

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	Tim Chen

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	40.43	39.68	0.75	54	-13.57	100	178	Average
5460	47.59	46.84	0.75	74	-26.41	100	178	Peak
5470	48.7	47.93	0.77	68.2	-19.5	100	178	Peak
5530	85.07	84.21	0.86	-----	-----	100	178	Average
5530	94.38	93.52	0.86	-----	-----	100	178	Peak
5725	49.84	48.97	0.87	68.2	-18.36	100	178	Peak
11060	45.95	47.3	-1.35	54	-8.05	145	94	Average
11060	55.71	57.06	-1.35	74	-18.29	145	94	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	41.84	41.09	0.75	54	-12.16	400	261	Average
5460	49.68	48.93	0.75	74	-24.32	400	261	Peak
5470	50.4	49.63	0.77	68.2	-17.8	400	261	Peak
5530	88.74	87.88	0.86	-----	-----	400	261	Average
5530	97.79	96.93	0.86	-----	-----	400	261	Peak
5725	49.02	48.15	0.87	68.2	-19.18	400	261	Peak
11060	44.75	46.1	-1.35	54	-9.25	189	136	Average
11060	55.31	56.66	-1.35	74	-18.69	189	136	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 emission levels of other frequencies were very low against the limit

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	Tim Chen

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	40.19	39.44	0.75	54	-13.81	100	179	Average
5460	49.16	48.41	0.75	74	-24.84	100	179	Peak
5470	49.08	48.31	0.77	68.2	-19.12	100	179	Peak
5610	86.55	85.82	0.73	-----	-----	100	179	Average
5610	95.21	94.48	0.73	-----	-----	100	179	Peak
5725	49.54	48.67	0.87	68.2	-18.66	100	179	Peak
11220	46.54	48.2	-1.66	54	-7.46	221	112	Average
11220	55.93	57.59	-1.66	74	-18.07	221	112	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	40.7	39.95	0.75	54	-13.3	400	293	Average
5460	49.92	49.17	0.75	74	-24.08	400	293	Peak
5470	49.12	48.35	0.77	68.2	-19.08	400	293	Peak
5610	89.86	89.13	0.73	-----	-----	400	293	Average
5610	98.53	97.8	0.73	-----	-----	400	293	Peak
5725	51.26	50.39	0.87	68.2	-16.94	400	293	Peak
11220	45.45	47.11	-1.66	54	-8.55	198	112	Average
11220	56.27	57.93	-1.66	74	-17.73	198	112	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 emission levels of other frequencies were very low against the limit

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	Tim Chen

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	39.56	38.81	0.75	54	-14.44	228	168	Average
5460	50.38	49.63	0.75	74	-23.62	228	168	Peak
5470	49.2	48.43	0.77	68.2	-19	228	168	Peak
5690	88.27	87.48	0.79	-----	-----	228	168	Average
5690	98.48	97.69	0.79	-----	-----	228	168	Peak
5850	51.97	50.81	1.16	68.2	-16.23	228	168	Peak
11380	46.72	48.14	-1.42	54	-7.28	199	238	Average
11380	56.9	58.32	-1.42	74	-17.1	199	238	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	39.84	39.09	0.75	54	-14.16	400	261	Average
5460	50.52	49.77	0.75	74	-23.48	400	261	Peak
5470	49.8	49.03	0.77	68.2	-18.4	400	261	Peak
5690	90.99	90.2	0.79	-----	-----	400	261	Average
5690	101.56	100.77	0.79	-----	-----	400	261	Peak
5850	51.51	50.35	1.16	68.2	-16.69	400	261	Peak
11380	45.25	46.67	-1.42	54	-8.75	165	257	Average
11380	54.3	55.72	-1.42	74	-19.7	165	257	Peak

Remarks:

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

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	Tim Chen

<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	87.78	86.84	0.94	-----	-----	202	139	Average
5775	97.45	96.51	0.94	-----	-----	202	139	Peak
11550	46.25	47.85	-1.6	54	-7.75	173	209	Average
11550	55.47	57.07	-1.6	74	-18.53	173	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
5775	88.64	87.7	0.94	-----	-----	400	262	Average
5775	98.43	97.49	0.94	-----	-----	400	262	Peak
11550	46.64	48.24	-1.6	54	-7.36	107	133	Average
11550	55.06	56.66	-1.6	74	-18.94	107	133	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
5627.9	49.94	49.2	0.74	68.2	-18.26	202	139	Peak
5660.2	50.09	49.42	0.67	75.77	-25.68	202	139	Peak
5921.925	50.64	49.34	1.3	70.47	-19.83	202	139	Peak
5940.45	51.21	49.89	1.32	68.2	-16.99	202	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
5645.95	52.91	52.24	0.67	68.2	-15.29	400	262	Peak
5659.725	53.89	53.22	0.67	75.42	-21.53	400	262	Peak
5915.275	51.75	50.45	1.3	75.37	-23.62	400	262	Peak
5932.375	51.21	49.91	1.3	68.2	-16.99	400	262	Peak

Remarks:

- Emission Level = Read Level + Factor
Margin value = Emission level – Limit value
- 5775 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The emission levels of other frequencies were very low against the limit

802.11ax (HE160)

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	Tim Chen

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	40.09	40.96	-0.87	54	-13.91	156	117	Average
5150	50.97	51.84	-0.87	74	-23.03	156	117	Peak
5250	77.2	78.42	-1.22	-----	-----	156	117	Average
5250	85.43	86.65	-1.22	-----	-----	156	117	Peak
5350	40.75	41.88	-1.13	54	-13.25	156	117	Average
5350	50.38	51.51	-1.13	74	-23.62	156	117	Peak
10500	48.73	52.98	-4.25	68.2	-19.47	114	129	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	40.16	41.03	-0.87	54	-13.84	246	286	Average
5150	50.28	51.15	-0.87	74	-23.72	246	286	Peak
5250	82.21	83.43	-1.22	-----	-----	246	286	Average
5250	90.14	91.36	-1.22	-----	-----	246	286	Peak
5402.4	43.14	44	-0.86	54	-10.86	246	286	Average
5402.4	54.4	55.26	-0.86	74	-19.6	246	286	Peak
10500	49.88	54.13	-4.25	68.2	-18.32	145	166	Peak

Remarks:

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

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	Tim Chen

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	40.16	41.04	-0.88	54	-13.84	156	197	Average
5460	51.41	52.29	-0.88	74	-22.59	156	197	Peak
5470	49.9	50.78	-0.88	68.2	-18.3	156	197	Peak
5570	77	77.95	-0.95	-----	-----	156	197	Average
5570	86.67	87.62	-0.95	-----	-----	156	197	Peak
5725	50.99	51.93	-0.94	68.2	-17.21	156	197	Peak
11140	42.48	43.99	-1.51	54	-11.52	178	166	Average
11140	50.58	52.09	-1.51	74	-23.42	178	166	Peak
Antenna Polarity & Test Distance: Vertical at 3 m								
Frequency (MHz)	Emission Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Remark
5460	41.63	42.51	-0.88	54	-12.37	251	290	Average
5460	54.02	54.9	-0.88	74	-19.98	251	290	Peak
5470	52.15	53.03	-0.88	68.2	-16.05	251	290	Peak
5570	81.19	82.14	-0.95	-----	-----	251	290	Average
5570	90.17	91.12	-0.95	-----	-----	251	290	Peak
5725	53.87	54.81	-0.94	68.2	-14.33	251	290	Peak
11140	41.37	42.88	-1.51	54	-12.63	202	148	Average
11140	50.18	51.69	-1.51	74	-23.82	202	148	Peak

Remarks:

- Emission Level = Read Level + Factor
Margin value = Emission level – Limit value
- 5570 MHz: Fundamental Frequency
- *: Out of Restricted Band
- The emission levels of other frequencies were very low against the limit

9 kHz ~ 30 MHz Data:

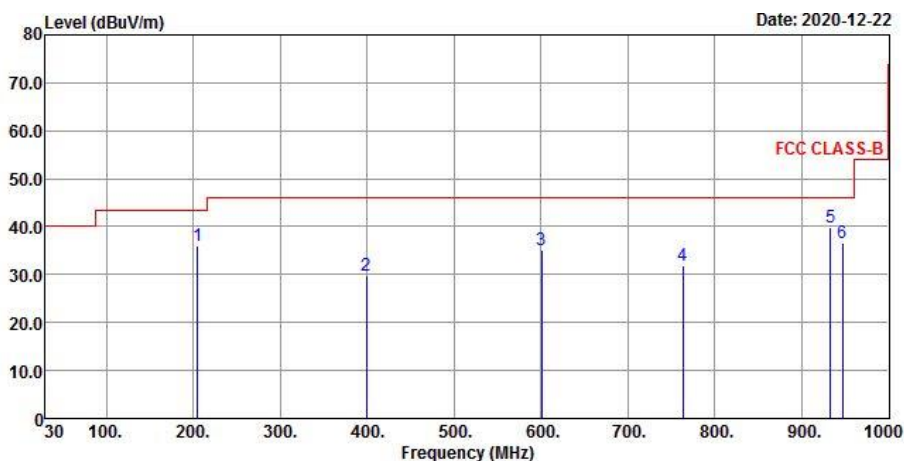
The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

30 MHz ~ 1 GHz Worst-Case Data:

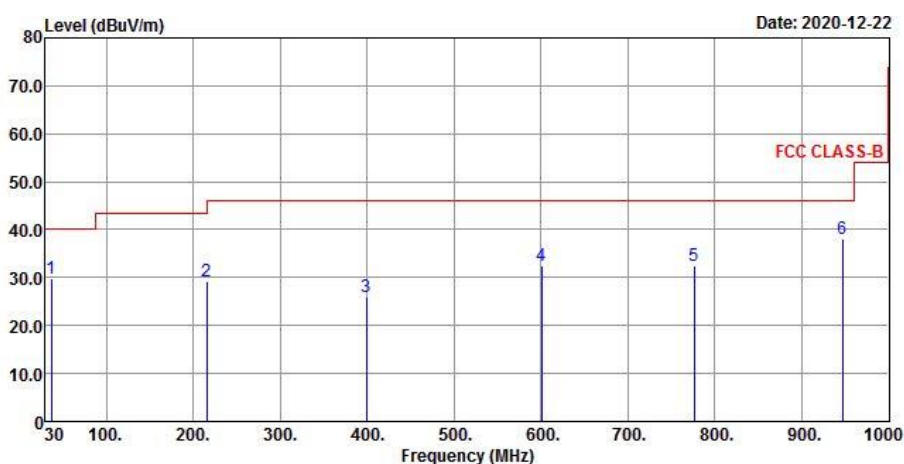
802.11ax (HE40)

EUT Test Condition		Measurement Detail	
Channel	Channel 159	Frequency Range	30 MHz ~ 1 GHz
Input Power	120 Vac, 60 Hz	Detector Function	Peak (PK) Quasi-peak (QP)
Environmental Conditions	25 deg. C, 65 % RH	Tested By	Tim Chen

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
204.6	35.92	51.06	-15.14	43.5	-7.58	164	233	QP
399.57	29.83	38.19	-8.36	46	-16.17	269	310	QP
600.36	35.17	37.88	-2.71	46	-10.83	288	94	QP
763.32	31.86	30.73	1.13	46	-14.14	341	252	QP
933.07	39.81	36.38	3.43	46	-6.19	147	155	QP
946.65	36.55	32.89	3.66	46	-9.45	199	237	QP
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
36.79	29.73	42.27	-12.54	40	-10.27	363	320	QP
215.27	29.36	44.31	-14.95	43.5	-14.14	344	275	QP
399.57	25.88	34.24	-8.36	46	-20.12	193	59	QP
600.36	32.55	35.26	-2.71	46	-13.45	174	277	QP
775.93	32.58	31.13	1.45	46	-13.42	199	246	QP
946.65	37.97	34.31	3.66	46	-8.03	311	150	QP

Remarks:

- Emission Level = Read Level + Factor
Margin value = Emission level – Limit value
- The emission levels of other frequencies were very low against the limit

4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

- Note: 1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

4.2.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Test Receiver ROHDE & SCHWARZ	ESCI	100613	Dec. 04, 2020	Dec. 03, 2021
RF signal cable (with 10dB PAD) Woken	5D-FB	Cable-cond1-01	Sep. 04, 2020	Sep. 03, 2021
LISN ROHDE & SCHWARZ (EUT)	ESH3-Z5	835239/001	Mar. 19, 2020	Mar. 18, 2021
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100311	Aug. 28, 2020	Aug. 27, 2021
Software ADT	BV ADT_Cond_ V7.3.7.4	NA	NA	NA

- Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Shielded Room 1.
 3. The VCCI Site Registration No. is C-12040.

4.2.3 Test Procedures

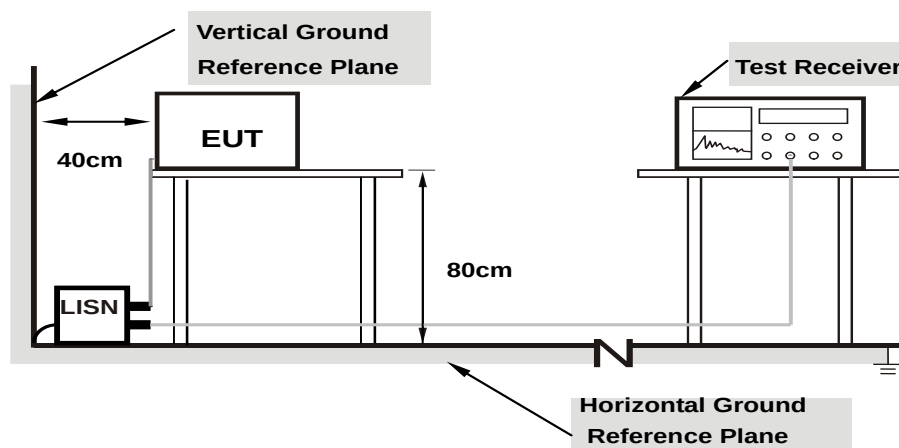
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit -20 dB) was not recorded.

Note: All modes of operation were investigated and the worst-case emissions are reported.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



- Note:** 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

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

4.2.6 EUT Operating Conditions

- Placed the EUT on a testing table.
- Use the software to control the EUT under transmission condition continuously at specific channel frequency.

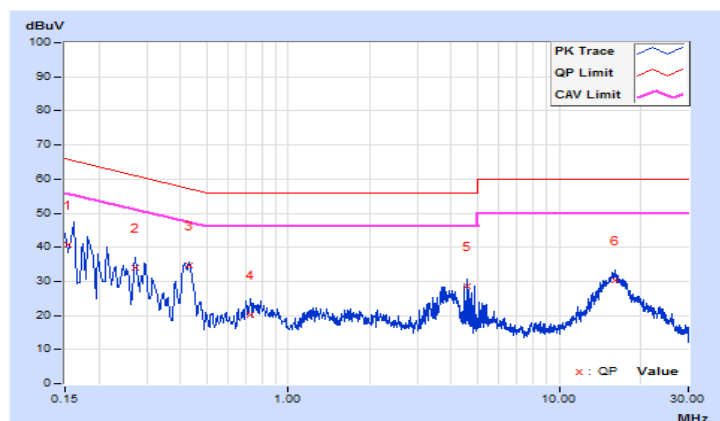
4.2.7 Test Results

Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9kHz
Input Power	120Vac, 60Hz	Environmental Conditions	22°C, 66%RH
Tested by	Tim Chen	Test Date	2020/12/22

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15400	9.65	31.22	16.81	40.87	26.46	65.78	55.78	-24.91	-29.32
2	0.27350	9.66	24.24	16.47	33.90	26.13	61.01	51.01	-27.11	-24.88
3	0.43000	9.66	24.86	18.90	34.52	28.56	57.25	47.25	-22.73	-18.69
4	0.72600	9.67	10.52	4.68	20.19	14.35	56.00	46.00	-35.81	-31.65
5	4.55800	9.74	18.76	4.57	28.50	14.31	56.00	46.00	-27.50	-31.69
6	16.00600	9.85	20.54	12.78	30.39	22.63	60.00	50.00	-29.61	-27.37

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

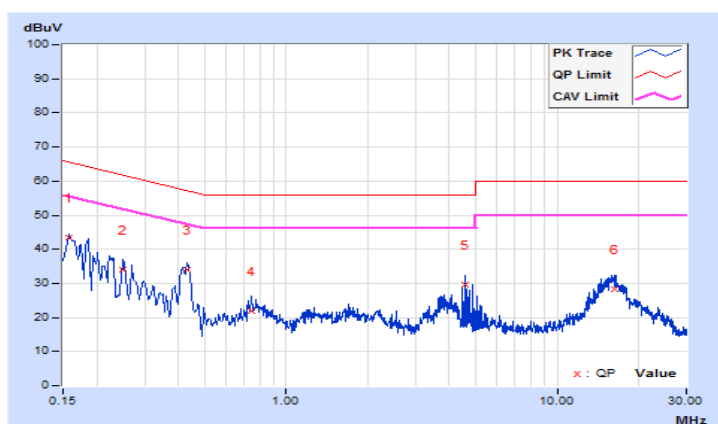


Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9kHz
Input Power	120Vac, 60Hz	Environmental Conditions	22°C, 66%RH
Tested by	Tim Chen	Test Date	2020/12/22

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15800	9.68	33.65	20.55	43.33	30.23	65.57	55.57	-22.24	-25.34
2	0.25000	9.68	24.47	17.36	34.15	27.04	61.76	51.76	-27.61	-24.72
3	0.43000	9.68	24.48	18.53	34.16	28.21	57.25	47.25	-23.09	-19.04
4	0.74600	9.69	12.17	5.72	21.86	15.41	56.00	46.00	-34.14	-30.59
5	4.55800	9.78	19.91	4.47	29.69	14.25	56.00	46.00	-26.31	-31.75
6	16.21000	9.94	18.45	10.44	28.39	20.38	60.00	50.00	-31.61	-29.62

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

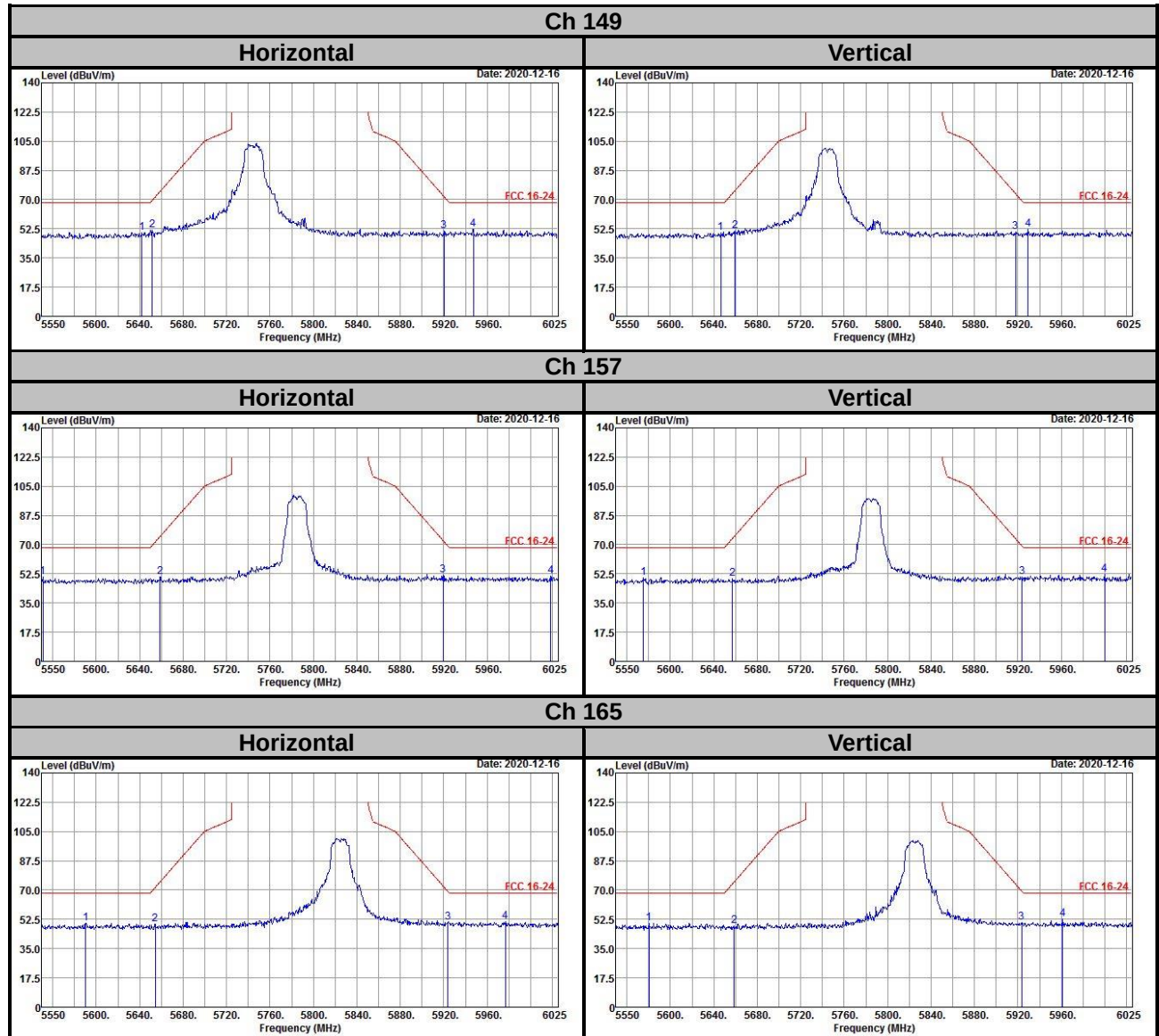


5 Pictures of Test Arrangements

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

Annex A- Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band)

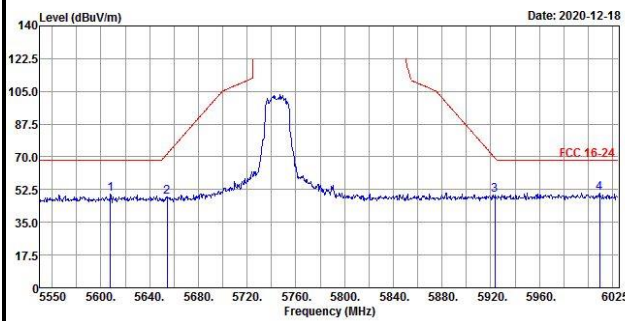
802.11a



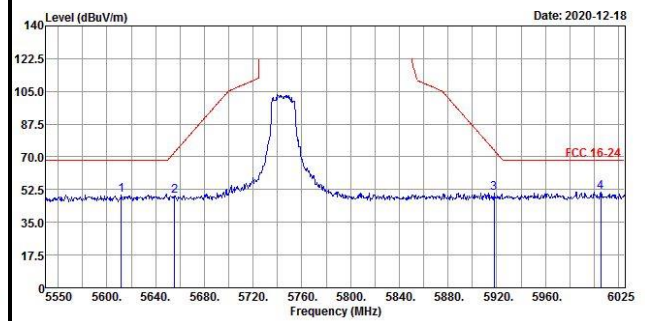
802.11ax (HE20)

Ch 149

Horizontal

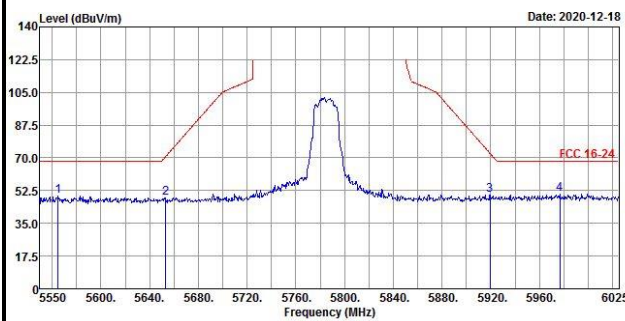


Vertical

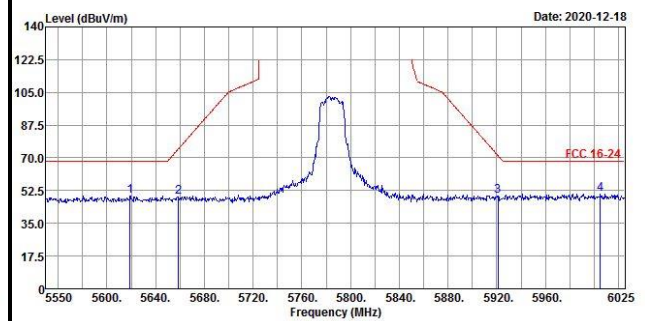


Ch 157

Horizontal

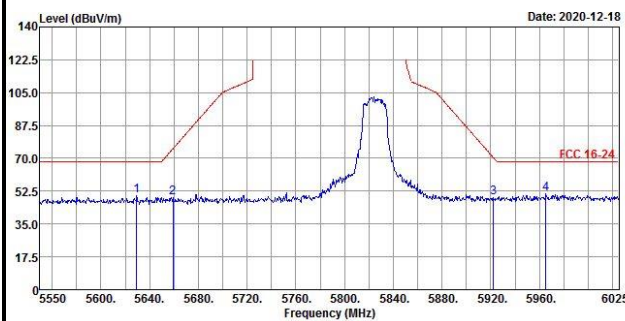


Vertical

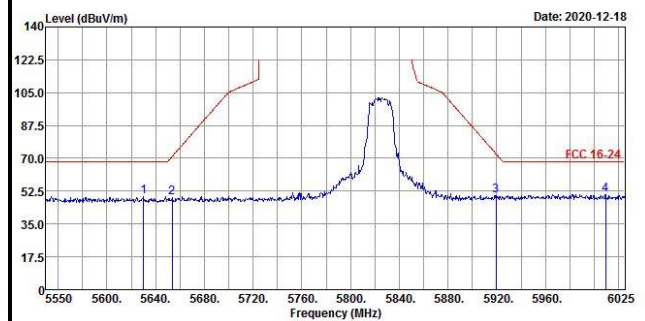


Ch 165

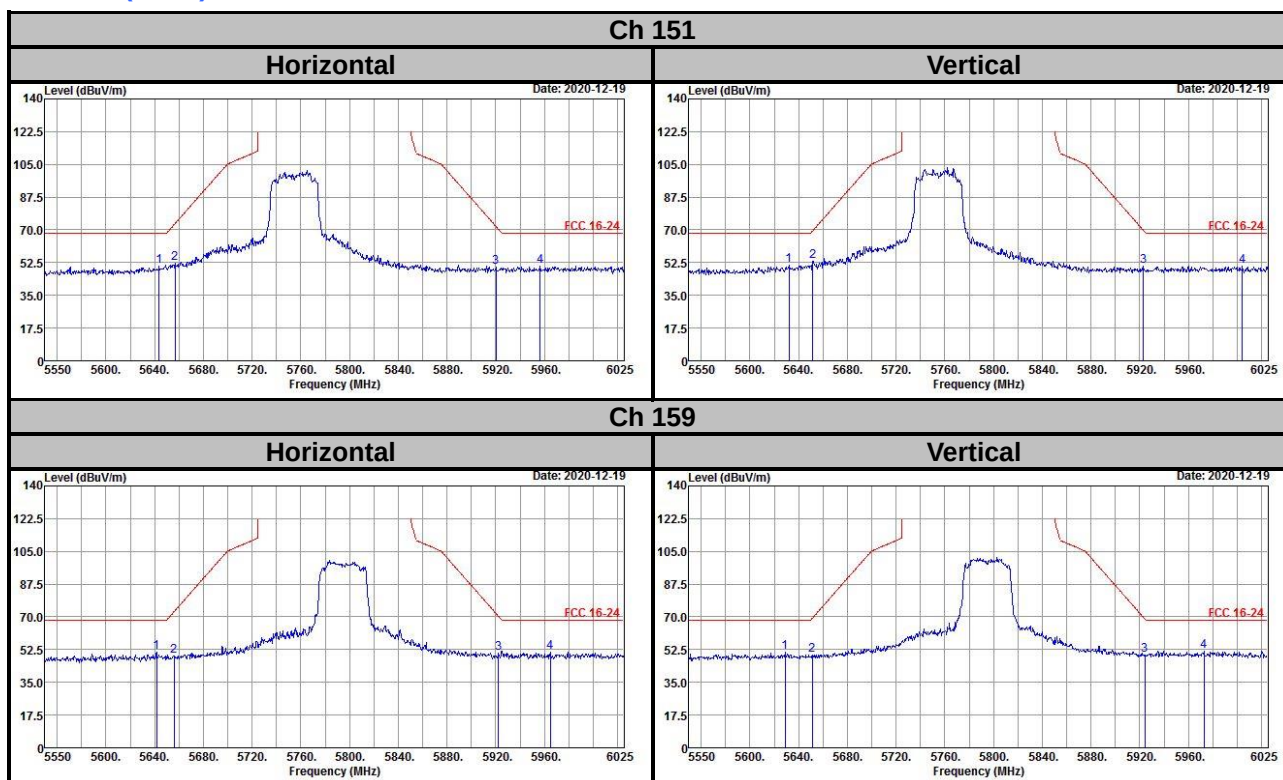
Horizontal



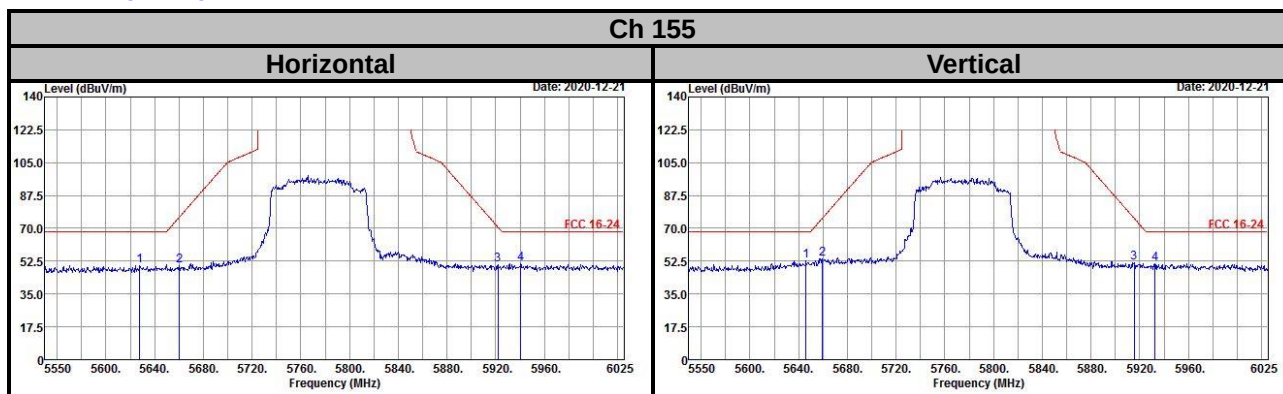
Vertical



802.11ax (HE40)



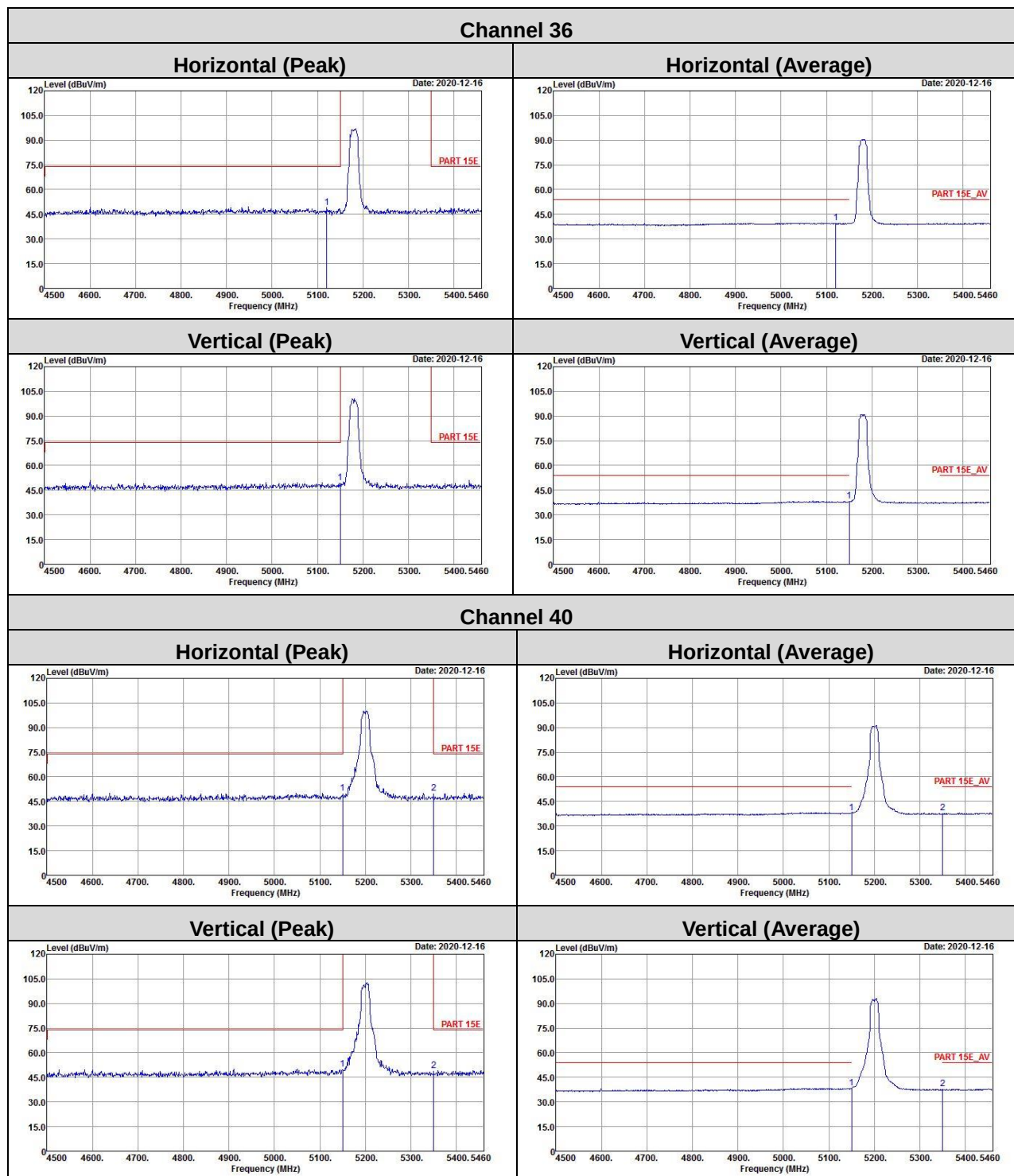
802.11ax (HE80)



Annex B- Radiated Out of Band Emission (OOBE) Measurement

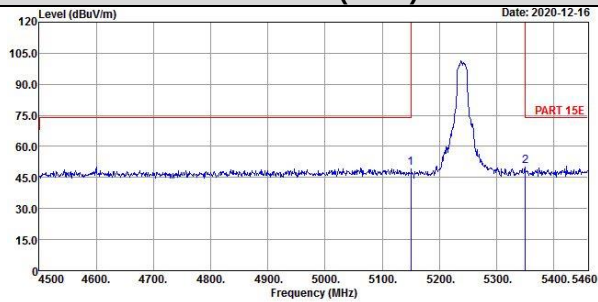
For 5180 ~ 5320 MHz

802.11a

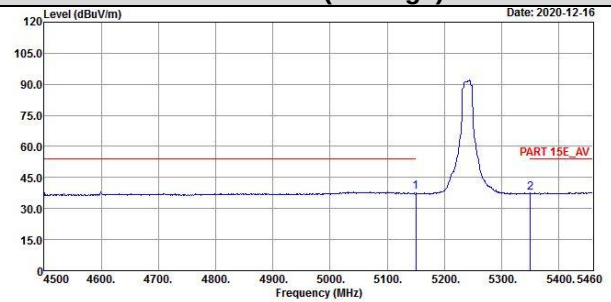


Channel 48

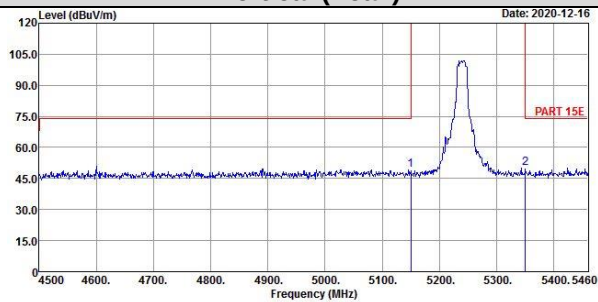
Horizontal (Peak)



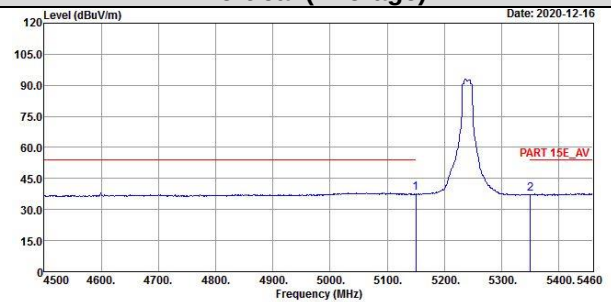
Horizontal (Average)



Vertical (Peak)

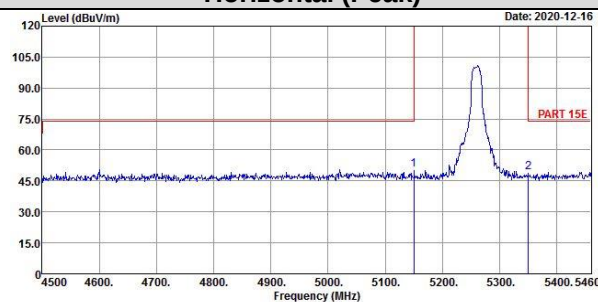


Vertical (Average)

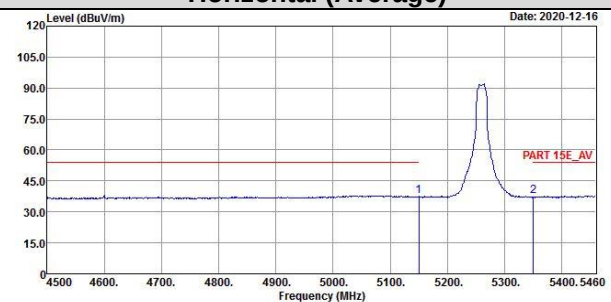


Channel 52

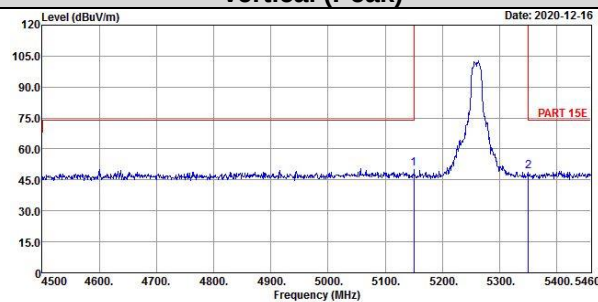
Horizontal (Peak)



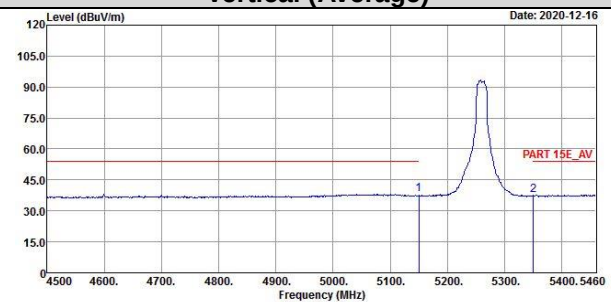
Horizontal (Average)



Vertical (Peak)

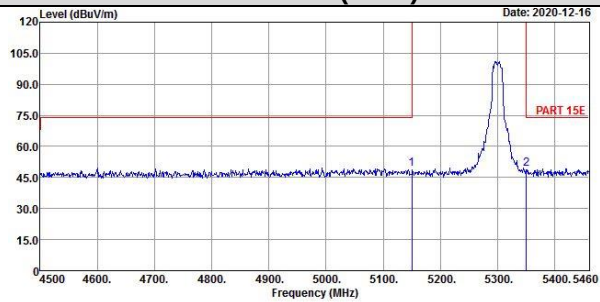


Vertical (Average)

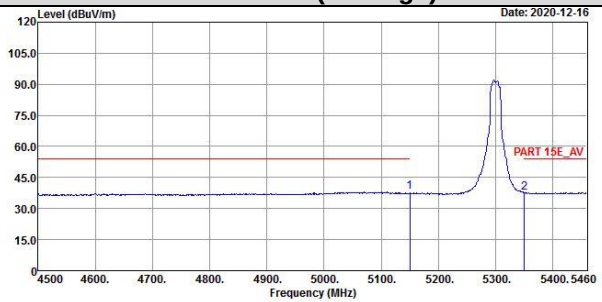


Channel 60

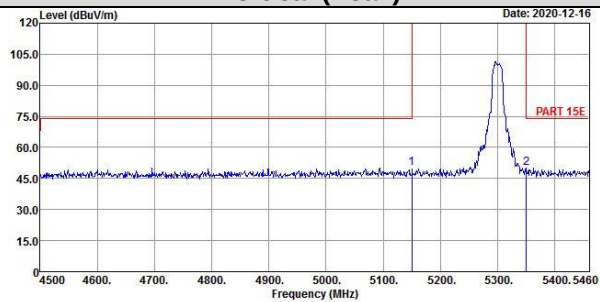
Horizontal (Peak)



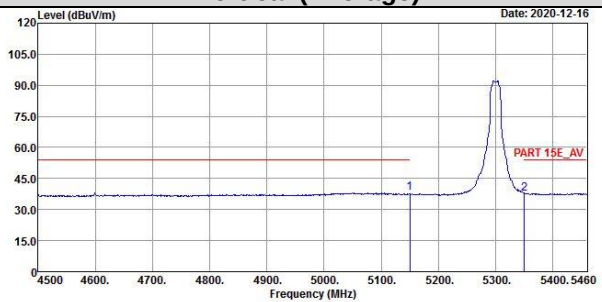
Horizontal (Average)



Vertical (Peak)

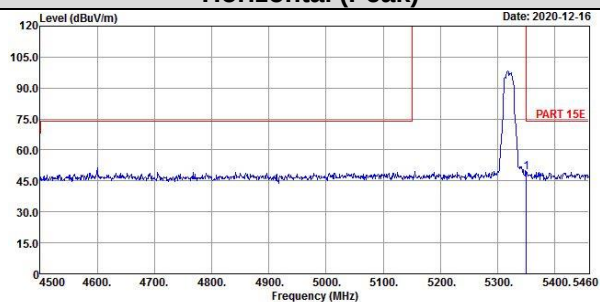


Vertical (Average)

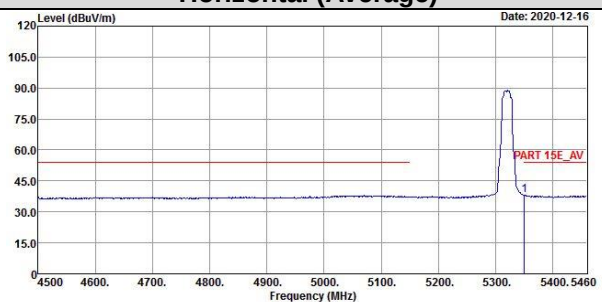


Channel 64

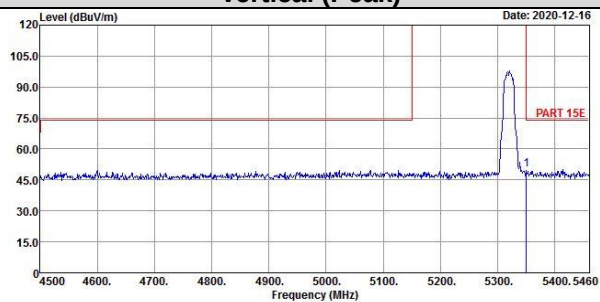
Horizontal (Peak)



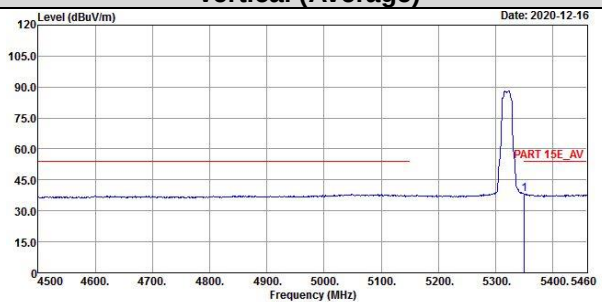
Horizontal (Average)



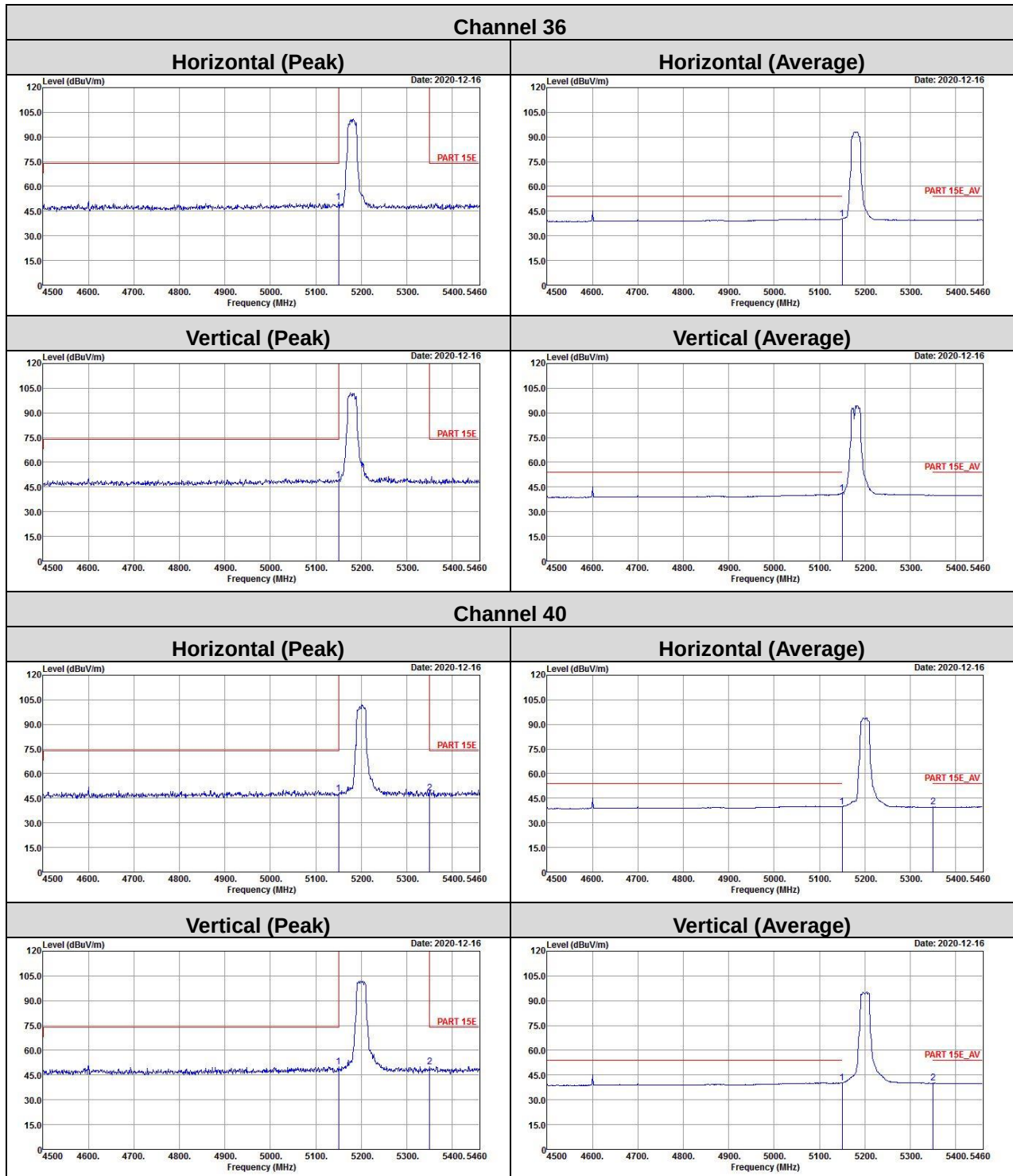
Vertical (Peak)



Vertical (Average)

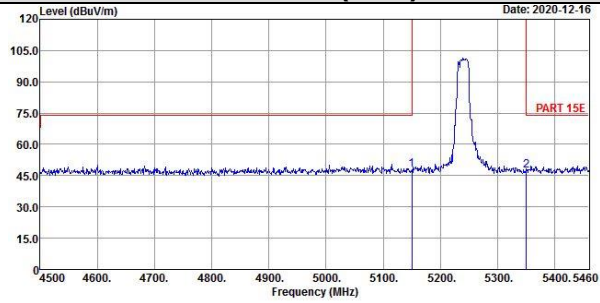


802.11ax (HE20)

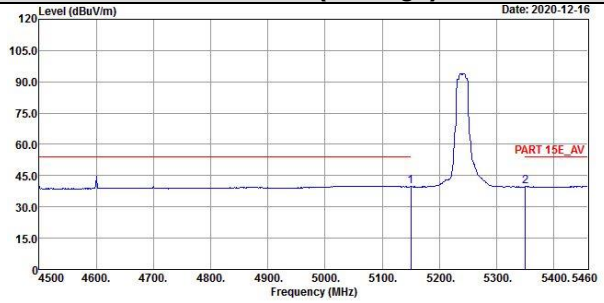


Channel 48

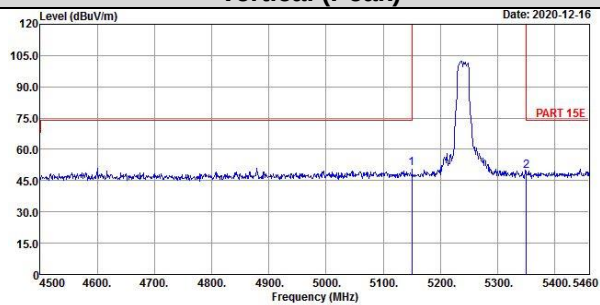
Horizontal (Peak)



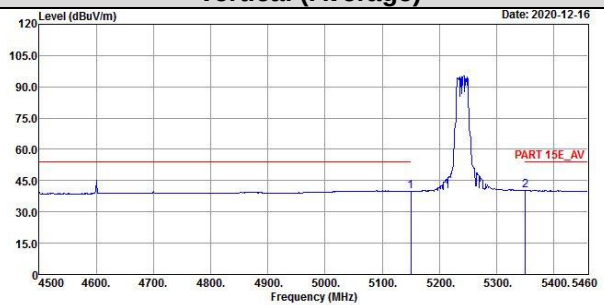
Horizontal (Average)



Vertical (Peak)

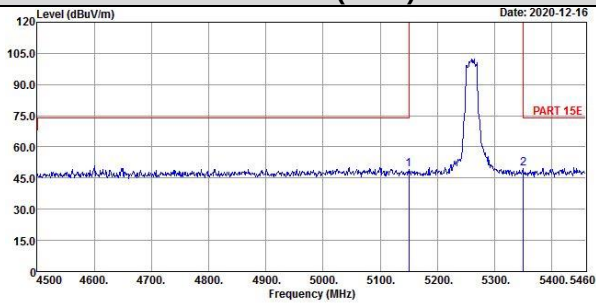


Vertical (Average)

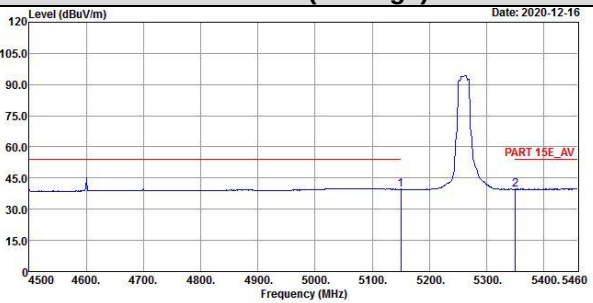


Channel 52

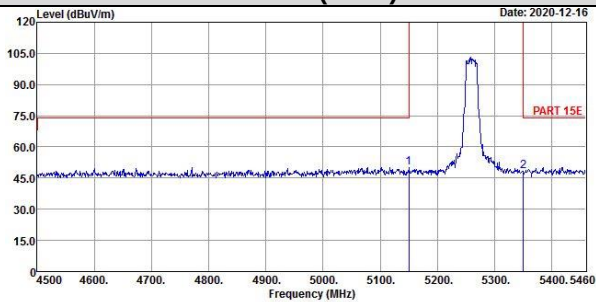
Horizontal (Peak)



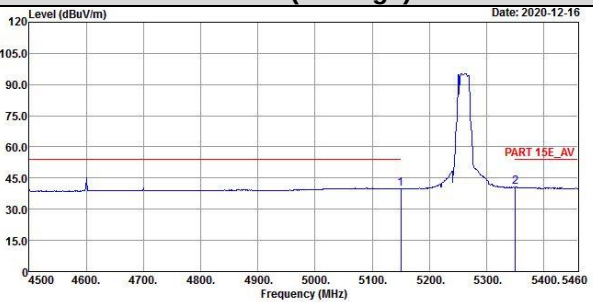
Horizontal (Average)



Vertical (Peak)

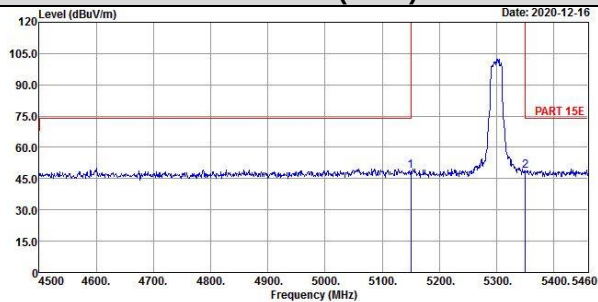


Vertical (Average)

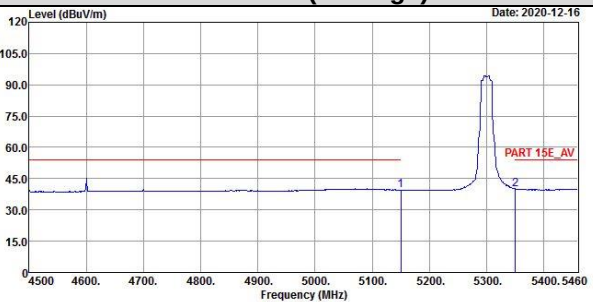


Channel 60

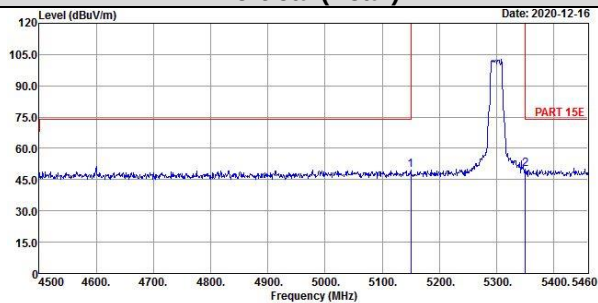
Horizontal (Peak)



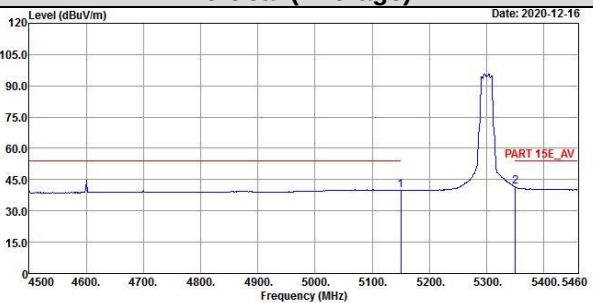
Horizontal (Average)



Vertical (Peak)

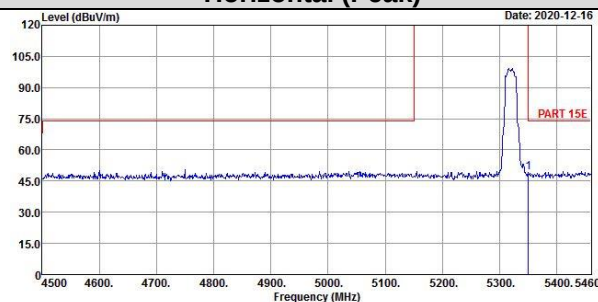


Vertical (Average)

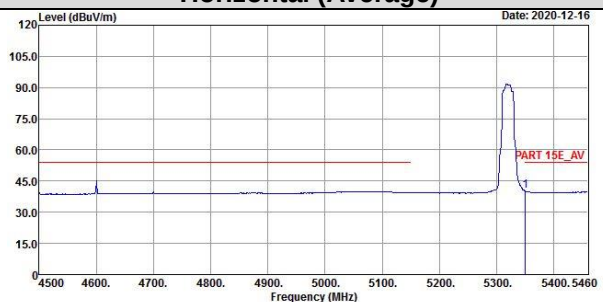


Channel 64

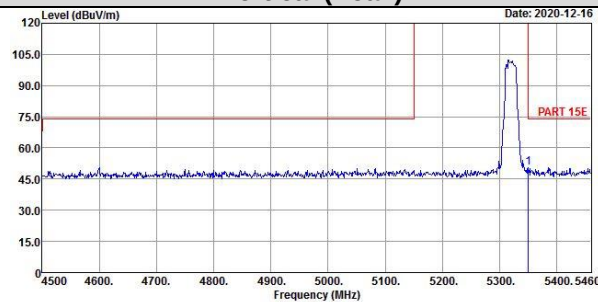
Horizontal (Peak)



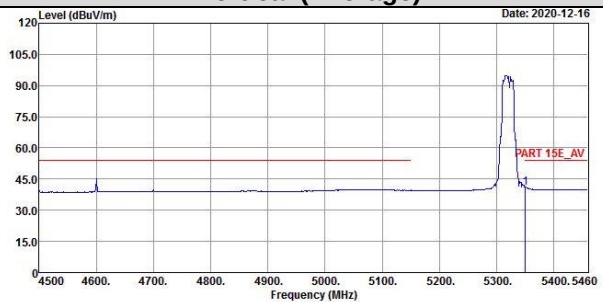
Horizontal (Average)



Vertical (Peak)

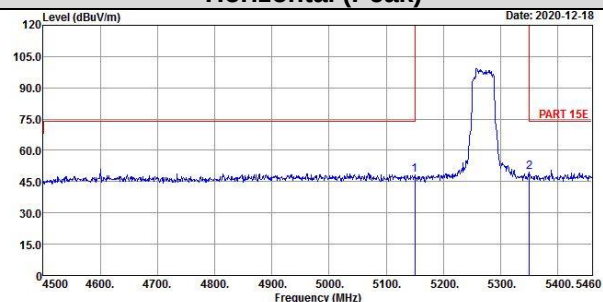


Vertical (Average)

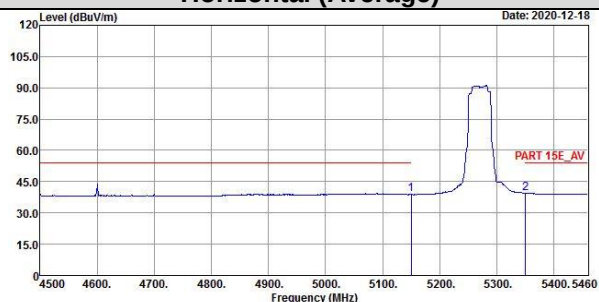


Channel 54

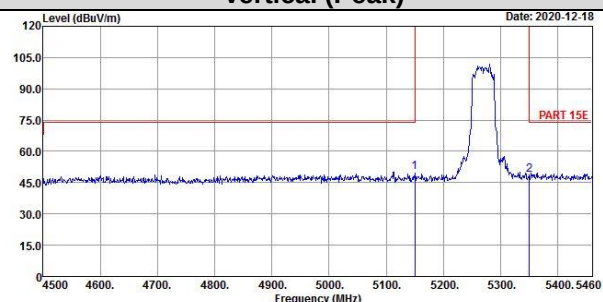
Horizontal (Peak)



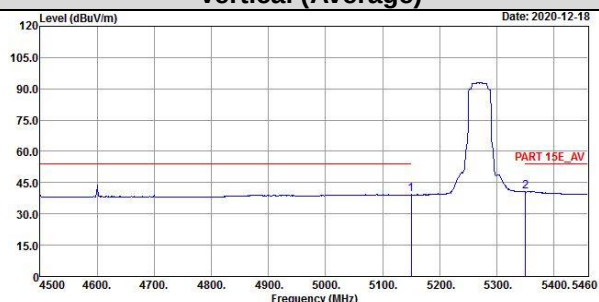
Horizontal (Average)



Vertical (Peak)

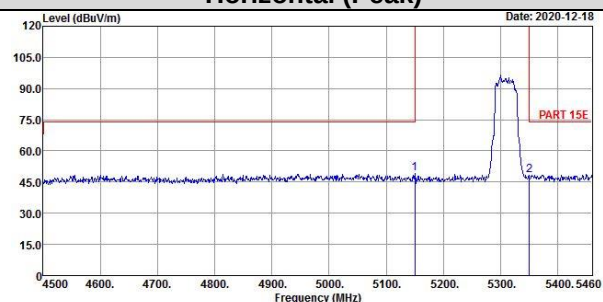


Vertical (Average)

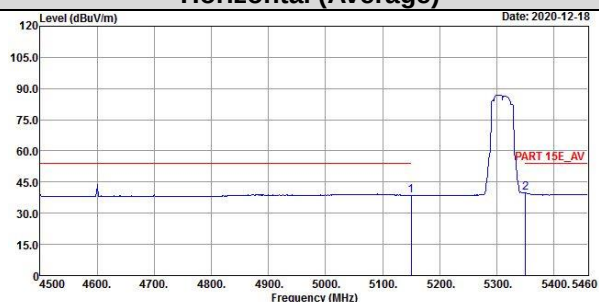


Channel 62

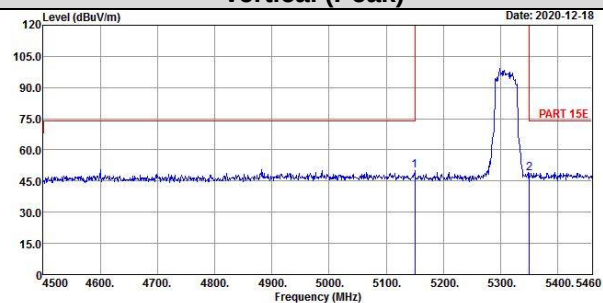
Horizontal (Peak)



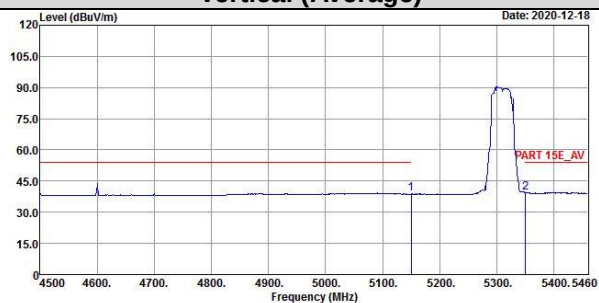
Horizontal (Average)



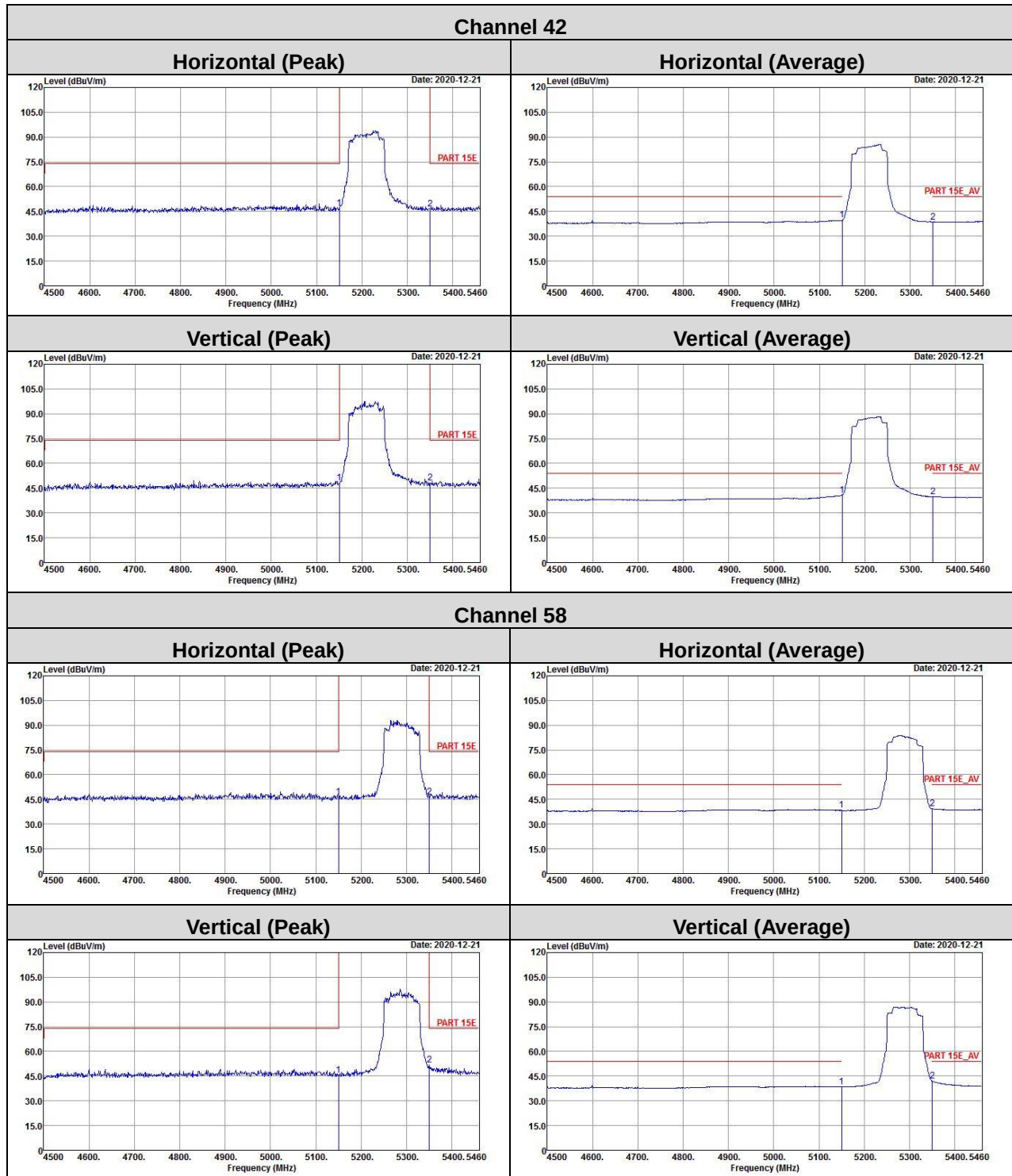
Vertical (Peak)



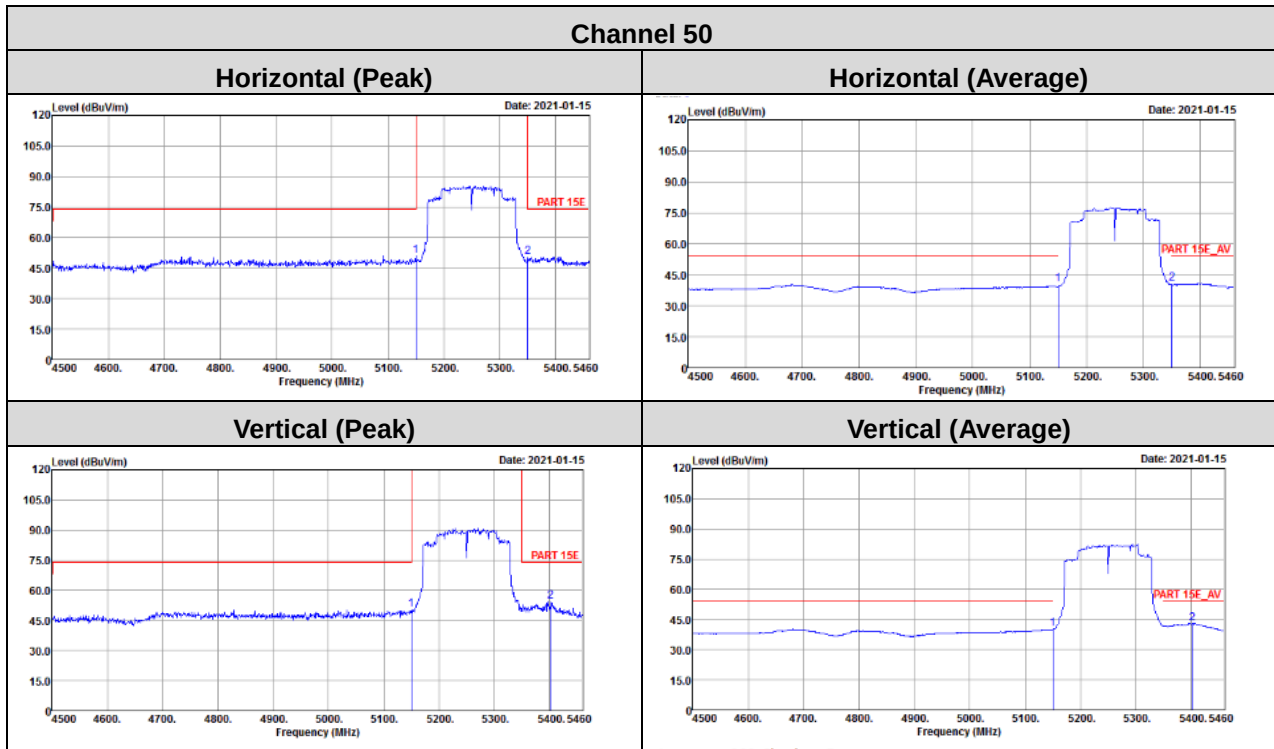
Vertical (Average)



802.11ax (HE80)

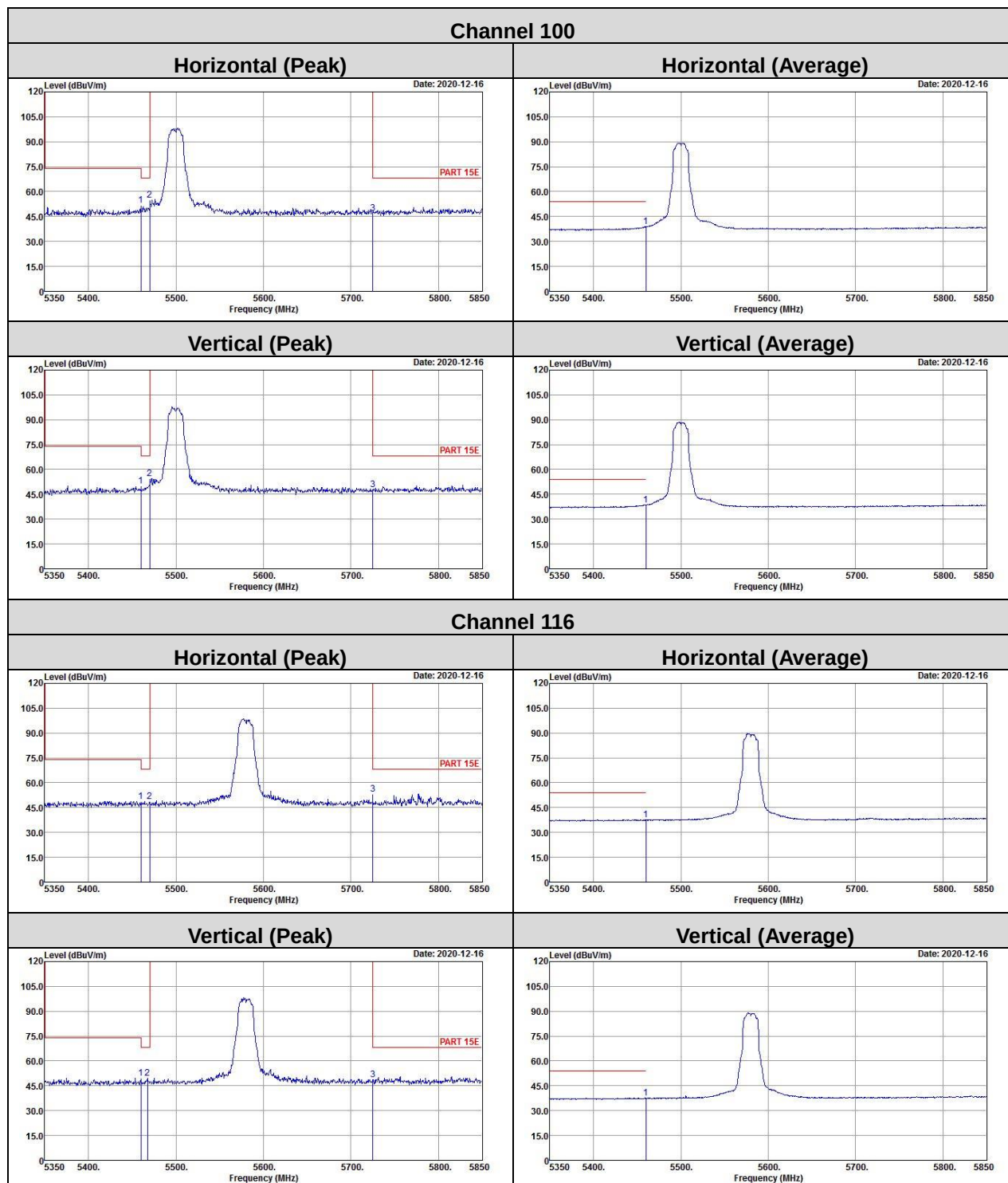


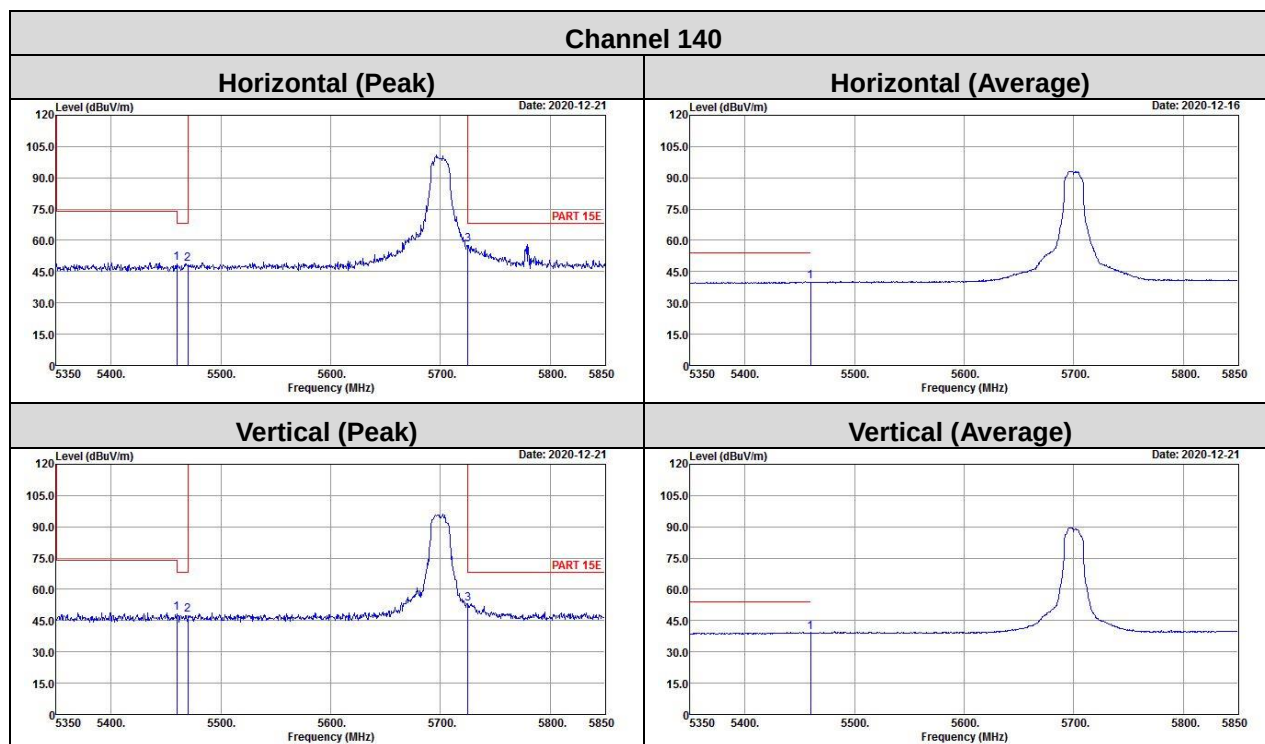
802.11ax (HE160)



For 5500 ~ 5720 MHz

802.11a

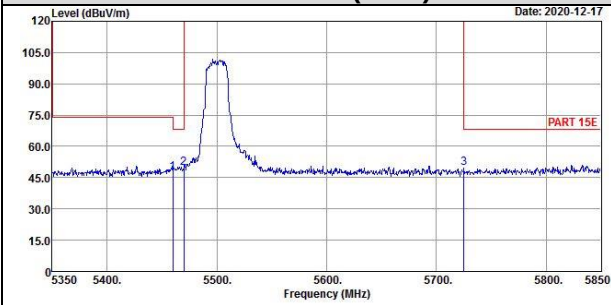




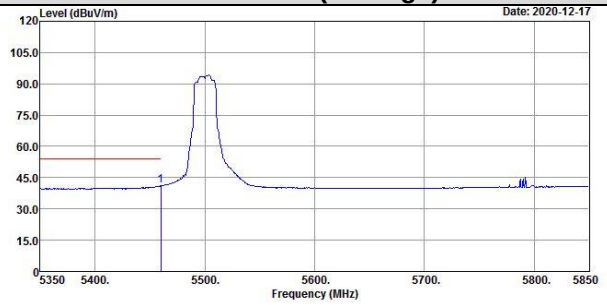
802.11ax (HE20)

Channel 100

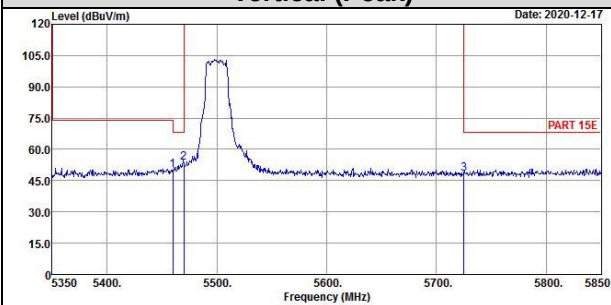
Horizontal (Peak)



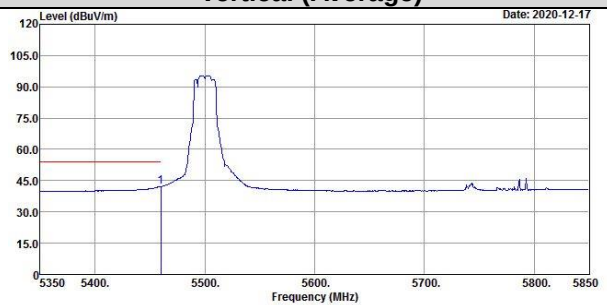
Horizontal (Average)



Vertical (Peak)

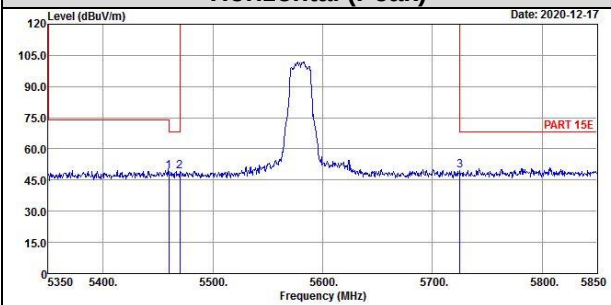


Vertical (Average)

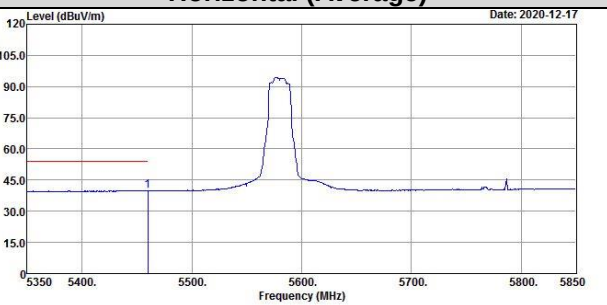


Channel 116

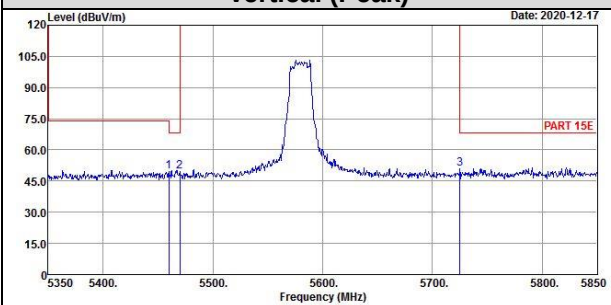
Horizontal (Peak)



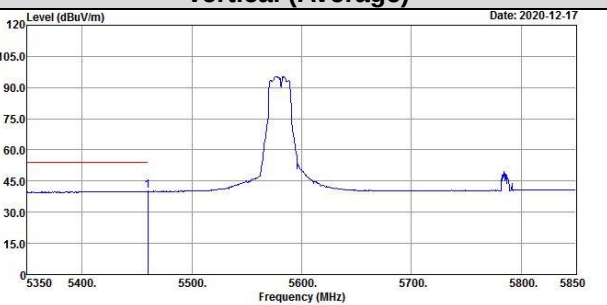
Horizontal (Average)



Vertical (Peak)

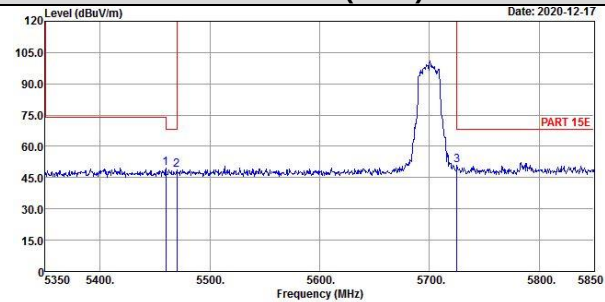


Vertical (Average)

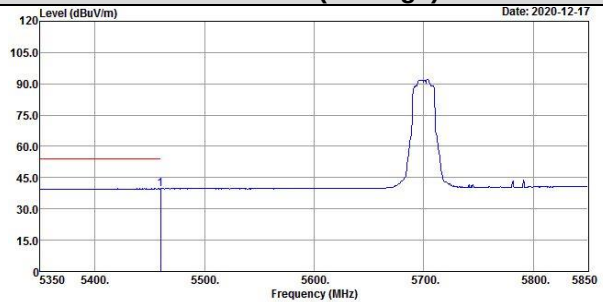


Channel 140

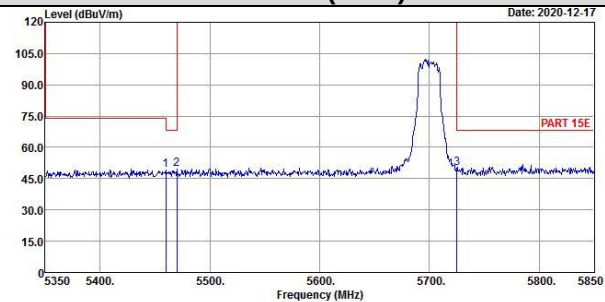
Horizontal (Peak)



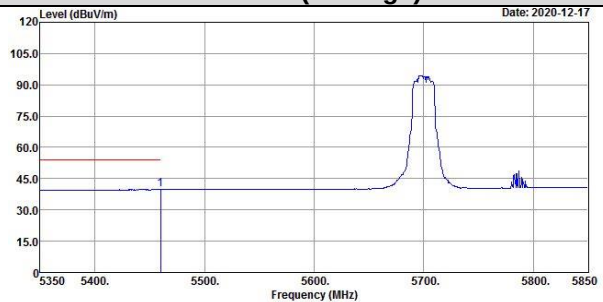
Horizontal (Average)



Vertical (Peak)

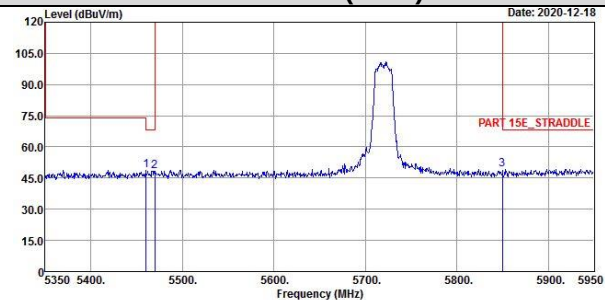


Vertical (Average)

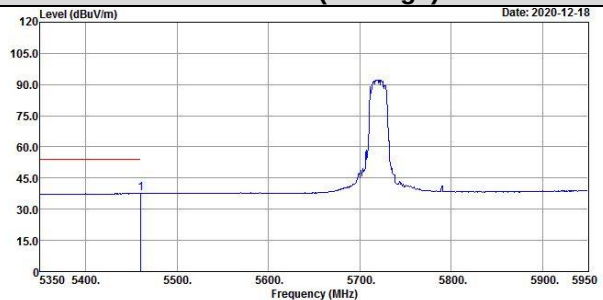


Channel 144

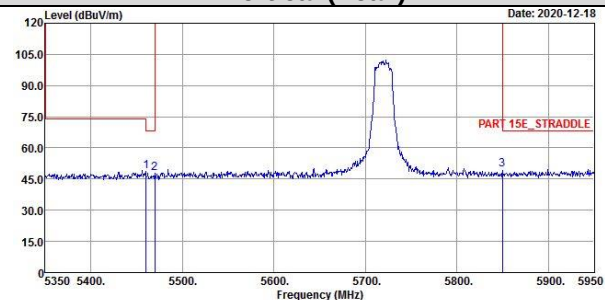
Horizontal (Peak)



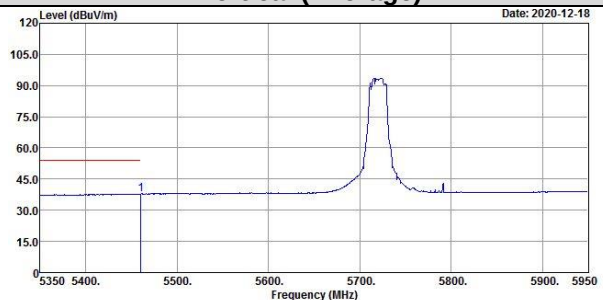
Horizontal (Average)



Vertical (Peak)



Vertical (Average)



802.11ax (HE40)

