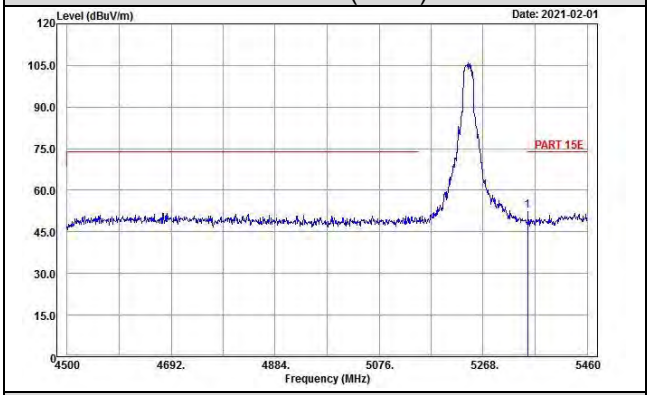
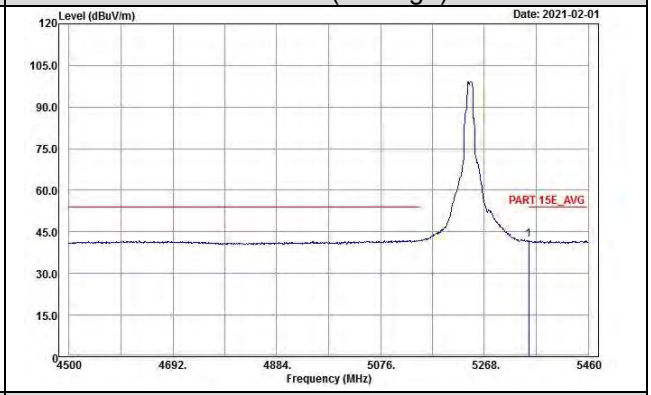
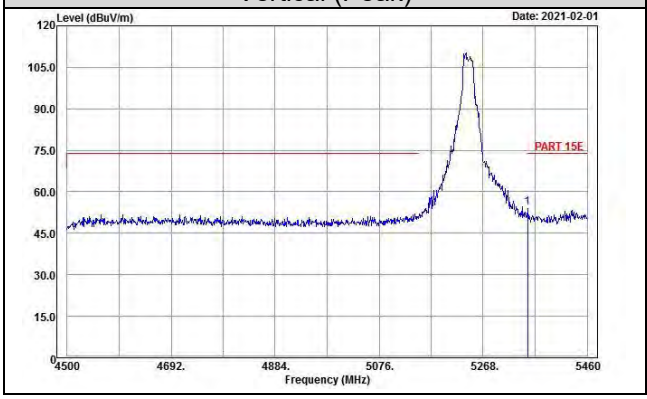
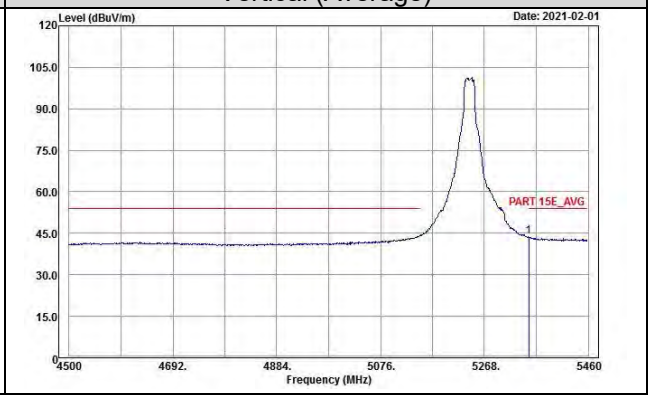
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5240	101.16	91.02	10.14			210	20	Average
5240	108.32	98.18	10.14			210	20	Peak
5350	42.23	32	10.23	54	-11.77	210	20	Average
5350	52.63	42.4	10.23	74	-21.37	210	20	Peak
*10480	55.42	39.52	15.9	68.2	-12.78	174	178	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	108.57	98.43	10.14			211	19	Average
5240	115.54	105.4	10.14			211	19	Peak
5350	43.66	33.43	10.23	54	-10.34	211	19	Average
5350	54.38	44.15	10.23	74	-19.62	211	19	Peak
*10480	56.24	40.34	15.9	68.2	-11.96	205	337	Peak

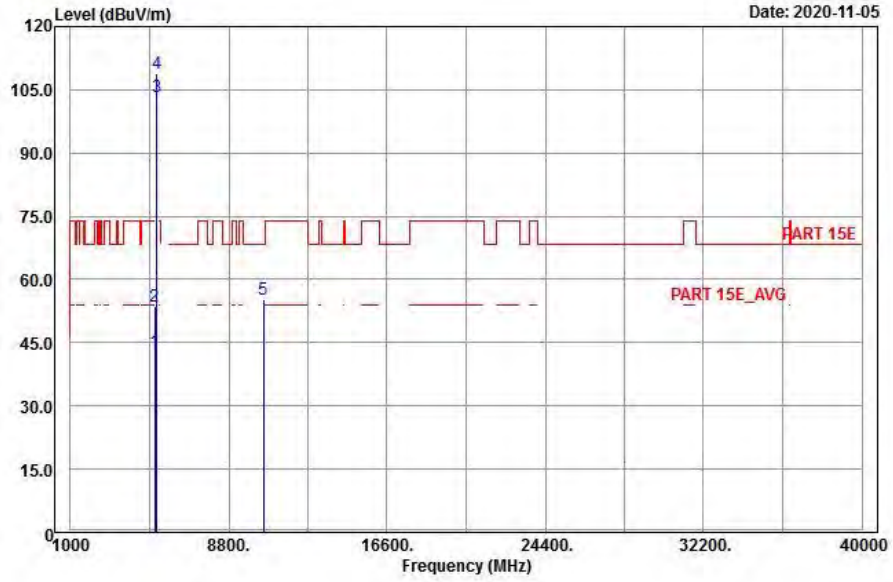
Remarks:

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

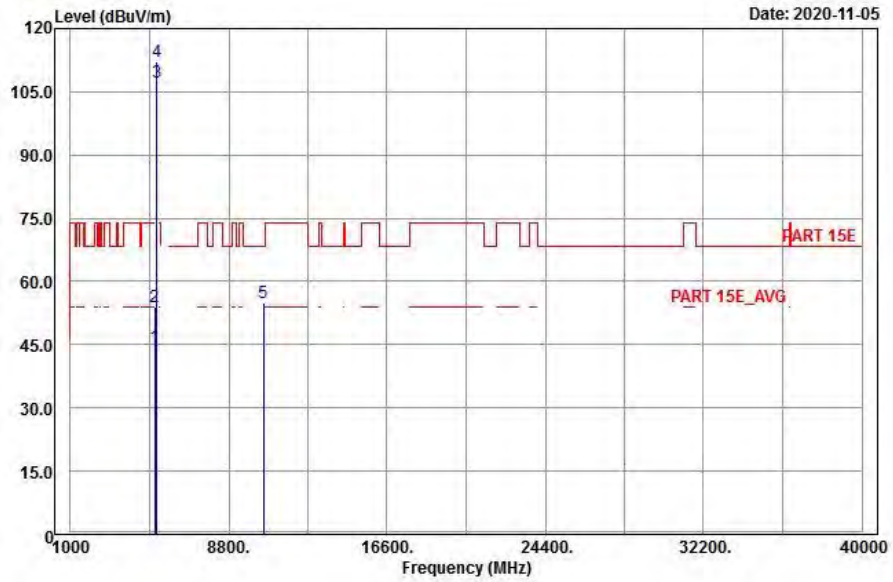
Channel 48	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



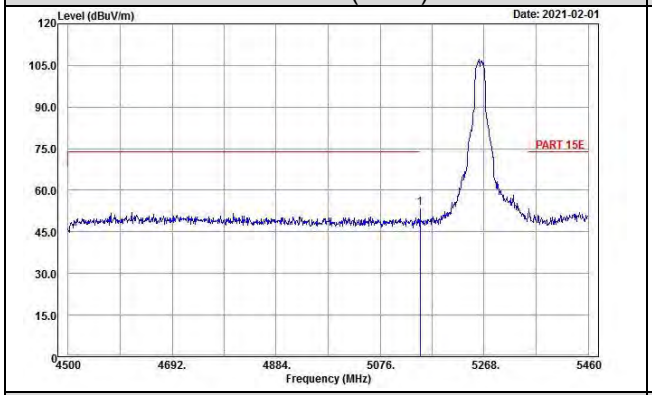
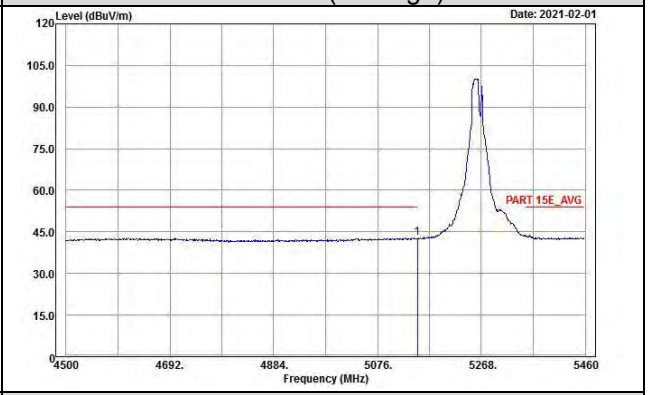
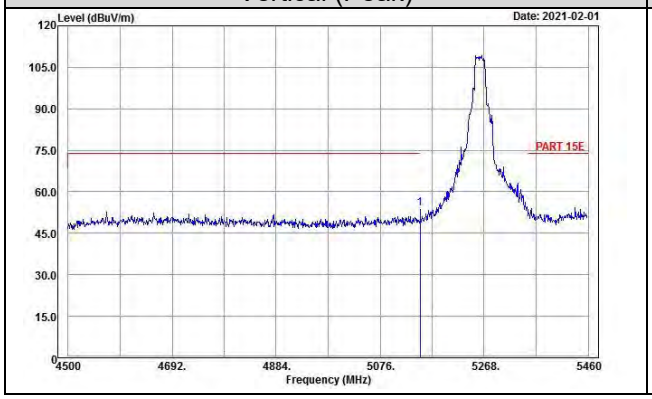
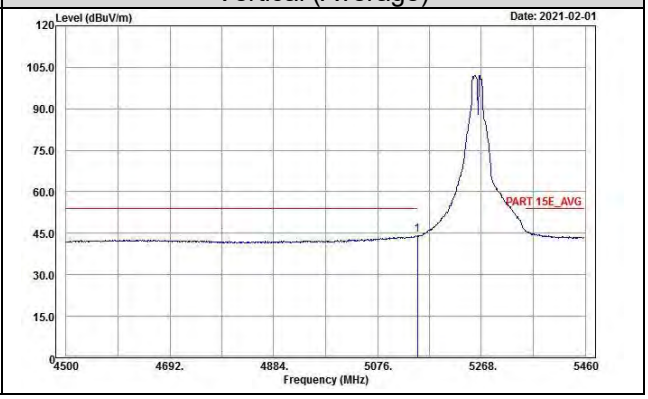
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.97	32.92	10.05	54	-11.03	129	14	Average
5150	53.73	43.68	10.05	74	-20.27	129	14	Peak
5260	103.2	93.08	10.12			129	14	Average
5260	108.92	98.8	10.12			129	14	Peak
*10520	55.31	39.43	15.88	68.2	-12.89	145	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
5150	44.38	34.33	10.05	54	-9.62	210	21	Average
5150	53.96	43.91	10.05	74	-20.04	210	21	Peak
5260	107.12	97	10.12			210	21	Average
5260	112.15	102.03	10.12			210	21	Peak
*10520	54.93	39.05	15.88	68.2	-13.27	159	263	Peak

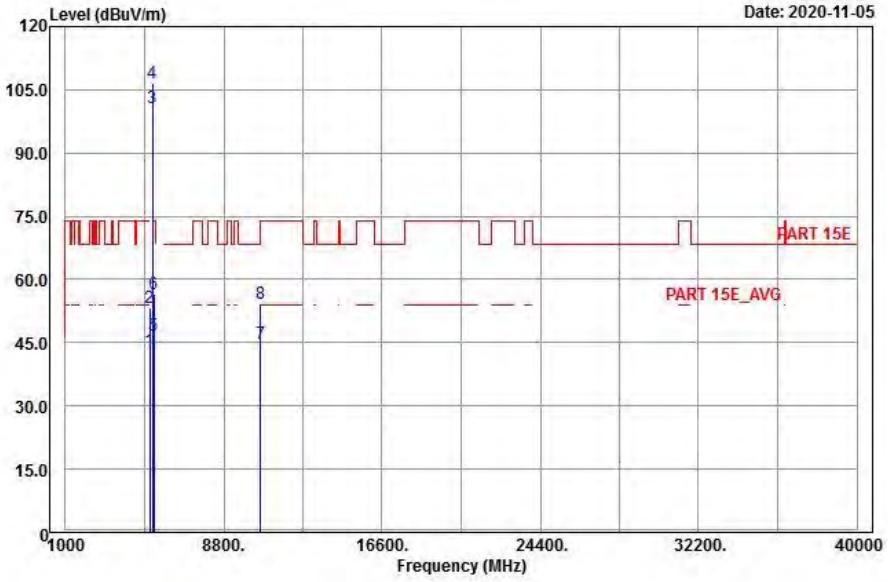
Remarks:

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.

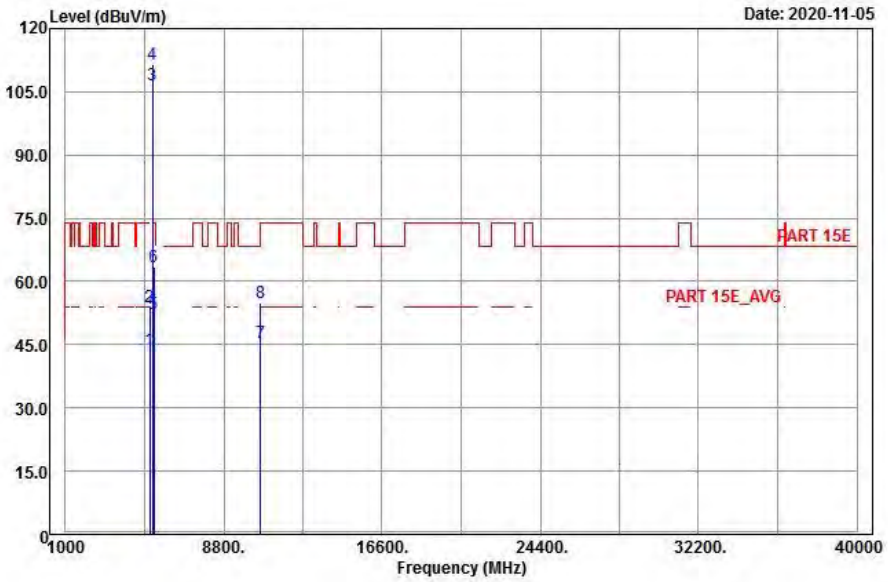
Channel 52	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



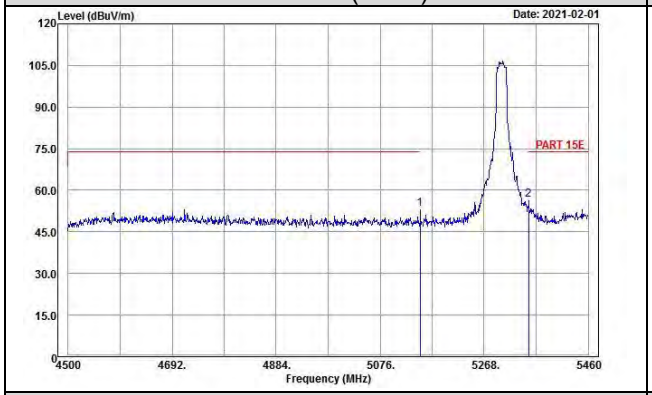
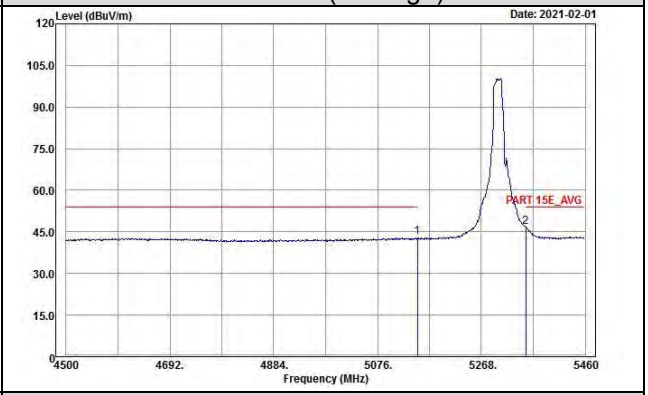
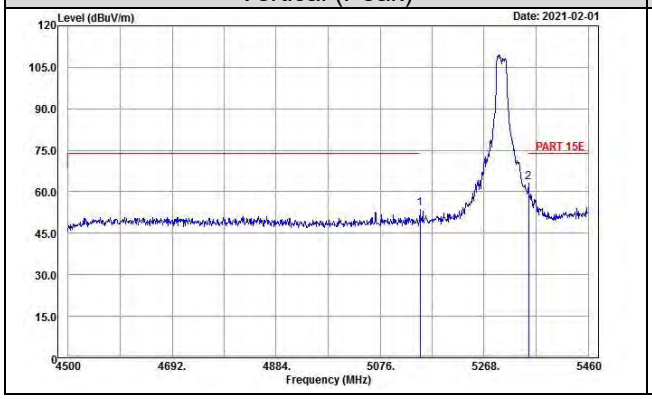
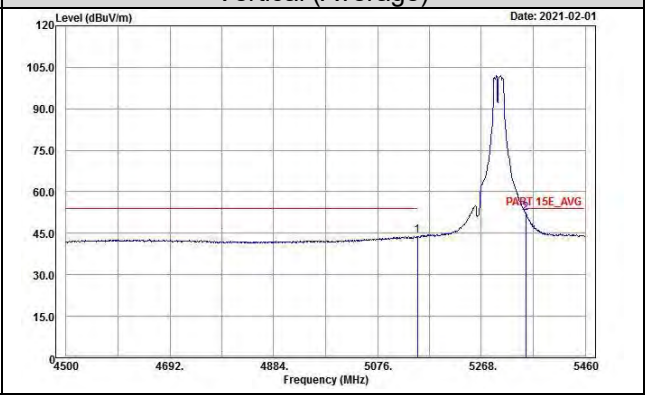
Vertical



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	43.02	32.97	10.05	54	-10.98	129	14	Average
5150	53.41	43.36	10.05	74	-20.59	129	14	Peak
5300	100.83	90.77	10.06			129	14	Average
5300	106.59	96.53	10.06			129	14	Peak
5350	46.91	36.68	10.23	54	-7.09	145	14	Average
5350	56.44	46.21	10.23	74	-17.56	145	14	Peak
10600	44.78	29.02	15.76	54	-9.22	149	88	Average
10600	54.26	38.5	15.76	74	-19.74	149	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
5150	43.98	33.93	10.05	54	-10.02	210	21	Average
5150	53.86	43.81	10.05	74	-20.14	210	21	Peak
5300	106.63	96.57	10.06			210	21	Average
5300	111.36	101.3	10.06			210	21	Peak
5350	52.31	42.08	10.23	54	-1.69	204	312	Average
5350	63.42	53.19	10.23	74	-10.58	204	312	Peak
10600	45.38	29.62	15.76	54	-8.62	146	248	Average
10600	54.91	39.15	15.76	74	-19.09	146	248	Peak

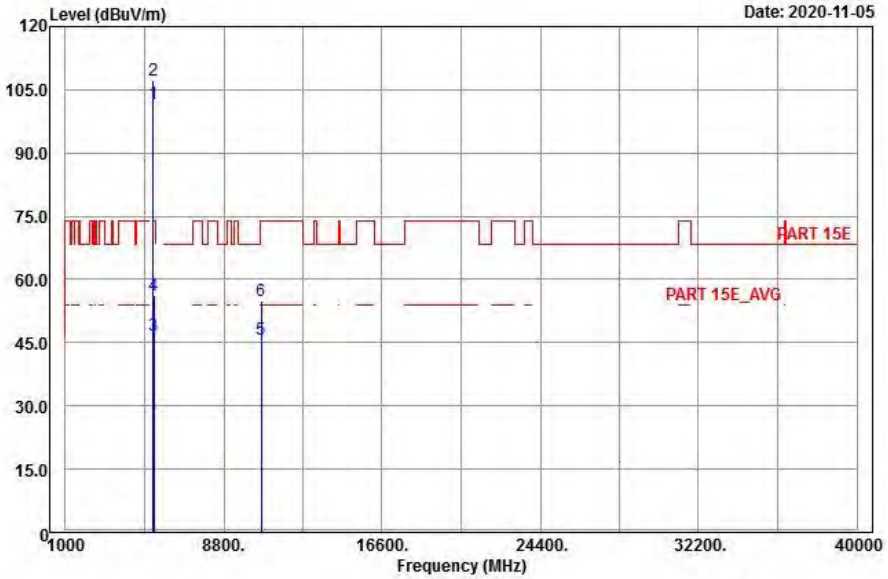
Remarks:

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.

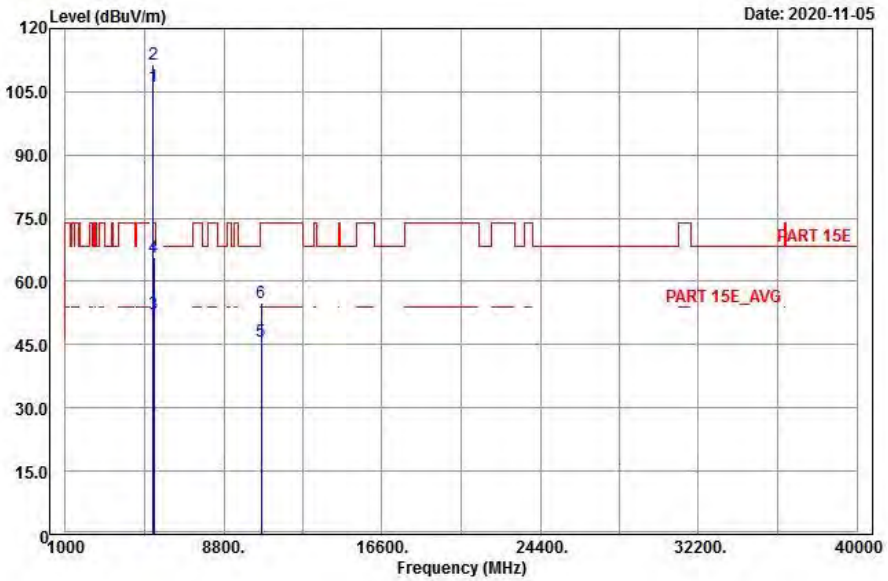
Channel 60	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



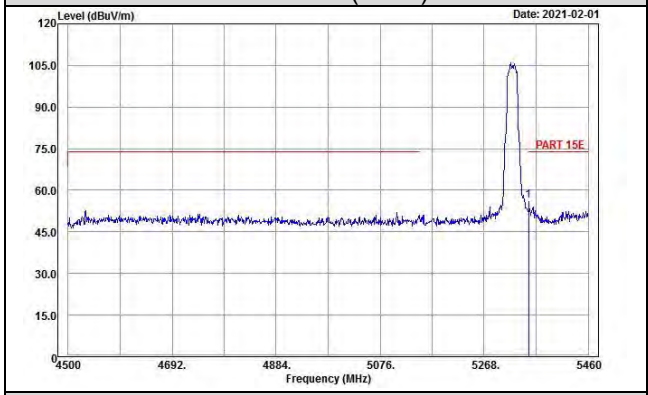
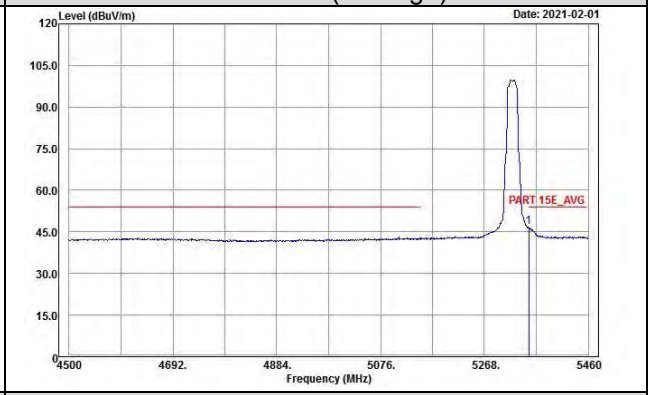
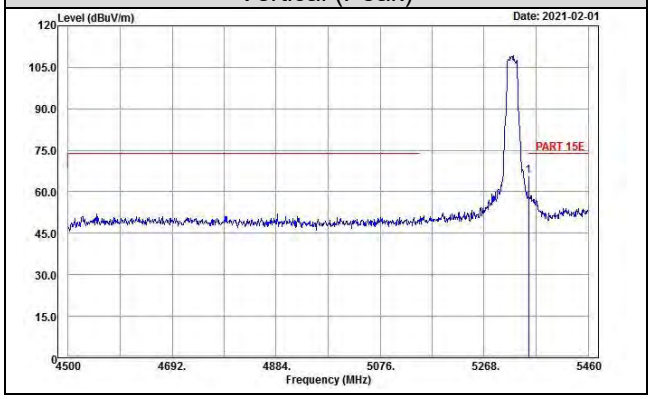
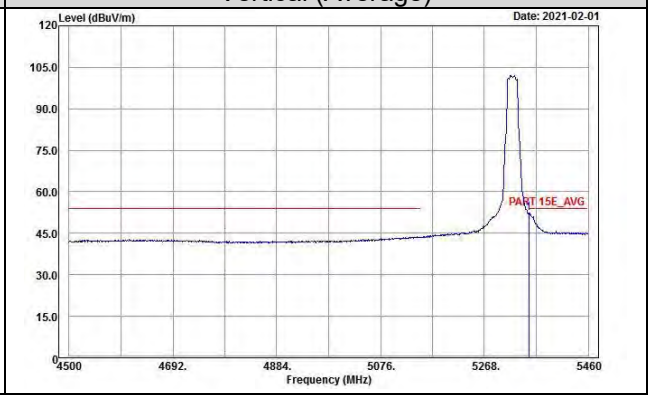
Vertical



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	101.65	91.56	10.09			129	14	Average
5320	107.25	97.16	10.09			129	14	Peak
5350	46.63	36.4	10.23	54	-7.37	129	6	Average
5350	56.14	45.91	10.23	74	-17.86	129	6	Peak
10640	45.65	29.66	15.99	54	-8.35	128	37	Average
10640	54.97	38.98	15.99	74	-19.03	128	37	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	106.37	96.28	10.09			225	21	Average
5320	111.55	101.46	10.09			225	21	Peak
5350	52.42	42.19	10.23	54	-1.58	231	294	Average
5350	65.65	55.42	10.23	74	-8.35	231	294	Peak
10640	45.68	29.69	15.99	54	-8.32	116	317	Average
10640	55	39.01	15.99	74	-19	116	317	Peak

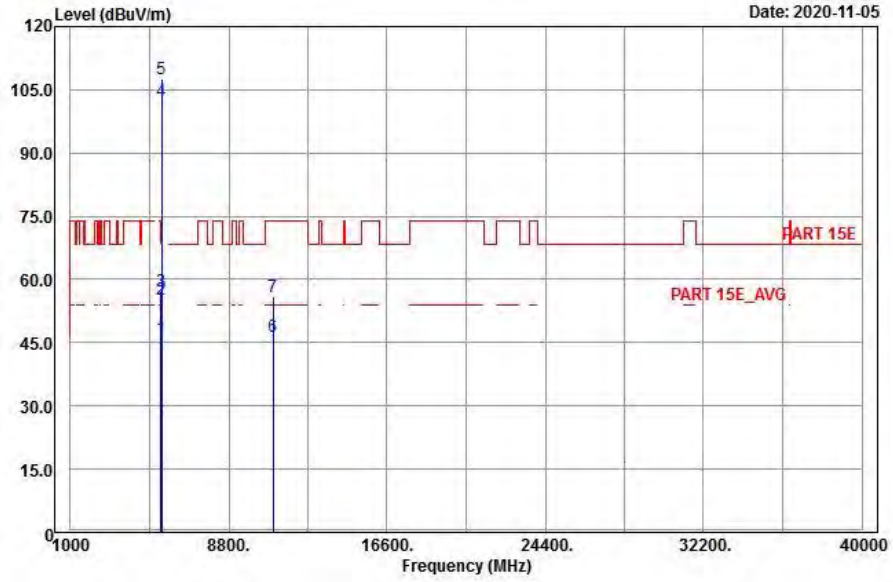
Remarks:

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.

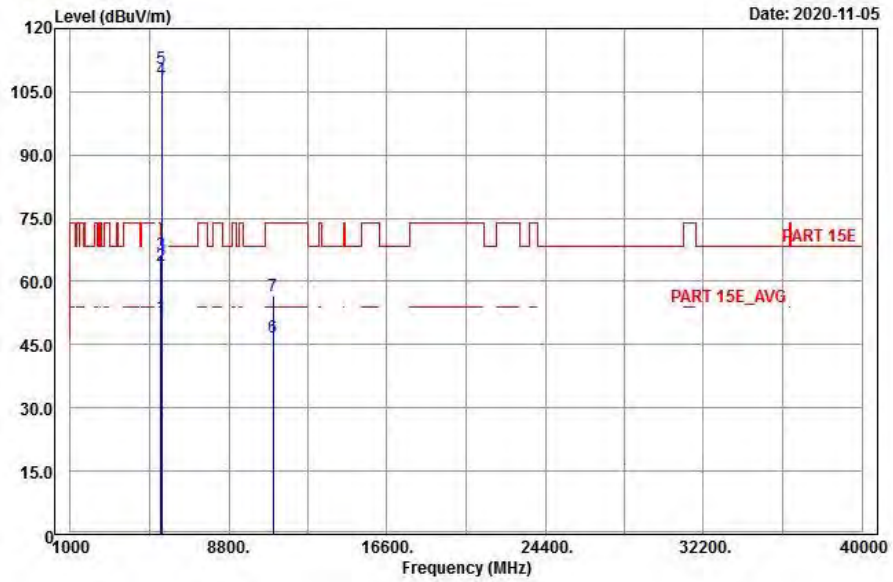
Channel 64	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



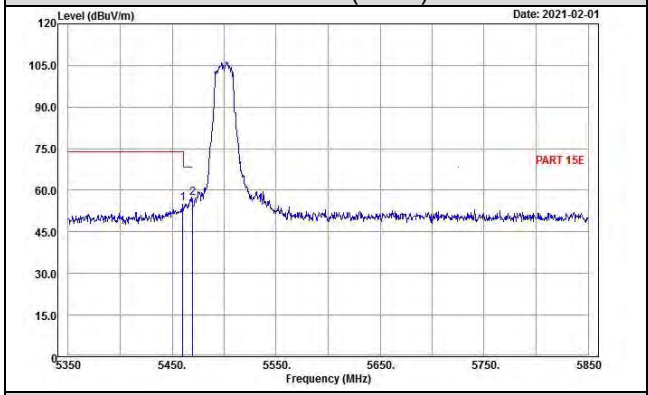
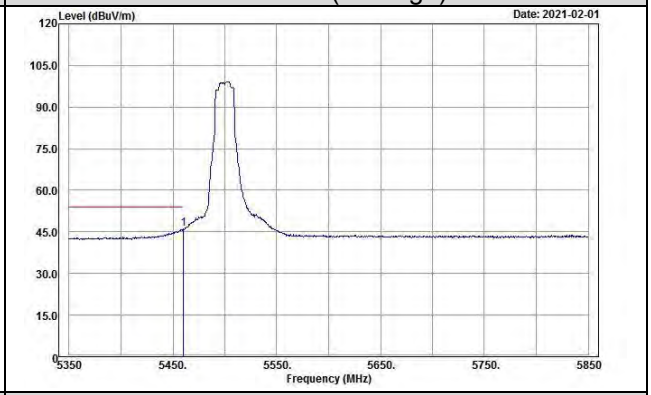
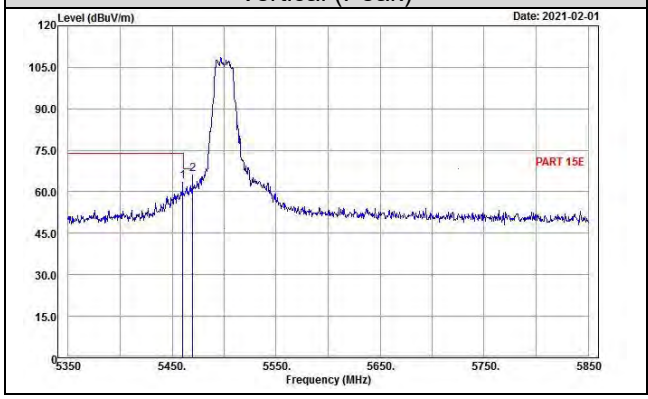
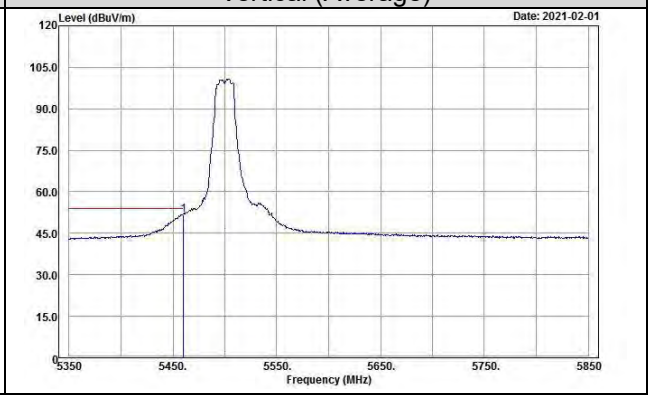
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46.22	35.71	10.51	54	-7.78	127	14	Average
5460	55.29	44.78	10.51	74	-18.71	127	14	Peak
*5470	57.25	46.72	10.53	68.2	-10.95	127	14	Peak
5500	102.33	91.73	10.6			127	14	Average
5500	107.65	97.05	10.6			127	14	Peak
11000	46.39	30.26	16.13	54	-7.61	136	214	Average
11000	55.89	39.76	16.13	74	-18.11	136	214	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	51.63	41.12	10.51	54	-2.37	232	19	Average
5460	63.9	53.39	10.51	74	-10.1	232	19	Peak
*5470	66.28	55.75	10.53	68.2	-1.92	232	19	Peak
5500	107.76	97.16	10.6			232	19	Average
5500	110.54	99.94	10.6			232	19	Peak
11000	46.75	30.62	16.13	54	-7.25	174	125	Average
11000	56.41	40.28	16.13	74	-17.59	174	125	Peak

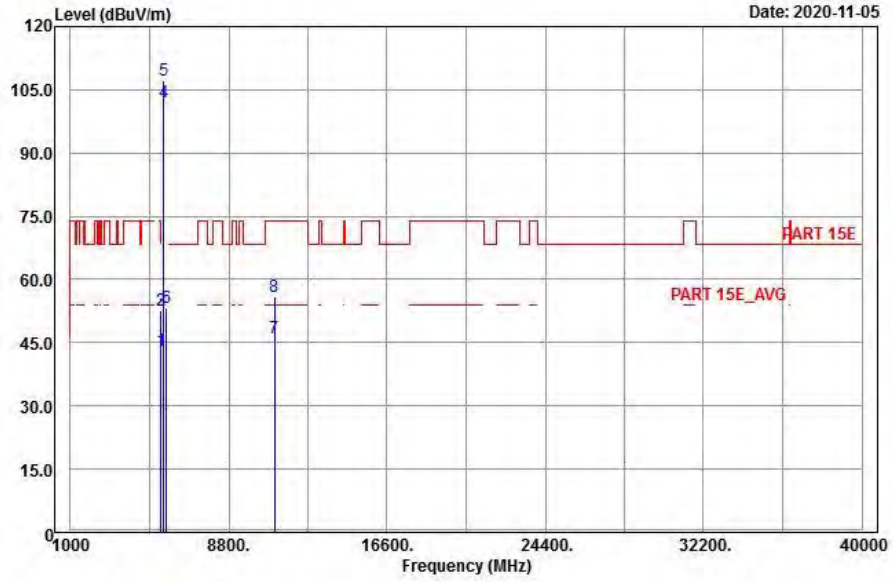
Remarks:

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.

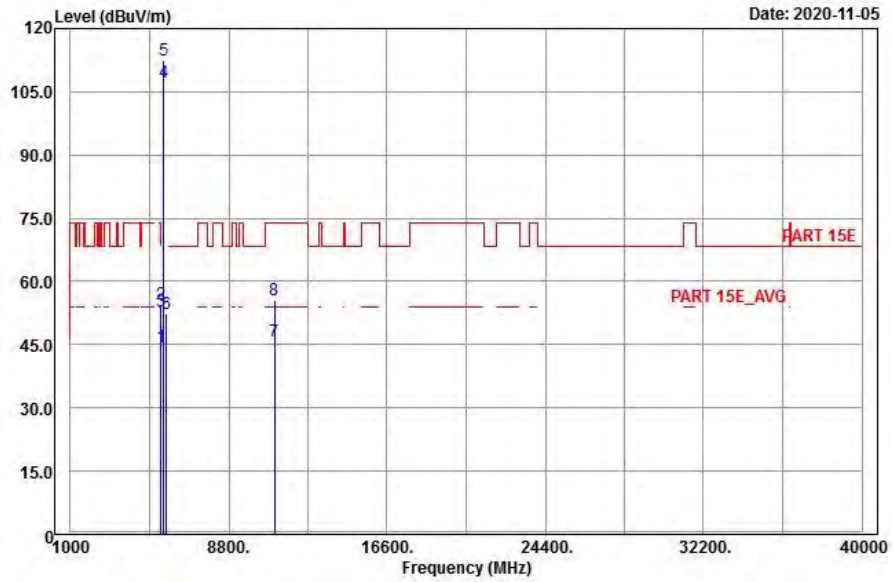
Channel 100	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



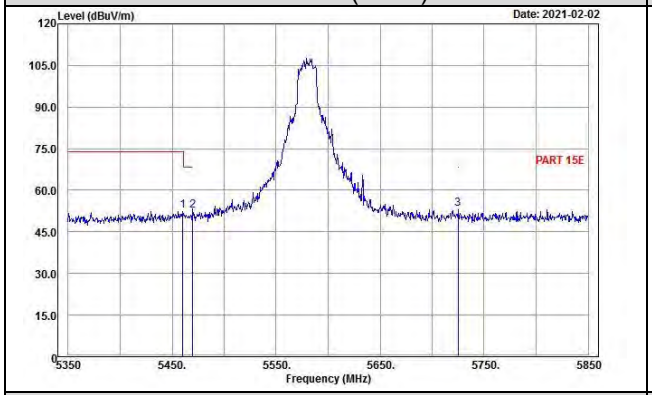
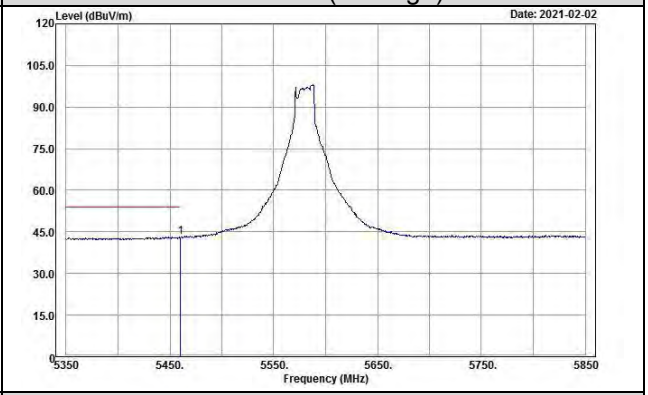
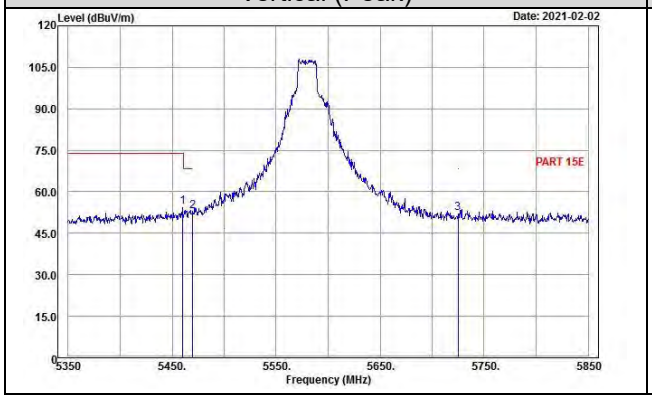
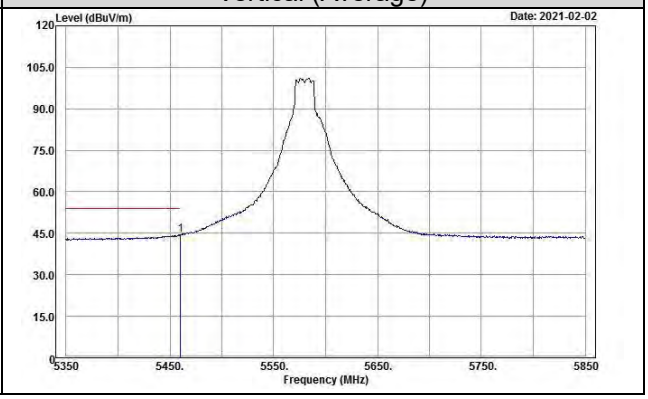
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.08	32.57	10.51	54	-10.92	127	14	Average
5460	52.56	42.05	10.51	74	-21.44	127	14	Peak
*5470	52.56	42.03	10.53	68.2	-15.64	127	14	Peak
5580	101.89	91.18	10.71			127	14	Average
5580	107.21	96.5	10.71			127	14	Peak
*5725	53.24	42.32	10.92	68.2	-14.96	127	14	Peak
11060	46.24	30.01	16.23	54	-7.76	129	68	Average
11060	55.85	39.62	16.23	74	-18.15	129	68	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	44.53	34.02	10.51	54	-9.47	232	19	Average
5460	54.7	44.19	10.51	74	-19.3	232	19	Peak
*5470	52.94	42.41	10.53	68.2	-15.26	232	19	Peak
5580	107.25	96.54	10.71			232	19	Average
5580	112.59	101.88	10.71			232	19	Peak
*5725	52.29	41.37	10.92	68.2	-15.91	232	19	Peak
11060	45.81	29.58	16.23	54	-8.19	145	176	Average
11060	55.5	39.27	16.23	74	-18.5	145	176	Peak

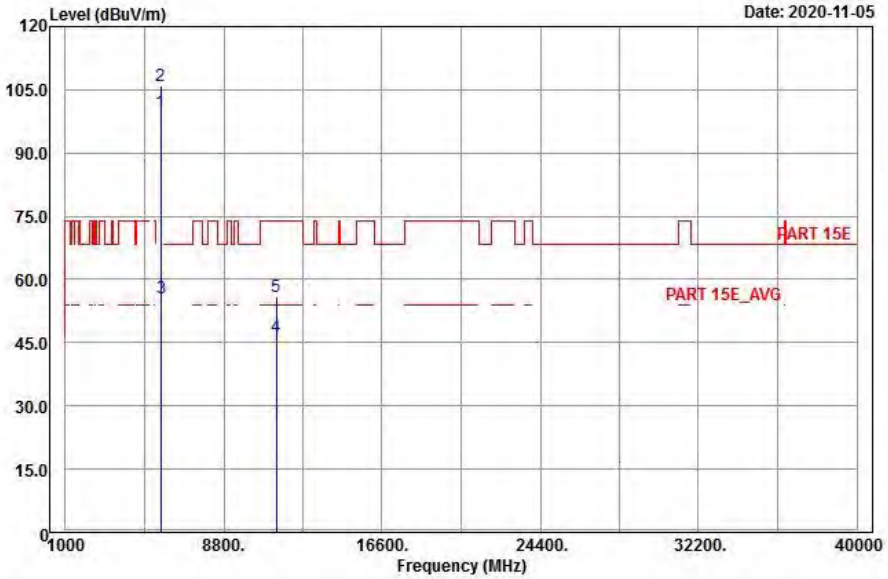
Remarks:

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.

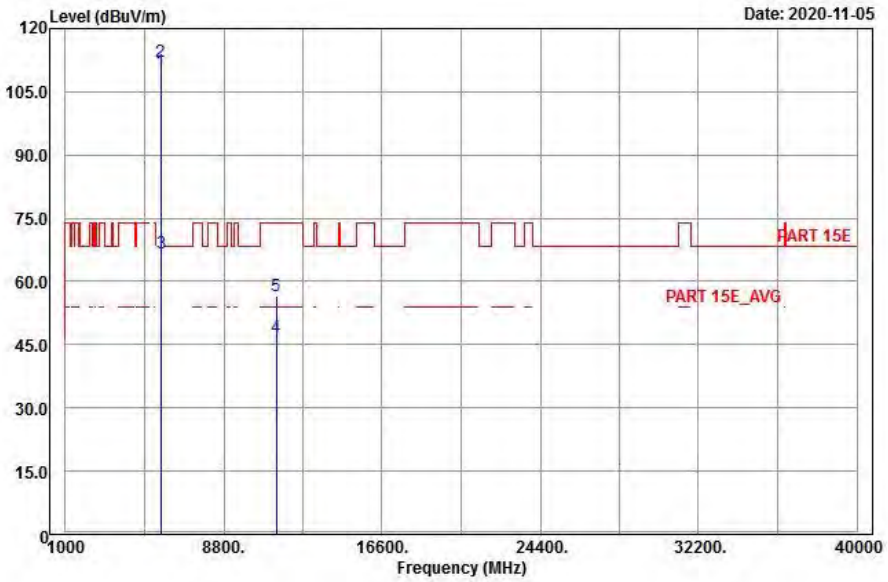
Channel 116	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



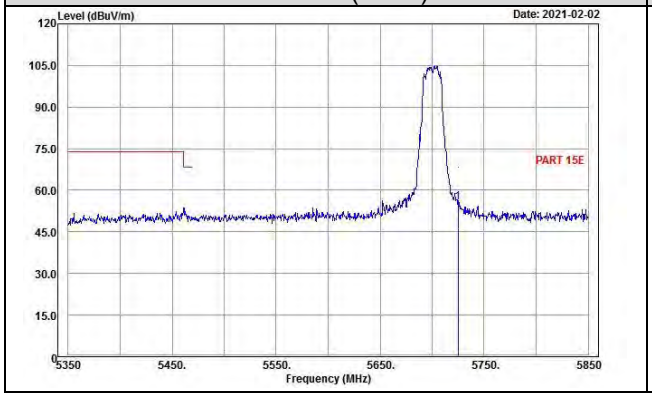
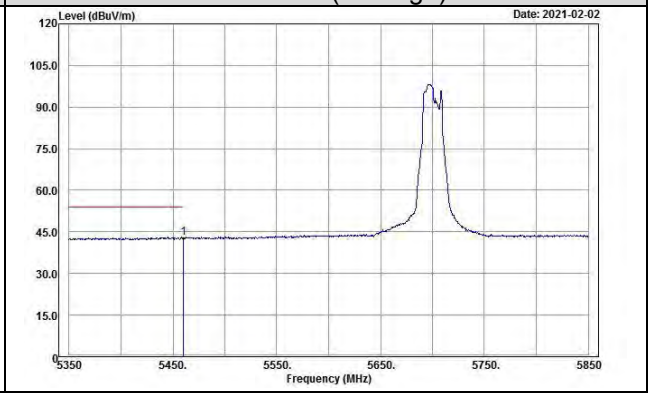
Vertical



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	99.83	88.88	10.95			127	14	Average
5700	105.97	95.02	10.95			127	14	Peak
*5725	55.5	44.58	10.92	68.2	-12.7	127	16	Peak
11400	46.35	30.16	16.19	54	-7.65	141	188	Average
11400	56.06	39.87	16.19	74	-17.94	141	188	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5700	109.77	98.82	10.95			230	37	Average
5700	112.25	101.3	10.95			230	37	Peak
*5725	66.66	55.74	10.92	68.2	-1.54	236	104	Peak
11400	46.86	30.67	16.19	54	-7.14	135	209	Average
11400	56.49	40.3	16.19	74	-17.51	135	209	Peak

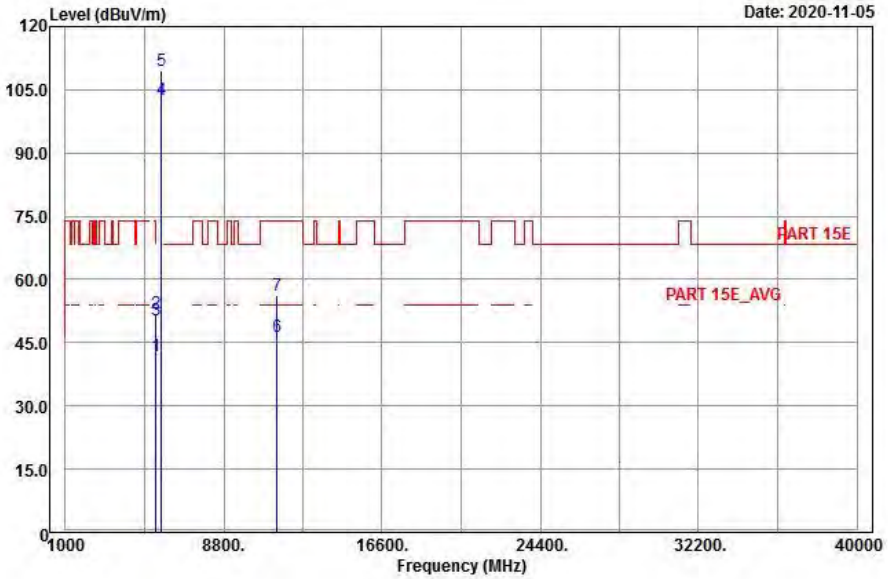
Remarks:

1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5700 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

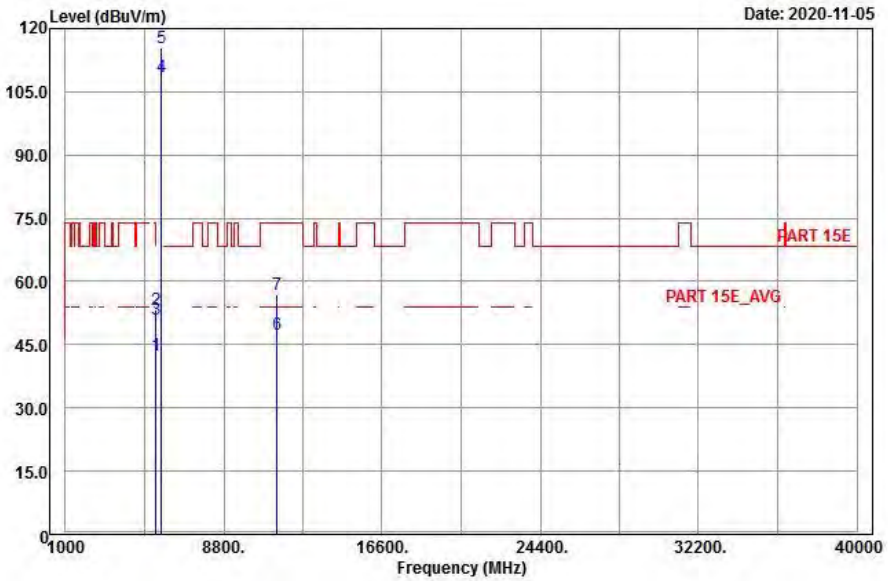
Channel 140	
Horizontal (Peak)	Horizontal (Average)
	

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

Horizontal



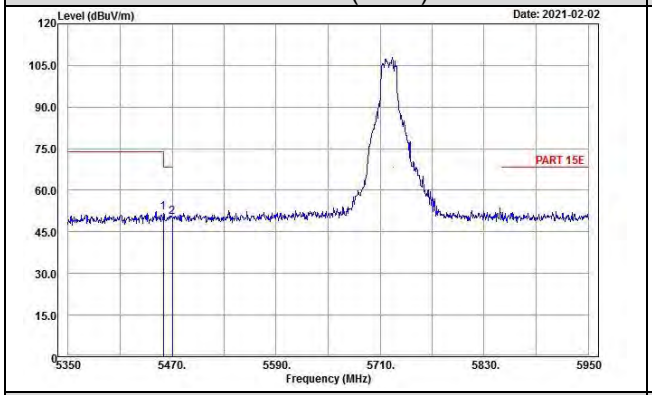
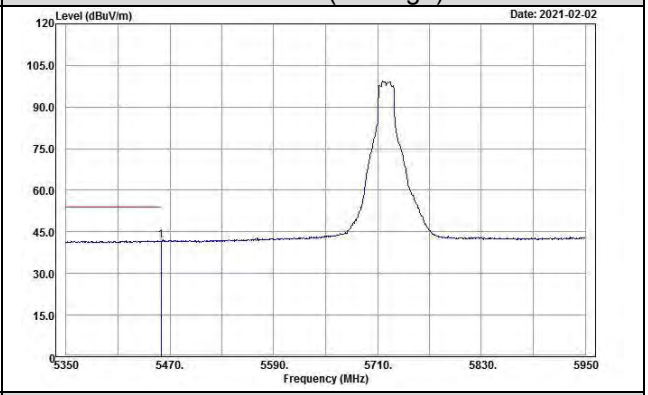
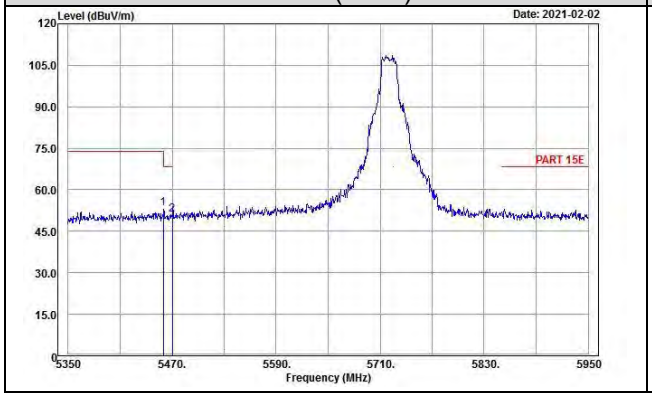
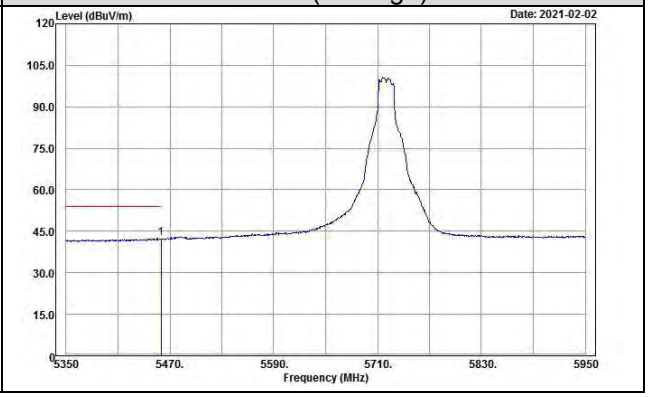
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	41.99	31.48	10.51	54	-12.01	119	28	Average
5460	53.53	43.02	10.51	74	-20.47	119	28	Peak
*5470	52.55	42.02	10.53	68.2	-15.65	119	28	Peak
5720	103.46	92.54	10.92			119	28	Average
5720	110.16	99.24	10.92			119	28	Peak
11440	46.19	29.9	16.29	54	-7.81	126	45	Average
11440	56.26	39.97	16.29	74	-17.74	126	45	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	42.37	31.86	10.51	54	-11.63	211	19	Average
5460	53.48	42.97	10.51	74	-20.52	211	19	Peak
*5470	51.19	40.66	10.53	68.2	-17.01	211	19	Peak
5720	109.84	98.92	10.92			211	19	Average
5720	116.03	105.11	10.92			211	19	Peak
11440	46.71	30.42	16.29	54	-7.29	156	205	Average
11440	56.44	40.15	16.29	74	-17.56	156	205	Peak

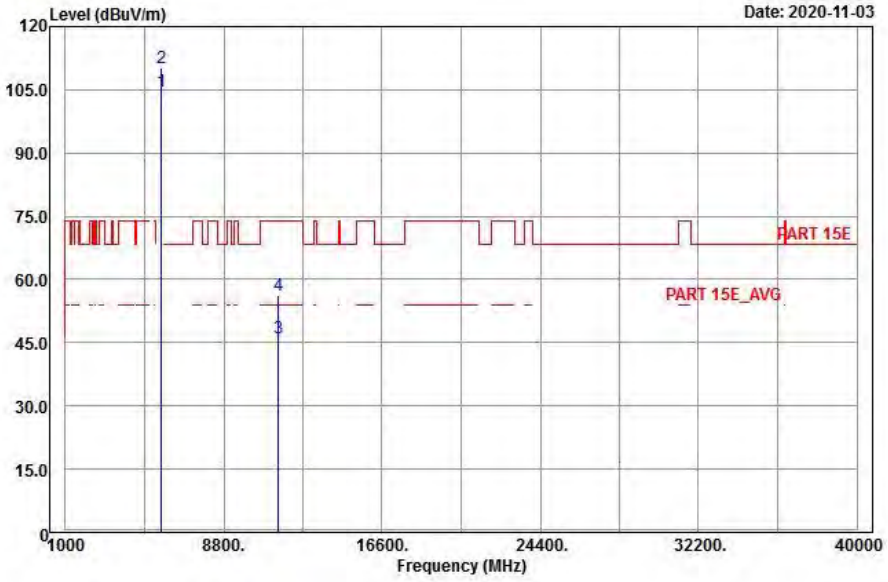
Remarks:

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

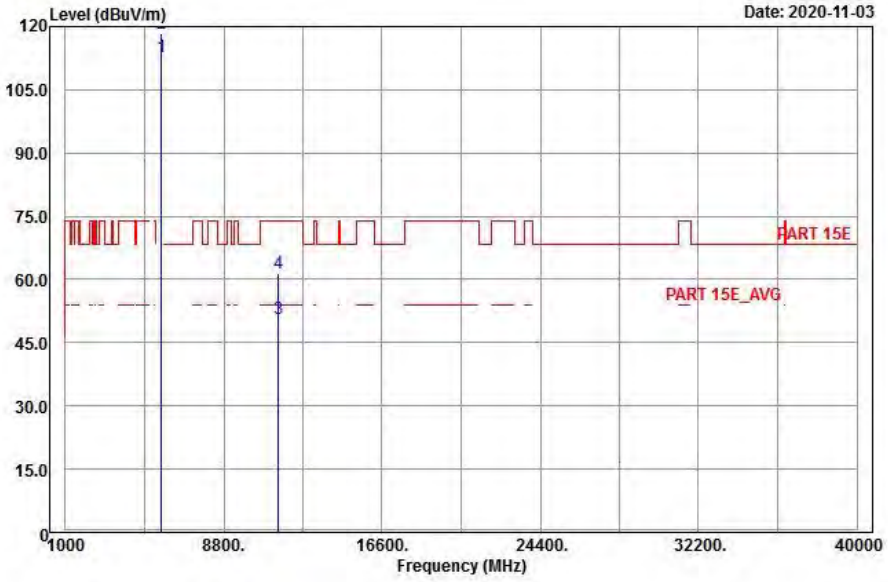
Channel 144	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

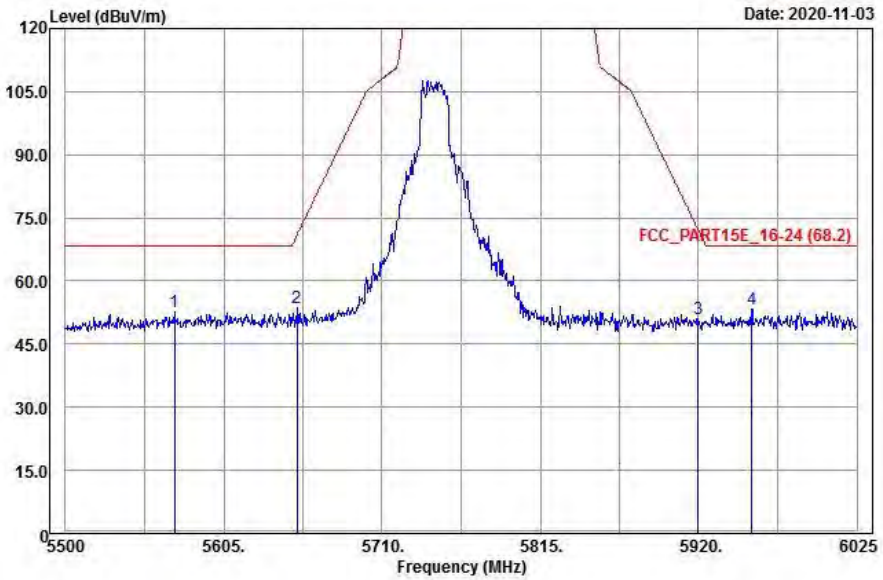
<Spurious Emission>
Horizontal



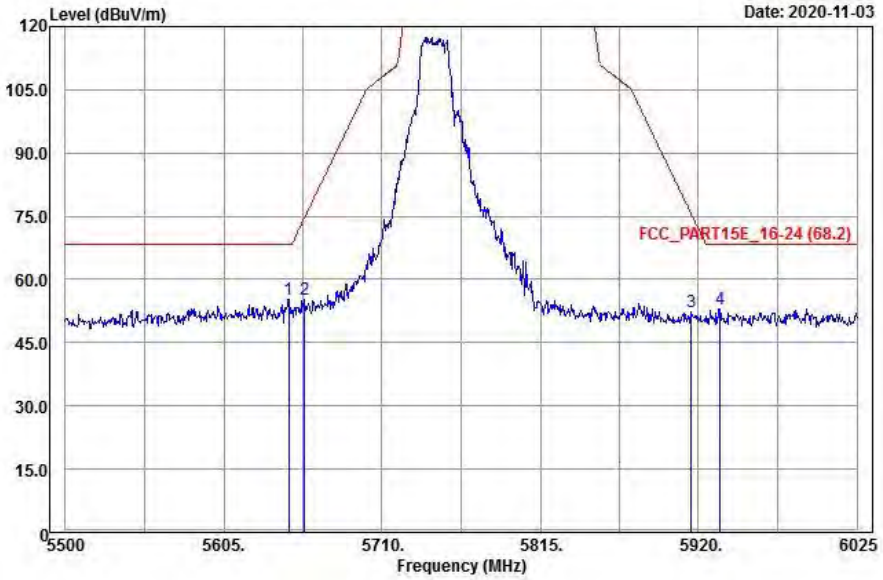
Vertical



<Out of Band Emission (OOBE)>
Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5745	104.68	61.91	42.77			110	28	Average
5745	110.24	67.47	42.77			110	28	Peak
11490	46.26	29.79	16.47	54	-7.74	159	225	Average
11490	56.11	39.64	16.47	74	-17.89	159	225	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	112.66	101.78	10.88			239	37	Average
5745	118.28	107.4	10.88			239	37	Peak
11490	50.81	34.34	16.47	54	-3.19	202	61	Average
11490	61.57	45.1	16.47	74	-12.43	202	61	Peak

<Out of Band Emission (OOBE)>

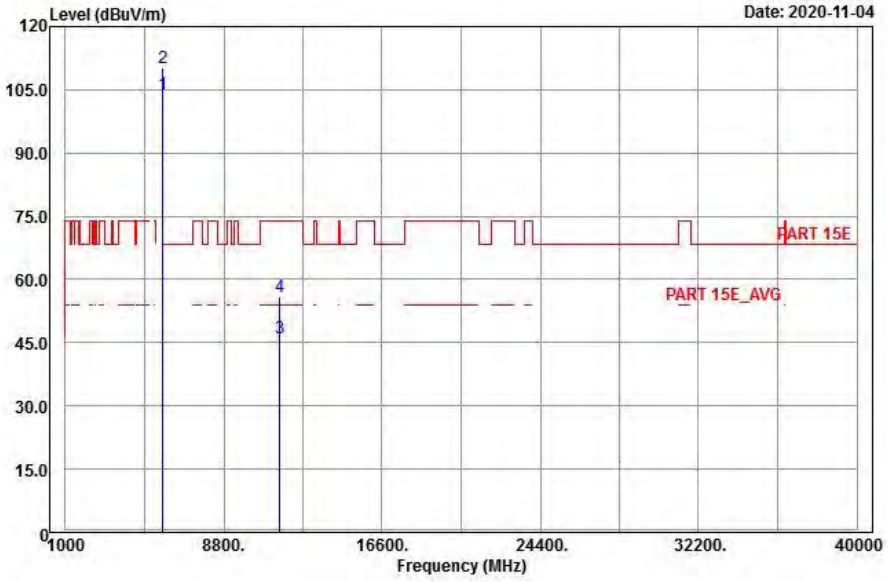
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5572.45	52.57	41.87	10.7	68.2	-15.63	110	28	Peak
5653.825	53.5	42.63	10.87	71.03	-17.53	110	28	Peak
5920	51.14	40.05	11.09	71.9	-20.76	110	28	Peak
*5955.175	53.39	42.2	11.19	68.2	-14.81	110	28	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5648.05	55.17	44.32	10.85	68.2	-13.03	239	37	Peak
5658.55	55.12	44.25	10.87	74.53	-19.41	239	37	Peak
5915.275	52.3	41.21	11.09	75.4	-23.1	239	37	Peak
*5934.175	52.99	41.86	11.13	68.2	-15.21	239	37	Peak

Remarks:

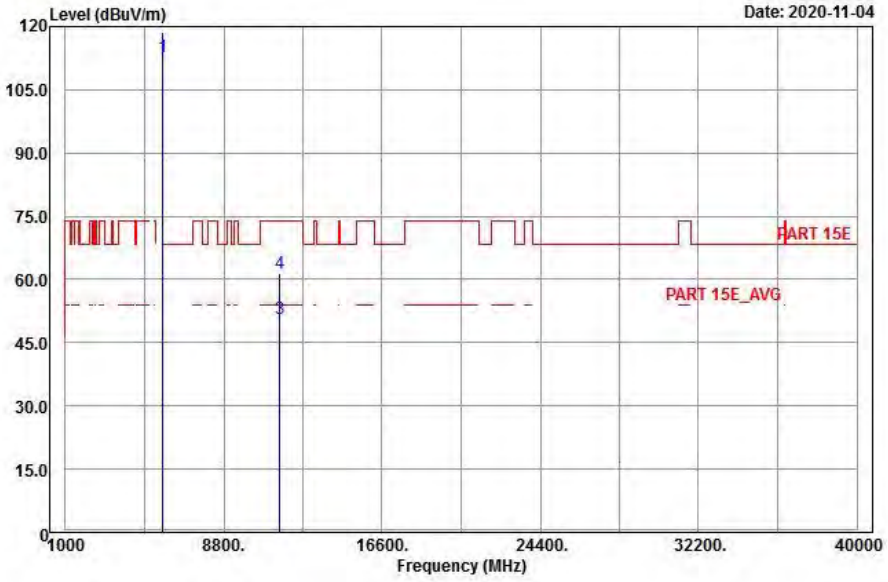
1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5745 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

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

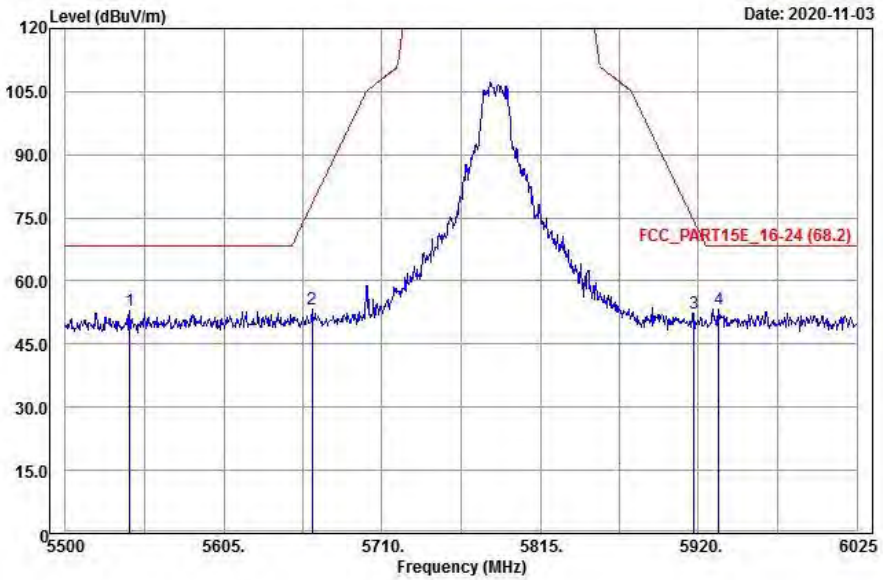
<Spurious Emission>
Horizontal



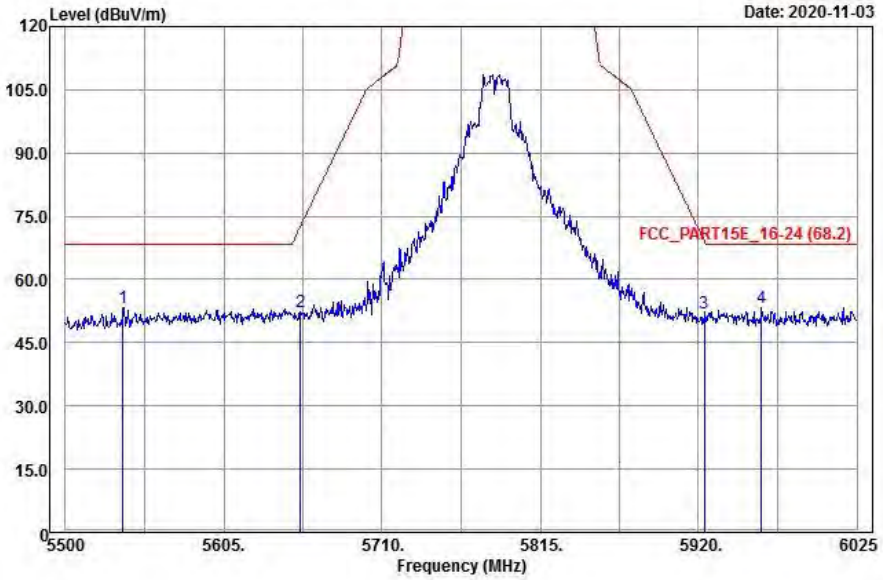
Vertical



<Out of Band Emission (OOBE)>
Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5785	103.93	93.12	10.81			110	28	Average
5785	110.03	99.22	10.81			110	28	Peak
11570	45.95	29.46	16.49	54	-8.05	161	206	Average
11570	55.99	39.5	16.49	74	-18.01	161	206	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	112.91	102.1	10.81			239	37	Average
5785	118.83	108.02	10.81			239	37	Peak
11570	50.71	34.22	16.49	54	-3.29	208	63	Average
11570	61.33	44.84	16.49	74	-12.67	208	63	Peak

<Out of Band Emission (OOBE)>

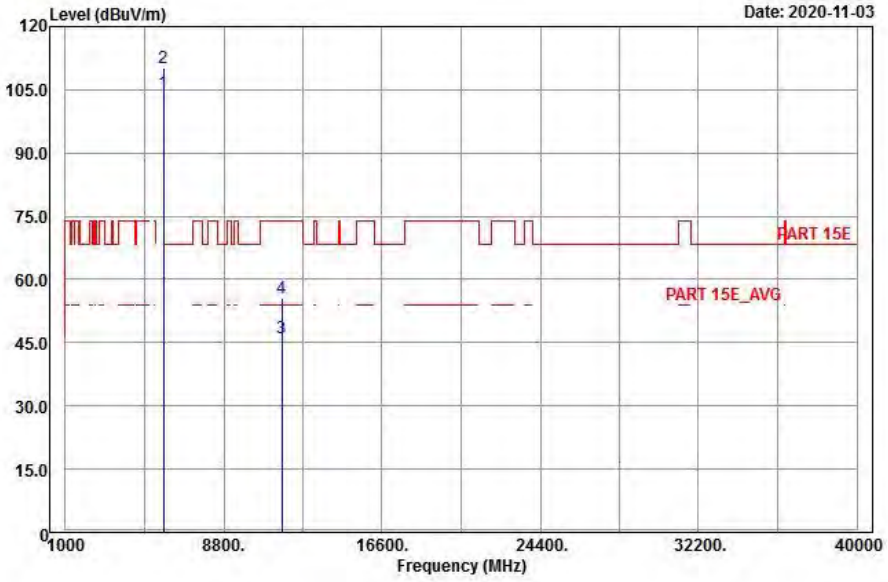
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5542.525	52.93	42.27	10.66	68.2	-15.27	110	28	Peak
5663.8	53.19	42.3	10.89	78.41	-25.22	110	28	Peak
5916.85	52.44	41.35	11.09	74.23	-21.79	110	28	Peak
*5933.65	53.36	42.23	11.13	68.2	-14.84	110	28	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
*5538.325	53.35	42.69	10.66	68.2	-14.85	239	37	Peak
5655.925	52.46	41.59	10.87	72.58	-20.12	239	37	Peak
5923.675	52.15	41.04	11.11	69.18	-17.03	239	37	Peak
*5962	53.38	42.15	11.23	68.2	-14.82	239	37	Peak

Remarks:

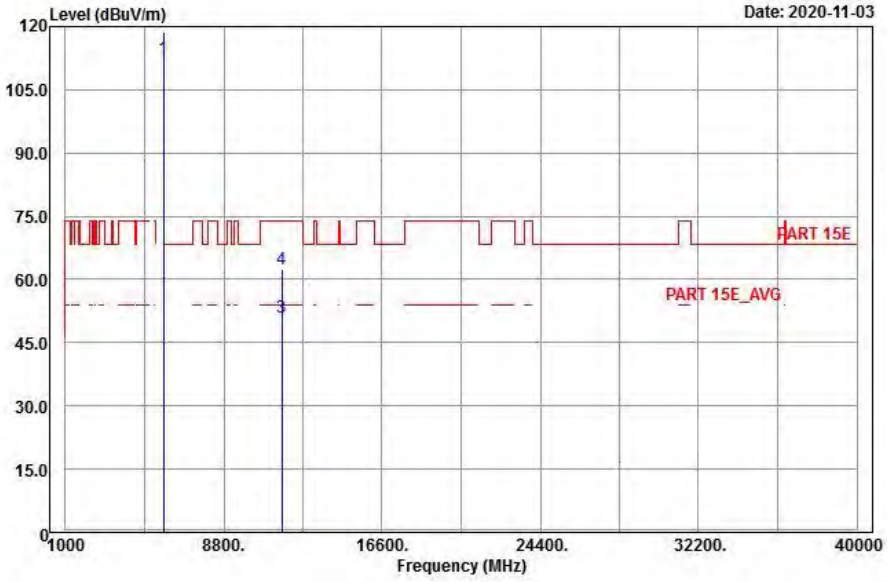
1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
   Margin Value = Emission Level – Limit value
2. 5785 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

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

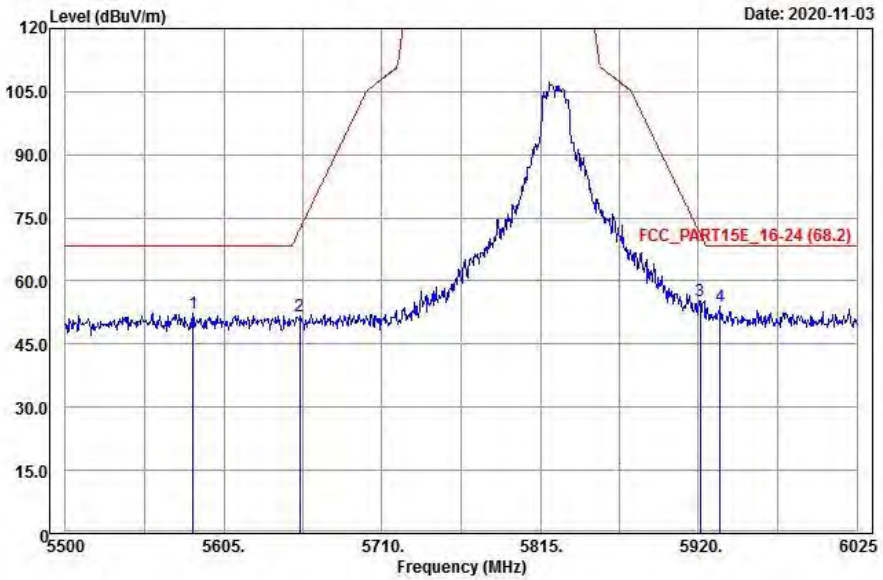
<Spurious Emission>
Horizontal



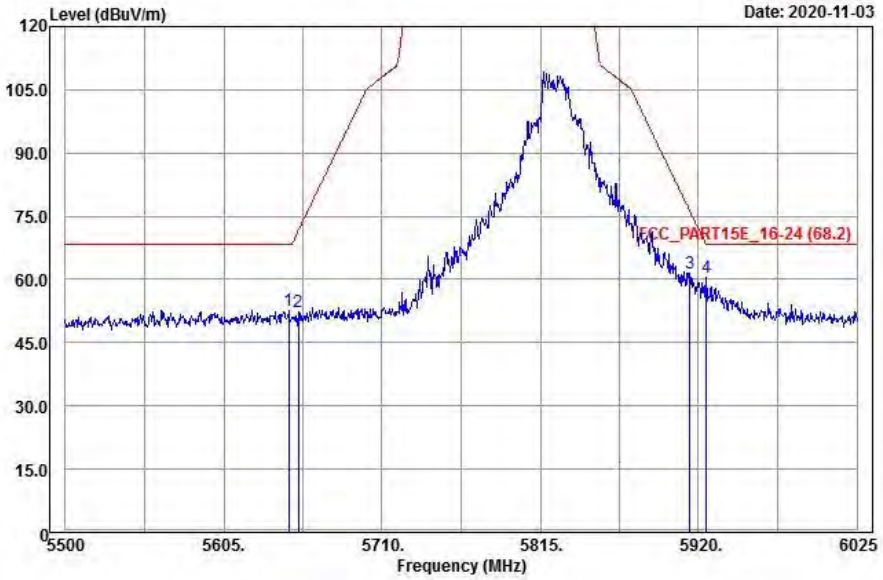
Vertical



<Out of Band Emission (OOBE)>
Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5825	104.35	91.39	12.96			239	37	Average
5825	110.03	97.07	12.96			110	28	Peak
11650	46.07	29.29	16.78	54	-7.93	157	206	Average
11650	55.72	38.94	16.78	74	-18.28	157	206	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	112.56	101.68	10.88			239	37	Average
5825	118.77	107.89	10.88			239	37	Peak
11650	50.96	34.18	16.78	54	-3.04	208	63	Average
11650	62.53	45.75	16.78	74	-11.47	208	63	Peak

<Out of Band Emission (OOBE)>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5584.525	52.36	41.63	10.73	68.2	-15.84	110	28	Peak
5655.4	51.69	40.82	10.87	72.2	-20.51	110	28	Peak
5921.05	55.41	44.32	11.09	71.12	-15.71	110	28	Peak
*5934.175	53.86	42.73	11.13	68.2	-14.34	110	28	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5648.05	52.68	41.83	10.85	68.2	-15.52	239	37	Peak
5654.35	52.42	41.55	10.87	71.42	-19	239	37	Peak
5914.225	61.55	50.48	11.07	76.17	-14.62	239	37	Peak
*5925.25	60.57	49.46	11.11	68.2	-7.63	239	37	Peak

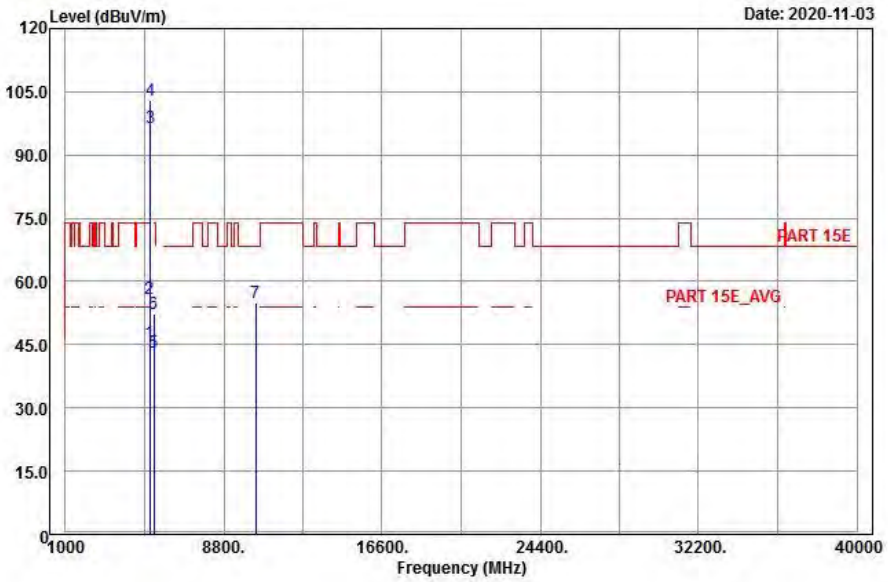
Remarks:

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

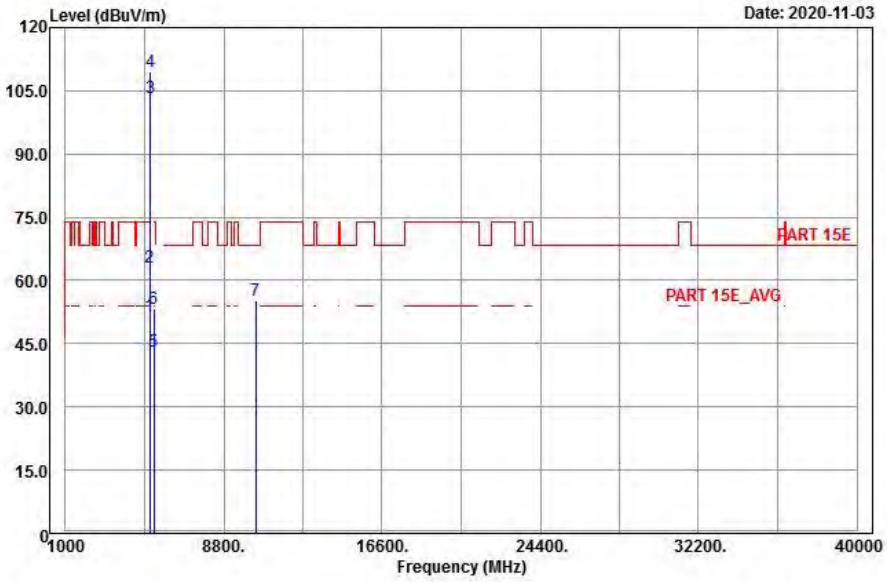
802.11n (HT40)

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

Horizontal



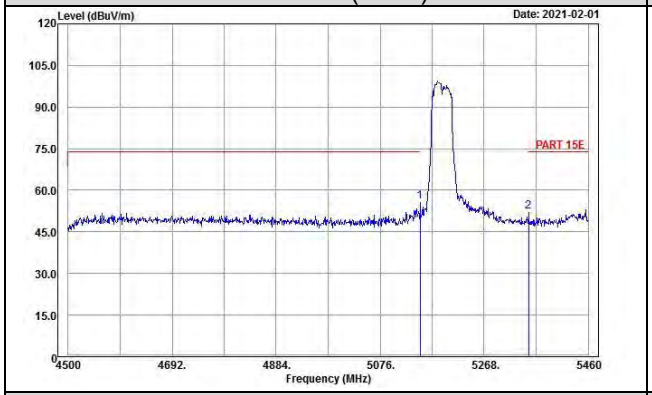
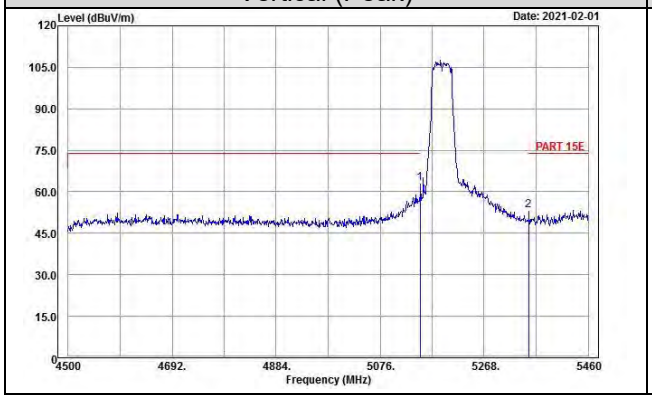
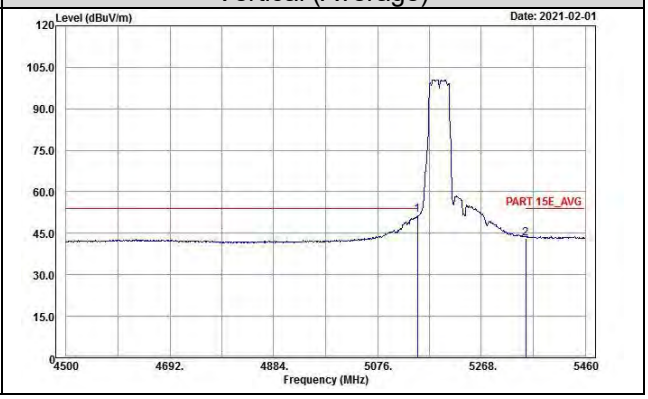
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	45.59	35.54	10.05	54	-8.41	192	21	Average
5150	55.98	45.93	10.05	74	-18.02	192	21	Peak
5190	96.38	86.26	10.12			192	21	Average
5190	102.92	92.8	10.12			192	21	Peak
5350	43.06	32.83	10.23	54	-10.94	192	21	Average
5350	52.39	42.16	10.23	74	-21.61	192	21	Peak
*10380	54.97	38.87	16.1	68.2	-13.23	160	36	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	51.66	41.61	10.05	54	-2.34	214	336	Average
5150	63.23	53.18	10.05	74	-10.77	214	336	Peak
5190	103.16	93.04	10.12			211	19	Average
5190	109.45	99.33	10.12			211	19	Peak
5350	43.01	32.78	10.23	54	-10.99	211	19	Average
5350	53.45	43.22	10.23	74	-20.55	211	19	Peak
*10380	55.36	39.26	16.1	68.2	-12.84	194	145	Peak

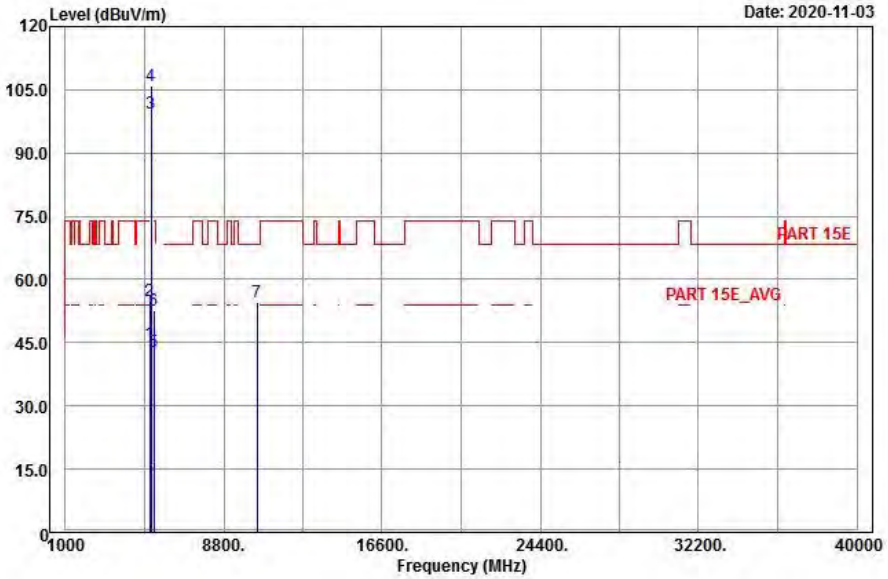
Remarks:

1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5190 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

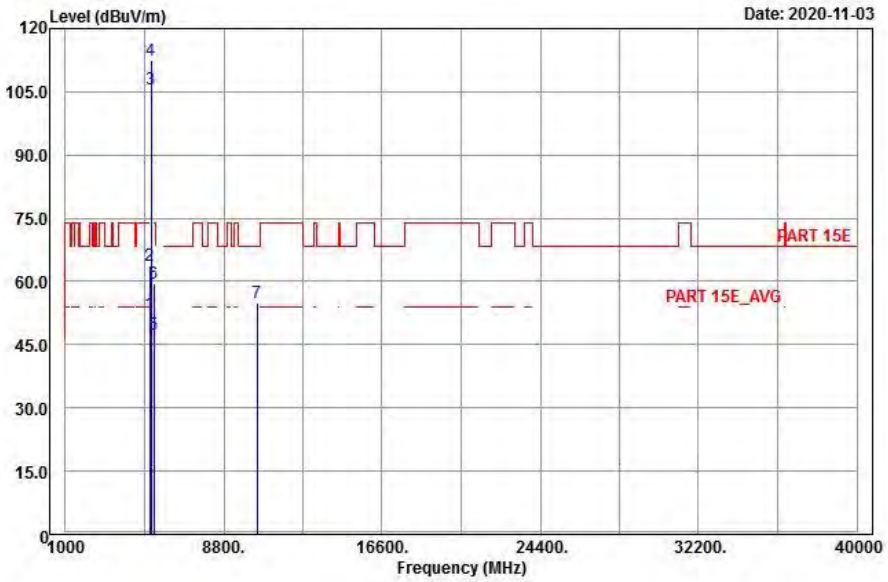
Channel 38	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



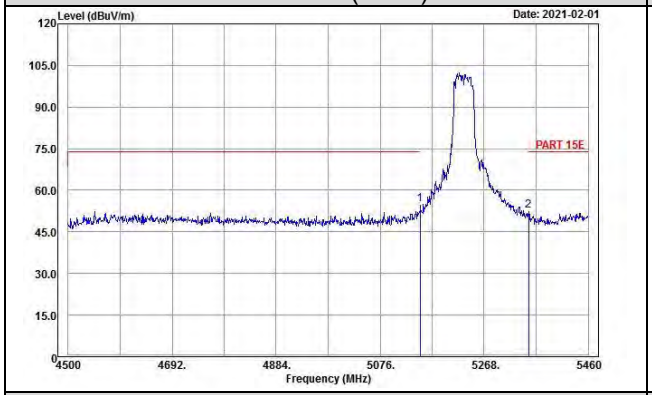
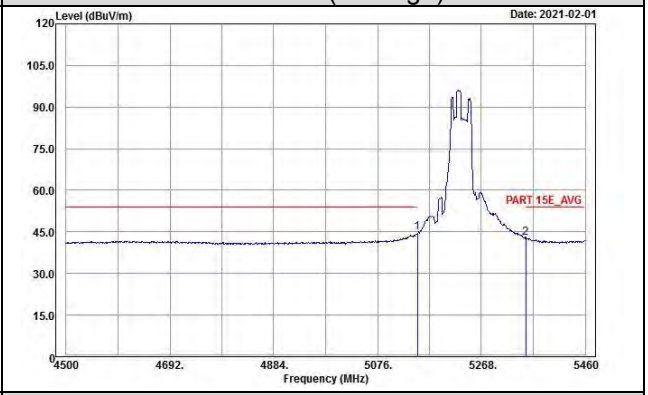
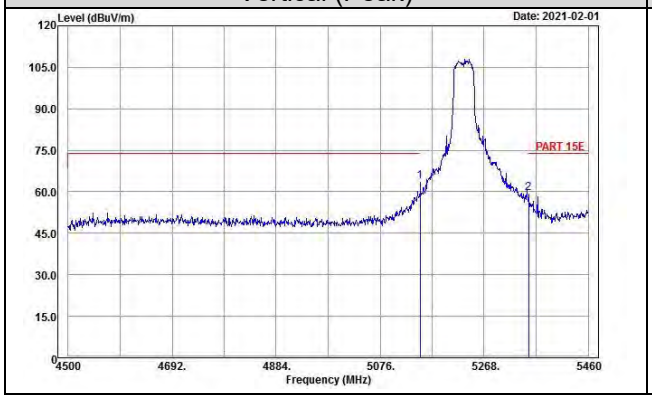
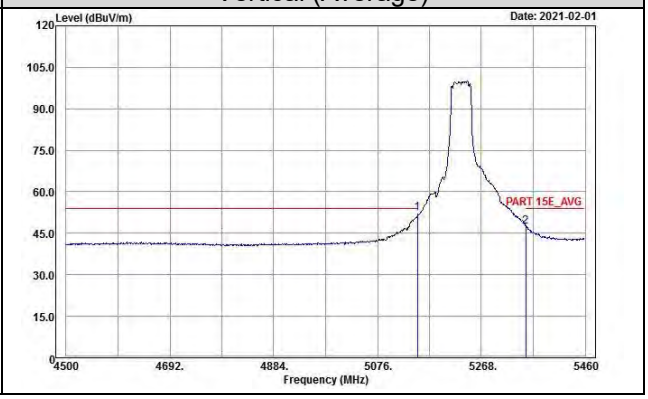
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	44.92	34.87	10.05	54	-9.08	210	20	Average
5150	54.87	44.82	10.05	74	-19.13	210	20	Peak
5230	99.48	89.34	10.14			210	20	Average
5230	106.02	95.88	10.14			210	20	Peak
5350	42.76	32.53	10.23	54	-11.24	210	20	Average
5350	52.55	42.32	10.23	74	-21.45	210	20	Peak
*10460	54.72	38.72	16	68.2	-13.48	134	6	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	52.41	42.36	10.05	54	-1.59	211	342	Average
5150	63.64	53.59	10.05	74	-10.36	211	342	Peak
5230	105.56	95.42	10.14			211	19	Average
5230	112.43	102.29	10.14			211	19	Peak
5350	47.32	37.09	10.23	54	-6.68	211	19	Average
5350	59.51	49.28	10.23	74	-14.49	211	19	Peak
*10460	55.07	39.07	16	68.2	-13.13	118	247	Peak

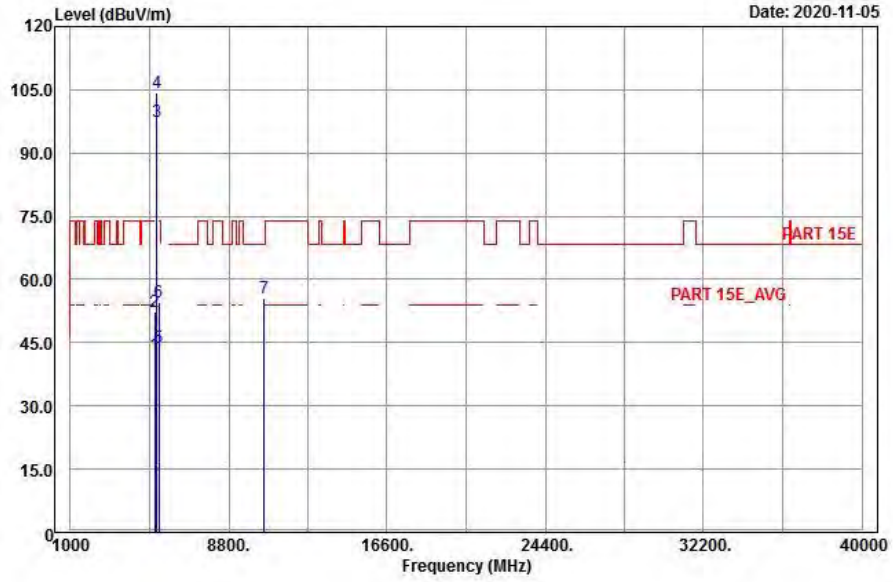
Remarks:

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

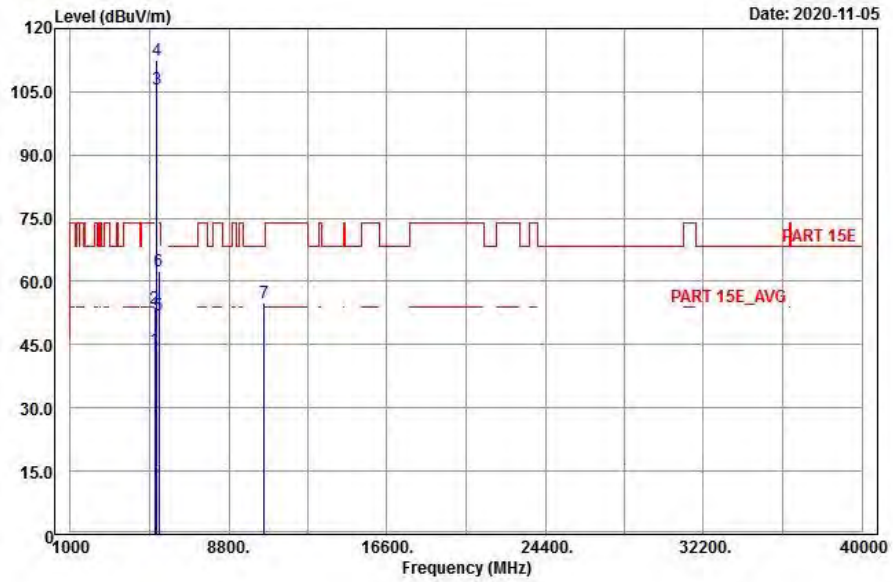
Channel 46	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



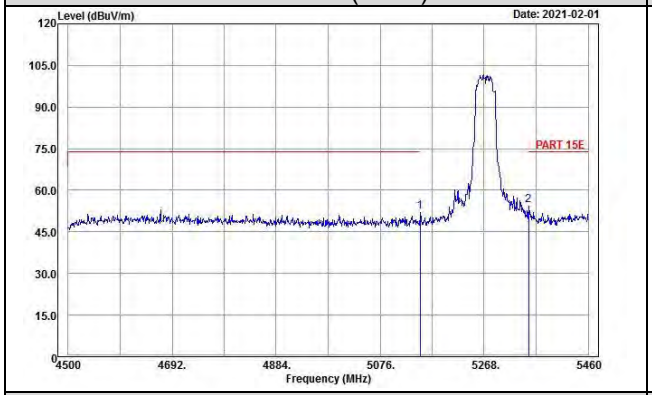
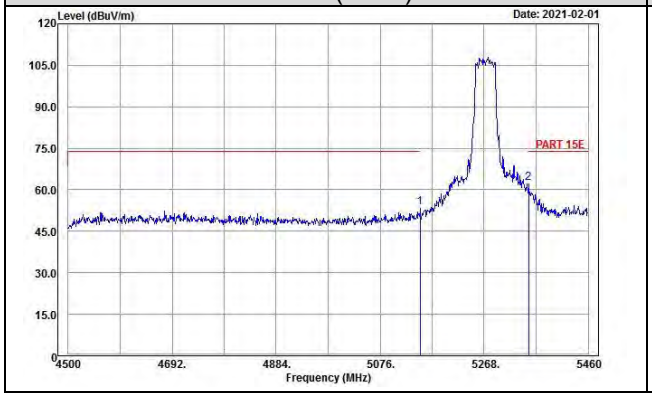
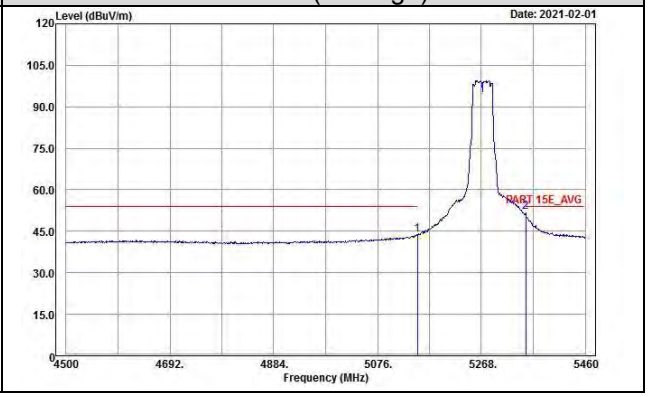
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.12	32.07	10.05	54	-11.88	210	20	Average
5150	52.47	42.42	10.05	74	-21.53	210	20	Peak
5270	97.49	87.37	10.12			210	20	Average
5270	104.33	94.21	10.12			210	20	Peak
5350	43.9	33.67	10.23	54	-10.1	210	20	Average
5350	54.45	44.22	10.23	74	-19.55	210	20	Peak
*10540	55.61	39.78	15.83	68.2	-12.59	182	46	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	43.84	33.79	10.05	54	-10.16	211	19	Average
5150	53.76	43.71	10.05	74	-20.24	211	19	Peak
5270	105.57	95.45	10.12			211	19	Average
5270	112.51	102.39	10.12			211	19	Peak
5350	52.05	41.82	10.23	54	-1.95	214	342	Average
5350	62.41	52.18	10.23	74	-11.59	214	342	Peak
*10540	54.83	39	15.83	68.2	-13.37	142	274	Peak

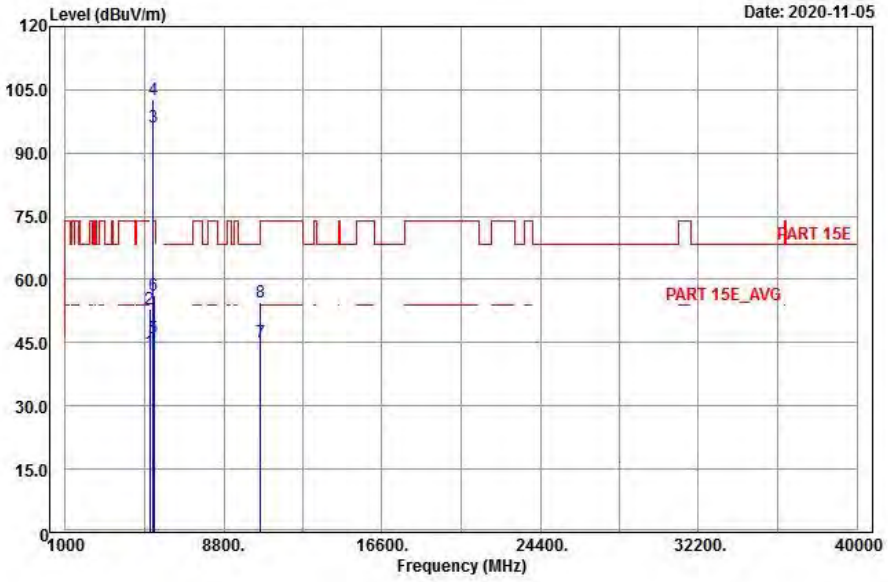
Remarks:

1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5270 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

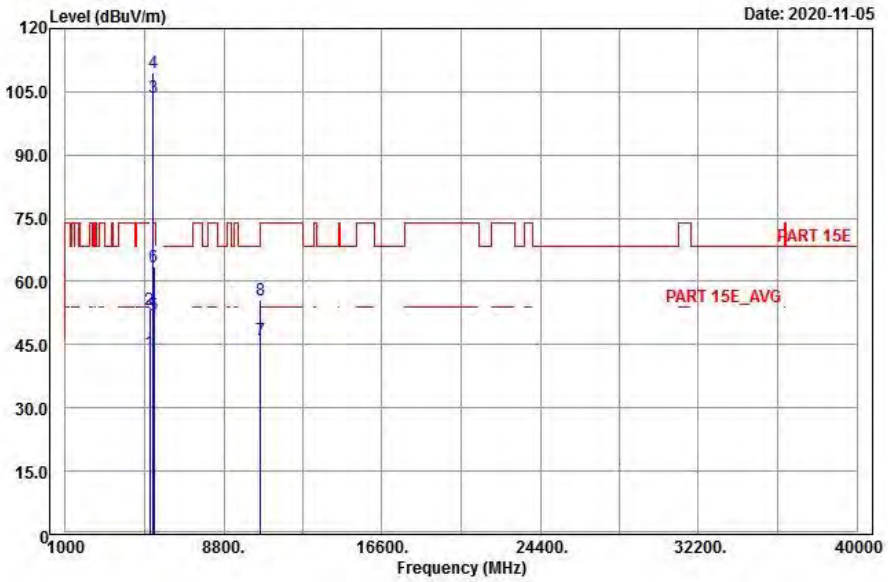
Channel 54	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



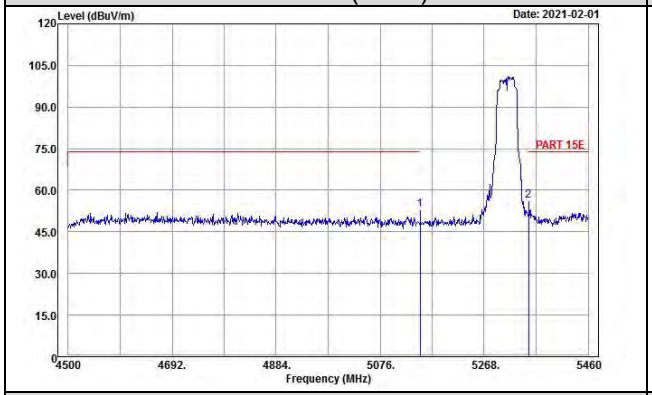
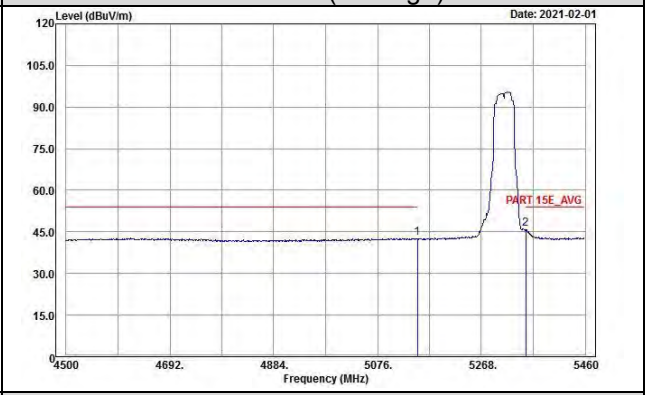
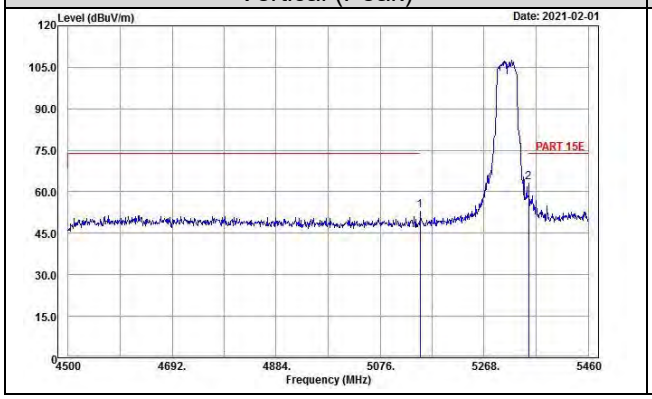
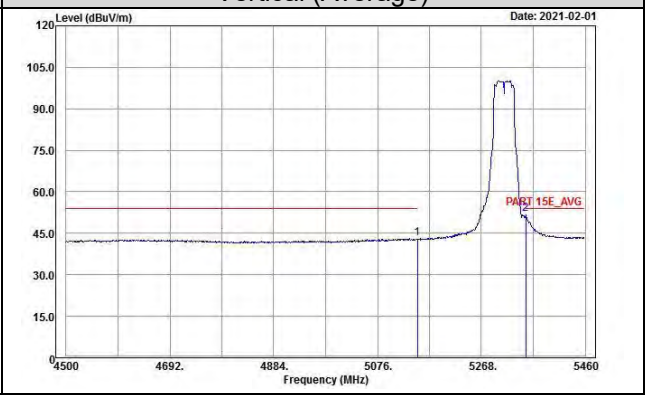
Vertical



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	42.88	32.83	10.05	54	-11.12	129	14	Average
5150	52.84	42.79	10.05	74	-21.16	129	14	Peak
5310	96.1	86.01	10.09			129	14	Average
5310	102.77	92.68	10.09			129	14	Peak
5350	46.15	35.92	10.23	54	-7.85	117	18	Average
5350	56.15	45.92	10.23	74	-17.85	117	18	Peak
10620	45.11	29.23	15.88	54	-8.89	190	27	Average
10620	54.63	38.75	15.88	74	-19.37	190	27	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	43.19	33.14	10.05	54	-10.81	225	21	Average
5150	53.18	43.13	10.05	74	-20.82	225	21	Peak
5310	103.8	93.71	10.09			225	21	Average
5310	109.49	99.4	10.09			225	21	Peak
5350	52.05	41.82	10.23	54	-1.95	216	287	Average
5350	63.49	53.26	10.23	74	-10.51	216	287	Peak
10620	45.98	30.1	15.88	54	-8.02	135	120	Average
10620	55.63	39.75	15.88	74	-18.37	135	120	Peak

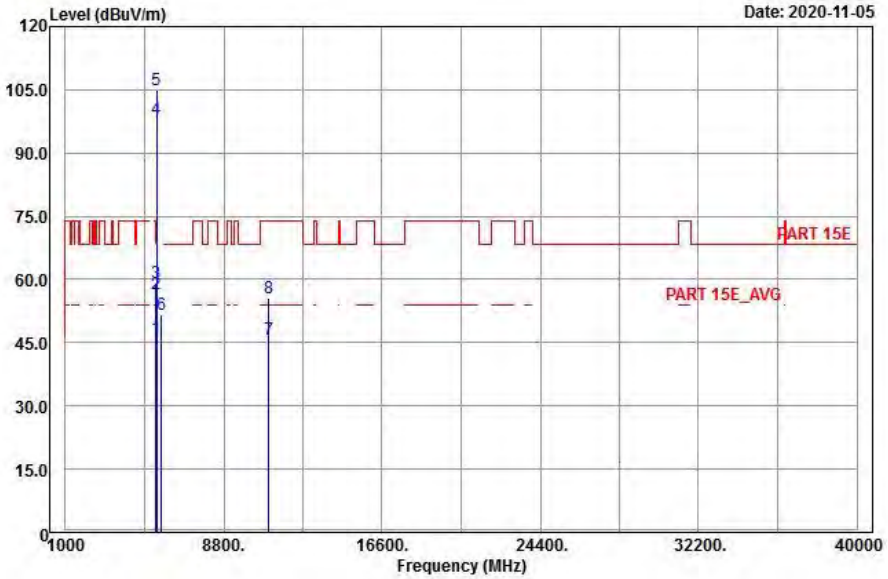
Remarks:

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

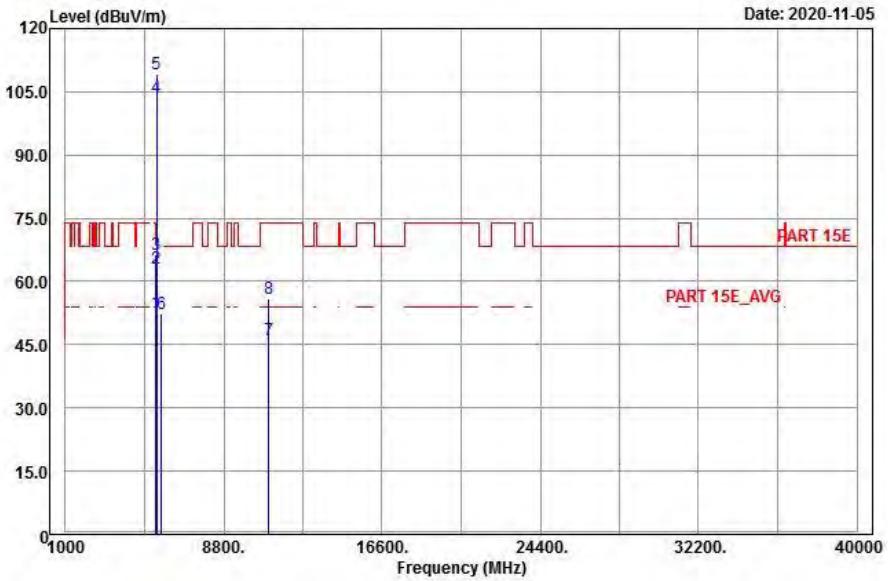
Channel 62	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



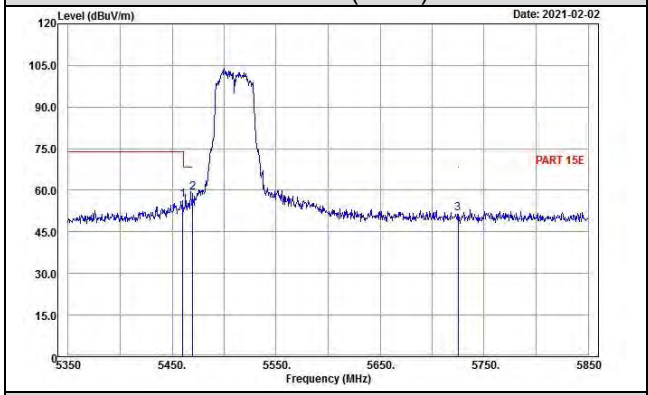
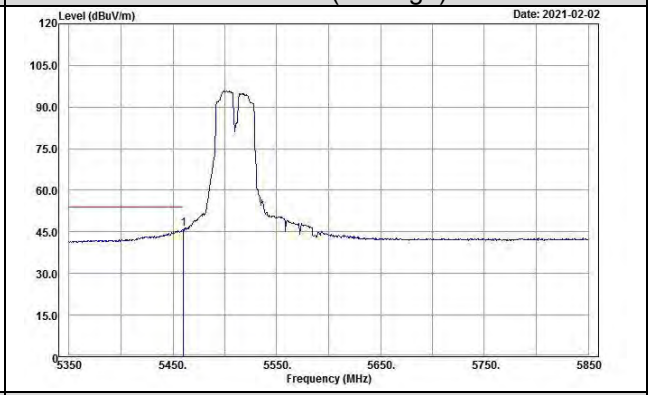
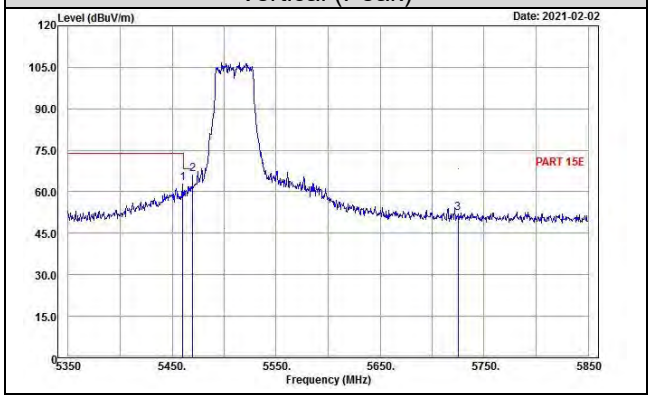
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46	35.49	10.51	54	-8	162	14	Average
5460	56.61	46.1	10.51	74	-17.39	162	14	Peak
*5470	59.3	48.77	10.53	68.2	-8.9	162	14	Peak
5510	98.16	87.56	10.6			127	14	Average
5510	105	94.4	10.6			127	14	Peak
*5725	51.69	40.77	10.92	68.2	-16.51	127	14	Peak
11020	45.78	29.62	16.16	54	-8.22	138	225	Average
11020	55.54	39.38	16.16	74	-18.46	138	225	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.5	41.99	10.51	54	-1.5	227	114	Average
5460	63.01	52.5	10.51	74	-10.99	227	114	Peak
*5470	66.32	55.79	10.53	68.2	-1.88	227	114	Peak
5510	103.79	93.19	10.6			232	19	Average
5510	109.29	98.69	10.6			232	19	Peak
*5725	52.42	41.5	10.92	68.2	-15.78	232	19	Peak
11020	46.17	30.01	16.16	54	-7.83	127	168	Average
11020	55.86	39.7	16.16	74	-18.14	127	168	Peak

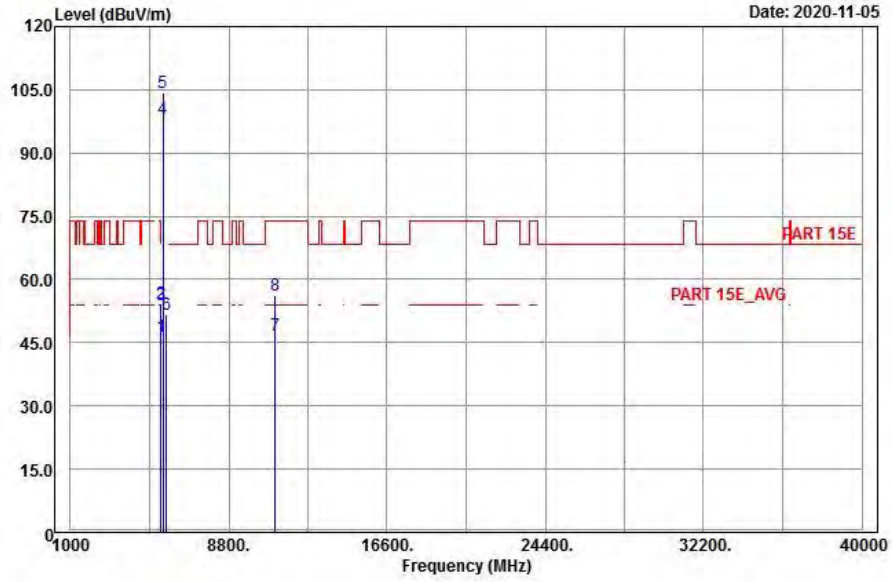
Remarks:

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

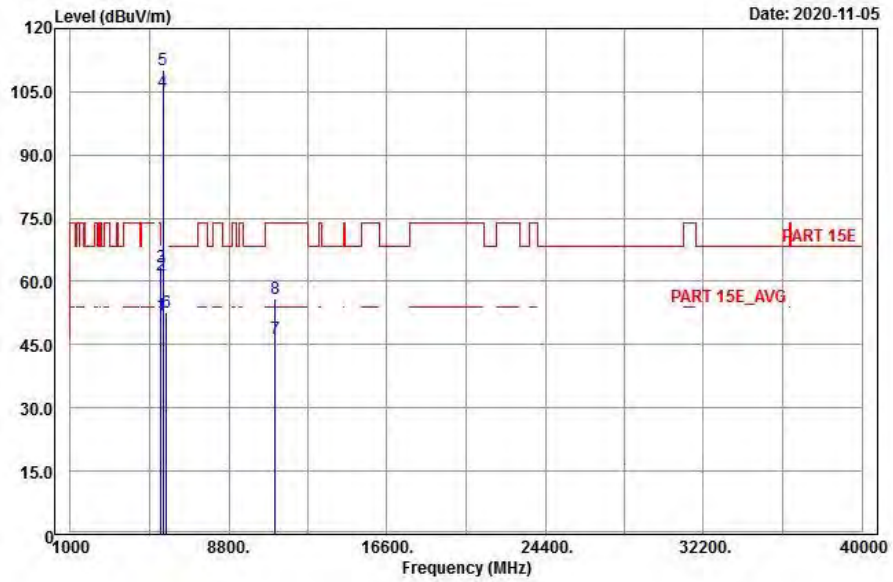
Channel 102	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



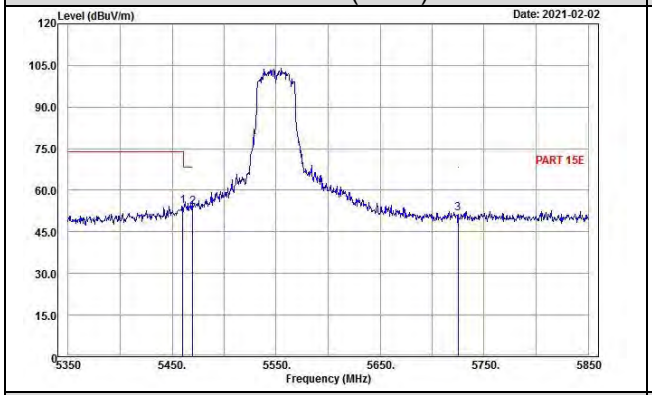
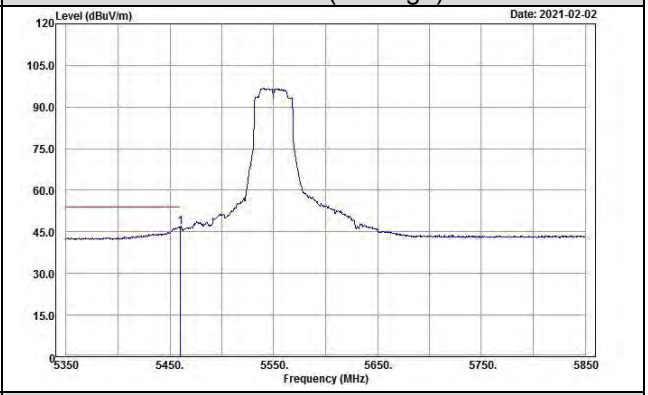
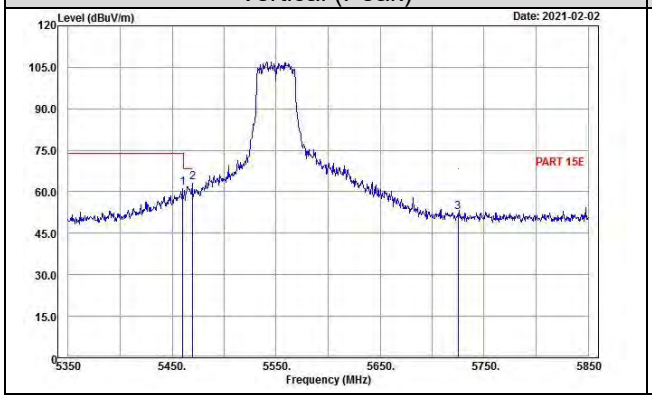
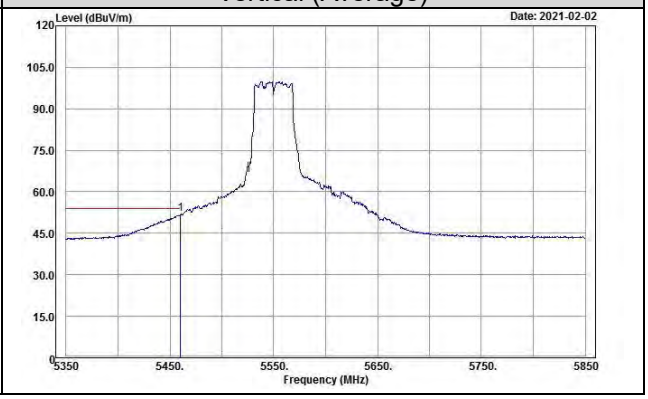
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46.4	35.89	10.51	54	-7.6	135	6	Average
5460	54.43	43.92	10.51	74	-19.57	135	6	Peak
*5470	53.89	43.36	10.53	68.2	-14.31	135	6	Peak
5550	98.1	87.42	10.68			127	14	Average
5550	104.38	93.7	10.68			127	14	Peak
*5725	51.56	40.64	10.92	68.2	-16.64	127	14	Peak
11100	46.69	30.42	16.27	54	-7.31	185	347	Average
11100	56.23	39.96	16.27	74	-17.77	185	347	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.13	41.62	10.51	54	-1.87	208	17	Average
5460	61.31	50.8	10.51	74	-12.69	208	17	Peak
*5470	63.28	52.75	10.53	68.2	-4.92	208	17	Peak
5550	104.91	94.23	10.68			219	19	Average
5550	110.21	99.53	10.68			219	19	Peak
*5725	52.6	41.68	10.92	68.2	-15.6	219	19	Peak
11100	46.27	30	16.27	54	-7.73	169	143	Average
11100	55.82	39.55	16.27	74	-18.18	169	143	Peak

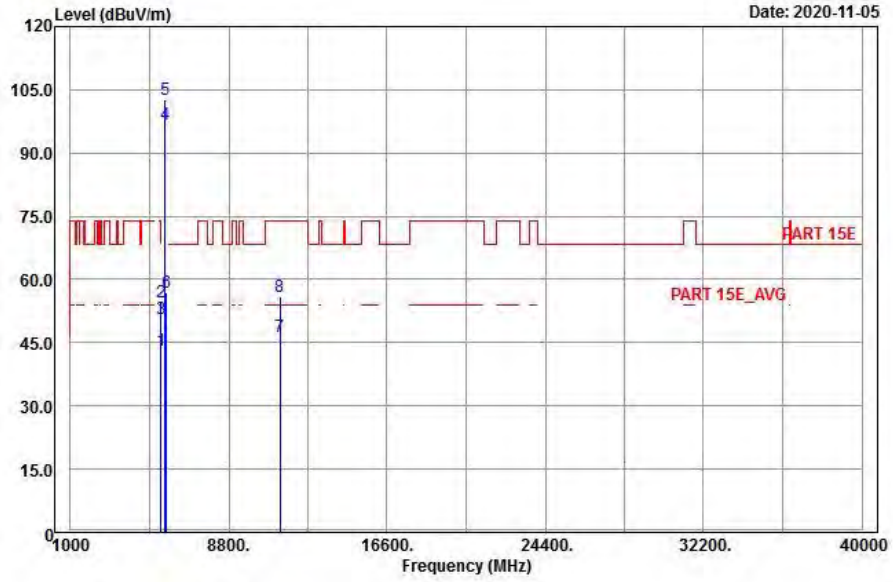
Remarks:

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.

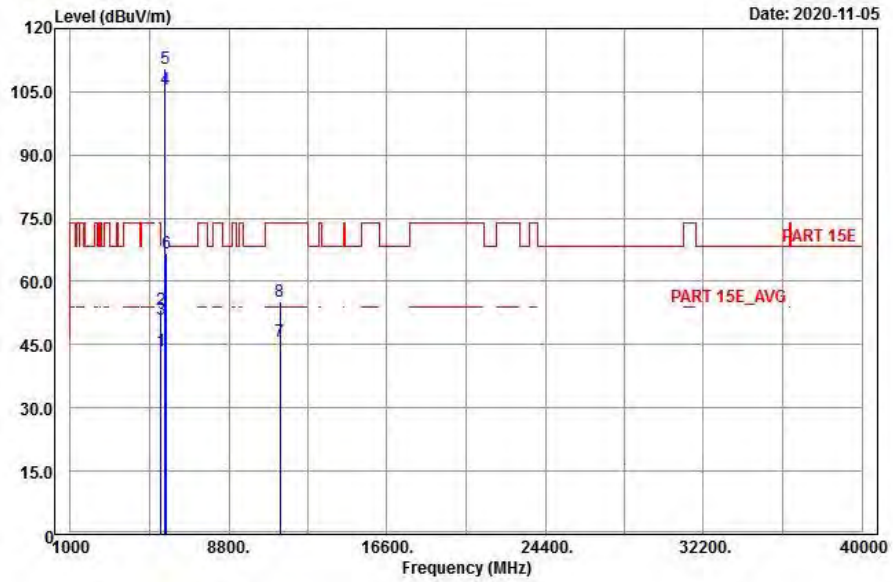
Channel 110	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



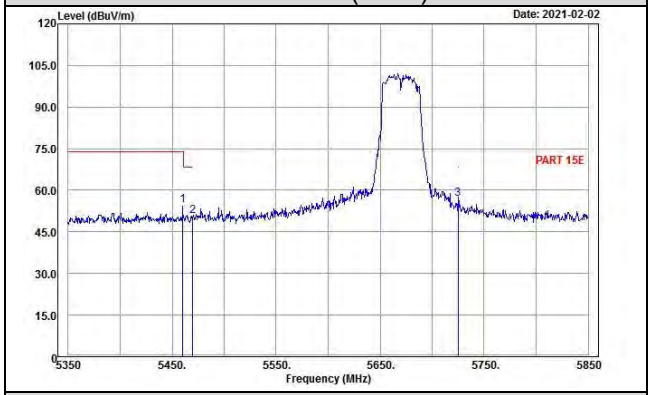
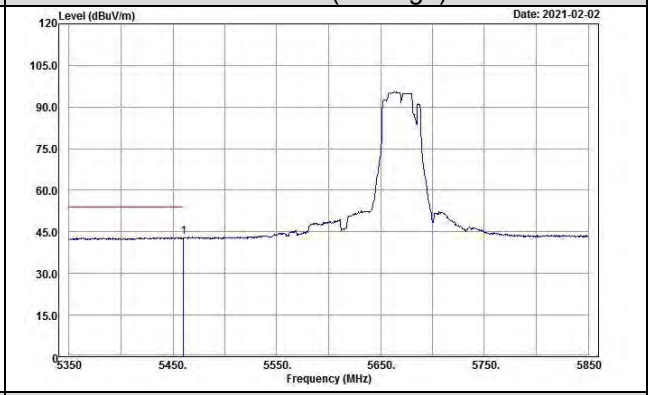
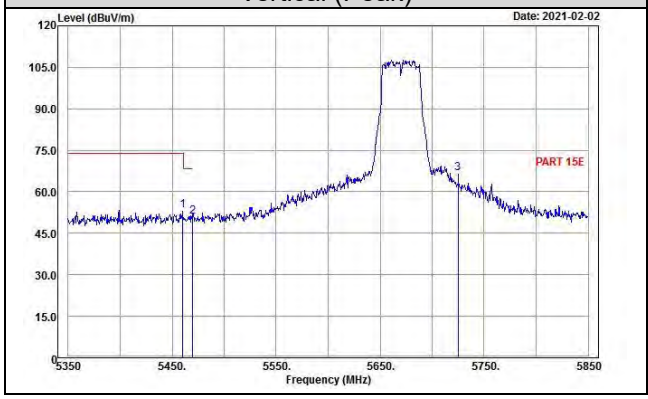
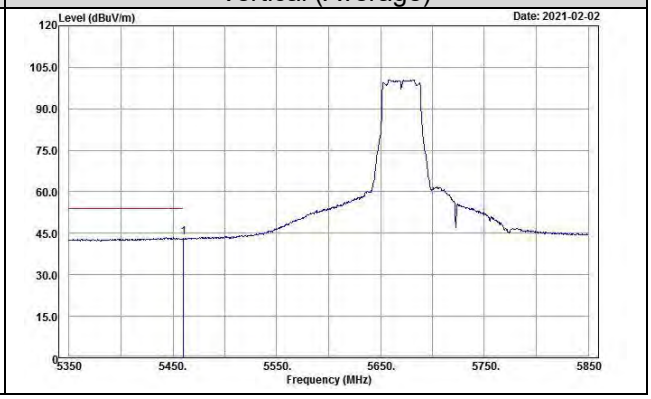
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.06	32.55	10.51	54	-10.94	127	14	Average
5460	54.68	44.17	10.51	74	-19.32	127	14	Peak
*5470	50.64	40.11	10.53	68.2	-17.56	127	14	Peak
5670	96.66	85.76	10.9			127	14	Average
5670	102.74	91.84	10.9			127	14	Peak
*5725	57.03	46.11	10.92	68.2	-11.17	127	14	Peak
11340	46.31	29.89	16.42	54	-7.69	159	273	Average
11340	55.96	39.54	16.42	74	-18.04	159	273	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	43.47	32.96	10.51	54	-10.53	230	37	Average
5460	53.37	42.86	10.51	74	-20.63	230	37	Peak
*5470	51.02	40.49	10.53	68.2	-17.18	230	37	Peak
5670	105.73	94.83	10.9			230	37	Average
5670	110.57	99.67	10.9			230	37	Peak
*5725	66.69	55.77	10.92	68.2	-1.51	245	86	Peak
11340	45.67	29.25	16.42	54	-8.33	148	72	Average
11340	55.38	38.96	16.42	74	-18.62	148	72	Peak

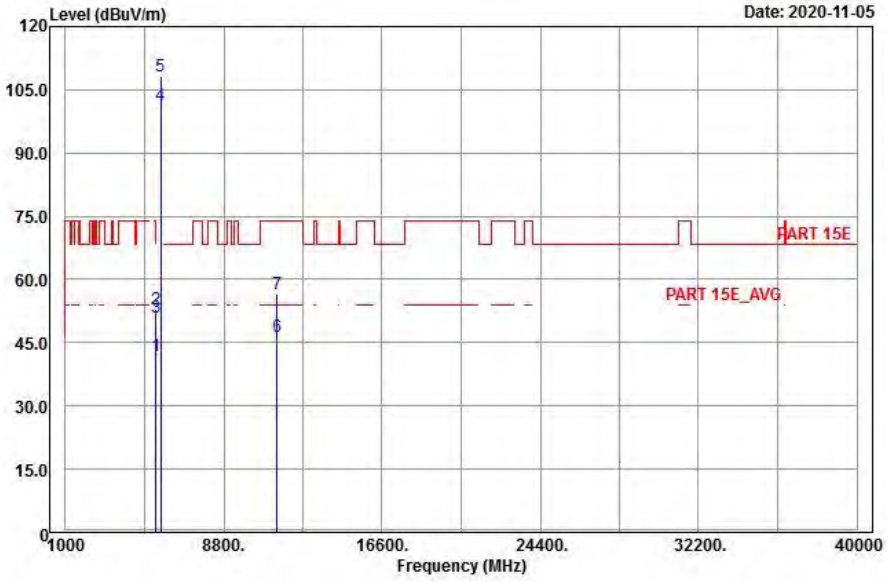
Remarks:

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

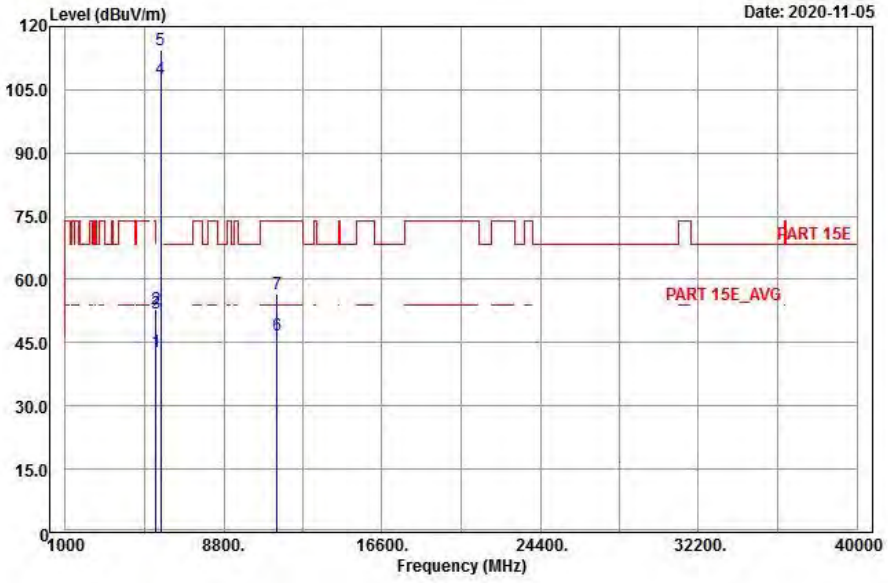
Channel 134	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



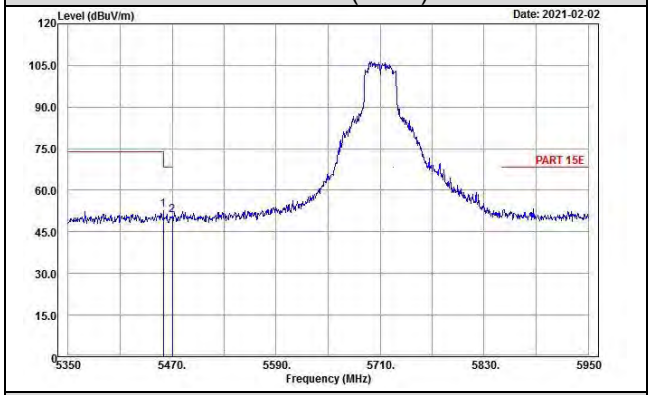
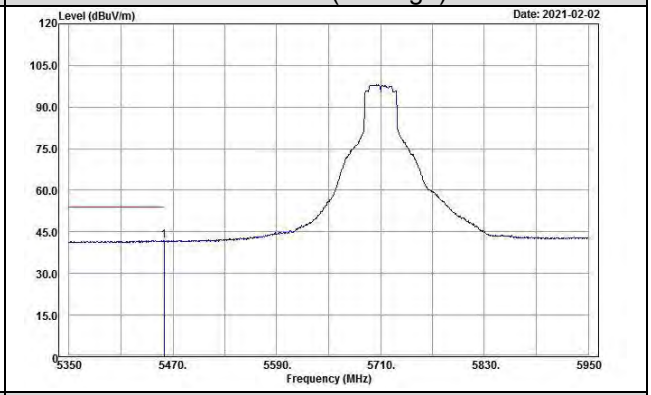
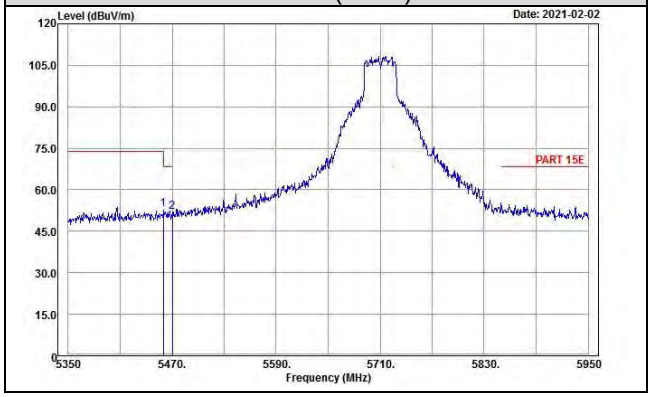
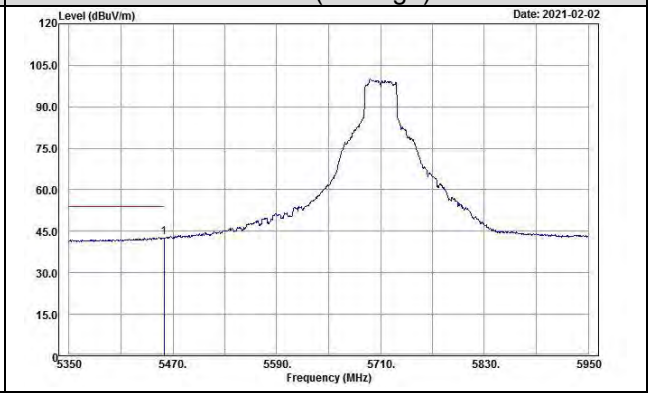
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	41.94	31.43	10.51	54	-12.06	119	28	Average
5460	52.69	42.18	10.51	74	-21.31	119	28	Peak
*5470	51.1	40.57	10.53	68.2	-17.1	119	28	Peak
5710	101.1	90.19	10.91			119	28	Average
5710	108.7	97.79	10.91			119	28	Peak
11420	46.77	30.51	16.26	54	-7.23	193	208	Average
11420	56.55	40.29	16.26	74	-17.45	193	208	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	42.75	32.24	10.51	54	-11.25	211	19	Average
5460	52.54	42.03	10.51	74	-21.46	211	19	Peak
*5470	52.16	41.63	10.53	68.2	-16.04	211	19	Peak
5710	107.56	96.65	10.91			211	19	Average
5710	114.69	103.78	10.91			211	19	Peak
11420	46.29	30.03	16.26	54	-7.71	161	129	Average
11420	55.84	39.58	16.26	74	-18.16	161	129	Peak

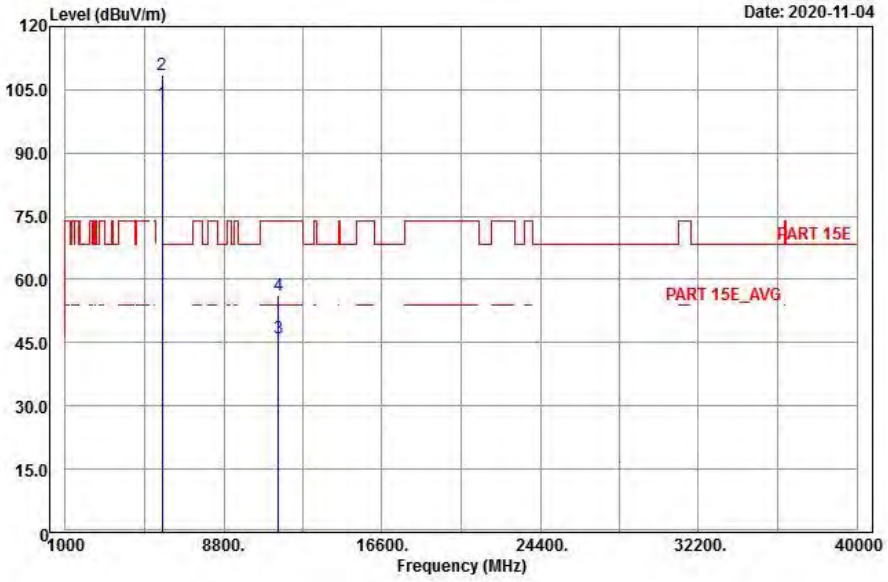
Remarks:

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.

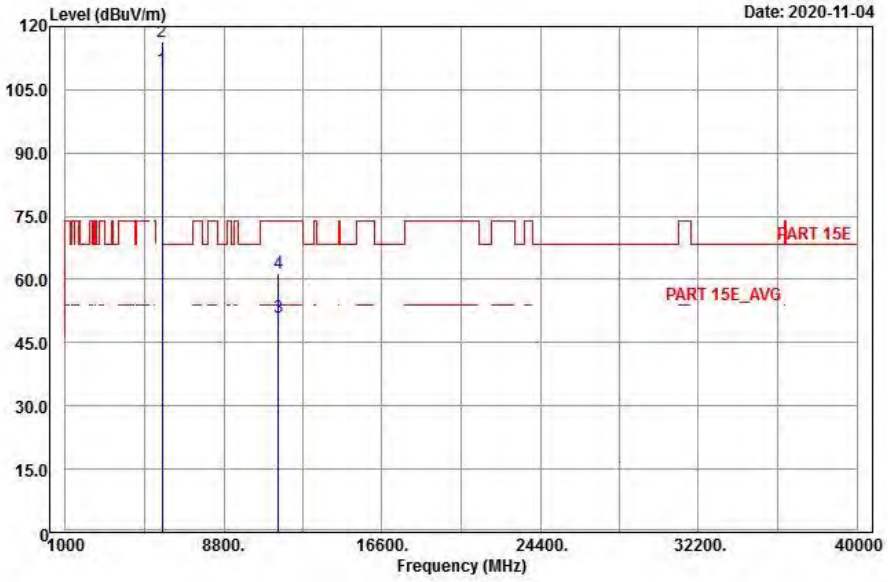
Channel 142	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

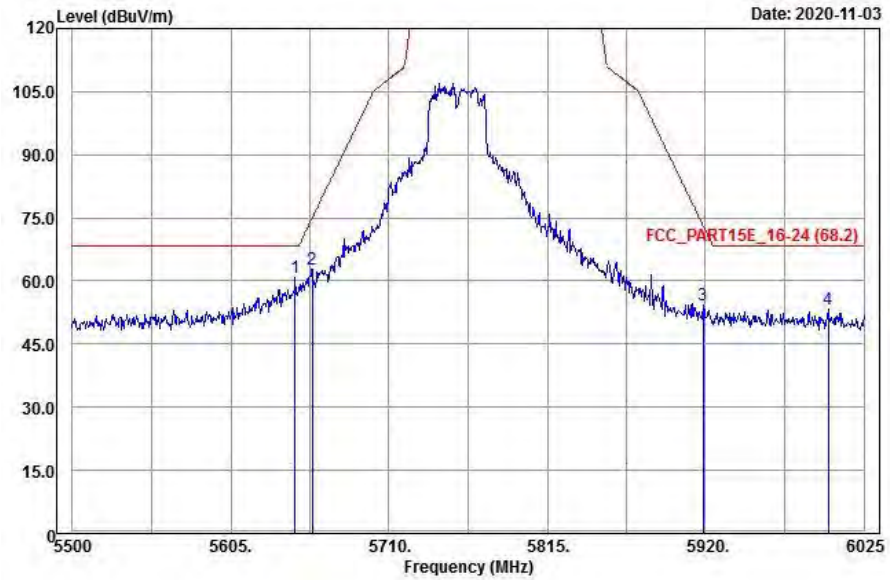
<Spurious Emission>
Horizontal



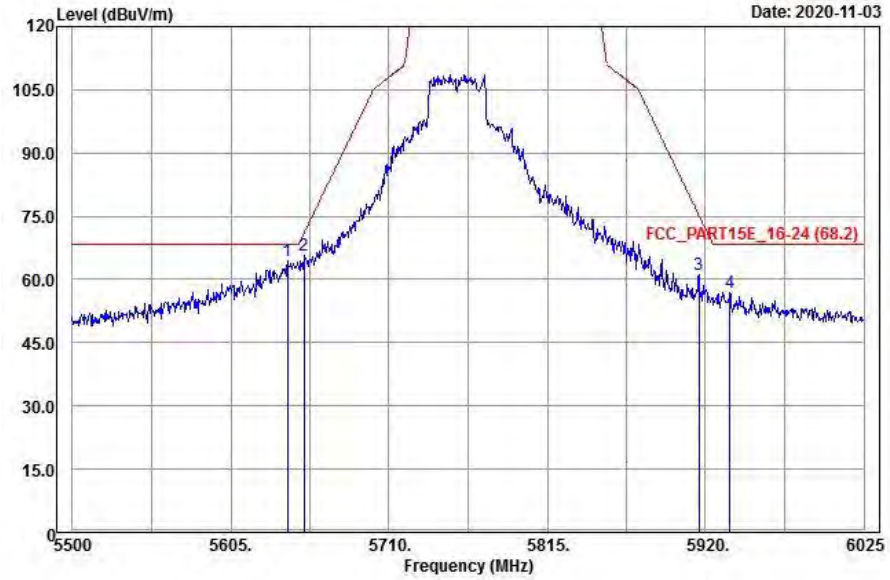
Vertical



<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	101.56	90.66	10.9			110	28	Average
5755	108.66	97.76	10.9			110	28	Peak
11510	46.19	29.68	16.51	54	-7.81	175	207	Average
11510	56.29	39.78	16.51	74	-17.71	175	207	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	109.72	98.82	10.9			239	37	Average
5755	116.25	105.35	10.9			239	37	Peak
11510	50.96	34.45	16.51	54	-3.04	202	61	Average
11510	61.38	44.87	16.51	74	-12.62	202	61	Peak

<Out of Band Emission (OOBE)>

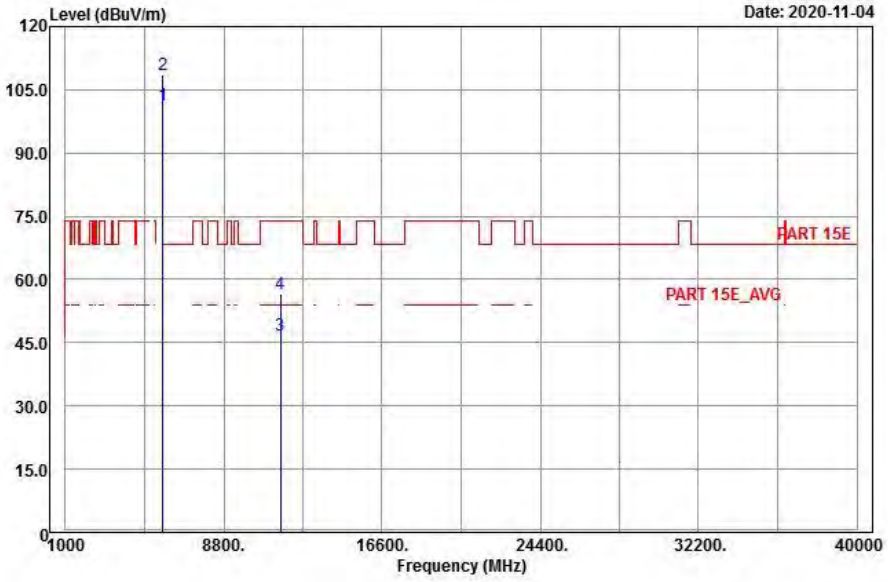
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5647.525	60.9	50.05	10.85	68.2	-7.3	110	28	Peak
5659.075	62.83	51.96	10.87	74.92	-12.09	110	28	Peak
5918.425	54.37	43.28	11.09	73.07	-18.7	110	28	Peak
*6001.375	53.43	42.1	11.33	68.2	-14.77	110	28	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
*5642.8	64.37	53.54	10.83	68.2	-3.83	239	37	Peak
5653.825	65.62	54.75	10.87	71.03	-5.41	239	37	Peak
5915.8	61.04	49.95	11.09	75.01	-13.97	239	37	Peak
*5936.275	57	45.84	11.16	68.2	-11.2	239	37	Peak

Remarks:

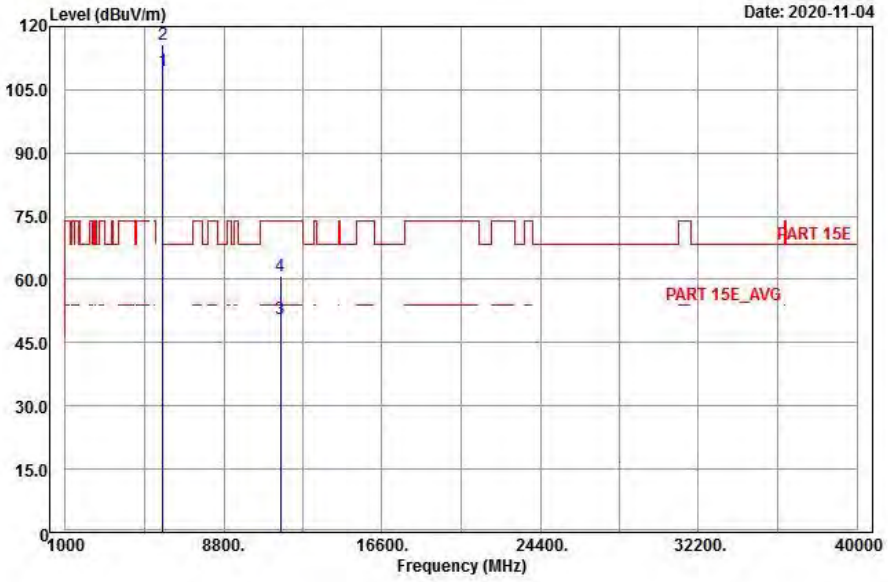
1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
   Margin Value = Emission Level – Limit value
2. 5755 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

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

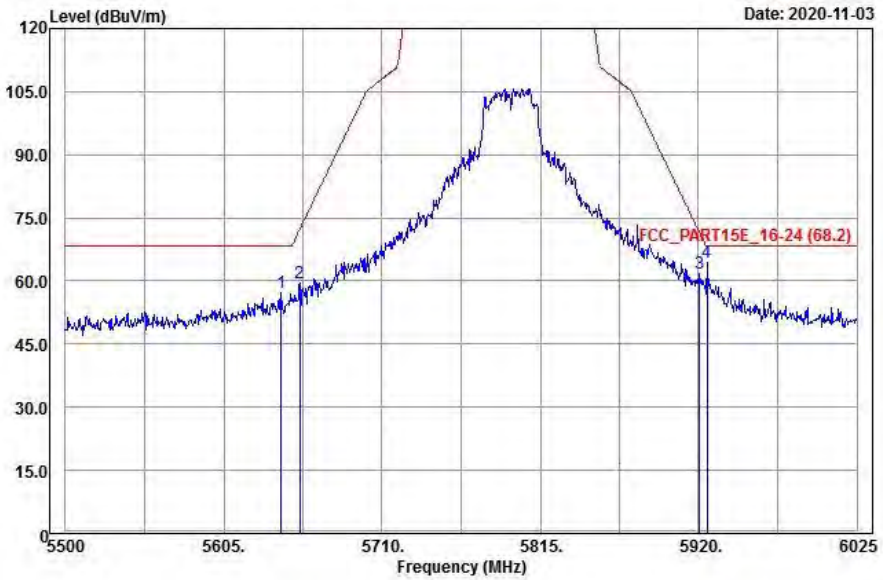
<Spurious Emission>
Horizontal



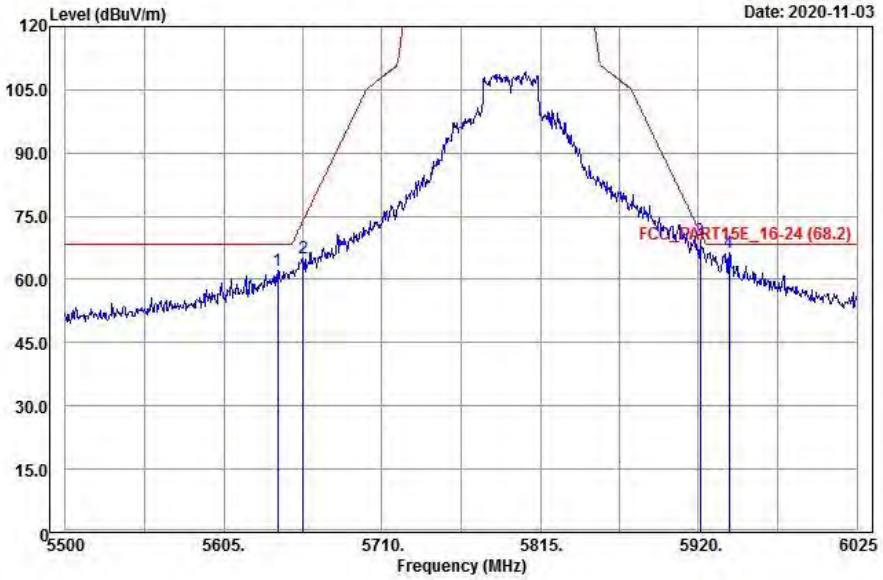
Vertical



<Out of Band Emission (OOBE)>
Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5795	101.49	90.67	10.82			132	28	Average
5795	108.66	97.84	10.82			132	28	Peak
11590	46.72	30.21	16.51	54	-7.28	154	206	Average
11590	56.59	40.08	16.51	74	-17.41	154	206	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	109.65	98.83	10.82			239	37	Average
5795	115.63	104.81	10.82			239	37	Peak
11590	50.84	34.33	16.51	54	-3.16	210	63	Average
11590	60.76	44.25	16.51	74	-13.24	210	63	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
*5643.325	57.14	46.31	10.83	68.2	-11.06	132	28	Peak
5655.4	59.58	48.71	10.87	72.2	-12.62	132	28	Peak
5920.525	61.89	50.8	11.09	71.51	-9.62	132	28	Peak
*5925.775	64.39	53.28	11.11	68.2	-3.81	132	28	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5640.7	61.99	51.16	10.83	68.2	-6.21	239	37	Peak
5657.5	65.07	54.2	10.87	73.75	-8.68	239	37	Peak
5921.05	69.29	58.2	11.09	71.12	-1.83	239	37	Peak
*5940.475	66.41	55.23	11.18	68.2	-1.79	239	37	Peak

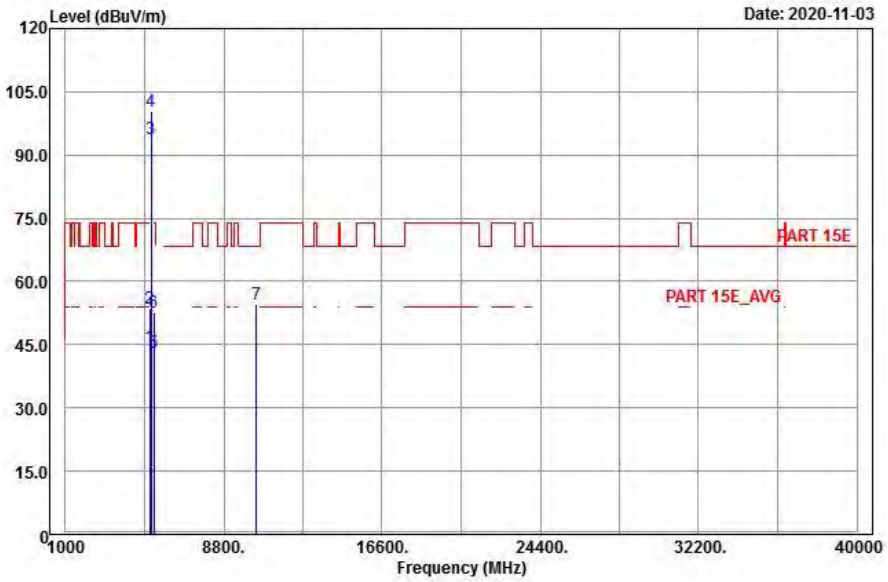
Remarks:

1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
   Margin Value = Emission Level – Limit value
2. 5795 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

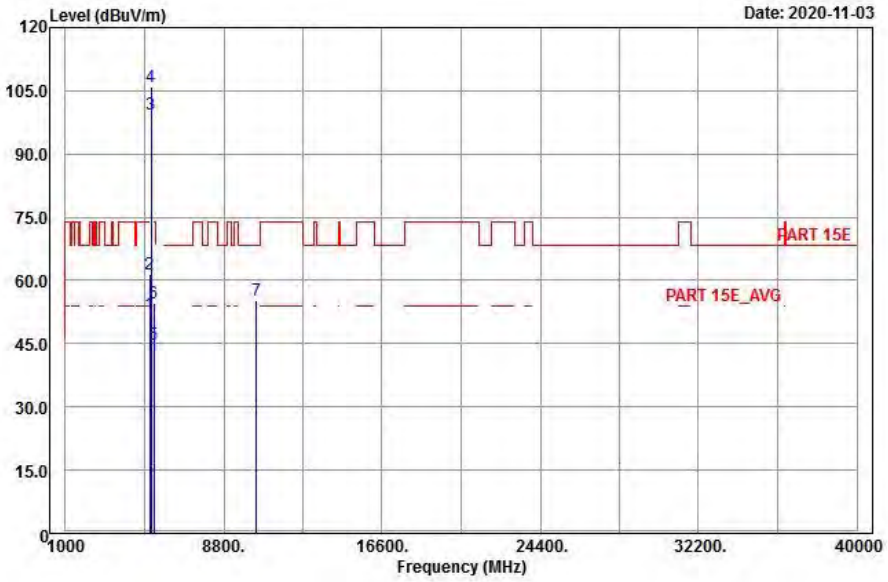
802.11ac (VHT80)

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

Horizontal



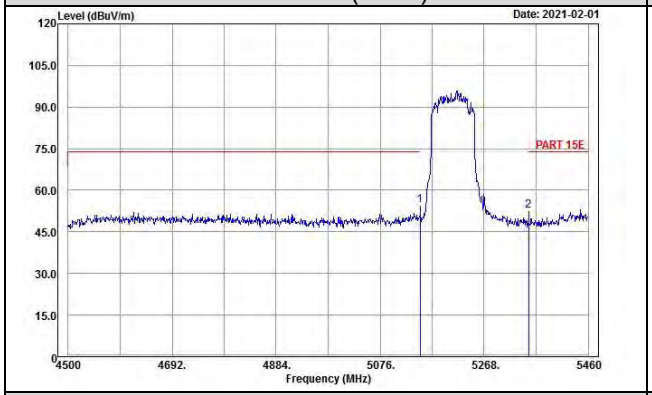
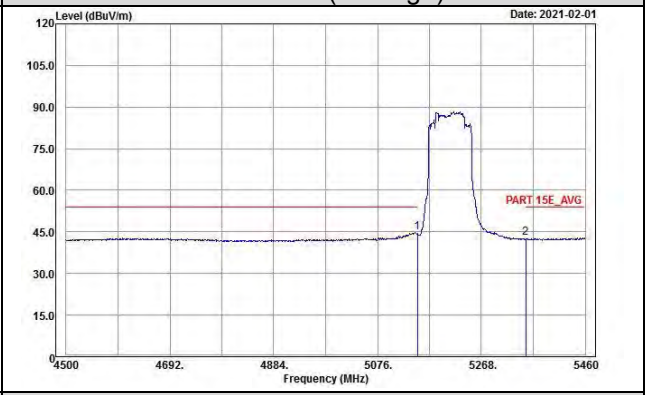
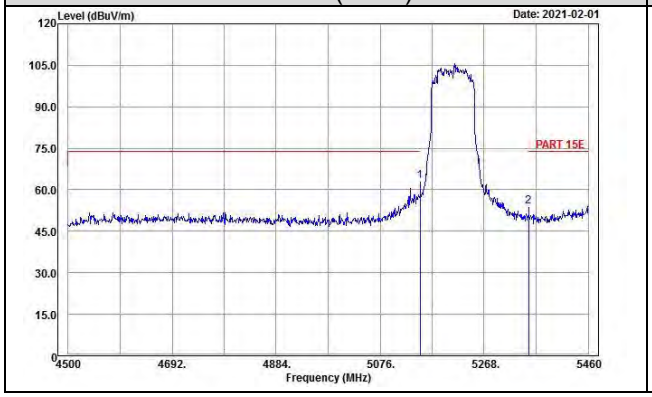
Vertical



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	44.52	34.47	10.05	54	-9.48	195	16	Average
5150	53.53	43.48	10.05	74	-20.47	195	16	Peak
5210	93.81	83.64	10.17			192	21	Average
5210	100.32	90.15	10.17			192	21	Peak
5350	43.12	32.89	10.23	54	-10.88	192	21	Average
5350	52.76	42.53	10.23	74	-21.24	192	21	Peak
*10420	54.51	38.35	16.16	68.2	-13.69	134	2	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	52.14	42.09	10.05	54	-1.86	226	316	Average
5150	61.49	19.73	41.76	74	-12.51	226	316	Peak
5210	99.31	89.14	10.17			223	18	Average
5210	106.05	95.88	10.17			223	18	Peak
5350	44.7	34.47	10.23	54	-9.3	223	18	Average
5350	54.48	44.25	10.23	74	-19.52	223	18	Peak
*10420	55.28	39.12	16.16	68.2	-12.92	103	115	Peak

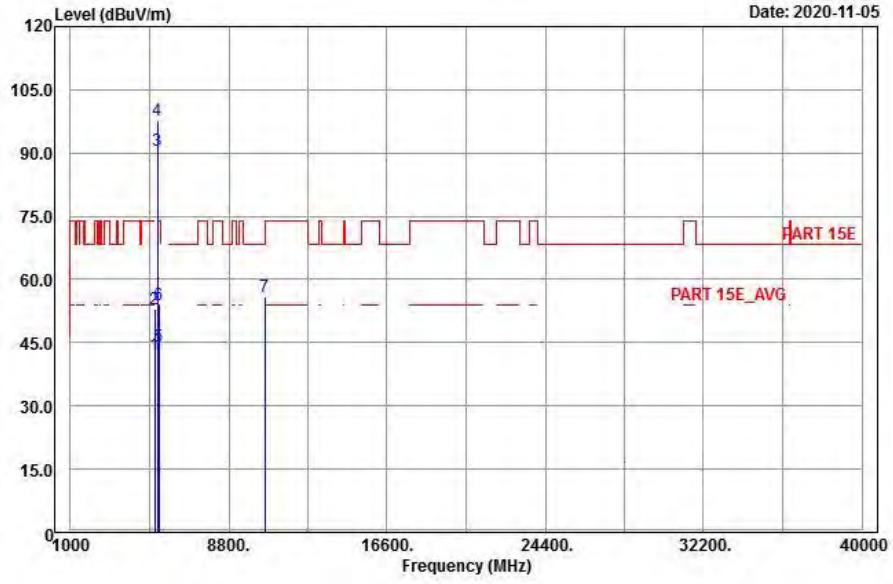
Remarks:

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

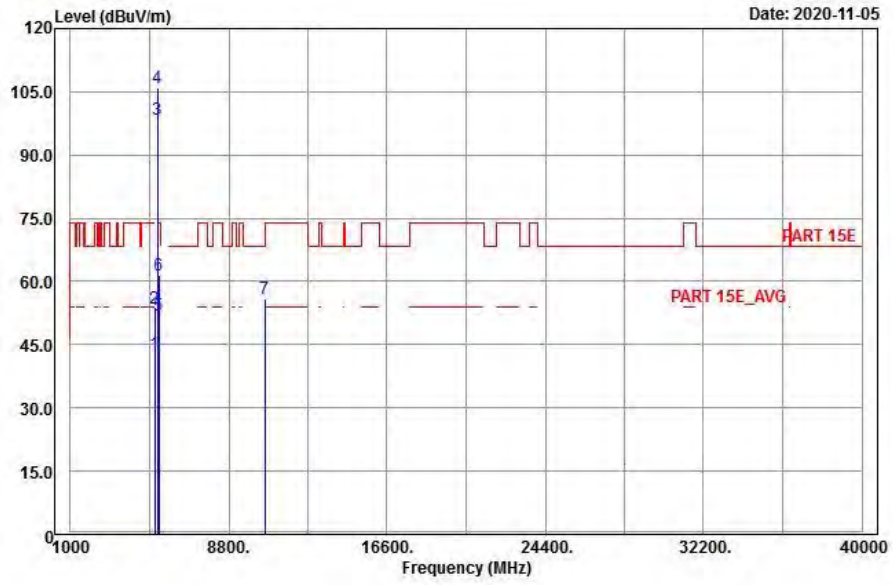
Channel 42	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



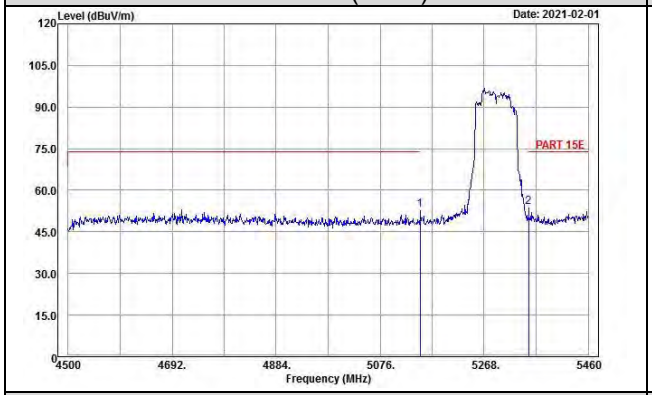
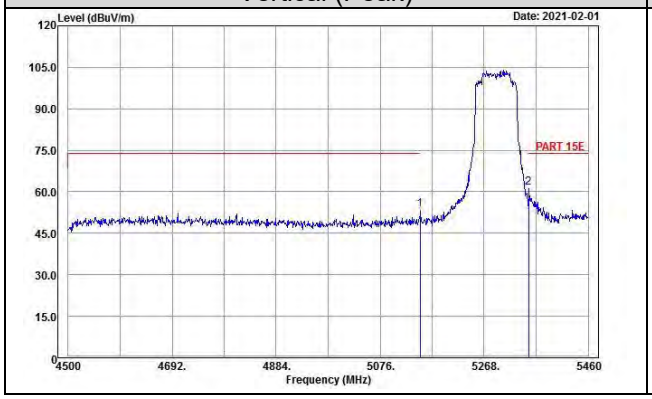
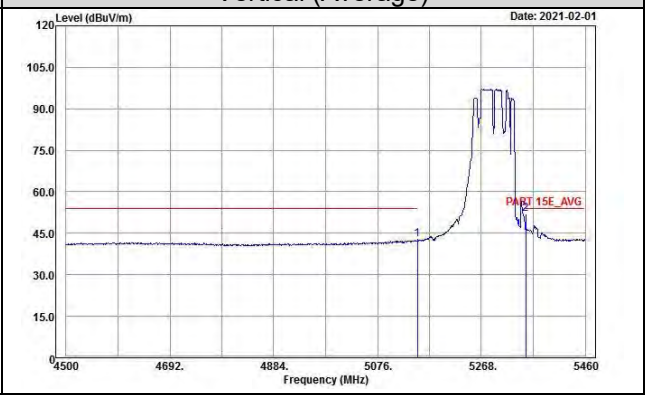
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.07	32.02	10.05	54	-11.93	210	20	Average
5150	53.09	43.04	10.05	74	-20.91	210	20	Peak
5290	90.67	80.57	10.1			210	20	Average
5290	97.7	87.6	10.1			210	20	Peak
5350	44.14	33.91	10.23	54	-9.86	210	20	Average
5350	54.01	43.78	10.23	74	-19.99	210	20	Peak
*10580	55.84	40.13	15.71	68.2	-12.36	161	78	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	42.76	32.71	10.05	54	-11.24	211	19	Average
5150	53.71	43.66	10.05	74	-20.29	211	19	Peak
5290	98.58	88.48	10.1			211	19	Average
5290	105.8	95.7	10.1			211	19	Peak
5350	52.14	41.91	10.23	54	-1.86	229	12	Average
5350	61.42	51.19	10.23	74	-12.58	229	12	Peak
*10580	55.75	40.04	15.71	68.2	-12.45	171	206	Peak

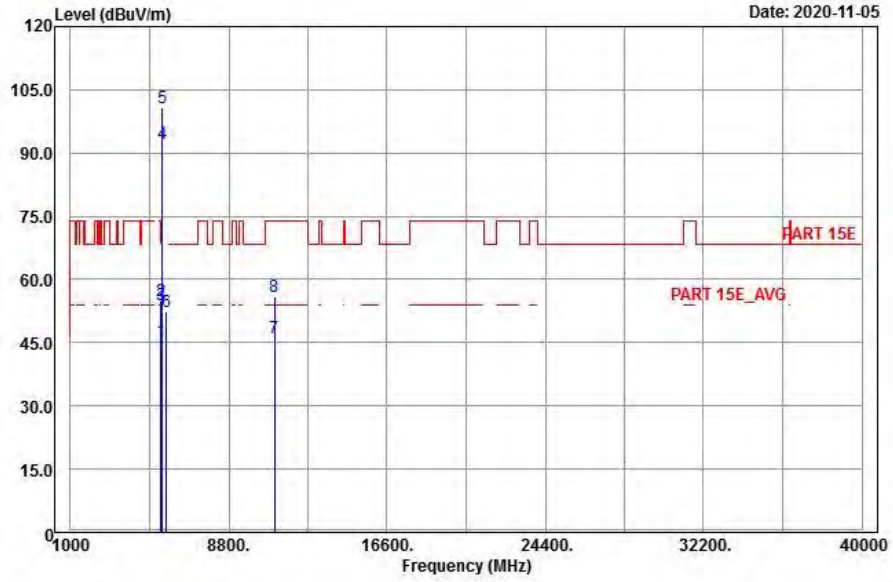
Remarks:

1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5290 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

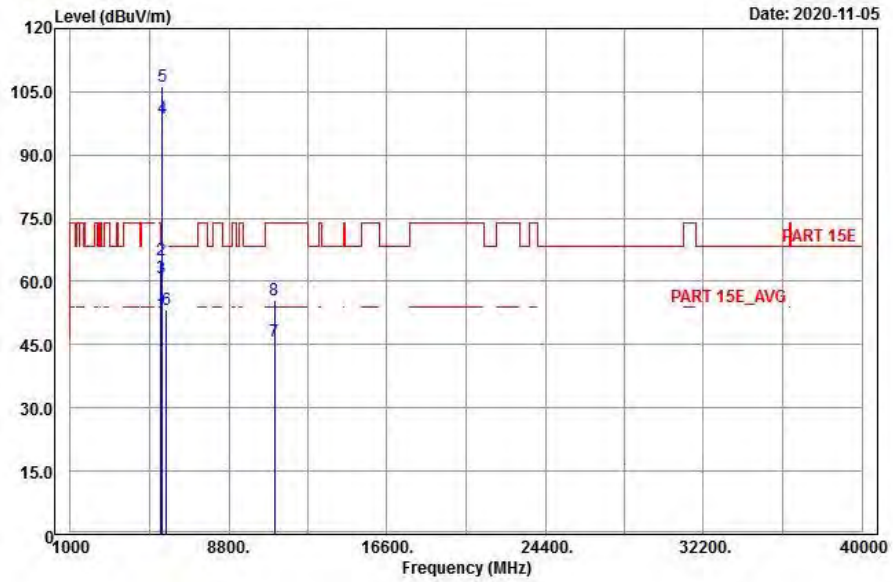
Channel 58	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



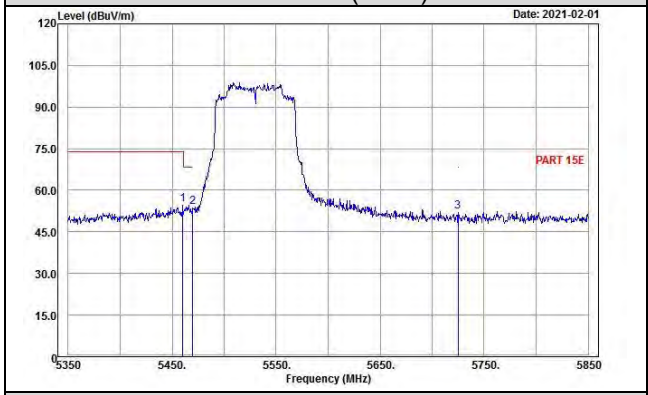
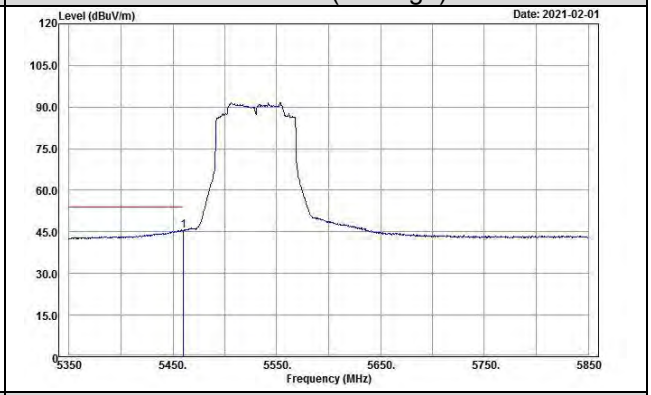
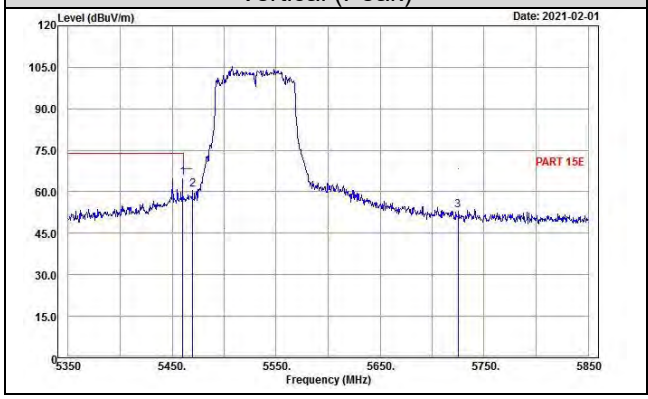
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	45.56	35.05	10.51	54	-8.44	130	35	Average
5460	54.86	44.35	10.51	74	-19.14	130	35	Peak
*5470	54.01	43.48	10.53	68.2	-14.19	130	35	Peak
5530	92.16	81.53	10.63			127	14	Average
5530	100.55	89.92	10.63			127	14	Peak
*5725	52.31	41.39	10.92	68.2	-15.89	127	14	Peak
11060	46.25	30.02	16.23	54	-7.75	165	139	Average
11060	55.84	39.61	16.23	74	-18.16	165	139	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.31	41.8	10.51	54	-1.69	226	125	Average
5460	65.17	54.66	10.51	74	-8.83	226	125	Peak
*5470	60.98	50.45	10.53	68.2	-7.22	226	125	Peak
5530	98.7	88.07	10.63			232	19	Average
5530	106.42	95.79	10.63			232	19	Peak
*5725	53.43	42.51	10.92	68.2	-14.77	232	19	Peak
11060	45.84	29.61	16.23	54	-8.16	112	76	Average
11060	55.43	39.2	16.23	74	-18.57	112	76	Peak

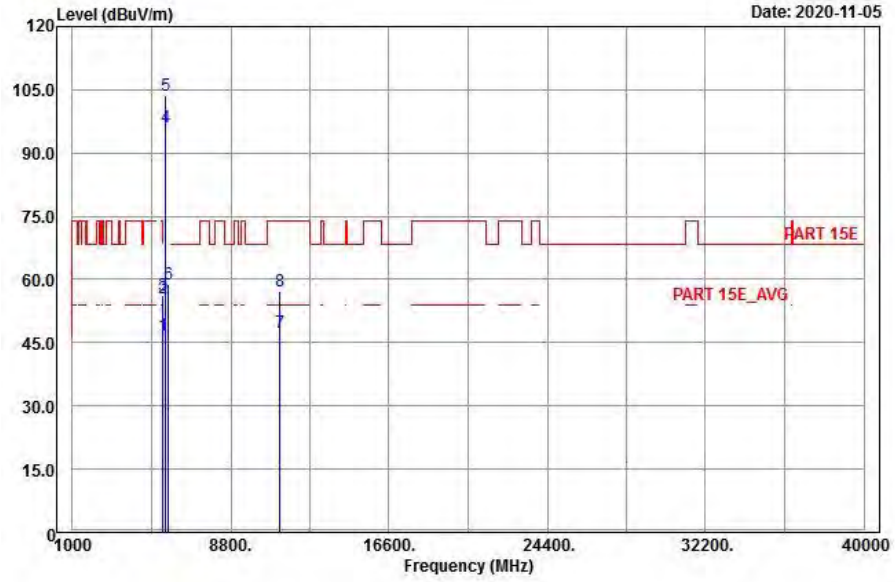
Remarks:

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

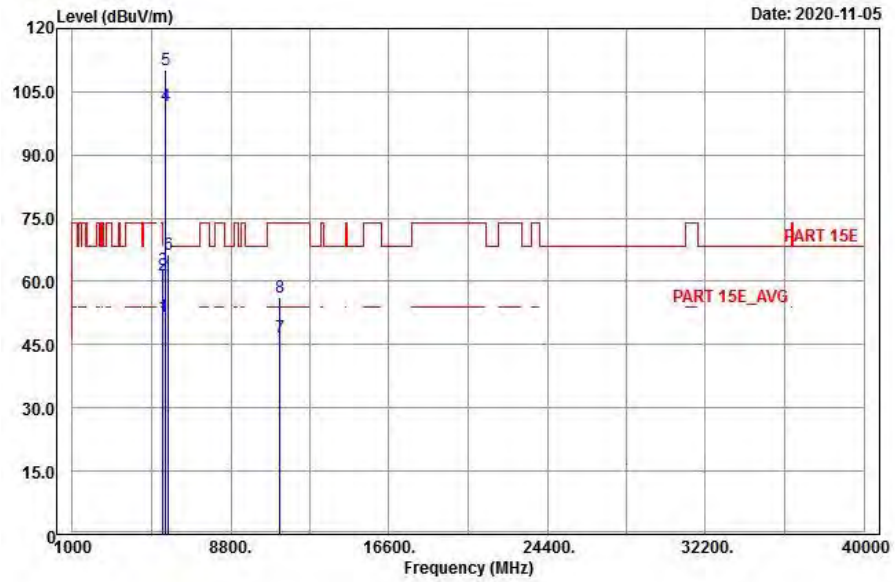
Channel 106	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



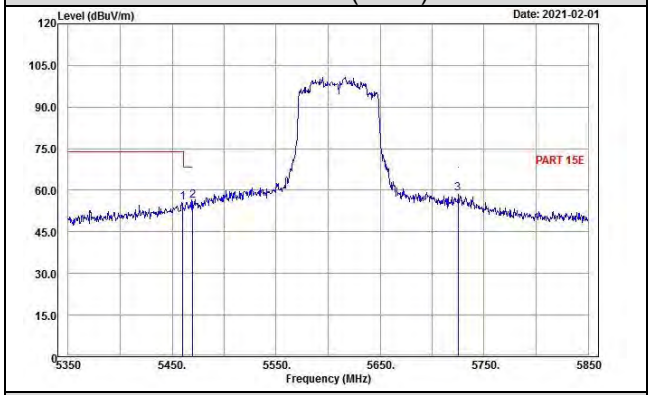
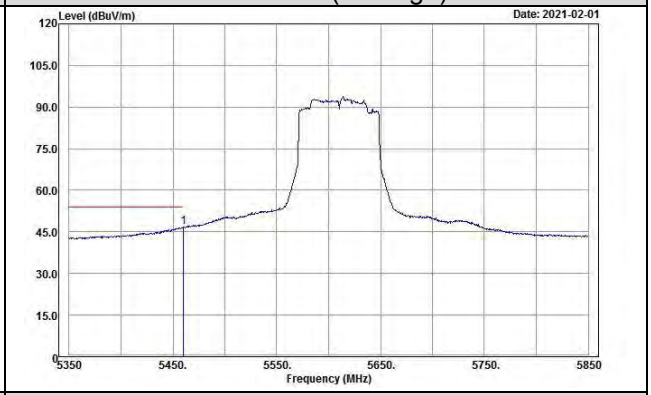
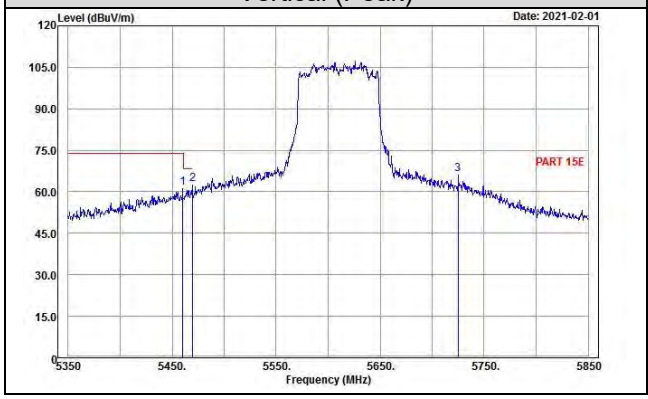
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46.71	36.2	10.51	54	-7.29	131	54	Average
5460	55.44	44.93	10.51	74	-18.56	131	54	Peak
*5470	56.23	45.7	10.53	68.2	-11.97	131	54	Peak
5610	96.14	85.37	10.77			125	14	Average
5610	103.77	93	10.77			125	14	Peak
*5725	58.89	47.97	10.92	68.2	-9.31	128	7	Peak
11220	47.35	30.93	16.42	54	-6.65	184	209	Average
11220	57.29	40.87	16.42	74	-16.71	184	209	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	51.7	41.19	10.51	54	-2.3	213	116	Peak
5460	61.36	19.15	42.21	74	-12.64	213	116	Peak
*5470	62.69	20.46	42.23	68.2	-5.51	213	116	Peak
5610	101.69	90.92	10.77			219	19	Average
5610	110.06	99.29	10.77			219	19	Peak
*5725	66.45	55.53	10.92	68.2	-1.75	230	86	Peak
11220	46.69	30.27	16.42	54	-7.31	148	129	Average
11220	56.22	39.8	16.42	74	-17.78	148	129	Peak

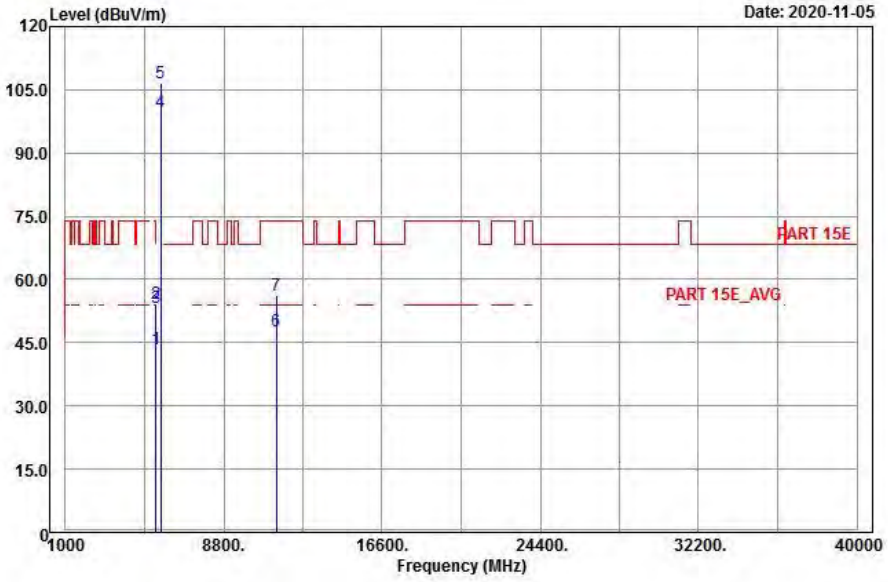
Remarks:

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

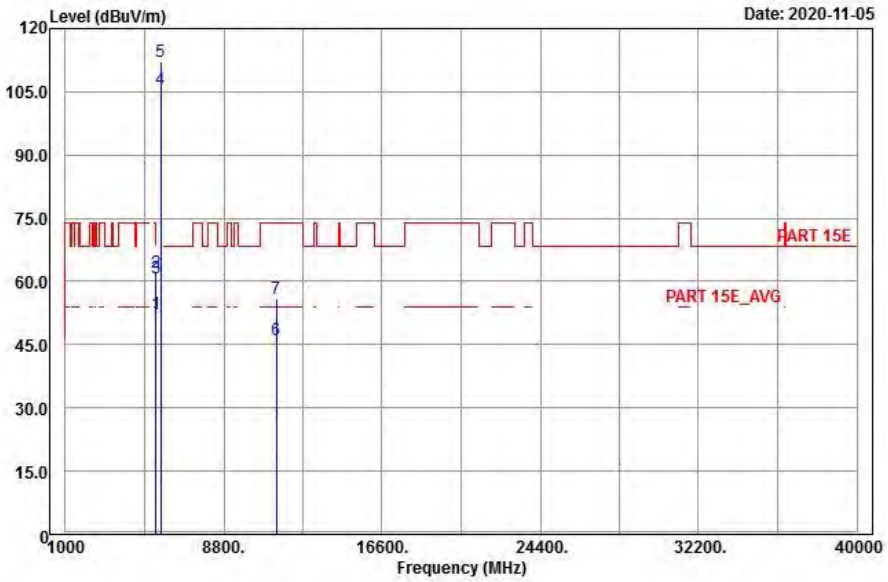
Channel 122	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



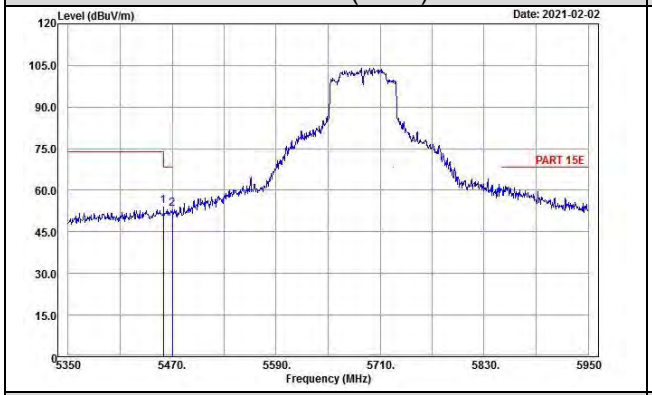
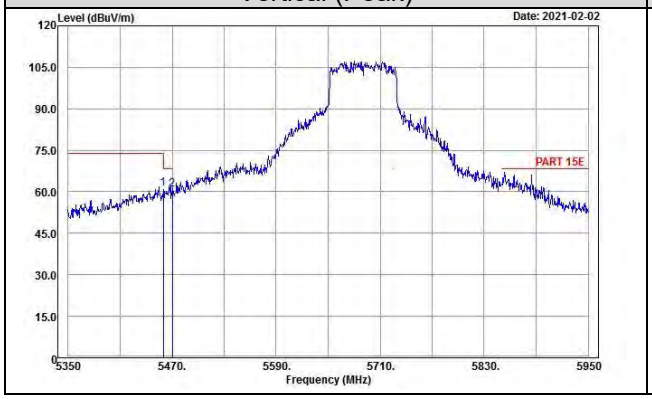
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.52	33.01	10.51	54	-10.48	119	28	Average
5460	54.24	43.73	10.51	74	-19.76	119	28	Peak
*5470	53.22	42.69	10.53	68.2	-14.98	119	28	Peak
5690	99.68	88.75	10.93			119	28	Average
5690	106.45	95.52	10.93			119	28	Peak
11380	47.64	31.37	16.27	54	-6.36	134	176	Average
11380	56.24	39.97	16.27	74	-17.76	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	52.28	41.77	10.51	54	-1.72	225	345	Average
5460	62.12	51.61	10.51	74	-11.88	225	345	Peak
*5470	60.68	50.15	10.53	68.2	-7.52	225	345	Peak
5690	105.64	94.71	10.93			211	19	Average
5690	112.11	101.18	10.93			211	19	Peak
11380	46.18	29.91	16.27	54	-7.82	157	220	Average
11380	56.06	39.79	16.27	74	-17.94	157	220	Peak

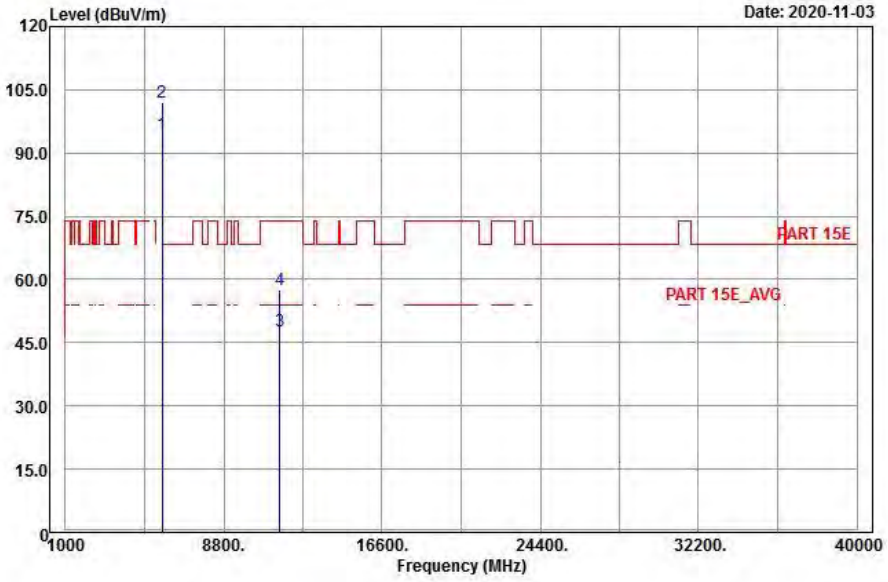
Remarks:

1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5690 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

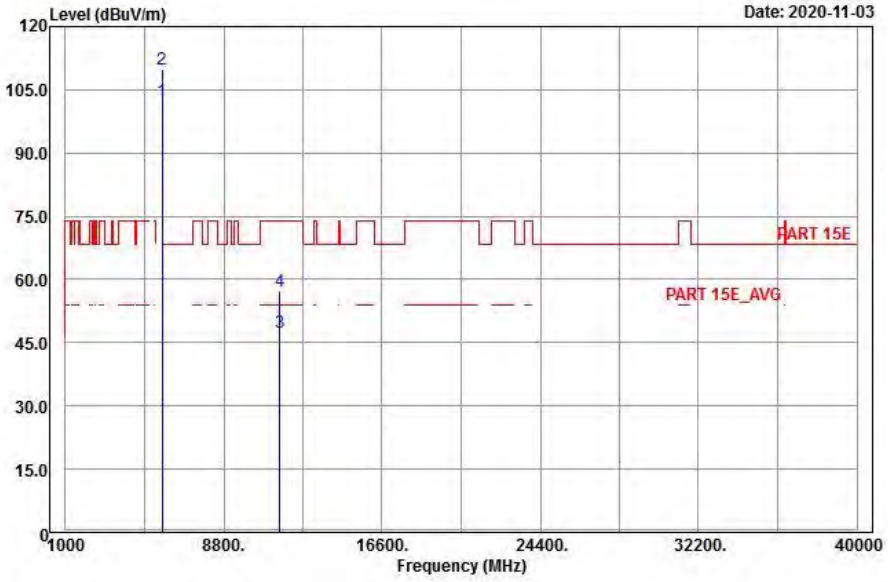
Channel 138	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

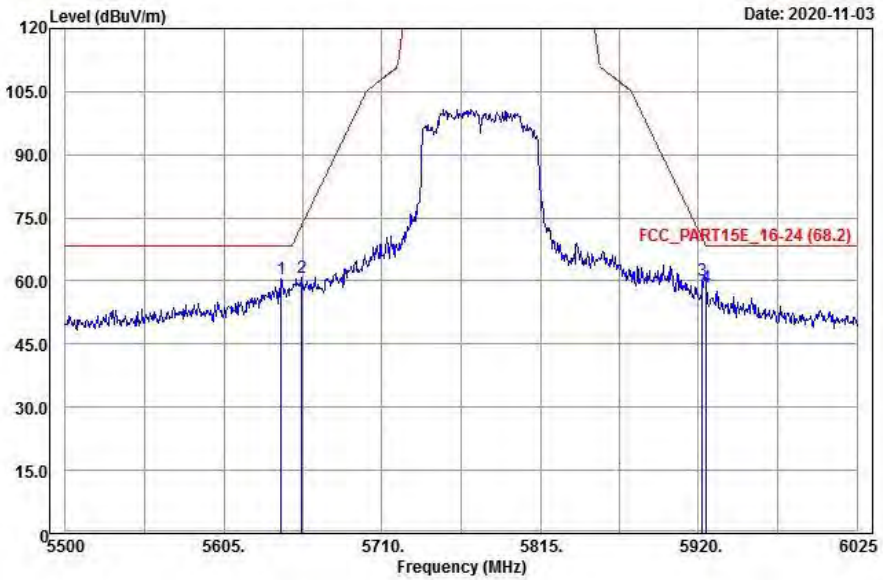
<Spurious Emission>
Horizontal



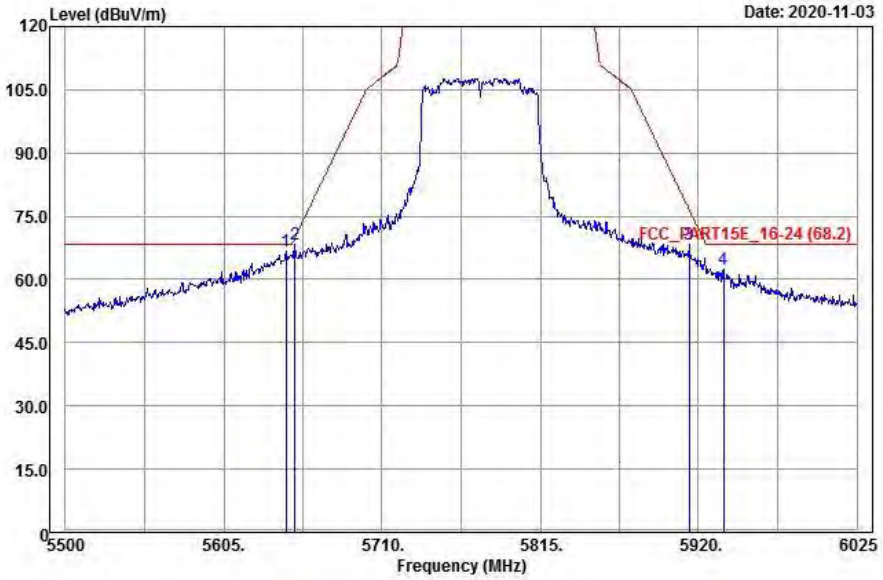
Vertical



<Out of Band Emission (OOBE)>
Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5775	94.57	83.7	10.87			132	28	Average
5775	101.95	91.08	10.87			132	28	Peak
11550	47.84	31.34	16.5	54	-6.16	106	49	Average
11550	57.58	41.08	16.5	74	-16.42	106	49	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5775	102.28	91.41	10.87			232	38	Average
5775	109.97	99.1	10.87			232	38	Peak
11550	47.46	30.96	16.5	54	-6.54	194	135	Average
11550	57.07	40.57	16.5	74	-16.93	194	135	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
*5643.325	60.48	49.65	10.83	68.2	-7.72	132	28	Peak
5656.975	60.81	49.94	10.87	73.36	-12.55	132	28	Peak
5922.625	60.07	48.96	11.11	69.96	-9.89	132	28	Peak
*5925.25	58.44	47.33	11.11	68.2	-9.76	132	28	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
*5646.475	66.63	55.78	10.85	68.2	-1.57	232	38	Peak
5652.25	68.27	57.4	10.87	69.86	-1.59	232	38	Peak
5913.7	68.18	57.11	11.07	76.56	-8.38	232	38	Peak
*5936.8	62.33	51.17	11.16	68.2	-5.87	232	38	Peak

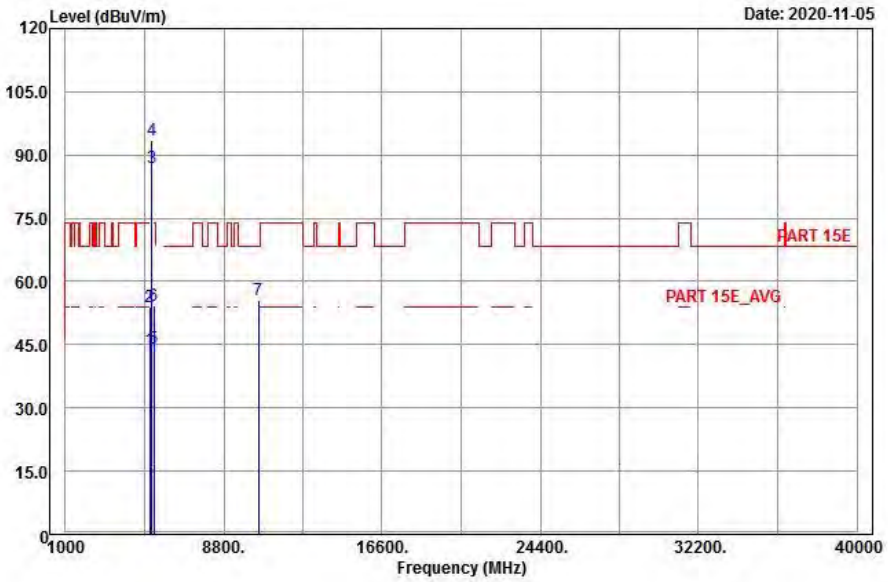
Remarks:

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

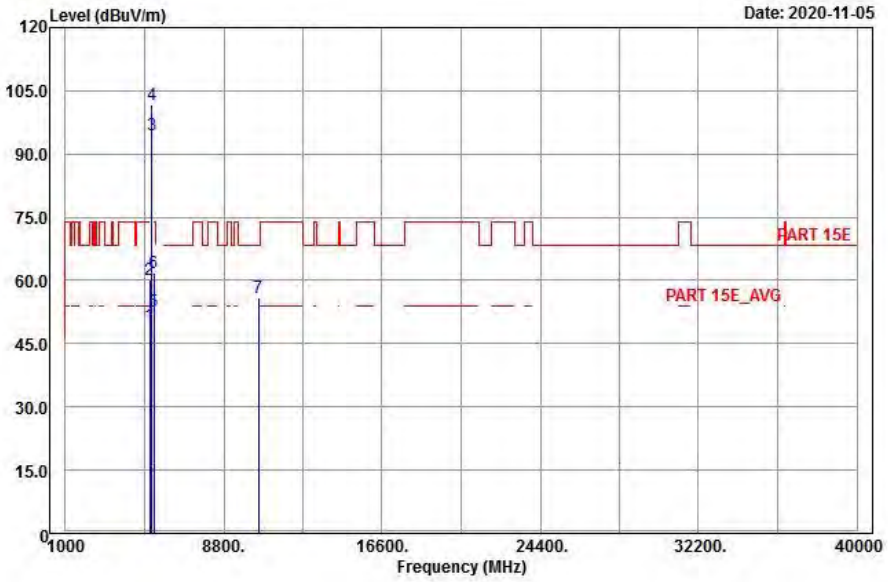
802.11ac (VHT160)

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

Horizontal



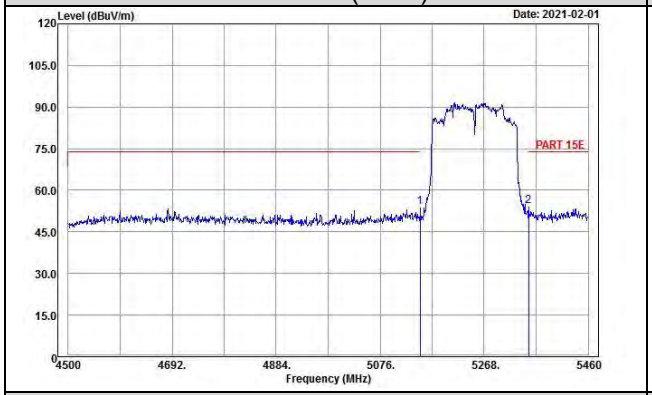
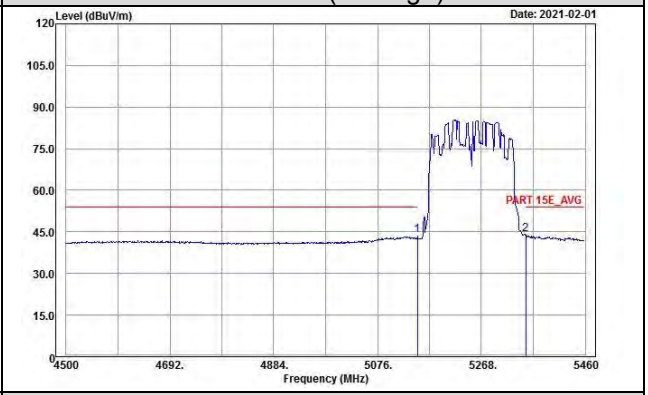
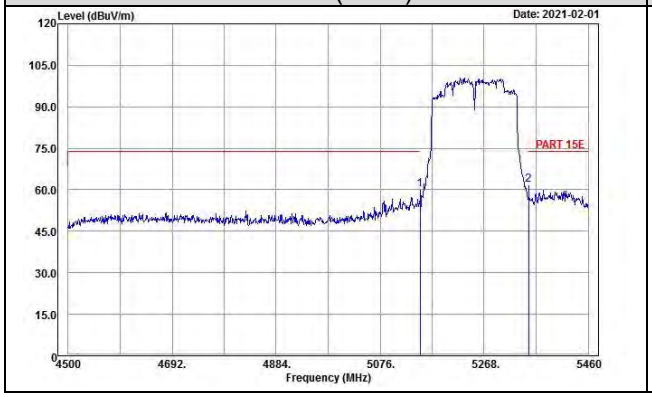
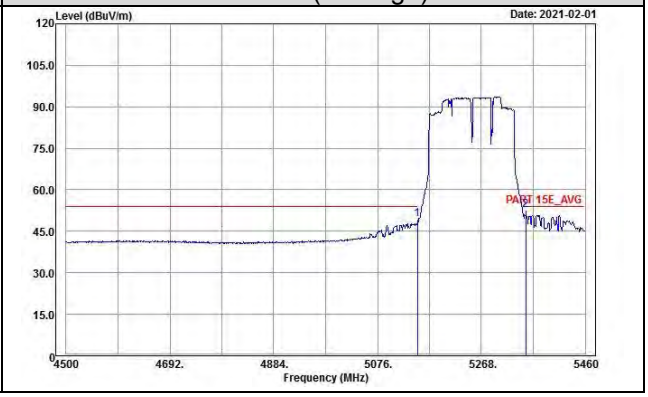
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	43.69	33.64	10.05	54	-10.31	210	20	Average
5150	54.07	44.02	10.05	74	-19.93	210	20	Peak
5250	86.84	76.74	10.1			210	20	Average
5250	93.47	83.37	10.1			210	20	Peak
5350	44.07	33.84	10.23	54	-9.93	210	20	Average
5350	54.13	43.9	10.23	74	-19.87	210	20	Peak
*10500	55.72	39.89	15.83	68.2	-12.48	185	326	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	49.5	39.45	10.05	54	-4.5	211	19	Average
5150	60.31	50.26	10.05	74	-13.69	211	19	Peak
5250	94.44	84.34	10.1			211	19	Average
5250	101.8	91.7	10.1			211	19	Peak
5350	52.5	42.27	10.23	54	-1.5	211	339	Average
5350	61.73	51.5	10.23	74	-12.27	211	339	Peak
*10500	55.91	40.08	15.83	68.2	-12.29	121	179	Peak

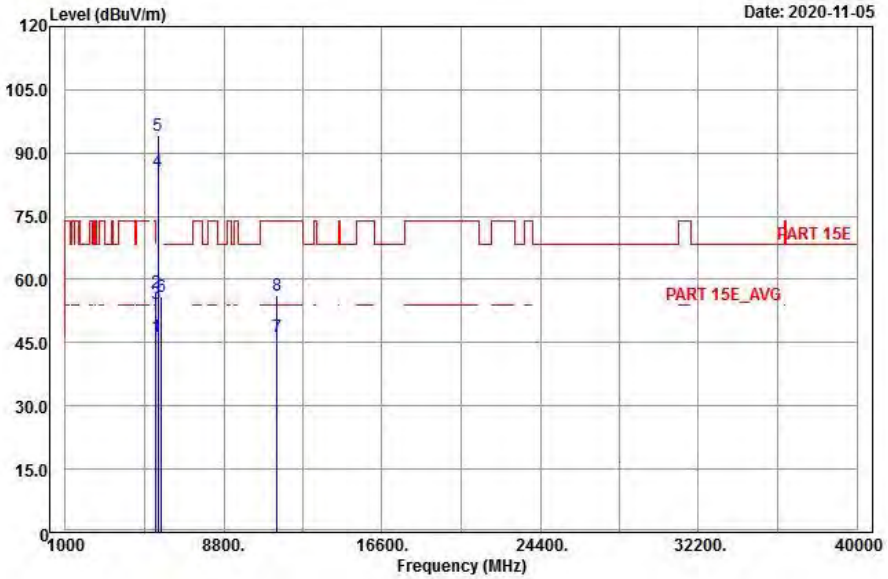
Remarks:

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

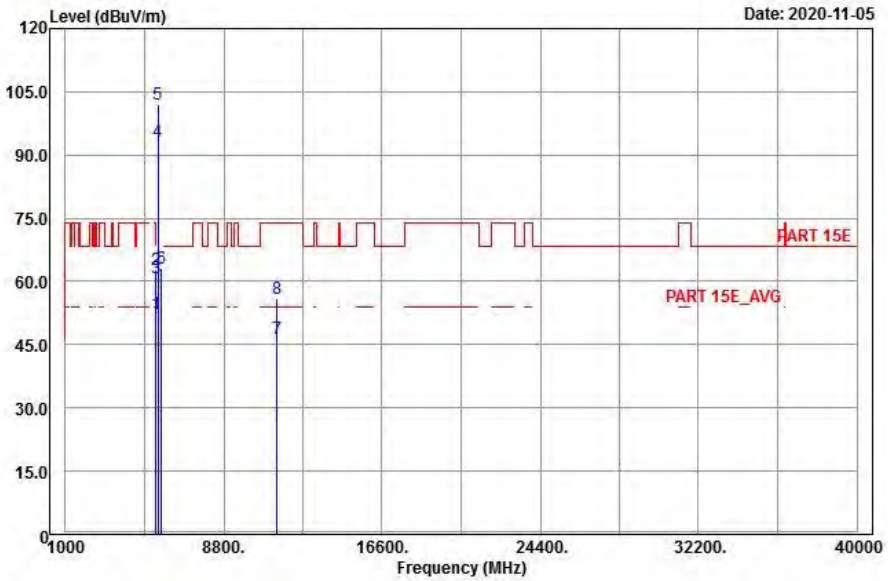
Channel 50	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



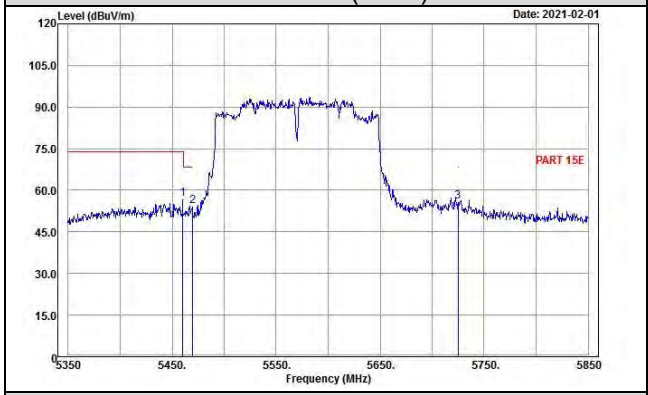
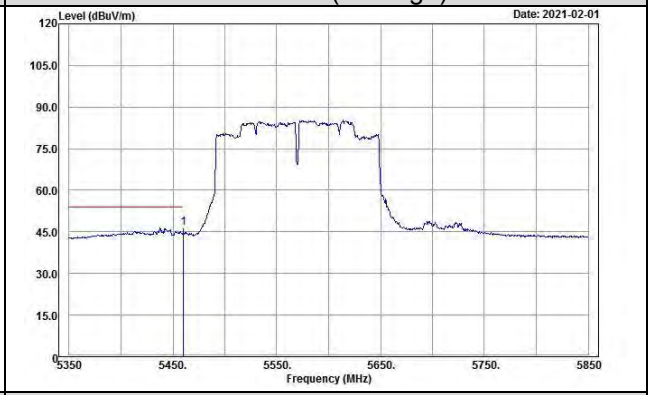
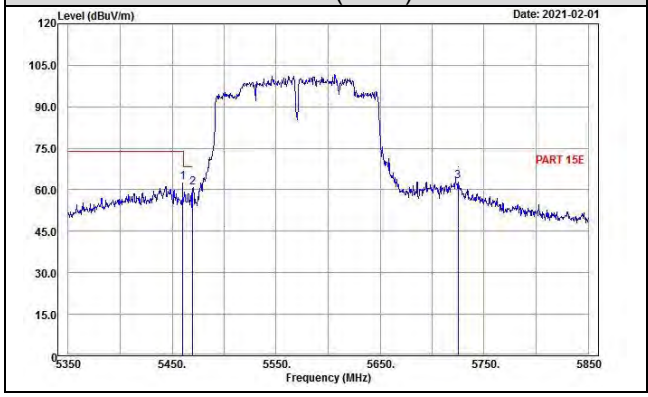
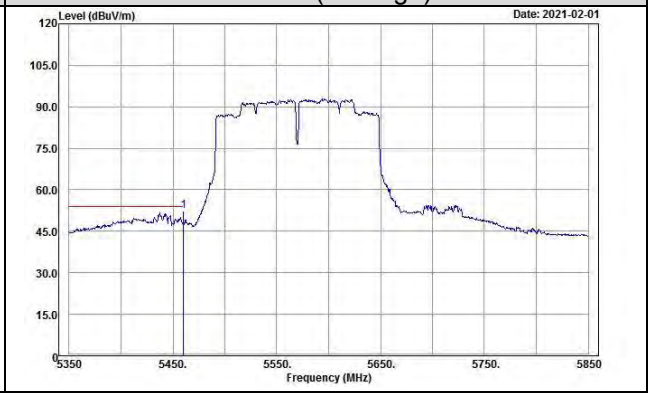
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46.44	35.93	10.51	54	-7.56	161	21	Average
5460	56.97	46.46	10.51	74	-17.03	161	21	Peak
*5470	54.31	43.78	10.53	68.2	-13.89	161	21	Peak
5570	85.61	74.91	10.7			125	14	Average
5570	94.03	83.33	10.7			125	14	Peak
*5725	55.89	44.97	10.92	68.2	-12.31	127	11	Peak
11440	46.35	30.06	16.29	54	-7.65	109	26	Average
11440	56.13	39.84	16.29	74	-17.87	109	26	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.28	41.77	10.51	54	-1.72	219	108	Average
5460	62.8	52.29	10.51	74	-11.2	219	108	Peak
*5470	60.96	50.43	10.53	68.2	-7.24	219	108	Peak
5570	93.18	82.48	10.7			219	19	Average
5570	102.05	91.35	10.7			219	19	Peak
*5725	63.02	52.1	10.92	68.2	-5.18	213	83	Peak
11440	46.28	29.99	16.29	54	-7.72	151	283	Average
11440	55.76	39.47	16.29	74	-18.24	151	283	Peak

Remarks:

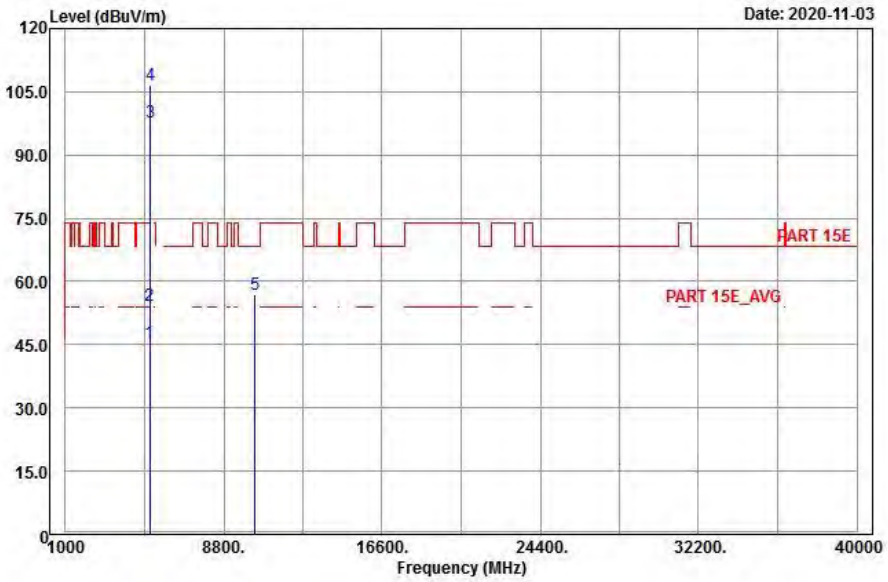
1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5570 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

Channel 114	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

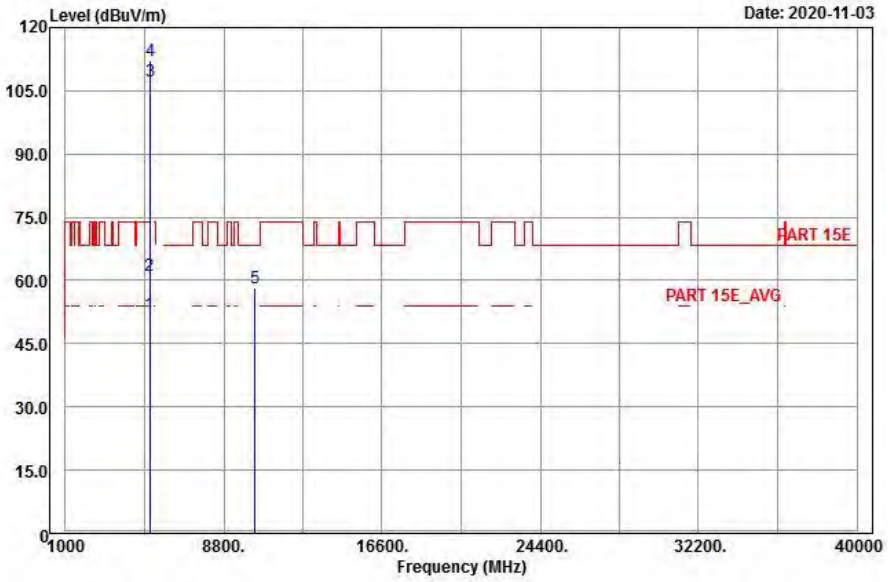
802.11ax (HE20)

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

Horizontal



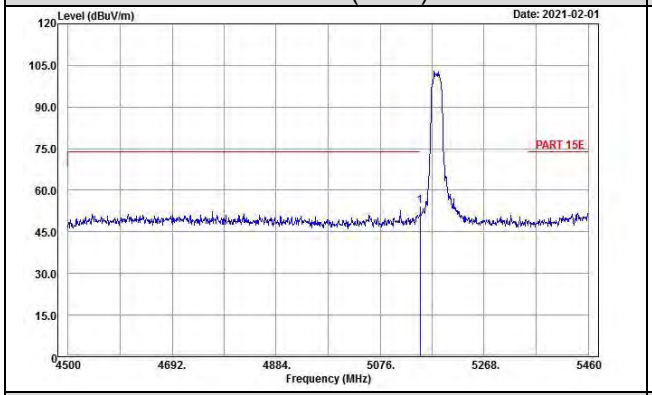
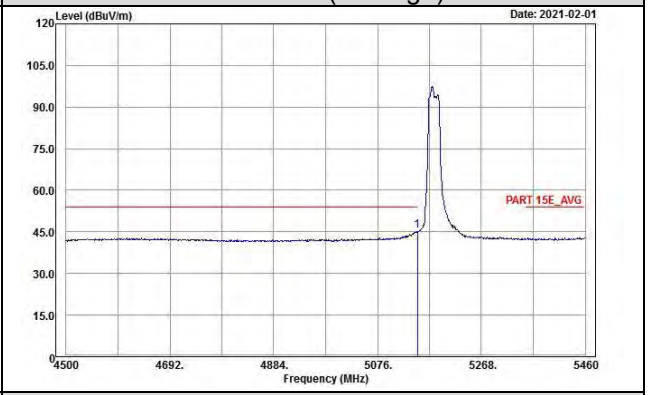
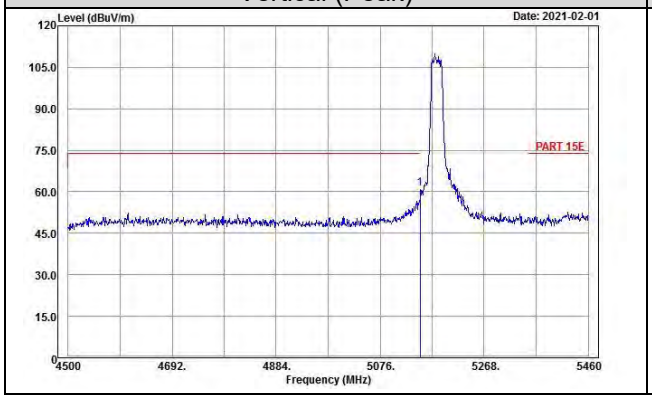
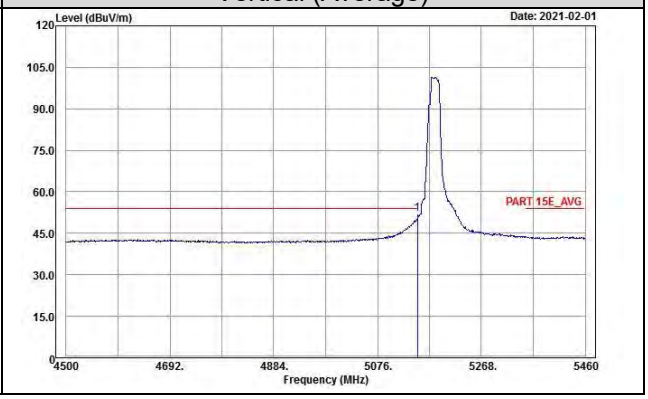
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	45.42	35.37	10.05	54	-8.58	204	21	Average
5150	54.4	44.35	10.05	74	-19.6	204	21	Peak
5180	97.88	87.76	10.12			192	21	Average
5180	106.53	96.41	10.12			192	21	Peak
*10360	56.99	40.97	16.02	68.2	-11.21	105	244	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	51.86	41.81	10.05	54	-2.14	211	341	Average
5150	61.18	51.13	10.05	74	-12.82	211	341	Peak
5180	107.35	97.23	10.12			211	20	Average
5180	112.01	101.89	10.12			211	20	Peak
*10360	58.19	42.17	16.02	68.2	-10.01	205	337	Peak

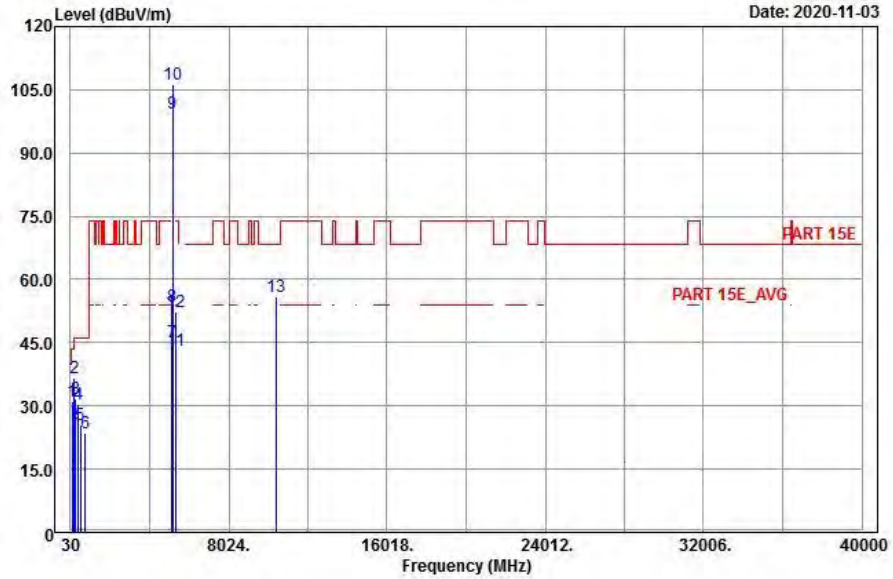
Remarks:

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

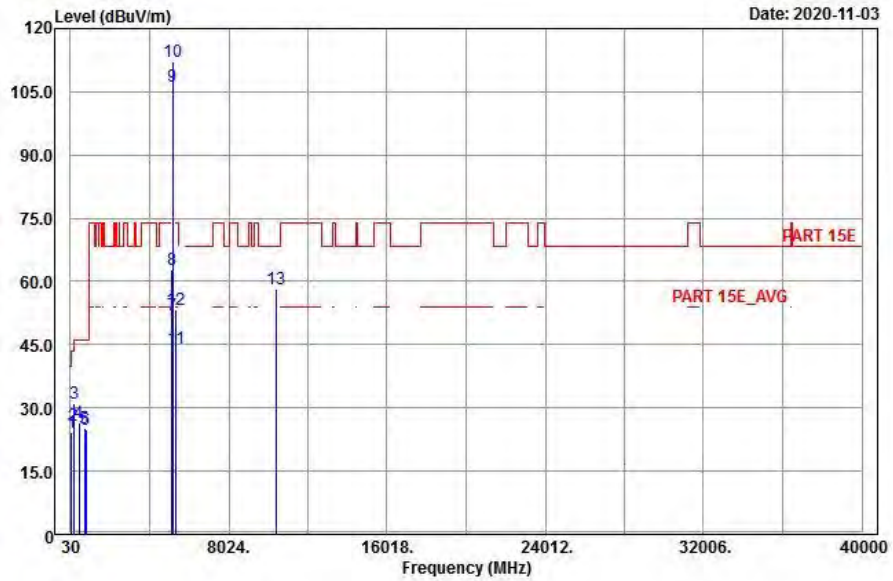
Channel 36	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



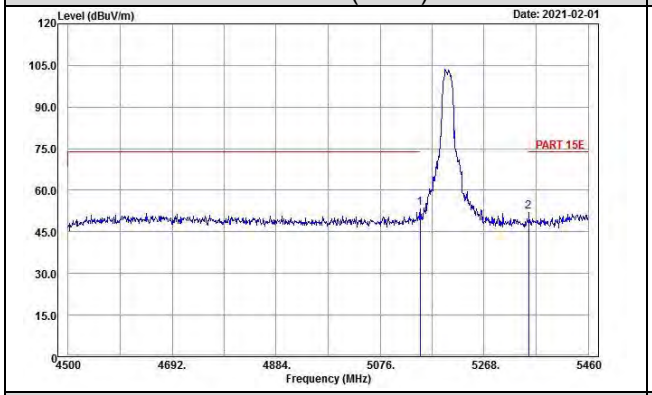
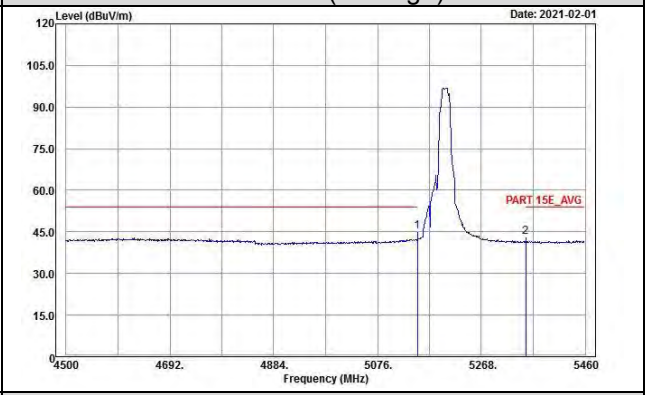
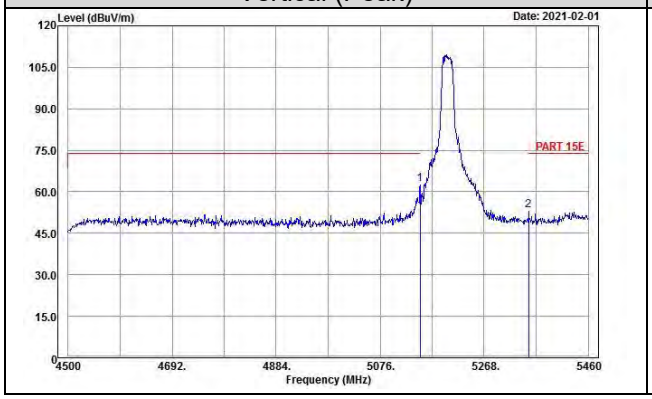
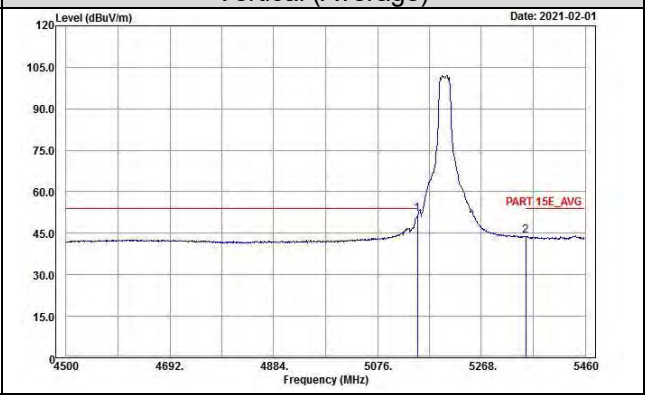
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
128.28	31.2	51.48	-20.28	43.5	-12.3	194	184	Peak
208.47	36.57	54.72	-18.15	43.5	-6.93	110	54	Peak
298.92	31.73	47.66	-15.93	46	-14.27	156	26	Peak
428.8	30.49	44.02	-13.53	46	-15.51	187	114	Peak
519.1	25.41	37.51	-12.1	46	-20.59	156	66	Peak
783.7	23.47	31.48	-8.01	46	-22.53	164	201	Peak
5150	44.96	34.91	10.05	54	-9.04	187	26	Average
5150	53.56	43.51	10.05	74	-20.44	187	26	Peak
5200	99.28	89.12	10.16			192	21	Average
5200	106.18	96.02	10.16			192	21	Peak
5350	43.02	32.79	10.23	54	-10.98	192	21	Average
5350	52.4	42.17	10.23	74	-21.6	192	21	Peak
*10400	56.01	39.83	16.18	68.2	-12.19	115	285	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
78.87	24.06	45.37	-21.31	40	-15.94	187	77	Peak
184.71	25.86	45.1	-19.24	43.5	-17.64	164	199	Peak
225.75	31.16	48.74	-17.58	46	-14.84	105	2	Peak
480.6	26.47	39.15	-12.68	46	-19.53	105	322	Peak
736.1	25.04	33.66	-8.62	46	-20.96	145	144	Peak
822.9	24.72	32.02	-7.3	46	-21.28	122	287	Peak
5150	51.99	41.94	10.05	54	-2.01	221	324	Average
5150	62.85	52.8	10.05	74	-11.15	221	324	Peak
5200	106.28	96.12	10.16			221	18	Average
5200	112.04	101.88	10.16			221	18	Peak
5350	44.08	33.85	10.23	54	-9.92	221	18	Average
5350	53.24	43.01	10.23	74	-20.76	221	18	Peak
*10400	58.35	42.17	16.18	68.2	-9.85	205	337	Peak

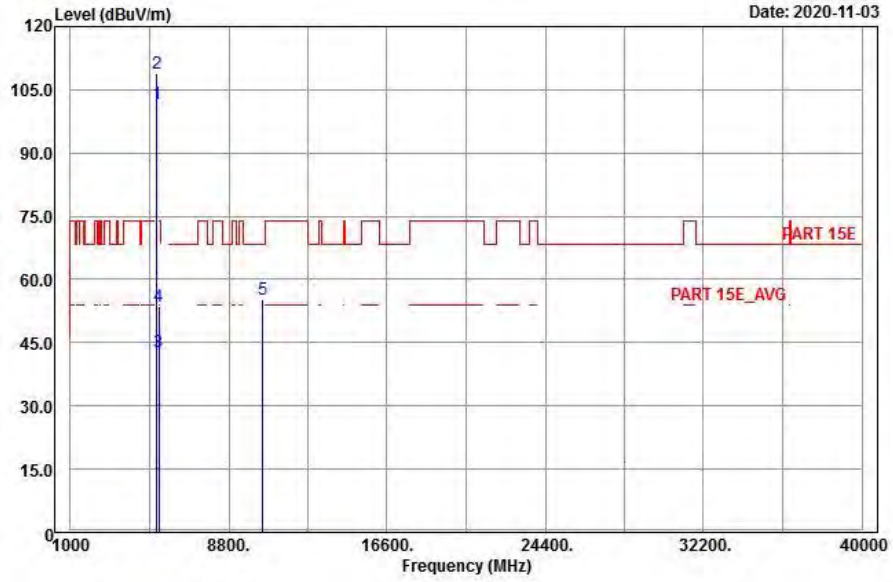
Remarks:

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

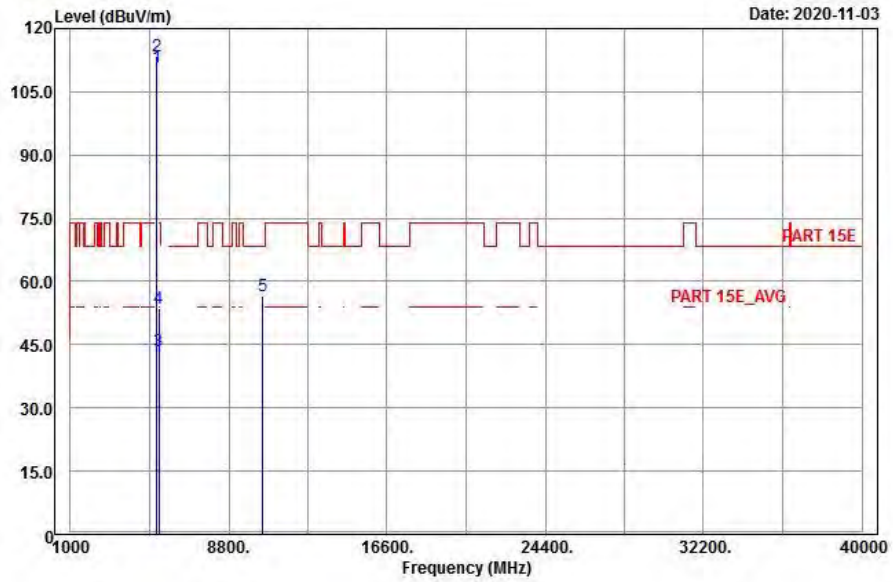
Channel 40	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



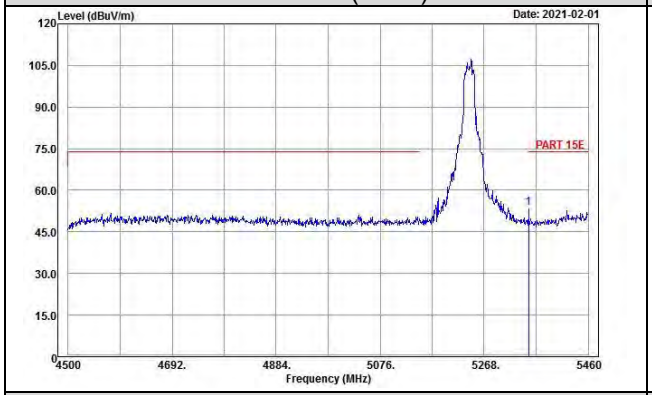
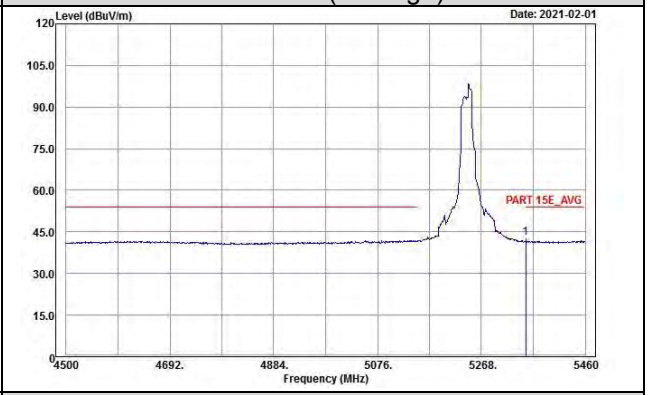
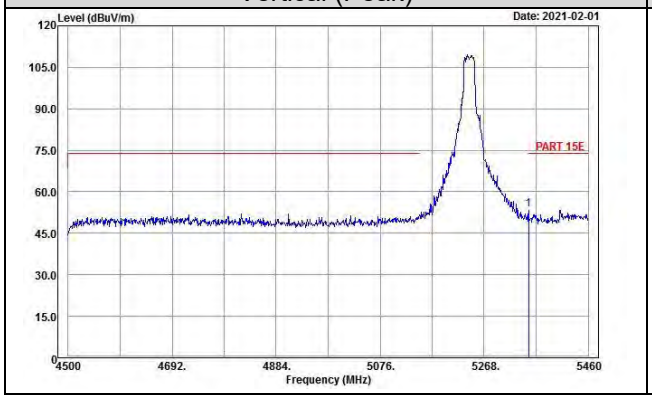
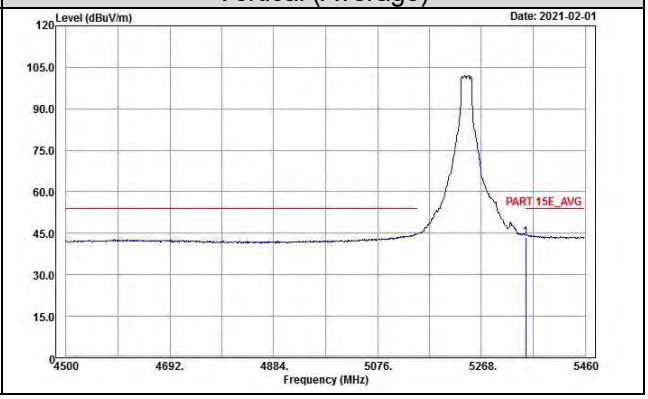
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5240	101.82	91.68	10.14			192	21	Average
5240	108.92	98.78	10.14			192	21	Peak
5350	42.96	32.73	10.23	54	-11.04	192	21	Average
5350	53.58	43.35	10.23	74	-20.42	192	21	Peak
*10480	55.38	39.48	15.9	68.2	-12.82	194	34	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	110.83	100.69	10.14			221	18	Average
5240	113.4	103.26	10.14			221	18	Peak
5350	43.55	33.32	10.23	54	-10.45	221	18	Average
5350	53.63	43.4	10.23	74	-20.37	221	18	Peak
*10480	56.72	40.82	15.9	68.2	-11.48	205	337	Peak

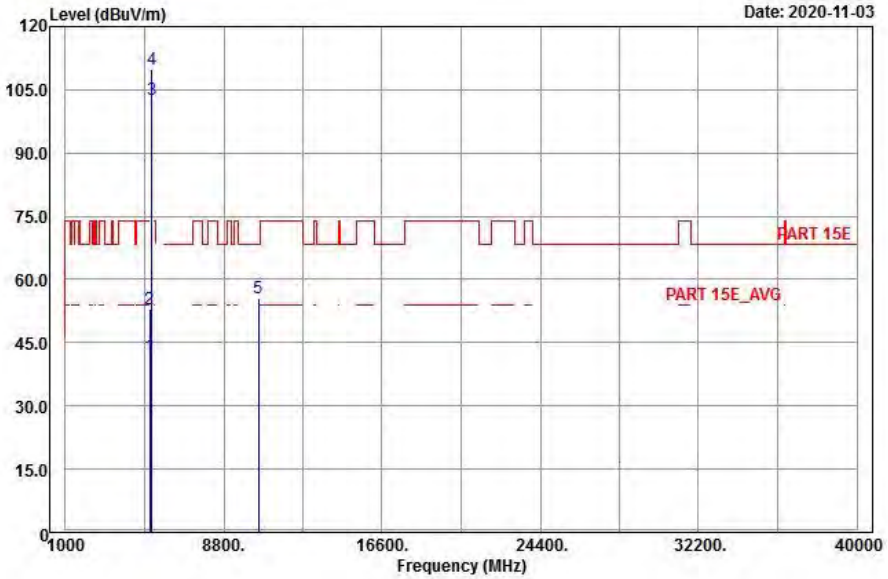
Remarks:

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

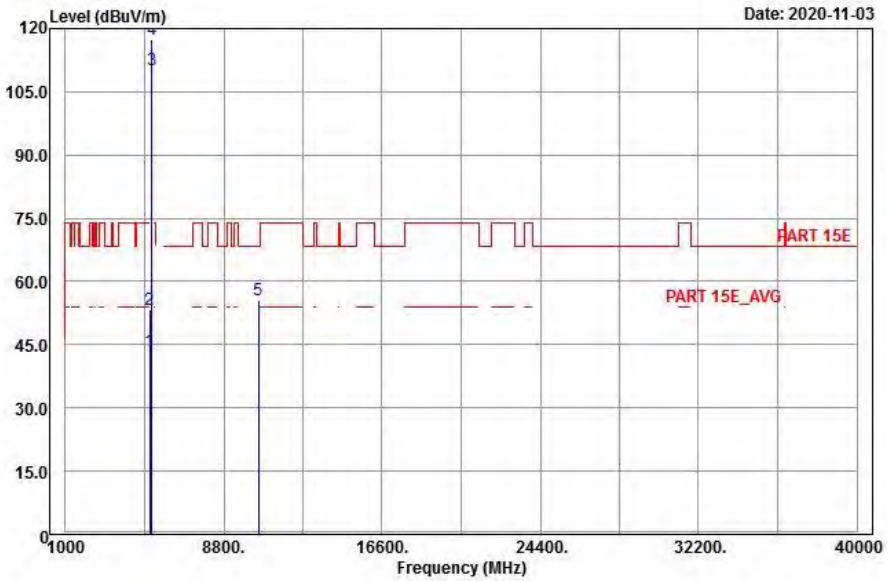
Channel 48	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



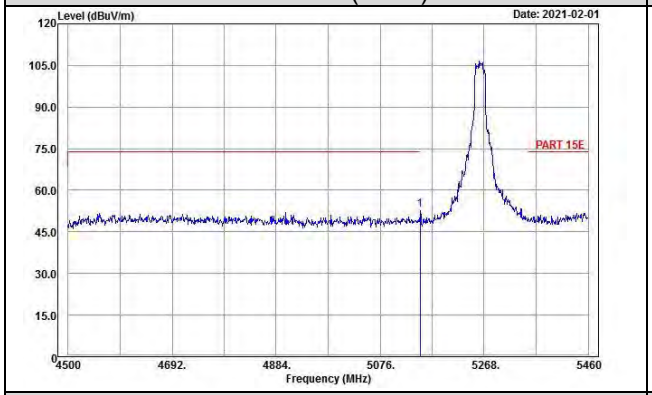
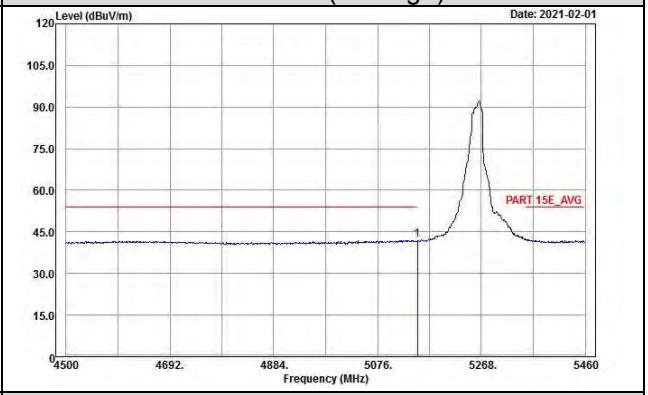
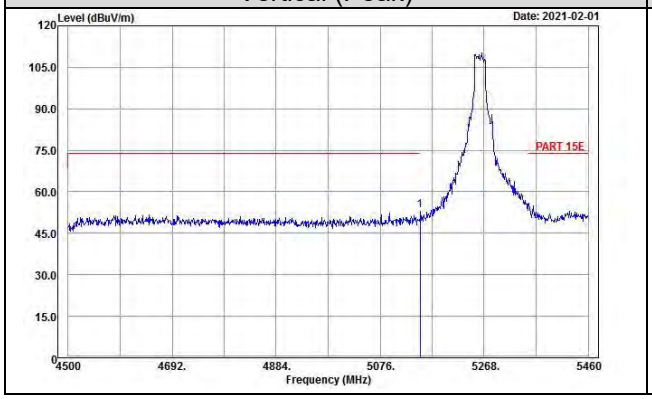
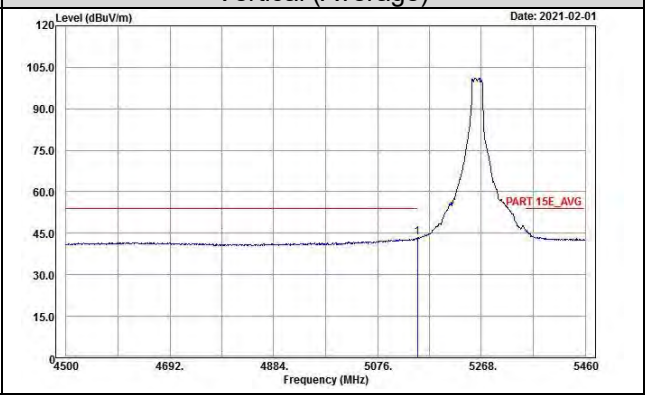
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.02	31.97	10.05	54	-11.98	210	20	Average
5150	52.89	42.84	10.05	74	-21.11	210	20	Peak
5260	102.69	92.57	10.12			210	20	Average
5260	109.7	99.58	10.12			210	20	Peak
*10520	55.46	39.58	15.88	68.2	-12.74	146	97	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	43.57	33.52	10.05	54	-10.43	211	19	Average
5150	53.33	43.28	10.05	74	-20.67	211	19	Peak
5260	110.17	100.05	10.12			211	19	Average
5260	117.32	107.2	10.12			211	19	Peak
*10520	55.58	39.7	15.88	68.2	-12.62	133	84	Peak

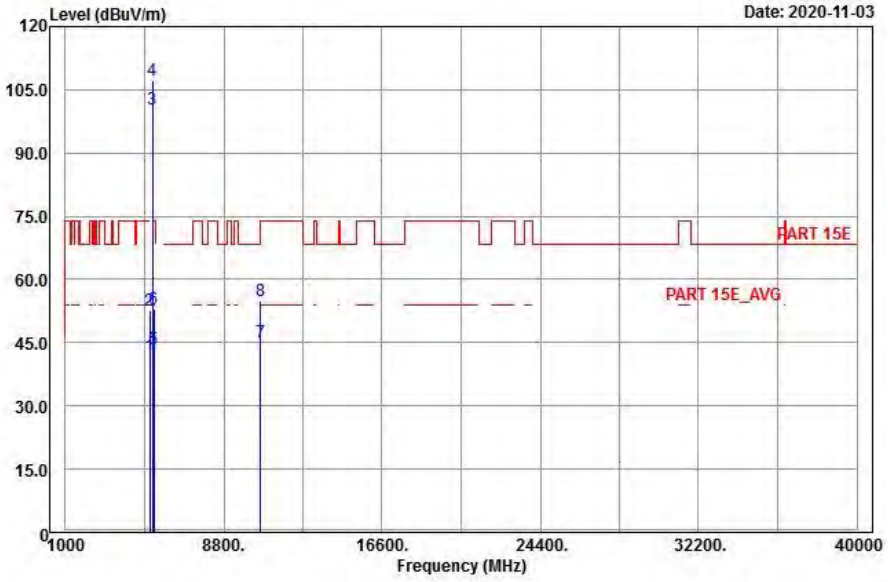
Remarks:

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.

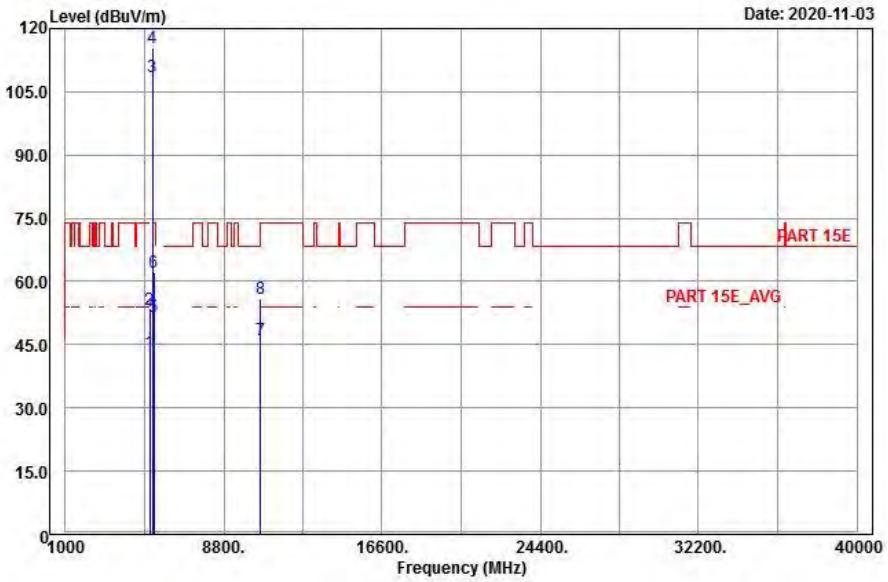
Channel 52	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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**	Charles Hsiao

Horizontal



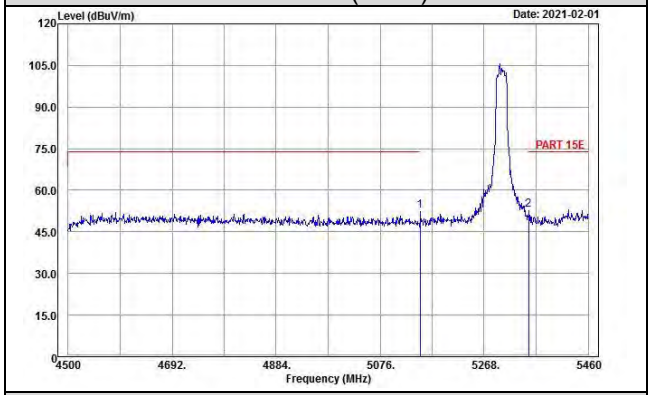
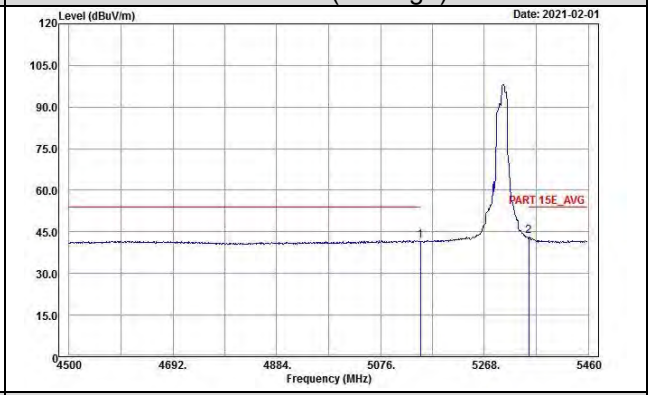
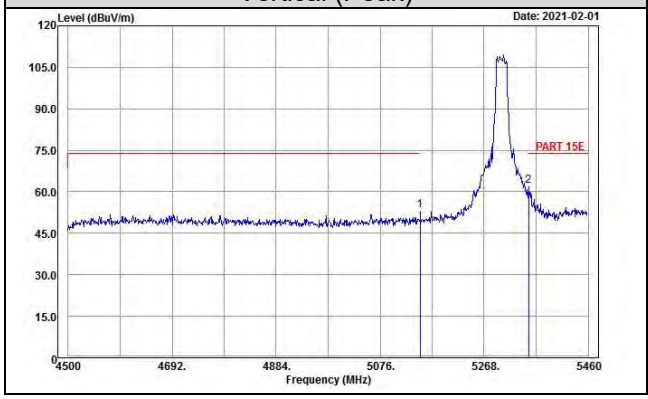
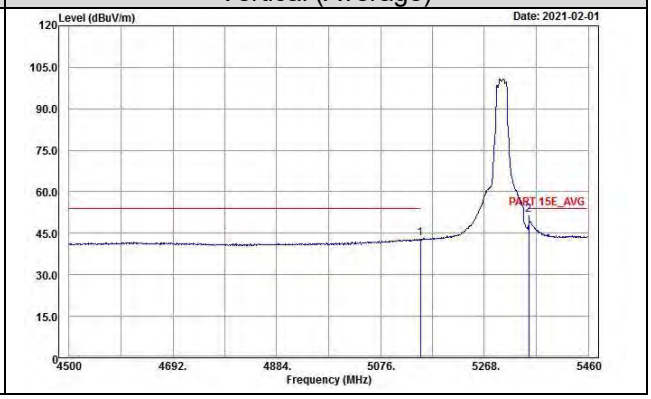
Vertical



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	31.95	10.05	54	-12	210	20	Average
5150	52.53	42.48	10.05	74	-21.47	210	20	Peak
5300	100.34	90.28	10.06			210	20	Average
5300	107.31	97.25	10.06			210	20	Peak
5350	43.39	33.16	10.23	54	-10.61	210	20	Average
5350	53.03	42.8	10.23	74	-20.97	210	20	Peak
10600	45.25	29.49	15.76	54	-8.75	154	229	Average
10600	54.79	39.03	15.76	74	-19.21	154	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
5150	43.12	33.07	10.05	54	-10.88	211	19	Average
5150	53.38	43.33	10.05	74	-20.62	211	19	Peak
5300	108.59	98.53	10.06			211	19	Average
5300	115.44	105.38	10.06			211	19	Peak
5350	51.54	41.31	10.23	54	-2.46	231	343	Average
5350	61.98	51.75	10.23	74	-12.02	231	343	Peak
10600	46.19	30.43	15.76	54	-7.81	184	206	Average
10600	55.84	40.08	15.76	74	-18.16	184	206	Peak

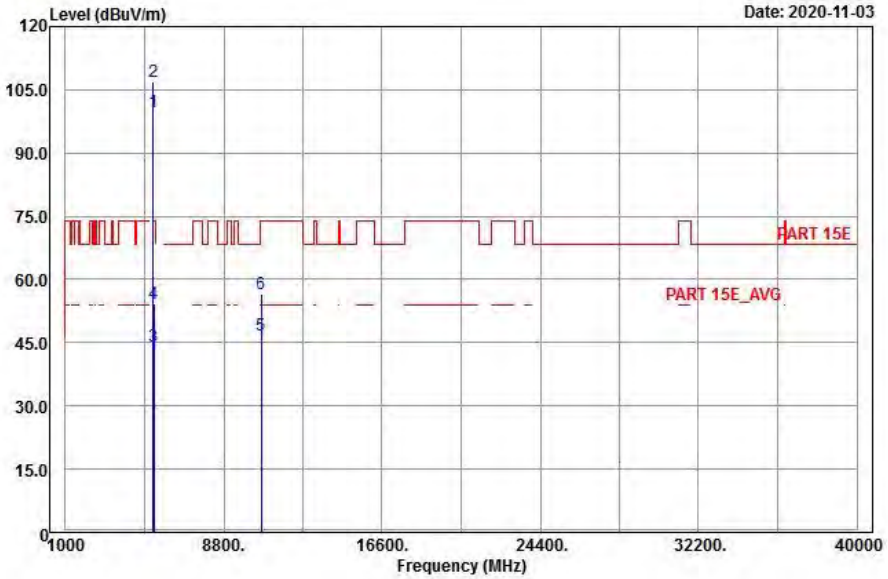
Remarks:

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

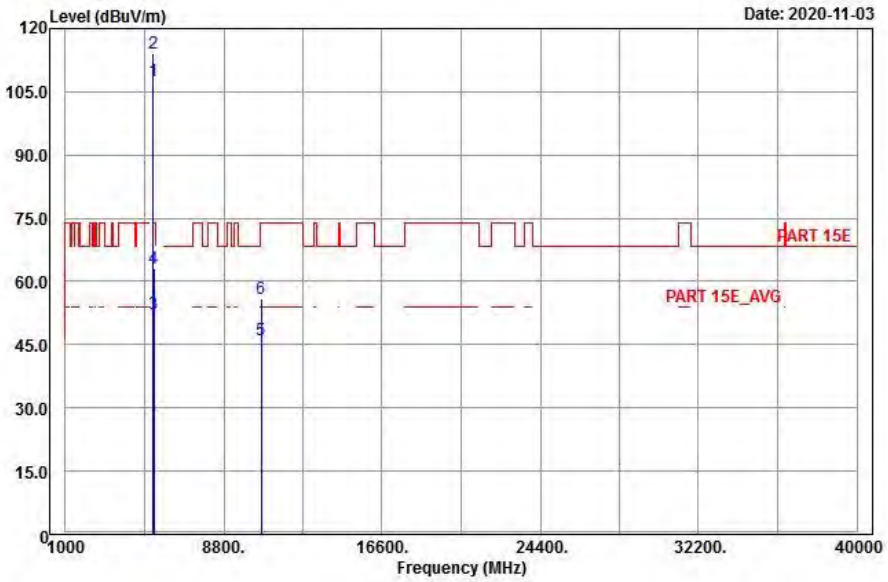
Channel 60	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



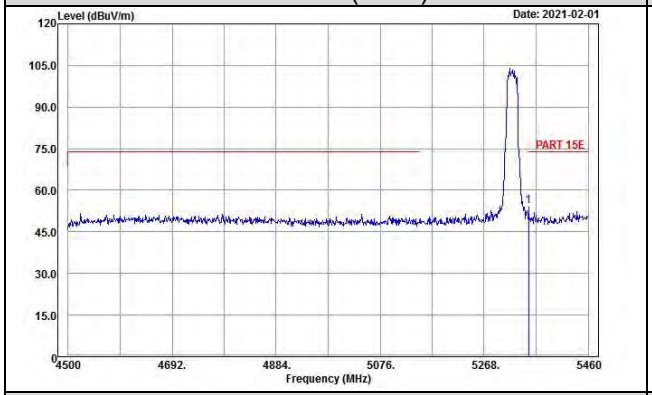
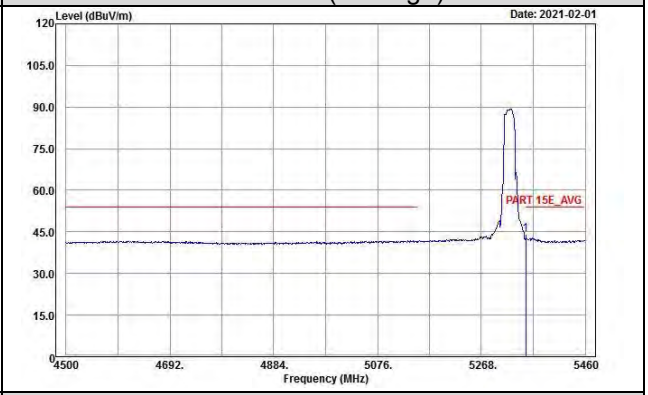
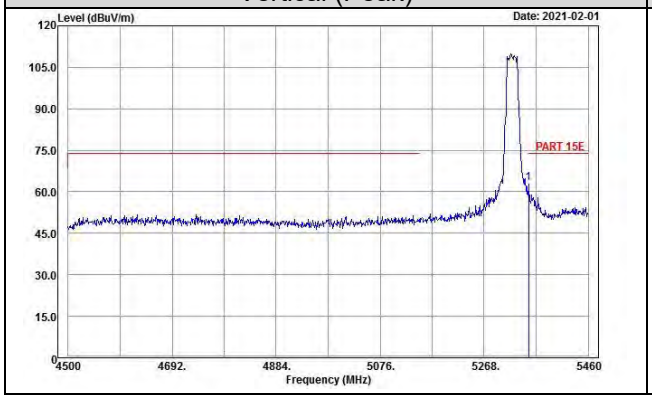
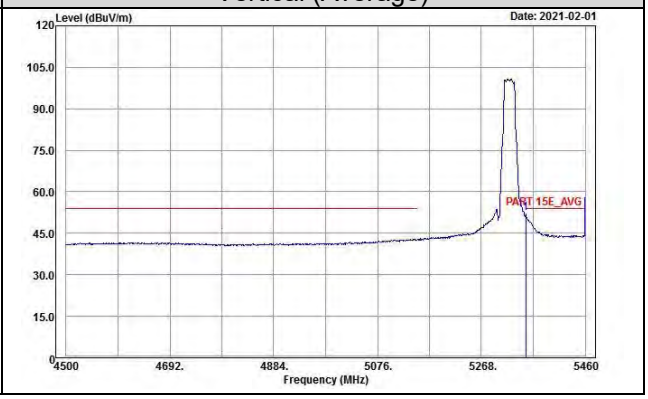
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5320	99.67	89.58	10.09			210	20	Average
5320	106.9	96.81	10.09			210	20	Peak
5350	44.01	33.78	10.23	54	-9.99	210	20	Average
5350	54.27	44.04	10.23	74	-19.73	210	20	Peak
10640	46.89	30.9	15.99	54	-7.11	158	131	Average
10640	56.53	40.54	15.99	74	-17.47	158	131	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	107.44	97.35	10.09			211	19	Average
5320	114.01	103.92	10.09			211	19	Peak
5350	52.27	42.04	10.23	54	-1.73	212	341	Average
5350	62.97	52.74	10.23	74	-11.03	212	341	Peak
10640	46.18	30.19	15.99	54	-7.82	145	276	Average
10640	55.8	39.81	15.99	74	-18.2	145	276	Peak

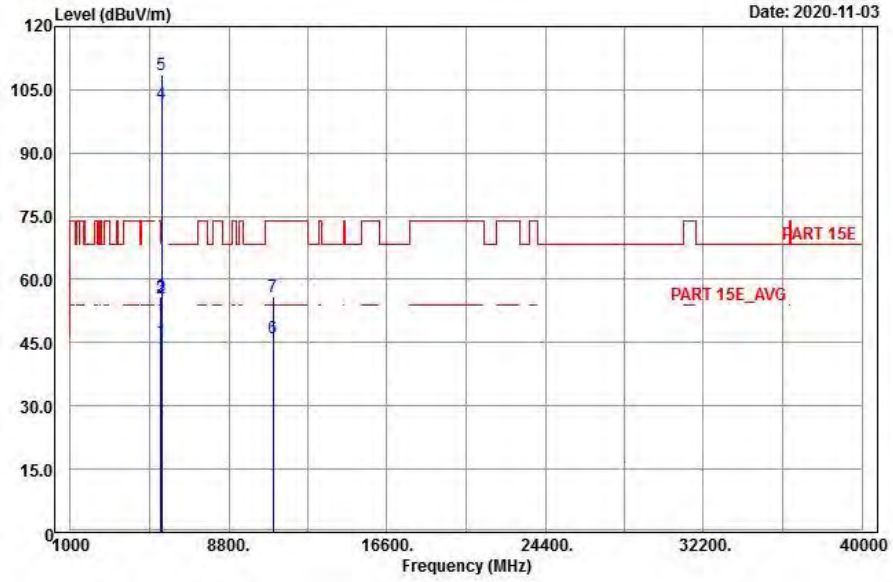
Remarks:

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.

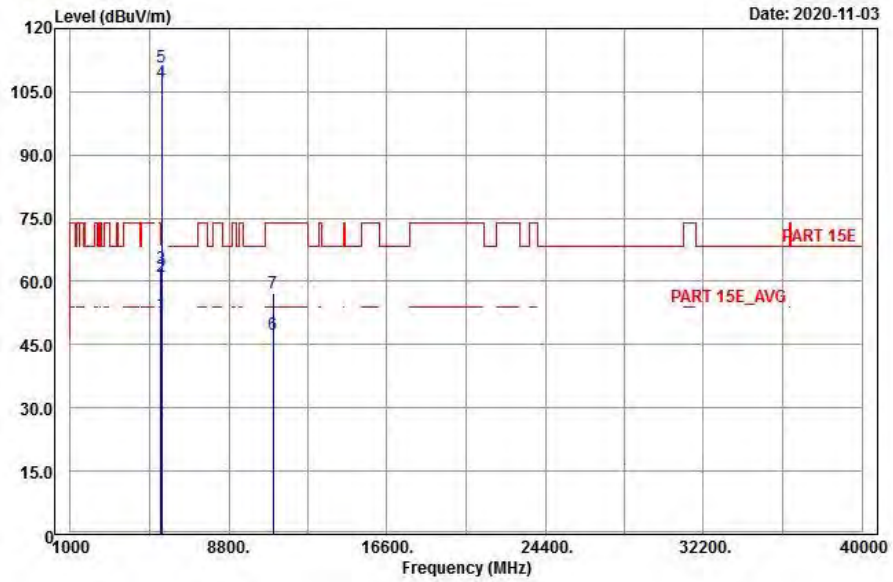
Channel 64	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



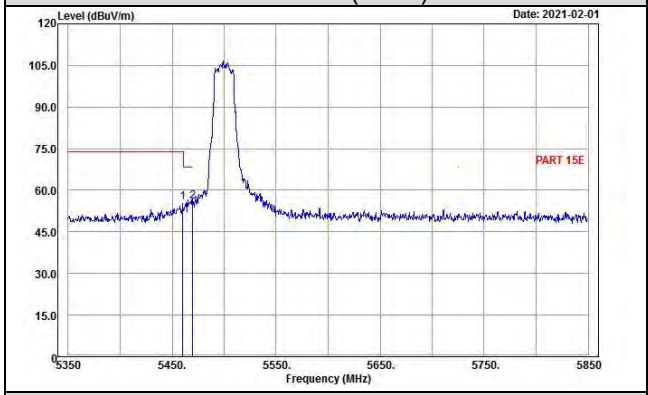
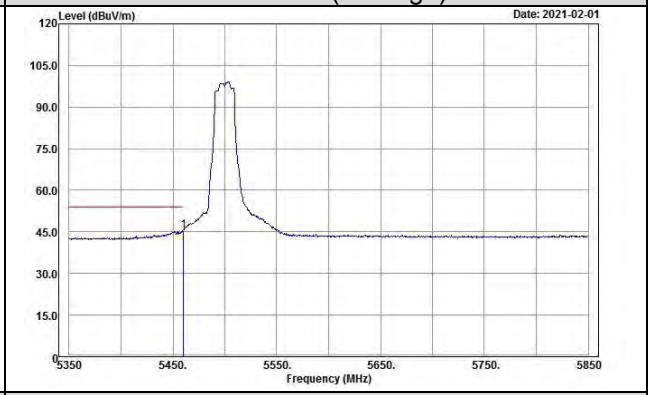
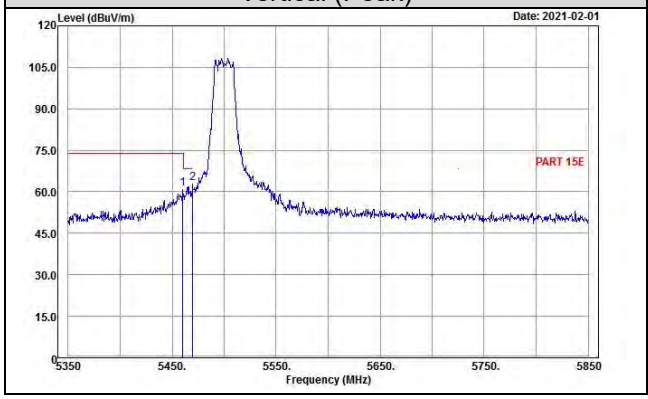
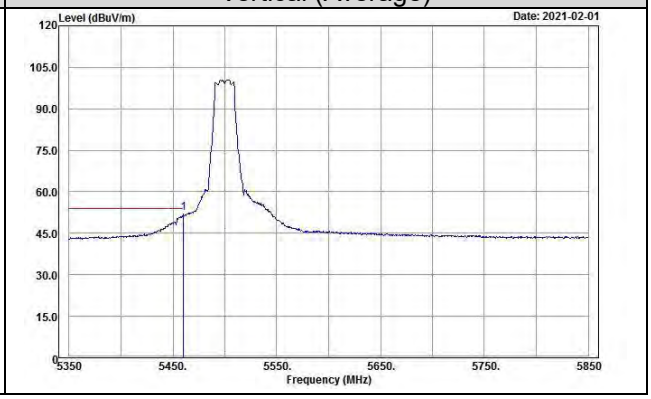
Vertical



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	45.61	35.1	10.51	54	-8.39	131	14	Average
5460	55.57	45.06	10.51	74	-18.43	131	14	Peak
*5470	55.87	45.34	10.53	68.2	-12.33	131	14	Peak
5500	101.81	91.21	10.6			127	14	Average
5500	108.61	98.01	10.6			127	14	Peak
11000	46.19	30.06	16.13	54	-7.81	178	316	Average
11000	55.82	39.69	16.13	74	-18.18	178	316	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.24	41.73	10.51	54	-1.76	246	69	Average
5460	61.1	50.59	10.51	74	-12.9	246	69	Peak
*5470	63.1	52.57	10.53	68.2	-5.1	246	69	Peak
5500	107.33	96.73	10.6			232	19	Average
5500	110.9	100.3	10.6			232	19	Peak
11000	47.39	31.26	16.13	54	-6.61	168	42	Average
11000	57.09	40.96	16.13	74	-16.91	168	42	Peak

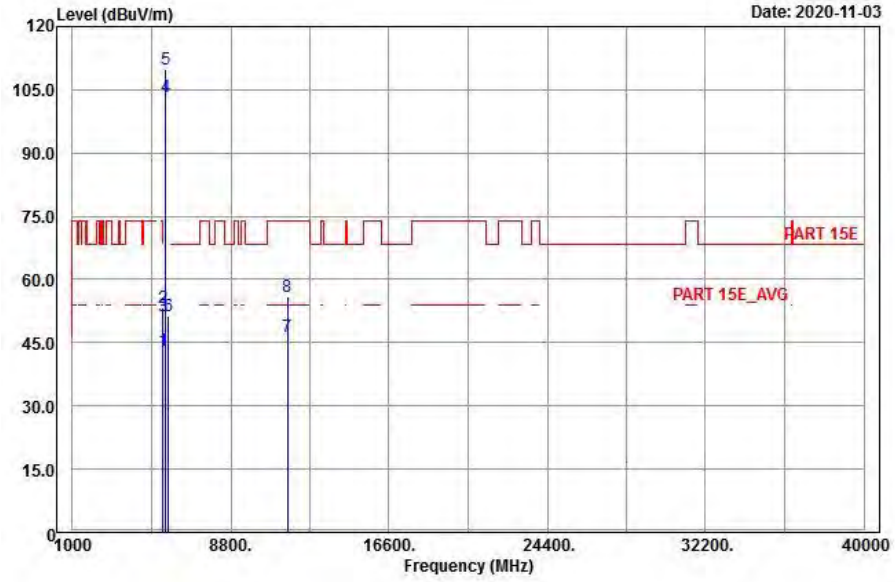
Remarks:

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.

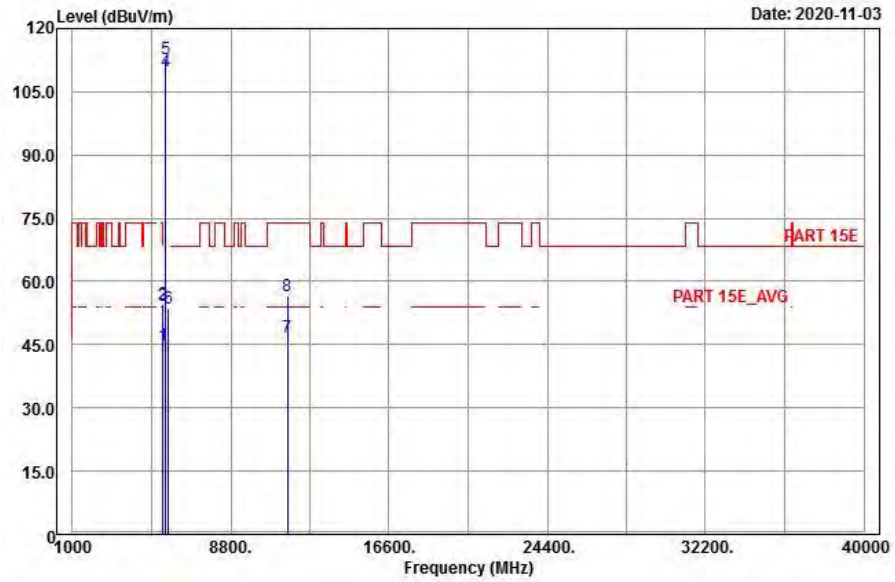
Channel 100	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



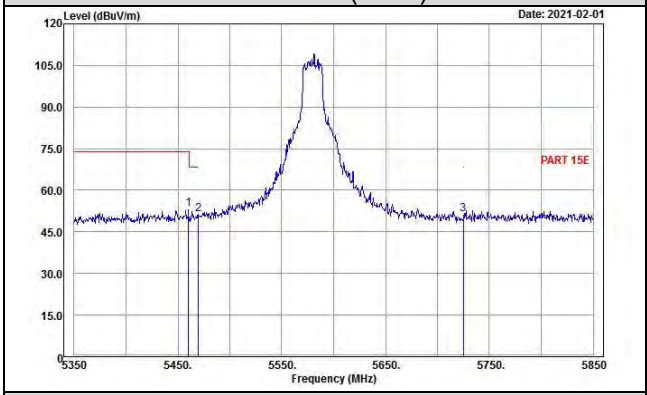
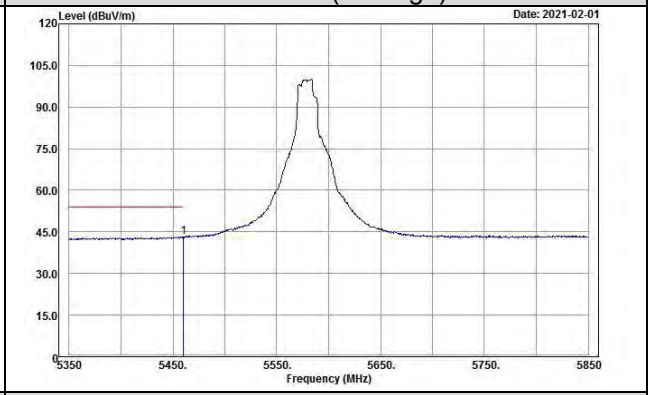
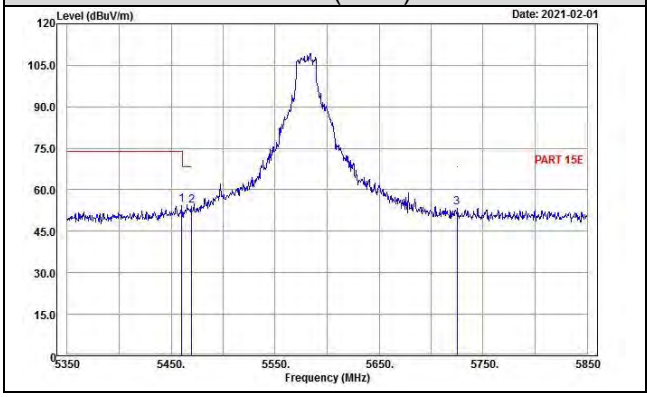
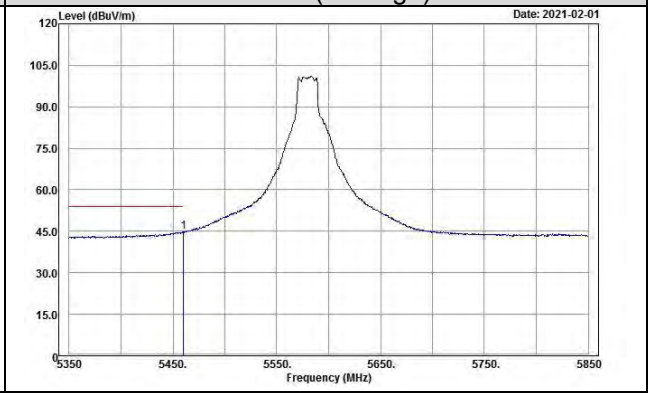
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	43.24	32.73	10.51	54	-10.76	127	14	Average
5460	53.23	42.72	10.51	74	-20.77	127	14	Peak
*5470	51.29	40.76	10.53	68.2	-16.91	127	14	Peak
5580	103.43	92.72	10.71			127	14	Average
5580	109.87	99.16	10.71			127	14	Peak
*5725	51.22	40.3	10.92	68.2	-16.98	127	14	Peak
11600	46.36	29.87	16.49	54	-7.64	175	234	Average
11600	55.99	39.5	16.49	74	-18.01	175	234	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	232	19	Average
5460	54.56	44.05	10.51	74	-19.44	232	19	Peak
*5470	54.42	43.89	10.53	68.2	-13.78	232	19	Peak
5580	109.75	99.04	10.71			232	19	Average
5580	112.8	102.09	10.71			232	19	Peak
*5725	53.63	42.71	10.92	68.2	-14.57	232	19	Peak
11600	46.85	30.36	16.49	54	-7.15	154	183	Average
11600	56.66	40.17	16.49	74	-17.34	154	183	Peak

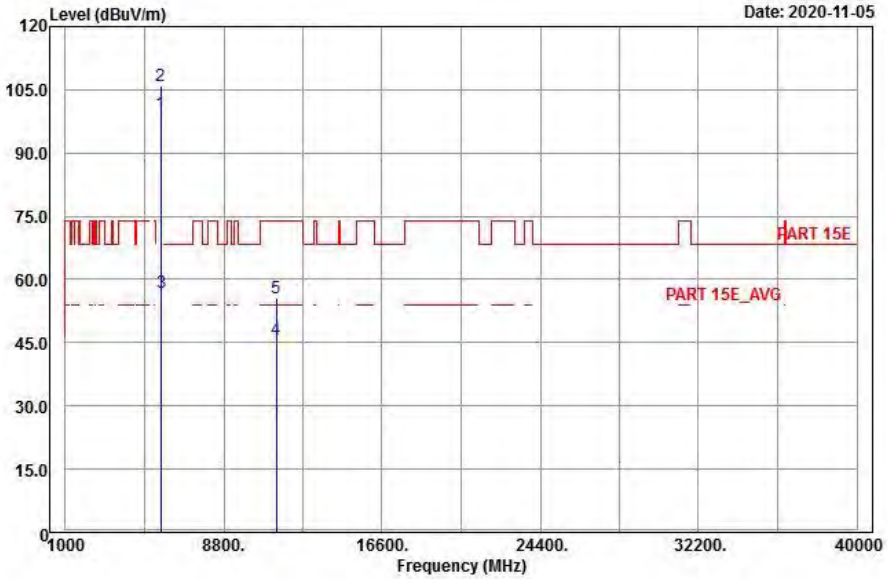
Remarks:

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.

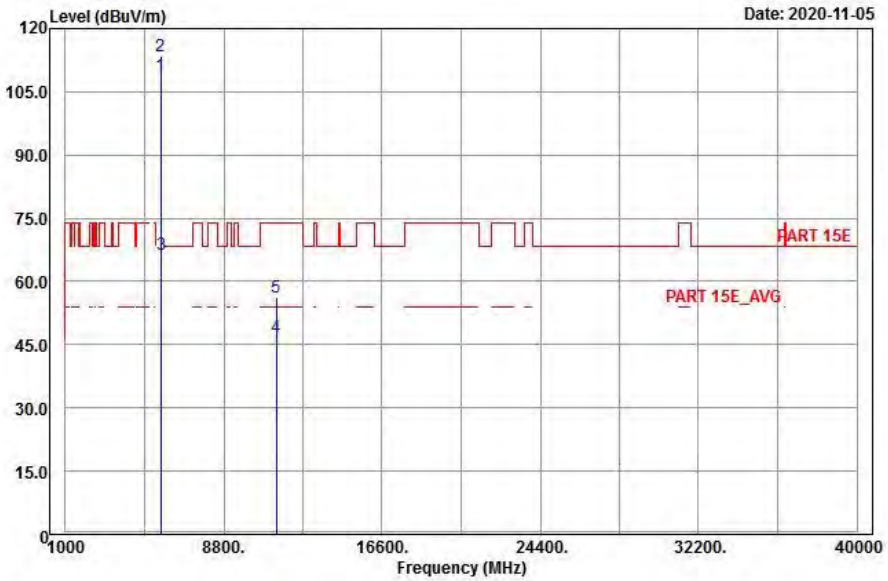
Channel 116	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



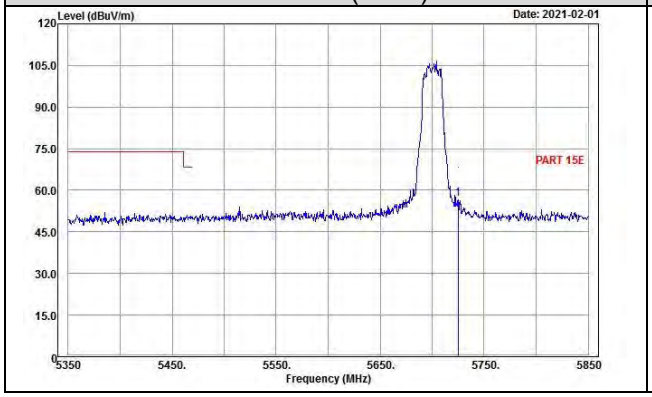
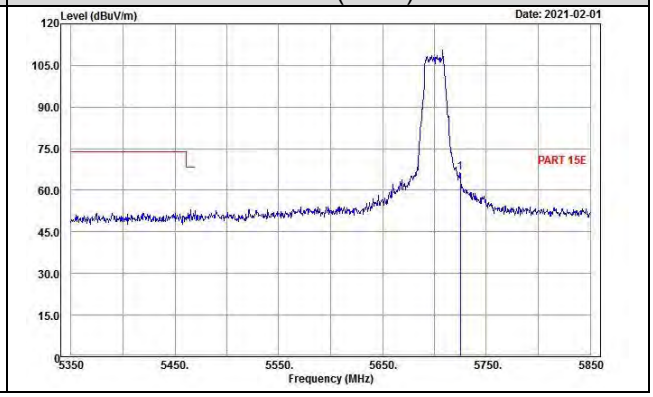
Vertical



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	99.29	88.34	10.95			127	14	Average
5700	106	95.05	10.95			127	14	Peak
*5725	56.83	45.91	10.92	68.2	-11.37	124	58	Peak
11400	45.81	29.62	16.19	54	-8.19	125	294	Average
11400	55.56	39.37	16.19	74	-18.44	125	294	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	108.72	97.77	10.95			230	37	Average
5700	113.39	102.44	10.95			230	37	Peak
*5725	66.32	55.4	10.92	68.2	-1.88	230	132	Peak
11400	46.61	30.42	16.19	54	-7.39	143	249	Average
11400	56.13	39.94	16.19	74	-17.87	143	249	Peak

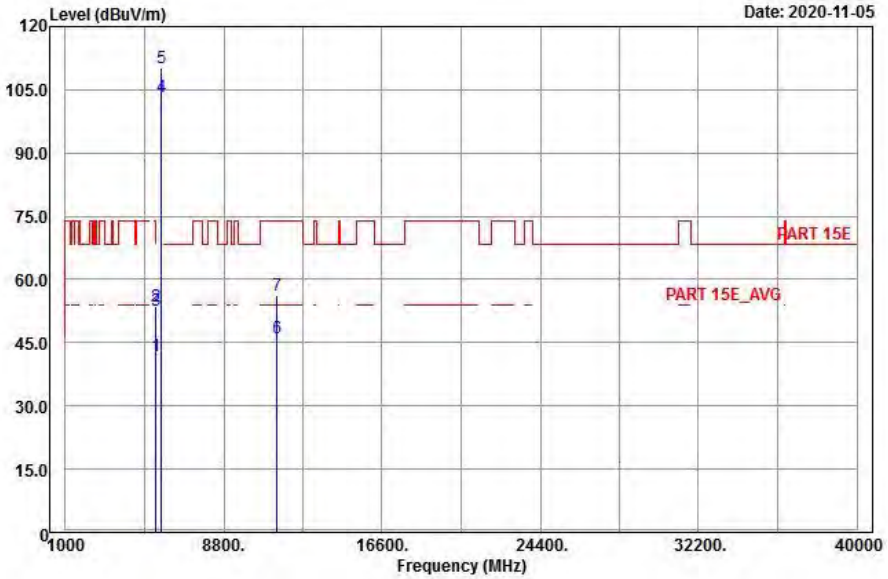
Remarks:

1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5700 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

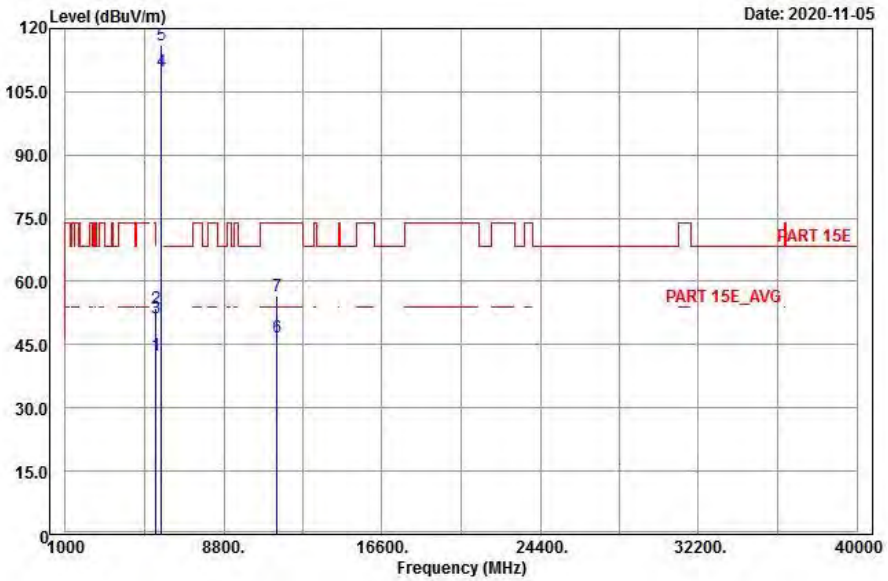
Channel 140	
Horizontal (Peak)	Vertical (Peak)
	

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

Horizontal



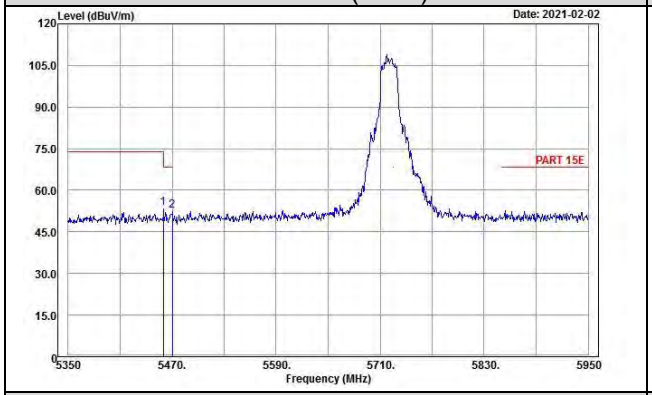
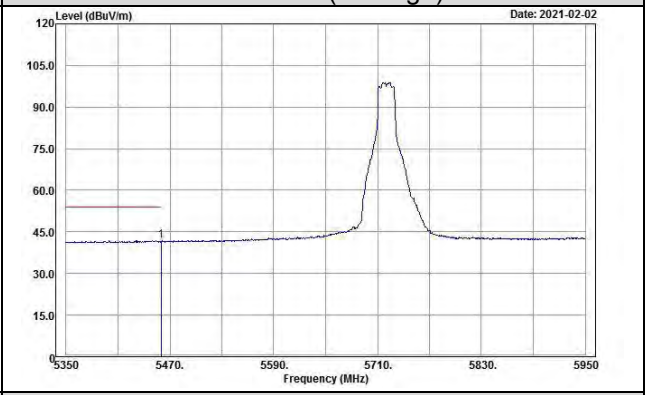
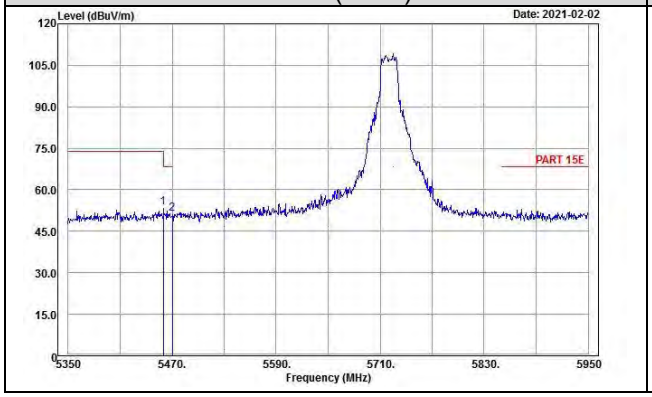
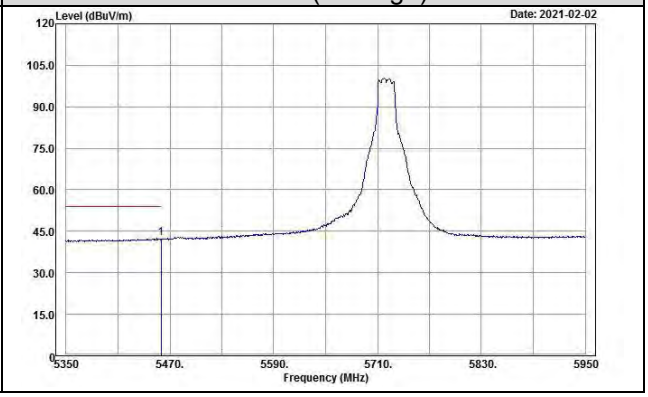
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	41.94	31.43	10.51	54	-12.06	119	28	Average
5460	52.04	41.53	10.51	74	-21.96	119	28	Peak
*5470	50.38	39.85	10.53	68.2	-17.82	119	28	Peak
5720	102.58	91.66	10.92			119	28	Average
5720	109.52	98.6	10.92			119	28	Peak
11440	46.29	30	16.29	54	-7.71	185	131	Average
11440	56.34	40.05	16.29	74	-17.66	185	131	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	42.37	31.86	10.51	54	-11.63	211	19	Average
5460	53.28	42.77	10.51	74	-20.72	211	19	Peak
*5470	50.98	40.45	10.53	68.2	-17.22	211	19	Peak
5720	108.58	97.66	10.92			211	19	Average
5720	115.55	104.63	10.92			211	19	Peak
11440	47.25	30.96	16.29	54	-6.75	137	52	Average
11440	56.94	40.65	16.29	74	-17.06	137	52	Peak

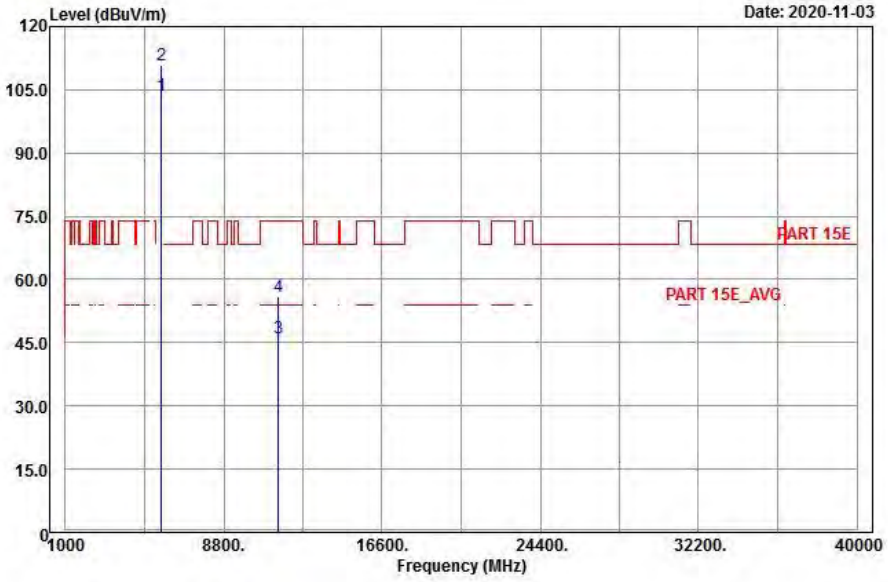
Remarks:

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

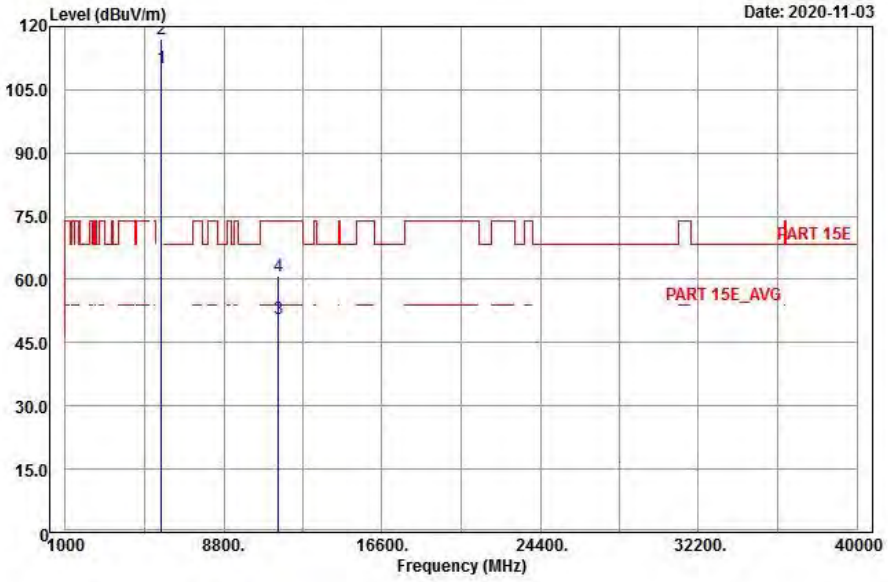
Channel 144	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

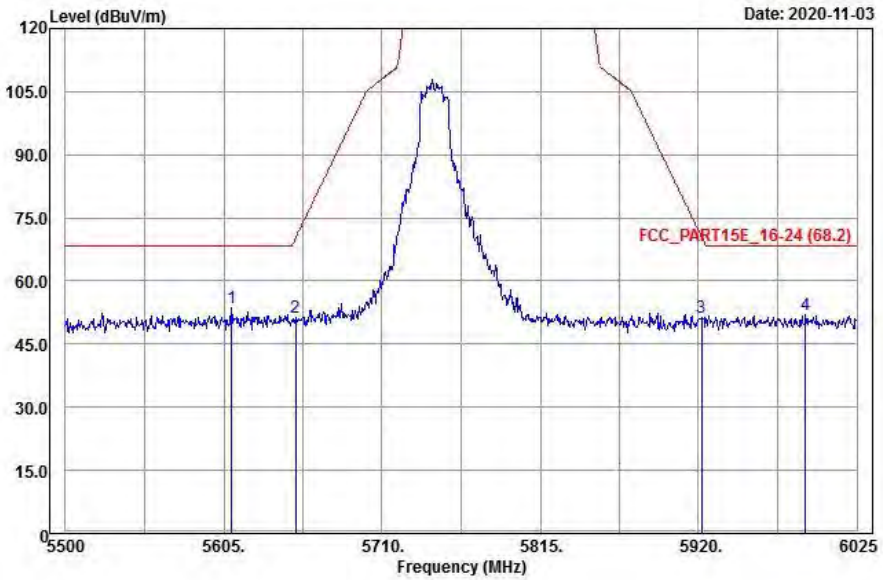
<Spurious Emission>
Horizontal



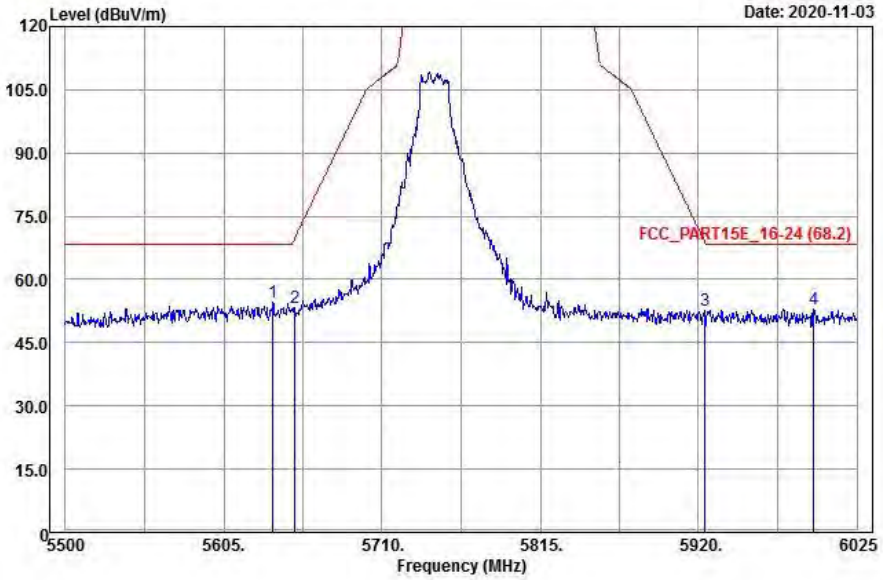
Vertical



<Out of Band Emission (OOBE)>
Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5745	103.65	92.77	10.88			109	28	Average
5745	110.76	99.88	10.88			109	28	Peak
11490	46.17	29.7	16.47	54	-7.83	159	224	Average
11490	55.84	39.37	16.47	74	-18.16	159	224	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	110.24	99.36	10.88			239	37	Average
5745	117.05	106.17	10.88			239	37	Peak
11490	50.72	34.25	16.47	54	-3.28	202	61	Average
11490	60.69	44.22	16.47	74	-13.31	202	61	Peak

<Out of Band Emission (OOBE)>

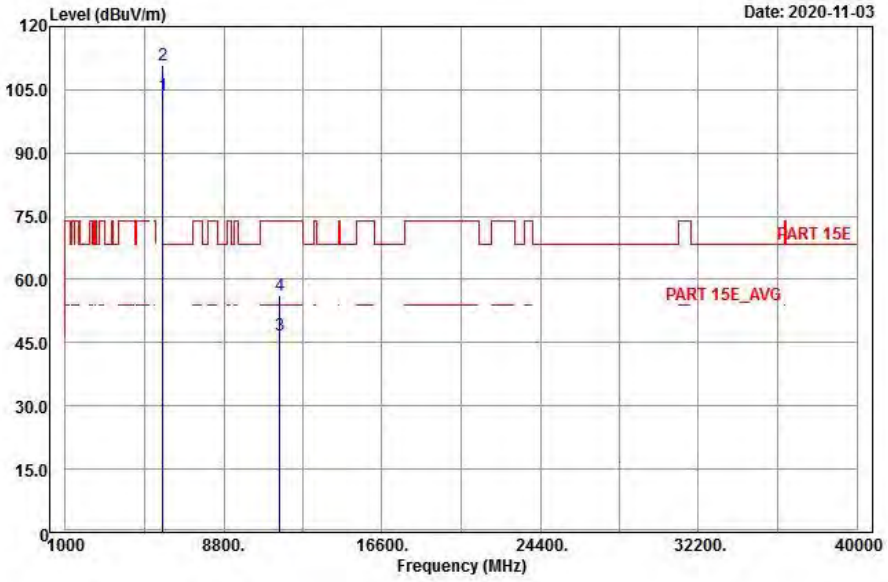
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5610.25	53.62	42.85	10.77	68.2	-14.58	109	28	Peak
5652.775	51.26	40.39	10.87	70.25	-18.99	109	28	Peak
5922.1	51.21	40.1	11.11	70.35	-19.14	109	28	Peak
*5990.875	52.05	40.72	11.33	68.2	-16.15	109	28	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5637.55	54.75	43.92	10.83	68.2	-13.45	239	37	Peak
5652.25	53.23	42.36	10.87	69.86	-16.63	239	37	Peak
5924.2	52.77	41.66	11.11	68.79	-16.02	239	37	Peak
*5996.65	53.05	41.72	11.33	68.2	-15.15	239	37	Peak

Remarks:

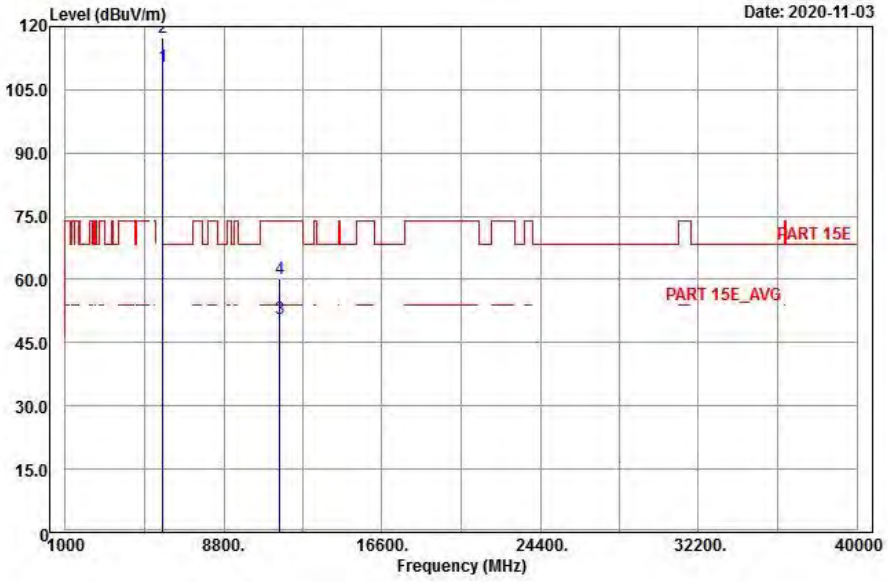
1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5745 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

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

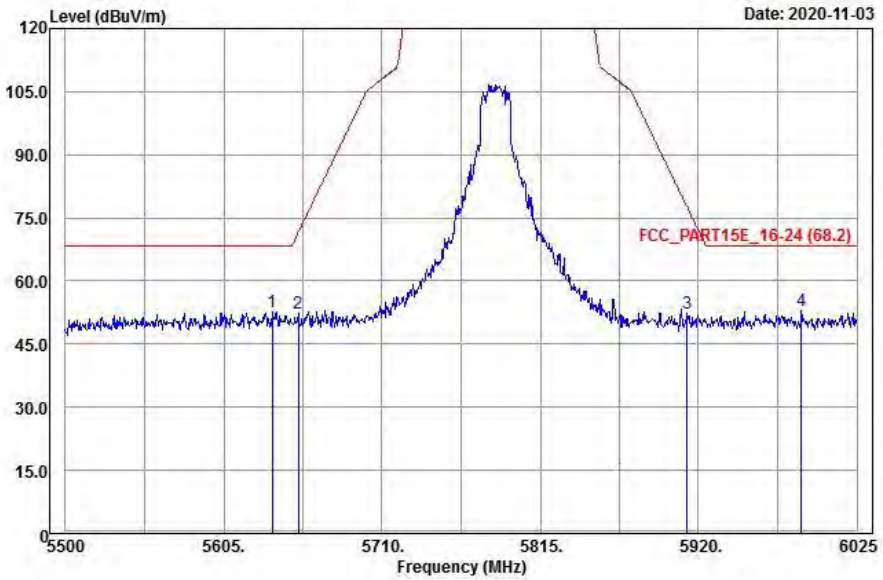
<Spurious Emission>
Horizontal



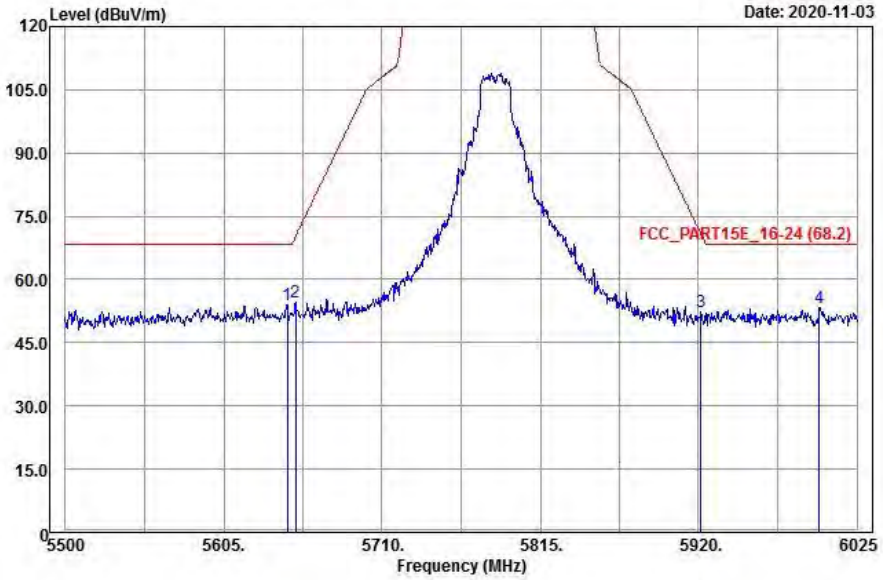
Vertical



<Out of Band Emission (OOBE)>
Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5785	103.69	92.88	10.81			109	28	Average
5785	110.75	99.94	10.81			109	28	Peak
11570	46.82	30.33	16.49	54	-7.18	161	206	Average
11570	56.21	39.72	16.49	74	-17.79	161	206	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	110.37	99.56	10.81			239	37	Average
5785	117.4	106.59	10.81			239	37	Peak
11570	50.71	34.22	16.49	54	-3.29	208	63	Average
11570	60.14	43.65	16.49	74	-13.86	208	63	Peak

<Out of Band Emission (OOBE)>

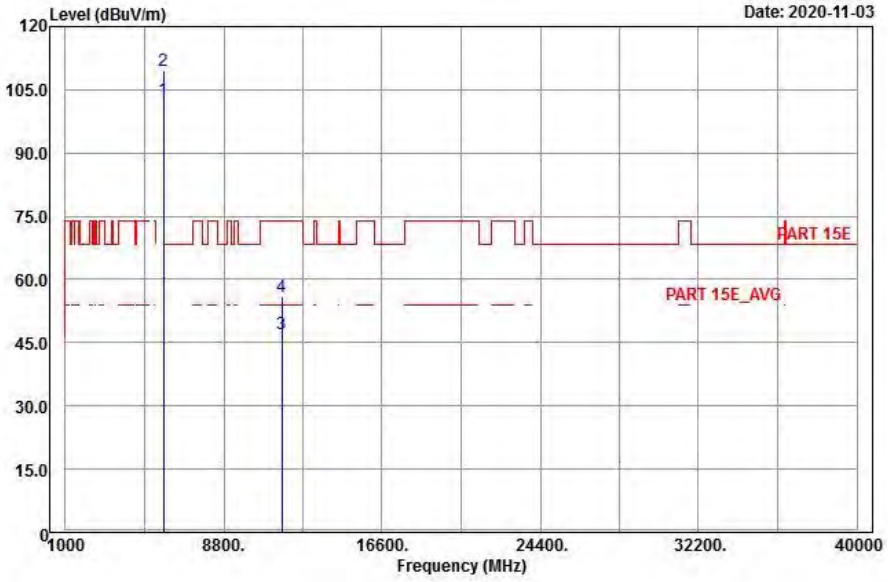
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5637.025	52.72	41.89	10.83	68.2	-15.48	109	28	Peak
5654.35	52.39	41.52	10.87	71.42	-19.03	109	28	Peak
5912.65	52.46	41.39	11.07	77.34	-24.88	109	28	Peak
*5988.25	52.86	41.55	11.31	68.2	-15.34	109	28	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
*5647	54.1	43.25	10.85	68.2	-14.1	239	37	Peak
5652.775	54.75	43.88	10.87	70.25	-15.5	239	37	Peak
5921.575	52.16	41.05	11.11	70.73	-18.57	239	37	Peak
*6000.325	53.33	42	11.33	68.2	-14.87	239	37	Peak

Remarks:

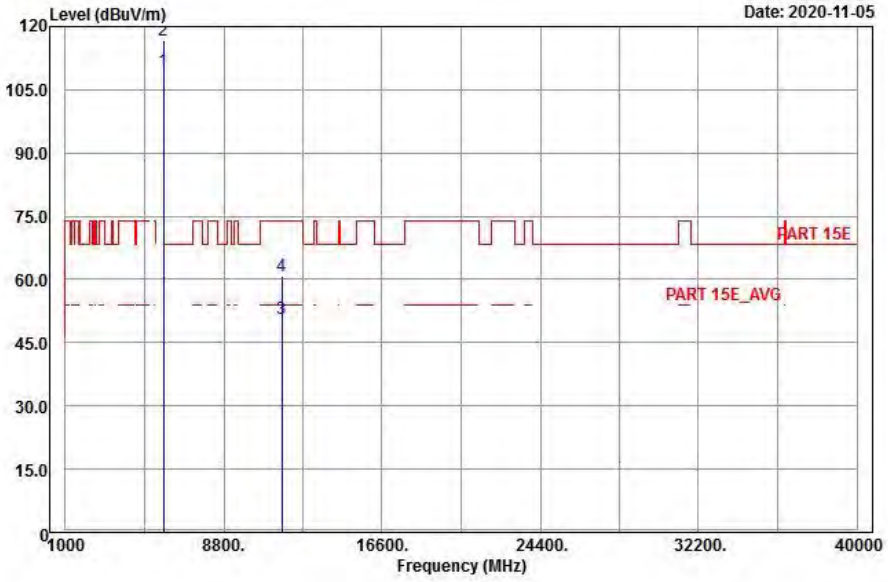
1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
   Margin Value = Emission Level – Limit value
2. 5785 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

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

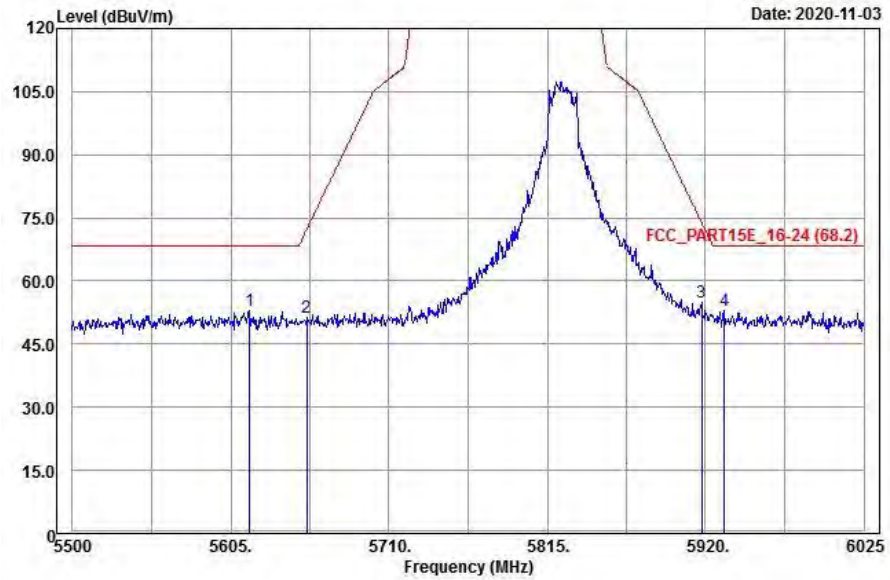
<Spurious Emission>
Horizontal



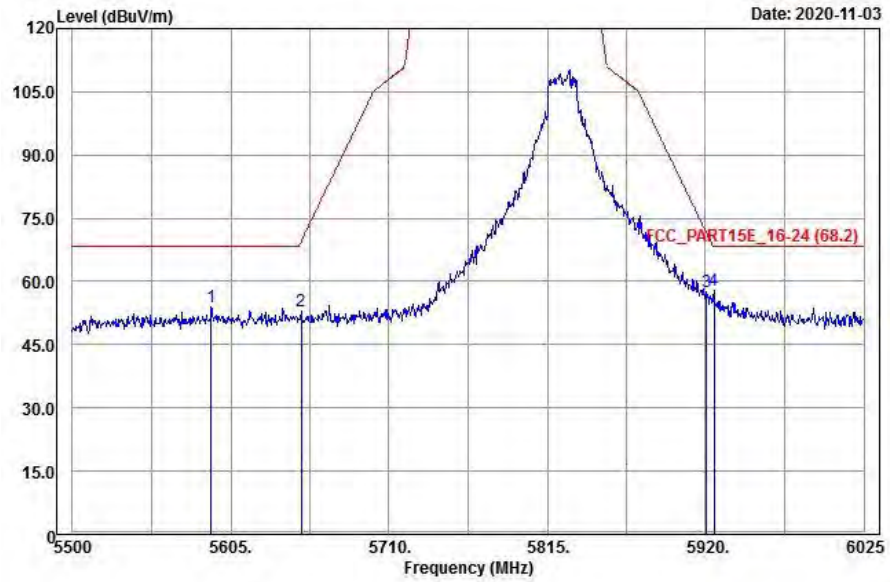
Vertical



<Out of Band Emission (OOBE)>
Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5825	102.58	91.7	10.88			110	28	Average
5825	109.61	98.73	10.88			110	28	Peak
11650	46.93	30.15	16.78	54	-7.07	157	206	Average
11650	55.99	39.21	16.78	74	-18.01	157	206	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	109.58	98.7	10.88			239	37	Average
5825	116.79	105.91	10.88			239	37	Peak
11650	50.81	34.03	16.78	54	-3.19	208	63	Average
11650	60.77	43.99	16.78	74	-13.23	208	63	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
*5617.6	53.07	42.28	10.79	68.2	-15.13	110	28	Peak
5655.4	51.45	40.58	10.87	72.2	-20.75	110	28	Peak
5917.375	54.89	43.8	11.09	73.84	-18.95	110	28	Peak
*5932.6	52.82	41.71	11.11	68.2	-15.38	110	28	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
*5591.875	53.81	43.06	10.75	68.2	-14.39	239	37	Peak
5651.725	52.96	42.09	10.87	69.48	-16.52	239	37	Peak
5920.525	57.57	46.48	11.09	71.51	-13.94	239	37	Peak
*5925.775	58.03	46.92	11.11	68.2	-10.17	239	37	Peak

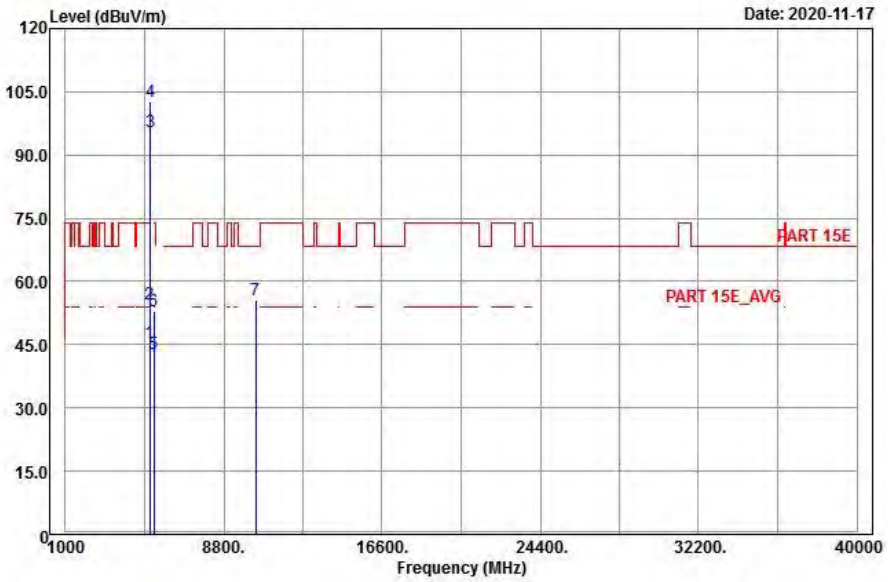
Remarks:

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

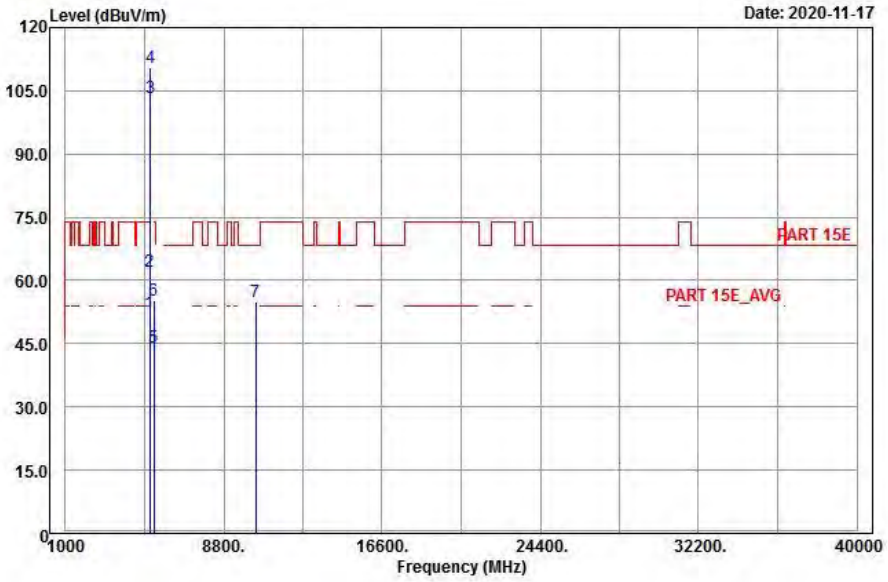
802.11ax (HE40)

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

Horizontal



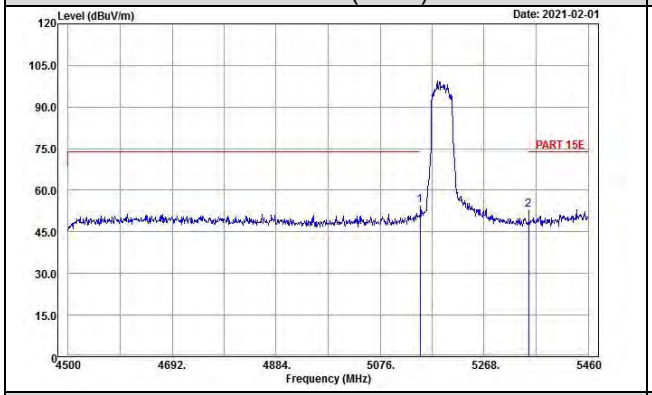
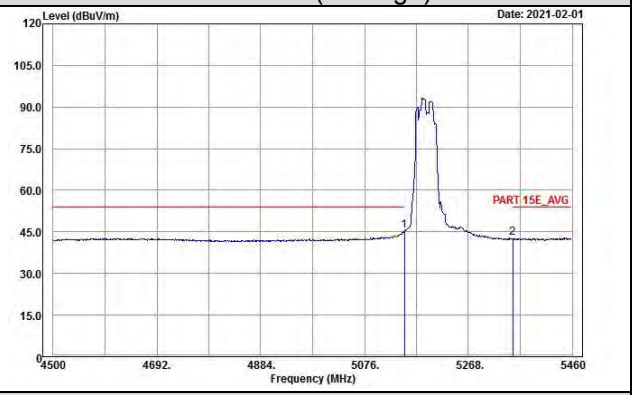
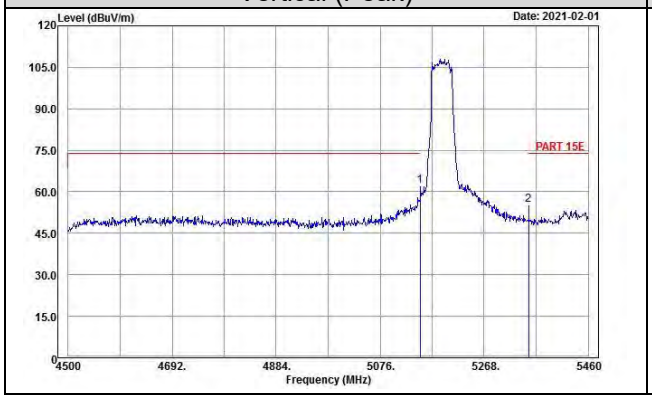
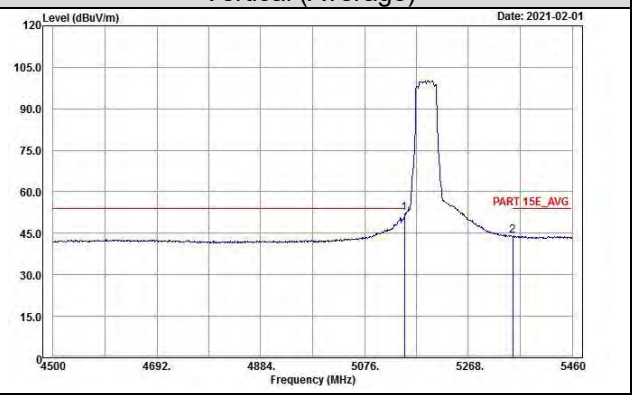
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	45.52	35.47	10.05	54	-8.48	184	26	Average
5150	54.48	44.43	10.05	74	-19.52	184	26	Peak
5190	95.61	85.49	10.12			192	21	Average
5190	102.8	92.68	10.12			192	21	Peak
5350	42.98	32.75	10.23	54	-11.02	192	21	Average
5350	53.01	42.78	10.23	74	-20.99	192	21	Peak
*10380	55.68	39.58	16.1	68.2	-12.52	182	332	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	52.46	42.41	10.05	54	-1.54	220	309	Average
5150	62.16	52.11	10.05	74	-11.84	220	309	Peak
5190	103.2	93.08	10.12			220	18	Average
5190	110.45	100.33	10.12			220	18	Peak
5350	44.25	34.02	10.23	54	-9.75	220	18	Average
5350	55.12	44.89	10.23	74	-18.88	220	18	Peak
*10380	54.82	38.72	16.1	68.2	-13.38	118	52	Peak

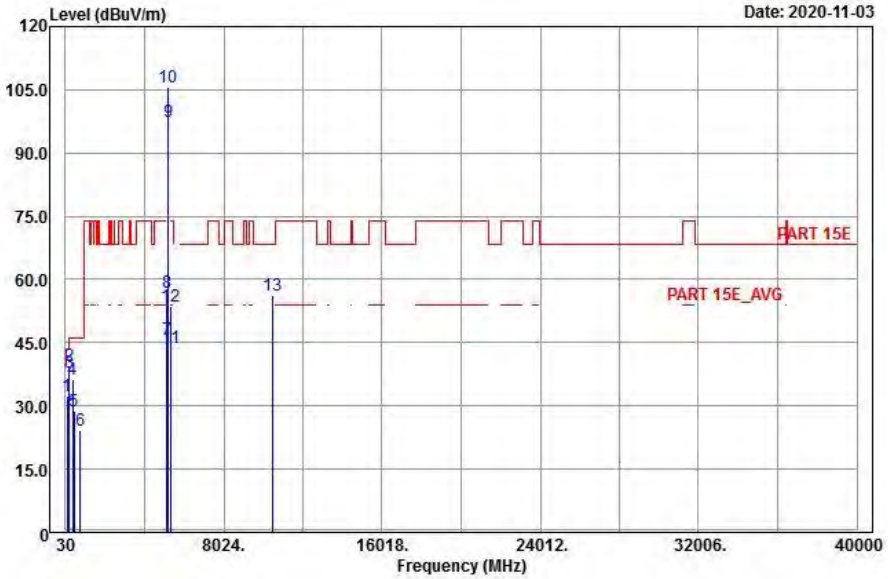
Remarks:

1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5190 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

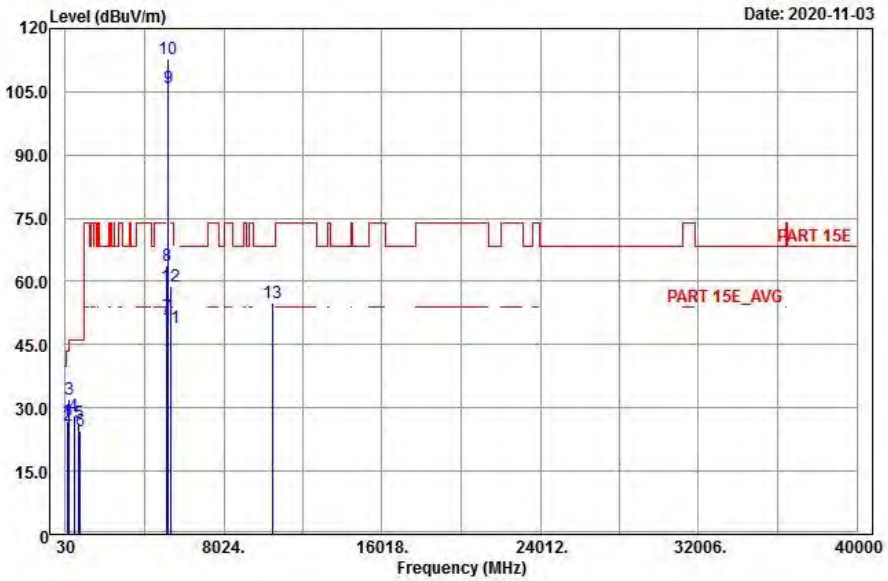
Channel 38	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



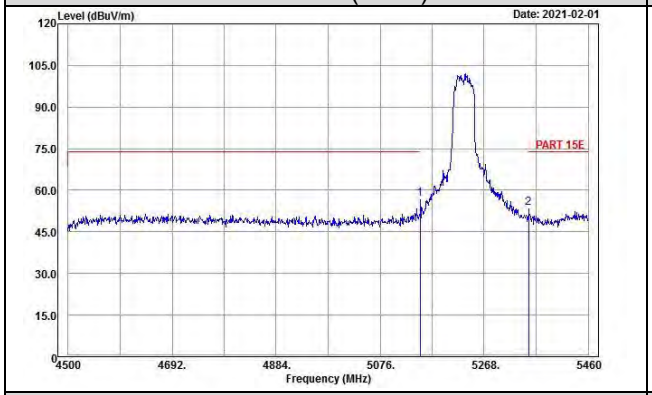
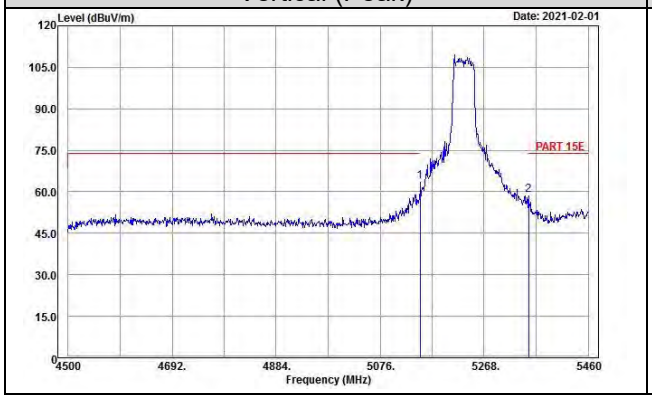
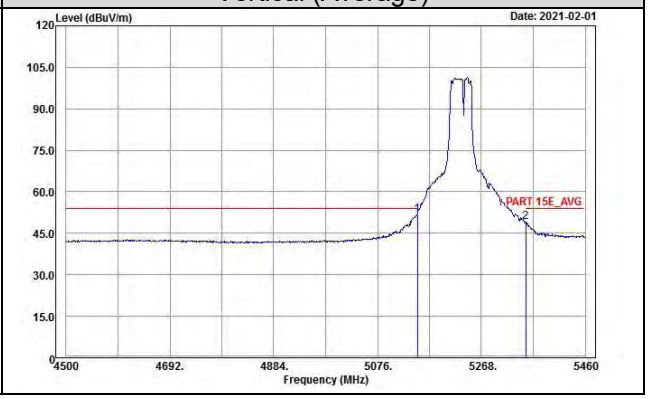
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
126.93	32.41	52.6	-20.19	43.5	-11.09	136	325	Peak
219	39.44	57.32	-17.88	46	-6.56	105	25	Peak
224.13	37.98	55.64	-17.66	46	-8.02	117	4	Peak
384	36.31	50.49	-14.18	46	-9.69	184	111	Peak
477.8	28.91	41.65	-12.74	46	-17.09	180	169	Peak
768.3	24.12	32.38	-8.26	46	-21.88	147	111	Peak
5150	45.86	35.81	10.05	54	-8.14	199	16	Average
5150	56.75	46.7	10.05	74	-17.25	199	16	Peak
5230	97.46	87.32	10.14			192	21	Average
5230	105.64	95.5	10.14			192	21	Peak
5350	43.93	33.7	10.23	54	-10.07	192	21	Average
5350	53.73	43.5	10.23	74	-20.27	192	21	Peak
*10460	56.09	40.09	16	68.2	-12.11	118	257	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
127.47	26.69	46.88	-20.19	43.5	-16.81	180	198	Peak
170.4	25.93	46.21	-20.28	43.5	-17.57	106	165	Peak
223.59	31.97	49.63	-17.66	46	-14.03	125	225	Peak
447.7	28.12	41.42	-13.3	46	-17.88	114	44	Peak
692	26.38	35.67	-9.29	46	-19.62	105	111	Peak
768.3	24.59	32.85	-8.26	46	-21.41	164	85	Peak
5150	51.79	41.74	10.05	54	-2.21	218	317	Average
5150	63.73	53.68	10.05	74	-10.27	218	317	Peak
5230	106.01	95.87	10.14			219	20	Average
5230	112.78	102.64	10.14			219	20	Peak
5350	49.17	38.94	10.23	54	-4.83	219	20	Average
5350	59.01	48.78	10.23	74	-14.99	219	20	Peak
*10460	54.85	38.85	16	68.2	-13.35	118	34	Peak

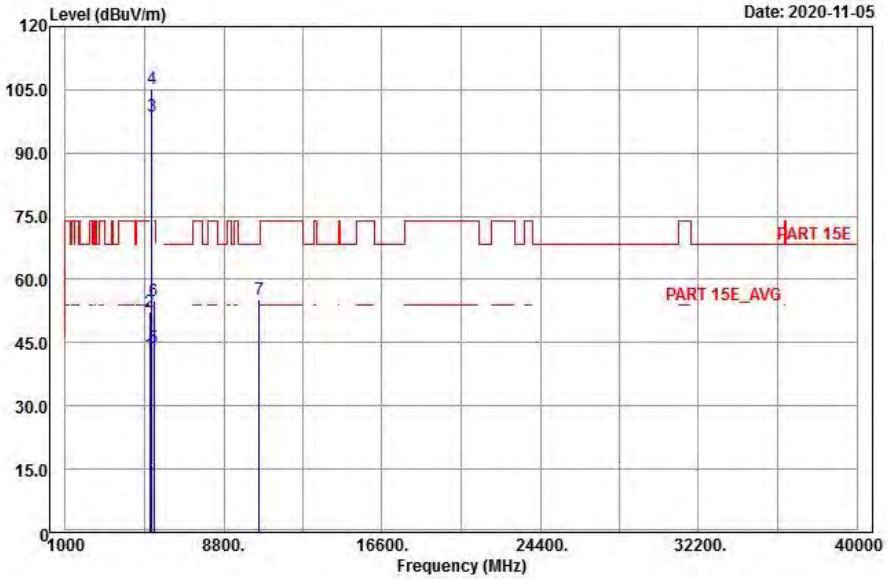
Remarks:

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

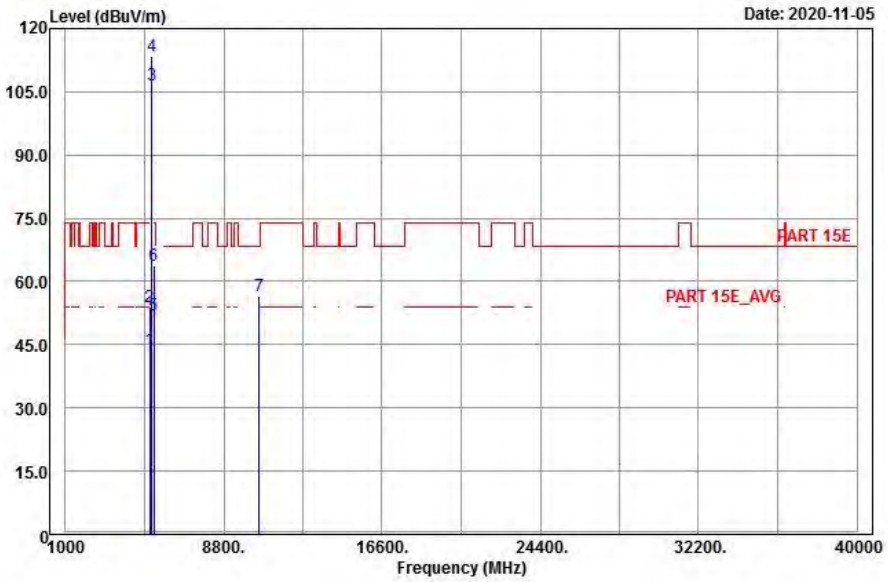
Channel 46	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



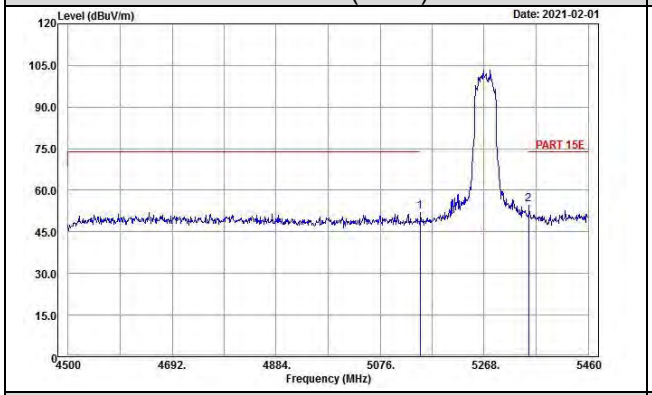
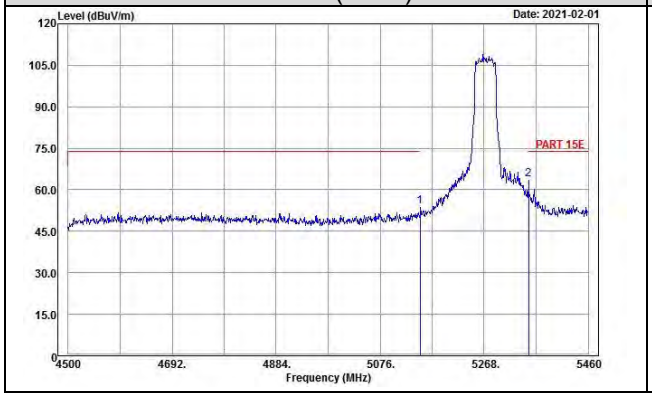
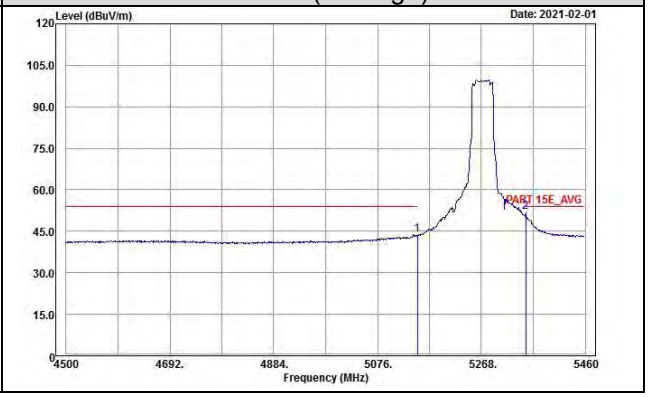
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	42.14	32.09	10.05	54	-11.86	210	20	Average
5150	52.47	42.42	10.05	74	-21.53	210	20	Peak
5270	98.59	88.47	10.12			210	20	Average
5270	105.4	95.28	10.12			210	20	Peak
5350	43.66	33.43	10.23	54	-10.34	210	20	Average
5350	54.97	44.74	10.23	74	-19.03	210	20	Peak
*10540	55.39	39.56	15.83	68.2	-12.81	162	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
5150	43.76	33.71	10.05	54	-10.24	211	19	Average
5150	54.02	43.97	10.05	74	-19.98	211	19	Peak
5270	106.48	96.36	10.12			211	19	Average
5270	113.39	103.27	10.12			211	19	Peak
5350	51.95	41.72	10.23	54	-2.05	214	342	Average
5350	63.88	53.65	10.23	74	-10.12	214	342	Peak
*10540	56.69	40.86	15.83	68.2	-11.51	184	274	Peak

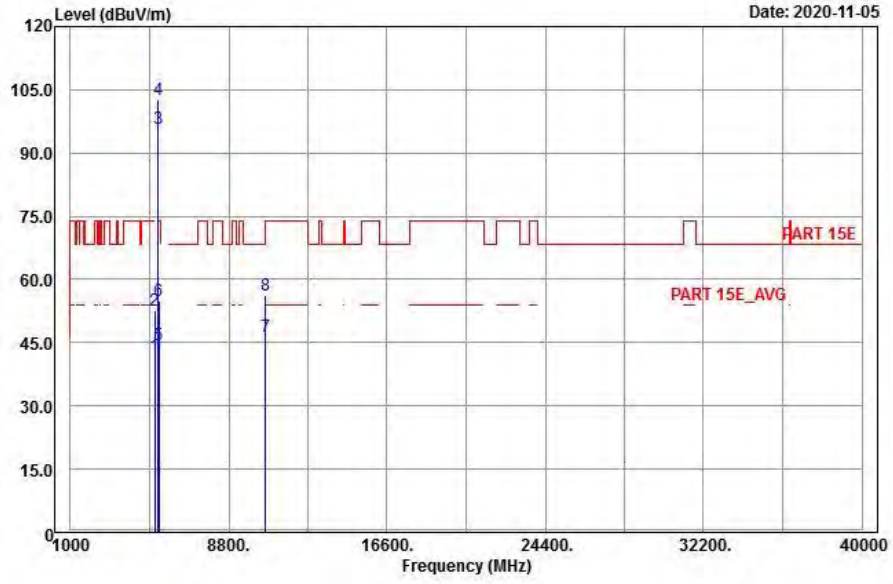
Remarks:

1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5270 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

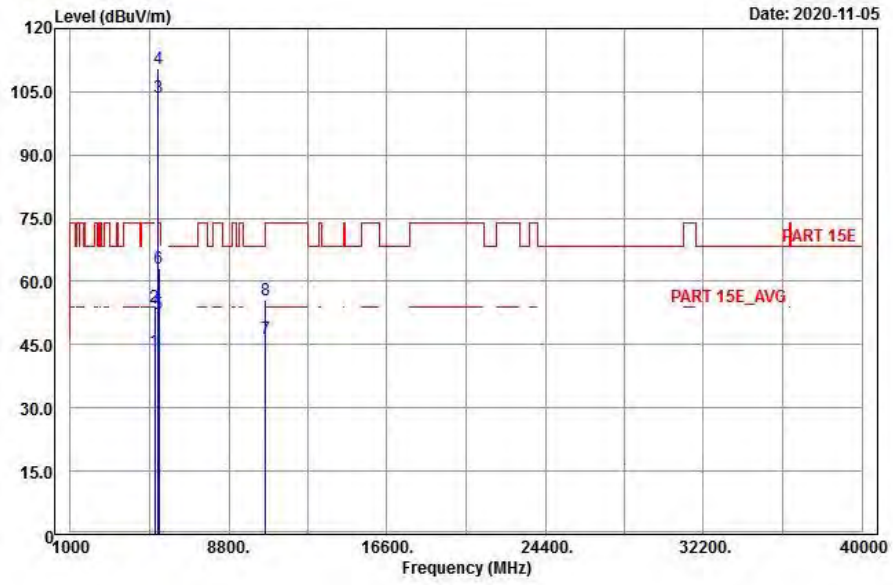
Channel 54	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



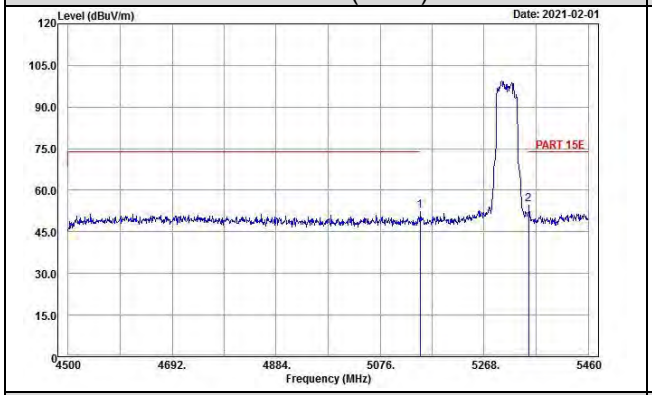
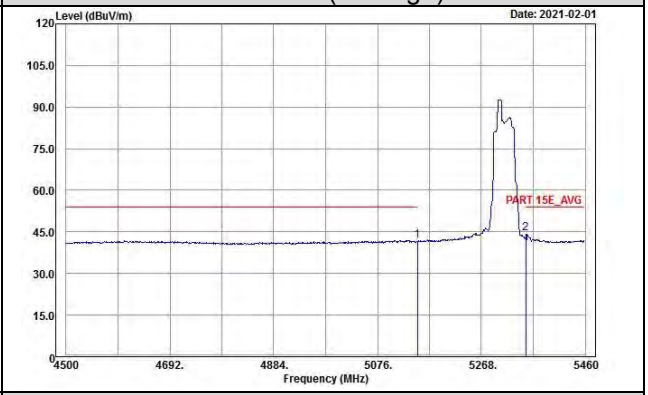
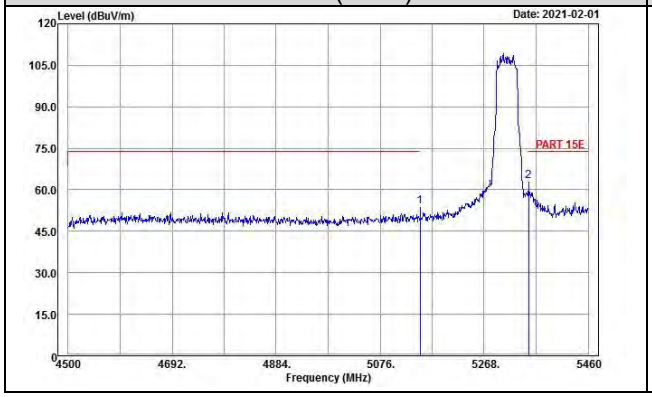
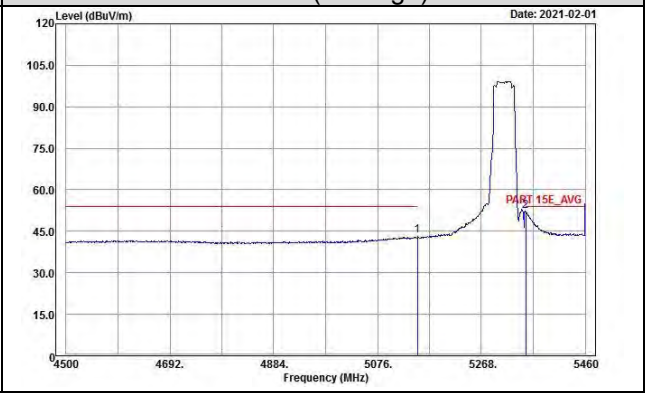
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	41.98	31.93	10.05	54	-12.02	220	20	Average
5150	52.8	42.75	10.05	74	-21.2	220	20	Peak
5310	95.74	85.65	10.09			220	20	Average
5310	102.81	92.72	10.09			220	20	Peak
5350	44.42	34.19	10.23	54	-9.58	220	20	Average
5350	54.97	44.74	10.23	74	-19.03	220	20	Peak
10620	46.48	30.6	15.88	54	-7.52	156	228	Average
10620	56.14	40.26	15.88	74	-17.86	156	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
5150	43.63	33.58	10.05	54	-10.37	221	19	Average
5150	53.94	43.89	10.05	74	-20.06	221	19	Peak
5310	103.65	93.56	10.09			221	19	Average
5310	110.54	100.45	10.09			221	19	Peak
5350	52.29	42.06	10.23	54	-1.71	225	21	Average
5350	63.02	52.79	10.23	74	-10.98	225	21	Peak
10620	46.39	30.51	15.88	54	-7.61	187	105	Average
10620	55.74	39.86	15.88	74	-18.26	187	105	Peak

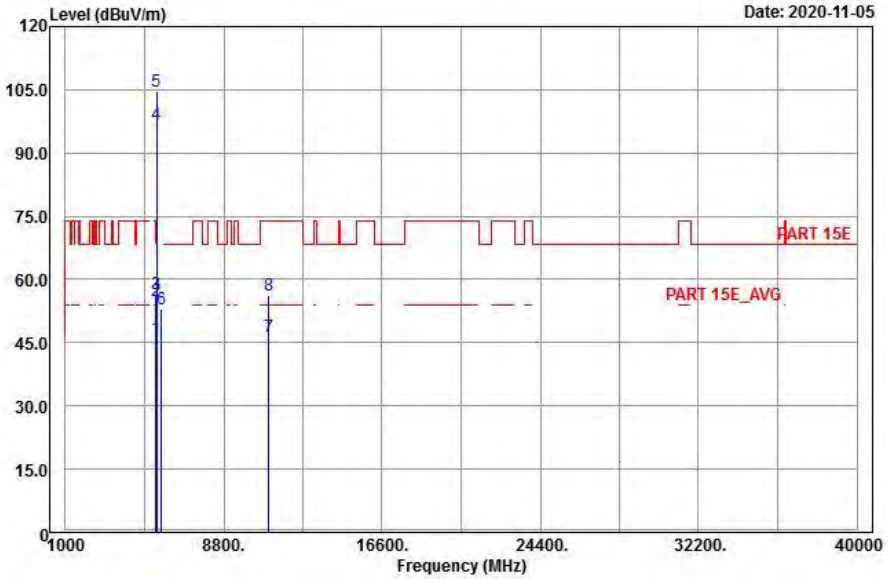
Remarks:

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

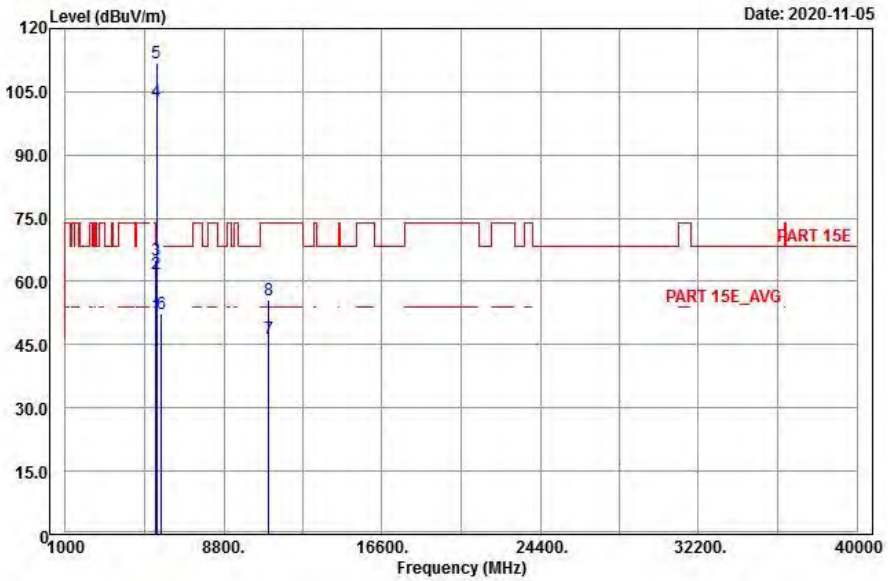
Channel 62	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



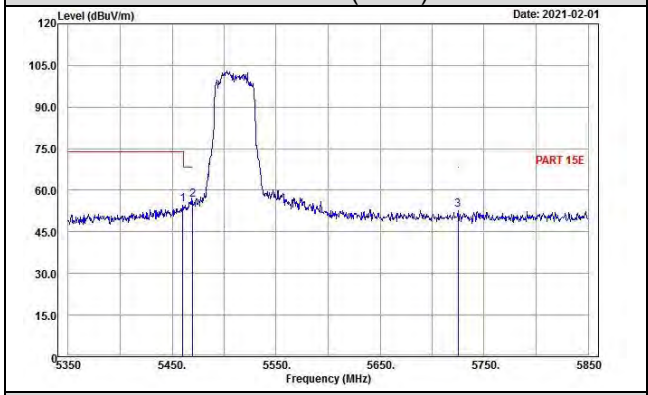
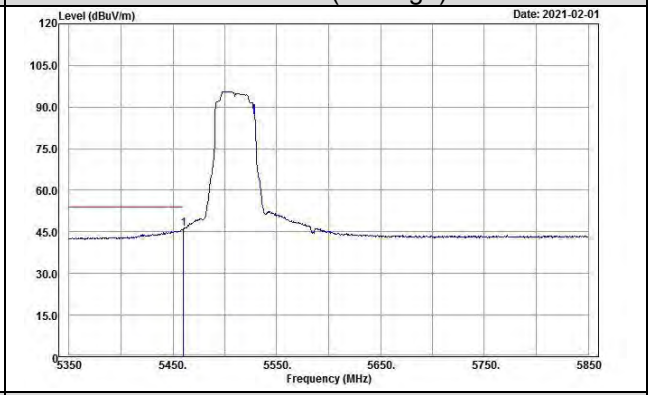
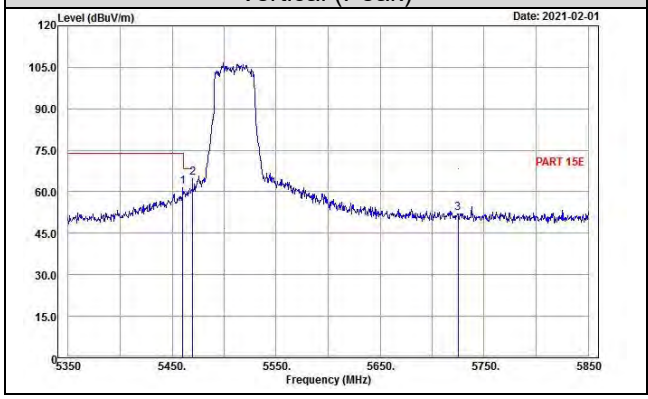
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46.05	35.54	10.51	54	-7.95	127	14	Average
5460	54.84	44.33	10.51	74	-19.16	127	14	Peak
*5470	56.46	45.93	10.53	68.2	-11.74	127	14	Peak
5510	96.75	86.15	10.6			127	14	Average
5510	104.68	94.08	10.6			127	14	Peak
*5725	53.11	42.19	10.92	68.2	-15.09	127	14	Peak
11020	46.48	30.32	16.16	54	-7.52	137	58	Average
11020	56.17	40.01	16.16	74	-17.83	137	58	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	51.93	41.42	10.51	54	-2.07	232	19	Average
5460	61.72	51.21	10.51	74	-12.28	232	19	Peak
*5470	65.15	54.62	10.53	68.2	-3.05	232	19	Peak
5510	102.55	91.95	10.6			232	19	Average
5510	111.67	101.07	10.6			232	19	Peak
*5725	52.38	41.46	10.92	68.2	-15.82	232	19	Peak
11020	46.38	30.22	16.16	54	-7.62	194	76	Average
11020	55.72	39.56	16.16	74	-18.28	194	76	Peak

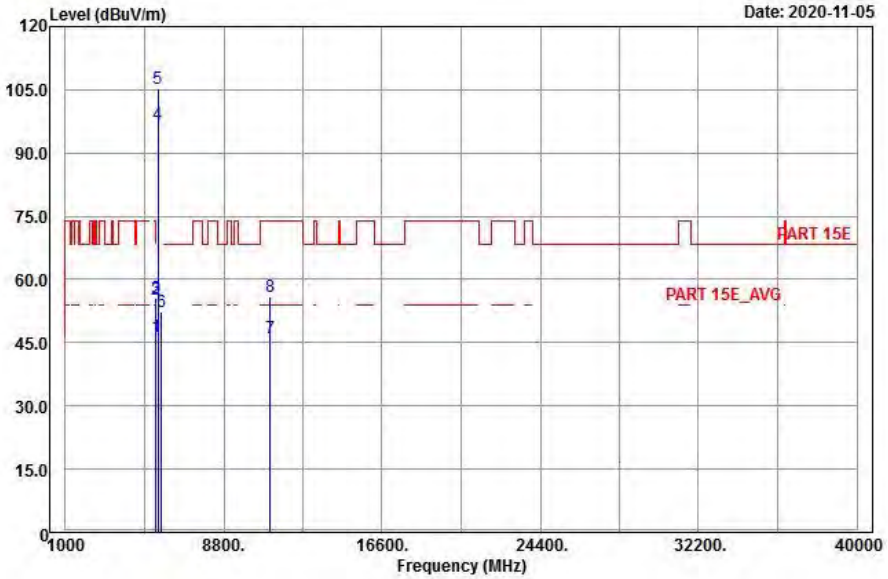
Remarks:

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

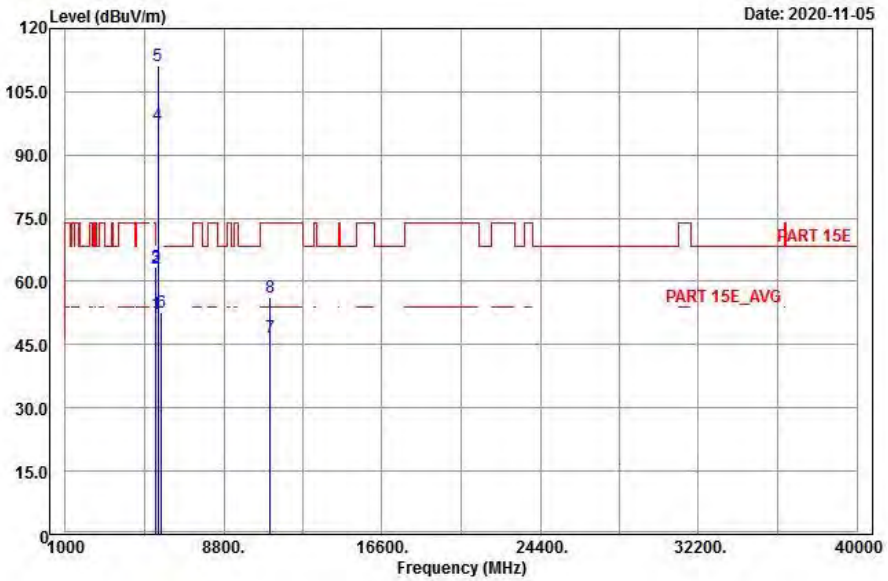
Channel 102	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



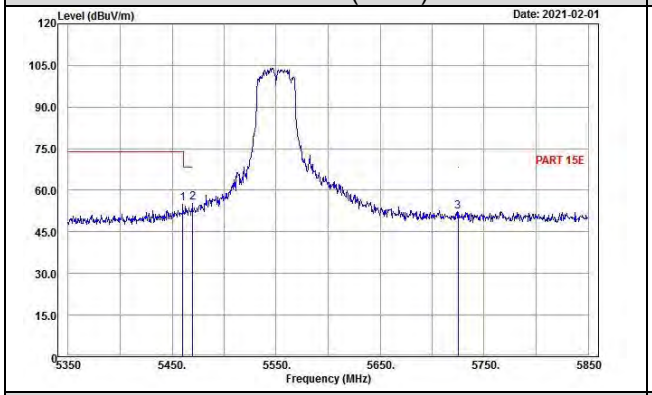
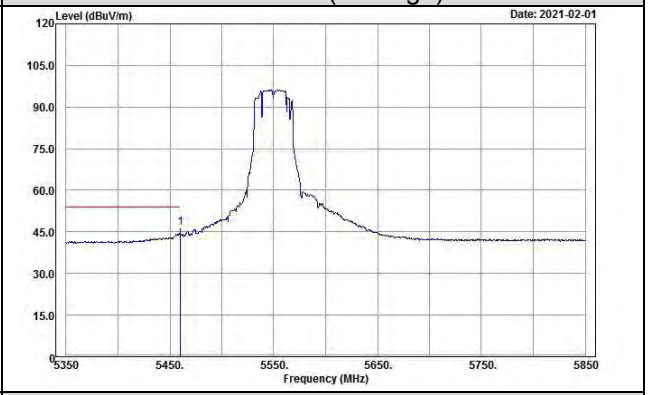
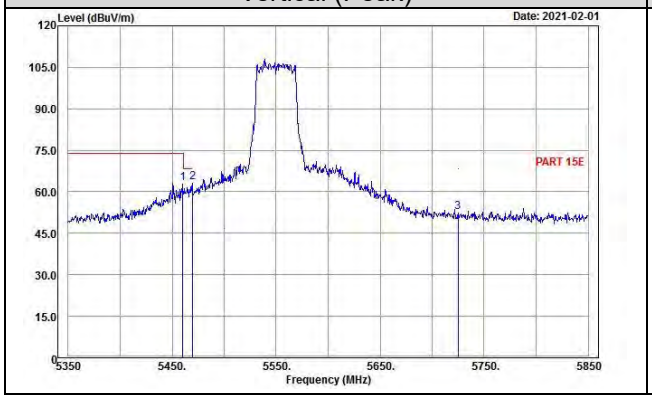
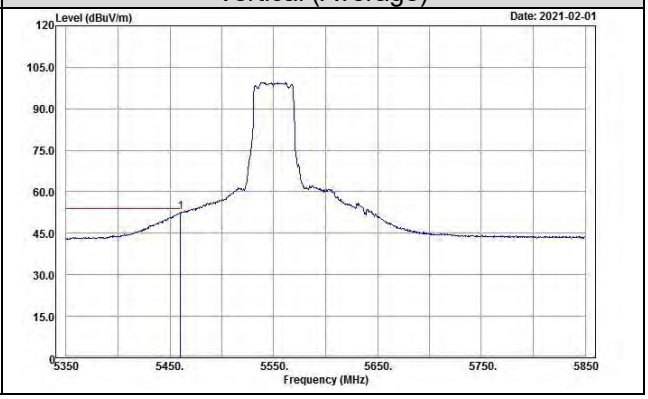
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46.39	35.88	10.51	54	-7.61	127	14	Average
5460	55.26	44.75	10.51	74	-18.74	127	14	Peak
*5470	55.66	45.13	10.53	68.2	-12.54	127	14	Peak
5550	96.84	86.16	10.68			127	14	Average
5550	105.29	94.61	10.68			127	14	Peak
*5725	52.39	41.47	10.92	68.2	-15.81	127	14	Peak
11100	46.04	29.77	16.27	54	-7.96	192	351	Average
11100	55.79	39.52	16.27	74	-18.21	192	351	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.48	41.97	10.51	54	-1.52	232	19	Average
5460	63.08	52.57	10.51	74	-10.92	232	19	Peak
*5470	63.55	53.02	10.53	68.2	-4.65	232	19	Peak
5550	97.15	86.47	10.68			232	19	Average
5550	111.11	100.43	10.68			232	19	Peak
*5725	52.64	41.72	10.92	68.2	-15.56	232	19	Peak
11100	46.62	30.35	16.27	54	-7.38	162	79	Average
11100	56.32	40.05	16.27	74	-17.68	162	79	Peak

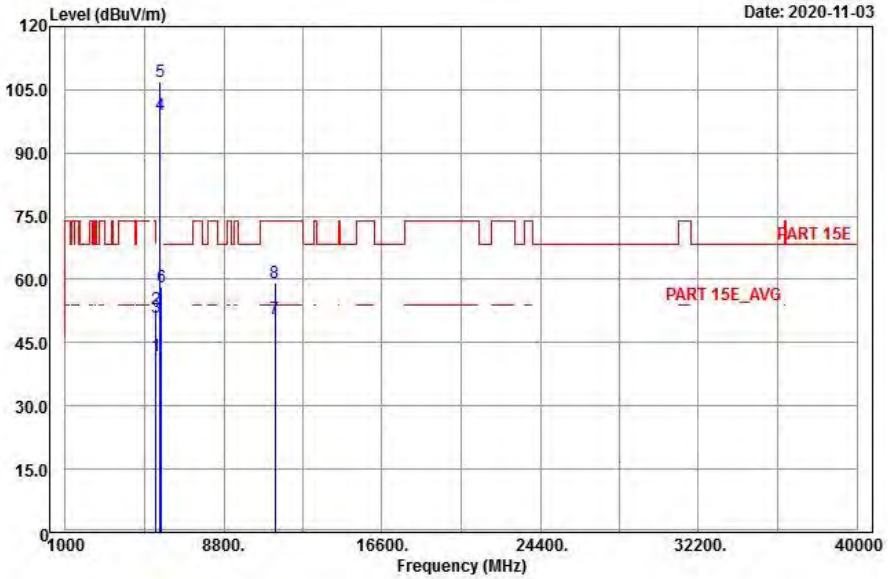
Remarks:

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.

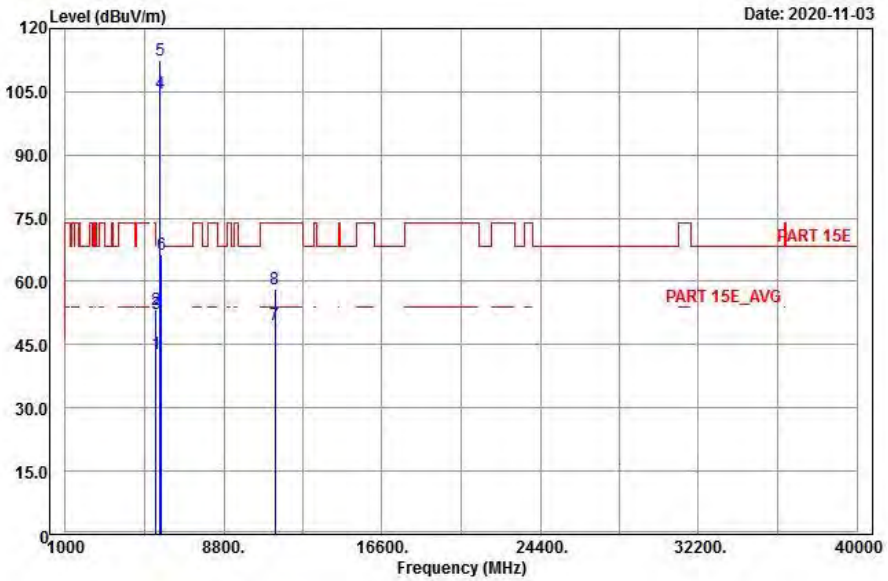
Channel 110	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



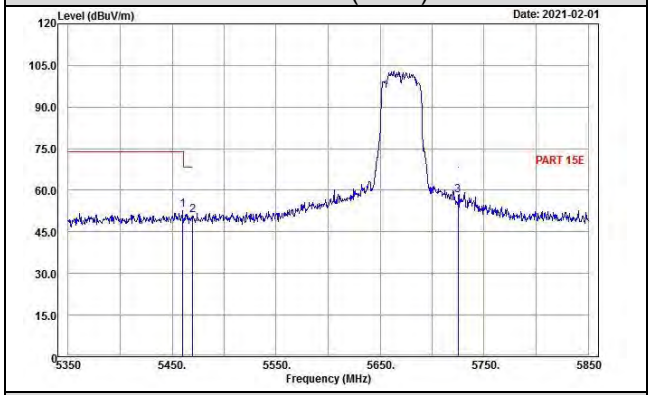
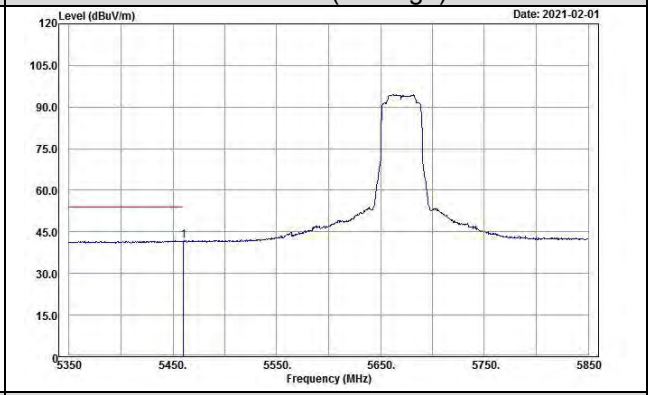
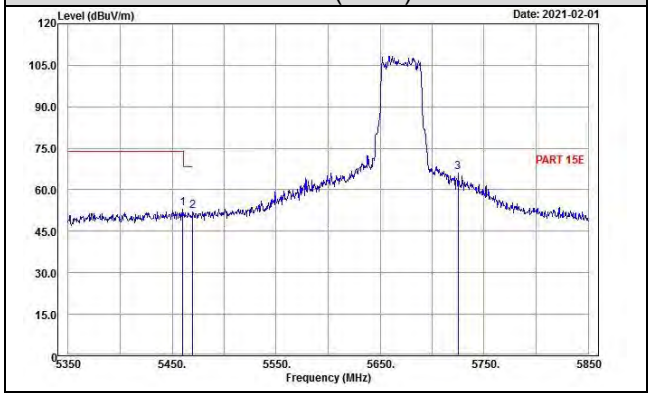
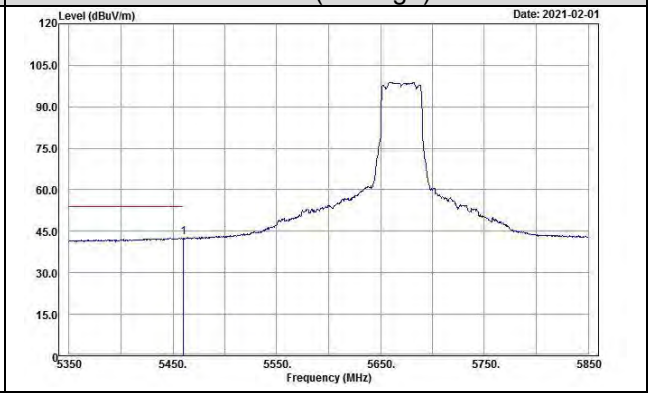
Vertical



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	41.89	31.38	10.51	54	-12.11	125	32	Average
5460	52.95	42.44	10.51	74	-21.05	125	32	Peak
*5470	50.95	40.42	10.53	68.2	-17.25	125	32	Peak
5670	99.23	88.33	10.9			125	32	Average
5670	106.9	96	10.9			125	32	Peak
*5725	58.14	47.22	10.92	68.2	-10.06	125	32	Peak
11340	50.54	34.12	16.42	54	-3.46	106	165	Average
11340	59.21	42.79	16.42	74	-14.79	106	165	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	42.71	32.2	10.51	54	-11.29	232	19	Average
5460	53.24	42.73	10.51	74	-20.76	232	19	Peak
*5470	52.17	41.64	10.53	68.2	-16.03	232	19	Peak
5670	104.79	93.89	10.9			232	19	Average
5670	112.45	101.55	10.9			232	19	Peak
*5725	66.33	55.41	10.92	68.2	-1.87	232	19	Peak
11340	49.67	33.25	16.42	54	-4.33	169	168	Average
11340	58.25	41.83	16.42	74	-15.75	169	168	Peak

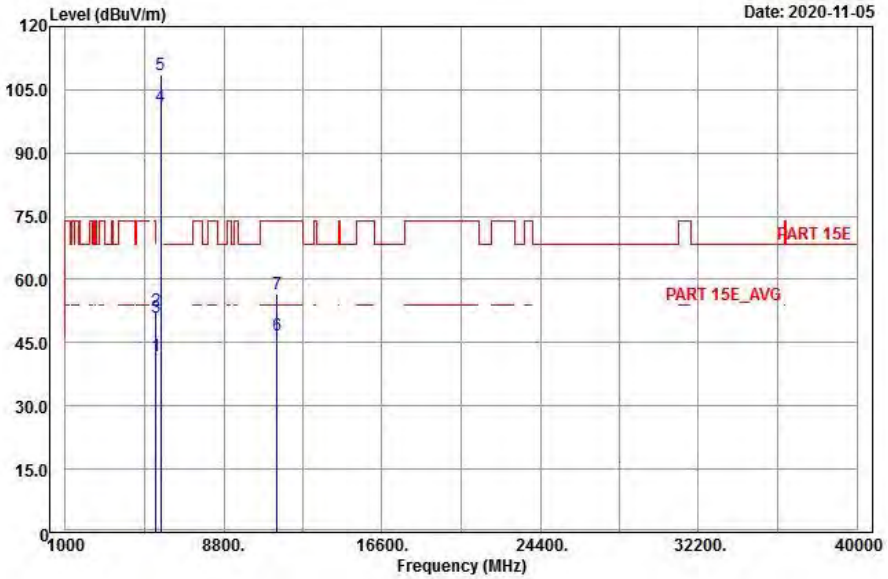
Remarks:

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

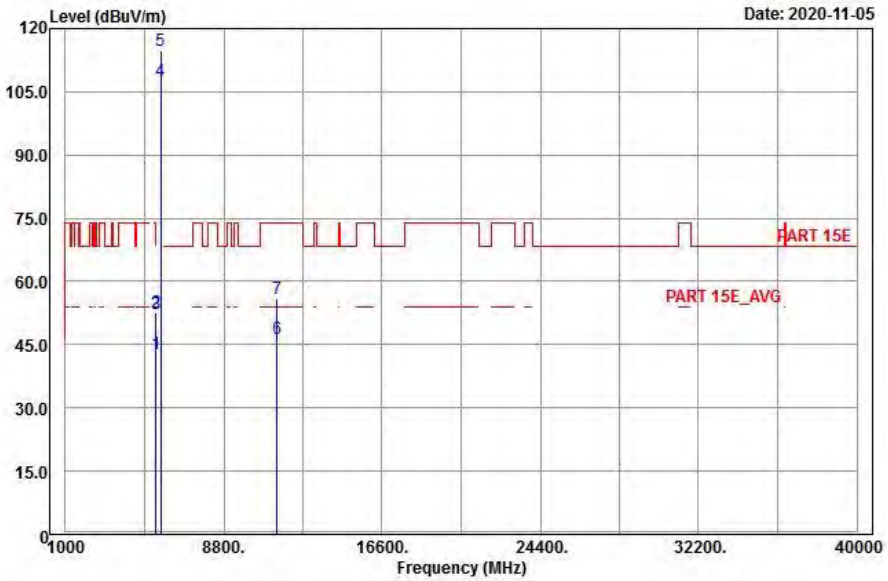
Channel 134	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



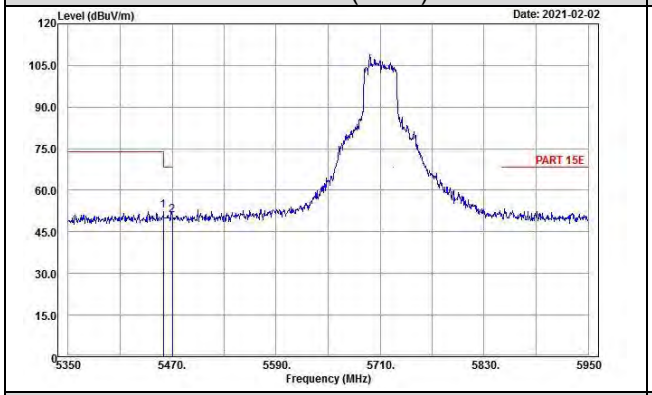
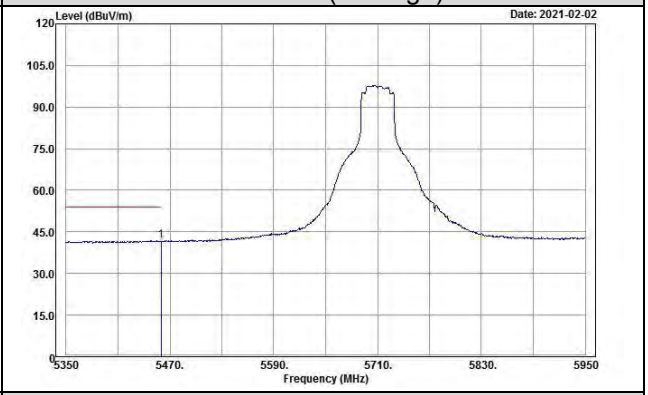
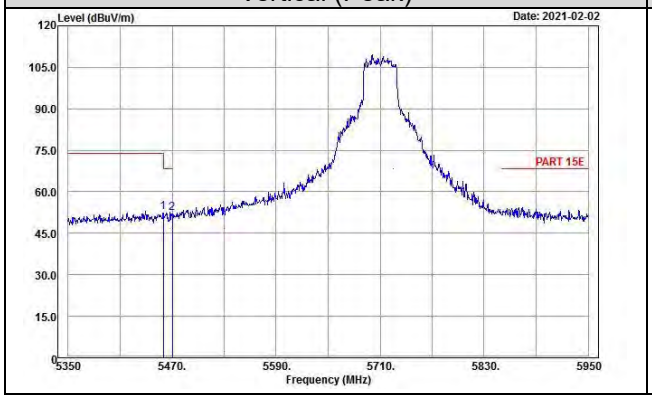
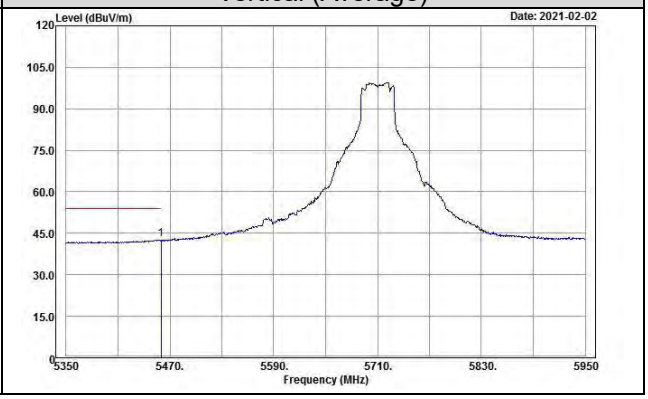
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	41.87	31.36	10.51	54	-12.13	119	28	Average
5460	52.94	42.43	10.51	74	-21.06	119	28	Peak
*5470	50.89	40.36	10.53	68.2	-17.31	119	28	Peak
5710	101.28	90.37	10.91			119	28	Average
5710	108.12	97.21	10.91			119	28	Peak
11420	46.57	30.31	16.26	54	-7.43	136	290	Average
11420	56.64	40.38	16.26	74	-17.36	136	290	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	42.85	32.34	10.51	54	-11.15	211	19	Average
5460	52.91	42.4	10.51	74	-21.09	211	19	Peak
*5470	51.86	41.33	10.53	68.2	-16.34	211	19	Peak
5710	107.64	96.73	10.91			211	19	Average
5710	114.5	103.59	10.91			211	19	Peak
11420	46.74	30.48	16.26	54	-7.26	124	175	Average
11420	56.41	40.15	16.26	74	-17.59	124	175	Peak

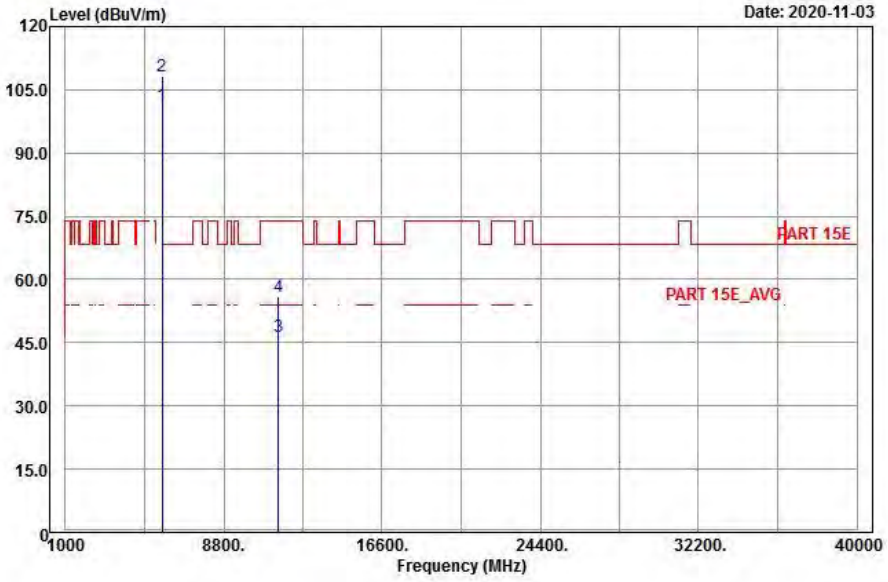
Remarks:

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.

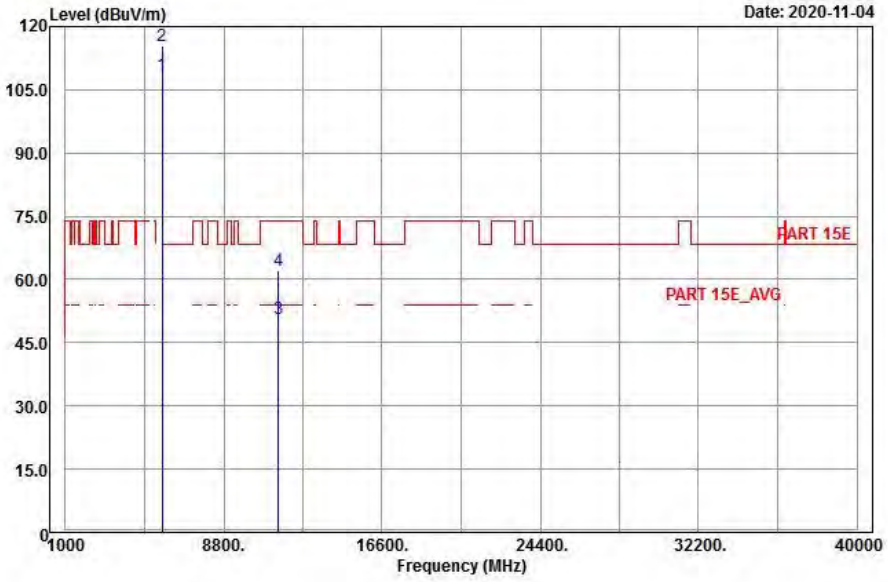
Channel 142	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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**	Charles Hsiao

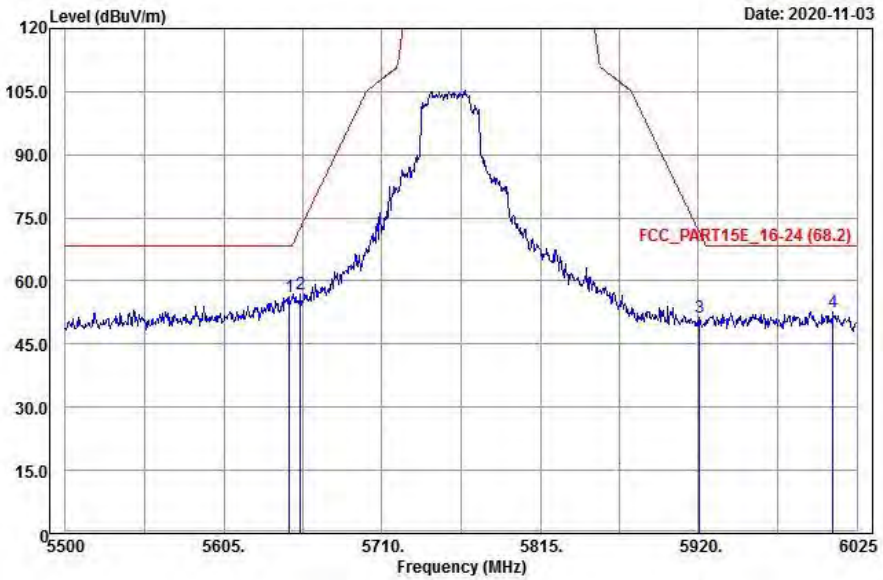
<Spurious Emission>
Horizontal



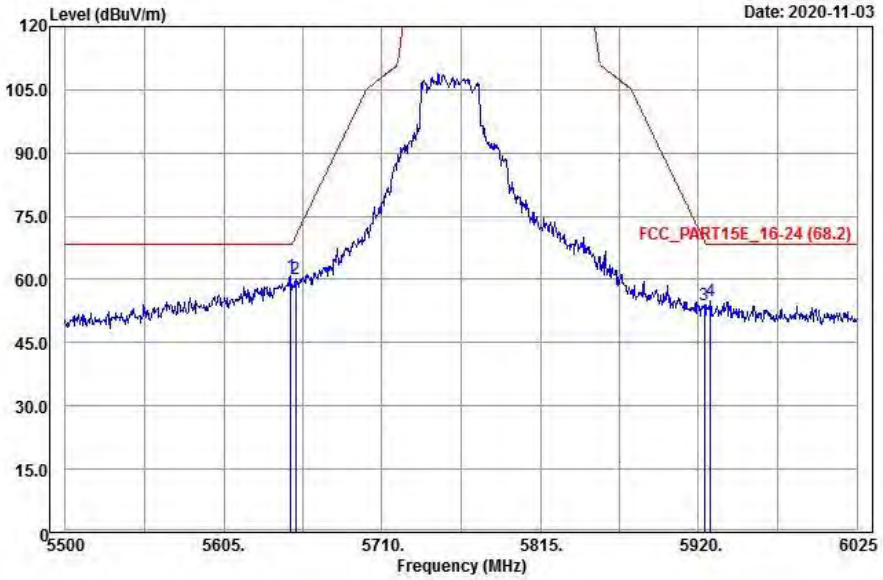
Vertical



<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	101.37	90.47	10.9			110	28	Average
5755	108.24	97.34	10.9			110	28	Peak
11510	46.32	29.81	16.51	54	-7.68	159	226	Average
11510	55.93	39.42	16.51	74	-18.07	159	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
5755	108.59	97.69	10.9			239	37	Average
5755	115.26	104.36	10.9			239	37	Peak
11510	50.71	34.2	16.51	54	-3.29	202	61	Average
11510	61.97	45.46	16.51	74	-12.03	202	61	Peak

<Out of Band Emission (OOBE)>

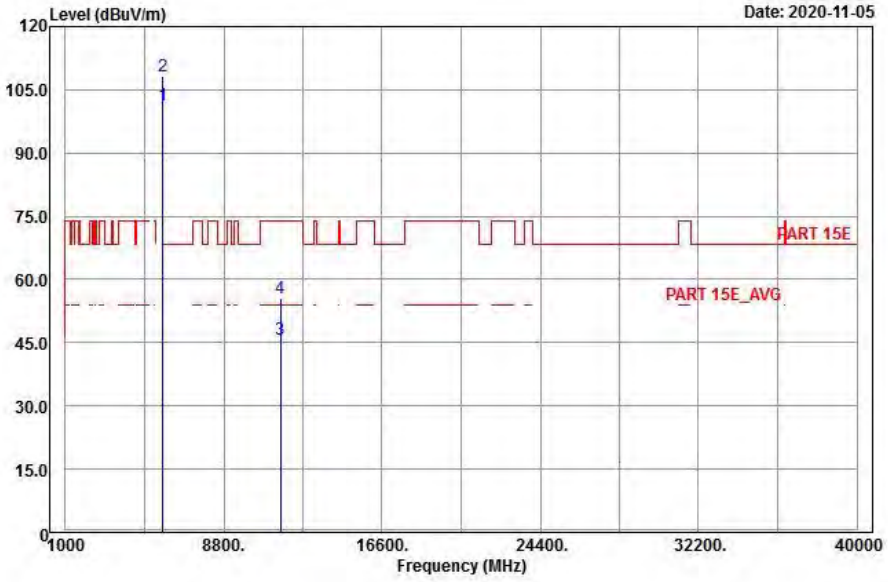
Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5648.575	56.22	45.37	10.85	68.2	-11.98	110	28	Peak
5655.925	56.97	46.1	10.87	72.58	-15.61	110	28	Peak
5920.525	51.22	40.13	11.09	71.51	-20.29	110	28	Peak
*6009.25	52.67	41.32	11.35	68.2	-15.53	110	28	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
*5649.625	60.93	50.06	10.87	68.2	-7.27	239	37	Peak
5652.775	60.11	49.24	10.87	70.25	-10.14	239	37	Peak
5923.675	54.07	42.96	11.11	69.18	-15.11	239	37	Peak
*5927.875	55	43.89	11.11	68.2	-13.2	239	37	Peak

Remarks:

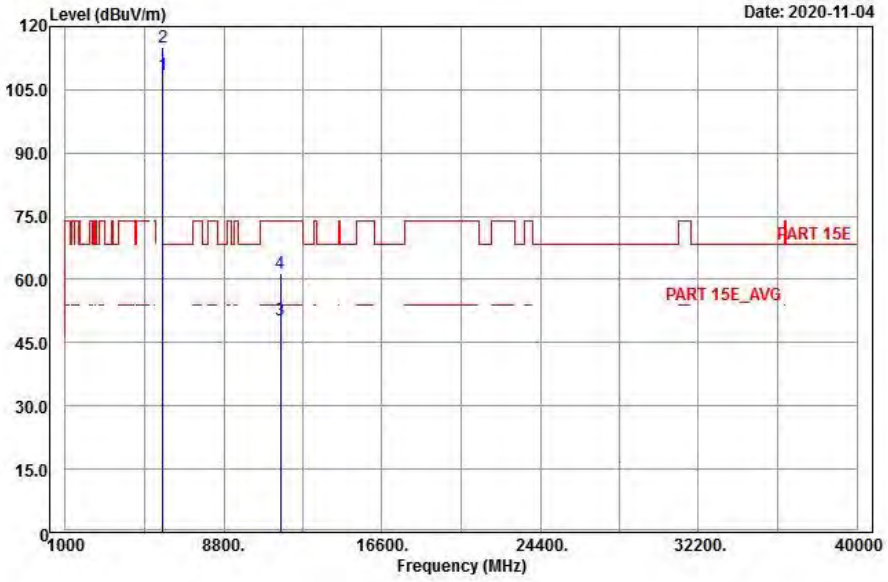
1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
   Margin Value = Emission Level – Limit value
2. 5755 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

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

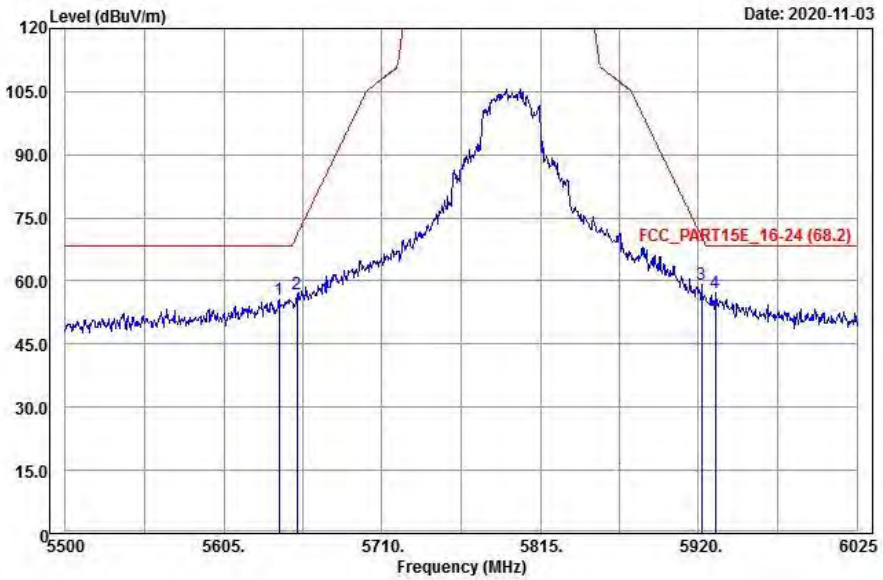
<Spurious Emission>
Horizontal



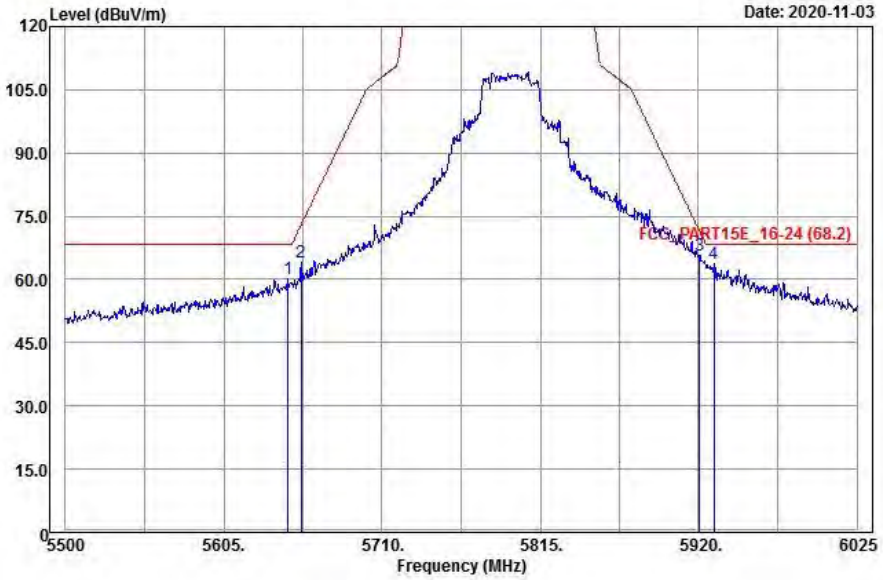
Vertical



<Out of Band Emission (OOBE)>
Horizontal



Vertical



<Spurious Emission>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5795	101.45	90.63	10.82			110	28	Average
5795	108.09	97.27	10.82			110	28	Peak
11590	45.82	29.31	16.51	54	-8.18	162	217	Average
11590	55.44	38.93	16.51	74	-18.56	162	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
5795	108.56	97.74	10.82			239	37	Average
5795	115.01	104.19	10.82			239	37	Peak
11590	50.35	33.84	16.51	54	-3.65	210	63	Average
11590	61.37	44.86	16.51	74	-12.63	210	63	Peak

<Out of Band Emission (OOBE)>

Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
*5641.75	55.74	44.91	10.83	68.2	-12.46	110	28	Peak
5653.825	57.02	46.15	10.87	71.03	-14.01	110	28	Peak
5922.1	59.32	48.21	11.11	70.35	-11.03	110	28	Peak
*5931.025	57.34	46.23	11.11	68.2	-10.86	110	28	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
*5647.525	60.26	49.41	10.85	68.2	-7.94	239	37	Peak
5656.45	63.93	53.06	10.87	72.97	-9.04	239	37	Peak
5920.525	65.68	54.59	11.09	71.51	-5.83	239	37	Peak
*5930.5	63.72	52.61	11.11	68.2	-4.48	239	37	Peak

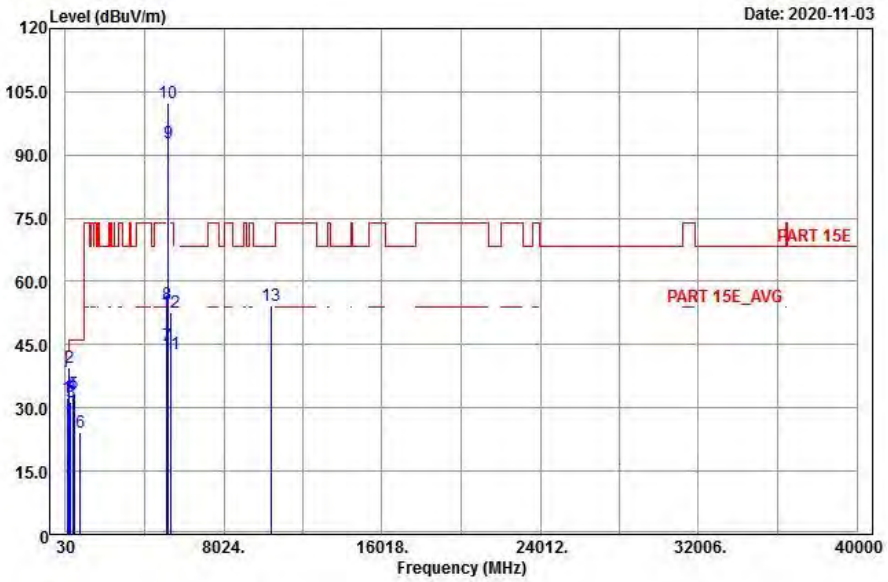
Remarks:

1. Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Factor
   Margin Value = Emission Level – Limit value
2. 5795 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

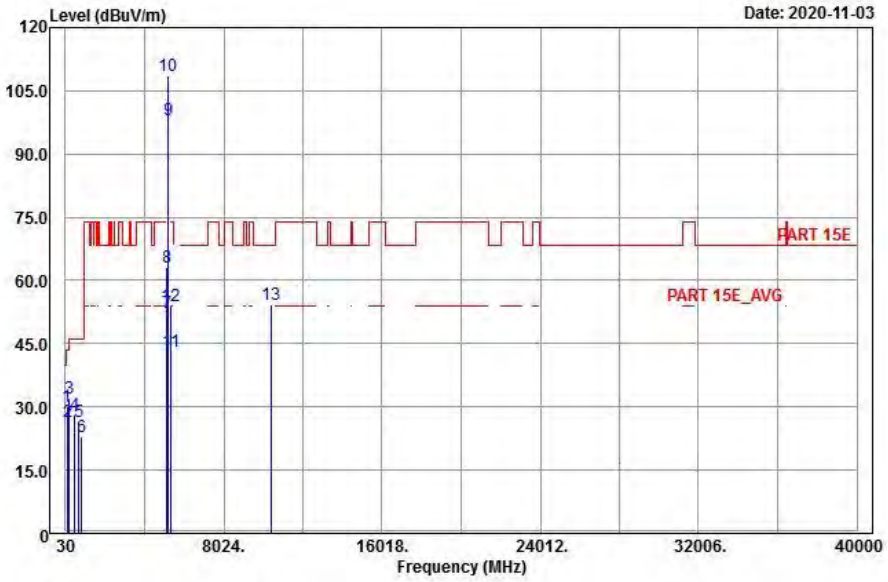
802.11ax (HE80)

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

Horizontal



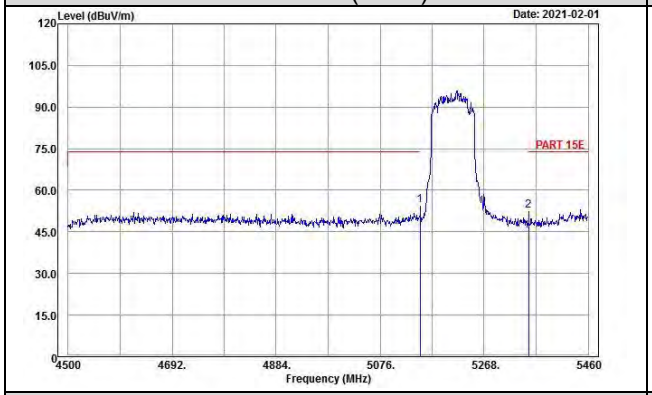
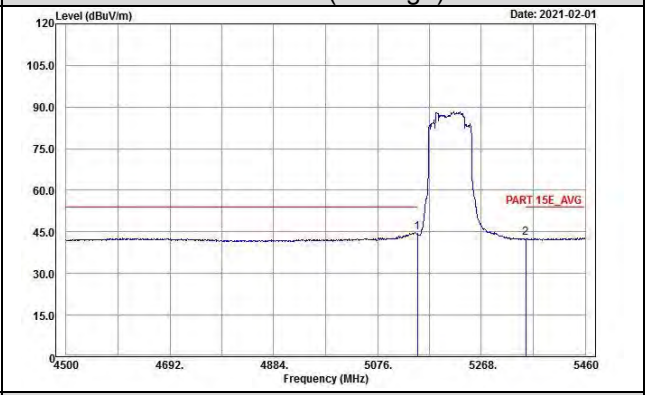
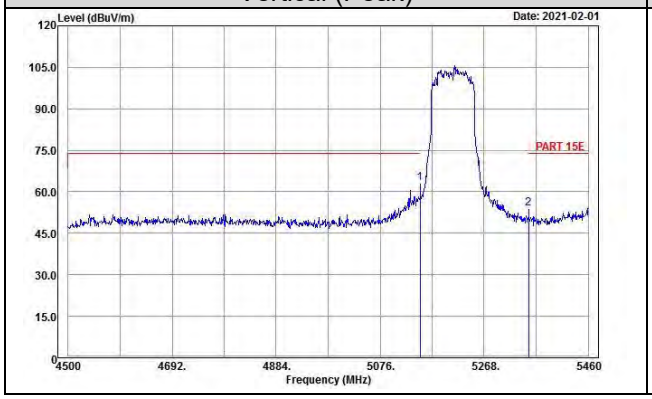
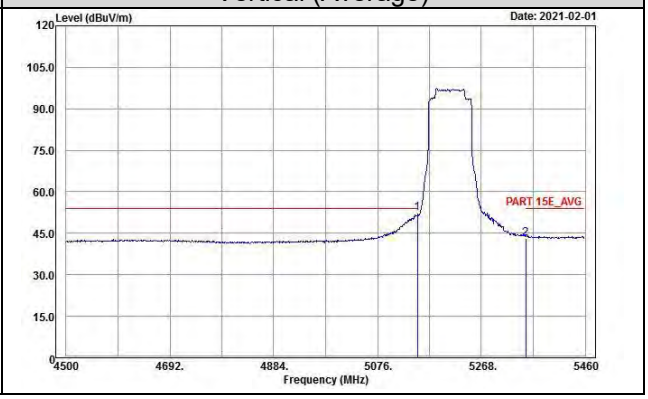
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
128.01	32.25	52.53	-20.28	43.5	-11.25	124	17	Peak
224.4	39.44	57.1	-17.66	46	-6.56	105	115	Peak
299.46	31.43	47.34	-15.91	46	-14.57	146	199	Peak
395.2	33.06	47.1	-14.04	46	-12.94	166	32	Peak
477.8	33.27	46.01	-12.74	46	-12.73	188	198	Peak
768.3	24.1	32.36	-8.26	46	-21.9	105	200	Peak
5150	44.87	34.82	10.05	54	-9.13	184	22	Average
5150	54.7	44.65	10.05	74	-19.3	184	22	Peak
5210	92.78	82.61	10.17			192	21	Average
5210	102.46	92.29	10.17			192	21	Peak
5350	42.97	32.74	10.23	54	-11.03	192	21	Average
5350	52.54	42.31	10.23	74	-21.46	192	21	Peak
*10420	54.44	38.28	16.16	68.2	-13.76	184	44	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
129.36	29.93	50.28	-20.35	43.5	-13.57	105	187	Peak
185.25	26.32	45.47	-19.15	43.5	-17.18	132	166	Peak
223.32	32.19	49.9	-17.71	46	-13.81	124	187	Peak
489	28.14	40.67	-12.53	46	-17.86	144	199	Peak
704.6	26.35	35.5	-9.15	46	-19.65	124	174	Peak
839	22.94	29.92	-6.98	46	-23.06	105	85	Peak
5150	52.36	42.31	10.05	54	-1.64	210	326	Average
5150	63.2	53.15	10.05	74	-10.8	210	326	Peak
5210	98.23	88.06	10.17			223	18	Average
5210	108.61	98.44	10.17			223	18	Peak
5350	43.12	32.89	10.23	54	-10.88	223	18	Average
5350	54.1	43.87	10.23	74	-19.9	223	18	Peak
*10420	54.18	38.02	16.16	68.2	-14.02	135	226	Peak

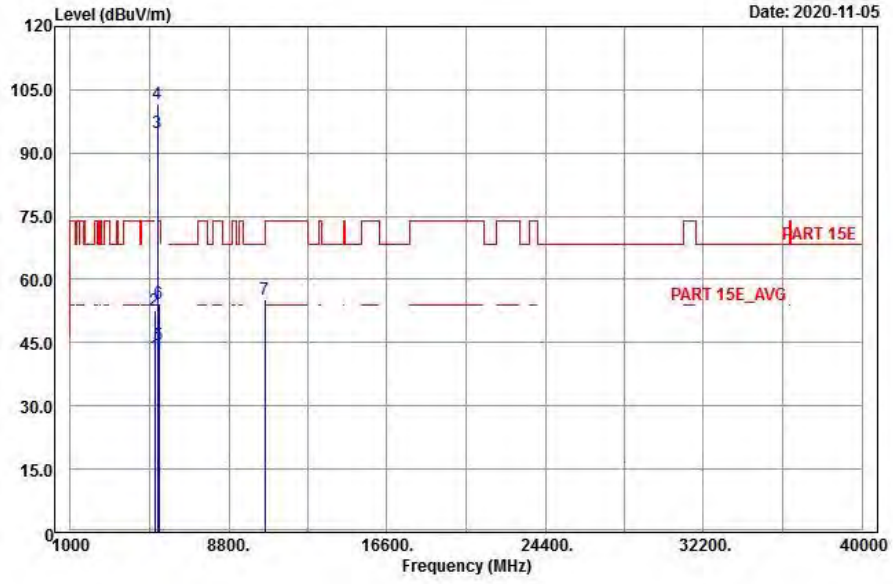
Remarks:

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

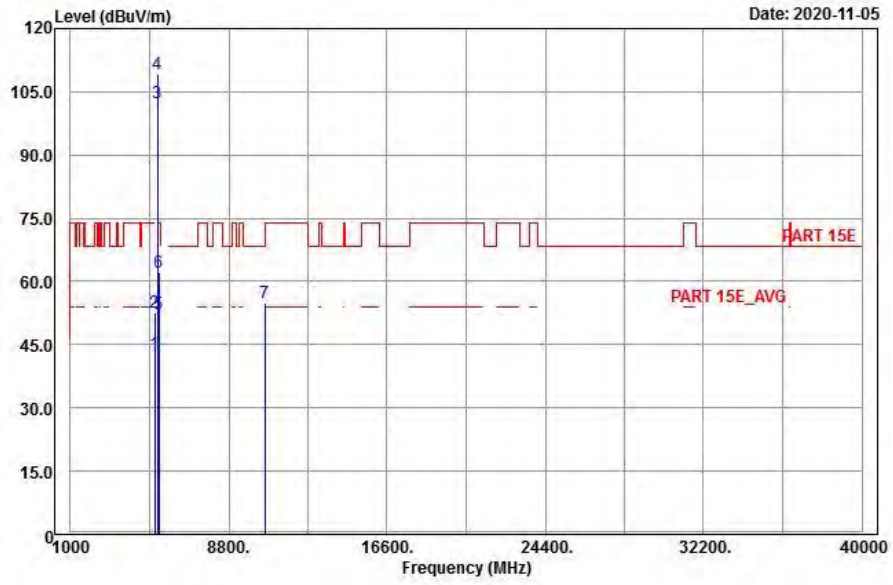
Channel 42	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



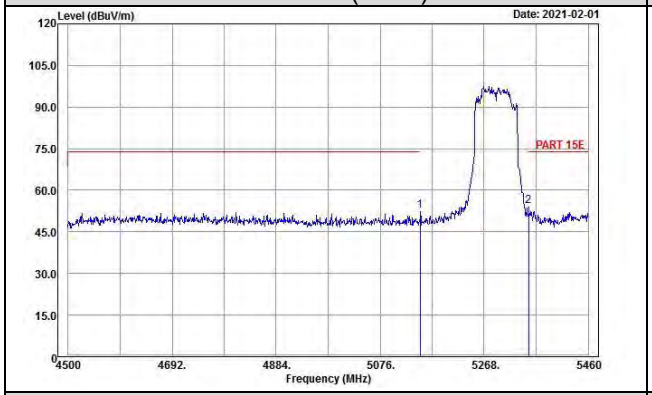
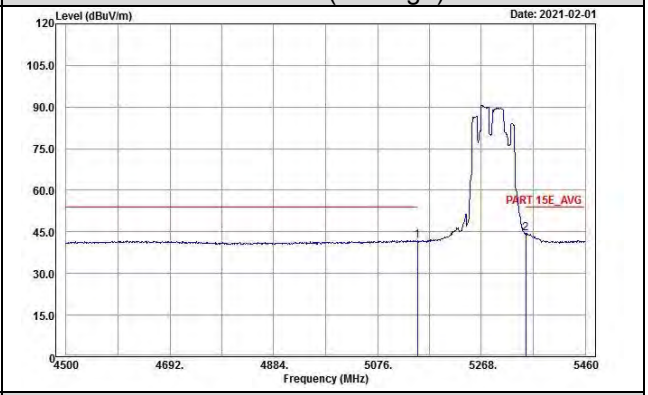
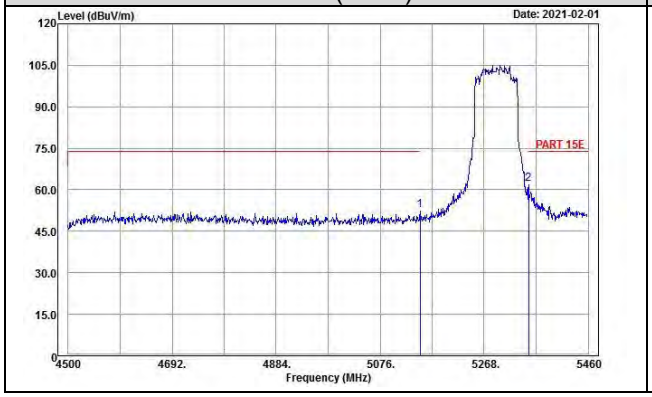
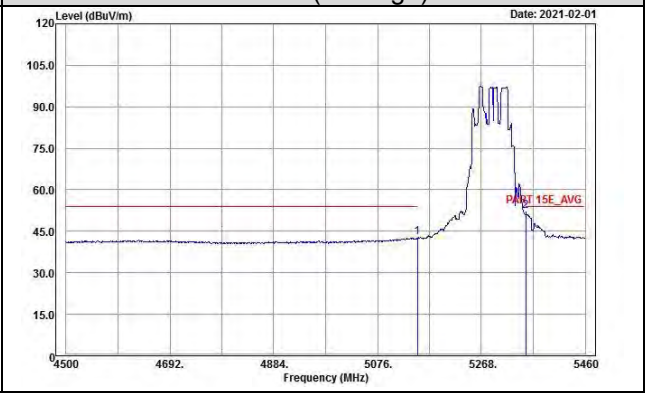
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5150	41.98	31.93	10.05	54	-12.02	210	20	Average
5150	52.6	42.55	10.05	74	-21.4	210	20	Peak
5290	94.66	84.56	10.1			210	20	Average
5290	101.66	91.56	10.1			210	20	Peak
5350	44.56	34.33	10.23	54	-9.44	210	20	Average
5350	54.24	44.01	10.23	74	-19.76	210	20	Peak
*10580	55.21	39.5	15.71	68.2	-12.99	129	68	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	42.75	32.7	10.05	54	-11.25	211	19	Average
5150	52.61	42.56	10.05	74	-21.39	211	19	Peak
5290	102.37	92.27	10.1			211	19	Average
5290	109.12	99.02	10.1			211	19	Peak
5350	52.26	42.03	10.23	54	-1.74	229	12	Average
5350	62.14	51.91	10.23	74	-11.86	229	12	Peak
*10580	55	39.29	15.71	68.2	-13.2	146	219	Peak

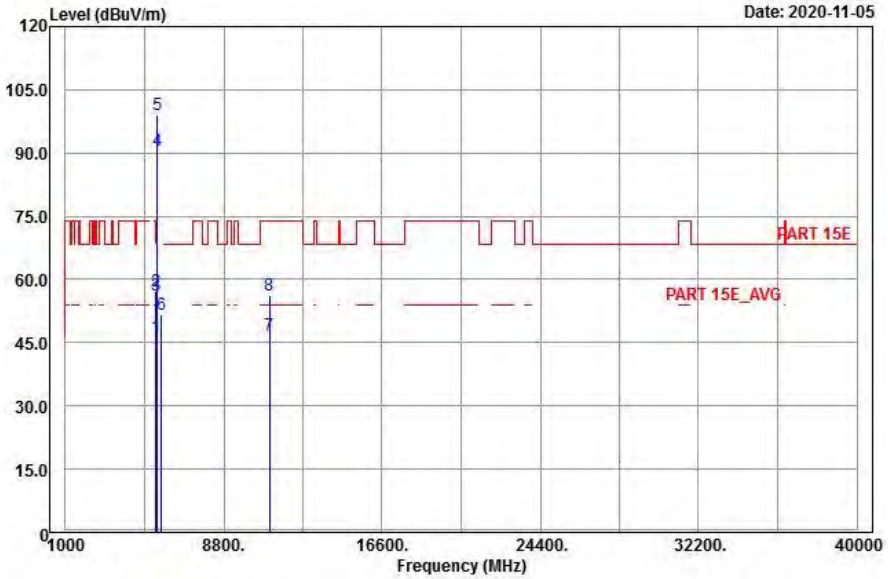
Remarks:

1. Emission Level = Read Level + Factor
   Margin Value = Emission Level – Limit value
2. 5290 MHz: Fundamental Frequency
3. *: Out of Restricted Band
4. The other emission levels were very low against the limit.

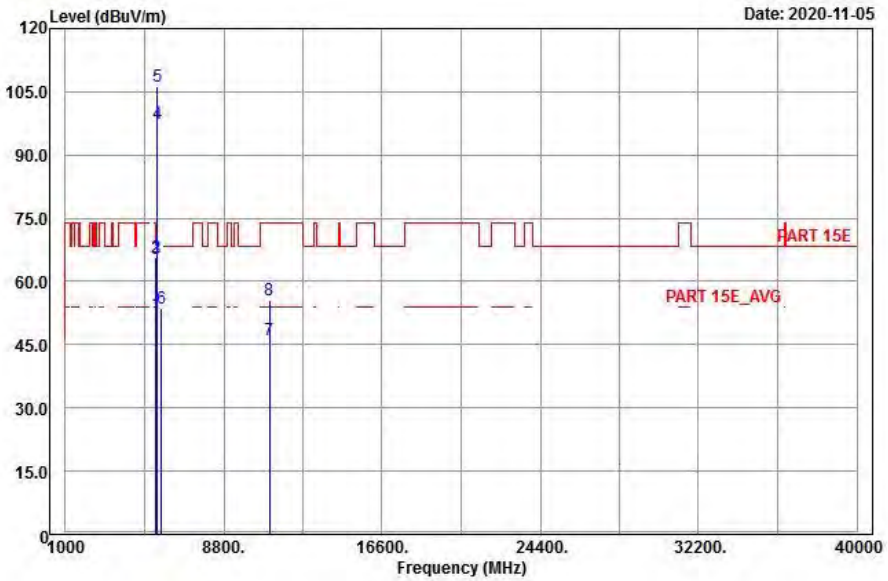
Channel 58	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

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

Horizontal



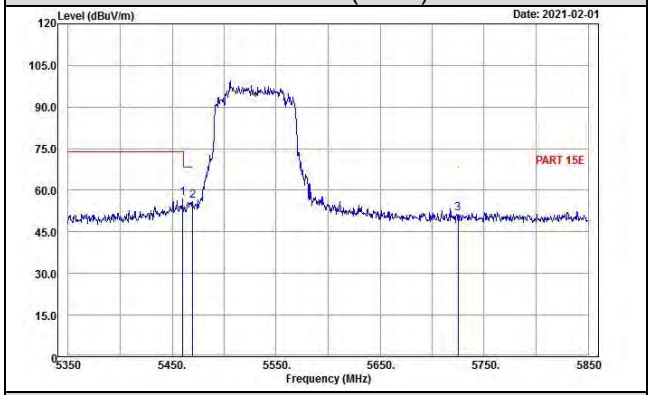
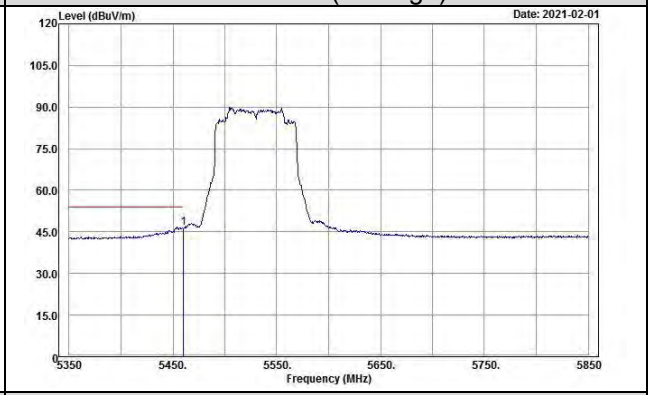
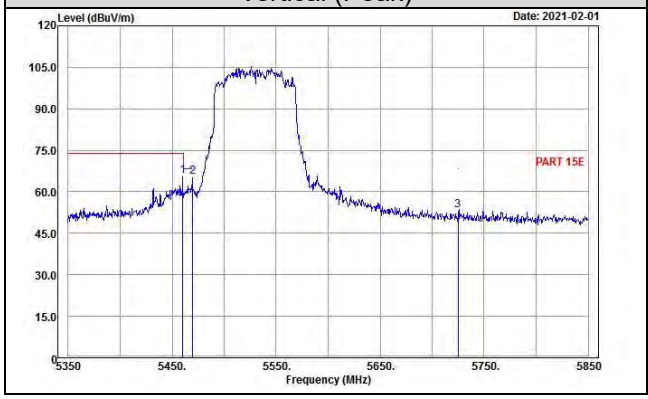
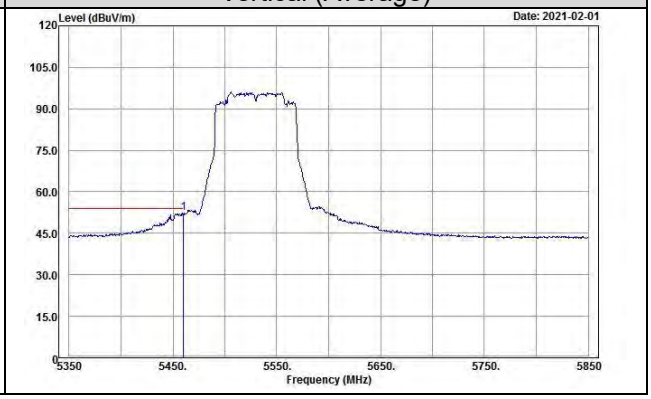
Vertical



Antenna Polarity & Test Distance: Horizontal at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	46.51	36	10.51	54	-7.49	124	11	Average
5460	57.2	46.69	10.51	74	-16.8	124	11	Peak
*5470	56.31	45.78	10.53	68.2	-11.89	124	11	Peak
5530	90.7	80.07	10.63			127	14	Average
5530	99.14	88.51	10.63			127	14	Peak
*5725	51.69	40.77	10.92	68.2	-16.51	127	14	Peak
11060	46.82	30.59	16.23	54	-7.18	145	172	Average
11060	56.4	40.17	16.23	74	-17.6	145	172	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	52.35	41.84	10.51	54	-1.65	232	106	Average
5460	65.83	55.32	10.51	74	-8.17	232	106	Peak
*5470	65.24	54.71	10.53	68.2	-2.96	232	19	Peak
5530	97.36	86.73	10.63			232	19	Average
5530	106.25	95.62	10.63			232	19	Peak
*5725	53.65	42.73	10.92	68.2	-14.55	232	19	Peak
11060	45.98	29.75	16.23	54	-8.02	145	243	Average
11060	55.6	39.37	16.23	74	-18.4	145	243	Peak

Remarks:

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

Channel 106	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)