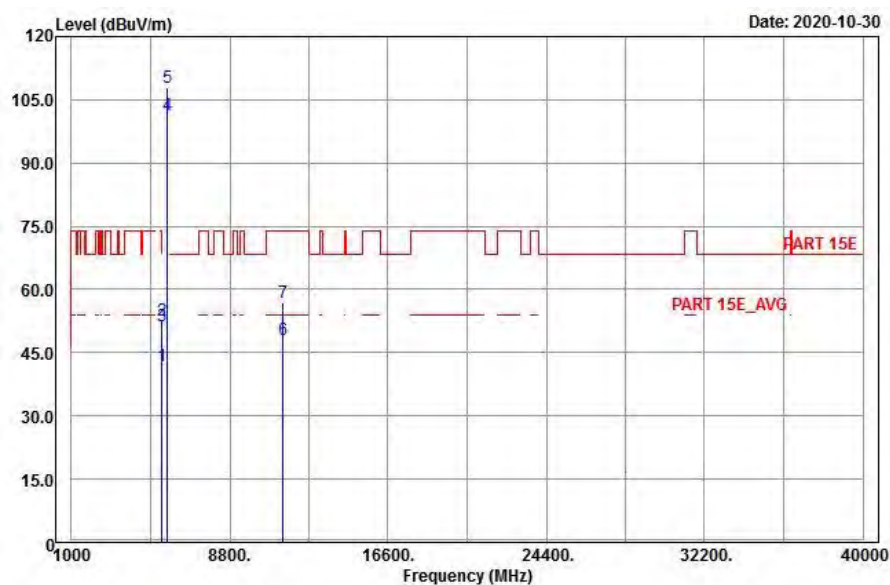
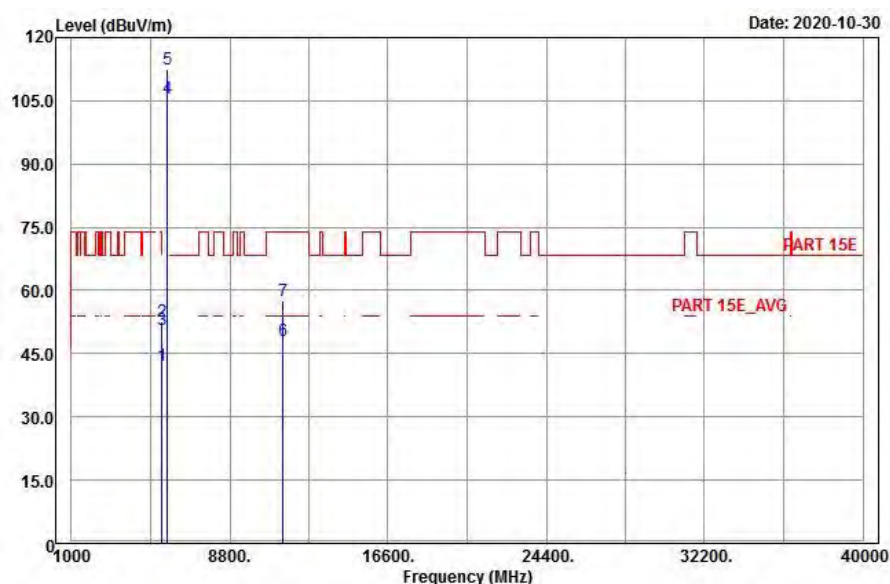


EUT Test Condition		Measurement Detail	
Channel	Channel 144	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



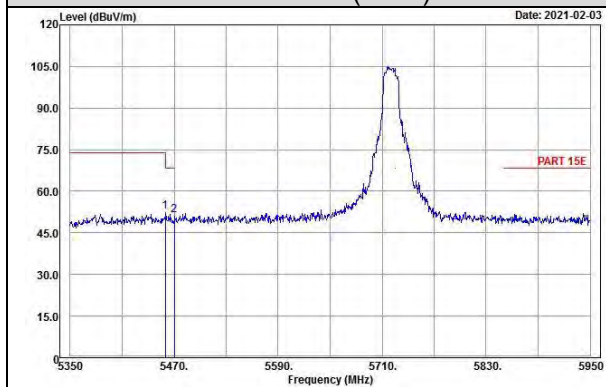
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	41.87	31.36	10.51	54	-12.13	184	343	Average
5460	52.67	42.16	10.51	74	-21.33	184	343	Peak
*5470	51.32	40.79	10.53	68.2	-16.88	184	343	Peak
5720	101.34	90.42	10.92			184	343	Average
5720	108	97.08	10.92			184	343	Peak
11440	47.93	31.64	16.29	54	-6.07	140	4	Average
11440	56.94	40.65	16.29	74	-17.06	140	4	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.09	31.58	10.51	54	-11.91	246	11	Average
5460	52.66	42.15	10.51	74	-21.34	246	11	Peak
*5470	50.64	40.11	10.53	68.2	-17.56	246	11	Peak
5720	105.56	94.64	10.92			246	11	Average
5720	112.57	101.65	10.92			246	11	Peak
11440	48.21	31.92	16.29	54	-5.79	197	287	Average
11440	57.57	41.28	16.29	74	-16.43	197	287	Peak

Remarks:

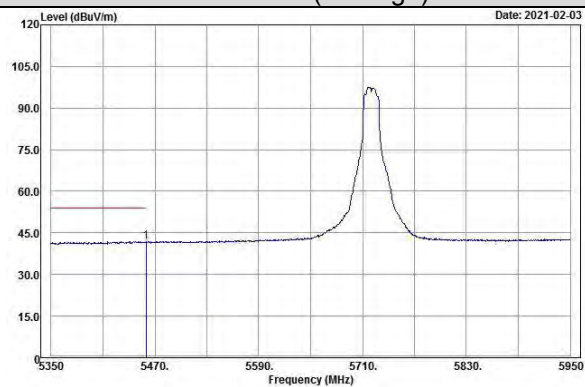
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5720 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 144

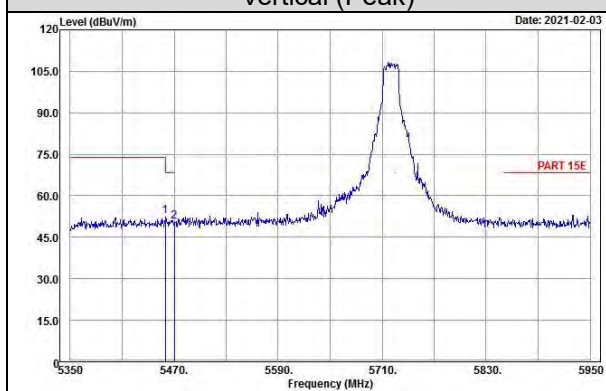
Horizontal (Peak)



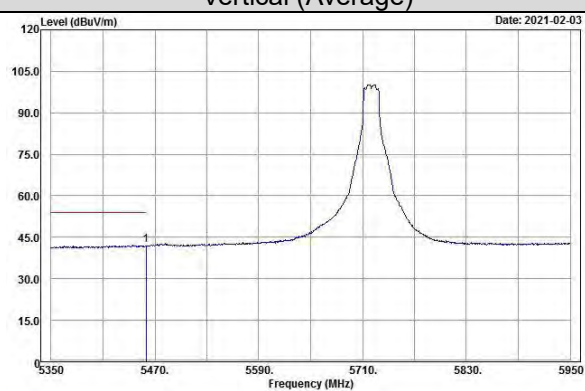
Horizontal (Average)



Vertical (Peak)

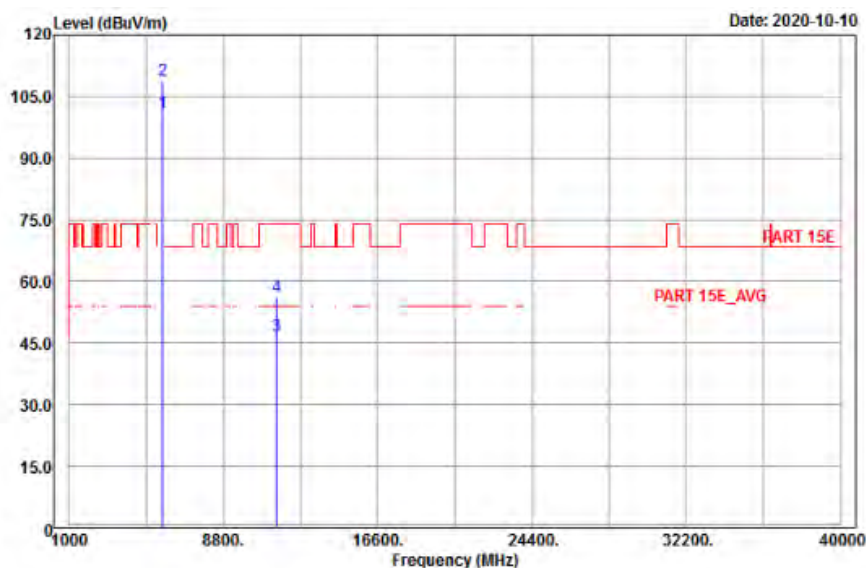


Vertical (Average)

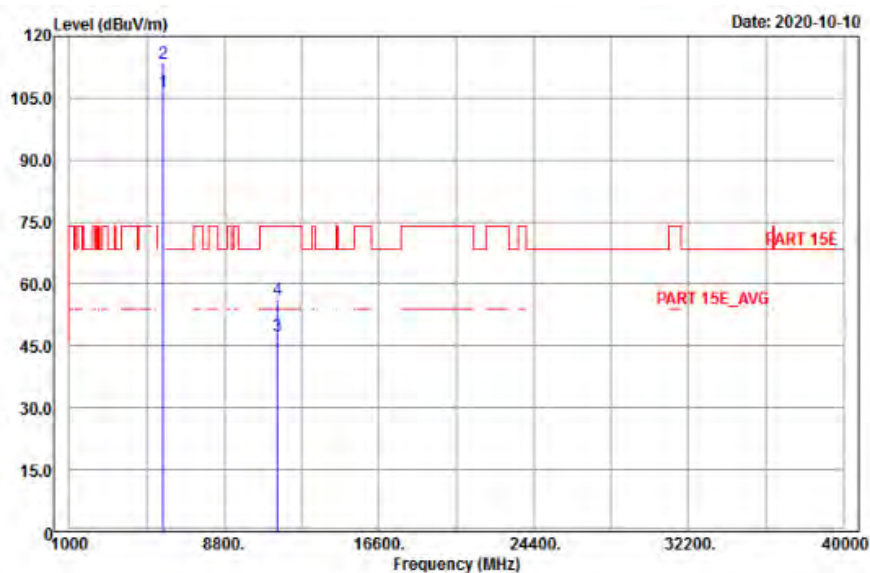


EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

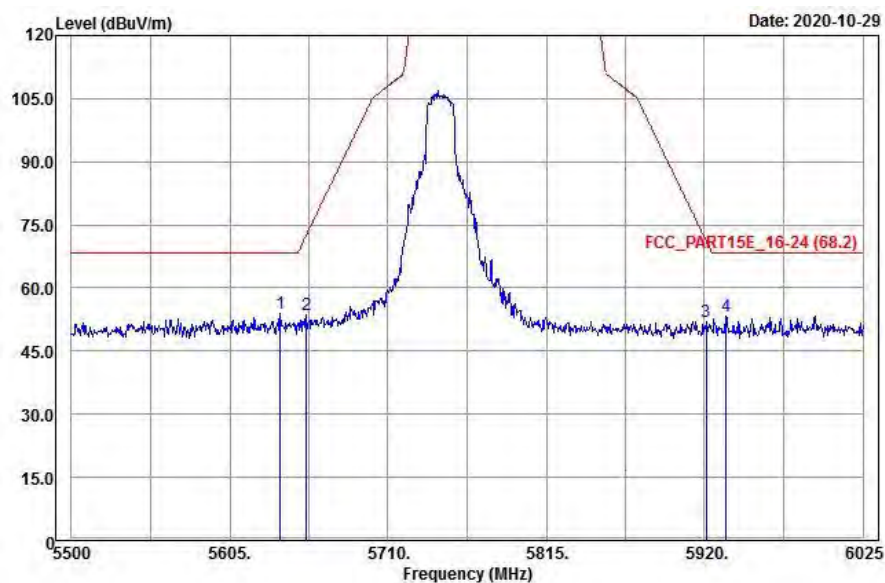
<Spurious Emission> Horizontal



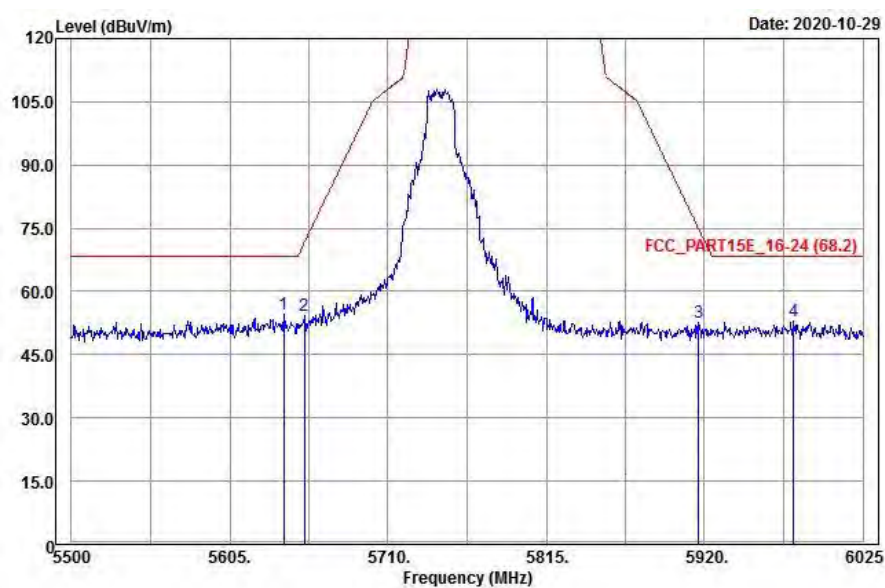
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5745	101.17	90.29	10.88			212	337	Average
5745	108.91	98.03	10.88			212	337	Peak
11490	46.61	30.14	16.47	54	-7.39	124	189	Average
11490	56.2	39.73	16.47	74	-17.8	124	189	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5745	106.56	95.68	10.88			220	47	Average
5745	113.56	102.68	10.88			220	47	Peak
11490	47.51	31.04	16.47	54	-6.49	261	101	Average
11490	56.16	39.69	16.47	74	-17.84	261	101	Peak

<Out of Band Emission (OOBE)>

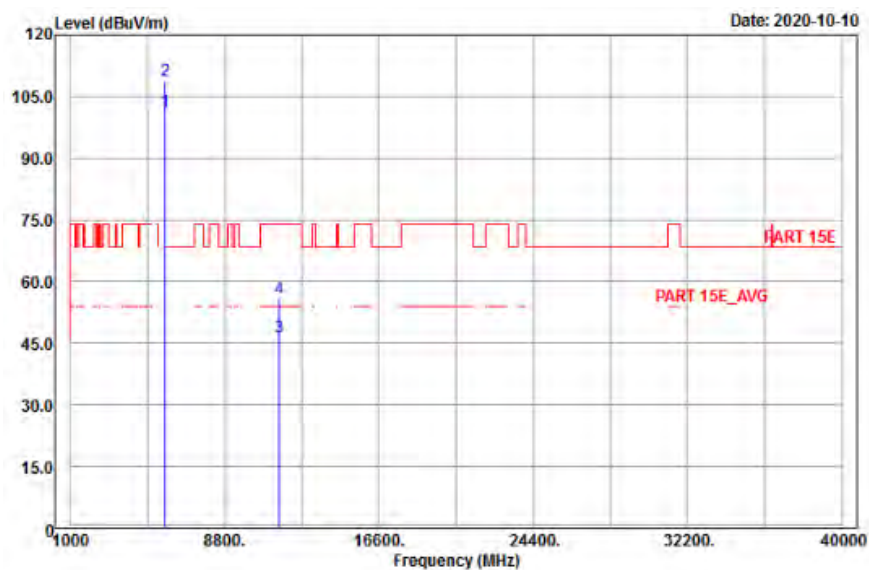
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5638.6	53.81	42.98	10.83	68.2	-14.39	212	337	Peak
5655.925	53.65	42.78	10.87	72.58	-18.93	212	337	Peak
5921.05	51.91	40.82	11.09	71.12	-19.21	212	337	Peak
*5934.175	53.3	42.17	11.13	68.2	-14.9	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5640.7	54.65	43.82	10.83	68.2	-13.55	220	47	Peak
5654.35	54.22	43.35	10.87	71.42	-17.2	220	47	Peak
5916.325	52.75	41.66	11.09	74.62	-21.87	220	47	Peak
*5979.325	52.83	41.57	11.26	68.2	-15.37	220	47	Peak

Remarks:

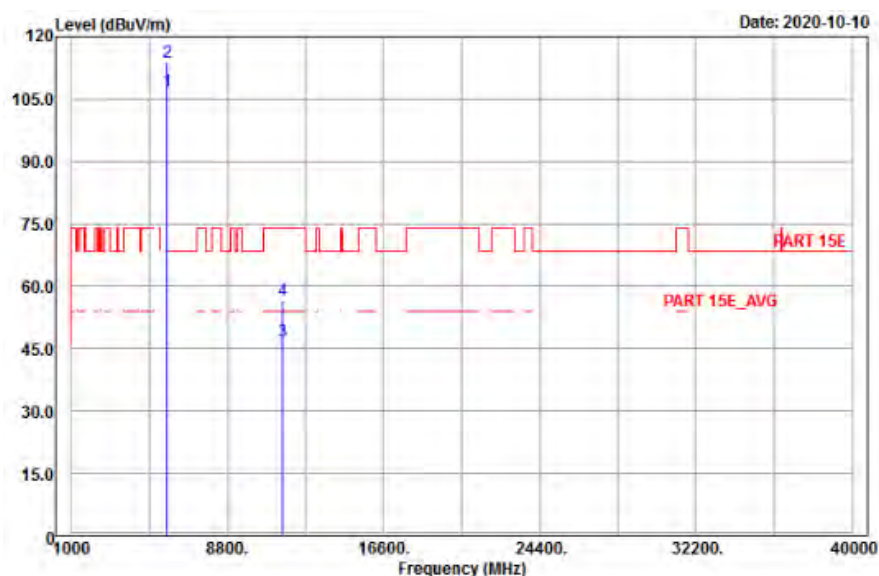
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5745 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

EUT Test Condition		Measurement Detail	
Channel	Channel 157	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

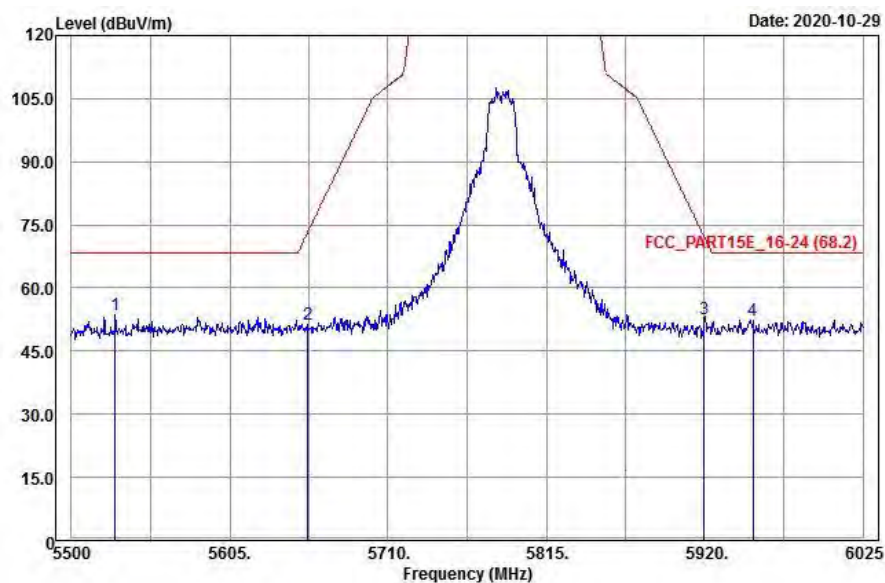
<Spurious Emission> Horizontal



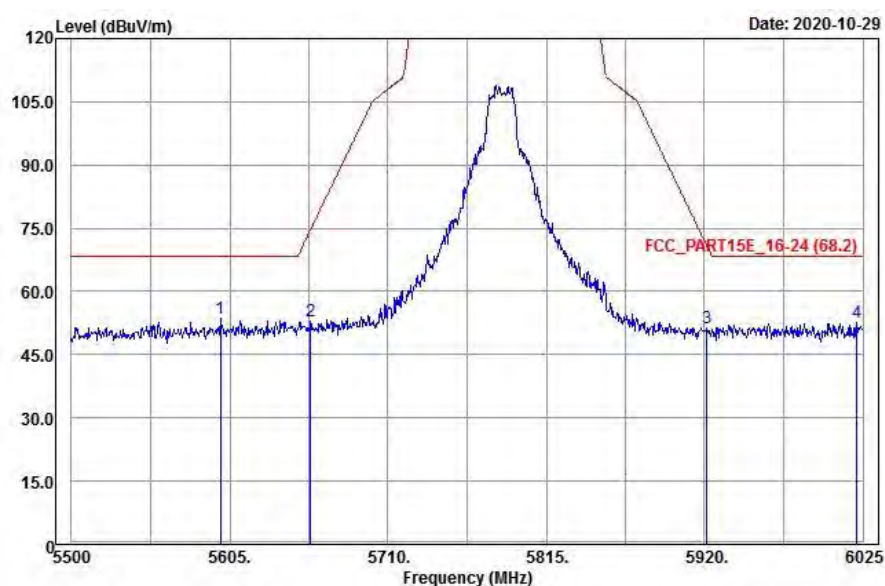
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5785	101.25	90.44	10.81			212	337	Average
5785	108.87	98.06	10.81			212	337	Peak
11570	46.37	29.88	16.49	54	-7.63	169	141	Average
11570	55.83	39.34	16.49	74	-18.17	169	141	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5785	106.89	96.08	10.81			220	47	Average
5785	113.91	103.1	10.81			220	47	Peak
11570	46.85	30.36	16.49	54	-7.15	151	190	Average
11570	56.41	39.92	16.49	74	-17.59	151	190	Peak

<Out of Band Emission (OOBE)>

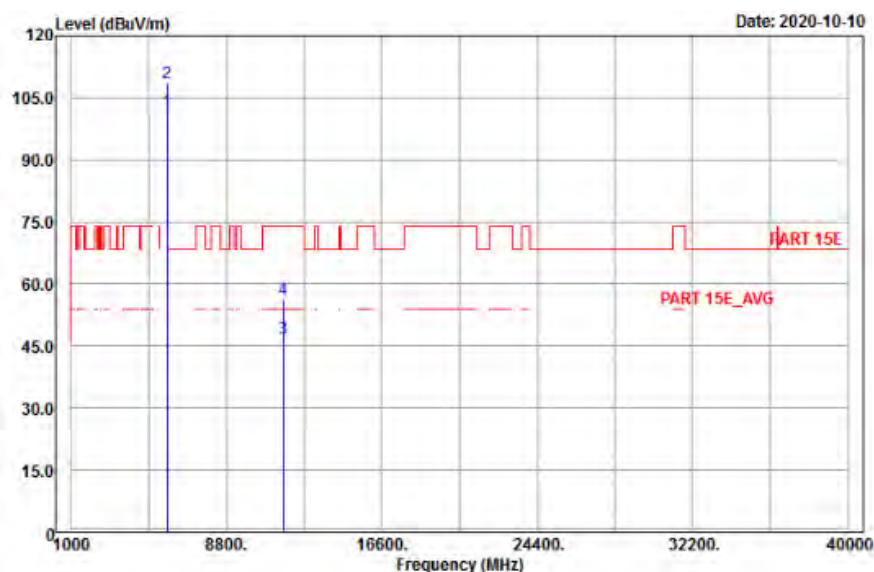
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5528.875	53.56	42.93	10.63	68.2	-14.64	212	337	Peak
5656.975	51.41	40.54	10.87	73.36	-21.95	212	337	Peak
5920	52.53	41.44	11.09	71.9	-19.37	212	337	Peak
*5952.025	52.31	41.12	11.19	68.2	-15.89	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5598.7	53.47	42.71	10.76	68.2	-14.73	220	47	Peak
5658.55	53.08	42.21	10.87	74.53	-21.45	220	47	Peak
5921.575	51.46	40.35	11.11	70.73	-19.27	220	47	Peak
*6021.325	52.5	41.15	11.35	68.2	-15.7	220	47	Peak

Remarks:

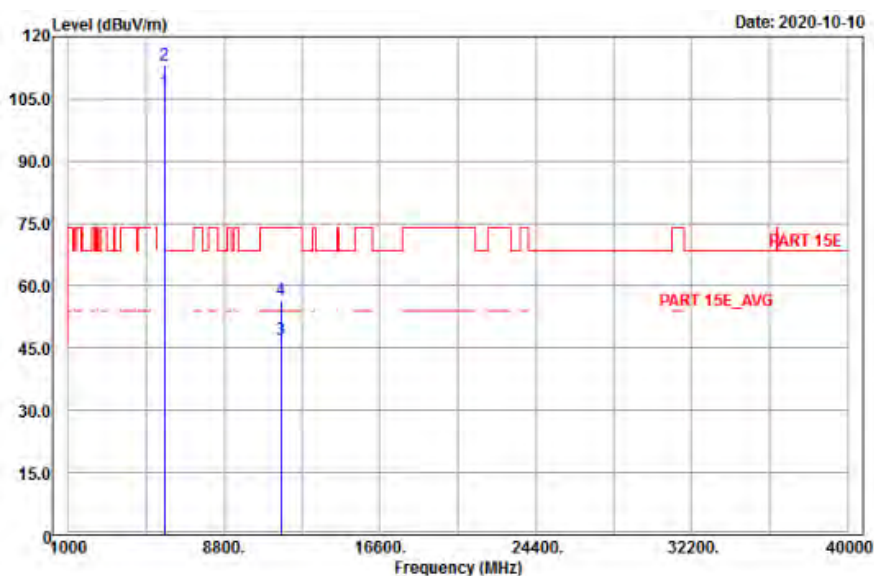
1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
2. 5785 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

EUT Test Condition		Measurement Detail	
Channel	Channel 165	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

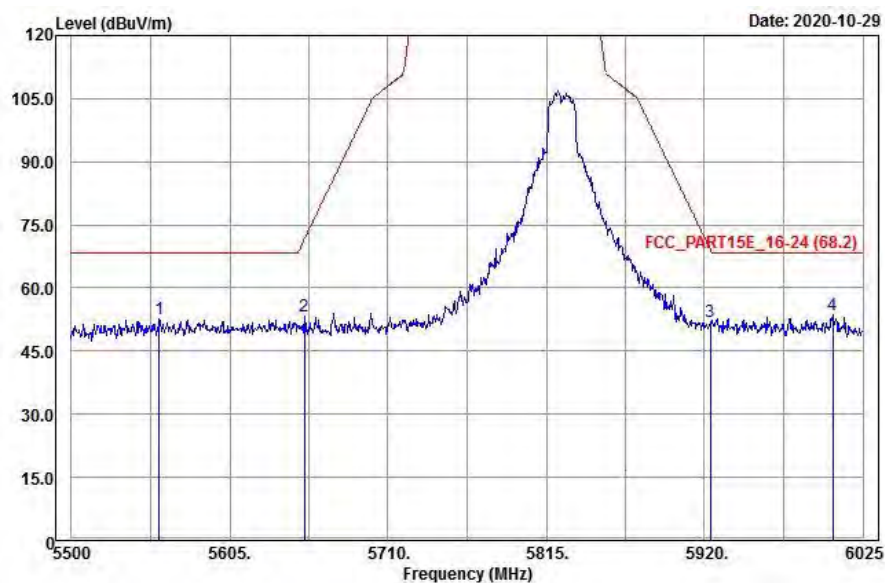
<Spurious Emission> Horizontal



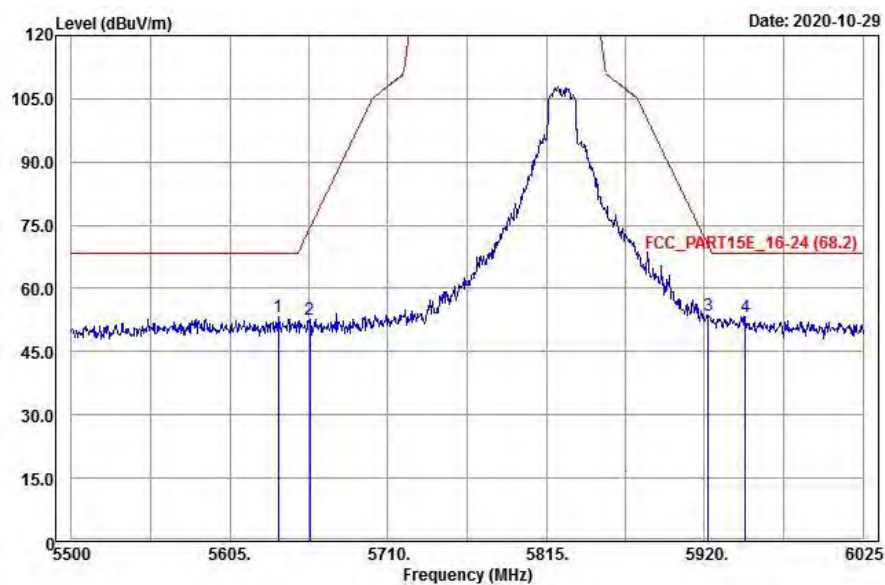
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5825	101.8	90.92	10.88			212	337	Average
5825	108.44	97.56	10.88			212	337	Peak
11650	46.61	29.83	16.78	54	-7.39	124	189	Average
11650	56.2	39.42	16.78	74	-17.8	124	189	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5825	106.63	95.75	10.88			220	47	Average
5825	113.14	102.26	10.88			220	47	Peak
11650	46.97	30.19	16.78	54	-7.03	139	145	Average
11650	56.65	39.87	16.78	74	-17.35	139	145	Peak

<Out of Band Emission (OOBE)>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5558.275	52.59	41.91	10.68	68.2	-15.61	212	337	Peak
5654.35	53.33	42.46	10.87	71.42	-18.09	212	337	Peak
5923.675	52.12	41.01	11.11	69.18	-17.06	212	337	Peak
*6005.05	53.49	42.16	11.33	68.2	-14.71	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5637.025	53.31	42.48	10.83	68.2	-14.89	220	47	Peak
5658.025	52.54	41.67	10.87	74.14	-21.6	220	47	Peak
5922.625	53.76	42.65	11.11	69.96	-16.2	220	47	Peak
*5947.3	53.34	42.16	11.18	68.2	-14.86	220	47	Peak

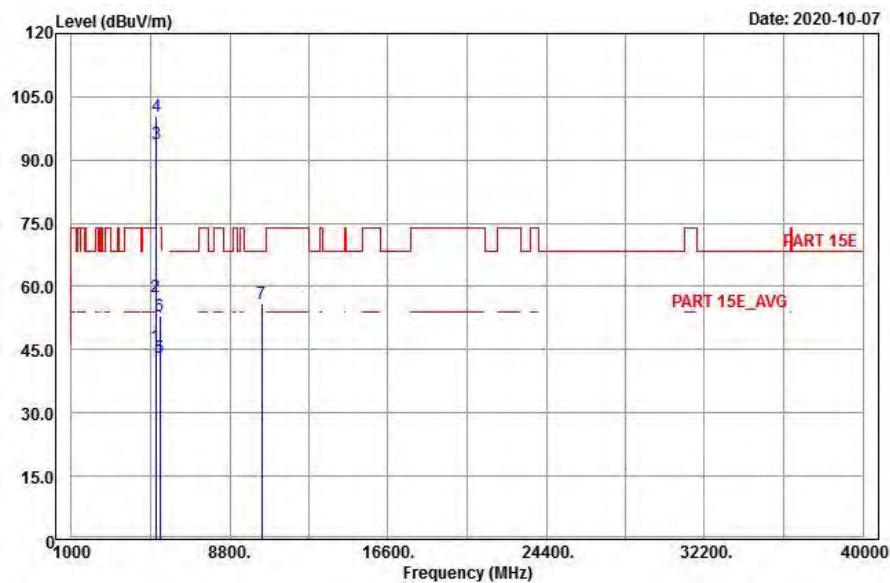
Remarks:

1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
2. 5825 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

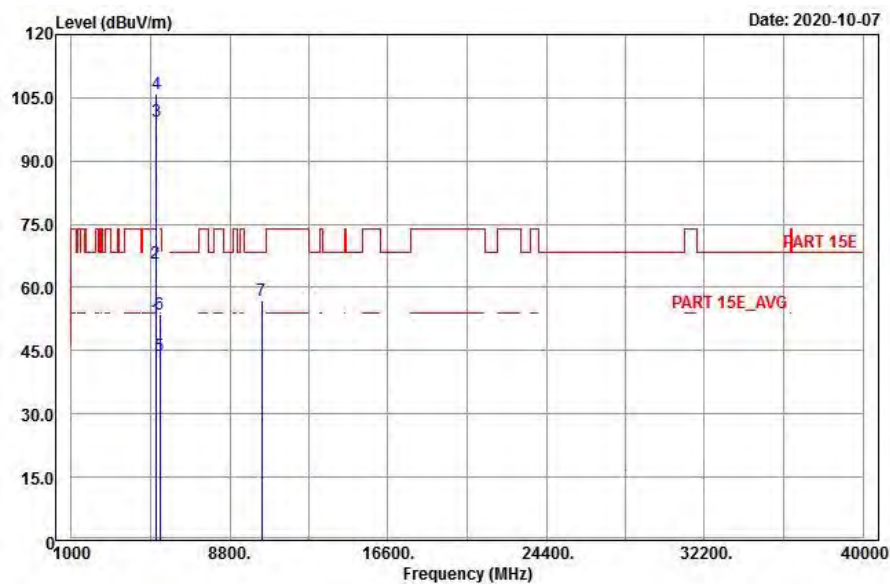
802.11n (HT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 38	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



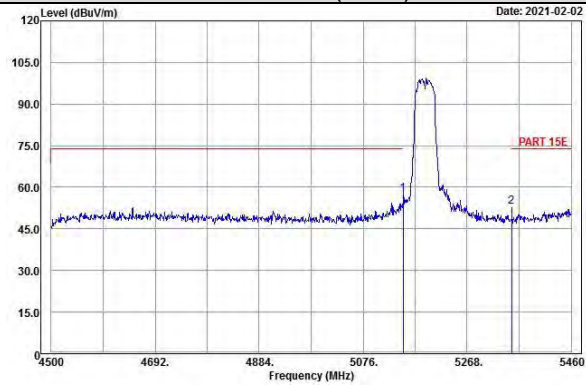
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	45.9	35.85	10.05	54	-8.1	100	279	Average
5150	57.46	47.41	10.05	74	-16.54	100	279	Peak
5190	93.97	83.85	10.12			100	279	Average
5190	100.34	90.22	10.12			100	279	Peak
5350	43.08	32.85	10.23	54	-10.92	100	279	Average
5350	53.04	42.81	10.23	74	-20.96	100	279	Peak
*10380	55.98	39.88	16.1	68.2	-12.22	182	16	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	52.23	42.18	10.05	54	-1.77	217	340	Average
5150	65.77	55.72	10.05	74	-8.23	217	340	Peak
5190	99.38	89.26	10.12			217	340	Average
5190	106.01	95.89	10.12			217	340	Peak
5350	43.77	33.54	10.23	54	-10.23	217	340	Average
5350	53.77	43.54	10.23	74	-20.23	217	340	Peak
*10380	56.8	40.7	16.1	68.2	-11.4	117	4	Peak

Remarks:

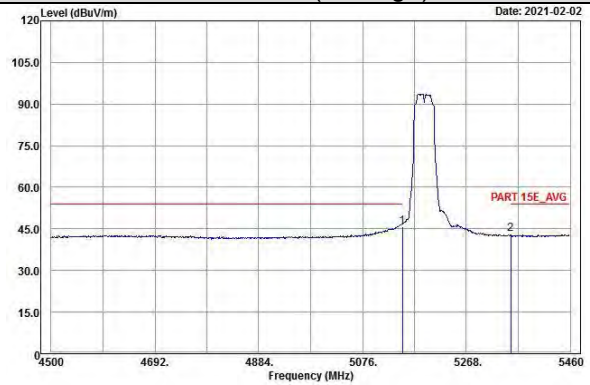
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5190 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 38

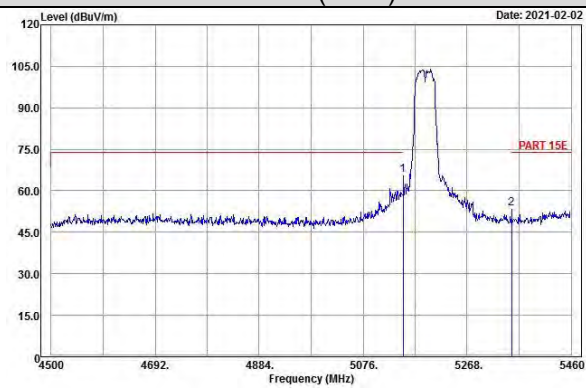
Horizontal (Peak)



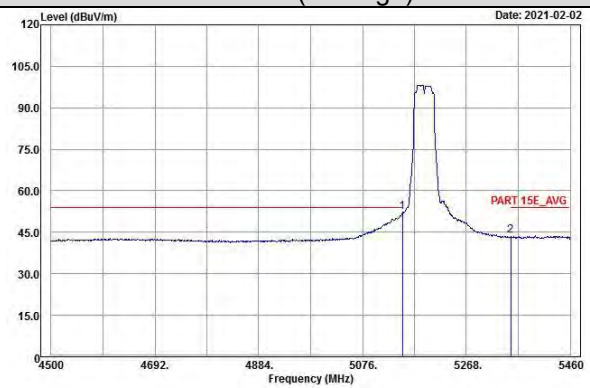
Horizontal (Average)



Vertical (Peak)

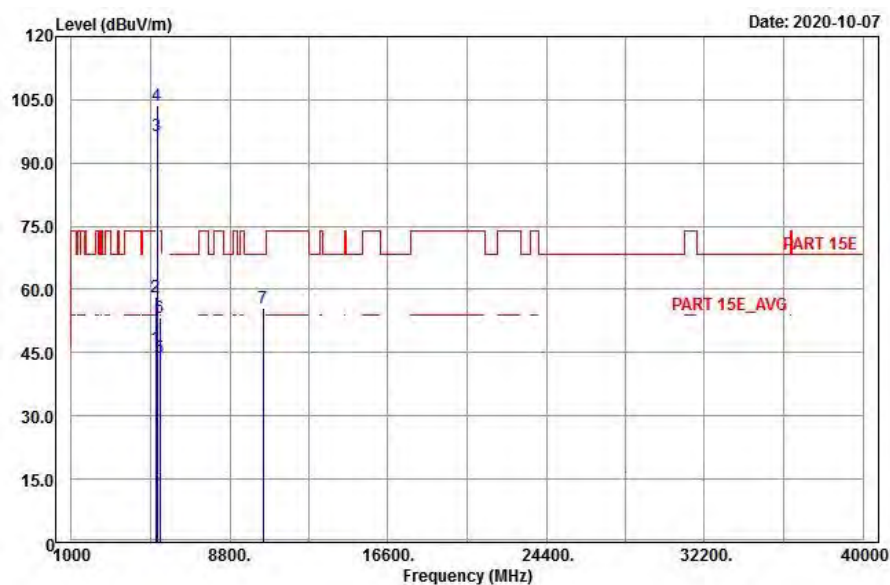


Vertical (Average)

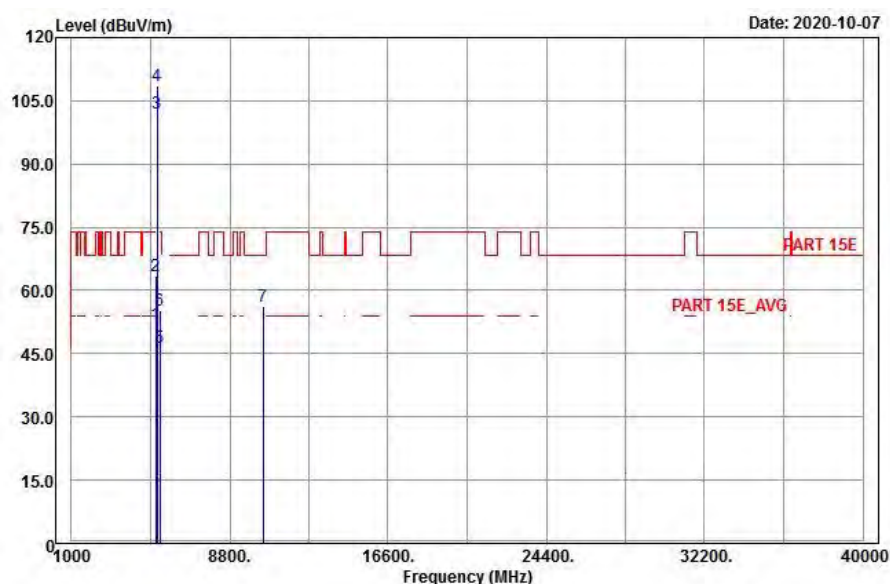


EUT Test Condition		Measurement Detail	
Channel	Channel 46	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



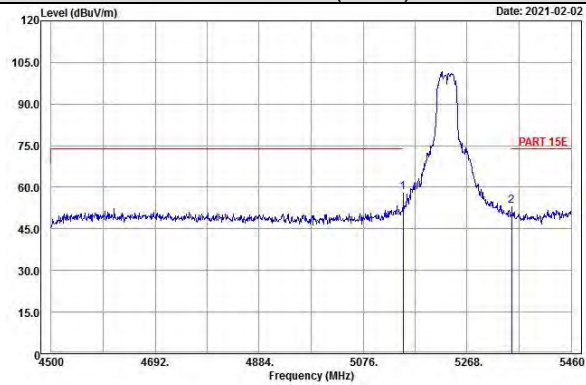
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	46.12	36.07	10.05	54	-7.88	113	279	Average
5150	58.18	48.13	10.05	74	-15.82	113	279	Peak
5230	96.48	86.34	10.14			113	279	Average
5230	103.68	93.54	10.14			113	279	Peak
5350	43.96	33.73	10.23	54	-10.04	113	279	Average
5350	53.27	43.04	10.23	74	-20.73	113	279	Peak
*10460	55.57	39.57	16	68.2	-12.63	134	166	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	51.87	41.82	10.05	54	-2.13	217	350	Average
5150	63.44	53.39	10.05	74	-10.56	217	350	Peak
5230	102.14	92	10.14			217	350	Average
5230	108.55	98.41	10.14			217	350	Peak
5350	46.52	36.29	10.23	54	-7.48	217	350	Average
5350	55.41	45.18	10.23	74	-18.59	217	350	Peak
*10460	56.39	40.39	16	68.2	-11.81	118	24	Peak

Remarks:

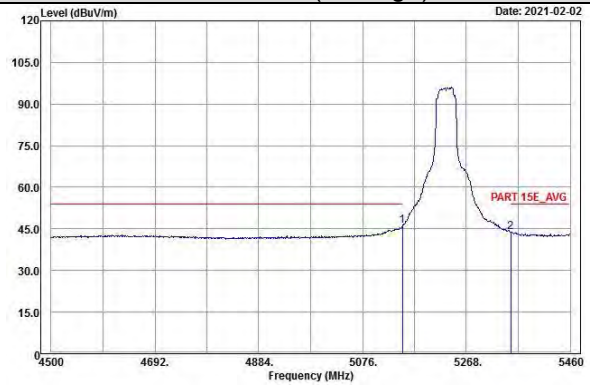
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5230 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 46

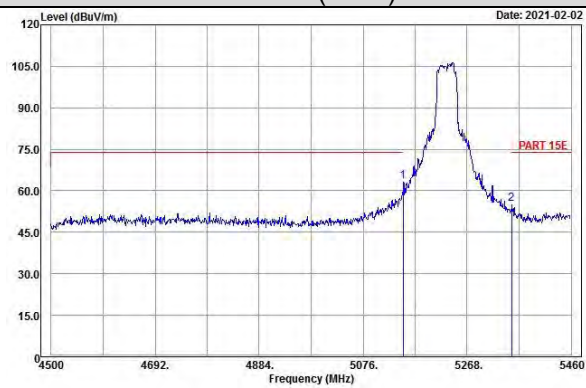
Horizontal (Peak)



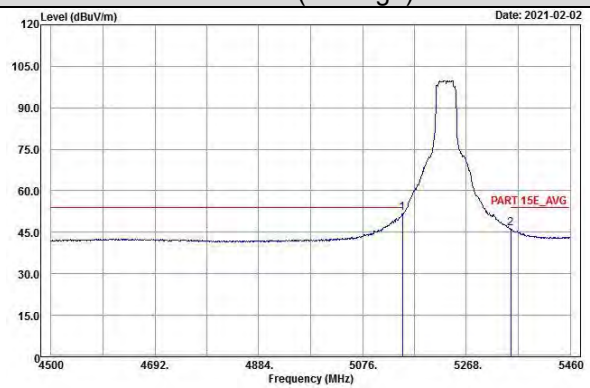
Horizontal (Average)



Vertical (Peak)

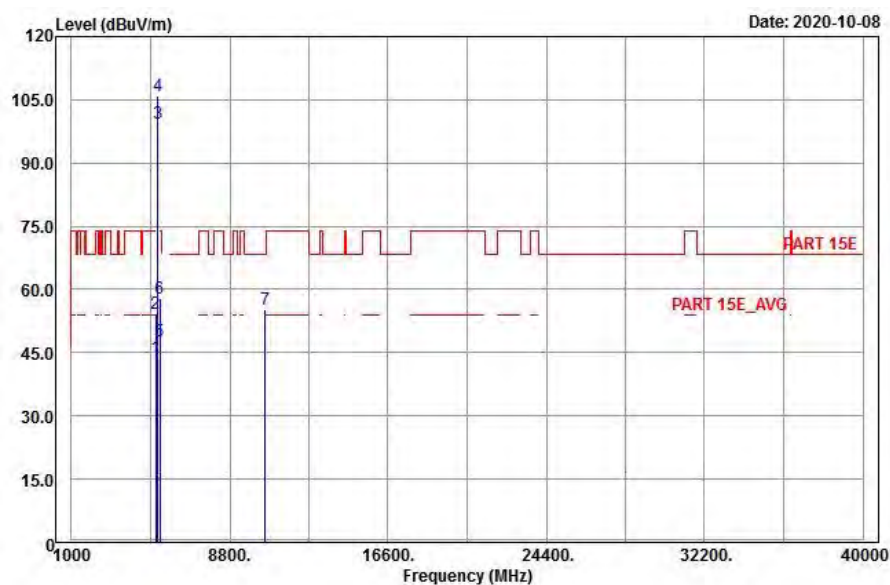


Vertical (Average)

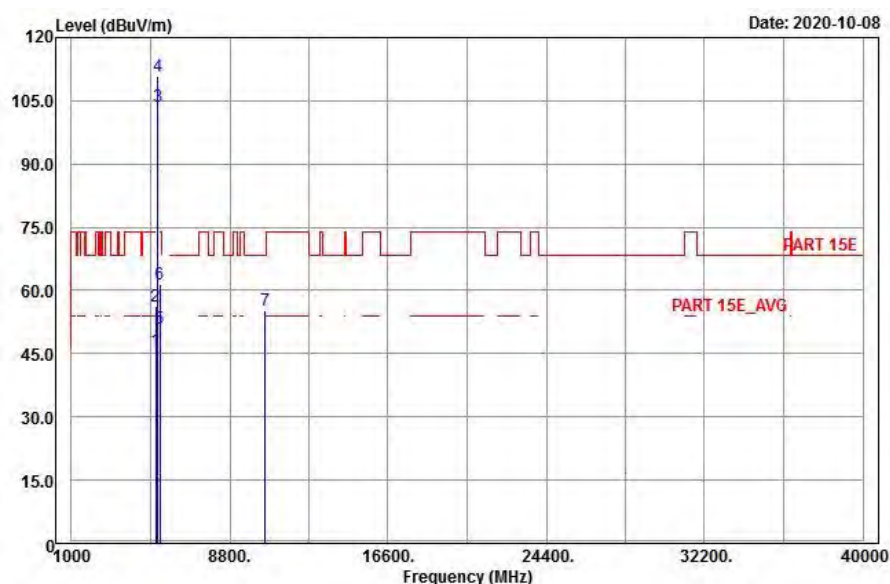


EUT Test Condition		Measurement Detail	
Channel	Channel 54	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



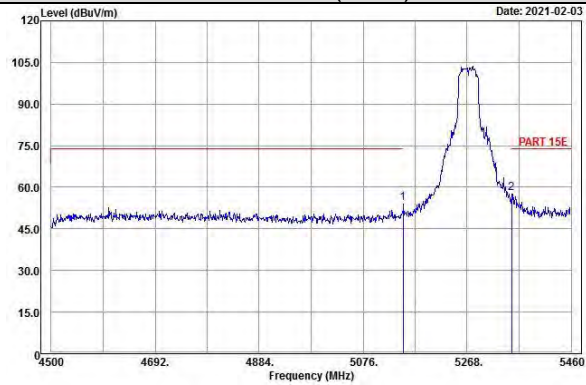
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	43.71	33.66	10.05	54	-10.29	192	345	Average
5150	54.38	44.33	10.05	74	-19.62	192	345	Peak
5270	99.42	89.3	10.12			192	345	Average
5270	106.09	95.97	10.12			192	345	Peak
5350	47.72	37.49	10.23	54	-6.28	192	345	Average
5350	57.83	47.6	10.23	74	-16.17	192	345	Peak
*10540	55.22	39.39	15.83	68.2	-12.98	187	1	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	45.66	35.61	10.05	54	-8.34	216	344	Average
5150	56.14	46.09	10.05	74	-17.86	216	344	Peak
5270	103.64	93.52	10.12			216	344	Average
5270	110.71	100.59	10.12			216	344	Peak
5350	51.03	40.8	10.23	54	-2.97	216	344	Average
5350	61.43	51.2	10.23	74	-12.57	216	344	Peak
*10540	55.3	39.47	15.83	68.2	-12.9	188	114	Peak

Remarks:

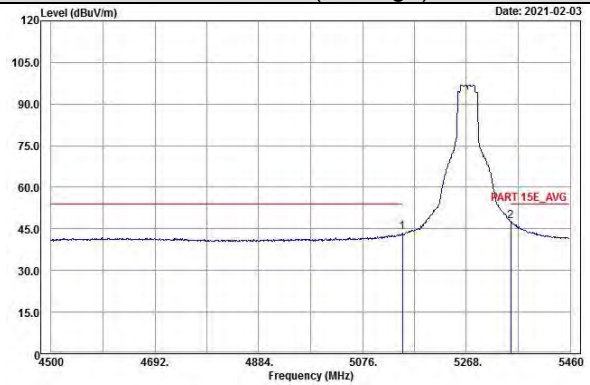
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5270 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 54

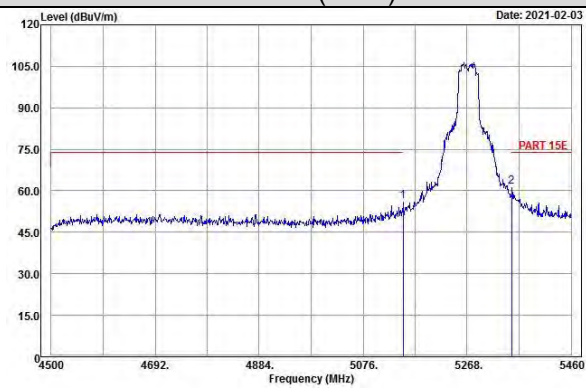
Horizontal (Peak)



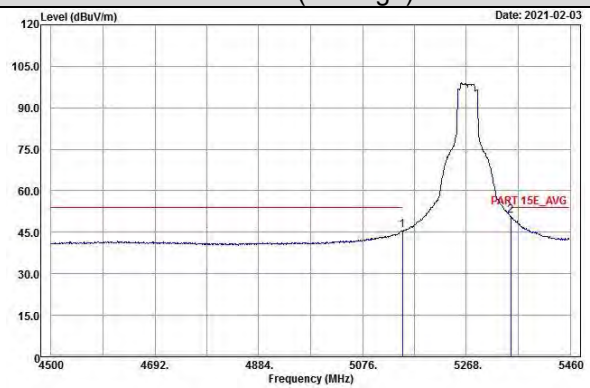
Horizontal (Average)



Vertical (Peak)

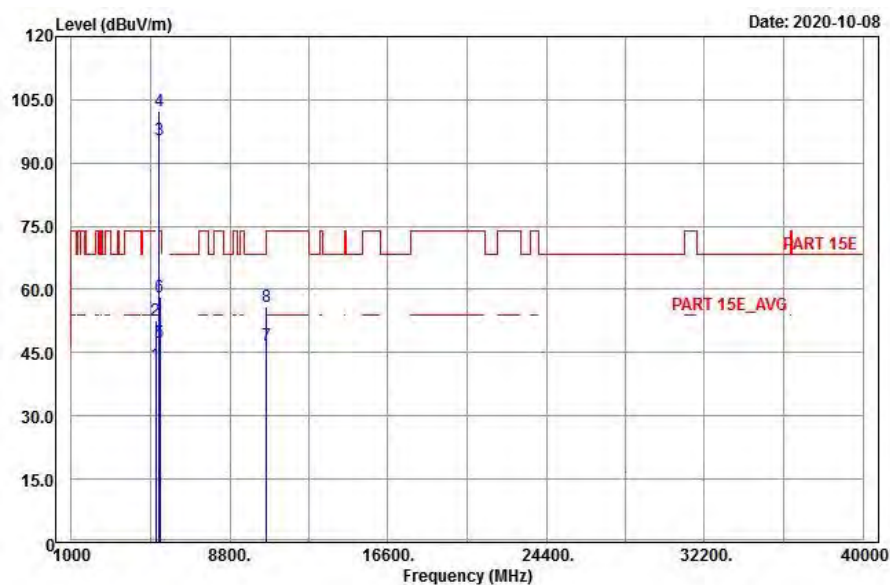


Vertical (Average)

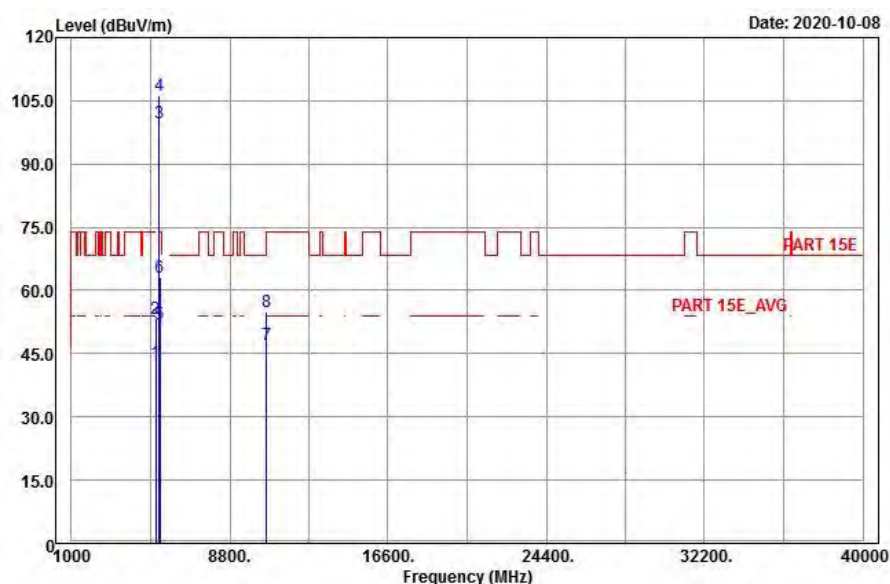


EUT Test Condition		Measurement Detail	
Channel	Channel 62	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



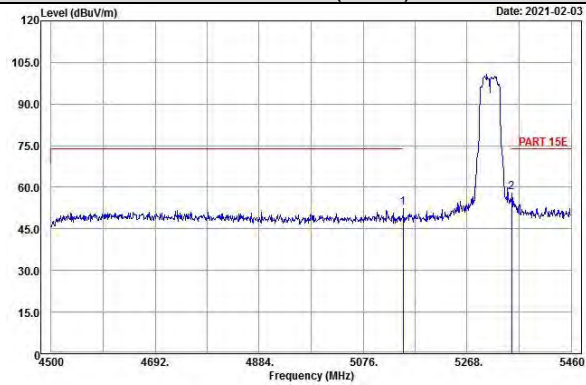
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.12	32.07	10.05	54	-11.88	192	345	Average
5150	52.59	42.54	10.05	74	-21.41	192	345	Peak
5310	95.58	85.49	10.09			192	345	Average
5310	102.35	92.26	10.09			192	345	Peak
5350	47.35	37.12	10.23	54	-6.65	192	345	Average
5350	58.06	47.83	10.23	74	-15.94	192	345	Peak
10620	46.88	31	15.88	54	-7.12	136	6	Average
10620	55.78	39.9	15.88	74	-18.22	136	6	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.71	32.66	10.05	54	-11.29	216	344	Average
5150	53.15	43.1	10.05	74	-20.85	216	344	Peak
5310	99.58	89.49	10.09			216	344	Average
5310	106.23	96.14	10.09			216	344	Peak
5350	52.13	41.9	10.23	54	-1.87	216	344	Average
5350	62.99	52.76	10.23	74	-11.01	216	344	Peak
10620	47.02	31.14	15.88	54	-6.98	118	247	Average
10620	55.02	39.14	15.88	74	-18.98	118	247	Peak

Remarks:

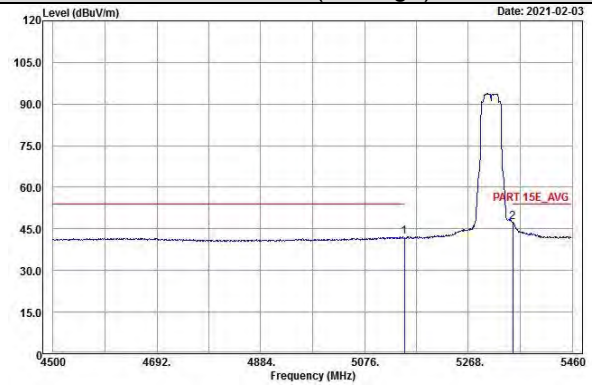
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5310 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 62

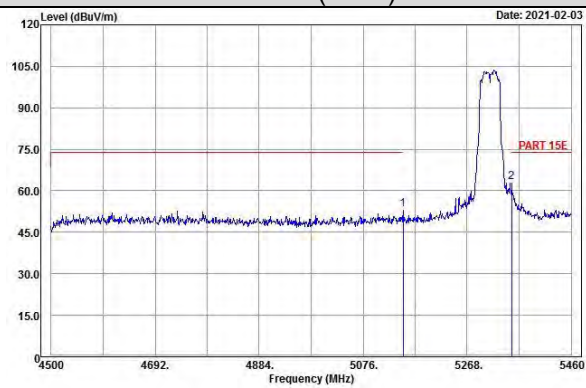
Horizontal (Peak)



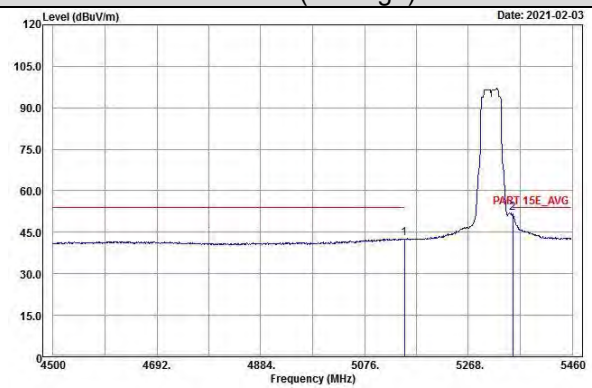
Horizontal (Average)



Vertical (Peak)

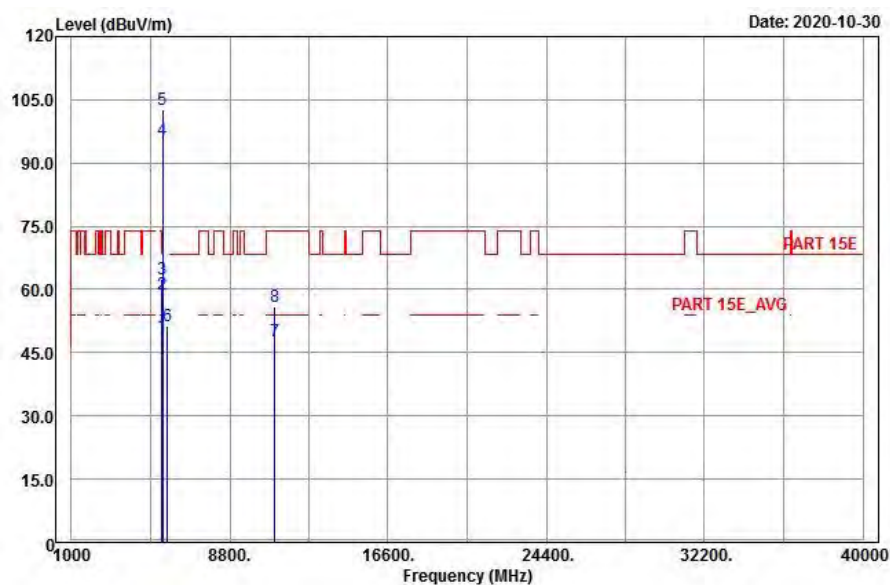


Vertical (Average)

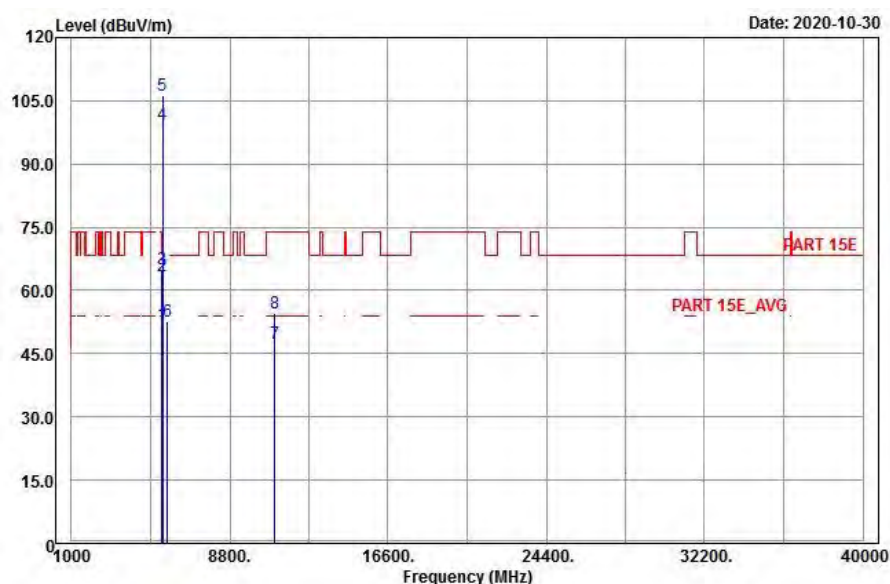


EUT Test Condition		Measurement Detail	
Channel	Channel 102	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



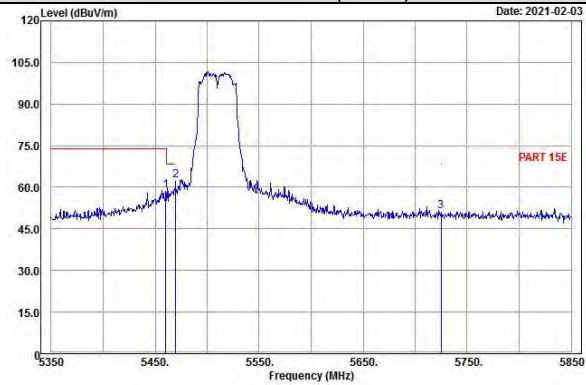
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	49.03	38.52	10.51	54	-4.97	184	336	Average
5460	58.9	48.39	10.51	74	-15.1	184	336	Peak
*5470	62.36	51.83	10.53	68.2	-5.84	184	336	Peak
5510	95.58	84.98	10.6			184	336	Average
5510	102.54	91.94	10.6			184	336	Peak
*5725	51.34	40.42	10.92	68.2	-16.86	184	336	Peak
11020	47.82	31.66	16.16	54	-6.18	161	244	Average
11020	55.9	39.74	16.16	74	-18.1	161	244	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	51.83	41.32	10.51	54	-2.17	246	11	Average
5460	63.49	52.98	10.51	74	-10.51	246	11	Peak
*5470	64.96	54.43	10.53	68.2	-3.24	246	11	Peak
5510	99.49	88.89	10.6			246	11	Average
5510	106.15	95.55	10.6			246	11	Peak
*5725	52.73	41.81	10.92	68.2	-15.47	246	11	Peak
11020	47.5	31.34	16.16	54	-6.5	135	264	Average
11020	54.75	38.59	16.16	74	-19.25	135	264	Peak

Remarks:

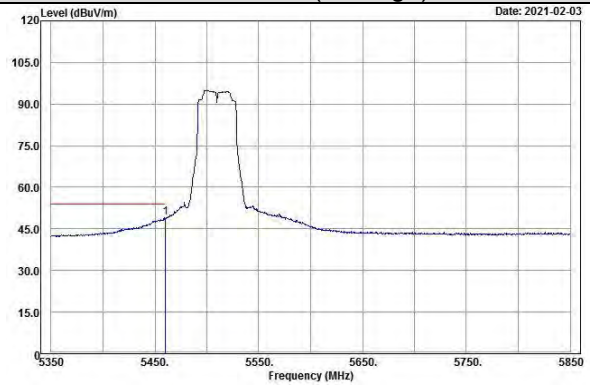
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5510 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 102

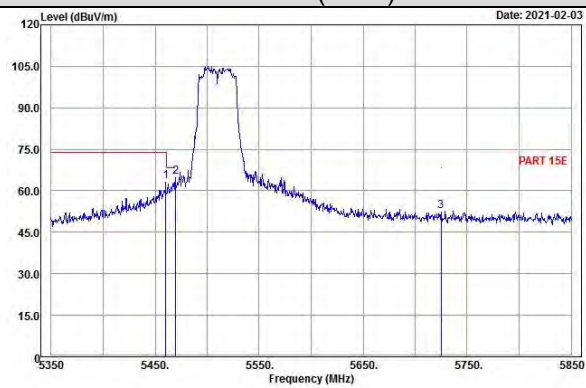
Horizontal (Peak)



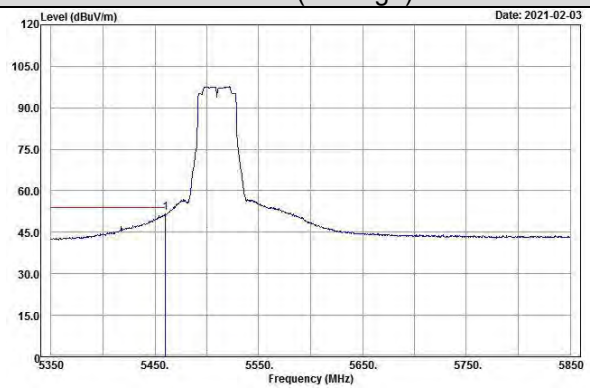
Horizontal (Average)



Vertical (Peak)

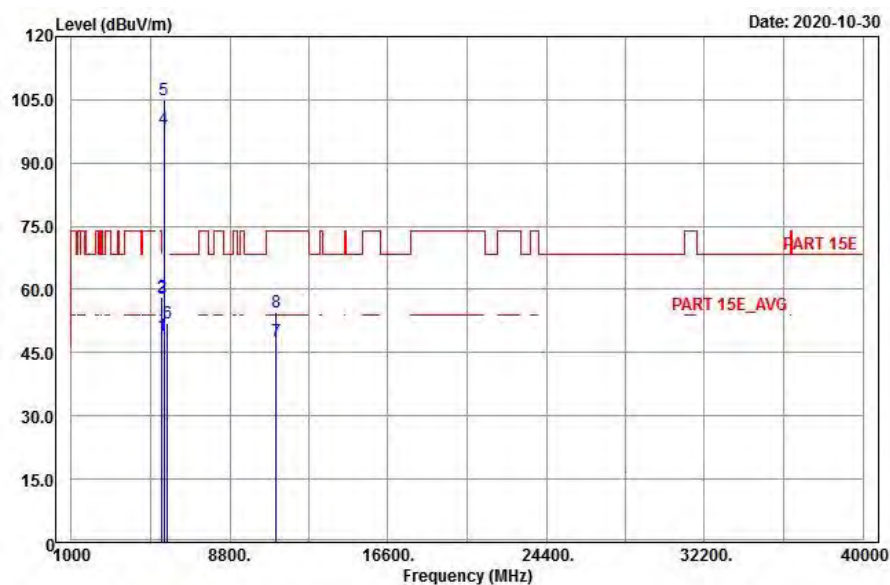


Vertical (Average)

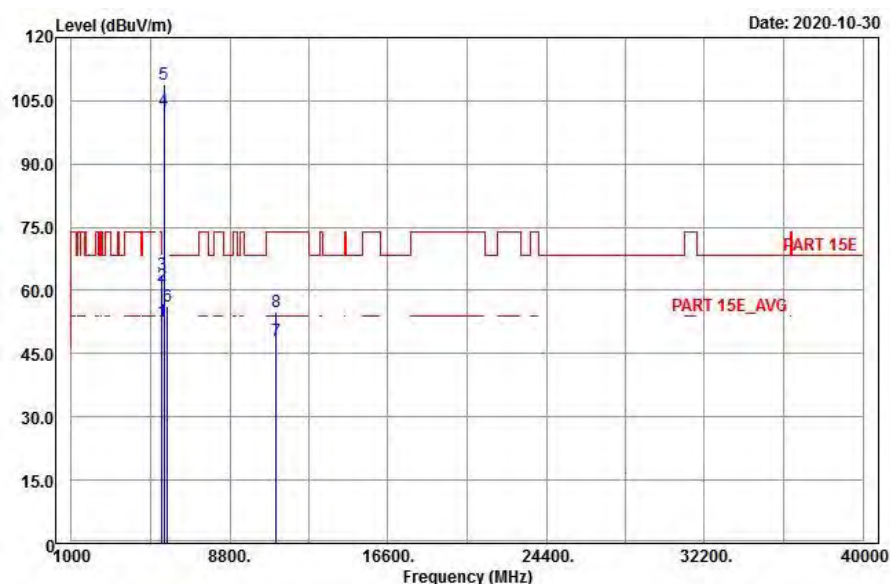


EUT Test Condition		Measurement Detail	
Channel	Channel 110	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



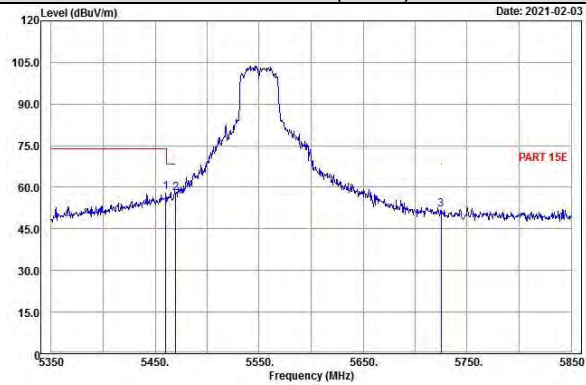
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	49.11	38.6	10.51	54	-4.89	184	336	Average
5460	58.08	47.57	10.51	74	-15.92	184	336	Peak
*5470	58.03	47.5	10.53	68.2	-10.17	184	336	Peak
5550	98.13	87.45	10.68			184	336	Average
5550	104.87	94.19	10.68			184	336	Peak
*5725	51.84	40.92	10.92	68.2	-16.36	184	336	Peak
11100	47.68	31.41	16.27	54	-6.32	123	99	Average
11100	54.65	38.38	16.27	74	-19.35	123	99	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.49	41.98	10.51	54	-1.51	246	11	Average
5460	61.3	50.79	10.51	74	-12.7	246	11	Peak
*5470	63.69	53.16	10.53	68.2	-4.51	246	11	Peak
5550	102.73	92.05	10.68			246	11	Average
5550	108.73	98.05	10.68			246	11	Peak
*5725	56.23	45.31	10.92	68.2	-11.97	246	11	Peak
11100	47.91	31.64	16.27	54	-6.09	166	325	Average
11100	54.84	38.57	16.27	74	-19.16	166	325	Peak

Remarks:

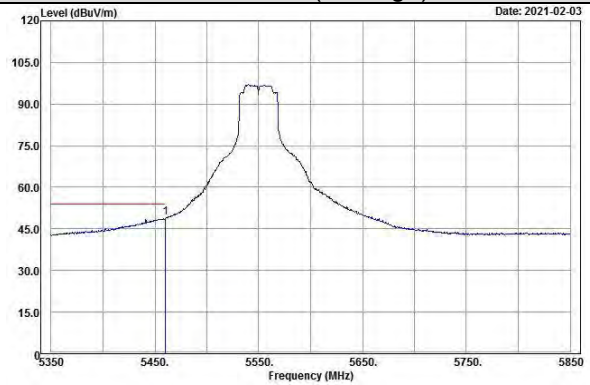
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5550 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 110

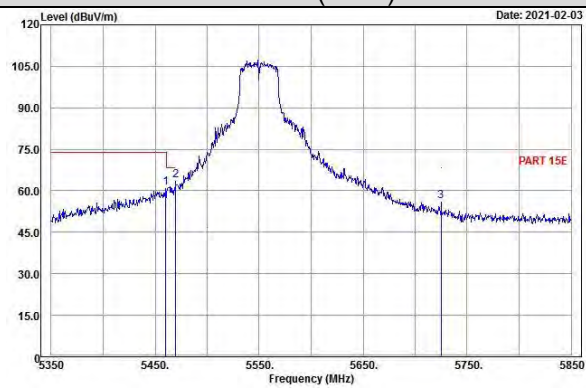
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)

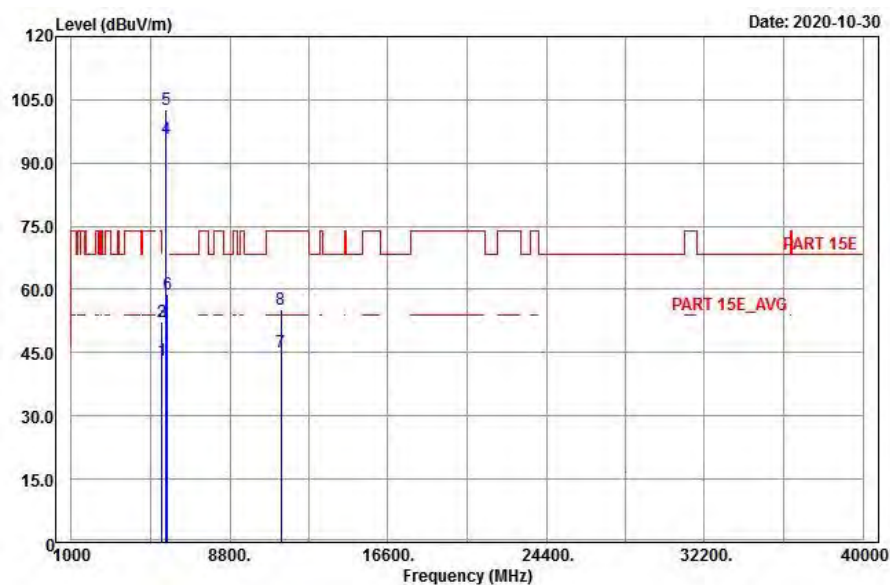


Vertical (Average)

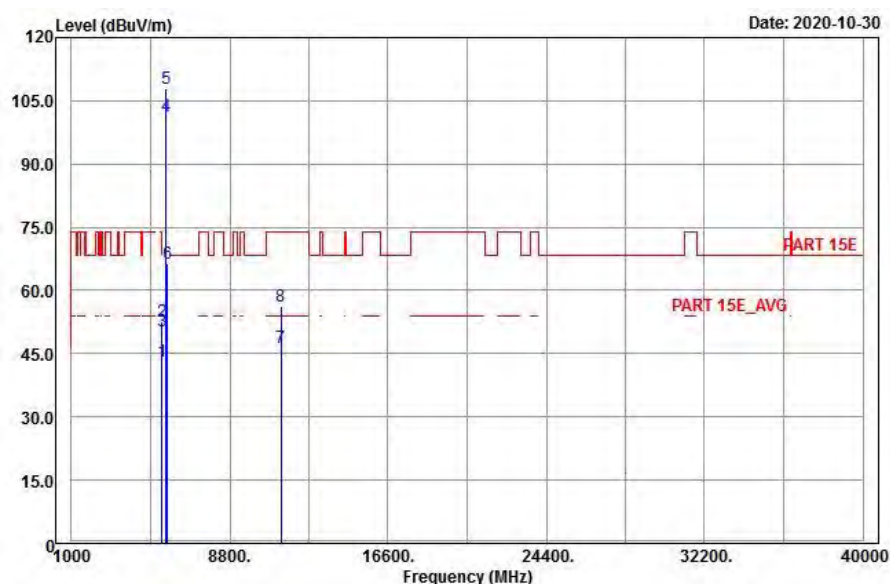


EUT Test Condition		Measurement Detail	
Channel	Channel 134	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



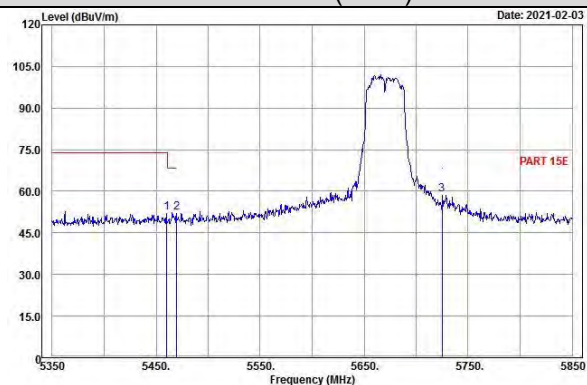
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.06	32.55	10.51	54	-10.94	184	336	Average
5460	52.45	41.94	10.51	74	-21.55	184	336	Peak
*5470	52.22	41.69	10.53	68.2	-15.98	184	336	Peak
5670	95.77	84.87	10.9			184	336	Average
5670	102.61	91.71	10.9			184	336	Peak
*5725	58.92	48	10.92	68.2	-9.28	184	336	Peak
11340	45.27	28.85	16.42	54	-8.73	261	44	Average
11340	55.11	38.69	16.42	74	-18.89	261	44	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.02	32.51	10.51	54	-10.98	230	44	Average
5460	52.67	42.16	10.51	74	-21.33	230	44	Peak
*5470	50.3	39.77	10.53	68.2	-17.9	230	44	Peak
5670	101.27	90.37	10.9			230	44	Average
5670	107.99	97.09	10.9			230	44	Peak
*5725	66.34	55.42	10.92	68.2	-1.86	230	44	Peak
11340	46.29	29.87	16.42	54	-7.71	146	112	Average
11340	56.36	39.94	16.42	74	-17.64	146	112	Peak

Remarks:

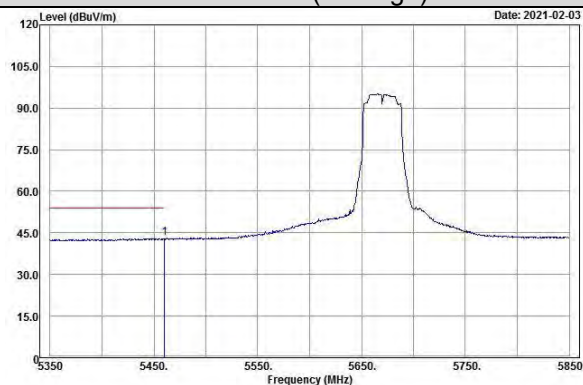
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5670 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 134

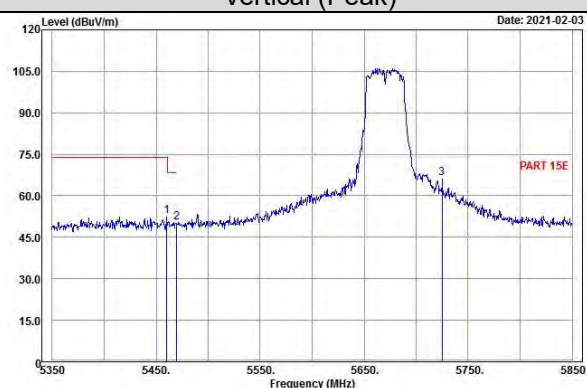
Horizontal (Peak)



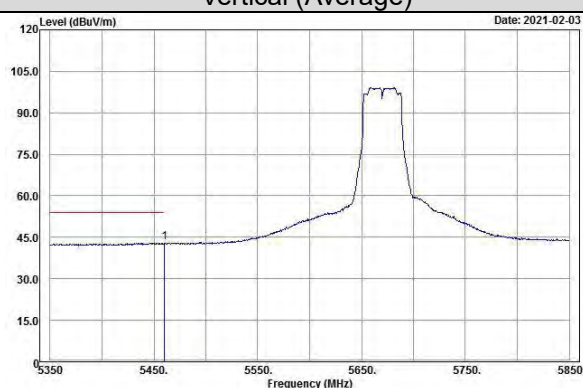
Horizontal (Average)



Vertical (Peak)

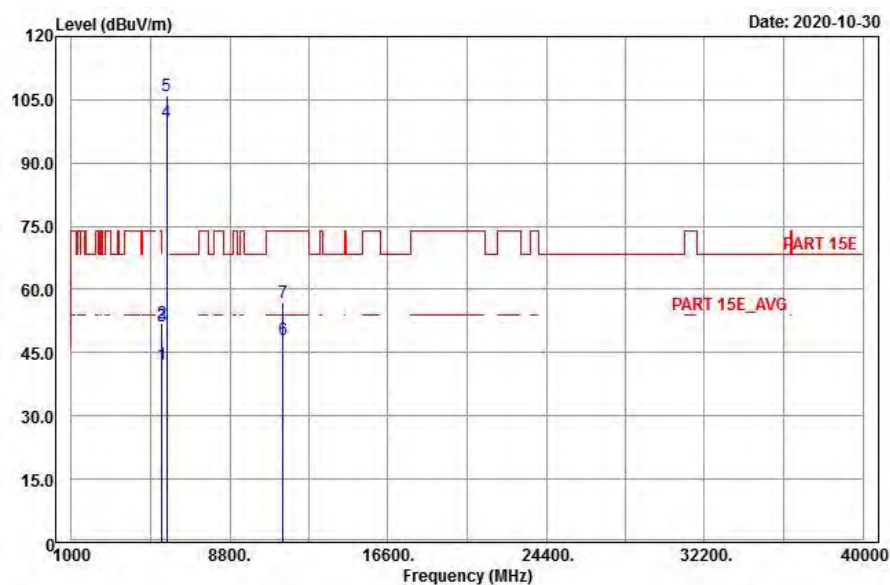


Vertical (Average)

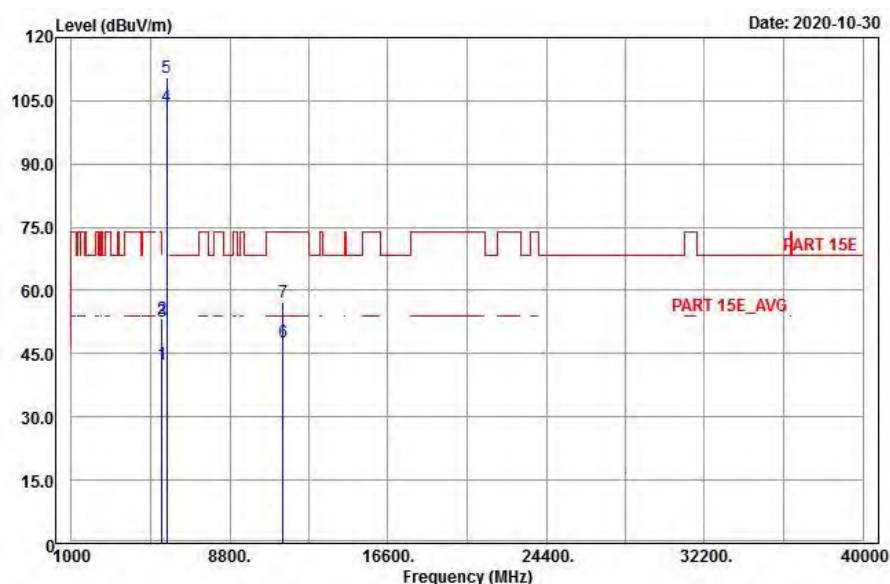


EUT Test Condition		Measurement Detail	
Channel	Channel 142	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



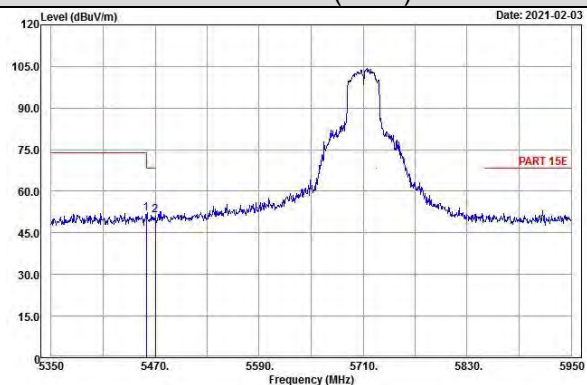
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.06	31.55	10.51	54	-11.94	184	340	Average
5460	52.13	41.62	10.51	74	-21.87	184	340	Peak
*5470	51.45	40.92	10.53	68.2	-16.75	184	340	Peak
5710	99.74	88.83	10.91			184	340	Average
5710	106.08	95.17	10.91			184	340	Peak
11420	47.95	31.69	16.26	54	-6.05	188	32	Average
11420	56.97	40.71	16.26	74	-17.03	188	32	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.63	32.12	10.51	54	-11.37	246	11	Average
5460	53.39	42.88	10.51	74	-20.61	246	11	Peak
*5470	52.5	41.97	10.53	68.2	-15.7	246	11	Peak
5710	103.64	92.73	10.91			246	11	Average
5710	110.51	99.6	10.91			246	11	Peak
11420	47.78	31.52	16.26	54	-6.22	140	198	Average
11420	57.17	40.91	16.26	74	-16.83	140	198	Peak

Remarks:

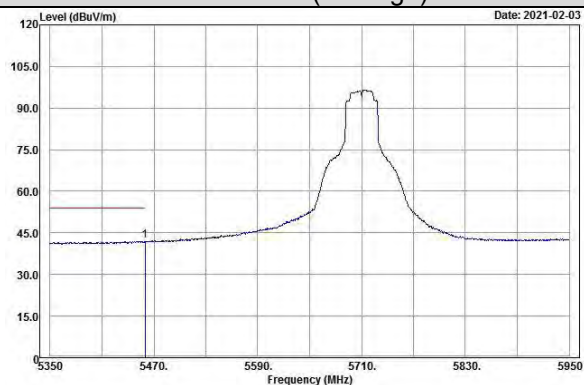
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5710 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 142

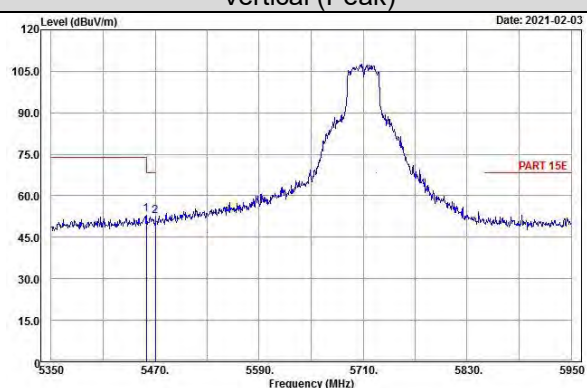
Horizontal (Peak)



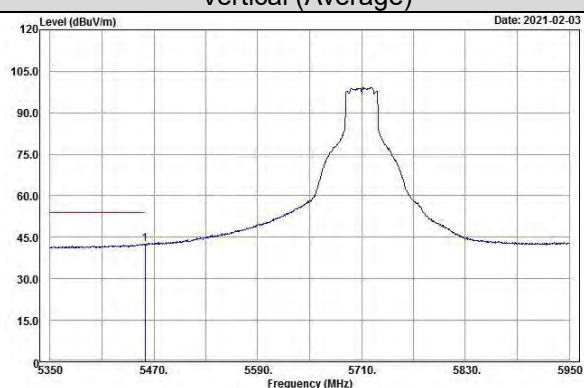
Horizontal (Average)



Vertical (Peak)

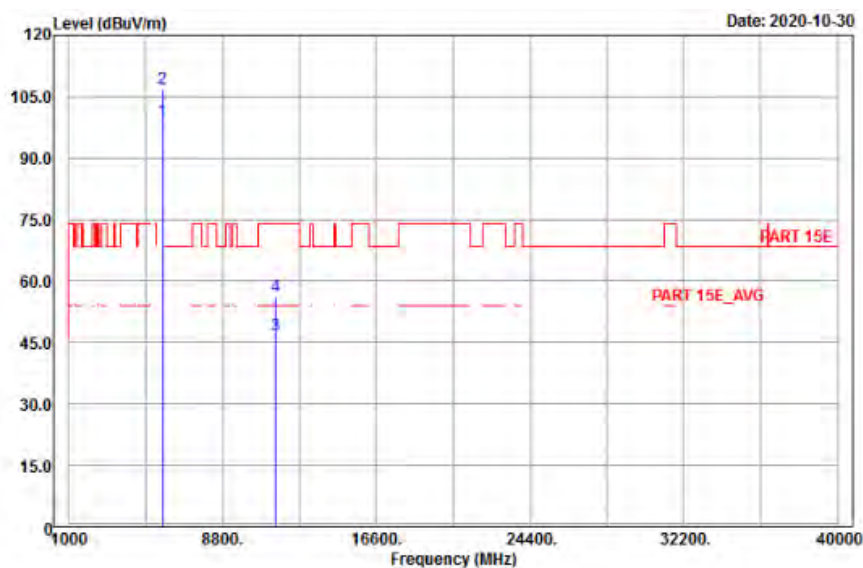


Vertical (Average)

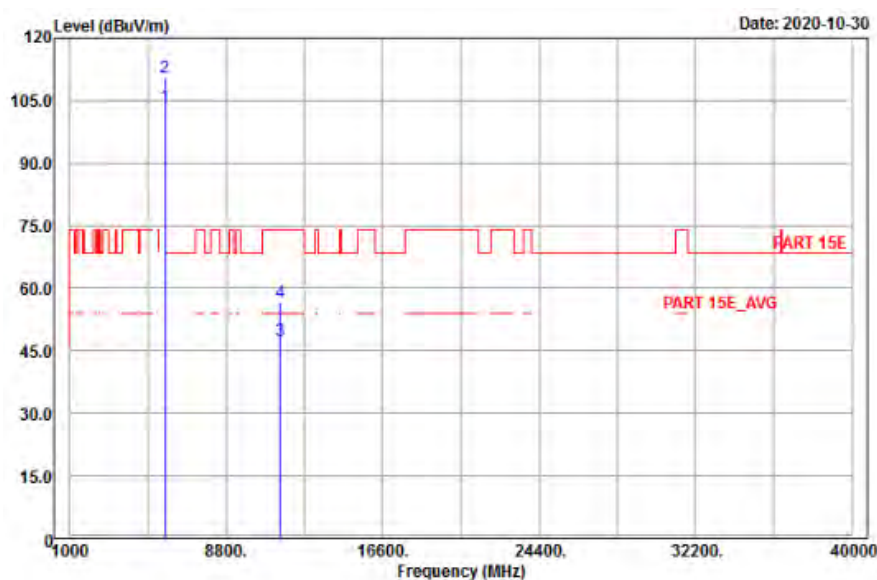


EUT Test Condition		Measurement Detail	
Channel	Channel 151	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

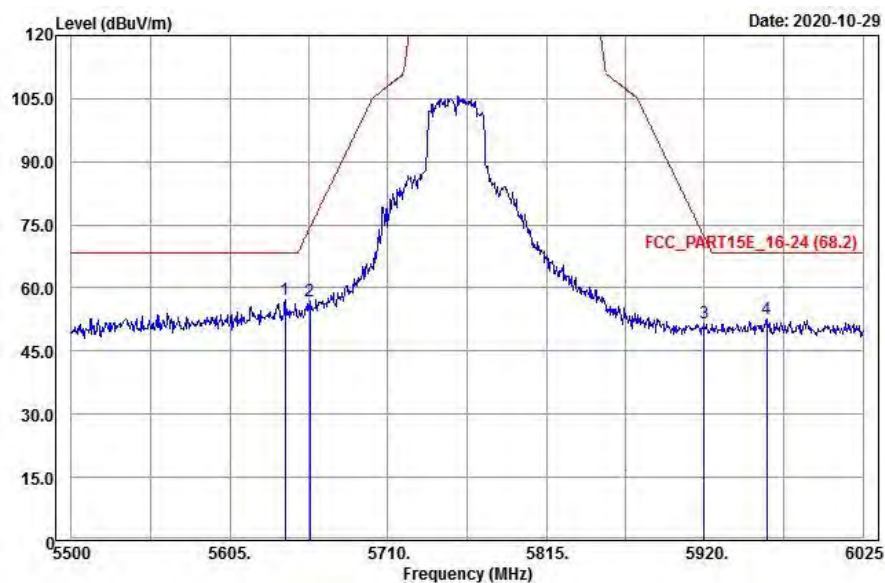
<Spurious Emission> Horizontal



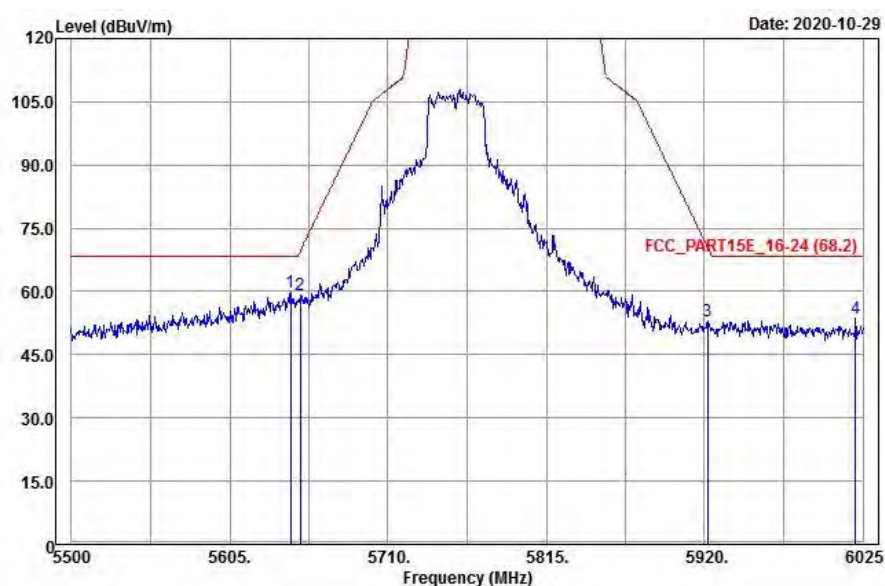
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5755	99.19	88.29	10.9			212	337	Average
5755	106.82	95.92	10.9			212	337	Peak
11510	46.89	30.38	16.51	54	-7.11	162	118	Average
11510	56.38	39.87	16.51	74	-17.62	162	118	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5755	103.64	92.74	10.9			220	47	Average
5755	110.5	99.6	10.9			220	47	Peak
11510	47.48	30.97	16.51	54	-6.52	254	94	Average
11510	56.58	40.07	16.51	74	-17.42	254	94	Peak

<Out of Band Emission (OOBE)>

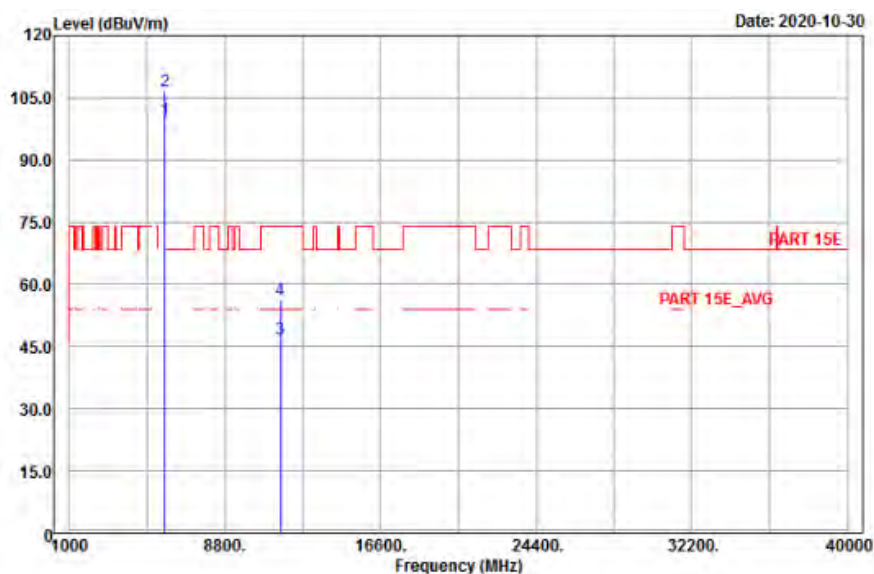
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5641.75	57.29	46.46	10.83	68.2	-10.91	212	337	Peak
5658.025	56.95	46.08	10.87	74.14	-17.19	212	337	Peak
5920	51.61	40.52	11.09	71.9	-20.29	212	337	Peak
*5961.475	52.76	41.53	11.23	68.2	-15.44	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5645.425	59.93	49.1	10.83	68.2	-8.27	220	47	Peak
5651.725	59.13	48.26	10.87	69.48	-10.35	220	47	Peak
5922.1	52.95	41.84	11.11	70.35	-17.4	220	47	Peak
*6020.275	53.65	42.3	11.35	68.2	-14.55	220	47	Peak

Remarks:

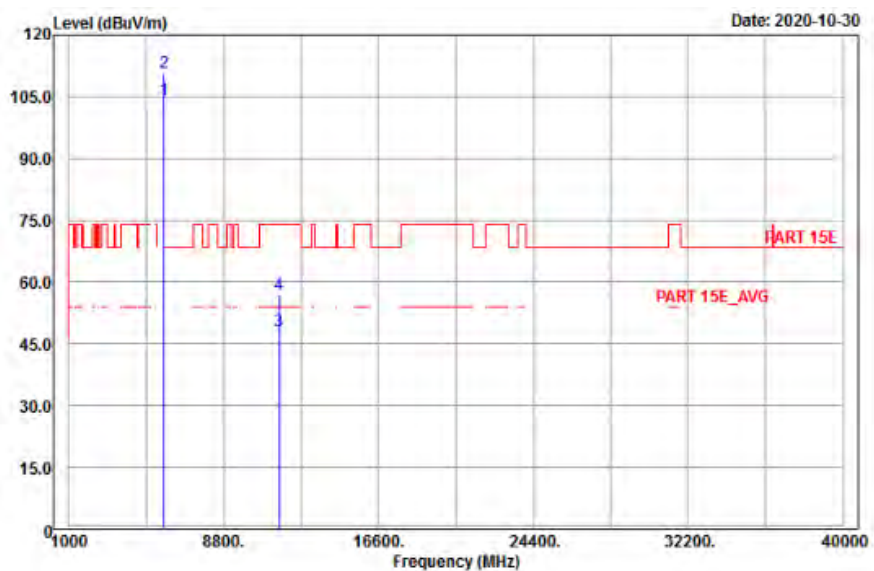
1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
2. 5755 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

EUT Test Condition		Measurement Detail	
Channel	Channel 159	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

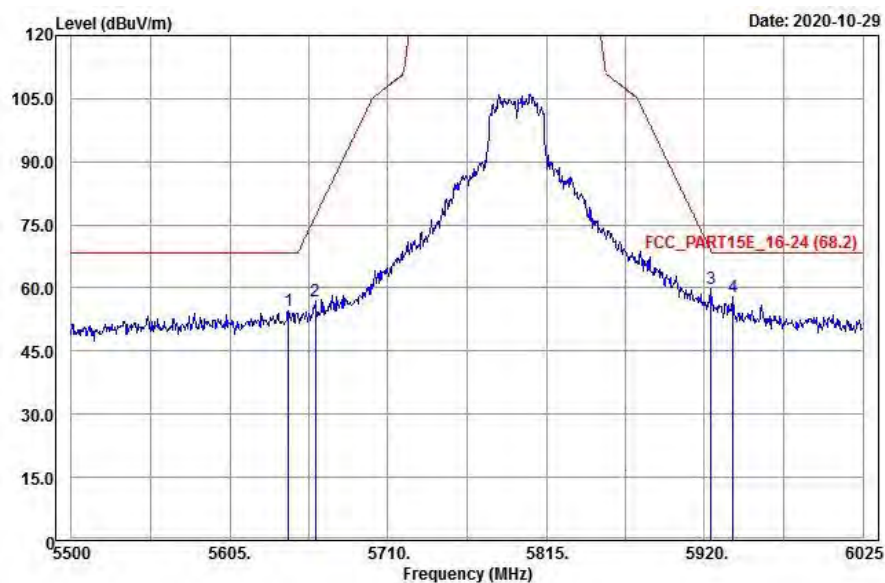
<Spurious Emission> Horizontal



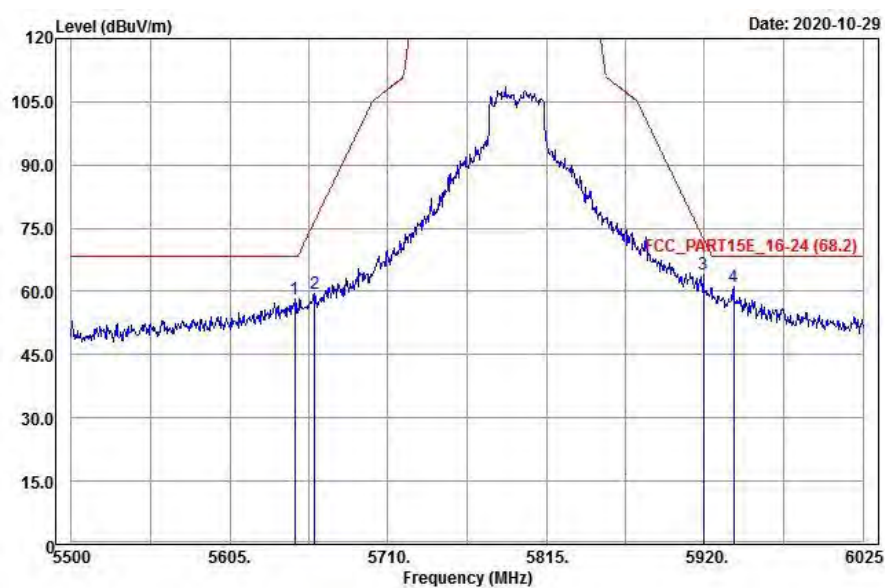
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5795	99.86	89.04	10.82			212	337	Average
5795	106.71	95.89	10.82			212	337	Peak
11590	46.69	30.18	16.51	54	-7.31	150	95	Average
11590	56.33	39.82	16.51	74	-17.67	150	95	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5795	104.16	93.34	10.82			220	47	Average
5795	111.01	100.19	10.82			220	47	Peak
11590	48.17	31.66	16.51	54	-5.83	116	322	Average
11590	56.92	40.41	16.51	74	-17.08	116	322	Peak

<Out of Band Emission (OOBE)>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5643.85	54.56	43.73	10.83	68.2	-13.64	212	337	Peak
5661.7	56.79	45.92	10.87	76.86	-20.07	212	337	Peak
5924.2	59.7	48.59	11.11	68.79	-9.09	212	337	Peak
*5938.9	57.79	46.61	11.18	68.2	-10.41	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5648.05	58.24	47.39	10.85	68.2	-9.96	220	47	Peak
5661.175	59.39	48.52	10.87	76.47	-17.08	220	47	Peak
5919.475	64.01	52.92	11.09	72.29	-8.28	220	47	Peak
*5939.425	61.3	50.12	11.18	68.2	-6.9	220	47	Peak

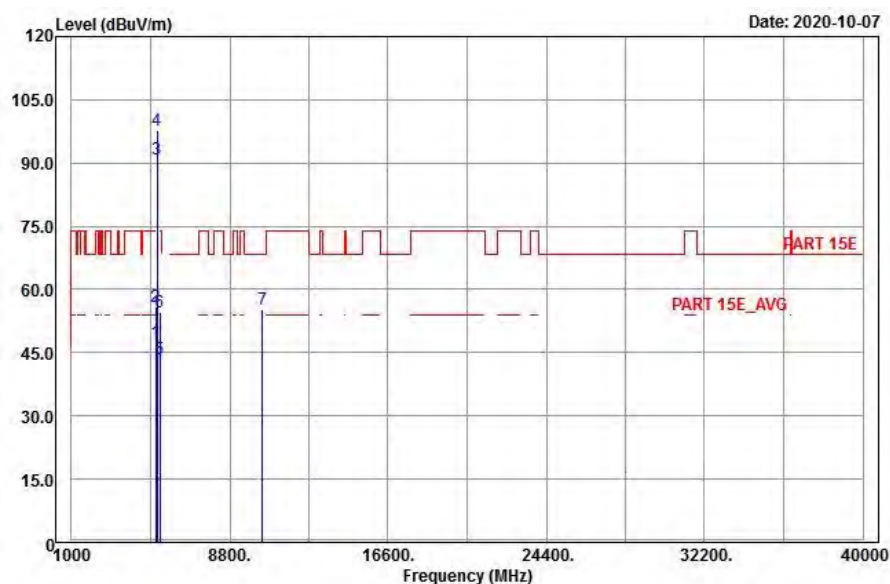
Remarks:

- Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
- 5795 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

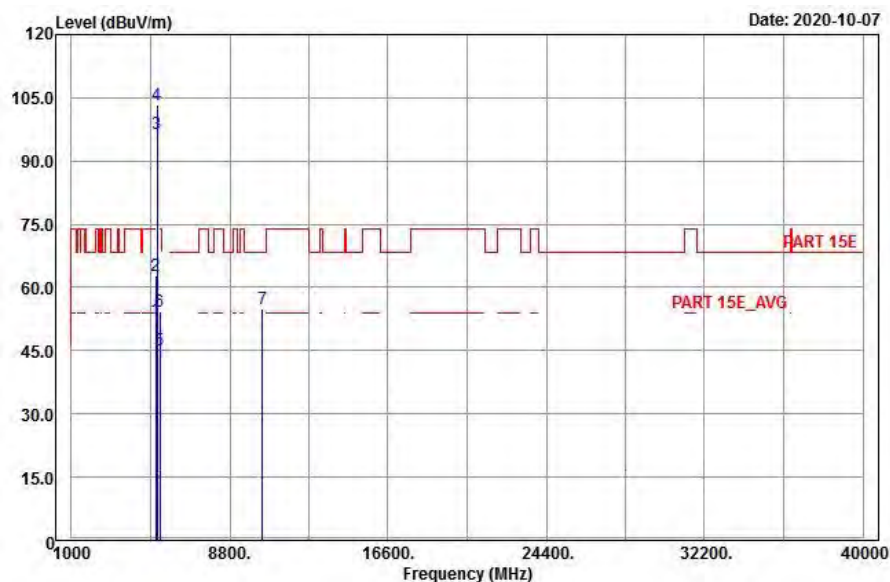
802.11ac (VHT80)

EUT Test Condition		Measurement Detail	
Channel	Channel 42	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	47.37	37.32	10.05	54	-6.63	100	279	Average
5150	55.77	45.72	10.05	74	-18.23	100	279	Peak
5210	90.9	80.73	10.17			100	279	Average
5210	97.67	87.5	10.17			100	279	Peak
5350	43.39	33.16	10.23	54	-10.61	100	279	Average
5350	54.57	44.34	10.23	74	-19.43	100	279	Peak
*10420	55.14	38.98	16.16	68.2	-13.06	140	183	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

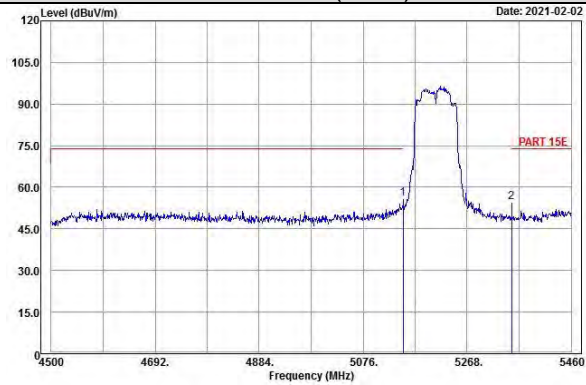
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	52.42	42.37	10.05	54	-1.58	212	339	Average
5150	62.9	52.85	10.05	74	-11.1	212	339	Peak
5210	96.34	86.17	10.17			212	339	Average
5210	103.33	93.16	10.17			212	339	Peak
5350	45.09	34.86	10.23	54	-8.91	212	339	Average
5350	54.34	44.11	10.23	74	-19.66	212	339	Peak
*10420	55.04	38.88	16.16	68.2	-13.16	115	141	Peak

Remarks:

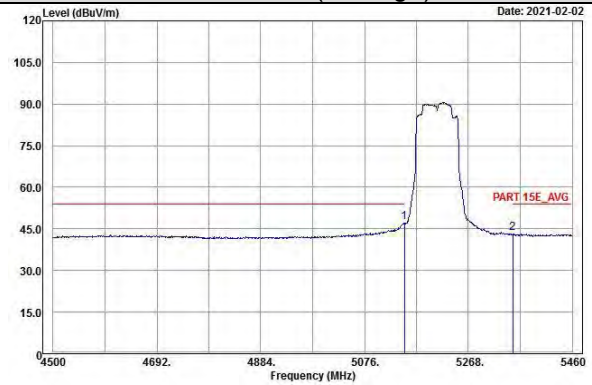
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5210 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 42

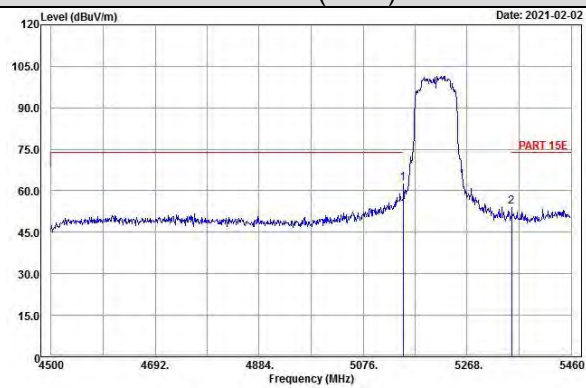
Horizontal (Peak)



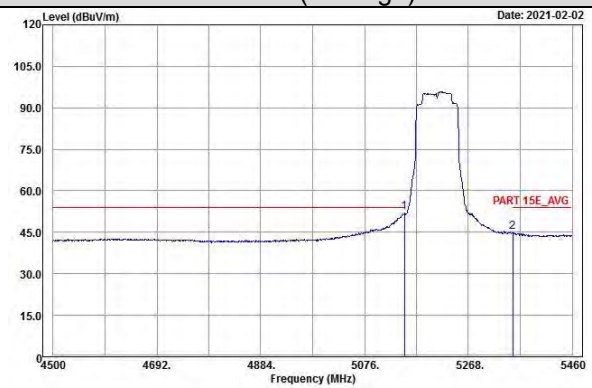
Horizontal (Average)



Vertical (Peak)

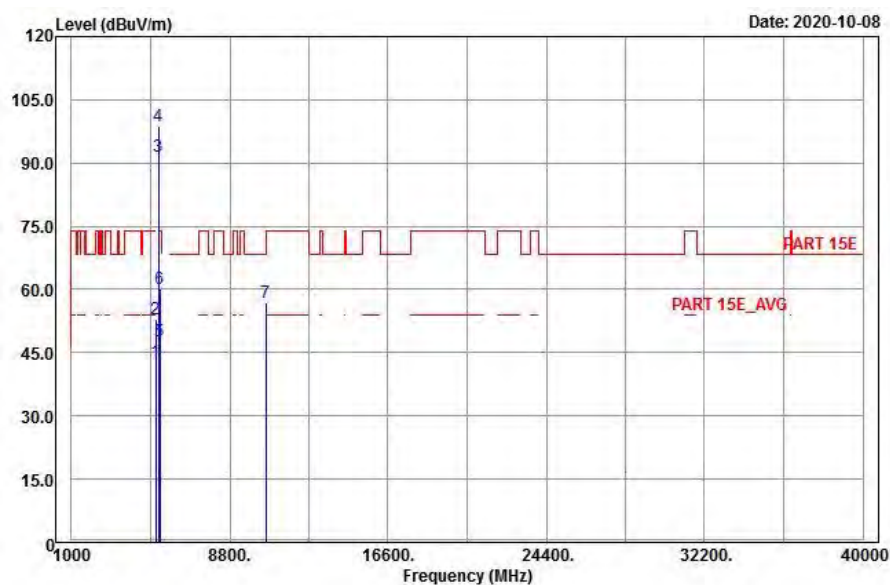


Vertical (Average)

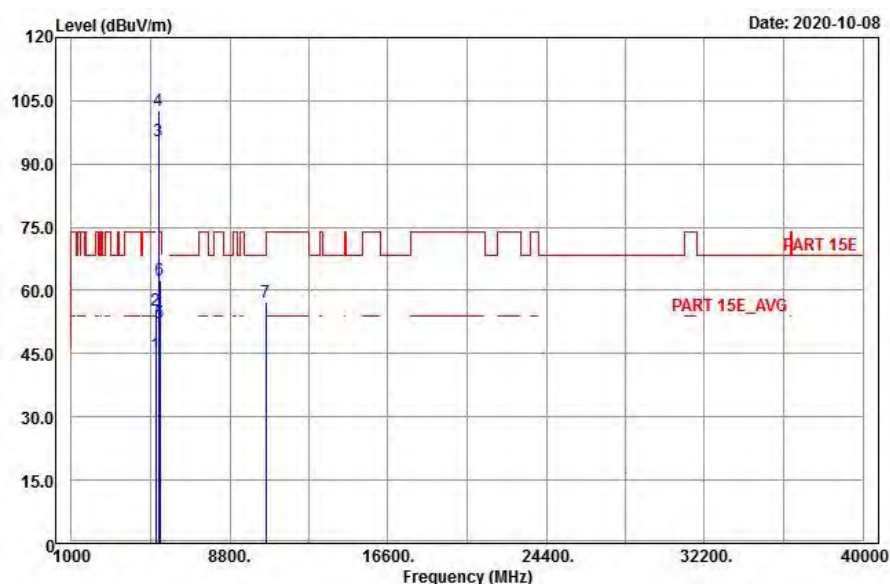


EUT Test Condition		Measurement Detail	
Channel	Channel 58	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.77	32.72	10.05	54	-11.23	192	345	Average
5150	53.13	43.08	10.05	74	-20.87	192	345	Peak
5290	91.48	81.38	10.1			192	345	Average
5290	98.83	88.73	10.1			192	345	Peak
5350	47.7	37.47	10.23	54	-6.3	192	345	Average
5350	60.1	49.87	10.23	74	-13.9	192	345	Peak
*10580	56.87	41.16	15.71	68.2	-11.33	119	322	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

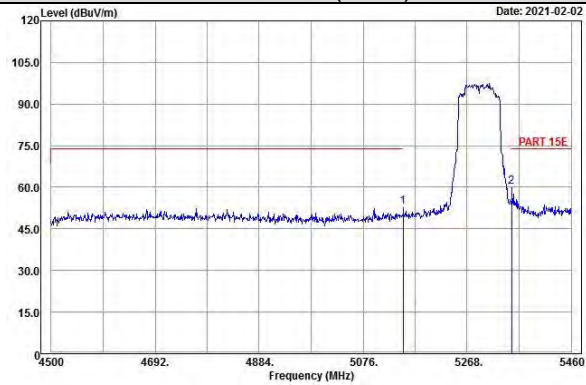
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	44.96	34.91	10.05	54	-9.04	216	344	Average
5150	55.34	45.29	10.05	74	-18.66	216	344	Peak
5290	95.54	85.44	10.1			216	344	Average
5290	102.82	92.72	10.1			216	344	Peak
5350	52.37	42.14	10.23	54	-1.63	216	344	Average
5350	62.4	52.17	10.23	74	-11.6	216	344	Peak
*10580	57.31	41.6	15.71	68.2	-10.89	185	222	Peak

Remarks:

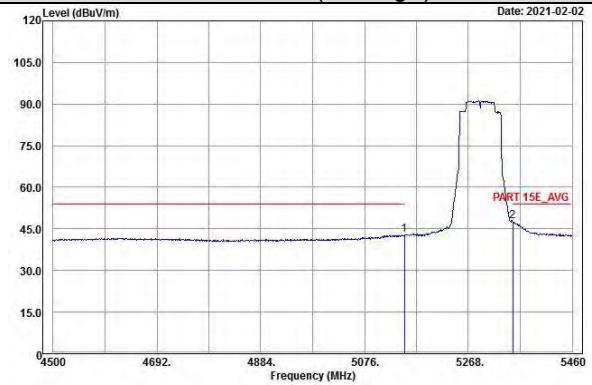
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5290 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 58

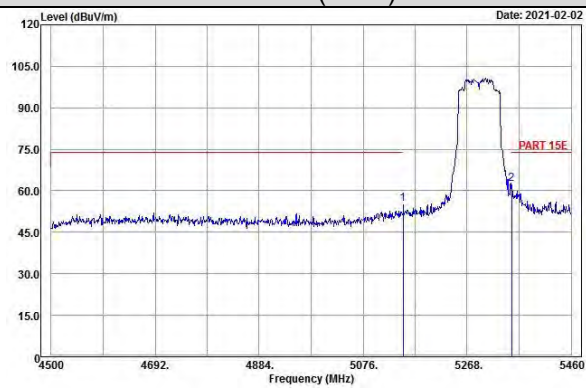
Horizontal (Peak)



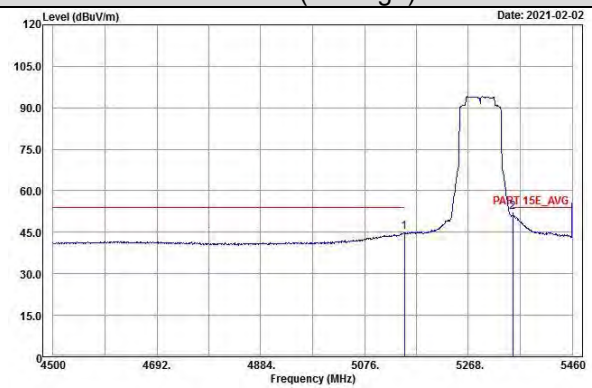
Horizontal (Average)



Vertical (Peak)

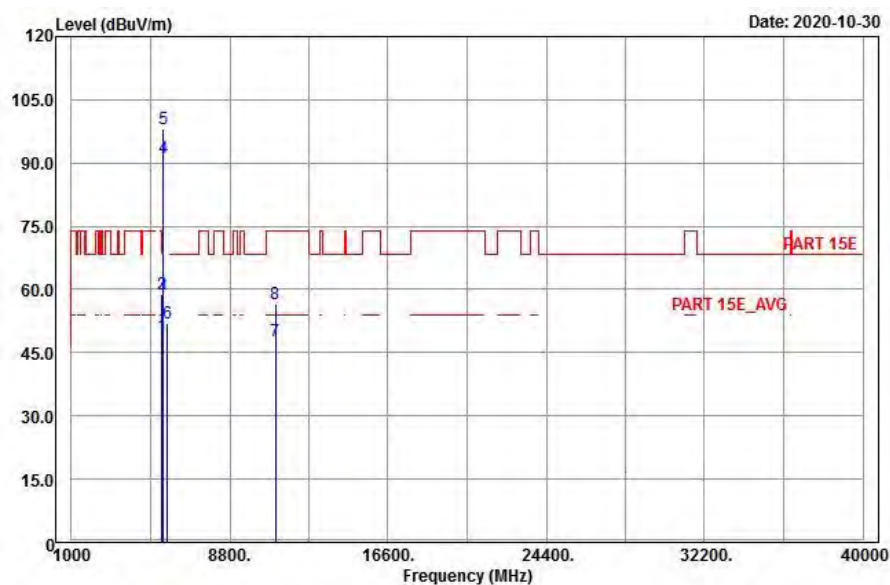


Vertical (Average)

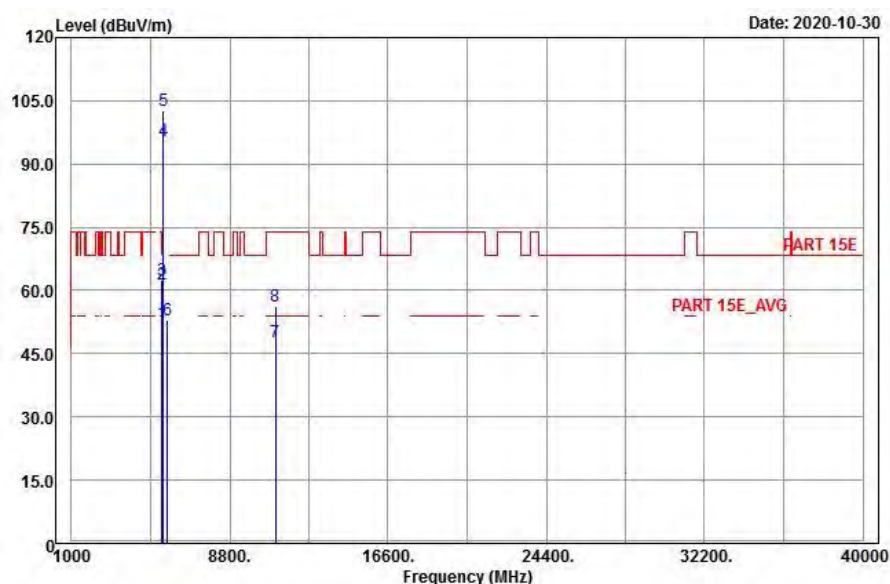


EUT Test Condition		Measurement Detail	
Channel	Channel 106	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



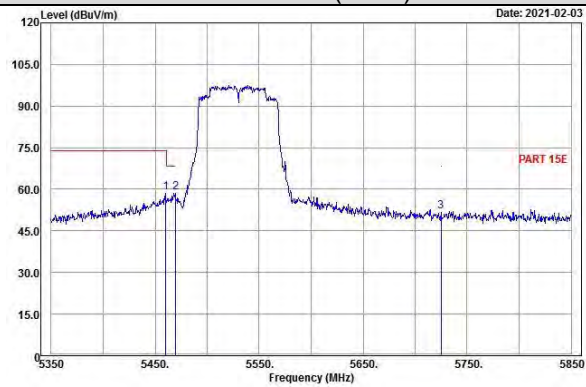
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	49.03	38.52	10.51	54	-4.97	184	336	Average
5460	58.74	48.23	10.51	74	-15.26	184	336	Peak
*5470	58.8	48.27	10.53	68.2	-9.4	184	336	Peak
5530	91.16	80.53	10.63			184	336	Average
5530	98.25	87.62	10.63			184	336	Peak
*5725	51.89	40.97	10.92	68.2	-16.31	184	336	Peak
11060	47.8	31.57	16.23	54	-6.2	156	333	Average
11060	56.47	40.24	16.23	74	-17.53	156	333	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.2	41.69	10.51	54	-1.8	246	11	Average
5460	61.49	50.98	10.51	74	-12.51	246	11	Peak
*5470	62.5	51.97	10.53	68.2	-5.7	246	11	Peak
5530	95.58	84.95	10.63			246	11	Average
5530	102.73	92.1	10.63			246	11	Peak
*5725	52.81	41.89	10.92	68.2	-15.39	246	11	Peak
11060	47.68	31.45	16.23	54	-6.32	193	325	Average
11060	56.21	39.98	16.23	74	-17.79	193	325	Peak

Remarks:

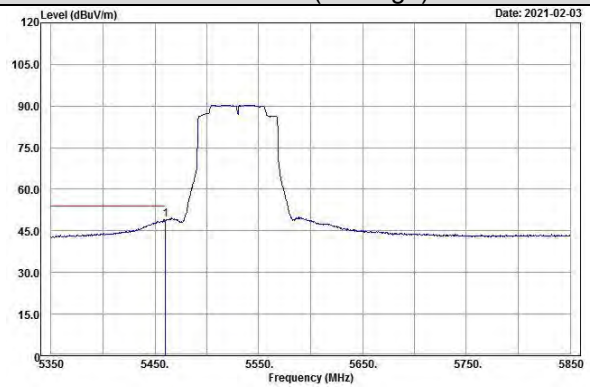
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5530 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 106

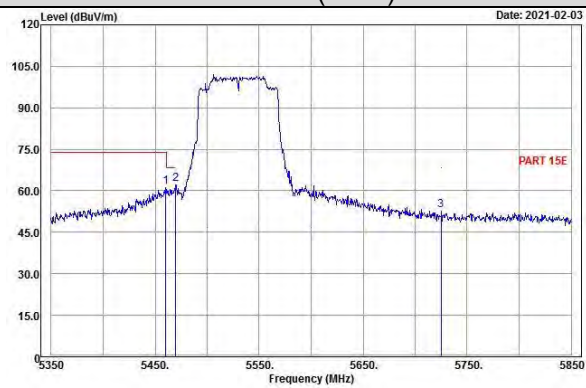
Horizontal (Peak)



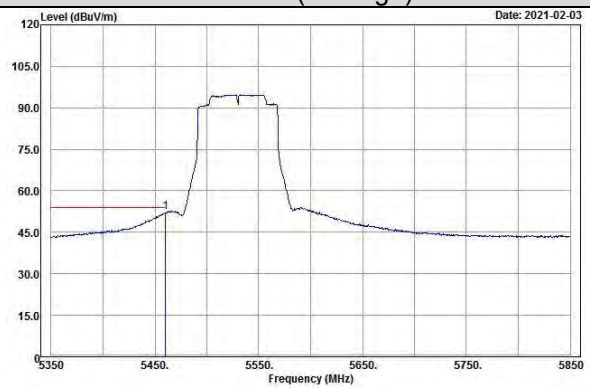
Horizontal (Average)



Vertical (Peak)

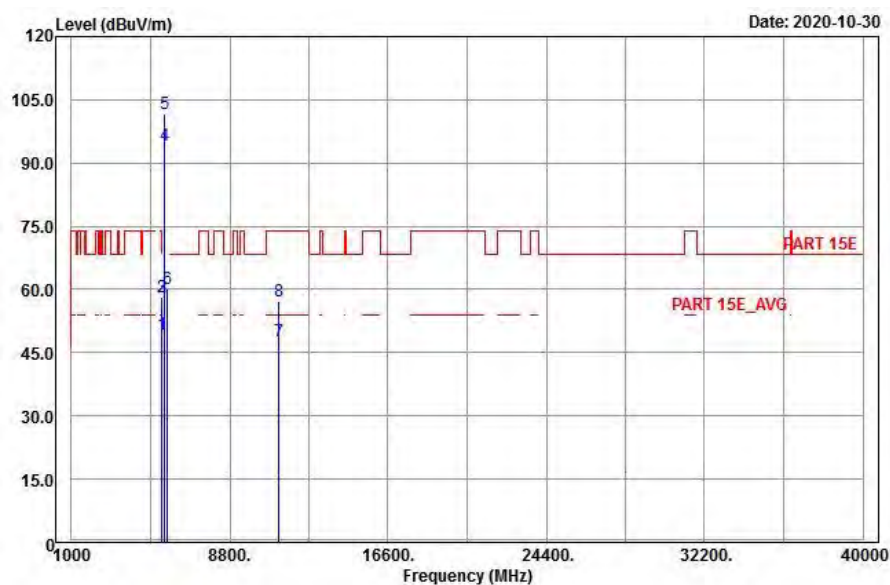


Vertical (Average)

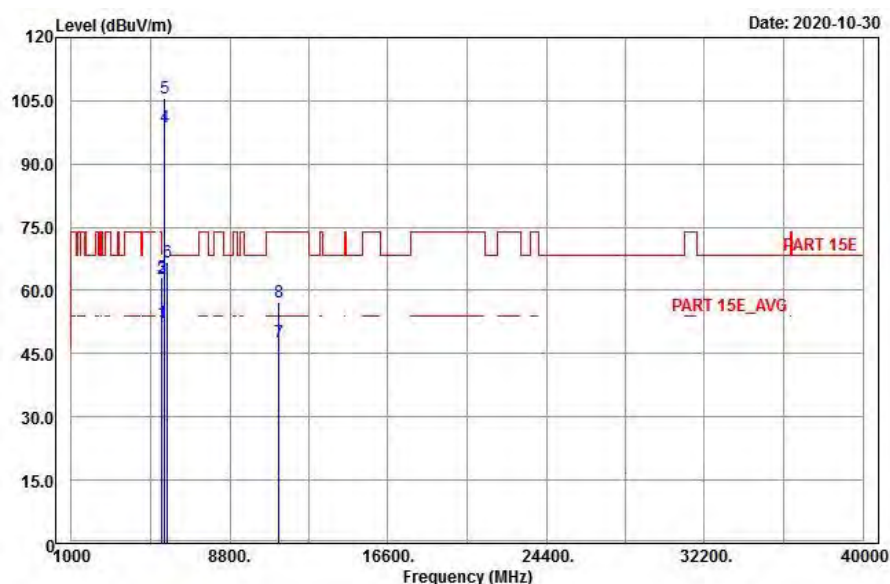


EUT Test Condition		Measurement Detail	
Channel	Channel 122	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



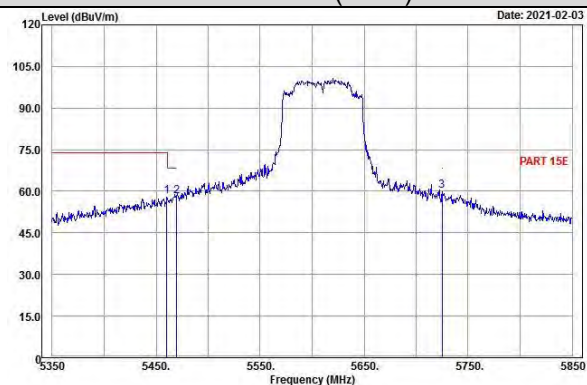
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	49.38	38.87	10.51	54	-4.62	184	336	Average
5460	58.18	47.67	10.51	74	-15.82	184	336	Peak
*5470	58.07	47.54	10.53	68.2	-10.13	184	336	Peak
5610	94.03	83.26	10.77			184	336	Average
5610	101.7	90.93	10.77			184	336	Peak
*5725	60.01	49.09	10.92	68.2	-8.19	184	336	Peak
11220	47.7	31.28	16.42	54	-6.3	122	255	Average
11220	57.32	40.9	16.42	74	-16.68	122	255	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.19	41.68	10.51	54	-1.81	246	11	Average
5460	62.71	52.2	10.51	74	-11.29	246	11	Peak
*5470	63.17	52.64	10.53	68.2	-5.03	246	11	Peak
5610	98.72	87.95	10.77			246	11	Average
5610	105.77	95	10.77			246	11	Peak
*5725	66.65	55.73	10.92	68.2	-1.55	246	11	Peak
11220	47.79	31.37	16.42	54	-6.21	124	250	Average
11220	57.33	40.91	16.42	74	-16.67	124	250	Peak

Remarks:

1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5610 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 122

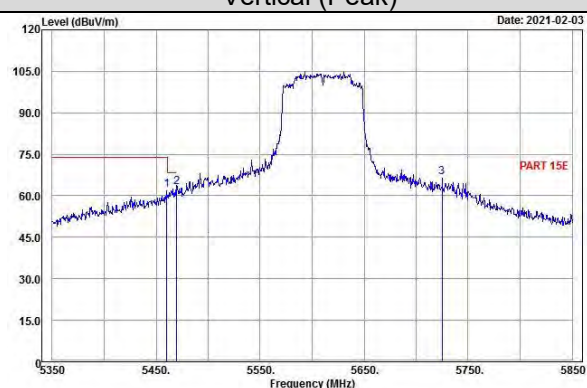
Horizontal (Peak)



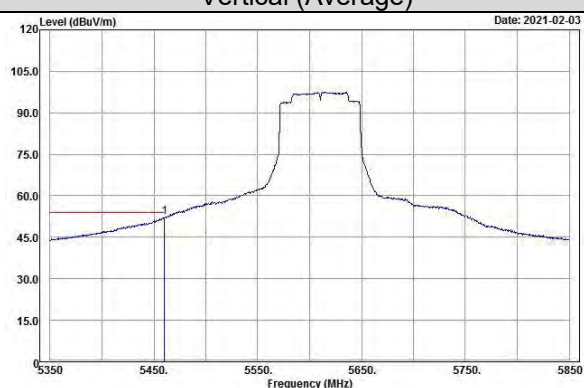
Horizontal (Average)



Vertical (Peak)

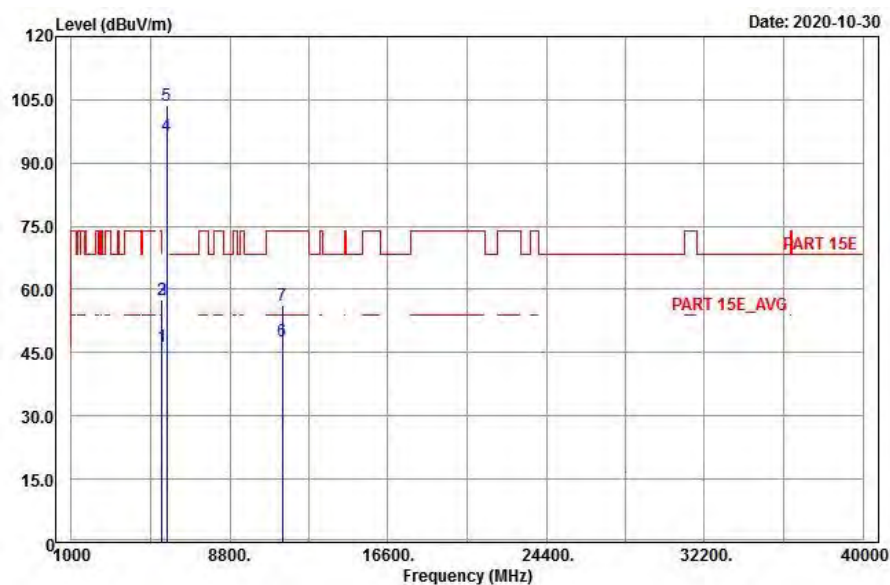


Vertical (Average)

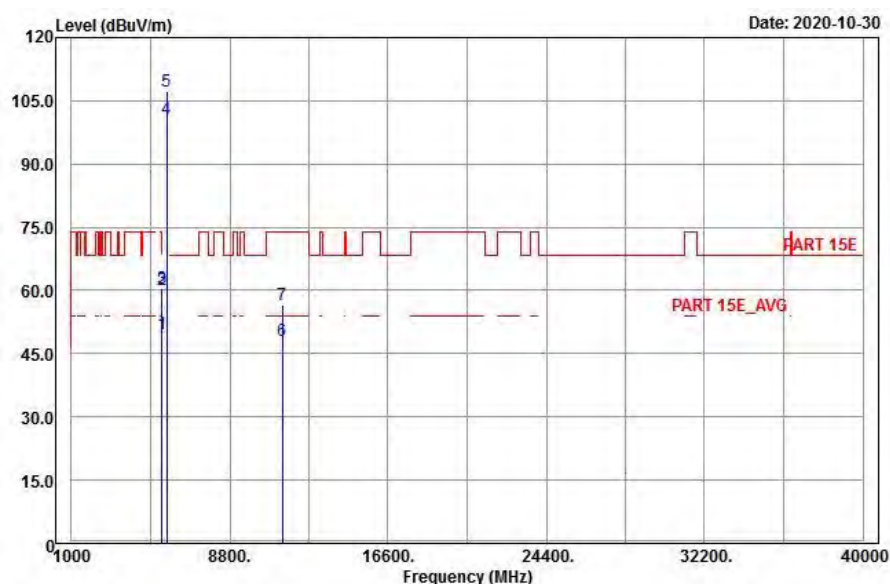


EUT Test Condition		Measurement Detail	
Channel	Channel 138	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46.5	35.99	10.51	54	-7.5	184	340	Average
5460	57.71	47.2	10.51	74	-16.29	184	340	Peak
*5470	57.65	47.12	10.53	68.2	-10.55	184	340	Peak
5690	96.55	85.62	10.93			184	340	Average
5690	103.5	92.57	10.93			184	340	Peak
11380	47.58	31.31	16.27	54	-6.42	138	5	Average
11380	56.14	39.87	16.27	74	-17.86	138	5	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

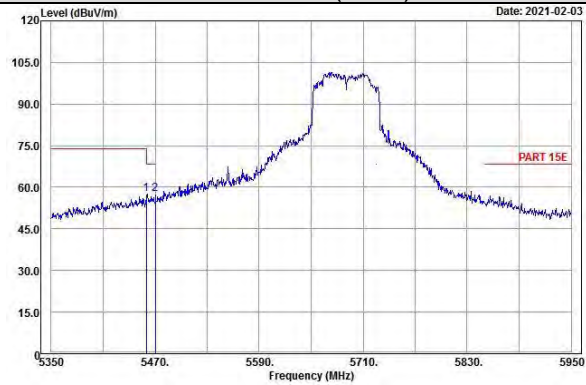
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	49.76	39.25	10.51	54	-4.24	246	11	Average
5460	60.15	49.64	10.51	74	-13.85	246	11	Peak
*5470	60.46	49.93	10.53	68.2	-7.74	246	11	Peak
5690	100.57	89.64	10.93			246	11	Average
5690	107.39	96.46	10.93			246	11	Peak
11380	48.02	31.75	16.27	54	-5.98	185	199	Average
11380	56.47	40.2	16.27	74	-17.53	185	199	Peak

Remarks:

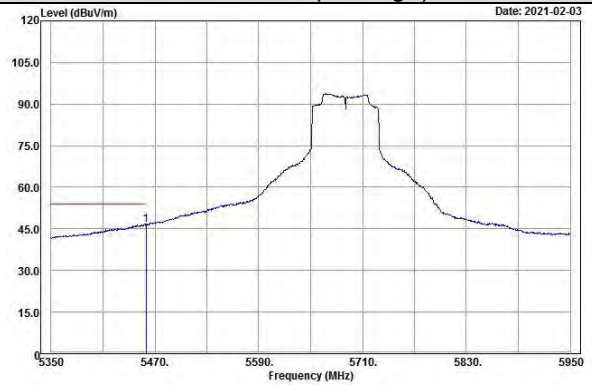
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5690 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 138

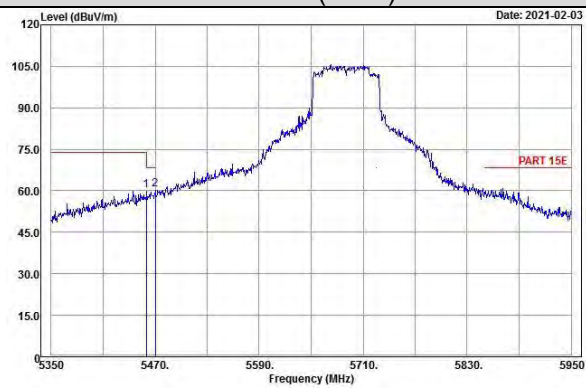
Horizontal (Peak)



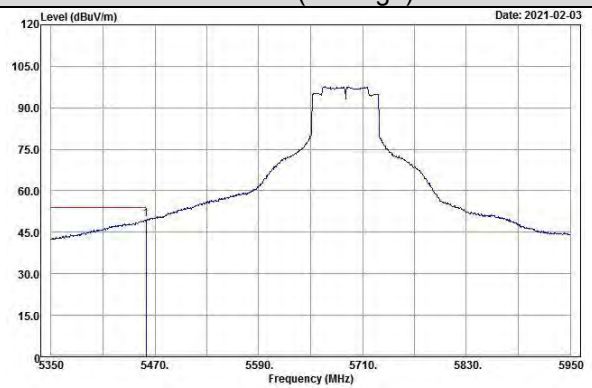
Horizontal (Average)



Vertical (Peak)

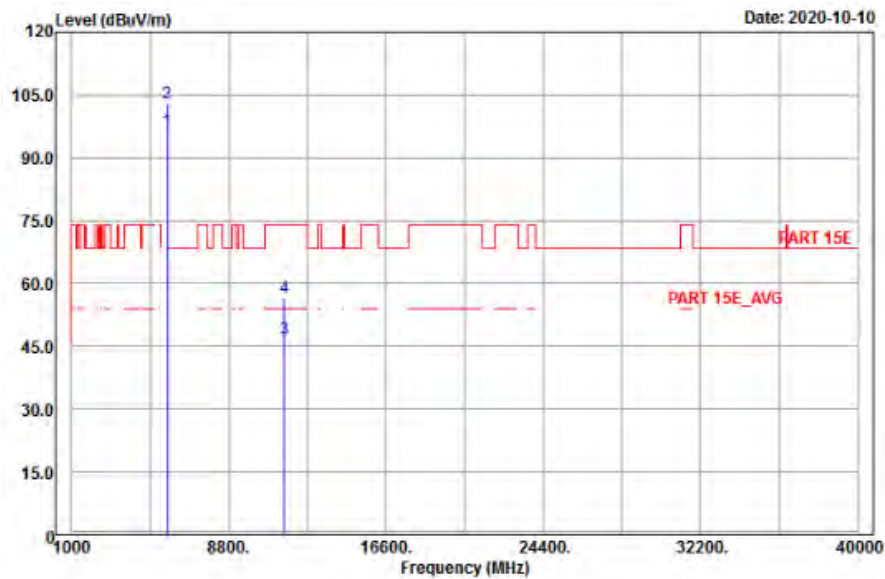


Vertical (Average)

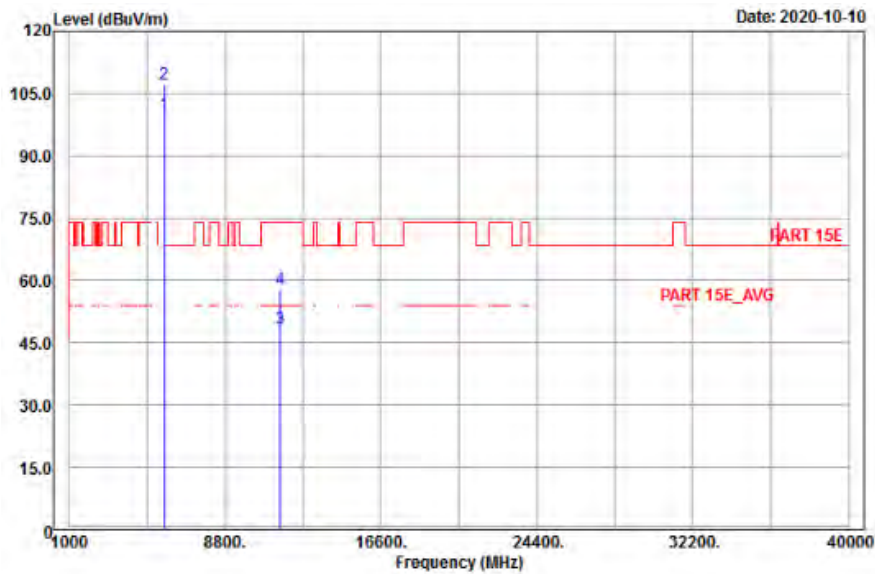


EUT Test Condition		Measurement Detail	
Channel	Channel 155	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

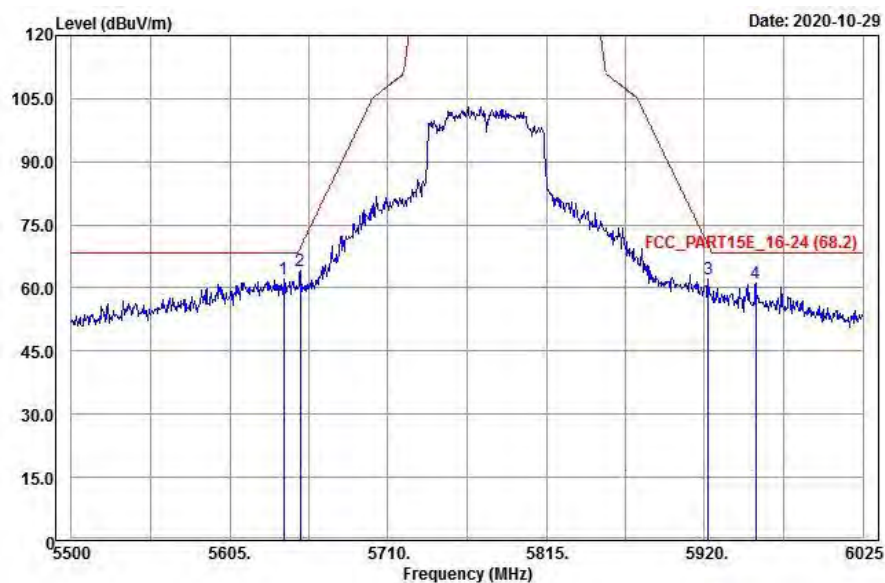
<Spurious Emission> Horizontal



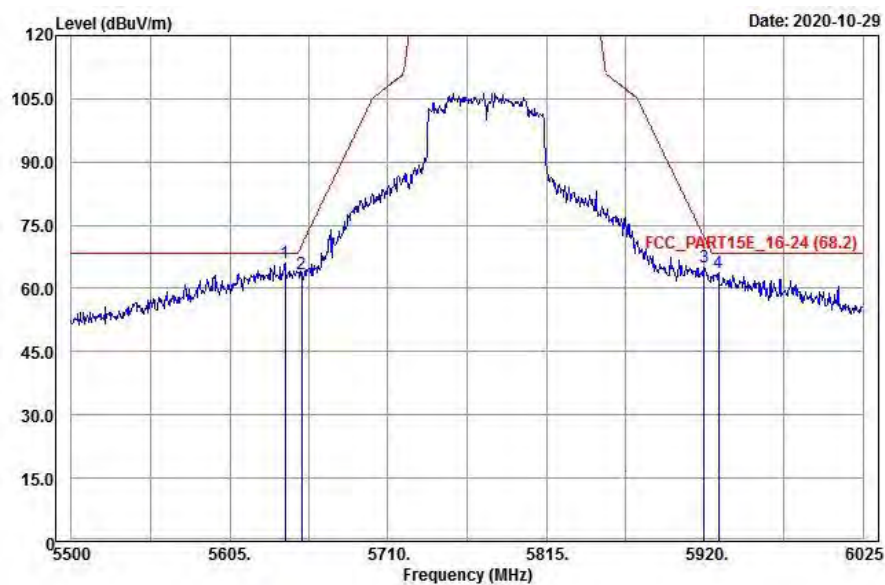
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5775	98.15	87.28	10.87			212	337	Average
5775	105.33	94.46	10.87			212	337	Peak
11550	46.62	30.12	16.5	54	-7.38	132	168	Average
11550	56.23	39.73	16.5	74	-17.77	132	168	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5775	102.64	91.77	10.87			220	47	Average
5775	109.56	98.69	10.87			220	47	Peak
11550	48.26	31.76	16.5	54	-5.74	201	2	Average
11550	56.65	40.15	16.5	74	-17.35	201	2	Peak

<Out of Band Emission (OOBE)>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5640.175	63.38	52.55	10.83	68.2	-4.82	212	337	Peak
5652.775	64.21	53.34	10.87	70.25	-6.04	212	337	Peak
5924.2	58.45	47.34	11.11	68.79	-10.34	212	337	Peak
*5935.225	58.94	47.78	11.16	68.2	-9.26	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5629.15	66.44	55.63	10.81	68.2	-1.76	220	47	Peak
5650.15	65.67	54.8	10.87	68.31	-2.64	220	47	Peak
5919.475	63.76	52.67	11.09	72.29	-8.53	220	47	Peak
*5940.475	62.68	51.5	11.18	68.2	-5.52	220	47	Peak

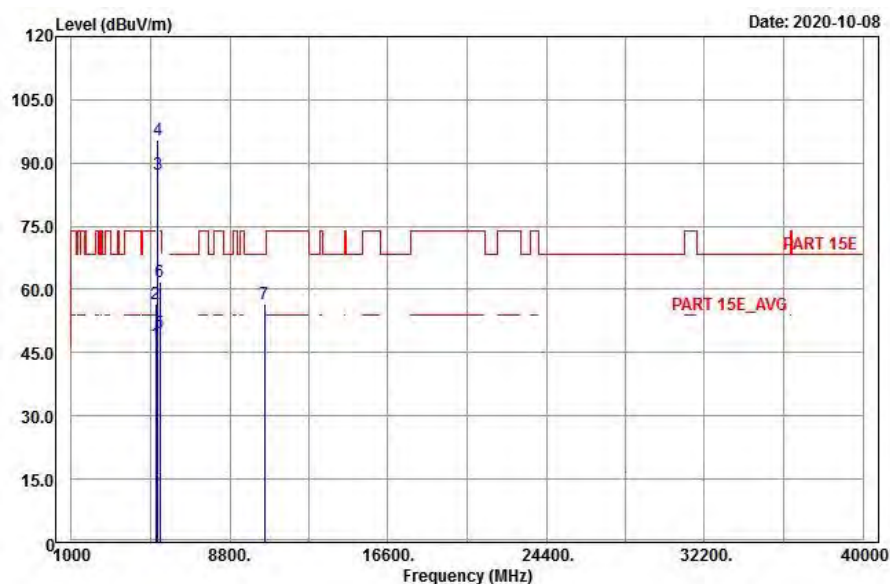
Remarks:

1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
2. 5775 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

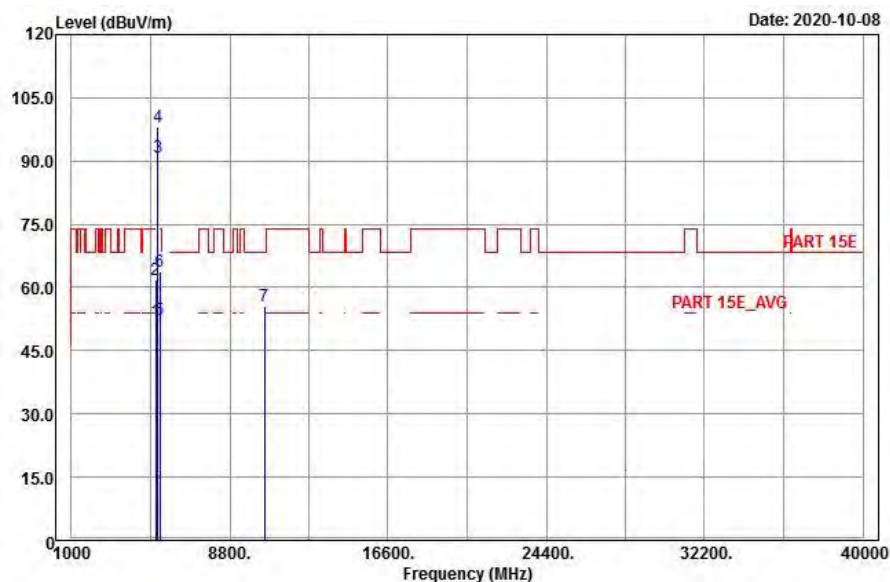
802.11ac (VHT160)

EUT Test Condition		Measurement Detail	
Channel	Channel 50	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



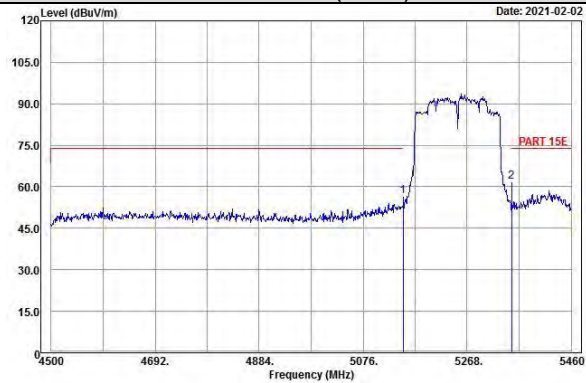
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	47.09	37.04	10.05	54	-6.91	206	349	Average
5150	56.56	46.51	10.05	74	-17.44	206	349	Peak
5250	87.39	77.29	10.1			206	349	Average
5250	95.62	85.52	10.1			206	349	Peak
5350	49.74	39.51	10.23	54	-4.26	206	349	Average
5350	61.74	51.51	10.23	74	-12.26	206	349	Peak
*10500	56.52	40.69	15.83	68.2	-11.68	187	7	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	51.93	41.88	10.05	54	-2.07	216	344	Average
5150	61.93	51.88	10.05	74	-12.07	216	344	Peak
5250	90.85	80.75	10.1			216	344	Average
5250	97.95	87.85	10.1			216	344	Peak
5350	52.33	42.1	10.23	54	-1.67	216	344	Average
5350	63.71	53.48	10.23	74	-10.29	216	344	Peak
*10500	55.55	39.72	15.83	68.2	-12.65	116	178	Peak

Remarks:

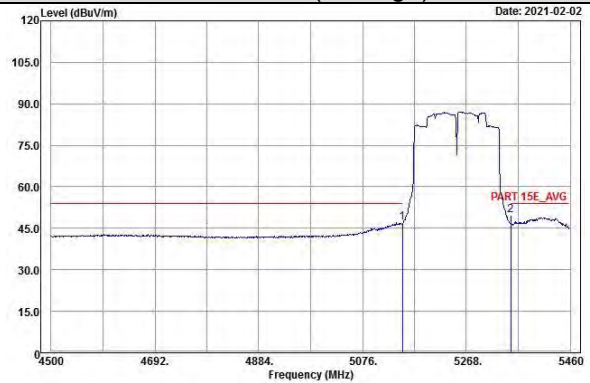
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5250 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 50

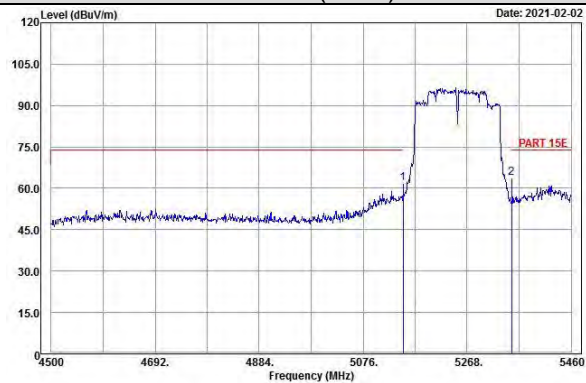
Horizontal (Peak)



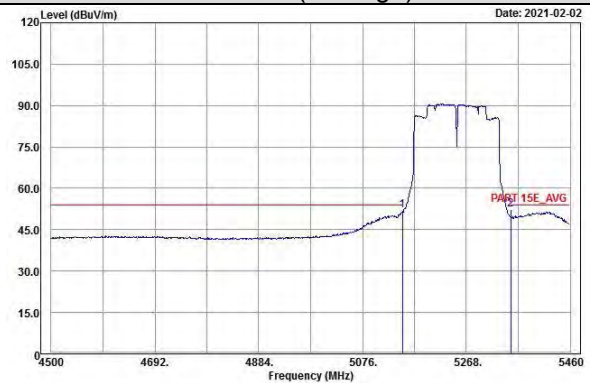
Horizontal (Average)



Vertical (Peak)

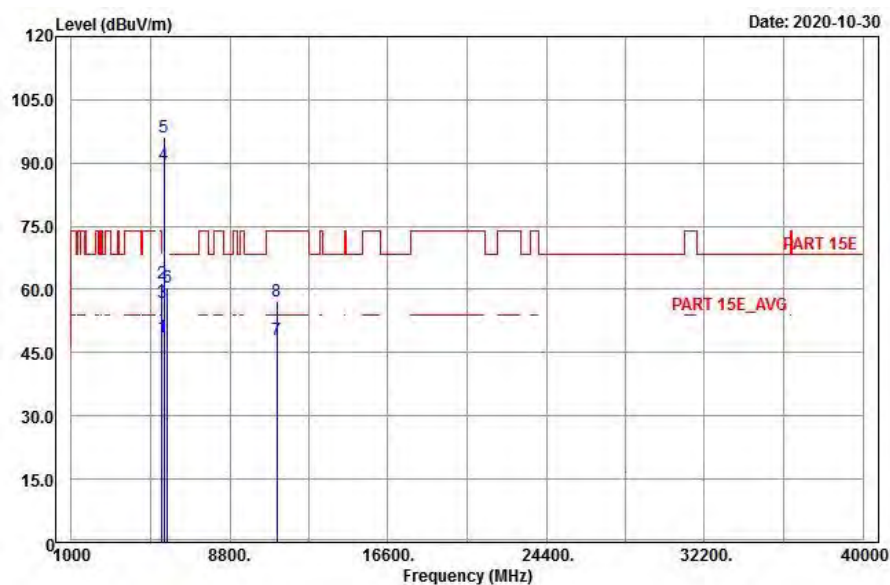


Vertical (Average)

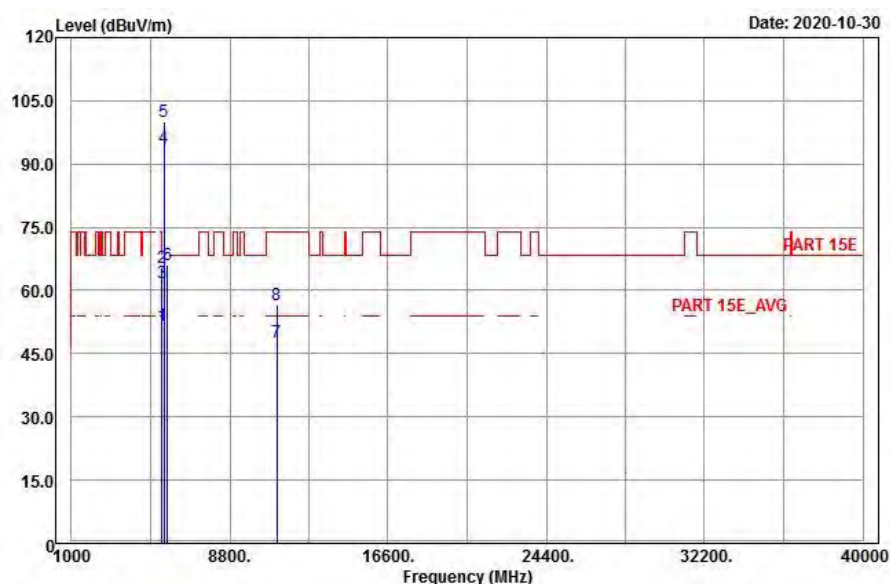


EUT Test Condition		Measurement Detail	
Channel	Channel 114	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



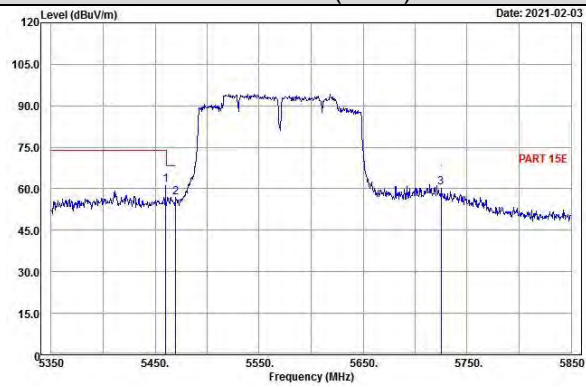
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	48.78	38.27	10.51	54	-5.22	184	340	Average
5460	61.31	50.8	10.51	74	-12.69	184	340	Peak
*5470	56.86	46.33	10.53	68.2	-11.34	184	340	Peak
5570	89.57	78.87	10.7			184	340	Average
5570	96.15	85.45	10.7			184	340	Peak
*5725	60.34	49.42	10.92	68.2	-7.86	184	340	Peak
11140	47.93	31.59	16.34	54	-6.07	164	185	Average
11140	57.09	40.75	16.34	74	-16.91	164	185	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	51.78	41.27	10.51	54	-2.22	246	11	Average
5460	65.26	54.75	10.51	74	-8.74	246	11	Peak
*5470	61.93	51.4	10.53	68.2	-6.27	246	11	Peak
5570	93.68	82.98	10.7			246	11	Average
5570	100.1	89.4	10.7			246	11	Peak
*5725	66.09	55.17	10.92	68.2	-2.11	246	11	Peak
11140	47.61	31.27	16.34	54	-6.39	168	333	Average
11140	56.49	40.15	16.34	74	-17.51	168	333	Peak

Remarks:

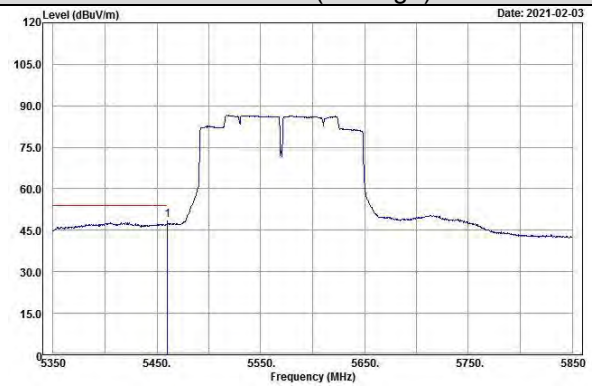
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5570 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 114

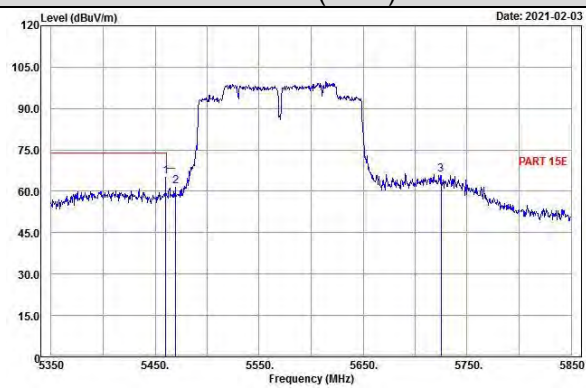
Horizontal (Peak)



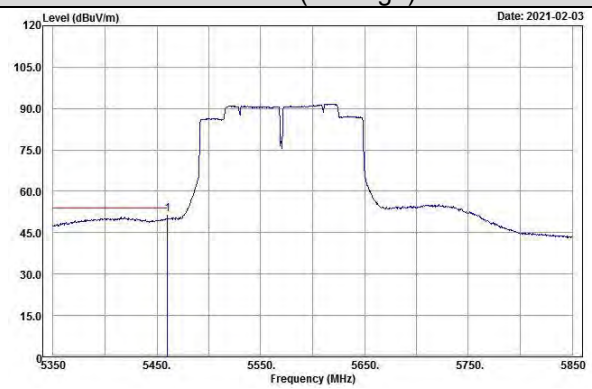
Horizontal (Average)



Vertical (Peak)



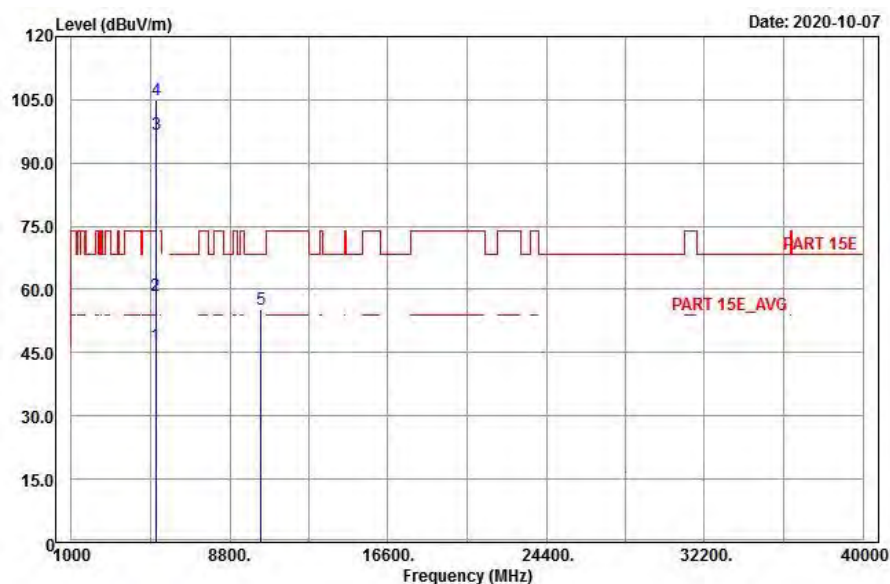
Vertical (Average)



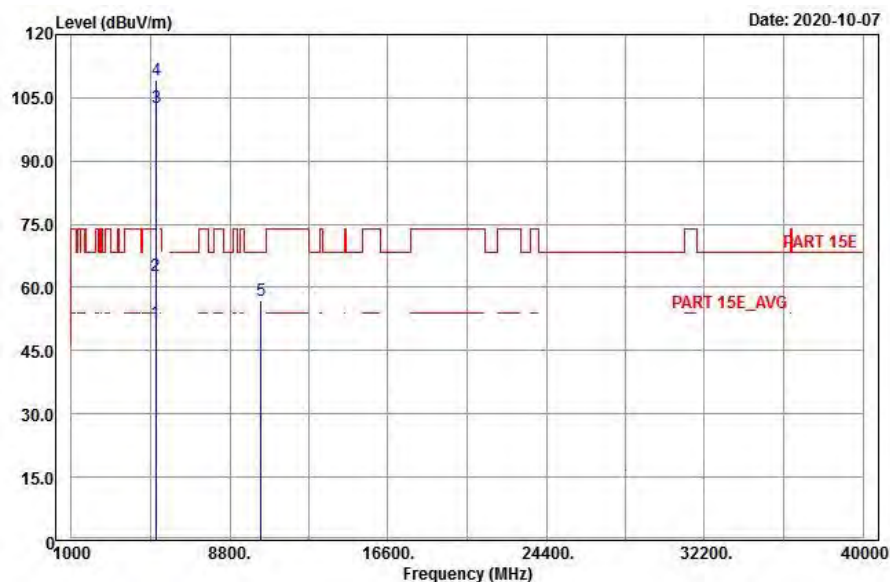
802.11ax (HE20)

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	46.91	36.86	10.05	54	-7.09	100	279	Average
5150	58.43	48.38	10.05	74	-15.57	100	279	Peak
5180	96.69	86.57	10.12			100	279	Average
5180	105.1	94.98	10.12			100	279	Peak
*10360	55.37	39.35	16.02	68.2	-12.83	119	344	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

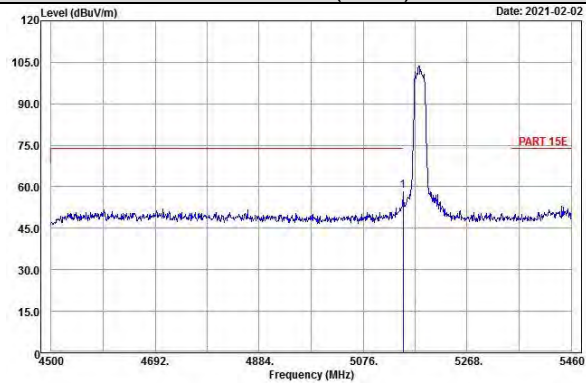
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	51.67	41.62	10.05	54	-2.33	193	340	Average
5150	62.82	52.77	10.05	74	-11.18	193	340	Peak
5180	102.6	92.48	10.12			193	340	Average
5180	109.25	99.13	10.12			193	340	Peak
*10360	56.86	40.84	16.02	8.2	-11.34	117	7	Peak

Remarks:

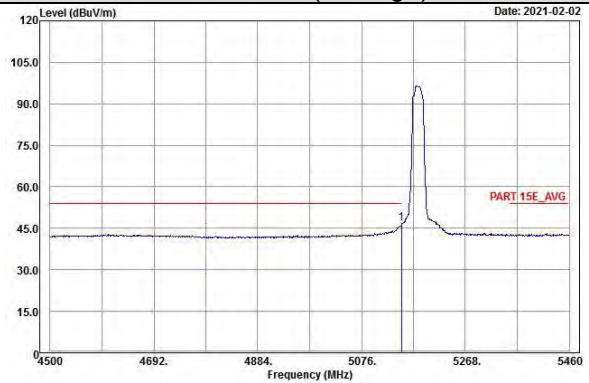
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5180 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 36

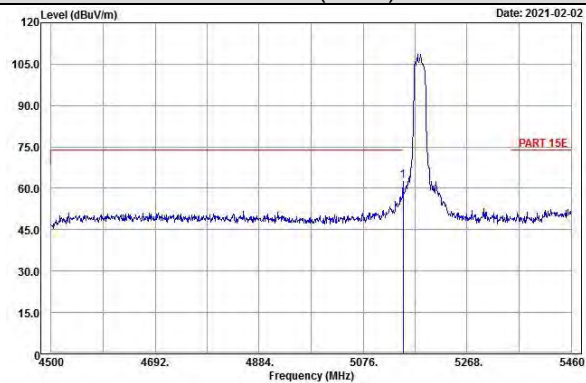
Horizontal (Peak)



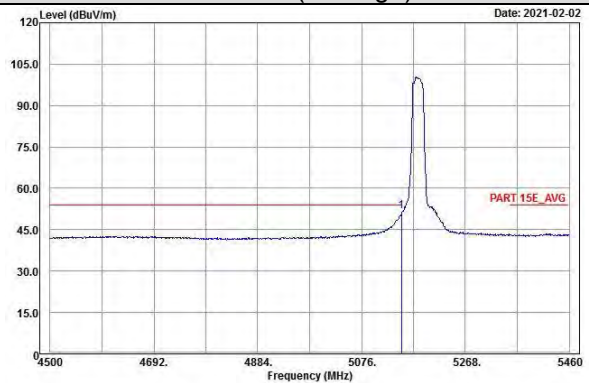
Horizontal (Average)



Vertical (Peak)

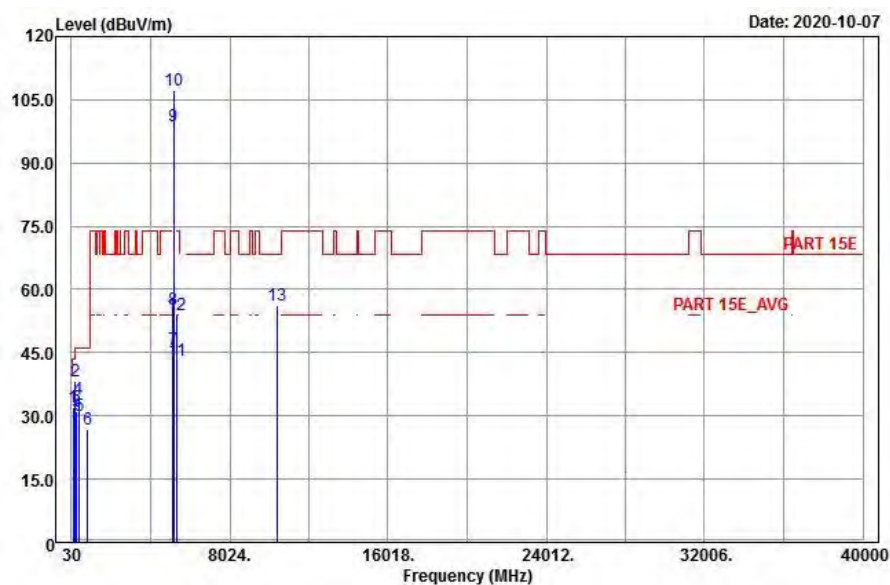


Vertical (Average)

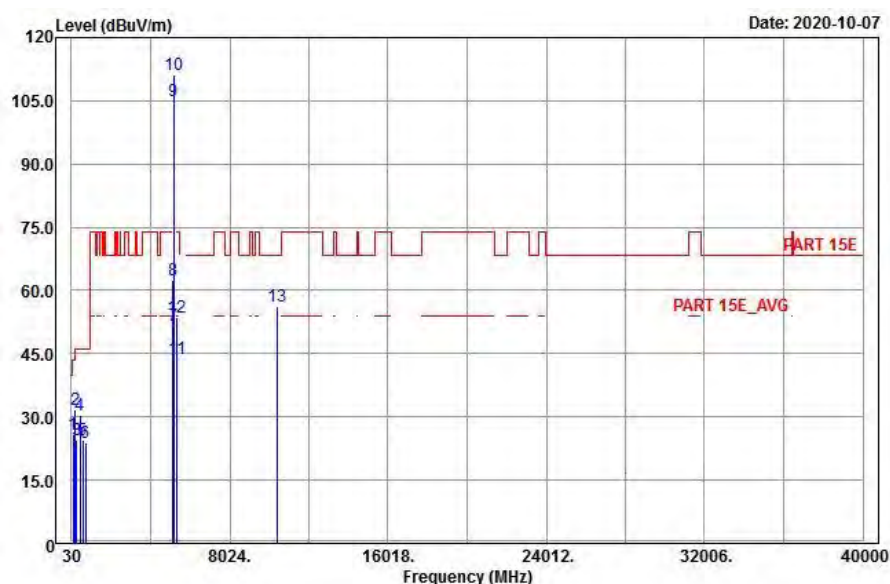


EUT Test Condition		Measurement Detail	
Channel	Channel 40	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
126.66	32.08	52.27	-20.19	43.5	-11.42	189	9	Peak
221.16	38.33	56.14	-17.81	46	-7.67	125	255	Peak
299.46	30.93	46.84	-15.91	46	-15.07	130	314	Peak
383.3	34.11	48.3	-14.19	46	-11.89	148	300	Peak
442.8	30	43.37	-13.37	46	-16	128	299	Peak
832.7	26.95	33.97	-7.02	46	-19.05	105	241	Peak
5150	45.83	35.78	10.05	54	-8.17	113	279	Average
5150	55.31	45.26	10.05	74	-18.69	113	279	Peak
5200	98.91	88.75	10.16			113	279	Average
5200	107.22	97.06	10.16			113	279	Peak
5350	43.17	32.94	10.23	54	-10.83	113	279	Average
5350	53.99	43.76	10.23	74	-20.01	113	279	Peak
*10400	56.14	39.96	16.18	68.2	-12.06	199	65	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

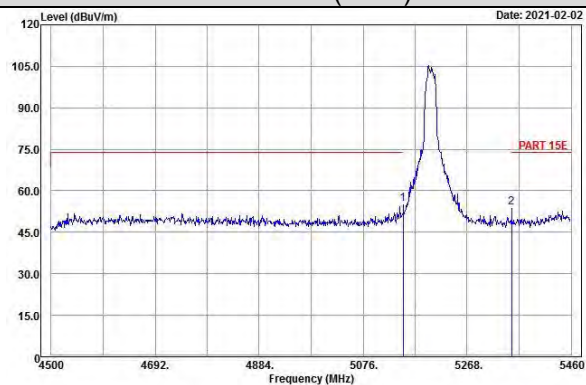
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
127.47	25.84	46.03	-20.19	43.5	-17.66	158	88	Peak
221.97	31.84	49.6	-17.76	46	-14.16	105	163	Peak
284.07	24.52	40.84	-16.32	46	-21.48	177	24	Peak
467.3	30.29	43.3	-13.01	46	-15.71	141	14	Peak
590.5	24.44	35.31	-10.87	46	-21.56	105	195	Peak
736.1	23.97	32.59	-8.62	46	-22.03	132	26	Peak
5150	51.6	41.55	10.05	54	-2.4	222	350	Average
5150	62.31	52.26	10.05	74	-11.69	222	350	Peak
5200	105.06	94.9	10.16			222	350	Average
5200	111.09	100.93	10.16			222	350	Peak
5350	43.65	33.42	10.23	54	-10.35	222	350	Average
5350	53.78	43.55	10.23	74	-20.22	222	350	Peak
*10400	56.14	39.96	16.18	68.2	-12.06	118	164	Peak

Remarks:

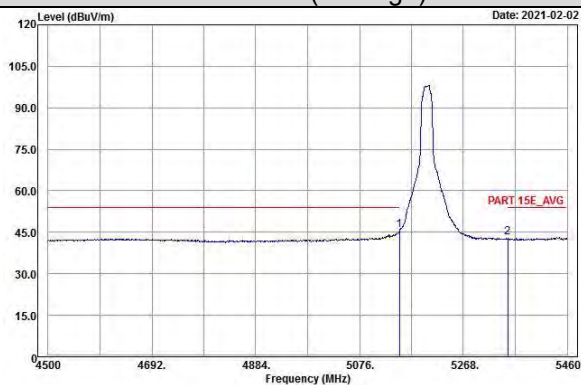
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5200 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 40

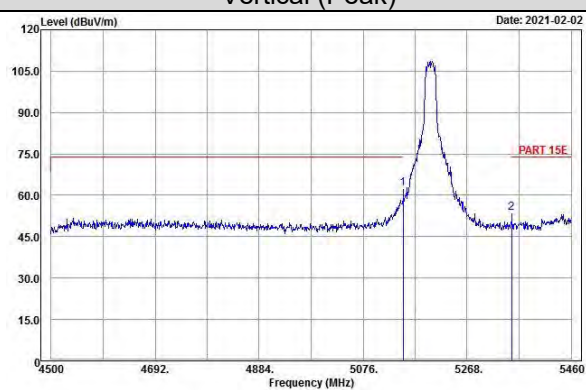
Horizontal (Peak)



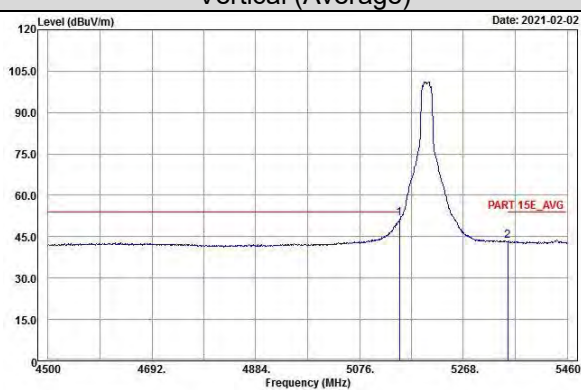
Horizontal (Average)



Vertical (Peak)

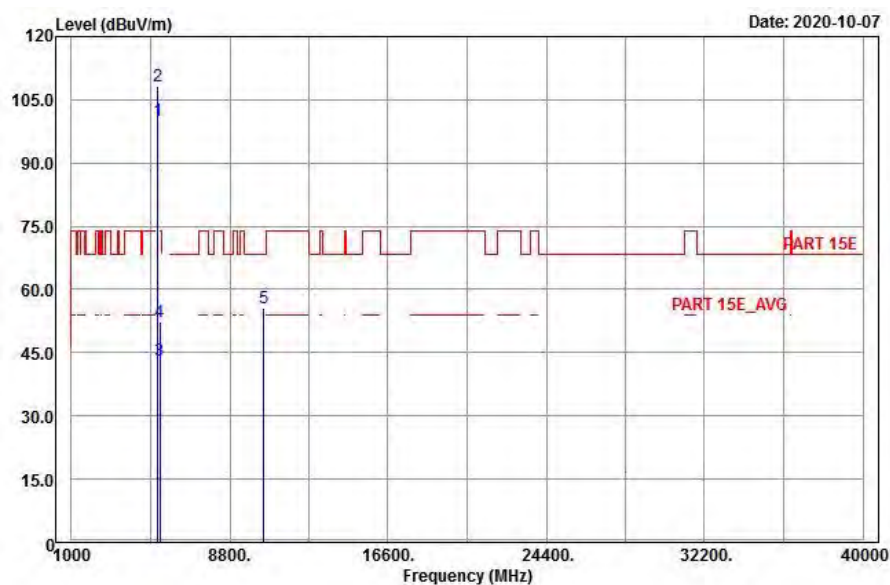


Vertical (Average)

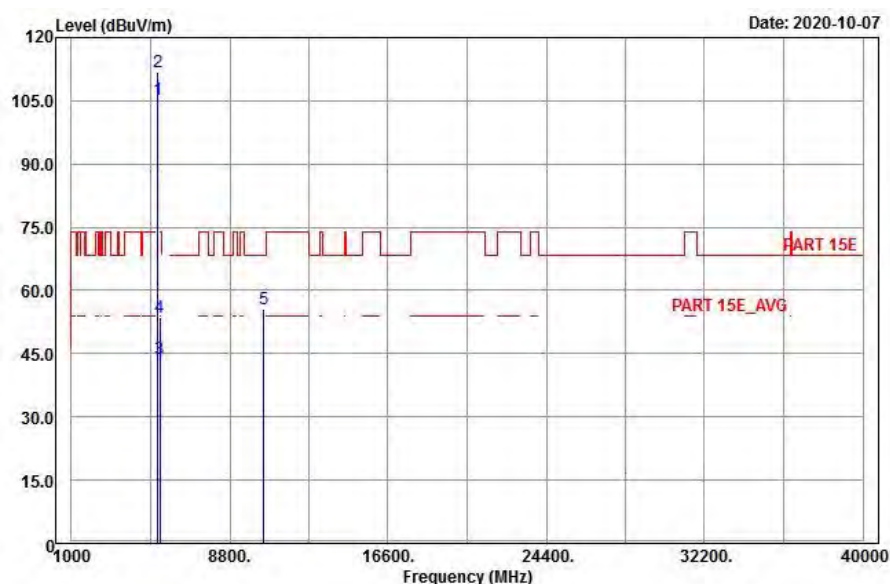


EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



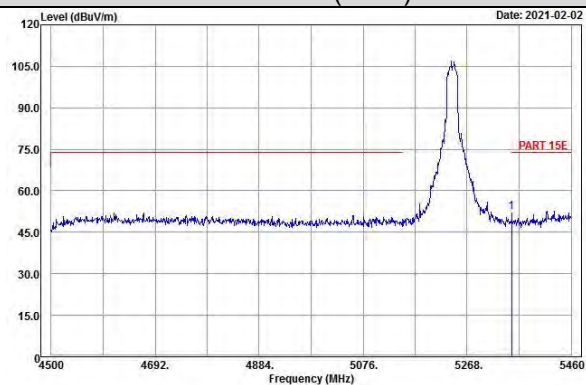
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5240	100.12	89.98	10.14			113	279	Average
5240	108.14	98	10.14			113	279	Peak
5350	43.03	32.8	10.23	54	-10.97	113	279	Average
5350	52.47	42.24	10.23	74	-21.53	113	279	Peak
*10480	55.72	39.82	15.9	68.2	-12.48	164	19	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5240	105.38	95.24	10.14			217	350	Average
5240	111.69	101.55	10.14			217	350	Peak
5350	43.75	33.52	10.23	54	-10.25	217	350	Average
5350	53.75	43.52	10.23	74	-20.25	217	350	Peak
*10480	55.71	39.81	15.9	68.2	-12.49	118	274	Peak

Remarks:

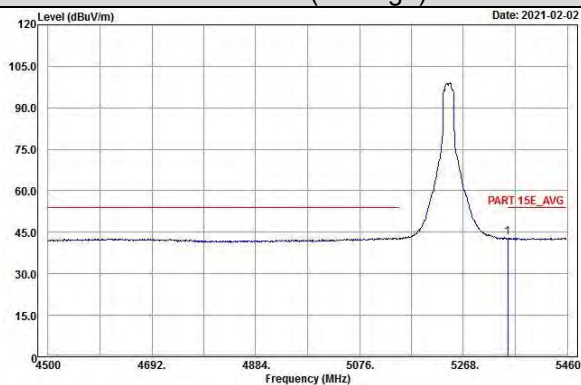
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5240 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 48

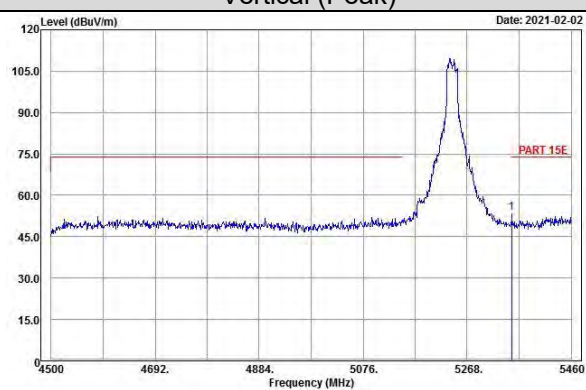
Horizontal (Peak)



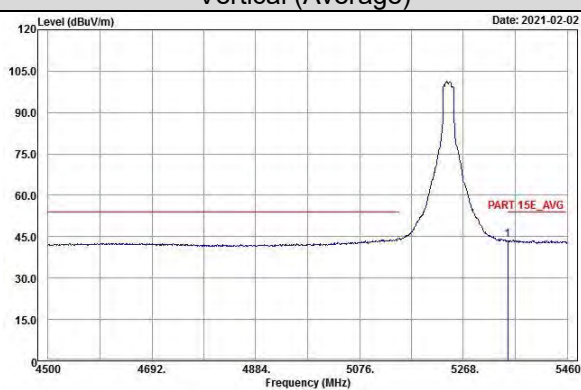
Horizontal (Average)



Vertical (Peak)

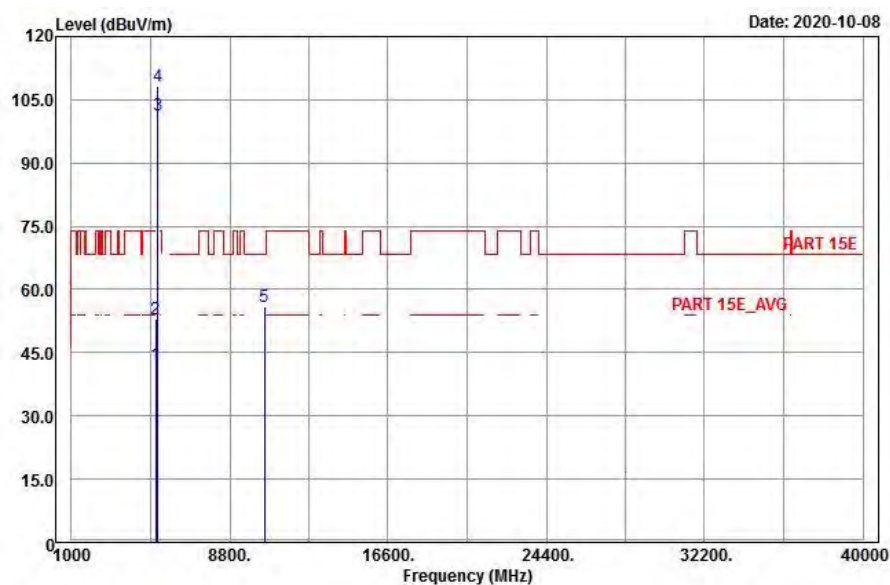


Vertical (Average)

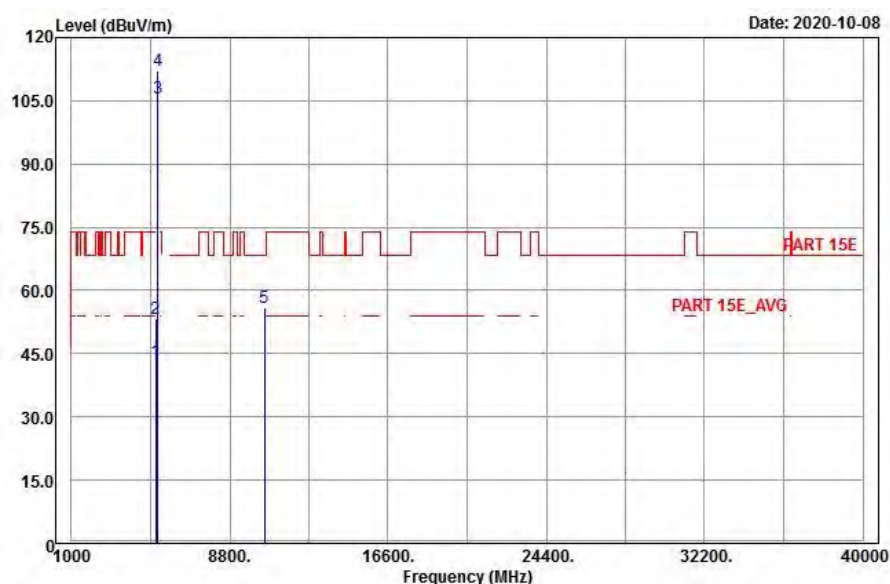


EUT Test Condition		Measurement Detail	
Channel	Channel 52	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.2	32.15	10.05	54	-11.8	192	345	Average
5150	53.13	43.08	10.05	74	-20.87	192	345	Peak
5260	101.29	91.17	10.12			192	345	Average
5260	108.33	98.21	10.12			192	345	Peak
*10520	55.81	39.93	15.88	68.2	-12.39	118	214	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

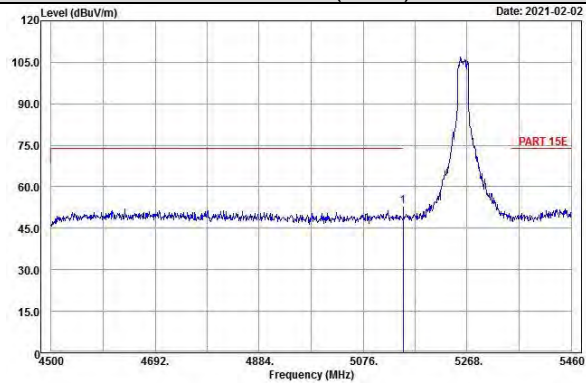
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	43.11	33.06	10.05	54	-10.89	216	344	Average
5150	53.44	43.39	10.05	74	-20.56	216	344	Peak
5260	105.54	95.42	10.12			216	344	Average
5260	112.09	101.97	10.12			216	344	Peak
*10520	55.91	40.03	15.88	68.2	-12.29	124	1	Peak

Remarks:

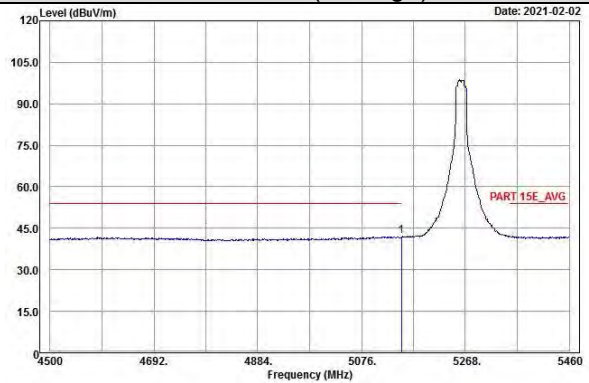
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5260 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 52

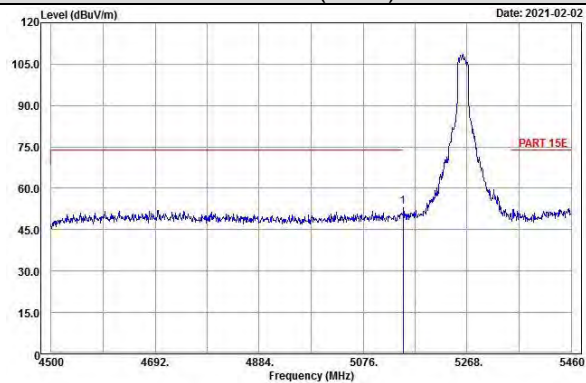
Horizontal (Peak)



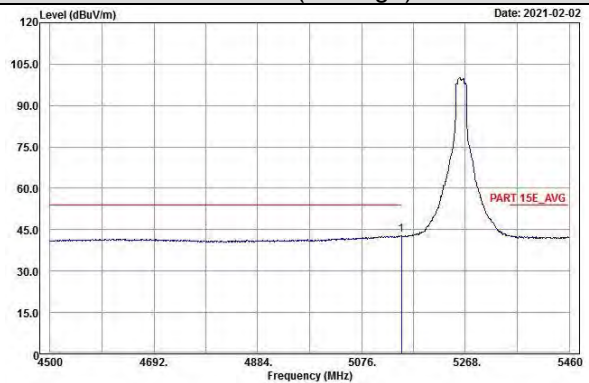
Horizontal (Average)



Vertical (Peak)

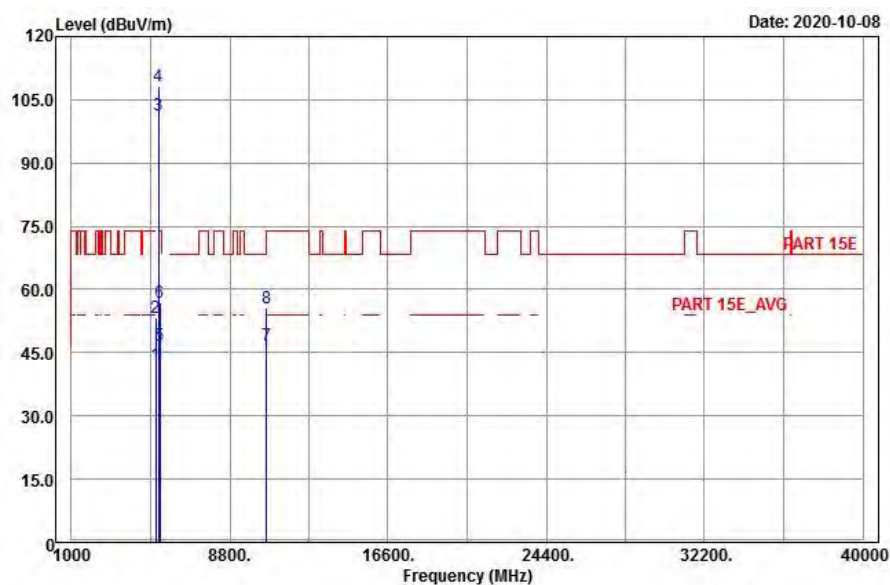


Vertical (Average)

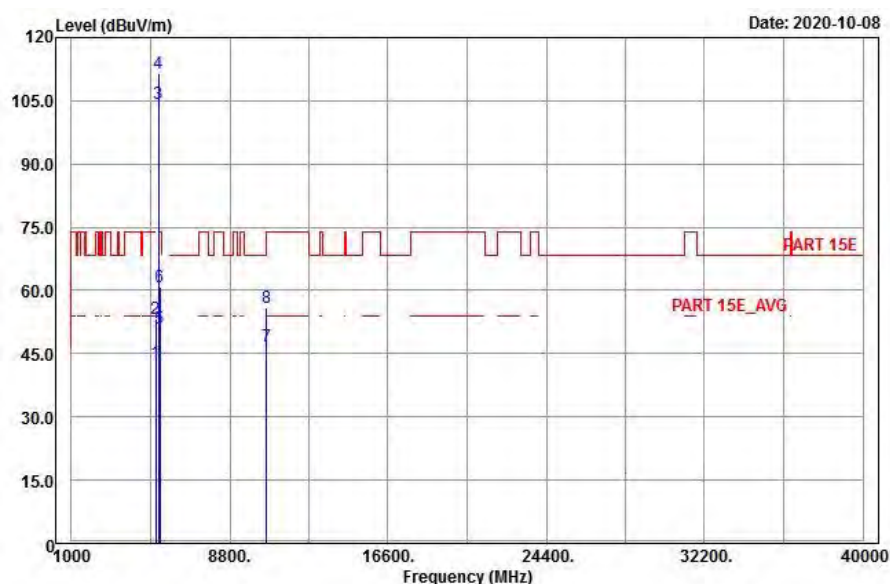


EUT Test Condition		Measurement Detail	
Channel	Channel 60	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



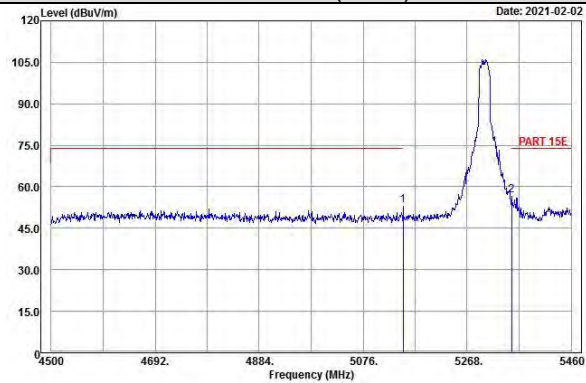
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.08	32.03	10.05	54	-11.92	192	345	Average
5150	53.21	43.16	10.05	74	-20.79	192	345	Peak
5300	101.28	91.22	10.06			192	345	Average
5300	108.16	98.1	10.06			192	345	Peak
5350	46.63	36.4	10.23	54	-7.37	192	345	Average
5350	56.83	46.6	10.23	74	-17.17	192	345	Peak
10600	46.64	30.88	15.76	54	-7.36	115	54	Average
10600	55.72	39.96	15.76	74	-18.28	115	54	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.7	32.65	10.05	54	-11.3	216	344	Average
5150	53.41	43.36	10.05	74	-20.59	216	344	Peak
5300	104.18	94.12	10.06			216	344	Average
5300	111.64	101.58	10.06			216	344	Peak
5350	51.02	40.79	10.23	54	-2.98	216	344	Average
5350	60.77	50.54	10.23	74	-13.23	216	344	Peak
10600	46.65	30.89	15.76	54	-7.35	119	349	Average
10600	55.96	40.2	15.76	74	-18.04	119	349	Peak

Remarks:

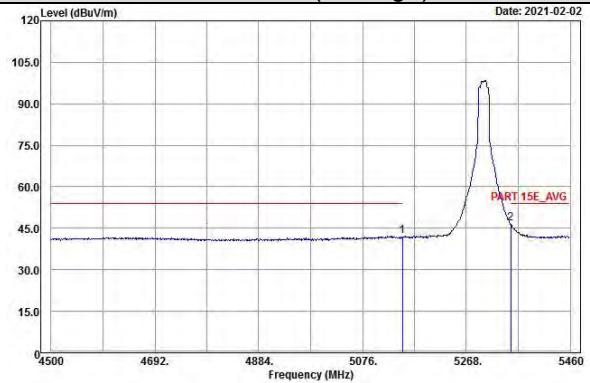
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5300 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 60

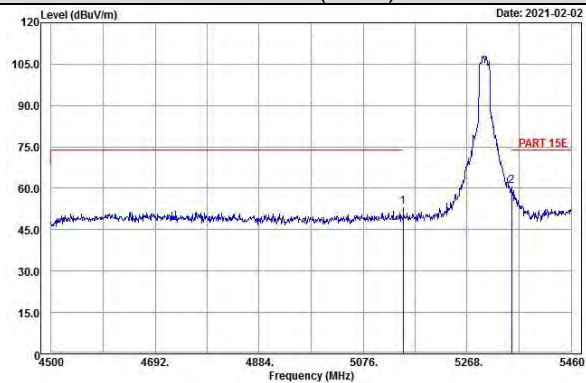
Horizontal (Peak)



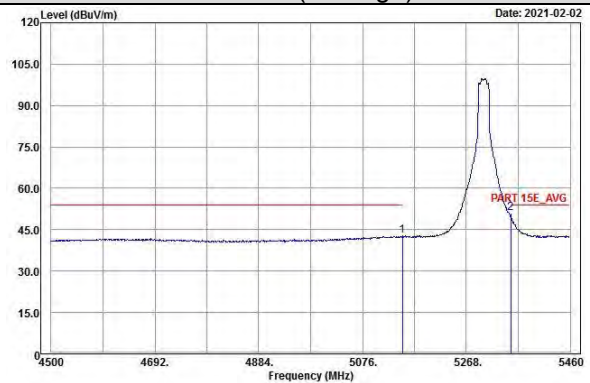
Horizontal (Average)



Vertical (Peak)

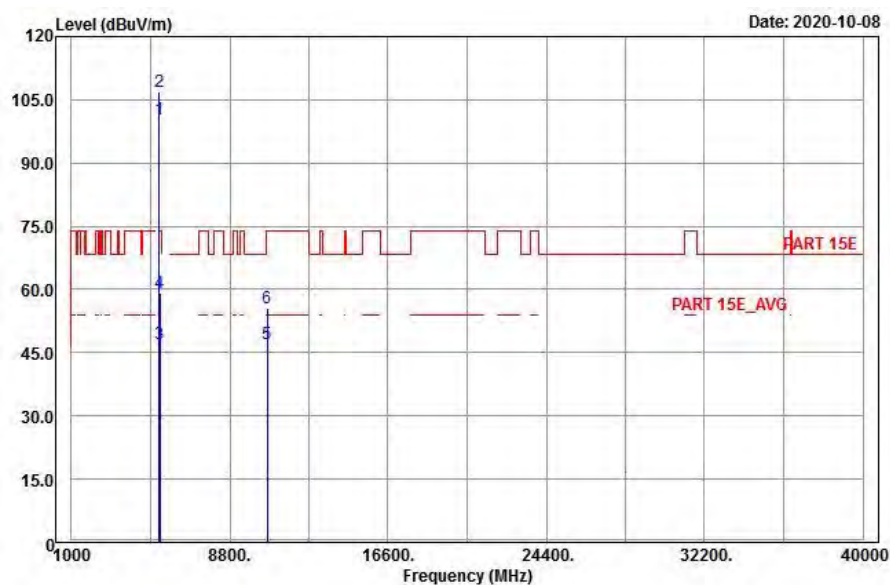


Vertical (Average)

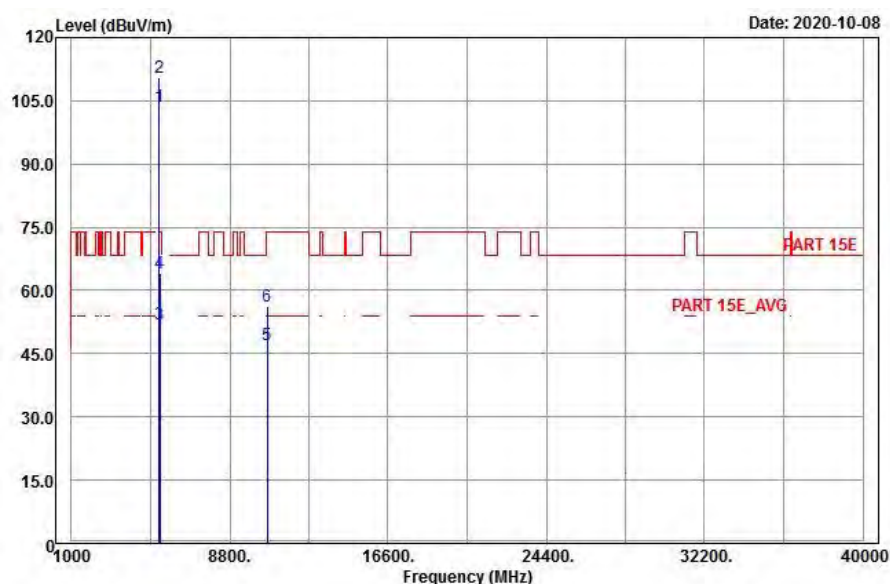


EUT Test Condition		Measurement Detail	
Channel	Channel 64	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



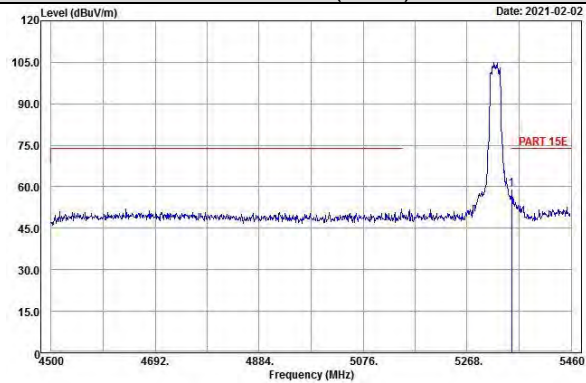
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5320	100.37	90.28	10.09			195	345	Average
5320	107.08	96.99	10.09			195	345	Peak
5350	47.12	36.89	10.23	54	-6.88	195	345	Average
5350	59.21	48.98	10.23	74	-14.79	195	345	Peak
10640	47.11	31.12	15.99	54	-6.89	185	55	Average
10640	55.66	39.67	15.99	74	-18.34	185	55	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5320	103.49	93.4	10.09			216	344	Average
5320	110.46	100.37	10.09			216	344	Peak
5350	51.88	41.65	10.23	54	-2.12	216	344	Average
5350	64.18	53.95	10.23	74	-9.82	216	344	Peak
10640	47.14	31.15	15.99	54	-6.86	185	310	Average
10640	56.26	40.27	15.99	74	-17.74	185	310	Peak

Remarks:

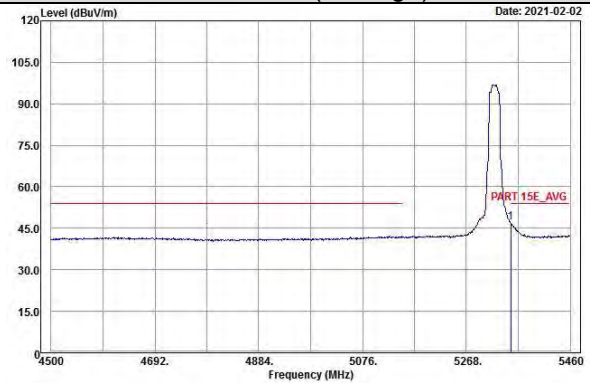
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5320 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 64

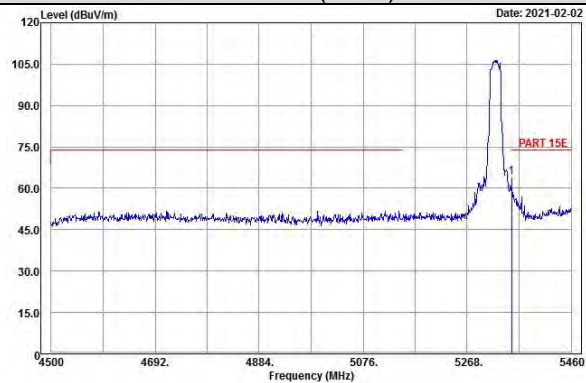
Horizontal (Peak)



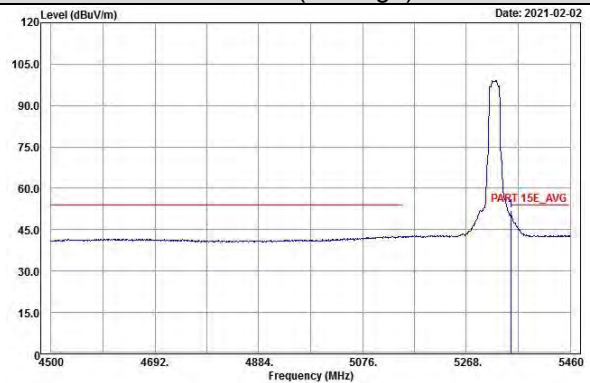
Horizontal (Average)



Vertical (Peak)

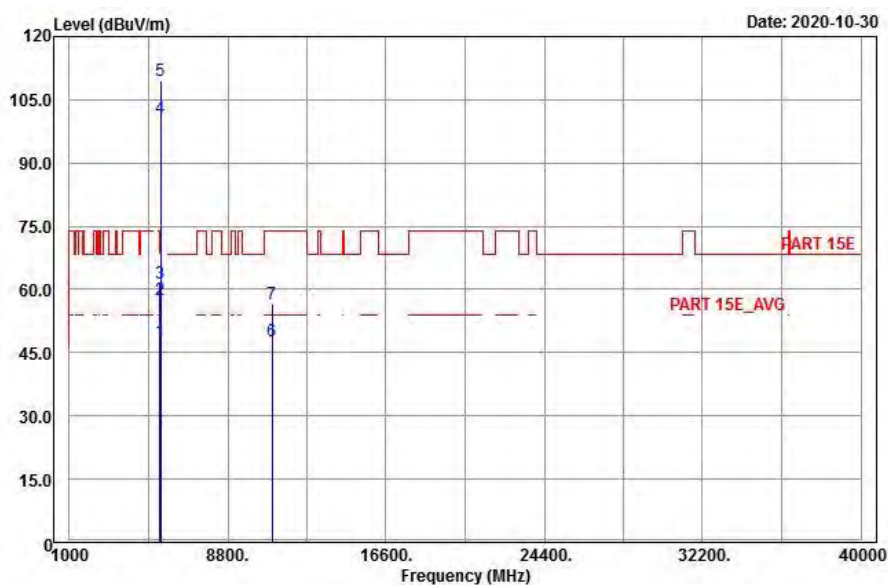


Vertical (Average)

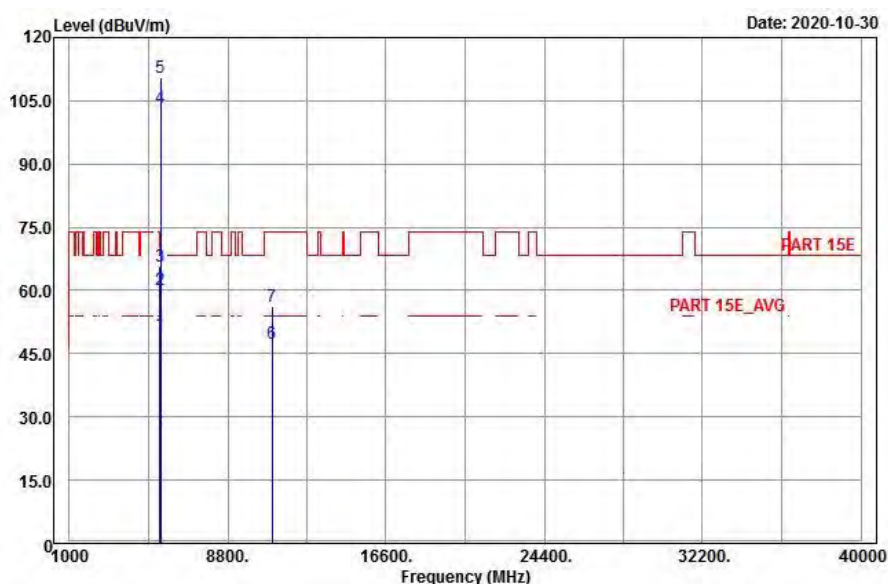


EUT Test Condition		Measurement Detail	
Channel	Channel 100	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	47.88	37.37	10.51	54	-6.12	184	336	Average
5460	57.55	47.04	10.51	74	-16.45	184	336	Peak
*5470	61.63	51.1	10.53	68.2	-6.57	184	336	Peak
5500	100.56	89.96	10.6			184	336	Average
5500	109.39	98.79	10.6			184	336	Peak
11000	47.72	31.59	16.13	54	-6.28	185	154	Average
11000	56.55	40.42	16.13	74	-17.45	185	154	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

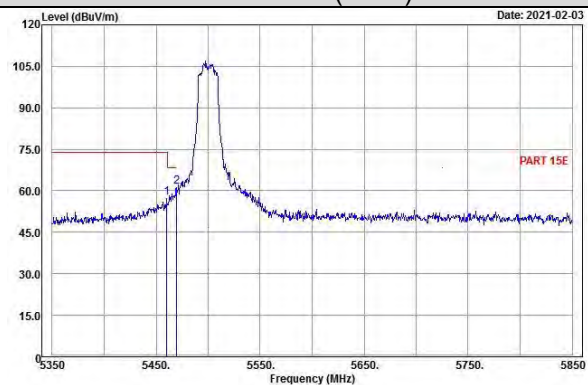
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	49.77	39.26	10.51	54	-4.23	246	11	Average
5460	60.14	49.63	10.51	74	-13.86	246	11	Peak
*5470	65.78	55.25	10.53	68.2	-2.42	246	11	Peak
5500	103.19	92.59	10.6			246	11	Average
5500	110.51	99.91	10.6			246	11	Peak
11000	47.47	31.34	16.13	54	-6.53	119	241	Average
11000	56.25	40.12	16.13	74	-17.75	119	241	Peak

Remarks:

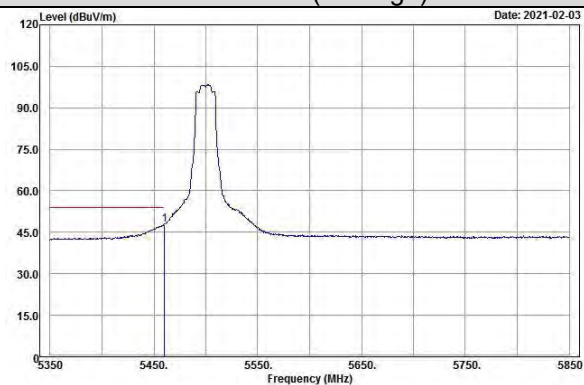
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5500 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 100

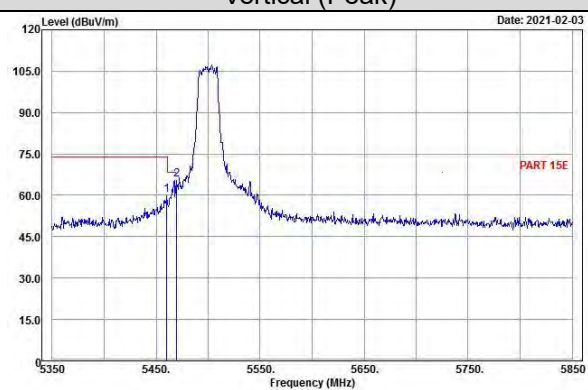
Horizontal (Peak)



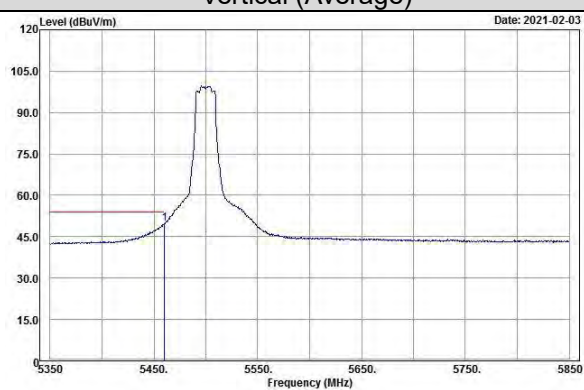
Horizontal (Average)



Vertical (Peak)

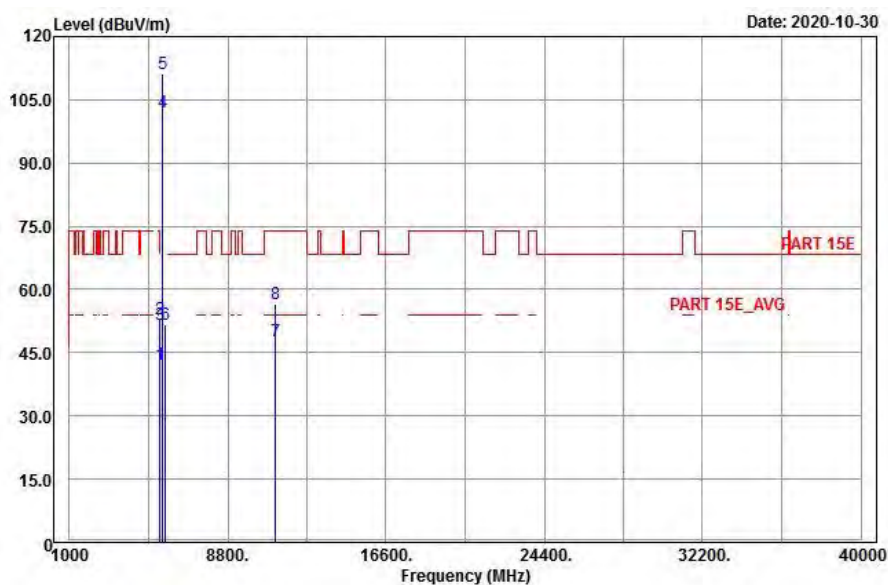


Vertical (Average)

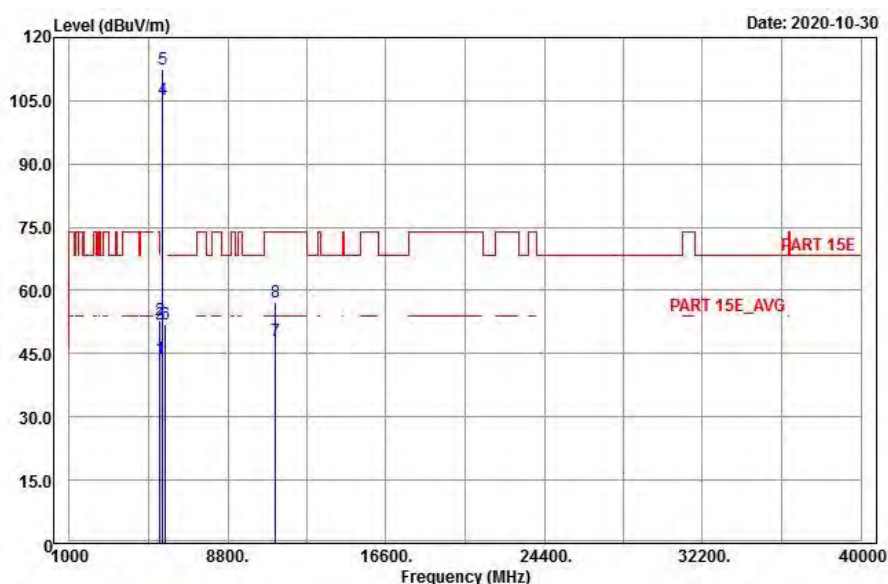


EUT Test Condition		Measurement Detail	
Channel	Channel 116	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



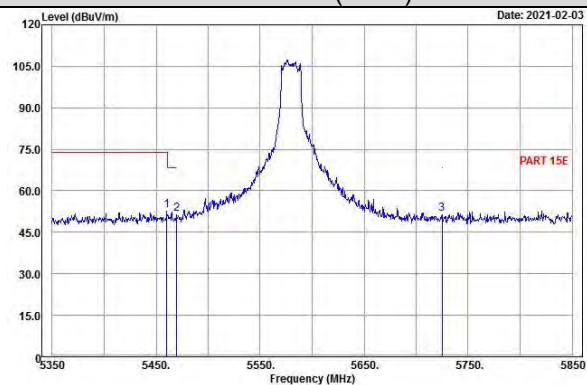
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.27	31.76	10.51	54	-11.73	184	336	Average
5460	53.11	42.6	10.51	74	-20.89	184	336	Peak
*5470	51.56	41.03	10.53	68.2	-16.64	184	336	Peak
5580	101.95	91.24	10.71			184	336	Average
5580	111.27	100.56	10.71			184	336	Peak
*5725	51.81	40.89	10.92	68.2	-16.39	184	336	Peak
11160	47.89	31.53	16.36	54	-6.11	142	215	Average
11160	56.51	40.15	16.36	74	-17.49	142	215	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.7	33.19	10.51	54	-10.3	246	11	Average
5460	52.83	42.32	10.51	74	-21.17	246	11	Peak
*5470	52.1	41.57	10.53	68.2	-16.1	246	11	Peak
5580	105.34	94.63	10.71			246	11	Average
5580	112.42	101.71	10.71			246	11	Peak
*5725	51.97	41.05	10.92	68.2	-16.23	246	11	Peak
11160	48.08	31.72	16.36	54	-5.92	215	222	Average
11160	57.21	40.85	16.36	74	-16.79	215	222	Peak

Remarks:

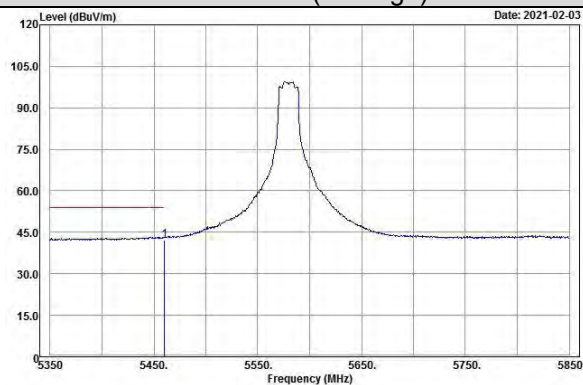
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5580 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 116

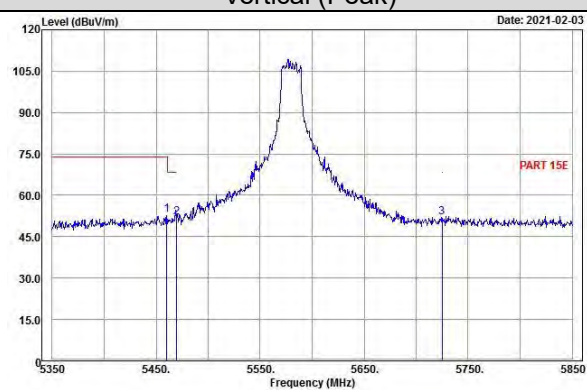
Horizontal (Peak)



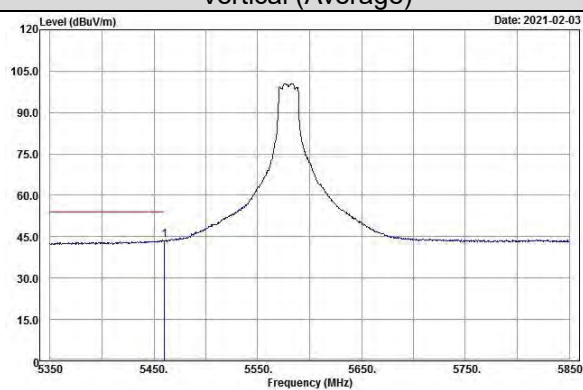
Horizontal (Average)



Vertical (Peak)

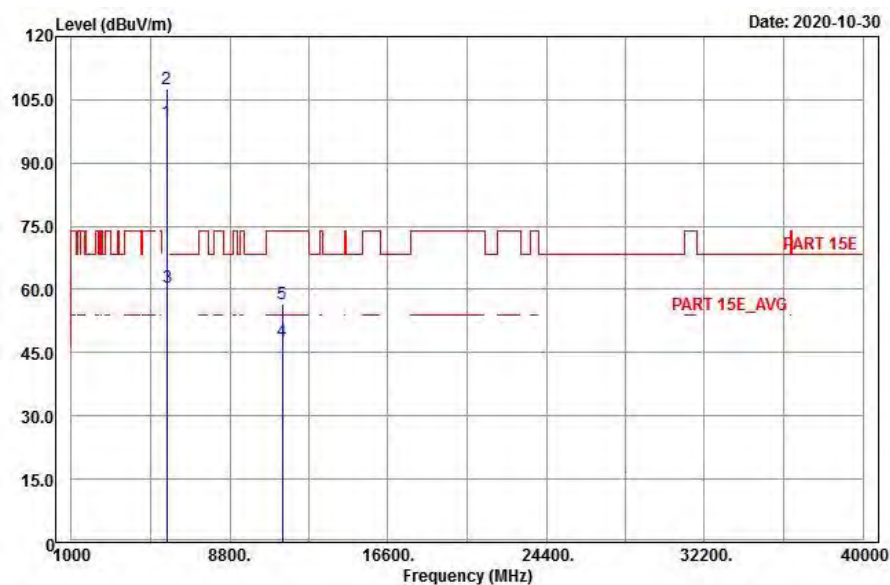


Vertical (Average)

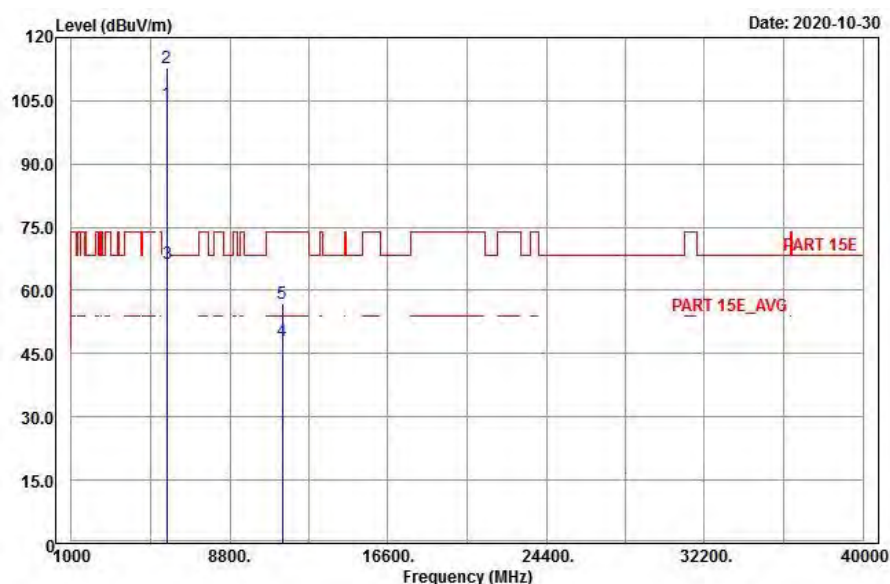


EUT Test Condition		Measurement Detail	
Channel	Channel 140	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



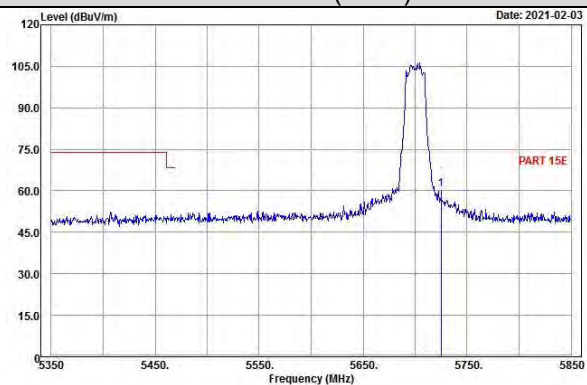
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5700	99.59	88.64	10.95			184	336	Average
5700	107.56	96.61	10.95			184	336	Peak
*5725	60.43	49.51	10.92	68.2	-7.77	184	336	Peak
11400	47.83	31.64	16.19	54	-6.17	142	2	Average
11400	56.4	40.21	16.19	74	-17.6	142	2	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5700	104.2	93.25	10.95			230	44	Average
5700	112.92	101.97	10.95			230	44	Peak
*5725	66.36	55.44	10.92	68.2	-1.84	230	44	Peak
11400	48.01	31.82	16.19	54	-5.99	114	174	Average
11400	56.78	40.59	16.19	74	-17.22	114	174	Peak

Remarks:

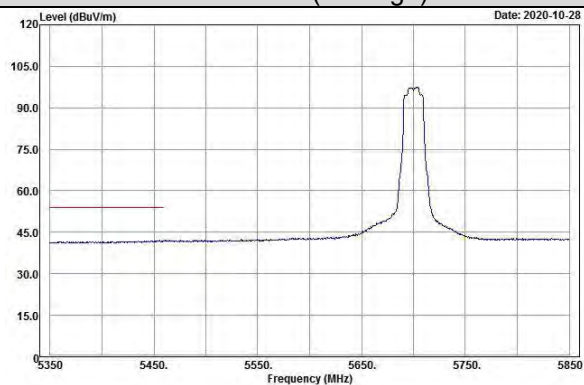
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5700 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 140

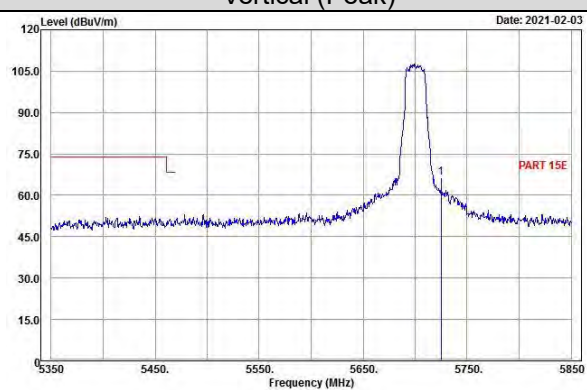
Horizontal (Peak)



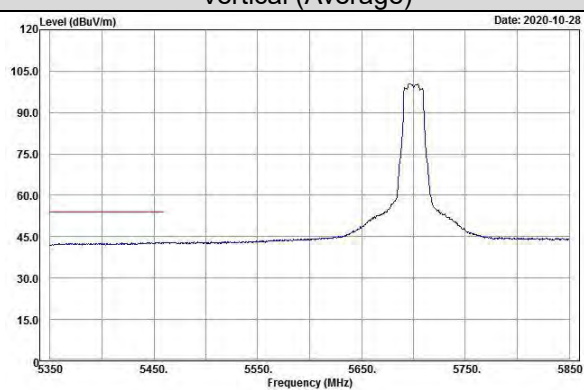
Horizontal (Average)



Vertical (Peak)

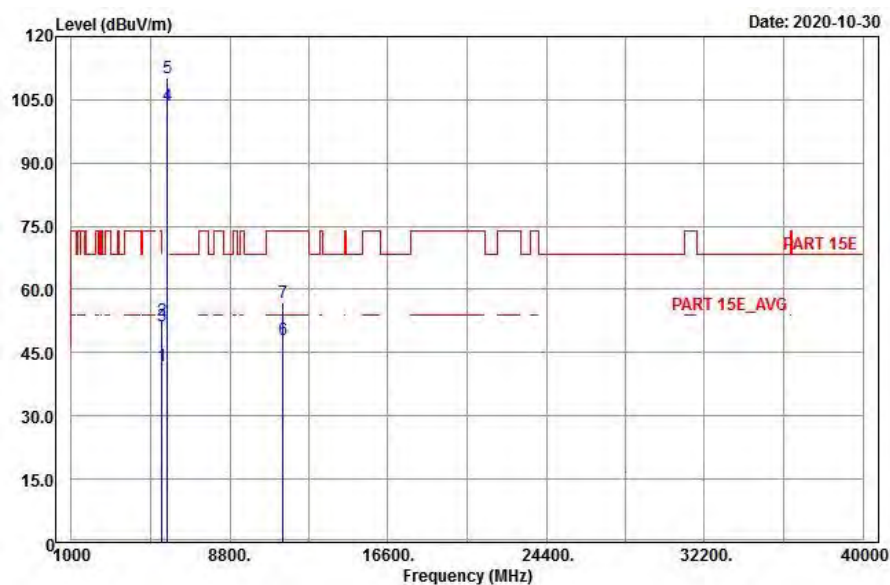


Vertical (Average)

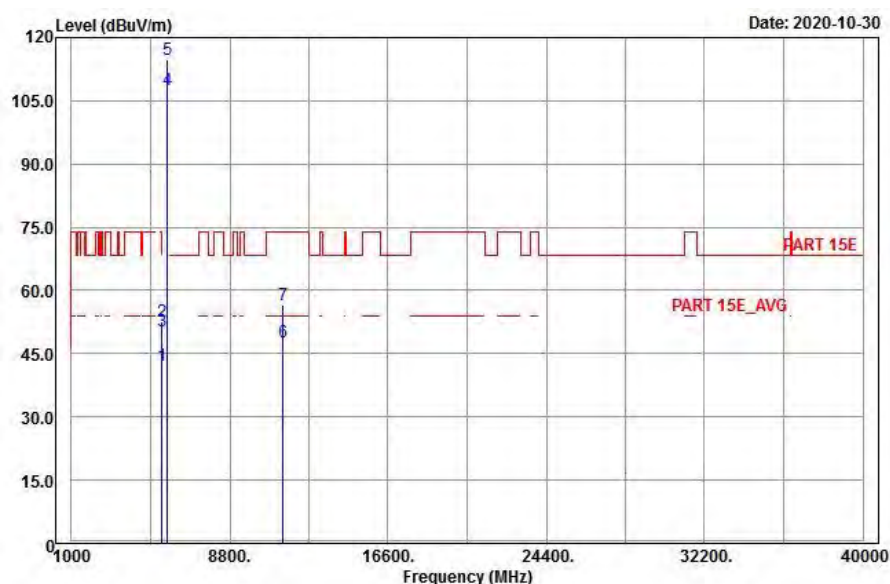


EUT Test Condition		Measurement Detail	
Channel	Channel 144	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



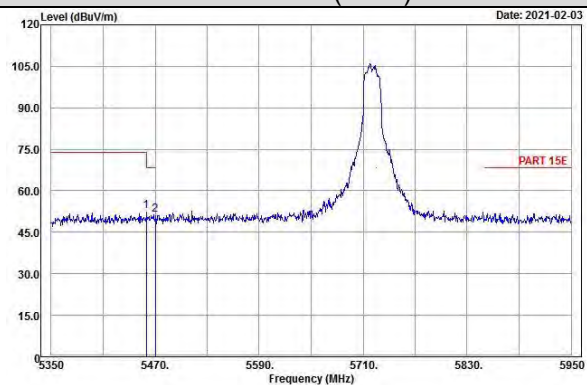
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	41.84	31.33	10.51	54	-12.16	184	343	Average
5460	52.66	42.15	10.51	74	-21.34	184	343	Peak
*5470	51.18	40.65	10.53	68.2	-17.02	184	343	Peak
5720	103.69	92.77	10.92			184	343	Average
5720	110.3	99.38	10.92			184	343	Peak
11440	47.97	31.68	16.29	54	-6.03	134	260	Average
11440	56.8	40.51	16.29	74	-17.2	134	260	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.18	31.67	10.51	54	-11.82	246	11	Average
5460	52.57	42.06	10.51	74	-21.43	246	11	Peak
*5470	50.47	39.94	10.53	68.2	-17.73	246	11	Peak
5720	107.48	96.56	10.92			246	11	Average
5720	114.62	103.7	10.92			246	11	Peak
11440	47.62	31.33	16.29	54	-6.38	148	88	Average
11440	56.54	40.25	16.29	74	-17.46	148	88	Peak

Remarks:

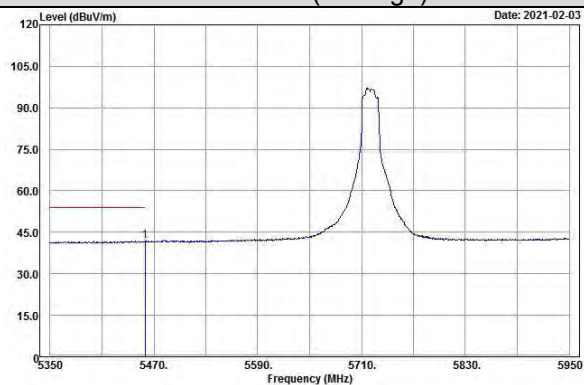
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5720 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 144

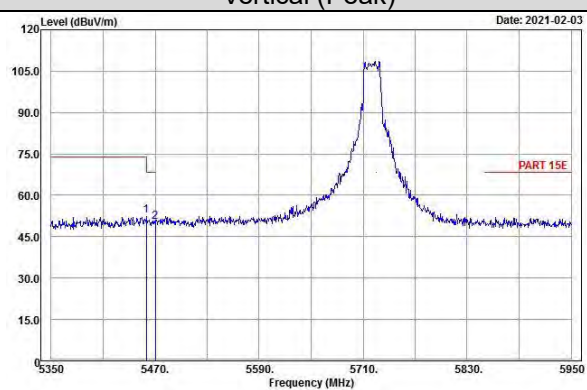
Horizontal (Peak)



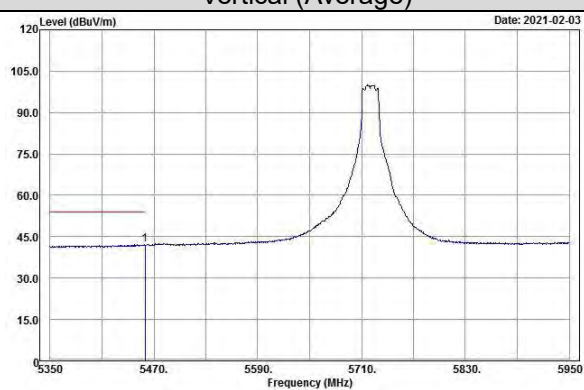
Horizontal (Average)



Vertical (Peak)

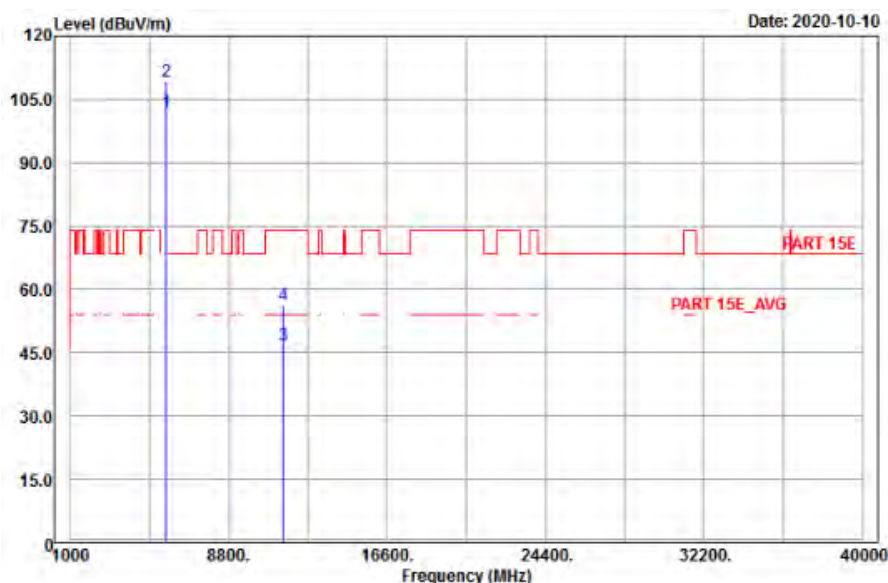


Vertical (Average)

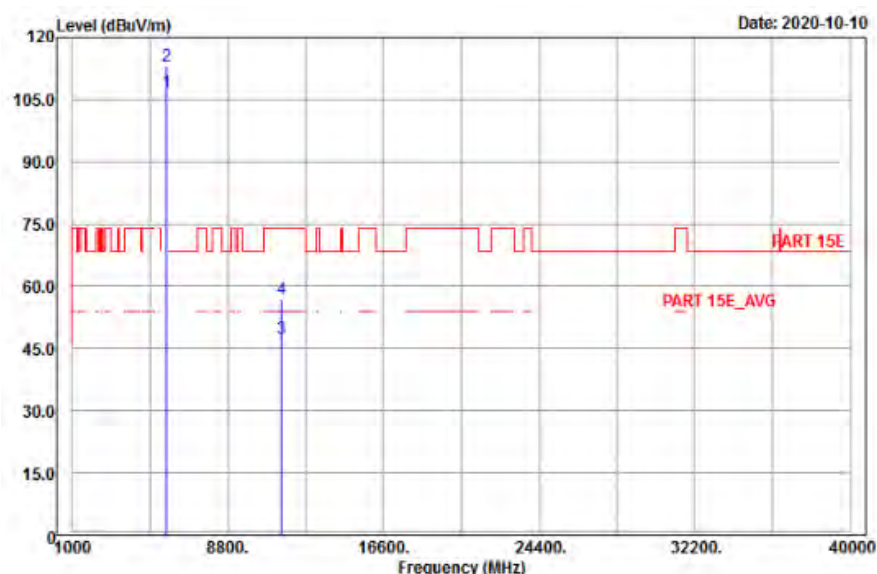


EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

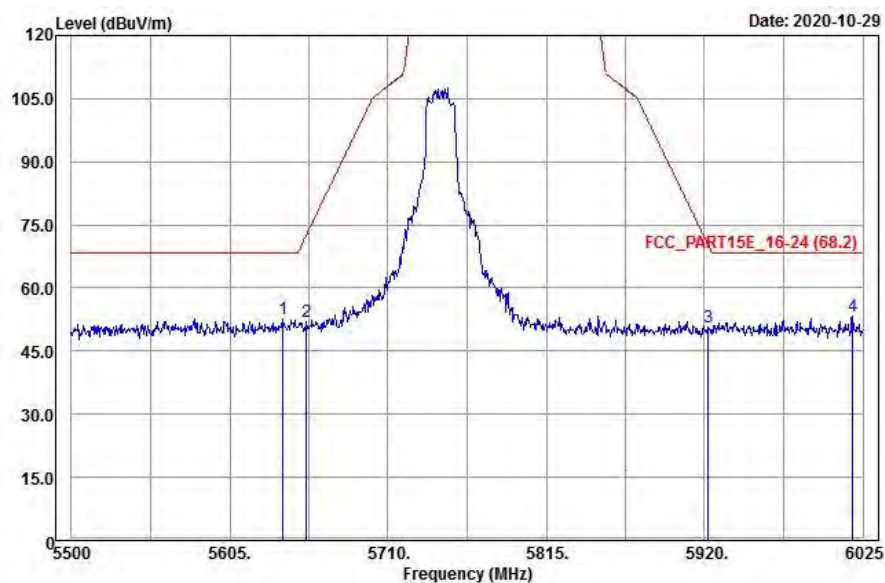
<Spurious Emission> Horizontal



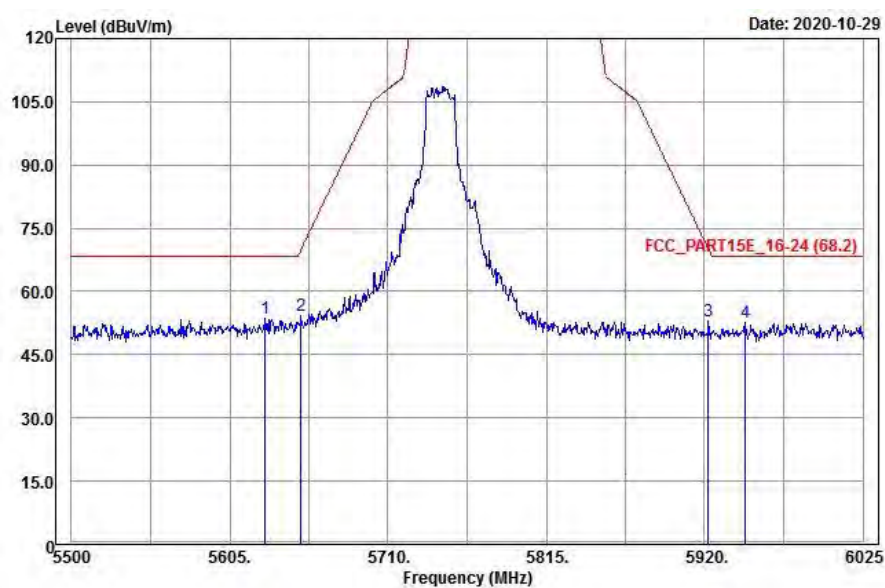
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5745	102.11	91.23	10.88			212	337	Average
5745	109.13	98.25	10.88			212	337	Peak
11490	46.61	30.14	16.47	54	-7.39	124	189	Average
11490	56.2	39.73	16.47	74	-17.8	124	189	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5745	106.95	96.07	10.88			220	47	Average
5745	113.25	102.37	10.88			220	47	Peak
11490	47.38	30.91	16.47	54	-6.62	275	56	Average
11490	56.92	40.45	16.47	74	-17.08	275	56	Peak

<Out of Band Emission (OOBE)>

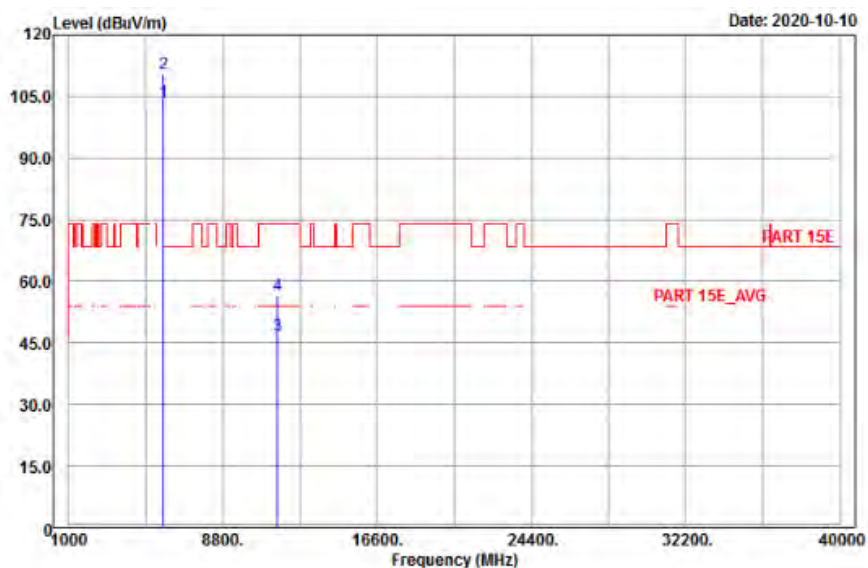
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5640.175	52.79	41.96	10.83	68.2	-15.41	212	337	Peak
5655.925	52.07	41.2	10.87	72.58	-20.51	212	337	Peak
5922.625	50.8	39.69	11.11	69.96	-19.16	212	337	Peak
*6018.175	53.39	42.04	11.35	68.2	-14.81	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5628.625	53.76	42.95	10.81	68.2	-14.44	220	47	Peak
5652.25	54.14	43.27	10.87	69.86	-15.72	220	47	Peak
5922.625	52.94	41.83	11.11	69.96	-17.02	220	47	Peak
*5947.3	52.61	41.43	11.18	68.2	-15.59	220	47	Peak

Remarks:

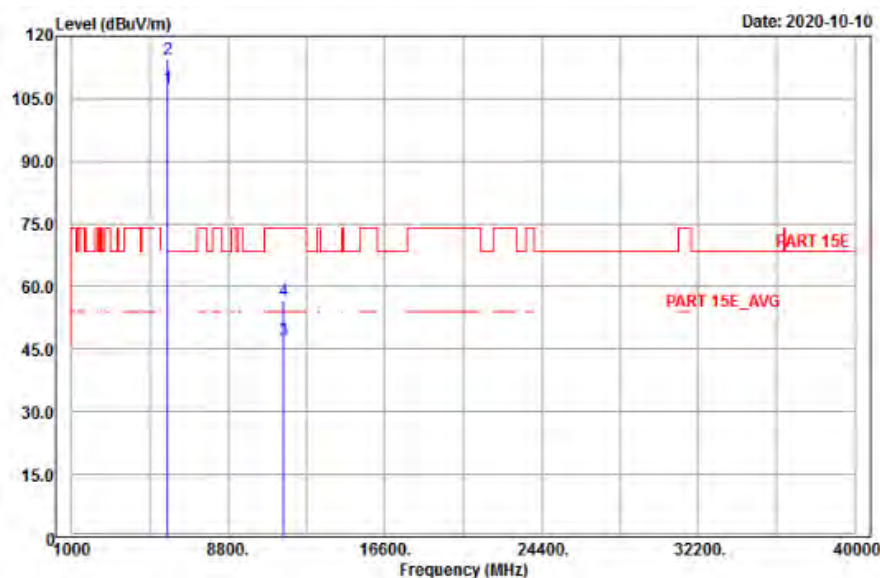
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5745 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

EUT Test Condition		Measurement Detail	
Channel	Channel 157	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

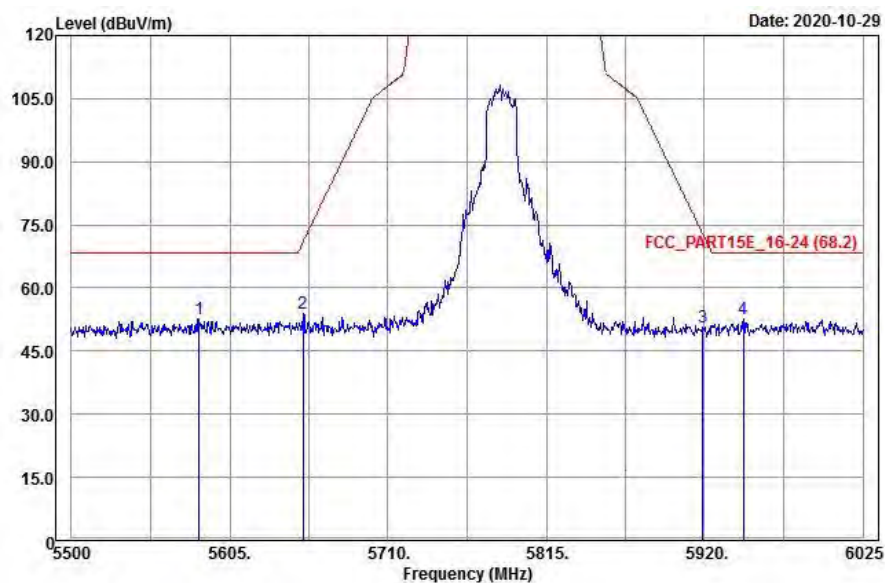
<Spurious Emission> Horizontal



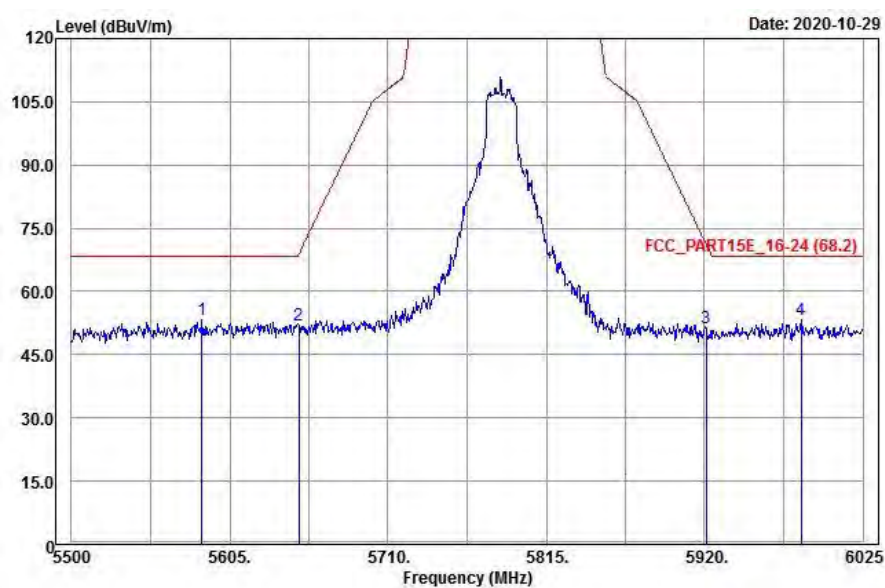
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5785	103.66	92.85	10.81			212	337	Average
5785	110.53	99.72	10.81			212	337	Peak
11570	46.84	30.35	16.49	54	-7.16	161	177	Average
11570	56.57	40.08	16.49	74	-17.43	161	177	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5785	107.44	96.63	10.81			220	47	Average
5785	114.5	103.69	10.81			220	47	Peak
11570	47.06	30.57	16.49	54	-6.94	120	187	Average
11570	56.61	40.12	16.49	74	-17.39	120	187	Peak

<Out of Band Emission (OOBE)>

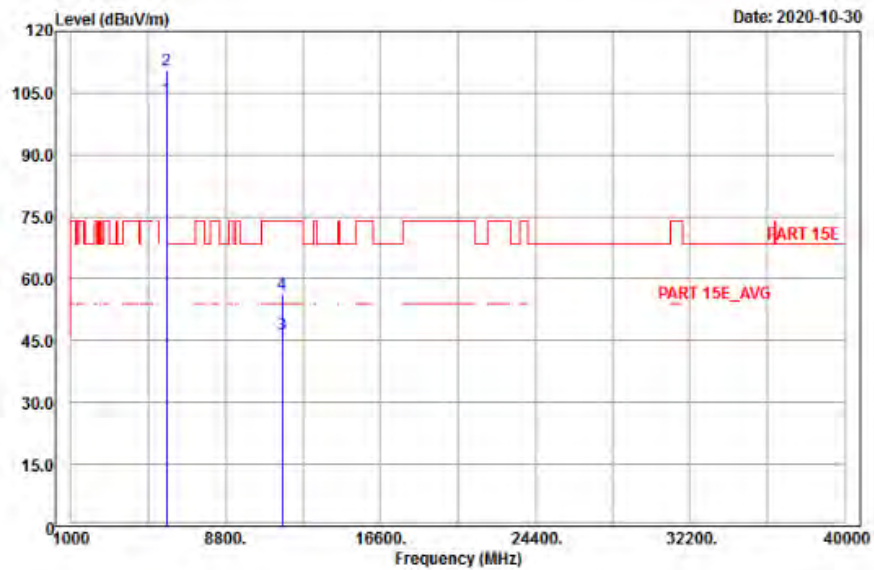
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5584.525	52.71	41.98	10.73	68.2	-15.49	212	337	Peak
5653.825	53.87	43	10.87	71.03	-17.16	212	337	Peak
5918.95	50.61	39.52	11.09	72.68	-22.07	212	337	Peak
*5945.725	52.75	41.57	11.18	68.2	-15.45	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5586.625	53.35	42.62	10.73	68.2	-14.85	220	47	Peak
5650.675	52.11	41.24	10.87	68.7	-16.59	220	47	Peak
5921.05	51.2	40.11	11.09	71.12	-19.92	220	47	Peak
*5984.05	53.33	42.07	11.26	68.2	-14.87	220	47	Peak

Remarks:

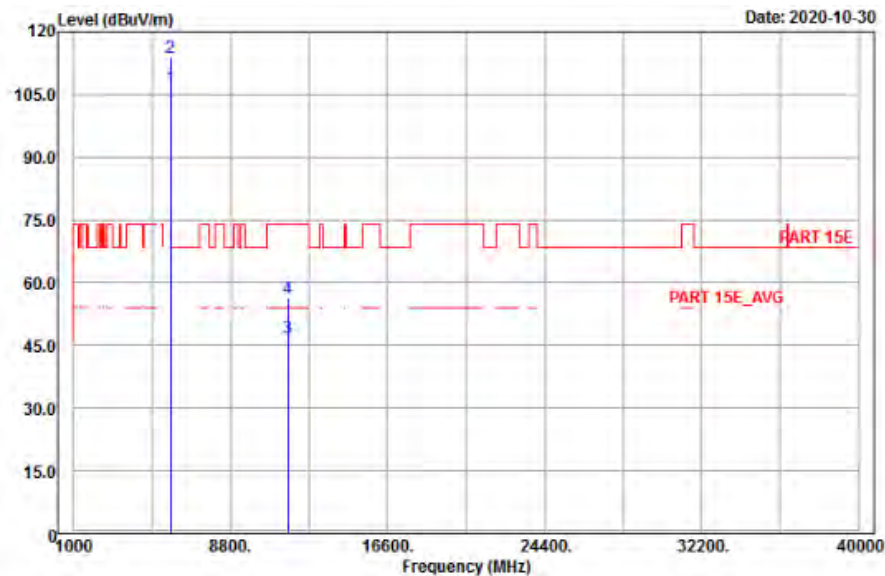
1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
2. 5785 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

EUT Test Condition		Measurement Detail	
Channel	Channel 165	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

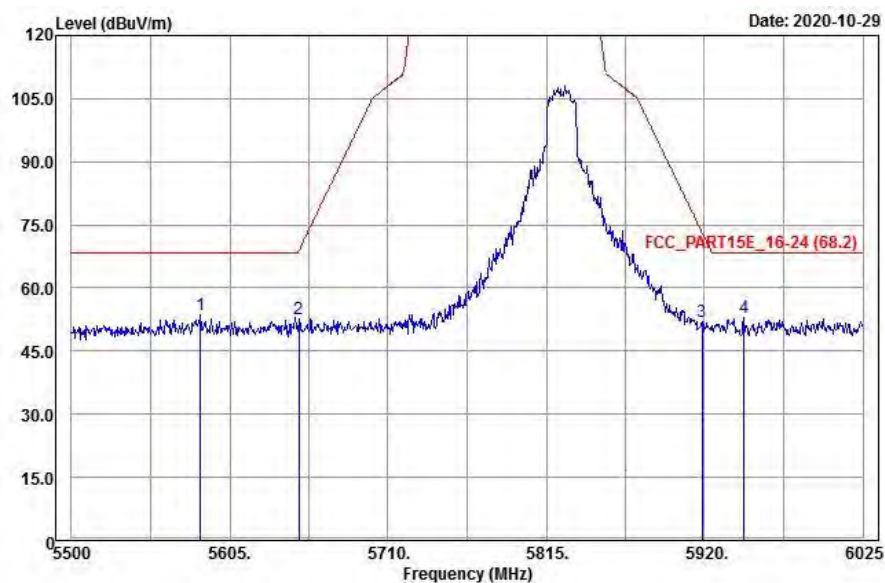
<Spurious Emission> Horizontal



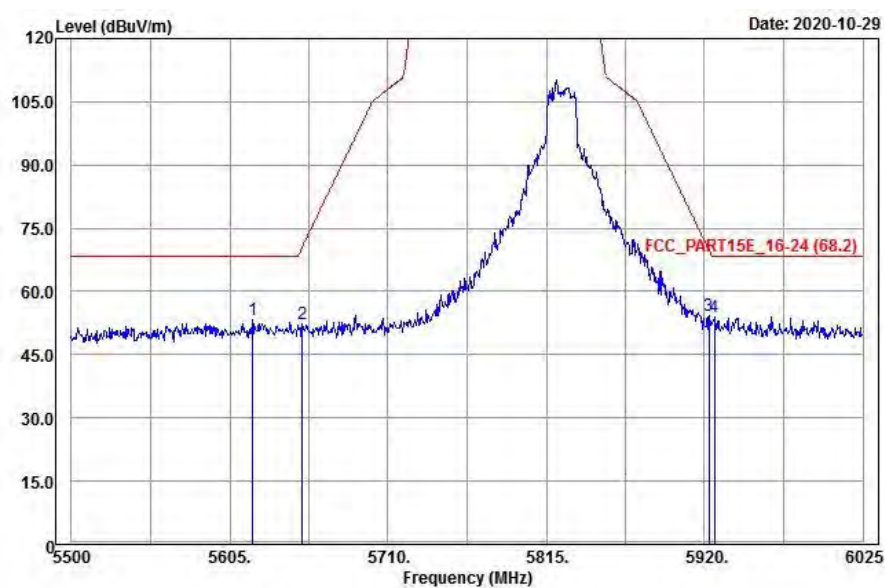
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5825	103.64	92.76	10.88			212	337	Average
5825	110.58	99.7	10.88			212	337	Peak
11650	46.47	29.69	16.78	54	-7.53	184	117	Average
11650	56.24	39.46	16.78	74	-17.76	184	117	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5825	106.51	95.63	10.88			220	47	Average
5825	113.81	102.93	10.88			220	47	Peak
11650	46.69	29.91	16.78	54	-7.31	105	241	Average
11650	56.17	39.39	16.78	74	-17.83	105	241	Peak

<Out of Band Emission (OOBE)>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5585.575	53.69	42.96	10.73	68.2	-14.51	212	337	Peak
5651	52.66	41.79	10.87	68.94	-16.28	212	337	Peak
5918.425	52.01	40.92	11.09	73.07	-21.06	212	337	Peak
*5946.25	52.88	41.7	11.18	68.2	-15.32	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5620.225	53.19	42.4	10.79	68.2	-15.01	220	47	Peak
5653.3	52.28	41.41	10.87	70.64	-18.36	220	47	Peak
5923.15	54.27	43.16	11.11	69.57	-15.3	220	47	Peak
*5926.825	54.08	42.97	11.11	68.2	-14.12	220	47	Peak

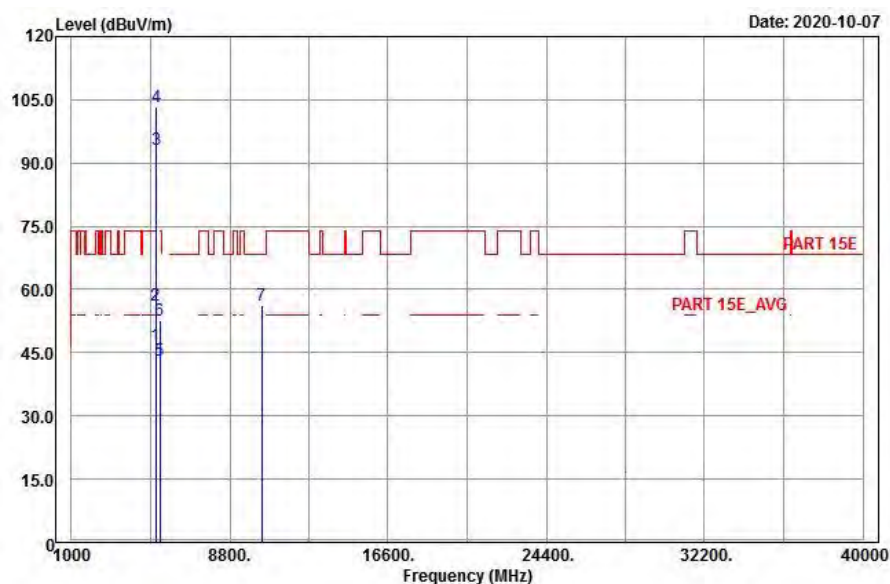
Remarks:

1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
2. 5825 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

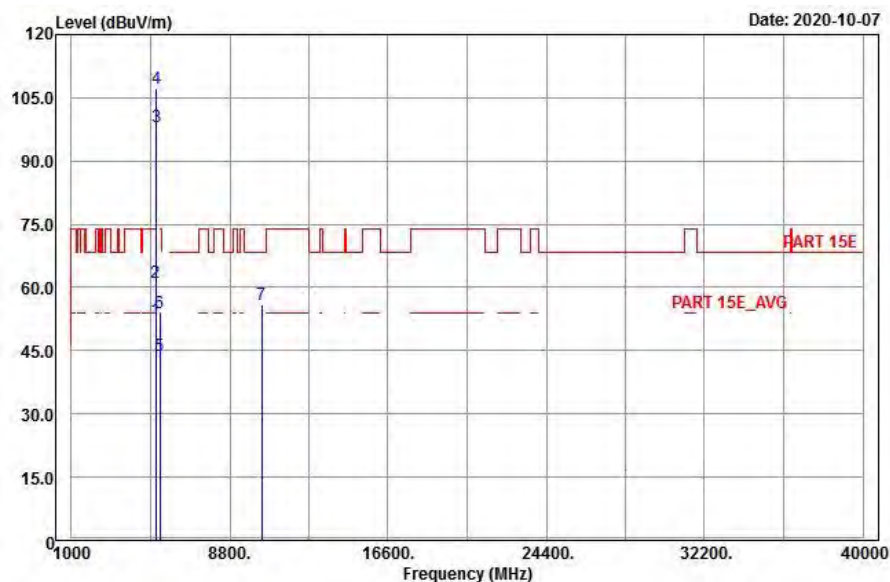
802.11ax (HE40)

EUT Test Condition		Measurement Detail	
Channel	Channel 38	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	46.74	36.69	10.05	54	-7.26	100	279	Average
5150	56.15	46.1	10.05	74	-17.85	100	279	Peak
5190	93.04	82.92	10.12			100	279	Average
5190	103.21	93.09	10.12			100	279	Peak
5350	43.14	32.91	10.23	54	-10.86	100	279	Average
5350	52.78	42.55	10.23	74	-21.22	100	279	Peak
*10380	56.34	40.24	16.1	68.2	-11.86	164	4	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

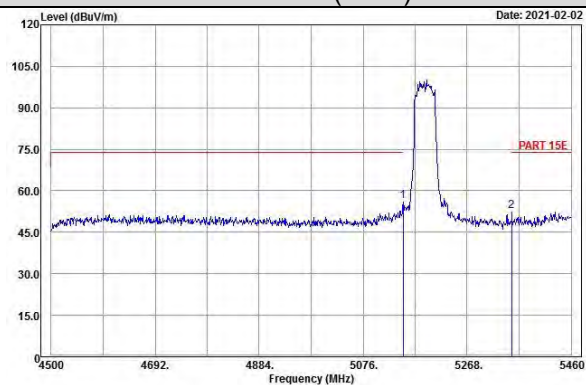
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	52.35	42.3	10.05	54	-1.65	217	340	Average
5150	61.08	51.03	10.05	74	-12.92	217	340	Peak
5190	98.22	88.1	10.12			217	340	Average
5190	107.38	97.26	10.12			217	340	Peak
5350	43.84	33.61	10.23	54	-10.16	217	340	Average
5350	53.99	43.76	10.23	74	-20.01	217	340	Peak
*10380	56	39.9	16.1	68.2	-12.2	118	274	Peak

Remarks:

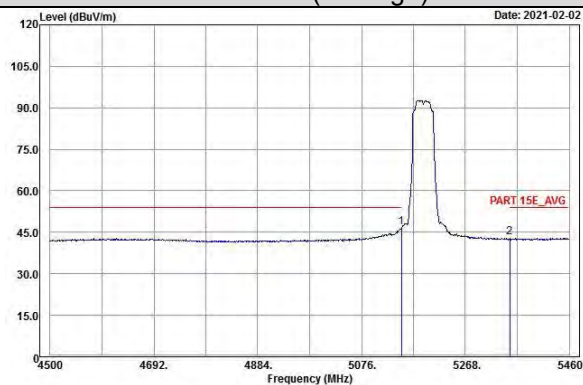
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5190 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 38

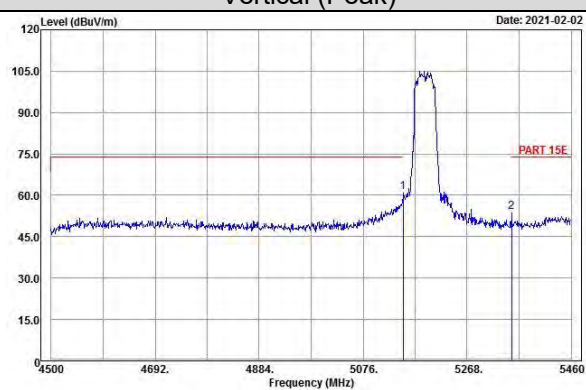
Horizontal (Peak)



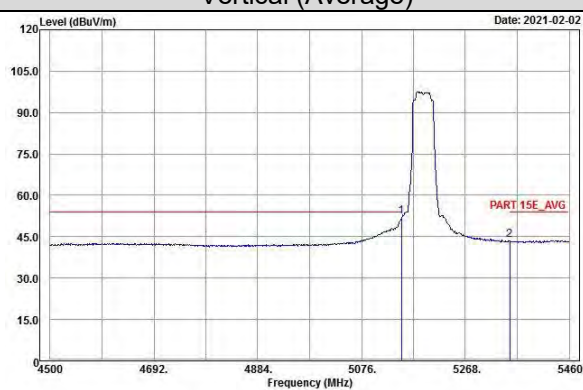
Horizontal (Average)



Vertical (Peak)

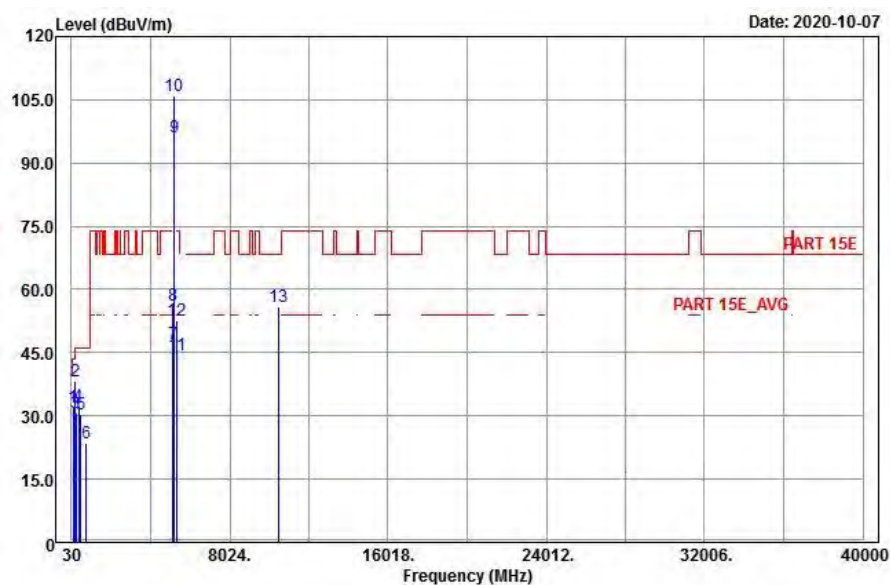


Vertical (Average)

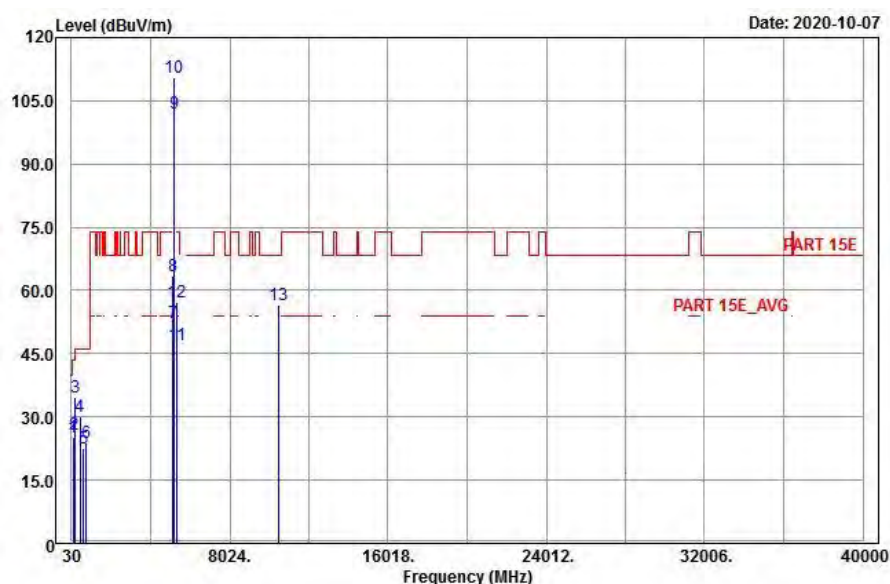


EUT Test Condition		Measurement Detail	
Channel	Channel 46	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
127.47	32.15	52.34	-20.19	43.5	-11.35	105	255	Peak
223.32	38.39	56.1	-17.71	46	-7.61	187	7	Peak
256.53	30.65	47.36	-16.71	46	-15.35	130	326	Peak
399.4	32.21	46.15	-13.94	46	-13.79	154	255	Peak
490.4	30.28	42.77	-12.49	46	-15.72	164	222	Peak
768.3	23.58	31.84	-8.26	46	-22.42	162	344	Peak
5150	46.95	36.9	10.05	54	-7.05	114	279	Average
5150	56.34	46.29	10.05	74	-17.66	114	279	Peak
5230	96.21	86.07	10.14			114	279	Average
5230	105.81	95.67	10.14			114	279	Peak
5350	44.34	34.11	10.23	54	-9.66	114	279	Average
5350	52.78	42.55	10.23	74	-21.22	114	279	Peak
*10460	55.81	39.81	16	68.2	-12.39	178	8	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

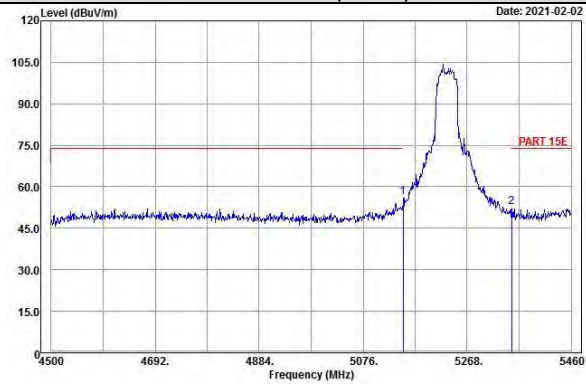
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
128.01	25.3	45.58	-20.28	43.5	-18.2	191	117	Peak
183.09	25.72	45.06	-19.34	43.5	-17.78	183	9	Peak
222.24	34.65	52.41	-17.76	46	-11.35	154	14	Peak
472.2	30.22	43.12	-12.9	46	-15.78	142	232	Peak
639.5	22.56	32.86	-10.3	46	-23.44	182	280	Peak
768.3	23.75	32.01	-8.26	46	-22.25	250	241	Peak
5150	52.44	42.39	10.05	54	-1.56	217	350	Average
5150	63.43	53.38	10.05	74	-10.57	217	350	Peak
5230	101.9	91.76	10.14			217	350	Average
5230	110.63	100.49	10.14			217	350	Peak
5350	46.95	36.72	10.23	54	-7.05	217	350	Average
5350	57.19	46.96	10.23	74	-16.81	217	350	Peak
*10460	56.56	40.56	16	68.2	-11.64	118	211	Peak

Remarks:

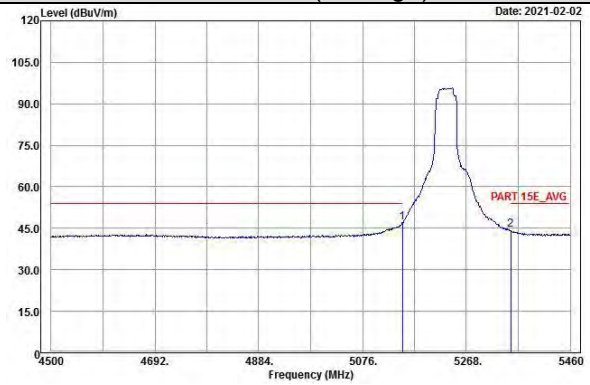
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5230 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 46

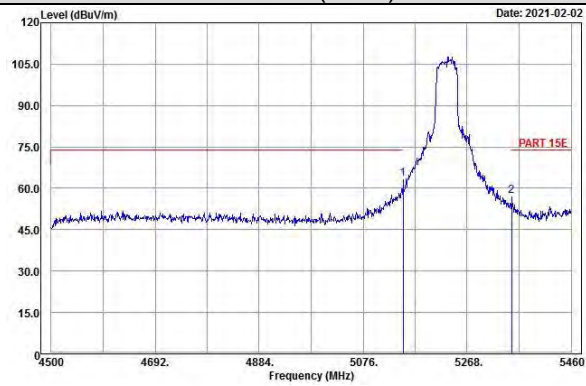
Horizontal (Peak)



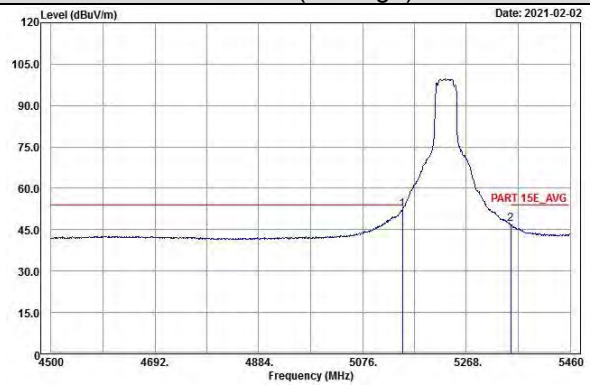
Horizontal (Average)



Vertical (Peak)

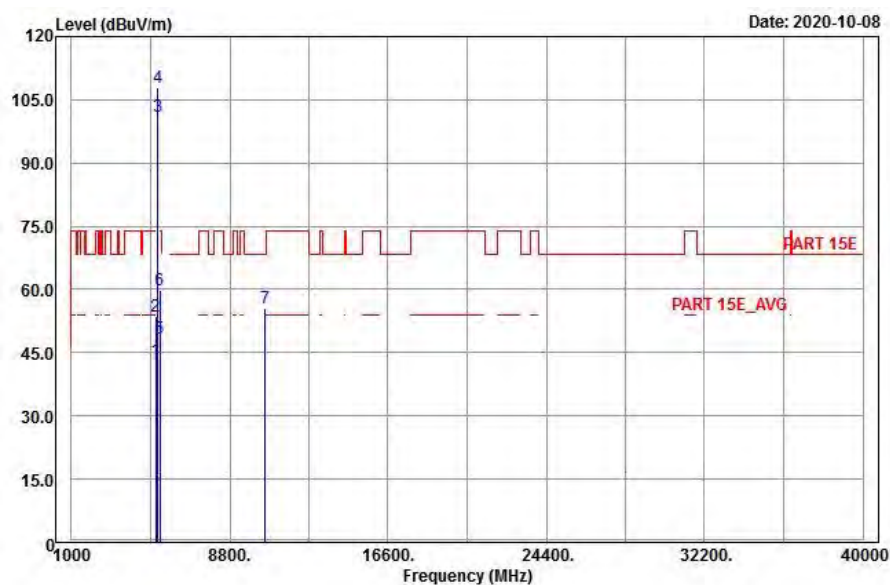


Vertical (Average)

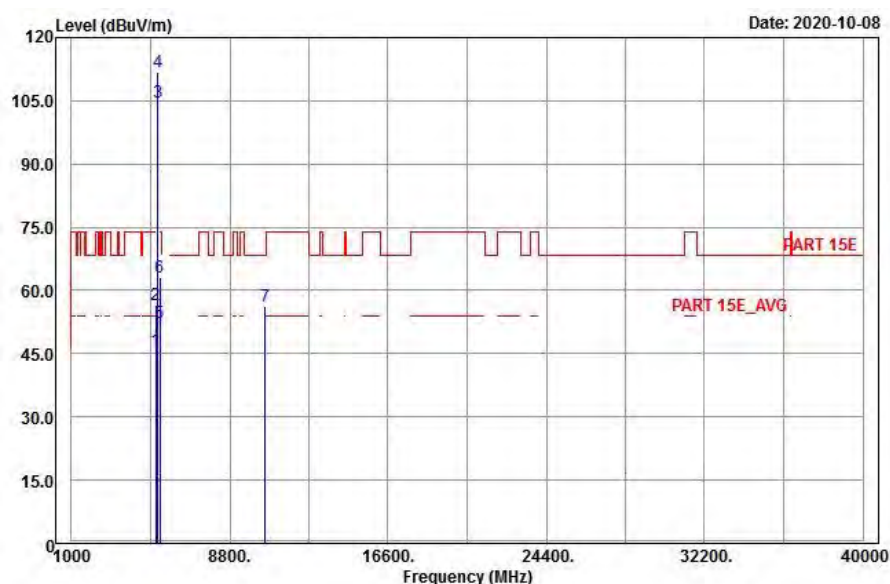


EUT Test Condition		Measurement Detail	
Channel	Channel 54	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



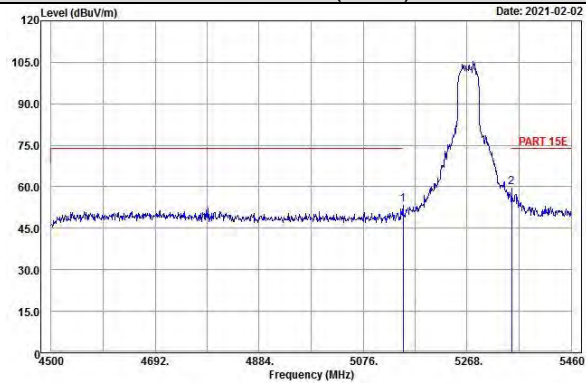
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	43.15	33.1	10.05	54	-10.85	192	345	Average
5150	53.53	43.48	10.05	74	-20.47	192	345	Peak
5270	101.14	91.02	10.12			192	345	Average
5270	108.02	97.9	10.12			192	345	Peak
5350	48.28	38.05	10.23	54	-5.72	192	345	Average
5350	59.79	49.56	10.23	74	-14.21	192	345	Peak
*10540	55.5	39.67	15.83	68.2	-12.7	119	347	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	45.74	35.69	10.05	54	-8.26	216	344	Average
5150	56.51	46.46	10.05	74	-17.49	216	344	Peak
5270	104.64	94.52	10.12			216	344	Average
5270	111.77	101.65	10.12			216	344	Peak
5350	52.45	42.22	10.23	54	-1.55	216	344	Average
5350	63.22	52.99	10.23	74	-10.78	216	344	Peak
*10540	56.26	40.43	15.83	68.2	-11.94	124	185	Peak

Remarks:

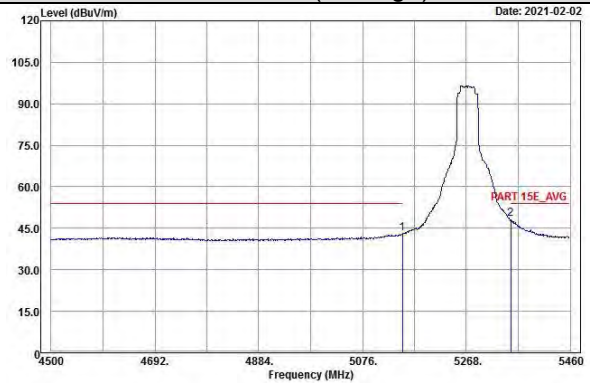
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5270 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 54

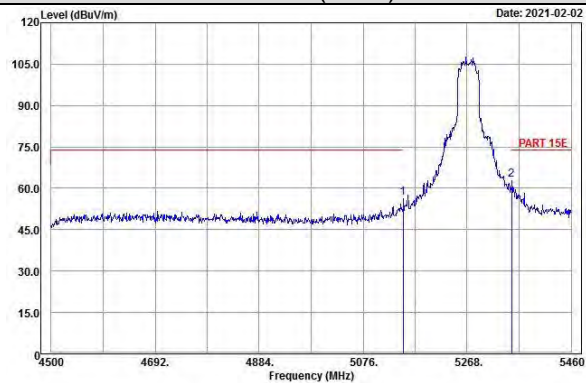
Horizontal (Peak)



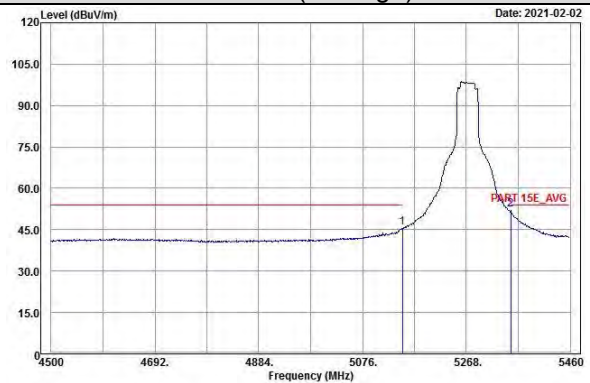
Horizontal (Average)



Vertical (Peak)

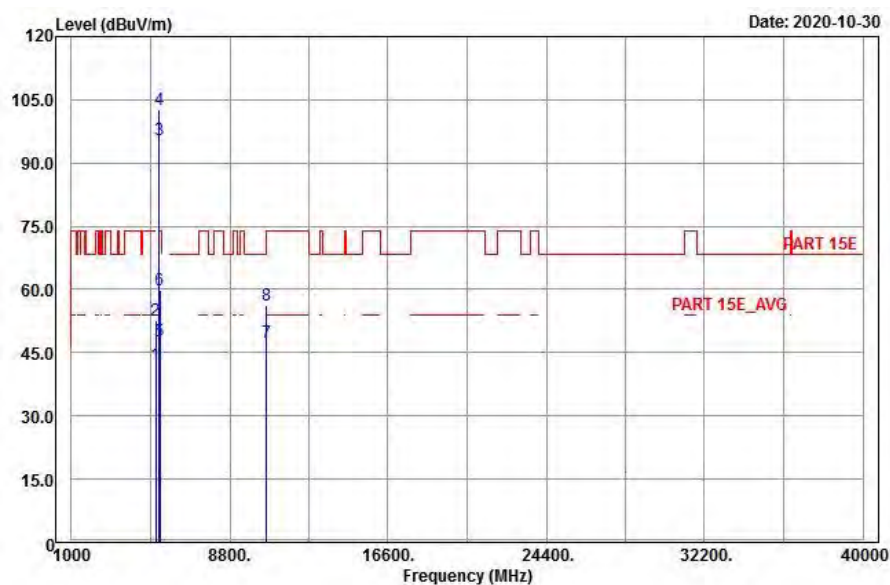


Vertical (Average)

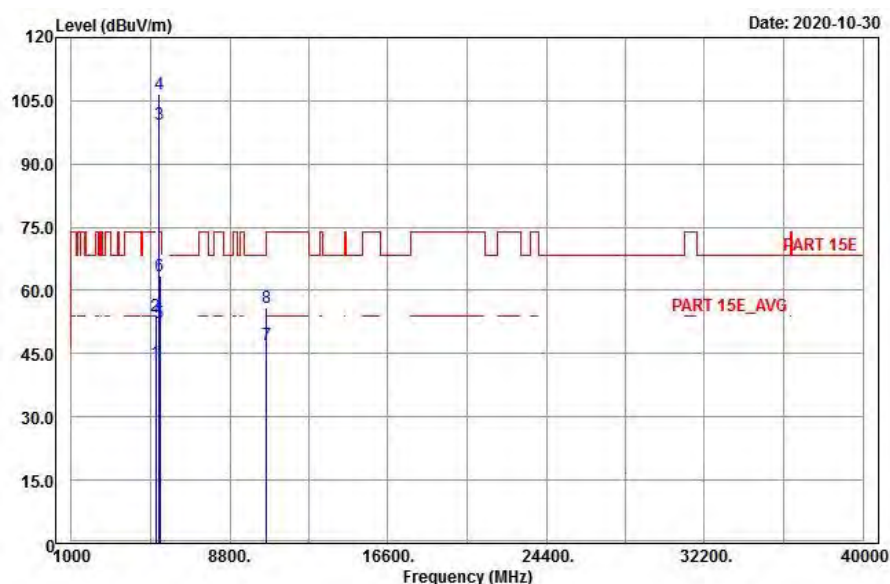


EUT Test Condition		Measurement Detail	
Channel	Channel 62	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



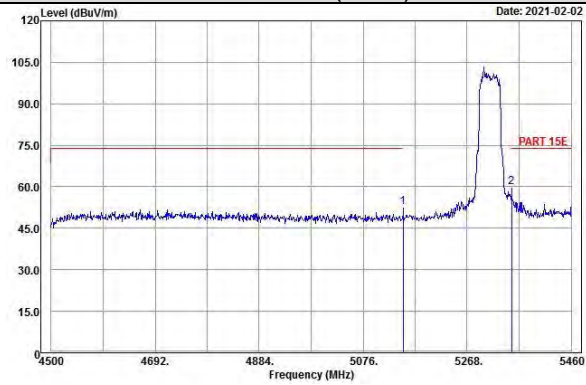
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.18	32.13	10.05	54	-11.82	192	345	Average
5150	52.6	42.55	10.05	74	-21.4	192	345	Peak
5310	95.4	85.31	10.09			192	345	Average
5310	102.77	92.68	10.09			192	345	Peak
5350	47.65	37.42	10.23	54	-6.35	192	345	Average
5350	59.82	49.59	10.23	74	-14.18	192	345	Peak
10620	47.27	31.39	15.88	54	-6.73	118	87	Average
10620	56.22	40.34	15.88	74	-17.78	118	87	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.74	32.69	10.05	54	-11.26	216	344	Average
5150	53.99	43.94	10.05	74	-20.01	216	344	Peak
5310	99.54	89.45	10.09			216	344	Average
5310	106.46	96.37	10.09			216	344	Peak
5350	52.38	42.15	10.23	54	-1.62	216	344	Average
5350	63.45	53.22	10.23	74	-10.55	216	344	Peak
10620	46.99	31.11	15.88	54	-7.01	124	174	Average
10620	55.83	39.95	15.88	74	-18.17	124	174	Peak

Remarks:

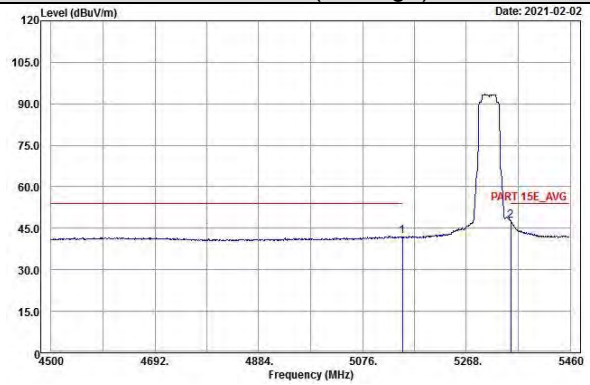
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5310 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 62

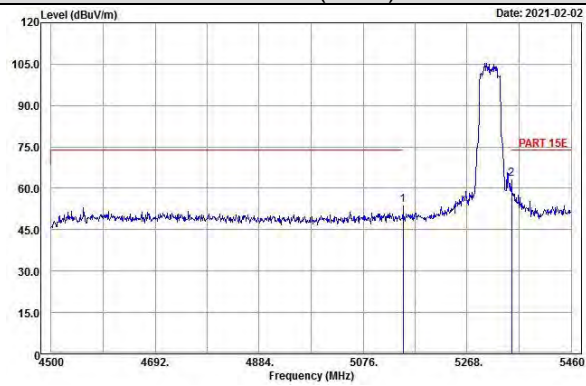
Horizontal (Peak)



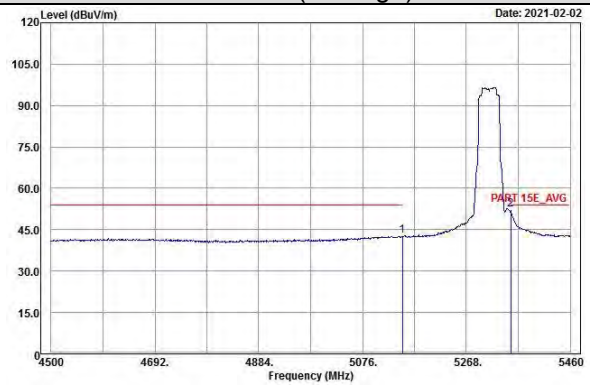
Horizontal (Average)



Vertical (Peak)

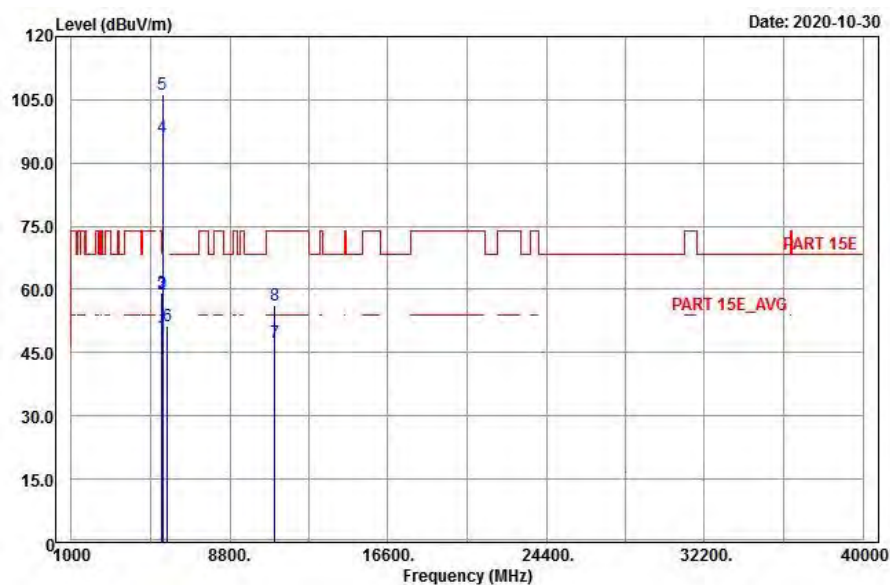


Vertical (Average)

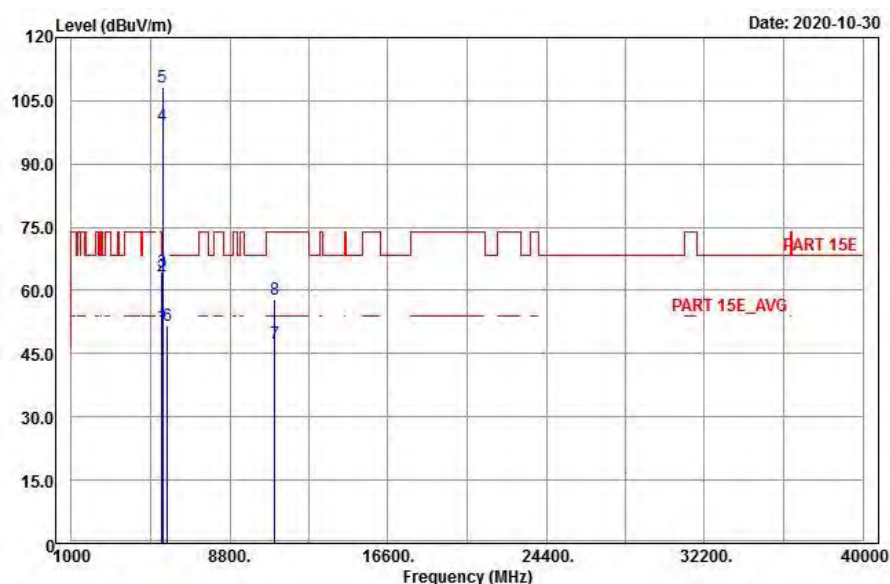


EUT Test Condition		Measurement Detail	
Channel	Channel 102	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



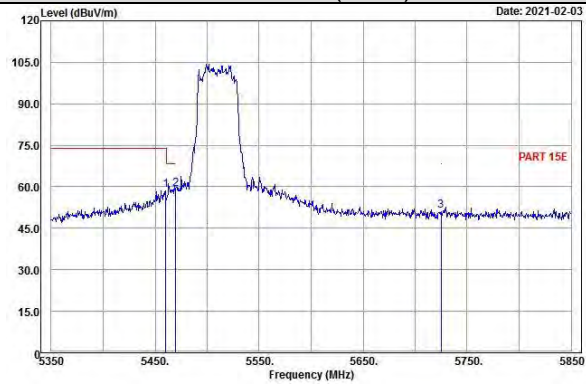
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	48.98	38.47	10.51	54	-5.02	184	338	Average
5460	58.84	48.33	10.51	74	-15.16	184	338	Peak
*5470	59.27	48.74	10.53	68.2	-8.93	184	338	Peak
5510	96.26	85.66	10.6			184	338	Average
5510	106.12	95.52	10.6			184	338	Peak
*5725	51.43	40.51	10.92	68.2	-16.77	184	338	Peak
11020	47.26	31.1	16.16	54	-6.74	134	12	Average
11020	56.24	40.08	16.16	74	-17.76	134	12	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	51.57	41.06	10.51	54	-2.43	246	11	Average
5460	63.43	52.92	10.51	74	-10.57	246	11	Peak
*5470	64.57	54.04	10.53	68.2	-3.63	246	11	Peak
5510	99.02	88.42	10.6			246	11	Average
5510	108.13	97.53	10.6			246	11	Peak
*5725	51.53	40.61	10.92		-16.67	246	11	Peak
11020	47.53	31.37	16.16	54	-6.47	161	245	Average
11020	57.72	41.56	16.16	74	-16.28	161	245	Peak

Remarks:

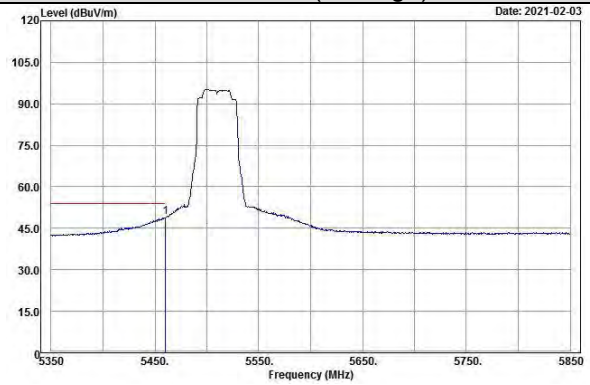
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5510 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 102

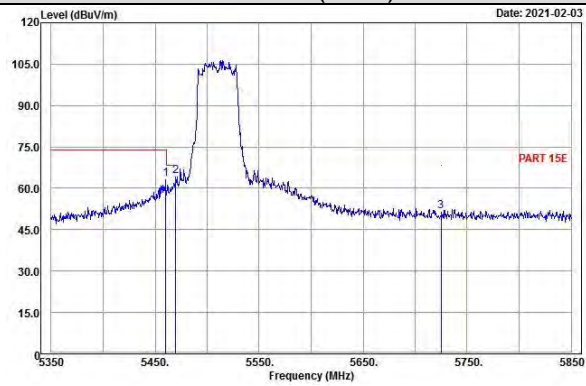
Horizontal (Peak)



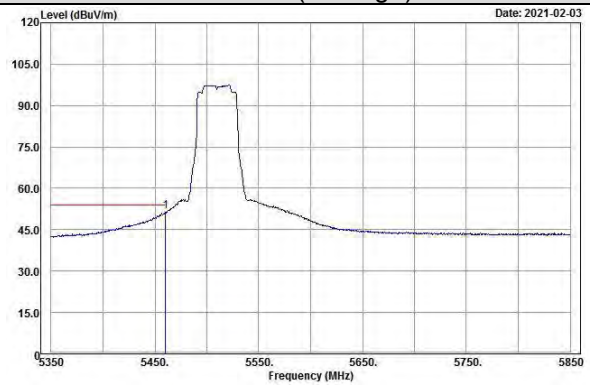
Horizontal (Average)



Vertical (Peak)

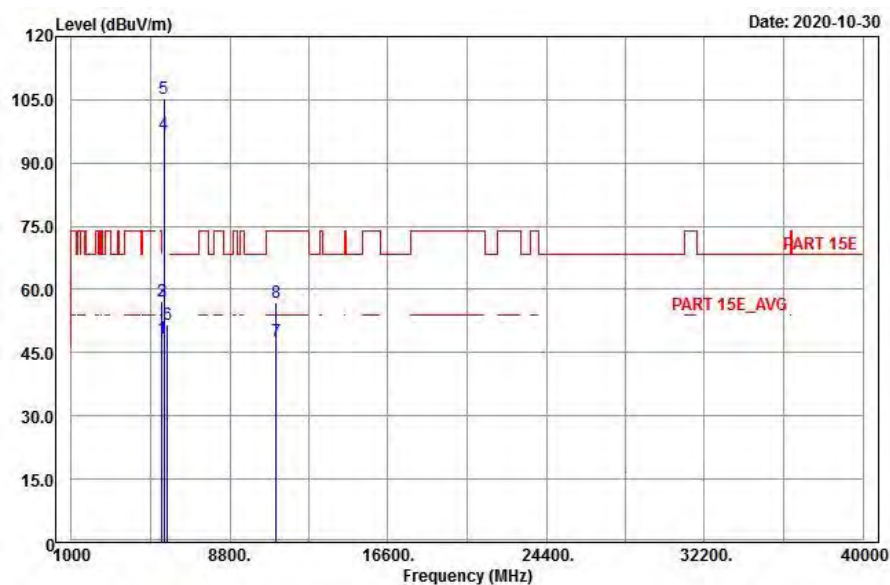


Vertical (Average)

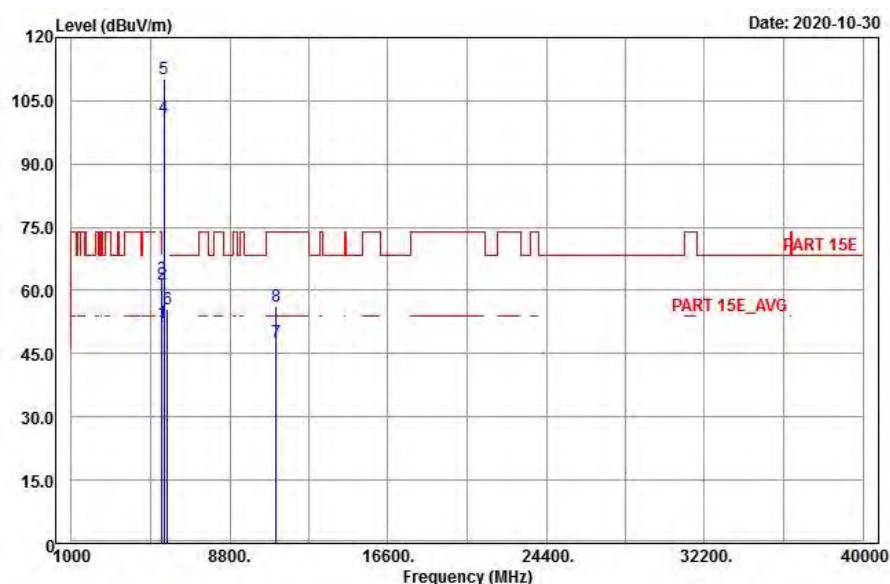


EUT Test Condition		Measurement Detail	
Channel	Channel 110	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



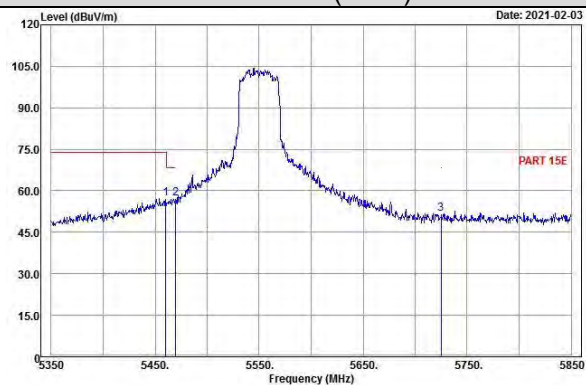
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	48.42	37.91	10.51	54	-5.58	184	340	Average
5460	57.34	46.83	10.51	74	-16.66	184	340	Peak
*5470	57.17	46.64	10.53	68.2	-11.03	184	340	Peak
5550	96.83	86.15	10.68			184	340	Average
5550	105.33	94.65	10.68			184	340	Peak
*5725	51.59	40.67	10.92	68.2	-16.61	184	340	Peak
11100	47.74	31.47	16.27	54	-6.26	185	199	Average
11100	57.02	40.75	16.27	74	-16.98	185	199	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.17	41.66	10.51	54	-1.83	246	11	Average
5460	61.56	51.05	10.51	74	-12.44	246	11	Peak
*5470	62.92	52.39	10.53	68.2	-5.28	246	11	Peak
5550	101.14	90.46	10.68			246	11	Average
5550	110.06	99.38	10.68			246	11	Peak
*5725	55.72	44.8	10.92	68.2	-12.48	246	11	Peak
11100	47.6	31.33	16.27	54	-6.4	115	165	Average
11100	56.39	40.12	16.27	74	-17.61	115	165	Peak

Remarks:

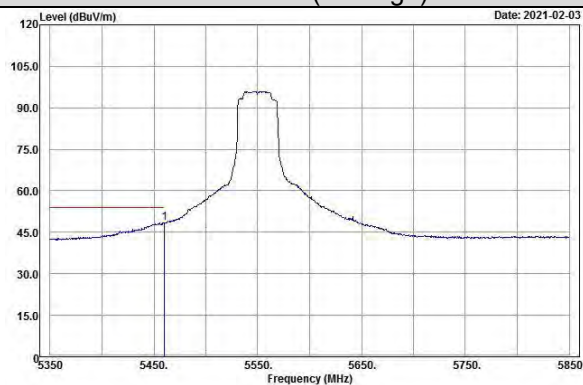
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5550 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 110

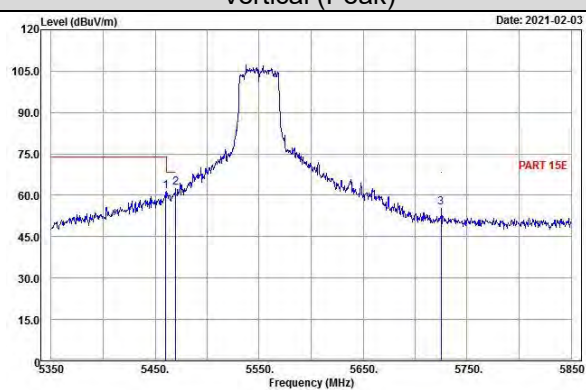
Horizontal (Peak)



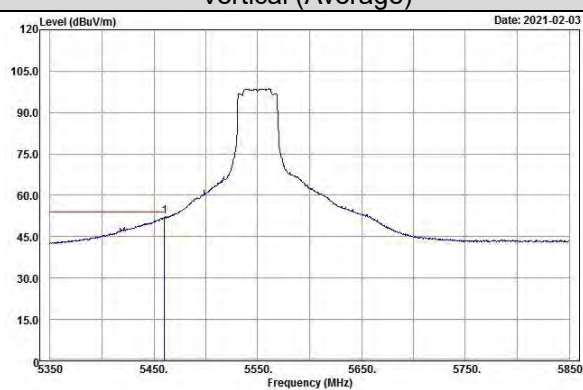
Horizontal (Average)



Vertical (Peak)

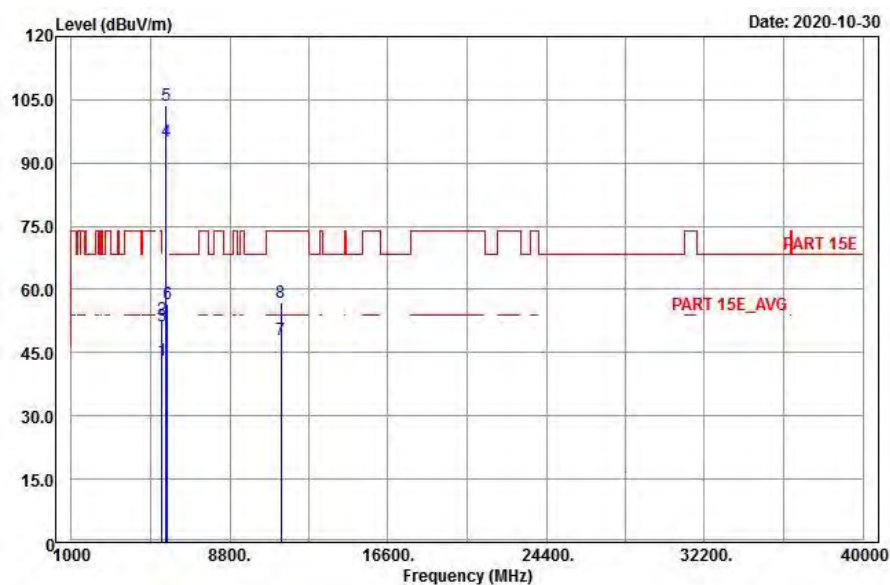


Vertical (Average)

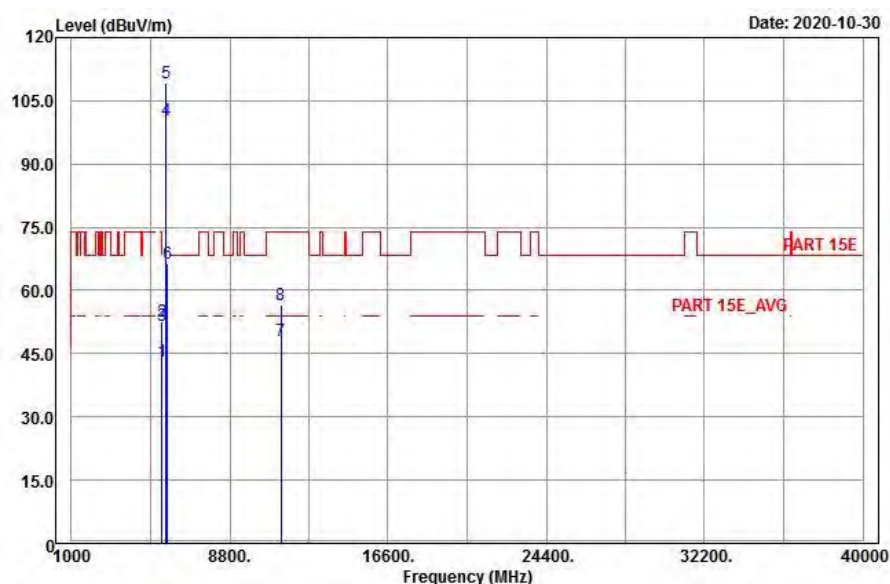


EUT Test Condition		Measurement Detail	
Channel	Channel 134	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



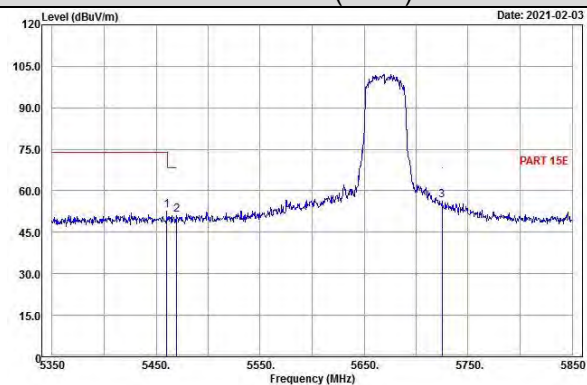
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.03	32.52	10.51	54	-10.97	184	336	Average
5460	53.12	42.61	10.51	74	-20.88	184	336	Peak
*5470	51.19	40.66	10.53	68.2	-17.01	184	336	Peak
5670	95.27	84.37	10.9			184	336	Average
5672	103.54	92.64	10.9			184	336	Peak
*5725	56.68	45.76	10.92	68.2	-11.52	184	336	Peak
11340	48	31.58	16.42	54	-6	188	187	Average
11340	56.73	40.31	16.42	74	-17.27	188	187	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.04	32.53	10.51	54	-10.96	230	44	Average
5460	52.57	42.06	10.51	74	-21.43	230	44	Peak
*5470	51.61	41.08	10.53	68.2	-16.59	230	44	Peak
5670	100.45	89.55	10.9			230	44	Average
5670	109.05	98.15	10.9			230	44	Peak
*5725	66.41	55.49	10.92	68.2	-1.79	230	44	Peak
11340	47.94	31.52	16.42	54	-6.06	154	174	Average
11340	56.47	40.05	16.42	74	-17.53	154	174	Peak

Remarks:

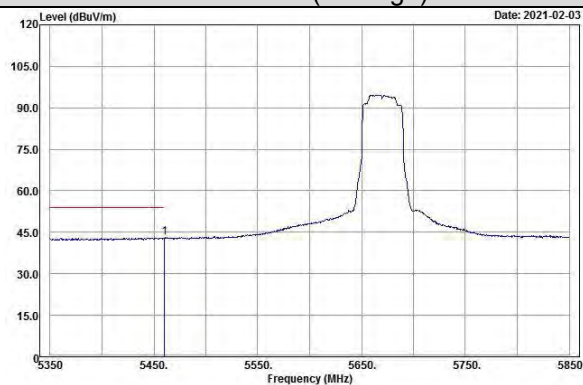
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5670 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 134

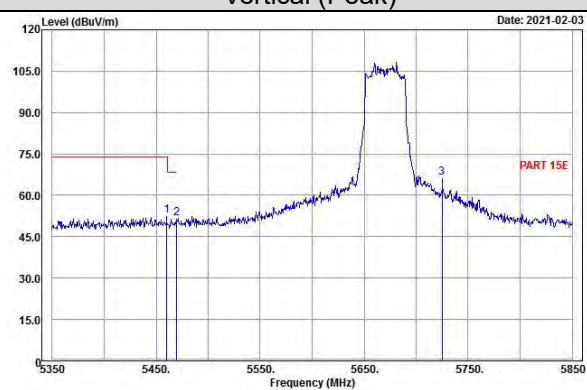
Horizontal (Peak)



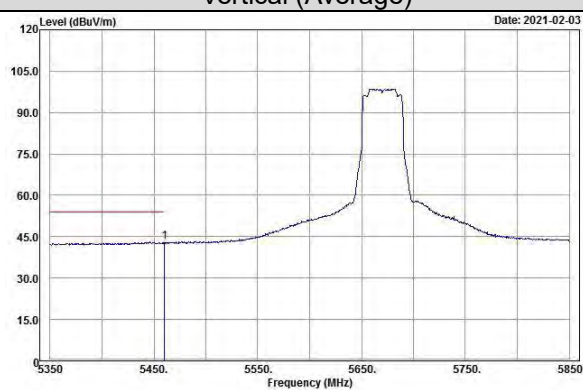
Horizontal (Average)



Vertical (Peak)

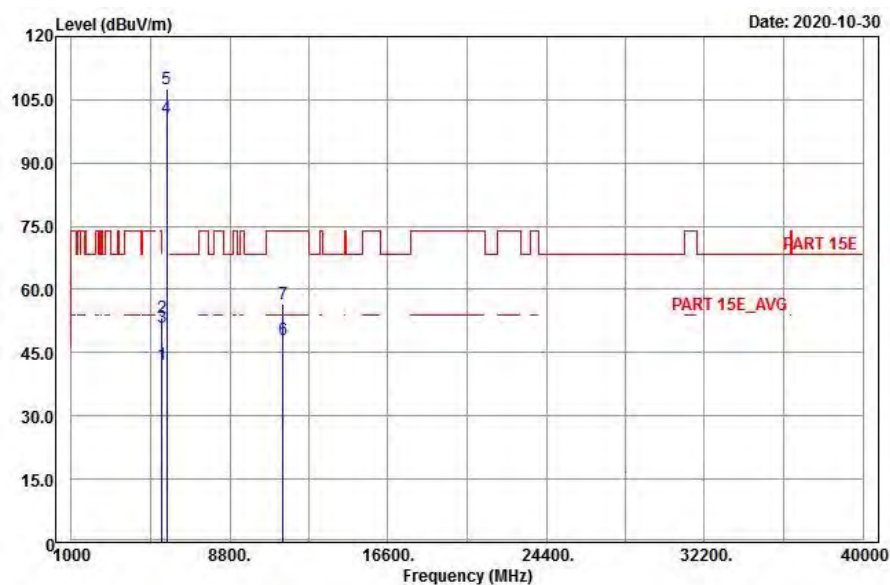


Vertical (Average)

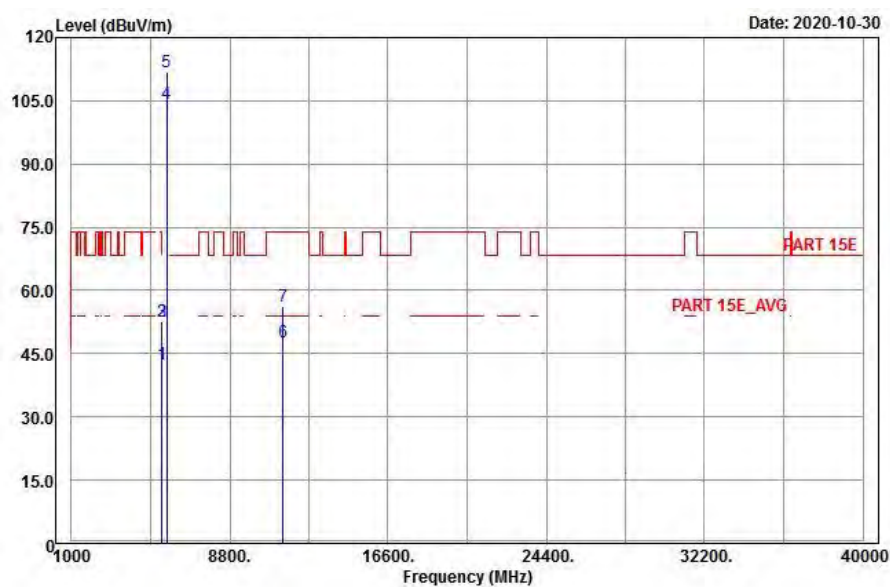


EUT Test Condition		Measurement Detail	
Channel	Channel 142	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



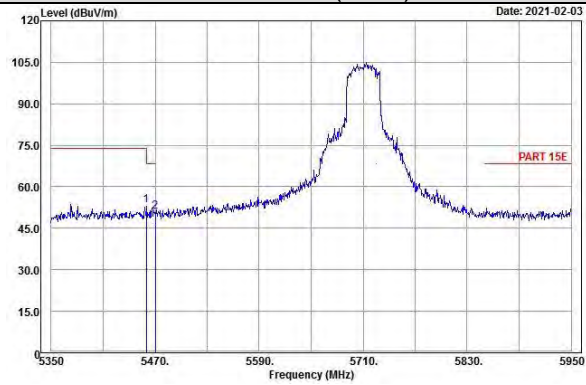
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.08	31.57	10.51	54	-11.92	184	340	Average
5460	53.41	42.9	10.51	74	-20.59	184	340	Peak
*5470	51.17	40.64	10.53	68.2	-17.03	184	340	Peak
5710	100.58	89.67	10.91			184	340	Average
5710	107.59	96.68	10.91			184	340	Peak
11420	48.03	31.77	16.26	54	-5.97	185	54	Average
11420	56.52	40.26	16.26	74	-17.48	185	54	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.61	32.1	10.51	54	-11.39	246	11	Average
5460	52.54	42.03	10.51	74	-21.46	246	11	Peak
*5470	52.64	42.11	10.53	68.2	-15.56	246	11	Peak
5710	104.17	93.26	10.91			246	11	Average
5710	111.85	100.94	10.91			246	11	Peak
11420	47.81	31.55	16.26	54	-6.19	110	0	Average
11420	56.37	40.11	16.26	74	-17.63	110	0	Peak

Remarks:

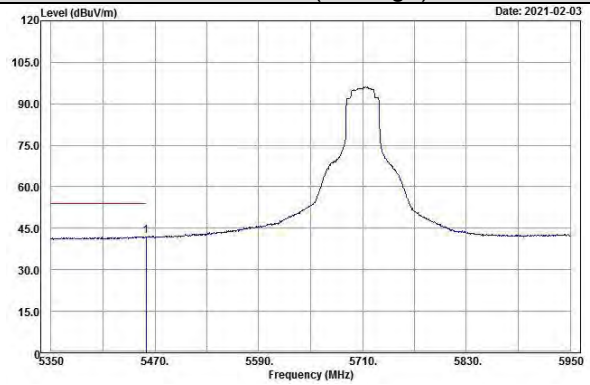
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5710 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 142

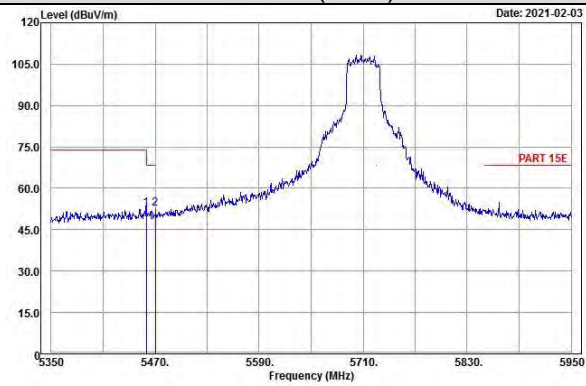
Horizontal (Peak)



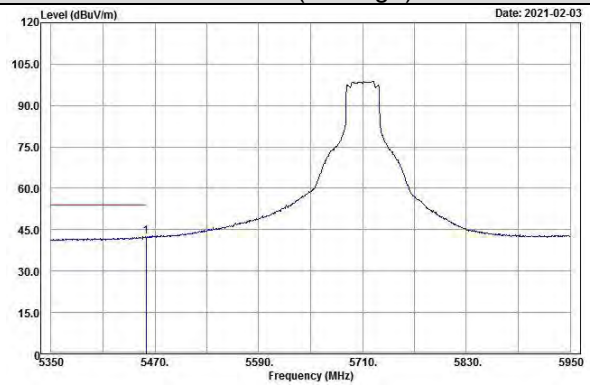
Horizontal (Average)



Vertical (Peak)

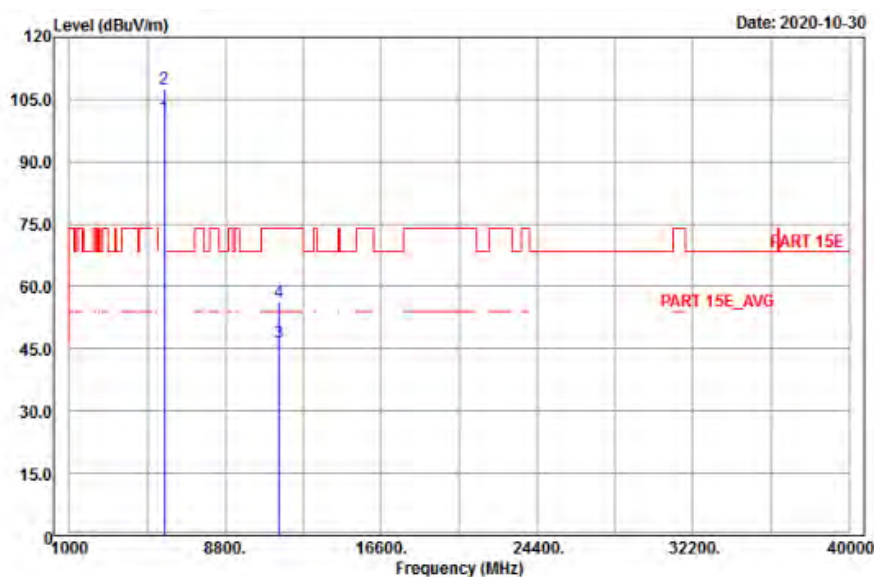


Vertical (Average)

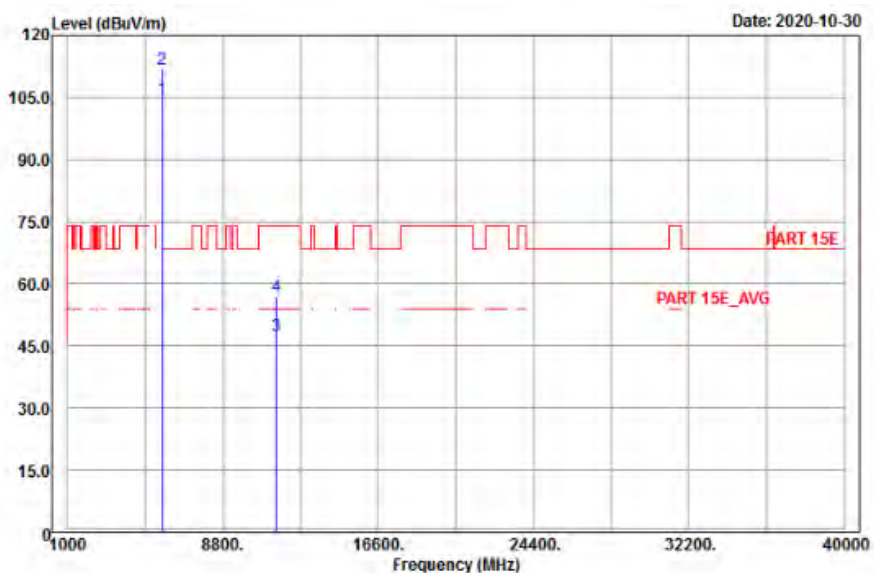


EUT Test Condition		Measurement Detail	
Channel	Channel 151	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

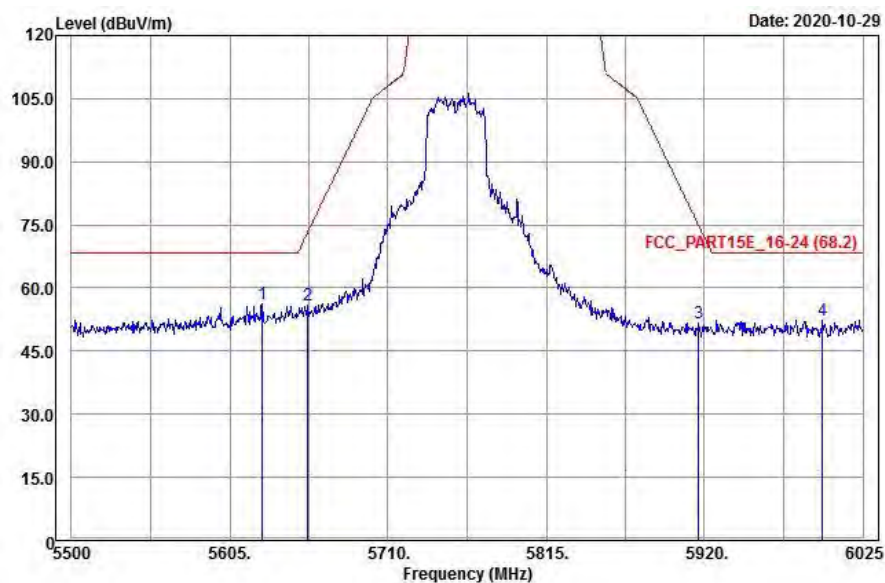
<Spurious Emission> Horizontal



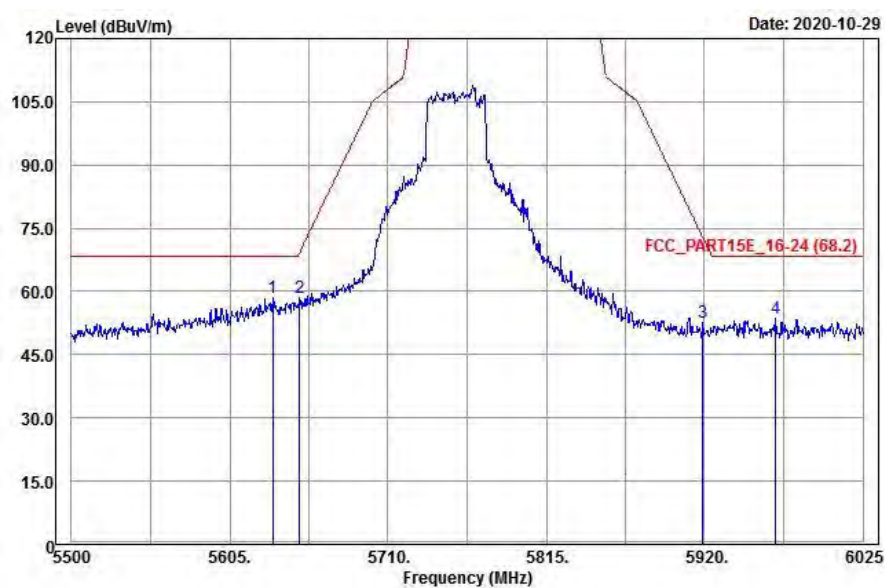
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5755	100.57	89.67	10.9			212	337	Average
5755	107.6	96.7	10.9			212	337	Peak
11510	46.49	29.98	16.51	54	-7.51	103	118	Average
11510	56.24	39.73	16.51	74	-17.76	103	118	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5755	104.48	93.58	10.9			220	47	Average
5755	111.72	100.82	10.9			220	47	Peak
11510	47.32	30.81	16.51	54	-6.68	129	114	Average
11510	56.95	40.44	16.51	74	-17.05	129	114	Peak

<Out of Band Emission (OOBE)>

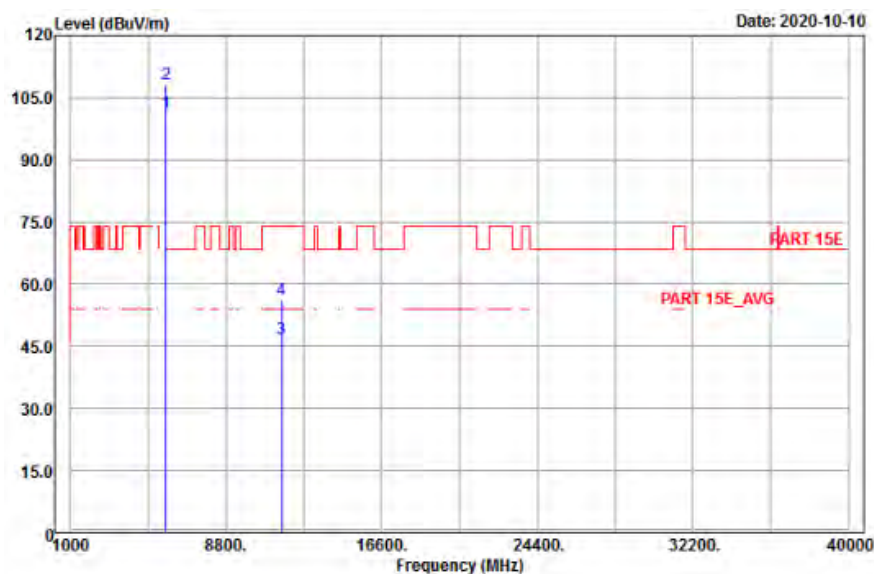
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5626.525	56.37	45.58	10.79	68.2	-11.83	212	337	Peak
5656.975	55.87	45	10.87	73.36	-17.49	212	337	Peak
5916.325	51.7	40.61	11.09	74.62	-22.92	212	337	Peak
*5998.225	52.38	41.05	11.33	68.2	-15.82	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5633.35	58.46	47.63	10.83	68.2	-9.74	220	47	Peak
5651.2	58.44	47.57	10.87	69.09	-10.65	220	47	Peak
5918.95	52.65	41.56	11.09	72.68	-20.03	220	47	Peak
*5967.25	53.48	42.25	11.23	68.2	-14.72	220	47	Peak

Remarks:

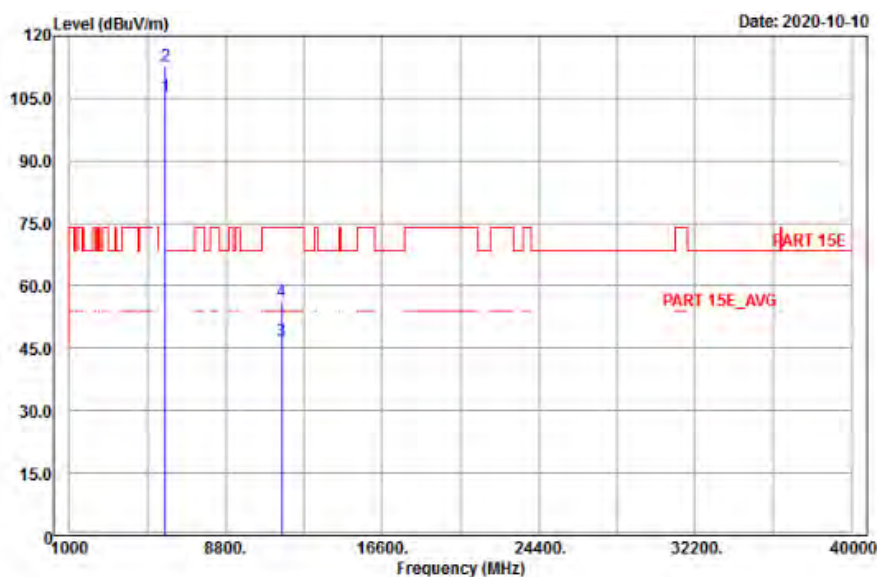
1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
2. 5755 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

EUT Test Condition		Measurement Detail	
Channel	Channel 159	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

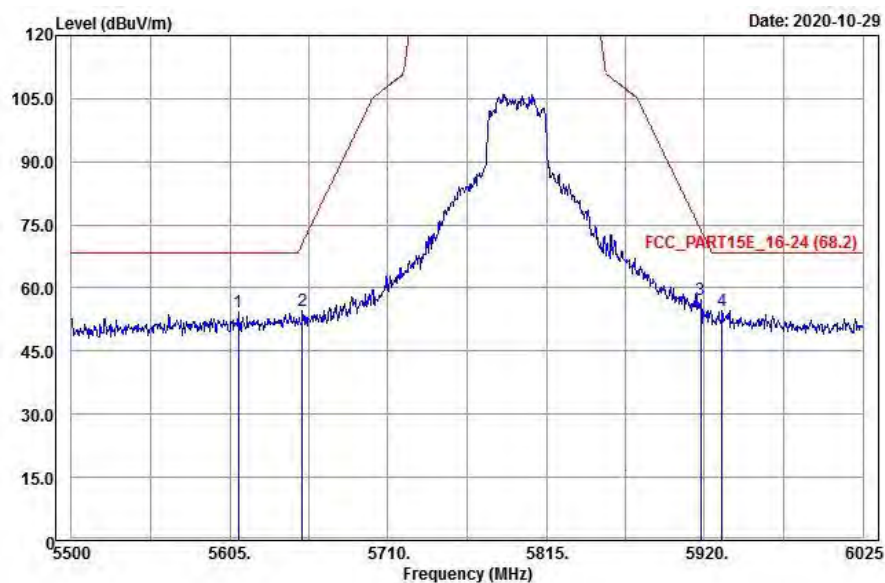
<Spurious Emission> Horizontal



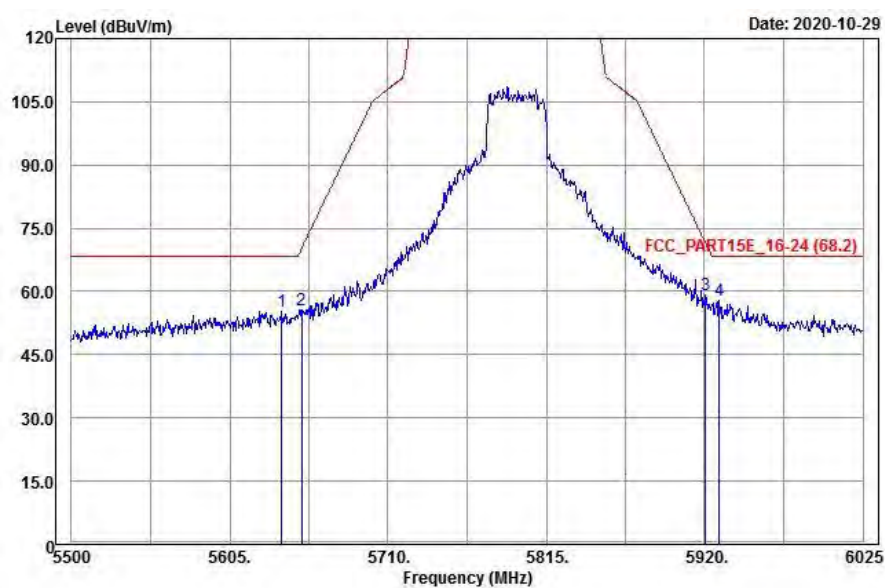
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5795	101.37	90.55	10.82			212	337	Average
5795	108.08	97.26	10.82			212	337	Peak
11590	46.63	30.12	16.51	54	-7.37	247	103	Average
11590	56.38	39.87	16.51	74	-17.62	247	103	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5795	105.58	94.76	10.82			220	47	Average
5795	112.7	101.88	10.82			220	47	Peak
11590	46.67	30.16	16.51	54	-7.33	104	194	Average
11590	56.14	39.63	16.51	74	-17.86	104	194	Peak

<Out of Band Emission (OOBE)>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5610.775	54.25	43.48	10.77	68.2	-13.95	212	337	Peak
5653.3	54.45	43.58	10.87	70.64	-16.19	212	337	Peak
5917.375	57.08	45.99	11.09	73.84	-16.76	212	337	Peak
*5931.55	54.63	43.52	11.11	68.2	-13.57	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5639.65	55.31	44.48	10.83	68.2	-12.89	220	47	Peak
5652.775	55.53	44.66	10.87	70.25	-14.72	220	47	Peak
5920.525	59.11	48.02	11.09	71.51	-12.4	220	47	Peak
*5929.975	57.8	46.69	11.11	68.2	-10.4	220	47	Peak

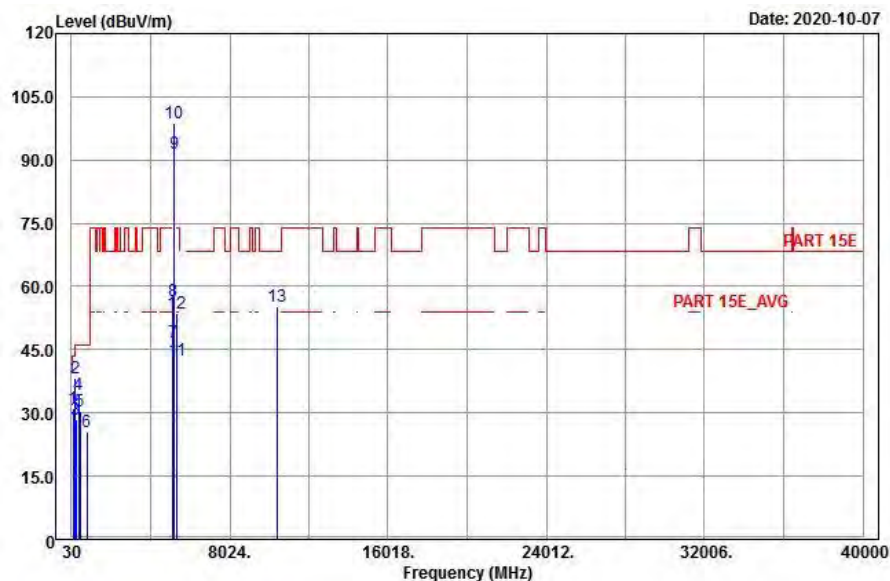
Remarks:

- Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
- 5795 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

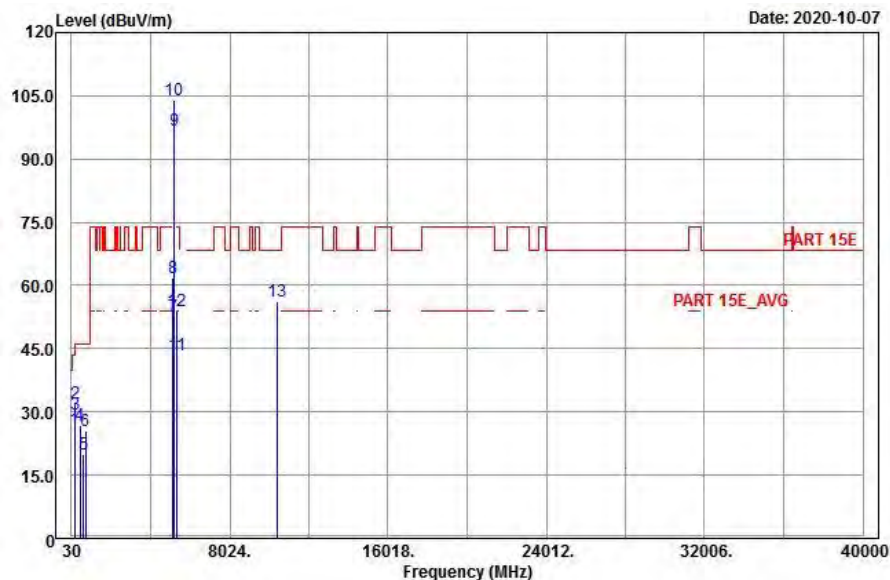
802.11ax (HE80)

EUT Test Condition		Measurement Detail	
Channel	Channel 42	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
125.58	31.08	51.16	-20.08	43.5	-12.42	100	244	Peak
220.62	38.24	56.05	-17.81	46	-7.76	105	113	Peak
255.72	28.57	45.3	-16.73	46	-17.43	198	226	Peak
401.5	34.3	48.21	-13.91	46	-11.7	180	241	Peak
474.3	30.28	43.12	-12.84	46	-15.72	163	322	Peak
800.5	25.57	33.16	-7.59	46	-20.43	150	54	Peak
5150	46.63	36.58	10.05	54	-7.37	192	345	Average
5150	56.44	46.39	10.05	74	-17.56	192	345	Peak
5210	91.69	81.52	10.17			192	345	Average
5210	98.87	88.7	10.17			192	345	Peak
5350	42.6	32.37	10.23	54	-11.4	192	345	Average
5350	53.49	43.26	10.23	74	-20.51	192	345	Peak
*10420	55.28	39.12	16.16	68.2	-12.92	169	9	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

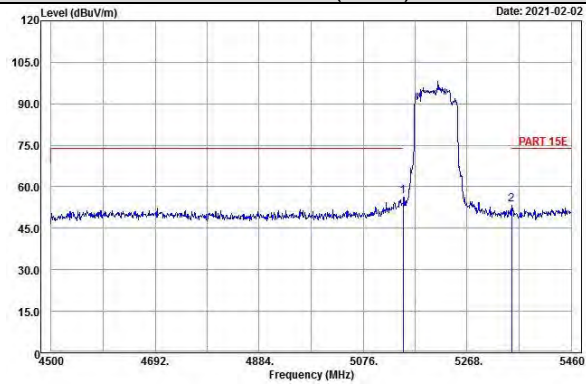
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
183.63	25.74	45.08	-19.34	43.5	-17.76	183	263	Peak
221.16	31.93	49.74	-17.81	46	-14.07	116	141	Peak
228.72	29.58	47.01	-17.43	46	-16.42	132	266	Peak
449.1	26.93	40.22	-13.29	46	-19.07	114	7	Peak
622	19.95	30.27	-10.32	46	-26.05	105	181	Peak
736.1	25.52	34.14	-8.62	46	-20.48	163	33	Peak
5150	52.5	42.45	10.05	54	-1.5	224	343	Average
5150	61.91	51.86	10.05	74	-12.09	224	343	Peak
5210	96.89	86.72	10.17			224	343	Average
5210	103.84	93.67	10.17			224	343	Peak
5350	43.46	33.23	10.23	54	-10.54	224	343	Average
5350	53.94	43.71	10.23	74	-20.06	224	343	Peak
*10420	56.33	40.17	16.16	68.2	-11.87	118	274	Peak

Remarks:

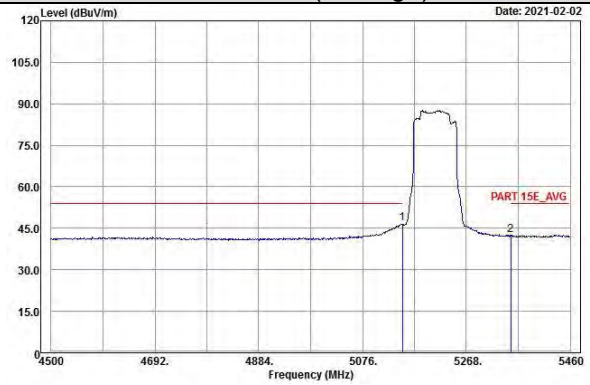
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5210 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 42

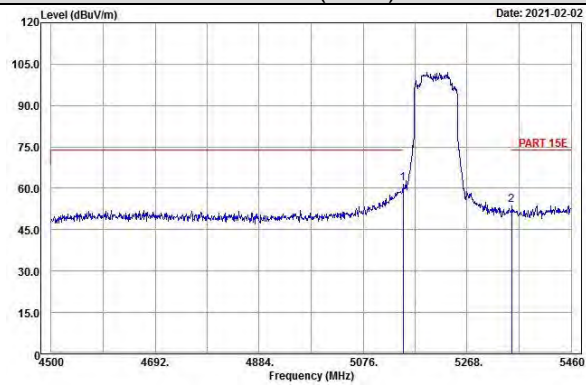
Horizontal (Peak)



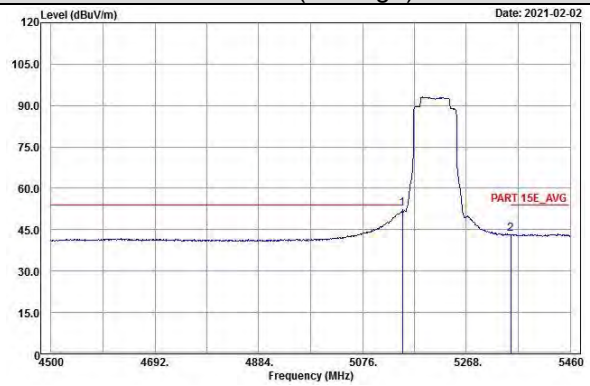
Horizontal (Average)



Vertical (Peak)

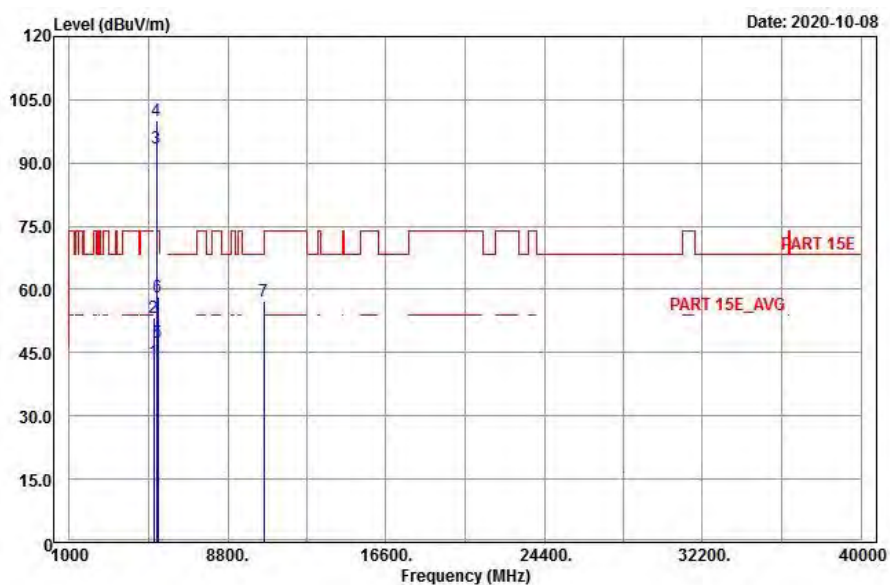


Vertical (Average)

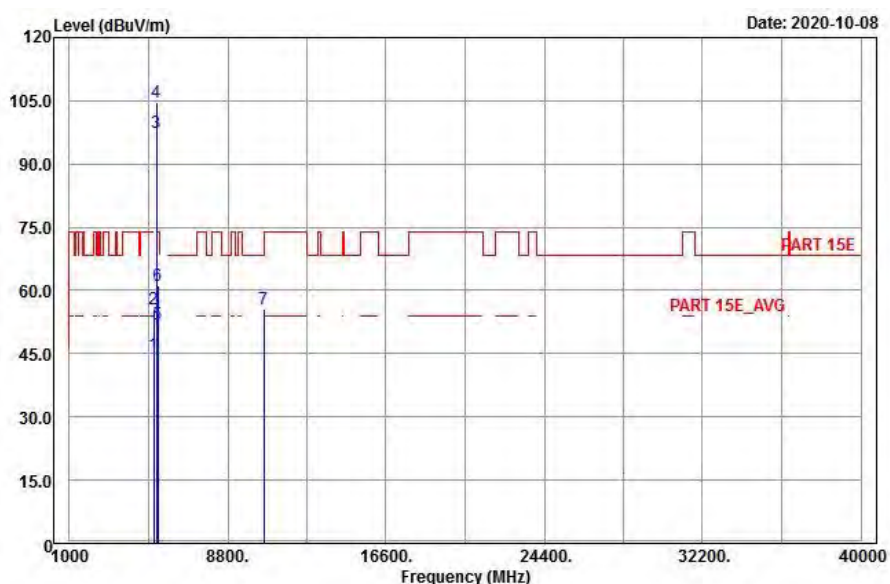


EUT Test Condition		Measurement Detail	
Channel	Channel 58	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.84	32.79	10.05	54	-11.16	192	345	Average
5150	53.36	43.31	10.05	74	-20.64	192	345	Peak
5290	93.62	83.52	10.1			192	345	Average
5290	100.13	90.03	10.1			192	345	Peak
5350	47.32	37.09	10.23	54	-6.68	192	345	Average
5350	58.08	47.85	10.23	74	-15.92	192	345	Peak
*10580	57.37	41.66	15.71	68.2	-10.83	199	316	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

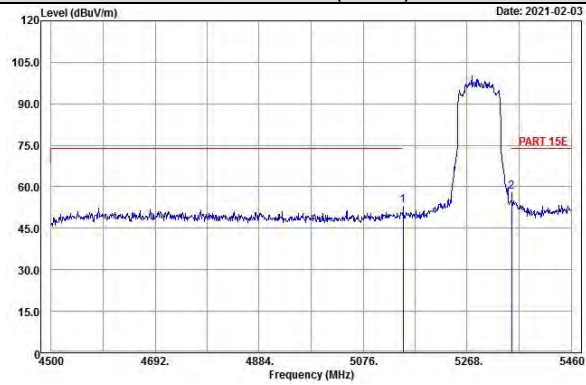
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	44.85	34.8	10.05	54	-9.15	216	344	Average
5150	55.67	45.62	10.05	74	-18.33	216	344	Peak
5290	97.48	87.38	10.1			216	344	Average
5290	104.51	94.41	10.1			216	344	Peak
5350	51.98	41.75	10.23	54	-2.02	216	344	Average
5350	61.25	51.02	10.23	74	-12.75	216	344	Peak
*10580	55.49	39.78	15.71	68.2	-12.71	117	154	Peak

Remarks:

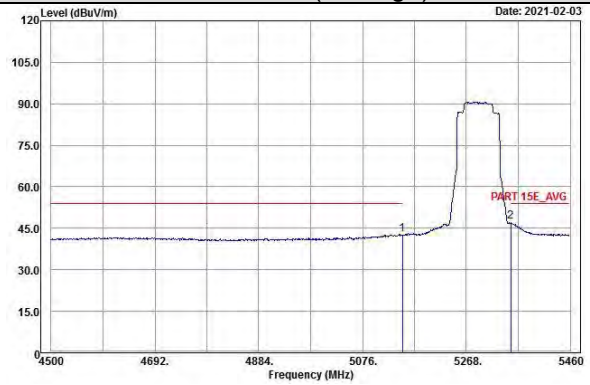
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5290 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 58

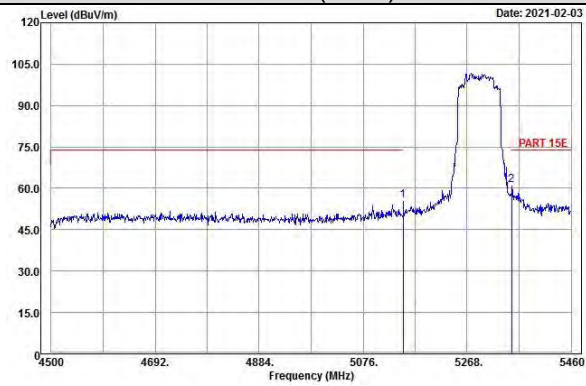
Horizontal (Peak)



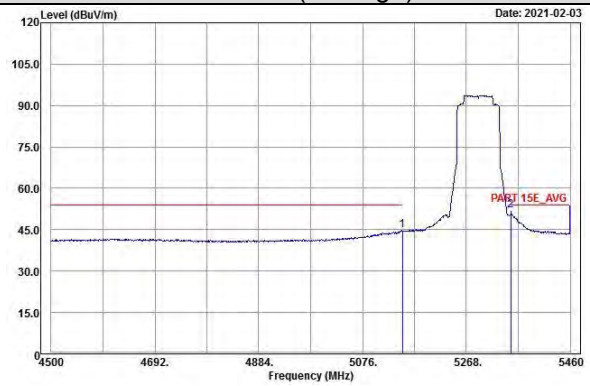
Horizontal (Average)



Vertical (Peak)

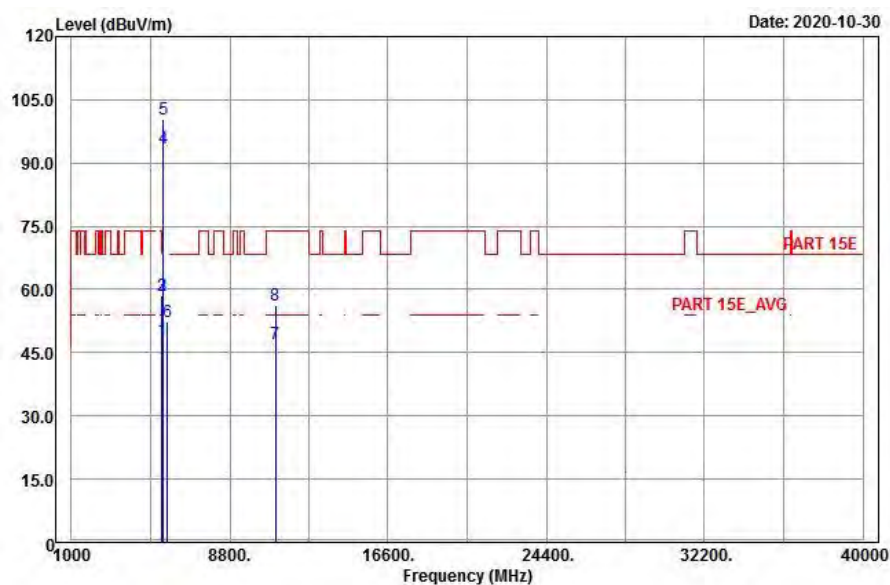


Vertical (Average)

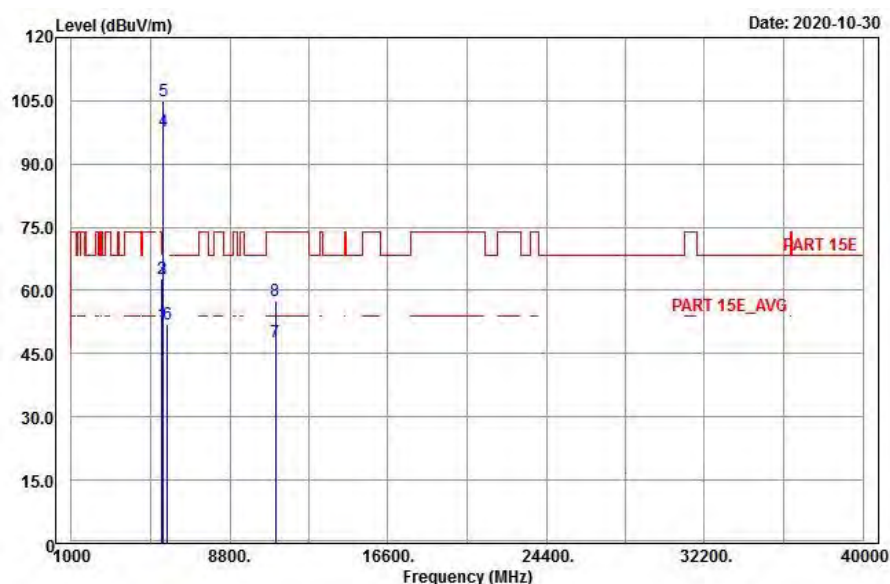


EUT Test Condition		Measurement Detail	
Channel	Channel 106	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



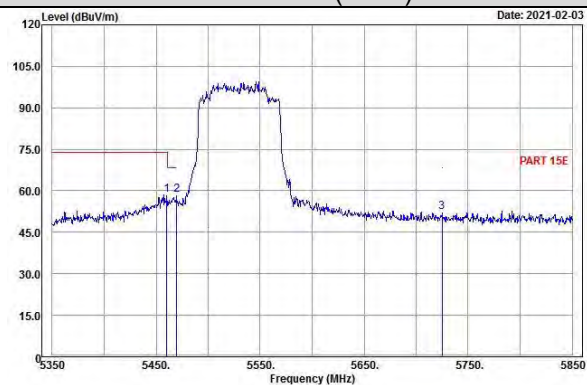
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	48.17	37.66	10.51	54	-5.83	184	340	Average
5460	58.69	48.18	10.51	74	-15.31	184	340	Peak
*5470	58.46	47.93	10.53	68.2	-9.74	184	340	Peak
5530	93.48	82.85	10.63			184	340	Average
5530	100.24	89.61	10.63			184	340	Peak
*5725	52.2	41.28	10.92	68.2	-16	184	340	Peak
11060	47.23	31	16.23	54	-6.77	164	1	Average
11060	56.28	40.05	16.23	74	-17.72	164	1	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	51.91	41.4	10.51	54	-2.09	246	11	Average
5460	62.69	52.18	10.51	74	-11.31	246	11	Peak
*5470	62.78	52.25	10.53	68.2	-5.42	246	11	Peak
5530	97.68	87.05	10.63			246	11	Average
5530	104.85	94.22	10.63			246	11	Peak
*5725	52.06	41.14	10.92	68.2	-16.14	246	11	Peak
11060	47.71	31.48	16.23	54	-6.29	125	231	Average
11060	57.58	41.35	16.23	74	-16.42	125	231	Peak

Remarks:

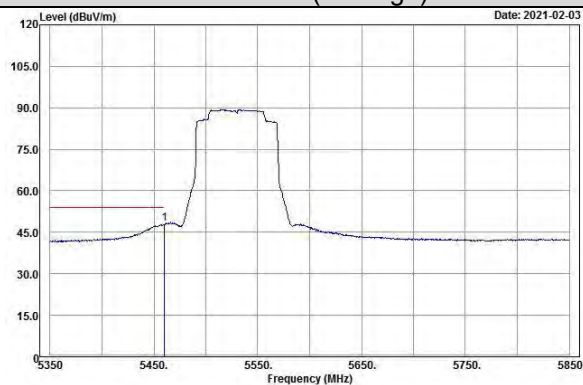
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5530 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 106

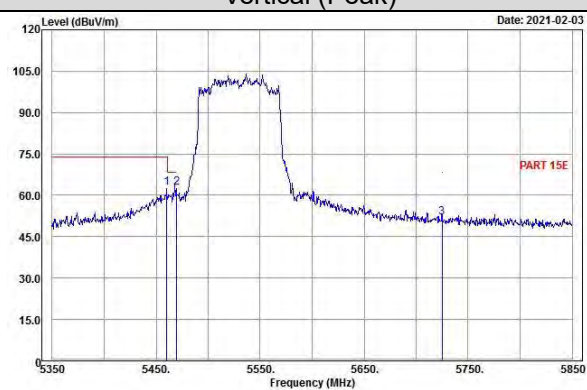
Horizontal (Peak)



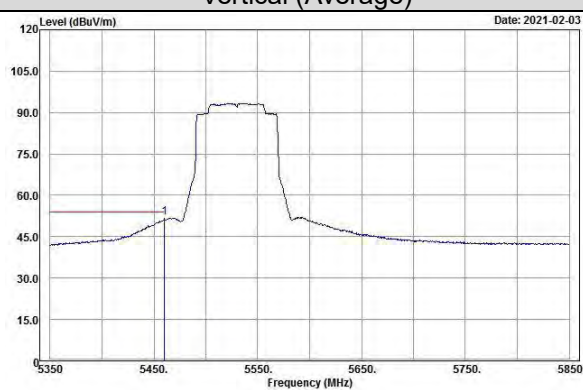
Horizontal (Average)



Vertical (Peak)

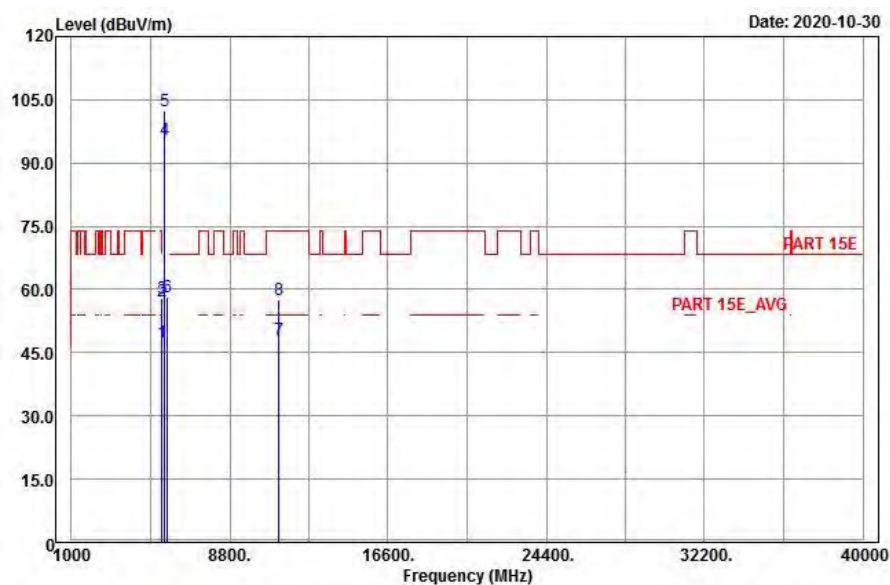


Vertical (Average)

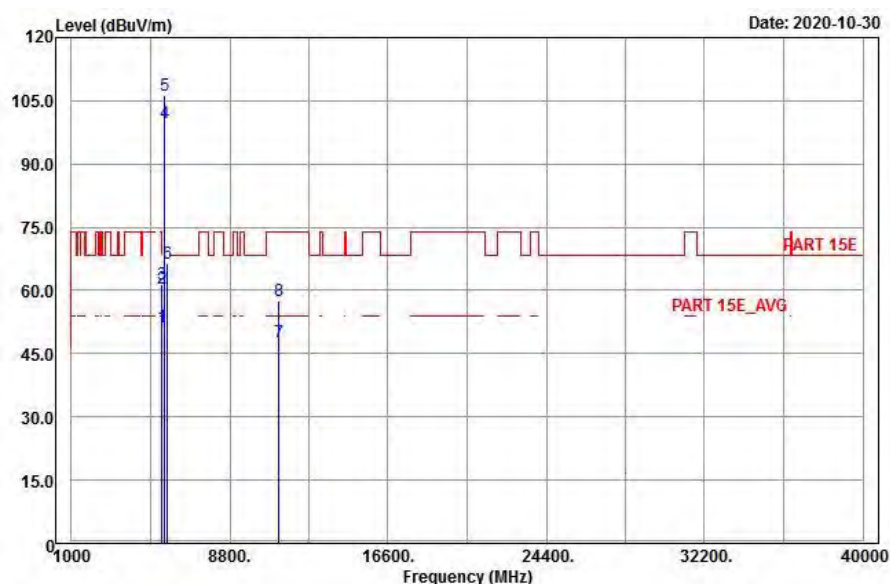


EUT Test Condition		Measurement Detail	
Channel	Channel 122	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



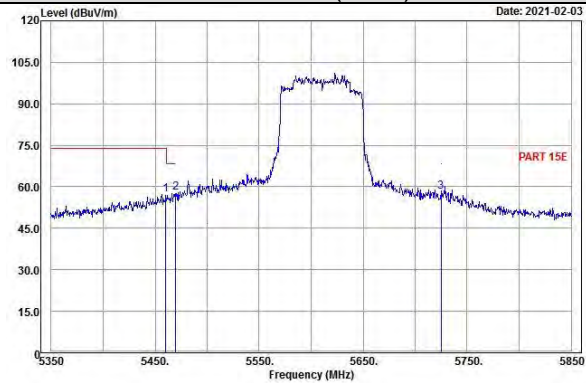
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	47.34	36.83	10.51	54	-6.66	184	340	Average
5460	57.24	46.73	10.51	74	-16.76	184	340	Peak
*5470	57.82	47.29	10.53	68.2	-10.38	184	340	Peak
5610	95.46	84.69	10.77			184	340	Average
5610	102.43	91.66	10.77			184	340	Peak
*5725	58.12	47.2	10.92	68.2	-10.08	184	340	Peak
11220	48.06	31.64	16.42	54	-5.94	187	188	Average
11220	57.58	41.16	16.42	74	-16.42	187	188	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	51.35	40.84	10.51	54	-2.65	246	11	Average
5460	60.48	49.97	10.51	74	-13.52	246	11	Peak
*5470	61.51	50.98	10.53	68.2	-6.69	246	11	Peak
5610	99.58	88.81	10.77			246	11	Average
5610	106.22	95.45	10.77			246	11	Peak
*5725	66.43	55.51	10.92	68.2	-1.77	246	11	Peak
11220	47.87	31.45	16.42	54	-6.13	105	204	Average
11220	57.5	41.08	16.42	74	-16.5	105	204	Peak

Remarks:

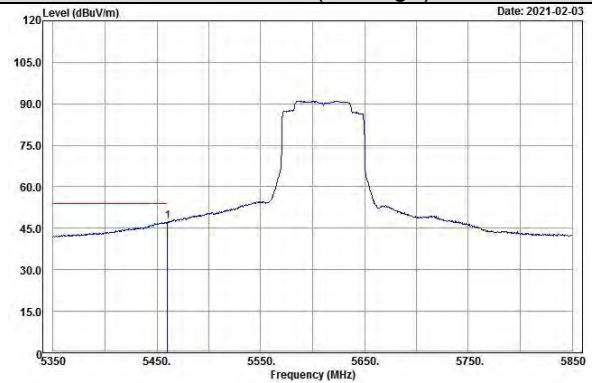
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5610 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 122

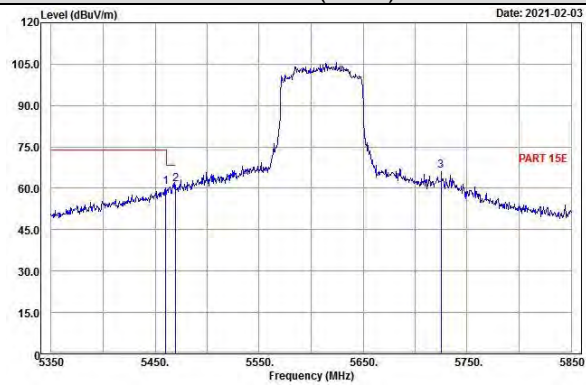
Horizontal (Peak)



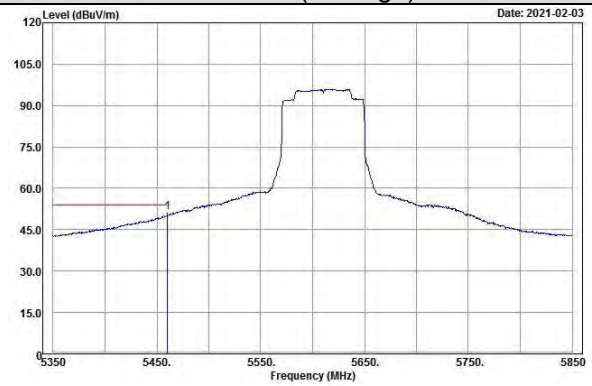
Horizontal (Average)



Vertical (Peak)

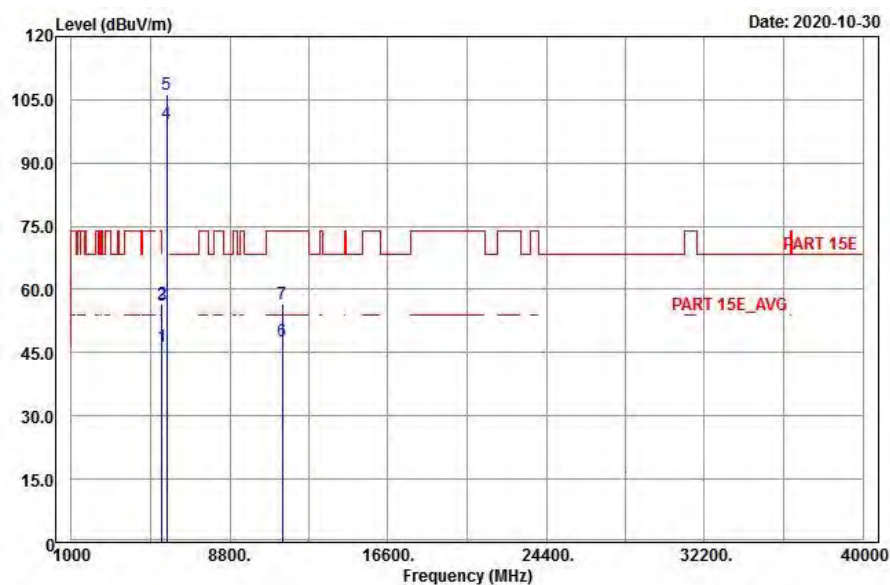


Vertical (Average)

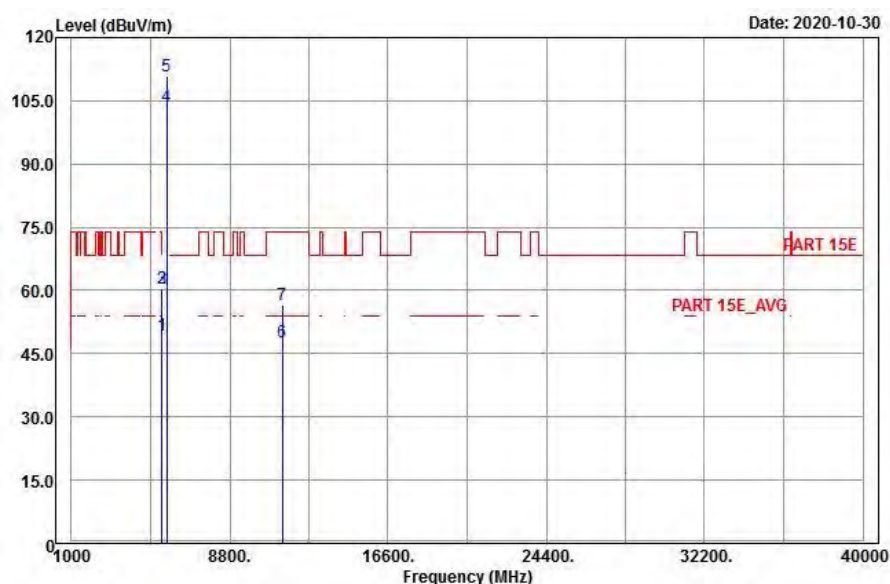


EUT Test Condition		Measurement Detail	
Channel	Channel 138	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



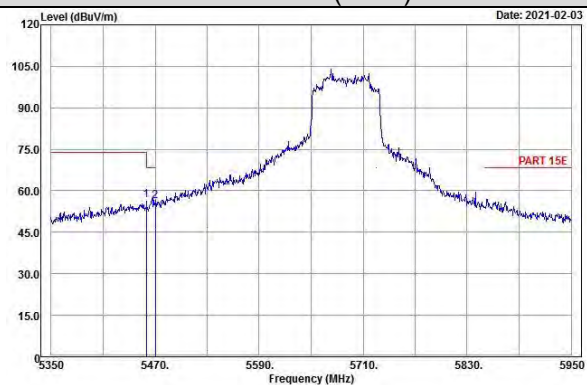
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46.52	36.01	10.51	54	-7.48	184	340	Average
5460	56.62	46.11	10.51	74	-17.38	184	340	Peak
*5470	56.13	45.6	10.53	68.2	-12.07	184	340	Peak
5690	99.37	88.44	10.93			184	340	Average
5690	106.42	95.49	10.93			184	340	Peak
11380	47.72	31.45	16.27	54	-6.28	168	55	Average
11380	56.53	40.26	16.27	74	-17.47	168	55	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	49.21	38.7	10.51	54	-4.79	246	11	Average
5460	60.53	50.02	10.51	74	-13.47	246	11	Peak
*5470	60.55	50.02	10.53	68.2	-7.65	246	11	Peak
5690	103.66	92.73	10.93			246	11	Average
5690	110.9	99.97	10.93			246	11	Peak
11380	47.63	31.36	16.27	54	-6.37	140	111	Average
11380	56.72	40.45	16.27	74	-17.28	140	111	Peak

Remarks:

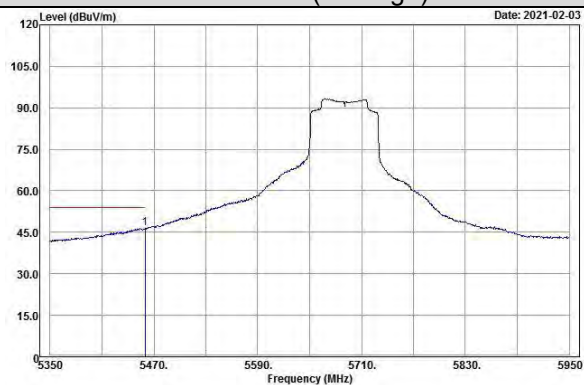
- Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
- 5690 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 138

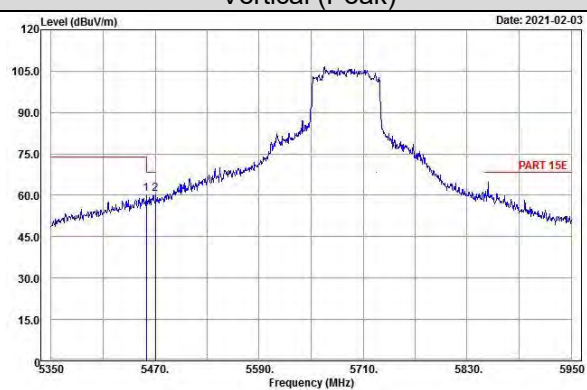
Horizontal (Peak)



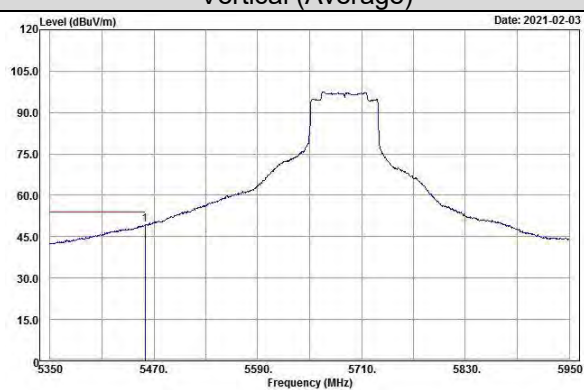
Horizontal (Average)



Vertical (Peak)

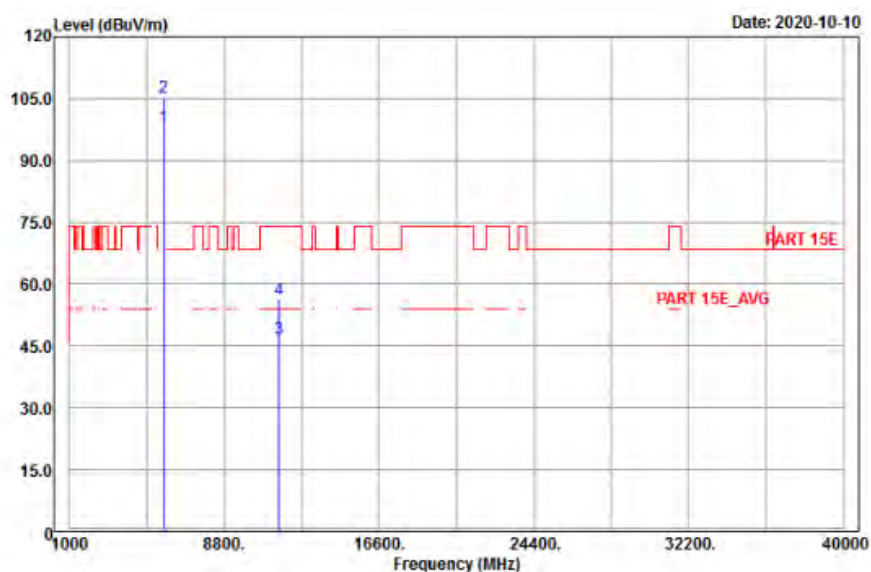


Vertical (Average)

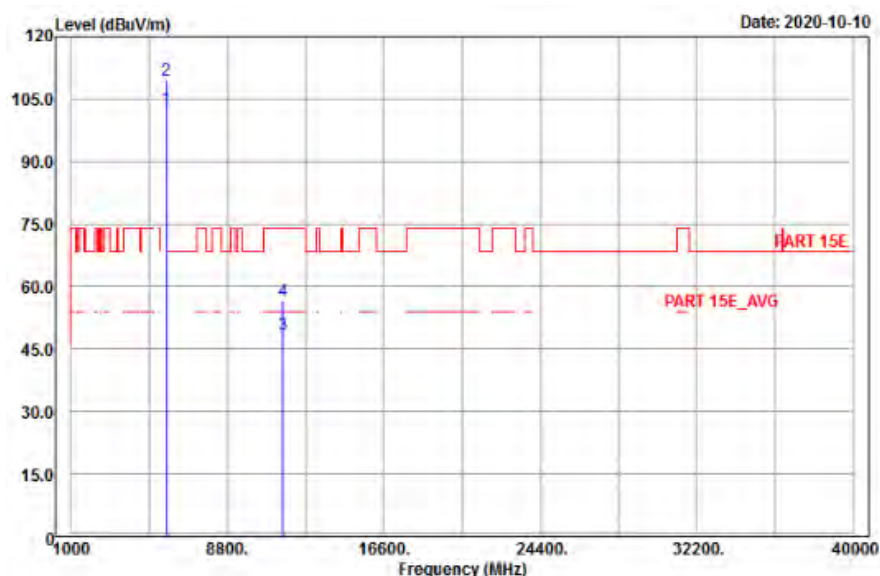


EUT Test Condition		Measurement Detail	
Channel	Channel 155	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

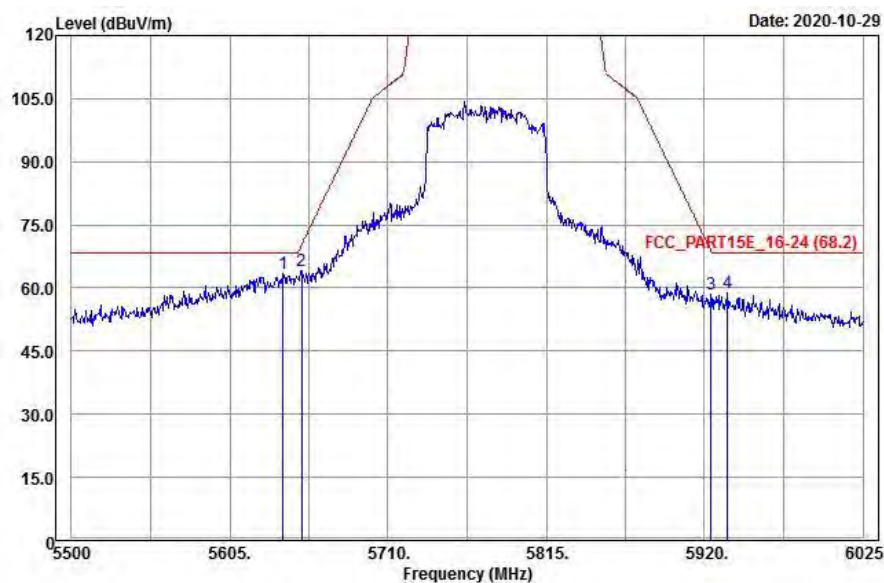
<Spurious Emission> Horizontal



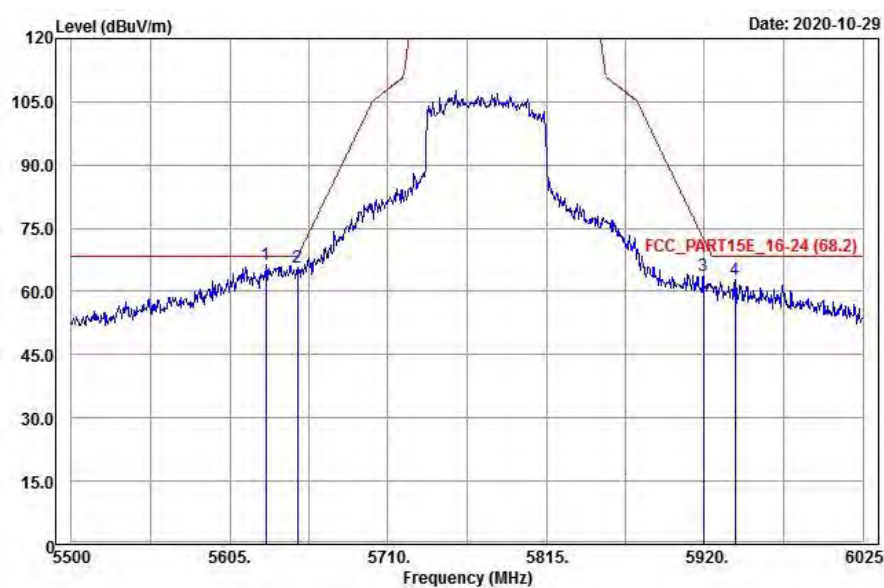
Vertical



<Out of Band Emission (OOBE)> Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5775	98.15	87.28	10.87			212	337	Average
5775	105.33	94.46	10.87			212	337	Peak
11550	46.62	30.12	16.5	54	-7.38	132	168	Average
11550	56.23	39.73	16.5	74	-17.77	132	168	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5775	102.64	91.77	10.87			220	47	Average
5775	109.56	98.69	10.87			220	47	Peak
11550	48.26	31.76	16.5	54	-5.74	201	2	Average
11550	56.65	40.15	16.5	74	-17.35	201	2	Peak

<Out of Band Emission (OOBE)>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5640.175	63.38	52.55	10.83	68.2	-4.82	212	337	Peak
5652.775	64.21	53.34	10.87	70.25	-6.04	212	337	Peak
5924.2	58.45	47.34	11.11	68.79	-10.34	212	337	Peak
*5935.225	58.94	47.78	11.16	68.2	-9.26	212	337	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5629.15	66.44	55.63	10.81	68.2	-1.76	220	47	Peak
5650.15	65.67	54.8	10.87	68.31	-2.64	220	47	Peak
5919.475	63.76	52.67	11.09	72.29	-8.53	220	47	Peak
*5940.475	62.68	51.5	11.18	68.2	-5.52	220	47	Peak

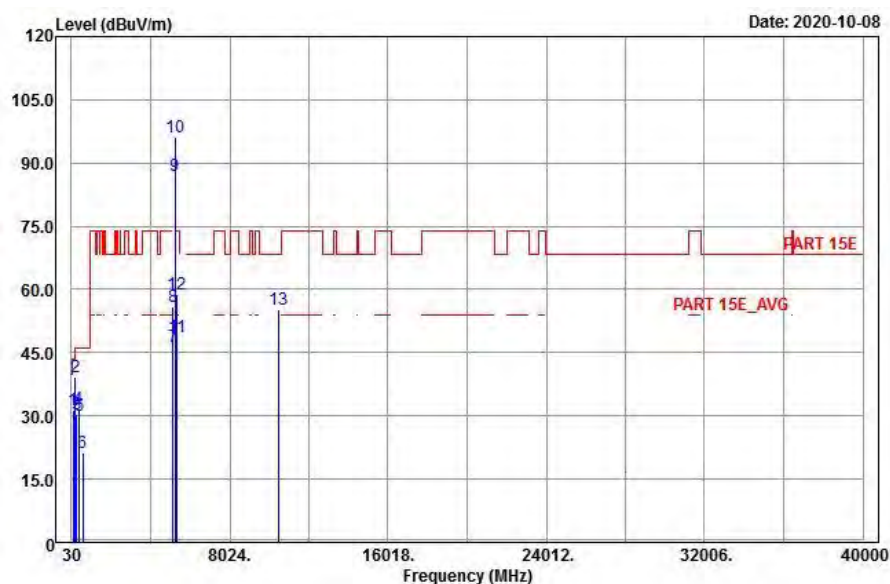
Remarks:

1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
Margin Value = Emission Level – Limit value
2. 5775 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

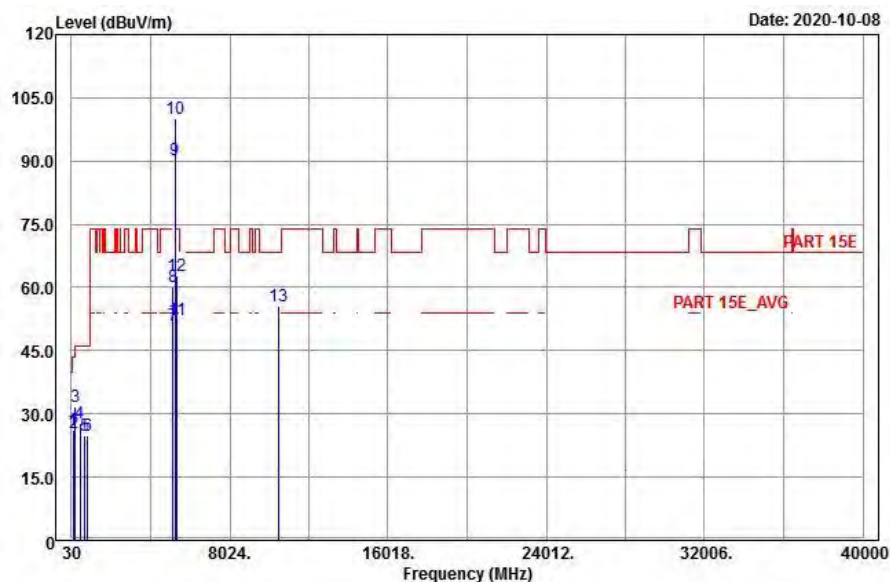
802.11ax (HE160)

EUT Test Condition		Measurement Detail	
Channel	Channel 50	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m

Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
127.47	31.43	51.62	-20.19	43.5	-12.07	150	156	Peak
223.05	39.37	57.08	-17.71	46	-6.63	114	145	Peak
297.57	30.36	46.32	-15.96	46	-15.64	198	88	Peak
390.3	31.59	45.69	-14.1	46	-14.41	174	4	Peak
445.6	30.18	43.53	-13.35	46	-15.82	132	26	Peak
599.6	21.1	31.67	-10.57	46	-24.9	150	188	Peak
5150	46.31	36.26	10.05	54	-7.69	206	341	Average
5150	55.84	45.79	10.05	74	-18.16	206	341	Peak
5250	86.97	76.87	10.1			206	341	Average
5250	96.25	86.15	10.1			206	341	Peak
5350	48.82	38.59	10.23	54	-5.18	206	341	Average
5350	58.81	48.58	10.23	74	-15.19	206	341	Peak
*10500	55.26	39.43	15.83	68.2	-12.94	199	185	Peak

Antenna Polarity & Test Distance: Vertical at 3 m

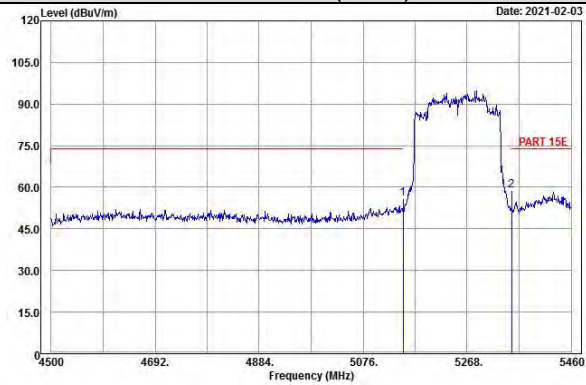
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
127.74	26.31	46.59	-20.28	43.5	-17.19	106	196	Peak
184.17	25.54	44.78	-19.24	43.5	-17.96	118	274	Peak
223.05	31.71	49.42	-17.71	46	-14.29	122	254	Peak
473.6	27.69	40.56	-12.87	46	-18.31	124	322	Peak
704.6	24.69	33.84	-9.15	46	-21.31	196	265	Peak
832	24.94	31.98	-7.04	46	-21.06	183	299	Peak
5150	51.05	41	10.05	54	-2.95	216	334	Average
5150	60.32	50.27	10.05	74	-13.68	216	334	Peak
5250	90.19	80.09	10.1			216	334	Average
5250	100.05	89.95	10.1			216	334	Peak
5350	52.35	42.12	10.23	54	-1.65	216	334	Average
5350	62.8	52.57	10.23	74	-11.2	216	334	Peak
*10500	55.64	39.81	15.83	68.2	-12.56	117	185	Peak

Remarks:

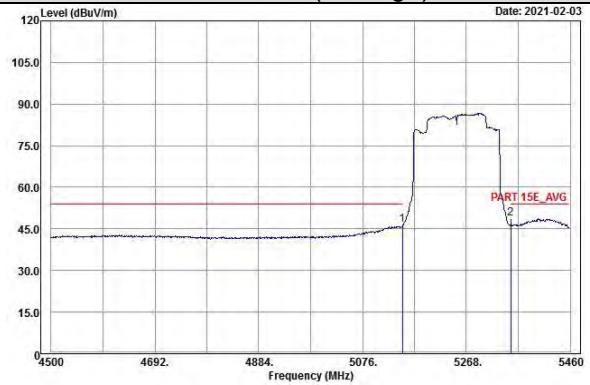
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5250 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 50

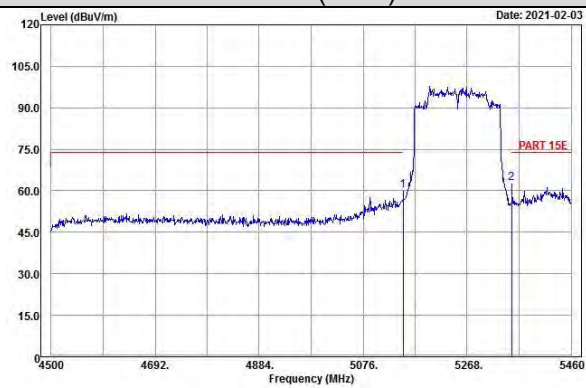
Horizontal (Peak)



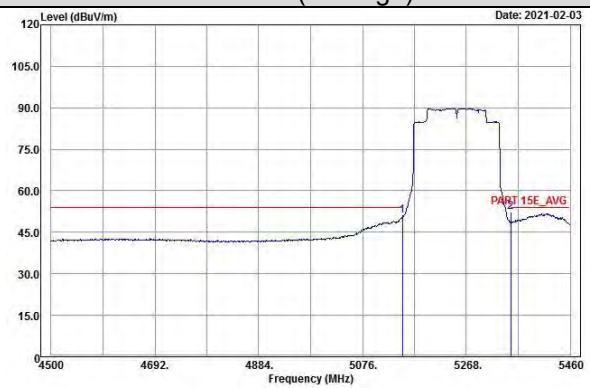
Horizontal (Average)



Vertical (Peak)

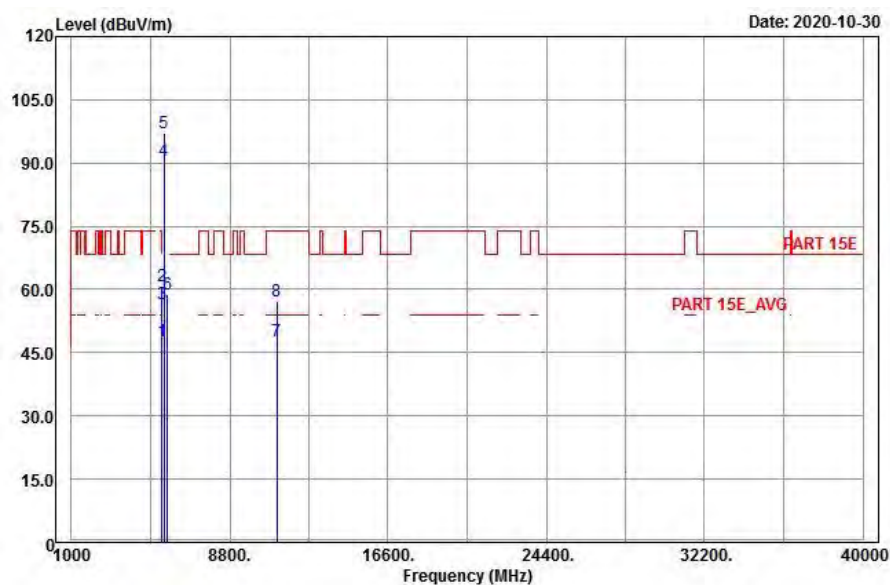


Vertical (Average)

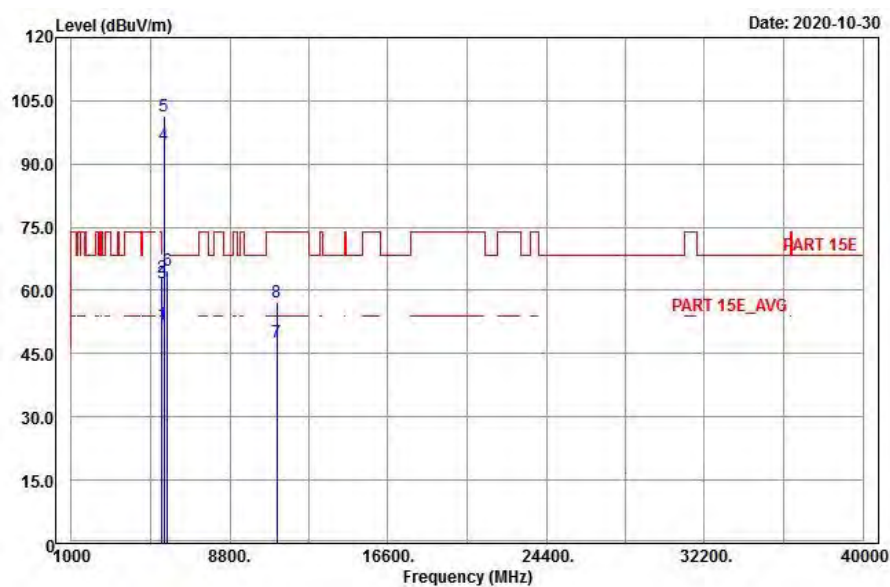


EUT Test Condition		Measurement Detail	
Channel	Channel 114	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



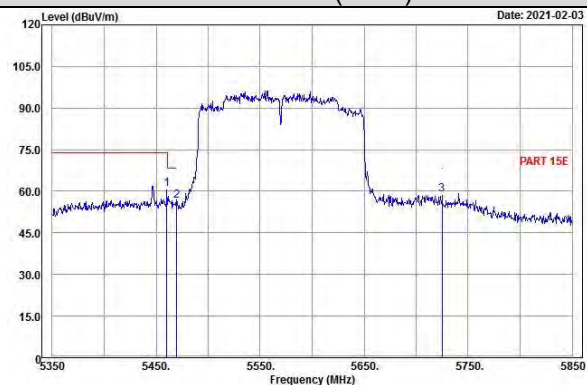
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	47.69	37.18	10.51	54	-6.31	184	340	Average
5460	60.66	50.15	10.51	74	-13.34	184	340	Peak
*5470	56.7	46.17	10.53	68.2	-11.5	184	340	Peak
5570	90.64	79.94	10.7			184	340	Average
5570	97.06	86.36	10.7			184	340	Peak
*5725	58.86	47.94	10.92	68.2	-9.34	184	340	Peak
11140	47.78	31.44	16.34	54	-6.22	117	7	Average
11140	57.24	40.9	16.34	74	-16.76	117	7	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	51.9	41.39	10.51	54	-2.1	246	11	Average
5460	63.05	52.54	10.51	74	-10.95	246	11	Peak
*5470	61.67	51.14	10.53	68.2	-6.53	246	11	Peak
5570	94.48	83.78	10.7			246	11	Average
5570	101.47	90.77	10.7			246	11	Peak
*5725	64.83	53.91	10.92	68.2	-3.37	246	11	Peak
11140	47.67	31.33	16.34	54	-6.33	134	306	Average
11140	57.14	40.8	16.34	74	-16.86	134	306	Peak

Remarks:

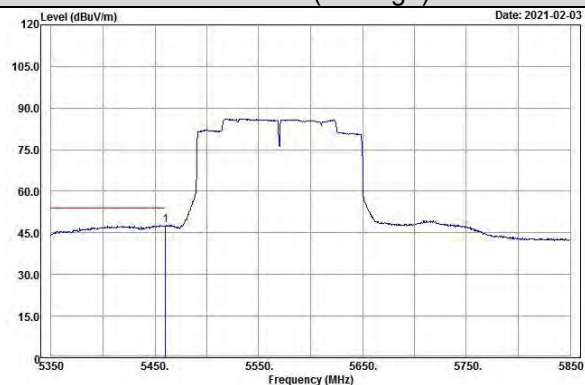
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5570 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 114

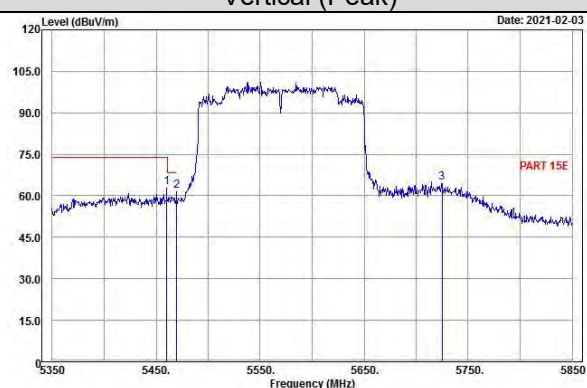
Horizontal (Peak)



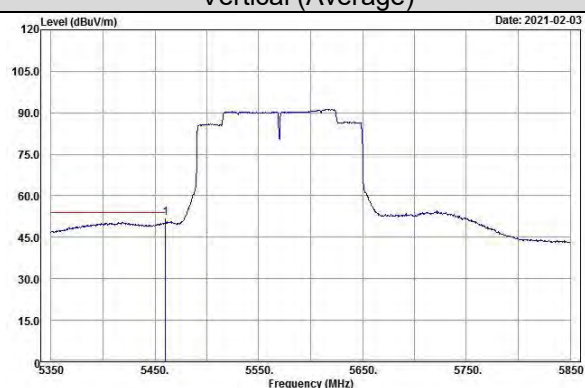
Horizontal (Average)



Vertical (Peak)



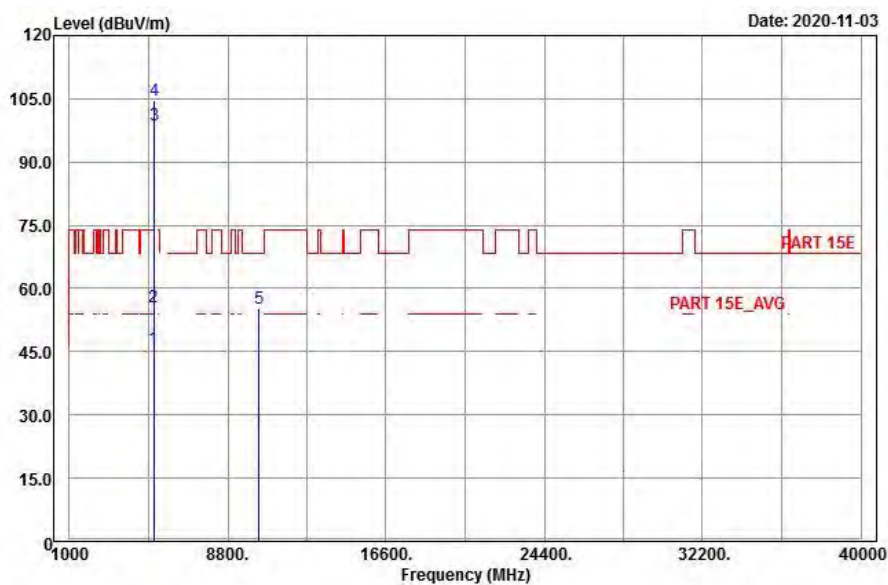
Vertical (Average)



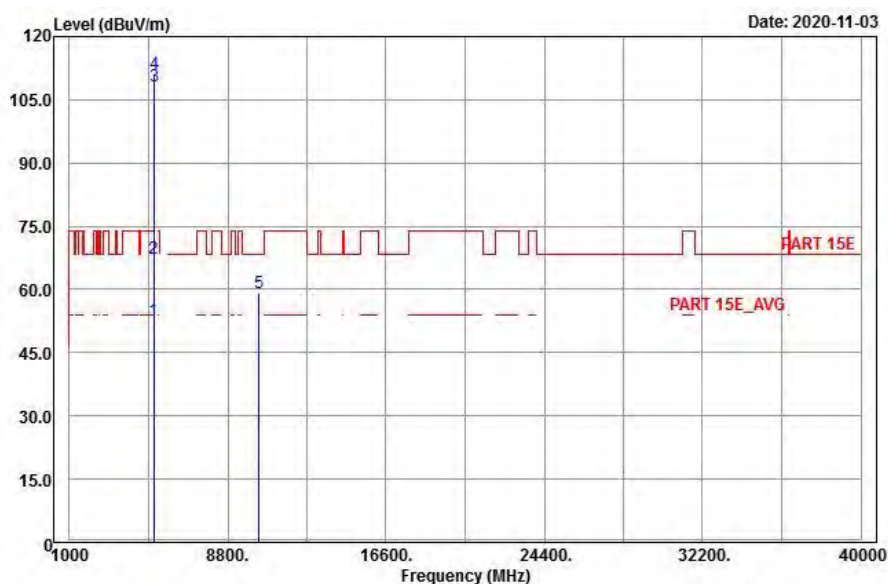
MIMO
802.11n (HT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee

Horizontal



Vertical



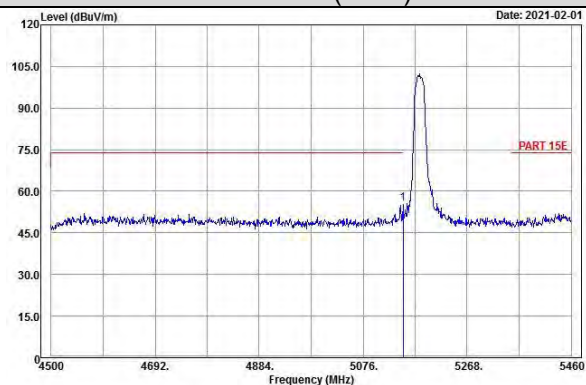
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	45.67	35.62	10.05	54	-8.33	192	21	Average
5150	55.48	45.43	10.05	74	-18.52	192	21	Peak
5180	98.72	88.6	10.12			192	21	Average
5180	104.71	94.59	10.12			192	21	Peak
*10360	55.3	39.28	16.02	68.2	-12.9	110	114	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	52.49	42.44	10.05	54	-1.51	211	19	Average
5150	67.43	57.38	10.05	74	-6.57	211	19	Peak
5180	108.35	98.23	10.12			211	19	Average
5180	111.14	101.02	10.12			211	19	Peak
*10360	59.15	43.13	16.02	68.2	-9.05	205	337	Peak

Remarks:

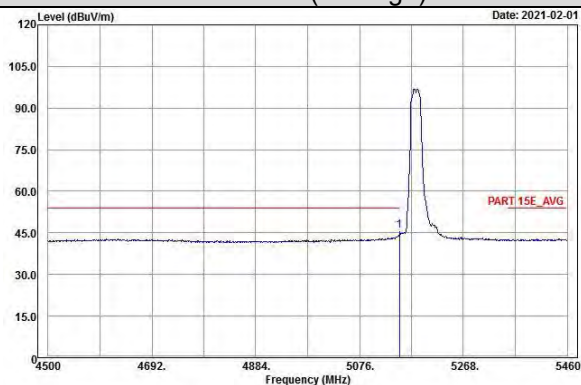
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5180 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 36

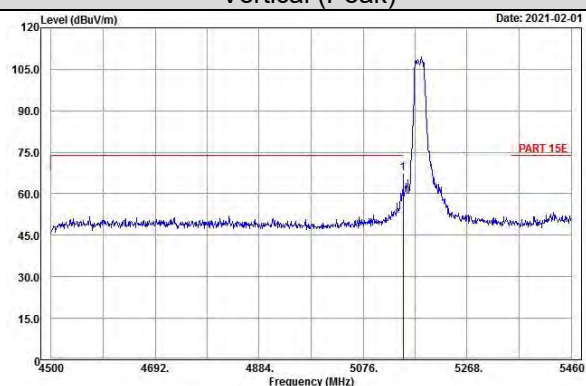
Horizontal (Peak)



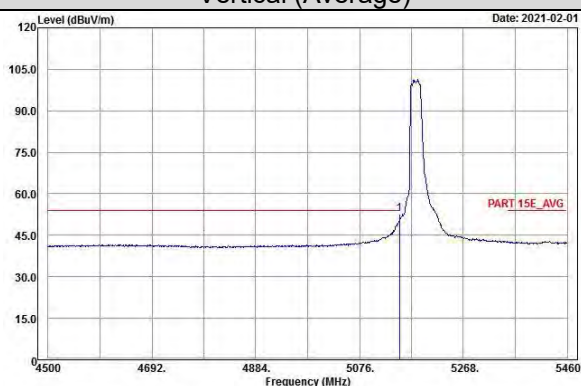
Horizontal (Average)



Vertical (Peak)

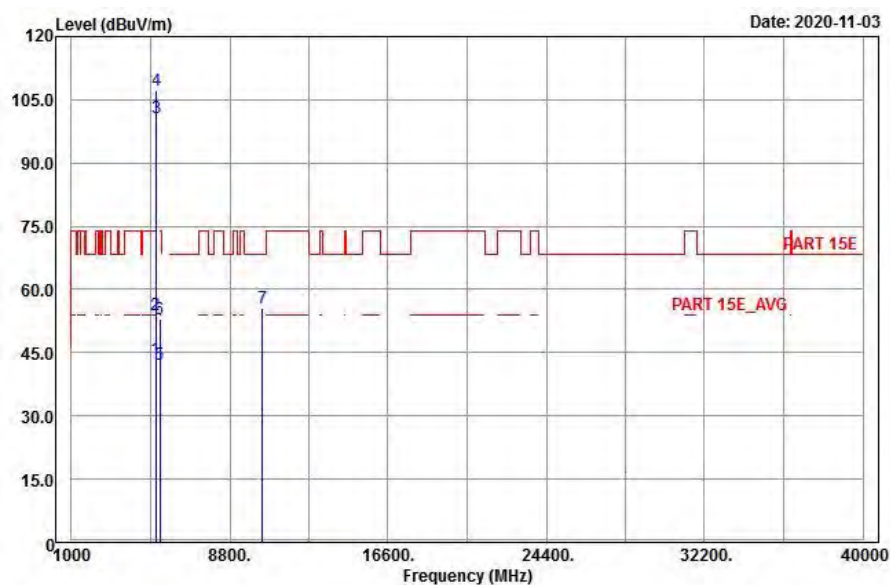


Vertical (Average)

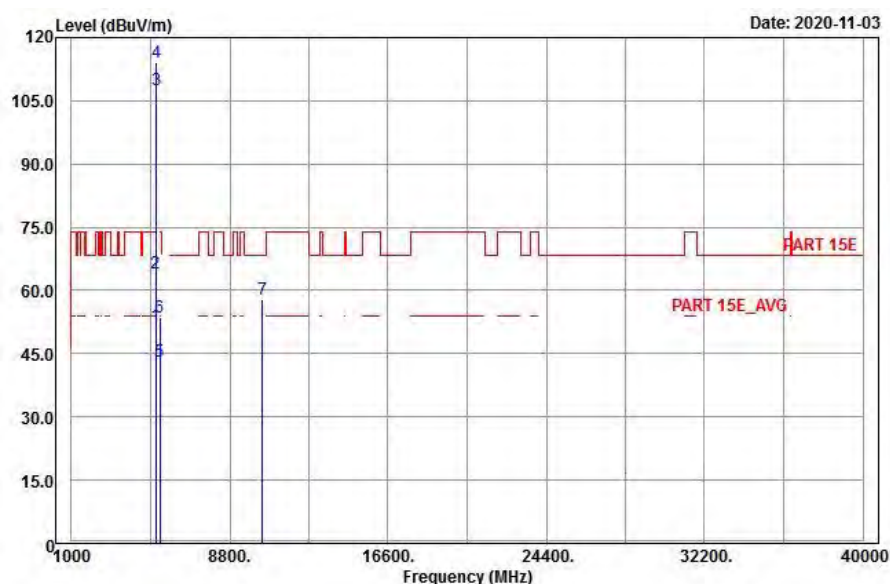


EUT Test Condition		Measurement Detail	
Channel	Channel 40	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical



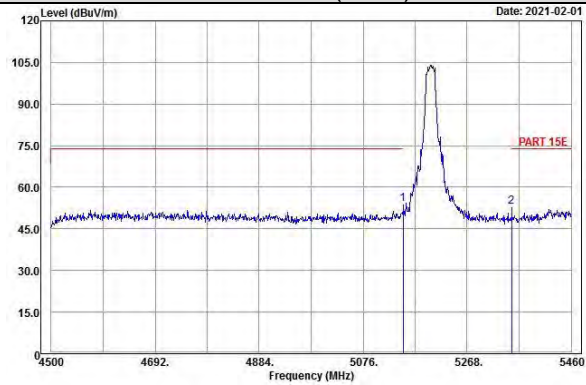
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	43.48	33.43	10.05	54	-10.52	210	20	Average
5150	53.98	43.93	10.05	74	-20.02	210	20	Peak
5200	100.68	90.52	10.16			210	20	Average
5200	107.16	97	10.16			210	20	Peak
5350	42.12	31.89	10.23	54	-11.88	210	20	Average
5350	52.88	42.65	10.23	74	-21.12	210	20	Peak
*10400	55.7	39.52	16.18	68.2	-12.5	134	166	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	51.66	41.61	10.05	54	-2.34	211	342	Average
5150	63.96	53.91	10.05	74	-10.04	211	342	Peak
5200	107.48	97.32	10.16			211	19	Average
5200	114.03	103.87	10.16			211	19	Peak
5350	43.14	32.91	10.23	54	-10.86	211	19	Average
5350	53.48	43.25	10.23	74	-20.52	211	19	Peak
*10400	57.99	41.81	16.18	68.2	-10.21	205	337	Peak

Remarks:

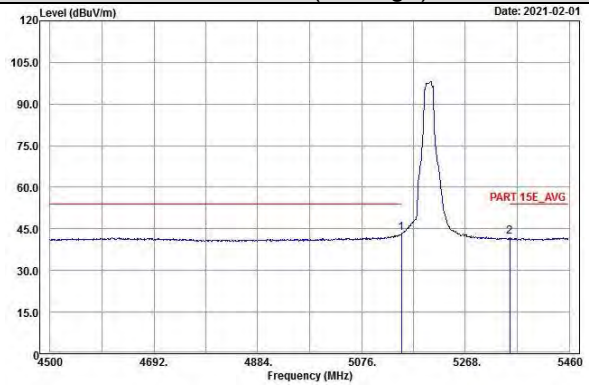
1. Emission Level = Read Level + Factor
Margin Value = Emission Level – Limit value
2. 5200 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 40

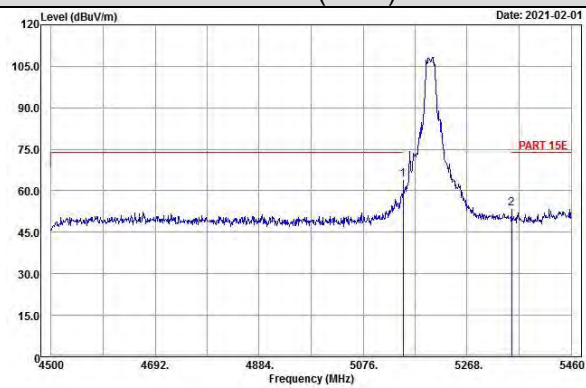
Horizontal (Peak)



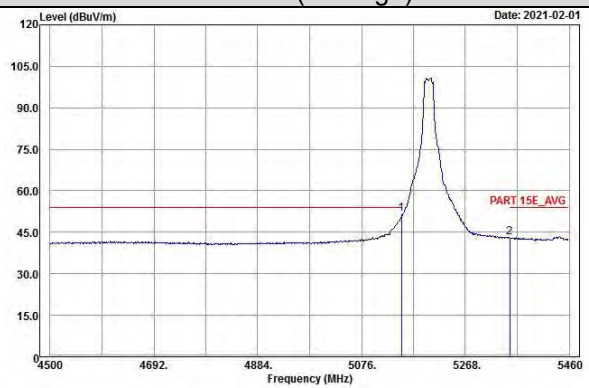
Horizontal (Average)



Vertical (Peak)

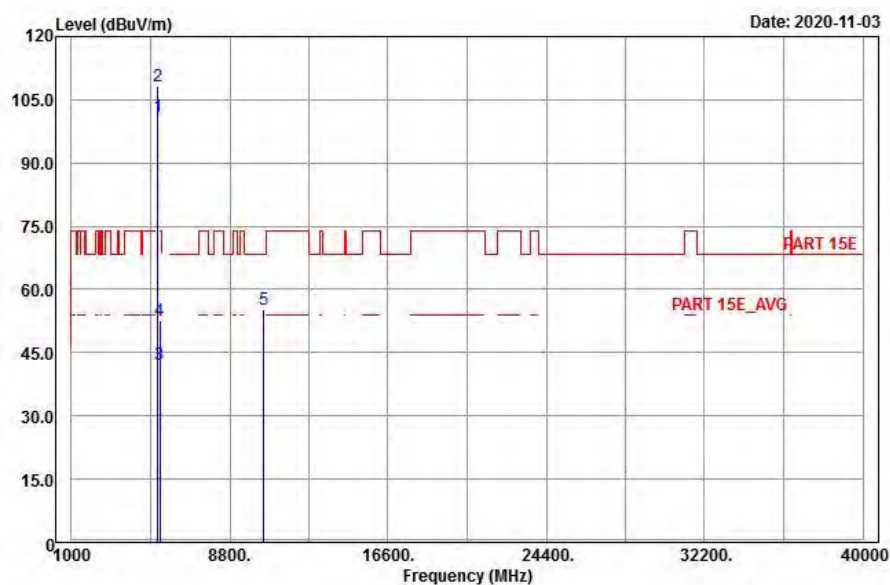


Vertical (Average)



EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Charles Hsiao

Horizontal



Vertical

