

A.2 26DB BANDWIDTH

For U-NII-1, U-NII-2A, U-NII-2C band

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)
IEEE 802.11a	36	N/A	0	5180	21.78
	44			5220	21.56
	48			5240	21.89
	52			5260	21.86
	60			5300	21.75
	64			5320	21.84
	100			5500	21.91
	116			5580	21.67
	140			5700	21.88
IEEE 802.11n_20	36	N/A	0	5180	21.86
	44			5220	21.87
	48			5240	21.84
	52			5260	21.81
	60			5300	22.00
	64			5320	21.97
	100			5500	21.72
	116			5580	22.02
	140			5700	22.03
IEEE 802.11n_40	38	N/A	0	5190	40.42
	46			5230	40.67
	54			5270	40.92
	62			5310	40.52
	102			5510	40.74
	110			5550	40.93
	134			5670	40.57
IEEE 802.11ac_20	36	N/A	0	5180	21.69
	44			5220	22.03
	48			5240	22.22
	52			5260	21.73
	60			5300	21.96
	64			5320	21.81
	100			5500	21.78
	116			5580	22.07
	140			5700	21.81
IEEE 802.11ac_40	38	N/A	0	5190	40.70
	46			5230	40.55
	54			5270	40.65
	62			5310	40.71
	102			5510	40.39
	110			5550	40.51
	134			5670	40.63
IEEE 802.11ax_20	36	SU	0	5180	22.18
	44			5220	22.39
	48			5240	22.13
	52			5260	22.38
	60			5300	22.25
	64			5320	22.23
	100			5500	22.03
	116			5580	22.05
	140			5700	22.30
IEEE 802.11ax_40	38	SU	0	5190	41.19
	46			5230	41.00
	54			5270	41.08
	62			5310	41.43
	102			5510	40.96
	110			5550	40.88
	134		5670	40.78	

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Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)
IEEE 802.11a	144	N/A	0	5720	15.75
IEEE 802.11n_20	144			5720	15.55
IEEE 802.11n_40	142			5710	35.16
IEEE 802.11ac_20	144			5720	15.91
IEEE 802.11ac_40	142			5710	35.10
IEEE 802.11ax_20	144	SU		5720	16.19
IEEE 802.11ax_40	142			5710	35.41



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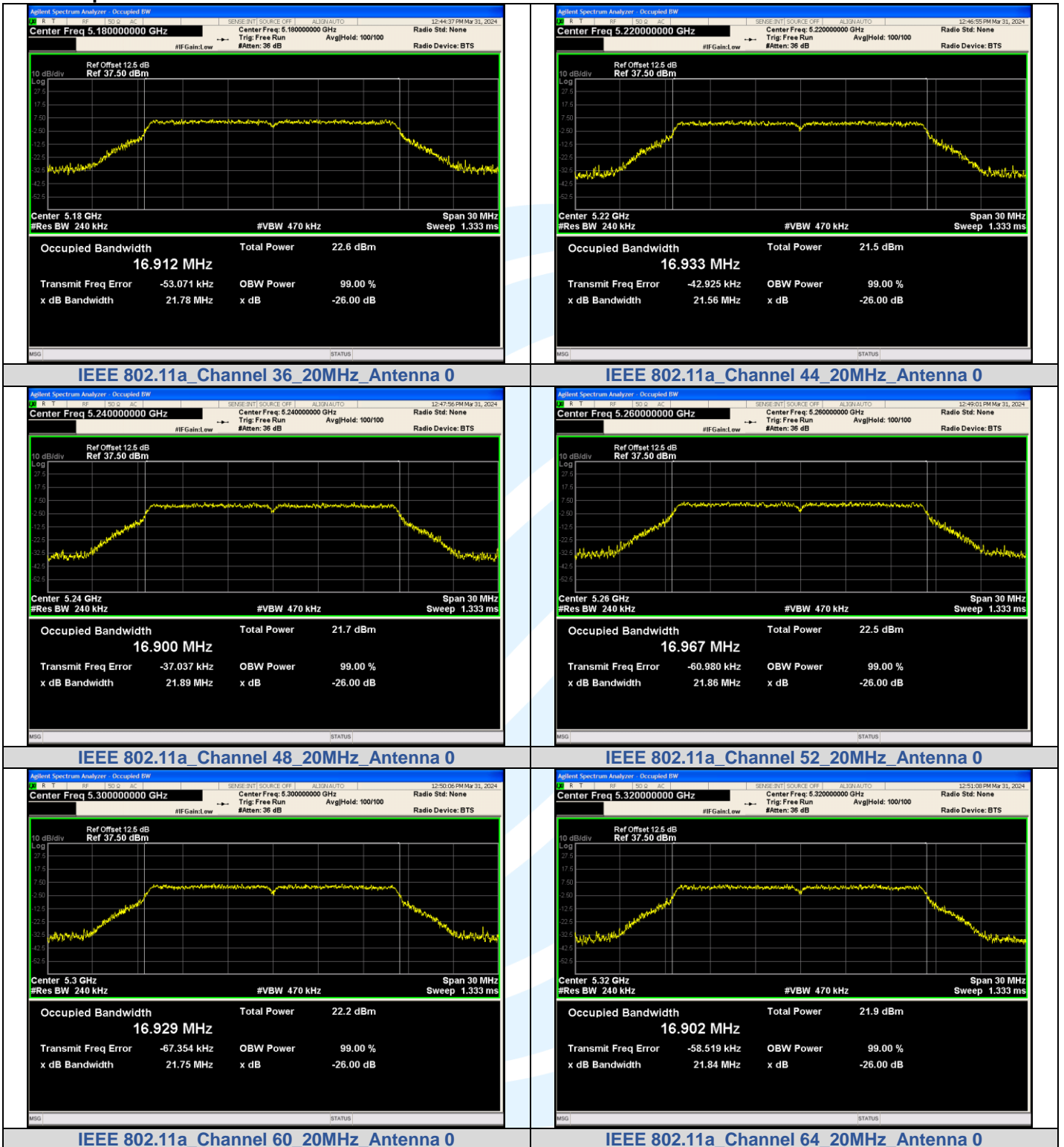
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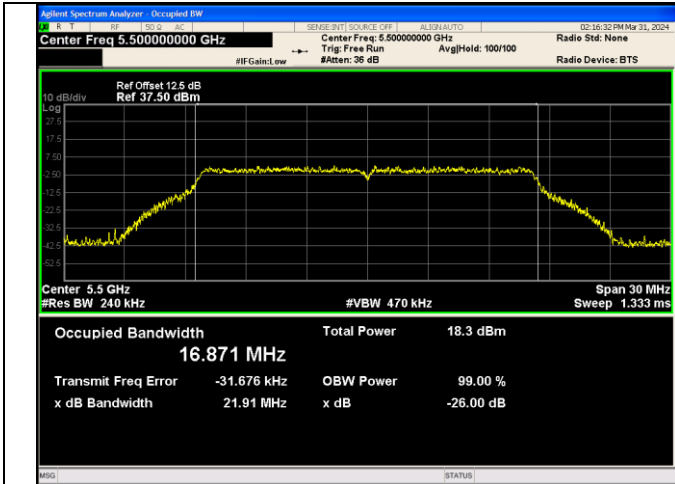
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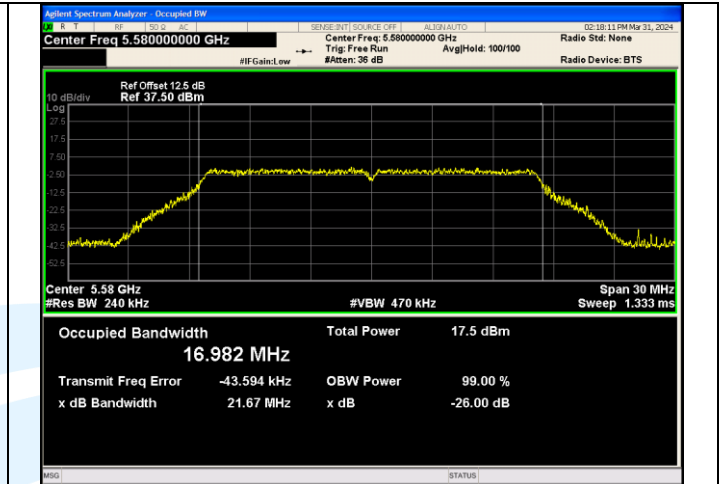
UTTR-RF-RSS247-V1.1

Test Graphs

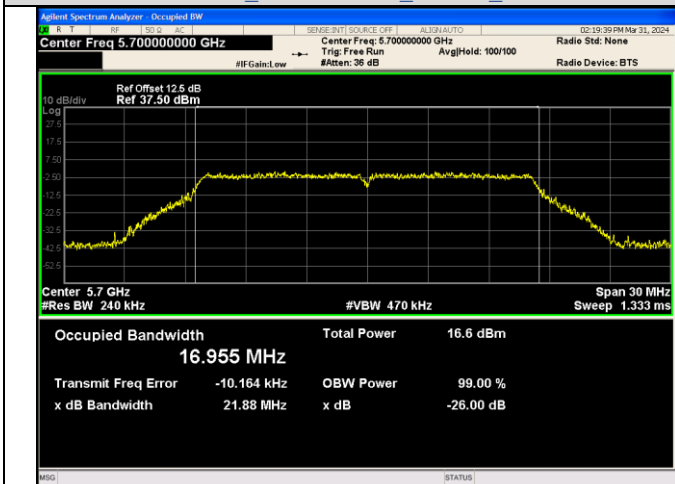




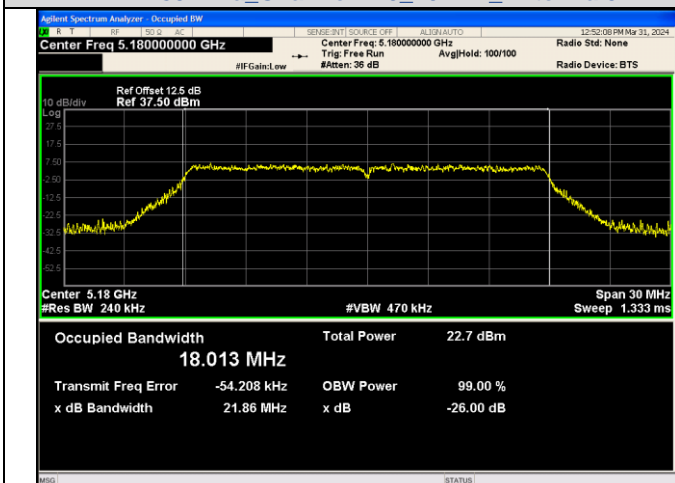
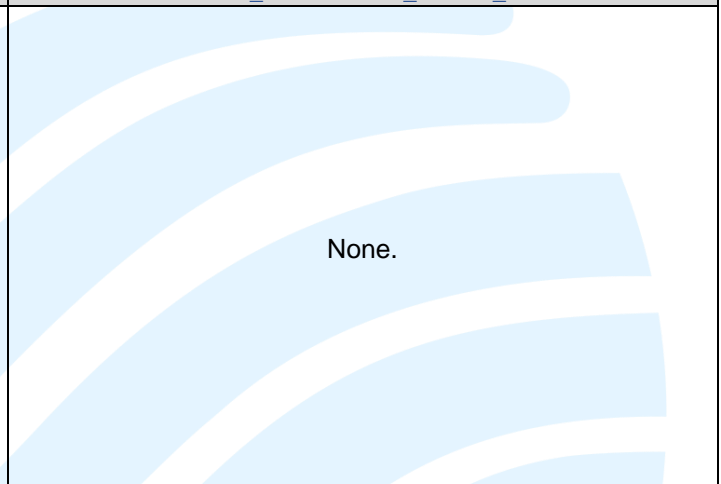
IEEE 802.11a_Channel 100_20MHz_Antenna 0



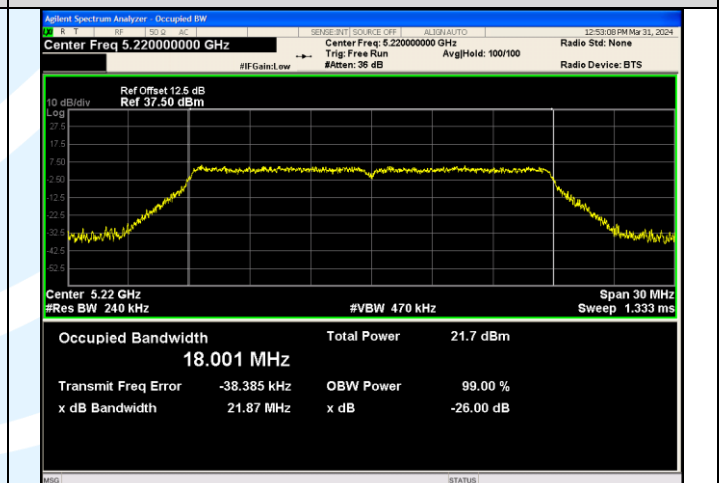
IEEE 802.11a_Channel 116_20MHz_Antenna 0



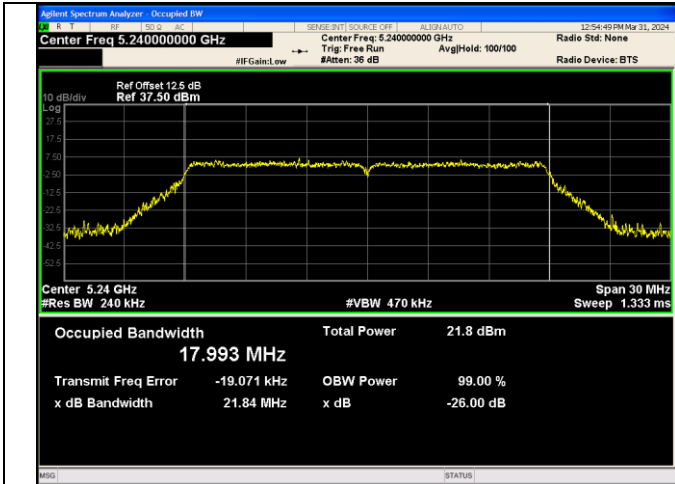
IEEE 802.11a_Channel 140_20MHz_Antenna 0



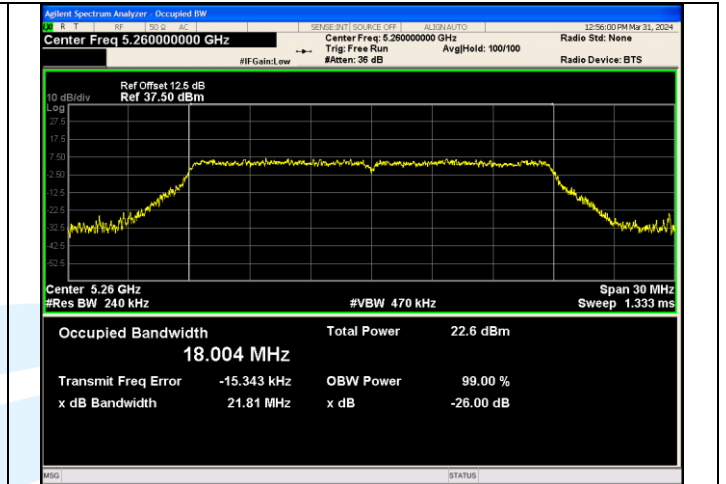
IEEE 802.11n_Channel 36_20MHz_Antenna 0



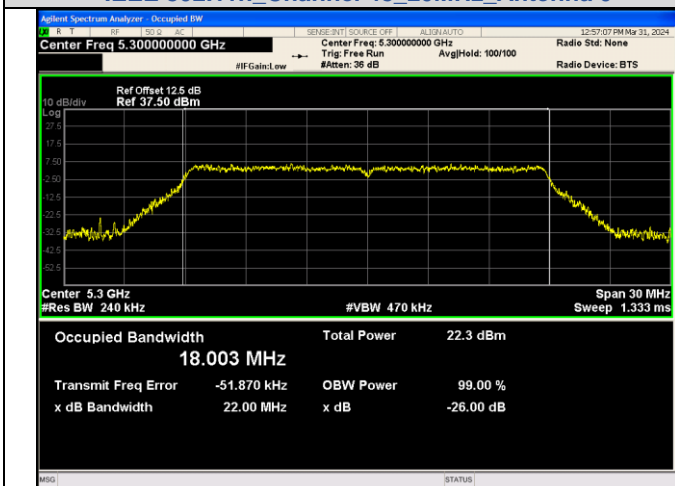
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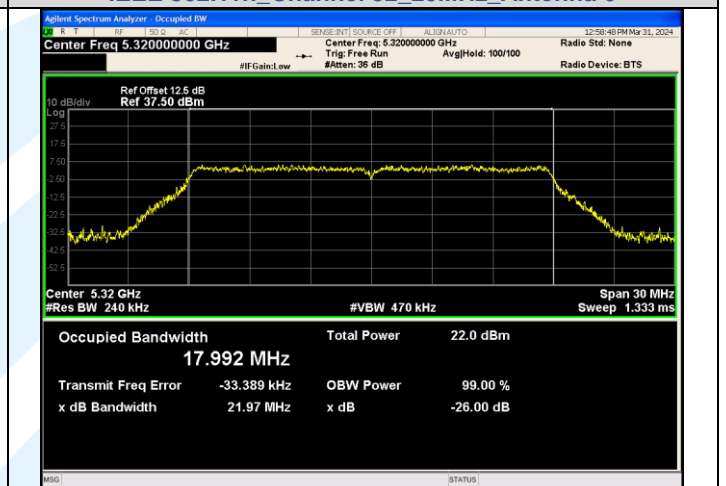
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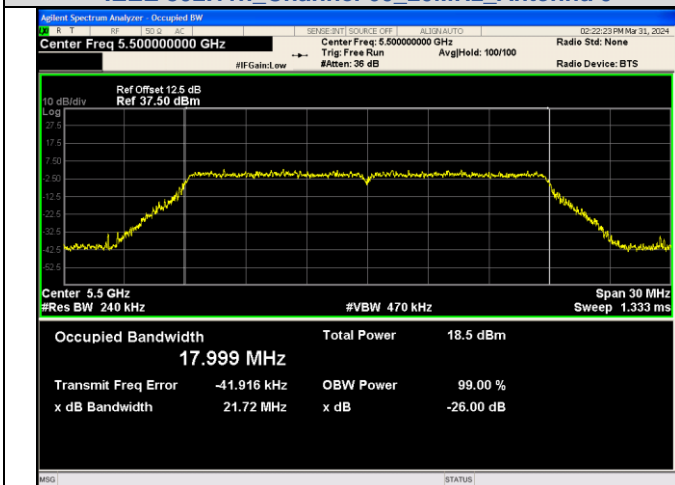
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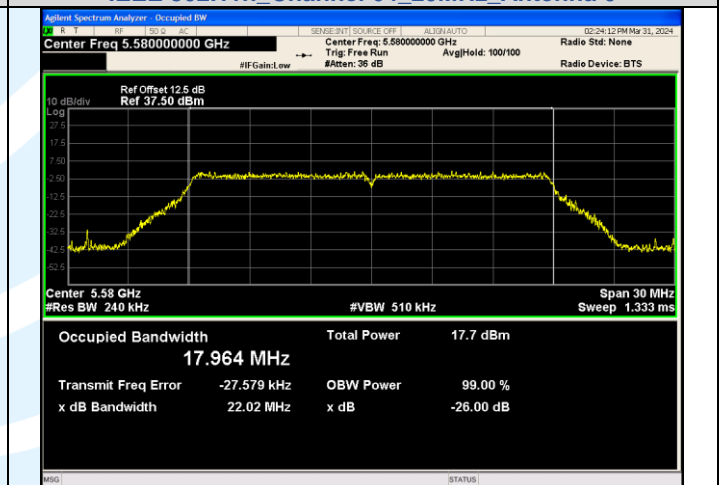
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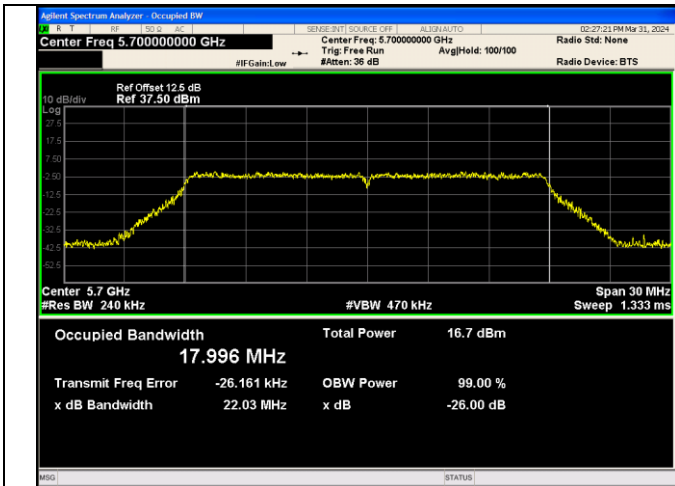
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IEEE 802.11n_Channel 100_20MHz_Antenna 0

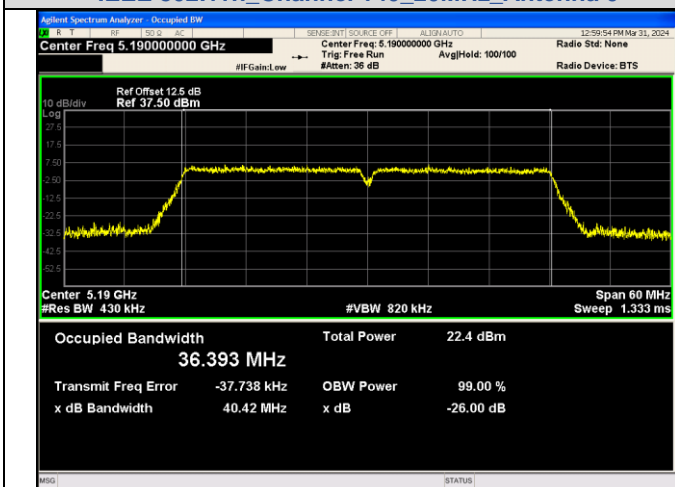


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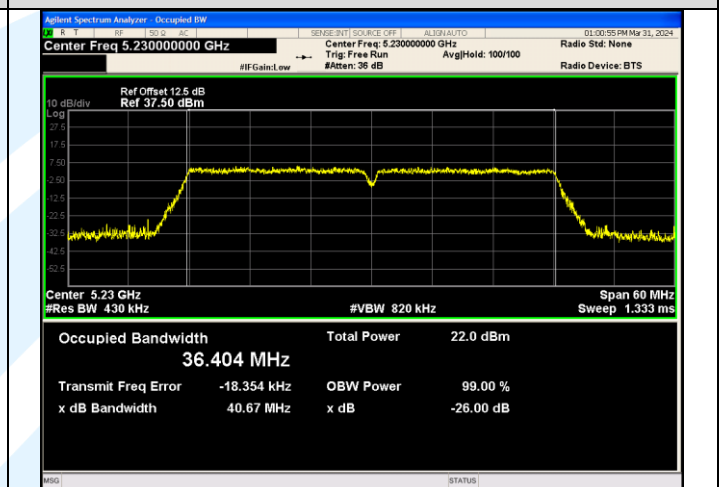


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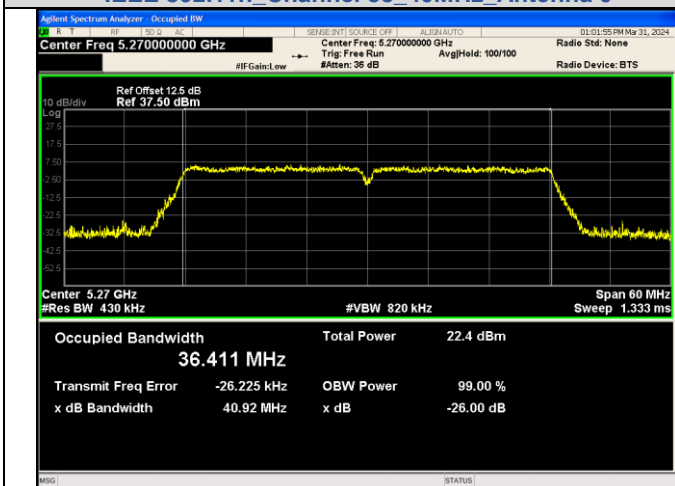
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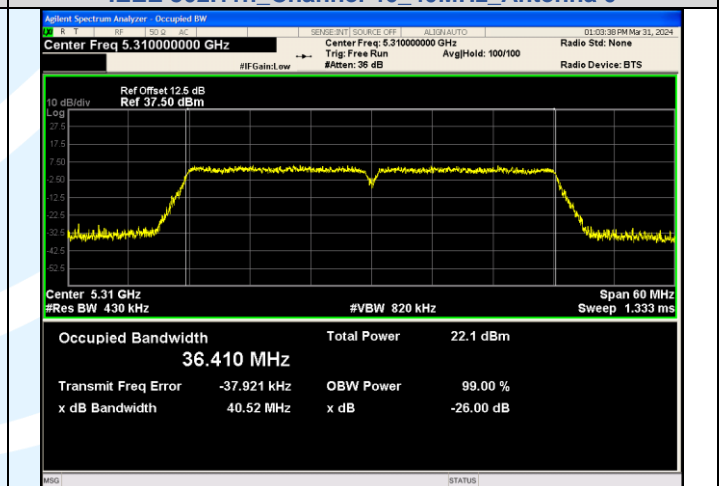
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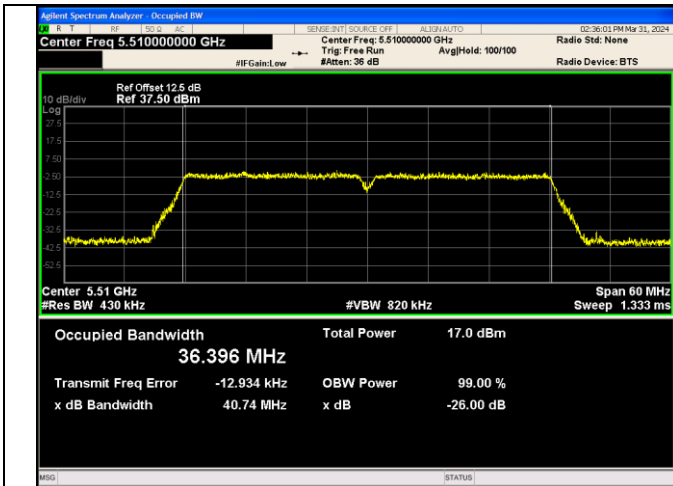
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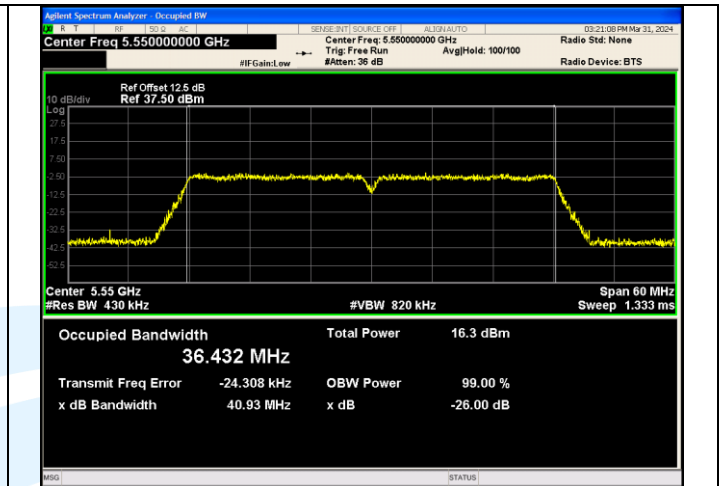
IEEE 802.11n_Channel 54_40MHz_Antenna 0



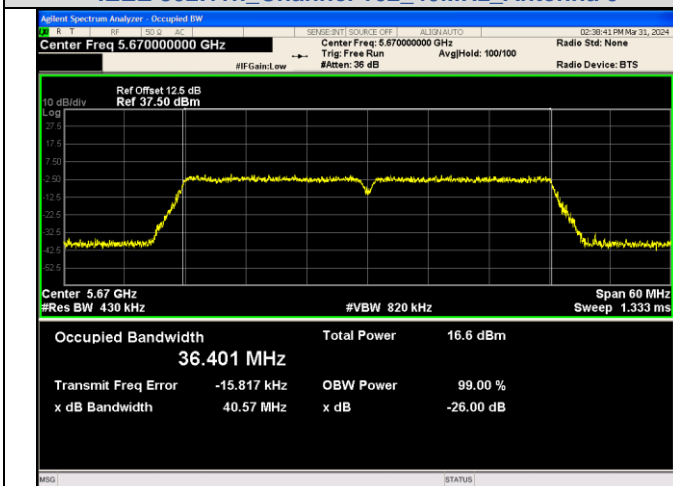
IEEE 802.11n_Channel 62_40MHz_Antenna 0



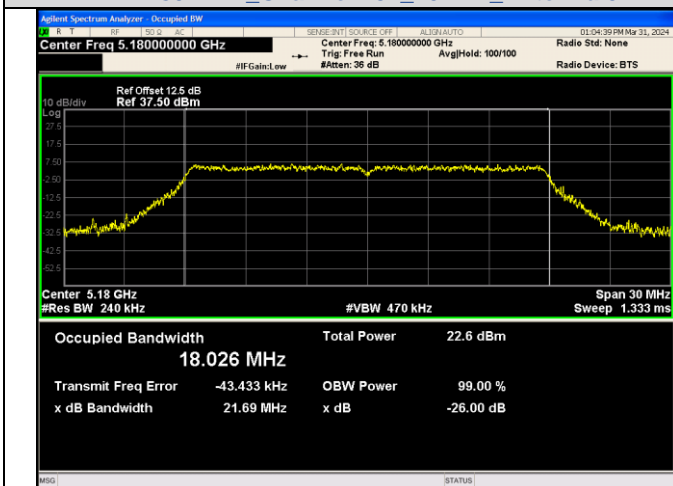
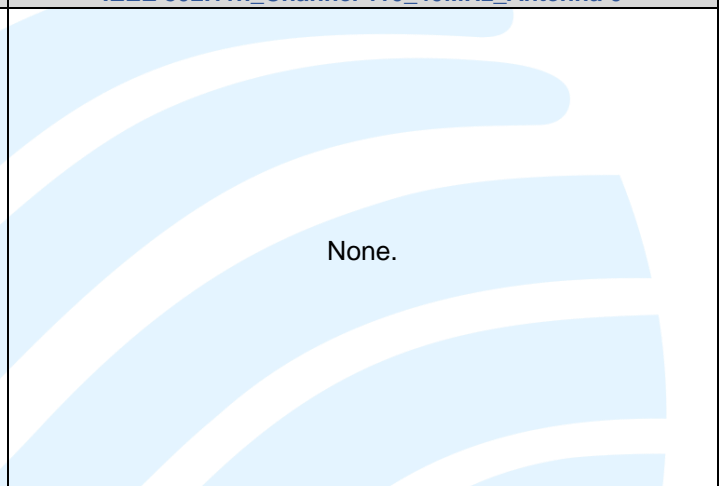
IEEE 802.11n_Channel 102_40MHz_Antenna 0



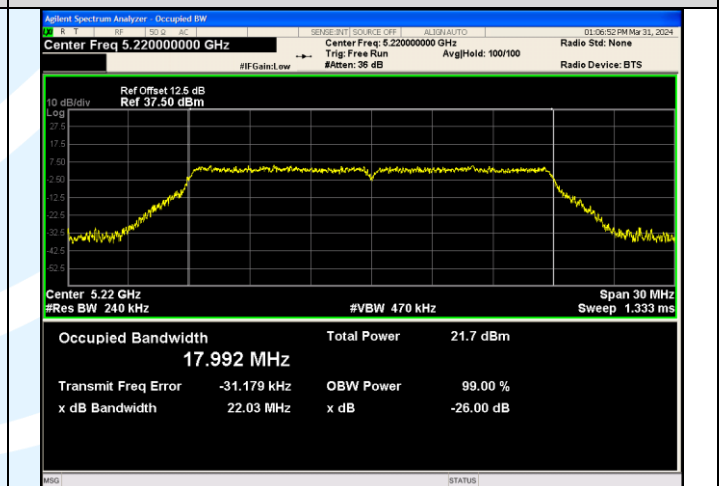
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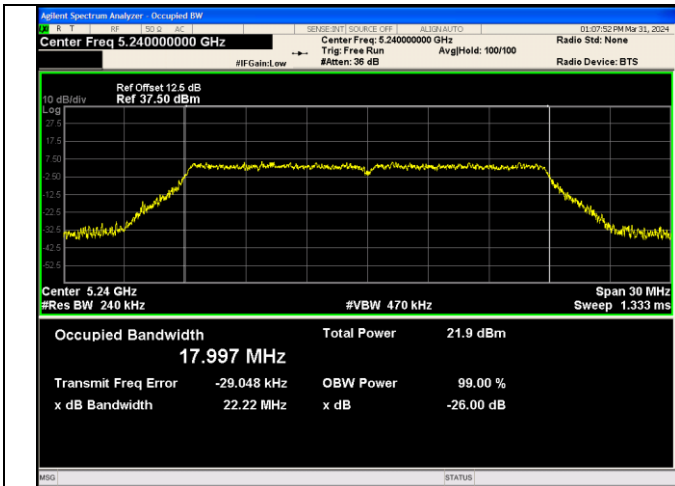
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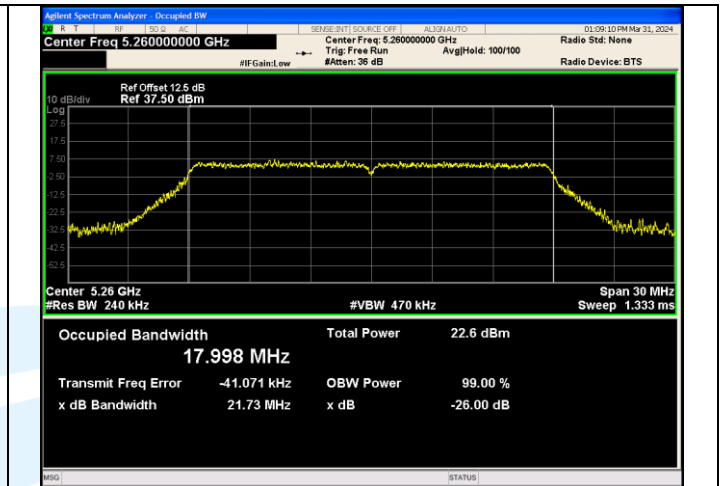
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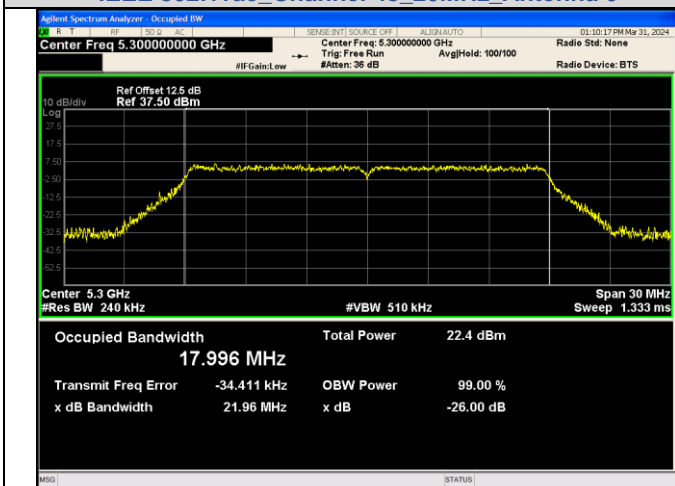
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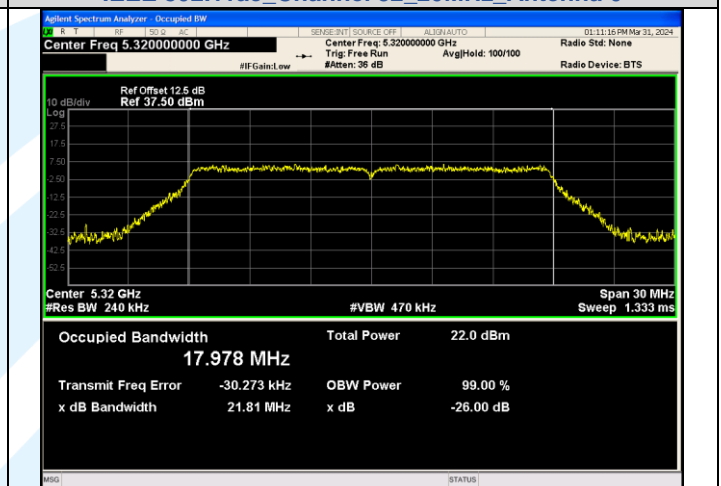
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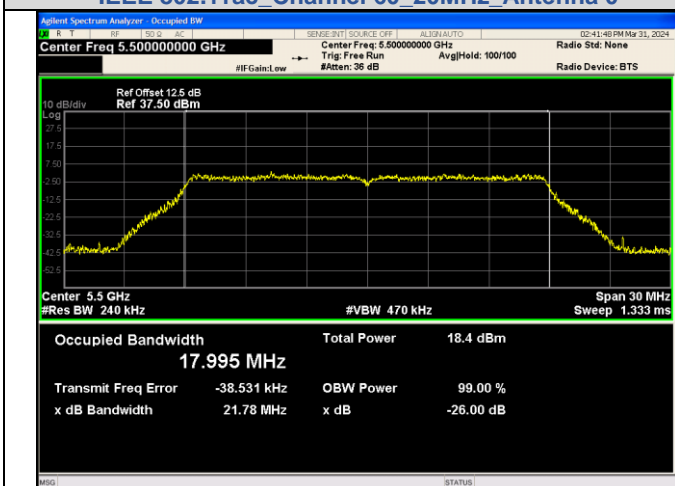
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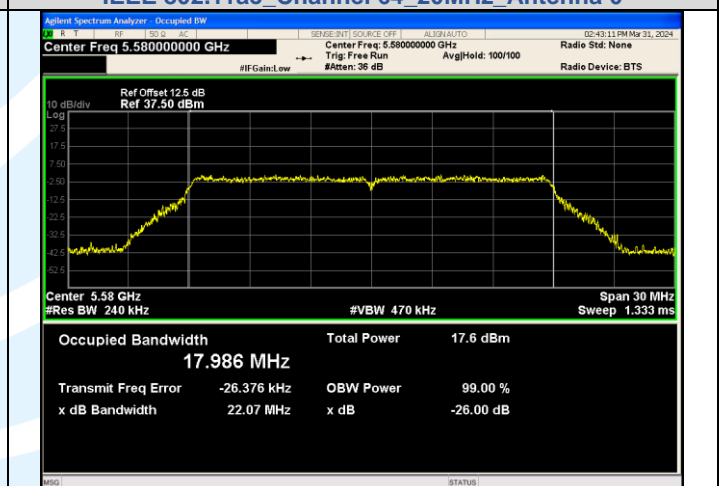
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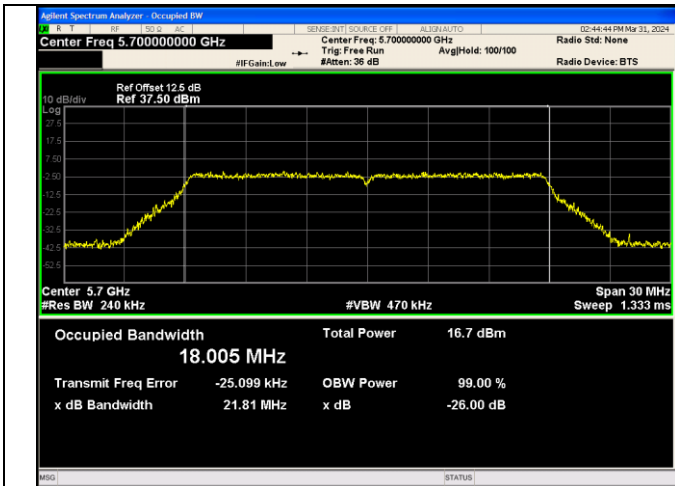
IEEE 802.11ac_Channel 64_20MHz_Antenna 0



IEEE 802.11ac_Channel 100_20MHz_Antenna 0

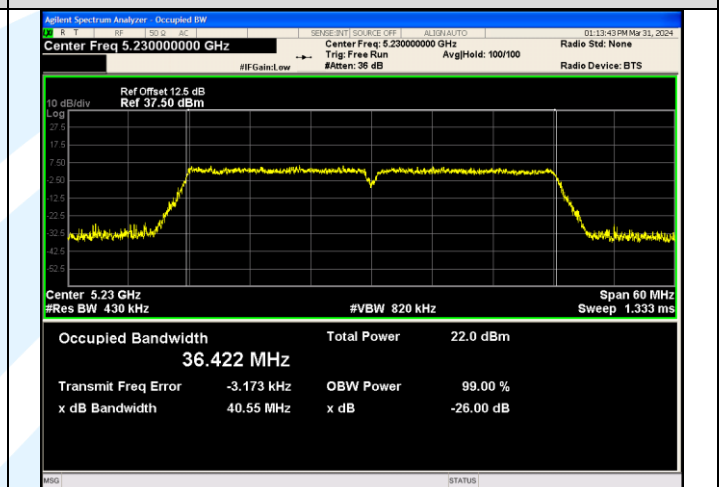
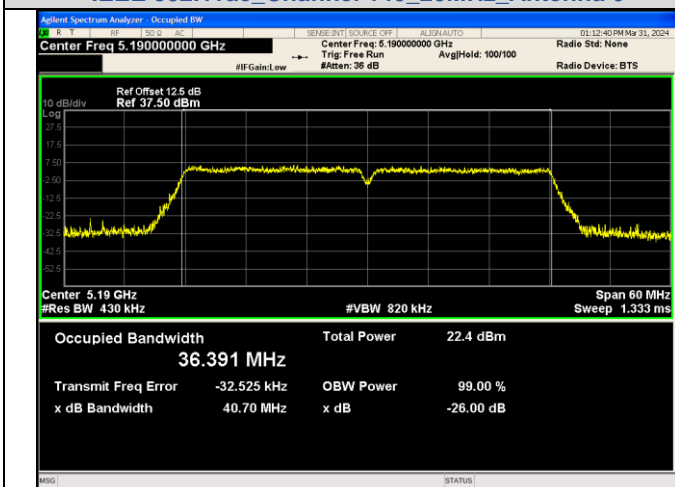


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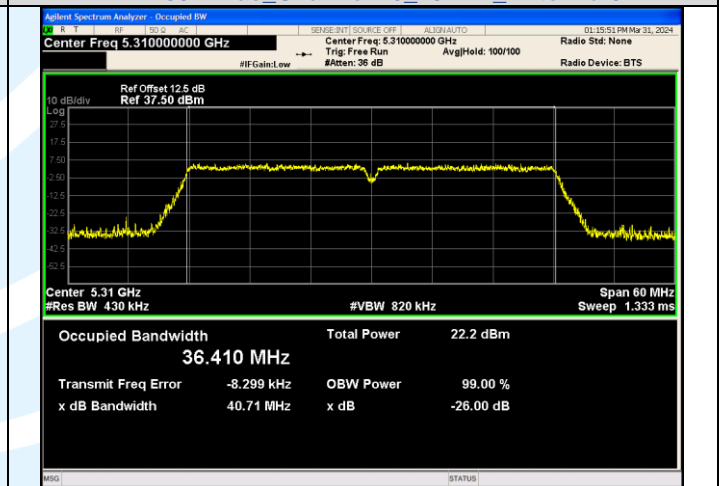
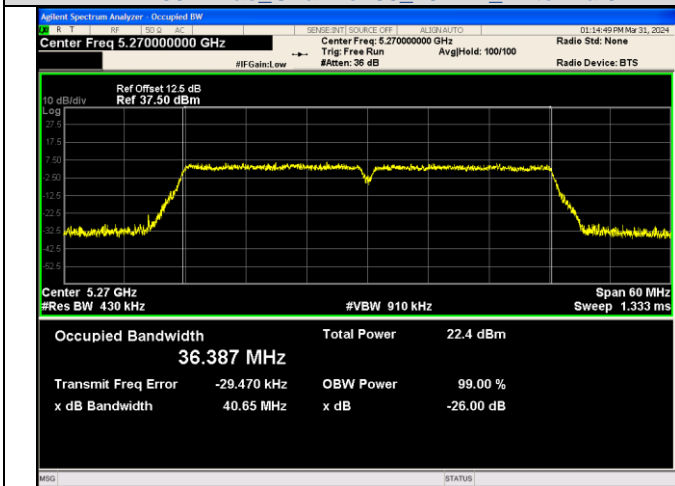
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IEEE 802.11ac_Channel 140_20MHz_Antenna 0



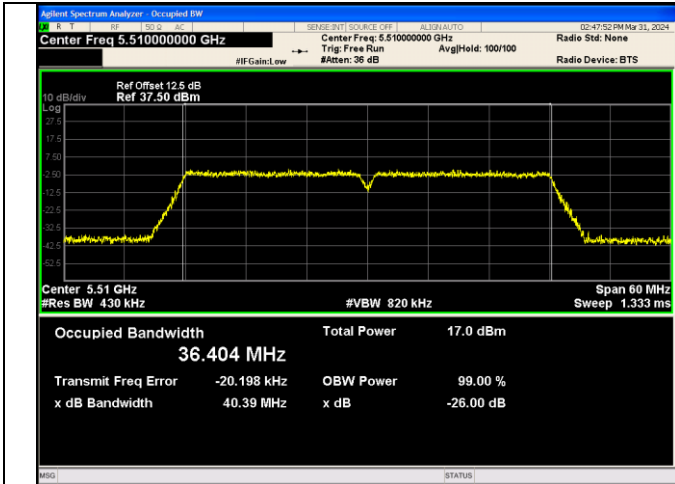
IEEE 802.11ac_Channel 38_40MHz_Antenna 0

IEEE 802.11ac_Channel 46_40MHz_Antenna 0

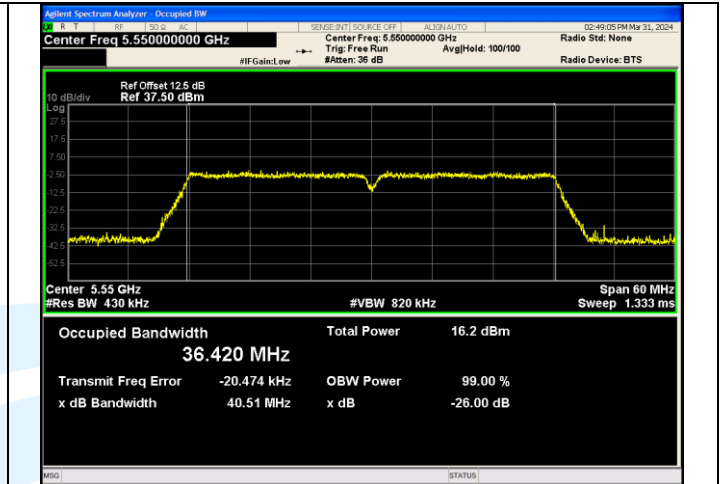


IEEE 802.11ac_Channel 54_40MHz_Antenna 0

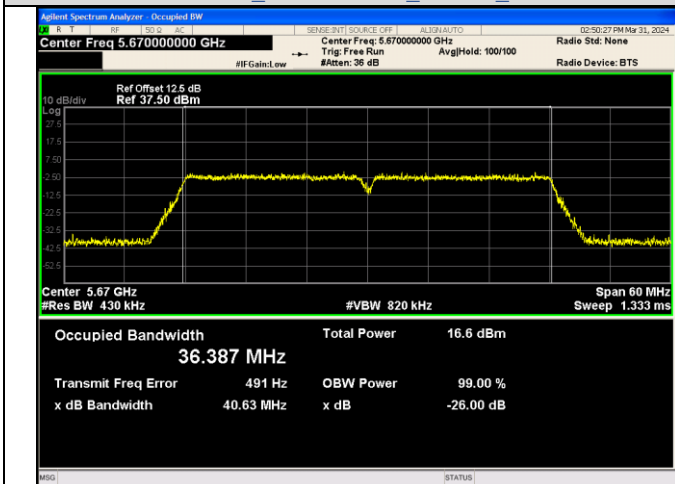
IEEE 802.11ac_Channel 62_40MHz_Antenna 0



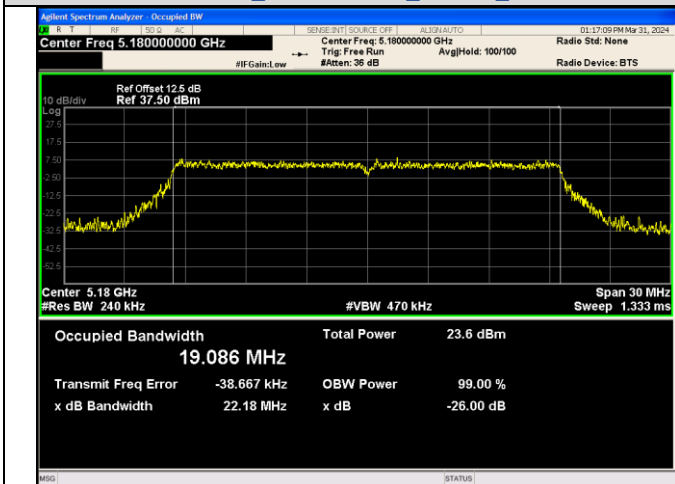
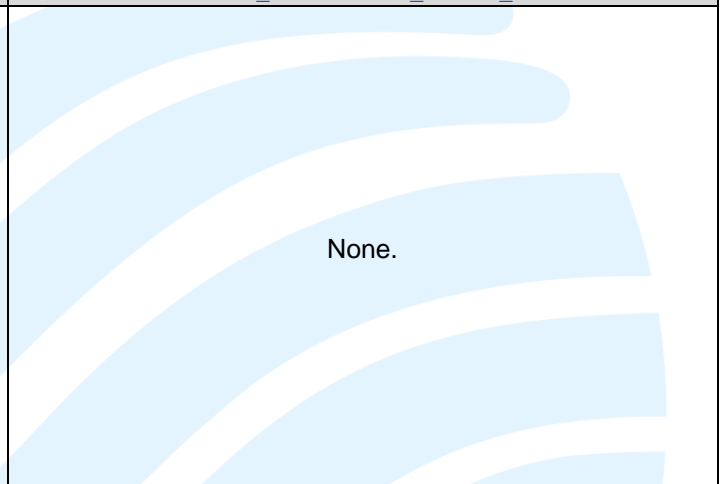
IEEE 802.11ac_Channel 102_40MHz_Antenna 0



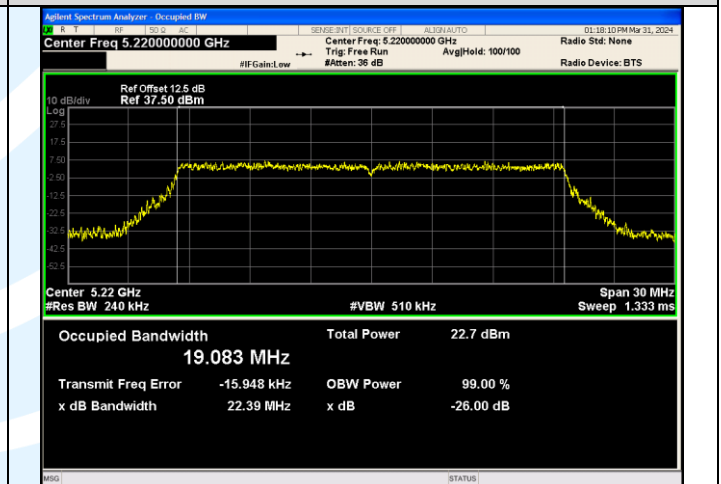
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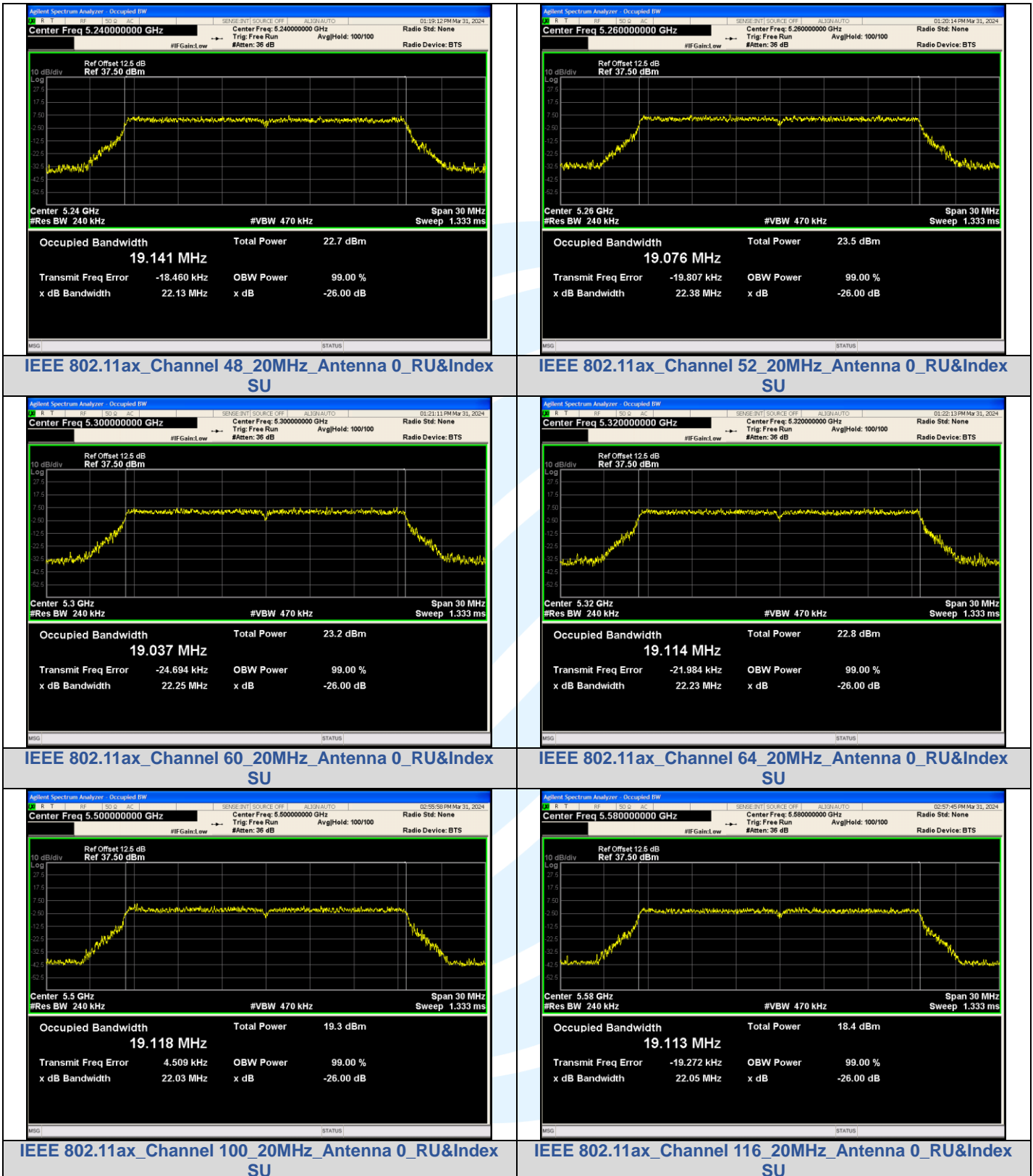
IEEE 802.11ac_Channel 134_40MHz_Antenna 0



IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 44_20MHz_Antenna 0_RU&Index SU



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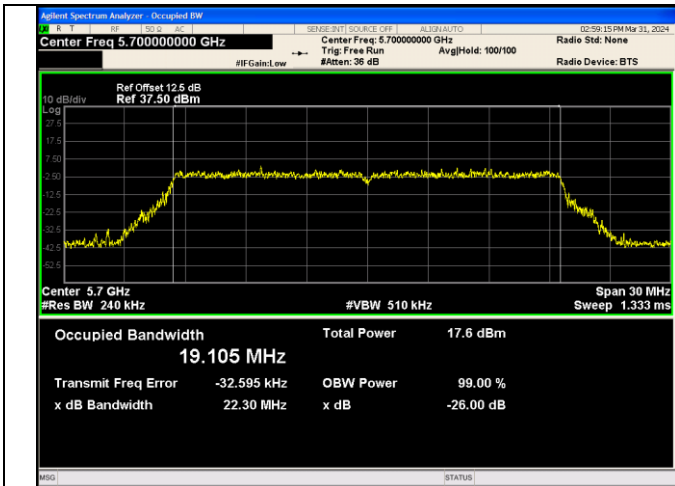
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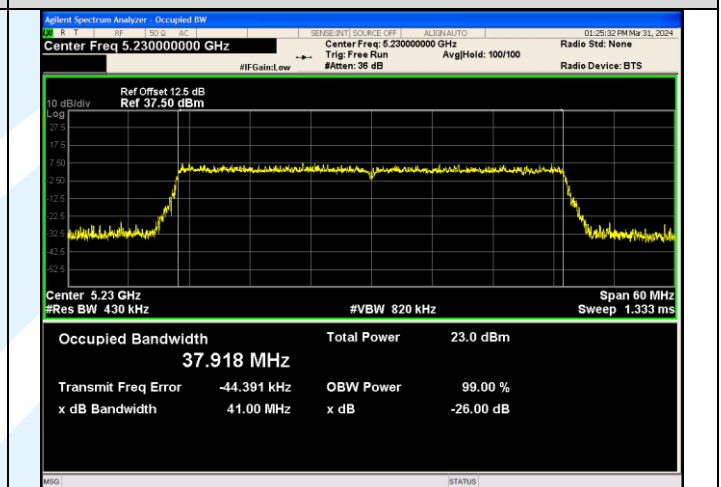
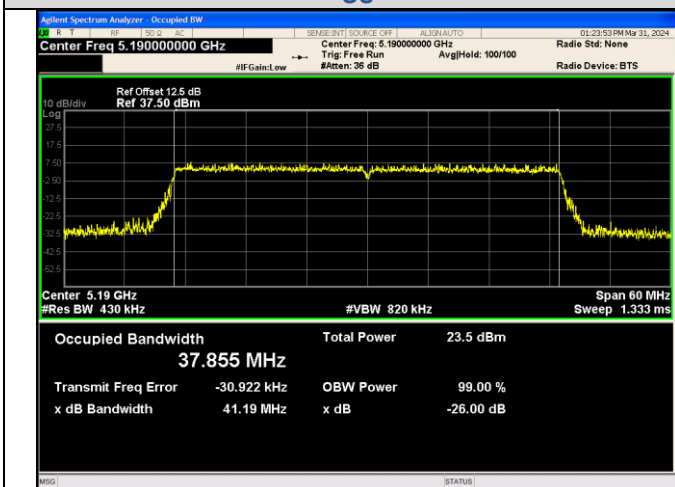
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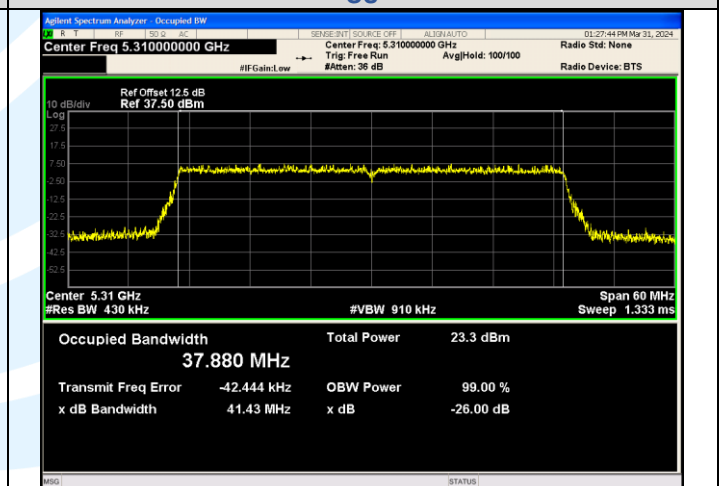
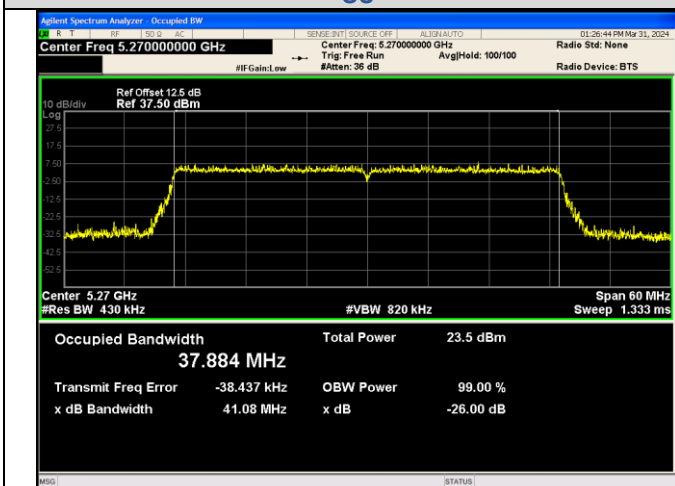
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IEEE 802.11ax_Channel 140_20MHz_Antenna 0_RU&Index SU



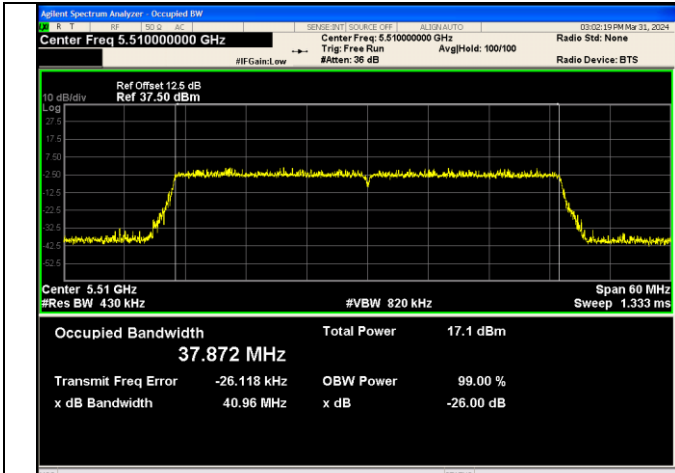
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IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU

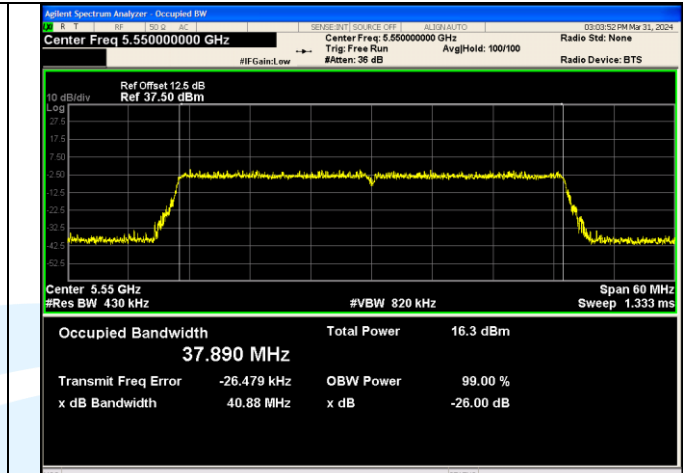


IEEE 802.11ax_Channel 54_40MHz_Antenna 0_RU&Index SU

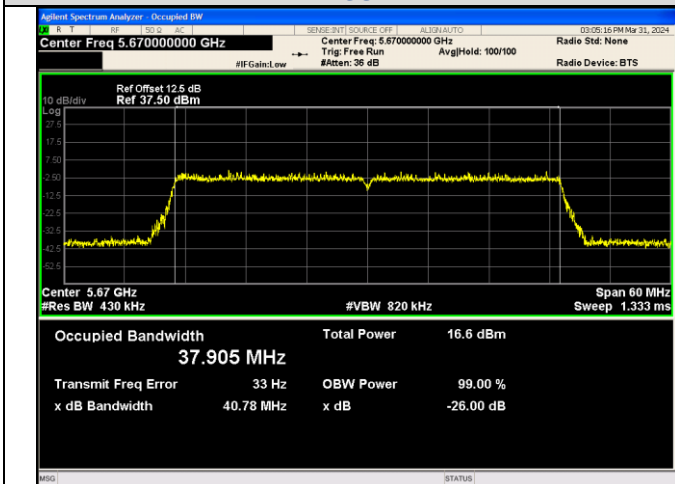
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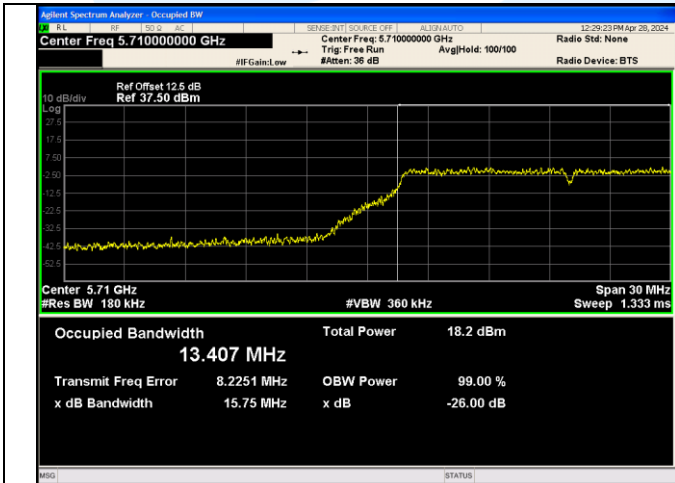
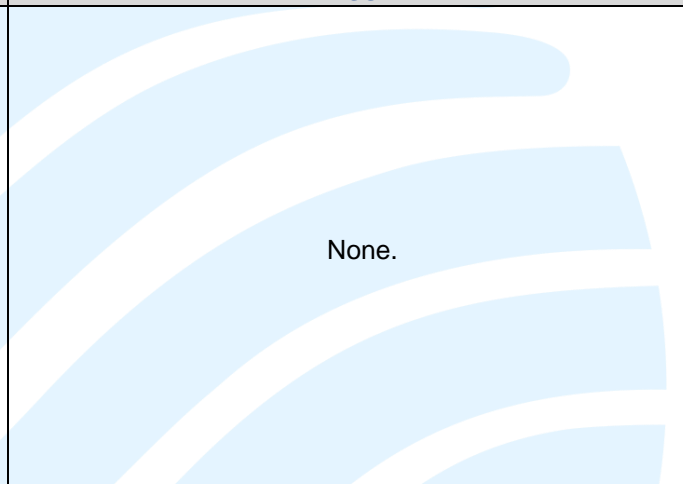
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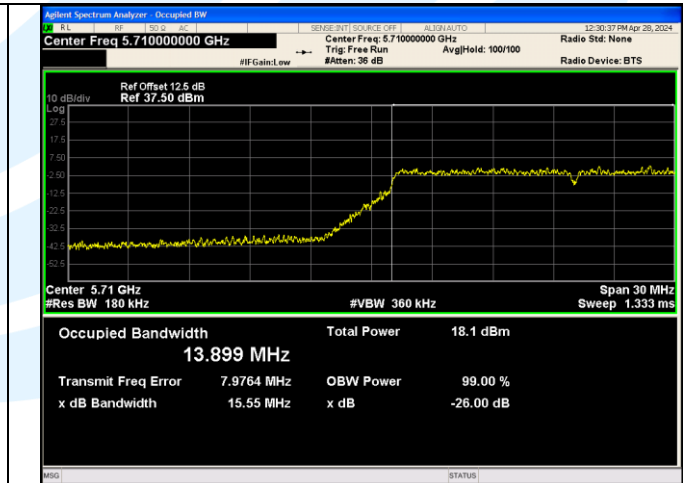
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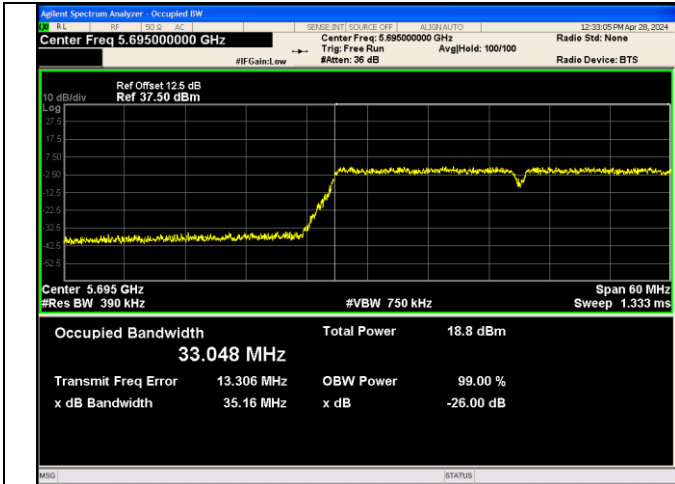
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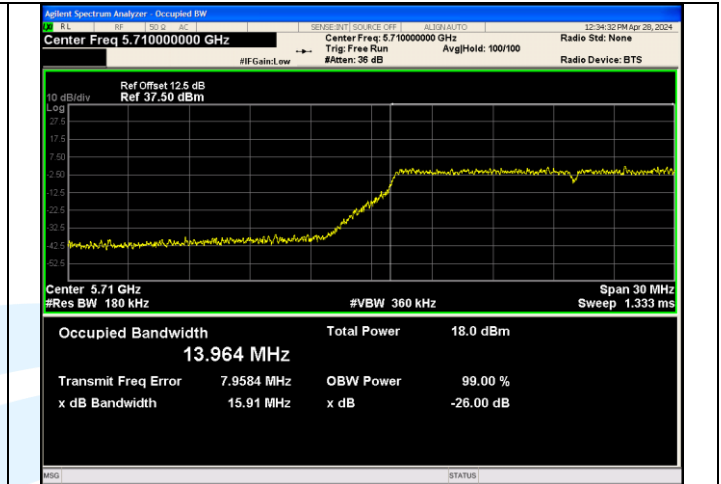
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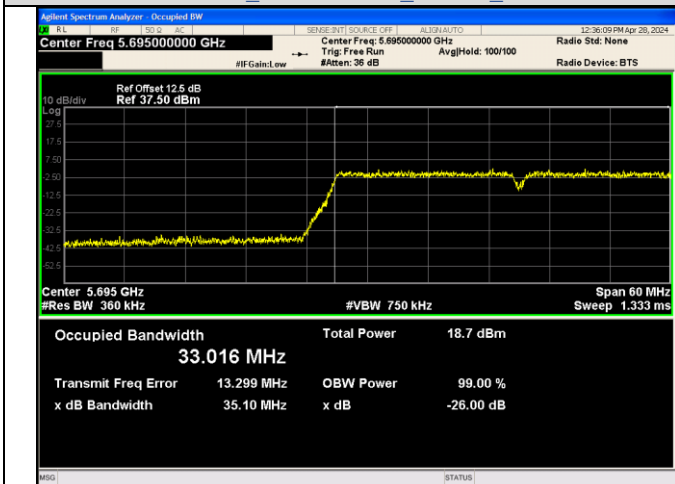
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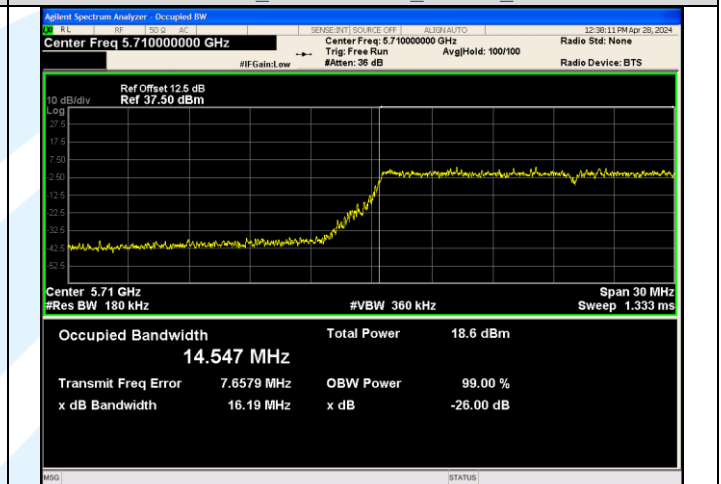
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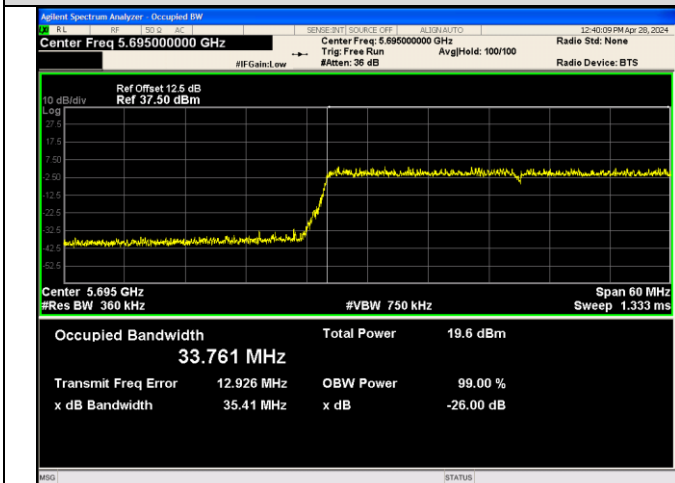
IEEE 802.11ac_Channel 144_20MHz_Antenna 0



IEEE 802.11ac_Channel 142_40MHz_Antenna 0



IEEE 802.11ax_Channel 144_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 142_40MHz_Antenna 0_RU&Index SU

A.3 PEAK POWER SPECTRAL DENSITY

For U-NII-1, U-NII-2A, U-NII-2C band

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 EIRP PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	36	N/A	4.636	4.756	9.276	10	PASS
	44		3.554	3.674	8.194	10	PASS
	48		3.784	3.904	8.424	10	PASS
	52		4.738	4.858	9.378	10	PASS
	60		4.655	4.775	9.295	10	PASS
	64		4.007	4.127	8.647	10	PASS
	100		4.587	4.707	-	11	PASS
	116		4.005	4.125	-	11	PASS
	140		2.724	2.844	-	11	PASS
IEEE 802.11n_20	36	N/A	4.542	4.662	9.182	10	PASS
	44		3.468	3.588	8.108	10	PASS
	48		3.579	3.699	8.219	10	PASS
	52		4.772	4.892	9.412	10	PASS
	60		4.195	4.315	8.835	10	PASS
	64		3.985	4.105	8.625	10	PASS
	100		4.339	4.459	-	11	PASS
	116		3.550	3.670	-	11	PASS
	140		2.418	2.538	-	11	PASS
IEEE 802.11n_40	38	N/A	3.058	3.268	7.788	10	PASS
	46		2.498	2.708	7.228	10	PASS
	54		2.840	3.050	7.570	10	PASS
	62		2.798	3.008	7.528	10	PASS
	102		0.838	1.048	-	11	PASS
	110		0.056	0.266	-	11	PASS
	134		0.304	0.514	-	11	PASS
IEEE 802.11ac_20	36	N/A	4.439	4.559	9.079	10	PASS
	44		3.692	3.812	8.332	10	PASS
	48		3.460	3.580	8.100	10	PASS
	52		4.516	4.636	9.156	10	PASS
	60		4.192	4.312	8.832	10	PASS
	64		3.683	3.803	8.323	10	PASS
	100		4.290	4.410	-	11	PASS
	116		3.390	3.510	-	11	PASS
	140		2.551	2.671	-	11	PASS
IEEE 802.11ac_40	38	N/A	2.923	3.043	7.563	10	PASS
	46		2.556	2.676	7.196	10	PASS
	54		2.995	3.115	7.635	10	PASS
	62		2.597	2.717	7.237	10	PASS
	102		1.180	1.300	-	11	PASS
	110		0.231	0.351	-	11	PASS
	134		0.192	0.312	-	11	PASS
IEEE 802.11ax_20	36	SU	4.504	4.644	9.164	10	PASS
	44		3.415	3.555	8.075	10	PASS
	48		3.488	3.628	8.148	10	PASS
	52		4.187	4.327	8.847	10	PASS
	60		3.896	4.036	8.556	10	PASS
	64		3.591	3.731	8.251	10	PASS
	100		3.941	4.081	-	11	PASS
	116		3.308	3.448	-	11	PASS
	140		2.537	2.677	-	11	PASS

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IEEE 802.11ax_40	38		3.070	3.210	7.730	10	PASS
	46		2.570	2.710	7.230	10	PASS
	54		2.892	3.032	7.552	10	PASS
	62		2.372	2.512	7.032	10	PASS
	102		0.796	0.936	-	11	PASS
	110		0.147	0.287	-	11	PASS
	134		0.105	0.245	-	11	PASS

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	144	N/A	2.887	3.007	11	PASS
IEEE 802.11n_20	144		2.620	2.740		PASS
IEEE 802.11n_40	142		-0.204	0.006		PASS
IEEE 802.11ac_20	144		2.483	2.603		PASS
IEEE 802.11ac_40	142		-0.663	-0.543		PASS
IEEE 802.11ax_20	144	SU	2.347	2.487	11	PASS
IEEE 802.11ax_40	142		-0.764	-0.624		PASS

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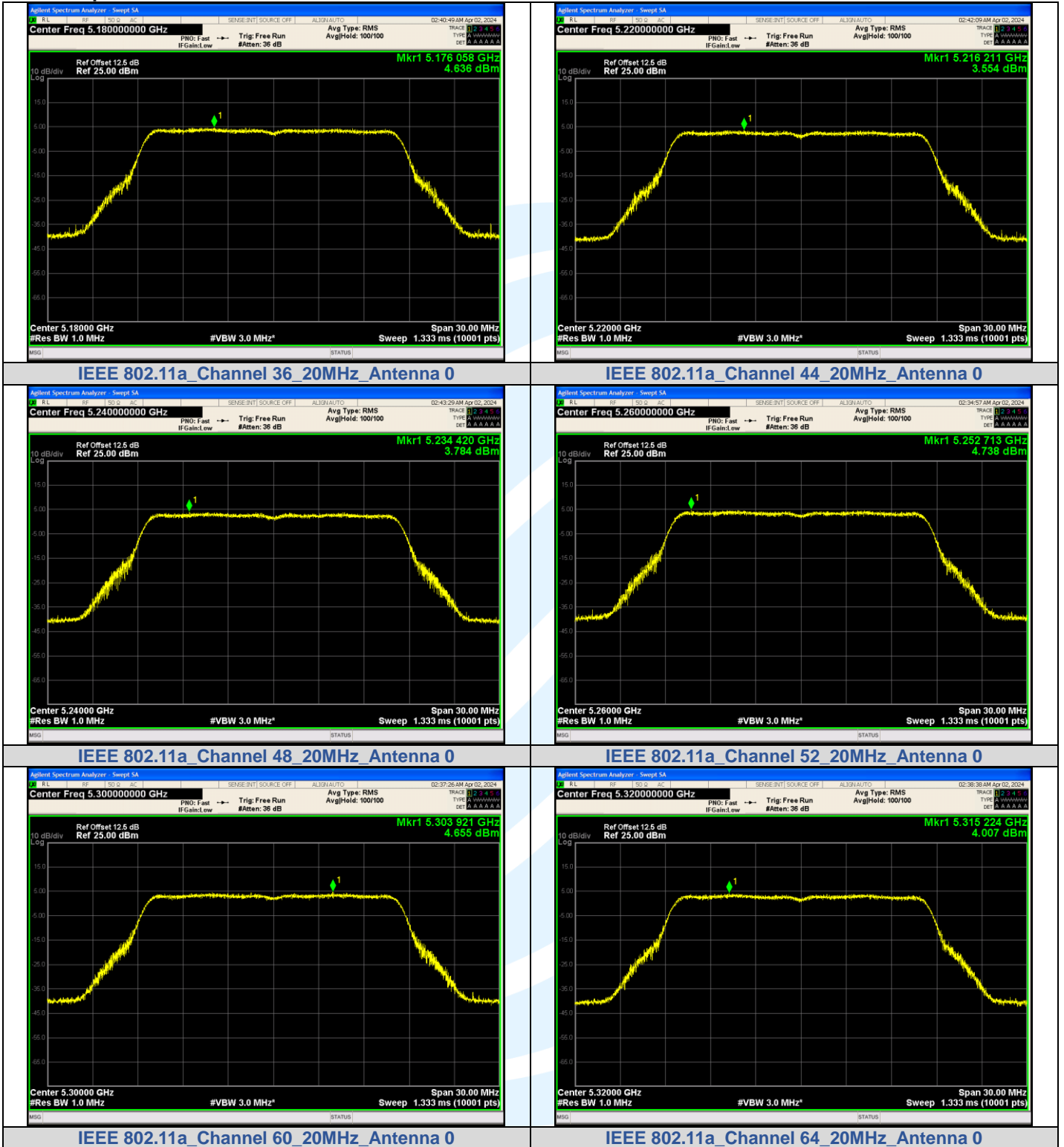
Fax: +86-755-28230886

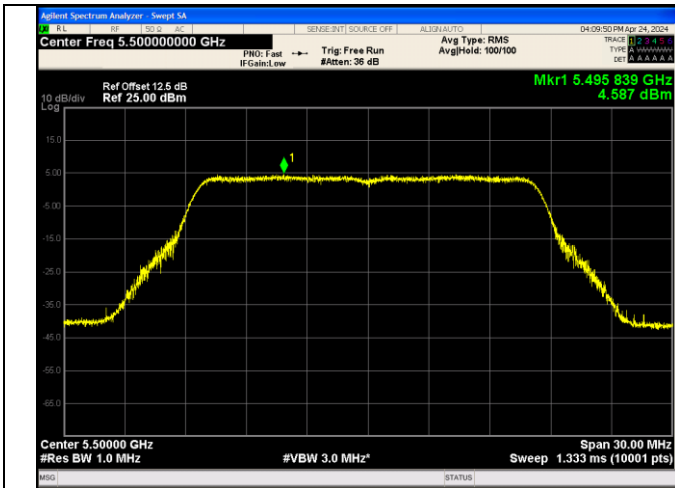
E-mail: info@uttlab.com

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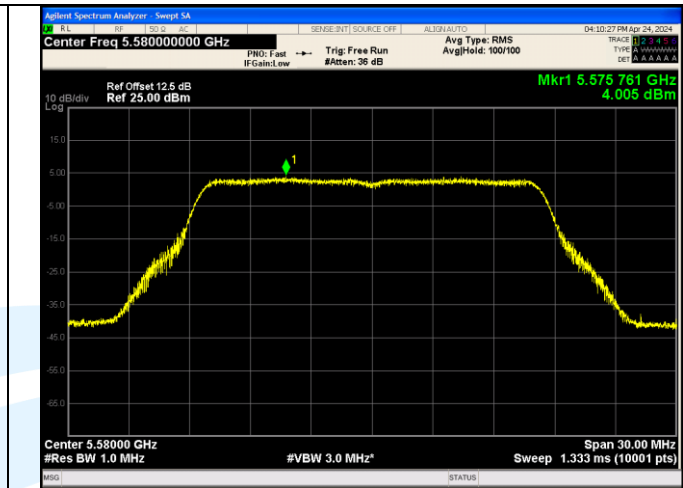
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Test Graphs

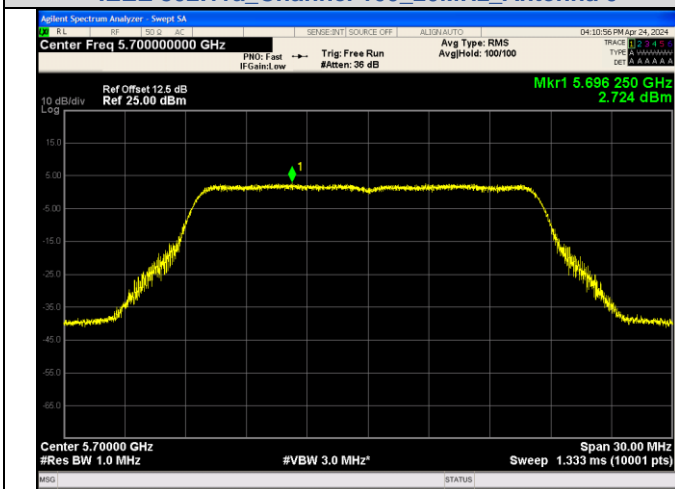




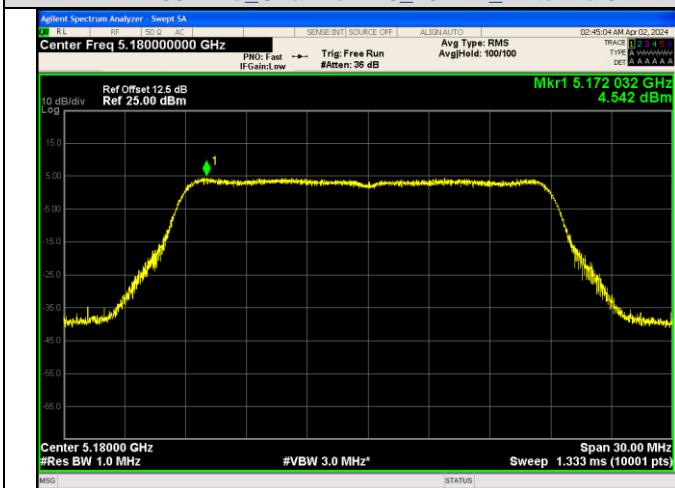
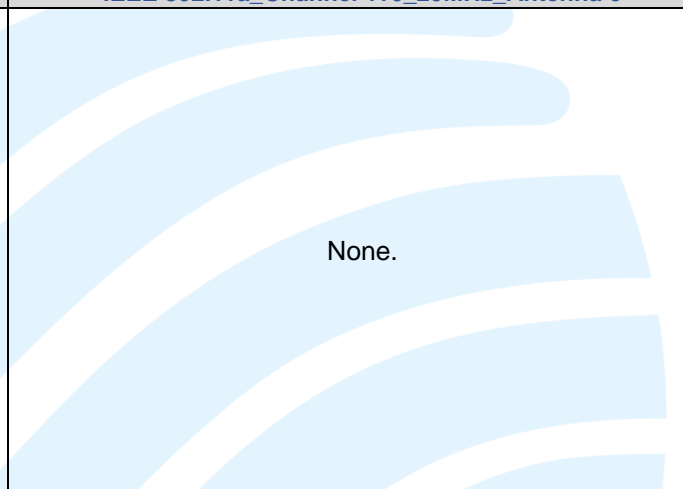
IEEE 802.11a_Channel 100_20MHz_Antenna 0



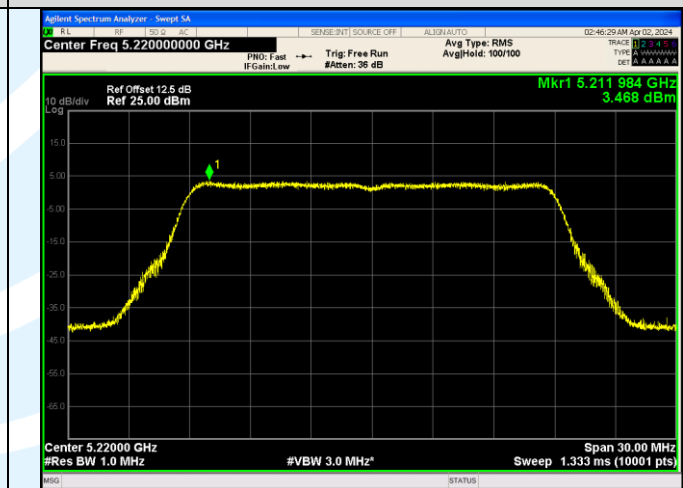
IEEE 802.11a_Channel 116_20MHz_Antenna 0



IEEE 802.11a_Channel 140_20MHz_Antenna 0



IEEE 802.11n_Channel 36_20MHz_Antenna 0



IEEE 802.11n_Channel 44_20MHz_Antenna 0