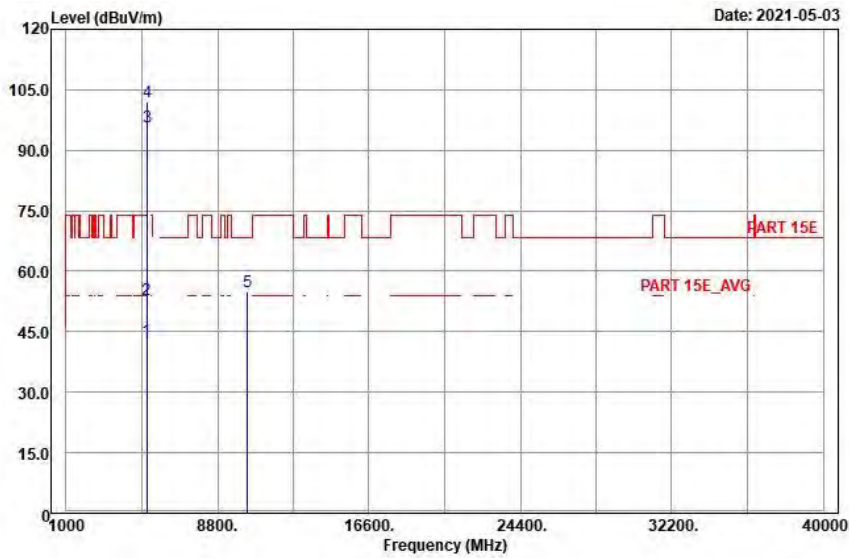


SISO\_Chain B

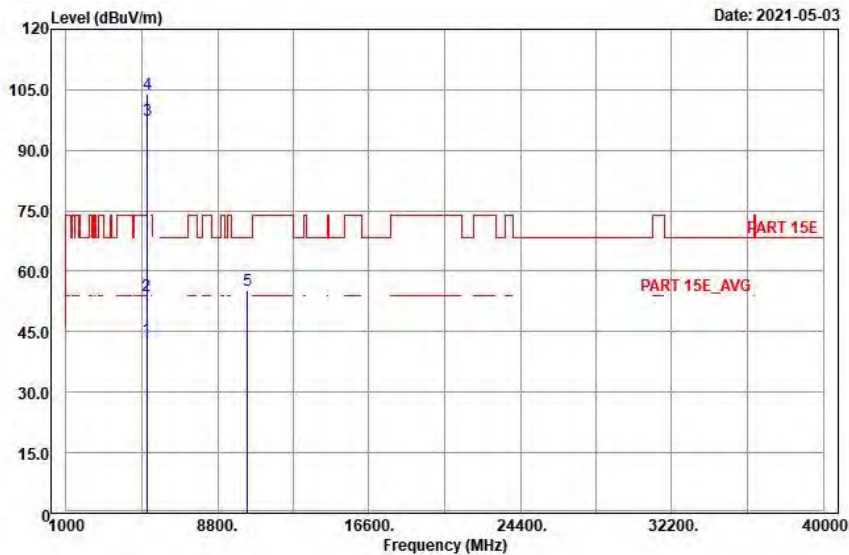
802.11a

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, Charles Hsiao

Horizontal



Vertical



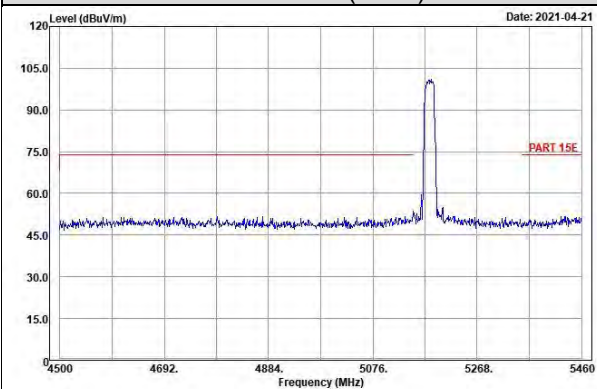
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.97	32.92	10.05	54	-11.03	176	130	Average
5150	52.87	42.82	10.05	74	-21.13	176	130	Peak
5180	95.67	85.55	10.12			176	130	Average
5180	102.08	91.96	10.12			176	130	Peak
*10360	55.08	39.06	16.02	68.2	-13.12	261	70	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	43.28	33.23	10.05	54	-10.72	198	96	Average
5150	54.09	44.04	10.05	74	-19.91	198	96	Peak
5180	97.54	87.42	10.12			198	96	Average
5180	104.03	93.91	10.12			198	96	Peak
*10360	55.13	39.11	16.02	68.2	-13.07	222	172	Peak

Remarks:

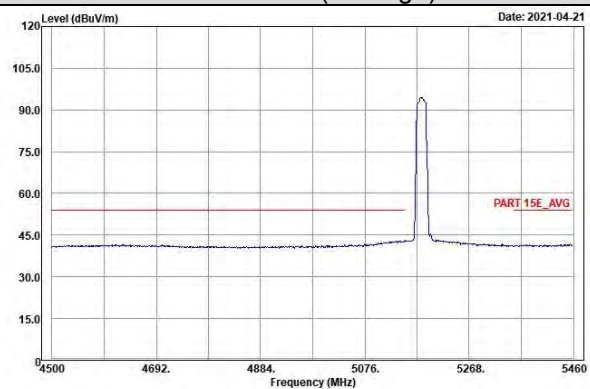
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5180 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

### Channel 36

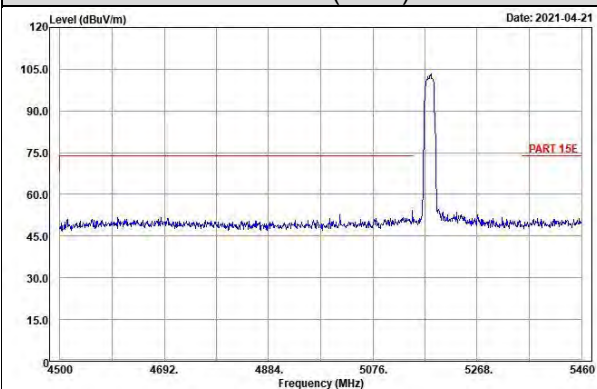
#### Horizontal (Peak)



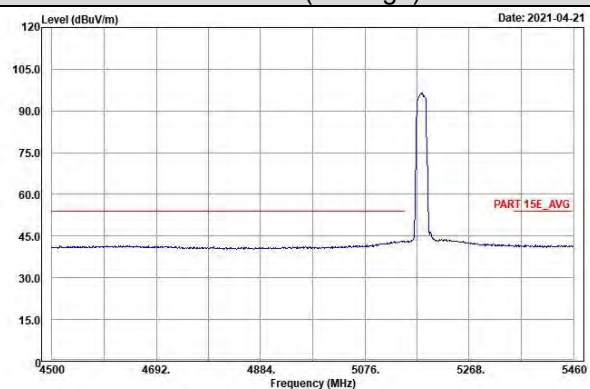
#### Horizontal (Average)



#### Vertical (Peak)

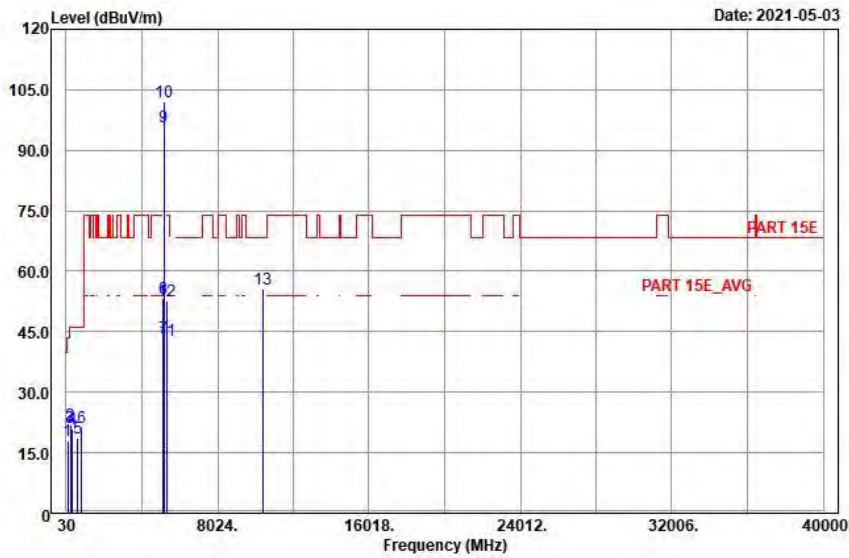


#### Vertical (Average)

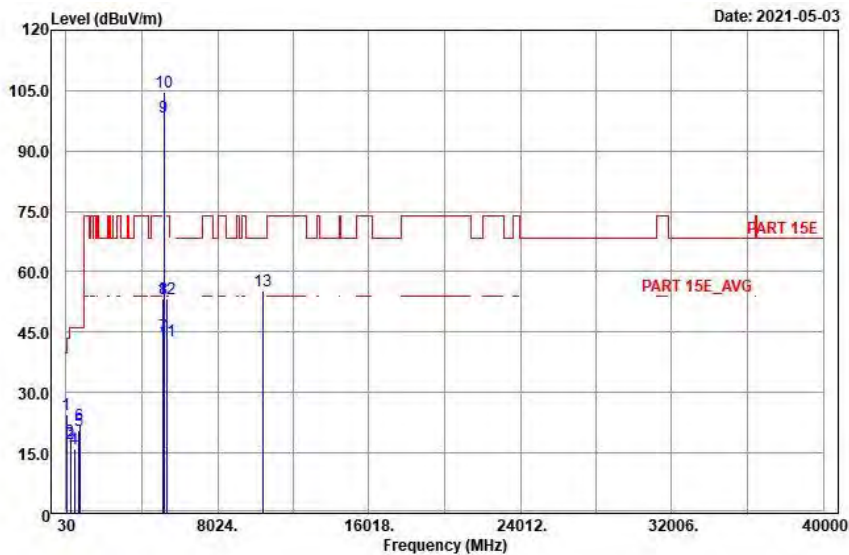


EUT Test Condition		Measurement Detail	
Channel	Channel 40	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Above 1GHz: Peak (PK) Average (AV) Below 1GHz: Quasi-Peak(QP)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



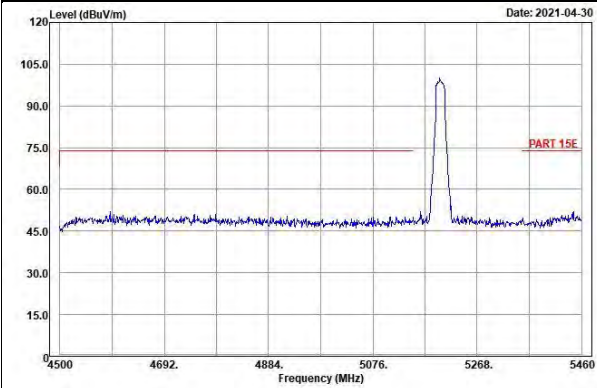
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
109.38	18.08	35.63	-17.55	43.5	-25.42	109	265	QP
244.92	21.81	38.74	-16.93	46	-24.19	121	320	QP
272.73	21.35	37.82	-16.47	46	-24.65	105	255	QP
356	20.85	35.49	-14.64	46	-25.15	104	154	QP
633.9	18.64	29	-10.36	46	-27.36	188	118	QP
831.3	21.15	28.19	-7.04	46	-24.85	131	122	QP
5150	43.65	33.6	10.05	54	-10.35	152	130	Average
5150	53.26	43.21	10.05	74	-20.74	152	130	Peak
5200	95.7	85.54	10.16			152	130	Average
5200	101.95	91.79	10.16			152	130	Peak
5350	42.76	32.53	10.23	54	-11.24	152	130	Average
5350	52.79	42.56	10.23	74	-21.21	152	130	Peak
*10400	55.6	39.42	16.18	68.2	-12.6	226	346	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
33.51	24.47	42.36	-17.89	40	-15.53	151	326	QP
253.83	17.47	34.25	-16.78	46	-28.53	105	285	QP
263.28	17.84	34.48	-16.64	46	-28.16	177	174	QP
461	15.86	28.98	-13.12	46	-30.14	145	4	QP
707.4	20.5	29.62	-9.12	46	-25.5	193	335	QP
755.7	21.8	30.18	-8.38	46	-24.2	121	301	QP
5150	44.13	34.08	10.05	54	-9.87	188	87	Average
5150	53.4	43.35	10.05	74	-20.6	188	87	Peak
5200	98.48	88.32	10.16			188	87	Average
5200	104.71	94.55	10.16			188	87	Peak
5350	42.83	32.6	10.23	54	-11.17	188	87	Average
5350	53.31	43.08	10.23	74	-20.69	188	87	Peak
*10400	55.27	39.09	16.18	68.2	-12.93	116	273	Peak

Remarks:

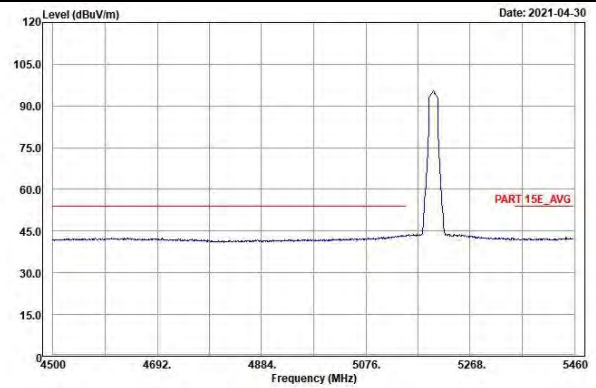
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5200 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 40

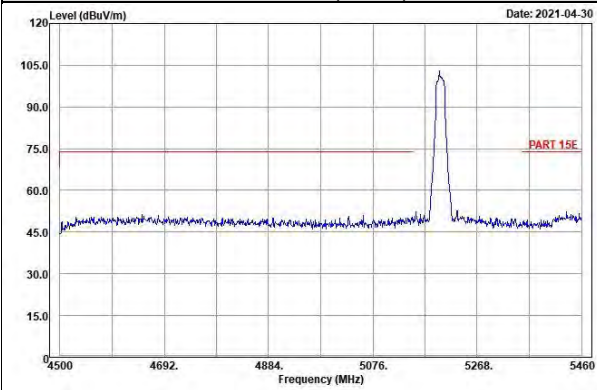
Horizontal (Peak)



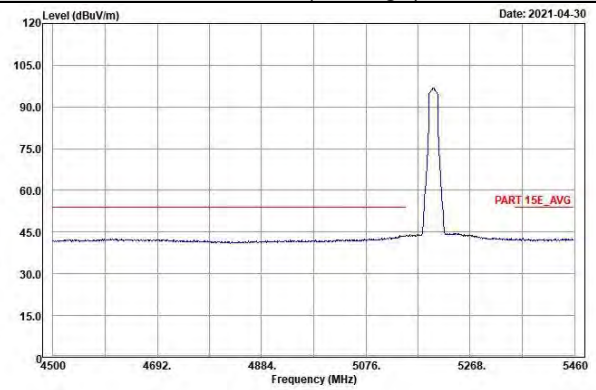
Horizontal (Average)



Vertical (Peak)

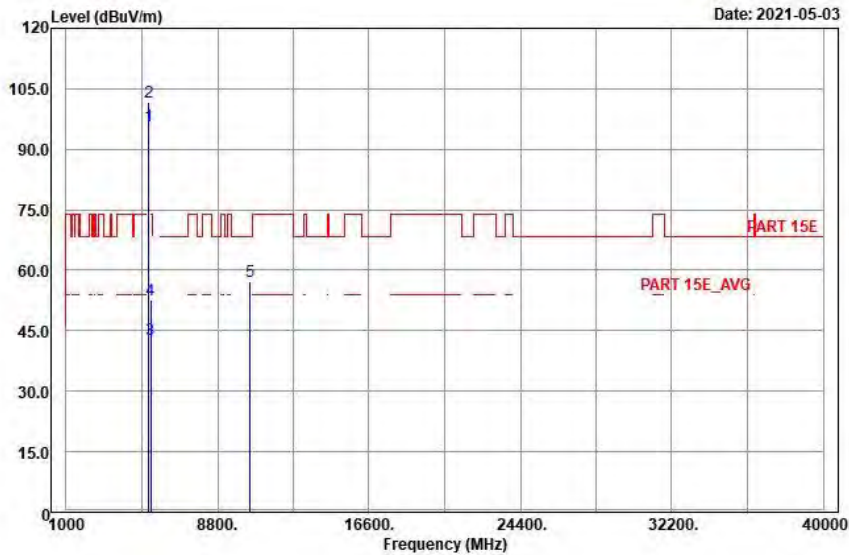


Vertical (Average)

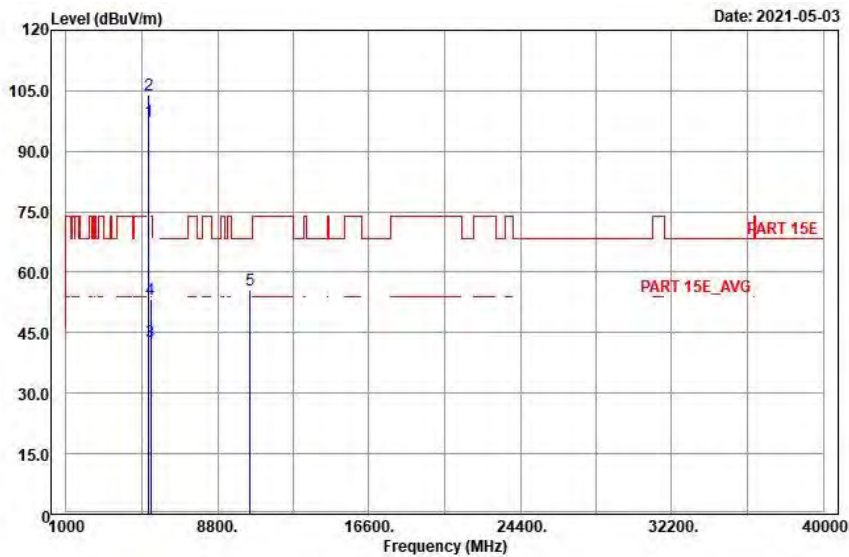


EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	95.73	85.59	10.14			152	130	Average
5240	101.62	91.48	10.14			152	130	Peak
5350	42.85	32.62	10.23	54	-11.15	152	130	Average
5350	52.69	42.46	10.23	74	-21.31	152	130	Peak
*10480	57.19	41.29	15.9	68.2	-11.01	112	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
5240	97.3	87.16	10.14			188	87	Average
5240	103.94	93.8	10.14			188	87	Peak
5350	42.93	32.7	10.23	54	-11.07	188	87	Average
5350	53.45	43.22	10.23	74	-20.55	188	87	Peak
*10480	55.57	39.67	15.9	68.2	-12.63	180	37	Peak

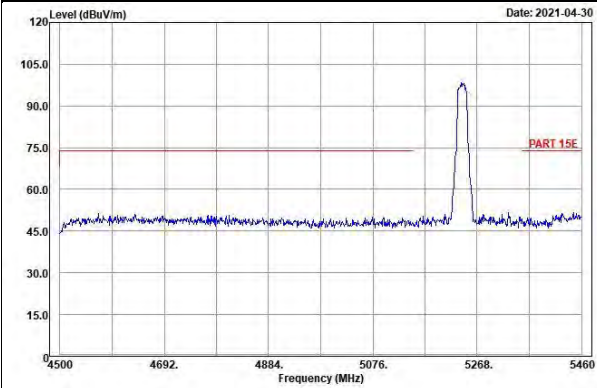
Remarks:

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

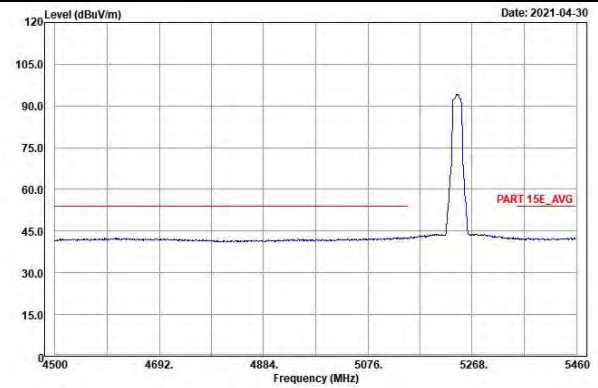


### Channel 48

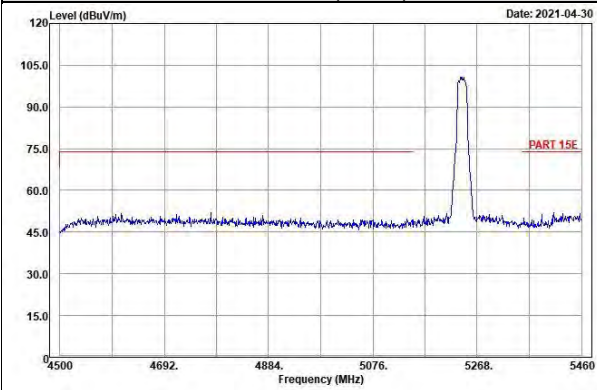
#### Horizontal (Peak)



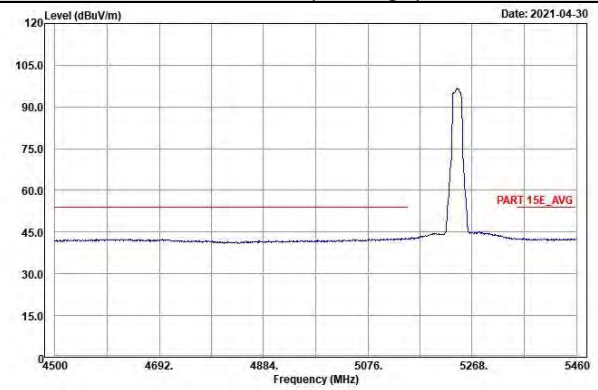
#### Horizontal (Average)



#### Vertical (Peak)

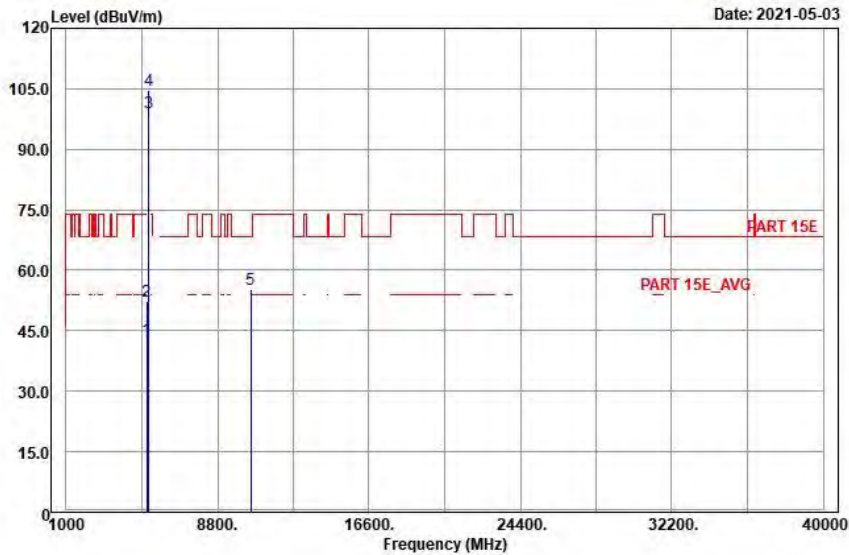


#### Vertical (Average)

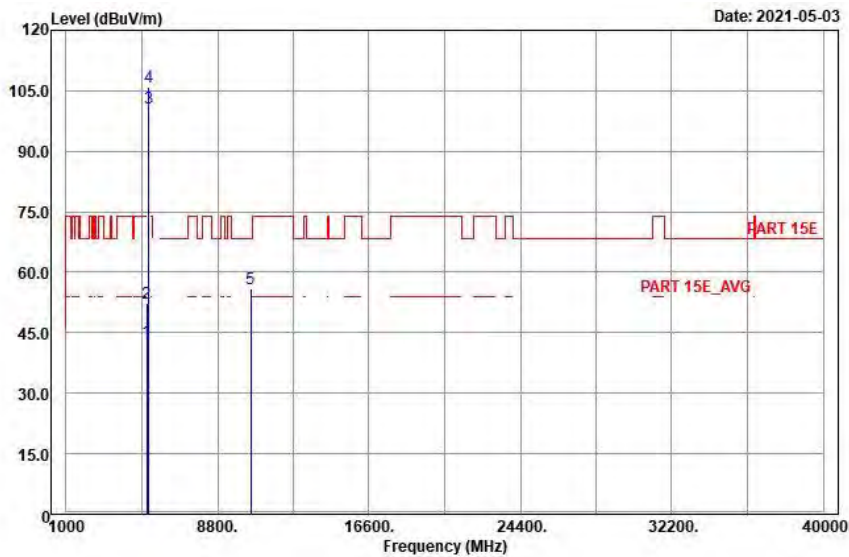


EUT Test Condition		Measurement Detail	
Channel	Channel 52	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



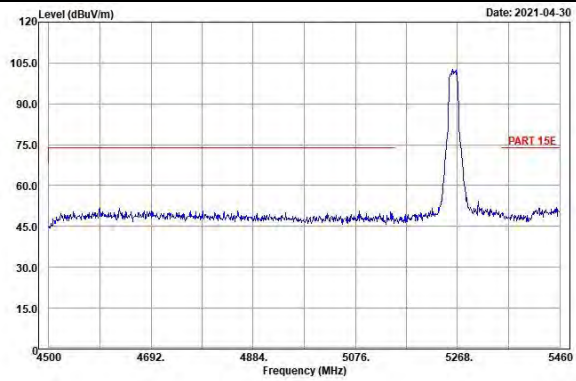
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.74	32.69	10.05	54	-11.26	155	114	Average
5150	52.16	42.11	10.05	74	-21.84	155	114	Peak
5260	98.98	88.86	10.12			155	114	Average
5260	104.64	94.52	10.12			155	114	Peak
*10520	55.21	39.33	15.88	68.2	-12.99	161	334	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	42.9	32.85	10.05	54	-11.1	220	87	Average
5150	52.38	42.33	10.05	74	-21.62	220	87	Peak
5260	100.58	90.46	10.12			220	87	Average
5260	106.09	95.97	10.12			220	87	Peak
*10520	55.77	39.89	15.88	68.2	-12.43	211	183	Peak

Remarks:

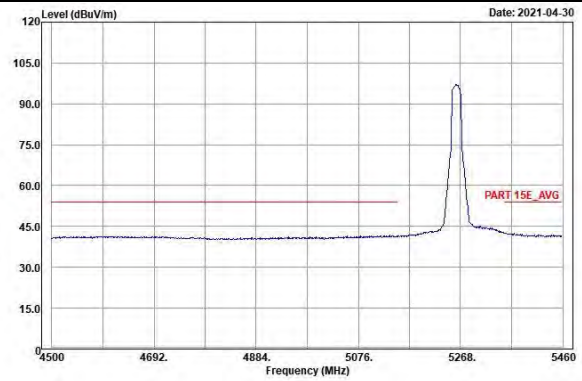
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5260 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 52

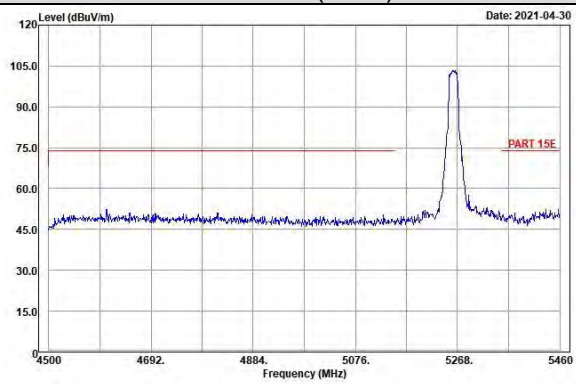
Horizontal (Peak)



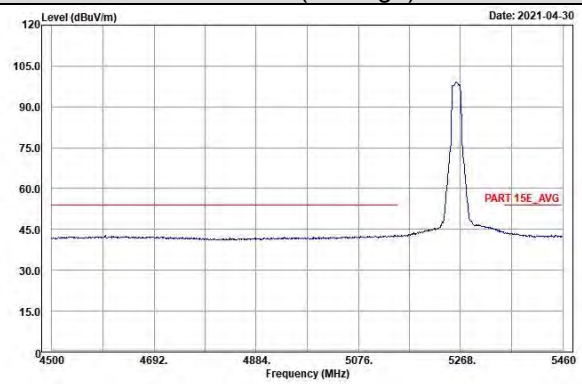
Horizontal (Average)



Vertical (Peak)

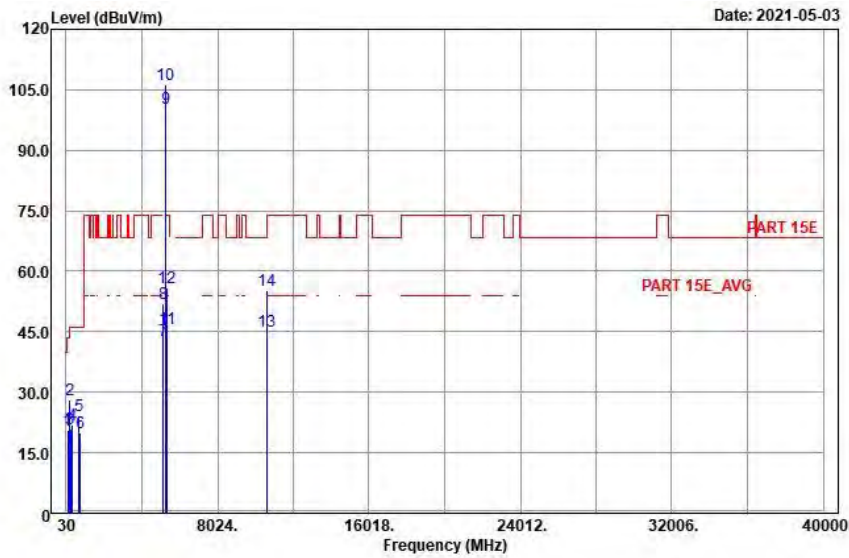


Vertical (Average)

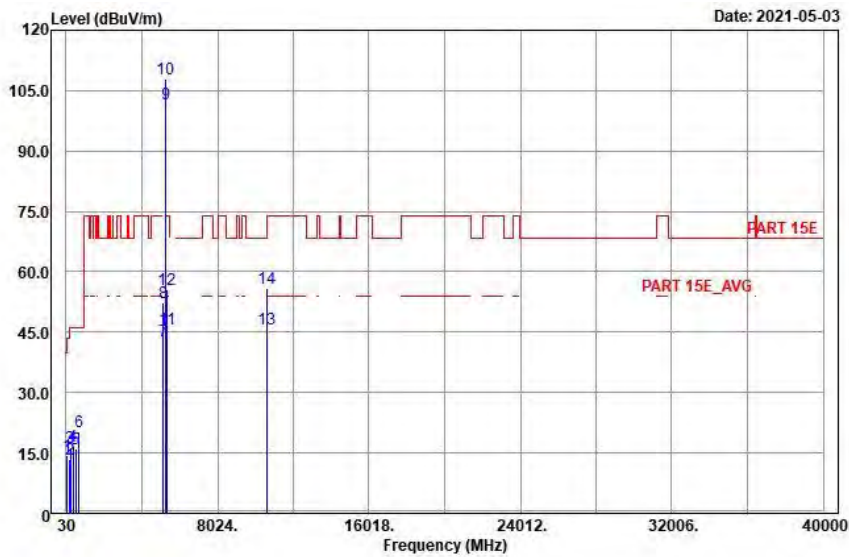


EUT Test Condition		Measurement Detail	
Channel	Channel 60	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Above 1GHz: Peak (PK) Average (AV) Below 1GHz: Quasi-Peak(QP)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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
113.16	20.67	38.7	-18.03	43.5	-22.83	116	78	QP
214.68	28.14	46.16	-18.02	43.5	-15.36	105	231	QP
270.57	21.06	37.58	-16.52	46	-24.94	158	5	QP
353.2	21.9	36.58	-14.68	46	-24.1	125	111	QP
721.4	24.13	32.92	-8.79	46	-21.87	105	241	QP
769	19.9	28.16	-8.26	46	-26.1	169	296	QP
5150	42.71	32.66	10.05	54	-11.29	155	114	Average
5150	52.1	42.05	10.05	74	-21.9	155	114	Peak
5300	100.48	90.42	10.06			155	114	Average
5300	106.13	96.07	10.06			155	114	Peak
5350	45.66	35.43	10.23	54	-8.34	155	114	Average
5350	55.95	45.72	10.23	74	-18.05	155	114	Peak
10600	45.25	29.49	15.76	54	-8.75	231	217	Average
10600	55.35	39.59	15.76	74	-18.65	231	217	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

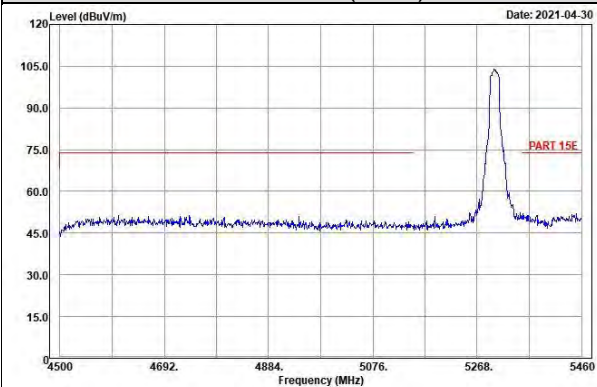
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
65.37	14.42	31.93	-17.51	40	-25.58	135	265	QP
234.12	13.4	30.68	-17.28	46	-32.6	108	185	QP
253.29	16.35	33.15	-16.8	46	-29.65	147	154	QP
399.4	16.55	30.49	-13.94	46	-29.45	105	165	QP
550.6	15.86	27.41	-11.55	46	-30.14	124	322	QP
701.1	20.29	29.51	-9.22	46	-25.71	170	189	QP
5150	42.8	32.75	10.05	54	-11.2	220	87	Average
5150	52.2	42.15	10.05	74	-21.8	220	87	Peak
5300	101.55	91.49	10.06			220	87	Average
5300	107.86	97.8	10.06			220	87	Peak
5350	45.82	35.59	10.23	54	-8.18	220	87	Average
5350	55.6	45.37	10.23	74	-18.4	220	87	Peak
10600	45.76	30	15.76	54	-8.24	263	187	Average
10600	55.92	40.16	15.76	74	-18.08	263	187	Peak

Remarks:

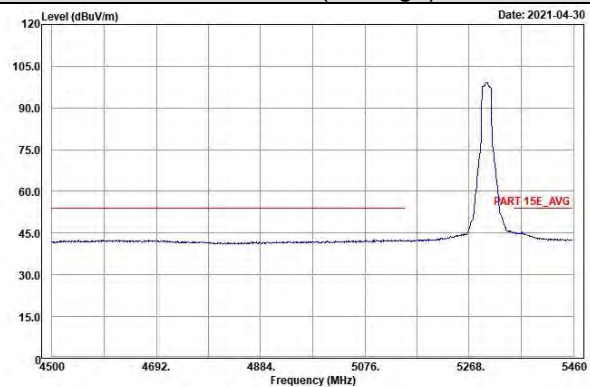
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5300 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 60

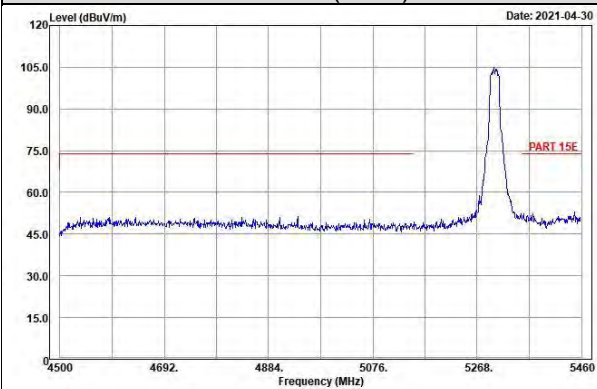
Horizontal (Peak)



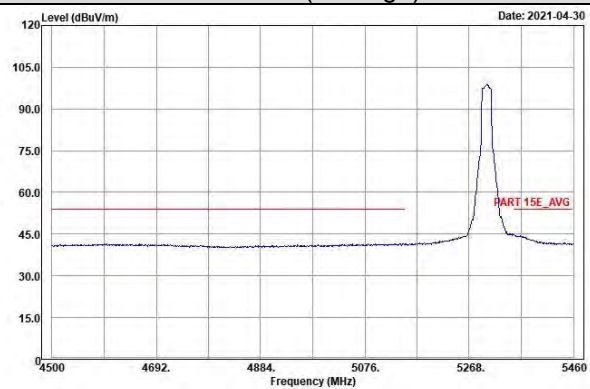
Horizontal (Average)



Vertical (Peak)

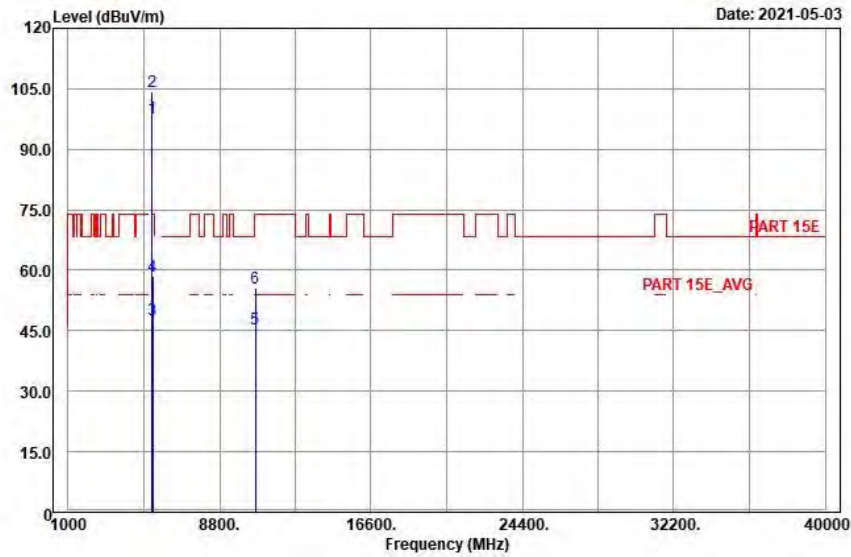


Vertical (Average)

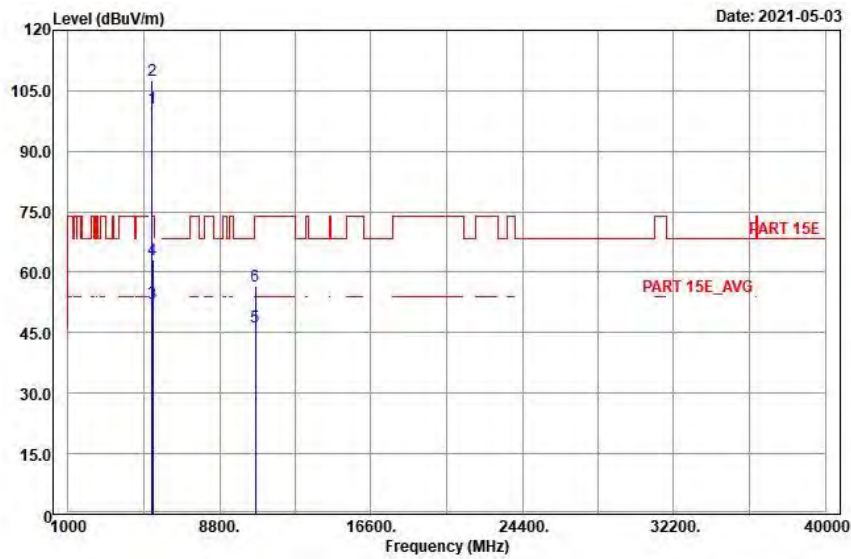


EUT Test Condition		Measurement Detail	
Channel	Channel 64	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical





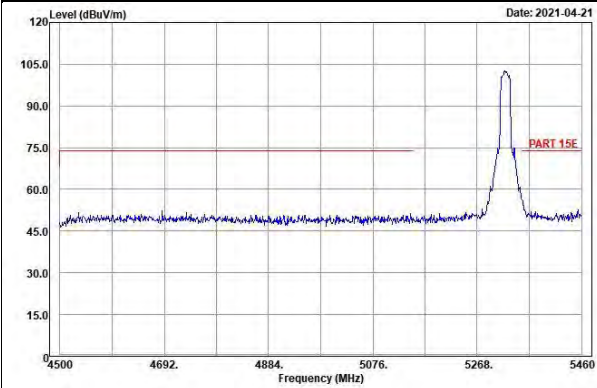
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5320	97.67	87.58	10.09			176	130	Average
5320	104.38	94.29	10.09			176	130	Peak
5350	47.83	37.6	10.23	54	-6.17	176	130	Average
5350	58.48	48.25	10.23	74	-15.52	176	130	Peak
10640	45.33	29.34	15.99	54	-8.67	191	71	Average
10640	55.5	39.51	15.99	74	-18.5	191	71	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	100.84	90.75	10.09			198	96	Average
5320	107.46	97.37	10.09			198	96	Peak
<b>5350</b>	<b>52.47</b>	<b>42.24</b>	<b>10.23</b>	<b>54</b>	<b>-1.53</b>	<b>198</b>	<b>96</b>	<b>Average</b>
5350	63.25	53.02	10.23	74	-10.75	198	96	Peak
10640	46.53	30.54	15.99	54	-7.47	118	327	Average
10640	56.65	40.66	15.99	74	-17.35	118	327	Peak

Remarks:

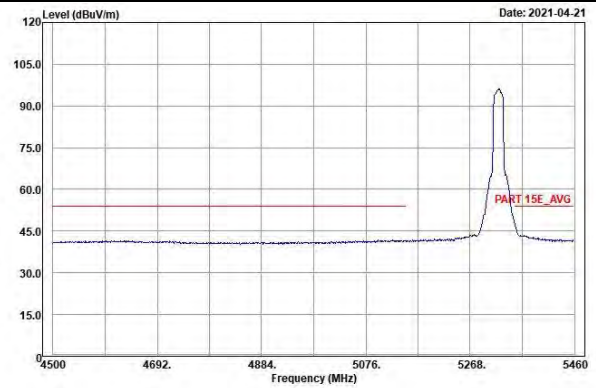
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5320 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 64

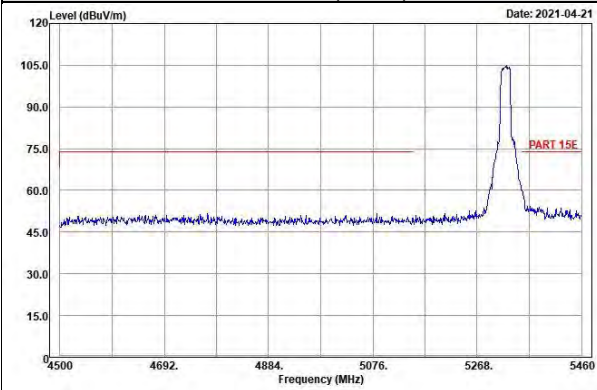
Horizontal (Peak)



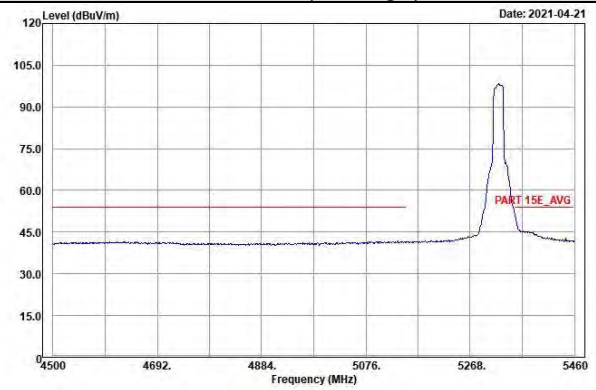
Horizontal (Average)



Vertical (Peak)

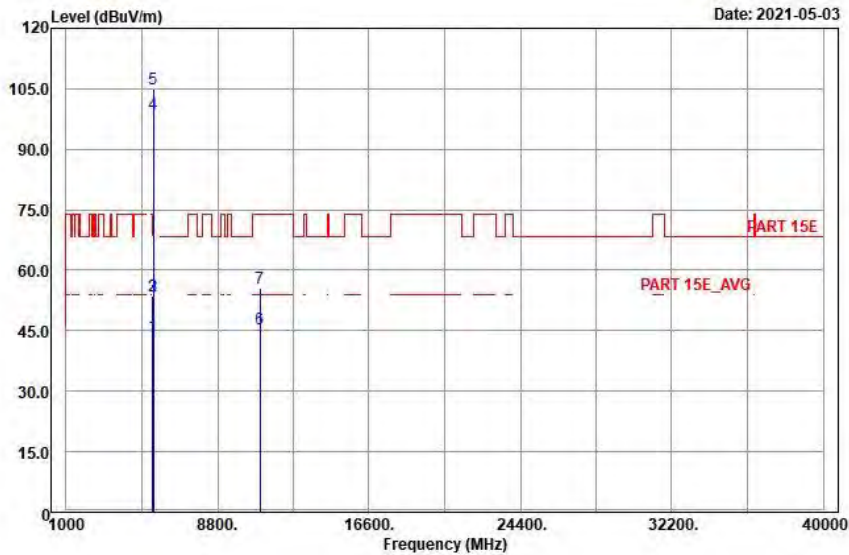


Vertical (Average)

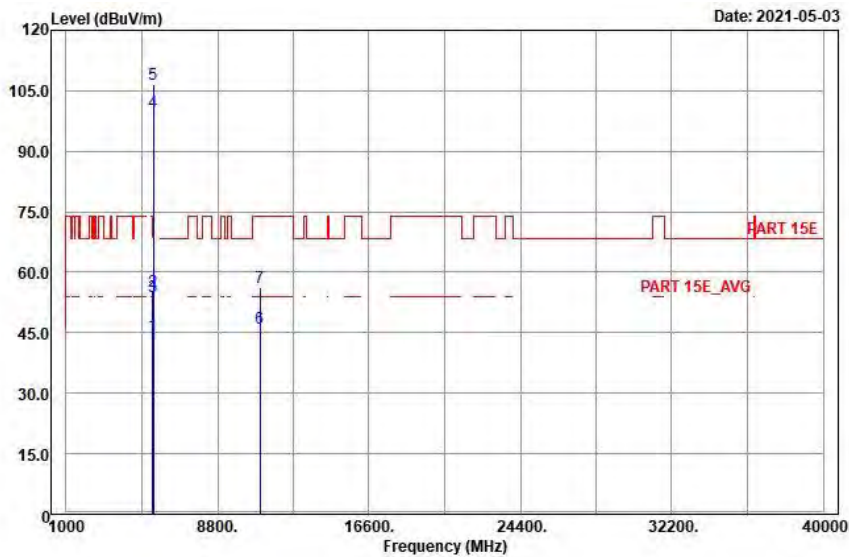


EUT Test Condition		Measurement Detail	
Channel	Channel 100	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



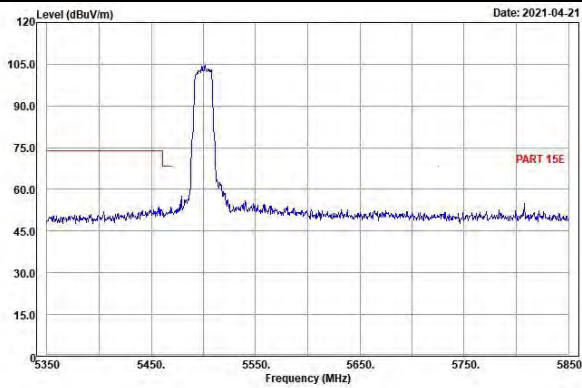
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.83	33.32	10.51	54	-10.17	176	130	Average
5460	53.65	43.14	10.51	74	-20.35	176	130	Peak
*5470	53.64	43.11	10.53	68.2	-14.56	176	130	Peak
5500	98.59	87.99	10.6			176	130	Average
5500	105.01	94.41	10.6			176	130	Peak
11000	45.59	29.46	16.13	54	-8.41	118	264	Average
11000	55.74	39.61	16.13	74	-18.26	118	264	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	44.61	34.1	10.51	54	-9.39	198	87	Average
5460	55.17	44.66	10.51	74	-18.83	198	87	Peak
*5470	54.06	43.53	10.53	68.2	-14.14	198	87	Peak
5500	99.68	89.08	10.6			198	87	Average
5500	106.49	95.89	10.6			198	87	Peak
11000	46.11	29.98	16.13	54	-7.89	132	182	Average
11000	56.34	40.21	16.13	74	-17.66	132	182	Peak

Remarks:

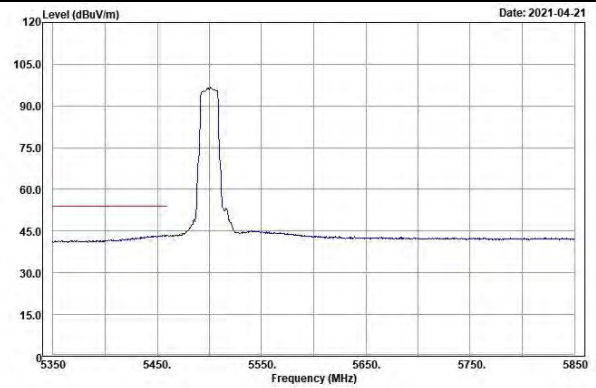
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5500 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 100

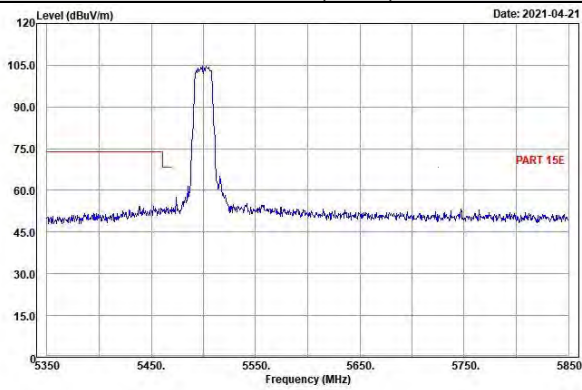
Horizontal (Peak)



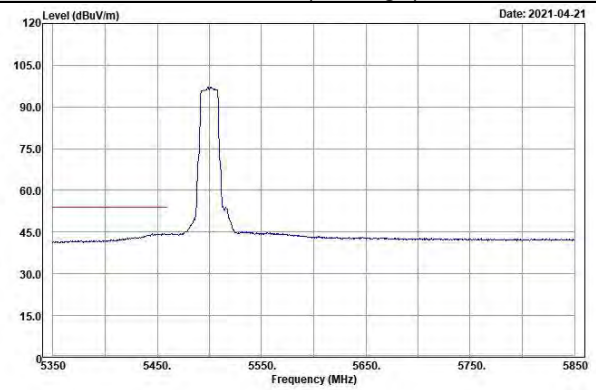
Horizontal (Average)



Vertical (Peak)

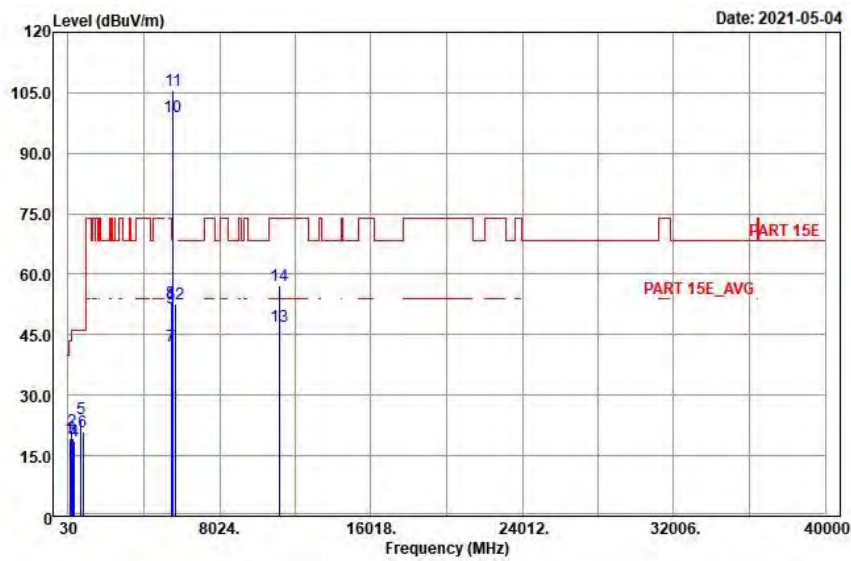


Vertical (Average)

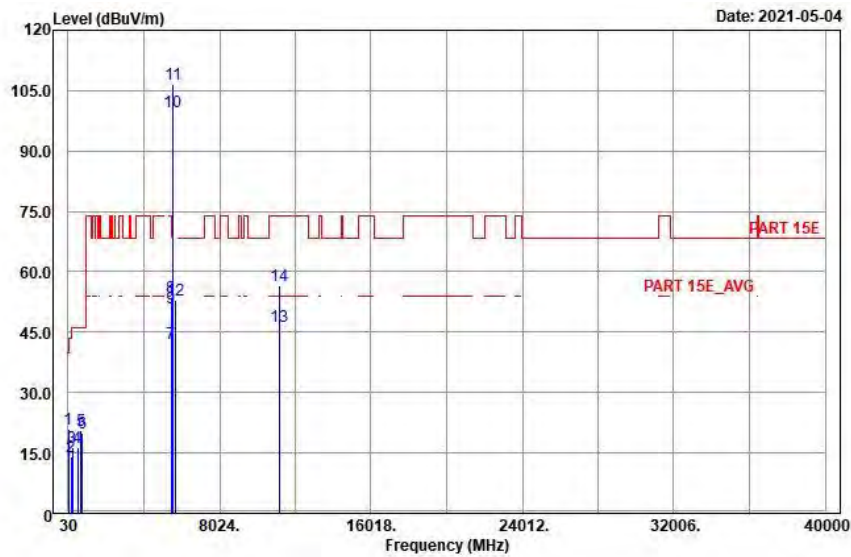


EUT Test Condition		Measurement Detail	
Channel	Channel 116	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Above 1GHz: Peak (PK) Average (AV) Below 1GHz: Quasi-Peak(QP)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



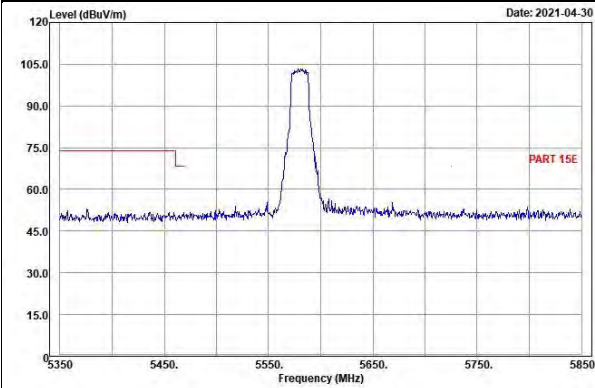
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
115.86	19.42	37.94	-18.52	43.5	-24.08	110	241	QP
217.11	21.33	39.25	-17.92	46	-24.67	171	154	QP
259.77	19.35	36.03	-16.68	46	-26.65	105	162	QP
365.8	18.59	33.06	-14.47	46	-27.41	105	4	QP
709.5	24.34	33.41	-9.07	46	-21.66	195	87	QP
798.4	20.91	28.54	-7.63	46	-25.09	198	209	QP
5460	42.11	31.6	10.51	54	-11.89	176	130	Average
5460	52.87	42.36	10.51	74	-21.13	176	130	Peak
*5470	51.58	41.05	10.53	68.2	-16.62	176	130	Peak
5580	98.95	88.24	10.71			176	130	Average
5580	105.58	94.87	10.71			176	130	Peak
*5725	52.79	41.87	10.92	68.2	-15.41	176	130	Peak
11160	47.16	30.8	16.36	54	-6.84	216	32	Average
11160	57.3	40.94	16.36	74	-16.7	216	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
33.78	20.77	38.66	-17.89	40	-19.23	133	185	QP
202.26	14.06	32.26	-18.2	43.5	-29.44	105	111	QP
264.63	16.42	33.02	-16.6	46	-29.58	178	44	QP
531	16.48	28.34	-11.86	46	-29.52	153	154	QP
711.6	20.64	29.66	-9.02	46	-25.36	177	200	QP
760.6	20.07	28.31	-8.24	46	-25.93	176	120	QP
5460	42.31	31.8	10.51	54	-11.69	198	87	Average
5460	53.49	42.98	10.51	74	-20.51	198	87	Peak
*5470	50.99	40.46	10.53	68.2	-17.21	198	87	Peak
5580	99.78	89.07	10.71			198	87	Average
5580	106.5	95.79	10.71			198	87	Peak
*5725	53.02	42.1	10.92	68.2	-15.18	198	87	Peak
11160	46.28	29.92	16.36	54	-7.72	151	173	Average
11160	56.47	40.11	16.36	74	-17.53	151	173	Peak

Remarks:

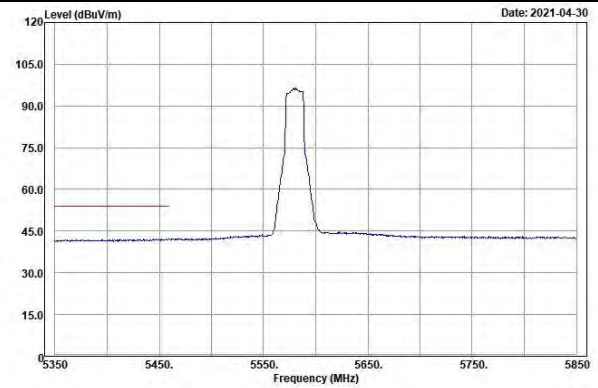
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5580 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 116

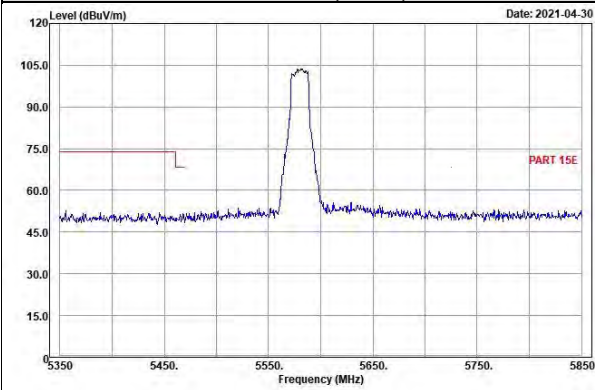
Horizontal (Peak)



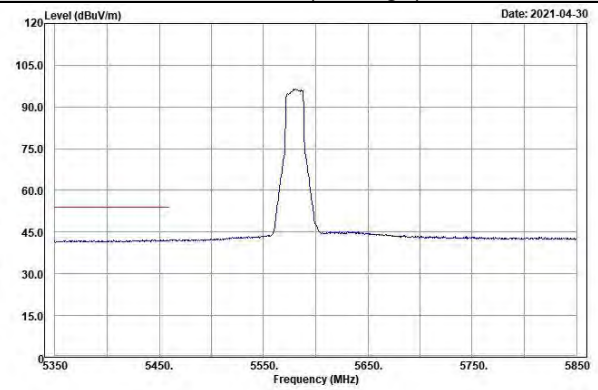
Horizontal (Average)



Vertical (Peak)



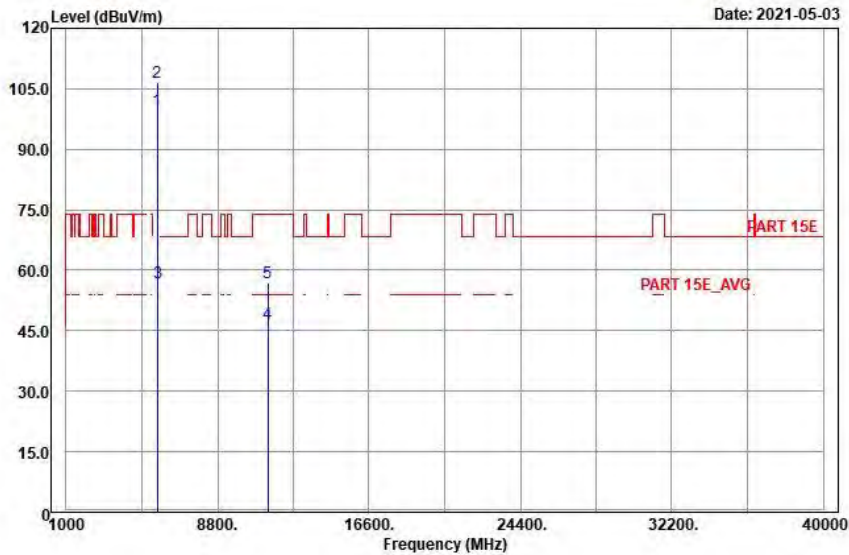
Vertical (Average)



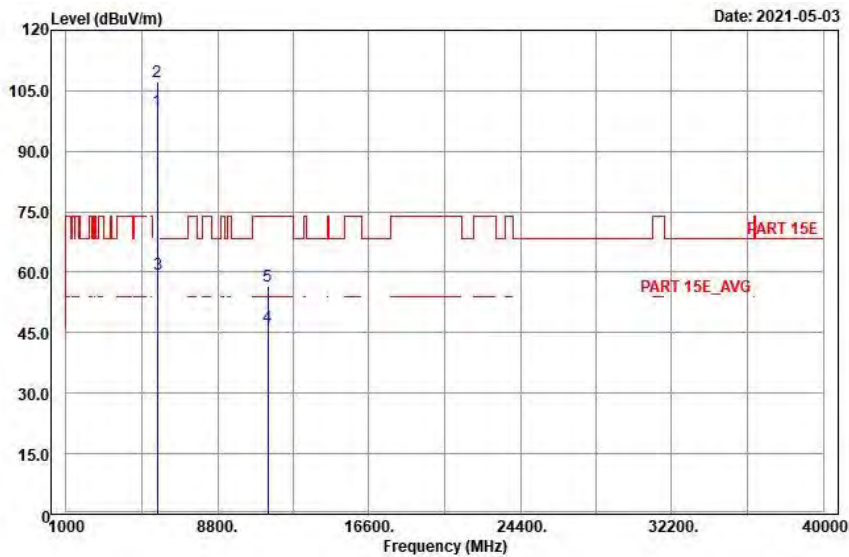


EUT Test Condition		Measurement Detail	
Channel	Channel 140	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



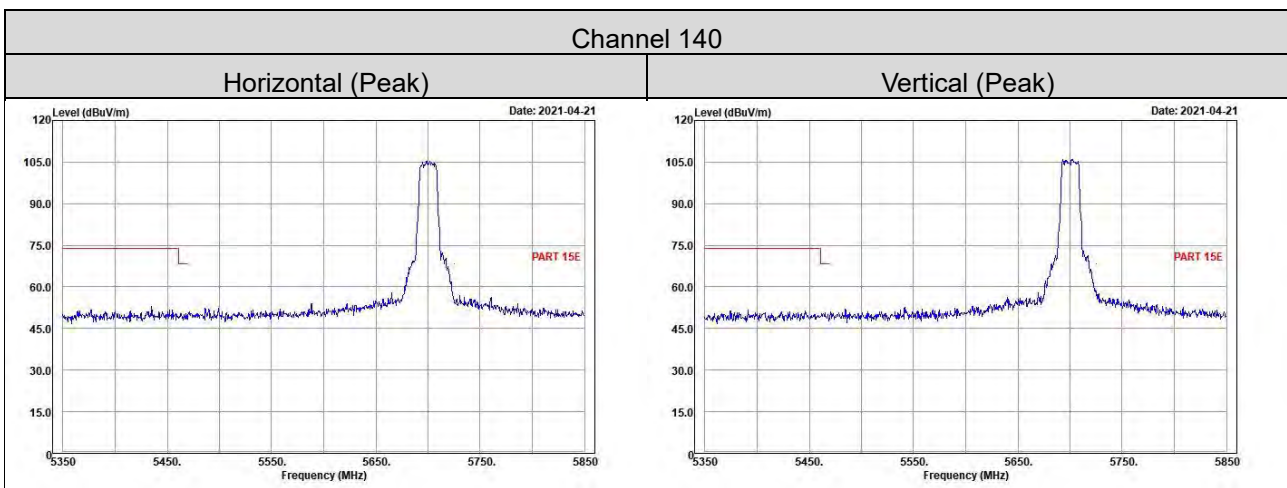
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5700	99.65	88.7	10.95			176	130	Average
5700	106.62	95.67	10.95			176	130	Peak
*5725	57.06	46.14	10.92	68.2	-11.14	176	130	Peak
11400	46.84	30.65	16.19	54	-7.16	232	282	Average
11400	56.96	40.77	16.19	74	-17.04	232	282	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	100.14	89.19	10.95			198	87	Average
5700	107.34	96.39	10.95			198	87	Peak
*5725	59.44	48.52	10.92	68.2	-8.76	198	87	Peak
11400	46.34	30.15	16.19	54	-7.66	116	80	Average
11400	56.69	40.5	16.19	74	-17.31	116	80	Peak

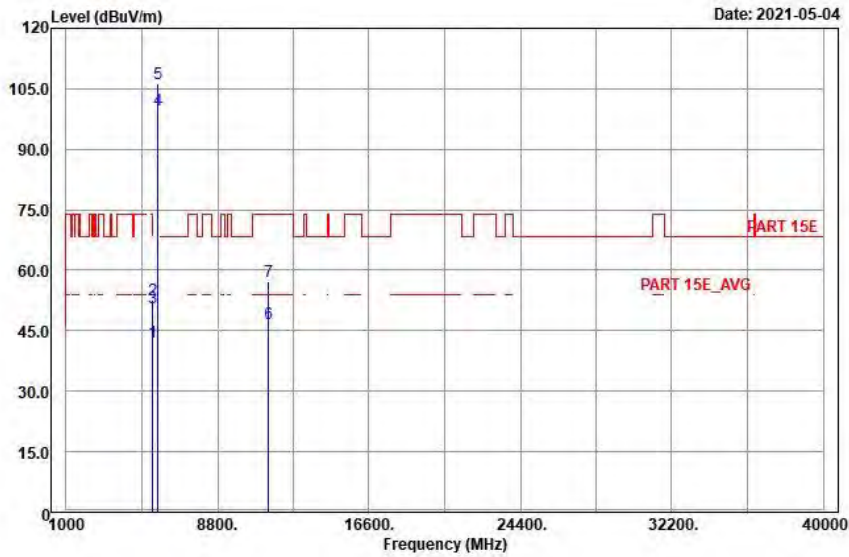
Remarks:

- 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.

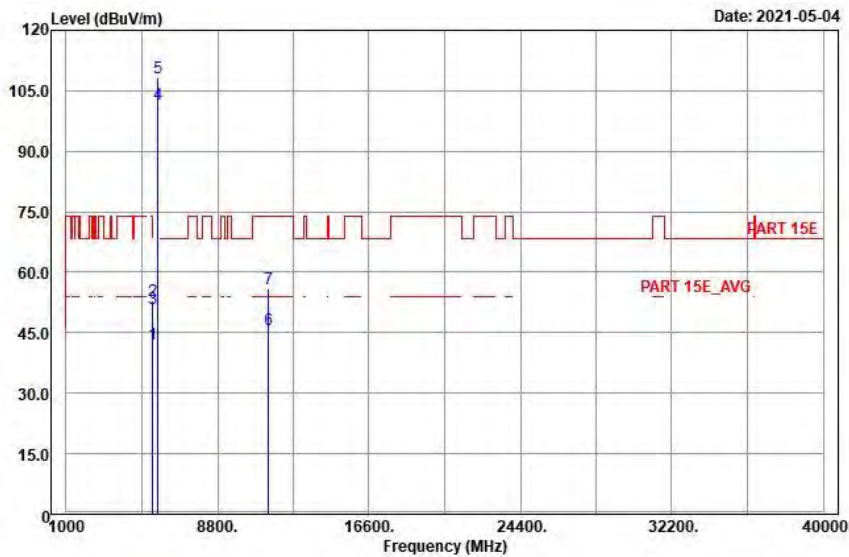


EUT Test Condition		Measurement Detail	
Channel	Channel 144	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



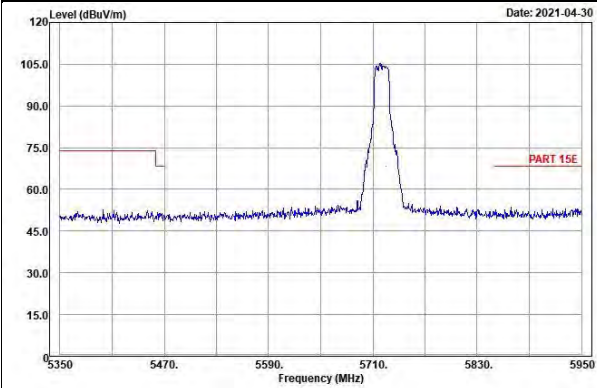
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.12	31.61	10.51	54	-11.88	176	130	Average
5460	52.52	42.01	10.51	74	-21.48	176	130	Peak
*5470	50.59	40.06	10.53	68.2	-17.61	176	130	Peak
5720	99.64	88.72	10.92			176	130	Average
5720	106.13	95.21	10.92			176	130	Peak
11440	46.79	30.5	16.29	54	-7.21	180	3	Average
11440	57.07	40.78	16.29	74	-16.93	180	3	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	42.31	31.8	10.51	54	-11.69	198	87	Average
5460	52.84	42.33	10.51	74	-21.16	198	87	Peak
*5470	51.09	40.56	10.53	68.2	-17.11	198	87	Peak
5720	101.57	90.65	10.92			198	87	Average
5720	108.23	97.31	10.92			198	87	Peak
11440	45.81	29.52	16.29	54	-8.19	296	141	Average
11440	55.9	39.61	16.29	74	-18.1	296	141	Peak

Remarks:

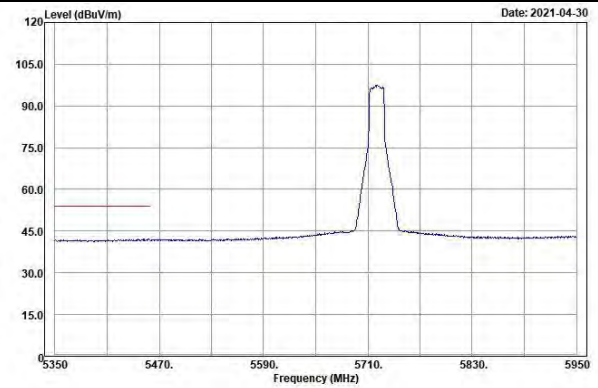
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5720 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 144

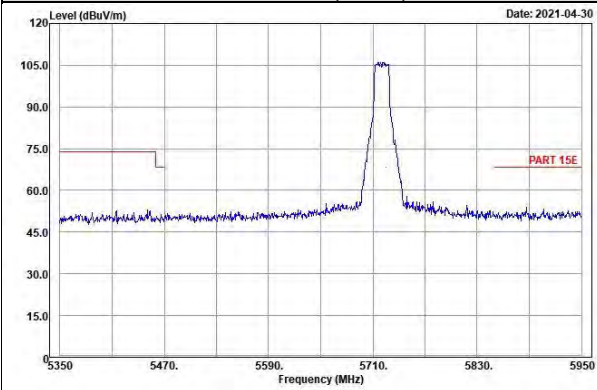
Horizontal (Peak)



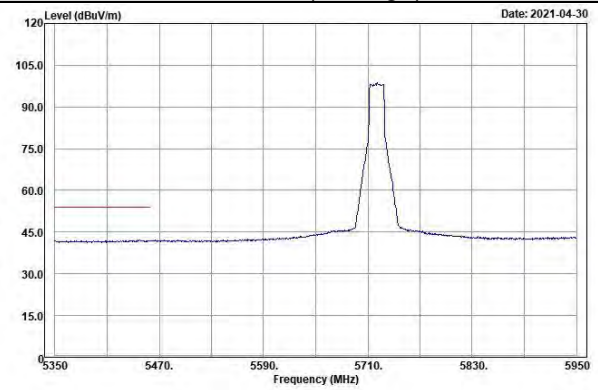
Horizontal (Average)



Vertical (Peak)

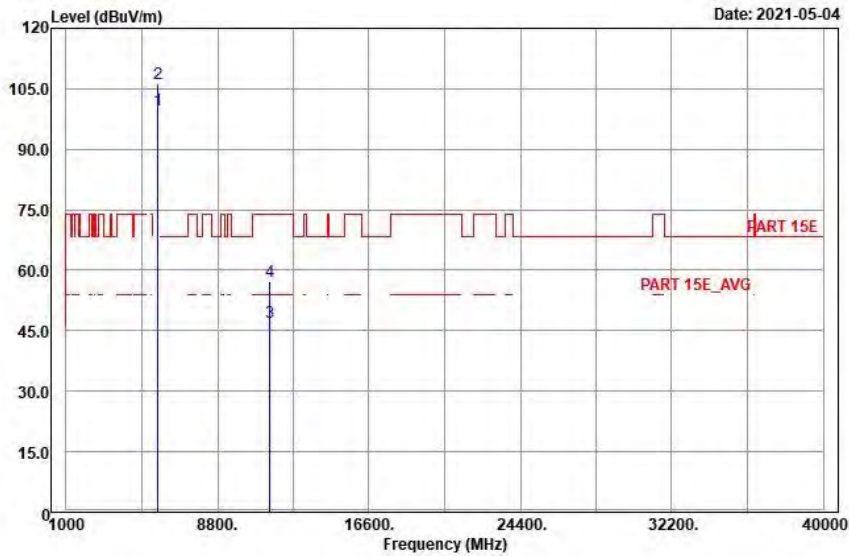


Vertical (Average)

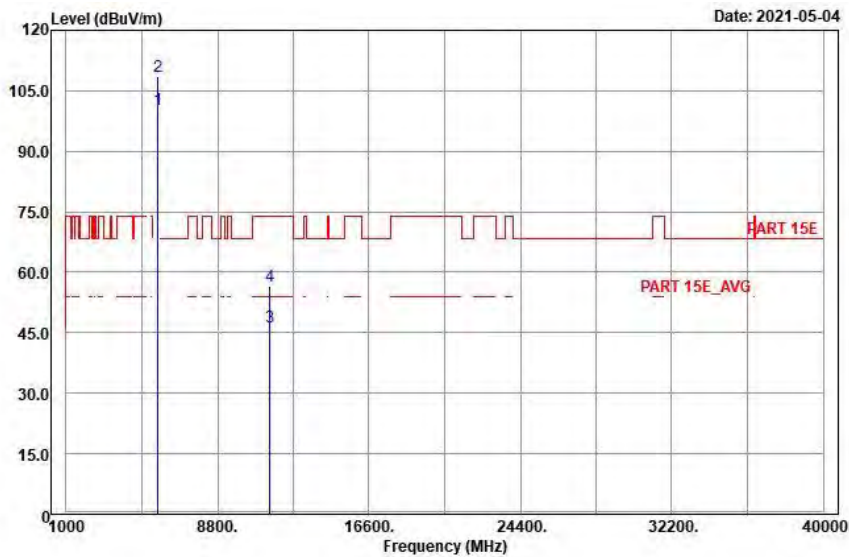


EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

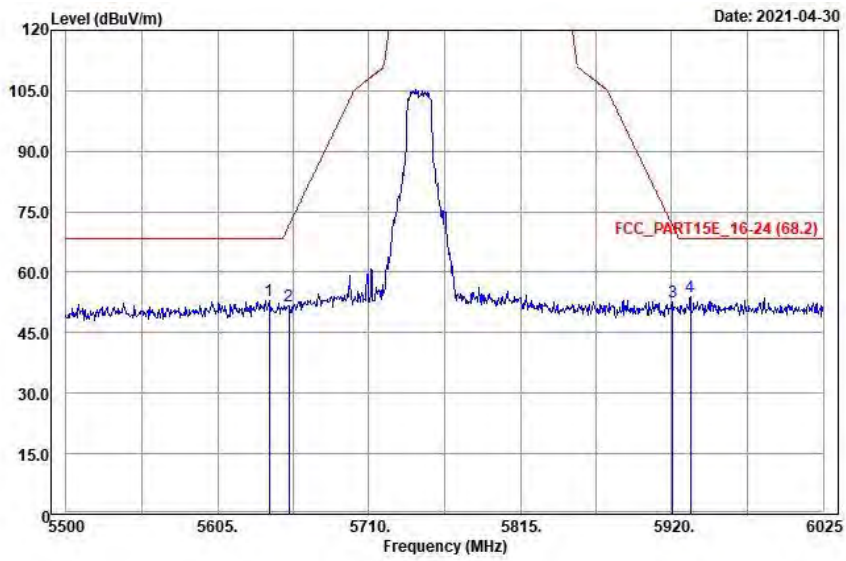
<Spurious Emission>  
Horizontal



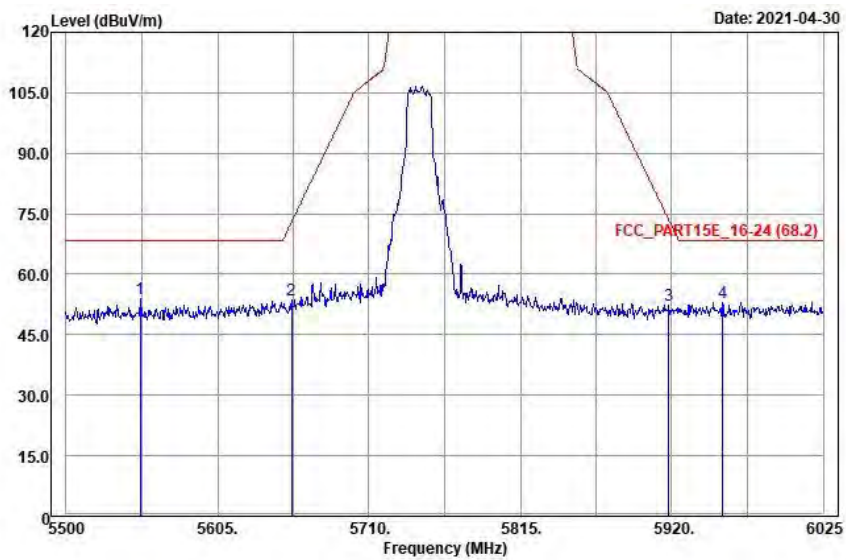
Vertical



<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	99.59	88.71	10.88			176	130	Average
5745	106.24	95.36	10.88			176	130	Peak
11490	46.95	30.48	16.47	54	-7.05	293	41	Average
11490	57.1	40.63	16.47	74	-16.9	293	41	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	100.47	89.59	10.88			198	87	Average
5745	108.52	97.64	10.88			198	87	Peak
11490	46.29	29.82	16.47	54	-7.71	262	127	Average
11490	56.42	39.95	16.47	74	-17.58	262	127	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
*5640.7	53.12	42.29	10.83	68.2	-15.08	176	130	Peak
5654.35	51.79	40.92	10.87	71.42	-19.63	176	130	Peak
5920.525	52.7	41.61	11.09	71.51	-18.81	176	130	Peak
*5933.125	54.01	42.9	11.11	68.2	-14.19	176	130	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
*5551.45	53.88	43.2	10.68	68.2	-14.32	198	87	Peak
5656.45	53.75	42.88	10.87	72.97	-19.22	198	87	Peak
5917.9	52.23	41.14	11.09	73.45	-21.22	198	87	Peak
*5955.175	53.13	41.94	11.19	68.2	-15.07	198	87	Peak

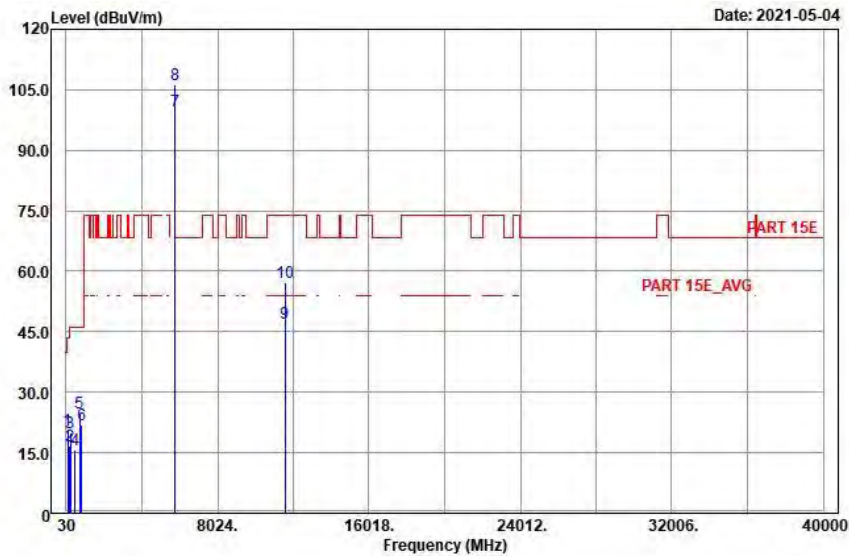
Remarks:

- 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.

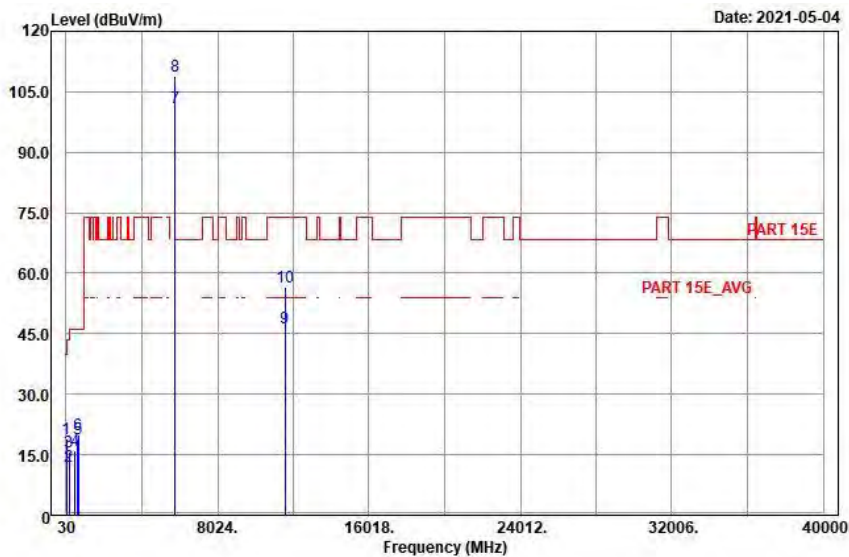


EUT Test Condition		Measurement Detail	
Channel	Channel 157	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Above 1GHz: Peak (PK) Average (AV) Below 1GHz: Quasi-Peak(QP)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

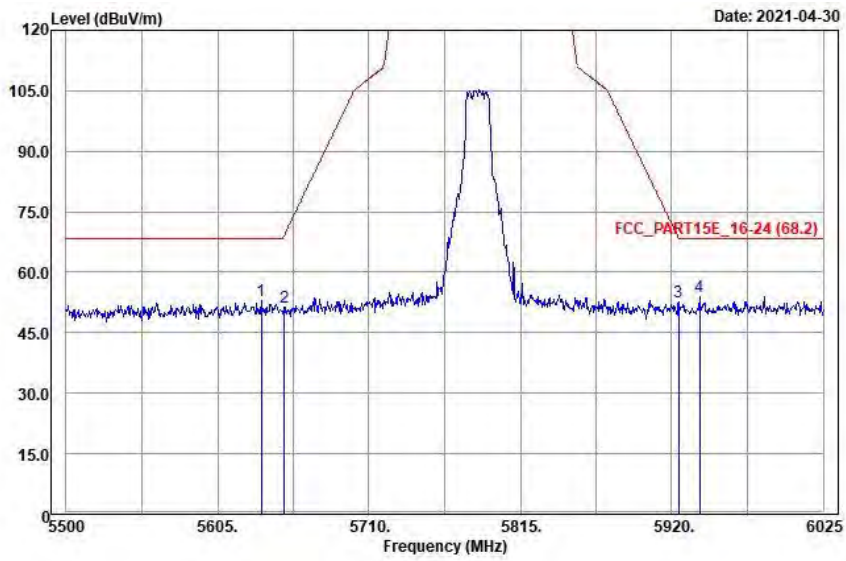
<Spurious Emission>  
Horizontal



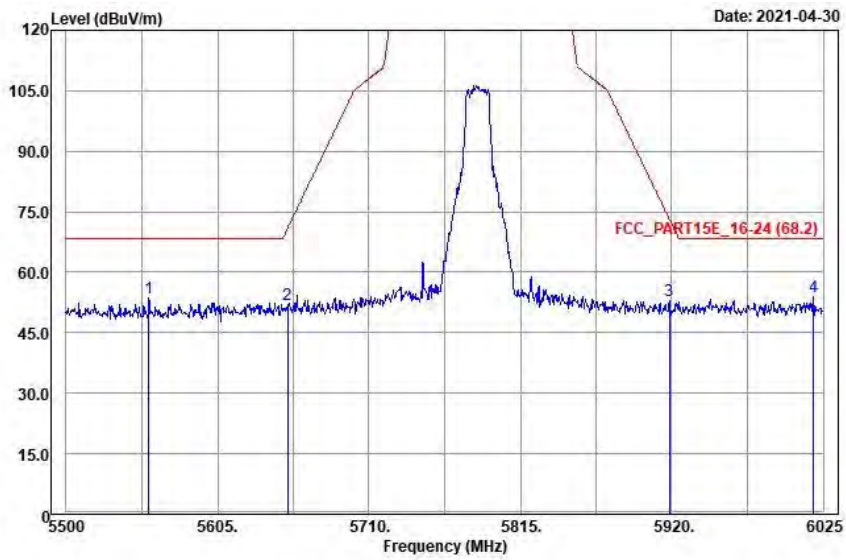
Vertical



**<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
110.73	20.69	38.36	-17.67	43.5	-22.81	173	110	QP
234.93	16.6	33.86	-17.26	46	-29.4	166	152	QP
261.66	19.98	36.63	-16.65	46	-26.02	105	24	QP
482	15.54	28.2	-12.66	46	-30.46	185	155	QP
729.1	24.84	33.51	-8.67	46	-21.16	105	196	QP
853.7	21.83	28.56	-6.73	46	-24.17	153	212	QP
5785	99.88	89.07	10.81			176	130	Average
5785	106.4	95.59	10.81			176	130	Peak
11570	46.93	30.44	16.49	54	-7.07	182	243	Average
11570	57.09	40.6	16.49	74	-16.91	182	243	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
56.46	18.89	34.52	-15.63	40	-21.11	186	134	QP
187.41	12.03	31	-18.97	43.5	-31.47	105	103	QP
197.4	15.53	33.84	-18.31	43.5	-27.97	177	185	QP
482.7	16.09	28.74	-12.65	46	-29.91	157	178	QP
643.7	19.01	29.22	-10.21	46	-26.99	105	306	QP
669.6	19.96	29.6	-9.64	46	-26.04	166	132	QP
5785	101.16	90.35	10.81			198	87	Average
5785	108.77	97.96	10.81			198	87	Peak
11570	46.48	29.99	16.49	54	-7.52	126	239	Average
11570	56.64	40.15	16.49	74	-17.36	126	239	Peak

<Out of Band Emission (OOBE)>

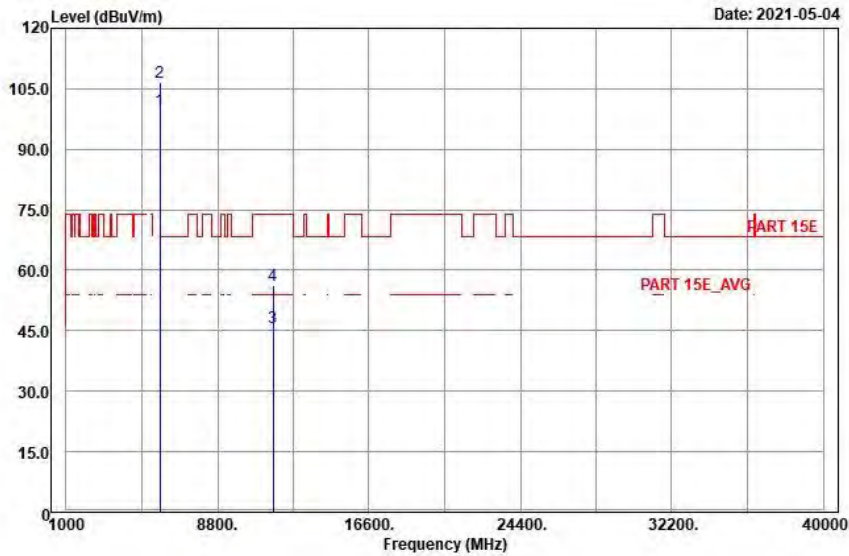
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5635.45	52.93	42.1	10.83	68.2	-15.27	176	130	Peak
5651.2	51.28	40.41	10.87	69.09	-17.81	176	130	Peak
5924.725	52.68	41.57	11.11	68.4	-15.72	176	130	Peak
*5939.425	53.98	42.8	11.18	68.2	-14.22	176	130	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
*5557.225	53.62	42.94	10.68	68.2	-14.58	198	87	Peak
5653.825	51.84	40.97	10.87	71.03	-19.19	198	87	Peak
5918.425	52.85	41.76	11.09	73.07	-20.22	198	87	Peak
*6018.175	54	42.65	11.35	68.2	-14.2	198	87	Peak

Remarks:

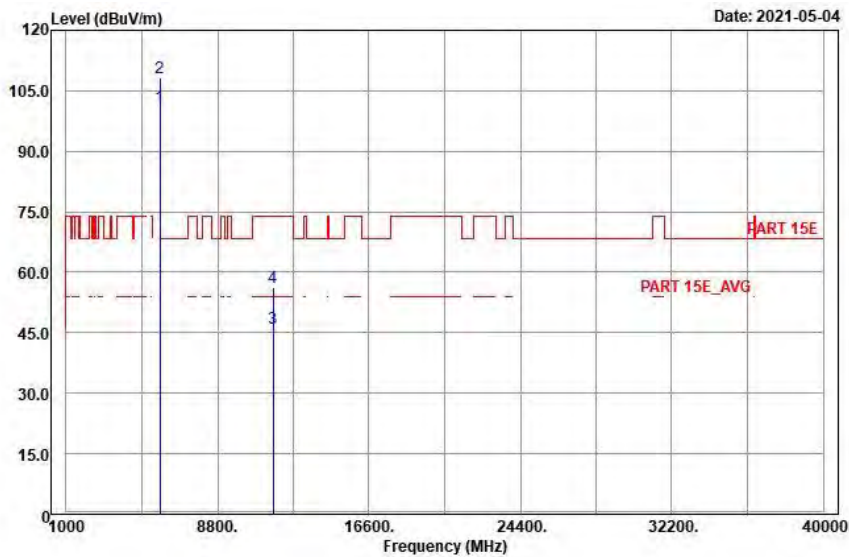
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5785 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

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	Karl Lee, Charles Hsiao

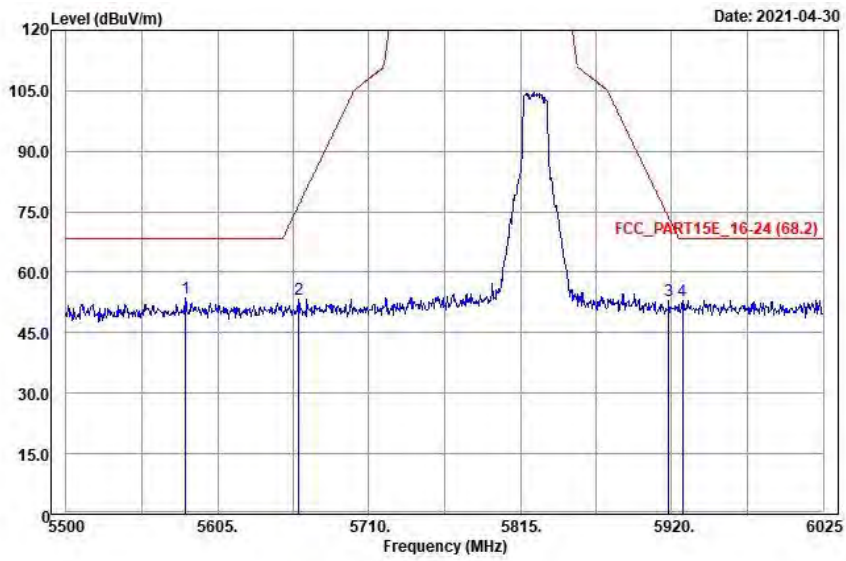
<Spurious Emission>  
Horizontal



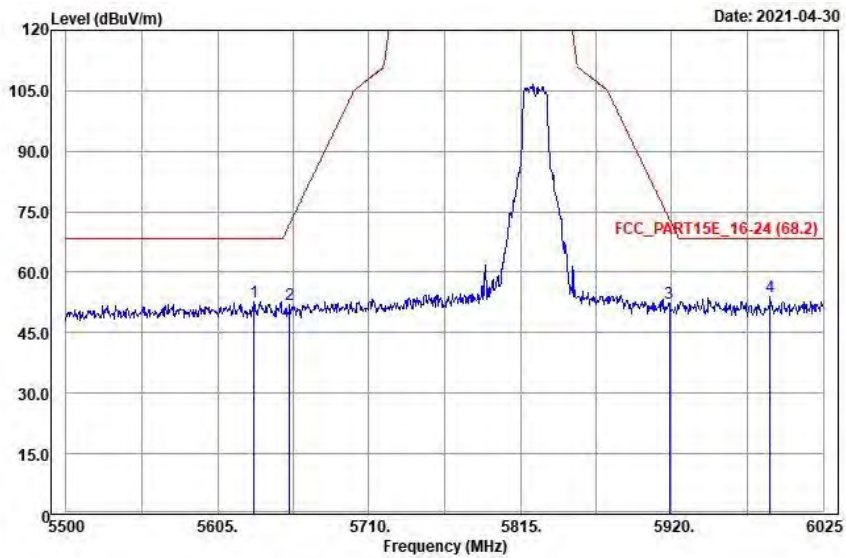
Vertical



**<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	99.85	88.97	10.88			176	130	Average
5825	106.7	95.82	10.88			176	130	Peak
11650	45.86	29.08	16.78	54	-8.14	131	180	Average
11650	56.15	39.37	16.78	74	-17.85	131	180	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	101.11	90.23	10.88			198	87	Average
5825	108.26	97.38	10.88			198	87	Peak
11650	46.12	29.34	16.78	54	-7.88	122	79	Average
11650	56.25	39.47	16.78	74	-17.75	122	79	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
*5582.95	53.68	42.95	10.73	68.2	-14.52	176	130	Peak
5661.175	53.32	42.45	10.87	76.47	-23.15	176	130	Peak
5917.9	52.89	41.8	11.09	73.45	-20.56	176	130	Peak
*5927.35	53.1	41.99	11.11	68.2	-15.1	176	130	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
*5630.2	52.75	41.94	10.81	68.2	-15.45	198	87	Peak
5654.875	52	41.13	10.87	71.81	-19.81	198	87	Peak
5918.425	52.36	41.27	11.09	73.07	-20.71	198	87	Peak
*5988.25	53.93	42.62	11.31	68.2	-14.27	198	87	Peak

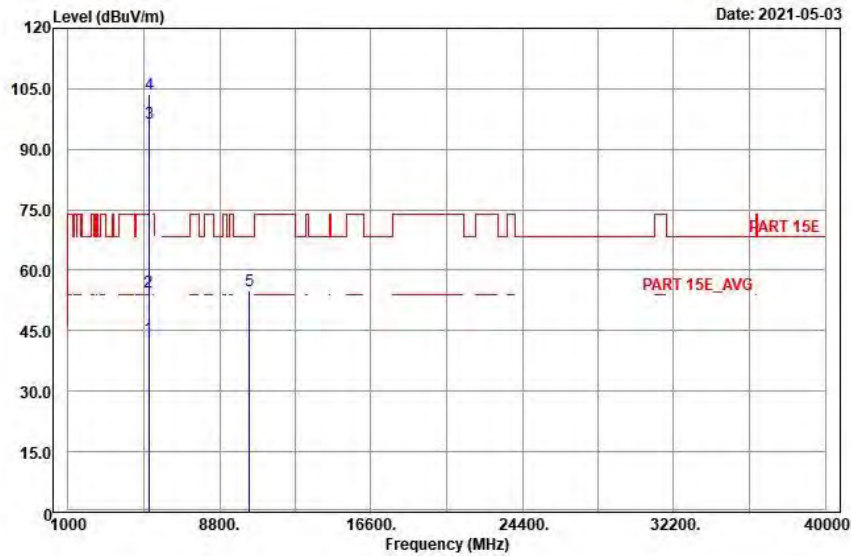
Remarks:

1. Emission Level = Read Level + 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.

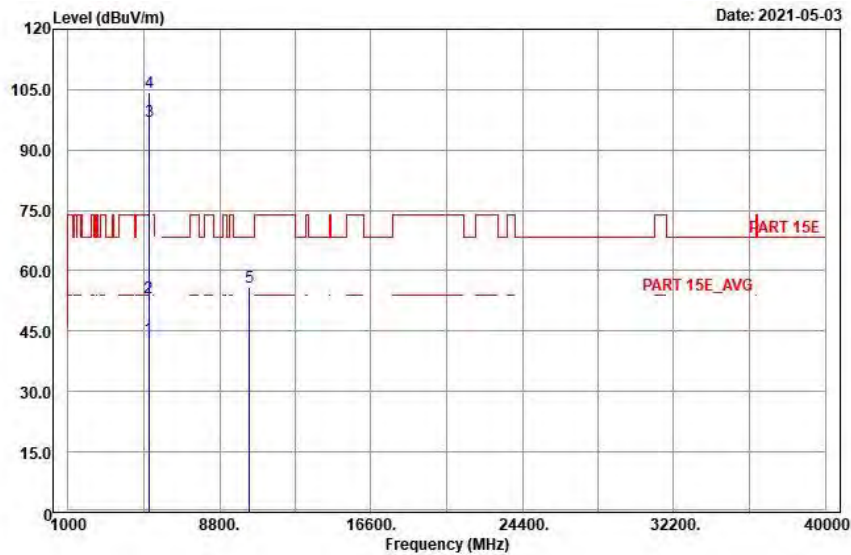
### 802.11ac (VHT20)

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, 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	43.11	33.06	10.05	54	-10.89	176	130	Average
5150	54.53	44.48	10.05	74	-19.47	176	130	Peak
5180	96.37	86.25	10.12			176	130	Average
5180	103.56	93.44	10.12			176	130	Peak
*10360	54.83	38.81	16.02	68.2	-13.37	128	104	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	43.31	33.26	10.05	54	-10.69	198	96	Average
5150	53.41	43.36	10.05	74	-20.59	198	96	Peak
5180	97.19	87.07	10.12			198	96	Average
5180	104.39	94.27	10.12			198	96	Peak
*10360	55.93	39.91	16.02	68.2	-12.27	224	136	Peak

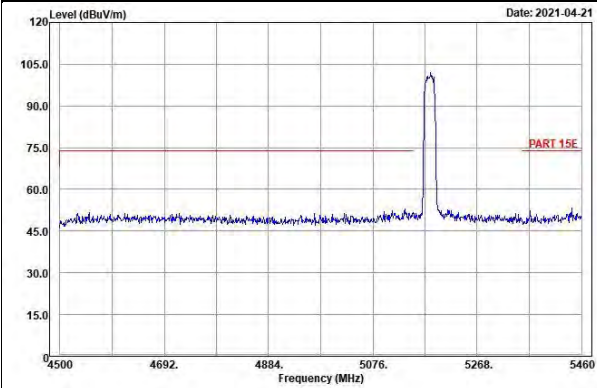
Remarks:

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.

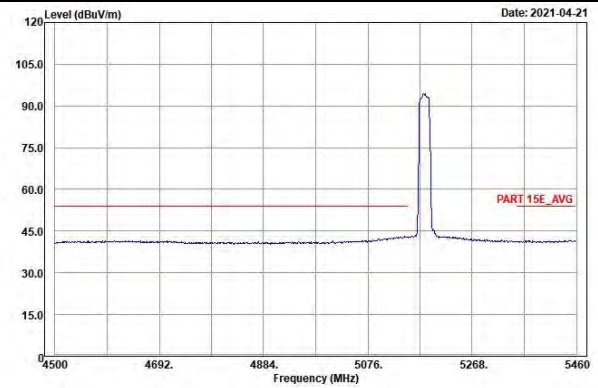


### Channel 36

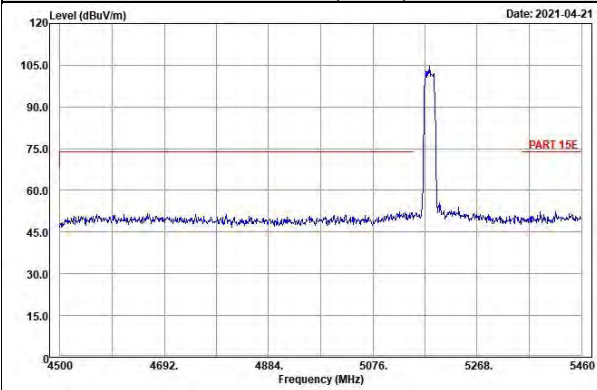
#### Horizontal (Peak)



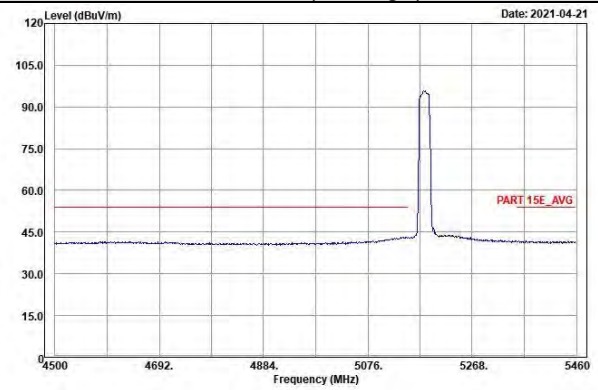
#### Horizontal (Average)



#### Vertical (Peak)

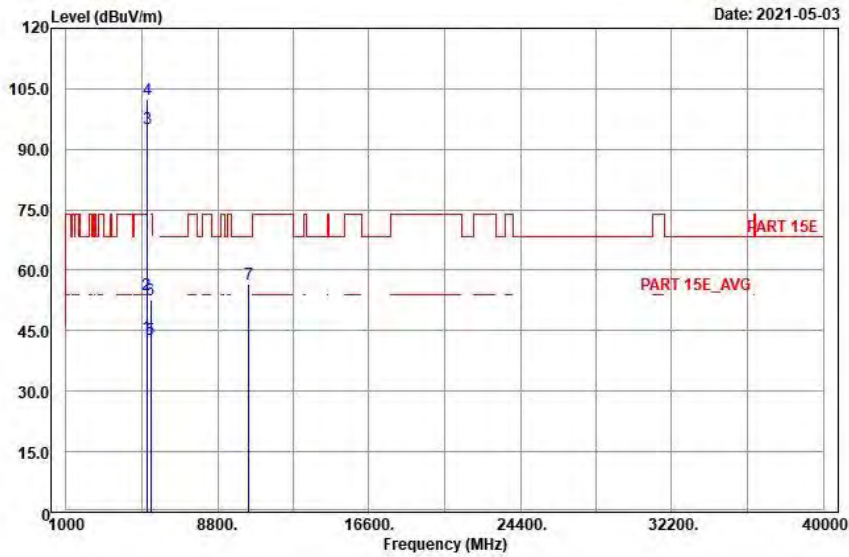


#### Vertical (Average)

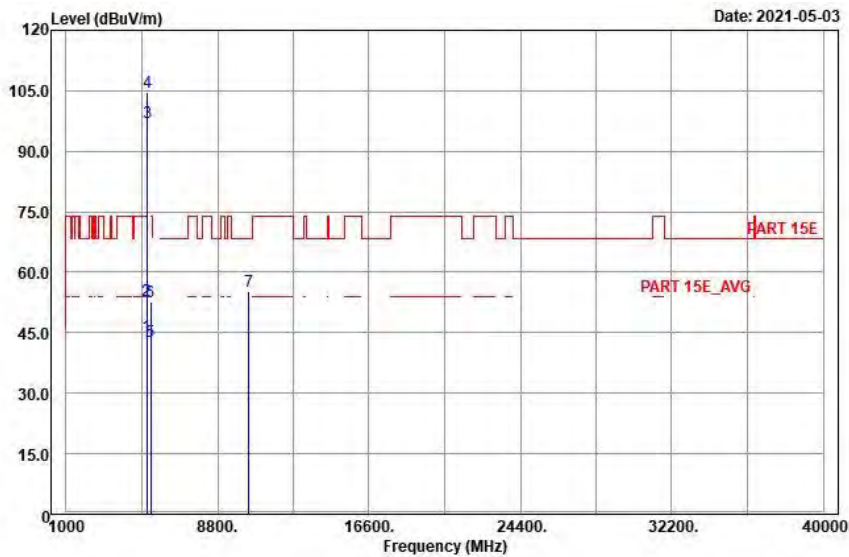


EUT Test Condition		Measurement Detail	
Channel	Channel 40	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



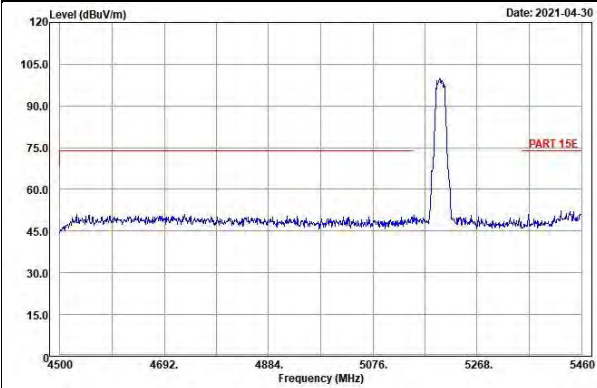
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	43.54	33.49	10.05	54	-10.46	152	130	Average
5150	53.85	43.8	10.05	74	-20.15	152	130	Peak
5200	95.16	85	10.16			152	130	Average
5200	102.19	92.03	10.16			152	130	Peak
5350	42.87	32.64	10.23	54	-11.13	152	130	Average
5350	52.6	42.37	10.23	74	-21.4	152	130	Peak
*10400	56.5	40.32	16.18	68.2	-11.7	169	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
5150	44.16	34.11	10.05	54	-9.84	188	87	Average
5150	53.1	43.05	10.05	74	-20.9	188	87	Peak
5200	97.18	87.02	10.16			188	87	Average
5200	104.53	94.37	10.16			188	87	Peak
5350	42.77	32.54	10.23	54	-11.23	188	87	Average
5350	52.64	42.41	10.23	74	-21.36	188	87	Peak
*10400	55.3	39.12	16.18	68.2	-12.9	128	127	Peak

Remarks:

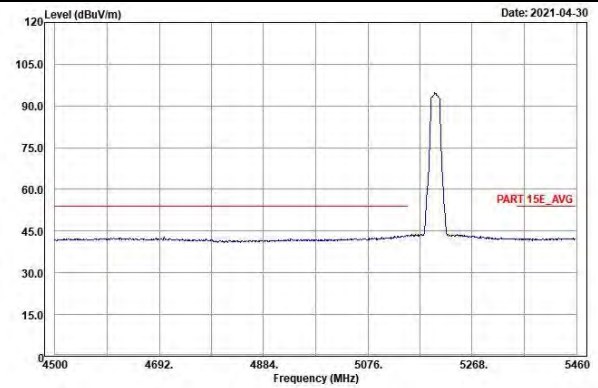
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5200 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 40

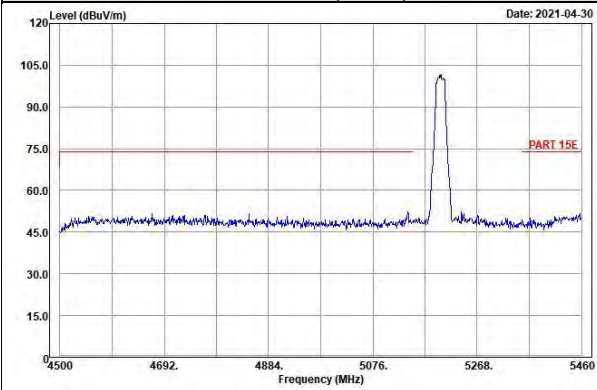
Horizontal (Peak)



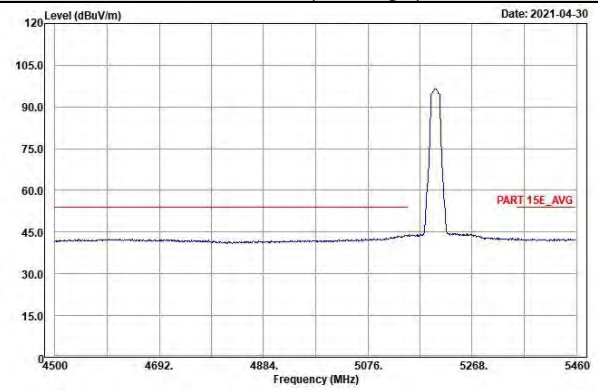
Horizontal (Average)



Vertical (Peak)

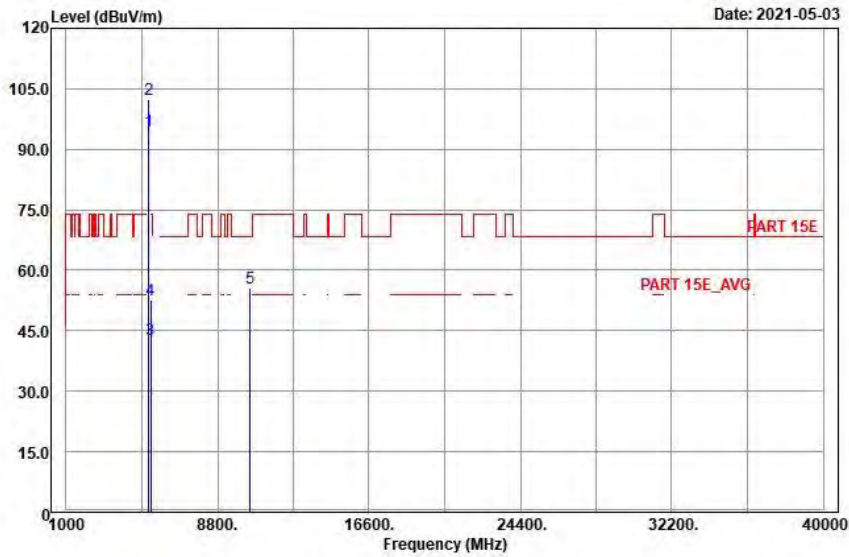


Vertical (Average)

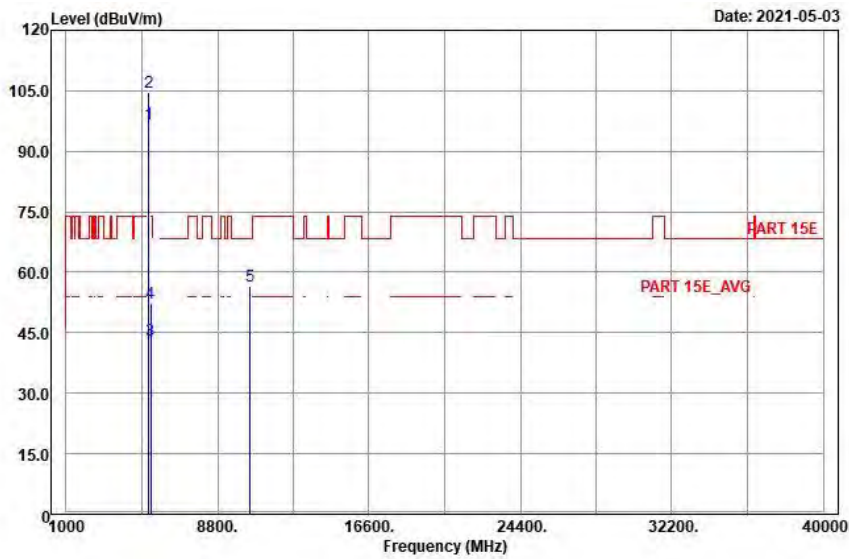


EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



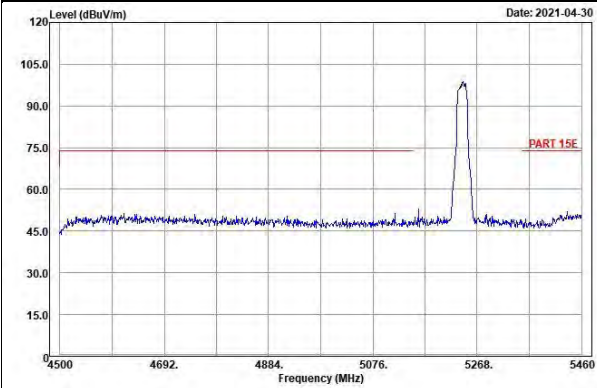
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5240	94.46	84.32	10.14			152	130	Average
5240	102.36	92.22	10.14			152	130	Peak
5350	42.69	32.46	10.23	54	-11.31	152	130	Average
5350	52.77	42.54	10.23	74	-21.23	152	130	Peak
*10480	55.72	39.82	15.9	68.2	-12.48	161	180	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	96.91	86.77	10.14			188	87	Average
5240	104.55	94.41	10.14			188	87	Peak
5350	43	32.77	10.23	54	-11	188	87	Average
5350	52.3	42.07	10.23	74	-21.7	188	87	Peak
*10480	56.58	40.68	15.9	68.2	-11.62	292	176	Peak

Remarks:

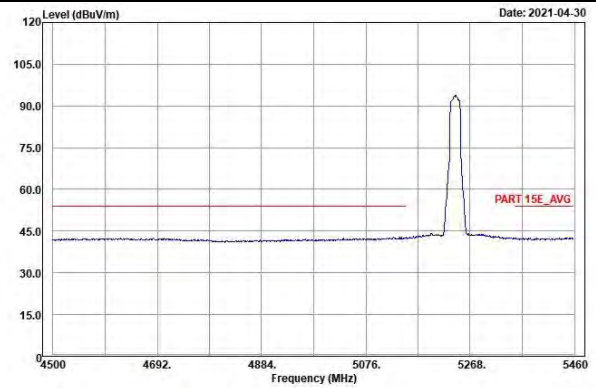
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5240 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

### Channel 48

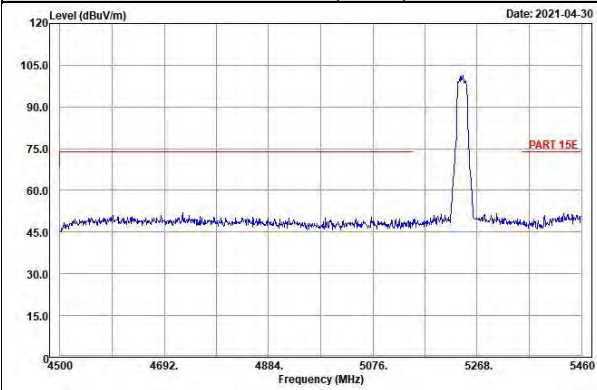
#### Horizontal (Peak)



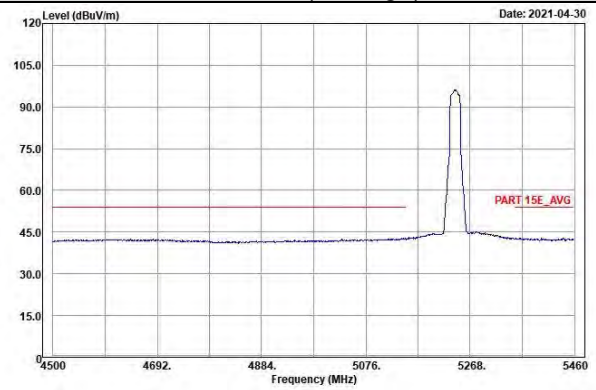
#### Horizontal (Average)



#### Vertical (Peak)

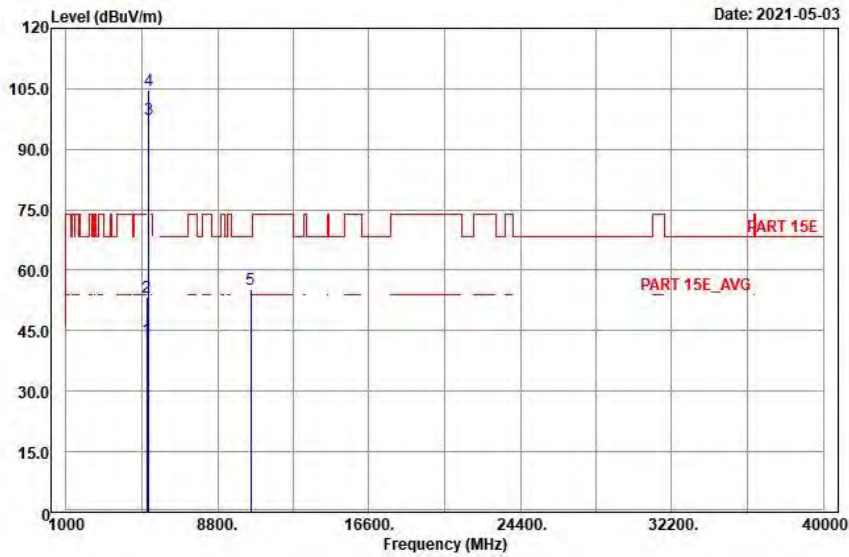


#### Vertical (Average)

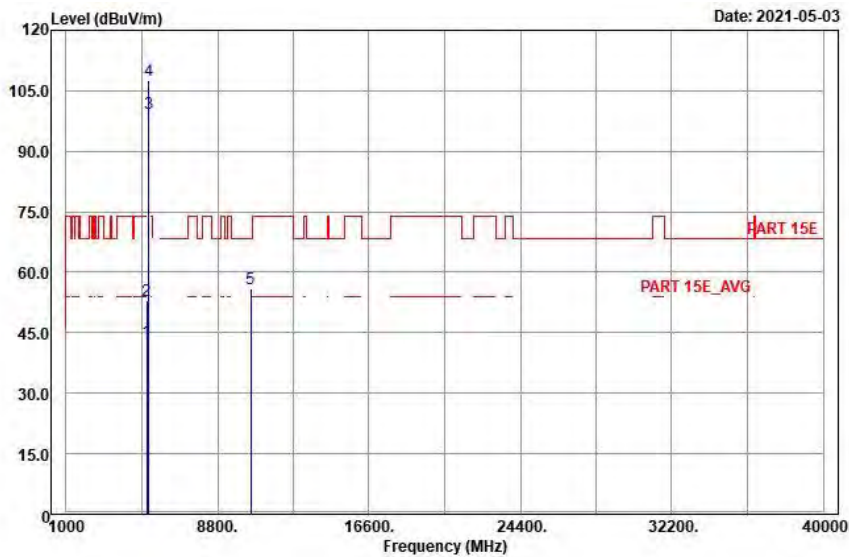


EUT Test Condition		Measurement Detail	
Channel	Channel 52	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical





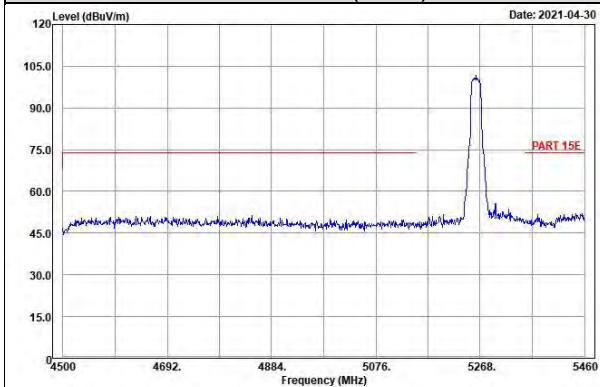
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.93	32.88	10.05	54	-11.07	155	114	Average
5150	53.24	43.19	10.05	74	-20.76	155	114	Peak
5260	97.46	87.34	10.12			155	114	Average
5260	104.77	94.65	10.12			155	114	Peak
*10520	55.23	39.35	15.88	68.2	-12.97	174	235	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	42.91	32.86	10.05	54	-11.09	220	87	Average
5150	52.82	42.77	10.05	74	-21.18	220	87	Peak
5260	99.32	89.2	10.12			220	87	Average
5260	107.73	97.61	10.12			220	87	Peak
*10520	55.86	39.98	15.88	68.2	-12.34	166	18	Peak

Remarks:

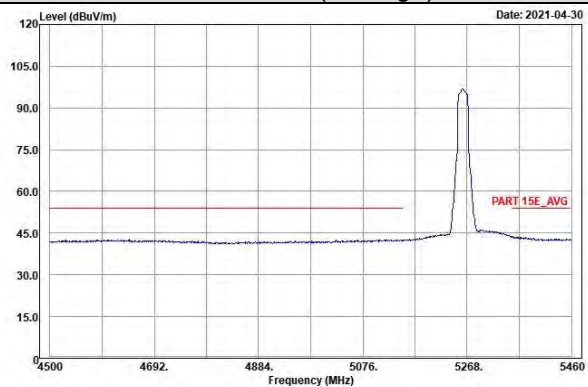
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5260 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 52

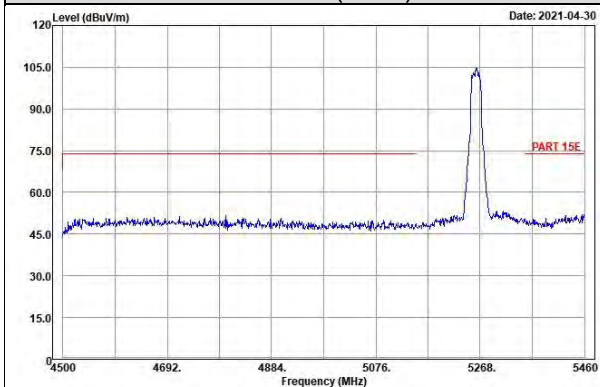
Horizontal (Peak)



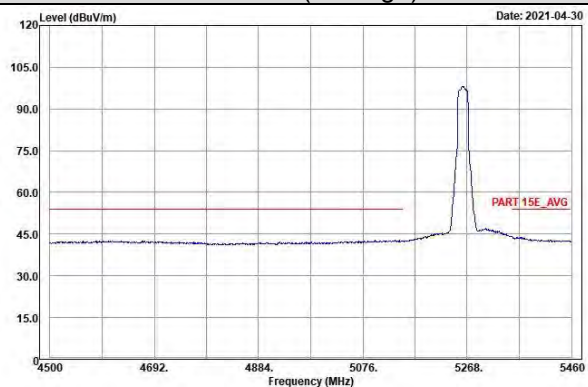
Horizontal (Average)



Vertical (Peak)

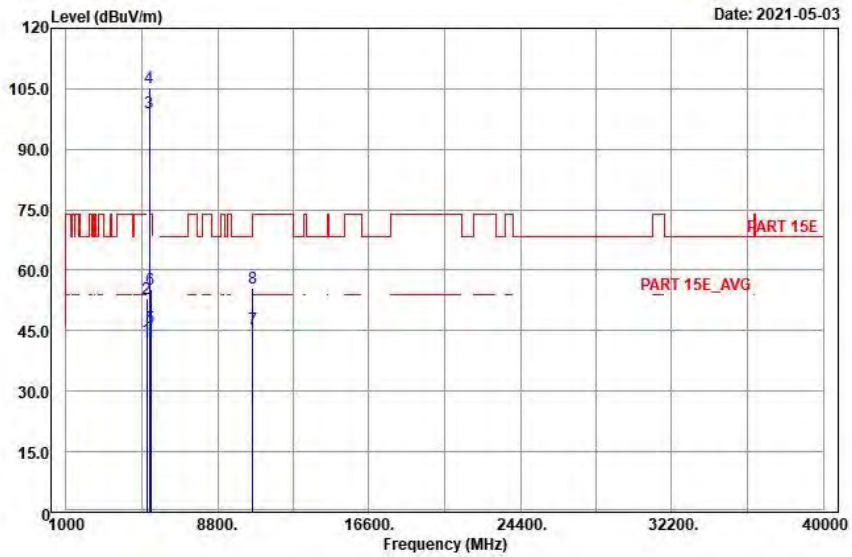


Vertical (Average)

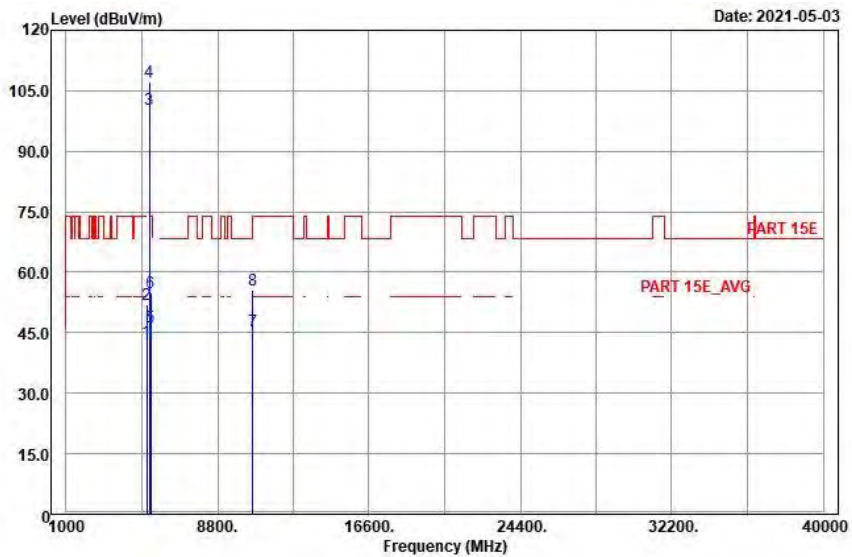


EUT Test Condition		Measurement Detail	
Channel	Channel 60	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



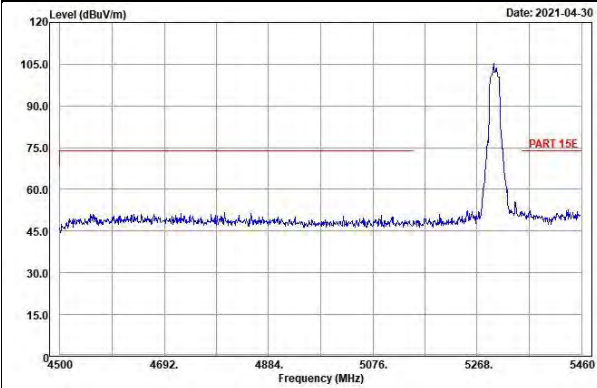
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.73	32.68	10.05	54	-11.27	155	114	Average
5150	52.95	42.9	10.05	74	-21.05	155	114	Peak
5300	98.93	88.87	10.06			155	114	Average
5300	105.31	95.25	10.06			155	114	Peak
5350	45.62	35.39	10.23	54	-8.38	155	114	Average
5350	55.26	45.03	10.23	74	-18.74	155	114	Peak
10600	45.32	29.56	15.76	54	-8.68	132	217	Average
10600	55.44	39.68	15.76	74	-18.56	132	217	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	42.85	32.8	10.05	54	-11.15	220	87	Average
5150	51.86	41.81	10.05	74	-22.14	220	87	Peak
5300	100.35	90.29	10.06			220	87	Average
5300	107.33	97.27	10.06			220	87	Peak
5350	46.31	36.08	10.23	54	-7.69	220	87	Average
5350	55.09	44.86	10.23	74	-18.91	220	87	Peak
10600	45.49	29.73	15.76	54	-8.51	217	238	Average
10600	55.62	39.86	15.76	74	-18.38	217	238	Peak

Remarks:

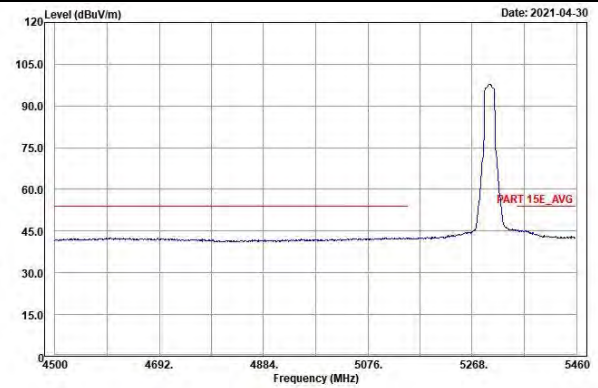
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5300 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 60

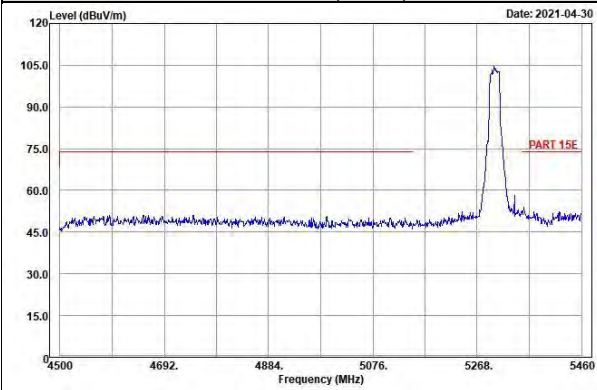
Horizontal (Peak)



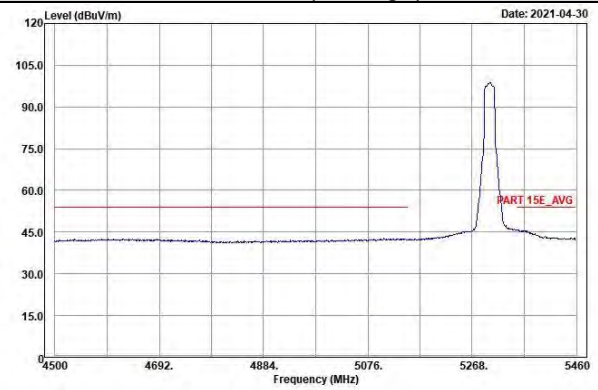
Horizontal (Average)



Vertical (Peak)

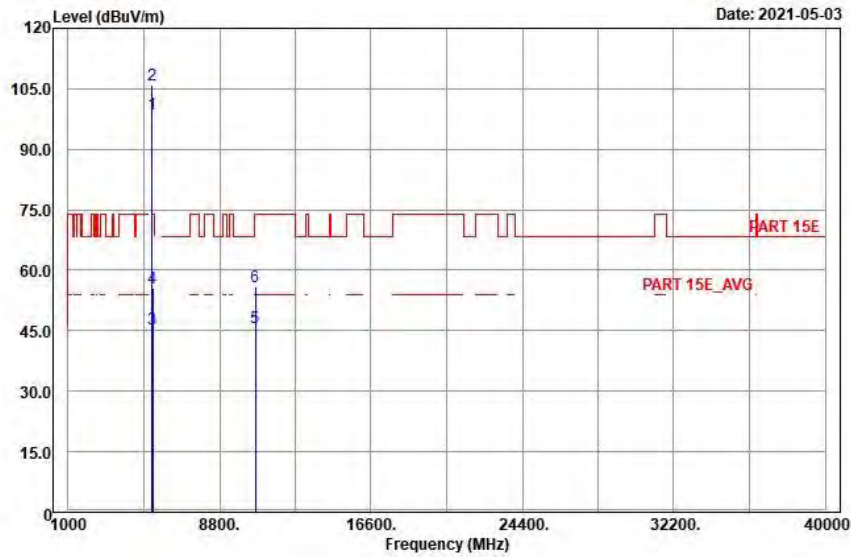


Vertical (Average)

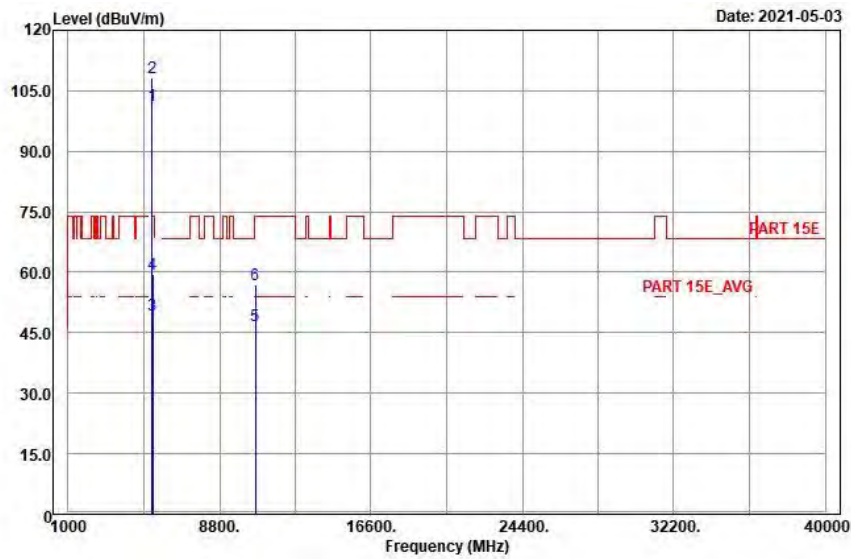


EUT Test Condition		Measurement Detail	
Channel	Channel 64	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



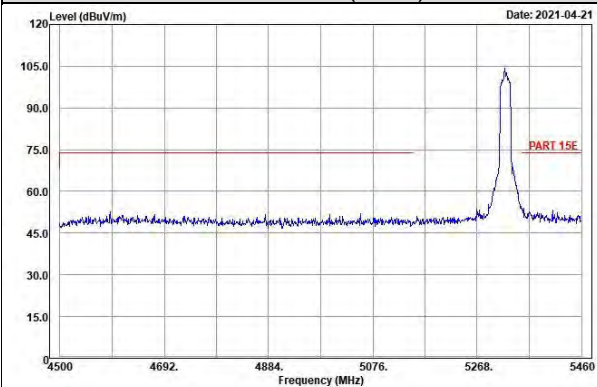
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5320	98.59	56.63	41.96			176	130	Average
5320	105.87	63.91	41.96			176	130	Peak
5350	45.3	35.07	10.23	54	-8.7	176	130	Average
5350	55.54	45.31	10.23	74	-18.46	176	130	Peak
10640	45.72	29.73	15.99	54	-8.28	182	125	Average
10640	55.84	39.85	15.99	74	-18.16	182	125	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	101.37	91.28	10.09			198	96	Average
5320	108.26	98.17	10.09			198	96	Peak
5350	49.44	39.21	10.23	54	-4.56	198	96	Average
5350	59.6	49.37	10.23	74	-14.4	198	96	Peak
10640	46.63	30.64	15.99	54	-7.37	302	179	Average
10640	56.74	40.75	15.99	74	-17.26	302	179	Peak

Remarks:

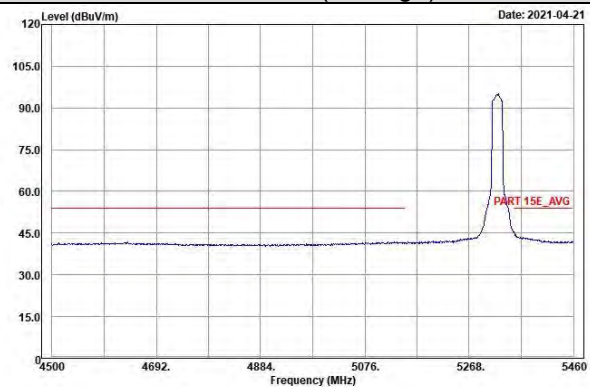
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5320 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 64

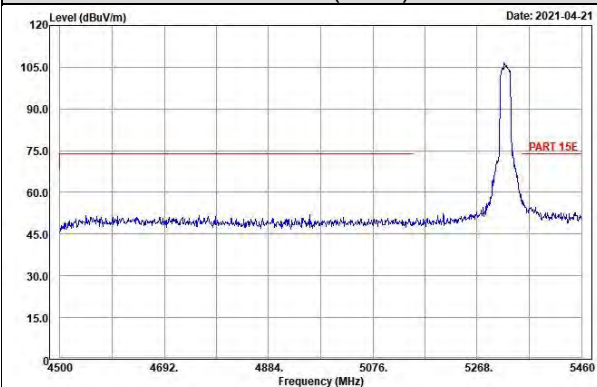
Horizontal (Peak)



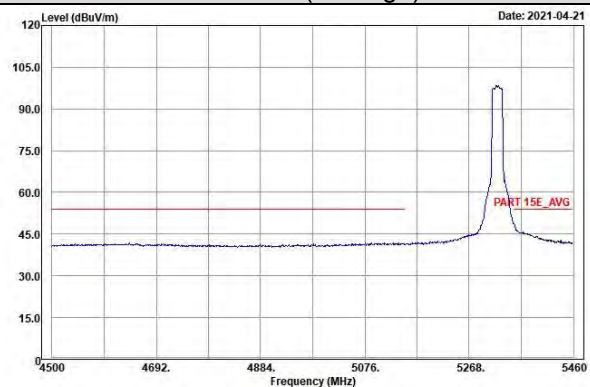
Horizontal (Average)



Vertical (Peak)



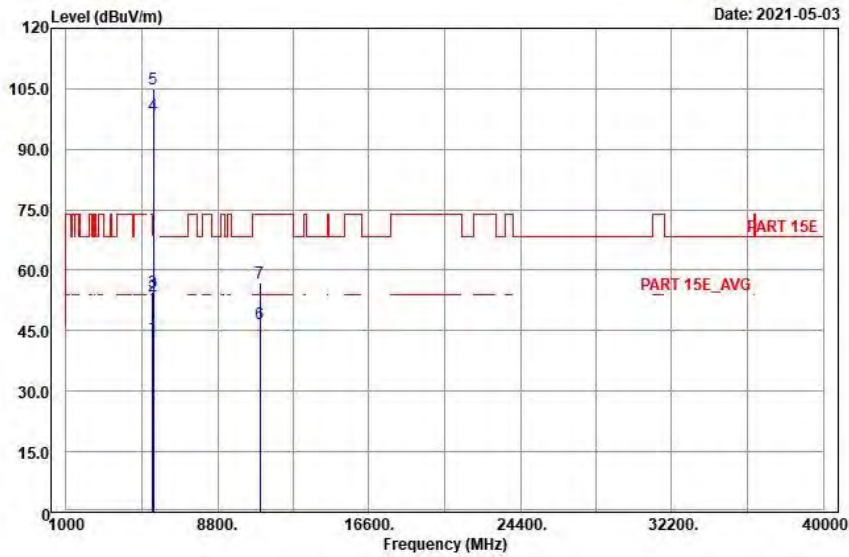
Vertical (Average)



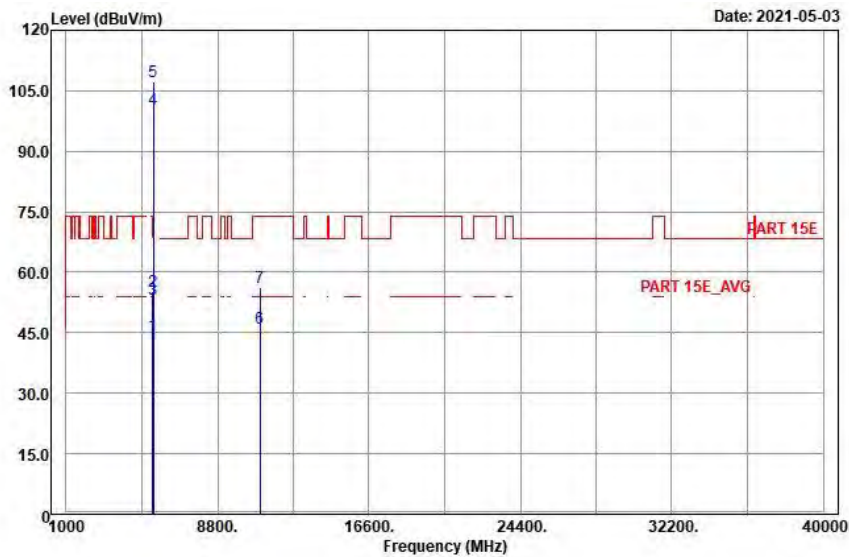


EUT Test Condition		Measurement Detail	
Channel	Channel 100	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	43.55	33.04	10.51	54	-10.45	176	130	Average
5460	53.77	43.26	10.51	74	-20.23	176	130	Peak
*5470	54.5	43.97	10.53	68.2	-13.7	176	130	Peak
5500	98.56	87.96	10.6			176	130	Average
5500	105.05	94.45	10.6			176	130	Peak
11000	46.8	30.67	16.13	54	-7.2	134	176	Average
11000	56.93	40.8	16.13	74	-17.07	134	176	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

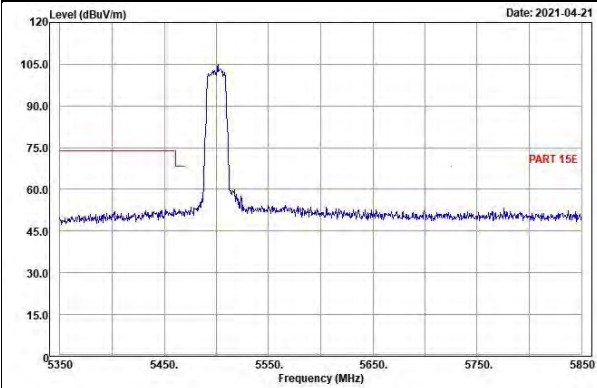
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	44.61	34.1	10.51	54	-9.39	198	87	Average
5460	55.26	44.75	10.51	74	-18.74	198	87	Peak
*5470	53.3	42.77	10.53	68.2	-14.9	198	87	Peak
5500	100.45	89.85	10.6			198	87	Average
5500	107.14	96.54	10.6			198	87	Peak
11000	46.09	29.96	16.13	54	-7.91	237	174	Average
11000	56.28	40.15	16.13	74	-17.72	237	174	Peak

**Remarks:**

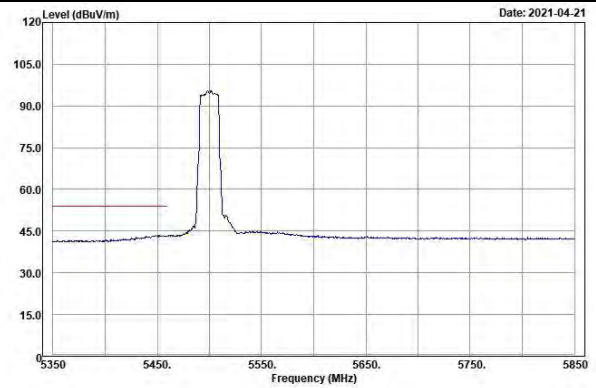
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5500 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 100

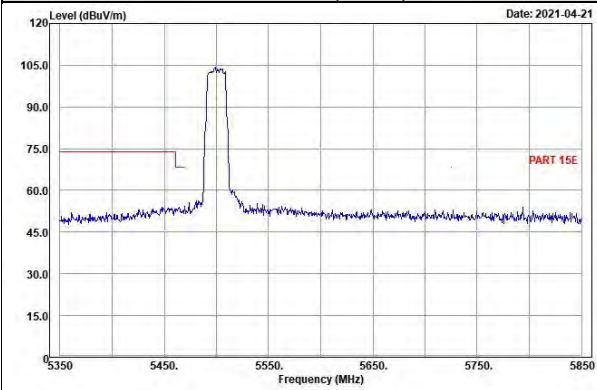
Horizontal (Peak)



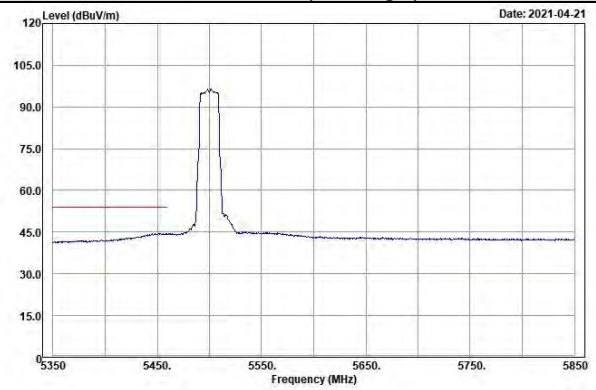
Horizontal (Average)



Vertical (Peak)

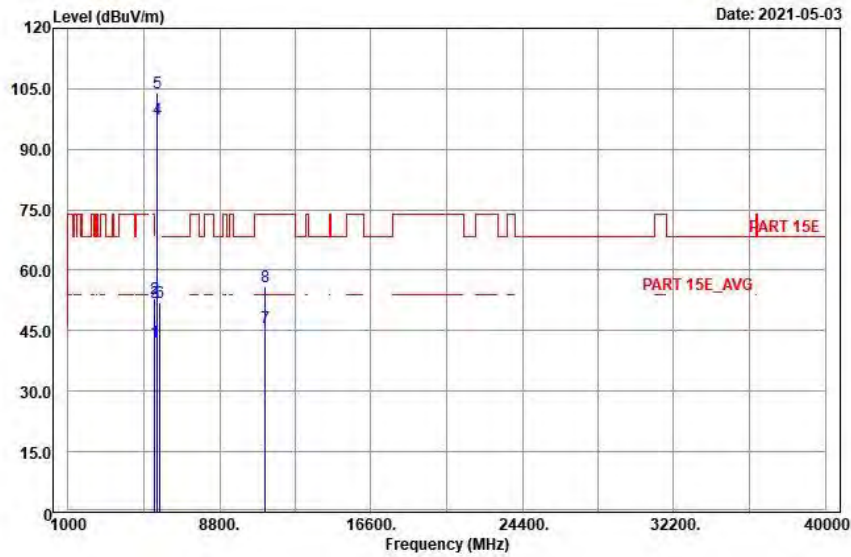


Vertical (Average)

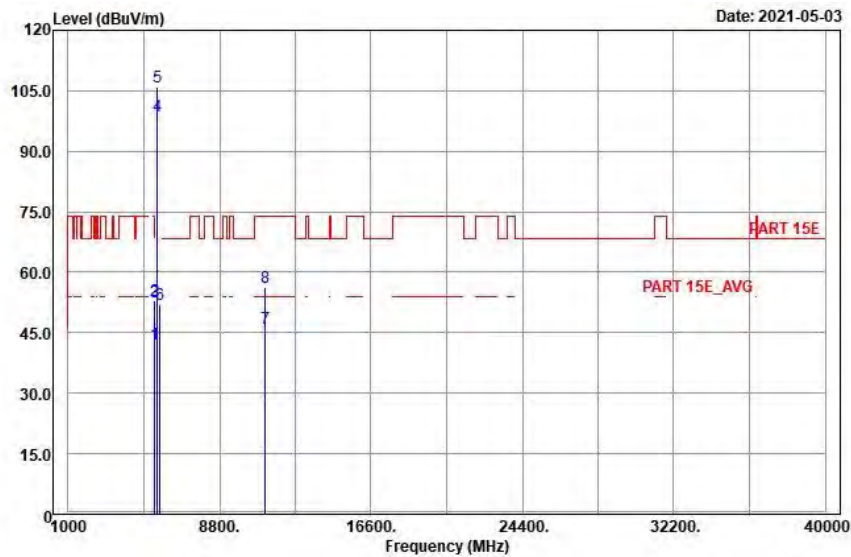


EUT Test Condition		Measurement Detail	
Channel	Channel 116	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



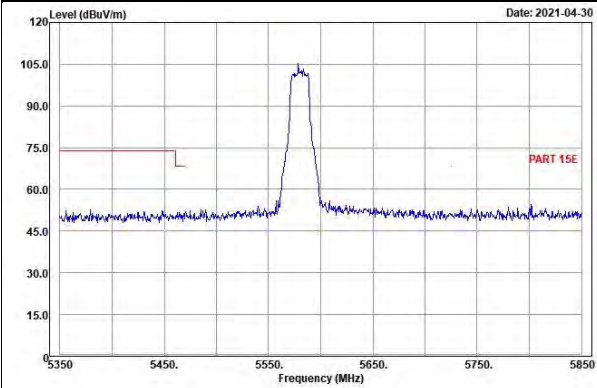
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.13	31.62	10.51	54	-11.87	176	130	Average
5460	53.02	42.51	10.51	74	-20.98	176	130	Peak
*5470	52.05	41.52	10.53	68.2	-16.15	176	130	Peak
5580	97.44	86.73	10.71			176	130	Average
5580	104.11	93.4	10.71			176	130	Peak
*5725	51.88	40.96	10.92	68.2	-16.32	176	130	Peak
11160	45.81	29.45	16.36	54	-8.19	331	170	Average
11160	56.03	39.67	16.36	74	-17.97	331	170	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	42.2	31.69	10.51	54	-11.8	198	87	Average
5460	52.97	42.46	10.51	74	-21.03	198	87	Peak
*5470	52.54	42.01	10.53	68.2	-15.66	198	87	Peak
5580	98.87	88.16	10.71			198	87	Average
5580	105.94	95.23	10.71			198	87	Peak
*5725	51.98	41.06	10.92	68.2	-16.22	198	87	Peak
11160	46.01	29.65	16.36	54	-7.99	143	282	Average
11160	56.26	39.9	16.36	74	-17.74	143	282	Peak

Remarks:

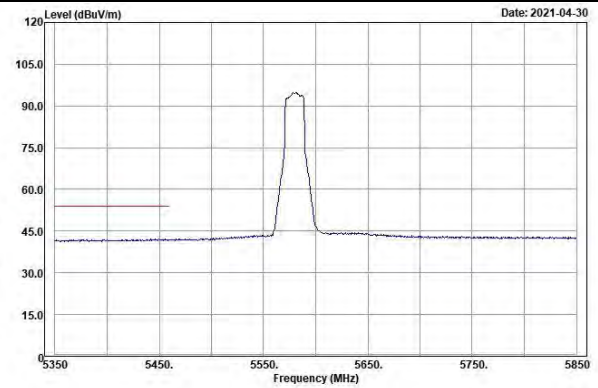
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5580 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 116

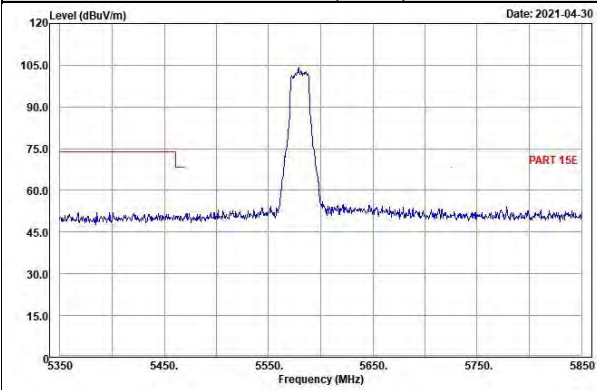
Horizontal (Peak)



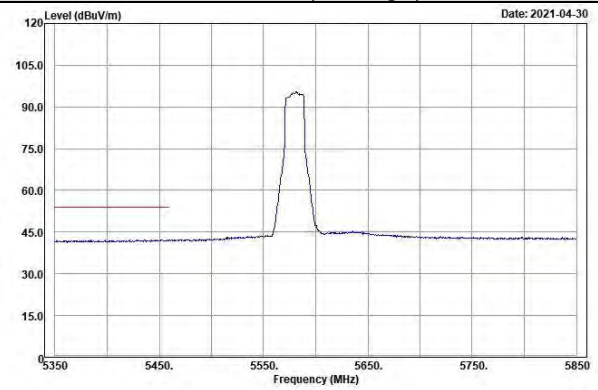
Horizontal (Average)



Vertical (Peak)

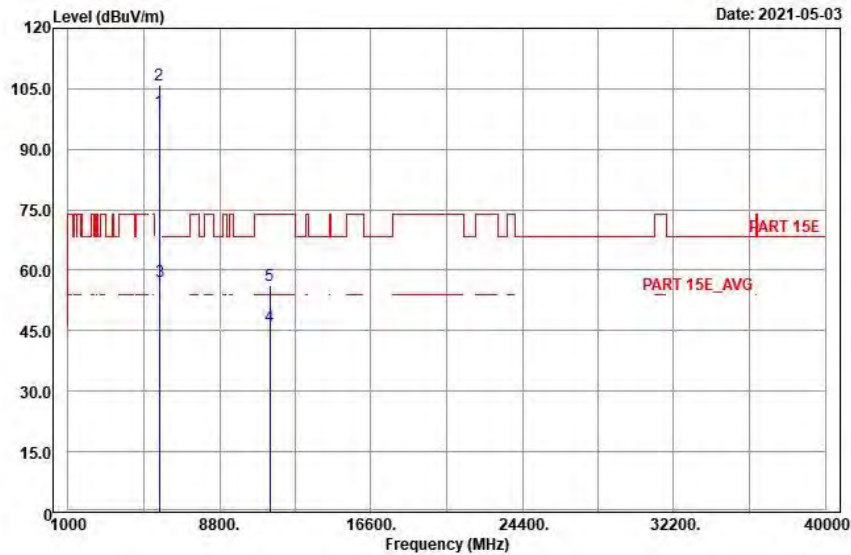


Vertical (Average)

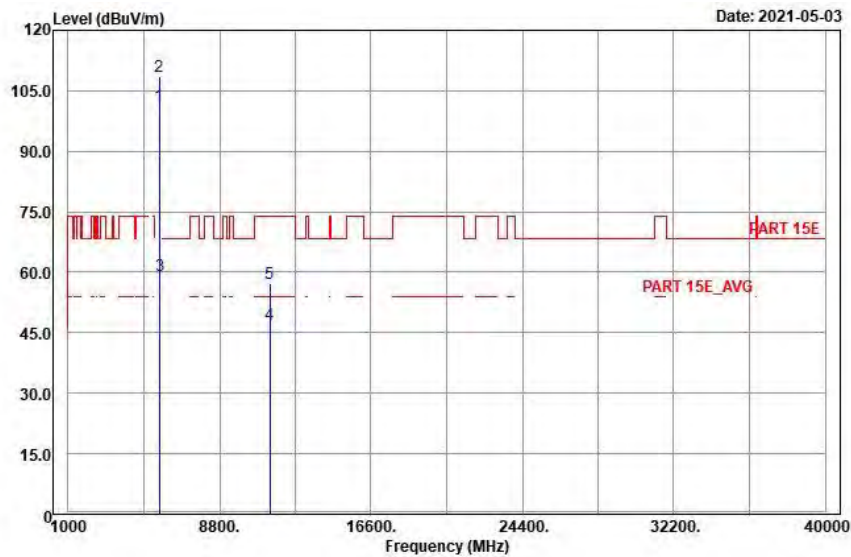


EUT Test Condition		Measurement Detail	
Channel	Channel 140	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



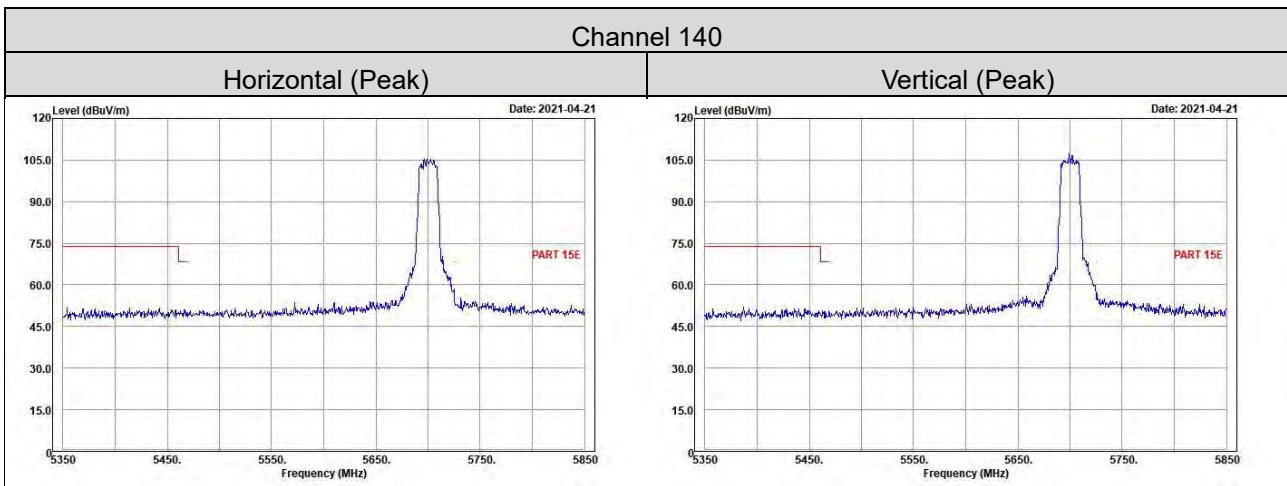
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5700	99.52	88.57	10.95			176	130	Average
5700	106	95.05	10.95			176	130	Peak
*5725	57.12	46.2	10.92	68.2	-11.08	176	130	Peak
11400	46.12	29.93	16.19	54	-7.88	195	253	Average
11400	56.29	40.1	16.19	74	-17.71	195	253	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	101.27	90.32	10.95			198	87	Average
5700	108.47	97.52	10.95			198	87	Peak
*5725	59.18	48.26	10.92	68.2	-9.02	198	87	Peak
11400	47.16	30.97	16.19	54	-6.84	217	151	Average
11400	57.28	41.09	16.19	74	-16.72	217	151	Peak

Remarks:

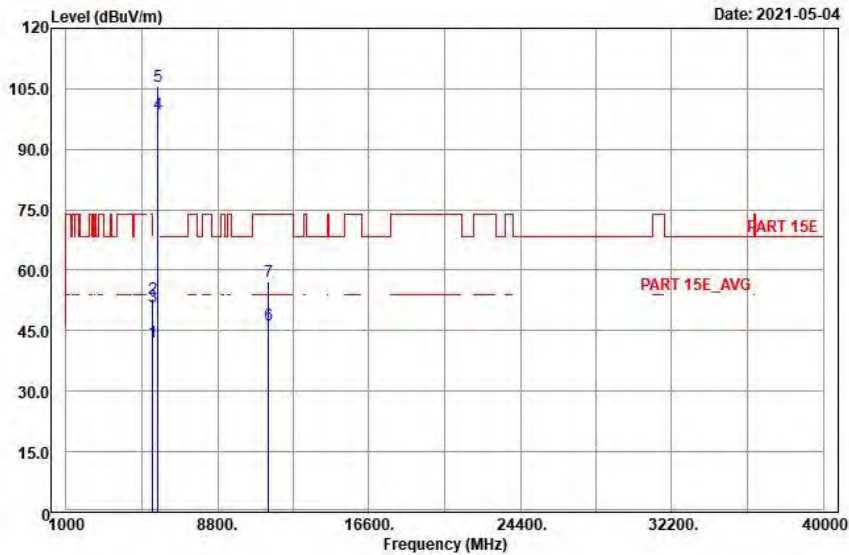
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5700 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.



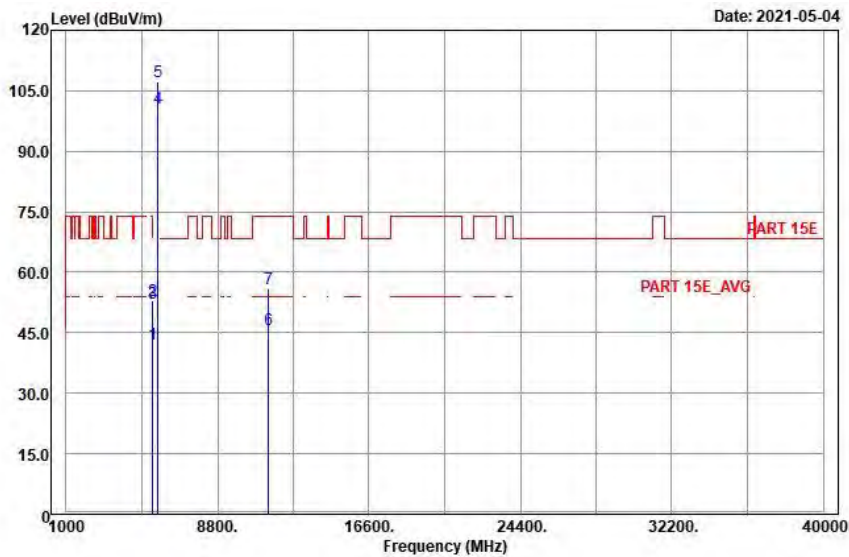


EUT Test Condition		Measurement Detail	
Channel	Channel 144	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



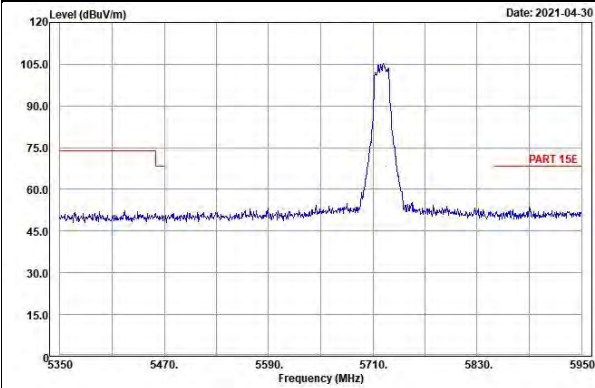
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.11	31.6	10.51	54	-11.89	176	130	Average
5460	53.04	42.53	10.51	74	-20.96	176	130	Peak
*5470	50.87	40.34	10.53	68.2	-17.33	176	130	Peak
5720	98.84	87.92	10.92			176	130	Average
5720	105.52	94.6	10.92			176	130	Peak
11440	46.49	30.2	16.29	54	-7.51	313	280	Average
11440	57.07	40.78	16.29	74	-16.93	313	280	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	42.11	31.6	10.51	54	-11.89	198	87	Average
5460	52.93	42.42	10.51	74	-21.07	198	87	Peak
*5470	52.19	41.66	10.53	68.2	-16.01	198	87	Peak
5720	100.64	89.72	10.92			198	87	Average
5720	107.16	96.24	10.92			198	87	Peak
11440	45.86	29.57	16.29	54	-8.14	294	175	Average
11440	55.95	39.66	16.29	74	-18.05	294	175	Peak

Remarks:

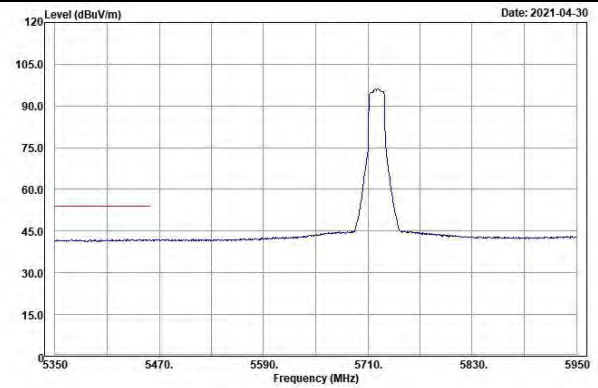
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5720 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 144

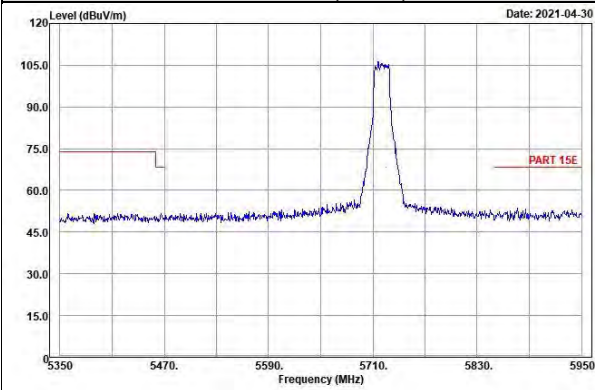
Horizontal (Peak)



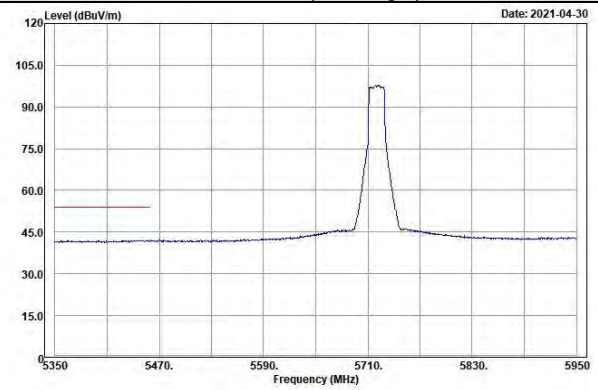
Horizontal (Average)



Vertical (Peak)

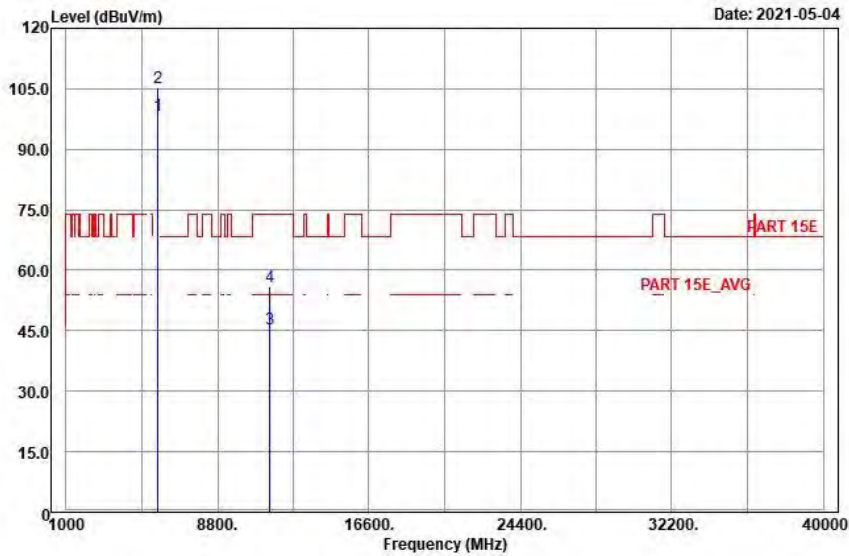


Vertical (Average)

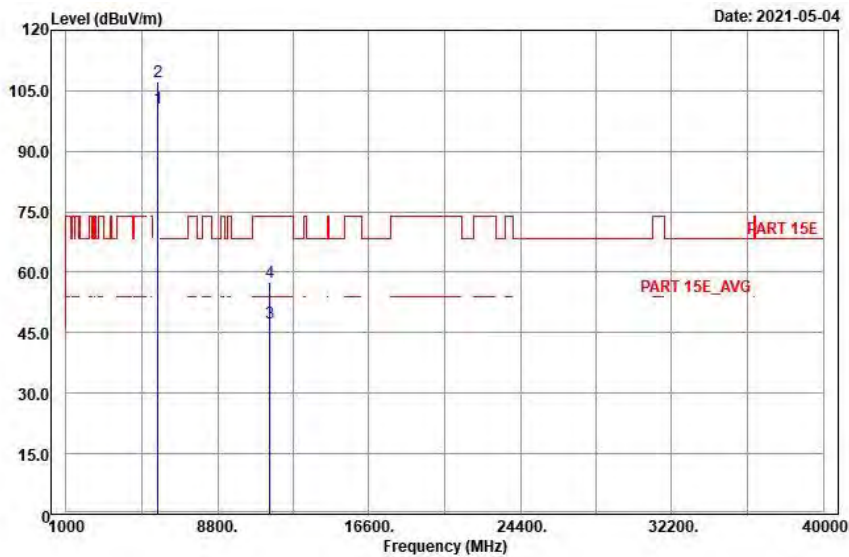


EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

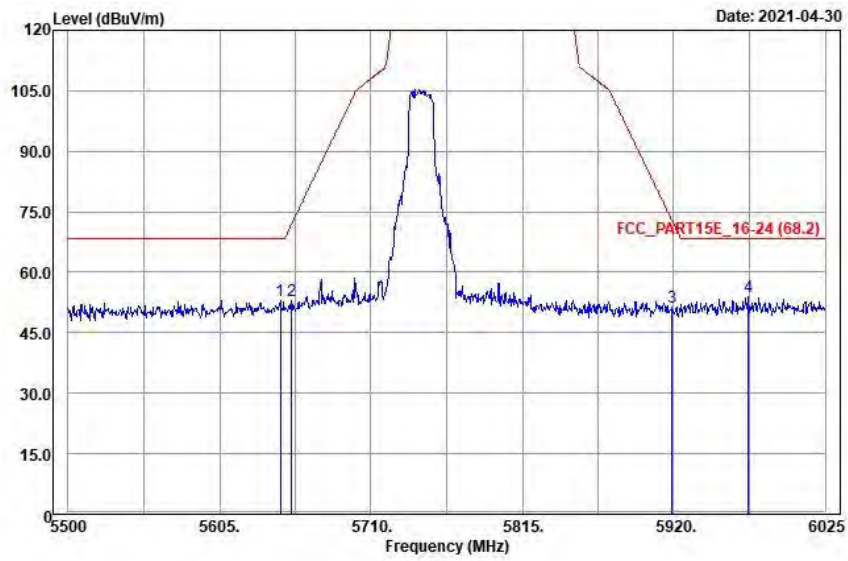
<Spurious Emission>  
Horizontal



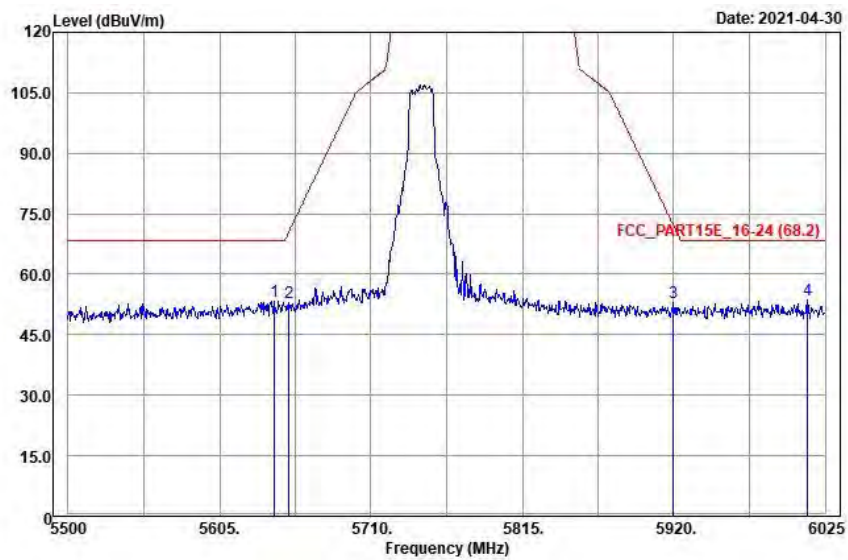
Vertical



<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	98.55	87.67	10.88			176	130	Average
5745	105.4	94.52	10.88			176	130	Peak
11490	45.54	29.07	16.47	54	-8.46	187	226	Average
11490	55.79	39.32	16.47	74	-18.21	187	226	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	100.58	89.7	10.88			198	87	Average
5745	107.29	96.41	10.88			198	87	Peak
11490	47.36	30.89	16.47	54	-6.64	128	314	Average
11490	57.63	41.16	16.47	74	-16.37	128	314	Peak

**<Out of Band Emission (OOBE)>**

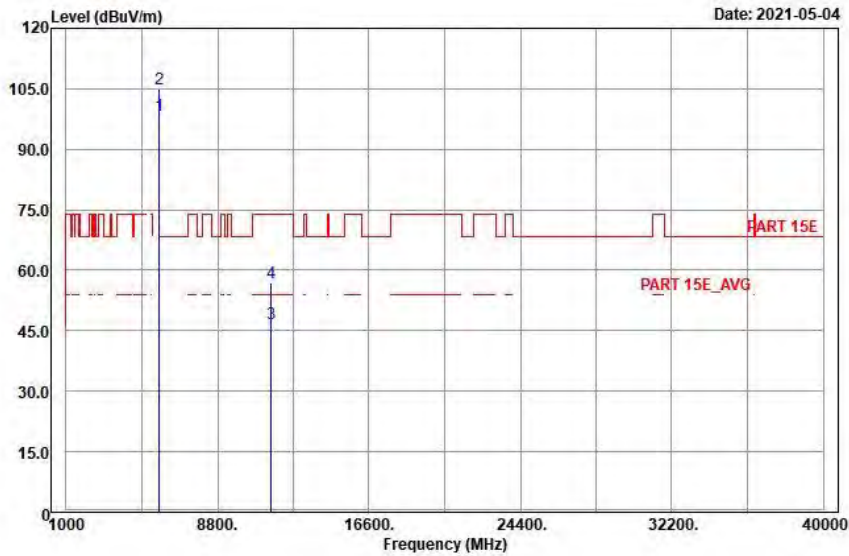
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5647	53.04	42.19	10.85	68.2	-15.16	176	130	Peak
5654.875	52.88	42.01	10.87	71.81	-18.93	176	130	Peak
5918.95	51.26	40.17	11.09	72.68	-21.42	176	130	Peak
5971.975	53.88	42.63	11.25	68.2	-14.32	176	130	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
5643.325	53.31	42.48	10.83	68.2	-14.89	198	87	Peak
5653.3	53.01	42.14	10.87	70.64	-17.63	198	87	Peak
5920	52.81	41.72	11.09	71.9	-19.09	198	87	Peak
6012.925	53.71	42.36	11.35	68.2	-14.49	198	87	Peak

Remarks:

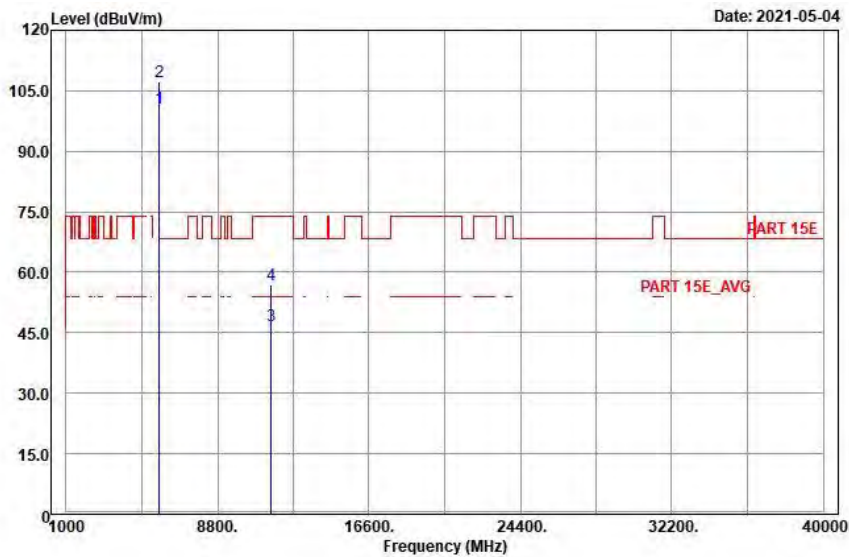
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5745 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

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, Charles Hsiao

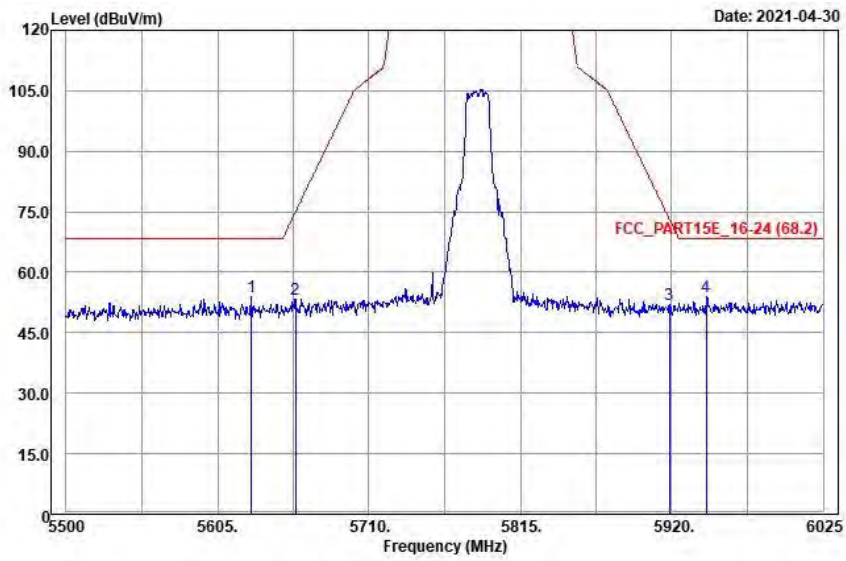
<Spurious Emission>  
Horizontal



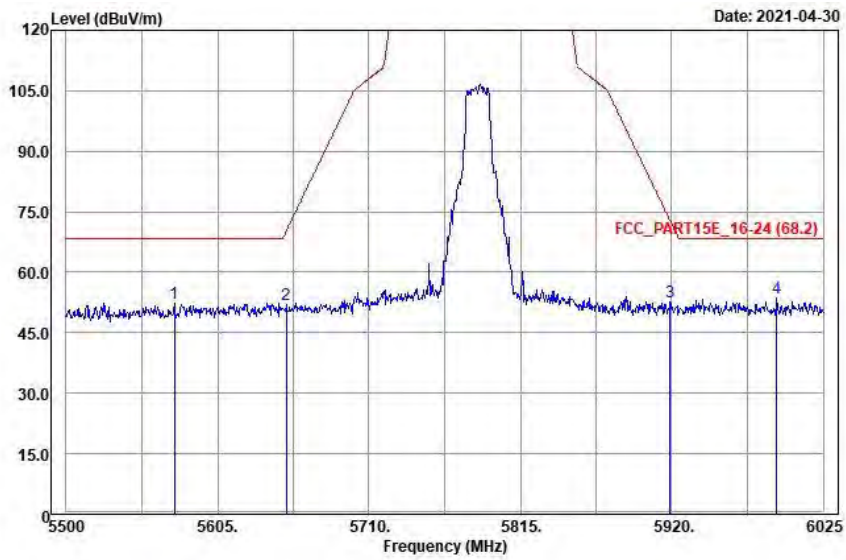
Vertical



**<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	98.54	87.73	10.81			176	130	Average
5785	105.09	94.28	10.81			176	130	Peak
11570	46.64	30.15	16.49	54	-7.36	226	263	Average
11570	56.85	40.36	16.49	74	-17.15	226	263	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	100.55	89.74	10.81			198	87	Average
5785	107.13	96.32	10.81			198	87	Peak
11570	46.82	30.33	16.49	54	-7.18	126	304	Average
11570	57.02	40.53	16.49	74	-16.98	126	304	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
*5628.625	53.79	42.98	10.81	68.2	-14.41	176	130	Peak
5659.075	53.24	42.37	10.87	74.92	-21.68	176	130	Peak
5918.425	51.9	40.81	11.09	73.07	-21.17	176	130	Peak
*5944.15	53.88	42.7	11.18	68.2	-14.32	176	130	Peak

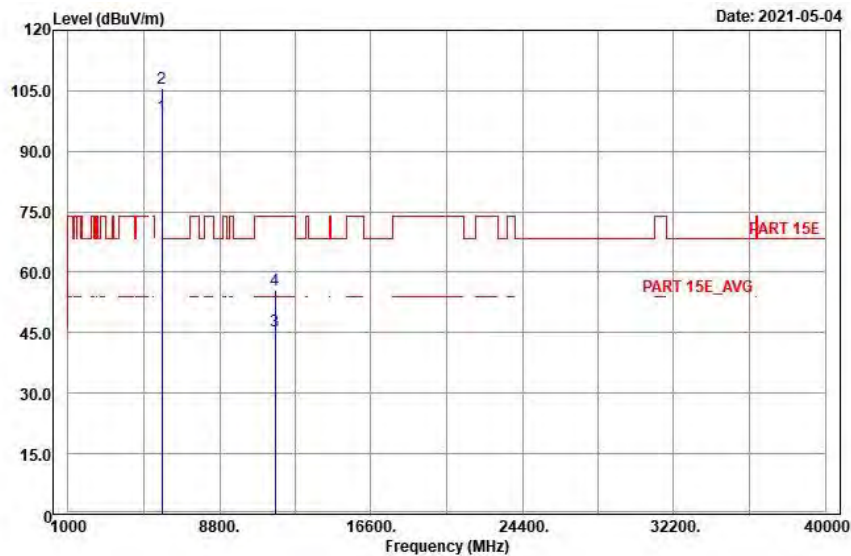
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5575.075	52.33	41.6	10.73	68.2	-15.87	198	87	Peak
5652.775	51.88	41.01	10.87	70.25	-18.37	198	87	Peak
5918.95	52.55	41.46	11.09	72.68	-20.13	198	87	Peak
*5992.975	53.63	42.3	11.33	68.2	-14.57	198	87	Peak

Remarks:

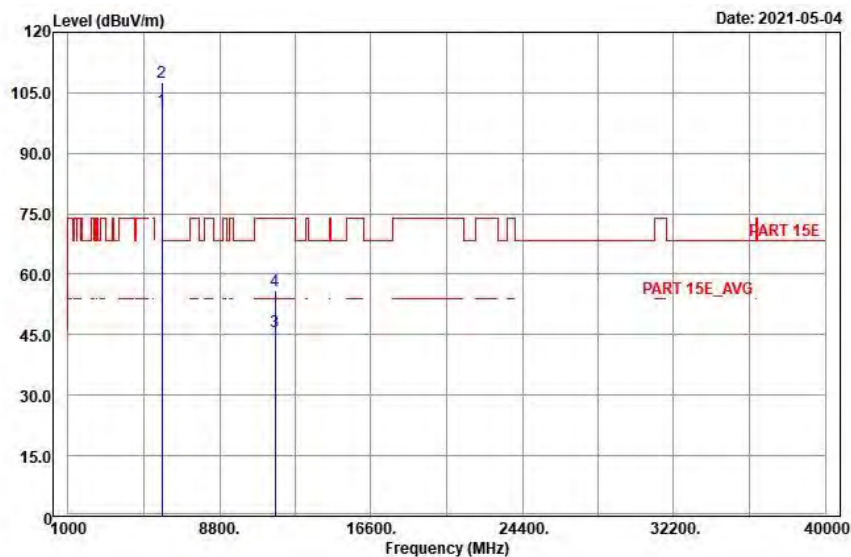
- Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor  
Margin Value = Emission Level – Limit value
- 5785 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

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	Karl Lee, Charles Hsiao

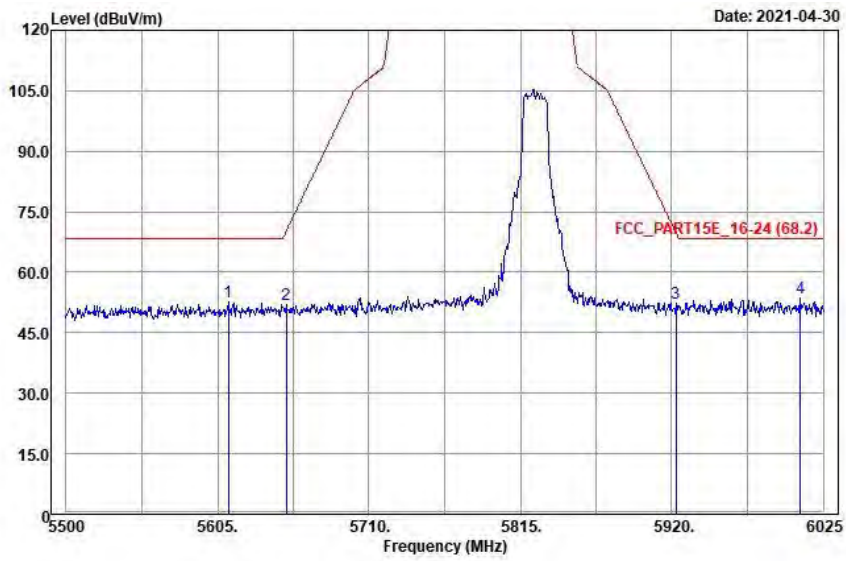
<Spurious Emission>  
Horizontal



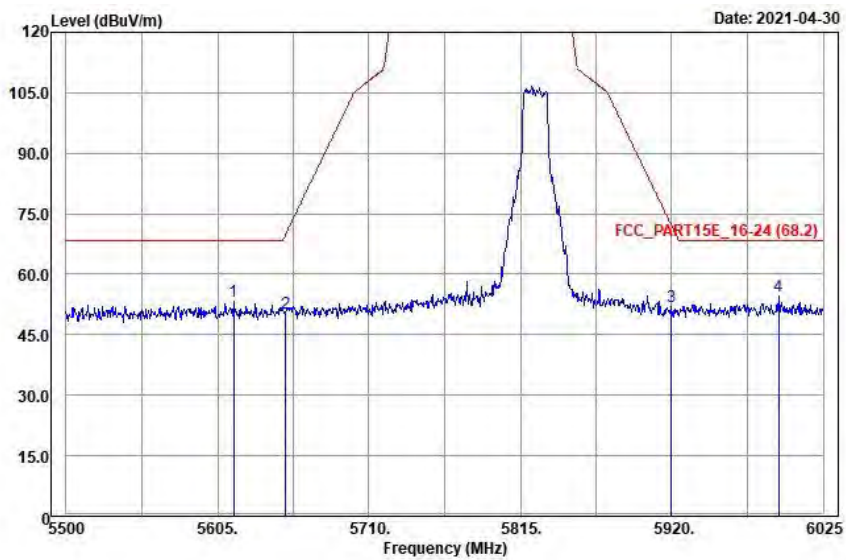
Vertical



**<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	98.85	87.97	10.88			176	130	Average
5825	105.71	94.83	10.88			176	130	Peak
11650	45.47	28.69	16.78	54	-8.53	128	42	Average
11650	55.54	38.76	16.78	74	-18.46	128	42	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	100.77	89.89	10.88			198	87	Average
5825	107.61	96.73	10.88			198	87	Peak
11650	45.78	29	16.78	54	-8.22	138	24	Average
11650	56.07	39.29	16.78	74	-17.93	138	24	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
*5612.35	52.59	41.82	10.77	68.2	-15.61	176	130	Peak
5652.775	52.04	41.17	10.87	70.25	-18.21	176	130	Peak
5923.15	52.32	41.21	11.11	69.57	-17.25	176	130	Peak
*6009.25	53.58	42.23	11.35	68.2	-14.62	176	130	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
*5616.025	53.15	42.36	10.79	68.2	-15.05	198	87	Peak
5652.25	50.38	39.51	10.87	69.86	-19.48	198	87	Peak
5920	51.86	40.77	11.09	71.9	-20.04	198	87	Peak
*5994.025	54.5	43.17	11.33	68.2	-13.7	198	87	Peak

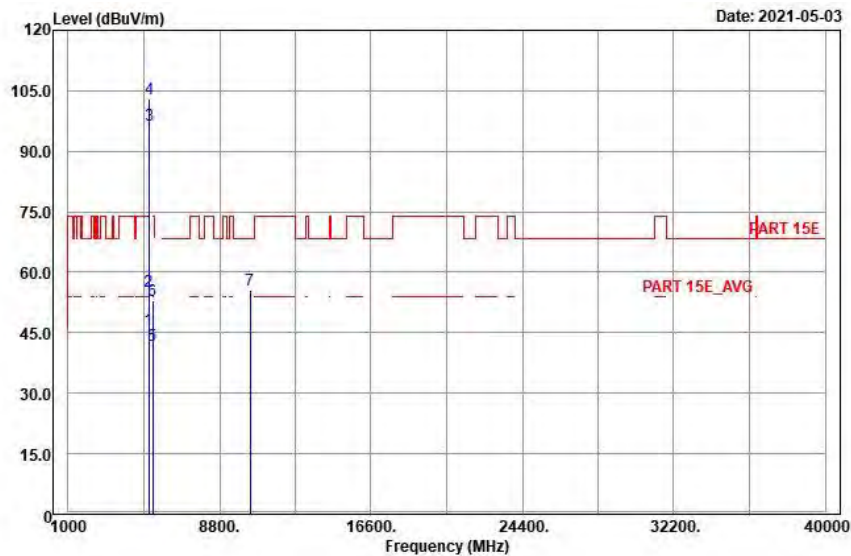
Remarks:

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

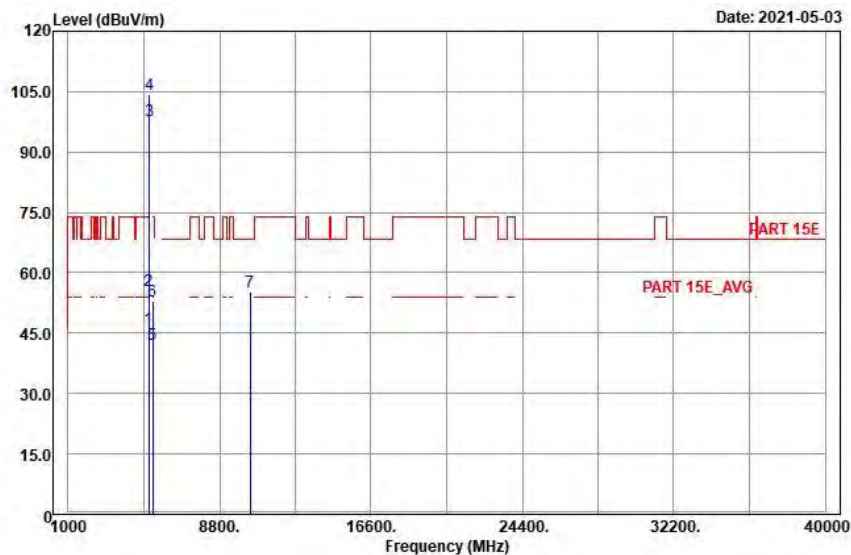
### 802.11ac (VHT40)

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	Karl Lee, 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	45.76	35.71	10.05	54	-8.24	176	130	Average
5150	55.28	45.23	10.05	74	-18.72	176	130	Peak
5190	96.44	86.32	10.12			176	130	Average
5190	103.04	92.92	10.12			176	130	Peak
5350	41.95	31.72	10.23	54	-12.05	176	130	Average
5350	52.92	42.69	10.23	74	-21.08	176	130	Peak
*10380	55.51	39.41	16.1	68.2	-12.69	225	318	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

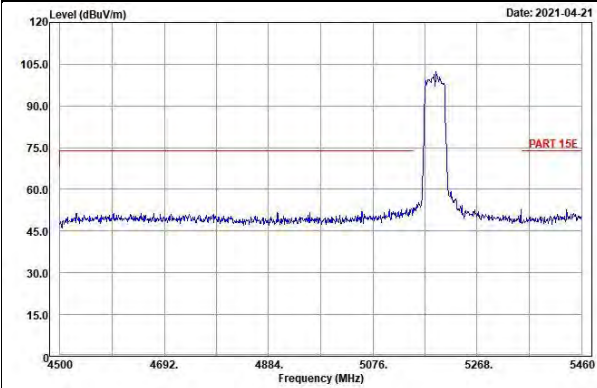
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	45.95	35.9	10.05	54	-8.05	220	95	Average
5150	55.47	45.42	10.05	74	-18.53	220	95	Peak
5190	97.84	87.72	10.12			220	95	Average
5190	104.25	94.13	10.12			220	95	Peak
5350	42.29	32.06	10.23	54	-11.71	220	95	Average
5350	52.91	42.68	10.23	74	-21.09	220	95	Peak
*10380	55.38	39.28	16.1	68.2	-12.82	134	127	Peak

Remarks:

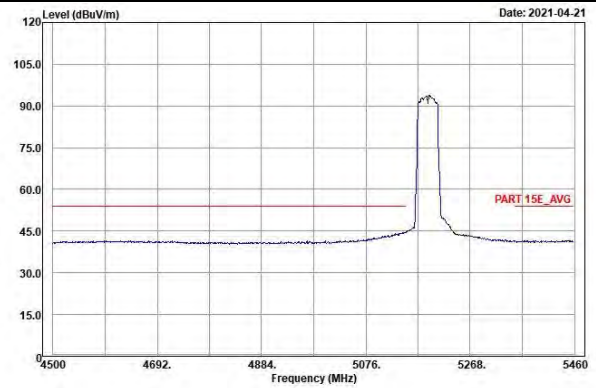
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5190 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

### Channel 38

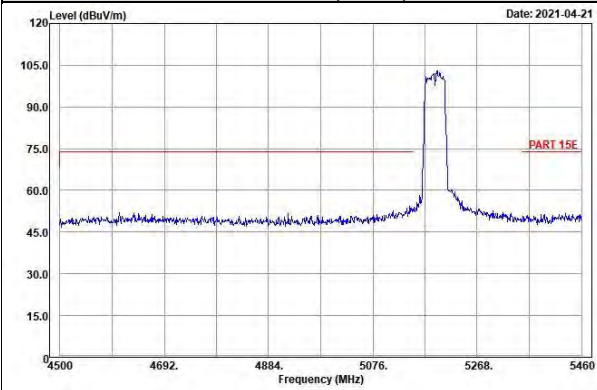
#### Horizontal (Peak)



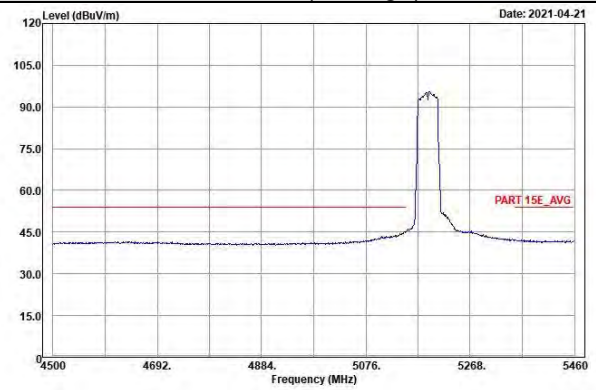
#### Horizontal (Average)



#### Vertical (Peak)

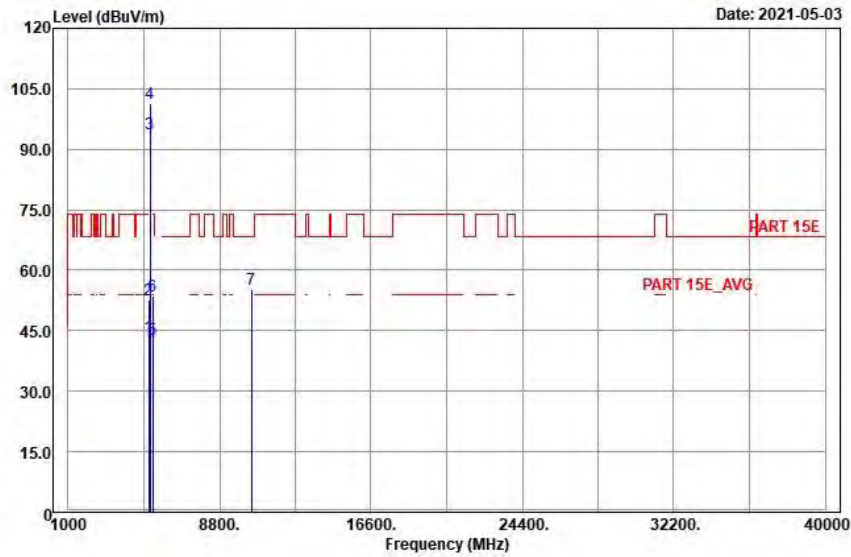


#### Vertical (Average)

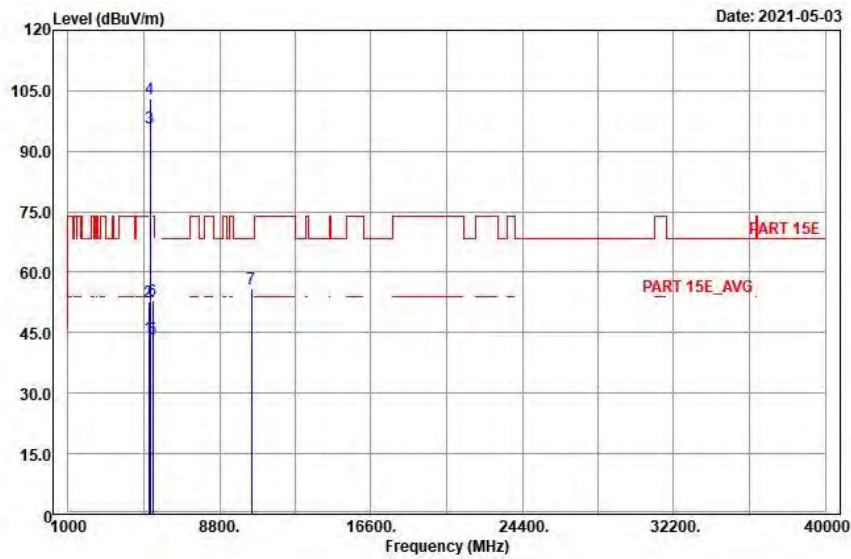


EUT Test Condition		Measurement Detail	
Channel	Channel 46	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical





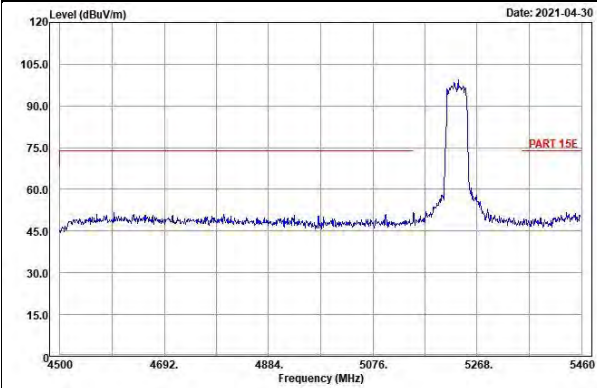
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	43.57	33.52	10.05	54	-10.43	149	130	Average
5150	52.62	42.57	10.05	74	-21.38	149	130	Peak
5230	93.97	83.83	10.14			149	130	Average
5230	101.25	91.11	10.14			149	130	Peak
5350	42.82	32.59	10.23	54	-11.18	149	130	Average
5350	53.66	43.43	10.23	74	-20.34	149	130	Peak
*10460	55.34	39.34	16	68.2	-12.86	118	47	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	43.96	33.91	10.05	54	-10.04	188	87	Average
5150	52.62	42.57	10.05	74	-21.38	188	87	Peak
5230	95.74	85.6	10.14			188	87	Average
5230	103.09	92.95	10.14			188	87	Peak
5350	43.47	33.24	10.23	54	-10.53	188	87	Average
5350	52.91	42.68	10.23	74	-21.09	188	87	Peak
*10460	55.8	39.8	16	68.2	-12.4	118	301	Peak

Remarks:

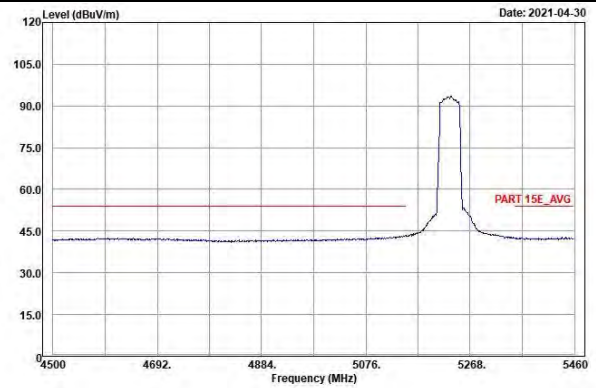
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5230 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 46

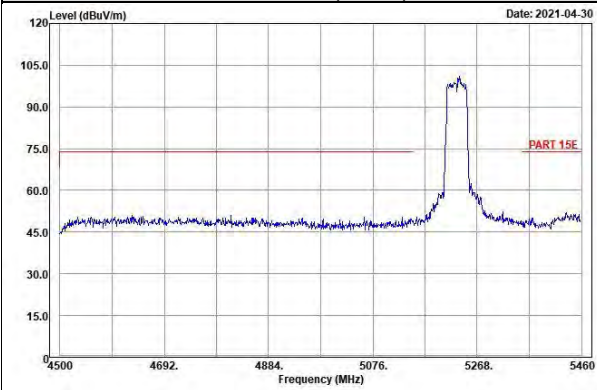
Horizontal (Peak)



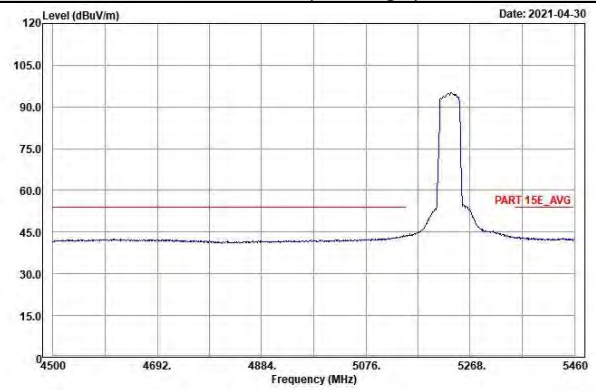
Horizontal (Average)



Vertical (Peak)

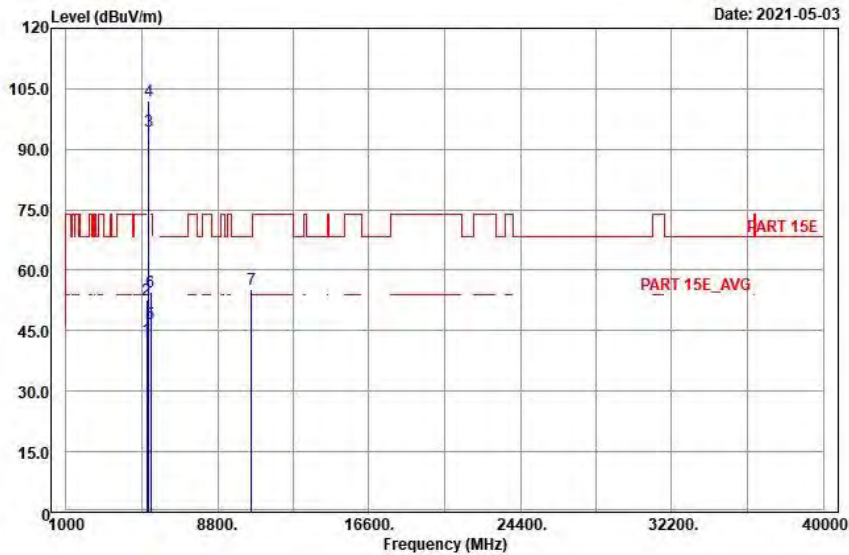


Vertical (Average)

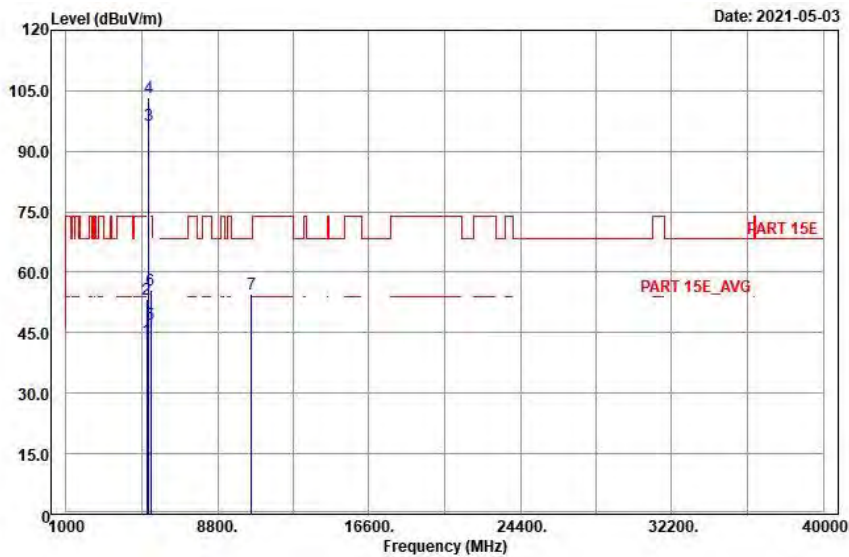


EUT Test Condition		Measurement Detail	
Channel	Channel 54	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	42.99	32.94	10.05	54	-11.01	155	114	Average
5150	52.8	42.75	10.05	74	-21.2	155	114	Peak
5270	94.63	84.51	10.12			155	114	Average
5270	101.88	91.76	10.12			155	114	Peak
5350	46.68	36.45	10.23	54	-7.32	155	114	Average
5350	54.51	44.28	10.23	74	-19.49	155	114	Peak
*10540	55.29	39.46	15.83	68.2	-12.91	291	82	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

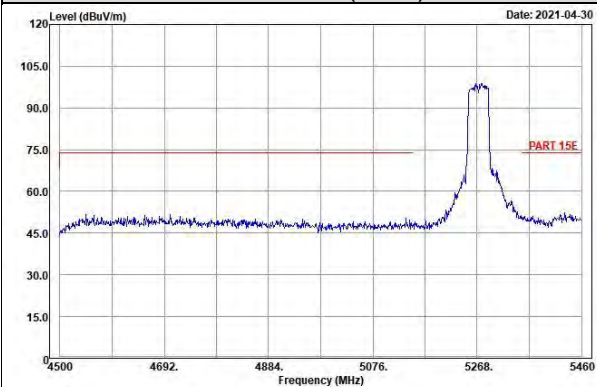
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	43.07	33.02	10.05	54	-10.93	220	87	Average
5150	53.37	43.32	10.05	74	-20.63	220	87	Peak
5270	96.3	86.18	10.12			220	87	Average
5270	103.27	93.15	10.12			220	87	Peak
5350	47.14	36.91	10.23	54	-6.86	220	87	Average
5350	55.71	45.48	10.23	74	-18.29	220	87	Peak
*10540	54.65	38.82	15.83	68.2	-13.55	238	221	Peak

Remarks:

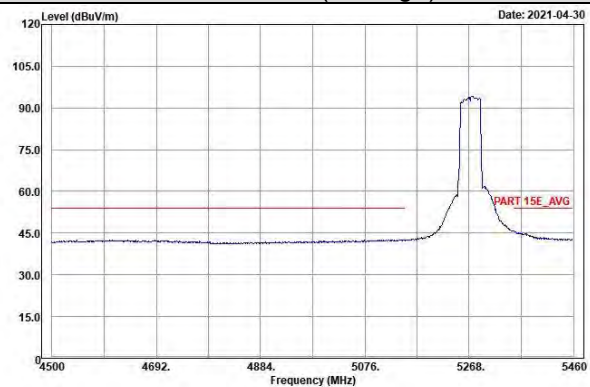
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5270 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 54

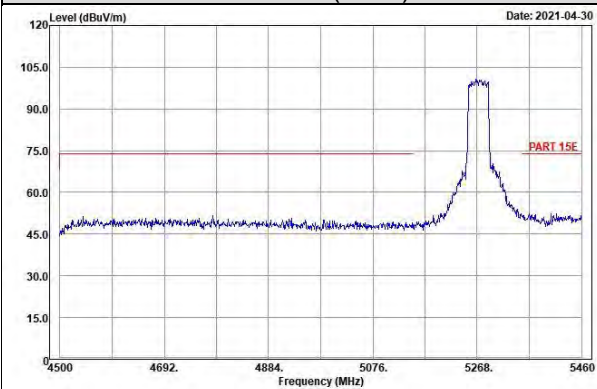
Horizontal (Peak)



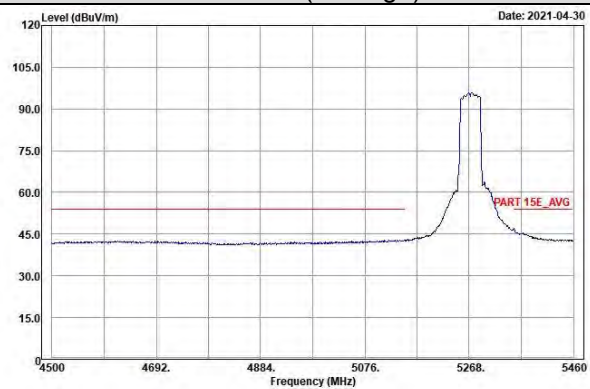
Horizontal (Average)



Vertical (Peak)

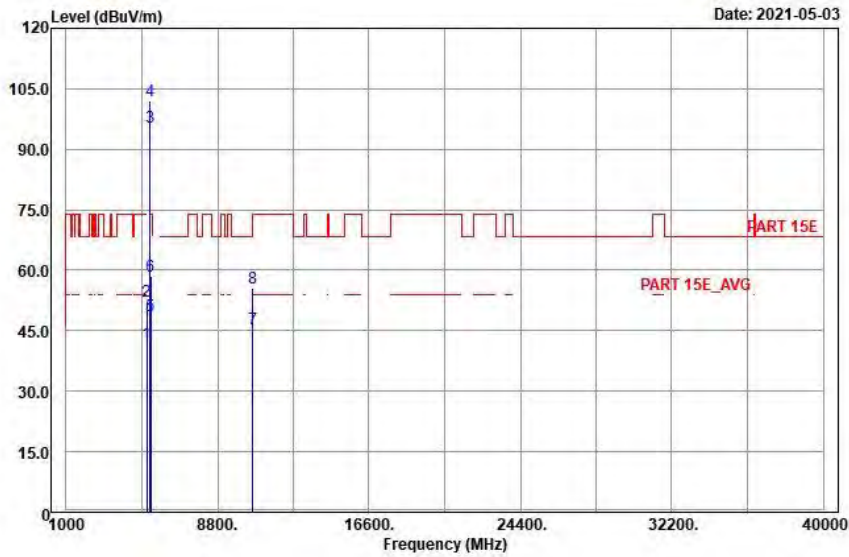


Vertical (Average)

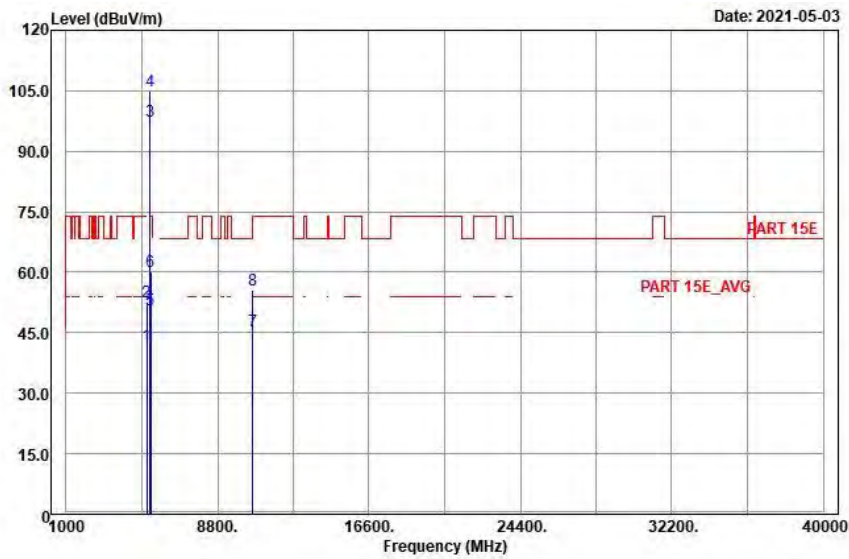


EUT Test Condition		Measurement Detail	
Channel	Channel 62	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	41.95	31.9	10.05	54	-12.05	171	114	Average
5150	52.46	42.41	10.05	74	-21.54	171	114	Peak
5310	95.47	85.38	10.09			171	114	Average
5310	102.16	92.07	10.09			171	114	Peak
5350	48.77	38.54	10.23	54	-5.23	171	114	Average
5350	58.59	48.36	10.23	74	-15.41	171	114	Peak
10620	45.41	29.53	15.88	54	-8.59	179	114	Average
10620	55.71	39.83	15.88	74	-18.29	179	114	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

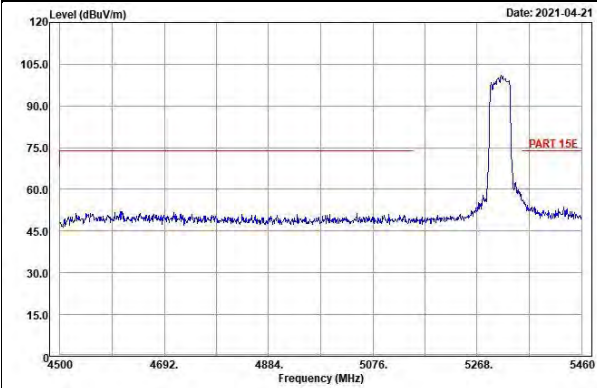
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	41.92	31.87	10.05	54	-12.08	220	91	Average
5150	52.73	42.68	10.05	74	-21.27	220	91	Peak
5310	97.46	87.37	10.09			220	91	Average
5310	104.8	94.71	10.09			220	91	Peak
5350	50.6	40.37	10.23	54	-3.4	220	91	Average
5350	60.24	50.01	10.23	74	-13.76	220	91	Peak
10620	45.3	29.42	15.88	54	-8.7	157	128	Average
10620	55.45	39.57	15.88	74	-18.55	157	128	Peak

Remarks:

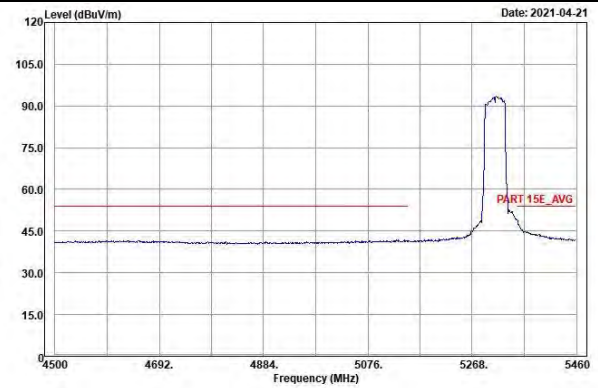
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5310 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 62

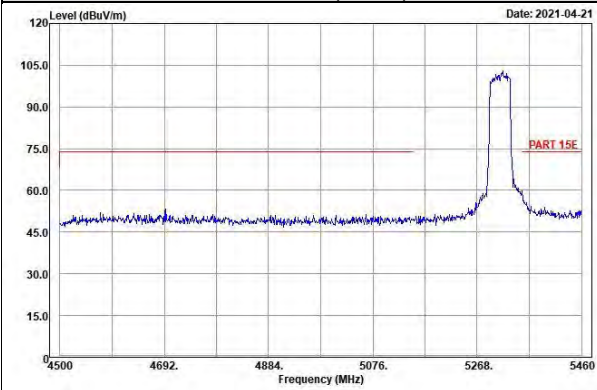
Horizontal (Peak)



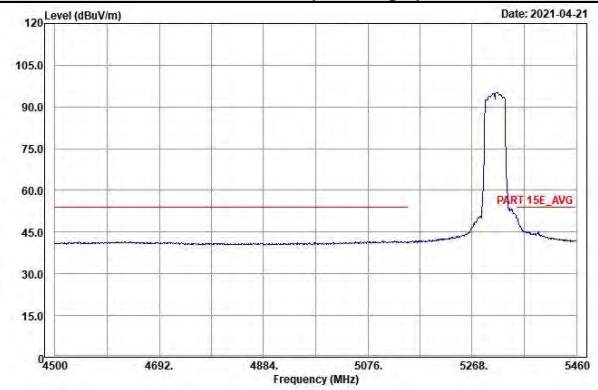
Horizontal (Average)



Vertical (Peak)



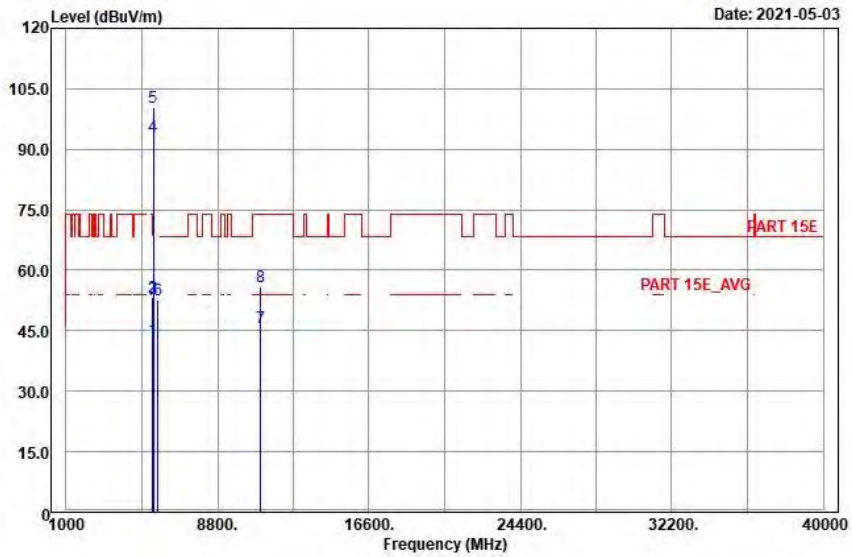
Vertical (Average)



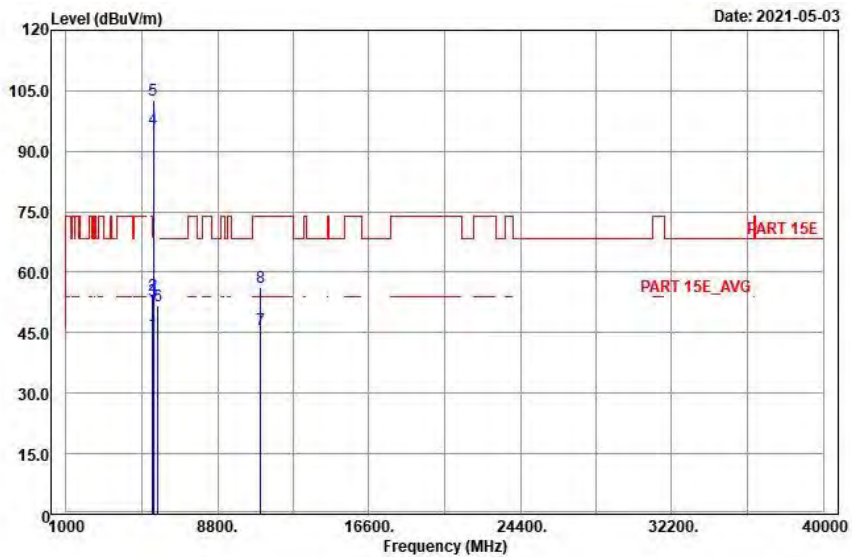


EUT Test Condition		Measurement Detail	
Channel	Channel 102	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	42.88	32.37	10.51	54	-11.12	176	130	Average
5460	53.43	42.92	10.51	74	-20.57	176	130	Peak
*5470	53.06	42.53	10.53	68.2	-15.14	176	130	Peak
5510	93.25	82.65	10.6			176	130	Average
5510	100.48	89.88	10.6			176	130	Peak
*5725	52.53	41.61	10.92	68.2	-15.67	176	130	Peak
11020	45.72	29.56	16.16	54	-8.28	282	180	Average
11020	55.85	39.69	16.16	74	-18.15	282	180	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

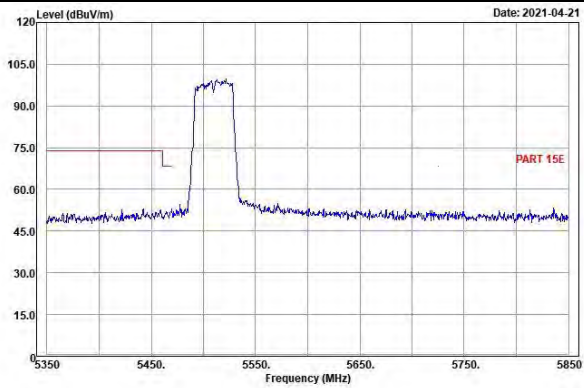
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	44.8	34.29	10.51	54	-9.2	220	79	Average
5460	54.29	43.78	10.51	74	-19.71	220	79	Peak
*5470	52.94	42.41	10.53	68.2	-15.26	220	79	Peak
5510	95.46	84.86	10.6			220	79	Average
5510	102.69	92.09	10.6			220	79	Peak
*5725	51.67	40.75	10.92	68.2	-16.53	220	79	Peak
11020	45.89	29.73	16.16	54	-8.11	263	10	Average
11020	56.27	40.11	16.16	74	-17.73	263	10	Peak

Remarks:

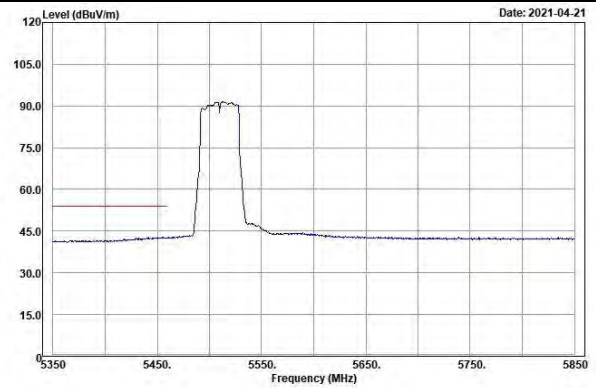
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5510 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 102

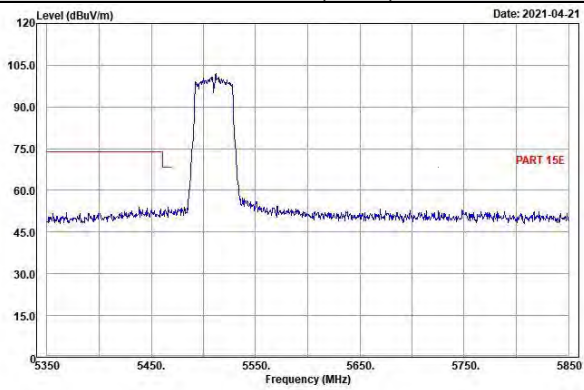
Horizontal (Peak)



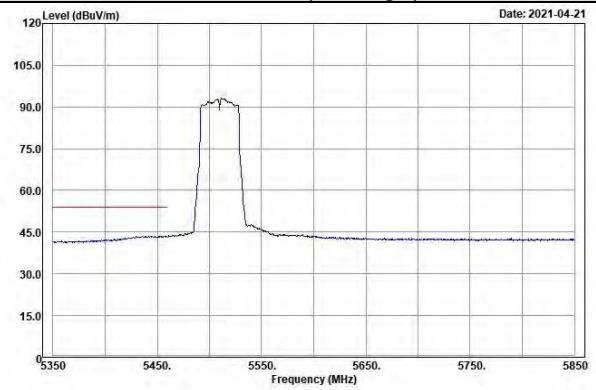
Horizontal (Average)



Vertical (Peak)

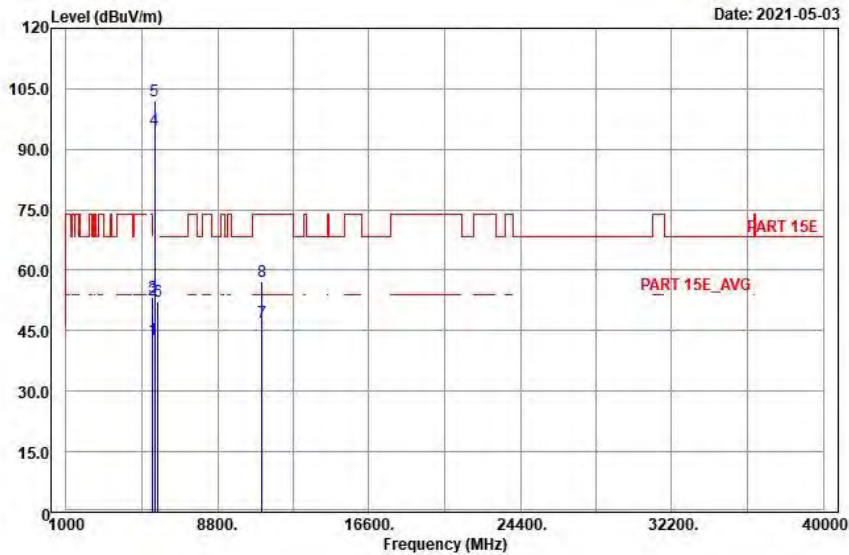


Vertical (Average)

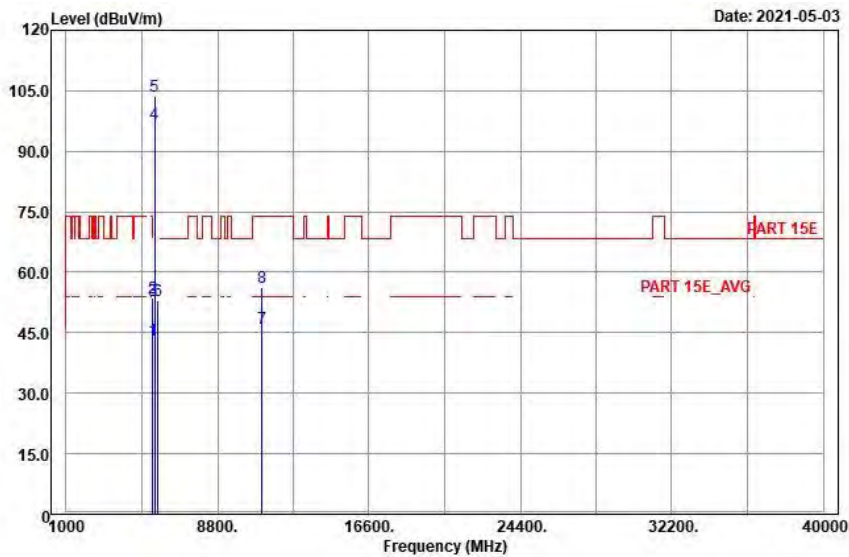


EUT Test Condition		Measurement Detail	
Channel	Channel 110	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	42.67	32.16	10.51	54	-11.33	176	130	Average
5460	52.48	41.97	10.51	74	-21.52	176	130	Peak
*5470	53.14	42.61	10.53	68.2	-15.06	176	130	Peak
5550	94.77	84.09	10.68			176	130	Average
5550	101.95	91.27	10.68			176	130	Peak
*5725	52.38	41.46	10.92	68.2	-15.82	176	130	Peak
11100	47.18	30.91	16.27	54	-6.82	125	287	Average
11100	57.21	40.94	16.27	74	-16.79	125	287	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

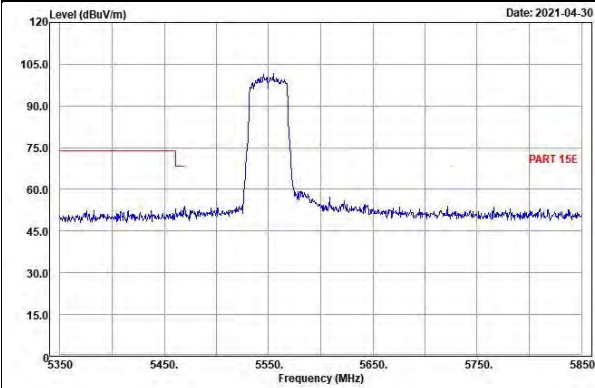
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.13	32.62	10.51	54	-10.87	198	87	Average
5460	53.72	43.21	10.51	74	-20.28	198	87	Peak
*5470	53.04	42.51	10.53	68.2	-15.16	198	87	Peak
5550	96.91	86.23	10.68			198	87	Average
5550	103.68	93	10.68			198	87	Peak
*5725	53.07	42.15	10.92	68.2	-15.13	198	87	Peak
11100	45.96	29.69	16.27	54	-8.04	228	41	Average
11100	56.19	39.92	16.27	74	-17.81	228	41	Peak

Remarks:

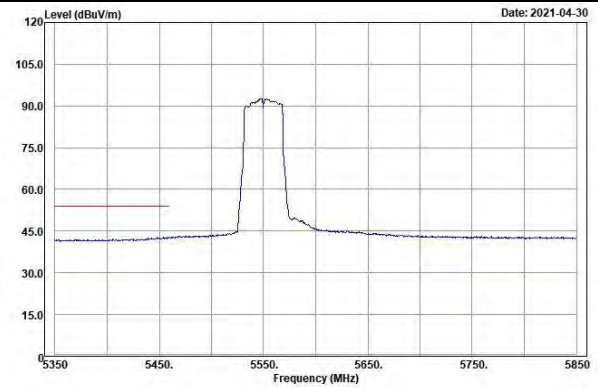
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5550 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 110

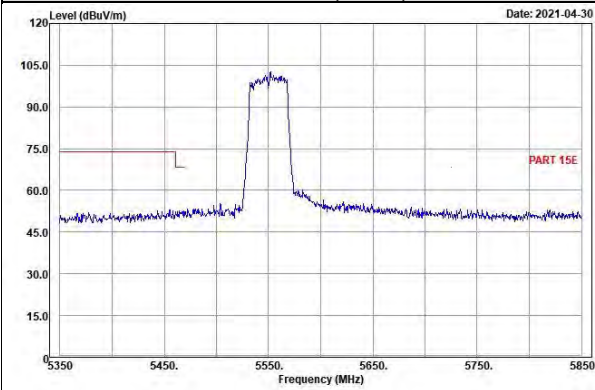
Horizontal (Peak)



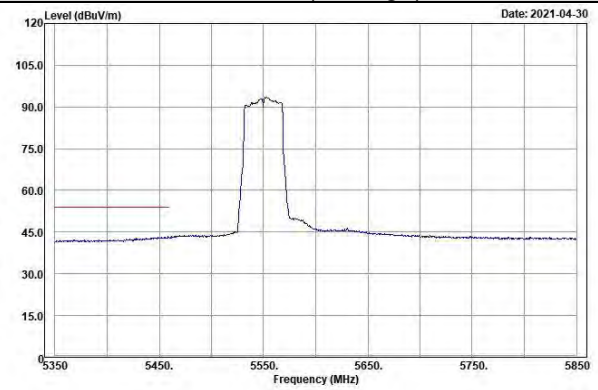
Horizontal (Average)



Vertical (Peak)

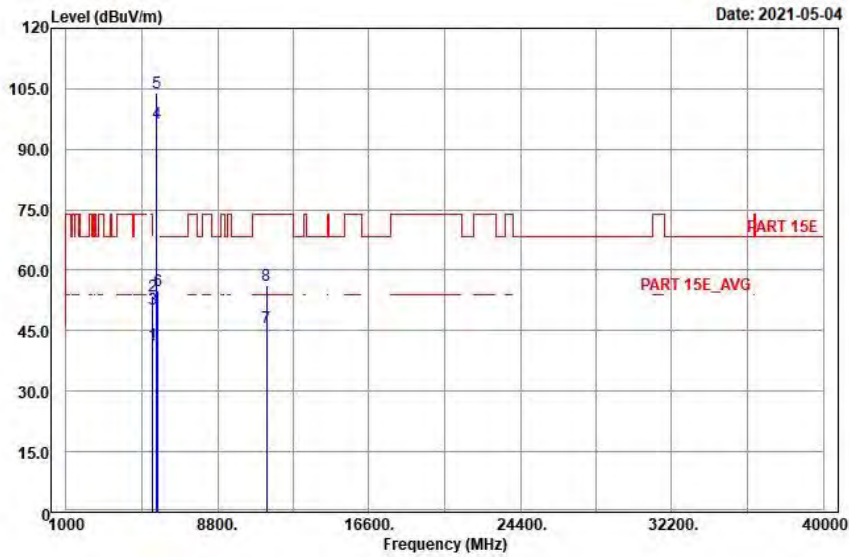


Vertical (Average)

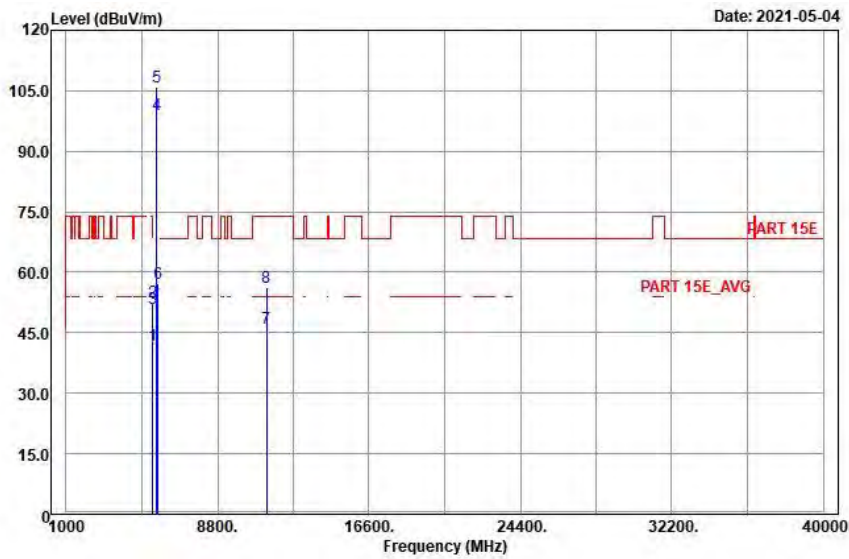


EUT Test Condition		Measurement Detail	
Channel	Channel 134	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	41.68	31.17	10.51	54	-12.32	176	130	Average
5460	53.69	43.18	10.51	74	-20.31	176	130	Peak
*5470	50.47	39.94	10.53	68.2	-17.73	176	130	Peak
5670	96.59	85.69	10.9			176	130	Average
5670	103.82	92.92	10.9			176	130	Peak
*5725	54.96	44.04	10.92	68.2	-13.24	176	130	Peak
11340	45.9	29.48	16.42	54	-8.1	212	91	Average
11340	56.13	39.71	16.42	74	-17.87	212	91	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	41.95	31.44	10.51	54	-12.05	220	93	Average
5460	52.79	42.28	10.51	74	-21.21	220	93	Peak
*5470	51.05	40.52	10.53	68.2	-17.15	220	93	Peak
5670	98.97	88.07	10.9			220	93	Average
5670	105.88	94.98	10.9			220	93	Peak
*5725	57.3	46.38	10.92	68.2	-10.9	220	93	Peak
11340	46.07	29.65	16.42	54	-7.93	236	228	Average
11340	56.22	39.8	16.42	74	-17.78	236	228	Peak

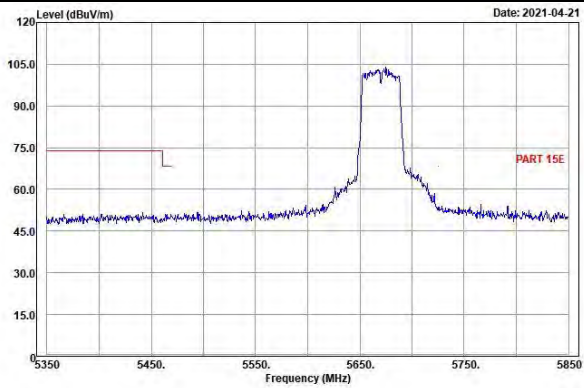
Remarks:

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

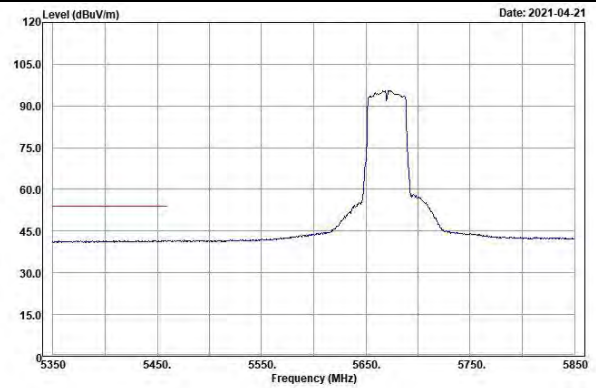


Channel 134

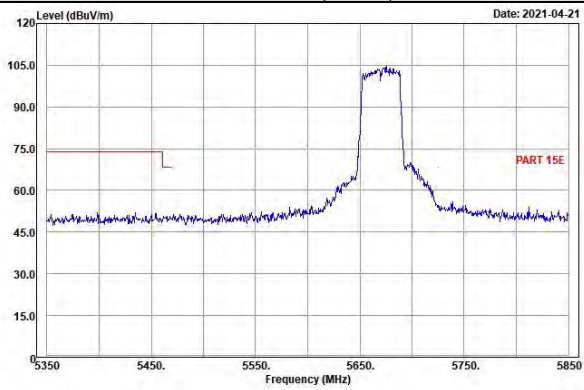
Horizontal (Peak)



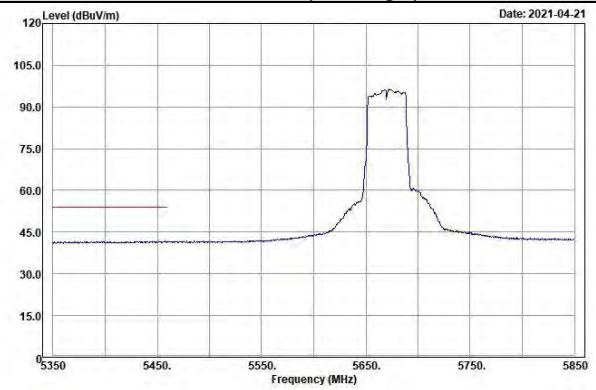
Horizontal (Average)



Vertical (Peak)

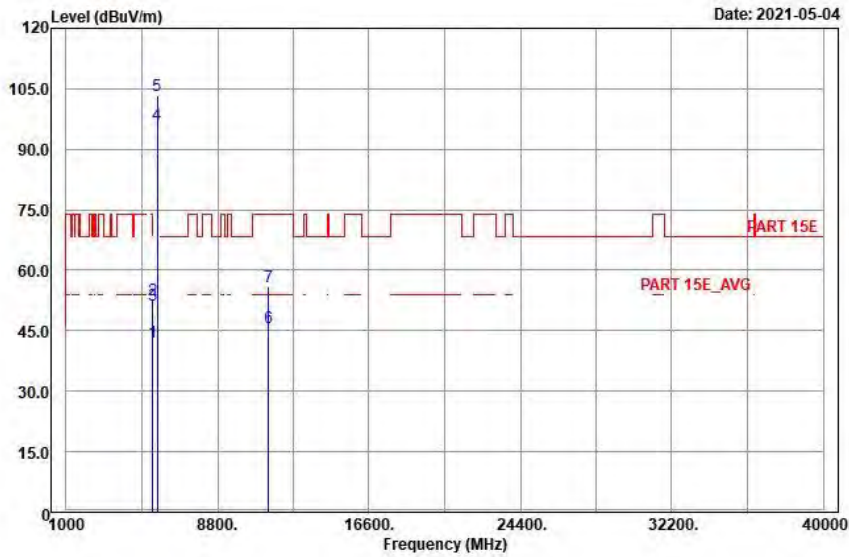


Vertical (Average)

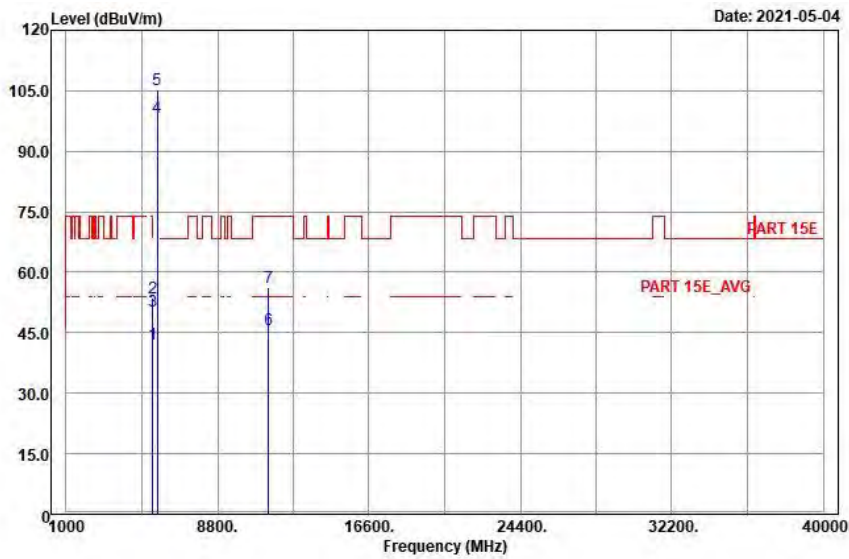


EUT Test Condition		Measurement Detail	
Channel	Channel 142	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	42.1	31.59	10.51	54	-11.9	176	130	Average
5460	52.8	42.29	10.51	74	-21.2	176	130	Peak
*5470	51.32	40.79	10.53	68.2	-16.88	176	130	Peak
5710	96.26	85.35	10.91			176	130	Average
5710	103.23	92.32	10.91			176	130	Peak
11420	45.94	29.68	16.26	54	-8.06	187	222	Average
11420	55.92	39.66	16.26	74	-18.08	187	222	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

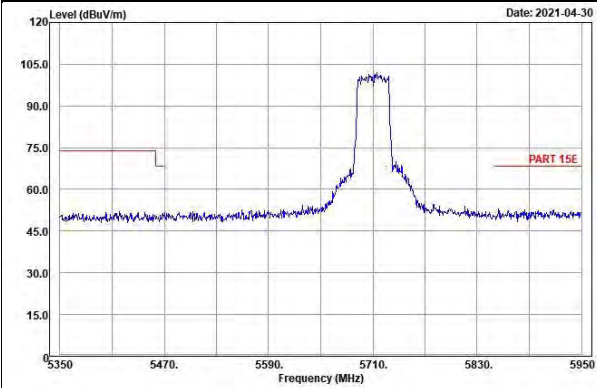
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	42.13	31.62	10.51	54	-11.87	198	87	Average
5460	53.76	43.25	10.51	74	-20.24	198	87	Peak
*5470	50.44	39.91	10.53	68.2	-17.76	198	87	Peak
5710	98.52	87.61	10.91			198	87	Average
5710	105.13	94.22	10.91			198	87	Peak
11420	45.94	29.68	16.26	54	-8.06	112	184	Average
11420	56.16	39.9	16.26	74	-17.84	112	184	Peak

Remarks:

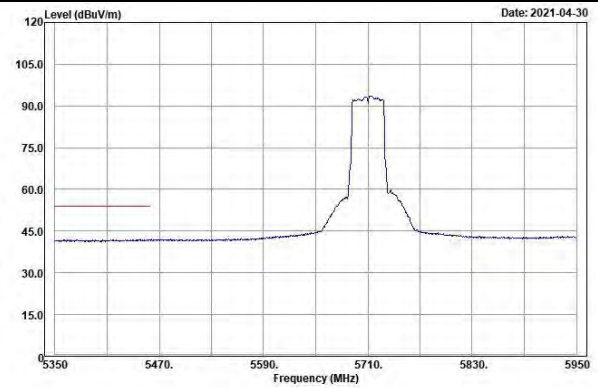
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5710 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 142

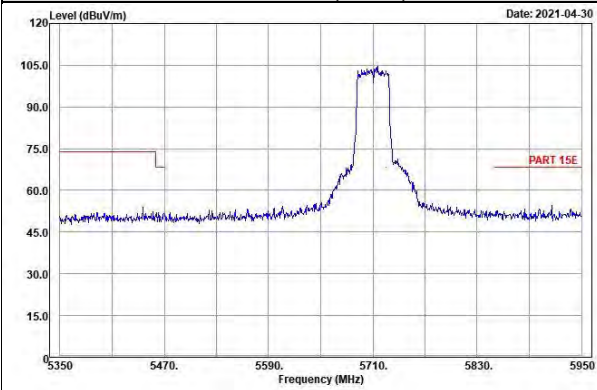
Horizontal (Peak)



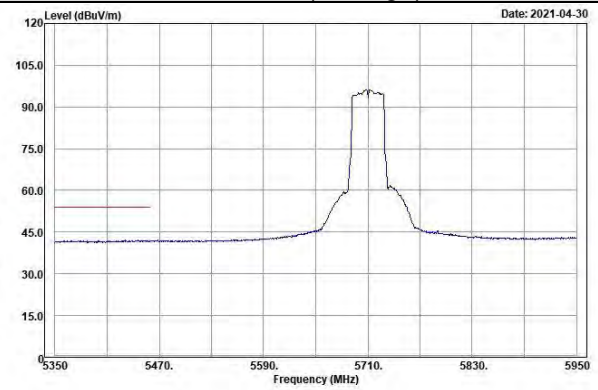
Horizontal (Average)



Vertical (Peak)

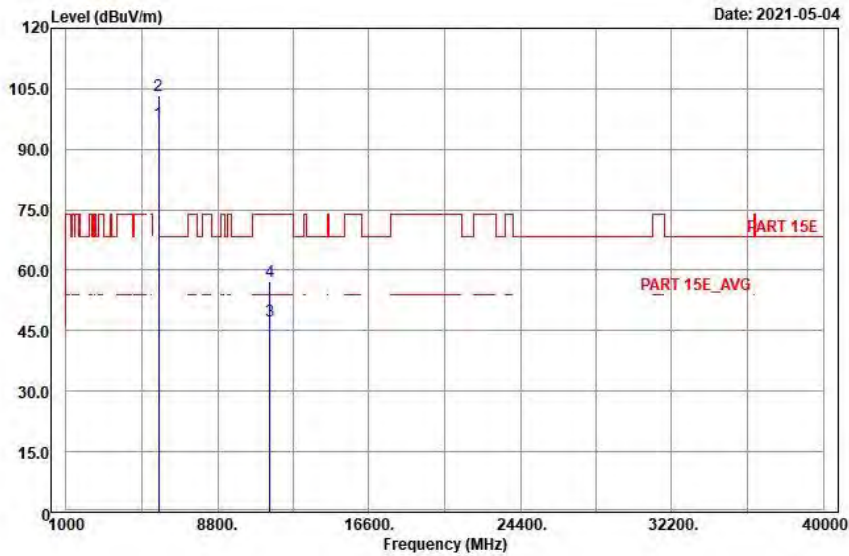


Vertical (Average)

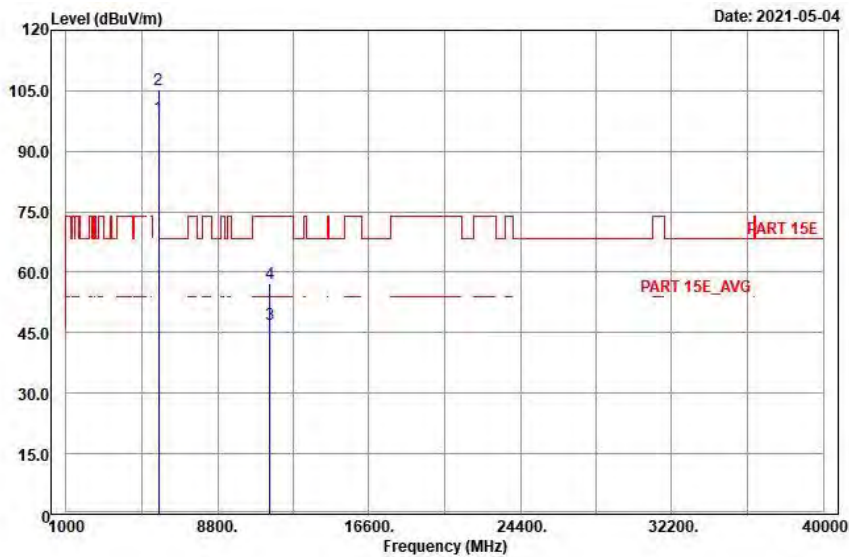


EUT Test Condition		Measurement Detail	
Channel	Channel 151	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

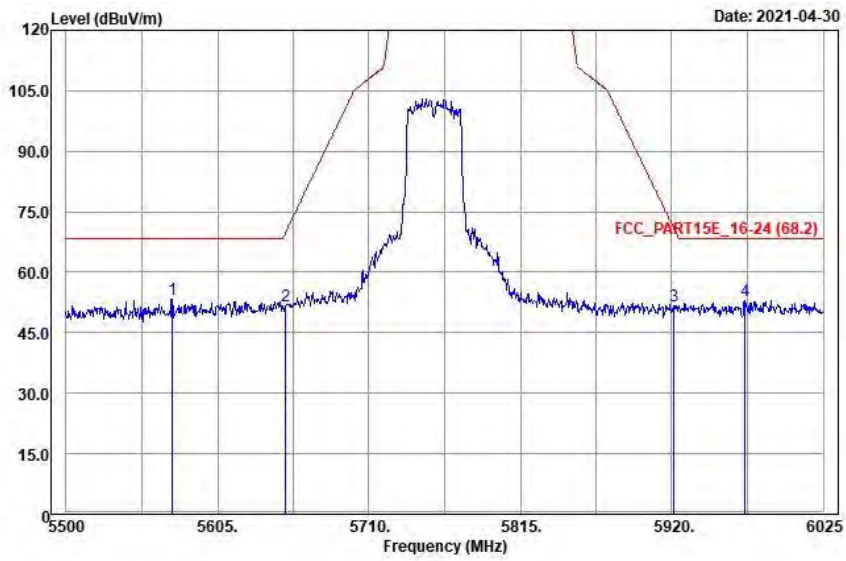
<Spurious Emission>  
Horizontal



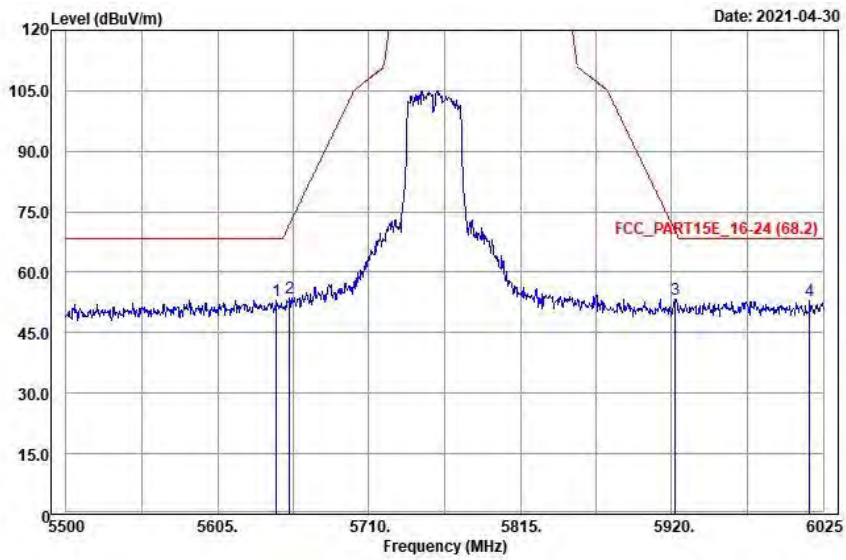
Vertical



<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	96.54	85.64	10.9			176	130	Average
5755	103.44	92.54	10.9			176	130	Peak
11510	47.26	30.75	16.51	54	-6.74	334	237	Average
11510	57.33	40.82	16.51	74	-16.67	334	237	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	98.33	87.43	10.9			198	87	Average
5755	105.13	94.23	10.9			198	87	Peak
11510	47.01	30.5	16.51	54	-6.99	106	221	Average
11510	57.22	40.71	16.51	74	-16.78	106	221	Peak

**<Out of Band Emission (OOBE)>**

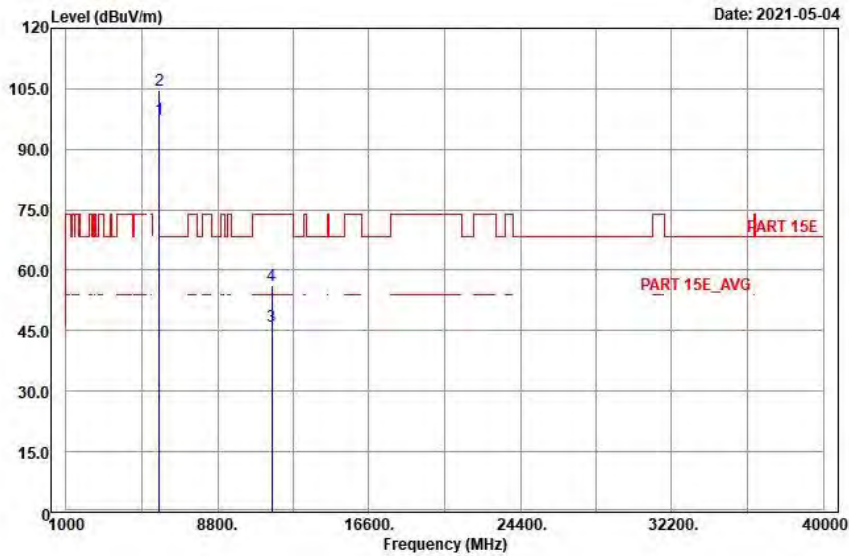
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5573.5	53.25	42.55	10.7	68.2	-14.95	176	130	Peak
5652.25	51.68	40.81	10.87	69.86	-18.18	176	130	Peak
5921.575	51.74	40.63	11.11	70.73	-18.99	176	130	Peak
*5970.925	53.02	41.77	11.25	68.2	-15.18	176	130	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
*5645.95	53.05	42.2	10.85	68.2	-15.15	198	87	Peak
5654.875	53.63	42.76	10.87	71.81	-18.18	198	87	Peak
5922.625	53.36	42.25	11.11	69.96	-16.6	198	87	Peak
*6015.55	53.02	41.67	11.35	68.2	-15.18	198	87	Peak

Remarks:

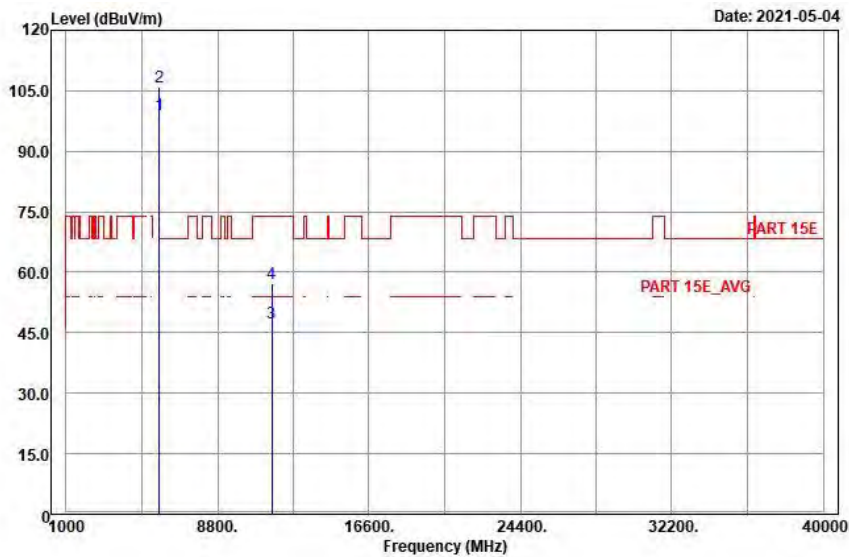
- Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor  
Margin Value = Emission Level – Limit value
- 5755 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

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	Karl Lee, Charles Hsiao

<Spurious Emission>  
Horizontal

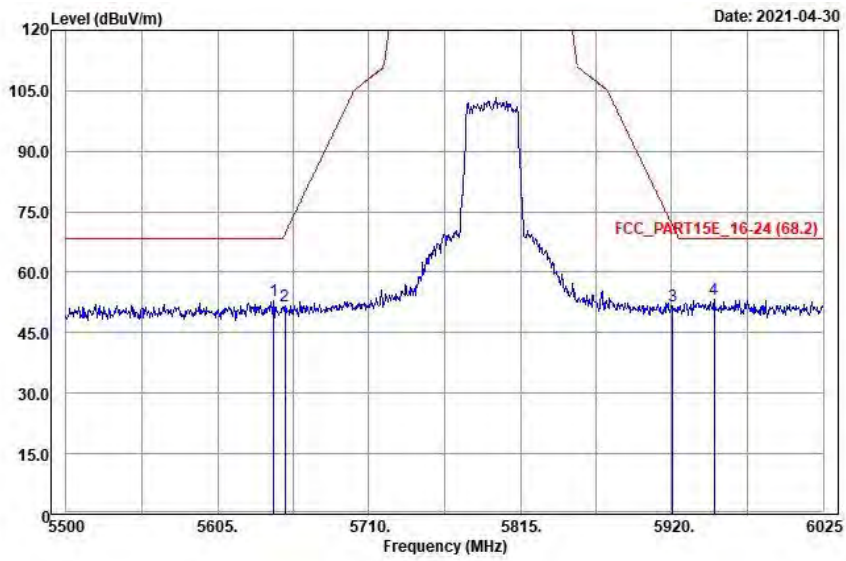


Vertical

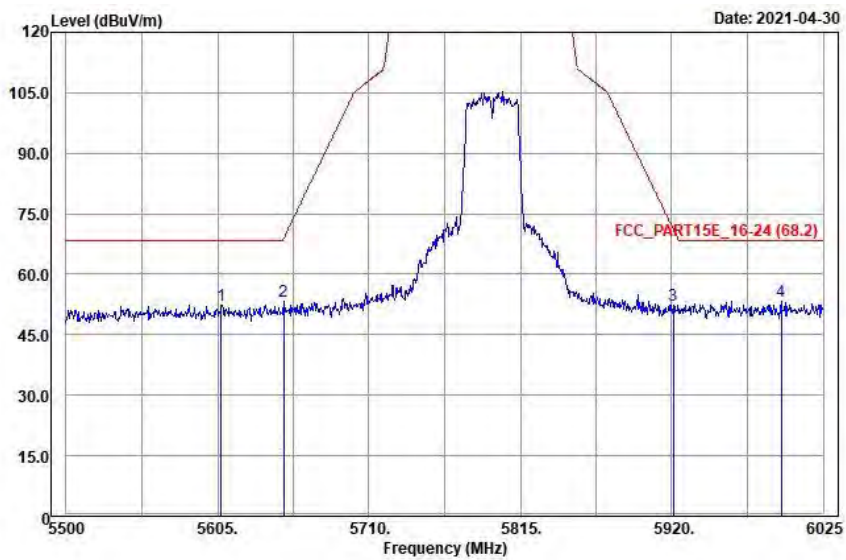




<Out of Band Emission (OOBE)>  
Horizontal



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	97.58	86.76	10.82			176	130	Average
5795	104.75	93.93	10.82			176	130	Peak
11590	46.03	29.52	16.51	54	-7.97	125	170	Average
11590	56.14	39.63	16.51	74	-17.86	125	170	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	99.11	88.29	10.82			198	87	Average
5795	106.02	95.2	10.82			198	87	Peak
11590	47.25	30.74	16.51	54	-6.75	274	338	Average
11590	57.38	40.87	16.51	74	-16.62	274	338	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	52.83	42	10.83	68.2	-15.37	176	130	Peak
5651.725	51.51	40.64	10.87	69.48	-17.97	176	130	Peak
5920.525	51.5	40.41	11.09	71.51	-20.01	176	130	Peak
*5949.4	53.29	42.11	11.18	68.2	-14.91	176	130	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
*5607.625	52.4	41.65	10.75	68.2	-15.8	198	87	Peak
5650.675	53.19	42.32	10.87	68.7	-15.51	198	87	Peak
5921.05	52.25	41.16	11.09	71.12	-18.87	198	87	Peak
*5996.125	53.19	41.86	11.33	68.2	-15.01	198	87	Peak

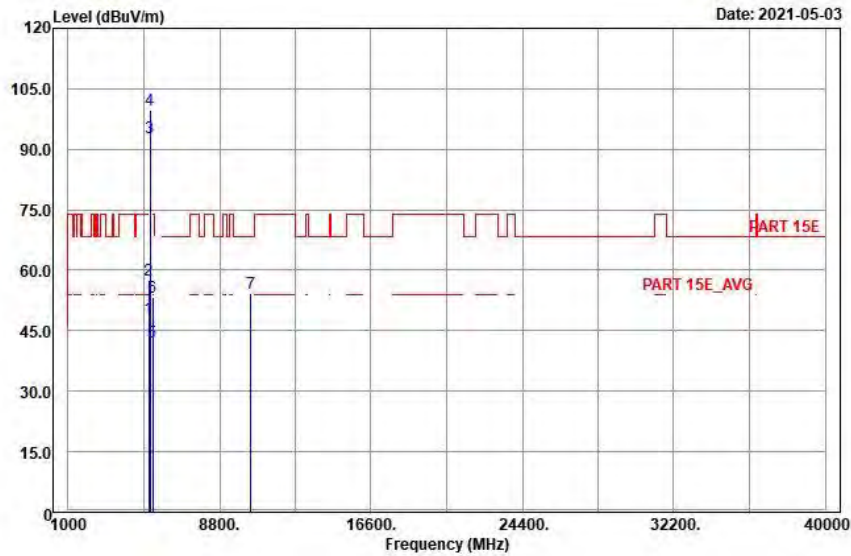
Remarks:

- 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.

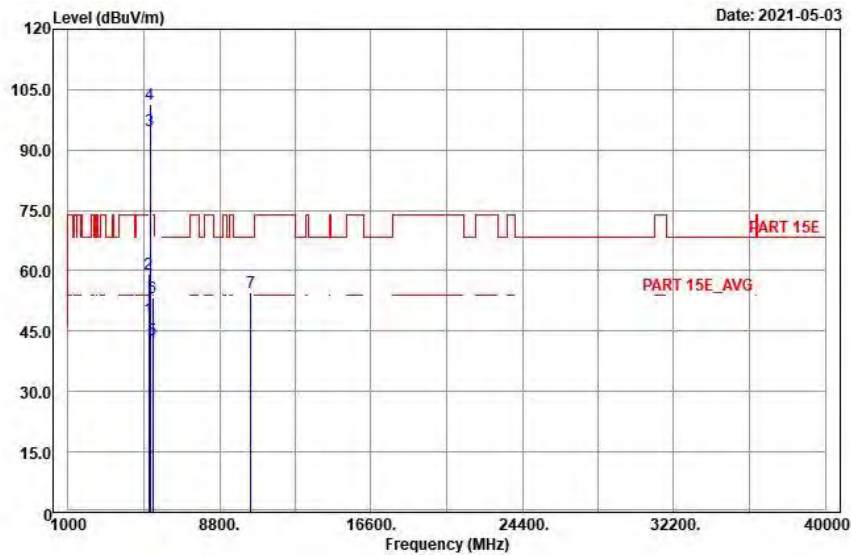
### 802.11ac (VHT80)

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	Karl Lee, 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	47.92	37.87	10.05	54	-6.08	176	130	Average
5150	57.55	47.5	10.05	74	-16.45	176	130	Peak
5210	92.84	82.67	10.17			176	130	Average
5210	99.68	89.51	10.17			176	130	Peak
5350	42.07	31.84	10.23	54	-11.93	176	130	Average
5350	53.38	43.15	10.23	74	-20.62	176	130	Peak
*10420	54.36	38.2	16.16	68.2	-13.84	282	140	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

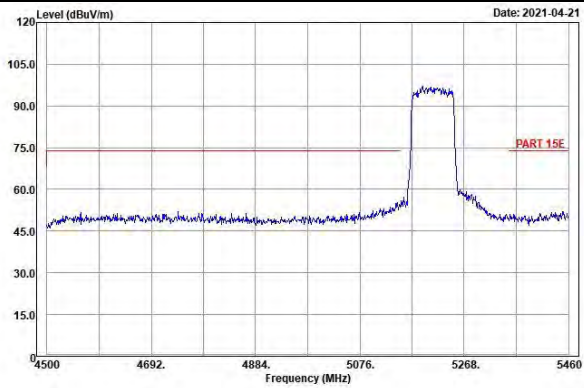
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	48.13	38.08	10.05	54	-5.87	198	96	Average
5150	59.33	49.28	10.05	74	-14.67	198	96	Peak
5210	94.84	84.67	10.17			198	96	Average
5210	101.37	91.2	10.17			198	96	Peak
5350	42.87	32.64	10.23	54	-11.13	198	96	Average
5350	53.31	43.08	10.23	74	-20.69	198	96	Peak
*10420	54.61	38.45	16.16	68.2	-13.59	314	72	Peak

Remarks:

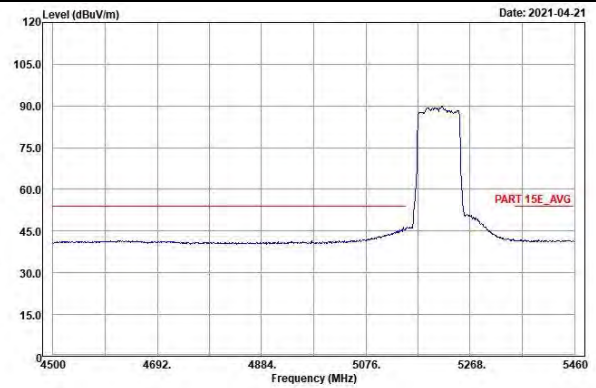
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5210 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 42

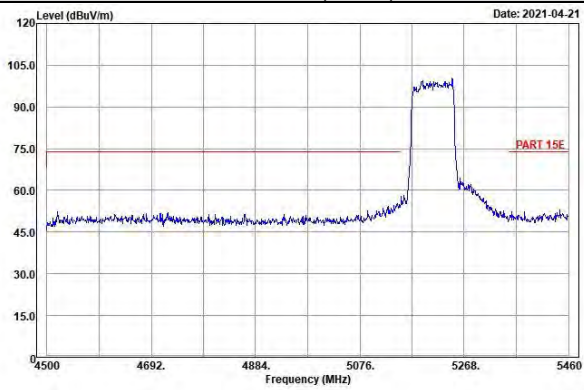
Horizontal (Peak)



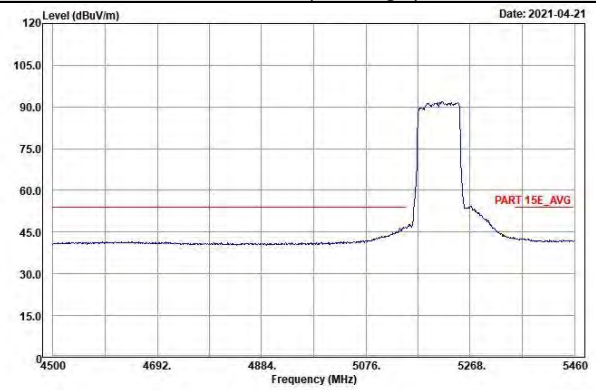
Horizontal (Average)



Vertical (Peak)

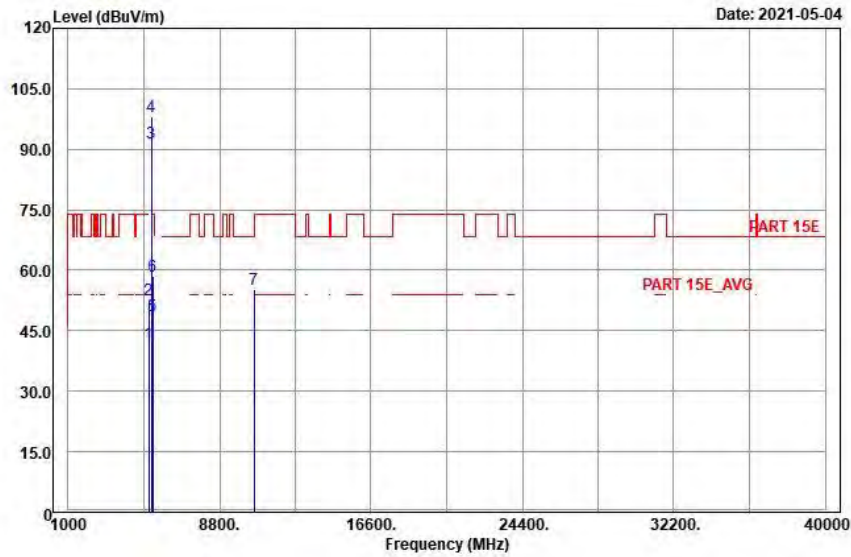


Vertical (Average)

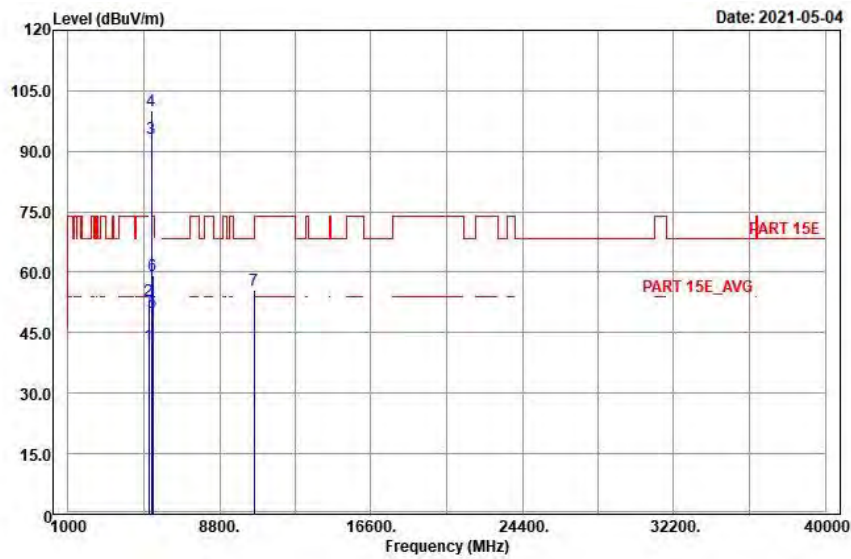


EUT Test Condition		Measurement Detail	
Channel	Channel 58	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	41.88	31.83	10.05	54	-12.12	171	114	Average
5150	52.69	42.64	10.05	74	-21.31	171	114	Peak
5290	91.46	81.36	10.1			171	114	Average
5290	98.23	88.13	10.1			171	114	Peak
5350	48.74	38.51	10.23	54	-5.26	171	114	Average
5350	58.58	48.35	10.23	74	-15.42	171	114	Peak
*10580	55.27	39.56	15.71	68.2	-12.93	213	292	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

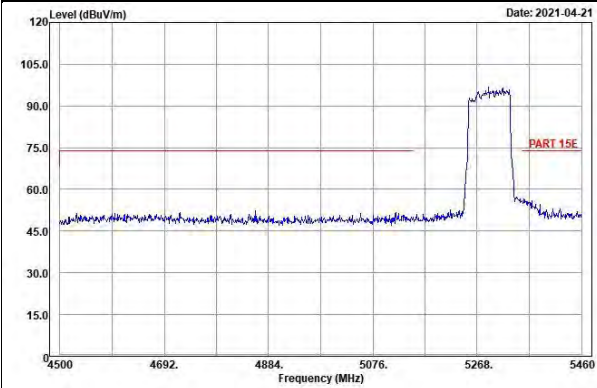
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.01	31.96	10.05	54	-11.99	220	91	Average
5150	53.07	43.02	10.05	74	-20.93	220	91	Peak
5290	93.31	83.21	10.1			220	91	Average
5290	100.18	90.08	10.1			220	91	Peak
5350	50.01	39.78	10.23	54	-3.99	220	91	Average
5350	59.22	48.99	10.23	74	-14.78	220	91	Peak
*10580	55.58	39.87	15.71	68.2	-12.62	172	4	Peak

Remarks:

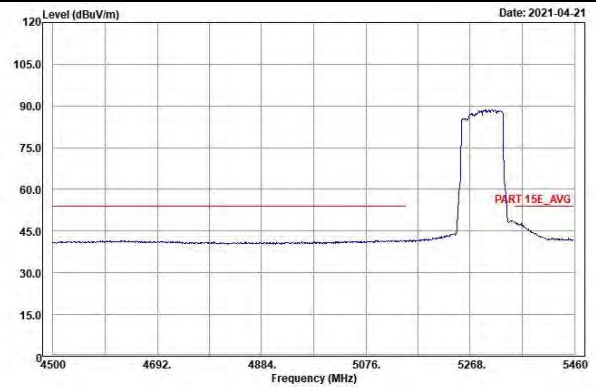
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5290 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 58

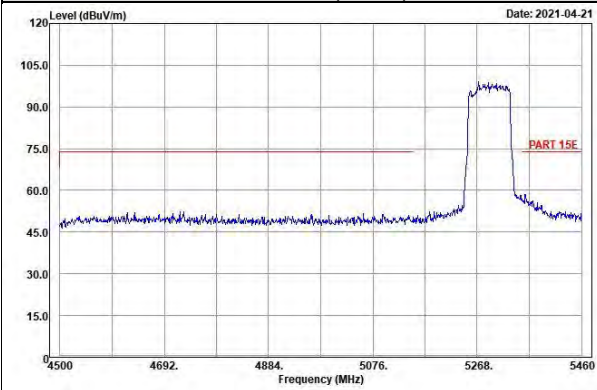
Horizontal (Peak)



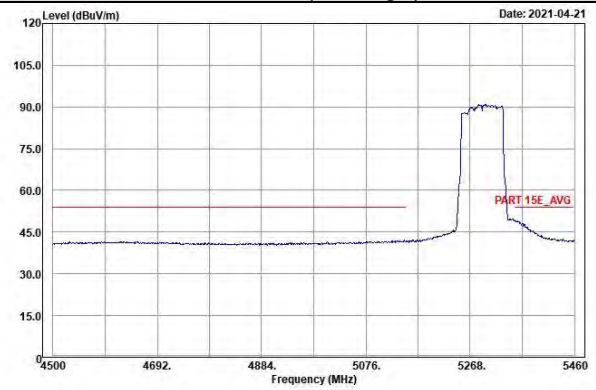
Horizontal (Average)



Vertical (Peak)



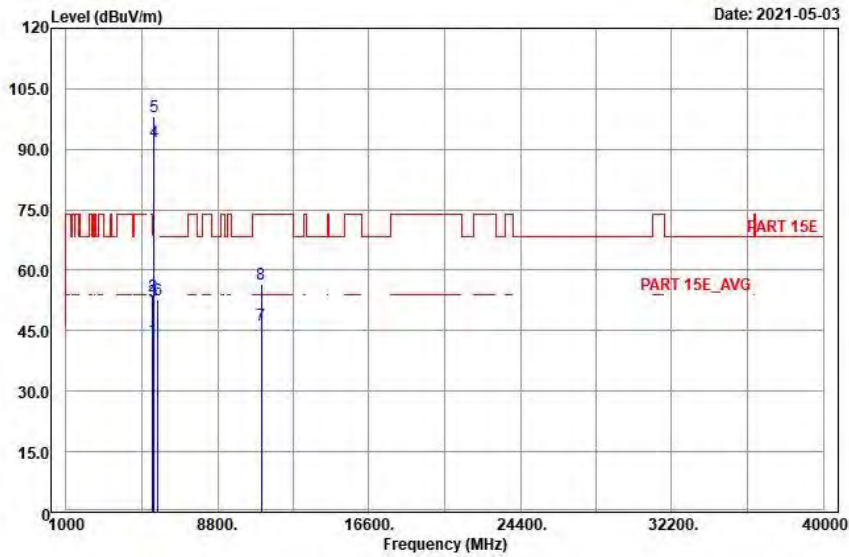
Vertical (Average)



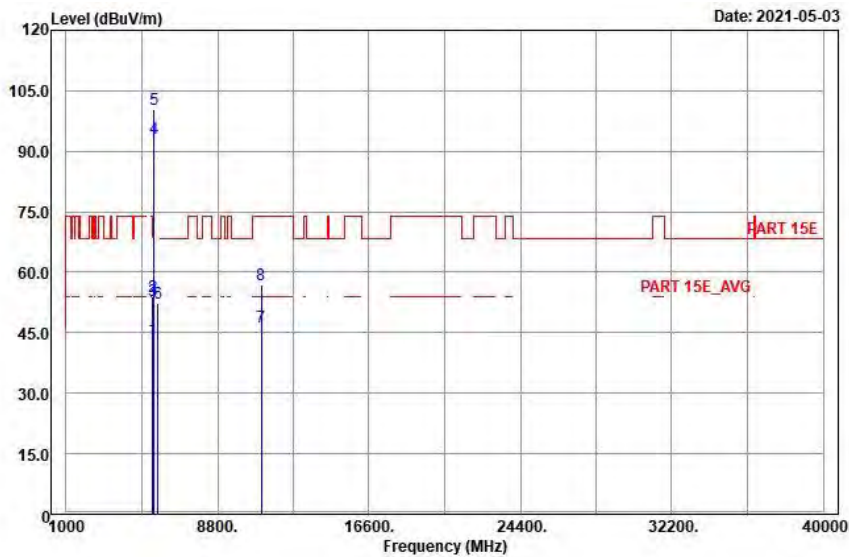


EUT Test Condition		Measurement Detail	
Channel	Channel 106	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	42.79	32.28	10.51	54	-11.21	176	130	Average
5460	53.55	43.04	10.51	74	-20.45	176	130	Peak
*5470	52.24	41.71	10.53	68.2	-15.96	176	130	Peak
5530	91.82	81.19	10.63			176	130	Average
5530	98.24	87.61	10.63			176	130	Peak
*5725	52.49	41.57	10.92	68.2	-15.71	176	130	Peak
11060	46.3	30.07	16.23	54	-7.7	147	228	Average
11060	56.46	40.23	16.23	74	-17.54	147	228	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

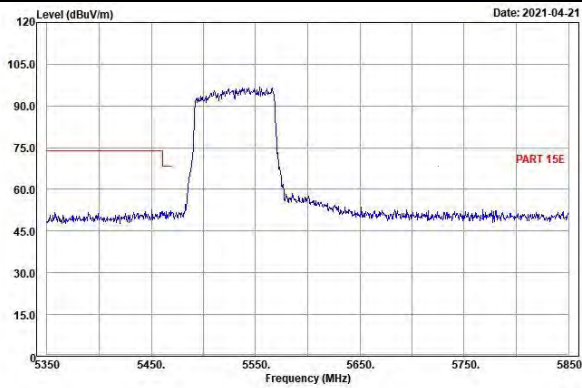
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.58	33.07	10.51	54	-10.42	220	90	Average
5460	54.01	43.5	10.51	74	-19.99	220	90	Peak
*5470	52.98	42.45	10.53	68.2	-15.22	220	90	Peak
5530	93.28	82.65	10.63			220	90	Average
5530	100.27	89.64	10.63			220	90	Peak
*5725	52.21	41.29	10.92	68.2	-15.99	220	90	Peak
11060	46.59	30.36	16.23	54	-7.41	128	36	Average
11060	56.89	40.66	16.23	74	-17.11	128	36	Peak

Remarks:

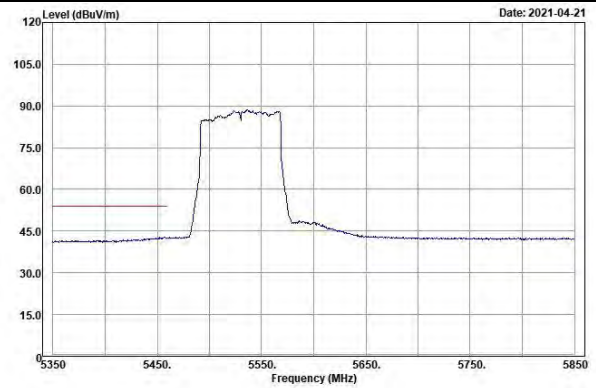
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5530 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 106

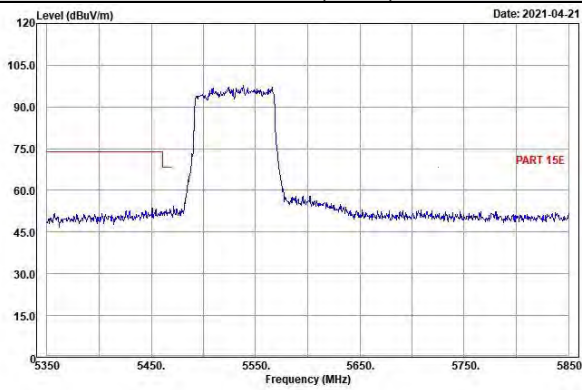
Horizontal (Peak)



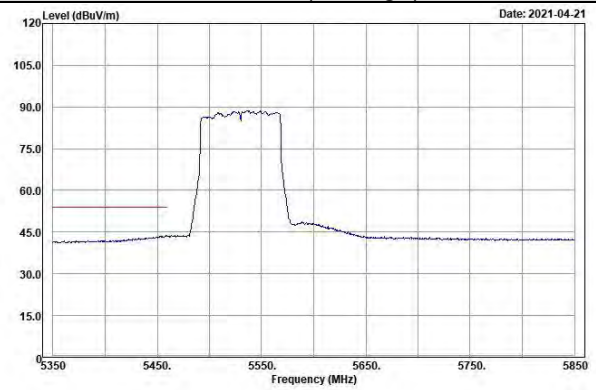
Horizontal (Average)



Vertical (Peak)

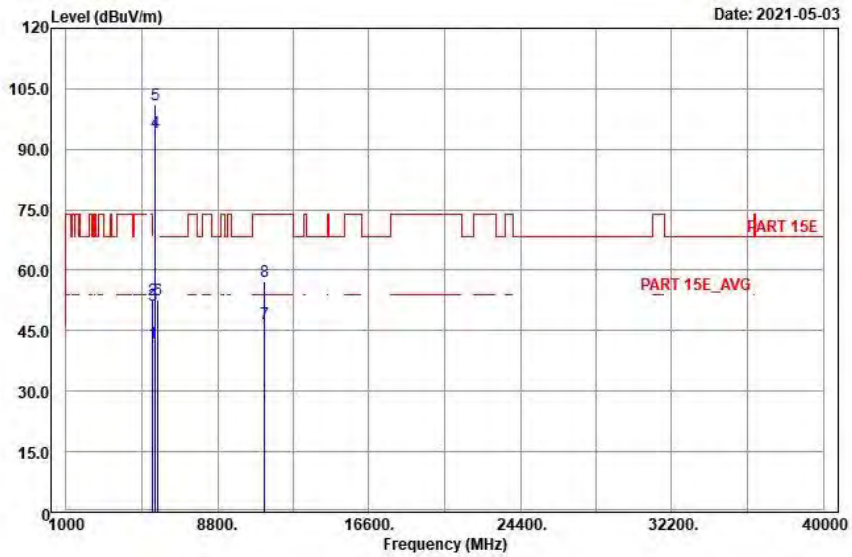


Vertical (Average)

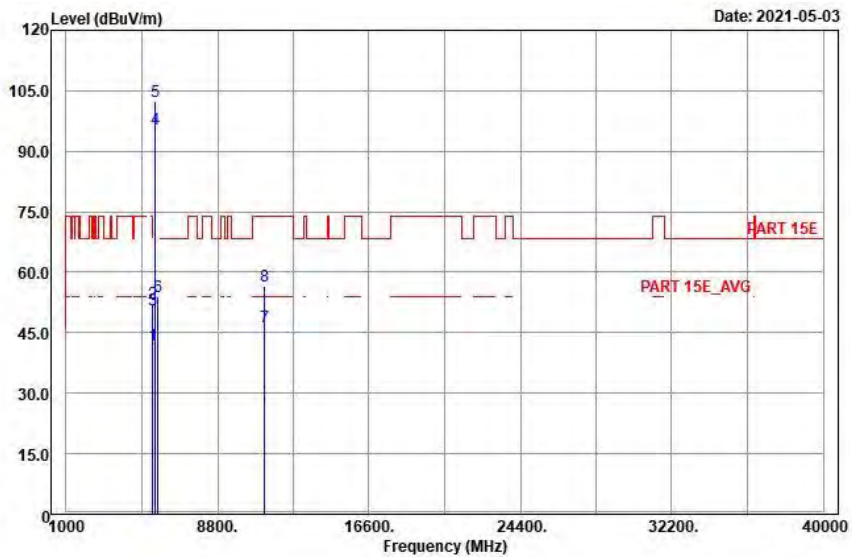


EUT Test Condition		Measurement Detail	
Channel	Channel 122	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	41.85	31.34	10.51	54	-12.15	176	130	Average
5460	52.51	42	10.51	74	-21.49	176	130	Peak
*5470	51.19	40.66	10.53	68.2	-17.01	176	130	Peak
5610	94.19	83.42	10.77			176	130	Average
5610	101.07	90.3	10.77			176	130	Peak
*5725	52.57	41.65	10.92	68.2	-15.63	176	130	Peak
11220	46.88	30.46	16.42	54	-7.12	241	312	Average
11220	57.17	40.75	16.42	74	-16.83	241	312	Peak

**Antenna Polarity & Test Distance: Vertical at 3 m**

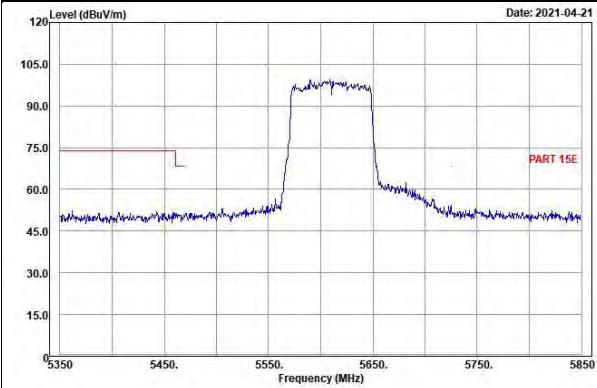
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	41.89	31.38	10.51	54	-12.11	177	95	Average
5460	52.44	41.93	10.51	74	-21.56	177	95	Peak
*5470	50.56	40.03	10.53	68.2	-17.64	177	95	Peak
5610	95.64	84.87	10.77			177	95	Average
5610	102.36	91.59	10.77			177	95	Peak
*5725	53.95	43.03	10.92	68.2	-14.25	177	95	Peak
11220	46.56	30.14	16.42	54	-7.44	243	173	Average
11220	56.7	40.28	16.42	74	-17.3	243	173	Peak

Remarks:

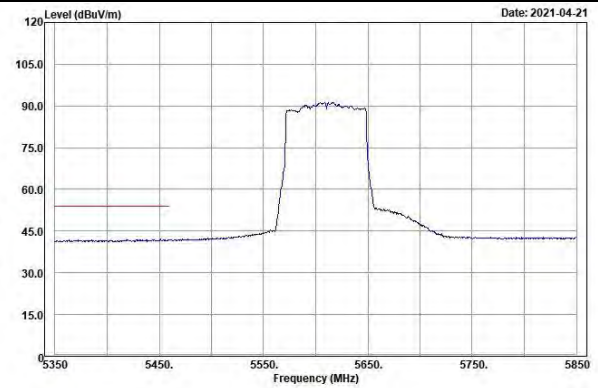
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5610 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 122

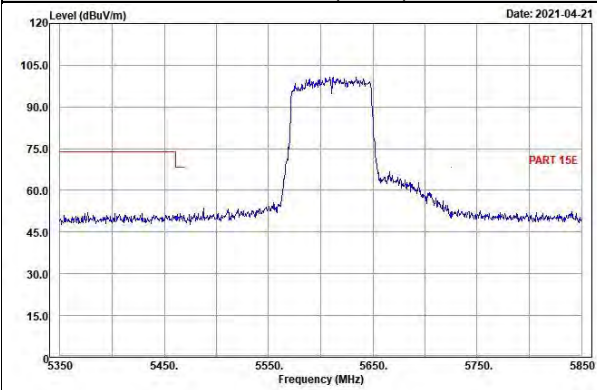
Horizontal (Peak)



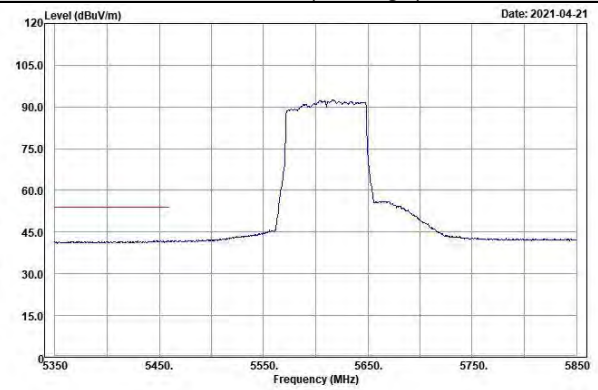
Horizontal (Average)



Vertical (Peak)

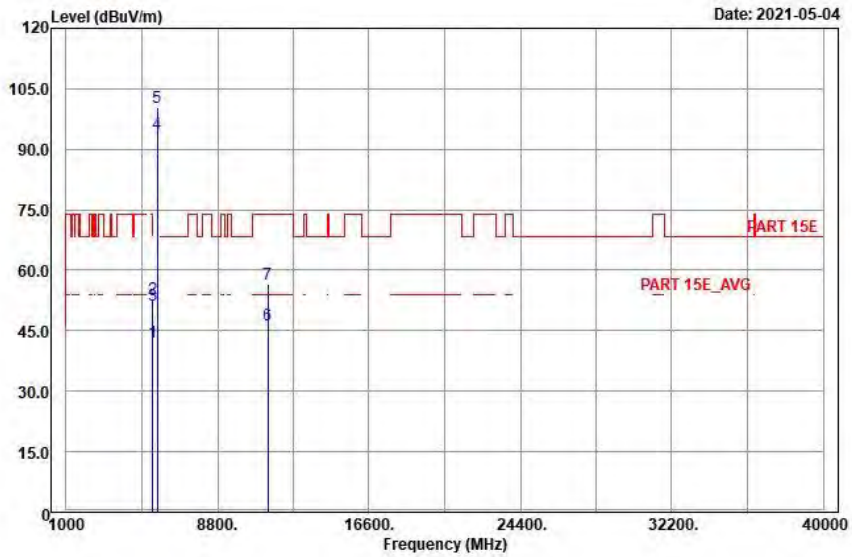


Vertical (Average)

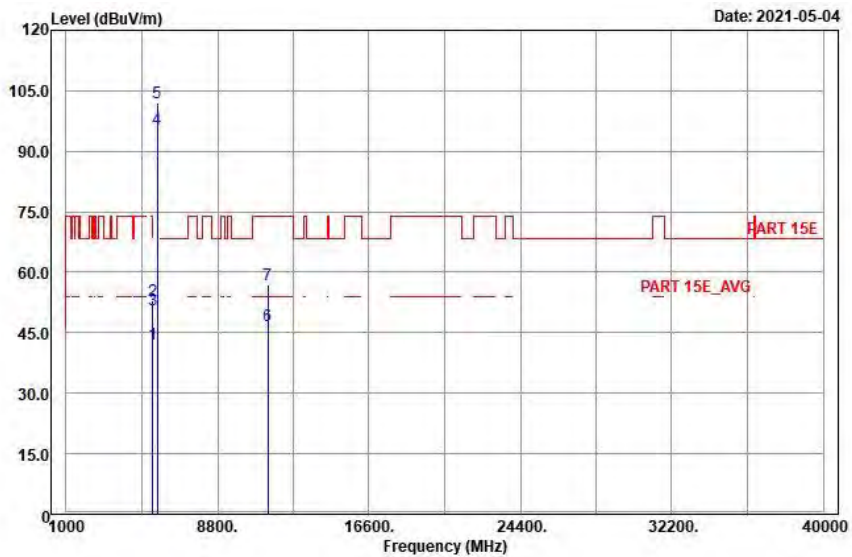


EUT Test Condition		Measurement Detail	
Channel	Channel 138	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	42.05	31.54	10.51	54	-11.95	176	130	Average
5460	52.82	42.31	10.51	74	-21.18	176	130	Peak
*5470	51.17	40.64	10.53	68.2	-17.03	176	130	Peak
5690	93.84	82.91	10.93			176	130	Average
5690	100.25	89.32	10.93			176	130	Peak
11380	46.34	30.07	16.27	54	-7.66	128	54	Average
11380	56.53	40.26	16.27	74	-17.47	128	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	42.19	31.68	10.51	54	-11.81	198	87	Average
5460	53.06	42.55	10.51	74	-20.94	198	87	Peak
*5470	50.72	40.19	10.53	68.2	-17.48	198	87	Peak
5690	95.53	84.6	10.93			198	87	Average
5690	102.13	91.2	10.93			198	87	Peak
11380	46.72	30.45	16.27	54	-7.28	137	240	Average
11380	56.84	40.57	16.27	74	-17.16	137	240	Peak

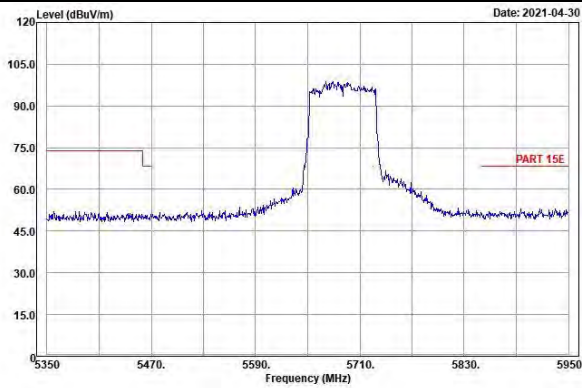
Remarks:

- 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.

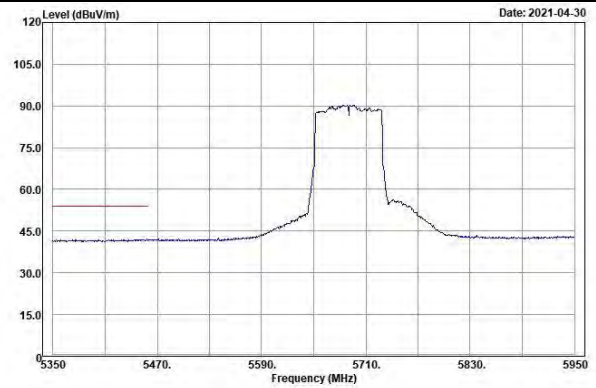


Channel 138

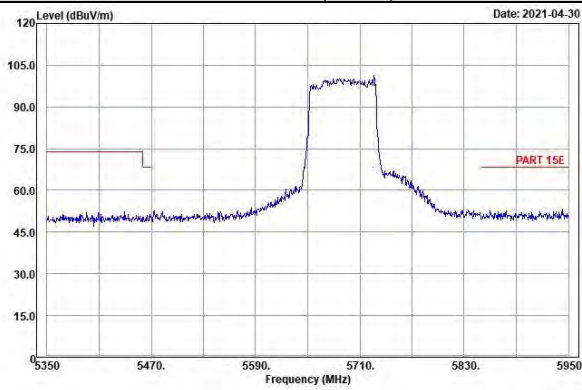
Horizontal (Peak)



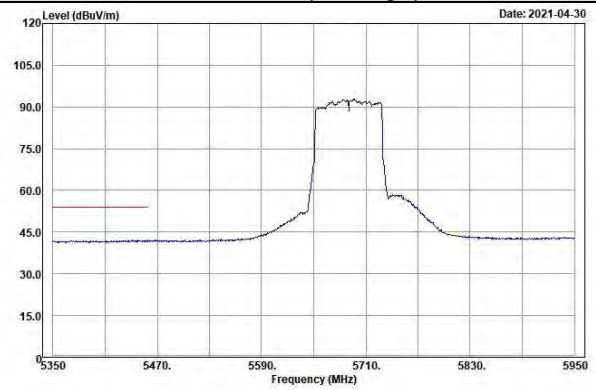
Horizontal (Average)



Vertical (Peak)

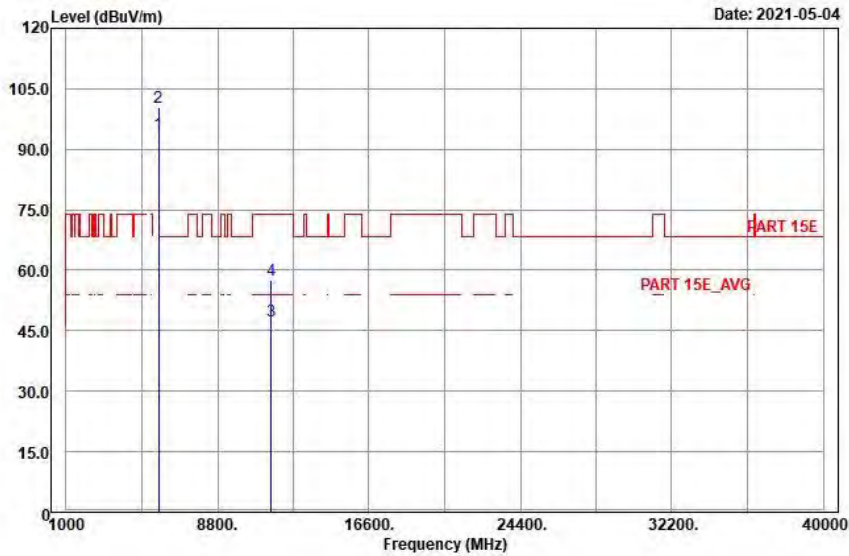


Vertical (Average)

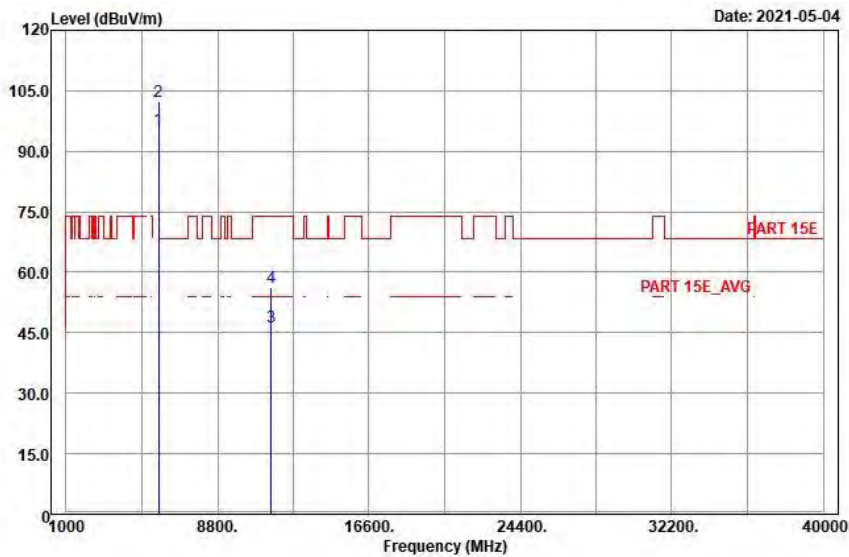


EUT Test Condition		Measurement Detail	
Channel	Channel 155	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

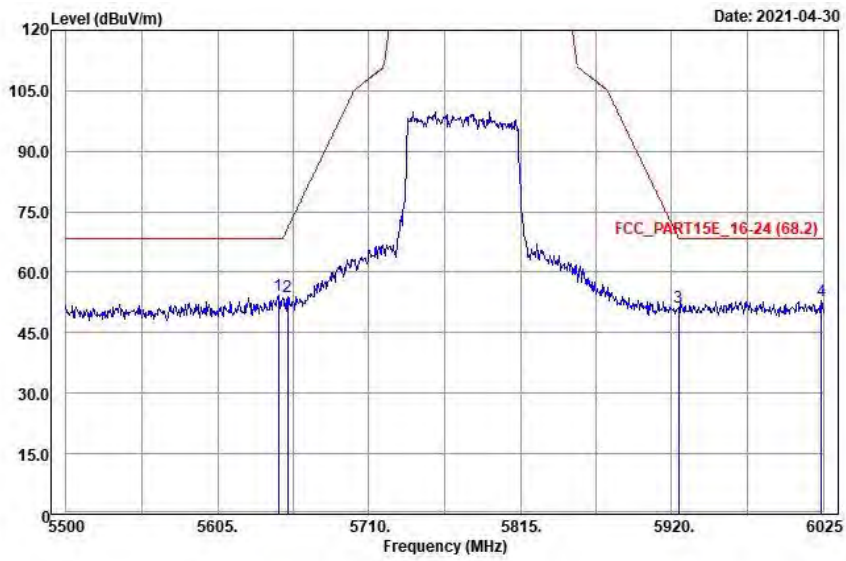
<Spurious Emission>  
Horizontal



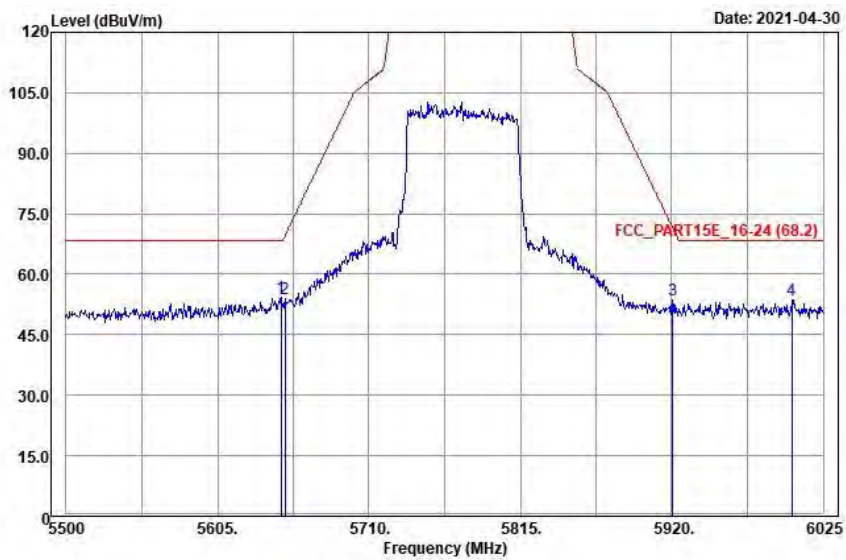
Vertical



<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
5775	93.85	82.98	10.87			176	130	Average
5775	100.26	89.39	10.87			176	130	Peak
11550	47.3	30.8	16.5	54	-6.7	246	229	Average
11550	57.46	40.96	16.5	74	-16.54	246	229	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	95.53	84.66	10.87			198	87	Average
5775	102.44	91.57	10.87			198	87	Peak
11550	46.28	29.78	16.5	54	-7.72	173	25	Average
11550	56.31	39.81	16.5	74	-17.69	173	25	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
*5647	54.13	43.28	10.85	68.2	-14.07	176	130	Peak
5653.825	53.87	43	10.87	71.03	-17.16	176	130	Peak
5924.725	51.32	40.21	11.11	68.4	-17.08	176	130	Peak
*6023.95	52.98	41.61	11.37	68.2	-15.22	176	130	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
*5649.1	54.22	43.37	10.85	68.2	-13.98	198	87	Peak
5651.725	53.94	43.07	10.87	69.48	-15.54	198	87	Peak
5920.525	53.74	42.65	11.09	71.51	-17.77	198	87	Peak
*6003.475	53.57	42.24	11.33	68.2	-14.63	198	87	Peak

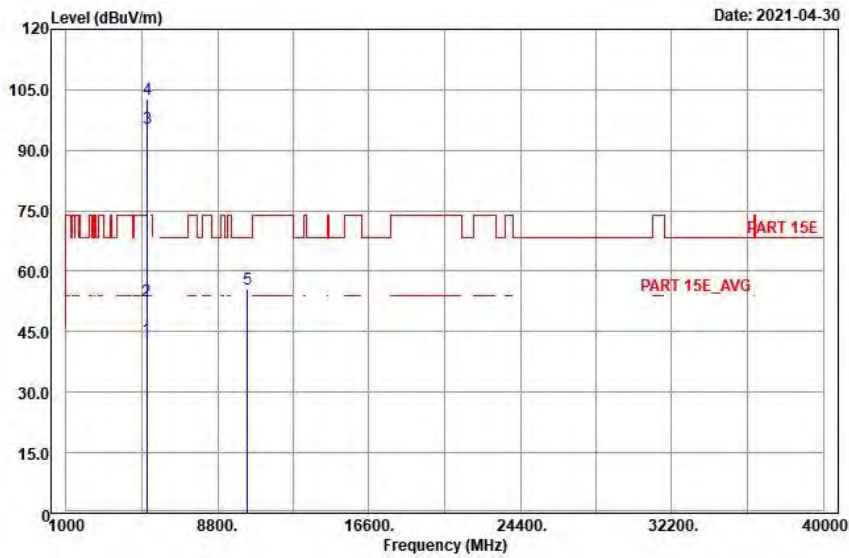
Remarks:

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

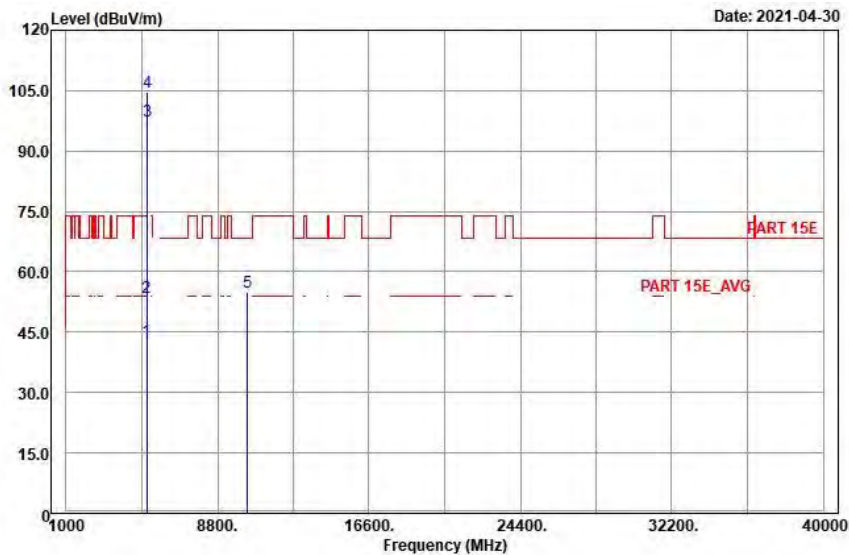
**MIMO**  
**802.11a**

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, Charles Hsiao

**Horizontal**



**Vertical**



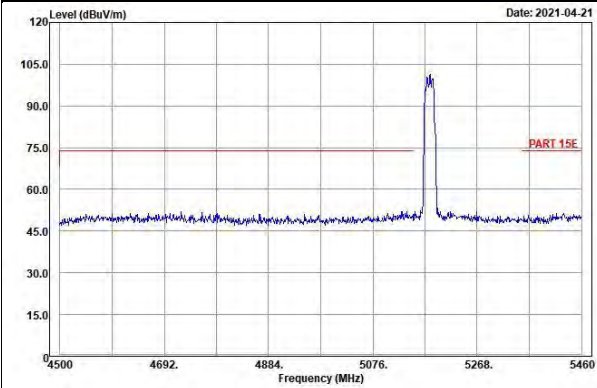
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	43.3	33.25	10.05	54	-10.7	218	144	Average
5150	52.72	42.67	10.05	74	-21.28	218	144	Peak
5180	95.39	85.27	10.12			218	144	Average
5180	102.78	92.66	10.12			218	144	Peak
*10360	55.51	39.49	16.02	68.2	-12.69	112	84	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	42.92	32.87	10.05	54	-11.08	205	86	Average
5150	53.51	43.46	10.05	74	-20.49	205	86	Peak
5180	97.48	87.36	10.12			205	86	Average
5180	104.75	94.63	10.12			205	86	Peak
*10360	54.94	38.92	16.02	68.2	-13.26	128	189	Peak

Remarks:

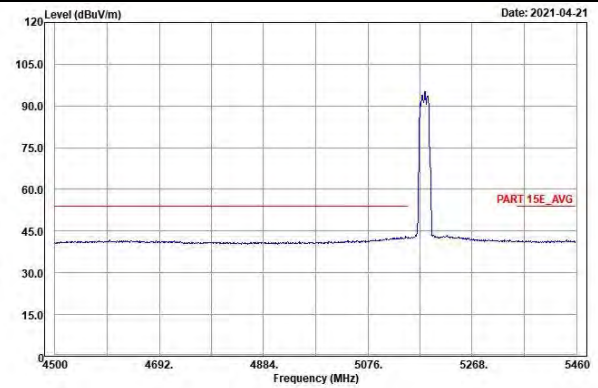
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5180 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 36

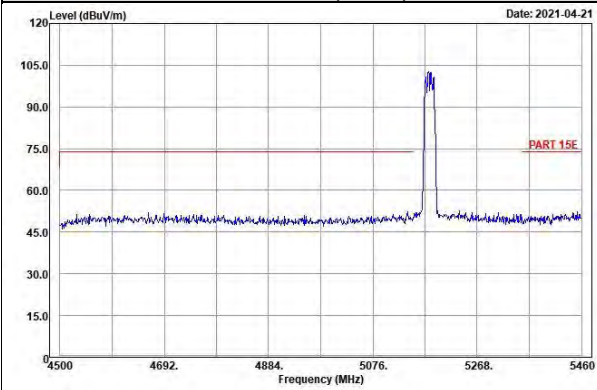
Horizontal (Peak)



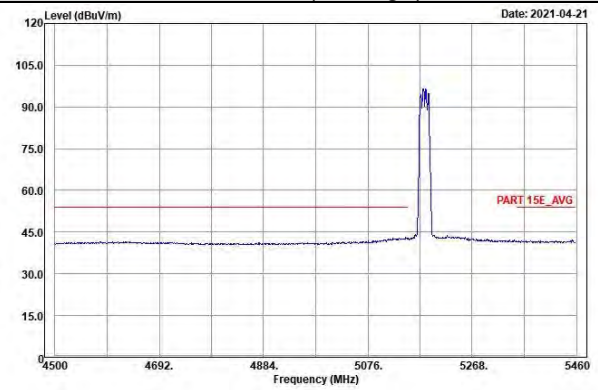
Horizontal (Average)



Vertical (Peak)

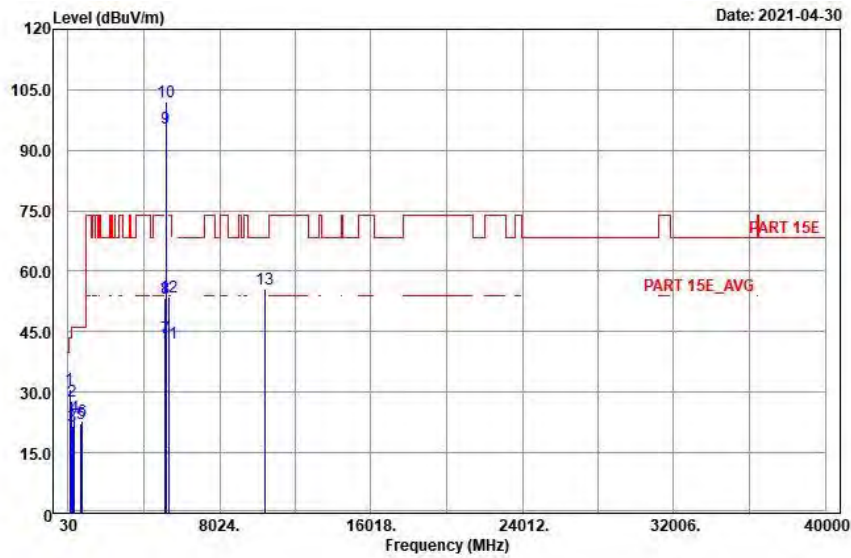


Vertical (Average)

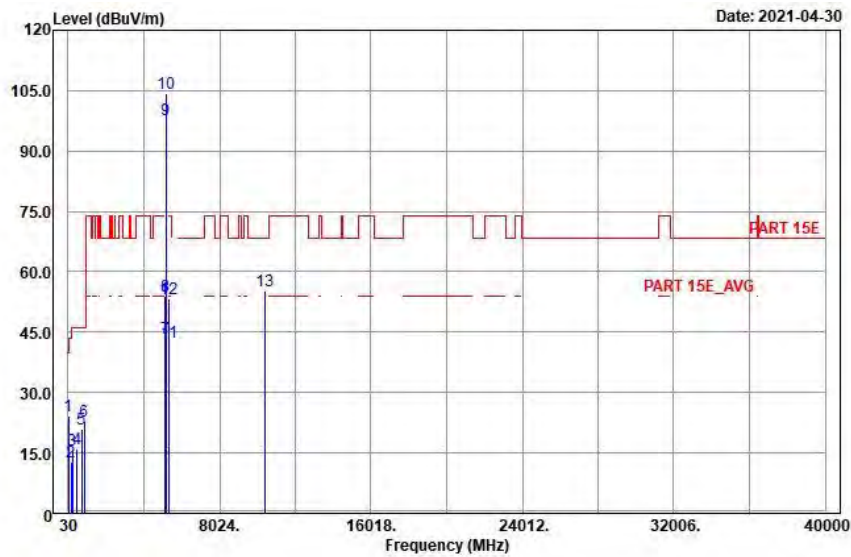


EUT Test Condition		Measurement Detail	
Channel	Channel 40	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Above 1GHz: Peak (PK) Average (AV) Below 1GHz: Quasi-Peak(QP)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical





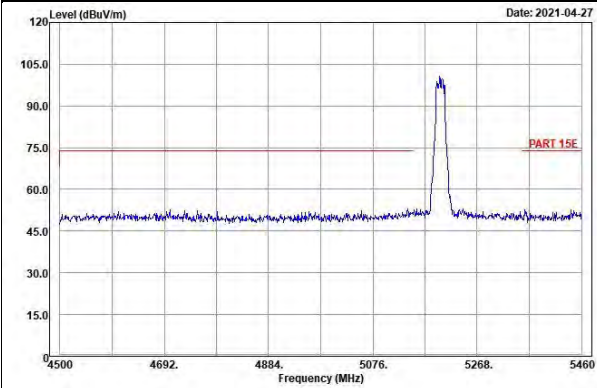
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
118.29	30.66	49.63	-18.97	43.5	-12.84	159	247	QP
214.41	27.85	45.87	-18.02	43.5	-15.65	105	241	QP
254.37	21.59	38.37	-16.78	46	-24.41	159	325	QP
349.7	24	38.72	-14.72	46	-22	105	27	QP
710.2	22.35	31.42	-9.07	46	-23.65	177	148	QP
769.7	22.97	31.23	-8.26	46	-23.03	124	240	QP
5150	43.65	33.6	10.05	54	-10.35	218	144	Average
5150	53.37	43.32	10.05	74	-20.63	218	144	Peak
5200	95.52	85.36	10.16			218	144	Average
5200	102.17	92.01	10.16			218	144	Peak
5350	42.21	31.98	10.23	54	-11.79	218	144	Average
5350	53.5	43.27	10.23	74	-20.5	218	144	Peak
*10400	55.65	39.47	16.18	68.2	-12.55	206	122	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
50.52	24.29	39.45	-15.16	40	-15.71	154	255	QP
184.17	12.73	31.97	-19.24	43.5	-30.77	191	101	QP
247.35	15.64	32.53	-16.89	46	-30.36	164	186	QP
512.8	16.15	28.32	-12.17	46	-29.85	105	278	QP
736.1	20.92	29.54	-8.62	46	-25.08	125	195	QP
882.4	22.8	28.98	-6.18	46	-23.2	122	154	QP
5150	43.47	33.42	10.05	54	-10.53	205	86	Average
5150	54	43.95	10.05	74	-20	205	86	Peak
5200	97.64	87.48	10.16			205	86	Average
5200	104.18	94.02	10.16			205	86	Peak
5350	42.61	32.38	10.23	54	-11.39	205	86	Average
5350	53.42	43.19	10.23	74	-20.58	205	86	Peak
*10400	55.24	39.06	16.18	68.2	-12.96	194	161	Peak

Remarks:

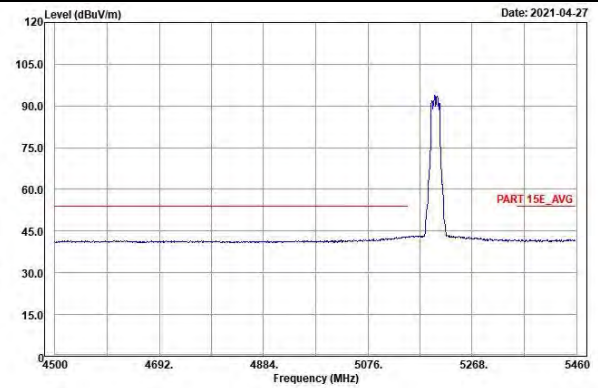
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5200 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 40

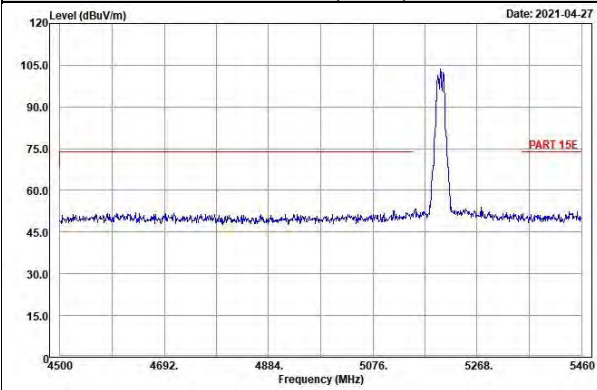
Horizontal (Peak)



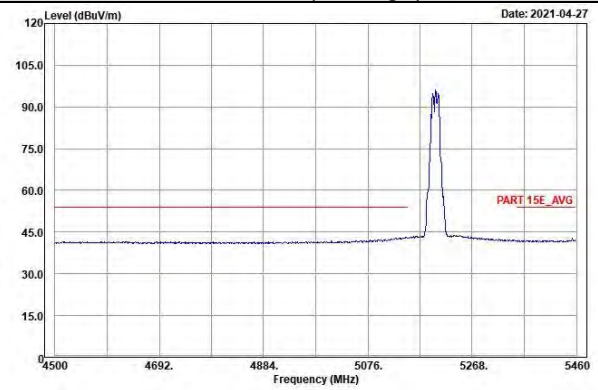
Horizontal (Average)



Vertical (Peak)

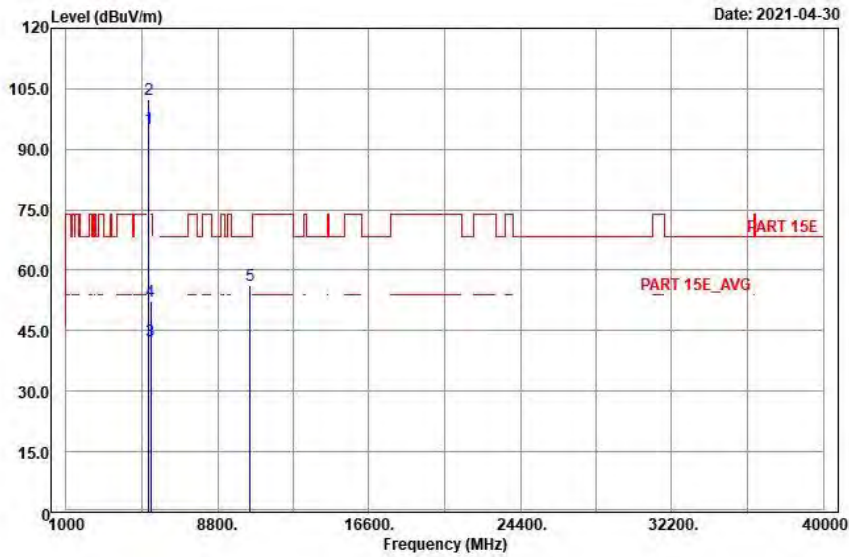


Vertical (Average)

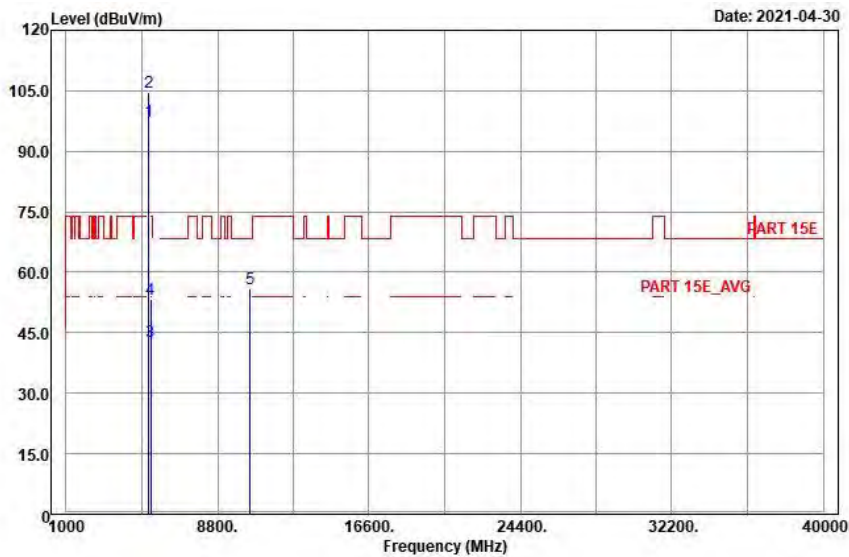


EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



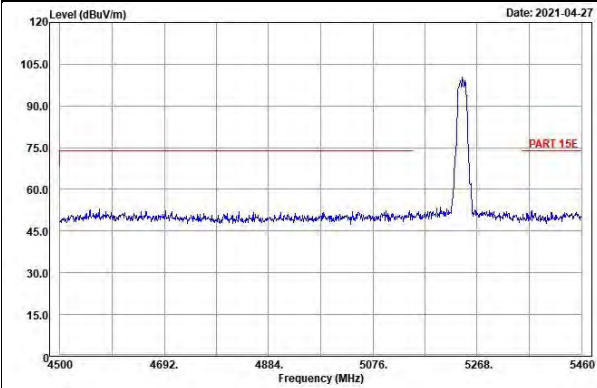
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5240	95.26	85.12	10.14			218	144	Average
5240	102.36	92.22	10.14			218	144	Peak
5350	42.37	32.14	10.23	54	-11.63	218	144	Average
5350	52.41	42.18	10.23	74	-21.59	218	144	Peak
*10480	56.16	40.26	15.9	68.2	-12.04	125	63	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	97.53	87.39	10.14			205	86	Average
5240	104.64	94.5	10.14			205	86	Peak
5350	42.99	32.76	10.23	54	-11.01	205	86	Average
5350	53.16	42.93	10.23	74	-20.84	205	86	Peak
*10480	55.84	39.94	15.9	68.2	-12.36	264	118	Peak

Remarks:

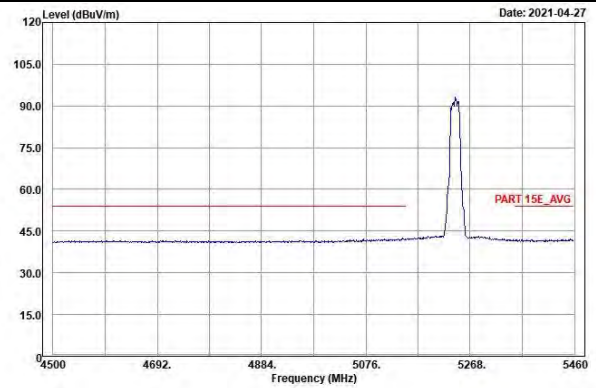
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5240 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

### Channel 48

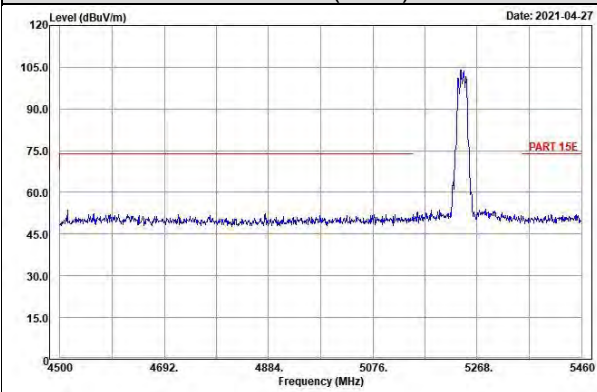
#### Horizontal (Peak)



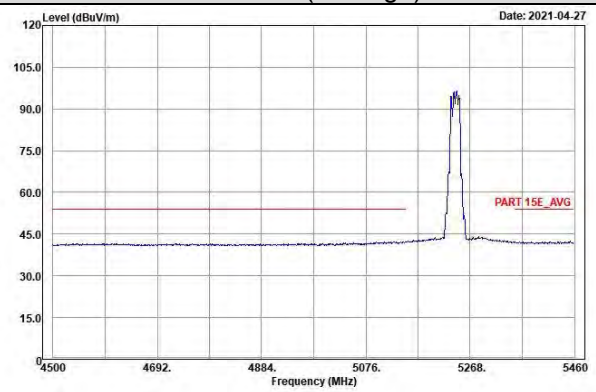
#### Horizontal (Average)



#### Vertical (Peak)

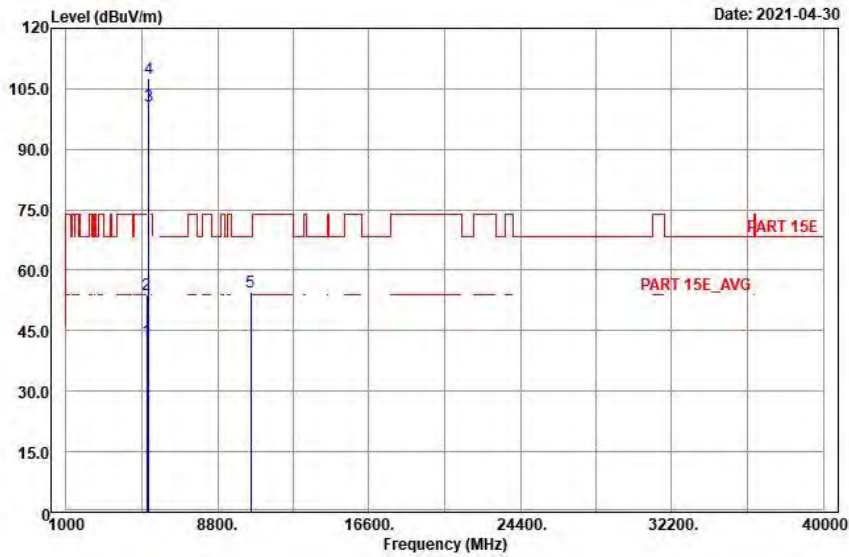


#### Vertical (Average)

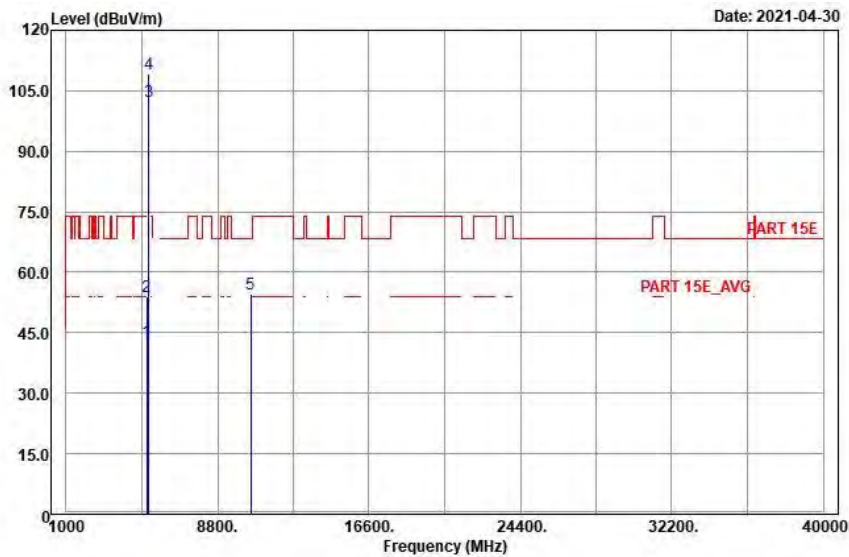


EUT Test Condition		Measurement Detail	
Channel	Channel 52	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



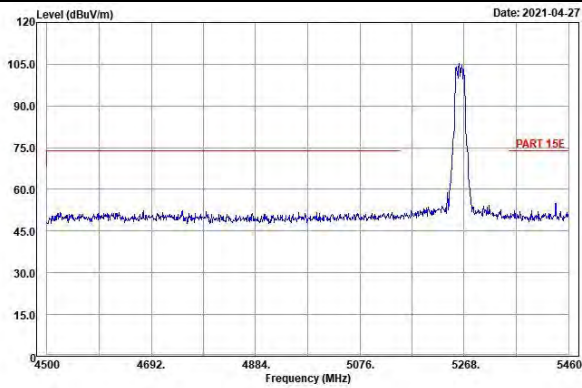
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.36	32.31	10.05	54	-11.64	218	144	Average
5150	54	43.95	10.05	74	-20	218	144	Peak
5260	100.85	90.73	10.12			218	144	Average
5260	107.62	97.5	10.12			218	144	Peak
*10520	54.46	38.58	15.88	68.2	-13.74	126	309	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	42.68	32.63	10.05	54	-11.32	205	86	Average
5150	53.99	43.94	10.05	74	-20.01	205	86	Peak
5260	102.19	92.07	10.12			205	86	Average
5260	109.36	99.24	10.12			205	86	Peak
*10520	54.65	38.77	15.88	68.2	-13.55	182	44	Peak

Remarks:

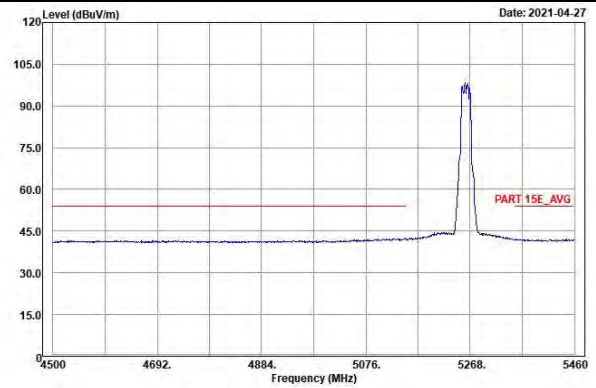
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5260 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 52

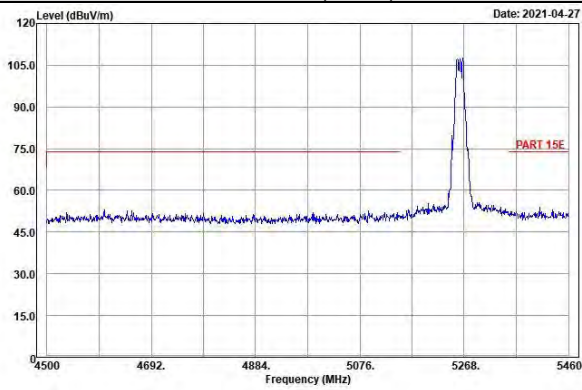
Horizontal (Peak)



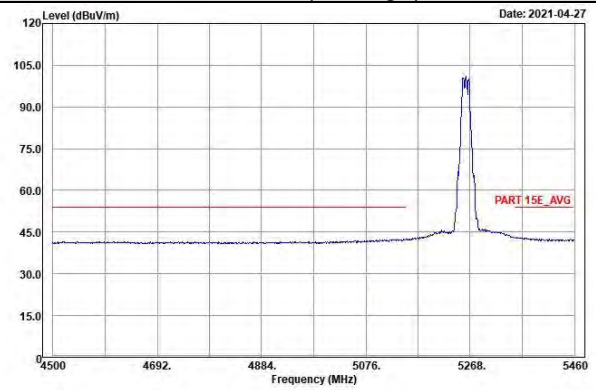
Horizontal (Average)



Vertical (Peak)



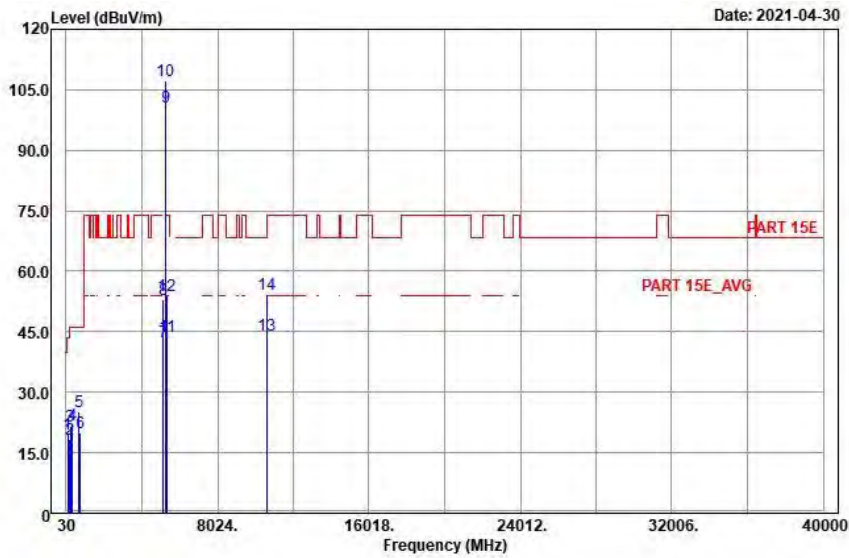
Vertical (Average)



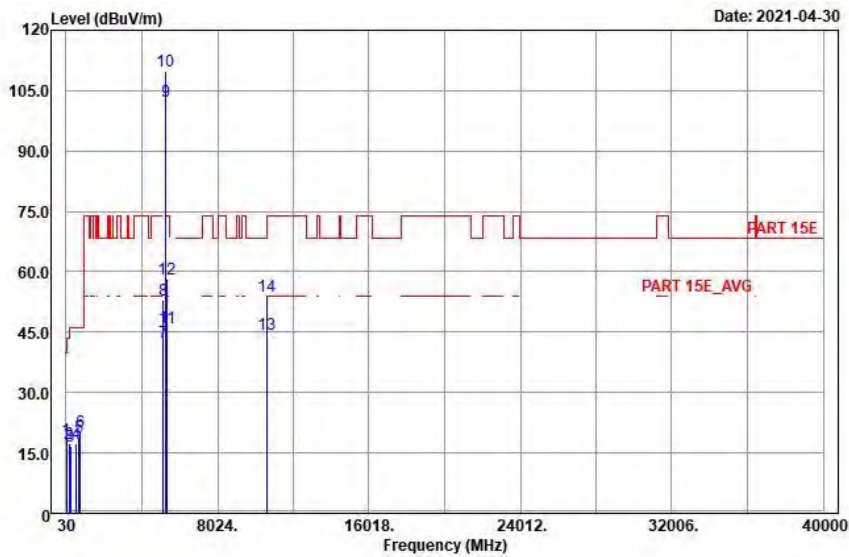


EUT Test Condition		Measurement Detail	
Channel	Channel 60	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Above 1GHz: Peak (PK) Average (AV) Below 1GHz: Quasi-Peak(QP)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



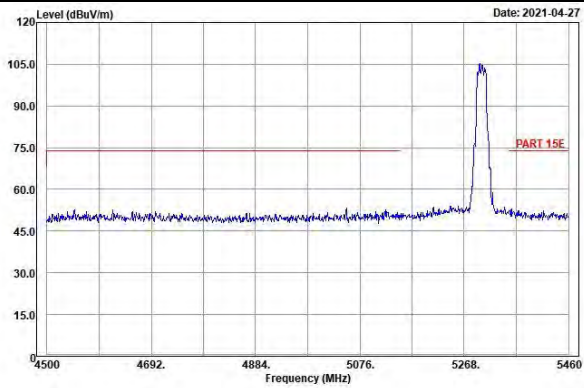
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
111.27	19.57	37.35	-17.78	43.5	-23.93	111	274	QP
214.14	18.25	36.27	-18.02	43.5	-25.25	105	162	QP
254.64	21.74	38.48	-16.74	46	-24.26	164	188	QP
353.2	21.9	36.58	-14.68	46	-24.1	188	195	QP
724.9	25.21	33.93	-8.72	46	-20.79	105	241	QP
768.3	19.9	28.16	-8.26	46	-26.1	186	166	QP
5150	42.35	32.3	10.05	54	-11.65	218	144	Average
5150	53.03	42.98	10.05	74	-20.97	218	144	Peak
5300	100.62	90.56	10.06			218	144	Average
5300	107.09	97.03	10.06			218	144	Peak
5350	43.68	33.45	10.23	54	-10.32	218	144	Average
5350	54.01	43.78	10.23	74	-19.99	218	144	Peak
10600	44.14	28.38	15.76	54	-9.86	216	72	Average
10600	54.23	38.47	15.76	74	-19.77	216	72	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
55.11	18.4	33.89	-15.49	40	-21.6	155	187	QP
183.09	17.4	36.74	-19.34	43.5	-26.1	105	100	QP
262.74	16.6	33.24	-16.64	46	-29.4	177	164	QP
554.8	17.17	28.66	-11.49	46	-28.83	188	15	QP
706	19.06	28.19	-9.13	46	-26.94	155	241	QP
792.1	20.37	28.17	-7.8	46	-25.63	131	206	QP
5150	42.57	32.52	10.05	54	-11.43	205	86	Average
5150	53.08	43.03	10.05	74	-20.92	205	86	Peak
5300	102.47	92.41	10.06			205	86	Average
5300	109.96	99.9	10.06			205	86	Peak
5350	46.2	35.97	10.23	54	-7.8	205	86	Average
5350	58.2	47.97	10.23	74	-15.8	205	86	Peak
10600	44.37	28.61	15.76	54	-9.63	136	249	Average
10600	54.09	38.33	15.76	74	-19.91	136	249	Peak

Remarks:

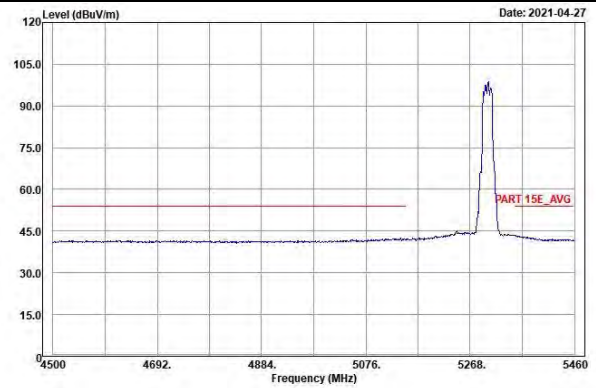
1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5300 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 60

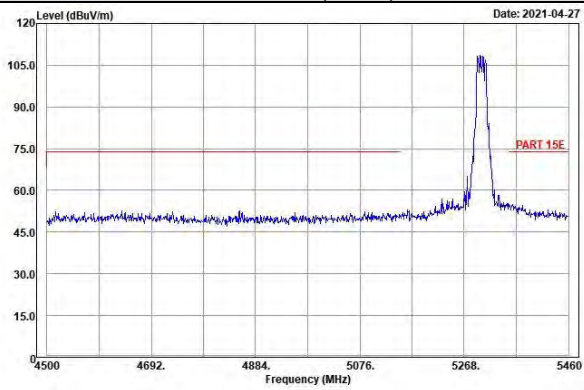
Horizontal (Peak)



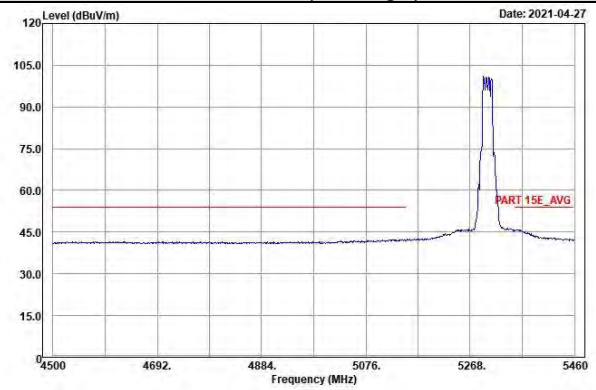
Horizontal (Average)



Vertical (Peak)

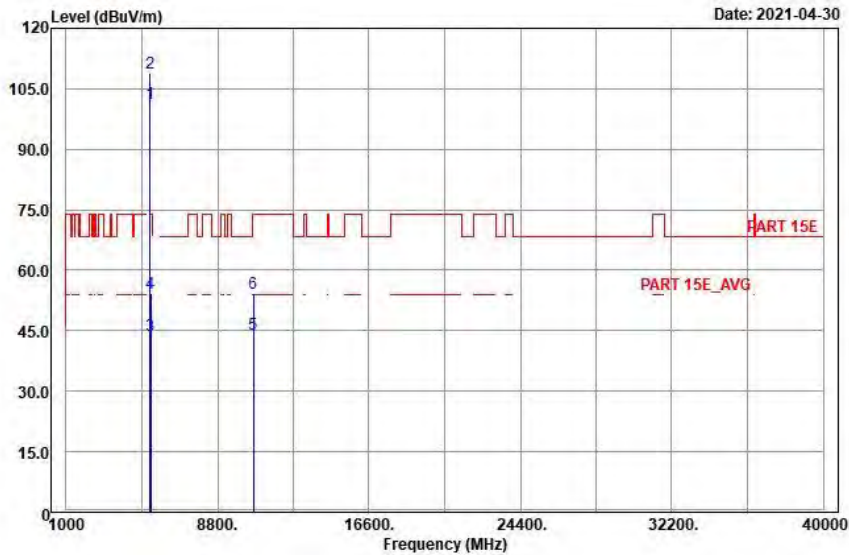


Vertical (Average)

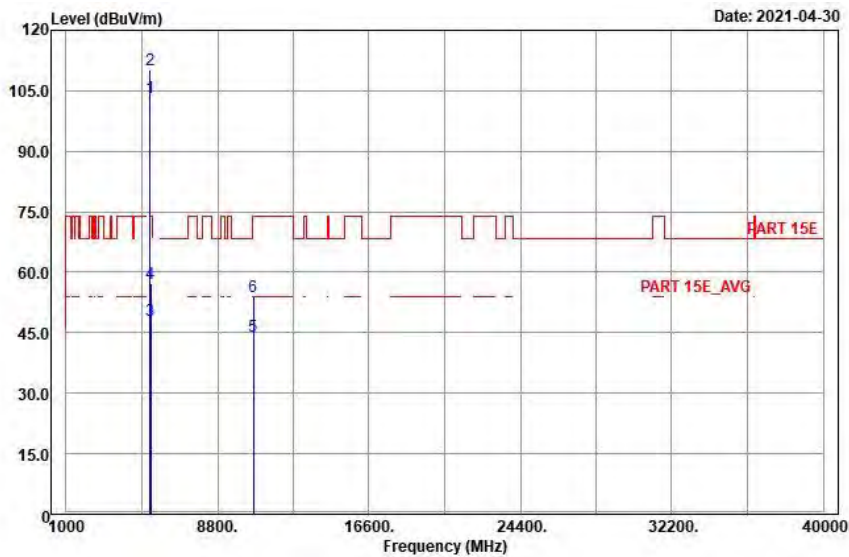


EUT Test Condition		Measurement Detail	
Channel	Channel 64	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



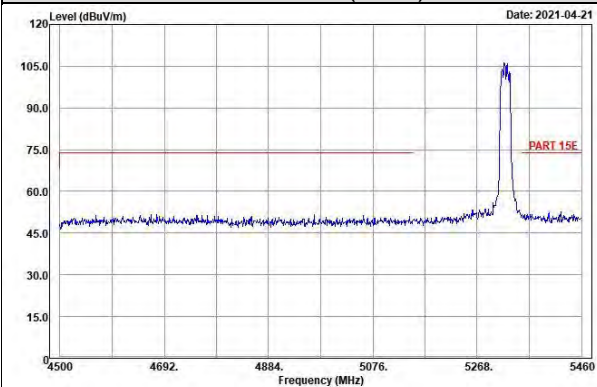
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5320	101.43	91.34	10.09			218	144	Average
5320	108.77	98.68	10.09			218	144	Peak
5350	43.8	33.57	10.23	54	-10.2	218	144	Average
5350	54.17	43.94	10.23	74	-19.83	218	144	Peak
10640	44.23	28.24	15.99	54	-9.77	142	243	Average
10640	54.32	38.33	15.99	74	-19.68	142	243	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	103.41	93.32	10.09			205	86	Average
5320	110.09	100	10.09			205	86	Peak
5350	48.09	37.86	10.23	54	-5.91	210	87	Average
5350	57.24	47.01	10.23	74	-16.76	210	87	Peak
10640	44.03	28.04	15.99	54	-9.97	105	317	Average
10640	53.98	37.99	15.99	74	-20.02	105	317	Peak

Remarks:

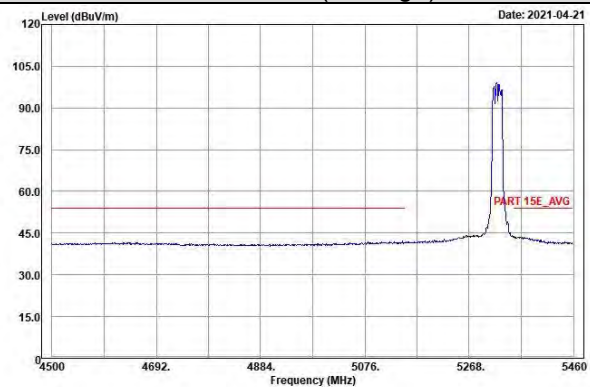
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5320 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 64

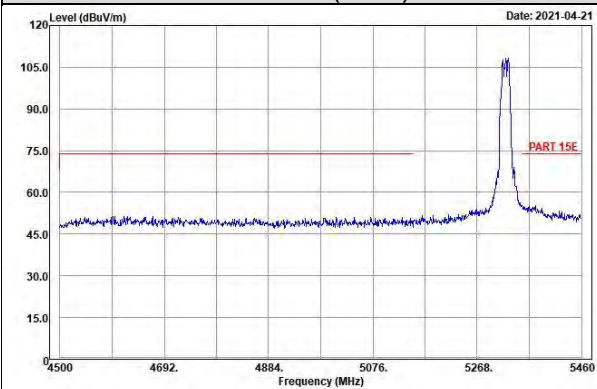
Horizontal (Peak)



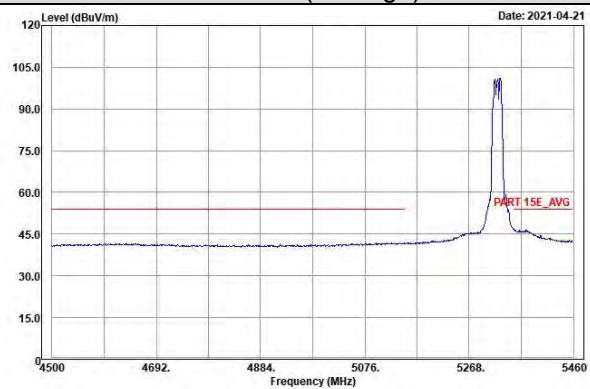
Horizontal (Average)



Vertical (Peak)

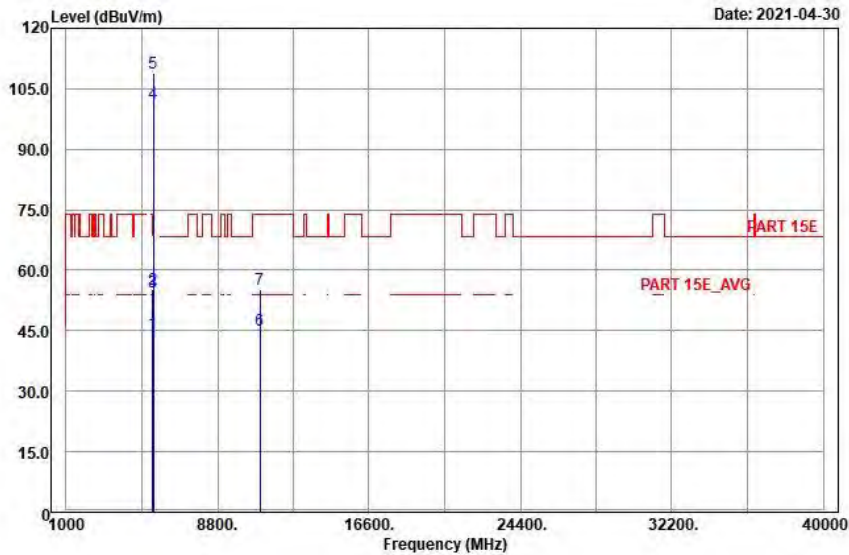


Vertical (Average)

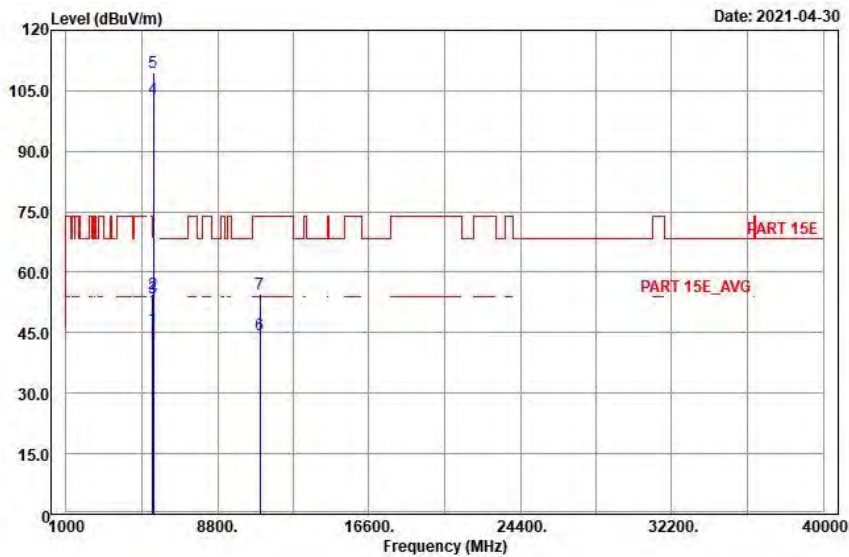


EUT Test Condition		Measurement Detail	
Channel	Channel 100	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	44.52	34.01	10.51	54	-9.48	218	116	Average
5460	55.3	44.79	10.51	74	-18.7	218	116	Peak
*5470	54.52	43.99	10.53	68.2	-13.68	218	116	Peak
5500	101.28	90.68	10.6			218	116	Average
5500	108.74	98.14	10.6			218	116	Peak
11000	44.96	28.83	16.13	54	-9.04	235	210	Average
11000	55.12	38.99	16.13	74	-18.88	235	210	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	45.99	35.48	10.51	54	-8.01	205	92	Average
5460	54.64	44.13	10.51	74	-19.36	205	92	Peak
*5470	53.6	43.07	10.53	68.2	-14.6	205	92	Peak
5500	102.88	92.28	10.6			205	92	Average
5500	109.44	98.84	10.6			205	92	Peak
11000	44.31	28.18	16.13	54	-9.69	179	226	Average
11000	54.45	38.32	16.13	74	-19.55	179	226	Peak

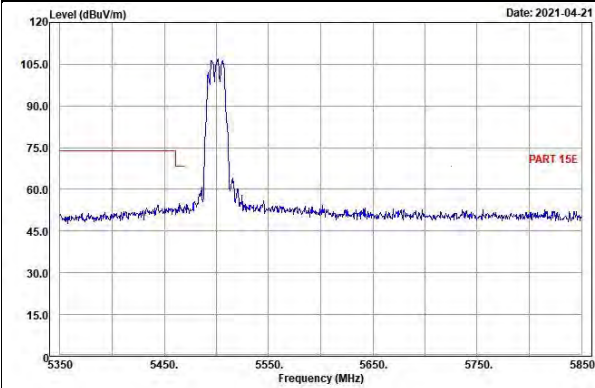
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 5500 MHz: Fundamental Frequency
3. \*: Out of Restricted Band
4. The other emission levels were very low against the limit.

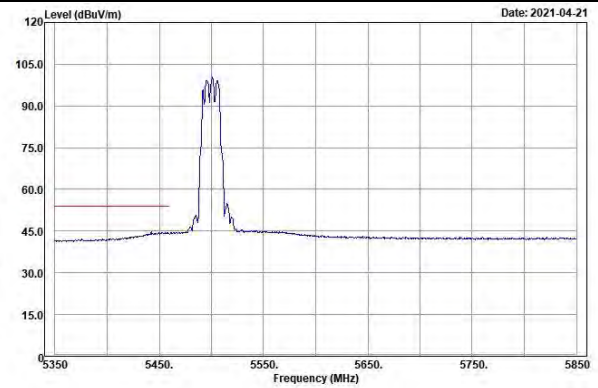


Channel 100

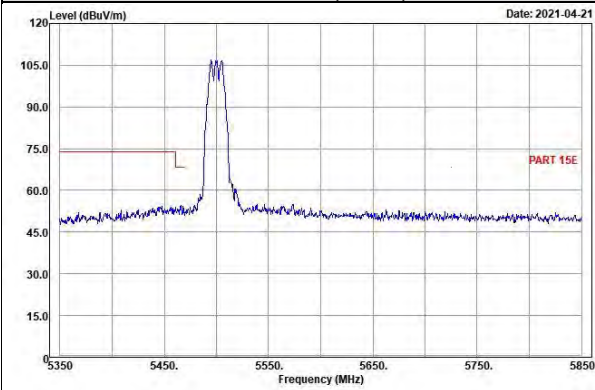
Horizontal (Peak)



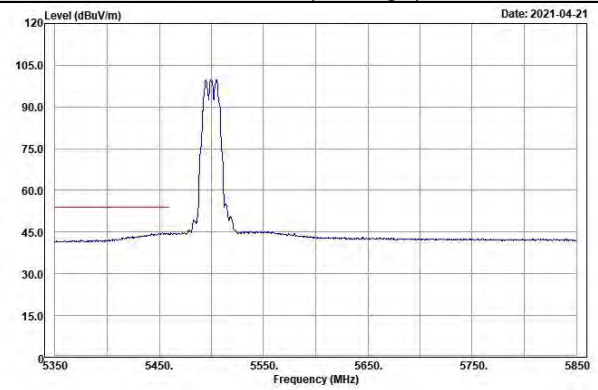
Horizontal (Average)



Vertical (Peak)

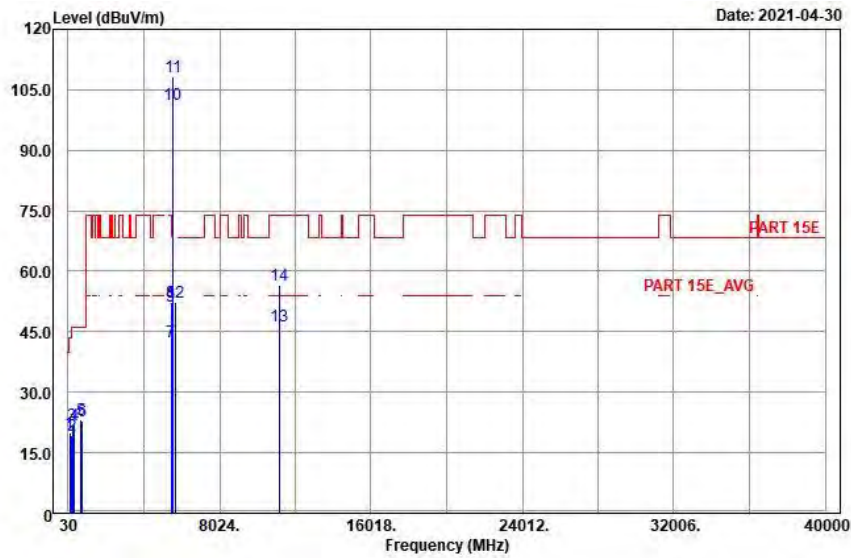


Vertical (Average)

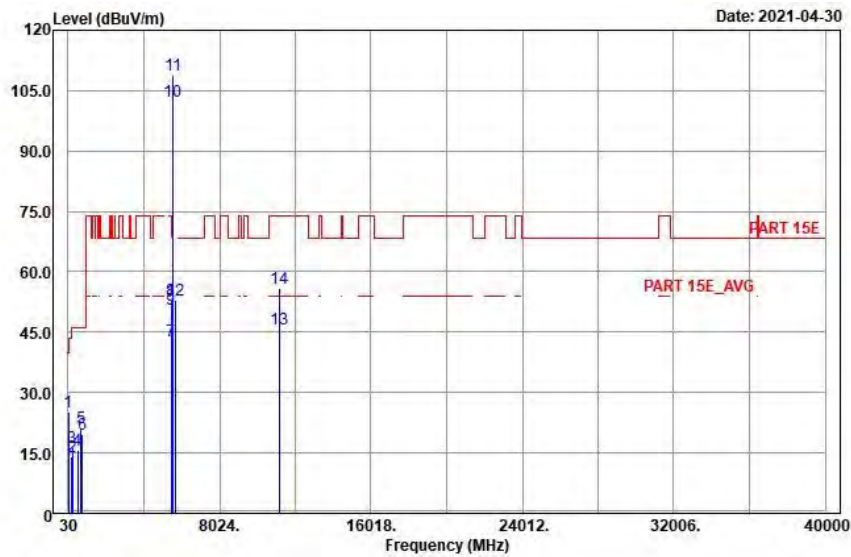


EUT Test Condition		Measurement Detail	
Channel	Channel 116	Frequency Range	30 MHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Above 1GHz: Peak (PK) Average (AV) Below 1GHz: Quasi-Peak(QP)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical



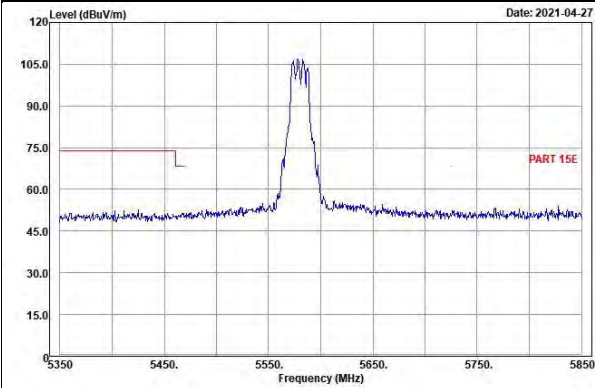
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
109.92	19.88	37.43	-17.55	43.5	-23.62	177	154	QP
212.79	19.43	37.5	-18.07	43.5	-24.07	121	212	QP
249.78	21.81	38.64	-16.83	46	-24.19	105	195	QP
346.9	21.91	36.7	-14.79	46	-24.09	188	274	QP
713.7	23.09	32.06	-8.97	46	-22.91	166	132	QP
769.7	22.97	31.23	-8.26	46	-23.03	187	195	QP
5460	42.58	32.07	10.51	54	-11.42	218	116	Average
5460	52.2	41.69	10.51	74	-21.8	218	116	Peak
*5470	51.22	40.69	10.53	68.2	-16.98	218	116	Peak
5580	101.47	90.76	10.71			218	116	Average
5580	108.17	97.46	10.71			218	116	Peak
*5725	52.32	41.4	10.92	68.2	-15.88	218	116	Peak
11160	46.33	29.97	16.36	54	-7.67	163	42	Average
11160	56.57	40.21	16.36	74	-17.43	163	42	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
44.85	25.1	40.52	-15.42	40	-14.9	144	154	QP
215.22	14.16	32.15	-17.99	43.5	-29.34	189	199	QP
260.58	16.48	33.15	-16.67	46	-29.52	105	152	QP
549.2	15.86	27.45	-11.59	46	-30.14	105	85	QP
720	21.14	29.95	-8.81	46	-24.86	102	321	QP
772.5	19.51	27.74	-8.23	46	-26.49	177	165	QP
5460	42.91	32.4	10.51	54	-11.09	205	92	Average
5460	53.05	42.54	10.51	74	-20.95	205	92	Peak
*5470	50.83	40.3	10.53	68.2	-17.37	205	92	Peak
5580	102.34	91.63	10.71			205	92	Average
5580	109.04	98.33	10.71			205	92	Peak
*5725	53.11	42.19	10.92	68.2	-15.09	205	92	Peak
11160	45.84	29.48	16.36	54	-8.16	156	98	Average
11160	56	39.64	16.36	74	-18	156	98	Peak

Remarks:

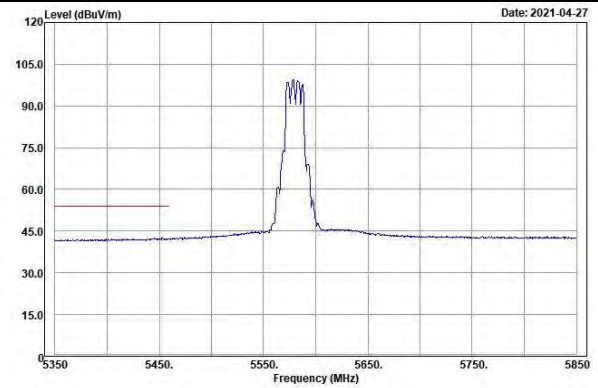
- Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
- 5580 MHz: Fundamental Frequency
- \*: Out of Restricted Band
- The other emission levels were very low against the limit.

Channel 116

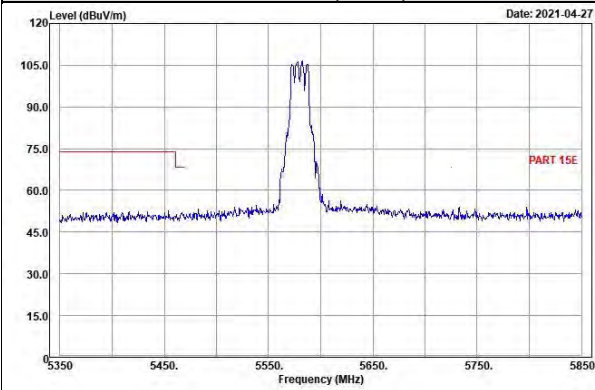
Horizontal (Peak)



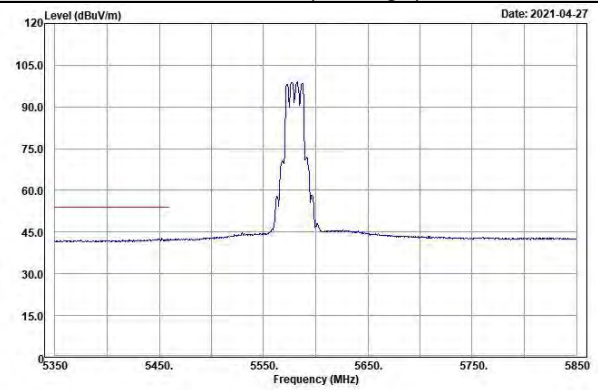
Horizontal (Average)



Vertical (Peak)

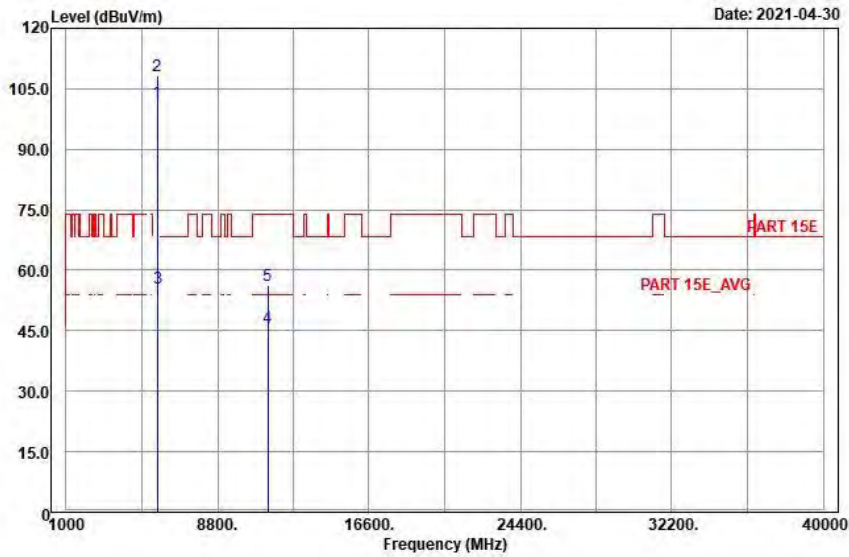


Vertical (Average)

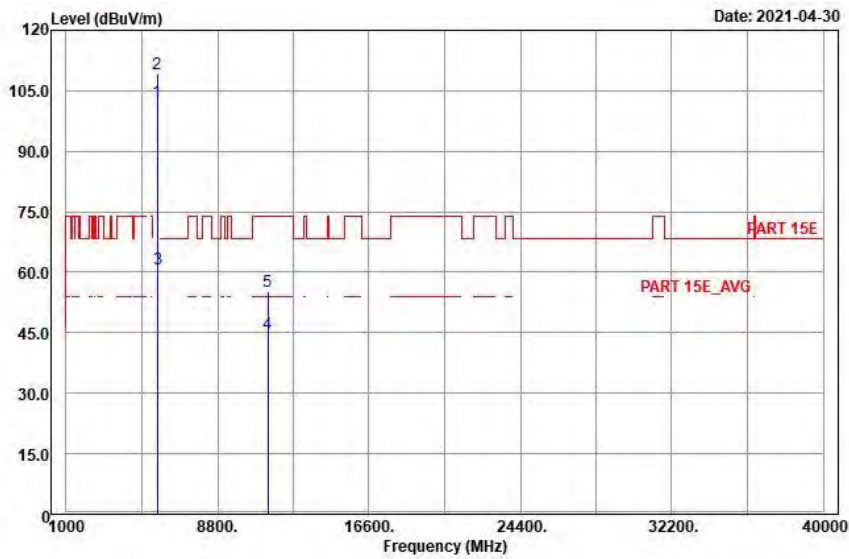


EUT Test Condition		Measurement Detail	
Channel	Channel 140	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### Horizontal



### Vertical

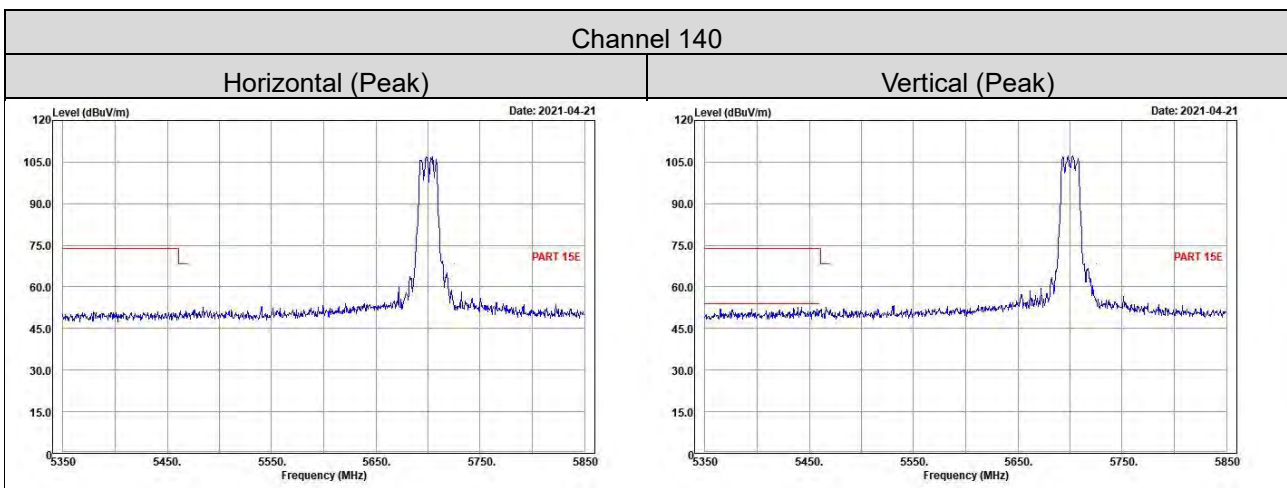


Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5700	101.84	90.89	10.95			218	116	Average
5700	108.32	97.37	10.95			218	116	Peak
*5725	55.73	44.81	10.92	68.2	-12.47	218	116	Peak
11400	45.94	29.75	16.19	54	-8.06	152	284	Average
11400	56.09	39.9	16.19	74	-17.91	152	284	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	102.19	91.24	10.95			205	92	Average
5700	109.23	98.28	10.95			205	92	Peak
*5725	60.88	49.96	10.92	68.2	-7.32	205	92	Peak
11400	44.88	28.69	16.19	54	-9.12	162	249	Average
11400	55.16	38.97	16.19	74	-18.84	162	249	Peak

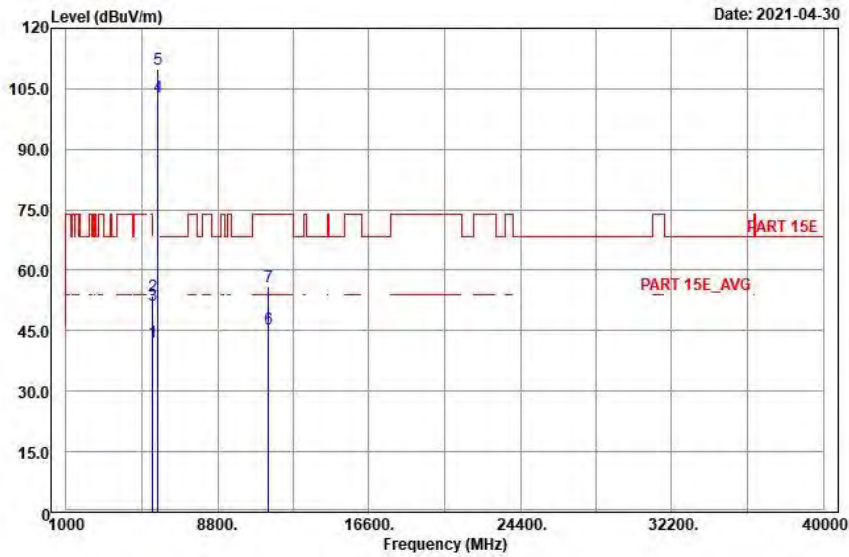
Remarks:

- 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.

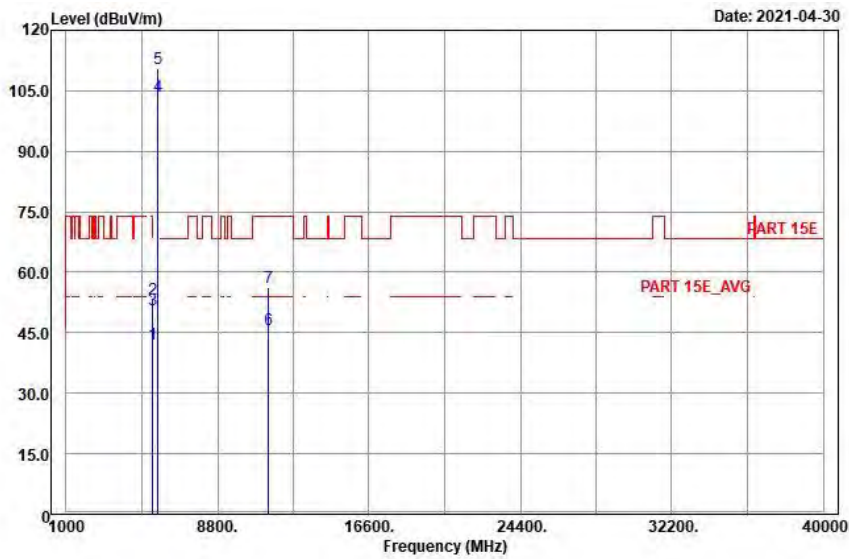


EUT Test Condition		Measurement Detail	
Channel	Channel 144	Frequency Range	1 GHz ~ 40 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Average (AV)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Karl Lee, Charles Hsiao

### 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	42.22	31.71	10.51	54	-11.78	218	116	Average
5460	53.67	43.16	10.51	74	-20.33	218	116	Peak
*5470	51.42	40.89	10.53	68.2	-16.78	218	116	Peak
5720	102.84	91.92	10.92			218	116	Average
5720	109.96	99.04	10.92			218	116	Peak
11440	45.49	29.2	16.29	54	-8.51	136	88	Average
11440	55.81	39.52	16.29	74	-18.19	136	88	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	42.27	31.76	10.51	54	-11.73	205	92	Average
5460	53.16	42.65	10.51	74	-20.84	205	92	Peak
*5470	50.83	40.3	10.53	68.2	-17.37	205	92	Peak
5720	103.69	92.77	10.92			205	92	Average
5720	110.48	99.56	10.92			205	92	Peak
11440	45.88	29.59	16.29	54	-8.12	158	266	Average
11440	56.14	39.85	16.29	74	-17.86	158	266	Peak

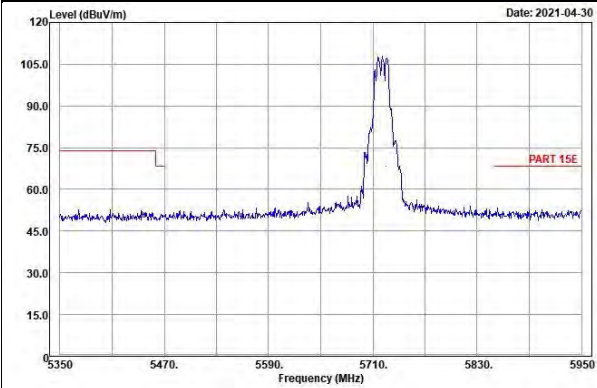
Remarks:

- 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.

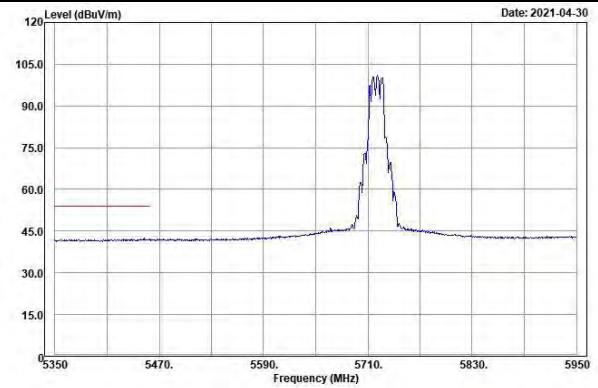


Channel 144

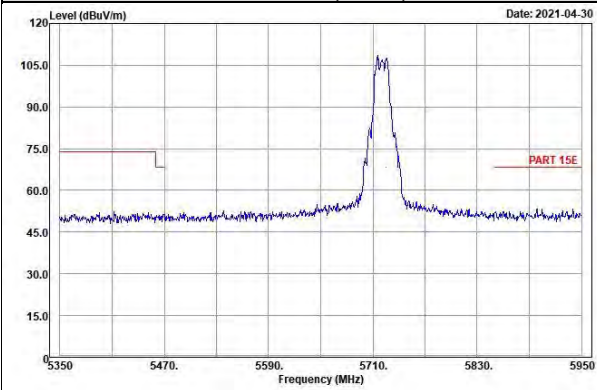
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)



Vertical (Average)

