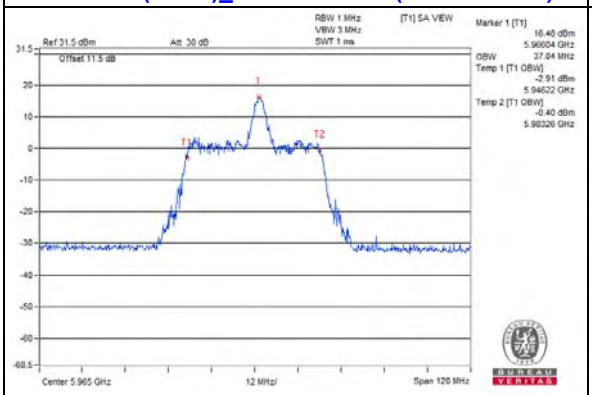
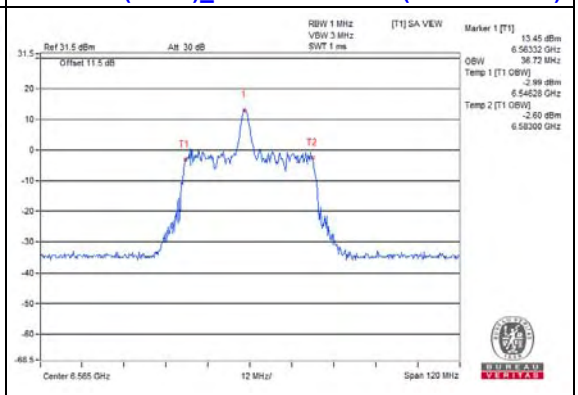
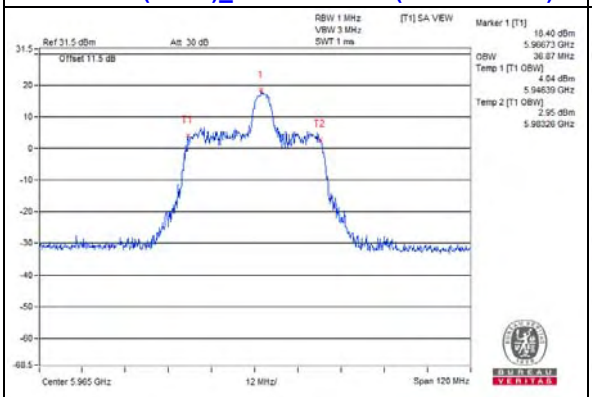
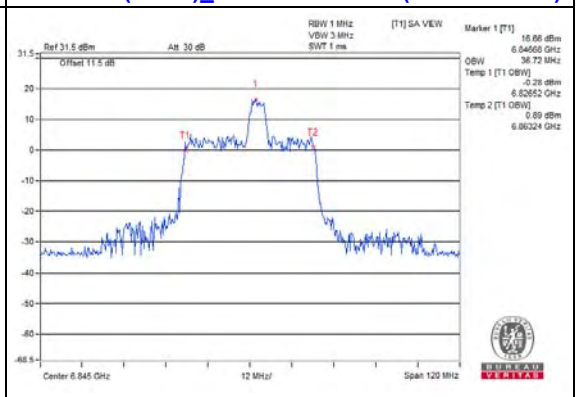
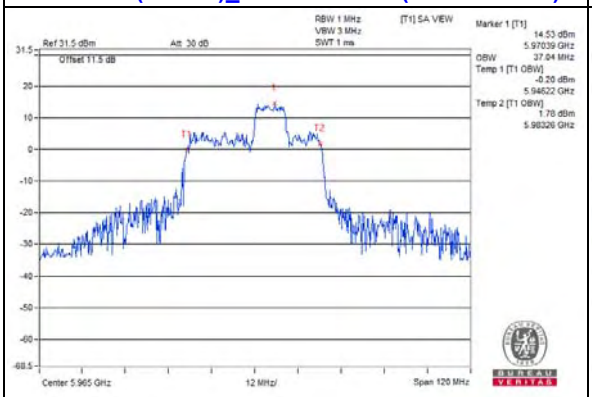
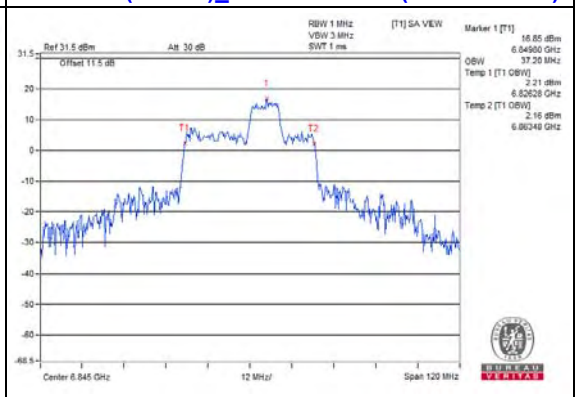
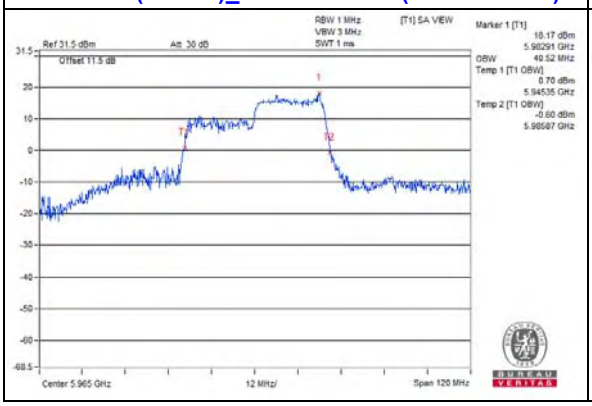
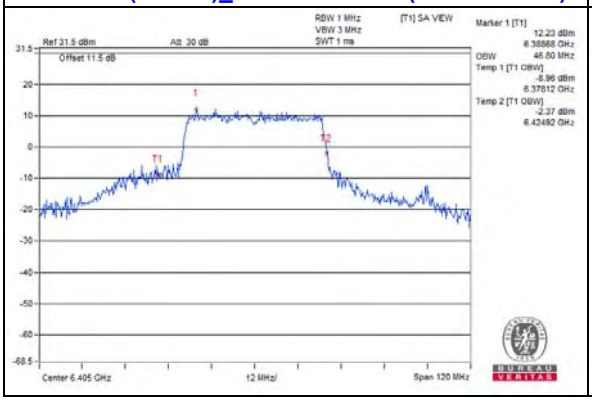
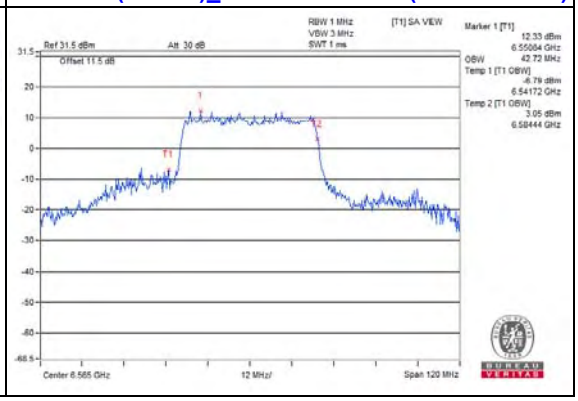
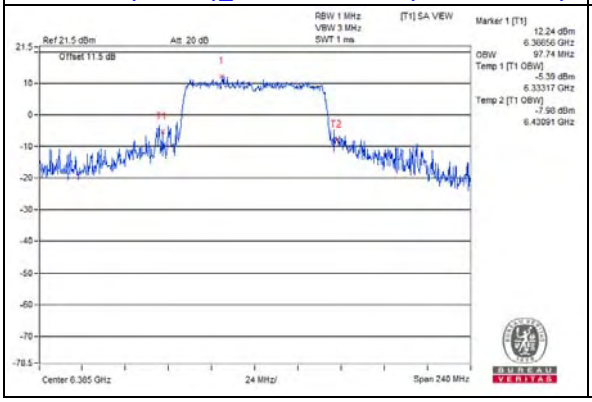
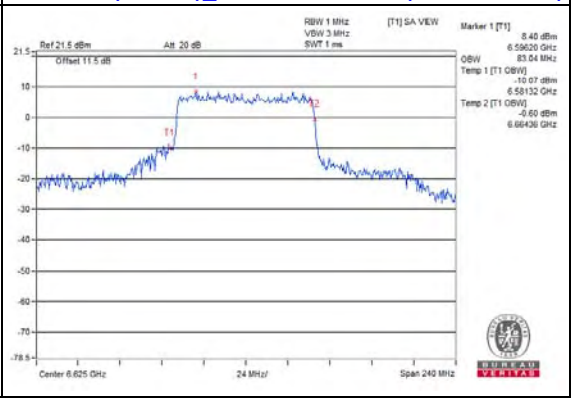
40MHz Preamble

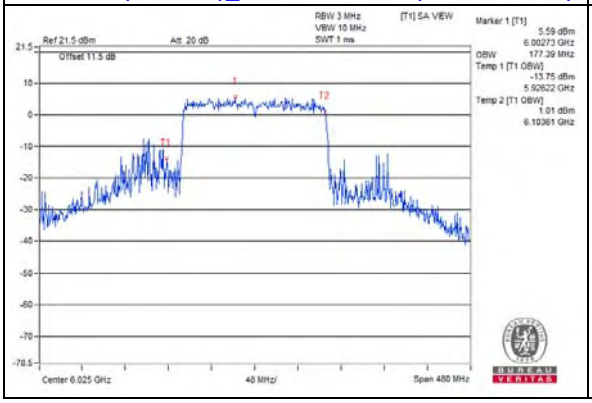
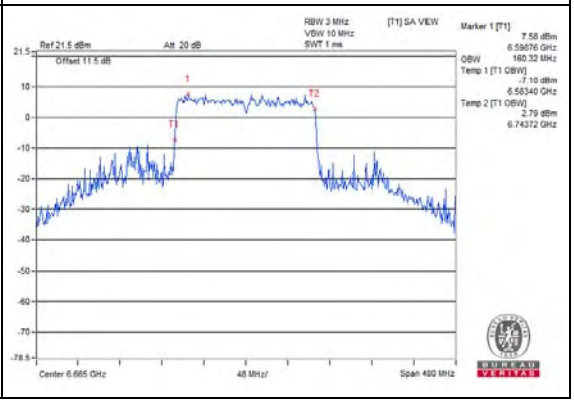
Spectrum Plot of Max. Value	
802.11ax (RU26)_Chain 0 / CH3 (U-NII-5 Band)	**802.11ax (RU26)_Chain 0 / CH123 (U-NII-7 Band)**
	
802.11ax (RU52)_Chain 0 / CH3 (U-NII-5 Band)	**802.11ax (RU52)_Chain 1 / CH179 (U-NII-7 Band)**
	
802.11ax (RU106)_Chain 0 / CH3 (U-NII-5 Band)	**802.11ax (RU106)_Chain 1 / C179 (U-NII-7 Band)**
	
802.11ax (RU242)_Chain 1 / CH3 (U-NII-5 Band)	**802.11ax (RU242)_Chain 0 / CH155 (U-NII-7 Band)**
	

Spectrum Plot of Max. Value	
802.11ax (RU484)_Chain 1 / CH91 (U-NII-5 Band)	**802.11ax (RU484)_Chain 1 / CH123 (U-NII-7 Band)**
	

80MHz Preamble

Spectrum Plot of Max. Value	
802.11ax (RU996)_Chain 1 / CH87 (U-NII-5 Band)	**802.11ax (RU996)_Chain 1 / CH135 (U-NII-7 Band)**
	

160MHz Preamble

Spectrum Plot of Max. Value	
802.11ax (RU1992)_Chain 1 / CH15 (U-NII-5 Band)	**802.11ax (RU1992)_Chain 1 / CH143 (U-NII-7 Band)**
	

26dB Bandwidth:

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
2	5935	19.63	19.27
1	5955	19.9	19.37
45	6175	19.77	19.34
93	6415	19.7	19.34
117	6535	19.65	19.51
149	6695	19.61	19.62
181	6855	19.75	19.68

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
2	5935	21.32	21.06
1	5955	21.24	21.05
45	6175	21.34	21.18
93	6415	21.43	21.51
117	6535	21.29	21.24
149	6695	21.34	21.24
181	6855	21.23	21.45

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
3	5965	41.51	41.4
43	6165	41.57	41.66
91	6405	41.47	41.56
123	6565	41.52	41.68
155	6725	41.45	41.61
179	6845	41.46	41.61

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
7	5985	82.77	82.69
39	6145	82.64	81.96
87	6385	82.51	82.55
135	6625	82.42	82.56
151	6705	82.73	82.49
167	6785	82.41	82.45

802.11ax (HE160)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
15	6025	166.52	167.36
47	6185	167.74	167.98
79	6345	167.68	168.31
143	6665	168.09	166.47

20MHz Preamble

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
26/0	2	5935	21.37	21.18
26/0	1	5955	21.08	21.15
26/4	45	6175	19.11	18.94
26/8	93	6415	21.22	20.88
26/0	117	6535	21.49	21.26
26/4	149	6695	19.15	18.89
26/8	181	6855	21.1	20.69

802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
52/37	2	5935	21.99	21.88
52/37	1	5955	22.21	21.72
52/38	45	6175	20.06	19.19
52/40	93	6415	21.48	21
52/37	117	6535	22.03	21.87
52/38	149	6695	20.1	19.11
52/40	181	6855	21.46	21.32

802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
106/53	2	5935	22.35	21.65
106/53	1	5955	23.51	24.34
106/53	45	6175	22.52	24.34
106/54	93	6415	22.93	24.5
106/53	117	6535	22.63	24.25
106/54	149	6695	22.67	25.48
106/54	181	6855	21.93	24.28

802.11ax (RU242)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
242/61	2	5935	23.76	24.02
242/61	1	5955	39.6	46.51
242/61	45	6175	35.54	45.29
242/61	93	6415	40.37	46.45
242/61	117	6535	25.64	39.97
242/61	149	6695	43.98	49.34
242/61	181	6855	38.63	42.58

40MHz Preamble

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
26/9	3	5965	39.17	38.83
26/27	43	6165	39.58	39.24
26/27	91	6405	39.6	39.13
26/9	123	6565	39.52	39.19
26/9	155	6725	39.62	38.85
26/27	179	6845	39.57	39.21

802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
52/41	3	5965	39.29	38.97
52/48	43	6165	39.61	39.33
52/48	91	6405	39.75	39.25
52/41	123	6565	39.72	39.36
52/41	155	6725	39.49	39.36
52/48	179	6845	39.51	39.65

802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
106/55	3	5965	41.28	40.54
106/58	43	6165	40.96	40.04
106/58	91	6405	41.67	39.98
106/55	123	6565	41.1	40.31
106/55	155	6725	41.4	40.03
106/58	179	6845	41.35	40.14

802.11ax (RU242)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
242/63	3	5965	52.31	77.09
242/62	43	6165	58.33	60.87
242/62	91	6405	56.79	56.18
242/63	123	6565	56.13	58.04
242/63	155	6725	62.16	53.82
242/62	179	6845	61.95	53.14

802.11ax (RU484)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
484/65	3	5965	65.84	80.54
484/65	43	6165	65.76	95
484/65	91	6405	63.88	91
484/65	123	6565	62.74	91.22
484/65	155	6725	64.93	77.15
484/65	179	6845	65.78	89.78

80MHz Preamble

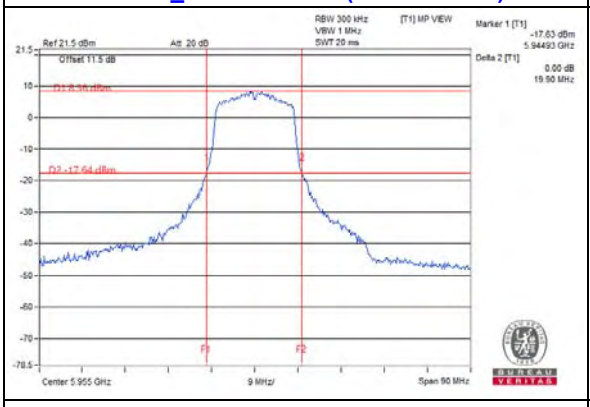
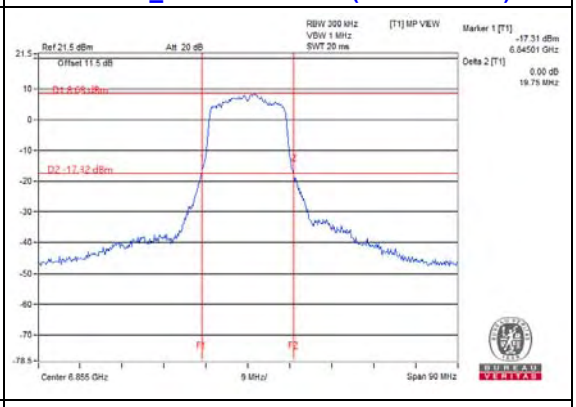
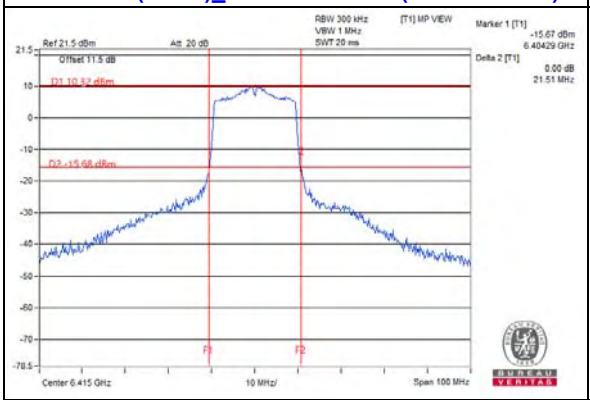
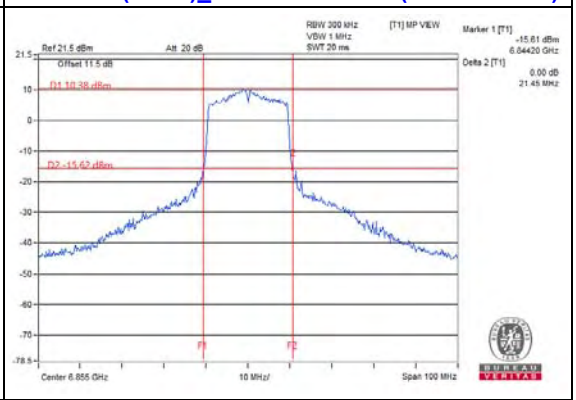
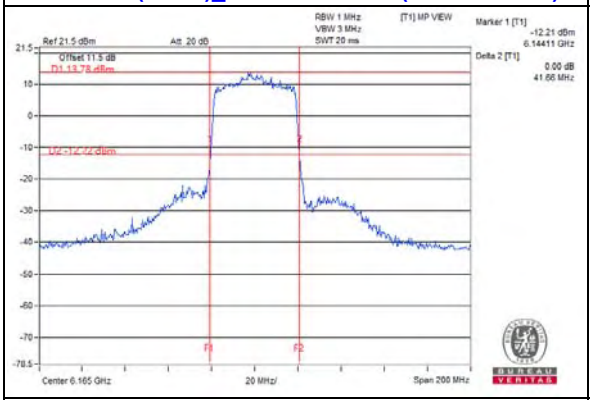
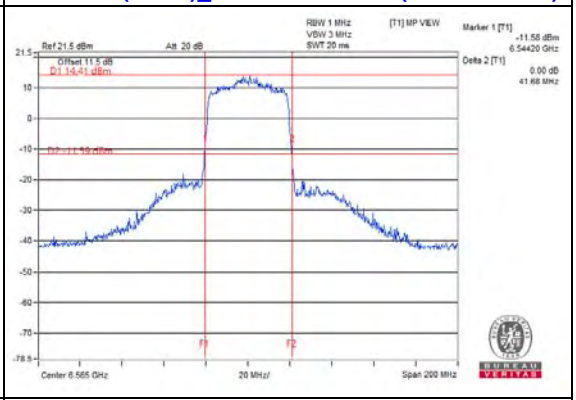
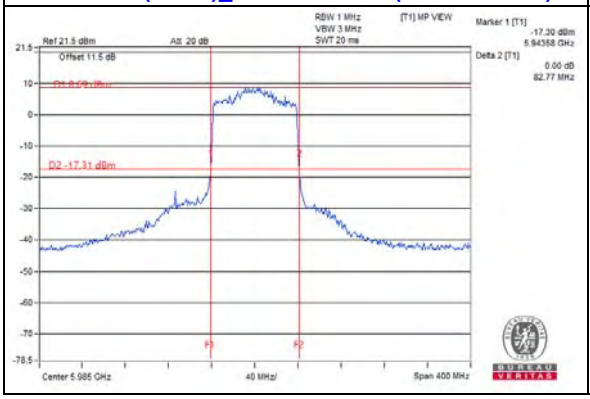
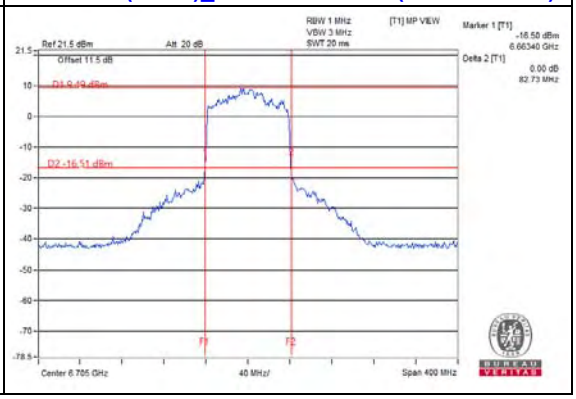
802.11ax (RU996)

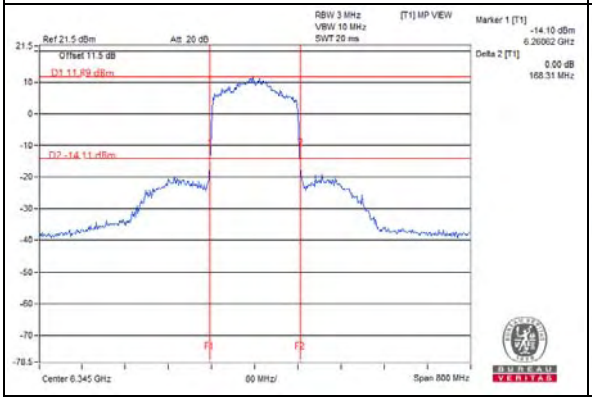
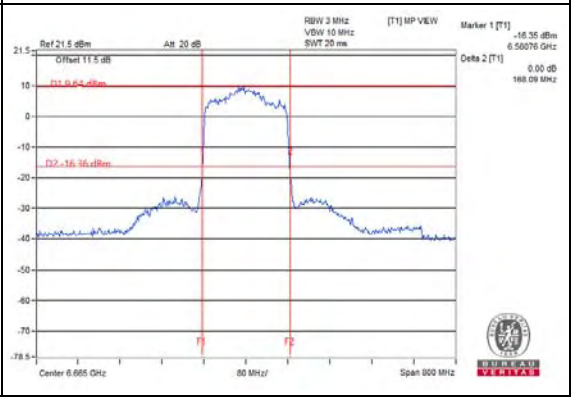
RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
996/67	7	5985	195.86	193.6
996/67	39	6145	166.7	210.52
996/67	87	6385	178.53	221.2
996/67	135	6625	173.45	221.32
996/67	151	6705	192.65	213.41
996/67	167	6785	182.73	223.57

160MHz Preamble

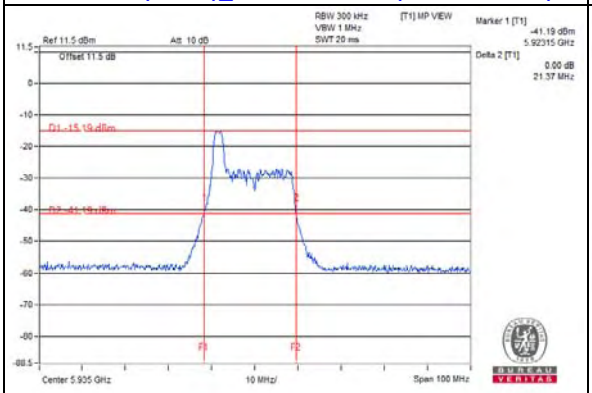
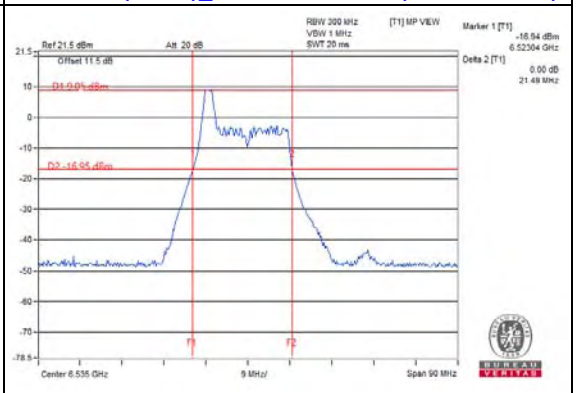
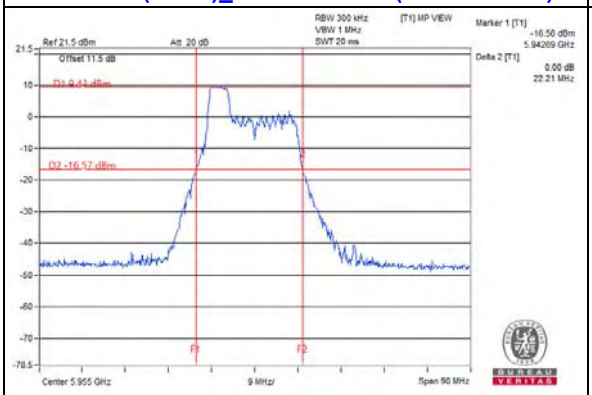
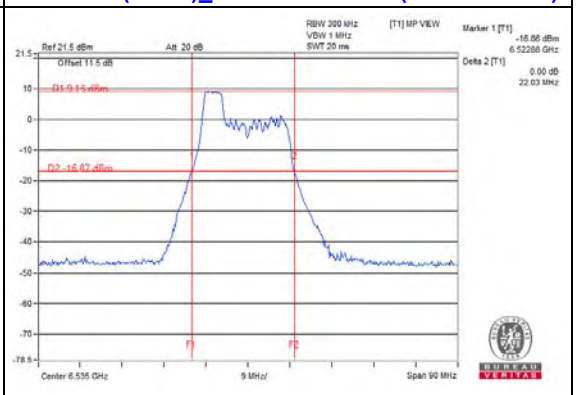
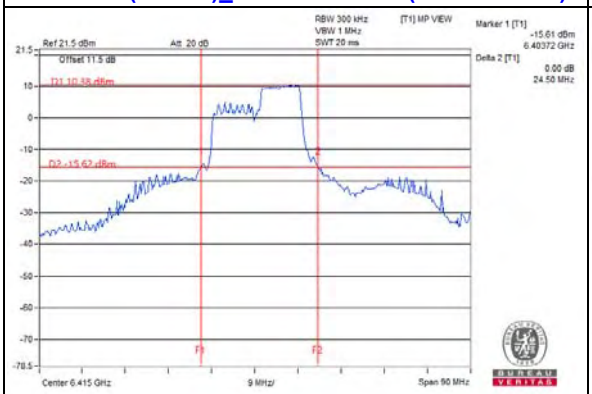
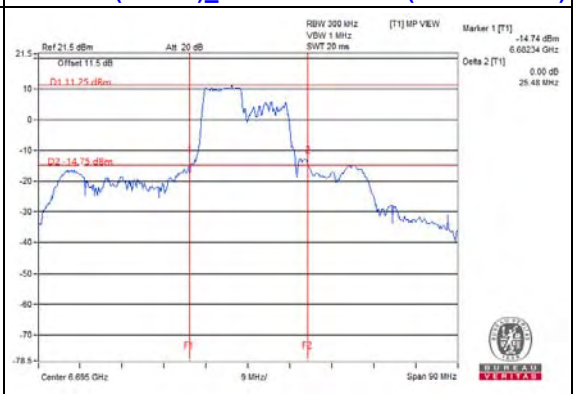
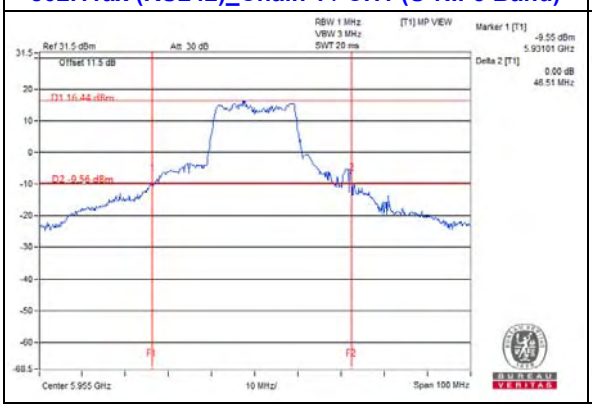
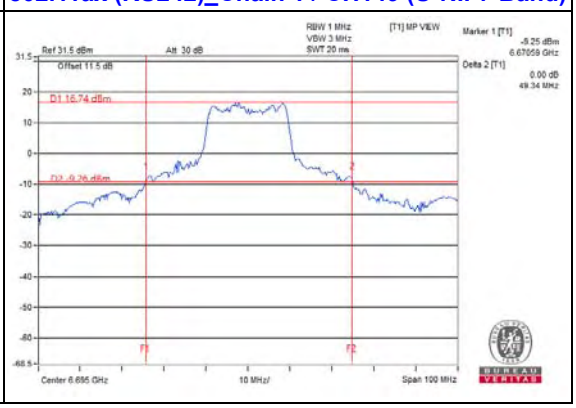
802.11ax (RU1992)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
1992/68	15	6025	353.86	439.49
1992/68	47	6185	461.94	437.36
1992/68	79	6345	347.33	639.3
1992/68	143	6665	419.34	385.04

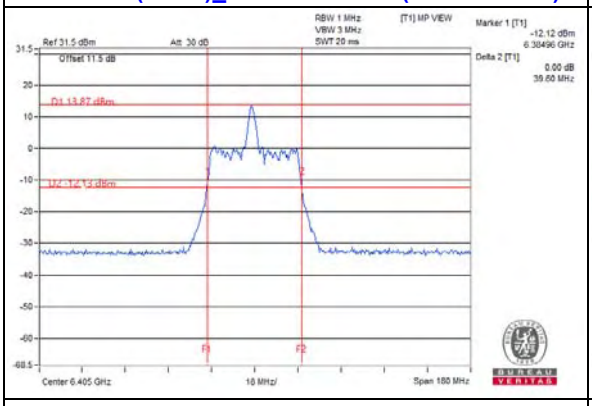
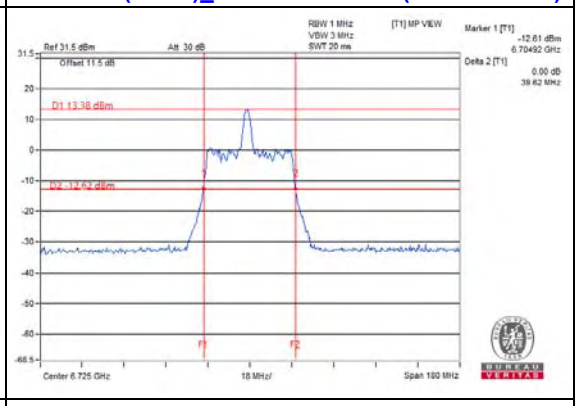
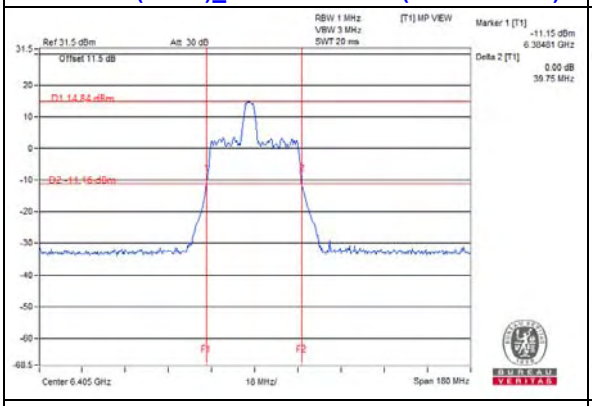
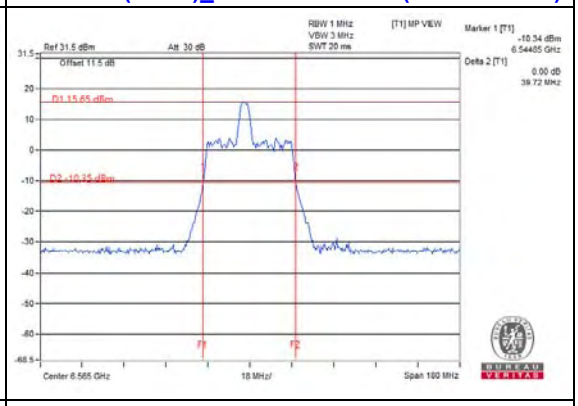
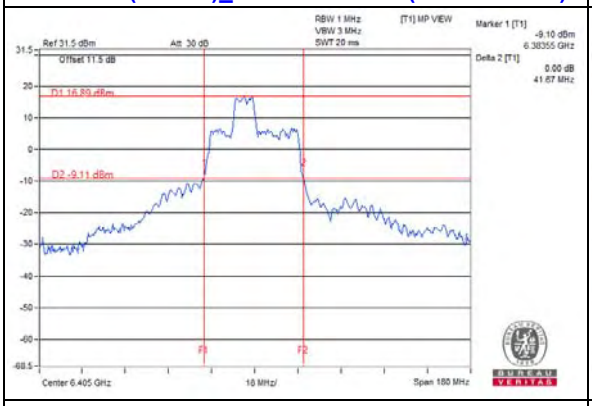
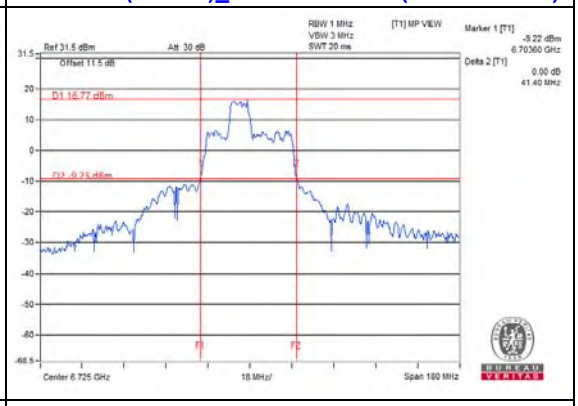
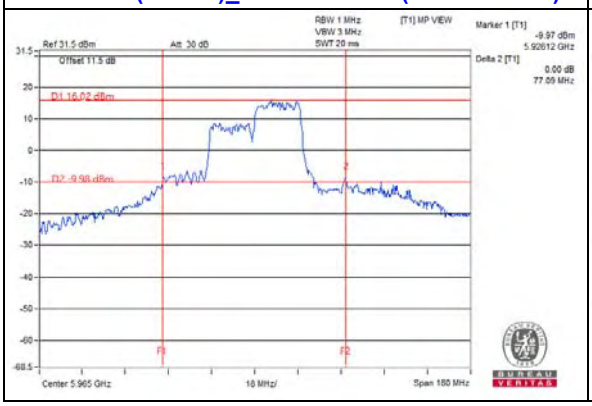
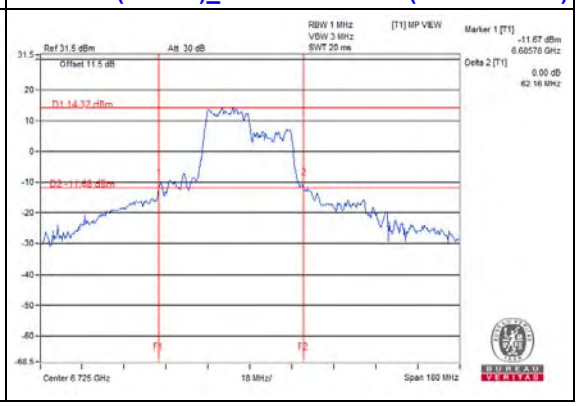
Spectrum Plot of Max. Value	
802.11a_Chain 0 / CH1 (U-NII-5 Band)	**802.11a_Chain 0 / CH181 (U-NII-7 Band)**
	
802.11ax (HE20)_Chain 1 / CH93 (U-NII-5 Band)	**802.11ax (HE20)_Chain 1 / CH181 (U-NII-7 Band)**
	
802.11ax (HE40)_Chain 1 / CH43 (U-NII-5 Band)	**802.11ax (HE40)_Chain 1 / CH123 (U-NII-7 Band)**
	
802.11ax (HE80)_Chain 0 / CH7 (U-NII-5 Band)	**802.11ax (HE80)_Chain 0/ CH151 (U-NII-7 Band)**
	

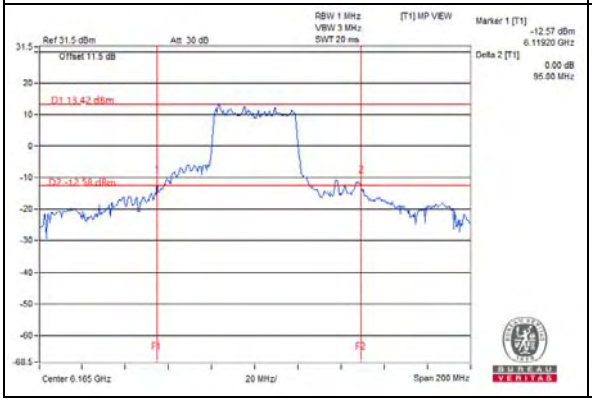
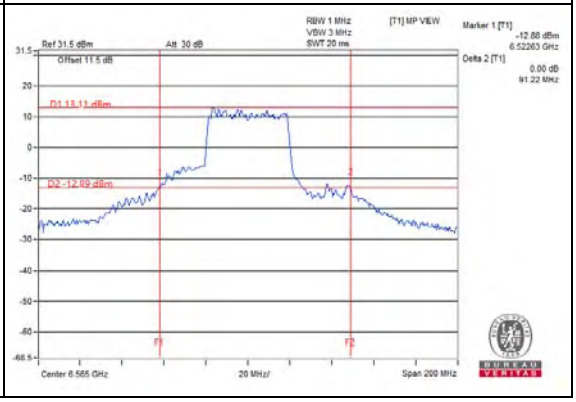
Spectrum Plot of Max. Value	
802.11ax (HE160)_Chain 1 / CH79 (U-NII-5 Band)	**802.11ax (HE160)_Chain 0 / CH143 (U-NII-7 Band)**
	

20MHz Preamble

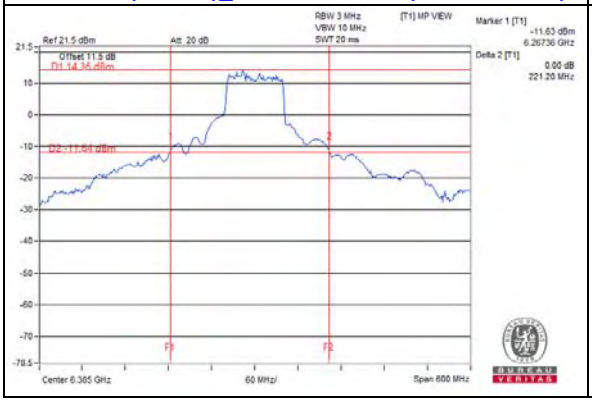
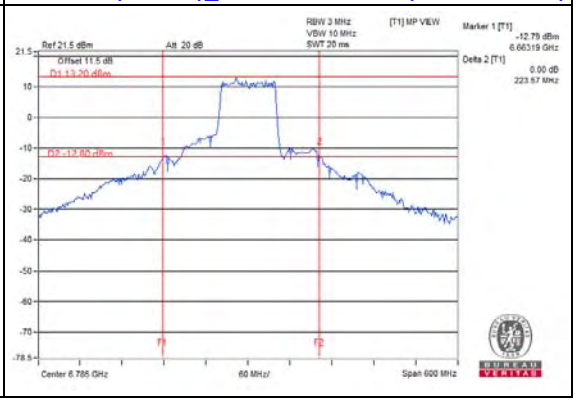
Spectrum Plot of Max. Value	
802.11ax (RU26)_Chain 0 / CH2 (U-NII-5 Band)	**802.11ax (RU26)_Chain 0 / CH117 (U-NII-7 Band)**
	
802.11ax (RU52)_Chain 0 / CH1 (U-NII-5 Band)	**802.11ax (RU52)_Chain 0 / CH117 (U-NII-7 Band)**
	
802.11ax (RU106)_Chain 1 / CH93 (U-NII-5 Band)	**802.11ax (RU106)_Chain 1 / CH149 (U-NII-7 Band)**
	
802.11ax (RU242)_Chain 1 / CH1 (U-NII-5 Band)	**802.11ax (RU242)_Chain 1 / CH149 (U-NII-7 Band)**
	

40MHz Preamble

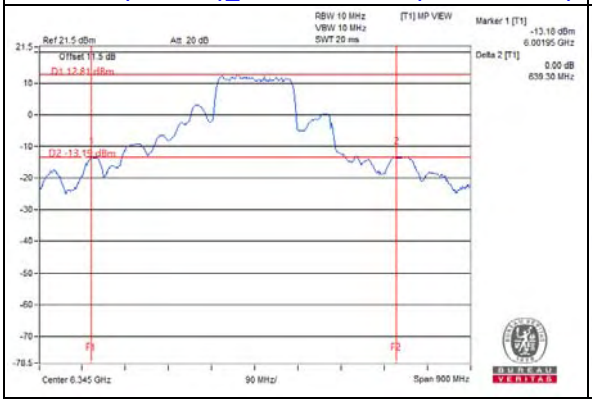
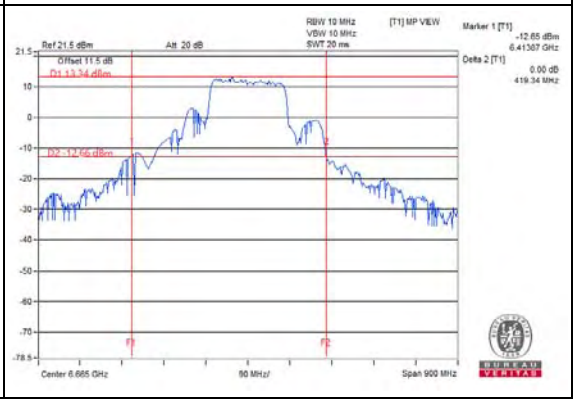
Spectrum Plot of Max. Value	
802.11ax (RU26)_Chain 0 / CH91 (U-NII-5 Band)	**802.11ax (RU26)_Chain 0 / CH155 (U-NII-7 Band)**
	
802.11ax (RU52)_Chain 0 / CH91 (U-NII-5 Band)	**802.11ax (RU52)_Chain 0 / CH123 (U-NII-7 Band)**
	
802.11ax (RU106)_Chain 0 / CH91 (U-NII-5 Band)	**802.11ax (RU106)_Chain 0 / C155 (U-NII-7 Band)**
	
802.11ax (RU242)_Chain 1 / CH3 (U-NII-5 Band)	**802.11ax (RU242)_Chain 0 / CH155 (U-NII-7 Band)**
	

Spectrum Plot of Max. Value	
802.11ax (RU484)_Chain 1 / CH43 (U-NII-5 Band)	**802.11ax (RU484)_Chain 1 / CH123 (U-NII-7 Band)**
	

80MHz Preamble

Spectrum Plot of Max. Value	
802.11ax (RU996)_Chain 1 / CH87 (U-NII-5 Band)	**802.11ax (RU996)_Chain 1 / CH167 (U-NII-7 Band)**
	

160MHz Preamble

Spectrum Plot of Max. Value	
802.11ax (RU1992)_Chain 1 / CH79 (U-NII-5 Band)	**802.11ax (RU1992)_Chain 0 / CH143 (U-NII-7 Band)**
	

4.5.6 Test Results (Mode 2)

99% Occupied Bandwidth:

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
2	5935	16.35	16.34	320
1	5955	16.44	16.32	320
45	6175	16.44	16.44	320
93	6415	16.32	16.32	320
97	6435	16.32	16.44	320
105	6475	16.32	16.44	320
113	6515	16.32	16.34	320
117	6535	16.32	16.34	320
149	6695	16.32	16.44	320
181	6855	16.32	16.32	320
185	6875	16.32	16.32	320
209	6995	16.32	16.44	320
229	7095	16.32	16.44	320
233	7115	16.32	16.32	320

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
2	5935	18.84	18.84	320
1	5955	18.84	18.84	320
45	6175	18.84	18.84	320
93	6415	18.84	18.84	320
97	6435	18.84	18.96	320
105	6475	18.96	18.96	320
113	6515	18.96	18.84	320
117	6535	18.96	18.84	320
149	6695	18.84	18.84	320
181	6855	18.96	18.84	320
185	6875	18.96	18.84	320
209	6995	18.84	18.84	320
229	7095	18.96	18.96	320
233	7115	18.84	18.96	320

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
3	5965	37.68	37.68	320
43	6165	37.92	37.68	320
91	6405	37.68	37.68	320
99	6445	37.92	37.68	320
107	6485	37.68	37.92	320
115	6525	37.92	37.92	320
123	6565	37.92	37.68	320
155	6725	37.68	37.68	320
179	6845	37.68	37.92	320
187	6885	37.92	37.68	320
211	7005	37.68	37.68	320
227	7085	37.68	37.68	320

802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
7	5985	76.52	77.22	320
39	6145	76.8	76.8	320
87	6385	76.8	77.28	320
103	6465	77.28	76.8	320
119	6545	76.8	76.8	320
151	6705	76.8	76.8	320
183	6865	76.8	77.28	320
199	6945	76.8	76.8	320
215	7025	76.8	76.32	320

802.11ax (HE160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
15	6025	155.83	155.82	320
47	6185	155.52	155.52	320
79	6345	154.56	154.56	320
111	6505	154.56	154.56	320
143	6665	155.52	155.52	320
175	6825	154.56	154.56	320
207	6985	154.56	153.6	320

20MHz Preamble

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
26/0	2	5935	18.87	18.78	320
26/0	1	5955	18.84	18.72	320
26/4	45	6175	17.22	17.04	320
26/8	93	6415	18.61	18.6	320
26/0	97	6435	18.78	18.84	320
26/4	105	6475	17.4	17.04	320
26/8	113	6515	18.84	18.48	320
26/0	117	6535	18.84	18.72	320
26/4	149	6695	17.28	17.16	320
26/8	181	6855	18.6	18.48	320
26/8	185	6875	18.72	18.6	320
26/0	209	6995	17.04	16.56	320
26/4	229	7095	18.48	18.36	320
26/8	233	7115	18.84	18.48	320

802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
52/37	2	5935	18.43	18.52	320
52/37	1	5955	18.48	18.6	320
52/38	45	6175	17.4	17.28	320
52/40	93	6415	18.44	18.48	320
52/37	97	6435	18.48	18.6	320
52/38	105	6475	17.31	17.16	320
52/40	113	6515	18.6	18.24	320
52/37	117	6535	18.6	18.48	320
52/38	149	6695	17.28	17.04	320
52/40	181	6855	18.48	18.24	320
52/40	185	6875	18.36	18.36	320
52/37	209	6995	16.08	16.92	320
52/38	229	7095	18.36	18.12	320
52/40	233	7115	18.48	18.24	320

802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
106/53	2	5935	18.44	18.35	320
106/53	1	5955	18.48	18.35	320
106/53	45	6175	18.36	18.36	320
106/54	93	6415	18.48	18.36	320
106/53	97	6435	18.48	18.36	320
106/53	105	6475	18.36	18.24	320
106/54	113	6515	18.48	18.36	320
106/53	117	6535	18.6	18.48	320
106/54	149	6695	18.48	18.36	320
106/54	181	6855	18.36	18.24	320
106/54	185	6875	18.36	18.36	320
106/53	209	6995	18.24	18.44	320
106/54	229	7095	18.24	18.24	320
106/54	233	7115	18.48	18.24	320

802.11ax (RU242)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
242/61	2	5935	19.22	19.14	320
242/61	1	5955	19.2	19.2	320
242/61	45	6175	19.2	19.08	320
242/61	93	6415	19.13	19.32	320
242/61	97	6435	19.2	19.32	320
242/61	105	6475	19.2	19.2	320
242/61	113	6515	19.2	19.2	320
242/61	117	6535	19.2	19.2	320
242/61	149	6695	19.2	19.2	320
242/61	181	6855	19.08	19.08	320
242/61	185	6875	19.08	19.08	320
242/61	209	6995	19.08	19.08	320
242/61	229	7095	19.22	19.08	320
242/61	233	7115	19.2	19.08	320

40MHz Preamble

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
26/9	3	5965	36.34	37.04	320
26/27	43	6165	36.48	36.48	320
26/27	91	6405	36.48	36.24	320
26/9	99	6445	36.48	36.72	320
26/27	107	6485	36.72	36.24	320
26/27	115	6525	36.48	36.24	320
26/9	123	6565	36.72	36.48	320
26/9	155	6725	36.48	36.48	320
26/27	179	6845	36.48	36.72	320
26/9	187	6885	36.48	36.72	320
26/9	211	7005	36.48	36.35	320
26/27	219	7045	36.72	36.34	320

802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
52/41	3	5965	36.18	36.35	320
52/48	43	6165	36.24	36.24	320
52/48	91	6405	36.48	36	320
52/41	99	6445	36.24	36.24	320
52/41	107	6485	36.24	36.24	320
52/48	115	6525	36.24	36.48	320
52/41	123	6565	36.48	36	320
52/41	155	6725	36	36.24	320
52/48	179	6845	36.24	36.48	320
52/41	187	6885	36.48	36.24	320
52/41	211	7005	36.24	36.72	320
52/48	219	7045	36.72	36	320

802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
106/55	3	5965	37.21	36.52	320
106/58	43	6165	36.72	36.24	320
106/58	91	6405	36.96	36.24	320
106/55	99	6445	36.48	36.48	320
106/58	107	6485	36.48	36.24	320
106/58	115	6525	36.48	36.72	320
106/55	123	6565	36.48	36.72	320
106/55	155	6725	36.96	36.48	320
106/58	179	6845	36.72	36.48	320
106/55	187	6885	36.48	36.72	320
106/55	211	7005	36.48	36.72	320
106/58	219	7045	36.72	36.48	320

802.11ax (RU242)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
242/63	3	5965	37.91	37.91	320
242/62	43	6165	37.68	37.92	320
242/62	91	6405	37.92	37.92	320
242/63	99	6445	37.92	37.68	320
242/62	107	6485	38.16	37.92	320
242/62	115	6525	37.92	37.68	320
242/63	123	6565	37.92	37.92	320
242/63	155	6725	37.92	37.92	320
242/62	179	6845	37.92	37.92	320
242/63	187	6885	37.68	37.68	320
242/63	211	7005	37.68	37.68	320
242/62	219	7045	37.68	37.92	320

802.11ax (RU484)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
484/65	3	5965	38.6	38.6	320
484/65	43	6165	38.64	38.64	320
484/65	91	6405	38.64	38.64	320
484/65	99	6445	38.64	38.64	320
484/65	107	6485	38.64	38.64	320
484/65	115	6525	38.64	38.64	320
484/65	123	6565	38.64	38.64	320
484/65	155	6725	38.64	38.64	320
484/65	179	6845	38.64	38.64	320
484/65	187	6885	38.64	38.64	320
484/65	211	7005	38.4	38.4	320
484/65	227	7085	39.13	38.4	320

80MHz Preamble

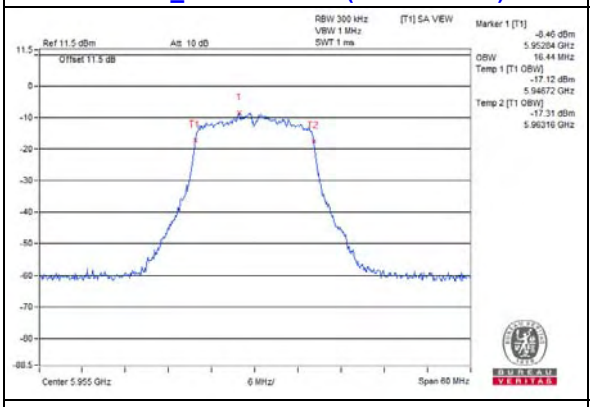
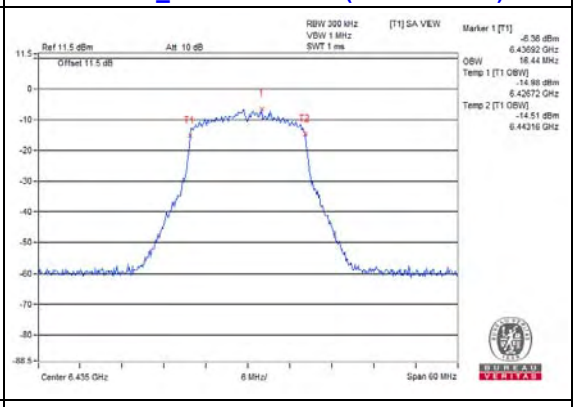
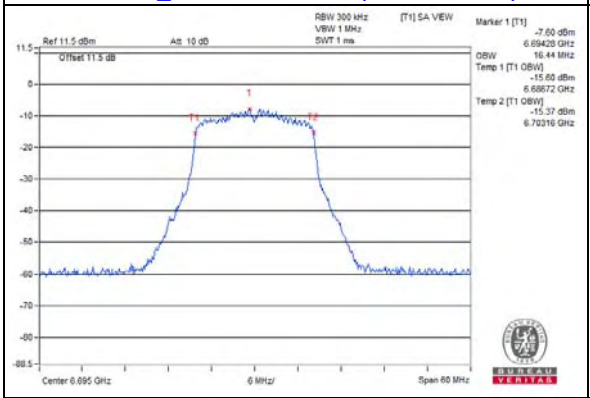
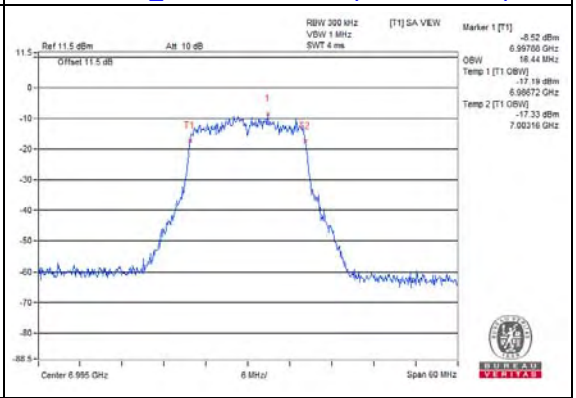
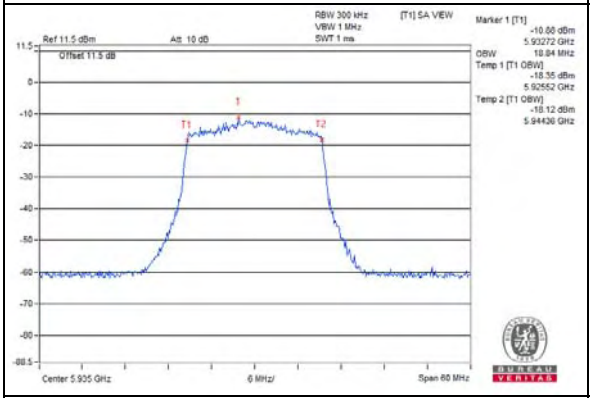
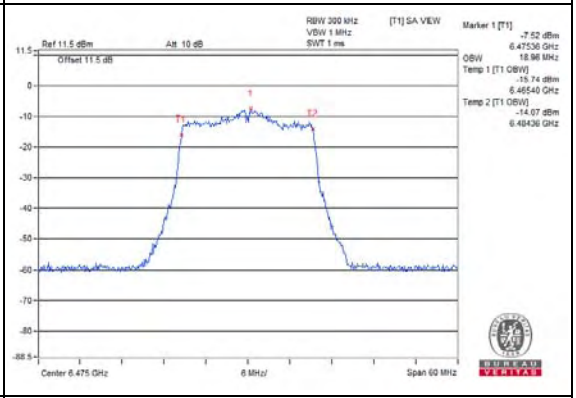
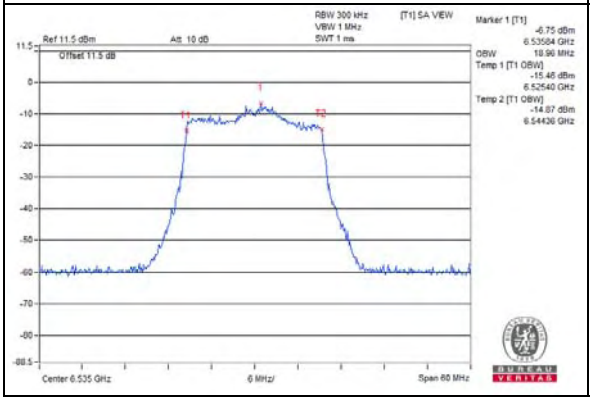
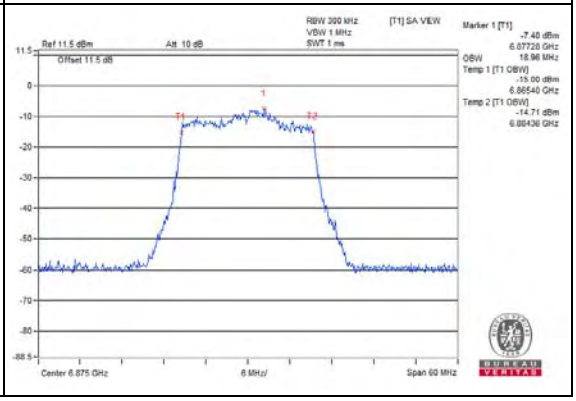
802.11ax (RU996)

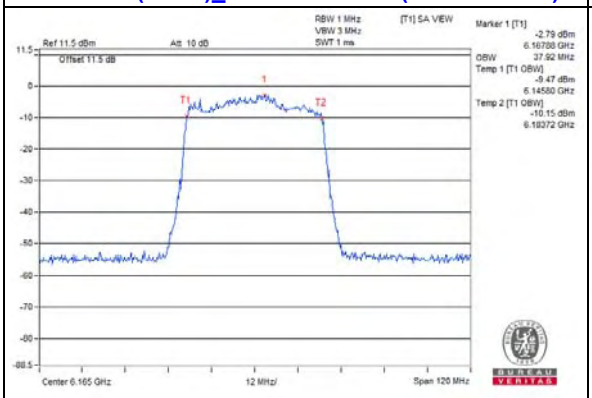
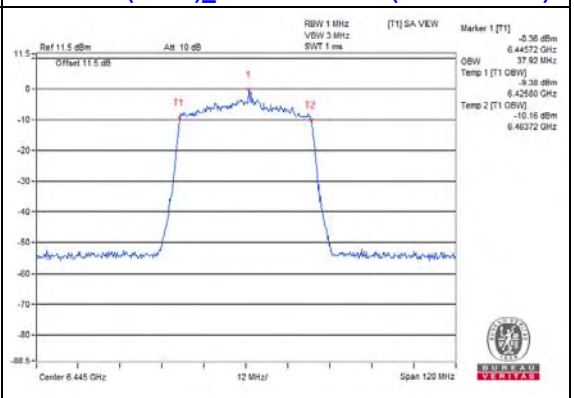
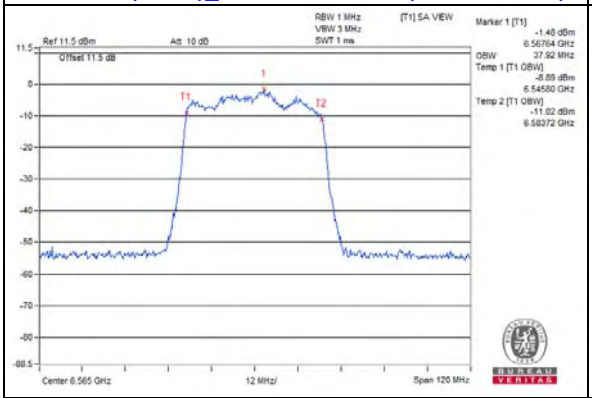
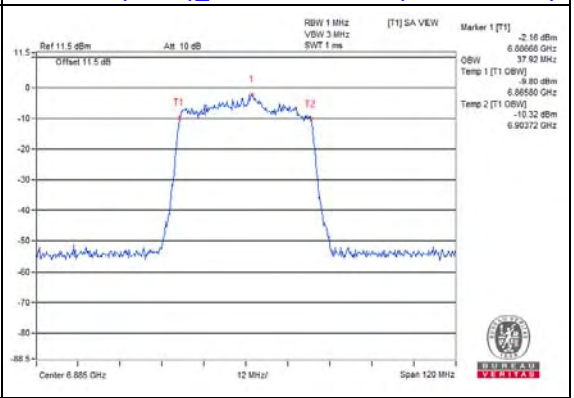
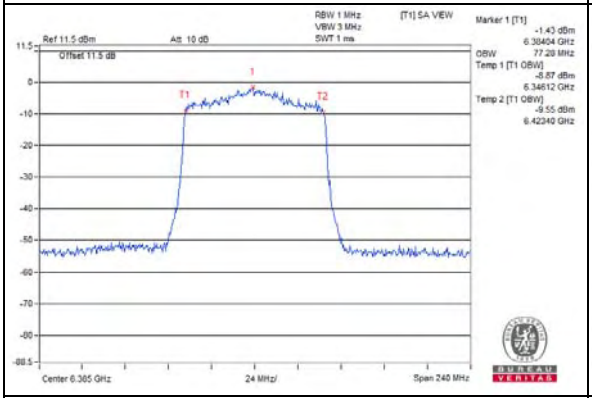
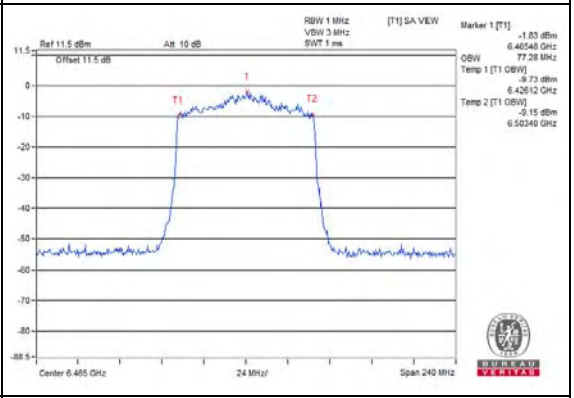
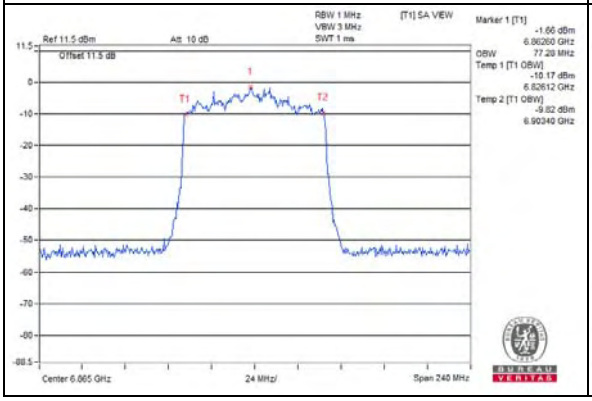
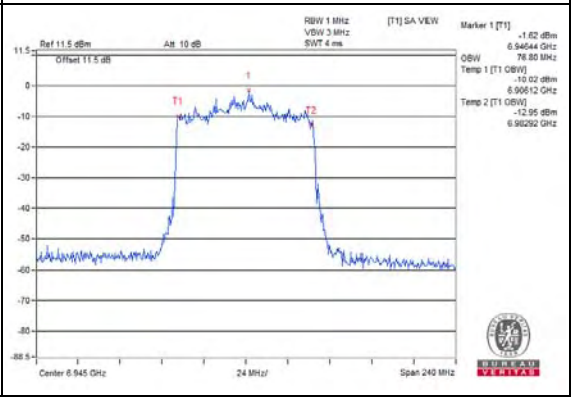
RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
996/67	7	5985	79.3	77.92	320
996/67	39	6145	78.24	77.76	320
996/67	87	6385	78.24	77.76	320
996/67	103	6465	78.24	78.24	320
996/67	119	6545	77.76	77.76	320
996/67	151	6705	77.92	78.24	320
996/67	183	6865	77.76	77.76	320
996/67	199	6945	77.76	78.24	320
996/67	215	7025	77.57	78.24	320

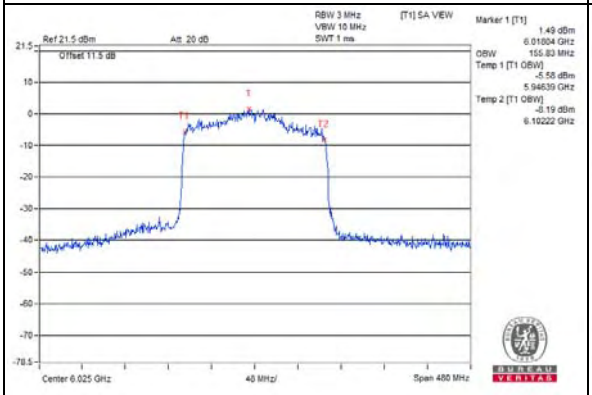
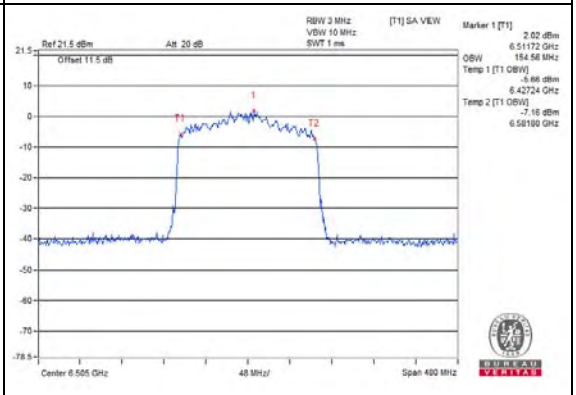
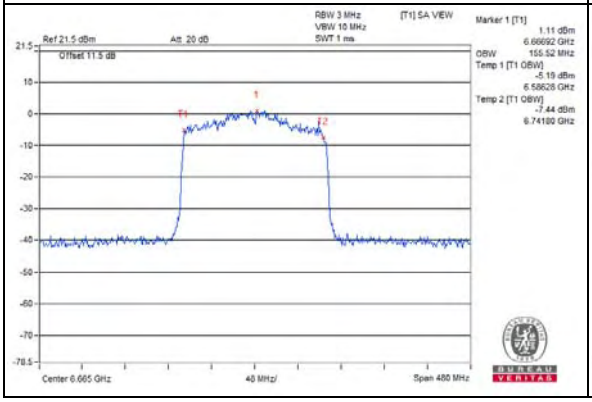
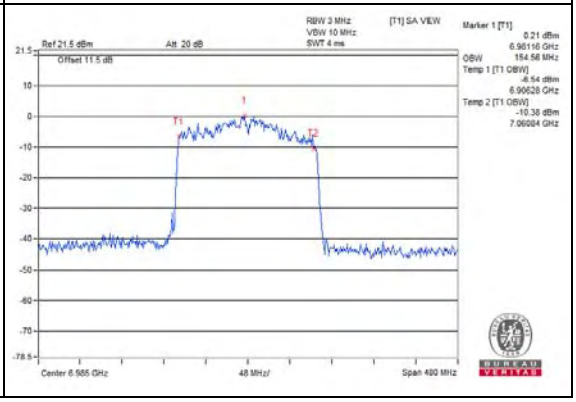
160MHz Preamble

802.11ax (RU1992)

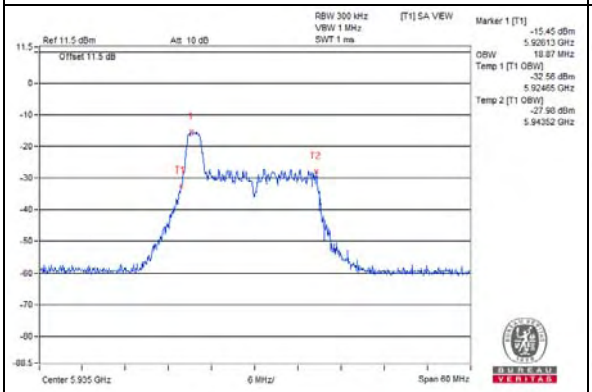
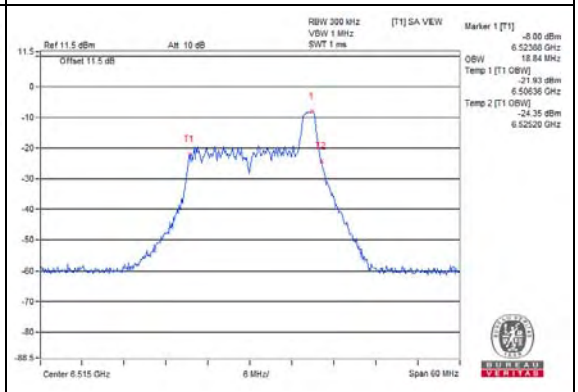
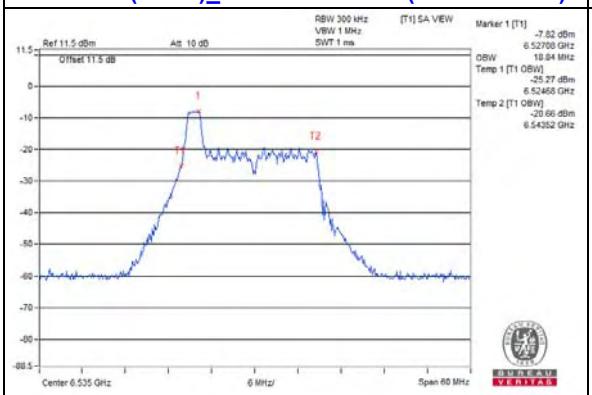
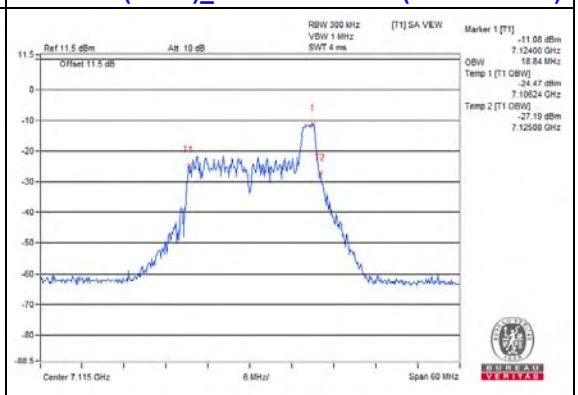
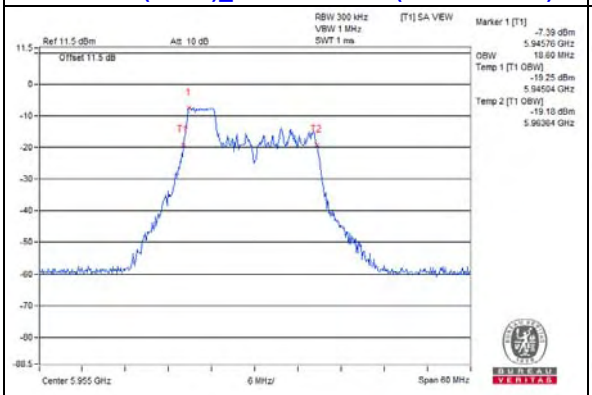
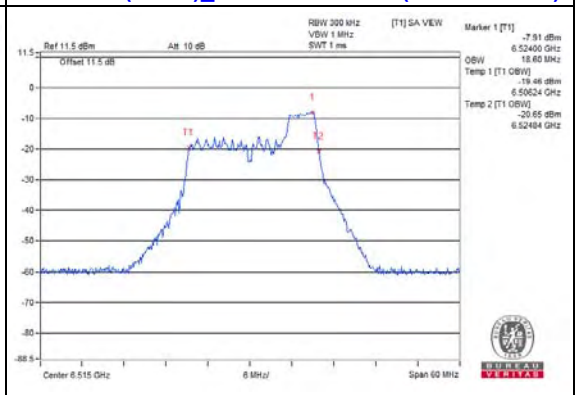
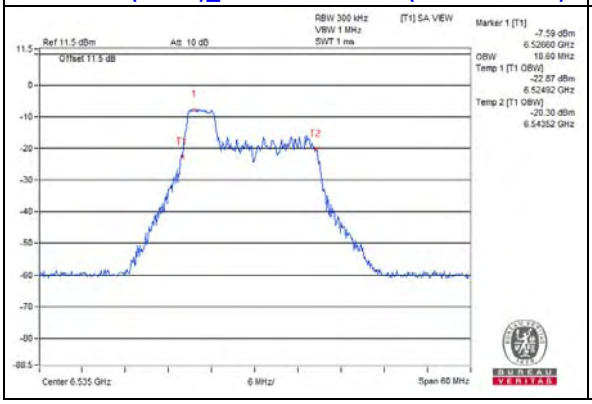
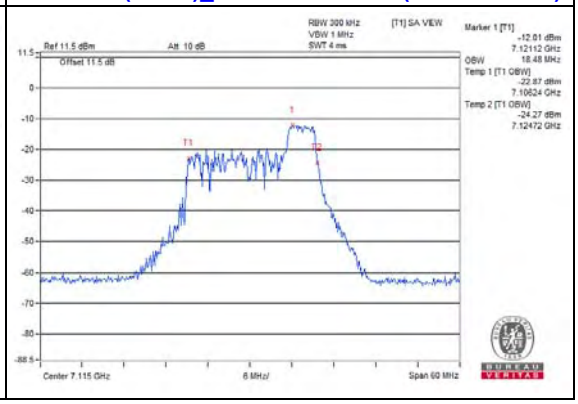
RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
			Chain 0	Chain 1	Limit (MHz)
1992/68	15	6025	157.21	157.91	320
1992/68	47	6185	157.44	158.4	320
1992/68	79	6345	158.4	158.4	320
1992/68	111	6505	157.44	157.44	320
1992/68	143	6665	158.4	157.44	320
1992/68	175	6825	157.44	158.4	320
1992/68	207	6985	156.48	157.44	320

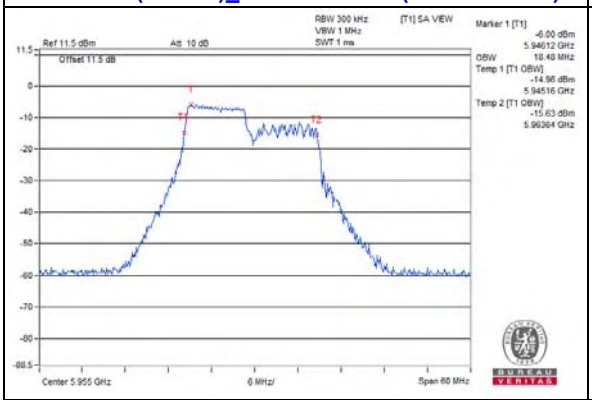
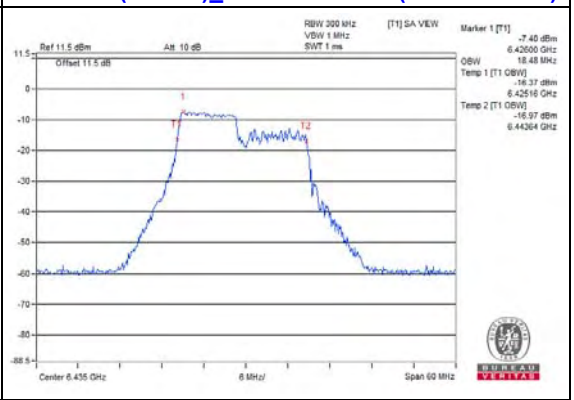
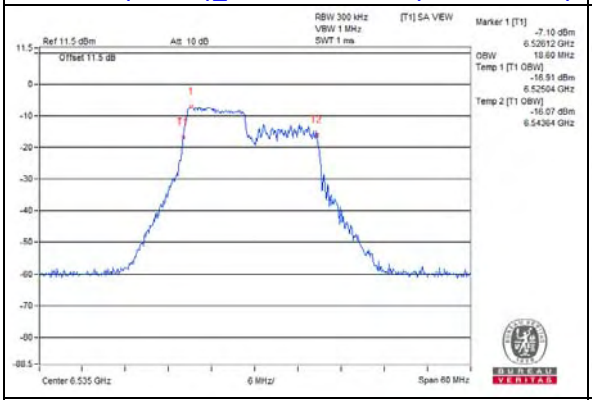
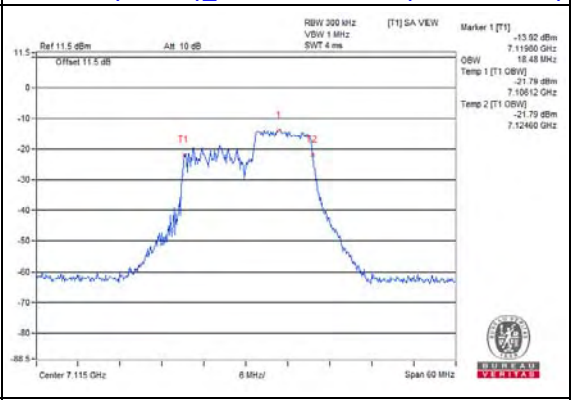
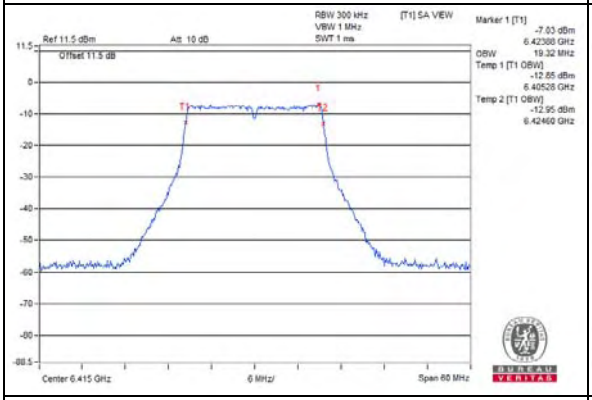
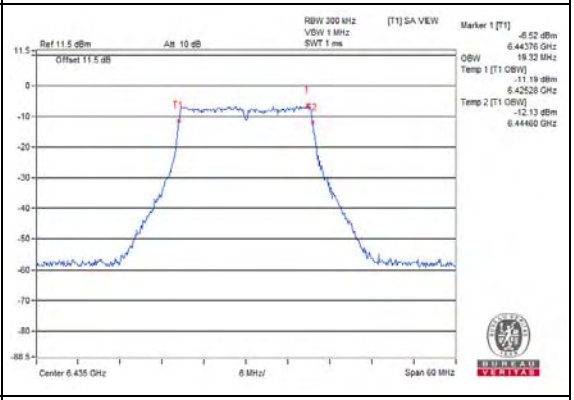
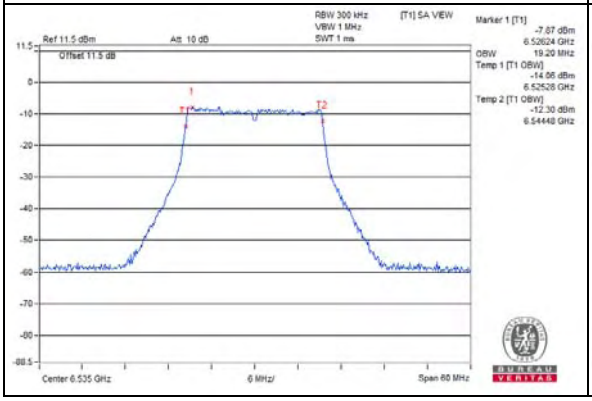
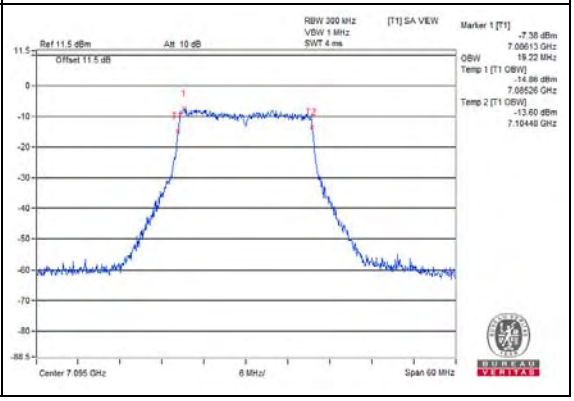
Spectrum Plot of Max. Value	
802.11a_Chain 0 / CH1 (U-NII-5 Band)	**802.11a_Chain 1 / CH97 (U-NII-6 Band)**
	
802.11a_Chain 1 / CH149 (U-NII-7 Band)	**802.11a_Chain 1 / CH209 (U-NII-8 Band)**
	
802.11ax (HE20)_Chain 0 / CH2 (U-NII-5 Band)	**802.11ax (HE20)_Chain 0 / CH105 (U-NII-6 Band)**
	
802.11ax (HE20)_Chain 0 / CH117 (U-NII-7 Band)	**802.11ax (HE20)_Chain 0 / CH185 (U-NII-8 Band)**
	

Spectrum Plot of Max. Value	
802.11ax (HE40)_Chain 0 / CH43 (U-NII-5 Band)	**802.11ax (HE40)_Chain 0 / CH99 (U-NII-6 Band)**
	
802.11ax (HE40)_Chain 0 / CH123 (U-NII-7 Band)	**802.11ax (HE40)_Chain 0 / CH187 (U-NII-8 Band)**
	
802.11ax (HE80)_Chain 1 / CH87 (U-NII-5 Band)	**802.11ax (HE80)_Chain 0 / CH103 (U-NII-6 Band)**
	
802.11ax (HE80)_Chain 1 / CH183 (U-NII-7 Band)	**802.11ax (HE80)_Chain 0 / CH199 (U-NII-8 Band)**
	

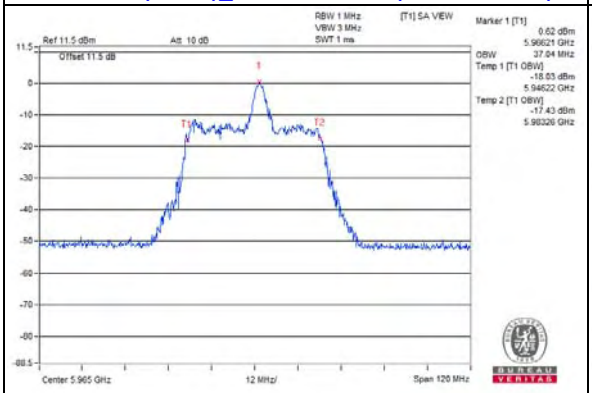
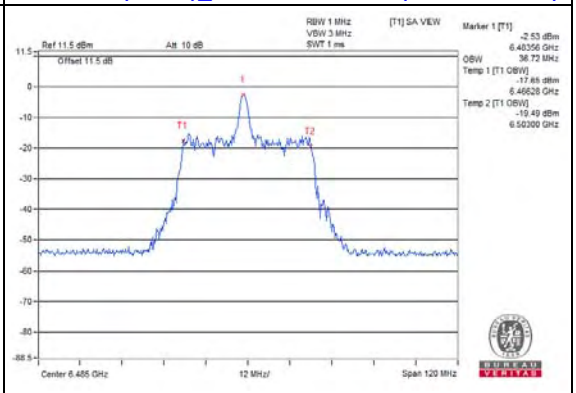
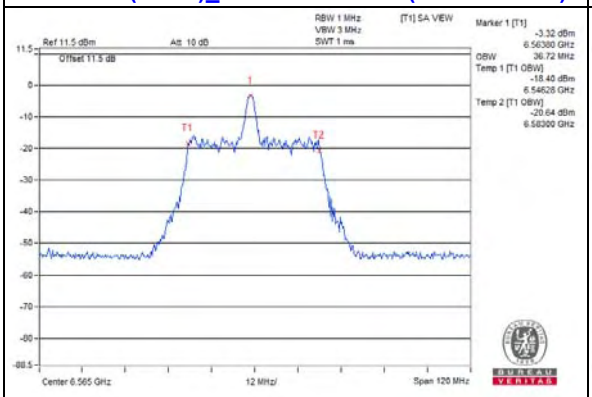
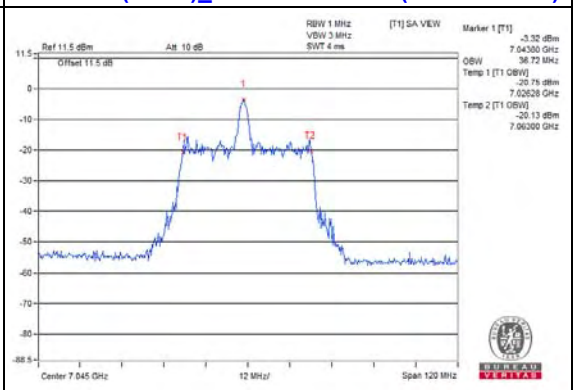
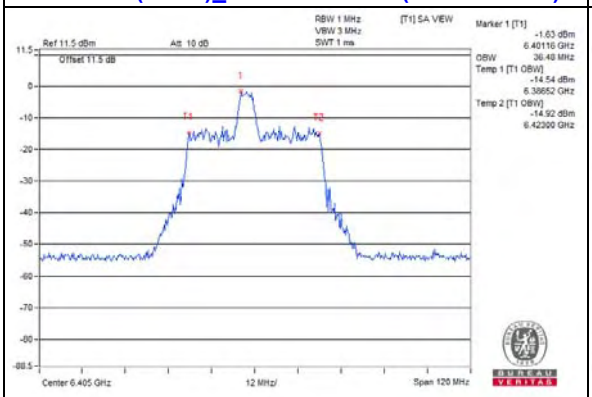
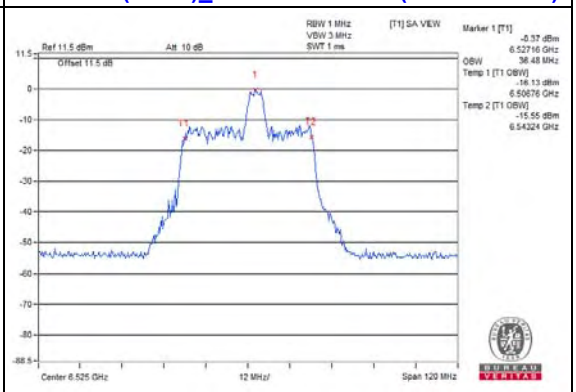
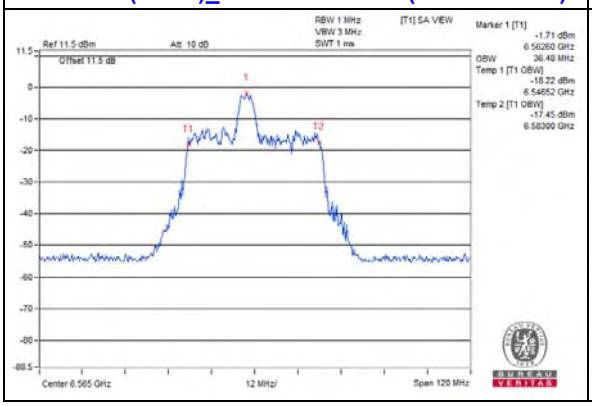
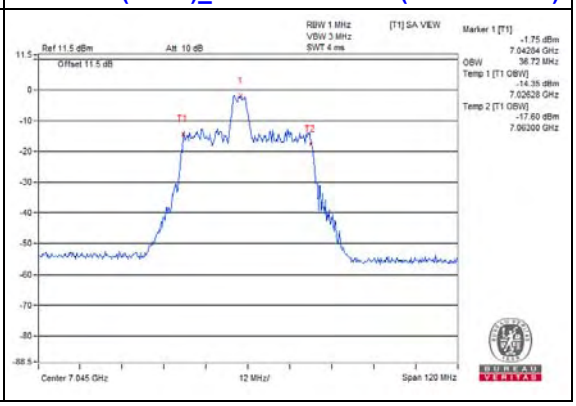
Spectrum Plot of Max. Value	
802.11ax (HE160)_Chain 0 / CH15 (U-NII-5 Band)	**802.11ax (HE160)_Chain 0 / CH111 (U-NII-6 Band)**
	
802.11ax (HE160)_Chain 0 / CH143 (U-NII-7 Band)	**802.11ax (HE160)_Chain 0 / CH207 (U-NII-8 Band)**
	

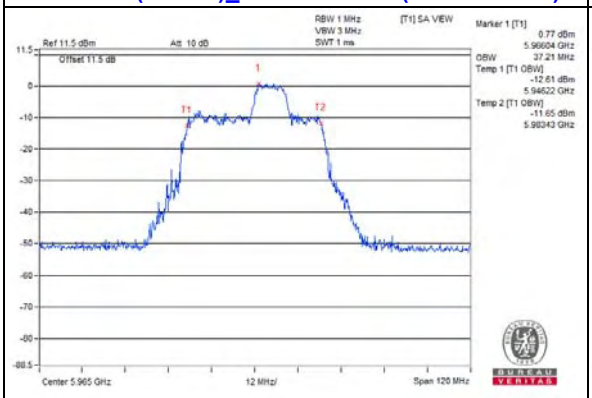
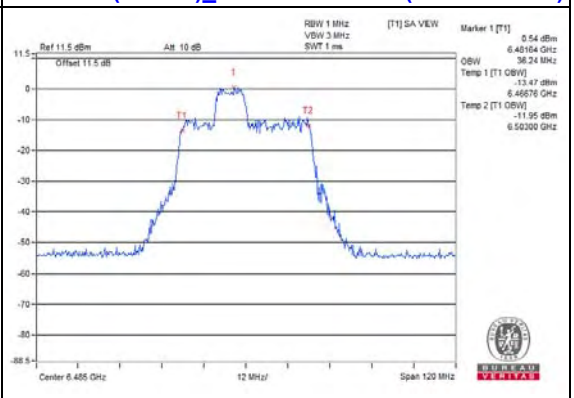
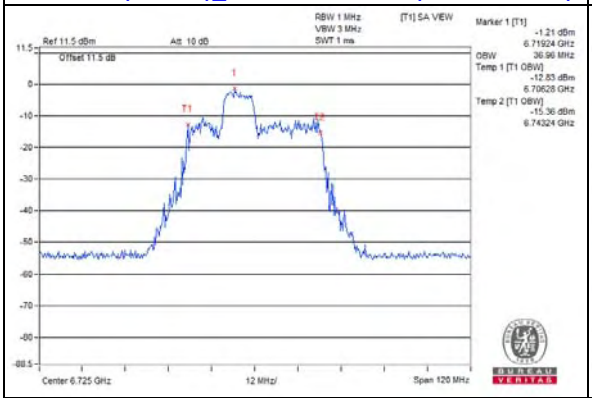
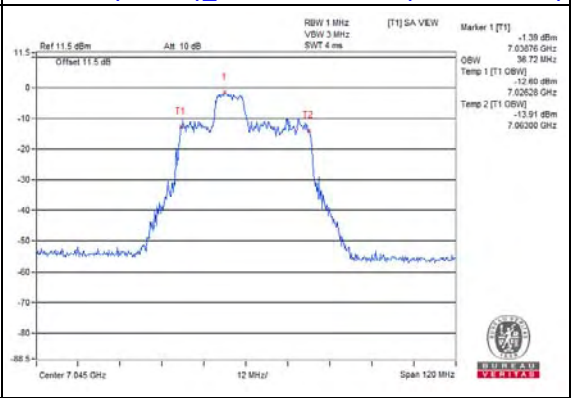
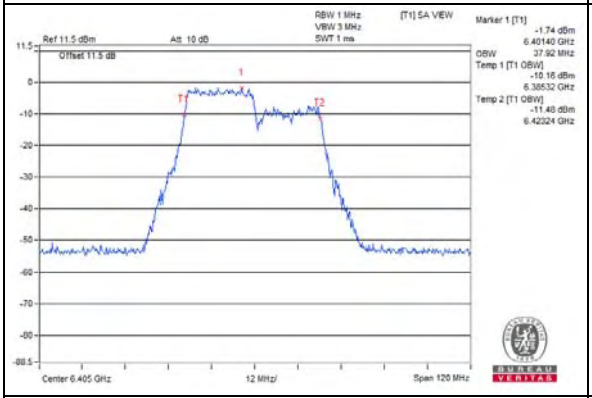
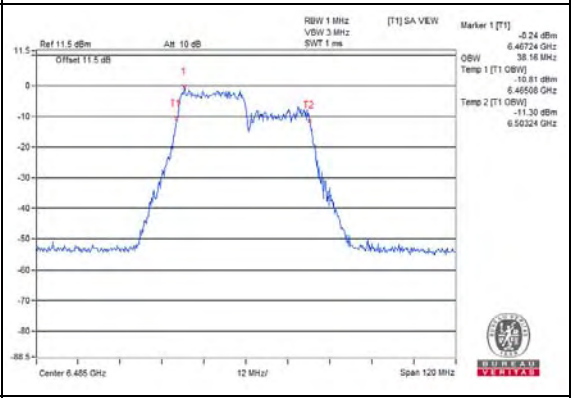
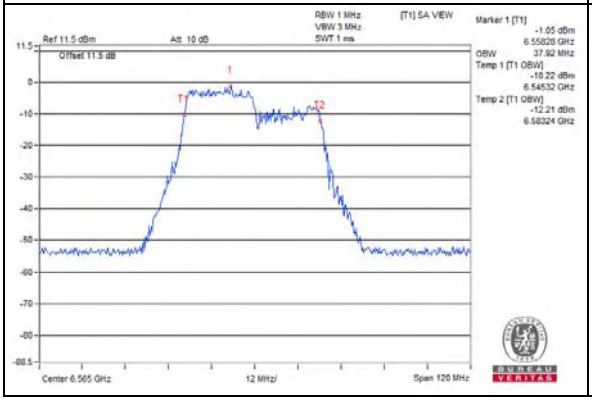
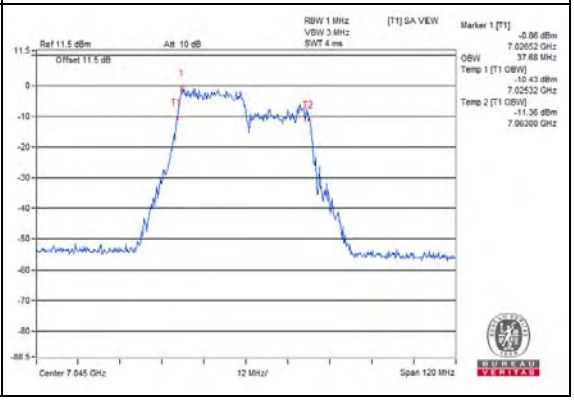
20MHz Preamble

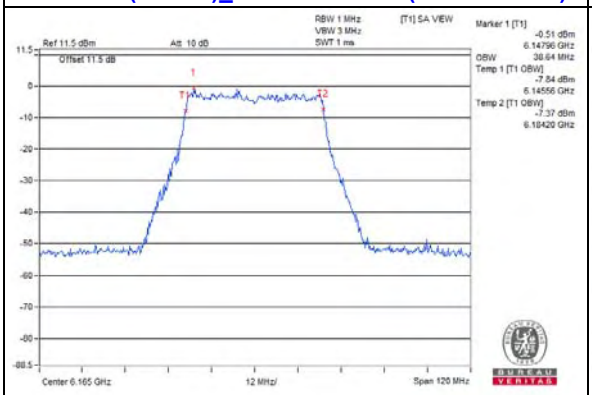
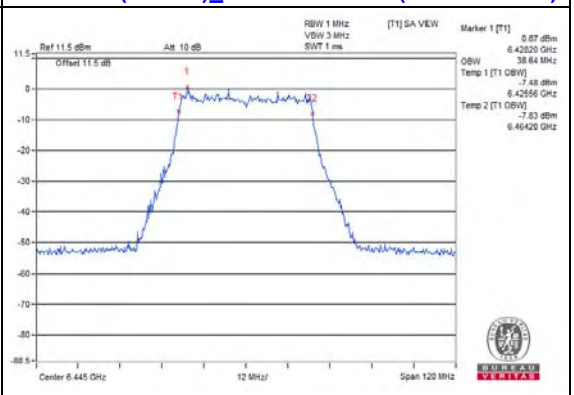
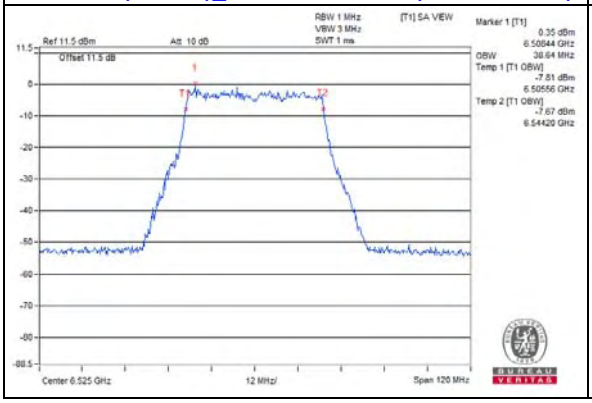
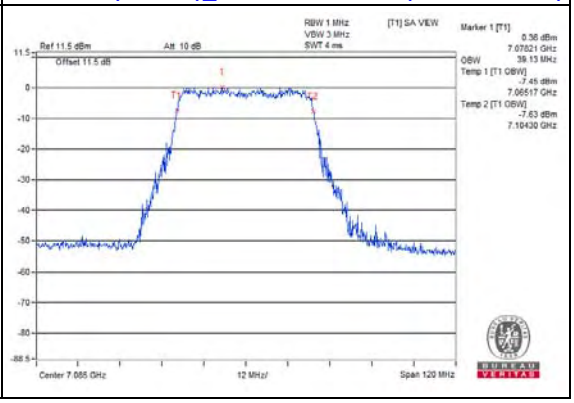
Spectrum Plot of Max. Value	
802.11ax (RU26)_Chain 0 / CH2 (U-NII-5 Band)	**802.11ax (RU26)_Chain 0 / CH113 (U-NII-6 Band)**
	
802.11ax (RU26)_Chain 0 / CH117 (U-NII-7 Band)	**802.11ax (RU26)_Chain 0 / CH233 (U-NII-8 Band)**
	
802.11ax (RU52)_Chain 1 / CH1 (U-NII-5 Band)	**802.11ax (RU52)_Chain 0 / CH113 (U-NII-6 Band)**
	
802.11ax (RU52)_Chain 0 / CH117 (U-NII-7 Band)	**802.11ax (RU52)_Chain 0 / CH223 (U-NII-8 Band)**
	

Spectrum Plot of Max. Value	
802.11ax (RU106)_Chain 0 / CH1 (U-NII-5 Band)	**802.11ax (RU106)_Chain 0 / CH97 (U-NII-6 Band)**
	
802.11ax (RU106)_Chain 0 / CH117 (U-NII-7 Band)	**802.11ax (RU106)_Chain 0 / CH233 (U-NII-8 Band)**
	
802.11ax (R242)_Chain 1 / CH93 (U-NII-5 Band)	**802.11ax (RU242)_Chain 1 / CH97 (U-NII-6 Band)**
	
802.11ax (R242)_Chain 0 / CH117 (U-NII-7 Band)	**802.11ax (RU242)_Chain 0 / CH229 (U-NII-8 Band)**
	

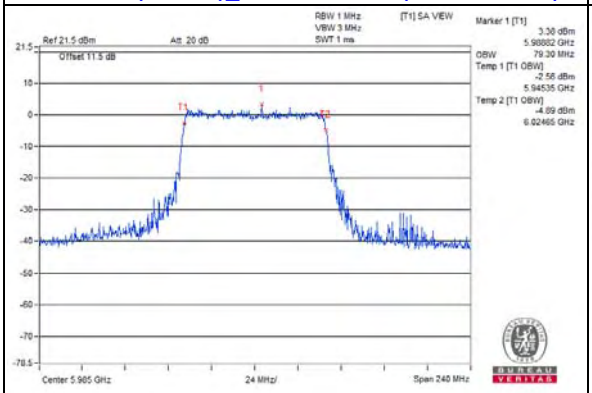
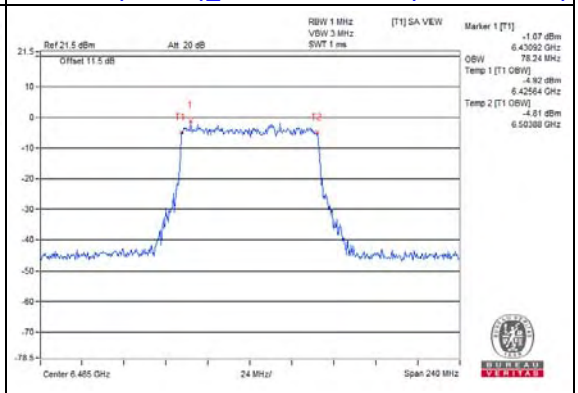
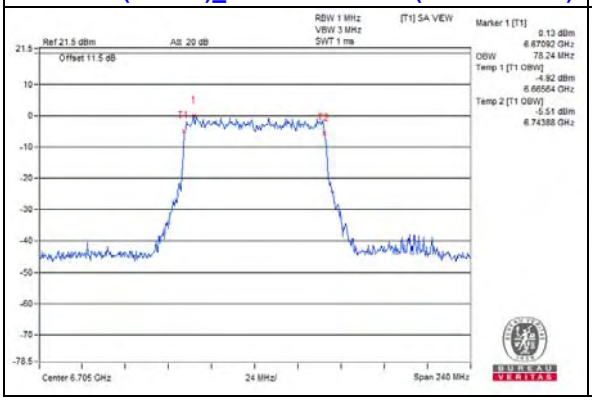
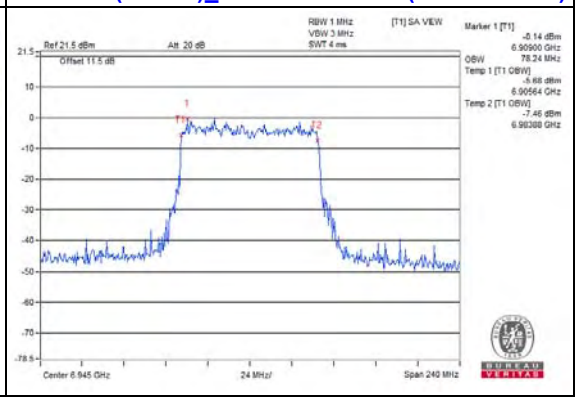
40MHz Preamble

Spectrum Plot of Max. Value	
802.11ax (RU26)_Chain 1 / CH3 (U-NII-5 Band)	**802.11ax (RU26)_Chain 0 / CH107 (U-NII-6 Band)**
	
802.11ax (RU26)_Chain 0 / CH123 (U-NII-7 Band)	**802.11ax (RU26)_Chain 0 / CH219 (U-NII-8 Band)**
	
802.11ax (RU52)_Chain 0 / CH91 (U-NII-5 Band)	**802.11ax (RU52)_Chain 1 / CH115 (U-NII-6 Band)**
	
802.11ax (RU52)_Chain 0 / CH123 (U-NII-7 Band)	**802.11ax (RU52)_Chain 0 / CH219 (U-NII-8 Band)**
	

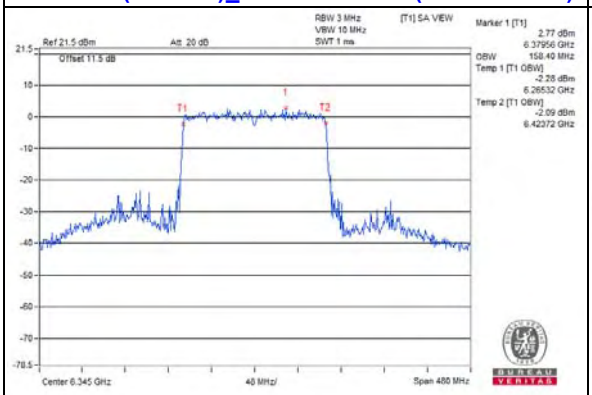
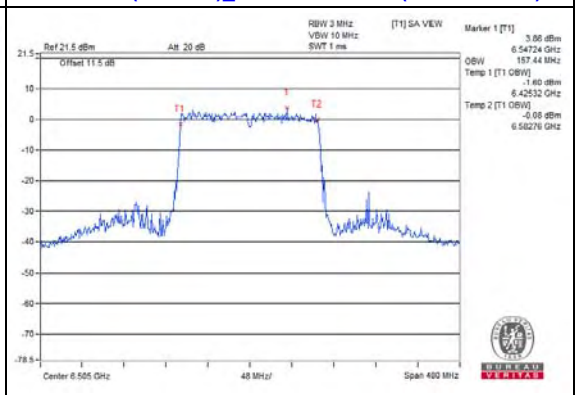
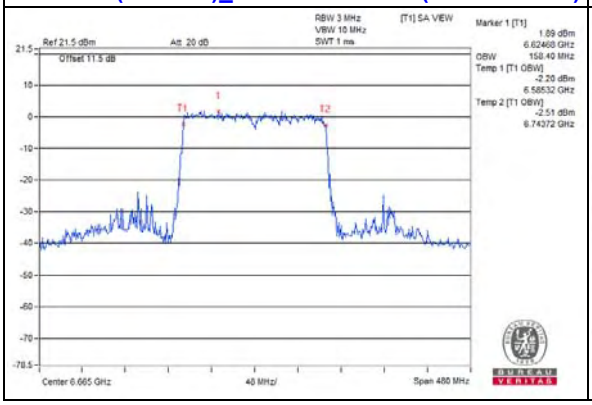
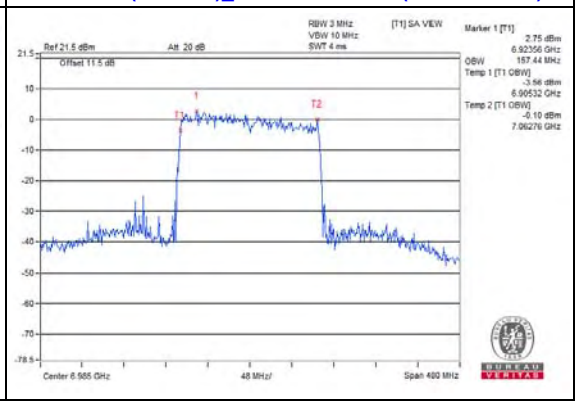
Spectrum Plot of Max. Value	
802.11ax (RU106)_Chain 0 / CH3 (U-NII-5 Band)	**802.11ax (RU106)_Chain 1 / CH107 (U-NII-6 Band)**
	
802.11ax (RU106)_Chain 0 / CH155 (U-NII-7 Band)	**802.11ax (RU106)_Chain 0 / CH219 (U-NII-8 Band)**
	
802.11ax (RU242)_Chain 0 / CH91 (U-NII-5 Band)	**802.11ax (RU242)_Chain 0 / CH107 (U-NII-6 Band)**
	
802.11ax (RU242)_Chain 0 / CH123 (U-NII-7 Band)	**802.11ax (RU242)_Chain 1 / CH219 (U-NII-8 Band)**
	

Spectrum Plot of Max. Value	
802.11ax (RU484)_Chain 0 / CH43 (U-NII-5 Band)	**802.11ax (RU484)_Chain 0 / CH99 (U-NII-6 Band)**
	
802.11ax (RU484)_Chain 0 / CH123 (U-NII-7 Band)	**802.11ax (RU484)_Chain 0 / CH227 (U-NII-8 Band)**
	

80MHz Preamble

Spectrum Plot of Max. Value	
802.11ax (RU996)_Chain 0 / CH7 (U-NII-5 Band)	**802.11ax (RU996)_Chain 0 / CH103 (U-NII-6 Band)**
	
802.11ax (RU996)_Chain 1 / CH151 (U-NII-7 Band)	**802.11ax (RU996)_Chain 1 / CH199 (U-NII-8 Band)**
	

160MHz Preamble

Spectrum Plot of Max. Value	
802.11ax (RU1992)_Chain 0 / CH79 (U-NII-5 Band)	**802.11ax (RU1992)_Chain 0 / CH111 (U-NII-6 Band)**
	
802.11ax (RU1992)_Chain 0 / CH143 (U-NII-7 Band)	**802.11ax (RU1992)_Chain 1 / CH207 (U-NII-8 Band)**
	

26dB Bandwidth:

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
2	5935	19.95	19.47
1	5955	19.97	19.66
45	6175	20.04	19.34
93	6415	19.71	19.26
97	6435	19.64	19.41
105	6475	19.45	19.5
113	6515	19.7	19.14
117	6535	19.71	19.21
149	6695	19.64	19.36
181	6855	19.64	19.15
185	6875	19.57	19.12
209	6995	19.72	19.43
229	7095	19.69	19.4
233	7115	19.79	19.26

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
2	5935	20.92	21.01
1	5955	21.34	21.07
45	6175	20.94	20.87
93	6415	21.28	21.16
97	6435	21.27	21.13
105	6475	21.35	20.99
113	6515	21.1	21.17
117	6535	21.09	21.1
149	6695	21.39	21.09
181	6855	20.91	21.25
185	6875	21.07	20.74
209	6995	21.14	21.19
229	7095	21.1	21.17
233	7115	21.21	21.01

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
3	5965	41.56	41.61
43	6165	41.57	41.68
91	6405	41.47	41.73
99	6445	41.68	41.79
107	6485	41.61	41.59
115	6525	41.63	41.56
123	6565	41.63	41.39
155	6725	41.7	41.82
179	6845	41.47	41.75
187	6885	41.35	41.43
211	7005	41.34	41.53
227	7085	41.52	41.45

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
7	5985	82.45	81.98
39	6145	82.04	82.5
87	6385	82.64	82.57
103	6465	82.38	82.96
119	6545	82.38	82.53
151	6705	82.49	82.28
183	6865	82.23	82.56
199	6945	82.35	81.84
215	7025	81.87	81.85

802.11ax (HE160)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
15	6025	167.77	167.87
47	6185	168.49	167.17
79	6345	168.02	167.77
111	6505	167.54	167.45
143	6665	168.21	166.54
175	6825	167.02	167.75
207	6985	167.71	167.32

20MHz Preamble

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
26/0	2	5935	21.37	21.18
26/0	1	5955	21.45	20.98
26/4	45	6175	19.18	18.74
26/8	93	6415	21	21.02
26/0	97	6435	21.41	21.19
26/4	105	6475	19.18	18.81
26/8	113	6515	21.27	20.8
26/0	117	6535	21.4	21.28
26/4	149	6695	19.2	18.86
26/8	181	6855	21.14	20.83
26/8	185	6875	21.33	21.28
26/0	209	6995	19.26	18.81
26/4	229	7095	21.17	20.85
26/8	233	7115	21.5	20.86

802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
52/37	2	5935	21.99	21.88
52/37	1	5955	22.11	21.91
52/38	45	6175	20.14	19.19
52/40	93	6415	21.25	21.32
52/37	97	6435	21.89	21.72
52/38	105	6475	20.07	19.21
52/40	113	6515	21.54	20.88
52/37	117	6535	22.18	21.76
52/38	149	6695	20.12	19.23
52/40	181	6855	21.56	20.78
52/40	185	6875	21.89	21.71
52/37	209	6995	19.77	19.07
52/38	229	7095	21.55	21.07
52/40	233	7115	21.68	20.95

802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
106/53	2	5935	22.35	21.65
106/53	1	5955	22.46	21.72
106/53	45	6175	22.3	21.72
106/54	93	6415	22.77	21.35
106/53	97	6435	22.18	21.6
106/53	105	6475	22.13	21.43
106/54	113	6515	22.4	21.19
106/53	117	6535	22.49	21.39
106/54	149	6695	22.27	21.39
106/54	181	6855	21.86	21.49
106/54	185	6875	22.08	21.54
106/53	209	6995	21.95	21.22
106/54	229	7095	21.99	21.2
106/54	233	7115	22.07	21.22

802.11ax (RU242)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
242/61	2	5935	23.76	24.02
242/61	1	5955	23.6	23.93
242/61	45	6175	23.96	23.58
242/61	93	6415	23.93	23.84
242/61	97	6435	23.78	24.15
242/61	105	6475	23.79	23.92
242/61	113	6515	23.67	23.62
242/61	117	6535	23.55	24.19
242/61	149	6695	24.07	23.65
242/61	181	6855	23.56	23.67
242/61	185	6875	23.76	23.59
242/61	209	6995	23.51	23.35
242/61	229	7095	23.36	23.87
242/61	233	7115	23.53	23.62

40MHz Preamble

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
26/9	3	5965	38.97	38.96
26/27	43	6165	39.41	39.04
26/27	91	6405	39.48	39.01
26/9	99	6445	39.11	39.16
26/27	107	6485	39.4	39
26/27	115	6525	39.19	39.06
26/9	123	6565	39.23	39.07
26/9	155	6725	39.48	39.04
26/27	179	6845	39.18	39.08
26/9	187	6885	39.46	38.94
26/9	211	7005	39.31	39.04
26/27	219	7045	39.51	38.89

802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
52/41	3	5965	39.26	39.36
52/48	43	6165	39.67	39.11
52/48	91	6405	39.63	39.33
52/41	99	6445	39.13	39.54
52/41	107	6485	39.75	39.23
52/48	115	6525	39.51	39.49
52/41	123	6565	39.76	39.29
52/41	155	6725	39.44	39.31
52/48	179	6845	39.48	39.45
52/41	187	6885	39.43	39.48
52/41	211	7005	39.46	39.51
52/48	219	7045	39.29	39.38

802.11ax (RU106)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
106/55	3	5965	41.02	40.23
106/58	43	6165	41.41	40.3
106/58	91	6405	41.14	40.34
106/55	99	6445	41.33	39.73
106/58	107	6485	41.15	40.53
106/58	115	6525	41.62	40.21
106/55	123	6565	39.57	40.45
106/55	155	6725	40.97	40.38
106/58	179	6845	41.71	40.29
106/55	187	6885	41.38	40.47
106/55	211	7005	41.28	40.14
106/58	219	7045	41.45	40.42

802.11ax (RU242)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
242/63	3	5965	44.48	43.55
242/62	43	6165	44.36	45.55
242/62	91	6405	44.76	45.4
242/63	99	6445	44.14	43.56
242/62	107	6485	44.64	45.33
242/62	115	6525	44.05	43.66
242/63	123	6565	44.73	45.32
242/63	155	6725	44.83	45.12
242/62	179	6845	44.34	43.67
242/63	187	6885	44.87	45.32
242/63	211	7005	44.34	43.64
242/62	219	7045	44.74	45.77

802.11ax (RU484)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
484/65	3	5965	46.3	45.71
484/65	43	6165	46.76	45.92
484/65	91	6405	46.36	46.31
484/65	99	6445	46.65	45.71
484/65	107	6485	46.69	46.23
484/65	115	6525	46.76	45.68
484/65	123	6565	46.86	45.68
484/65	155	6725	46.29	46.49
484/65	179	6845	46.48	45.86
484/65	187	6885	46.4	46.32
484/65	211	7005	46.4	45.71
484/65	227	7085	46.34	46.39

80MHz Preamble

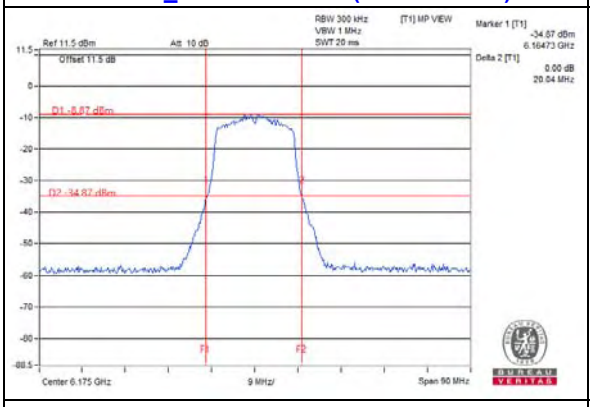
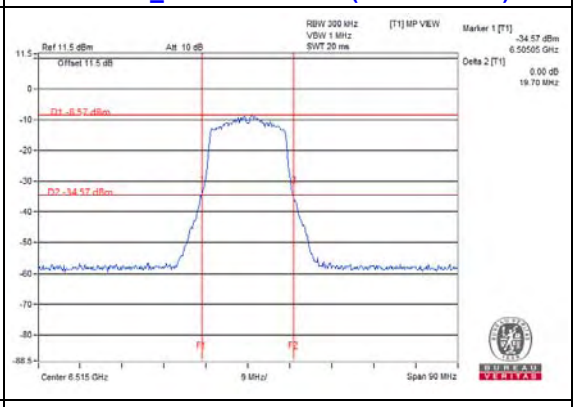
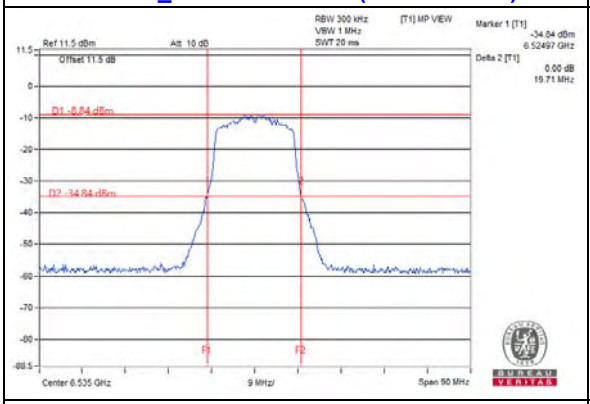
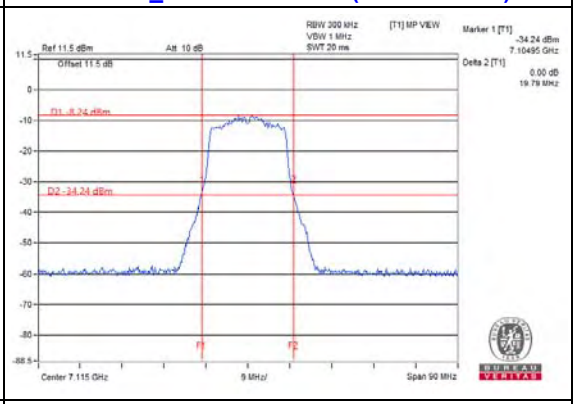
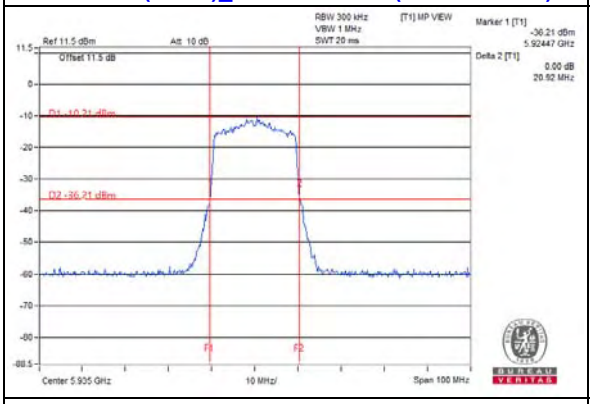
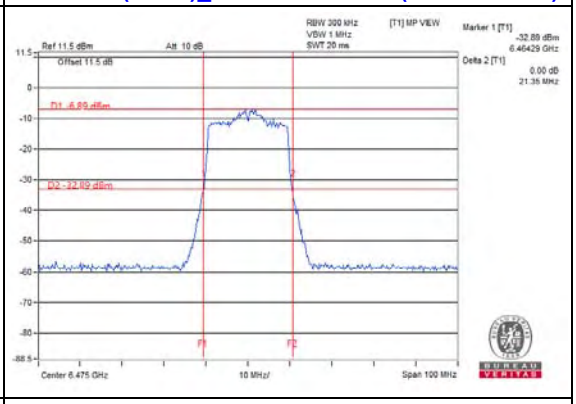
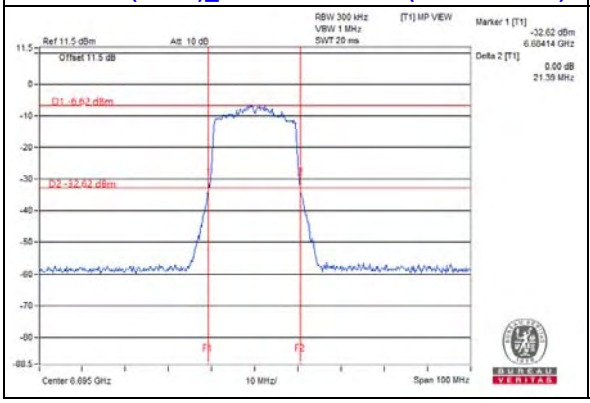
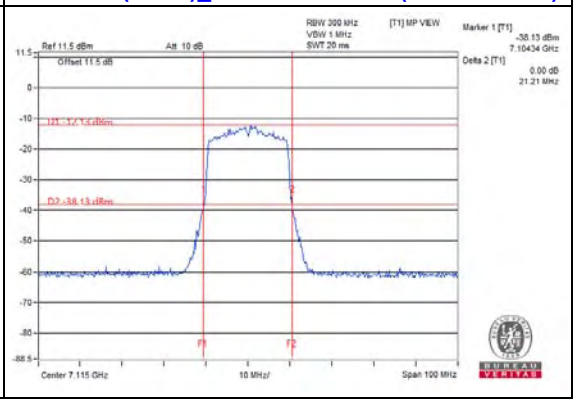
802.11ax (RU996)

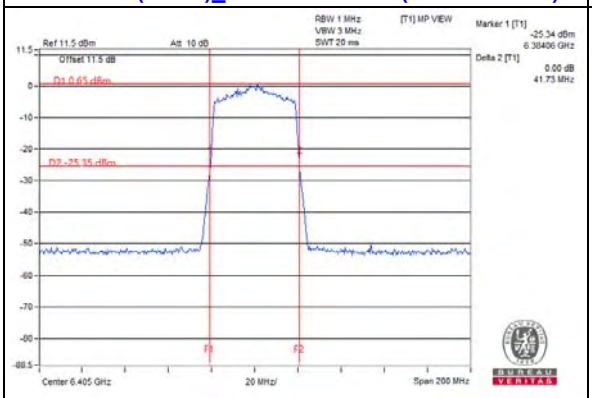
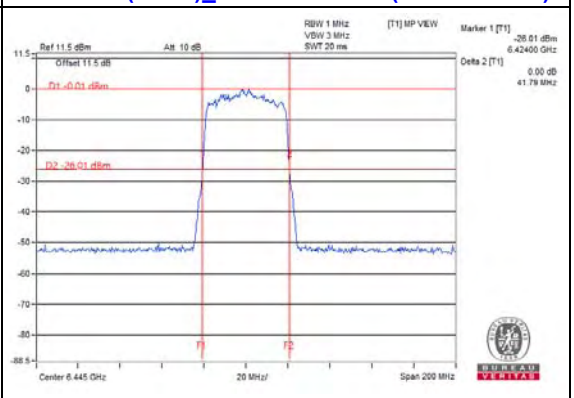
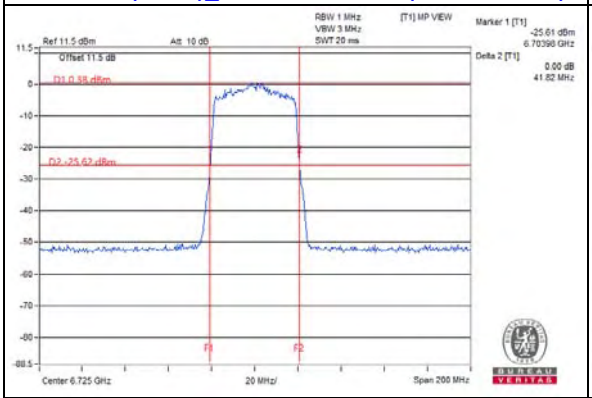
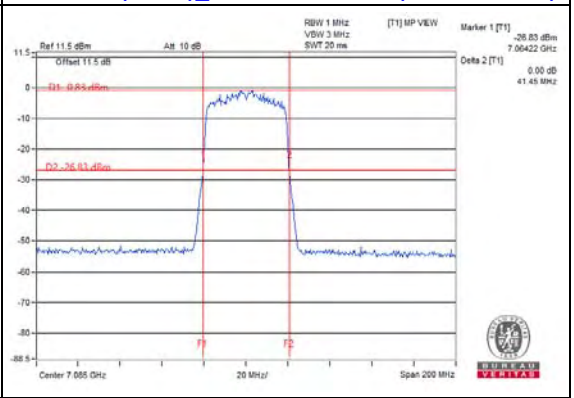
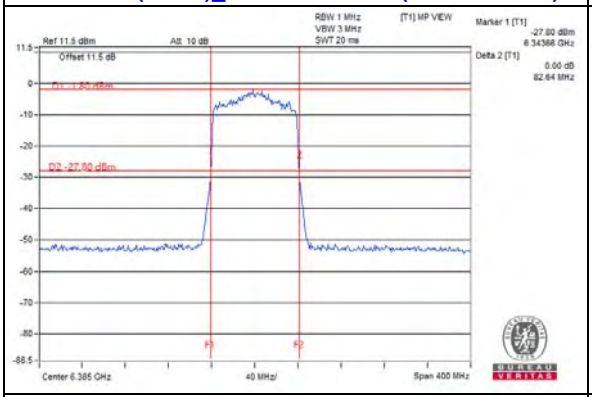
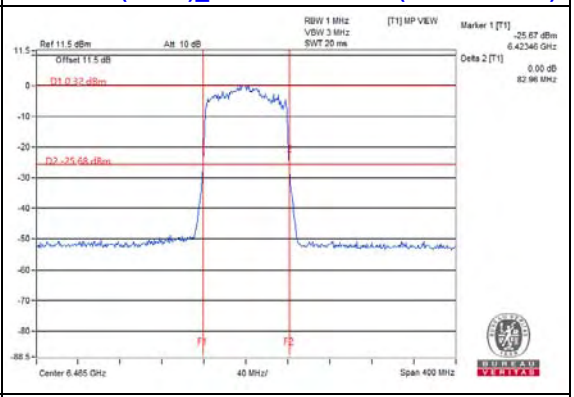
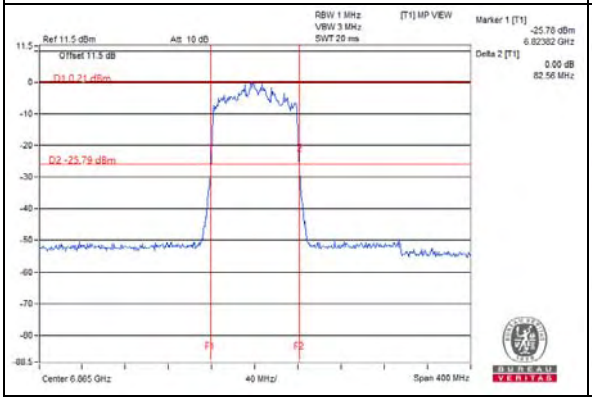
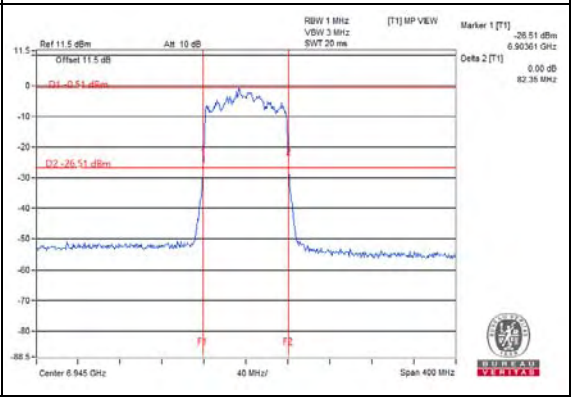
RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
996/67	7	5985	90.35	89.52
996/67	39	6145	90.49	88.76
996/67	87	6385	91.76	90.01
996/67	103	6465	90.97	89.12
996/67	119	6545	91.55	89.6
996/67	151	6705	91.1	89.72
996/67	183	6865	91.63	89
996/67	199	6945	91.81	88.73
996/67	215	7025	91.13	88.46

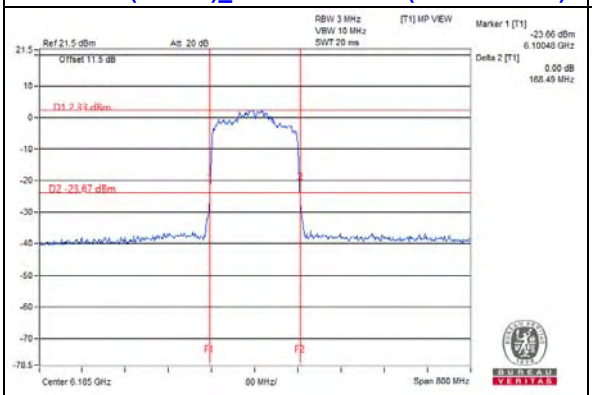
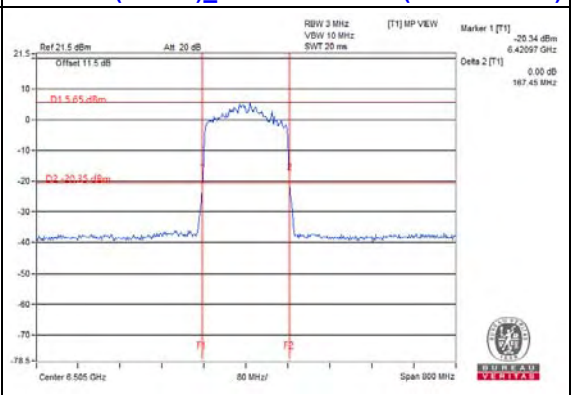
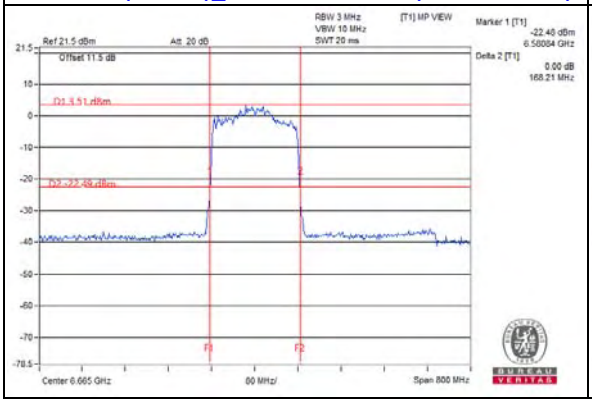
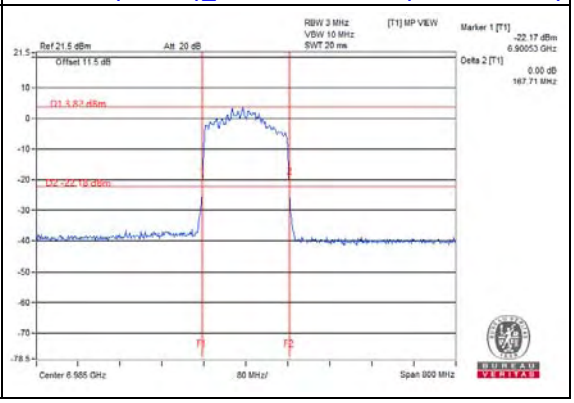
160MHz Preamble

802.11ax (RU1992)

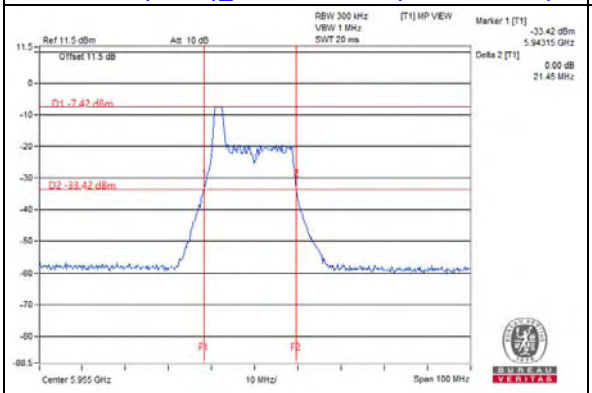
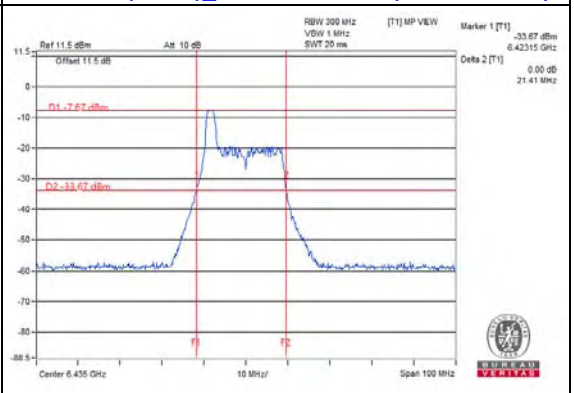
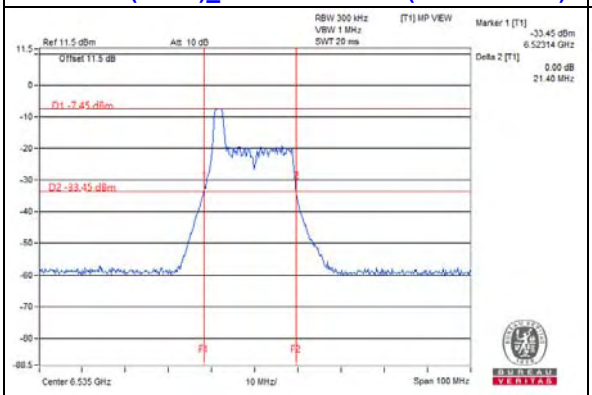
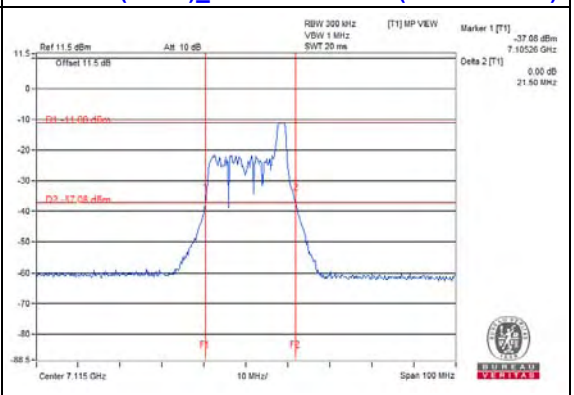
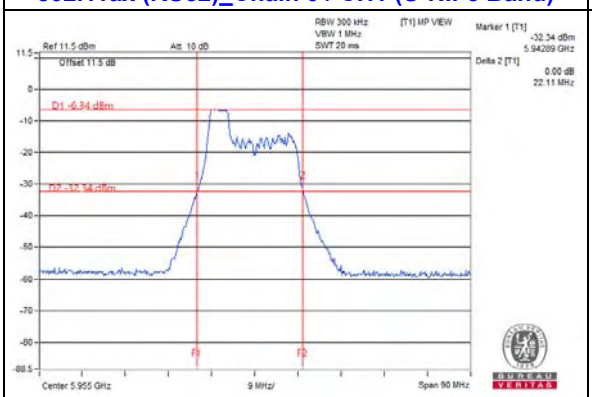
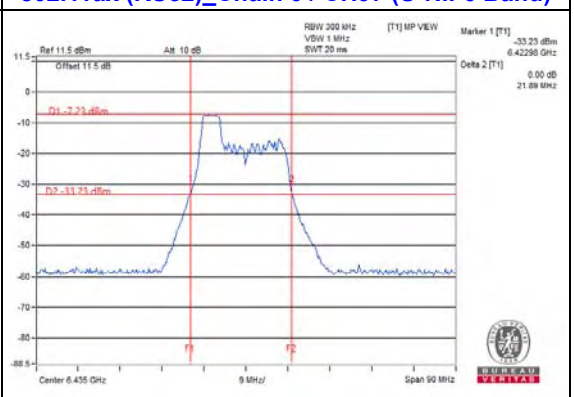
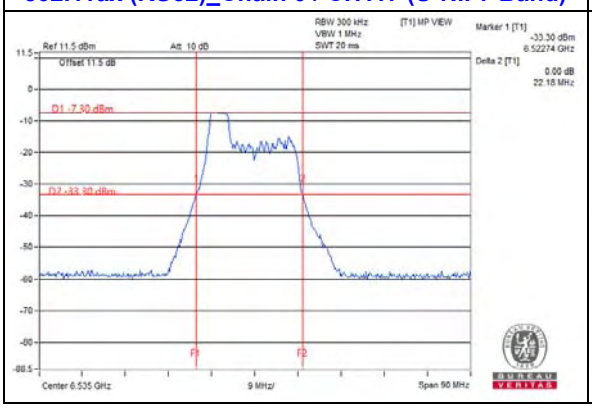
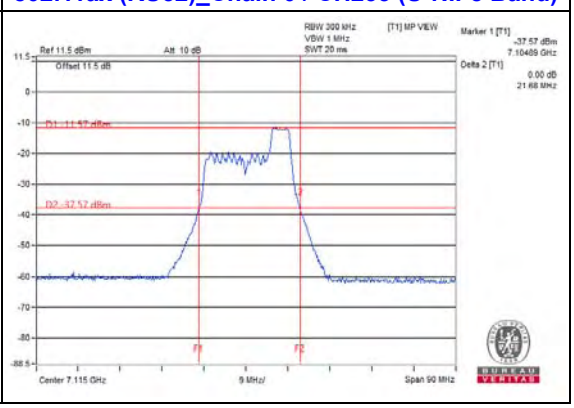
RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
1992/68	15	6025	219.67	216.33
1992/68	47	6185	217.15	217.4
1992/68	79	6345	217.99	284.43
1992/68	111	6505	176.99	174.15
1992/68	143	6665	178.1	286.4
1992/68	175	6825	177.49	174.63
1992/68	207	6985	175.61	172.71

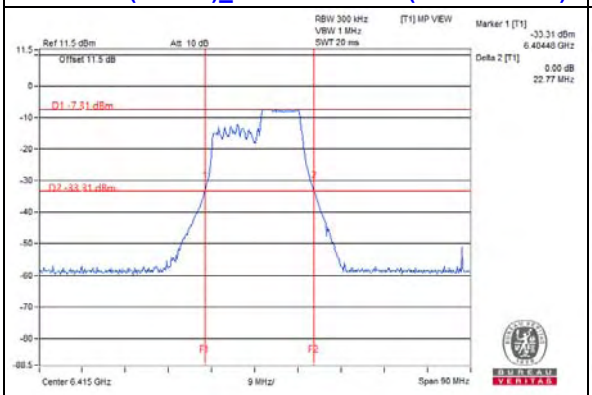
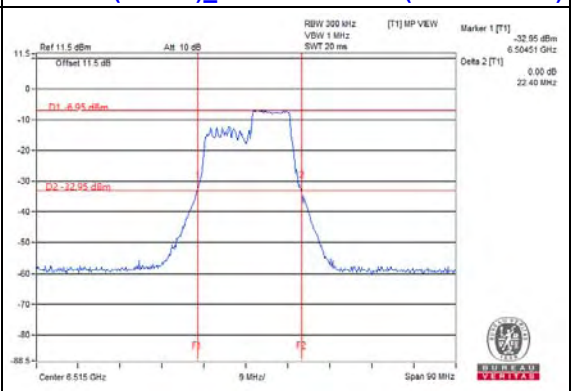
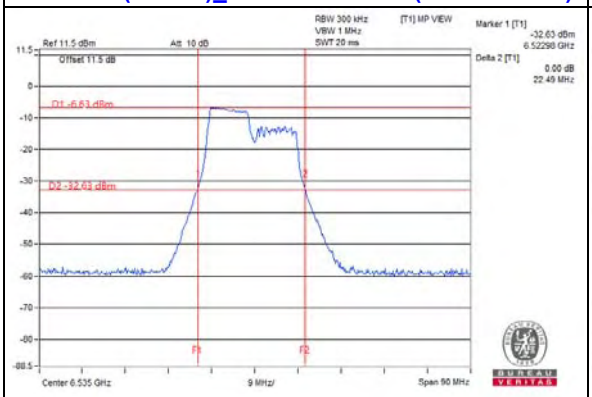
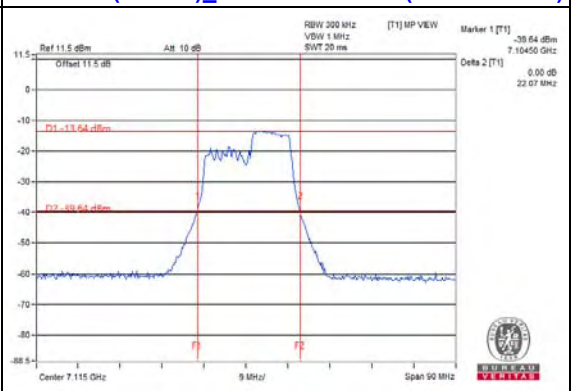
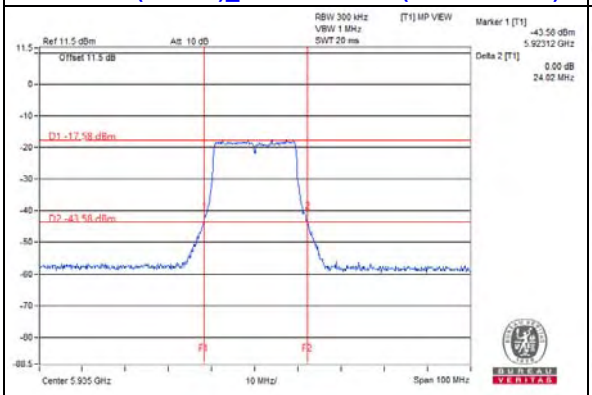
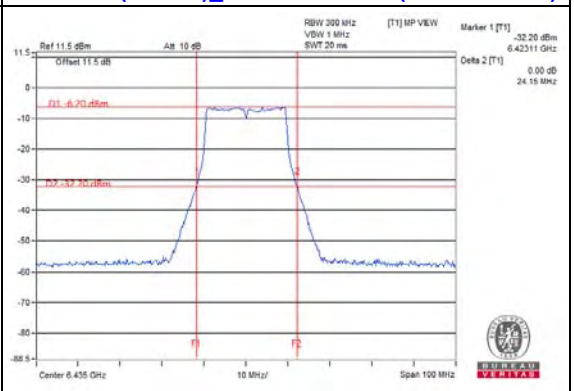
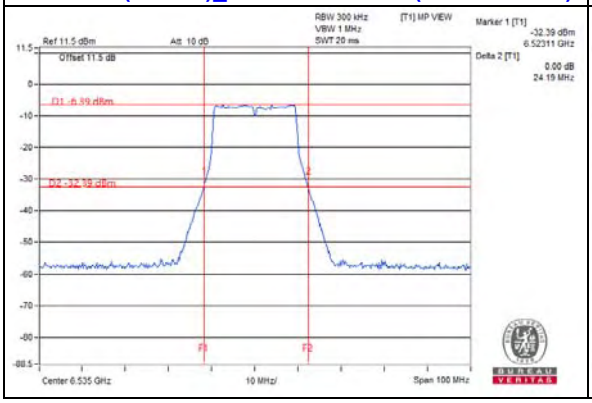
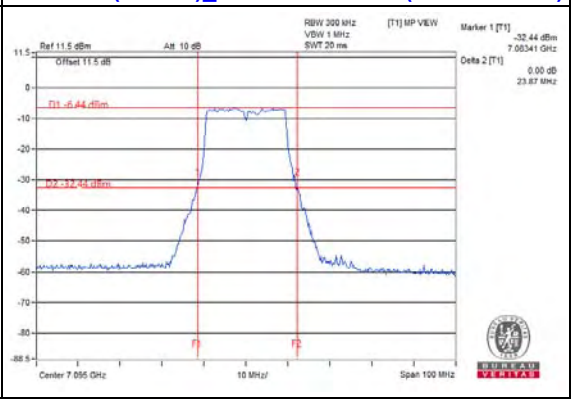
Spectrum Plot of Max. Value	
802.11a_Chain 0 / CH45 (U-NII-5 Band)	**802.11a_Chain 0 / CH113 (U-NII-6 Band)**
	
802.11a_Chain 0 / CH117 (U-NII-7 Band)	**802.11a_Chain 0 / CH233 (U-NII-8 Band)**
	
802.11ax (HE20)_Chain 0 / CH1 (U-NII-5 Band)	**802.11ax (HE20)_Chain 0 / CH105 (U-NII-6 Band)**
	
802.11ax (HE20)_Chain 0 / CH149 (U-NII-7 Band)	**802.11ax (HE20)_Chain 0 / CH233 (U-NII-8 Band)**
	

Spectrum Plot of Max. Value	
802.11ax (HE40)_Chain 1 / CH91 (U-NII-5 Band)	**802.11ax (HE40)_Chain 1 / CH99 (U-NII-6 Band)**
	
802.11ax (HE40)_Chain 1 / CH155 (U-NII-7 Band)	**802.11ax (HE40)_Chain 0 / CH227 (U-NII-8 Band)**
	
802.11ax (HE80)_Chain 0 / CH87 (U-NII-5 Band)	**802.11ax (HE80)_Chain 1 / CH103 (U-NII-6 Band)**
	
802.11ax (HE80)_Chain 1 / CH183 (U-NII-7 Band)	**802.11ax (HE80)_Chain 0 / CH199 (U-NII-8 Band)**
	

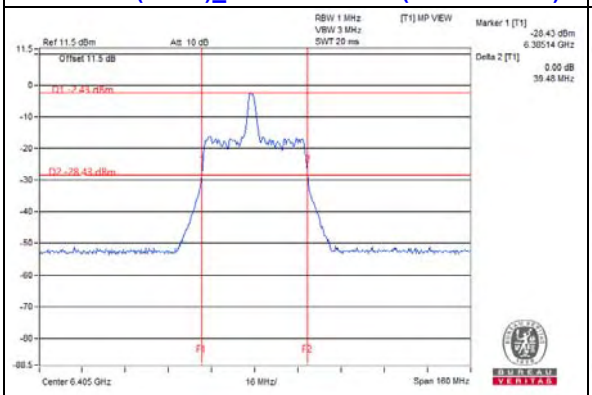
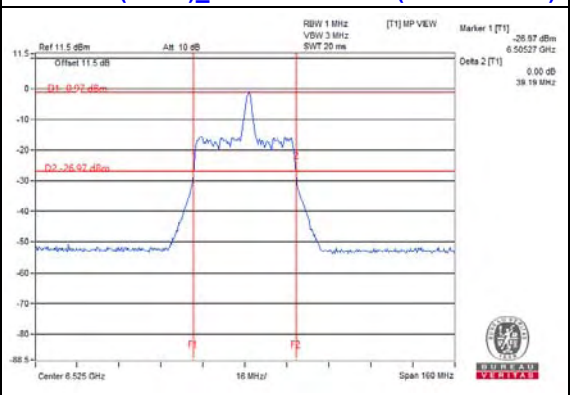
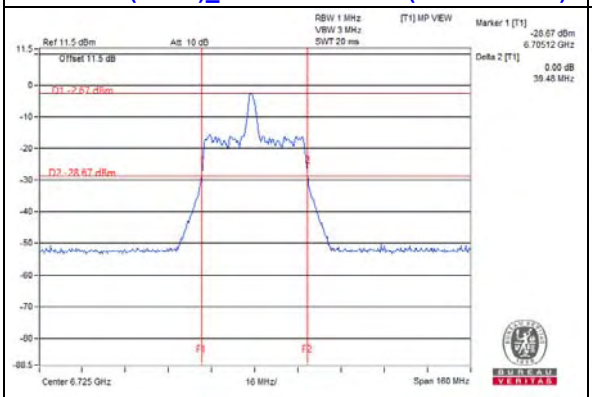
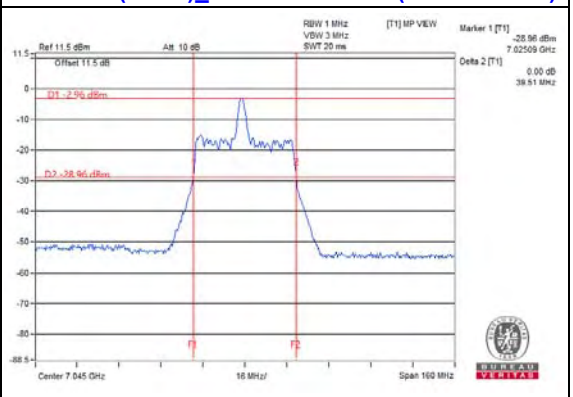
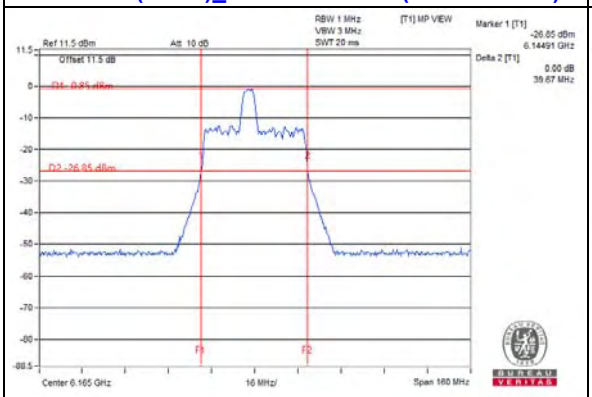
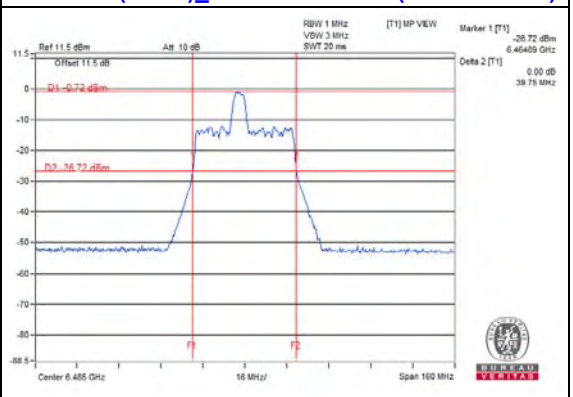
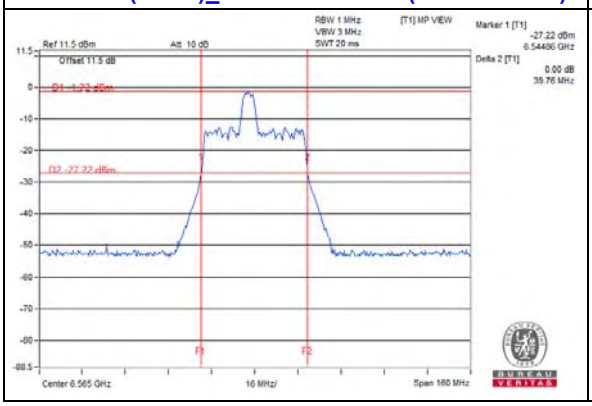
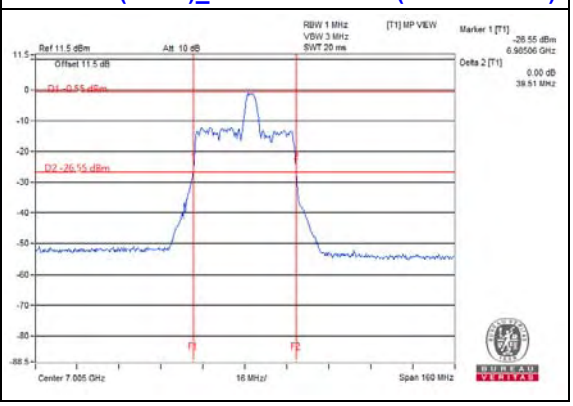
Spectrum Plot of Max. Value	
802.11ax (HE160)_Chain 0 / CH47 (U-NII-5 Band)	**802.11ax (HE160)_Chain 1 / CH111 (U-NII-6 Band)**
	
802.11ax (HE160)_Chain 0 / CH143 (U-NII-7 Band)	**802.11ax (HE160)_Chain 0 / CH207 (U-NII-8 Band)**
	

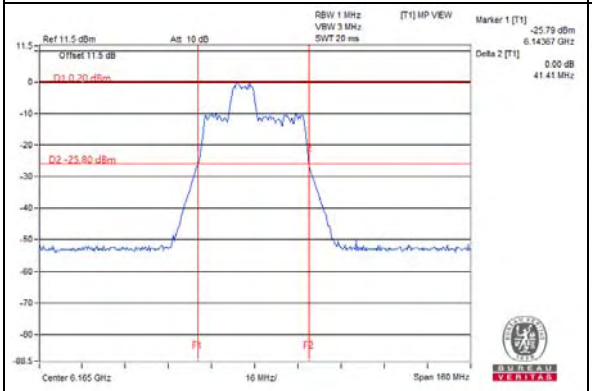
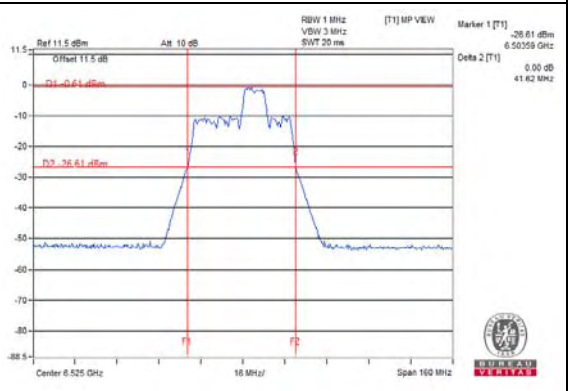
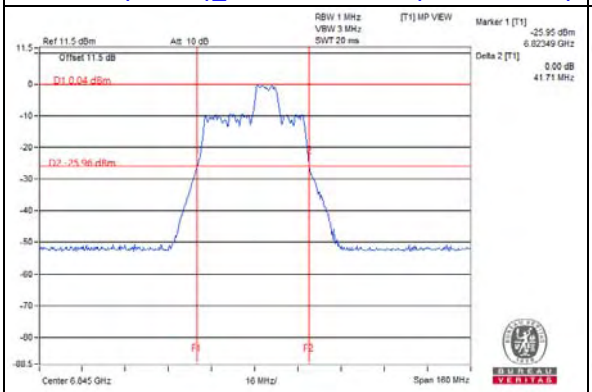
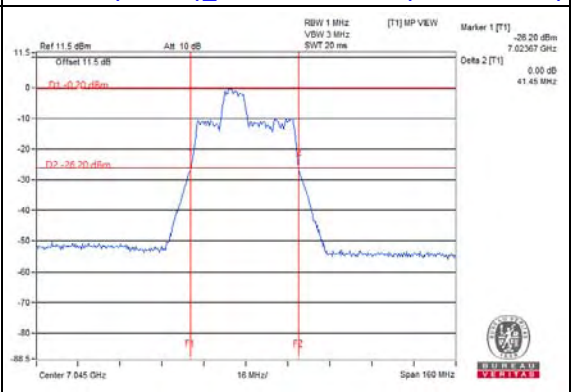
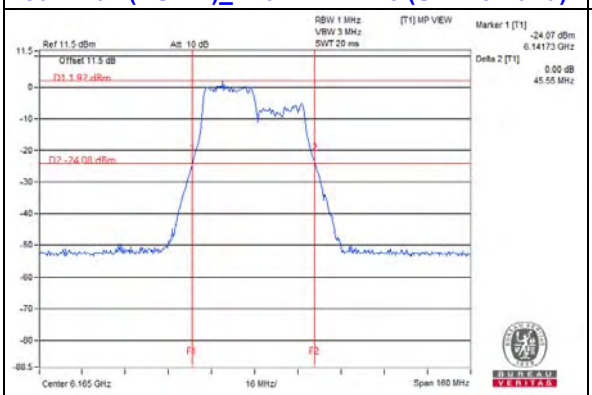
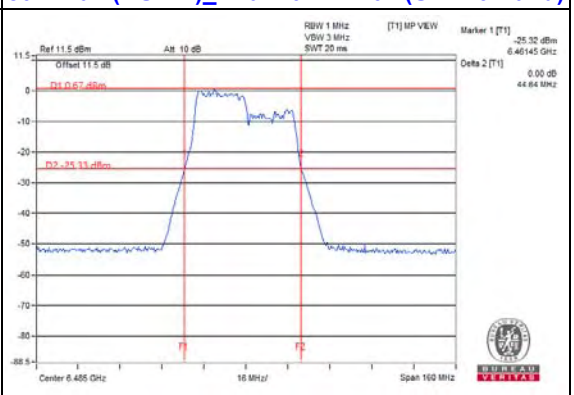
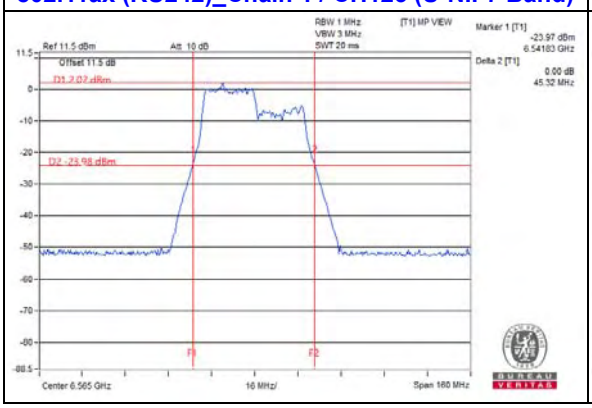
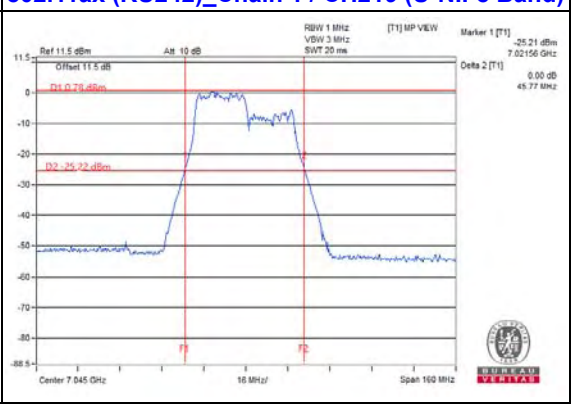
20MHz Preamble

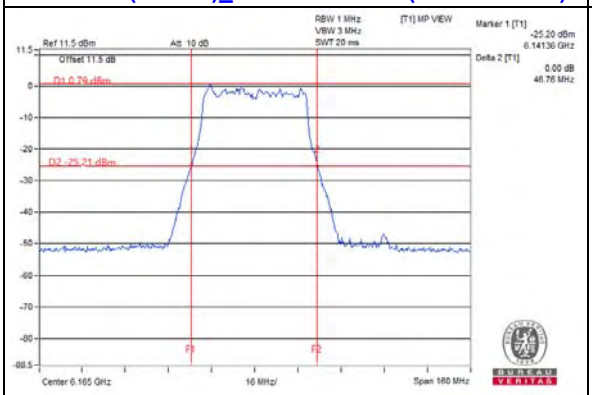
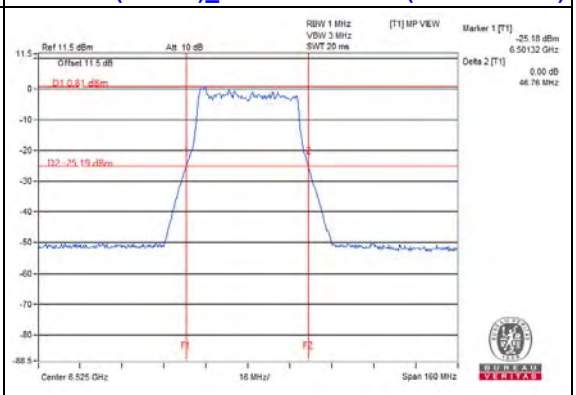
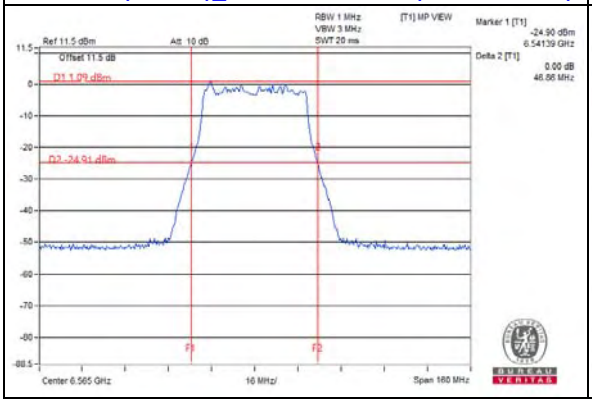
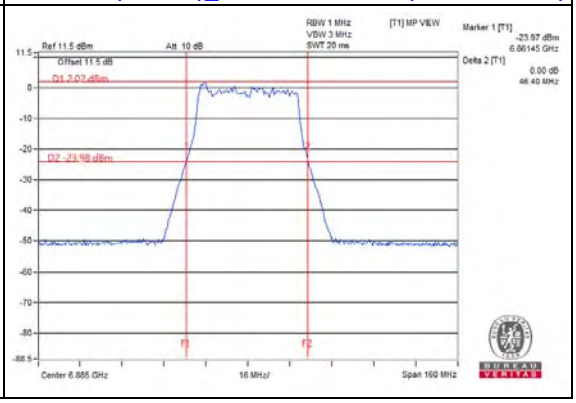
Spectrum Plot of Max. Value	
802.11ax (RU26)_Chain 0 / CH1 (U-NII-5 Band)	**802.11ax (RU26)_Chain 0 / CH97 (U-NII-6 Band)**
	
802.11ax (RU26)_Chain 0 / CH117 (U-NII-7 Band)	**802.11ax (RU26)_Chain 0 / CH233 (U-NII-8 Band)**
	
802.11ax (RU52)_Chain 0 / CH1 (U-NII-5 Band)	**802.11ax (RU52)_Chain 0 / CH97 (U-NII-6 Band)**
	
802.11ax (RU52)_Chain 0 / CH117 (U-NII-7 Band)	**802.11ax (RU52)_Chain 0 / CH233 (U-NII-8 Band)**
	

Spectrum Plot of Max. Value	
802.11ax (RU106)_Chain 0 / CH93 (U-NII-5 Band)	802.11ax (RU106)_Chain 0 / CH113 (U-NII-6 Band)
	
802.11ax (RU106)_Chain 0 / CH117 (U-NII-7 Band)	802.11ax (RU106)_Chain 0 / CH233 (U-NII-8 Band)
	
802.11ax (RU242)_Chain 1 / CH2 (U-NII-5 Band)	802.11ax (RU242)_Chain 1 / CH97 (U-NII-6 Band)
	
802.11ax (RU242)_Chain 1 / CH117 (U-NII-7 Band)	802.11ax (RU242)_Chain 0 / CH229 (U-NII-8 Band)
	

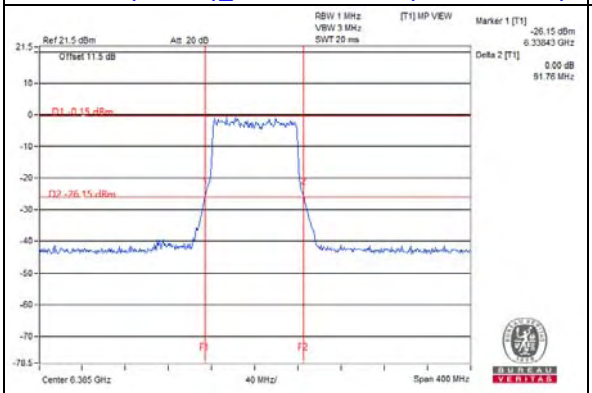
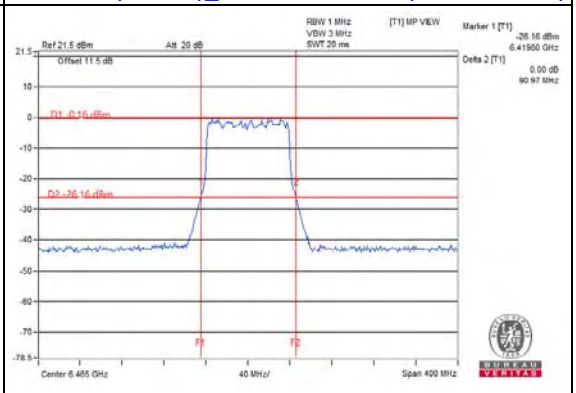
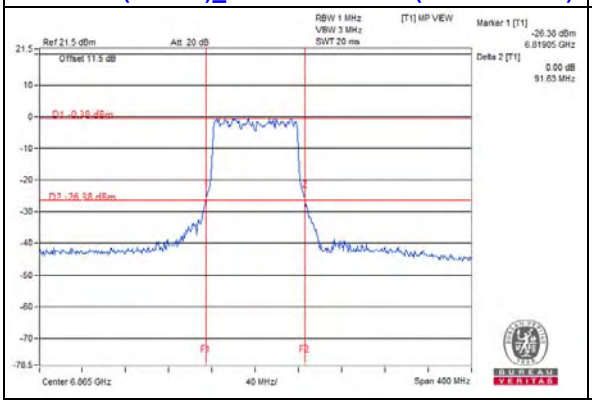
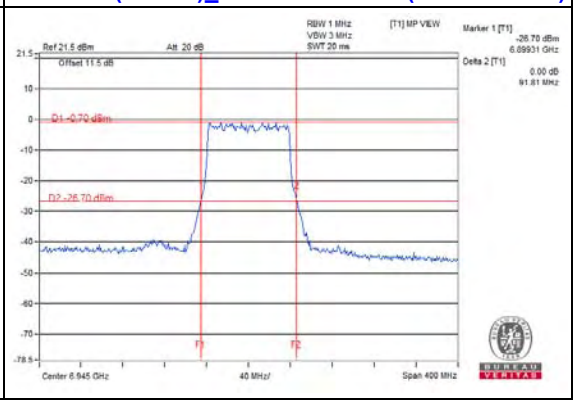
40MHz Preamble

Spectrum Plot of Max. Value	
802.11ax (RU26)_Chain 0 / CH91 (U-NII-5 Band)	**802.11ax (RU26)_Chain 0 / CH115 (U-NII-6 Band)**
	
802.11ax (RU26)_Chain 0 / CH155 (U-NII-7 Band)	**802.11ax (RU26)_Chain 0 / CH219 (U-NII-8 Band)**
	
802.11ax (RU52)_Chain 0 / CH43 (U-NII-5 Band)	**802.11ax (RU52)_Chain 0 / CH107 (U-NII-6 Band)**
	
802.11ax (RU52)_Chain 0 / CH123 (U-NII-7 Band)	**802.11ax (RU52)_Chain 1 / CH211 (U-NII-8 Band)**
	

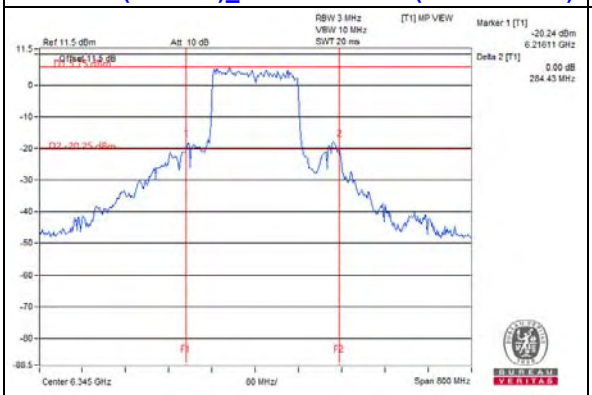
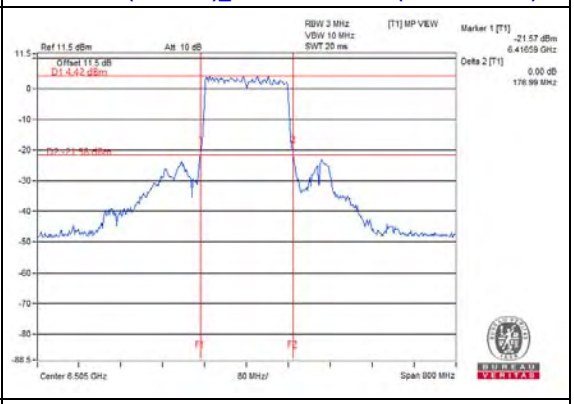
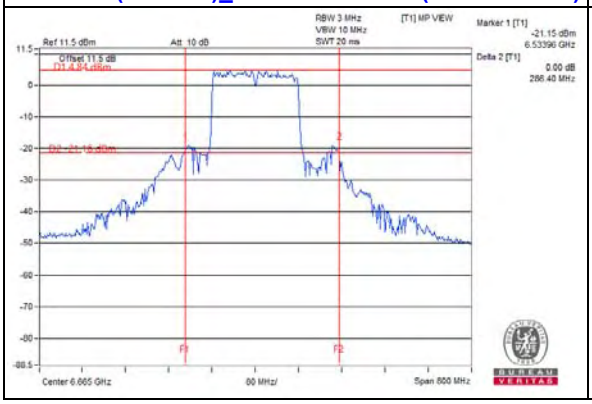
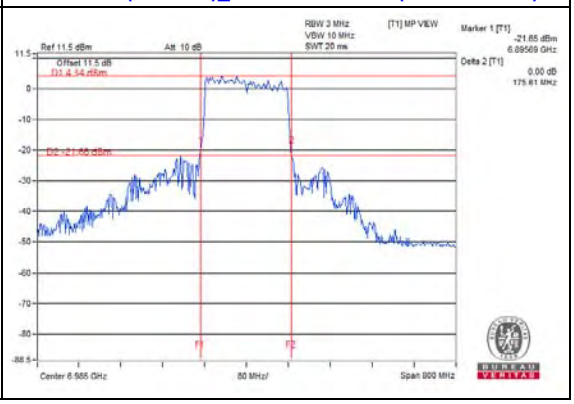
Spectrum Plot of Max. Value	
802.11ax (RU106)_Chain 0 / CH43 (U-NII-5 Band)	**802.11ax (RU106)_Chain 0 / CH115 (U-NII-6 Band)**
	
802.11ax (RU106)_Chain 0 / CH179 (U-NII-7 Band)	**802.11ax (RU106)_Chain 0 / CH219 (U-NII-8 Band)**
	
802.11ax (RU242)_Chain 1 / CH43 (U-NII-5 Band)	**802.11ax (RU242)_Chain 0 / CH107 (U-NII-6 Band)**
	
802.11ax (RU242)_Chain 1 / CH123 (U-NII-7 Band)	**802.11ax (RU242)_Chain 1 / CH219 (U-NII-8 Band)**
	

Spectrum Plot of Max. Value	
802.11ax (RU484)_Chain 0 / CH43 (U-NII-5 Band)	**802.11ax (RU484)_Chain 0 / CH115 (U-NII-6 Band)**
	
802.11ax (RU484)_Chain 0 / CH123 (U-NII-7 Band)	**802.11ax (RU484)_Chain 0 / CH187 (U-NII-8 Band)**
	

80MHz Preamble

Spectrum Plot of Max. Value	
802.11ax (RU996)_Chain 0 / CH87 (U-NII-5 Band)	**802.11ax (RU996)_Chain 0 / CH103 (U-NII-6 Band)**
	
802.11ax (RU996)_Chain 0 / CH183 (U-NII-7 Band)	**802.11ax (RU996)_Chain 0 / CH199 (U-NII-8 Band)**
	

160MHz Preamble

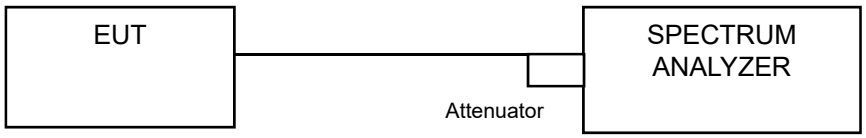
Spectrum Plot of Max. Value	
802.11ax (RU1992)_Chain 1 / CH79 (U-NII-5 Band)	**802.11ax (RU1992)_Chain 0 / CH111 (U-NII-6 Band)**
	
802.11ax (RU1992)_Chain 1 / CH143 (U-NII-7 Band)	**802.11ax (RU1992)_Chain 0 / CH207 (U-NII-8 Band)**
	

4.6 Peak Power Spectral Density Measurement

4.6.1 Limits of Peak Power Spectral Density Measurement

Operation Band	EUT Category	Limit
		Peak Power Density (EIRP)
U-NII-5 U-NII-6 U-NII-7 U-NII-8	Dual Client Devices (controlled of an indoor AP)	-1 dBm/MHz
U-NII-5 U-NII-7	Dual Client Devices (controlled of an standard power AP)	17 dBm/MHz

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

Using method SA-2

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz
c. Sweep time = auto, trigger set to “free run”.
d. Detector = RMS
e. Trace average at least 100 traces in power averaging mode.
f. Record the max value and add 10 log (1/duty cycle)

Depends KDB 662911, the directional gain calculation as below,

CDD mode directional gain = GANT + Array Gain (Array Gain = 0 dBi)
U-NII-5: Directional Gain = 5.14 dBi + 0 dB = 5.14 dBi
U-NII-6: Directional Gain = 5.09 dBi + 0 dB = 5.08 dBi
U-NII-7: Directional Gain = 5.16 dBi + 0 dB = 5.16 dBi
U-NII-8: Directional Gain = 5.12 dBi + 0 dB = 5.12 dBi

Beamforming mode directional gain = GANT + Array Gain (Array Gain = 10 log (2))
U-NII-5: Directional Gain = 5.14 dBi + 3.01 dB = 8.15 dBi
U-NII-6: Directional Gain = 5.09 dBi + 3.01 dB = 8.10 dBi
U-NII-7: Directional Gain = 5.16 dBi + 3.01 dB = 8.17 dBi
U-NII-8: Directional Gain = 5.12 dBi + 3.01 dB = 8.13 dBi

Beamforming mode directional gain were used into calculation EIRP PSD.

4.6.5 EUT Operating Condition

Same as Item 4.3.6.

4.6.6 Test Results (Mode 1)

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
2	5935	-2.02	-1.34	1.34	8.15	9.49	17.00	Pass
1	5955	4.49	5.24	7.89	8.15	16.04	17.00	Pass
45	6175	4.07	4.49	7.30	8.15	15.45	17.00	Pass
93	6415	3.67	5.23	7.53	8.15	15.68	17.00	Pass
117	6535	2.55	5.64	7.37	8.17	15.54	17.00	Pass
149	6695	3.62	4.98	7.36	8.17	15.53	17.00	Pass
181	6855	3.90	5.93	8.04	8.17	16.21	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
2	5935	-16.90	-16.38	-13.62	8.15	-5.47	17.00	Pass
1	5955	3.98	4.61	7.32	8.15	15.47	17.00	Pass
45	6175	2.73	4.35	6.63	8.15	14.78	17.00	Pass
93	6415	3.20	4.78	7.07	8.15	15.22	17.00	Pass
117	6535	2.68	4.92	6.95	8.17	15.12	17.00	Pass
149	6695	2.95	4.51	6.81	8.17	14.98	17.00	Pass
181	6855	3.94	5.27	7.67	8.17	15.84	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
3	5965	0.52	1.34	3.96	8.15	12.11	17.00	Pass
43	6165	-0.49	1.37	3.55	8.15	11.70	17.00	Pass
91	6405	0.12	1.64	3.96	8.15	12.11	17.00	Pass
123	6565	-1.04	1.81	3.63	8.17	11.80	17.00	Pass
155	6725	-0.22	1.66	3.83	8.17	12.00	17.00	Pass
179	6845	0.22	1.94	4.17	8.17	12.34	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
7	5985	-2.81	-1.98	0.64	8.15	8.79	17.00	Pass
39	6145	-2.37	-2.09	0.78	8.15	8.93	17.00	Pass
87	6385	-3.07	-1.09	1.04	8.15	9.19	17.00	Pass
135	6625	-2.98	-1.70	0.72	8.17	8.89	17.00	Pass
151	6705	-3.07	-1.12	1.02	8.17	9.19	17.00	Pass
167	6785	-3.01	-1.74	0.68	8.17	8.85	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-5.75	-4.85	-2.27	8.15	5.88	17.00	Pass
47	6185	-6.57	-5.07	-2.74	8.15	5.41	17.00	Pass
79	6345	-6.44	-5.04	-2.67	8.15	5.48	17.00	Pass
143	6665	-6.98	-5.07	-2.91	8.17	5.26	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

20MHz Preamble

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
26/0	2	5935	-18.64	-18.54	-15.58	8.15	-7.43	17.00	Pass
26/0	1	5955	5.65	5.98	8.83	8.15	16.98	17.00	Pass
26/4	45	6175	4.30	6.06	8.28	8.15	16.43	17.00	Pass
26/8	93	6415	4.28	6.92	8.81	8.15	16.96	17.00	Pass
26/0	117	6535	4.90	6.20	8.61	8.17	16.78	17.00	Pass
26/4	149	6695	4.81	6.01	8.46	8.17	16.63	17.00	Pass
26/8	181	6855	4.42	6.79	8.77	8.17	16.94	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
52/37	2	5935	-19.53	-19.05	-16.27	8.15	-8.12	17.00	Pass
52/37	1	5955	5.52	5.94	8.75	8.15	16.90	17.00	Pass
52/38	45	6175	4.73	6.55	8.74	8.15	16.89	17.00	Pass
52/40	93	6415	4.24	6.60	8.59	8.15	16.74	17.00	Pass
52/37	117	6535	5.40	6.11	8.78	8.17	16.95	17.00	Pass
52/38	149	6695	4.46	6.60	8.67	8.17	16.84	17.00	Pass
52/40	181	6855	3.81	6.76	8.54	8.17	16.71	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
106/53	2	5935	-21.45	-21.18	-18.30	8.15	-10.15	17.00	Pass
106/53	1	5955	5.20	6.32	8.81	8.15	16.96	17.00	Pass
106/53	45	6175	5.05	6.13	8.63	8.15	16.78	17.00	Pass
106/54	93	6415	4.37	6.74	8.73	8.15	16.88	17.00	Pass
106/53	117	6535	4.78	6.62	8.81	8.17	16.98	17.00	Pass
106/54	149	6695	5.04	6.33	8.74	8.17	16.91	17.00	Pass
106/54	181	6855	4.00	6.64	8.53	8.17	16.70	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (RU242)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
242/61	2	5935	-21.87	-21.52	-18.68	8.15	-10.53	17.00	Pass
242/61	1	5955	3.73	4.12	6.94	8.15	15.09	17.00	Pass
242/61	45	6175	3.38	4.18	6.81	8.15	14.96	17.00	Pass
242/61	93	6415	3.38	4.46	6.96	8.15	15.11	17.00	Pass
242/61	117	6535	2.95	4.16	6.61	8.17	14.78	17.00	Pass
242/61	149	6695	3.58	4.23	6.93	8.17	15.10	17.00	Pass
242/61	181	6855	3.69	3.86	6.79	8.17	14.96	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

40MHz Preamble

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
26/9	3	5965	5.59	5.57	8.59	8.15	16.74	17.00	Pass
26/27	43	6165	4.45	6.83	8.81	8.15	16.96	17.00	Pass
26/27	91	6405	4.36	6.59	8.63	8.15	16.78	17.00	Pass
26/9	123	6565	4.40	6.82	8.79	8.17	16.96	17.00	Pass
26/9	155	6725	4.28	6.73	8.69	8.17	16.86	17.00	Pass
26/27	179	6845	5.50	5.86	8.69	8.17	16.86	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi

For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
52/41	3	5965	5.82	5.64	8.74	8.15	16.89	17.00	Pass
52/48	43	6165	5.09	6.44	8.83	8.15	16.98	17.00	Pass
52/48	91	6405	4.59	6.72	8.79	8.15	16.94	17.00	Pass
52/41	123	6565	4.43	6.43	8.55	8.17	16.72	17.00	Pass
52/41	155	6725	4.40	6.32	8.48	8.17	16.65	17.00	Pass
52/48	179	6845	5.56	5.75	8.67	8.17	16.84	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi

For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
106/55	3	5965	5.05	6.19	8.67	8.15	16.82	17.00	Pass
106/58	43	6165	4.55	6.00	8.35	8.15	16.50	17.00	Pass
106/58	91	6405	5.56	5.77	8.68	8.15	16.83	17.00	Pass
106/55	123	6565	5.75	5.69	8.73	8.17	16.90	17.00	Pass
106/55	155	6725	5.59	5.34	8.48	8.17	16.65	17.00	Pass
106/58	179	6845	5.43	5.42	8.44	8.17	16.61	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi

For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (RU242)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
242/63	3	5965	3.50	4.69	7.15	8.15	15.30	17.00	Pass
242/62	43	6165	3.27	4.06	6.69	8.15	14.84	17.00	Pass
242/62	91	6405	2.87	3.73	6.33	8.15	14.48	17.00	Pass
242/63	123	6565	3.19	4.07	6.66	8.17	14.83	17.00	Pass
242/63	155	6725	3.57	3.99	6.80	8.17	14.97	17.00	Pass
242/62	179	6845	2.44	4.35	6.51	8.17	14.68	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi

For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

802.11ax (RU484)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
484/65	3	5965	0.10	0.94	3.55	8.15	11.70	17.00	Pass
484/65	43	6165	0.00	1.48	3.81	8.15	11.96	17.00	Pass
484/65	91	6405	-0.11	0.78	3.37	8.15	11.52	17.00	Pass
484/65	123	6565	0.26	1.14	3.73	8.17	11.90	17.00	Pass
484/65	155	6725	0.61	1.04	3.84	8.17	12.01	17.00	Pass
484/65	179	6845	0.37	0.40	3.39	8.17	11.56	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi

For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

80MHz Preamble

802.11ax (RU996)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
996/67	7	5985	-4.62	-4.08	-1.33	8.15	6.82	17.00	Pass
996/67	39	6145	-4.84	-4.00	-1.39	8.15	6.76	17.00	Pass
996/67	87	6385	-4.93	-4.29	-1.59	8.15	6.56	17.00	Pass
996/67	135	6625	-4.96	-3.59	-1.21	8.17	6.96	17.00	Pass
996/67	151	6705	-4.30	-4.69	-1.48	8.17	6.69	17.00	Pass
996/67	167	6785	-4.29	-5.12	-1.67	8.17	6.50	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

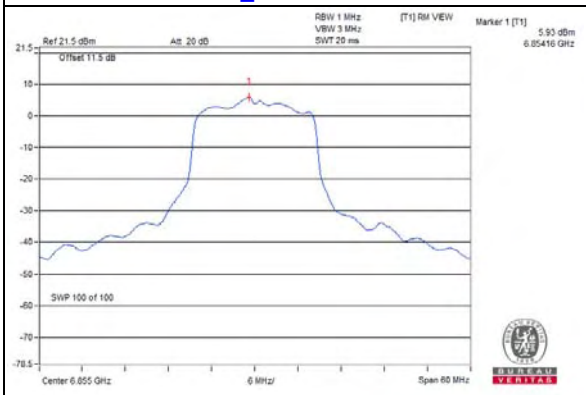
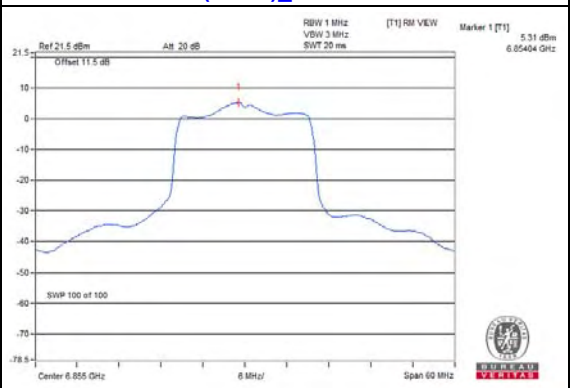
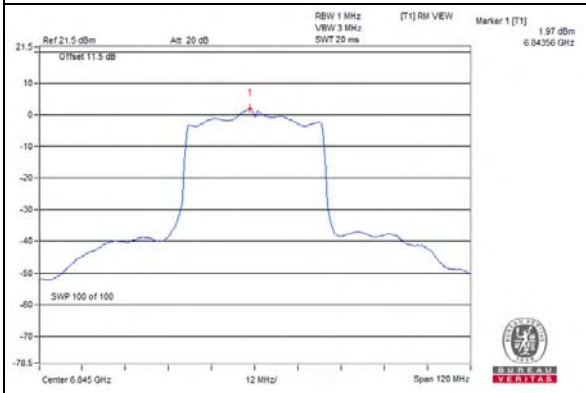
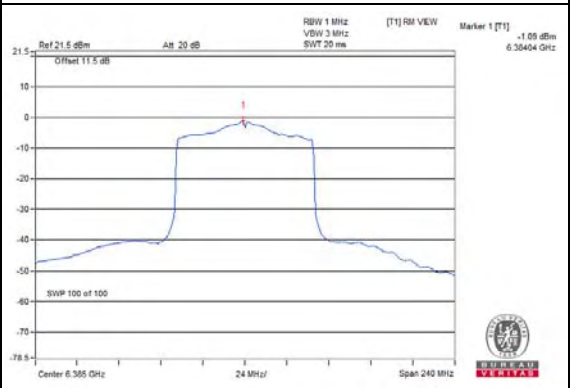
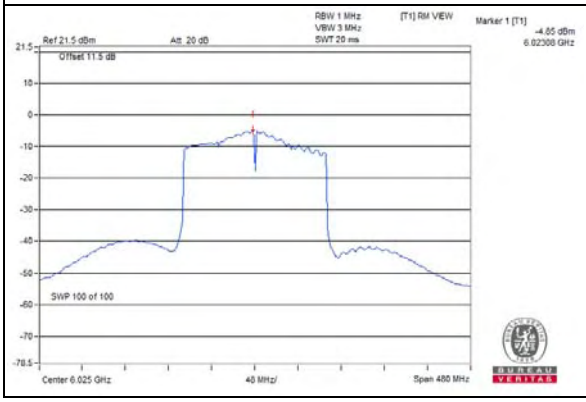
160MHz Preamble

802.11ax (RU1992)

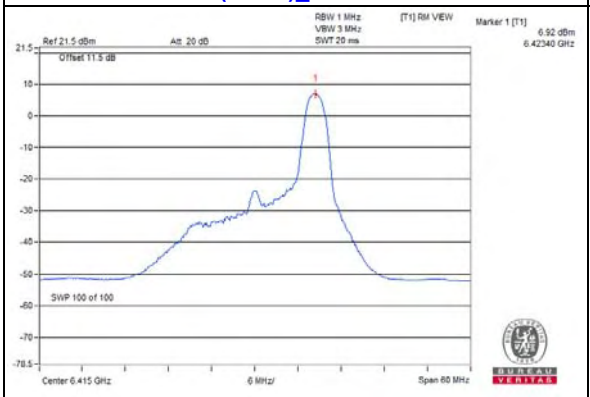
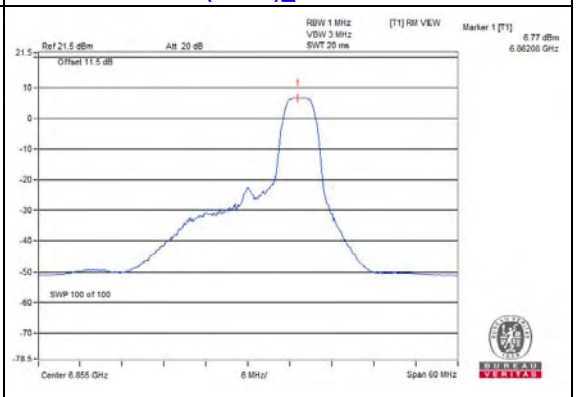
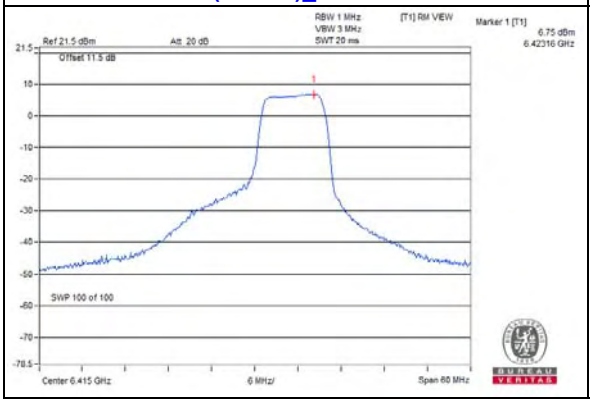
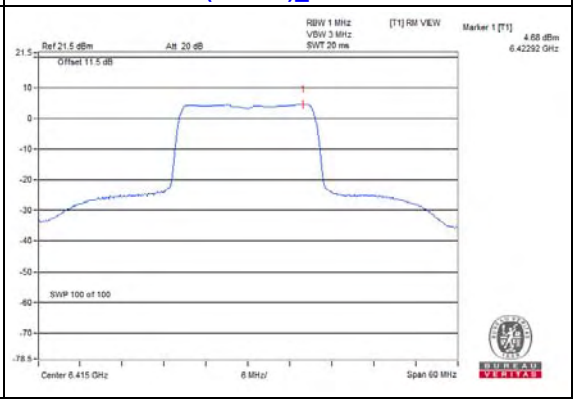
RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
1992/68	15	6025	-10.03	-10.47	-7.23	8.15	0.92	17.00	Pass
1992/68	47	6185	-7.73	-8.89	-5.26	8.15	2.89	17.00	Pass
1992/68	79	6345	-10.09	-9.26	-6.64	8.15	1.51	17.00	Pass
1992/68	143	6665	-8.37	-8.92	-5.63	8.17	2.54	17.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

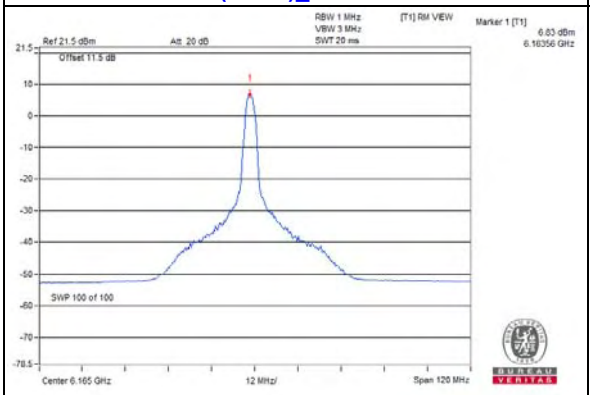
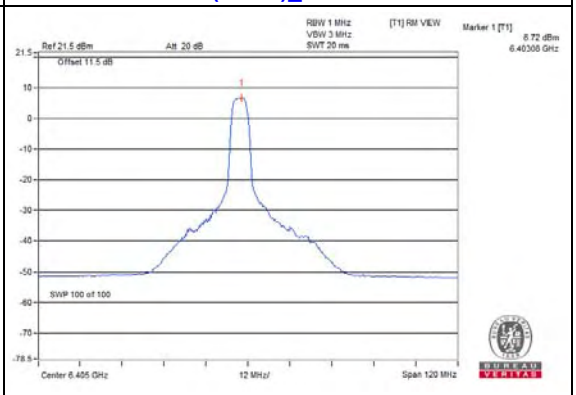
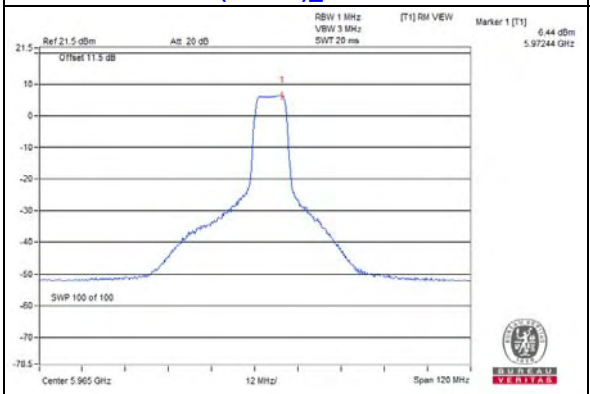
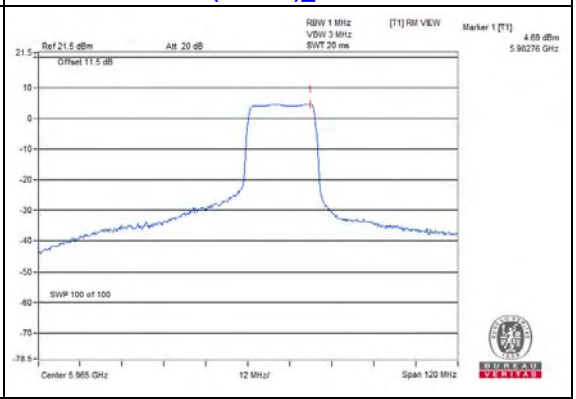
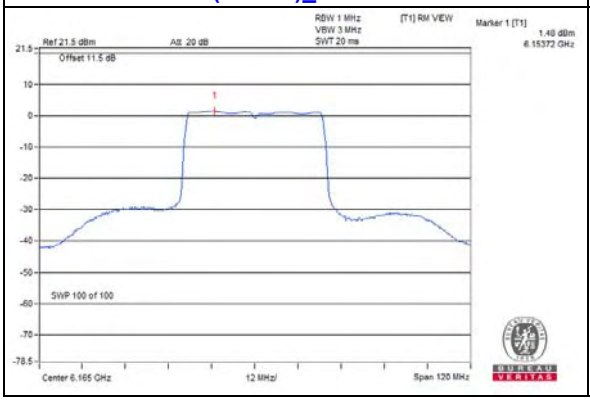
2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

Spectrum Plot of Worst Value	
802.11a_Chain 1 / CH181	**802.11ax (HE20)_Chain 1 / CH181**
	
802.11ax (HE40)_Chain 1 / CH179	**802.11ax (HE80)_Chain 1 / CH87**
	
802.11ax (HE160)_Chain 1 / CH15	
	

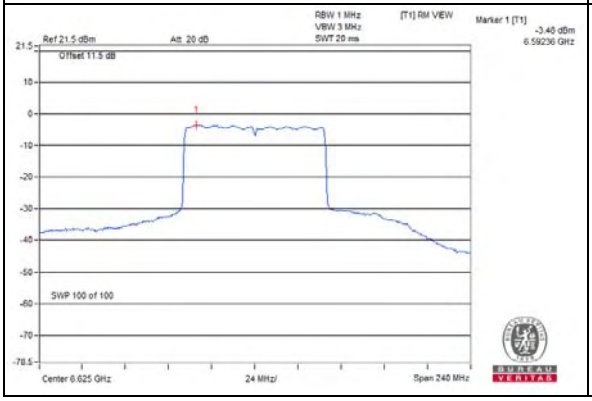
20MHz Preamble

Spectrum Plot of Worst Value	
802.11ax (RU26)_Chain 1 / CH93	**802.11ax (RU52)_Chain 1 / CH181**
	
802.11ax (RU106)_Chain 1 / CH93	**802.11ax (RU242)_Chain 1 / CH93**
	

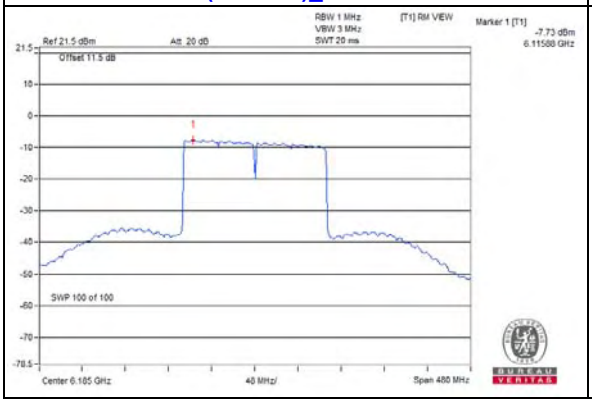
40MHz Preamble

Spectrum Plot of Worst Value	
802.11ax (RU26)_Chain 1 / CH43	**802.11ax (RU52)_Chain 1 / CH91**
	
802.11ax (RU106)_Chain 1 / CH3	**802.11ax (RU242)_Chain 1 / CH3**
	
802.11ax (RU484)_Chain 1 / CH43	
	

80MHz Preamble

Spectrum Plot of Worst Value	
802.11ax (RU996)_Chain 1 / CH135	
	

160MHz Preamble

Spectrum Plot of Worst Value	
802.11ax (RU1992)_Chain 0 / CH47	
	

4.6.7 Test Results (Mode 2)

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
2	5935	-12.91	-12.11	-9.48	8.15	-1.33	-1.00	Pass
1	5955	-12.94	-11.77	-9.31	8.15	-1.16	-1.00	Pass
45	6175	-13.39	-11.82	-9.52	8.15	-1.37	-1.00	Pass
93	6415	-13.77	-11.64	-9.57	8.15	-1.42	-1.00	Pass
97	6435	-13.27	-11.22	-9.11	8.10	-1.01	-1.00	Pass
105	6475	-13.13	-11.41	-9.18	8.10	-1.08	-1.00	Pass
113	6515	-13.78	-11.31	-9.36	8.10	-1.26	-1.00	Pass
117	6535	-13.65	-11.51	-9.44	8.17	-1.27	-1.00	Pass
149	6695	-13.60	-11.42	-9.36	8.17	-1.19	-1.00	Pass
181	6855	-13.19	-11.59	-9.31	8.17	-1.14	-1.00	Pass
185	6875	-12.94	-11.50	-9.15	8.13	-1.02	-1.00	Pass
209	6995	-12.74	-12.27	-9.49	8.13	-1.36	-1.00	Pass
229	7095	-13.41	-11.82	-9.53	8.13	-1.40	-1.00	Pass
233	7115	-12.40	-12.66	-9.52	8.13	-1.39	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
2	5935	-17.57	-17.32	-14.43	8.15	-6.28	-1.00	Pass
1	5955	-13.15	-11.81	-9.42	8.15	-1.27	-1.00	Pass
45	6175	-13.42	-12.01	-9.65	8.15	-1.50	-1.00	Pass
93	6415	-12.71	-11.88	-9.27	8.15	-1.12	-1.00	Pass
97	6435	-13.51	-11.44	-9.34	8.10	-1.24	-1.00	Pass
105	6475	-13.33	-11.91	-9.55	8.10	-1.45	-1.00	Pass
113	6515	-13.42	-11.64	-9.43	8.10	-1.33	-1.00	Pass
117	6535	-13.65	-11.57	-9.48	8.17	-1.31	-1.00	Pass
149	6695	-13.18	-12.07	-9.58	8.17	-1.41	-1.00	Pass
181	6855	-13.52	-12.05	-9.71	8.17	-1.54	-1.00	Pass
185	6875	-12.91	-12.02	-9.43	8.13	-1.30	-1.00	Pass
209	6995	-12.37	-12.93	-9.63	8.13	-1.50	-1.00	Pass
229	7095	-13.08	-12.25	-9.63	8.13	-1.50	-1.00	Pass
233	7115	-17.90	-17.80	-14.84	8.13	-6.71	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
3	5965	-12.97	-12.06	-9.48	8.15	-1.33	-1.00	Pass
43	6165	-12.64	-12.15	-9.38	8.15	-1.23	-1.00	Pass
91	6405	-13.85	-11.58	-9.56	8.15	-1.41	-1.00	Pass
99	6445	-12.92	-11.51	-9.15	8.10	-1.05	-1.00	Pass
107	6485	-13.13	-11.55	-9.26	8.10	-1.16	-1.00	Pass
115	6525	-14.32	-11.15	-9.44	8.17	-1.27	-1.00	Pass
123	6565	-12.37	-12.41	-9.38	8.17	-1.21	-1.00	Pass
155	6725	-13.33	-11.49	-9.30	8.17	-1.13	-1.00	Pass
179	6845	-13.01	-11.62	-9.25	8.17	-1.08	-1.00	Pass
187	6885	-13.49	-11.71	-9.50	8.13	-1.37	-1.00	Pass
211	7005	-12.17	-12.78	-9.45	8.13	-1.32	-1.00	Pass
227	7085	-12.19	-12.52	-9.34	8.13	-1.21	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
7	5985	-13.24	-12.26	-9.71	8.15	-1.56	-1.00	Pass
39	6145	-13.82	-11.24	-9.33	8.15	-1.18	-1.00	Pass
87	6385	-13.69	-11.68	-9.56	8.15	-1.41	-1.00	Pass
103	6465	-13.31	-11.39	-9.23	8.10	-1.13	-1.00	Pass
119	6545	-12.36	-12.06	-9.20	8.17	-1.03	-1.00	Pass
151	6705	-13.10	-11.47	-9.20	8.17	-1.03	-1.00	Pass
183	6865	-13.43	-11.27	-9.21	8.17	-1.04	-1.00	Pass
199	6945	-12.31	-12.62	-9.45	8.13	-1.32	-1.00	Pass
215	7025	-12.45	-12.19	-9.31	8.13	-1.18	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-13.11	-12.03	-9.53	8.15	-1.38	-1.00	Pass
47	6185	-14.00	-11.75	-9.72	8.15	-1.57	-1.00	Pass
79	6345	-12.81	-11.65	-9.18	8.15	-1.03	-1.00	Pass
111	6505	-14.10	-10.93	-9.22	8.10	-1.12	-1.00	Pass
143	6665	-13.79	-11.48	-9.47	8.17	-1.30	-1.00	Pass
175	6825	-13.94	-11.64	-9.63	8.17	-1.46	-1.00	Pass
207	6985	-12.60	-11.74	-9.14	8.13	-1.01	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

20MHz Preamble

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
26/0	2	5935	-15.58	-14.35	-11.91	8.15	-3.76	-1.00	Pass
26/0	1	5955	-12.79	-12.01	-9.37	8.15	-1.22	-1.00	Pass
26/4	45	6175	-12.95	-11.53	-9.17	8.15	-1.02	-1.00	Pass
26/8	93	6415	-13.42	-11.35	-9.25	8.15	-1.10	-1.00	Pass
26/0	97	6435	-12.87	-11.90	-9.35	8.10	-1.25	-1.00	Pass
26/4	105	6475	-13.21	-11.71	-9.39	8.10	-1.29	-1.00	Pass
26/8	113	6515	-13.20	-11.43	-9.22	8.10	-1.12	-1.00	Pass
26/0	117	6535	-12.78	-12.04	-9.38	8.17	-1.21	-1.00	Pass
26/4	149	6695	-13.32	-11.79	-9.48	8.17	-1.31	-1.00	Pass
26/8	181	6855	-13.21	-11.43	-9.22	8.17	-1.05	-1.00	Pass
26/8	185	6875	-12.42	-12.36	-9.38	8.13	-1.25	-1.00	Pass
26/0	209	6995	-13.20	-11.89	-9.49	8.13	-1.36	-1.00	Pass
26/4	229	7095	-13.21	-11.40	-9.20	8.13	-1.07	-1.00	Pass
26/8	233	7115	-16.29	-13.84	-11.88	8.13	-3.75	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
52/37	2	5935	-17.75	-16.81	-14.24	8.15	-6.09	-1.00	Pass
52/37	1	5955	-11.78	-12.75	-9.23	8.15	-1.08	-1.00	Pass
52/38	45	6175	-13.43	-11.51	-9.35	8.15	-1.20	-1.00	Pass
52/40	93	6415	-13.60	-11.50	-9.41	8.15	-1.26	-1.00	Pass
52/37	97	6435	-12.76	-12.00	-9.35	8.10	-1.25	-1.00	Pass
52/38	105	6475	-12.95	-11.59	-9.21	8.10	-1.11	-1.00	Pass
52/40	113	6515	-13.15	-11.75	-9.38	8.10	-1.28	-1.00	Pass
52/37	117	6535	-12.77	-12.25	-9.49	8.17	-1.32	-1.00	Pass
52/38	149	6695	-13.48	-11.88	-9.60	8.17	-1.43	-1.00	Pass
52/40	181	6855	-13.83	-11.56	-9.54	8.17	-1.37	-1.00	Pass
52/40	185	6875	-12.64	-12.43	-9.52	8.13	-1.39	-1.00	Pass
52/37	209	6995	-12.79	-11.96	-9.34	8.13	-1.21	-1.00	Pass
52/38	229	7095	-13.46	-11.92	-9.61	8.13	-1.48	-1.00	Pass
52/40	233	7115	-17.90	-16.68	-14.24	8.13	-6.11	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
106/53	2	5935	-21.20	-20.01	-17.55	8.15	-9.40	-1.00	Pass
106/53	1	5955	-11.15	-14.16	-9.39	8.15	-1.24	-1.00	Pass
106/53	45	6175	-12.66	-12.60	-9.62	8.15	-1.47	-1.00	Pass
106/54	93	6415	-13.20	-11.63	-9.33	8.15	-1.18	-1.00	Pass
106/53	97	6435	-12.61	-11.96	-9.26	8.10	-1.16	-1.00	Pass
106/53	105	6475	-11.92	-12.36	-9.12	8.10	-1.02	-1.00	Pass
106/54	113	6515	-12.70	-11.82	-9.23	8.10	-1.13	-1.00	Pass
106/53	117	6535	-12.52	-12.02	-9.25	8.17	-1.08	-1.00	Pass
106/54	149	6695	-12.26	-12.55	-9.39	8.17	-1.22	-1.00	Pass
106/54	181	6855	-12.96	-11.54	-9.18	8.17	-1.01	-1.00	Pass
106/54	185	6875	-12.09	-12.49	-9.27	8.13	-1.14	-1.00	Pass
106/53	209	6995	-12.24	-12.66	-9.43	8.13	-1.30	-1.00	Pass
106/54	229	7095	-12.94	-12.19	-9.54	8.13	-1.41	-1.00	Pass
106/54	233	7115	-21.28	-20.16	-17.67	8.13	-9.54	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (RU242)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
242/61	2	5935	-24.88	-23.45	-21.10	8.15	-12.95	-1.00	Pass
242/61	1	5955	-13.15	-11.79	-9.41	8.15	-1.26	-1.00	Pass
242/61	45	6175	-13.43	-11.93	-9.61	8.15	-1.46	-1.00	Pass
242/61	93	6415	-12.70	-11.74	-9.18	8.15	-1.03	-1.00	Pass
242/61	97	6435	-12.51	-11.85	-9.16	8.10	-1.06	-1.00	Pass
242/61	105	6475	-12.71	-12.42	-9.55	8.10	-1.45	-1.00	Pass
242/61	113	6515	-12.54	-12.50	-9.51	8.10	-1.41	-1.00	Pass
242/61	117	6535	-12.84	-12.40	-9.60	8.17	-1.43	-1.00	Pass
242/61	149	6695	-12.26	-12.51	-9.37	8.17	-1.20	-1.00	Pass
242/61	181	6855	-12.15	-12.93	-9.51	8.17	-1.34	-1.00	Pass
242/61	185	6875	-11.89	-12.55	-9.20	8.13	-1.07	-1.00	Pass
242/61	209	6995	-13.43	-12.10	-9.70	8.13	-1.57	-1.00	Pass
242/61	229	7095	-13.00	-12.26	-9.60	8.13	-1.47	-1.00	Pass
242/61	233	7115	-23.98	-23.48	-20.71	8.13	-12.58	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

40MHz Preamble

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
26/9	3	5965	-13.08	-12.09	-9.55	8.15	-1.40	-1.00	Pass
26/27	43	6165	-13.53	-11.78	-9.56	8.15	-1.41	-1.00	Pass
26/27	91	6405	-13.55	-11.61	-9.46	8.15	-1.31	-1.00	Pass
26/9	99	6445	-13.00	-12.12	-9.53	8.10	-1.43	-1.00	Pass
26/27	107	6485	-13.15	-11.36	-9.15	8.10	-1.05	-1.00	Pass
26/27	115	6525	-12.89	-12.45	-9.65	8.17	-1.48	-1.00	Pass
26/9	123	6565	-13.58	-11.70	-9.53	8.17	-1.36	-1.00	Pass
26/9	155	6725	-13.29	-11.37	-9.21	8.17	-1.04	-1.00	Pass
26/27	179	6845	-12.75	-12.53	-9.63	8.17	-1.46	-1.00	Pass
26/9	187	6885	-13.47	-11.52	-9.38	8.13	-1.25	-1.00	Pass
26/9	211	7005	-12.69	-12.35	-9.51	8.13	-1.38	-1.00	Pass
26/27	219	7045	-13.65	-12.04	-9.76	8.13	-1.63	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
52/41	3	5965	-12.87	-11.92	-9.36	8.15	-1.21	-1.00	Pass
52/48	43	6165	-13.29	-11.71	-9.42	8.15	-1.27	-1.00	Pass
52/48	91	6405	-13.59	-11.52	-9.42	8.15	-1.27	-1.00	Pass
52/41	99	6445	-12.93	-11.93	-9.39	8.10	-1.29	-1.00	Pass
52/41	107	6485	-13.14	-11.67	-9.33	8.10	-1.23	-1.00	Pass
52/48	115	6525	-12.43	-11.97	-9.18	8.17	-1.01	-1.00	Pass
52/41	123	6565	-13.48	-11.65	-9.46	8.17	-1.29	-1.00	Pass
52/41	155	6725	-13.27	-11.33	-9.18	8.17	-1.01	-1.00	Pass
52/48	179	6845	-12.39	-12.23	-9.30	8.17	-1.13	-1.00	Pass
52/41	187	6885	-13.75	-11.68	-9.58	8.13	-1.45	-1.00	Pass
52/41	211	7005	-12.79	-12.51	-9.64	8.13	-1.51	-1.00	Pass
52/48	219	7045	-13.44	-11.68	-9.46	8.13	-1.33	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi

For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi

For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
106/55	3	5965	-13.22	-12.06	-9.59	8.15	-1.44	-1.00	Pass
106/58	43	6165	-13.18	-12.22	-9.66	8.15	-1.51	-1.00	Pass
106/58	91	6405	-13.33	-11.46	-9.28	8.15	-1.13	-1.00	Pass
106/55	99	6445	-13.38	-11.61	-9.40	8.10	-1.30	-1.00	Pass
106/58	107	6485	-12.98	-11.41	-9.11	8.10	-1.01	-1.00	Pass
106/58	115	6525	-12.83	-12.10	-9.44	8.17	-1.27	-1.00	Pass
106/55	123	6565	-12.47	-11.94	-9.19	8.17	-1.02	-1.00	Pass
106/55	155	6725	-13.57	-12.04	-9.73	8.17	-1.56	-1.00	Pass
106/58	179	6845	-12.17	-12.99	-9.55	8.17	-1.38	-1.00	Pass
106/55	187	6885	-12.59	-11.79	-9.16	8.13	-1.03	-1.00	Pass
106/55	211	7005	-12.80	-12.22	-9.49	8.13	-1.36	-1.00	Pass
106/58	219	7045	-12.52	-12.58	-9.54	8.13	-1.41	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (RU242)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
242/63	3	5965	-13.38	-11.64	-9.41	8.15	-1.26	-1.00	Pass
242/62	43	6165	-13.71	-12.08	-9.81	8.15	-1.66	-1.00	Pass
242/62	91	6405	-13.23	-12.08	-9.61	8.15	-1.46	-1.00	Pass
242/63	99	6445	-12.81	-12.78	-9.78	8.10	-1.68	-1.00	Pass
242/62	107	6485	-12.56	-13.05	-9.79	8.10	-1.69	-1.00	Pass
242/62	115	6525	-13.14	-12.16	-9.61	8.17	-1.44	-1.00	Pass
242/63	123	6565	-12.98	-12.35	-9.64	8.17	-1.47	-1.00	Pass
242/63	155	6725	-13.23	-12.01	-9.57	8.17	-1.40	-1.00	Pass
242/62	179	6845	-12.42	-12.78	-9.59	8.17	-1.42	-1.00	Pass
242/63	187	6885	-12.94	-12.71	-9.81	8.13	-1.68	-1.00	Pass
242/63	211	7005	-13.63	-12.01	-9.73	8.13	-1.60	-1.00	Pass
242/62	219	7045	-13.05	-12.62	-9.82	8.13	-1.69	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi

For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi

For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi

For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

802.11ax (RU484)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
484/65	3	5965	-13.63	-11.95	-9.70	8.15	-1.55	-1.00	Pass
484/65	43	6165	-13.27	-12.04	-9.60	8.15	-1.45	-1.00	Pass
484/65	91	6405	-12.90	-11.83	-9.32	8.15	-1.17	-1.00	Pass
484/65	99	6445	-12.76	-12.30	-9.51	8.10	-1.41	-1.00	Pass
484/65	107	6485	-13.18	-11.49	-9.24	8.10	-1.14	-1.00	Pass
484/65	115	6525	-12.75	-12.30	-9.51	8.17	-1.34	-1.00	Pass
484/65	123	6565	-12.81	-12.18	-9.47	8.17	-1.30	-1.00	Pass
484/65	155	6725	-12.52	-12.16	-9.33	8.17	-1.16	-1.00	Pass
484/65	179	6845	-12.20	-12.85	-9.50	8.17	-1.33	-1.00	Pass
484/65	187	6885	-12.14	-12.76	-9.43	8.13	-1.30	-1.00	Pass
484/65	211	7005	-12.68	-12.42	-9.54	8.13	-1.41	-1.00	Pass
484/65	227	7085	-12.56	-12.66	-9.60	8.13	-1.47	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

80MHz Preamble

802.11ax (RU996)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
996/67	7	5985	-13.29	-11.95	-9.56	8.15	-1.41	-1.00	Pass
996/67	39	6145	-13.58	-11.66	-9.50	8.15	-1.35	-1.00	Pass
996/67	87	6385	-13.32	-11.26	-9.16	8.15	-1.01	-1.00	Pass
996/67	103	6465	-12.66	-11.93	-9.27	8.10	-1.17	-1.00	Pass
996/67	119	6545	-13.03	-11.64	-9.27	8.17	-1.10	-1.00	Pass
996/67	151	6705	-13.43	-11.28	-9.21	8.17	-1.04	-1.00	Pass
996/67	183	6865	-13.17	-11.53	-9.26	8.17	-1.09	-1.00	Pass
996/67	199	6945	-12.71	-11.99	-9.32	8.13	-1.19	-1.00	Pass
996/67	215	7025	-13.21	-11.66	-9.36	8.13	-1.23	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

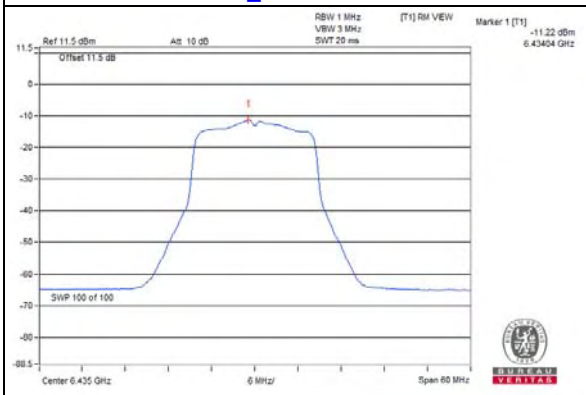
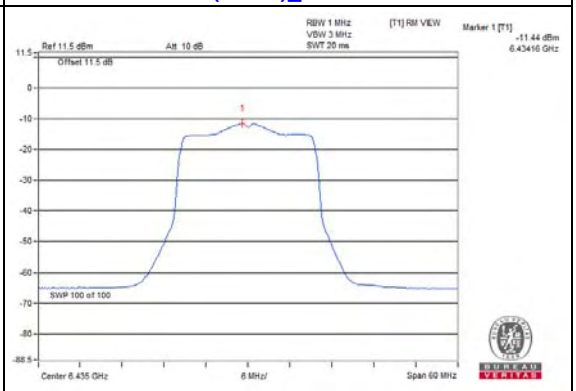
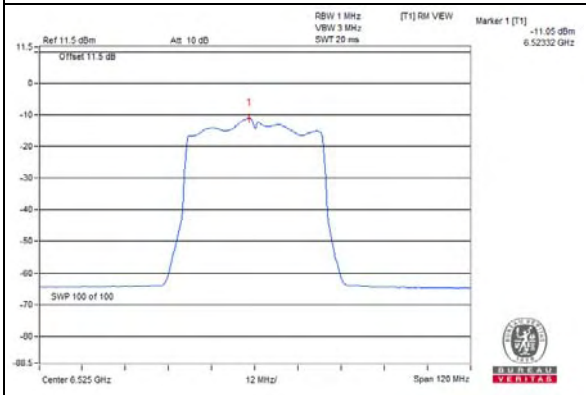
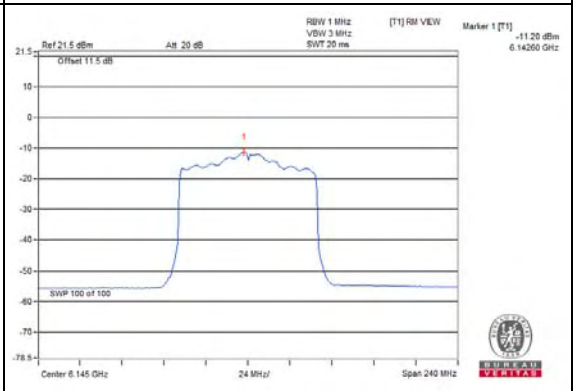
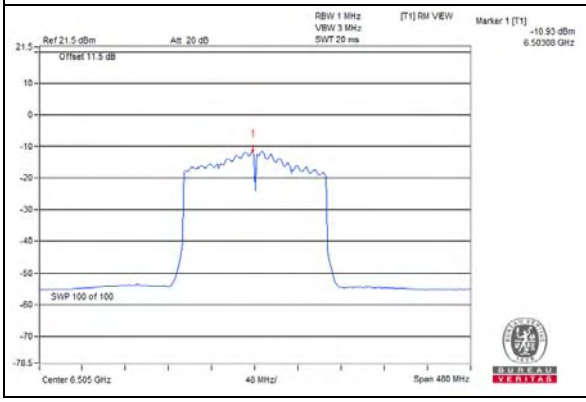
160MHz Preamble

802.11ax (RU1992)

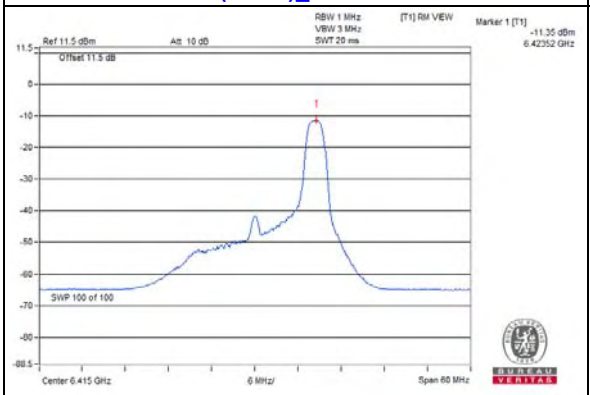
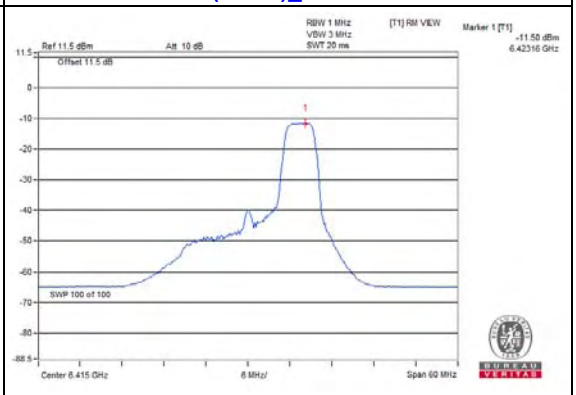
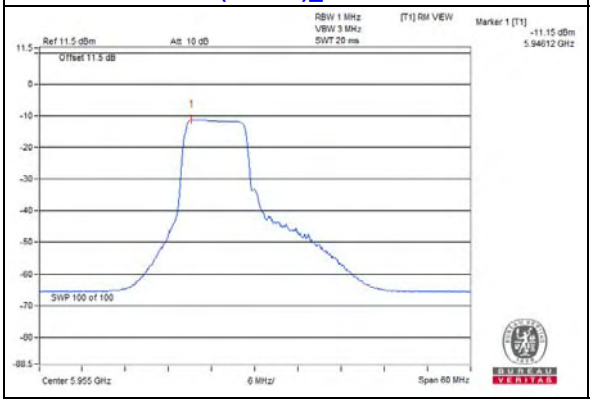
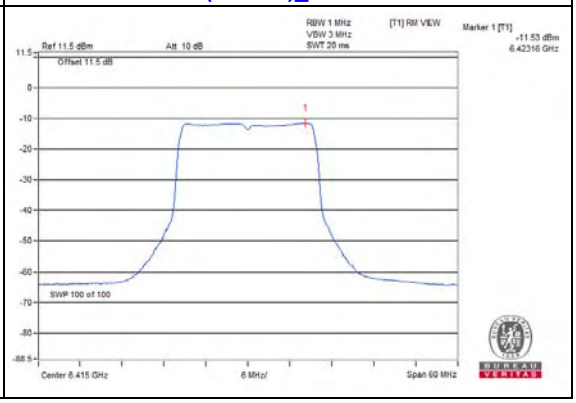
RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1					
1992/68	15	6025	-13.05	-12.13	-9.56	8.15	-1.41	-1.00	Pass
1992/68	47	6185	-13.28	-11.59	-9.34	8.15	-1.19	-1.00	Pass
1992/68	79	6345	-13.34	-11.67	-9.41	8.15	-1.26	-1.00	Pass
1992/68	111	6505	-13.08	-11.47	-9.19	8.10	-1.09	-1.00	Pass
1992/68	143	6665	-13.81	-11.75	-9.65	8.17	-1.48	-1.00	Pass
1992/68	175	6825	-14.01	-11.72	-9.71	8.17	-1.54	-1.00	Pass
1992/68	207	6985	-12.60	-12.12	-9.34	8.13	-1.21	-1.00	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

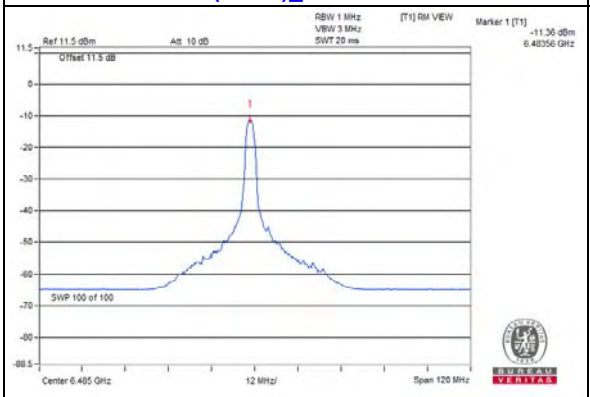
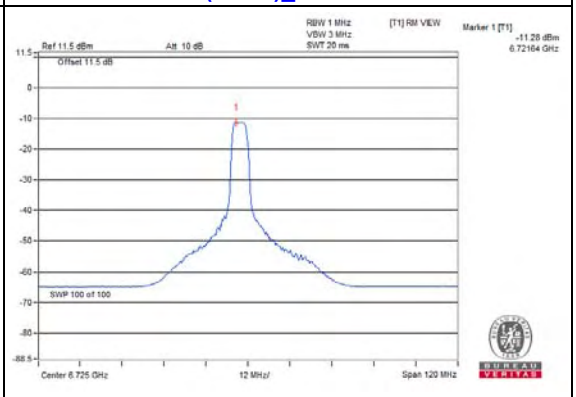
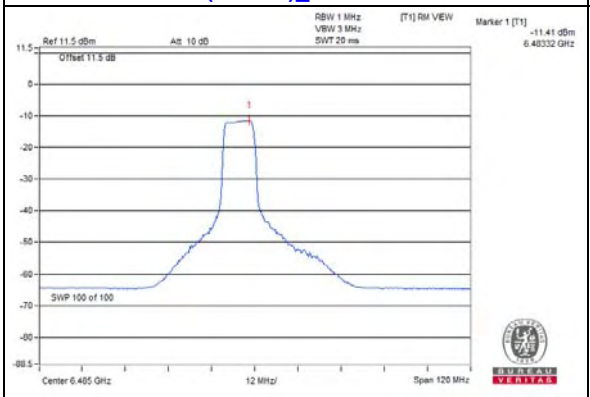
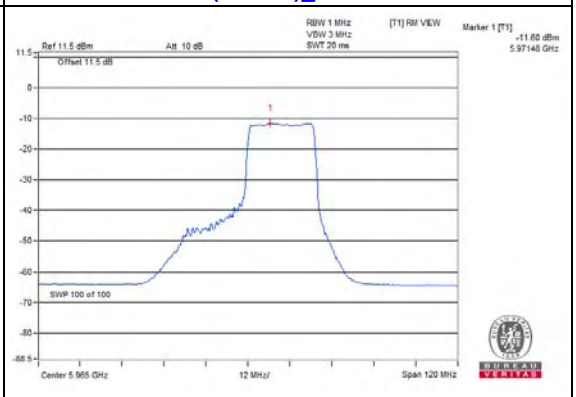
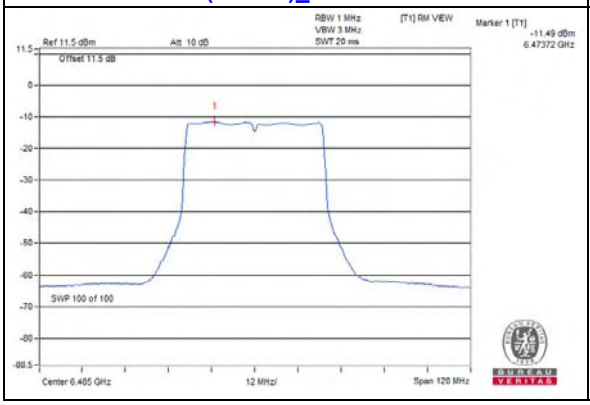
2. For U-NII-5: Directional gain = 5.14dBi + 10log(2) = 8.15dBi
   For U-NII-6: Directional gain = 5.09dBi + 10log(2) = 8.10dBi
   For U-NII-7: Directional gain = 5.16dBi + 10log(2) = 8.17dBi
   For U-NII-8: Directional gain = 5.12dBi + 10log(2) = 8.13dBi

Spectrum Plot of Worst Value	
802.11a_Chain 1 / CH97	**802.11ax (HE20)_Chain 1 / CH97**
	
802.11ax (HE40)_Chain 1 / CH115	**802.11ax (HE80)_Chain 1 / CH39**
	
802.11ax (HE160)_Chain 1 / CH111	
	

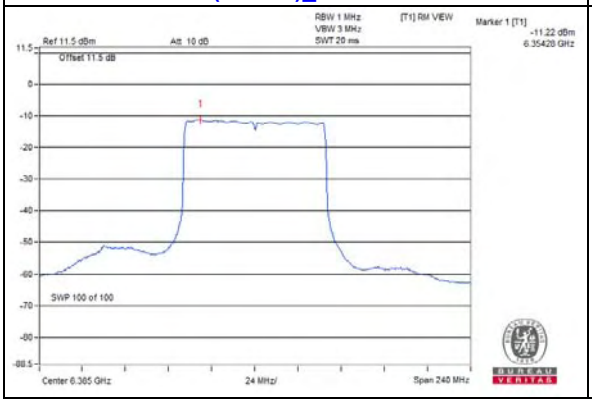
20MHz Preamble

Spectrum Plot of Worst Value	
802.11ax (RU26)_Chain 1 / CH93	**802.11ax (RU52)_Chain 1 / CH93**
	
802.11ax (RU106)_Chain 0 / CH1	**802.11ax (RU242)_Chain 1 / CH93**
	

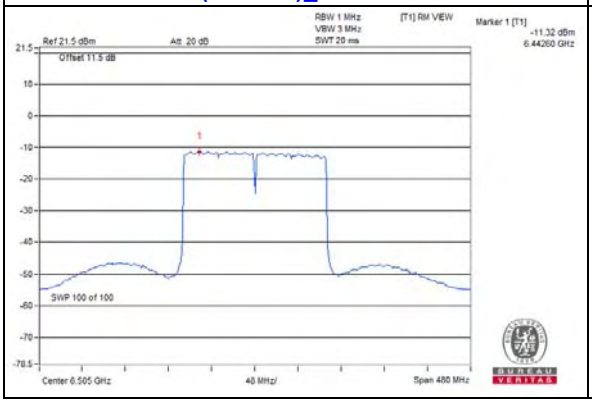
40MHz Preamble

Spectrum Plot of Worst Value	
802.11ax (RU26)_Chain 1 / CH107	**802.11ax (RU52)_Chain 1 / CH155**
	
802.11ax (RU106)_Chain 1 / CH107	**802.11ax (RU242)_Chain 1 / CH3**
	
802.11ax (RU484)_Chain 1 / CH107	
	

80MHz Preamble

Spectrum Plot of Worst Value	
802.11ax (RU996)_Chain 1 / CH87	
	

160MHz Preamble

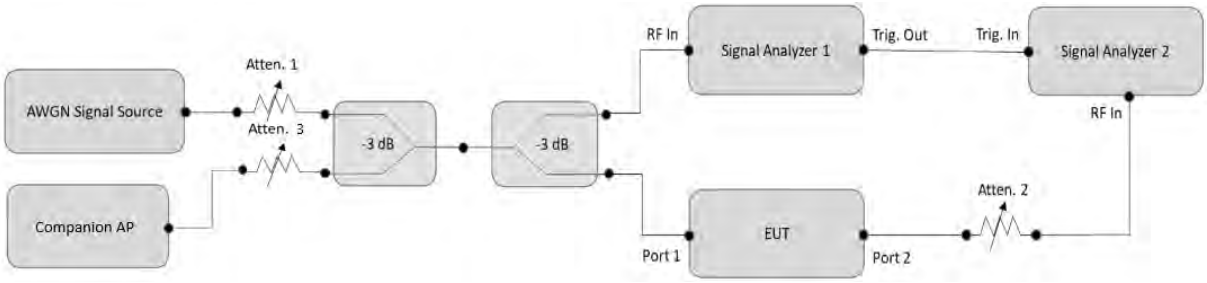
Spectrum Plot of Worst Value	
802.11ax (RU1992)_Chain 1 / CH111	
	

4.7 Contention Based Protocol Measurement

4.7.1 Limits of Contention Based Protocol Measurement

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm (The threshold is referenced to a 0 dBi antenna gain.) or lower. Additionally, indoor low-power devices must detect co-channel energy with 90% or greater certainty.

4.7.2 Test Setup



4.7.3 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
lyzer R&S	FSW8	101497	Nov 10, 2020	Nov 09, 2021
Spectrum Analyzer R&S	FSV40	101516	Mar. 08, 2021	Mar. 07, 2022
MXG X-Series RF Vector Signal Generator Agilent	N5182B	MY59100182	Apr. 22, 2021	Apr. 21, 2022
N5182BU KEYSIGHT	N5182BX07	MY59360203	Dec. 10, 2020	Dec. 09, 2021
Power Splitter/combiner Mini-Circuits	ZN2PD-9G	ZN2PD-9G_01	Jan. 27, 2021	Jan. 26, 2022
Power Splitter/combiner Mini-Circuits	ZN2PD-9G	ZN2PD-9G_02	Dec. 23, 2020	Dec. 22, 2021

NOTE: 1. The test was performed in Femtocell room.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. Tested Date: June 03, 2021

4.7.4 Test Procedure

a. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
b. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters (set as following section 4.7.5 EUT operating condition).

c. Determine number of times detection threshold test as following table,

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leqq BW_{Inc}$	Once	Same as EUT transmission
$BW_{Inc} < BW_{EUT} \leqq 2xBW_{Inc}$	Once	Contained within BW_{EUT}
$2xBW_{Inc} < BW_{EUT} \leqq 4xBW_{Inc}$	Twice. (Incumbent transmission is contained within BW_{EUT})	Closely to the lower edge and upper edge of the EUT Channel
$BW_{EUT} > 4xBW_{Inc}$	Three times	Closely to the lower edge ,in the middle and upper edge of the EUT Channel

d. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use step c table to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
e. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT.
f. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
g. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
h. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
i. Refer to step c table to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step d, choose a different center frequency for the AWGN signal and repeat the process.

4.7.5 EUT Operating Condition

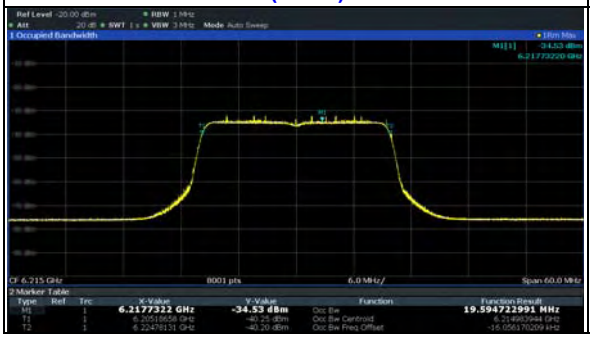
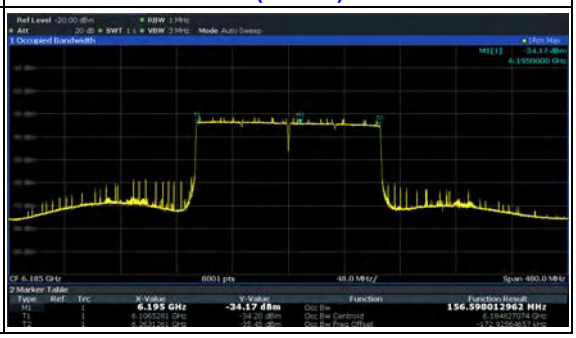
Set the EUT to transmit with a constant duty cycle and relative operating parameters which including power level, operating frequency,modulation and bandwidth.

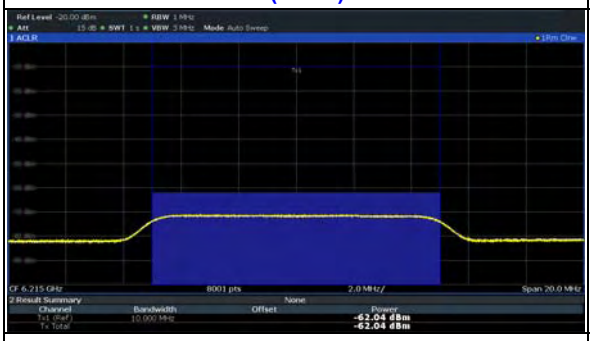
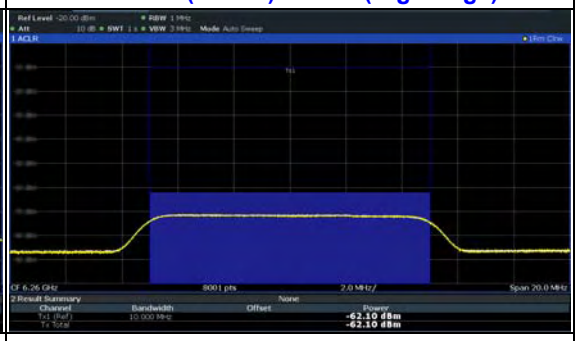
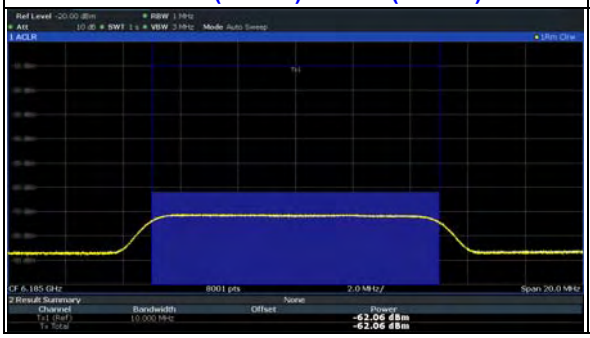
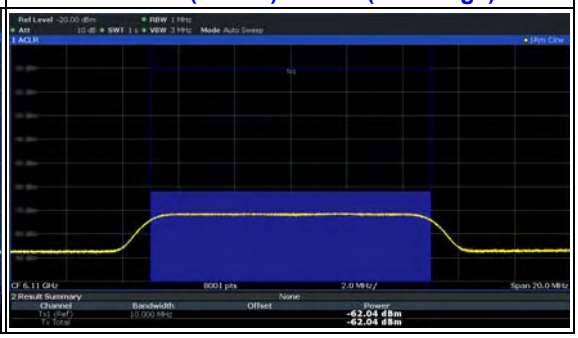
4.7.6 Test Results

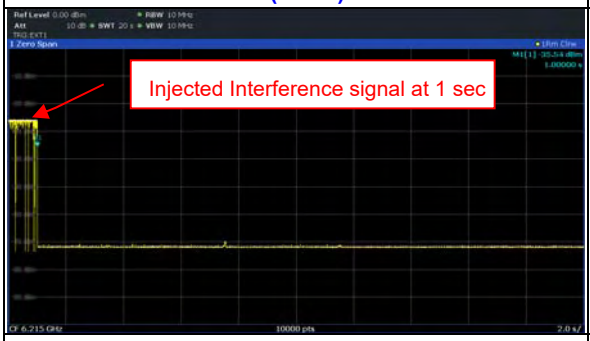
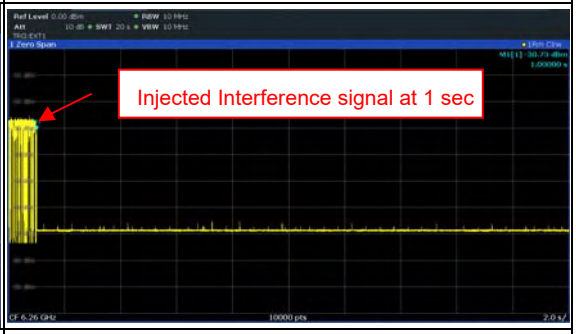
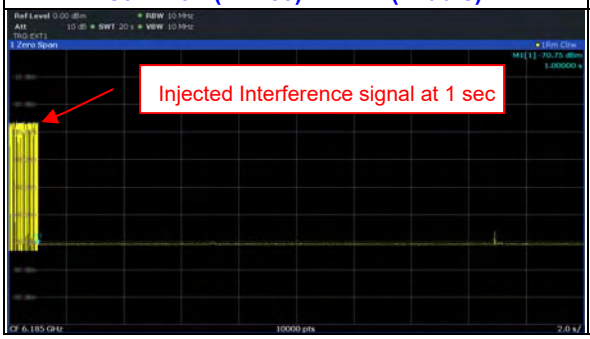
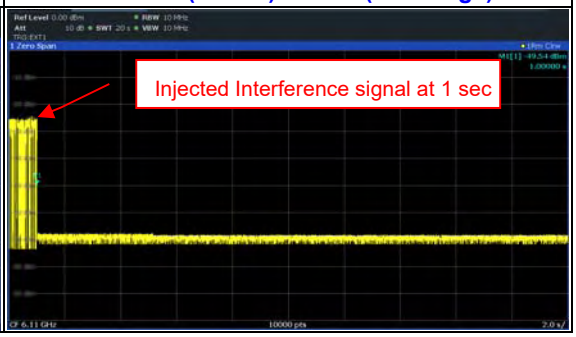
For U-NII-5 band

Contention Based Protocol Measurement									
Measurement Mode：		Conducted measurement		**The Incumbent Signal(AWGN) Level(dBm) :**			-62	at the antenna connector	
Device Type：		Dual Client		**Antenna Gain(dBi) :**			0		
Operation Mode	**Channel Bandwidth (MHz)**	**Channel Number**	**Channel Frequency (MHz)**	**AWGN Signal Frequency (MHz)**	**Number of Times**	**Number of Detected**	**Detection Rate**	**Minimum Limit**	**Pass/Fail**
802.11ax	20	53	6215	6215	10	10	100%	90%	Pass
	160	47	6185	6110	10	9	90%	90%	Pass
				6185	10	9	90%	90%	Pass
				6260	10	9	90%	90%	Pass
Result	Complied								

Lowest Interference(AWGN) Level Check						
Operation Mode	**Channel Bandwidth (MHz)**	**Channel Number**	**Channel Frequency (MHz)**	**AWGN Signal Frequency (MHz)**	**Threshold Level (dBm)**	**EUT Status**
802.11ax	20	53	6215	6215	-80	Detect signal but not stop transmitting
	160	47	6185	6110	-79	
				6185	-75	
				6260	-80	

Plots of EUT Tx waveform	
802.11ax (HE20) / CH53	**802.11ax (HE160) / CH47**
	

Plots of Incumbent signal (AWGN) level	
802.11ax (HE20) / CH53	**802.11ax (HE160) / CH47 (High Edge)**
	
802.11ax (HE160) / CH47 (Middle)	**802.11ax (HE160) / CH47 (Low Edge)**
	

Plots of EUT ceased transmission in the time domain	
802.11ax (HE20) / CH53	**802.11ax (HE160) / CH47 (High Edge)**
	
802.11ax (HE160) / CH47 (Middle)	**802.11ax (HE160) / CH47 (Low Edge)**
	

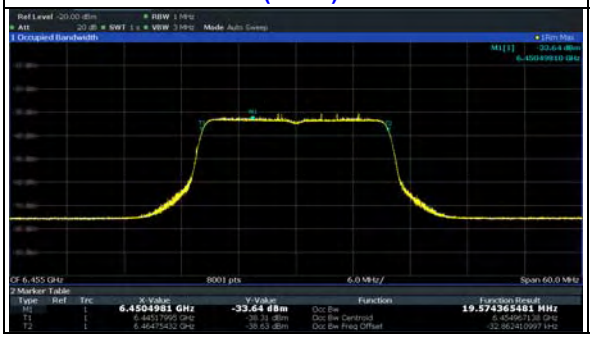
For U-NII-6 band

Contention Based Protocol Measurement									
Measurement Mode：		Conducted measurement		**The Incumbent Signal(AWGN) Level(dBm) :**			-62	at the antenna connector	
Device Type：		Dual Client		**Antenna Gain(dBi) :**			0		
Operation Mode	**Channel Bandwidth (MHz)**	**Channel Number**	**Channel Frequency (MHz)**	**AWGN Signal Frequency (MHz)**	**Number of Times**	**Number of Detected**	**Detection Rate**	**Minimum Limit**	**Pass/Fail**
802.11ax	20	101	6455	6455	10	10	100%	90%	Pass
	160	111	6505	6430	10	10	100%	90%	Pass
				6505	10	9	90%	90%	Pass
				6580	10	9	90%	90%	Pass
Result	Complied								

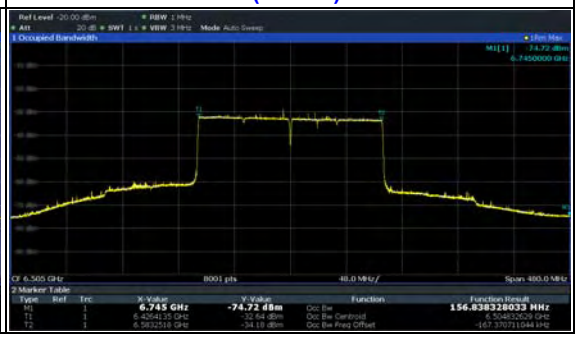
Lowest Interference(AWGN) Level Check						
Operation Mode	**Channel Bandwidth (MHz)**	**Channel Number**	**Channel Frequency (MHz)**	**AWGN Signal Frequency (MHz)**	**Threshold Level (dBm)**	**EUT Status**
802.11ax	20	101	6455	6455	-79	Detect signal but not stop transmitting
	160	111	6505	6430	-75	
				6505	-74	
				6580	-77	

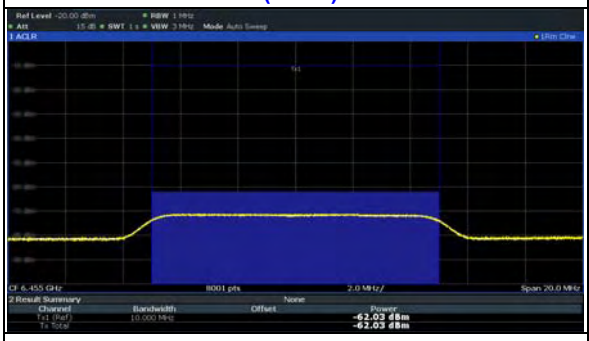
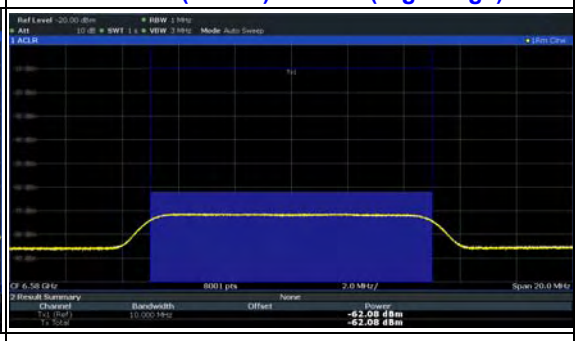
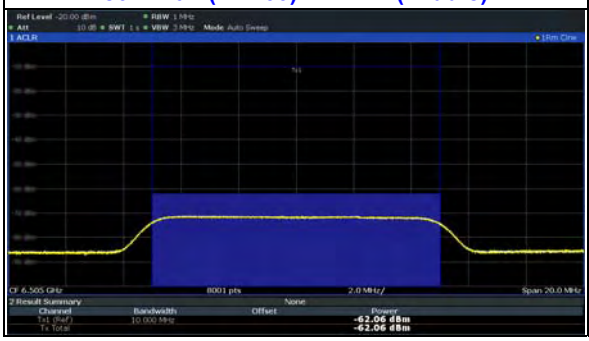
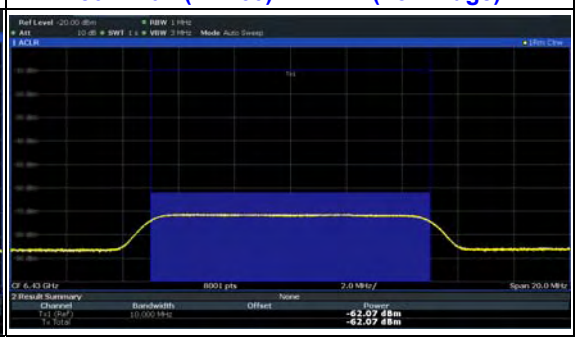
Plots of EUT Tx waveform

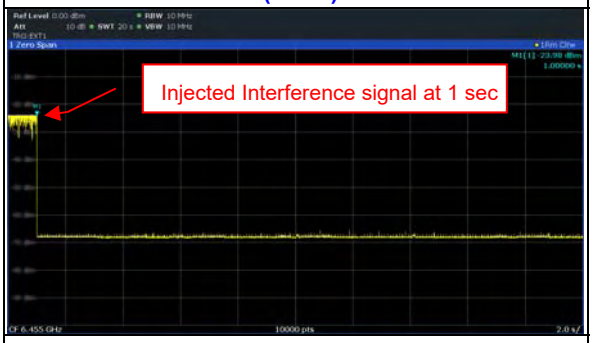
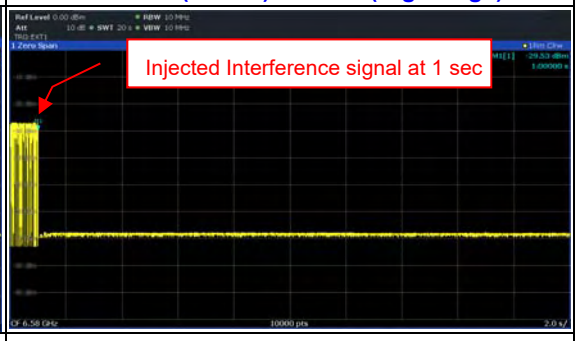
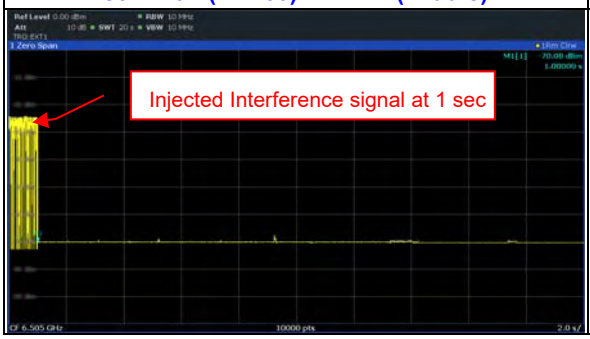
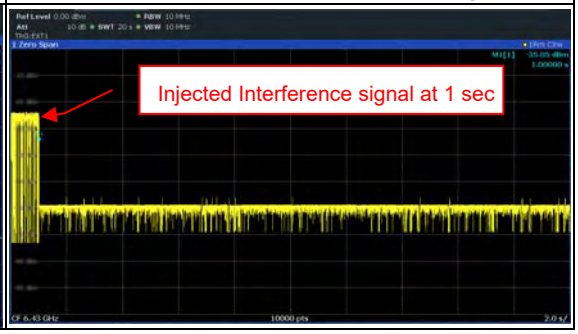
802.11ax (HE20) / CH101



802.11ax (HE160) / CH111



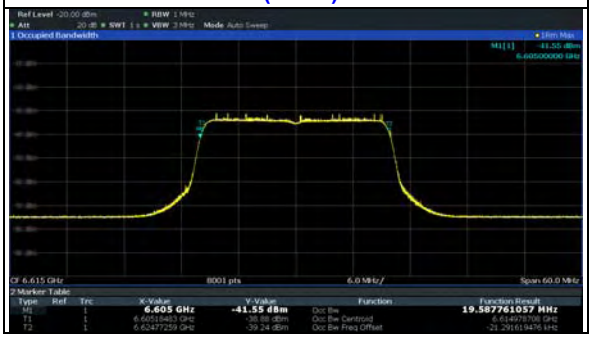
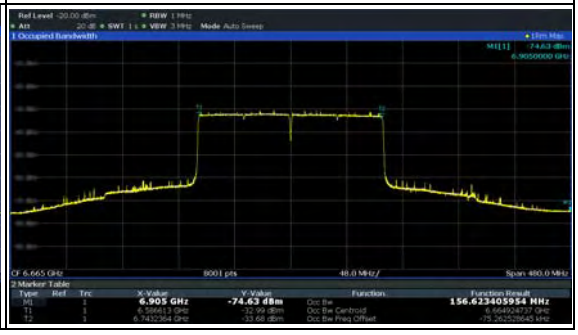
Plots of Incumbent signal (AWGN) level	
802.11ax (HE20) / CH101	**802.11ax (HE160) / CH111 (High Edge)**
	
802.11ax (HE160) / CH111 (Middle)	**802.11ax (HE160) / CH111 (Low Edge)**
	

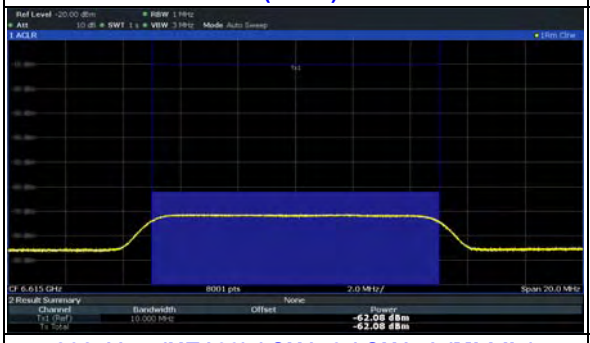
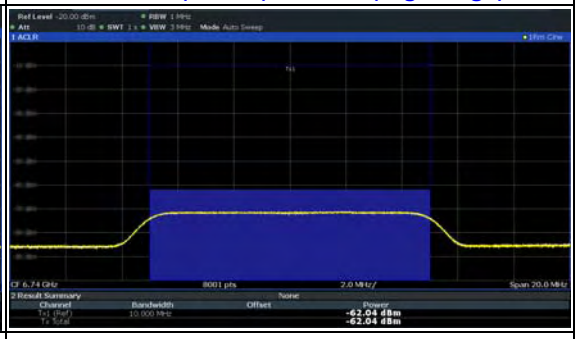
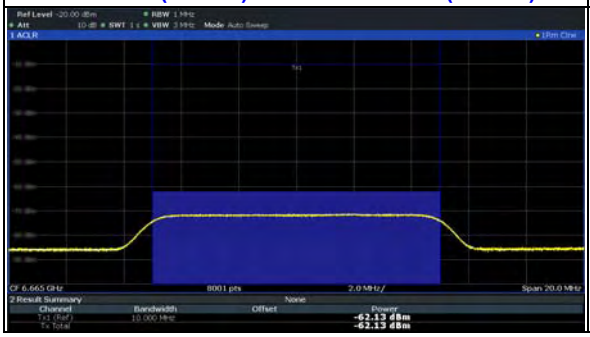
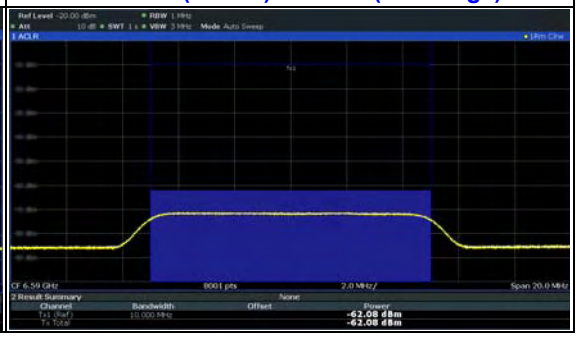
Plots of EUT ceased transmission in the time domain	
802.11ax (HE20) / CH101	**802.11ax (HE160) / CH111 (High Edge)**
	
802.11ax (HE160) / CH111 (Middle)	**802.11ax (HE160) / CH111 (Low Edge)**
	

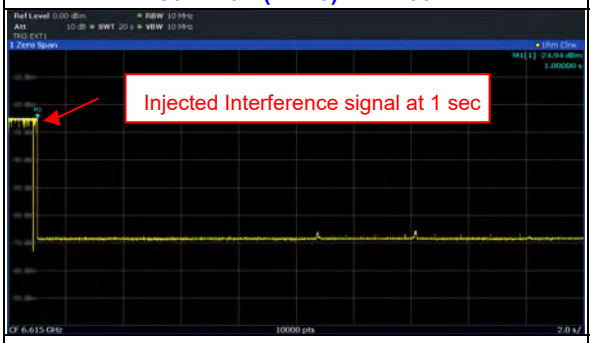
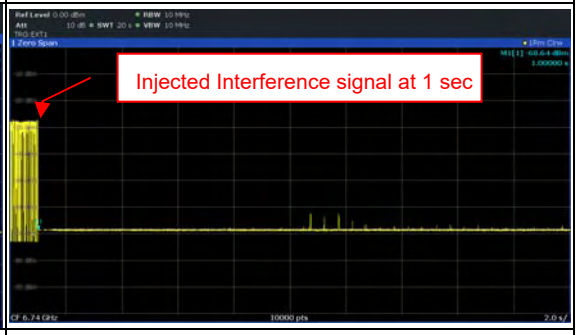
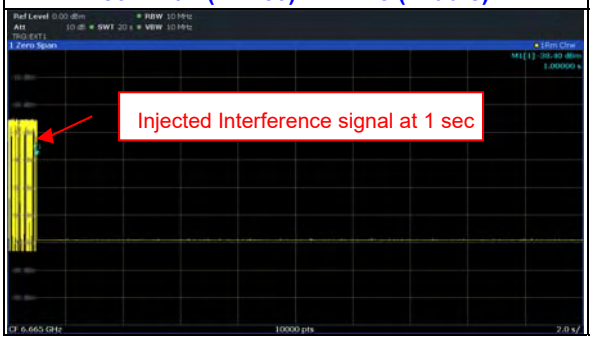
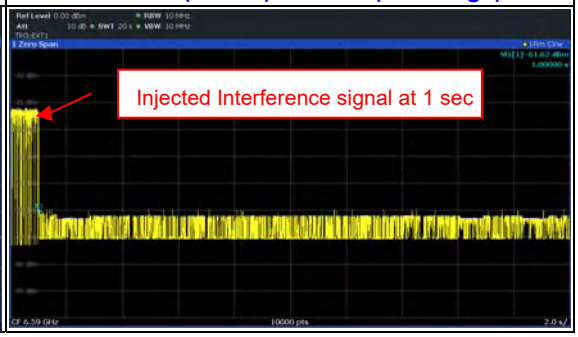
For U-NII-7 band

Contention Based Protocol Measurement									
Measurement Mode：		Conducted measurement		**The Incumbent Signal(AWGN) Level(dBm) :**			-62	at the antenna connector	
Device Type：		Dual Client		**Antenna Gain(dBi) :**			0		
Operation Mode	**Channel Bandwidth (MHz)**	**Channel Number**	**Channel Frequency (MHz)**	**AWGN Signal Frequency (MHz)**	**Number of Times**	**Number of Detected**	**Detection Rate**	**Minimum Limit**	**Pass/Fail**
802.11ax	20	133	6615	6615	10	10	100%	90%	Pass
	160	143	6665	6590	10	10	100%	90%	Pass
				6665	10	9	90%	90%	Pass
				6740	10	10	100%	90%	Pass
Result	Complied								

Lowest Interference(AWGN) Level Check						
Operation Mode	**Channel Bandwidth (MHz)**	**Channel Number**	**Channel Frequency (MHz)**	**AWGN Signal Frequency (MHz)**	**Threshold Level (dBm)**	**EUT Status**
802.11ax	20	133	6615	6615	-81	Detect signal but not stop transmitting
	160	143	6665	6590	-79	
				6665	-75	
				6740	-80	

Plots of EUT Tx waveform	
802.11ax (HE20) / CH133	**802.11ax (HE160) / CH143**
	

Plots of Incumbent signal (AWGN) level	
802.11ax (HE20) / CH133	**802.11ax (HE160) / CH143 (High Edge)**
	
802.11ax (HE160) / CH143 / CH151 (Middle)	**802.11ax (HE160) / CH143 (Low Edge)**
	

Plots of EUT ceased transmission in the time domain	
802.11ax (HE20) / CH133	**802.11ax (HE160) / CH143 (High Edge)**
	
802.11ax (HE160) / CH143 (Middle)	**802.11ax (HE160) / CH143 (Low Edge)**
	

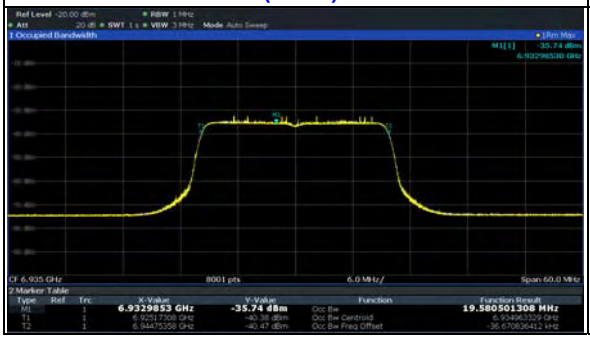
For U-NII-8 band

Contention Based Protocol Measurement									
Measurement Mode：		Conducted measurement		**The Incumbent Signal(AWGN) Level(dBm) :**			-62	at the antenna connector	
Device Type：		Dual Client		**Antenna Gain(dBi) :**			0		
Operation Mode	**Channel Bandwidth (MHz)**	**Channel Number**	**Channel Frequency (MHz)**	**AWGN Signal Frequency (MHz)**	**Number of Times**	**Number of Detected**	**Detection Rate**	**Minimum Limit**	**Pass/Fail**
802.11ax	20	197	6935	6935	10	10	100%	90%	Pass
	160	207	6985	6910	10	9	90%	90%	Pass
				6985	10	9	90%	90%	Pass
				7060	10	9	90%	90%	Pass
Result	Complied								

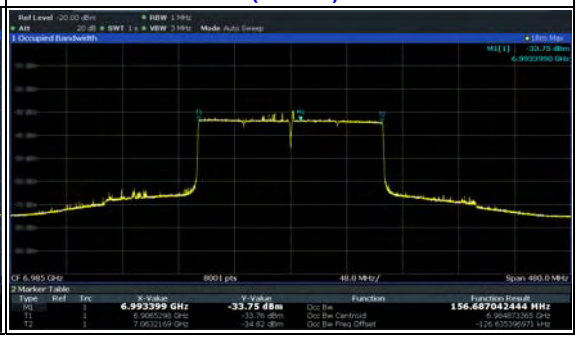
Lowest Interference(AWGN) Level Check						
Operation Mode	**Channel Bandwidth (MHz)**	**Channel Number**	**Channel Frequency (MHz)**	**AWGN Signal Frequency (MHz)**	**Threshold Level (dBm)**	**EUT Status**
802.11ax	20	197	6935	6935	-82	Detect signal but not stop transmitting
	160	207	6985	6910	-81	
				6985	-78	
				7060	-80	

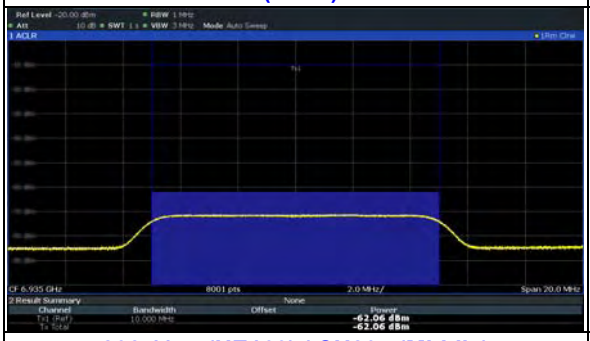
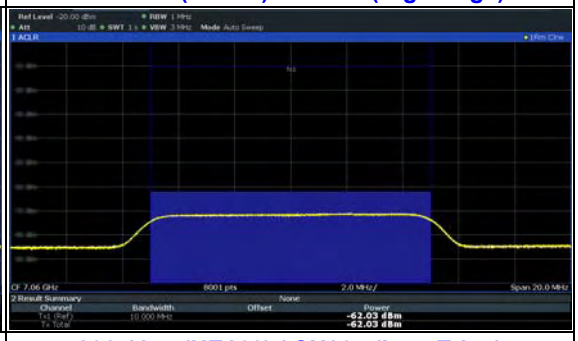
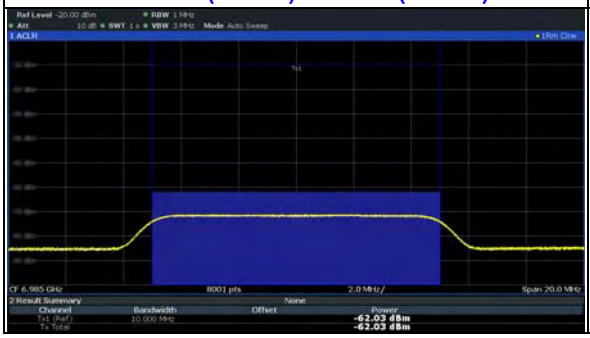
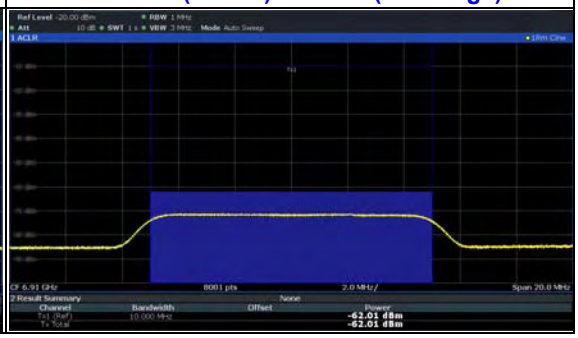
Plots of EUT Tx waveform

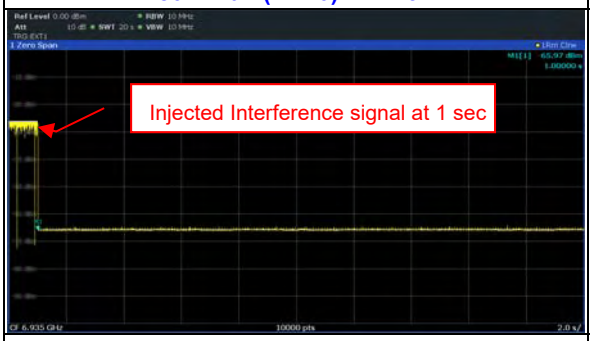
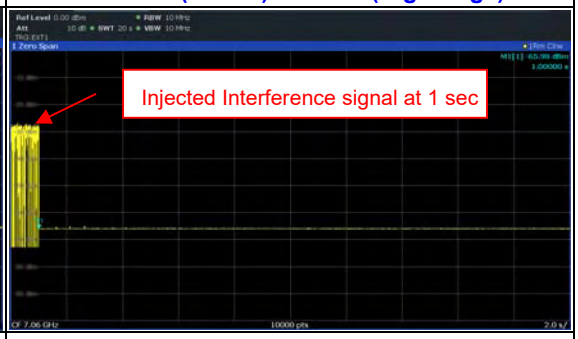
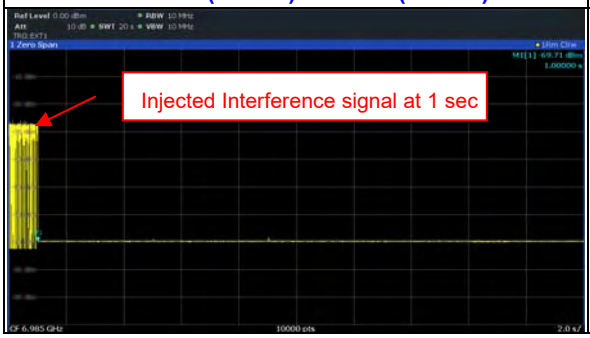
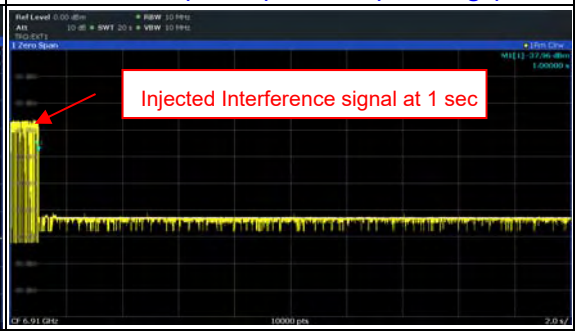
802.11ax (HE20) / CH197



802.11ax (HE160) / CH207



Plots of Incumbent signal (AWGN) level	
802.11ax (HE20) / CH197	**802.11ax (HE160) / CH207 (High Edge)**
	
802.11ax (HE160) / CH207 (Middle)	**802.11ax (HE160) / CH207 (Low Edge)**
	

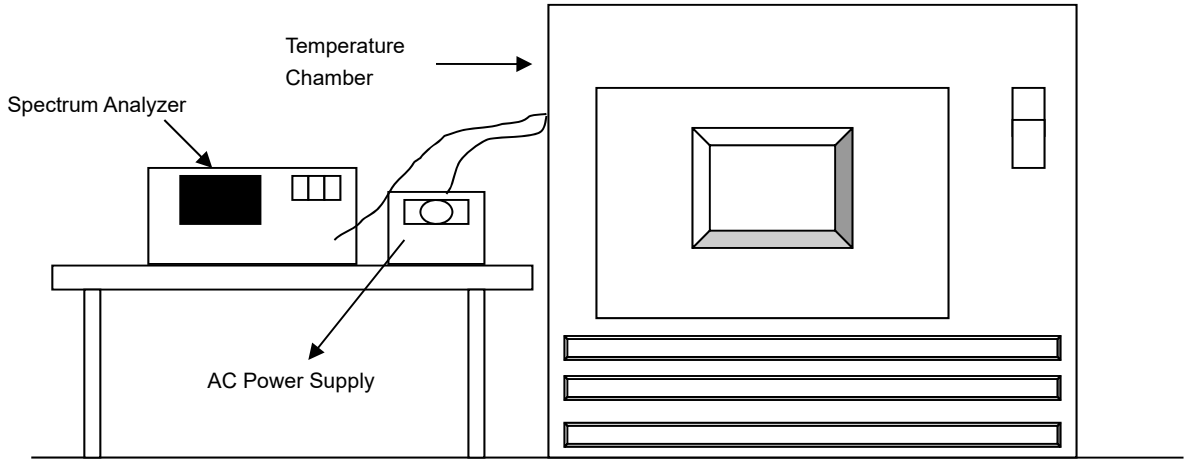
Plots of EUT ceased transmission in the time domain	
802.11ax (HE20) / CH197	**802.11ax (HE160) / CH207 (High Edge)**
	
802.11ax (HE160) / CH207 (Middle)	**802.11ax (HE160) / CH207 (Low Edge)**
	

4.8 Frequency Stability Measurement

4.8.1 Limits of Frequency Stability Measurement

The frequency of the carrier signal shall be maintained within band of operation

4.8.2 Test Setup



4.8.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.8.4 Test Procedure

a. The EUT was placed inside the environmental test chamber and powered by nominal AC voltage.
b. Turn the EUT on and couple its output to a spectrum analyzer.
c. Turn the EUT off and set the chamber to the highest temperature specified.
d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
e. Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed..
f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

.

4.8.5 EUT Operating Condition

Set the EUT transmit at un-modulation mode to test frequency stability.

4.8.6 Test Results

Frequency Stability Versus Temp.									
Operating Frequency: 5935MHz									
TEMP. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
70	3.3	5934.9717	Pass	5934.9766	Pass	5934.9768	Pass	5934.9766	Pass
60	3.3	5935.0146	Pass	5935.0159	Pass	5935.0133	Pass	5935.0168	Pass
50	3.3	5934.9958	Pass	5934.9968	Pass	5934.9967	Pass	5934.9958	Pass
40	3.3	5935.0274	Pass	5935.0293	Pass	5935.0289	Pass	5935.0289	Pass
30	3.3	5935.0207	Pass	5935.0184	Pass	5935.0197	Pass	5935.0184	Pass
20	3.3	5935.0152	Pass	5935.0146	Pass	5935.0141	Pass	5935.01	Pass
10	3.3	5934.9817	Pass	5934.981	Pass	5934.9822	Pass	5934.9819	Pass
0	3.3	5934.9788	Pass	5934.9793	Pass	5934.9751	Pass	5934.9746	Pass
-10	3.3	5935.0082	Pass	5935.0081	Pass	5935.0087	Pass	5935.0099	Pass

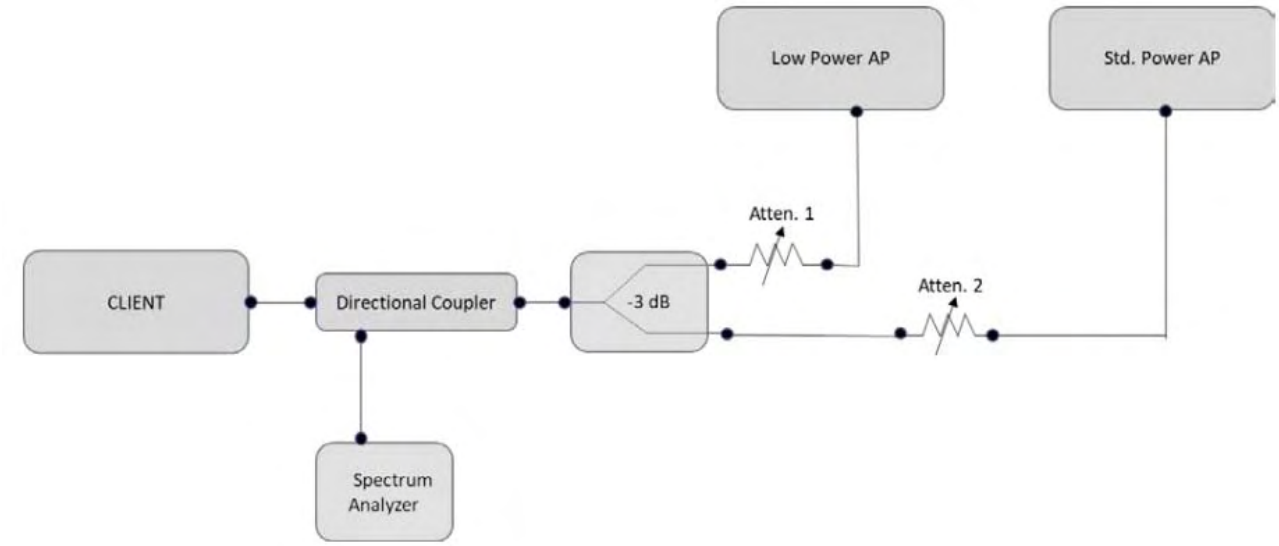
Frequency Stability Versus Voltage									
Operating Frequency: 5935MHz									
TEMP. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	3.795	5935.0155	Pass	5935.0152	Pass	5935.015	Pass	5935.0096	Pass
	3.3	5935.0152	Pass	5935.0146	Pass	5935.0141	Pass	5935.01	Pass
	2.805	5935.0147	Pass	5935.0155	Pass	5935.015	Pass	5935.0091	Pass

4.9 Dual Client- Proper Power Adjustment

4.9.1 Limits of Frequency Stability Measurement

A client device may connect to a Standard Power AP with a maximum power level of 30 dBm EIRP. A client may also connect to a Low Power indoor AP, but the power level is limited to a maximum of 24 dBm EIRP. If a client has the flexibility to connect to both APs, verification is needed to show that it can distinguish between the two configurations, and then control the power levels accordingly.

4.9.2 Test Setup



4.9.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.9.4 Test Procedure

a. Connect equipment as shown in Figure above.
b. Adjust Atten 2 to Std Power AP so as to facilitate error free communication with the Client (Atten 1 should be set to High on the RF path to the Low Power AP).
c. Configure the Client and APs so that they associate and start sending data (stream data). It is important that the client is configured to transmit at its highest power level. Initially, because the attenuation on Atten 1 is set high, the Client will only associate with the Std Power AP.
d. Verify transmission between Client and Std Power AP. Additional attenuators may be required to protect measurement equipment. Measure the Client RF power using any of the methods in C63.10 for NII devices. Note – if the client RF power has been certified to never operate above 24 dBm EIRP then this test is not necessary.
e. Gradually increase Atten 2 while at the same time decreasing Atten 1. This simulates the Client moving from outdoors to indoors. At some level of attenuation the Client should associate with the Low Power indor AP. Verify transmission between Client and Low Power AP.
f. Measure the RF power of the Client device using the same method as in step 4. Verify the power is no more than 24 dBm EIRP.
Note – measuring Client RF power reliably from a directional coupler measurement port may be tricky. Due to coupling, some energy from the AP will show up on the measurement port. Signal isolation techniques on the measurement analyzer will need to be used.

4.9.5 EUT Operating Condition

Set the EUT to transmit with a constant duty cycle and relative operating parameters which including power level, operating frequency,modulation and bandwidth.

4.9.6 Test Results

Manufacturer declaration EUT meet the requirements, for more details please refer to declaration letter exhibit supplied within this application.

4.10 Operational Restrictions for 6GHz U-NII Devices

4.10.1 Limits of Operational Restrictions for 6 GHz U-NII Devices

(1) Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

(2) Transmitters operating under indoor client are limited to indoor locations.

(3) In the 5.925-7.125 GHz band, client devices must operate under the control of a standard power access point, indoor access point or subordinate devices; In all cases, an exception exists for transmitting brief messages to an access point when attempting to join its network after detecting a signal that confirms that an access point is operating on a particular channel. Client devices are prohibited from connecting directly to another client device.

(4) Dual client devices operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

4.10.2 Test Setup

N/A

4.10.3 Test Instruments

N/A

4.10.4 Test Procedure

N/A.

4.10.5 Test Results

Device is a dual client device, all restrictions are meet the §15.407 (d) requirements. Please refer to the Attestation letter exhibit supplied within this application.

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix A– Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Lin Kou EMC/RF Lab
Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab
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Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

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Appendix B - Unwanted emission and band edge measurement (Radiated with Antenna)

5.1.1 Limits of Unwanted emission and band edge measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Frequencies (MHz)	EIRP Limit	Equivalent Field Strength at 3m
5925MHz > F > 7125MHz	Peak:-7 (dBm/MHz)	88.2(dBμV/m)
	Average: -27 (dBm/MHz)	68.2(dBμV/m)

Note:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts).

5.1.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 01, 2020	Nov. 30, 2021
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 22, 2020	Nov. 21, 2021
Pre-Amplifier EMCI	EMC 12630 SE	980638	Apr. 07, 2021	Apr. 06, 2022
RF Cable	EMC104-SM-SM-1200	160922	Dec. 25, 2020	Dec. 24, 2021
RF Cable	EMC104-SM-SM-2000	180502	Apr. 26, 2021	Apr. 25, 2022
RF Cable	EMC104-SM-SM-6000	180418	Apr. 26, 2021	Apr. 25, 2022
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 11, 2021	Jan. 10, 2022
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 22, 2020	Nov. 21, 2021
RF Cable	EMC102-KM-KM-1200	160924	Jan. 11, 2021	Jan. 10, 2022
RF Cable	EMC-KM-KM-4000	200214	Mar. 10, 2021	Mar. 09, 2022
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in 966 Chamber No. 4.
3. Tested Date: May 28 to June 29, 2021

5.1.3 Test Procedure

a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

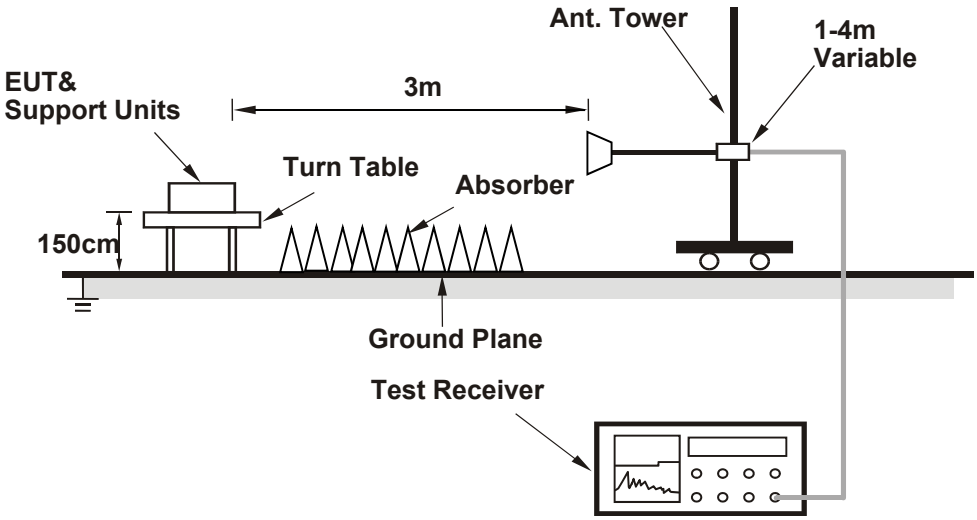
Note:

1. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
3. All modes of operation were investigated and the worst-case emissions are reported.

5.1.4 Deviation from Test Standard

No deviation.

5.1.5 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

5.1.6 EUT Operating Condition

Same as 4.1.6.

5.1.7 Test Results (Mode 1)

The EUT's antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane.**

For Antenna Set 2:

RF Mode	TX 802.11a 6G	**Channel**	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	**Detector Function**	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5924.93	66.5 PK	88.2	-21.7	1.16 H	289	62.8	3.7
2	#5924.93	62.1 AV	68.2	-6.1	1.16 H	289	58.4	3.7
3	#5925.00	68.4 PK	88.2	-19.8	1.16 H	289	64.7	3.7
4	#5925.00	63.3 AV	68.2	-4.9	1.16 H	289	59.6	3.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5924.93	68.1 PK	88.2	-20.1	2.41 V	226	64.4	3.7
2	#5924.93	64.8 AV	68.2	-3.4	2.41 V	226	61.1	3.7
3	#5925.00	70.2 PK	88.2	-18.0	2.41 V	226	66.5	3.7
4	#5925.00	65.7 AV	68.2	-2.5	2.41 V	226	62.0	3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	74.1 PK	88.2	-14.1	1.18 H	296	70.4	3.7
2	#5925.00	63.6 AV	68.2	-4.6	1.18 H	296	59.9	3.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	77.4 PK	88.2	-10.8	2.40 V	232	73.7	3.7
2	#5925.00	65.8 AV	68.2	-2.4	2.40 V	232	62.1	3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 1：5955 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.90	74.3 PK	88.2	-13.9	1.11 H	295	72.5	1.8
2	#5923.90	62.4 AV	68.2	-5.8	1.11 H	295	60.6	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.90	85.8 PK	88.2	-2.4	2.79 V	236	84.0	1.8
2	#5923.90	59.6 AV	68.2	-8.6	2.79 V	236	57.8	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU242)	Channel	CH 3：5965 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5924.72	74.6 PK	88.2	-13.6	1.07 H	287	72.8	1.8
2	#5924.72	63.0 AV	68.2	-5.2	1.07 H	287	61.2	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5924.72	85.9 PK	88.2	-2.3	2.86 V	213	84.1	1.8
2	#5924.72	59.5 AV	68.2	-8.7	2.86 V	213	57.7	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 3：5965 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.95	74.3 PK	88.2	-13.9	1.15 H	271	72.5	1.8
2	#5923.95	62.3 AV	68.2	-5.9	1.15 H	271	60.5	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.95	85.9 PK	88.2	-2.3	2.84 V	213	84.1	1.8
2	#5923.95	59.7 AV	68.2	-8.5	2.84 V	213	57.9	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 80MHz Preamble 802.11ax (RU996)	Channel	CH 7：5985 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.35	75.0 PK	88.2	-13.2	1.16 H	286	73.2	1.8
2	#5923.35	63.2 AV	68.2	-5.0	1.16 H	286	61.4	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.35	86.1 PK	88.2	-2.1	2.84 V	214	84.3	1.8
2	#5923.35	60.0 AV	68.2	-8.2	2.84 V	214	58.2	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 160MHz Preamble 802.11ax (RU1992)	Channel	CH 15：6025 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5903.12	74.0 PK	88.2	-14.2	1.07 H	278	72.2	1.8
2	#5903.12	62.4 AV	68.2	-5.8	1.07 H	278	60.6	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5903.12	85.9 PK	88.2	-2.3	2.84 V	213	84.1	1.8
2	#5903.12	60.1 AV	68.2	-8.1	2.84 V	213	58.3	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

The EUT's antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane.**

For Antenna Set 3:

RF Mode	TX 802.11a 6G	**Channel**	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	**Detector Function**	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5924.93	66.4 PK	88.2	-21.8	1.08 H	297	62.7	3.7
2	#5924.93	62.0 AV	68.2	-6.2	1.08 H	297	58.3	3.7
3	#5925.00	68.2 PK	88.2	-20.0	1.08 H	297	64.5	3.7
4	#5925.00	63.1 AV	68.2	-5.1	1.08 H	297	59.4	3.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5924.93	67.9 PK	88.2	-20.3	2.38 V	231	64.2	3.7
2	#5924.93	64.7 AV	68.2	-3.5	2.38 V	231	61.0	3.7
3	#5925.00	70.1 PK	88.2	-18.1	2.38 V	231	66.4	3.7
4	#5925.00	65.4 AV	68.2	-2.8	2.38 V	231	61.7	3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	73.9 PK	88.2	-14.3	1.11 H	295	70.2	3.7
2	#5925.00	63.5 AV	68.2	-4.7	1.11 H	295	59.8	3.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	77.2 PK	88.2	-11.0	2.44 V	219	73.5	3.7
2	#5925.00	65.5 AV	68.2	-2.7	2.44 V	219	61.8	3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 1：5955 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.90	73.8 PK	88.2	-14.4	1.14 H	299	72.0	1.8
2	#5923.90	62.1 AV	68.2	-6.1	1.14 H	299	60.3	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.90	85.3 PK	88.2	-2.9	2.70 V	228	83.5	1.8
2	#5923.90	59.7 AV	68.2	-8.5	2.70 V	228	57.9	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU242)	Channel	CH 3：5965 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5924.72	73.4 PK	88.2	-14.8	1.13 H	312	71.6	1.8
2	#5924.72	61.7 AV	68.2	-6.5	1.13 H	312	59.9	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5924.72	85.6 PK	88.2	-2.6	2.78 V	226	83.8	1.8
2	#5924.72	60.4 AV	68.2	-7.8	2.78 V	226	58.6	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 3：5965 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.95	73.9 PK	88.2	-14.3	1.13 H	312	72.1	1.8
2	#5923.95	62.2 AV	68.2	-6.0	1.13 H	312	60.4	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.95	85.6 PK	88.2	-2.6	2.70 V	234	83.8	1.8
2	#5923.95	59.8 AV	68.2	-8.4	2.70 V	234	58.0	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 80MHz Preamble 802.11ax (RU996)	Channel	CH 7：5985 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.35	73.8 PK	88.2	-14.4	1.11 H	300	72.0	1.8
2	#5923.35	62.2 AV	68.2	-6.0	1.11 H	300	60.4	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5923.35	85.4 PK	88.2	-2.8	2.71 V	230	83.6	1.8
2	#5923.35	60.3 AV	68.2	-7.9	2.71 V	230	58.5	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 160MHz Preamble 802.11ax (RU1992)	Channel	CH 15：6025 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5903.12	73.4 PK	88.2	-14.8	1.12 H	288	71.6	1.8
2	#5903.12	61.9 AV	68.2	-6.3	1.12 H	288	60.1	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5903.12	85.3 PK	88.2	-2.9	2.78 V	212	83.5	1.8
2	#5903.12	60.5 AV	68.2	-7.7	2.78 V	212	58.7	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

5.1.8 Test Results (Mode 2)

The EUT's antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane.**

For Antenna Set 2:

RF Mode	TX 802.11ax (HE20)	**Channel**	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	**Detector Function**	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	74.4 PK	88.2	-13.8	1.15 H	297	70.7	3.7
2	#5925.00	63.4 AV	68.2	-4.8	1.15 H	297	59.7	3.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	77.2 PK	88.2	-11.0	2.41 V	234	73.5	3.7
2	#5925.00	65.9 AV	68.2	-2.3	2.41 V	234	62.2	3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.2 PK	88.2	-14.0	1.19 H	296	66.0	8.2
2	#7125.00	63.1 AV	68.2	-5.1	1.19 H	296	54.9	8.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.6 PK	88.2	-13.6	2.58 V	113	66.4	8.2
2	#7125.00	65.8 AV	68.2	-2.4	2.58 V	113	57.6	8.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	74.0 PK	88.2	-14.2	1.06 H	280	72.2	1.8
2	#5925.00	62.2 AV	68.2	-6.0	1.06 H	280	60.4	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	79.3 PK	88.2	-8.9	2.82 V	220	77.5	1.8
2	#5925.00	65.8 AV	68.2	-2.4	2.82 V	220	64.0	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.2 PK	88.2	-14.0	1.06 H	287	67.9	6.3
2	#7125.00	62.1 AV	68.2	-6.1	1.06 H	287	55.8	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	79.1 PK	88.2	-9.1	2.88 V	212	72.8	6.3
2	#7125.00	65.7 AV	68.2	-2.5	2.88 V	212	59.4	6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	74.6 PK	88.2	-13.6	1.03 H	289	72.8	1.8
2	#5925.00	62.6 AV	68.2	-5.6	1.03 H	289	60.8	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	78.6 PK	88.2	-9.6	2.85 V	229	76.8	1.8
2	#5925.00	65.7 AV	68.2	-2.5	2.85 V	229	63.9	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.0 PK	88.2	-14.2	1.04 H	299	67.7	6.3
2	#7125.00	62.3 AV	68.2	-5.9	1.04 H	299	56.0	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	79.2 PK	88.2	-9.0	2.85 V	220	72.9	6.3
2	#7125.00	65.7 AV	68.2	-2.5	2.85 V	220	59.4	6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	73.7 PK	88.2	-14.5	1.00 H	273	71.9	1.8
2	#5925.00	61.9 AV	68.2	-6.3	1.00 H	273	60.1	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	79.4 PK	88.2	-8.8	2.77 V	235	77.6	1.8
2	#5925.00	65.9 AV	68.2	-2.3	2.77 V	235	64.1	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.1 PK	88.2	-14.1	1.09 H	285	67.8	6.3
2	#7125.00	61.9 AV	68.2	-6.3	1.09 H	285	55.6	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	79.8 PK	88.2	-8.4	2.78 V	226	73.5	6.3
2	#7125.00	65.7 AV	68.2	-2.5	2.78 V	226	59.4	6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	74.0 PK	88.2	-14.2	1.04 H	290	72.2	1.8
2	#5925.00	62.1 AV	68.2	-6.1	1.04 H	290	60.3	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	79.5 PK	88.2	-8.7	2.84 V	220	77.7	1.8
2	#5925.00	66.1 AV	68.2	-2.1	2.84 V	220	64.3	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.1 PK	88.2	-14.1	1.06 H	289	67.8	6.3
2	#7125.00	62.2 AV	68.2	-6.0	1.06 H	289	55.9	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	79.3 PK	88.2	-8.9	2.81 V	214	73.0	6.3
2	#7125.00	65.9 AV	68.2	-2.3	2.81 V	214	59.6	6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

The EUT's antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane.**

For Antenna Set 3:

RF Mode	TX 802.11ax (HE20)	**Channel**	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	**Detector Function**	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	74.2 PK	88.2	-14.0	1.14 H	304	70.5	3.7
2	#5925.00	63.3 AV	68.2	-4.9	1.14 H	304	59.6	3.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	#5925.00	77.1 PK	88.2	-11.1	2.40 V	221	73.4	3.7
2	#5925.00	65.8 AV	68.2	-2.4	2.40 V	221	62.1	3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.1 PK	88.2	-14.1	1.09 H	296	65.9	8.2
2	#7125.00	62.9 AV	68.2	-5.3	1.09 H	296	54.7	8.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.5 PK	88.2	-13.7	2.43 V	235	66.3	8.2
2	#7125.00	65.6 AV	68.2	-2.6	2.43 V	235	57.4	8.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	74.1 PK	88.2	-14.1	1.07 H	301	72.3	1.8
2	#5925.00	62.4 AV	68.2	-5.8	1.07 H	301	60.6	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	79.0 PK	88.2	-9.2	2.73 V	197	77.2	1.8
2	#5925.00	65.4 AV	68.2	-2.8	2.73 V	197	63.6	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.8 PK	88.2	-13.4	1.06 H	278	68.5	6.3
2	#7125.00	62.9 AV	68.2	-5.3	1.06 H	278	56.6	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	79.6 PK	88.2	-8.6	2.81 V	212	73.3	6.3
2	#7125.00	65.3 AV	68.2	-2.9	2.81 V	212	59.0	6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	74.4 PK	88.2	-13.8	1.08 H	283	72.6	1.8
2	#5925.00	62.5 AV	68.2	-5.7	1.08 H	283	60.7	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	80.0 PK	88.2	-8.2	2.81 V	211	78.2	1.8
2	#5925.00	65.3 AV	68.2	-2.9	2.81 V	211	63.5	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.3 PK	88.2	-13.9	1.13 H	279	68.0	6.3
2	#7125.00	62.4 AV	68.2	-5.8	1.13 H	279	56.1	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	79.4 PK	88.2	-8.8	2.81 V	187	73.1	6.3
2	#7125.00	65.5 AV	68.2	-2.7	2.81 V	187	59.2	6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	74.4 PK	88.2	-13.8	1.12 H	293	72.6	1.8
2	#5925.00	62.7 AV	68.2	-5.5	1.12 H	293	60.9	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	79.6 PK	88.2	-8.6	2.81 V	185	77.8	1.8
2	#5925.00	65.6 AV	68.2	-2.6	2.81 V	185	63.8	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.6 PK	88.2	-13.6	1.07 H	295	68.3	6.3
2	#7125.00	62.7 AV	68.2	-5.5	1.07 H	295	56.4	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	79.2 PK	88.2	-9.0	2.75 V	208	72.9	6.3
2	#7125.00	65.4 AV	68.2	-2.8	2.75 V	208	59.1	6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	74.3 PK	88.2	-13.9	1.06 H	277	72.5	1.8
2	#5925.00	62.1 AV	68.2	-6.1	1.06 H	277	60.3	1.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	79.4 PK	88.2	-8.8	2.77 V	187	77.6	1.8
2	#5925.00	65.5 AV	68.2	-2.7	2.77 V	187	63.7	1.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	74.8 PK	88.2	-13.4	1.02 H	286	68.5	6.3
2	#7125.00	62.8 AV	68.2	-5.4	1.02 H	286	56.5	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#7125.00	79.6 PK	88.2	-8.6	2.78 V	199	73.3	6.3
2	#7125.00	65.6 AV	68.2	-2.6	2.78 V	199	59.3	6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " # ": The radiated frequency is out of the restricted band.