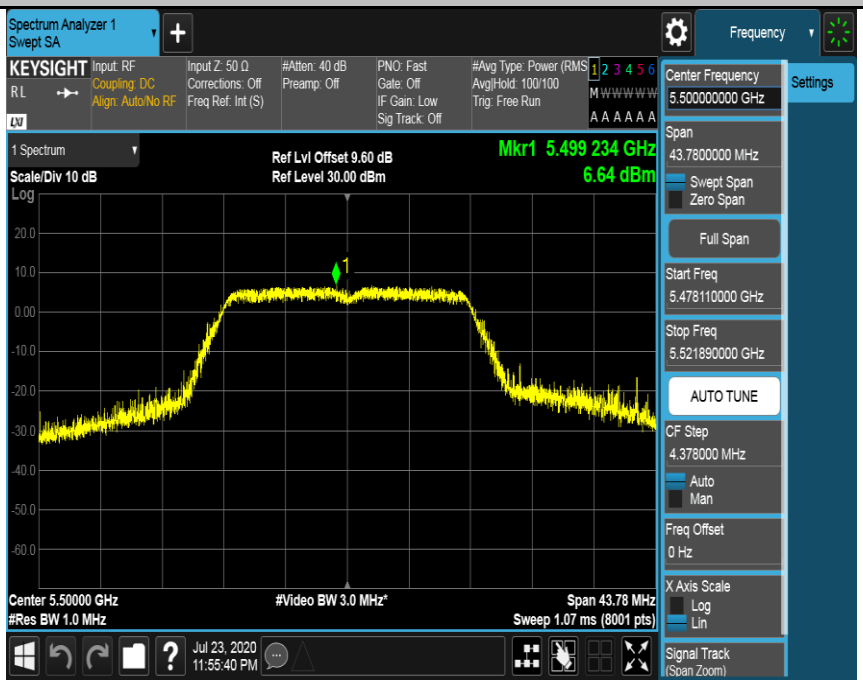
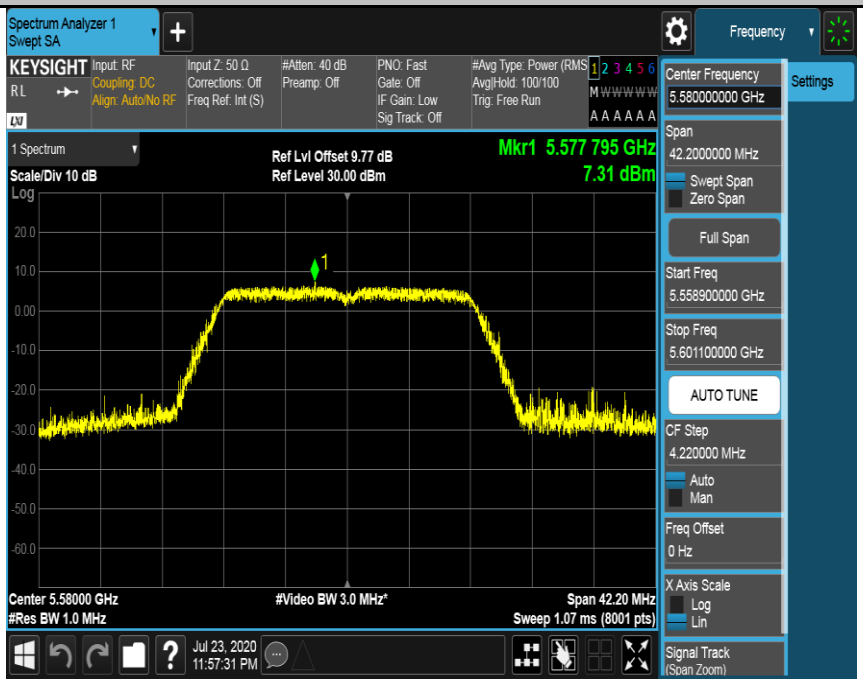
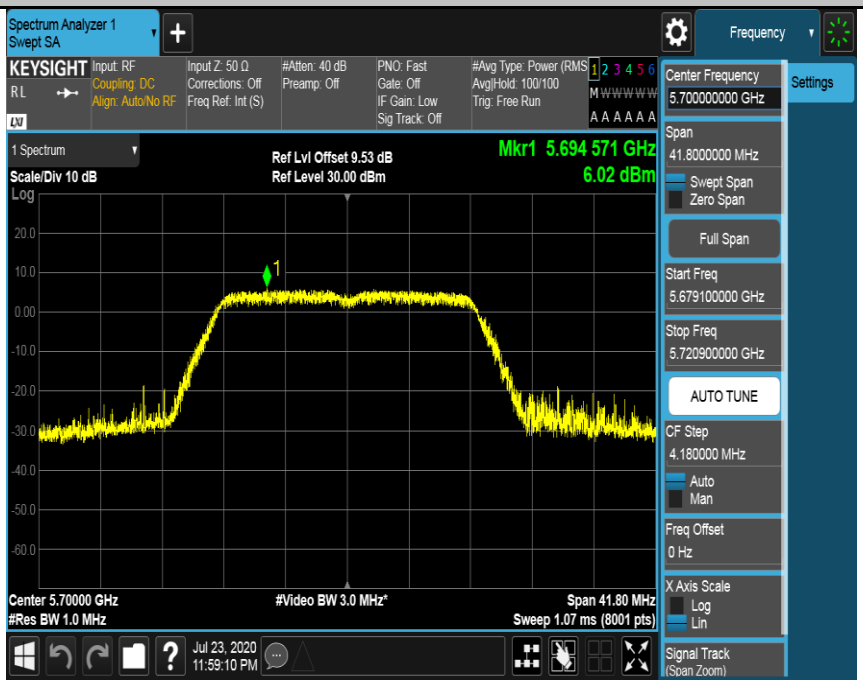
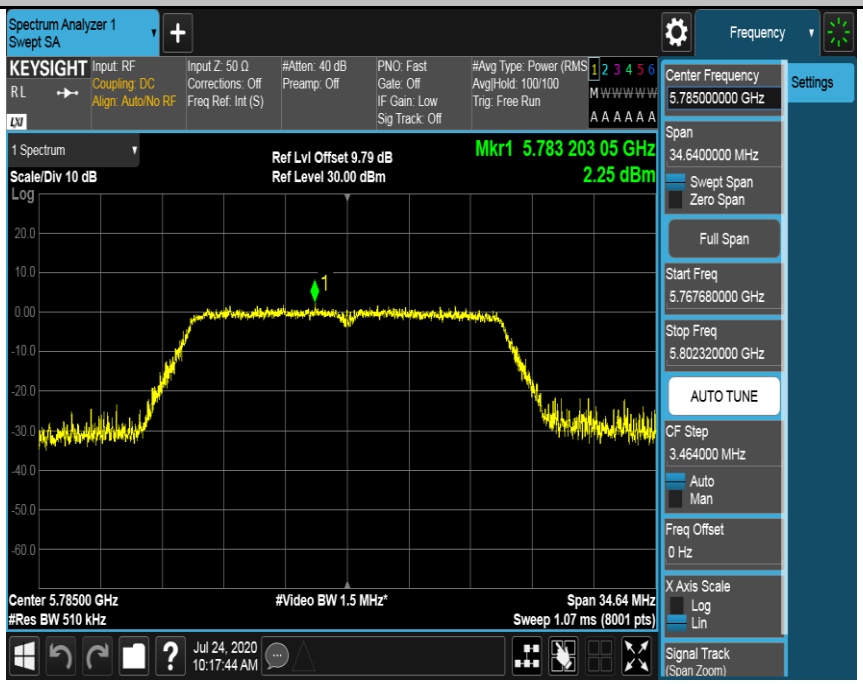
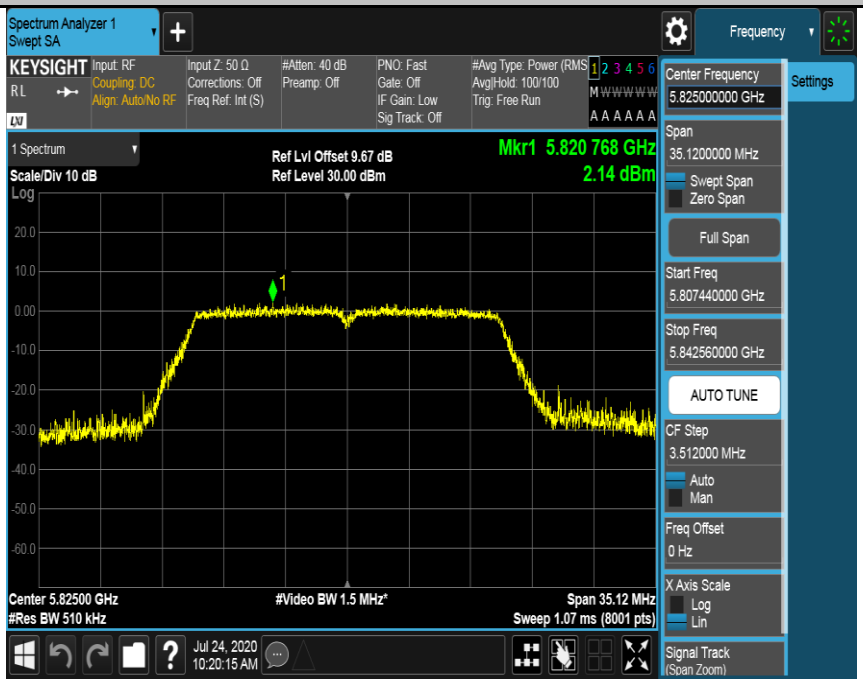
Emission Bandwidth Measurement_11N20_ CH100

Emission Bandwidth Measurement_11N20_ CH116


Emission Bandwidth Measurement_11N20_ CH140


Emission Bandwidth Measurement_11N20_ CH149


Emission Bandwidth Measurement_11N20_ CH157


Emission Bandwidth Measurement_11N20_ CH165


6. RADIATED TEST RESULTS

6.1. LIMITS

Please refer to FCC §15.205, §15.209 and §15.407(b) (4)

Radiation Disturbance Test Limit for FCC (Class B)(9KHz-1GHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

Note: 1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

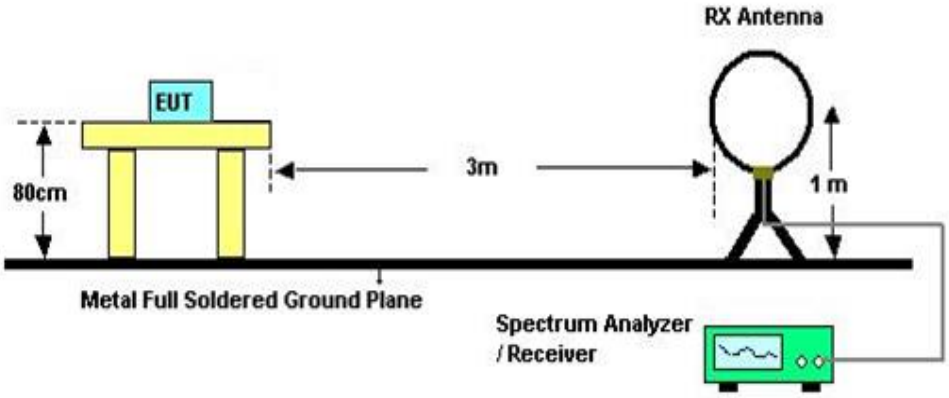
LIMITS OF RADIATED EMISSION MEASUREMENT (Below 1GHz)			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

Limits of unwanted emission out of the restricted bands

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1GHz)		
Frequency Range (MHz) 30 - 88	EIRP Limit	Field Strength Limit (dBuV/m) at 3 m
5150~5250 MHz	PK:-27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz		
5470~5725 MHz		
5725~5850 MHz	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK:105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK:122.2 (dBμV/m) *4
Note: *1 beyond 75 MHz or more above of the band edge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

6.2. TEST SETUP AND PROCEDURE

Below 30MHz



The setting of the spectrum analyser

RBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
VBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
Sweep	Auto
Detector	Peak/QP/ Average
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.

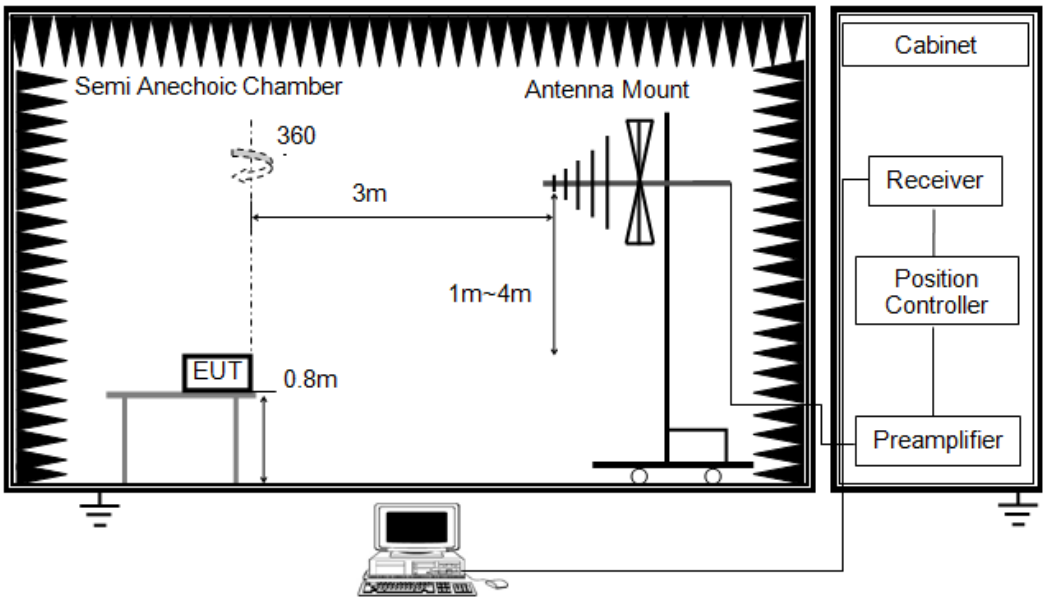
3. The EUT was placed on a turntable with 0.8 meter above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.

5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

6. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Below 1G



The setting of the spectrum analyser

RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

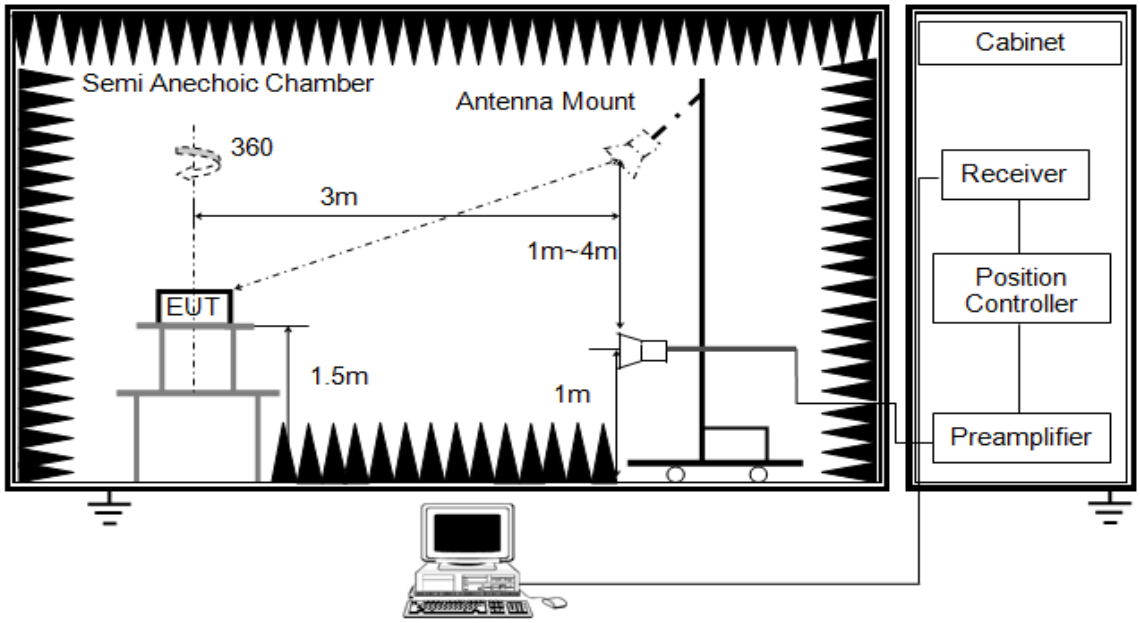
3. The EUT was placed on a turntable with 0.8 meter above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

6. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Above 1G



The setting of the spectrum analyser

RBW	1M
VBW	PEAK: 3M AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 1.5m above ground.

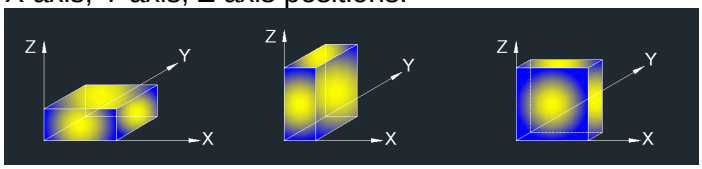
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector. For the Duty Cycle please refer to clause 6.1.ON TIME AND DUTY CYCLE.

7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

X axis, Y axis, Z axis positions:



Note: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (Z axis) data recorded in the report.

6.3. TEST ENVIRONMENT

Temperature	22°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

6.4. RESTRICTED BANDEDGE(WORSE CASE)

Test Result Table

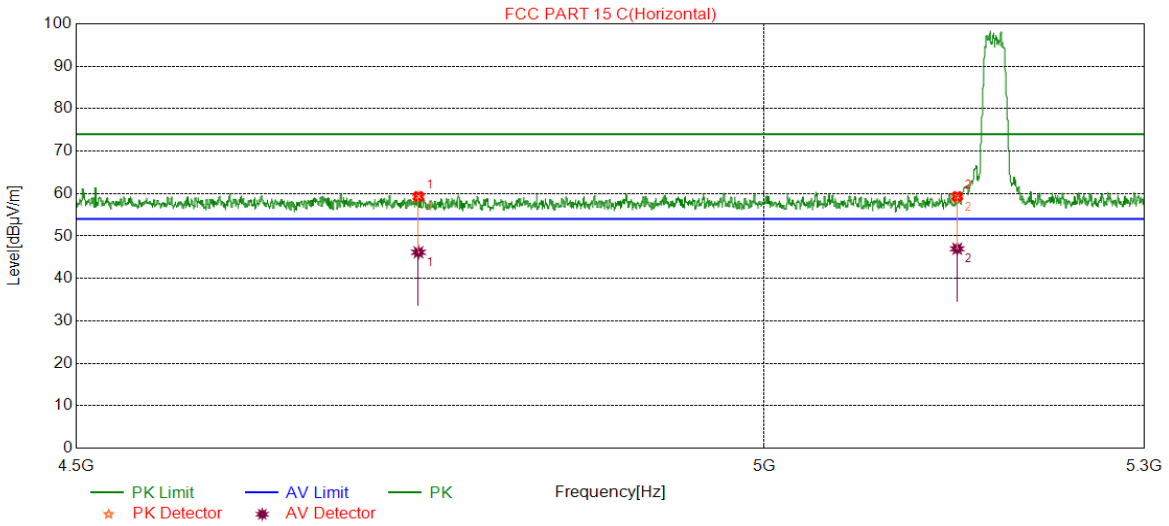
Test Antenna	Test Mode	Channel	Puw(dBm)	Verdict
Ant1	11A	36	<Limit	PASS
		48	<Limit	PASS
		52	<Limit	PASS
		64	<Limit	PASS
		100	<Limit	PASS
		140	<Limit	PASS
		149	<Limit	PASS
		165	<Limit	PASS
	11N20	36	<Limit	PASS
		48	<Limit	PASS
		52	<Limit	PASS
		64	<Limit	PASS
		100	<Limit	PASS
		140	<Limit	PASS
		149	<Limit	PASS
		165	<Limit	PASS

Remark:
1) Pre-testing both antenna1 and antenna2, and find the antenna 1 which is worse case. So only the data of worse case is shown in this test report.
2) For this product, it has two antennas, antenna1 and antenna2, but the ant1 and ant2 can't transmitter at the same time under all test modes. That's this product not support MIMO function, just support diversity function.

Test Graphs:

11A MODE PART:

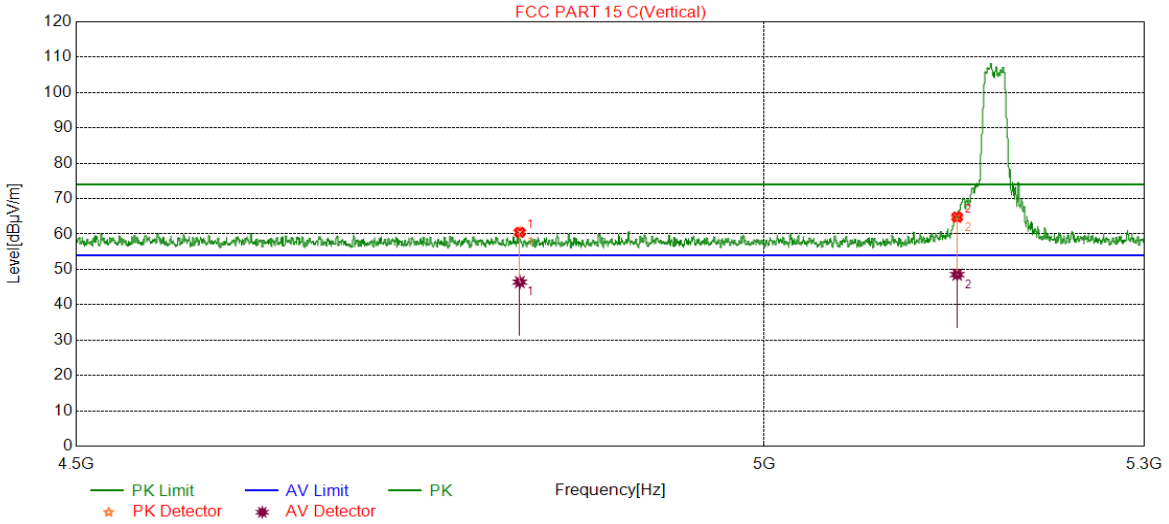
Test Mode	Channel	Polarization	Verdict
11A	36	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4742.1042	39.27	20.05	59.32	74.00	-14.68	peak
		26.10	20.05	46.15	54.00	-7.85	average
2	5150.0000	38.87	20.46	59.33	74.00	-14.67	peak
		26.53	20.46	46.99	54.00	-7.01	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

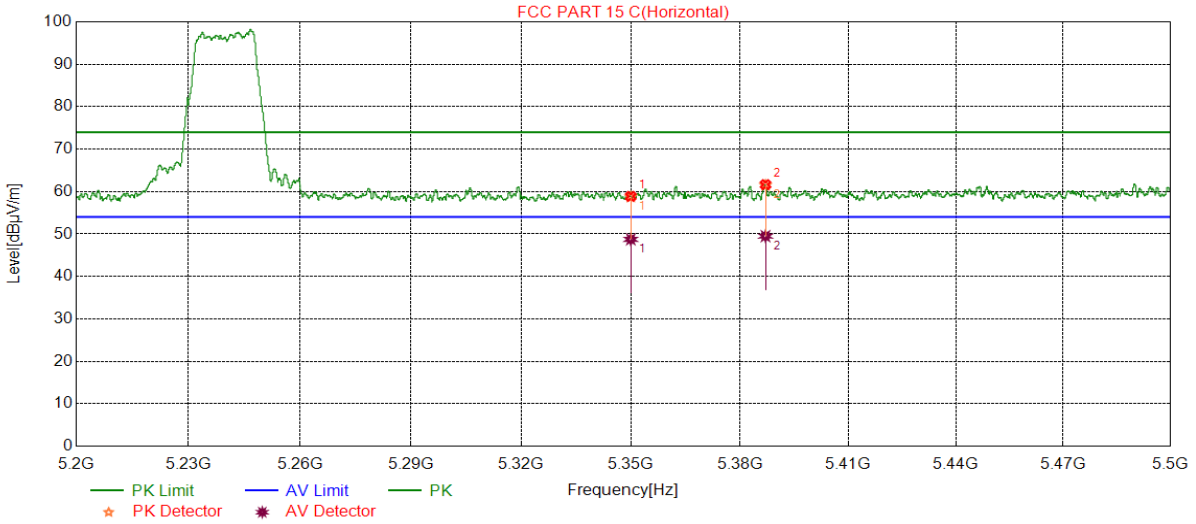
Test Mode	Channel	Polarization	Verdict
11A	36	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4816.2716	40.39	20.07	60.46	74.00	-13.54	peak
		26.34	20.07	46.41	54.00	-7.59	average
2	5150.0000	44.36	20.46	64.82	74.00	-9.18	peak
		28.06	20.46	48.52	54.00	-5.48	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

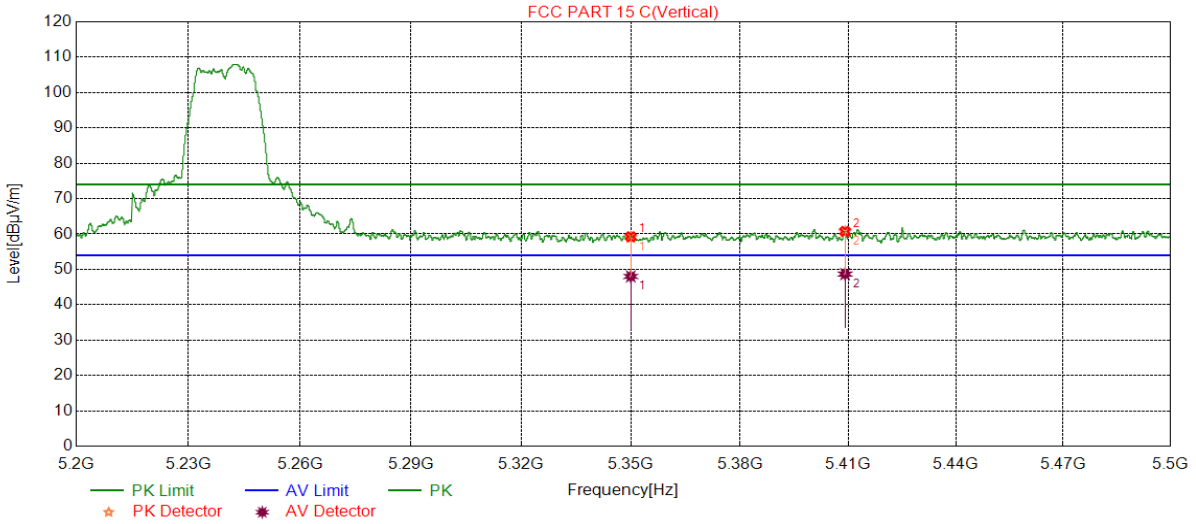
Test Mode	Channel	Polarization	Verdict
11A	48	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	37.61	21.26	58.87	74.00	-15.13	peak
		27.48	21.26	48.74	54.00	-5.26	average
2	5387.0987	39.97	21.67	61.64	74.00	-12.36	peak
		27.82	21.67	49.49	54.00	-4.51	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

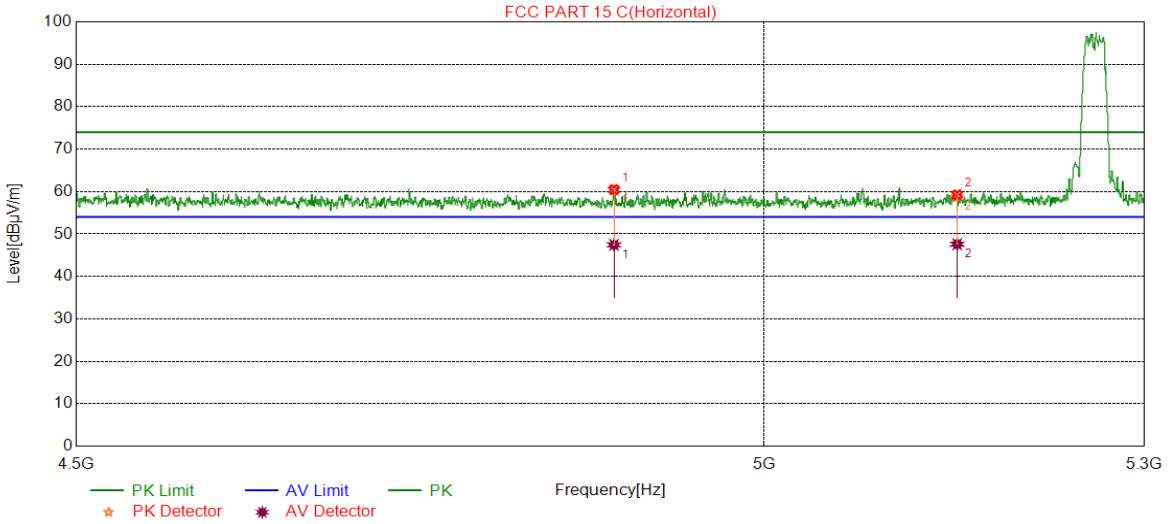
Test Mode	Channel	Polarization	Verdict
11A	48	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	37.97	21.26	59.23	74.00	-14.77	peak
		26.74	21.26	48.00	54.00	-6.00	average
2	5409.1209	39.21	21.53	60.74	74.00	-13.26	peak
		27.13	21.53	48.66	54.00	-5.34	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

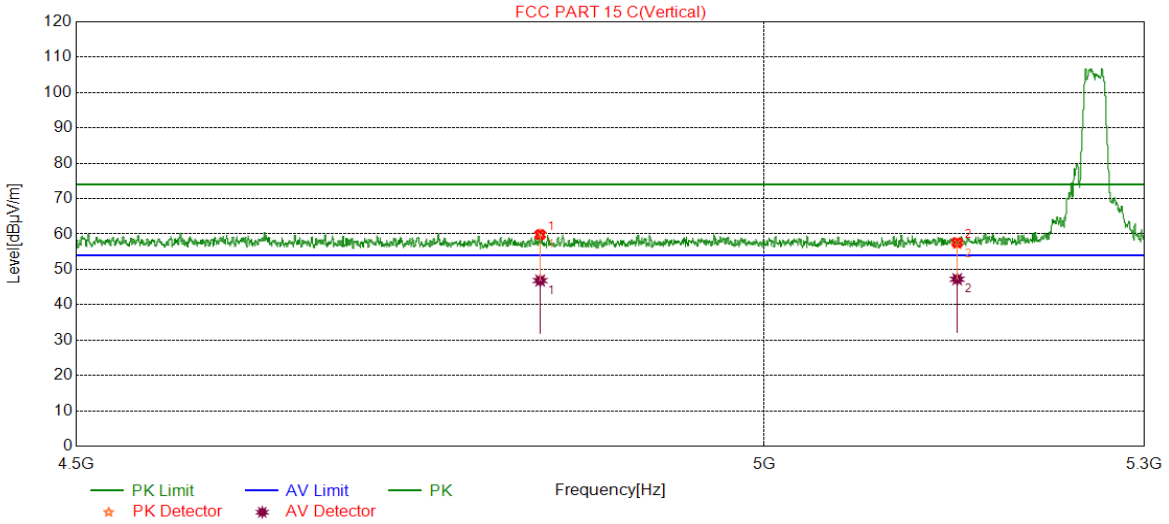
Test Mode	Channel	Polarization	Verdict
11A	52	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4886.2786	40.33	20.12	60.45	74.00	-13.55	peak
		27.33	20.12	47.45	54.00	-6.55	average
2	5150.0000	38.77	20.46	59.23	74.00	-14.77	peak
		27.14	20.46	47.60	54.00	-6.40	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

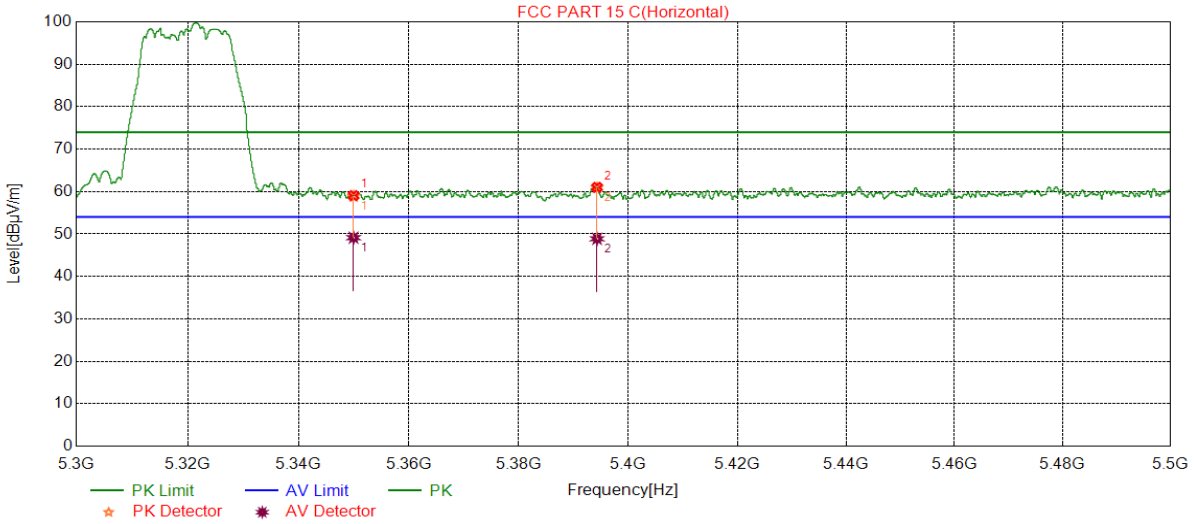
Test Mode	Channel	Polarization	Verdict
11A	52	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4831.3131	39.80	20.03	59.83	74.00	-14.17	peak
		26.80	20.03	46.83	54.00	-7.17	average
2	5150.0000	37.11	20.46	57.57	74.00	-16.43	peak
		26.76	20.46	47.22	54.00	-6.78	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

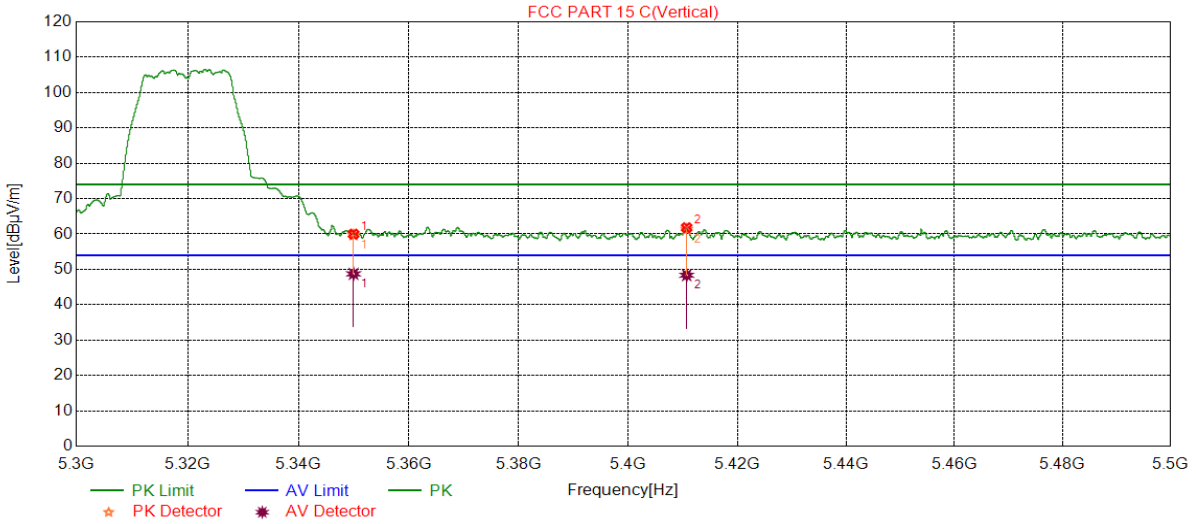
Test Mode	Channel	Polarization	Verdict
11A	64	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	37.79	21.26	59.05	74.00	-14.95	peak
		27.87	21.26	49.13	54.00	-4.87	average
2	5394.3094	39.29	21.71	61.00	74.00	-13.00	peak
		27.16	21.71	48.87	54.00	-5.13	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

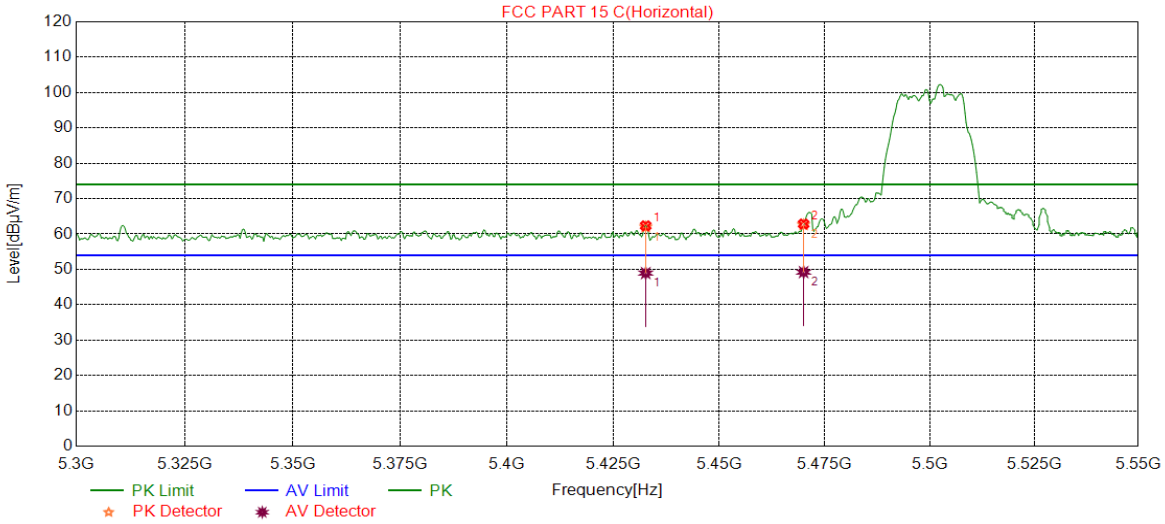
Test Mode	Channel	Polarization	Verdict
11A	64	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	38.70	21.26	59.96	74.00	-14.04	peak
		27.46	21.26	48.72	54.00	-5.28	average
2	5410.7111	40.27	21.52	61.79	74.00	-12.21	peak
		26.82	21.52	48.34	54.00	-5.66	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

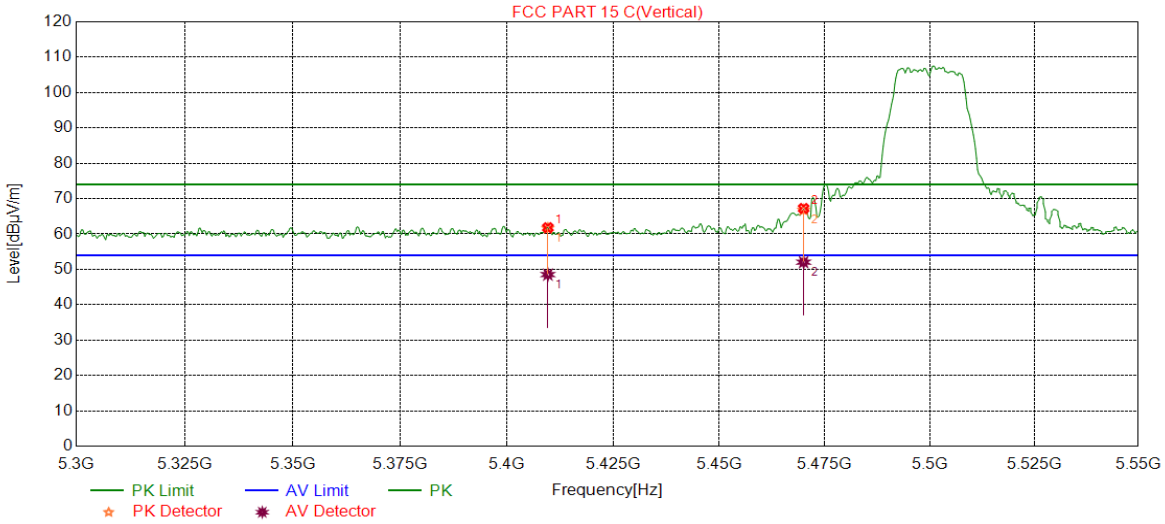
Test Mode	Channel	Polarization	Verdict
11A	100	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5432.6326	40.69	21.63	62.32	74.00	-11.68	peak
		27.31	21.63	48.94	54.00	-5.06	average
2	5470.0000	41.34	21.49	62.83	74.00	-11.17	peak
		27.73	21.49	49.22	54.00	-4.78	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

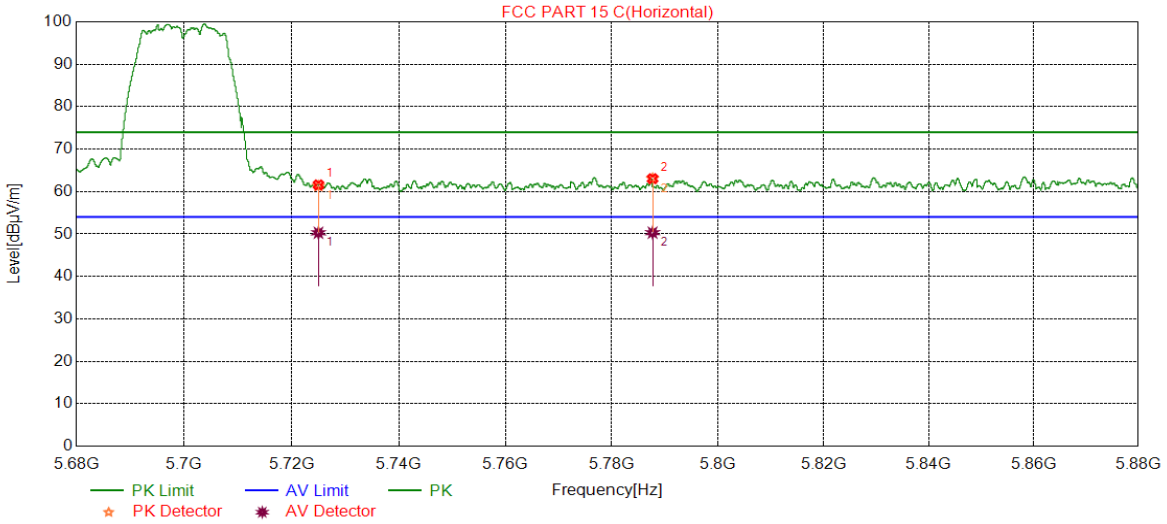
Test Mode	Channel	Polarization	Verdict
11A	100	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5409.6096	40.26	21.53	61.79	74.00	-12.21	peak
		26.99	21.53	48.52	54.00	-5.48	average
2	5470.0000	45.74	21.49	67.23	74.00	-6.77	peak
		30.54	21.49	52.03	54.00	-1.97	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

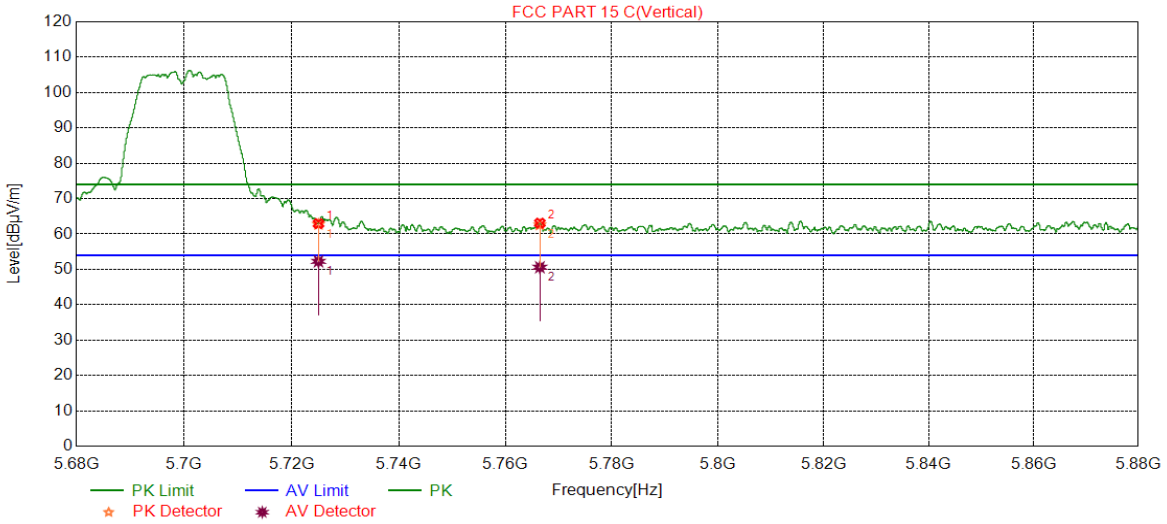
Test Mode	Channel	Polarization	Verdict
11A	140	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.0000	39.41	22.16	61.57	74.00	-12.43	peak
		28.13	22.16	50.29	54.00	-3.71	average
2	5787.6908	40.68	22.36	63.04	74.00	-10.96	peak
		27.95	22.36	50.31	54.00	-3.69	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

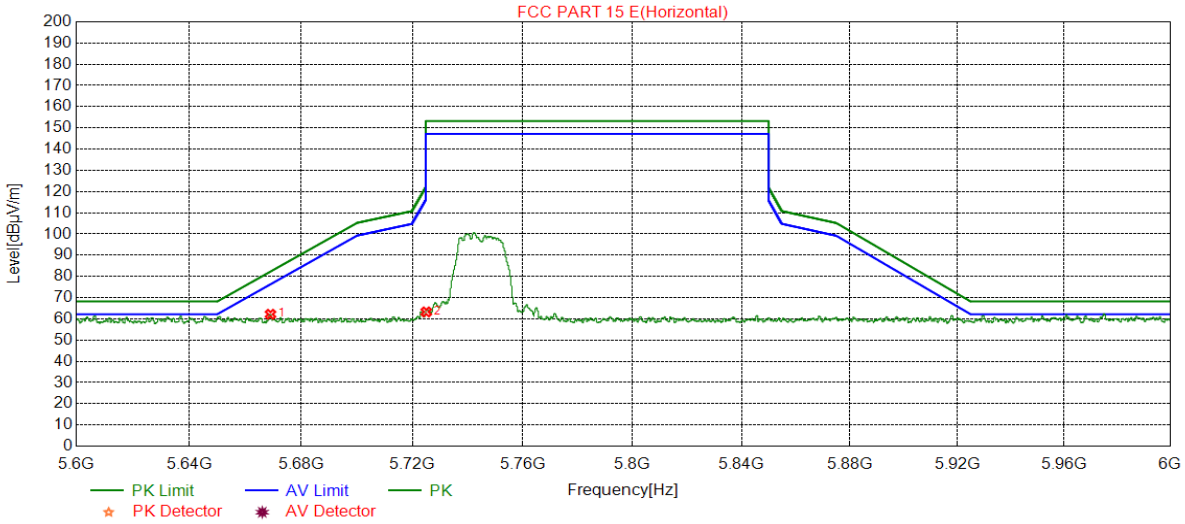
Test Mode	Channel	Polarization	Verdict
11A	140	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.0000	40.78	22.16	62.94	74.00	-11.06	peak
		30.10	22.16	52.26	54.00	-1.74	average
2	5766.4686	40.88	22.20	63.08	74.00	-10.92	peak
		28.39	22.20	50.59	54.00	-3.41	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

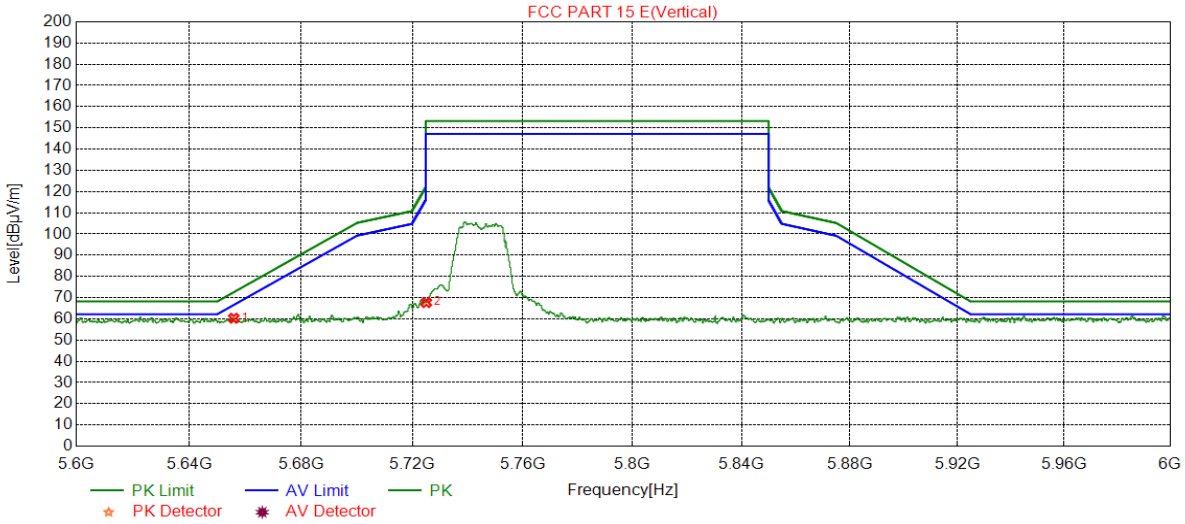
Test Mode	Channel	Polarization	Verdict
11A	149	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5669.0069	39.94	22.24	62.18	82.30	-20.12	peak
2	5725.0000	41.12	22.16	63.28	122.20	-58.92	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

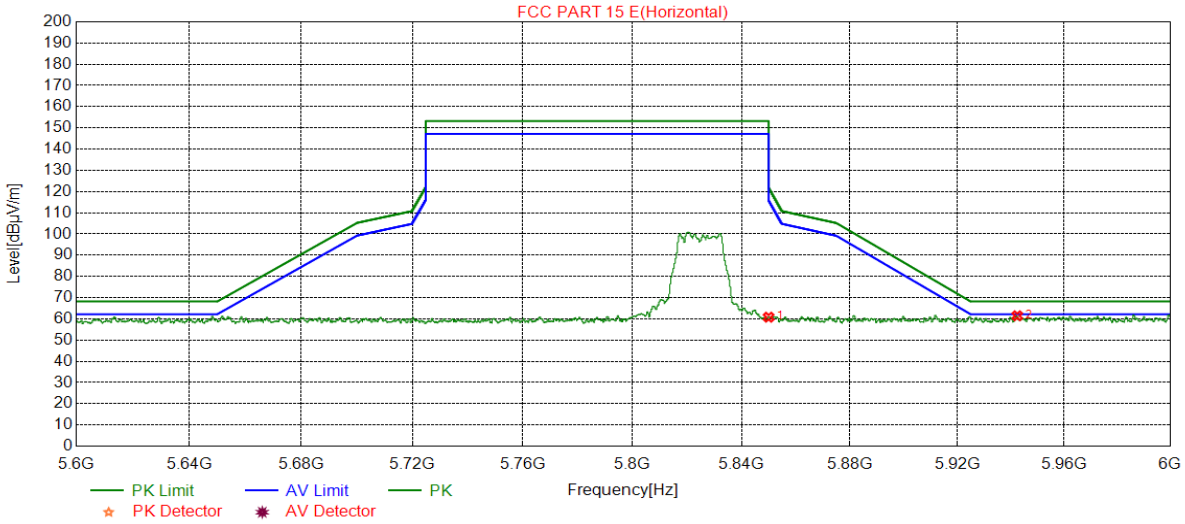
Test Mode	Channel	Polarization	Verdict
11A	149	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5655.8856	38.01	22.29	60.30	72.57	-12.27	peak
2	5725.0000	45.52	22.16	67.68	122.20	-54.52	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

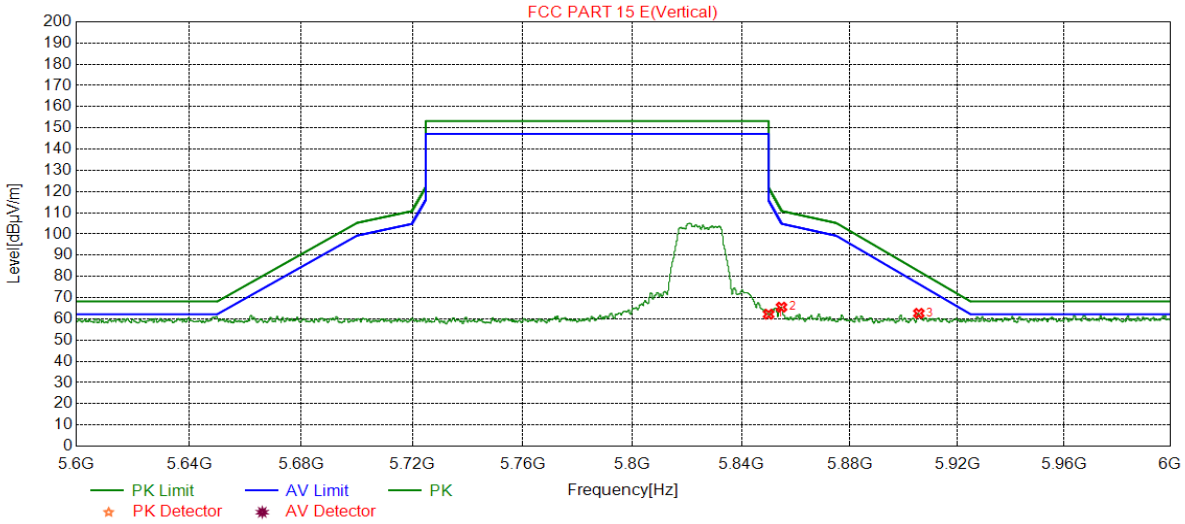
Test Mode	Channel	Polarization	Verdict
11A	157	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	38.31	22.48	60.79	122.20	-61.41	peak
2	5942.5143	38.83	22.63	61.46	68.20	-6.74	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11A	157	Vertical	PASS

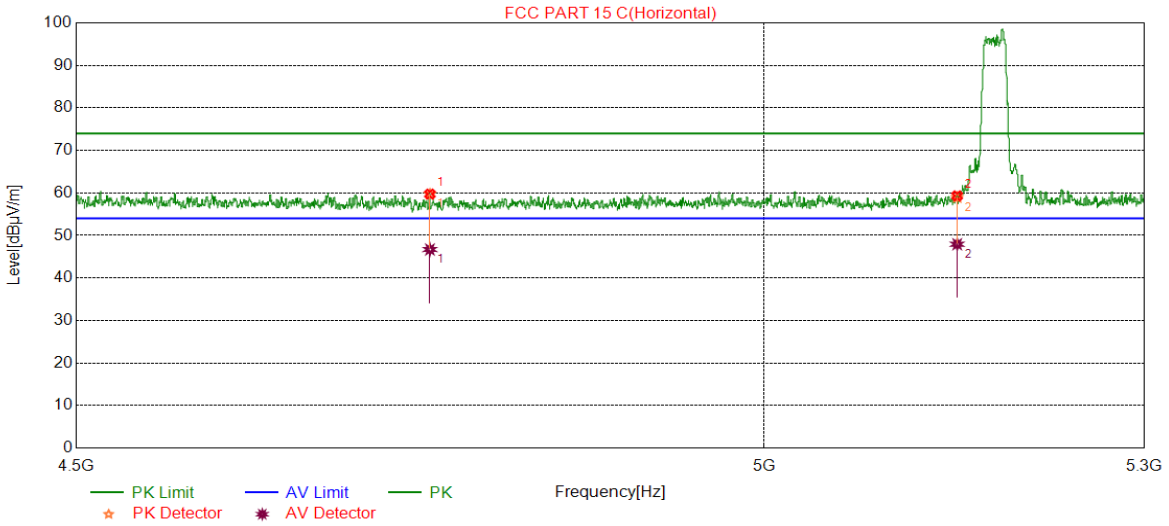


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	39.72	22.48	62.20	122.20	-60.00	peak
2	5854.7455	43.08	22.44	65.52	111.38	-45.86	peak
3	5905.7106	40.15	22.45	62.60	82.44	-19.84	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

11N20 PART:

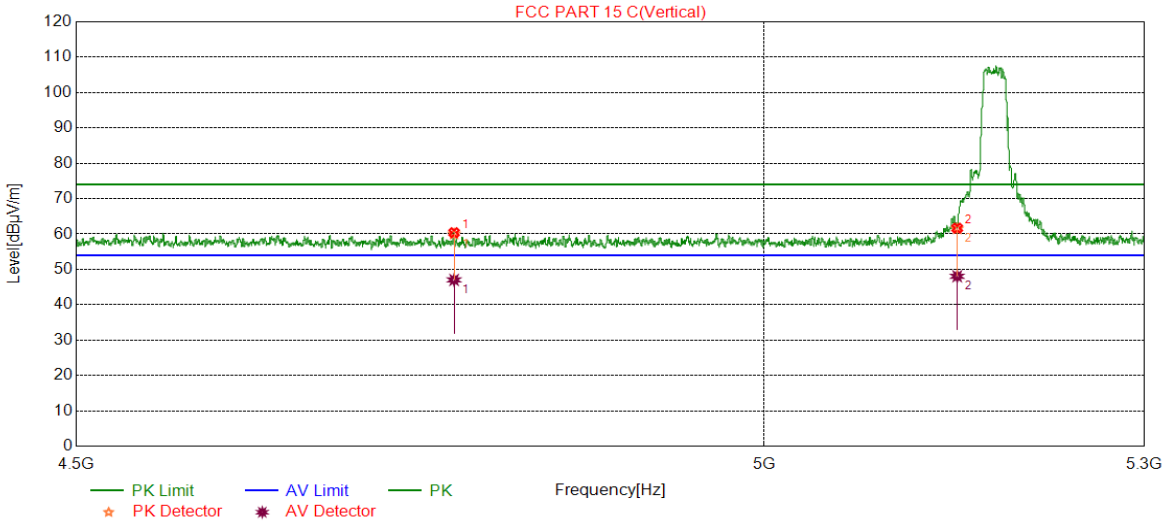
Test Mode	Channel	Polarization	Verdict
11N20	36	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4750.4250	39.71	20.02	59.73	74.00	-14.27	peak
		26.67	20.02	46.69	54.00	-7.31	average
2	5150.0000	38.86	20.46	59.32	74.00	-14.68	peak
		27.47	20.46	47.93	54.00	-6.07	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

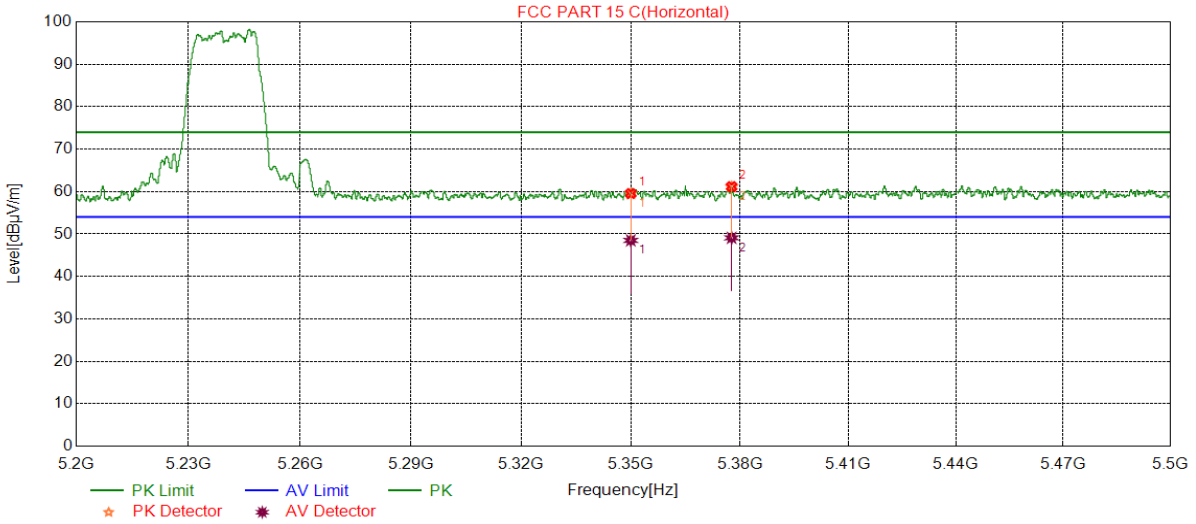
Test Mode	Channel	Polarization	Verdict
11N20	36	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4768.0268	40.37	20.01	60.38	74.00	-13.62	peak
		27.00	20.01	47.01	54.00	-6.99	average
2	5150.0000	41.20	20.46	61.66	74.00	-12.34	peak
		27.58	20.46	48.04	54.00	-5.96	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

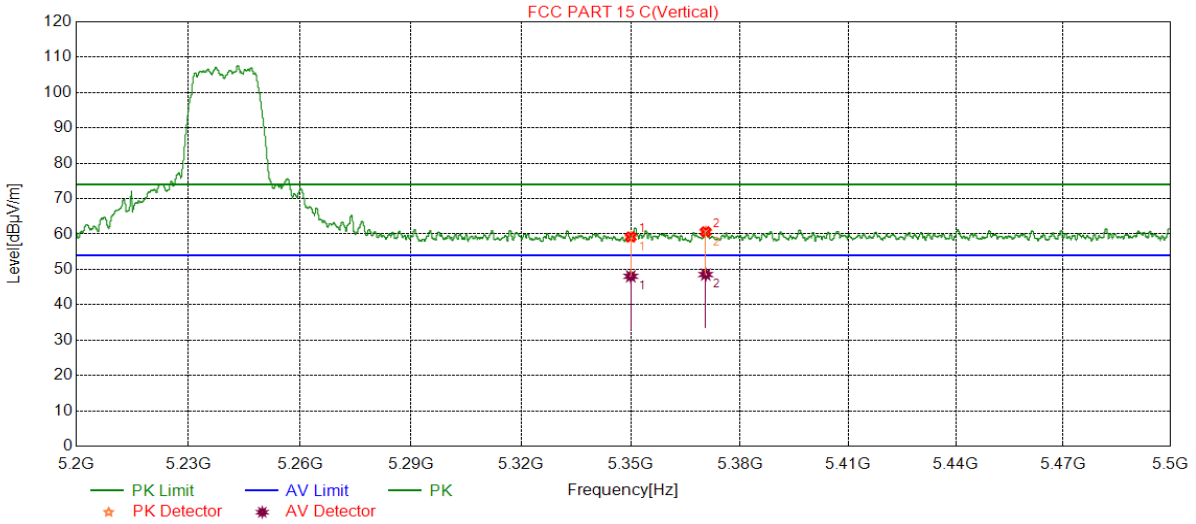
Test Mode	Channel	Polarization	Verdict
11N20	48	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	38.28	21.26	59.54	74.00	-14.46	peak
		27.23	21.26	48.49	54.00	-5.51	average
2	5377.7378	39.66	21.51	61.17	74.00	-12.83	peak
		27.58	21.51	49.09	54.00	-4.91	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

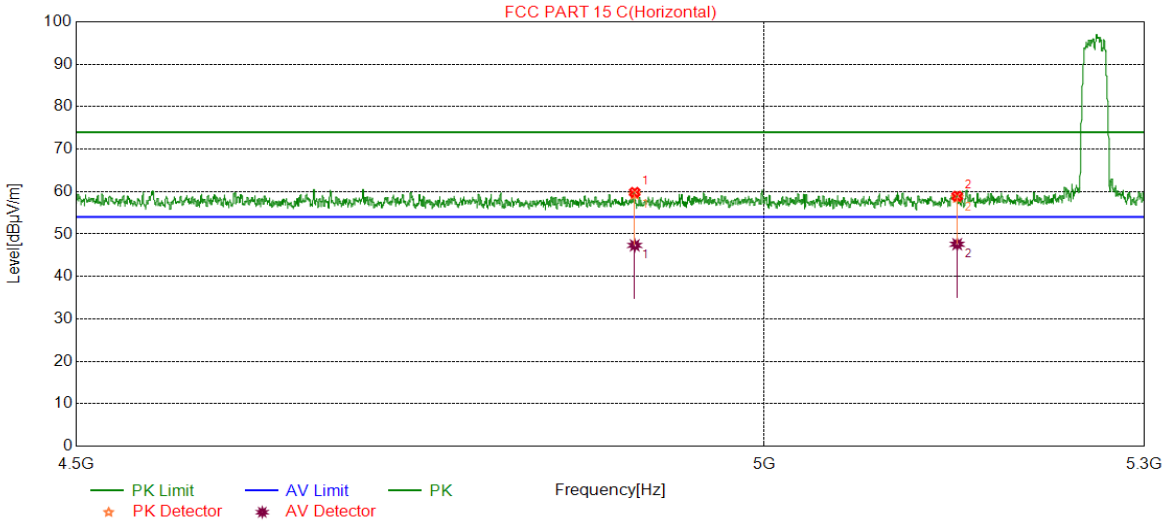
Test Mode	Channel	Polarization	Verdict
11N20	48	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	37.92	21.26	59.18	74.00	-14.82	peak
		26.78	21.26	48.04	54.00	-5.96	average
2	5370.5971	39.20	21.43	60.63	74.00	-13.37	peak
		27.11	21.43	48.54	54.00	-5.46	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

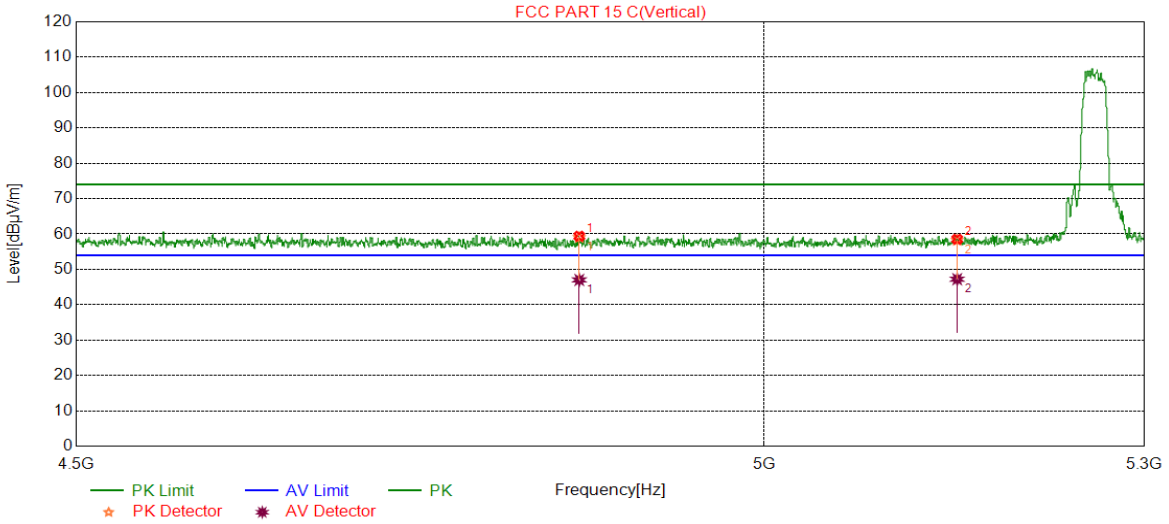
Test Mode	Channel	Polarization	Verdict
11N20	52	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4901.8002	39.47	20.34	59.81	74.00	-14.19	peak
		26.98	20.34	47.32	54.00	-6.68	average
2	5150.0000	38.45	20.46	58.91	74.00	-15.09	peak
		27.14	20.46	47.60	54.00	-6.40	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

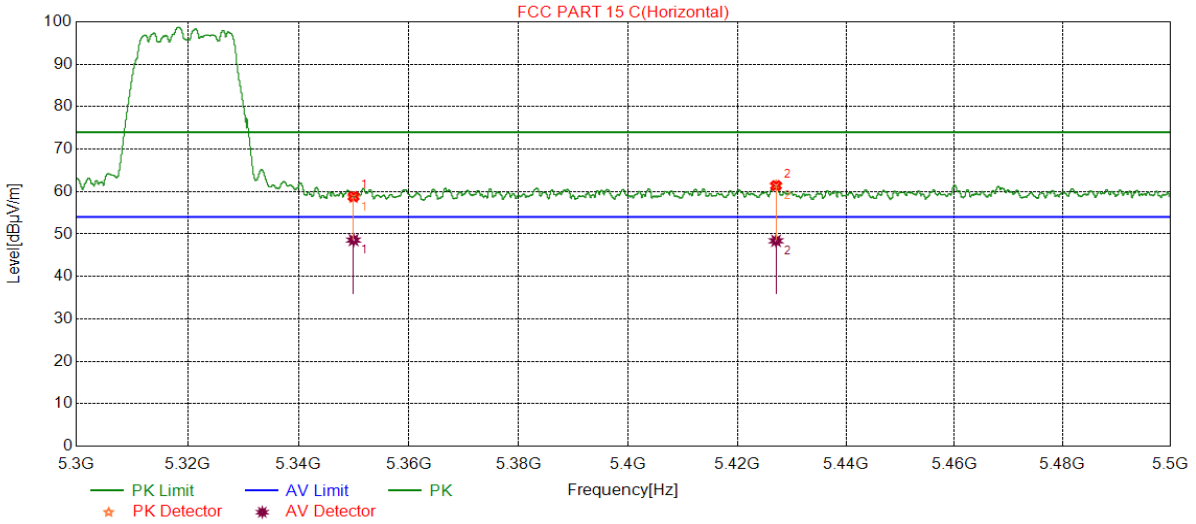
Test Mode	Channel	Polarization	Verdict
11N20	52	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4860.3560	39.16	20.23	59.39	74.00	-14.61	peak
		26.78	20.23	47.01	54.00	-6.99	average
2	5150.0000	38.07	20.46	58.53	74.00	-15.47	peak
		26.76	20.46	47.22	54.00	-6.78	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

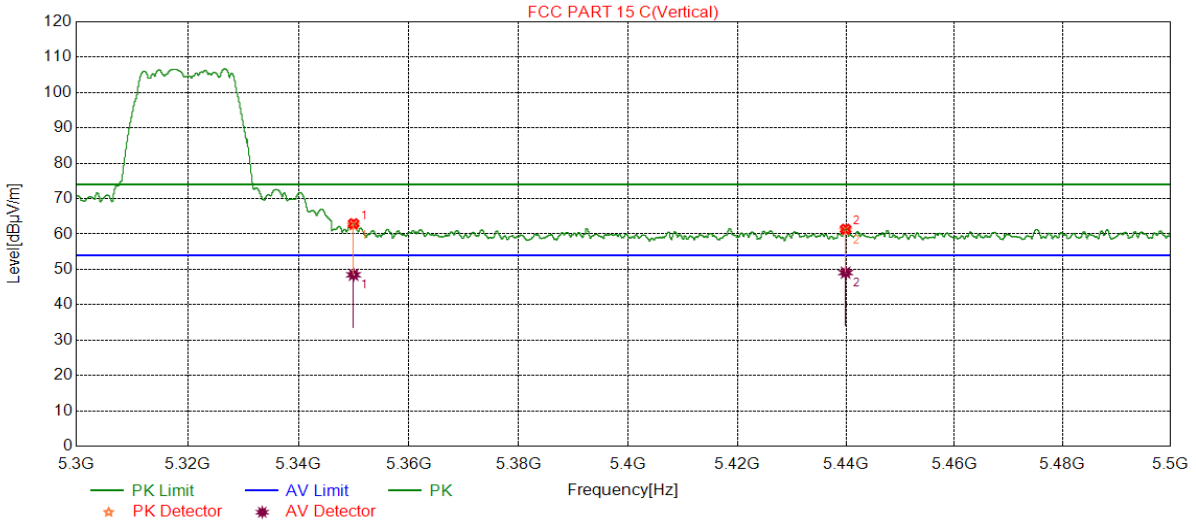
Test Mode	Channel	Polarization	Verdict
11N20	64	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	37.56	21.26	58.82	74.00	-15.18	peak
		27.31	21.26	48.57	54.00	-5.43	average
2	5427.1127	39.82	21.59	61.41	74.00	-12.59	peak
		26.80	21.59	48.39	54.00	-5.61	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

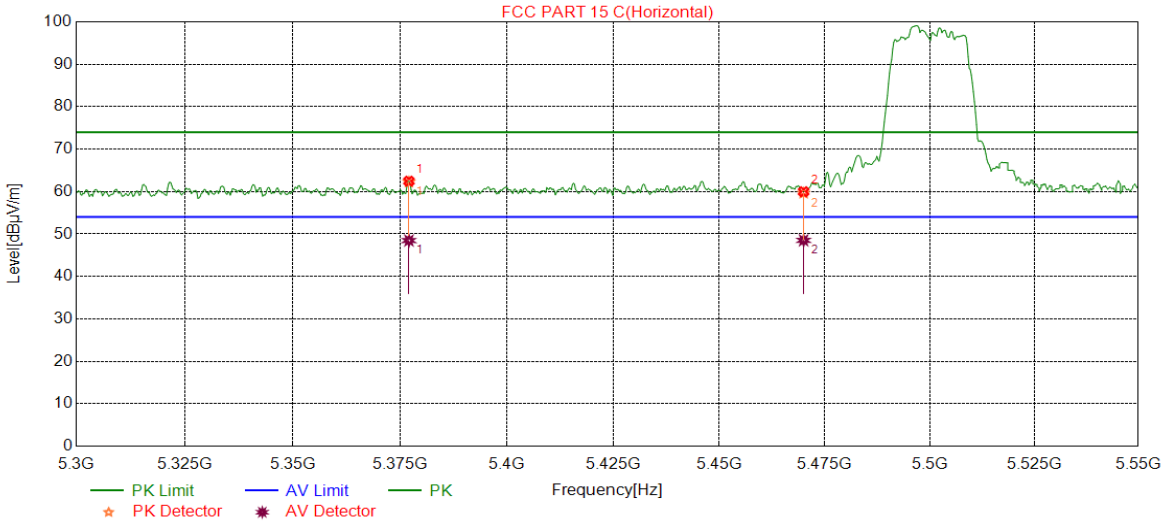
Test Mode	Channel	Polarization	Verdict
11N20	64	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	41.67	21.26	62.93	74.00	-11.07	peak
		27.21	21.26	48.47	54.00	-5.53	average
2	5439.9140	39.71	21.67	61.38	74.00	-12.62	peak
		27.40	21.67	49.07	54.00	-4.93	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

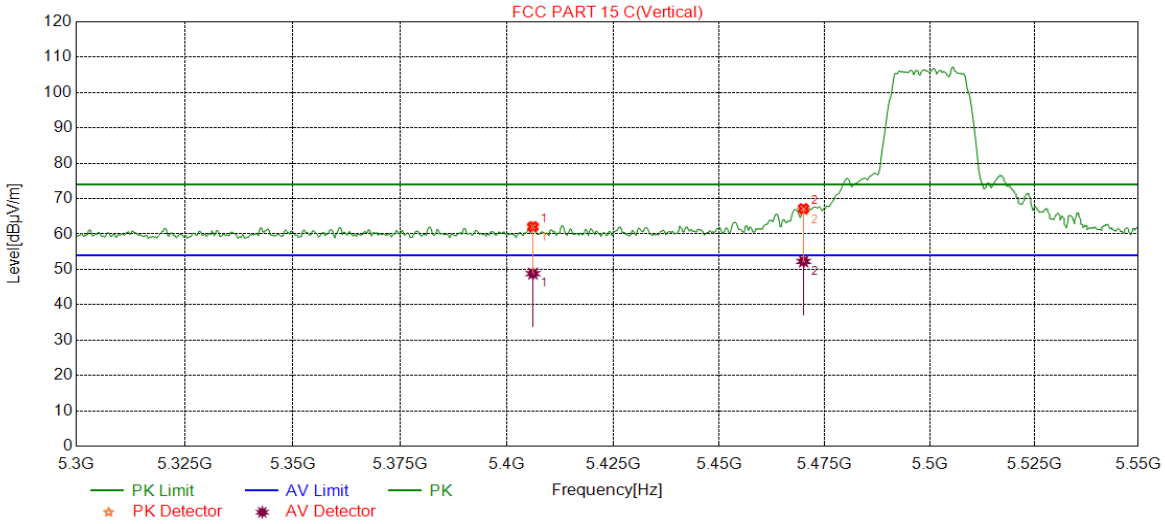
Test Mode	Channel	Polarization	Verdict
11N20	100	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5377.0771	40.96	21.50	62.46	74.00	-11.54	peak
		26.96	21.50	48.46	54.00	-5.54	average
2	5470.0000	38.49	21.49	59.98	74.00	-14.02	peak
		27.01	21.49	48.50	54.00	-5.50	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

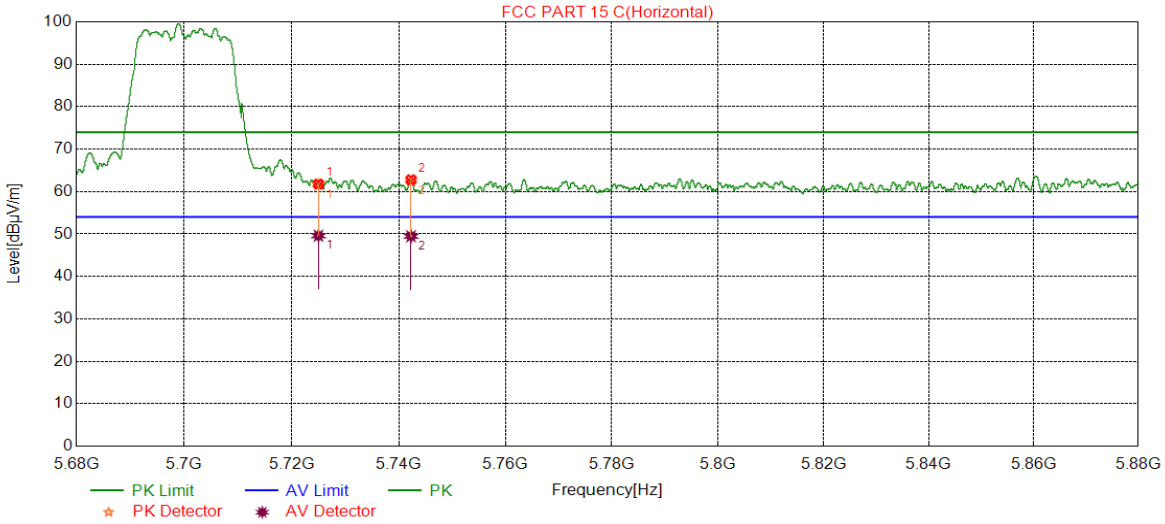
Test Mode	Channel	Polarization	Verdict
11N20	100	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5406.1061	40.55	21.55	62.10	74.00	-11.90	peak
		27.25	21.55	48.80	54.00	-5.20	average
2	5470.0000	45.69	21.49	67.18	74.00	-6.82	peak
		30.75	21.49	52.24	54.00	-1.76	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

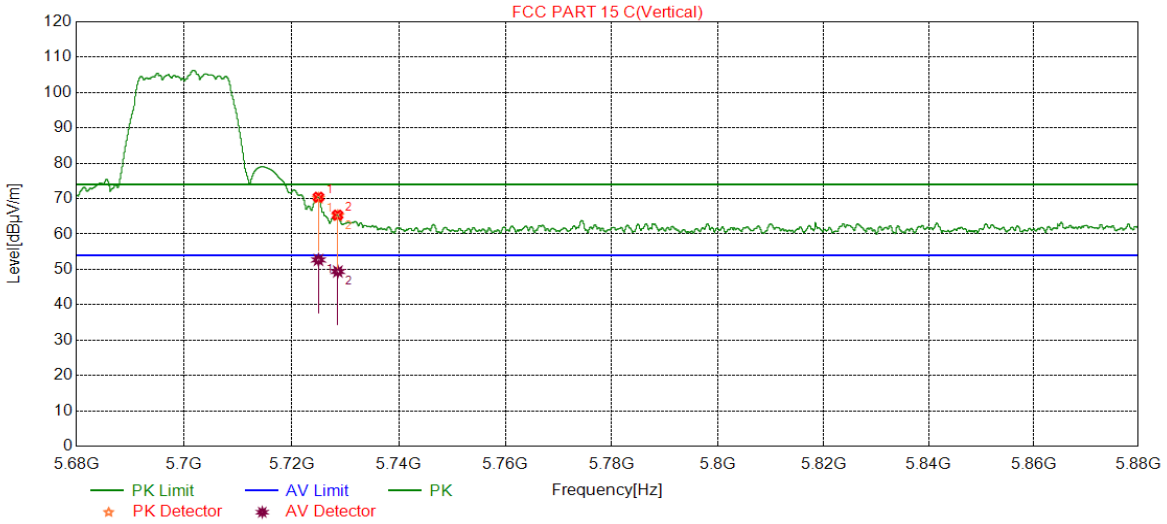
Test Mode	Channel	Polarization	Verdict
11N20	140	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.0000	39.62	22.16	61.78	74.00	-12.22	peak
		27.43	22.16	49.59	54.00	-4.41	average
2	5742.3062	40.71	22.07	62.78	74.00	-11.22	peak
		27.40	22.07	49.47	54.00	-4.53	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

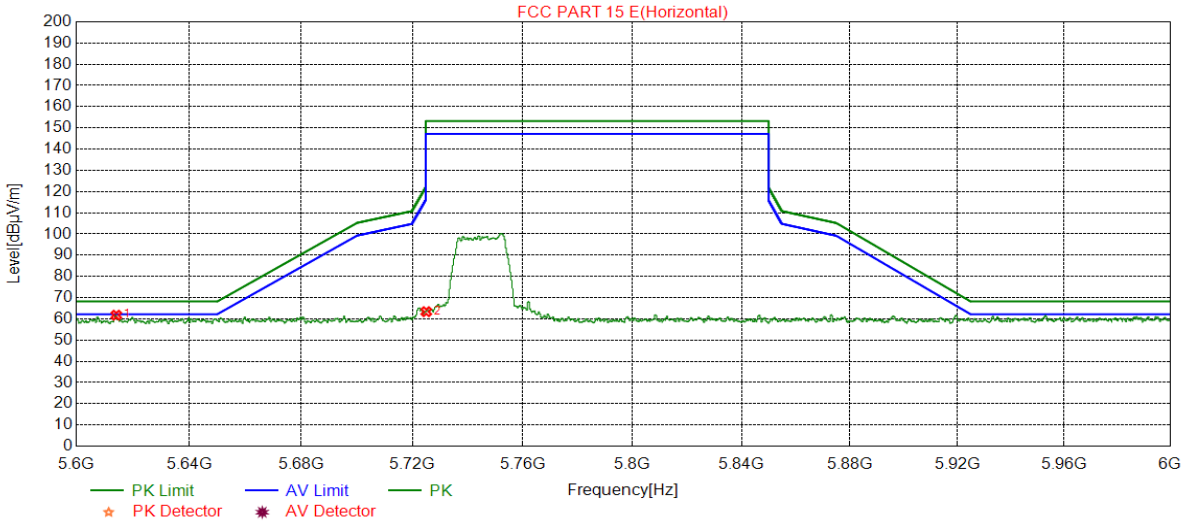
Test Mode	Channel	Polarization	Verdict
11N20	140	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5725.0000	48.26	22.16	70.42	74.00	-3.58	peak
		30.51	22.16	52.67	54.00	-1.33	average
2	5728.5649	43.21	22.14	65.35	74.00	-8.65	peak
		27.26	22.13	49.39	54.00	-4.61	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

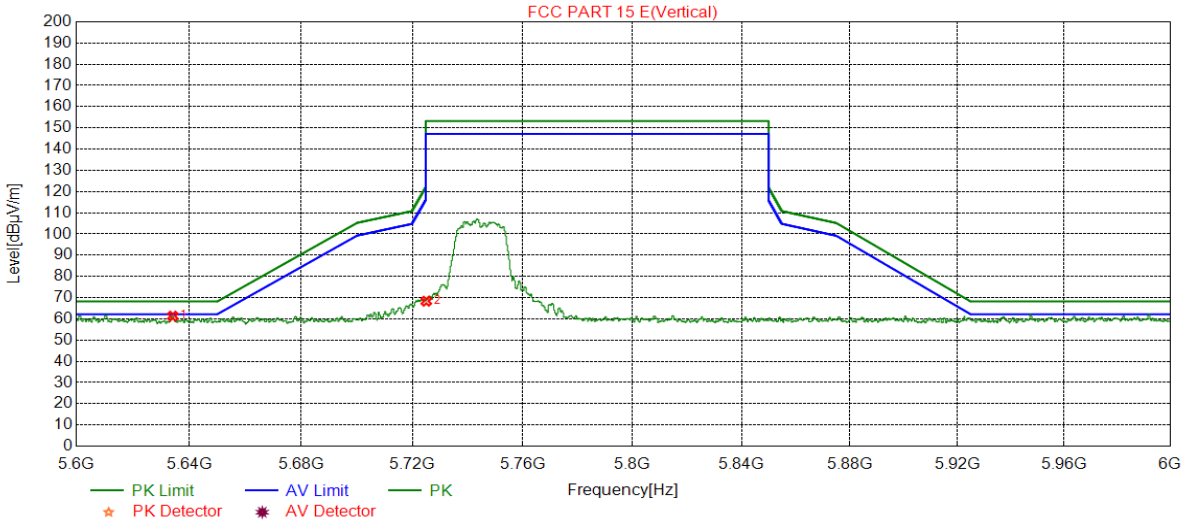
Test Mode	Channel	Polarization	Verdict
11N20	149	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5614.1214	39.83	21.92	61.75	68.20	-6.45	peak
2	5725.0000	41.23	22.16	63.39	122.20	-58.81	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

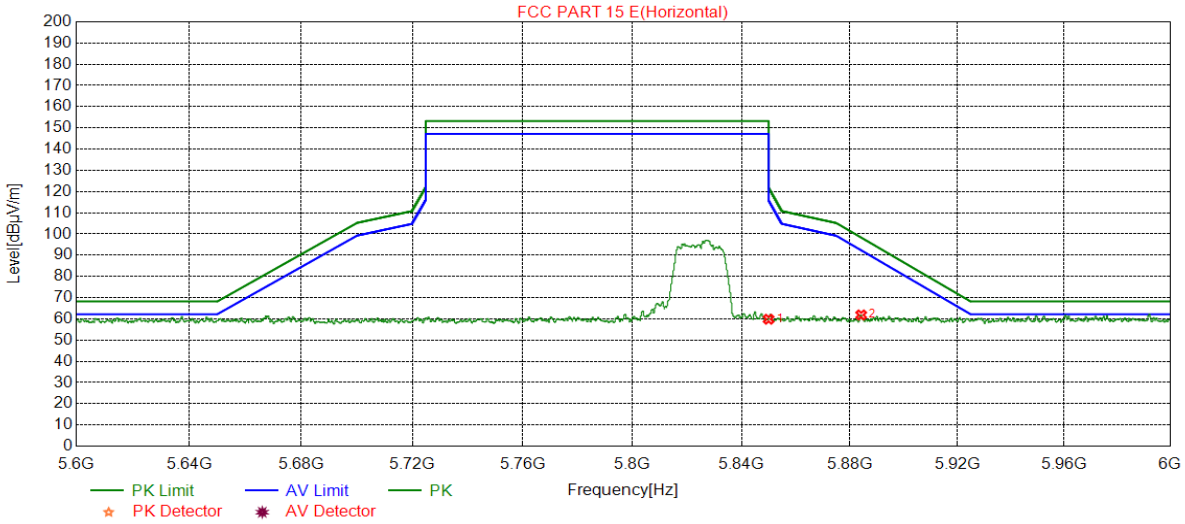
Test Mode	Channel	Polarization	Verdict
11N20	149	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5634.1634	39.26	22.03	61.29	68.20	-6.91	peak
2	5725.0000	46.17	22.16	68.33	122.20	-53.87	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

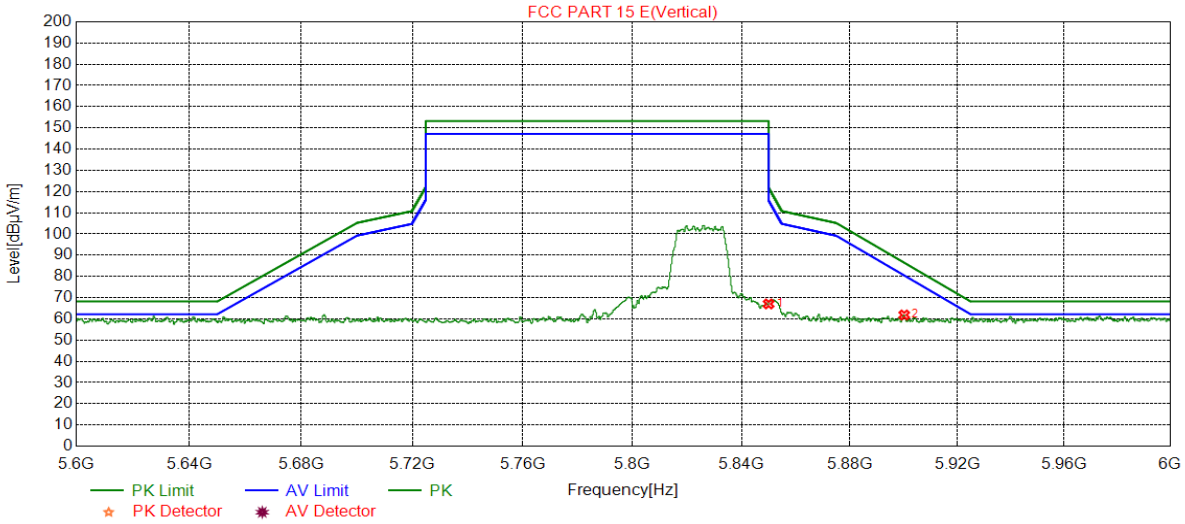
Test Mode	Channel	Polarization	Verdict
11N20	157	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	37.36	22.48	59.84	122.20	-62.36	peak
2	5884.2684	39.47	22.38	61.85	98.32	-36.47	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N20	157	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	44.56	22.48	67.04	122.20	-55.16	peak
2	5900.2700	39.38	22.46	61.84	86.46	-24.62	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to 6.1.ON TIME AND DUTY CYCLE.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

6.5. HARMONICS AND SPURIOUS EMISSIONS

Test Result Table

Ant1	11A	36	<Limit	PASS
		48	<Limit	PASS
		52	<Limit	PASS
		64	<Limit	PASS
		100	<Limit	PASS
		140	<Limit	PASS
		149	<Limit	PASS
		165	<Limit	PASS
	11N20	36	<Limit	PASS
		48	<Limit	PASS
		52	<Limit	PASS
		64	<Limit	PASS
		100	<Limit	PASS
		140	<Limit	PASS
		149	<Limit	PASS
		165	<Limit	PASS

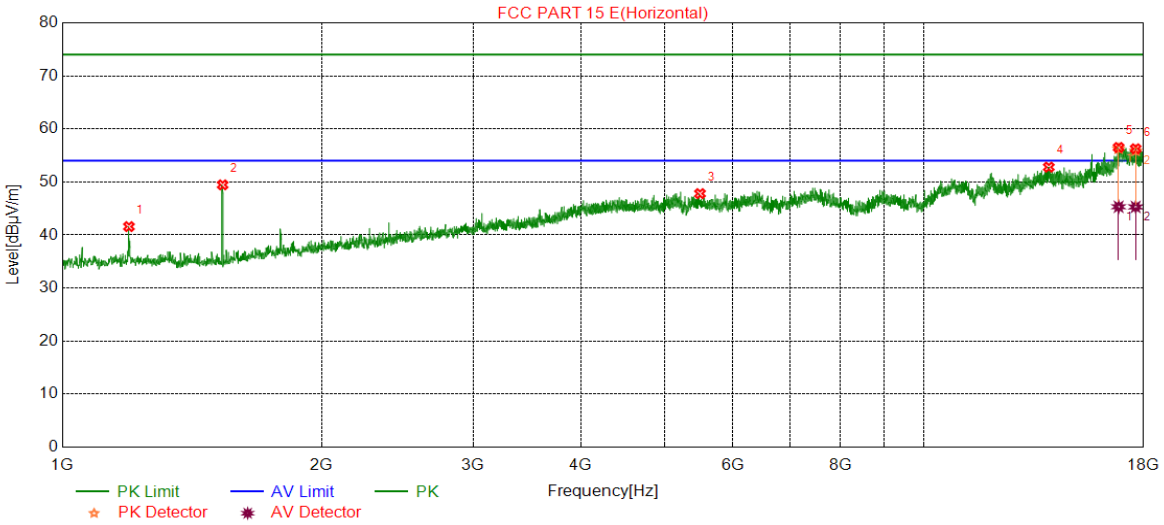
Remark:
1) Pre-testing both antenna1 and antenna2, and find the antenna 1 which is worse case. So only the data of worse case is shown in this test report.

2) For this product, it has two antennas, antenna1 and antenna2, but the ant1 and ant2 can't transmitter at the same time under all test modes. That's this product not support MIMO function, just support diversity function.

Test Graphs:

PART I:FOR 11A MODE

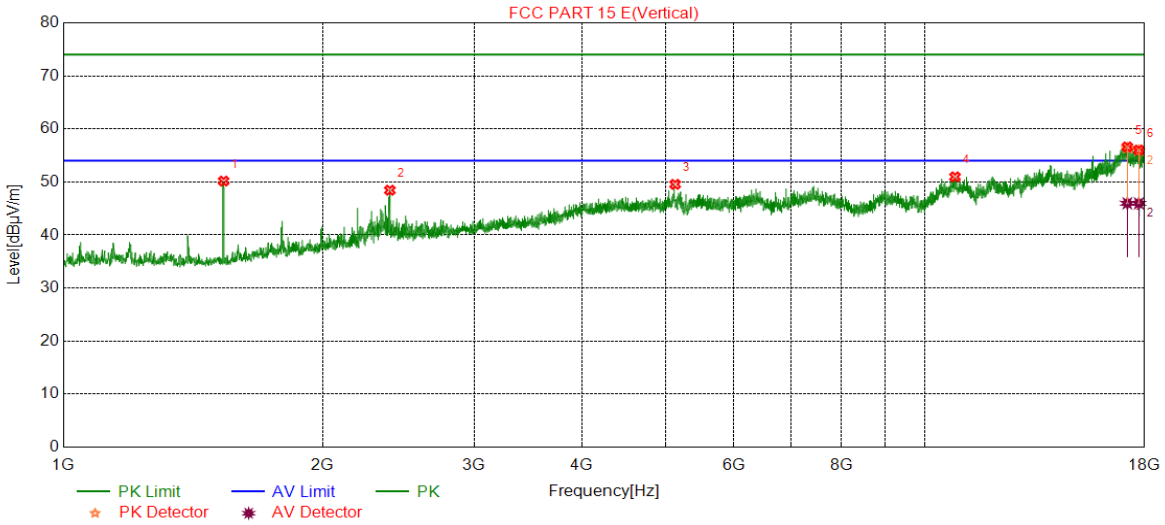
Test Mode	Channel	Polarization	Verdict
11A	36	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1195.2825	46.62	-5.04	41.58	74.00	-32.42	peak
2	1535.4226	54.41	-4.96	49.45	74.00	-24.55	peak
3	5499.7500	40.30	7.50	47.80	74.00	-26.20	peak
4	13970.4951	37.55	15.24	52.79	74.00	-21.21	peak
5	16836.3894	37.86	18.64	56.50	74.00	-17.50	peak
		26.68	18.64	45.32	54.00	-8.68	average
6	17622.3537	37.56	18.69	56.25	74.00	-17.75	peak
		26.60	18.69	45.29	54.00	-8.71	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

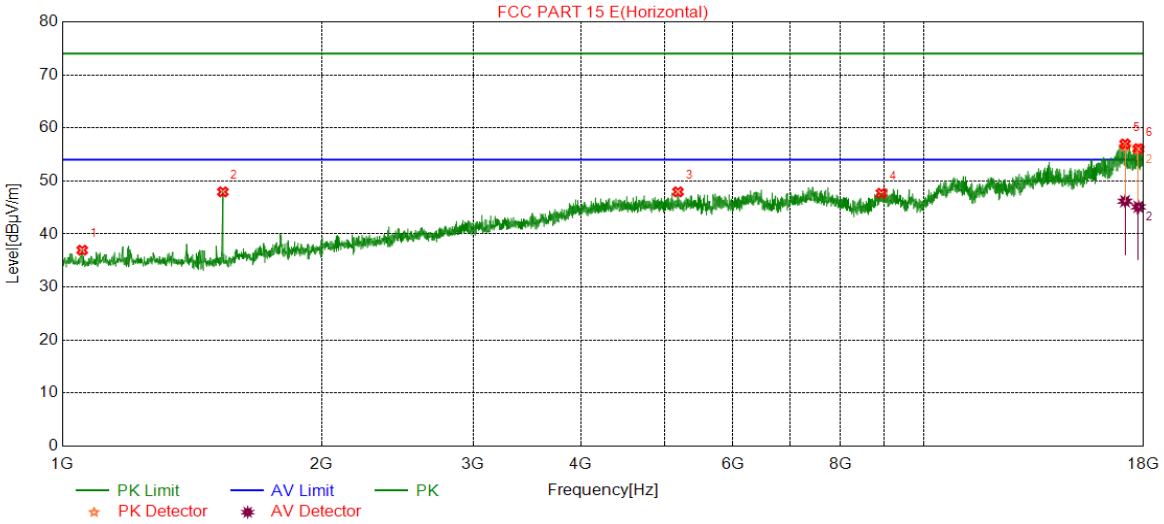
Test Mode	Channel	Polarization	Verdict
11A	36	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	55.12	-4.96	50.16	74.00	-23.84	peak
2	2394.4824	49.45	-1.01	48.44	74.00	-25.56	peak
3	5132.1054	42.40	7.15	49.55	74.00	-24.45	peak
4	10843.8906	38.01	12.95	50.96	74.00	-23.04	peak
5	17187.1979	37.56	19.04	56.60	74.00	-17.40	peak
		26.93	19.04	45.97	54.00	-8.03	average
6	17723.9540	36.77	19.25	56.02	74.00	-17.98	peak
		26.71	19.25	45.96	54.00	-8.04	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

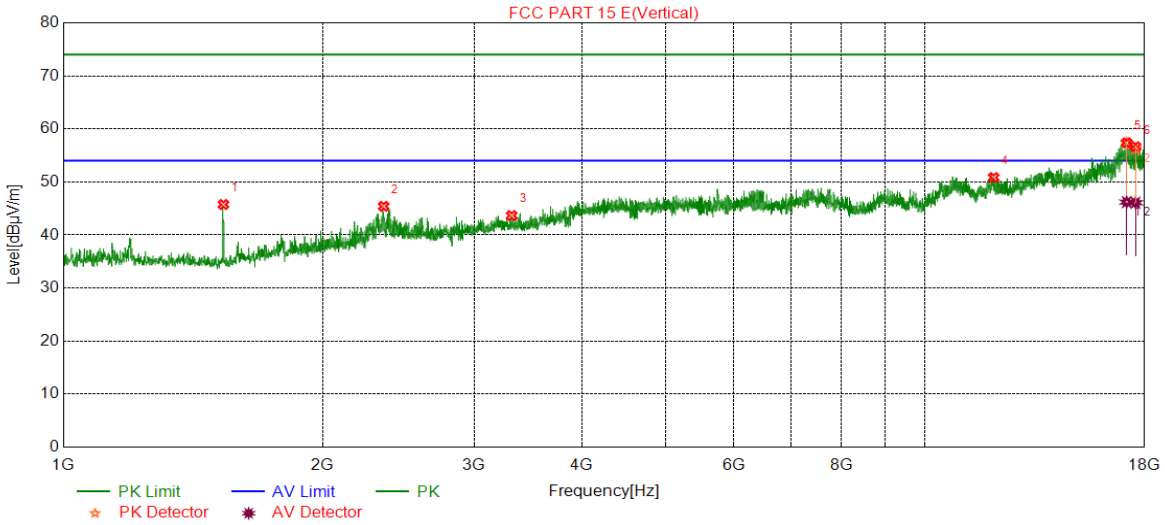
Test Mode	Channel	Polarization	Verdict
11A	40	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1055.0092	42.00	-5.05	36.95	74.00	-37.05	peak
2	1536.3394	52.95	-5.01	47.94	74.00	-26.06	peak
3	5185.2809	41.45	6.50	47.95	74.00	-26.05	peak
4	8932.6476	38.41	9.27	47.68	74.00	-26.32	peak
5	17127.7705	37.57	19.41	56.98	74.00	-17.02	peak
		26.77	19.41	46.18	54.00	-7.82	average
6	17750.7916	36.91	19.16	56.07	74.00	-17.93	peak
		25.96	19.16	45.12	54.00	-8.88	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

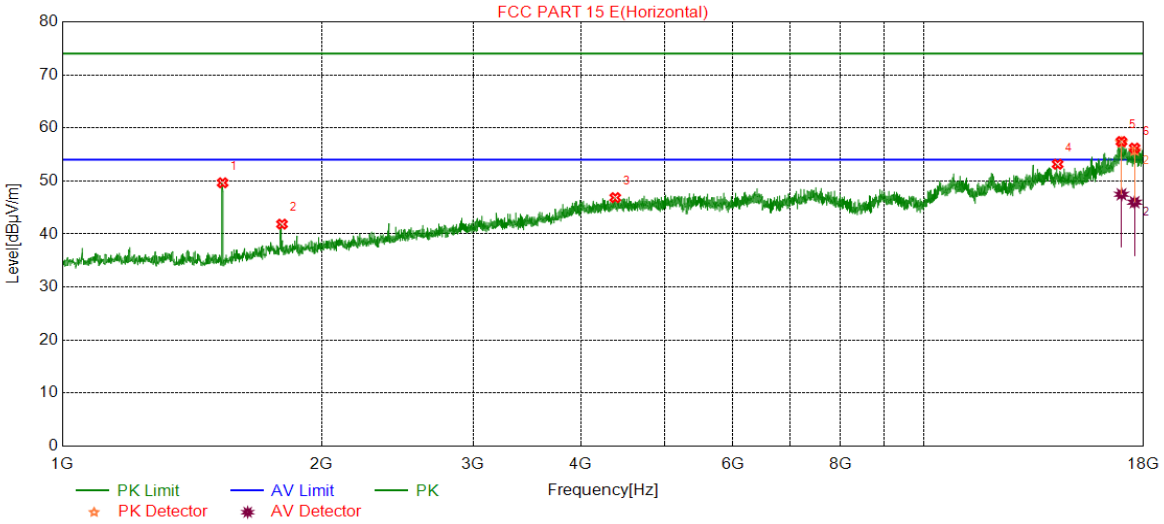
Test Mode	Channel	Polarization	Verdict
11A	40	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1534.5058	50.78	-5.03	45.75	74.00	-28.25	peak
2	2355.0592	46.69	-1.29	45.40	74.00	-28.60	peak
3	3315.8860	41.49	2.17	43.66	74.00	-30.34	peak
4	12024.7489	37.11	13.72	50.83	74.00	-23.17	peak
5	17154.6084	38.39	18.99	57.38	74.00	-16.62	peak
		27.21	18.99	46.20	54.00	-7.80	average
6	17568.6777	37.40	19.23	56.63	74.00	-17.37	peak
		26.85	19.23	46.08	54.00	-7.92	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

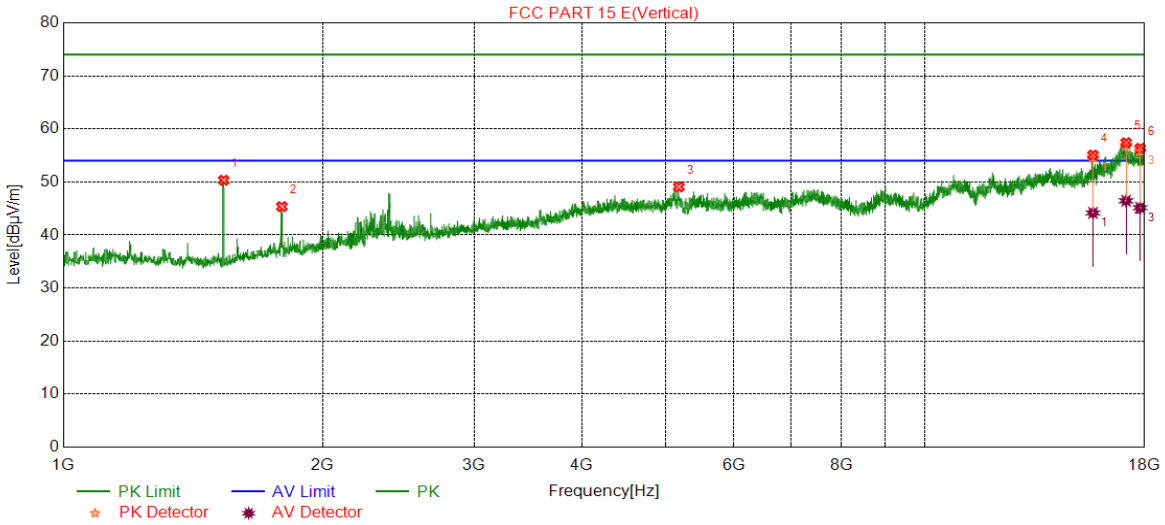
Test Mode	Channel	Polarization	Verdict
11A	48	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	54.61	-4.96	49.65	74.00	-24.35	peak
2	1799.4666	45.36	-3.51	41.85	74.00	-32.15	peak
3	4384.8975	40.75	6.10	46.85	74.00	-27.15	peak
4	14304.0507	38.41	14.74	53.15	74.00	-20.85	peak
5	16966.7445	36.86	20.57	57.43	74.00	-16.57	peak
		26.91	20.57	47.48	54.00	-6.52	average
6	17570.5951	36.90	19.30	56.20	74.00	-17.80	peak
		26.69	19.30	45.99	54.00	-8.01	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

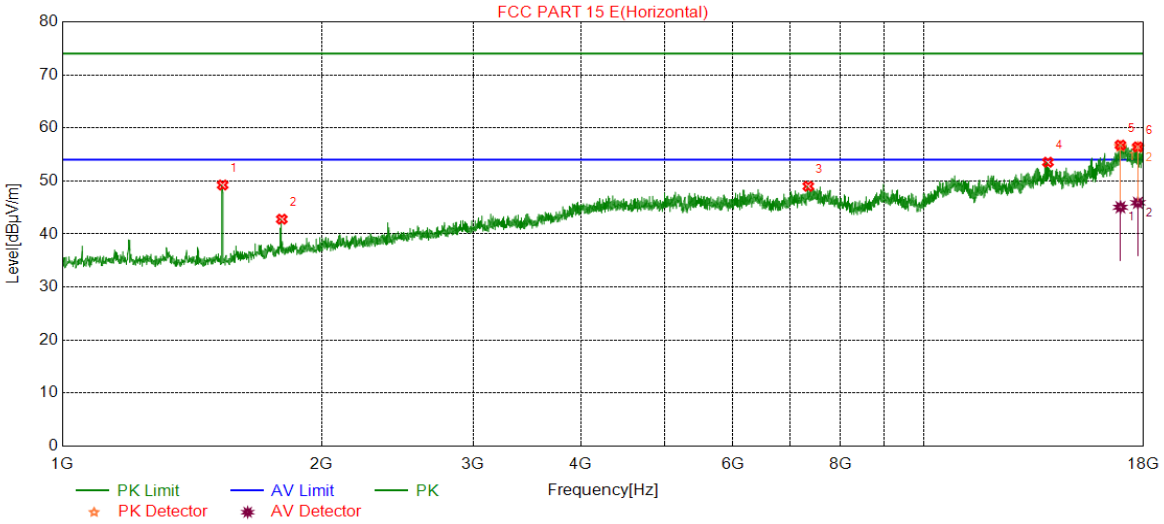
Test Mode	Channel	Polarization	Verdict
11A	48	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	55.28	-4.96	50.32	74.00	-23.68	peak
2	1793.9657	48.90	-3.55	45.35	74.00	-28.65	peak
3	5182.5304	41.86	7.21	49.07	74.00	-24.93	peak
4	15678.5298	37.20	17.87	55.07	74.00	-18.93	peak
		26.30	17.87	44.17	54.00	-9.83	average
5	17129.6883	37.89	19.50	57.39	74.00	-16.61	peak
		26.95	19.50	46.45	54.00	-7.55	average
6	17787.2145	37.75	18.58	56.33	74.00	-17.67	peak
		26.56	18.58	45.14	54.00	-8.86	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

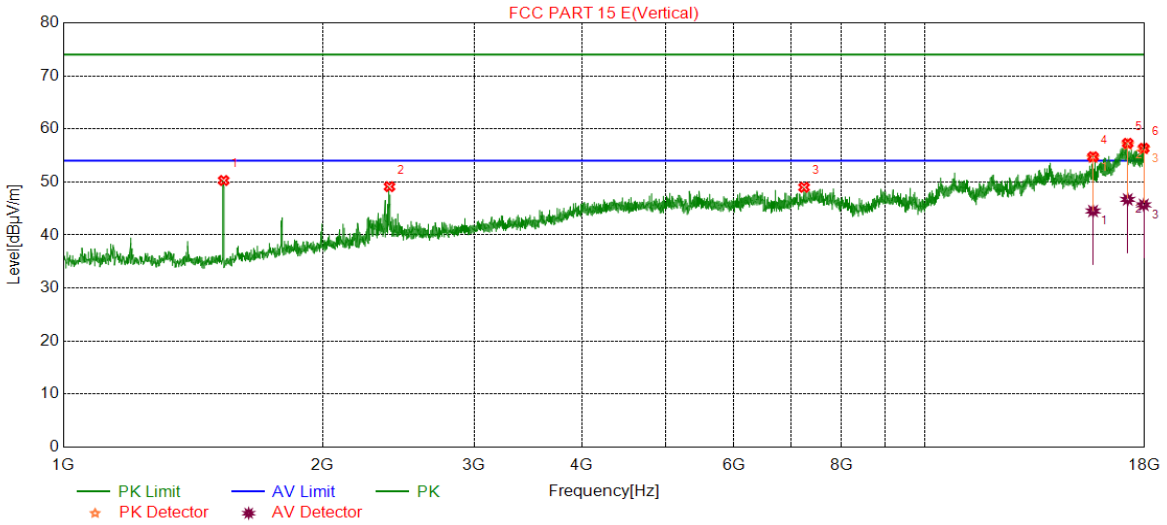
Test Mode	Channel	Polarization	Verdict
11A	52	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	54.19	-4.96	49.23	74.00	-24.77	peak
2	1798.5498	46.31	-3.52	42.79	74.00	-31.21	peak
3	7345.3909	39.52	9.47	48.99	74.00	-25.01	peak
4	13937.9063	38.50	15.03	53.53	74.00	-20.47	peak
5	16918.8198	38.05	18.71	56.76	74.00	-17.24	peak
		26.33	18.71	45.04	54.00	-8.96	average
6	17725.8710	37.21	19.21	56.42	74.00	-17.58	peak
		26.67	19.21	45.88	54.00	-8.12	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

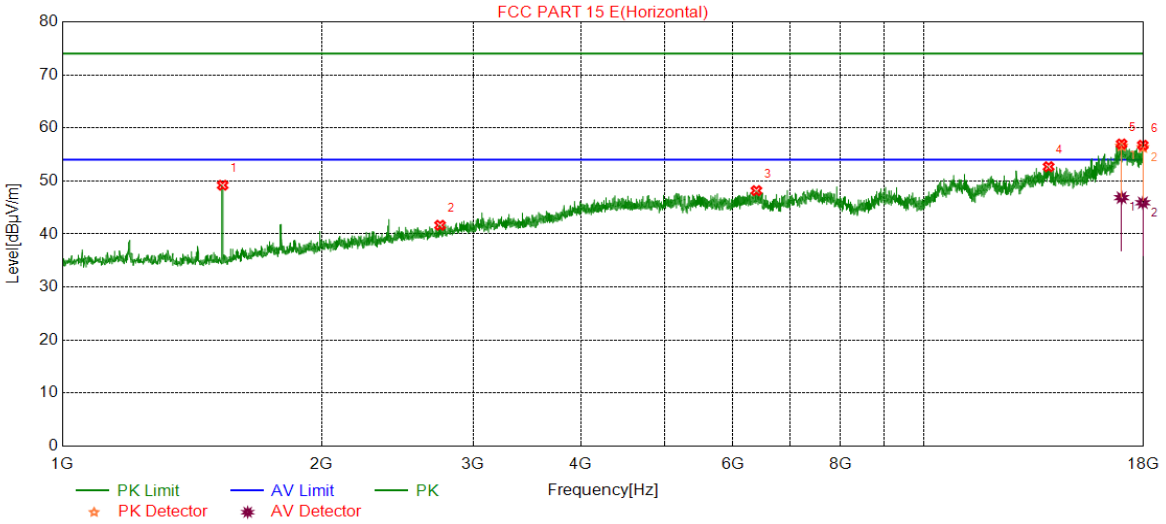
Test Mode	Channel	Polarization	Verdict
11A	52	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	55.23	-4.96	50.27	74.00	-23.73	peak
2	2391.7320	50.13	-1.02	49.11	74.00	-24.89	peak
3	7243.7906	39.36	9.62	48.98	74.00	-25.02	peak
4	15682.3637	36.97	17.77	54.74	74.00	-19.26	peak
		26.75	17.77	44.52	54.00	-9.48	average
5	17204.4507	37.85	19.43	57.28	74.00	-16.72	peak
		27.27	19.43	46.70	54.00	-7.30	average
6	17957.8263	37.35	19.00	56.35	74.00	-17.65	peak
		26.68	19.00	45.68	54.00	-8.32	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

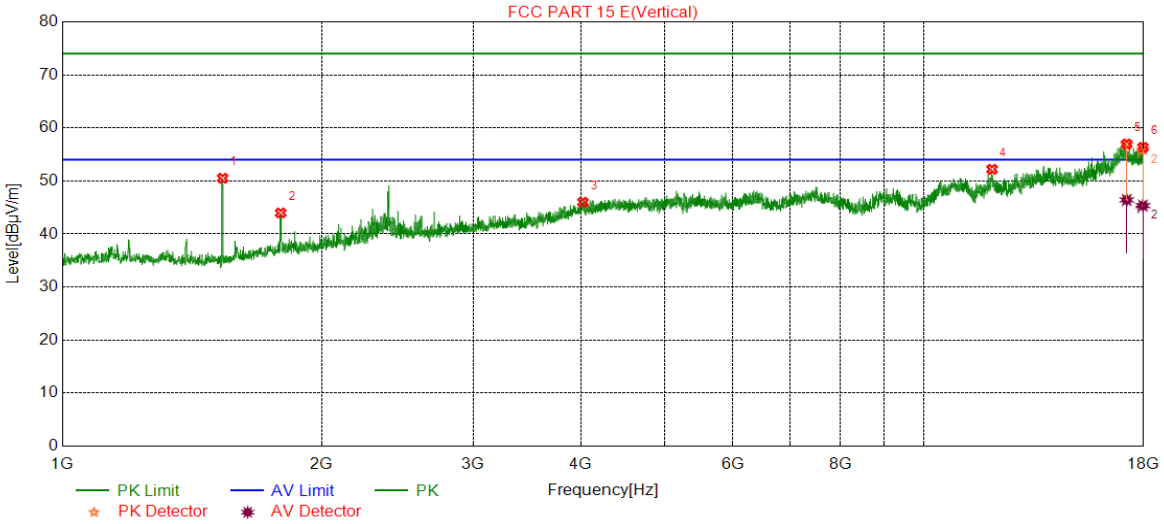
Test Mode	Channel	Polarization	Verdict
11A	56	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	54.15	-4.96	49.19	74.00	-24.81	peak
2	2745.6243	41.04	0.61	41.65	74.00	-32.35	peak
3	6394.5658	39.12	9.05	48.17	74.00	-25.83	peak
4	13962.8271	37.41	15.27	52.68	74.00	-21.32	peak
5	16970.5784	36.26	20.71	56.97	74.00	-17.03	peak
		26.14	20.71	46.85	54.00	-7.15	average
6	17961.6603	37.65	19.09	56.74	74.00	-17.26	peak
		26.80	19.09	45.89	54.00	-8.11	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

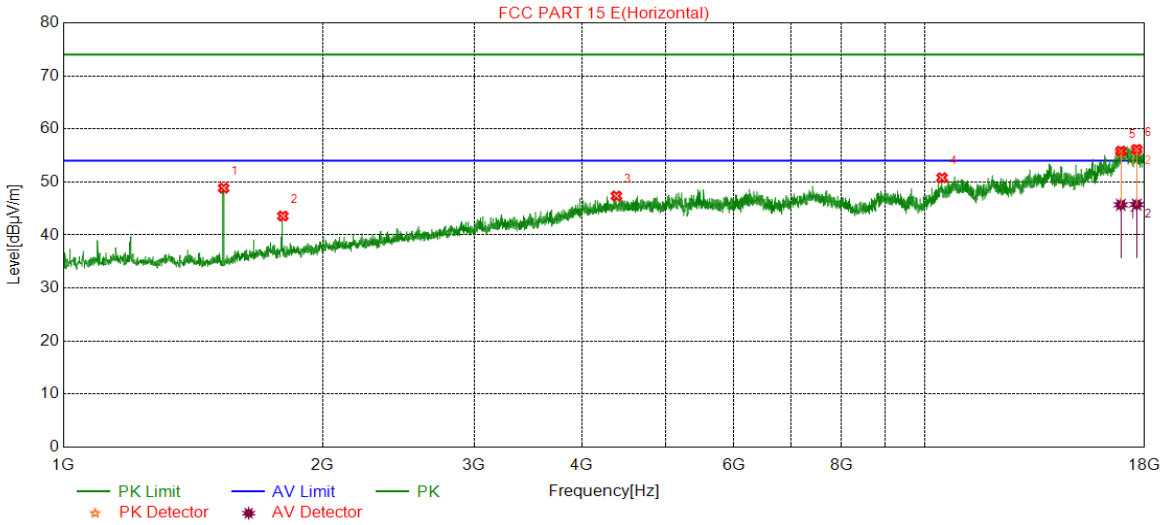
Test Mode	Channel	Polarization	Verdict
11A	56	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	55.47	-4.96	50.51	74.00	-23.49	peak
2	1793.0488	47.53	-3.56	43.97	74.00	-30.03	peak
3	4021.8370	40.34	5.66	46.00	74.00	-28.00	peak
4	12005.5843	38.07	14.12	52.19	74.00	-21.81	peak
5	17202.5338	37.50	19.47	56.97	74.00	-17.03	peak
		26.95	19.47	46.42	54.00	-7.58	average
6	17967.4112	37.26	19.07	56.33	74.00	-17.67	peak
		26.28	19.07	45.35	54.00	-8.65	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

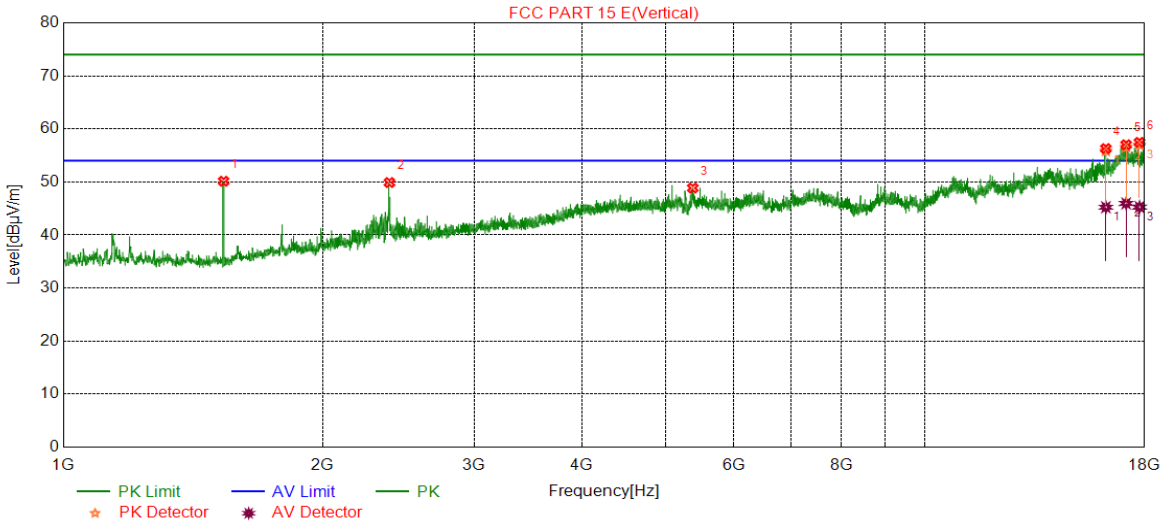
Test Mode	Channel	Polarization	Verdict
11A	64	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	53.79	-4.96	48.83	74.00	-25.17	peak
2	1798.5498	47.09	-3.52	43.57	74.00	-30.43	peak
3	4386.7311	41.25	6.10	47.35	74.00	-26.65	peak
4	10473.9123	38.55	12.24	50.79	74.00	-23.21	peak
5	16891.9820	37.07	18.74	55.81	74.00	-18.19	peak
		26.95	18.74	45.69	54.00	-8.31	average
6	17624.2707	37.50	18.64	56.14	74.00	-17.86	peak
		27.09	18.64	45.73	54.00	-8.27	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

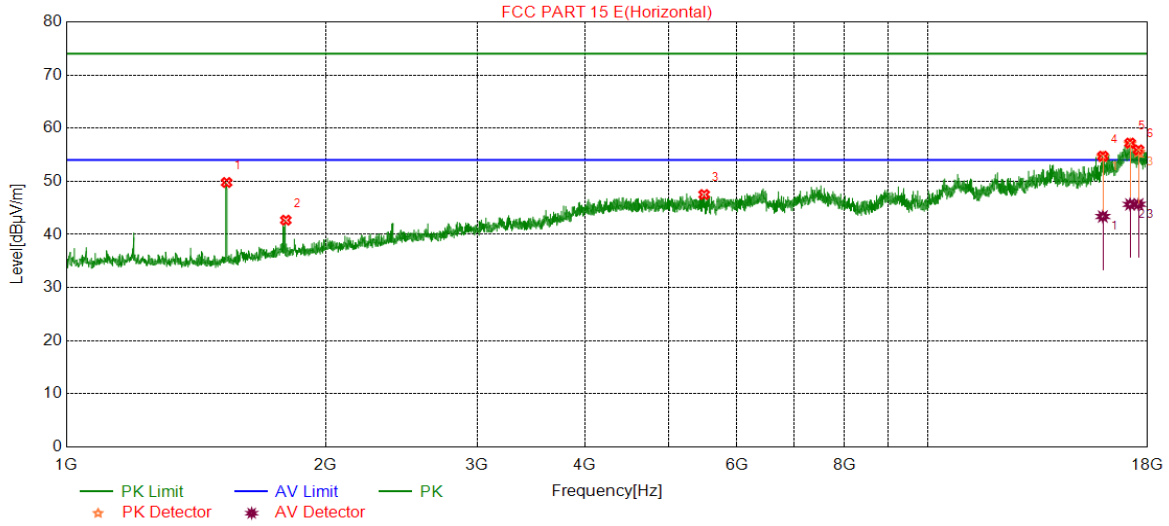
Test Mode	Channel	Polarization	Verdict
11A	64	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	55.10	-4.96	50.14	74.00	-23.86	peak
2	2391.7320	50.91	-1.02	49.89	74.00	-24.11	peak
3	5380.5634	41.51	7.34	48.85	74.00	-25.15	peak
4	16228.7048	37.41	18.88	56.29	74.00	-17.71	peak
		26.35	18.88	45.23	54.00	-8.77	average
5	17131.6053	37.51	19.50	57.01	74.00	-16.99	peak
		26.45	19.50	45.95	54.00	-8.05	average
6	17754.6258	38.41	19.05	57.46	74.00	-16.54	peak
		26.21	19.05	45.26	54.00	-8.74	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

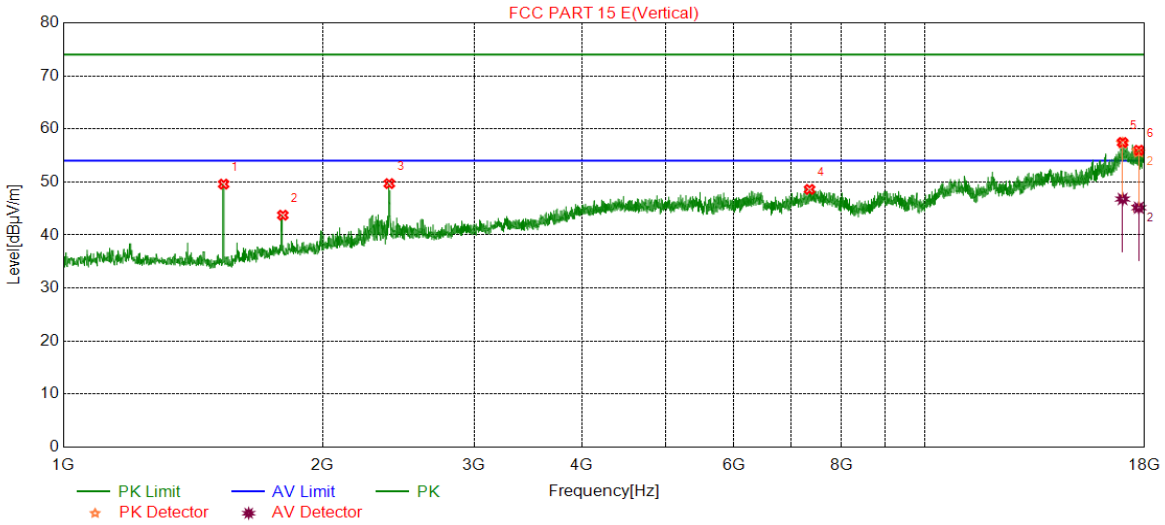
Test Mode	Channel	Polarization	Verdict
11A	100	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	54.79	-5.02	49.77	74.00	-24.23	peak
2	1798.5498	46.23	-3.55	42.68	74.00	-31.32	peak
3	5501.5836	40.35	7.15	47.50	74.00	-26.50	peak
4	15969.9099	38.20	16.52	54.72	74.00	-19.28	peak
		26.85	16.52	43.37	54.00	-10.63	average
5	17175.6952	38.41	18.78	57.19	74.00	-16.81	peak
		26.87	18.78	45.65	54.00	-8.35	average
6	17568.6777	36.67	19.23	55.90	74.00	-18.10	peak
		26.44	19.23	45.67	54.00	-8.33	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

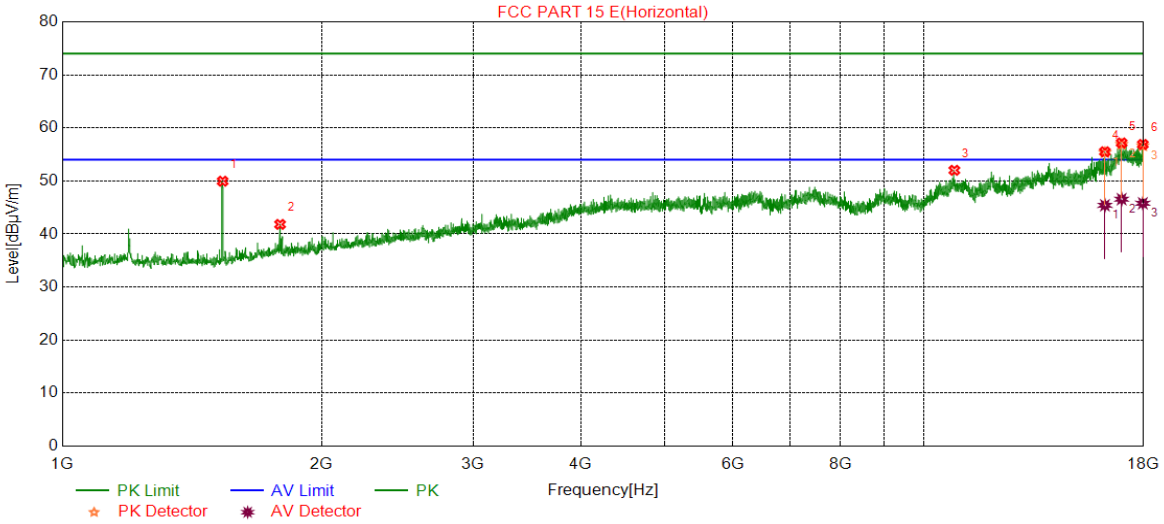
Test Mode	Channel	Polarization	Verdict
11A	100	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	54.61	-5.02	49.59	74.00	-24.41	peak
2	1798.5498	47.28	-3.55	43.73	74.00	-30.27	peak
3	2390.8151	50.78	-1.09	49.69	74.00	-24.31	peak
4	7351.1326	39.10	9.49	48.59	74.00	-25.41	peak
5	16970.5775	36.73	20.71	57.44	74.00	-16.56	peak
		26.07	20.71	46.78	54.00	-7.22	average
6	17723.9538	36.73	19.25	55.98	74.00	-18.02	peak
		25.89	19.25	45.14	54.00	-8.86	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

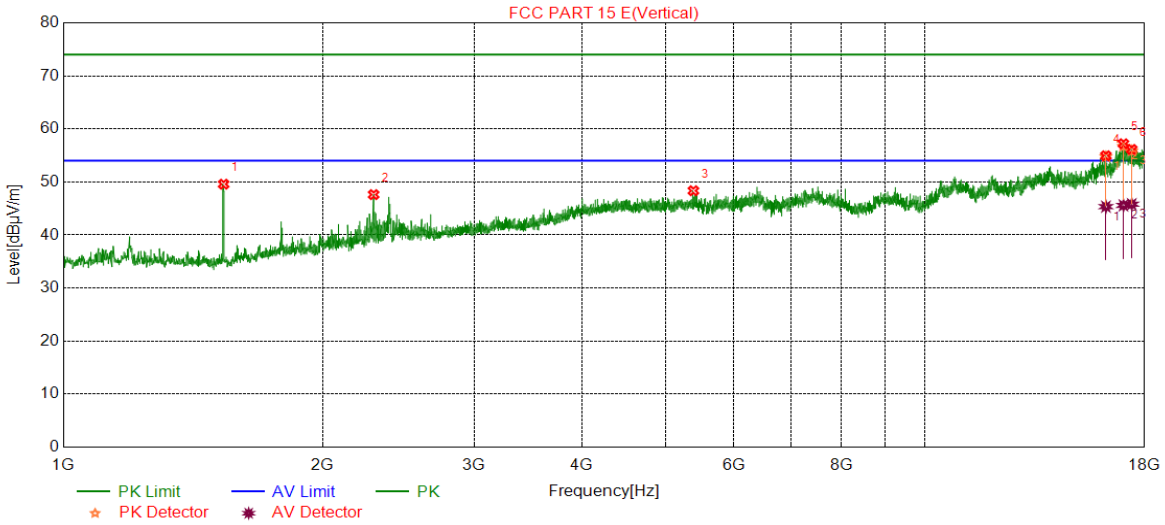
Test Mode	Channel	Polarization	Verdict
11A	116	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	54.97	-5.02	49.95	74.00	-24.05	peak
2	1790.2984	45.39	-3.58	41.81	74.00	-32.19	peak
3	10853.4694	39.21	12.80	52.01	74.00	-21.99	peak
4	16230.6202	36.57	18.93	55.50	74.00	-18.50	peak
		26.48	18.93	45.41	54.00	-8.59	average
5	16972.4945	36.66	20.50	57.16	74.00	-16.84	peak
		26.06	20.50	46.56	54.00	-7.44	average
6	17961.6602	37.80	19.09	56.89	74.00	-17.11	peak
		26.70	19.09	45.79	54.00	-8.21	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

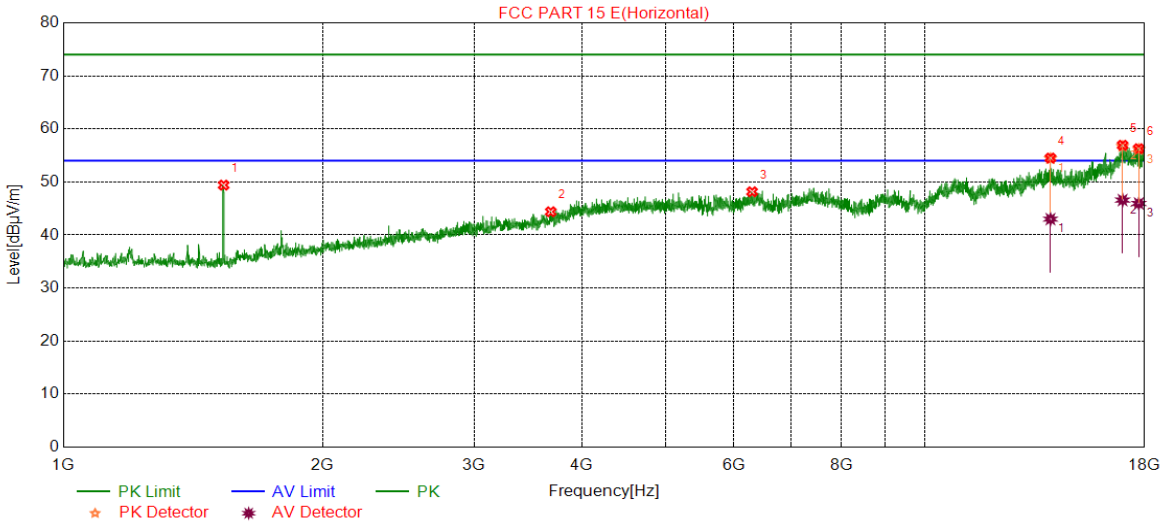
Test Mode	Channel	Polarization	Verdict
11A	116	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	54.60	-5.02	49.58	74.00	-24.42	peak
2	2292.7155	48.96	-1.35	47.61	74.00	-26.39	peak
3	5388.8148	41.37	6.97	48.34	74.00	-25.66	peak
4	16230.6202	36.00	18.93	54.93	74.00	-19.07	peak
		26.41	18.93	45.34	54.00	-8.66	average
5	17008.9173	37.59	19.61	57.20	74.00	-16.80	peak
		25.97	19.61	45.58	54.00	-8.42	average
6	17390.3979	36.98	19.15	56.13	74.00	-17.87	peak
		26.65	19.15	45.80	54.00	-8.20	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

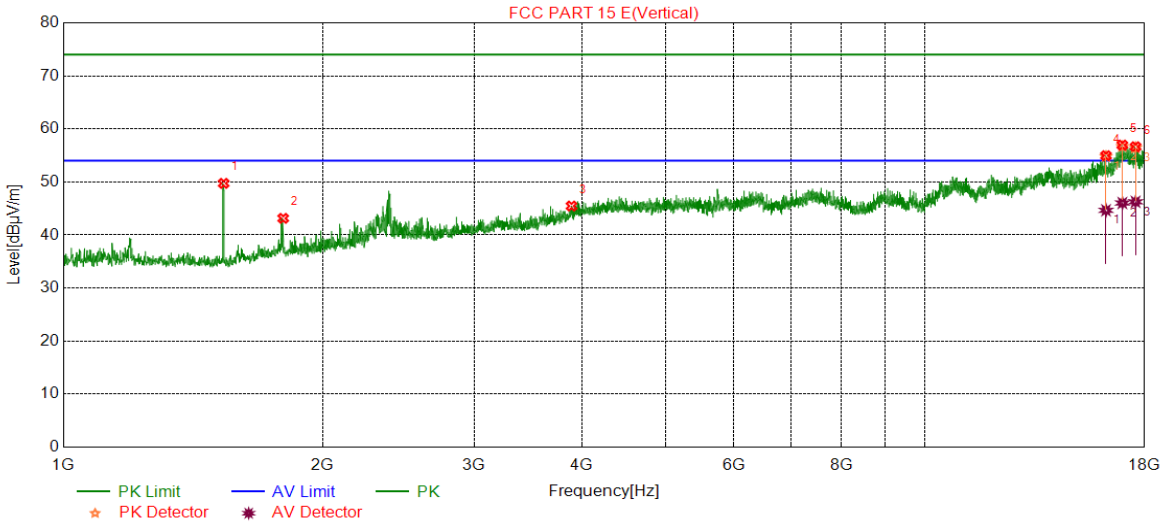
Test Mode	Channel	Polarization	Verdict
11A	140	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	54.42	-5.02	49.40	74.00	-24.60	peak
2	3680.7801	40.60	3.78	44.38	74.00	-29.62	peak
3	6304.7175	39.48	8.67	48.15	74.00	-25.85	peak
4	13995.4124	38.73	15.77	54.50	74.00	-19.50	peak
		27.22	15.77	42.99	54.00	-11.01	average
5	16970.5775	36.21	20.71	56.92	74.00	-17.08	peak
		25.87	20.71	46.58	54.00	-7.42	average
6	17722.0368	36.97	19.30	56.27	74.00	-17.73	peak
		26.64	19.30	45.94	54.00	-8.06	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

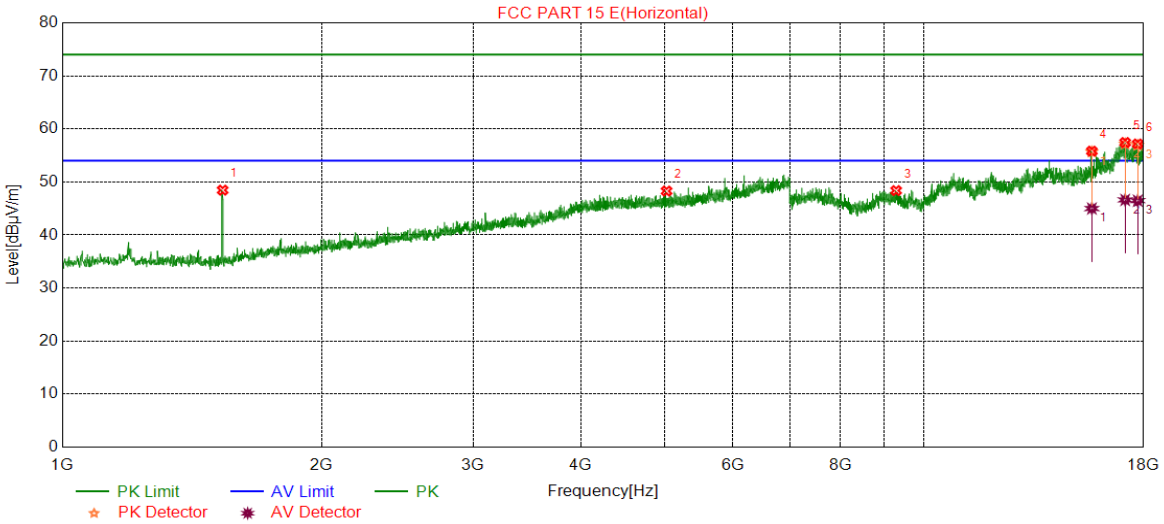
Test Mode	Channel	Polarization	Verdict
11A	140	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	54.75	-5.02	49.73	74.00	-24.27	peak
2	1800.3834	46.69	-3.55	43.14	74.00	-30.86	peak
3	3890.7318	40.16	5.30	45.46	74.00	-28.54	peak
4	16234.4542	36.45	18.50	54.95	74.00	-19.05	peak
		26.15	18.50	44.65	54.00	-9.35	average
5	16960.9926	36.72	20.23	56.95	74.00	-17.05	peak
		25.80	20.23	46.03	54.00	-7.97	average
6	17568.6777	37.40	19.23	56.63	74.00	-17.37	peak
		27.02	19.23	46.25	54.00	-7.75	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

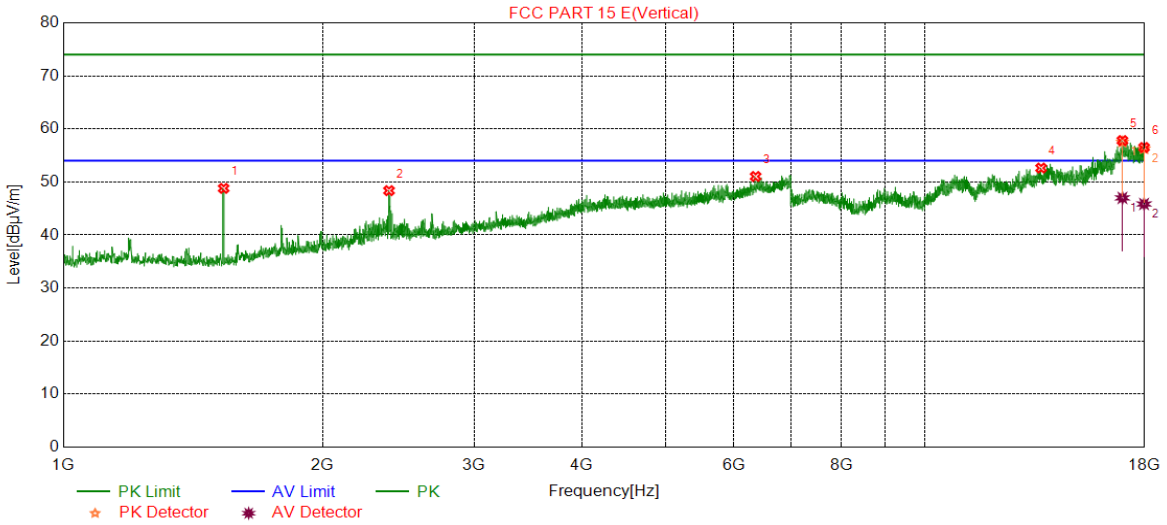
Test Mode	Channel	Polarization	Verdict
11A	149	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	53.88	-5.43	48.45	74.00	-25.55	peak
2	5029.4216	42.19	6.09	48.28	74.00	-25.72	peak
3	9289.2149	39.15	9.22	48.37	74.00	-25.63	peak
4	15674.6958	38.19	17.62	55.81	74.00	-18.19	peak
		27.37	17.62	44.99	54.00	-9.01	average
5	17133.5223	37.94	19.49	57.43	74.00	-16.57	peak
		27.12	19.49	46.61	54.00	-7.39	average
6	17718.2030	37.95	19.21	57.16	74.00	-16.84	peak
		27.26	19.21	46.47	54.00	-7.53	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

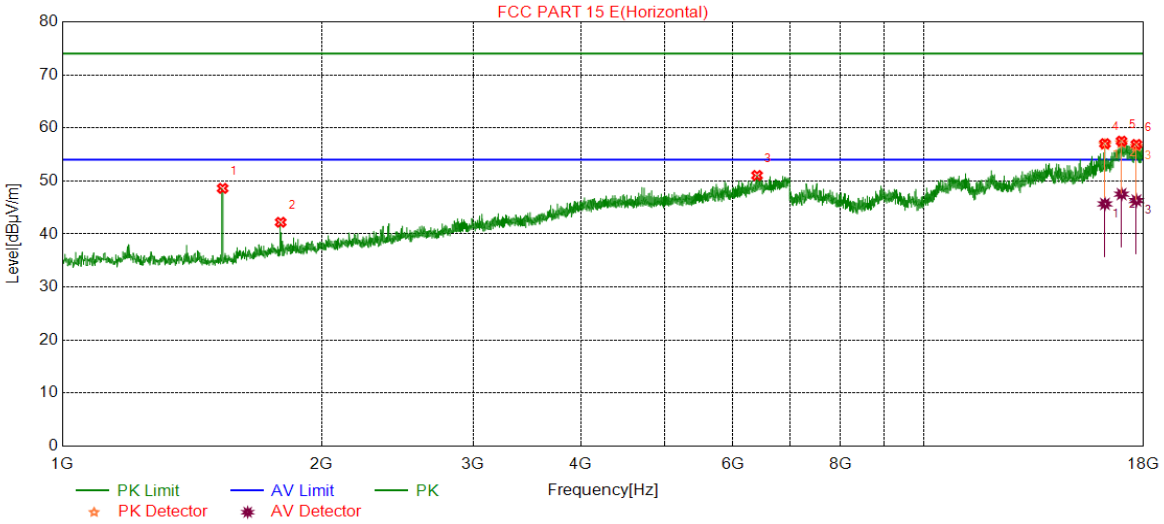
Test Mode	Channel	Polarization	Verdict
11A	149	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	54.22	-5.43	48.79	74.00	-25.21	peak
2	2388.9815	49.76	-1.40	48.36	74.00	-25.64	peak
3	6364.3107	42.60	8.43	51.03	74.00	-22.97	peak
4	13650.3584	38.12	14.50	52.62	74.00	-21.38	peak
5	16962.9105	37.46	20.34	57.80	74.00	-16.20	peak
		26.65	20.34	46.99	54.00	-7.01	average
6	17973.1622	37.70	18.80	56.50	74.00	-17.50	peak
		27.04	18.80	45.84	54.00	-8.16	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

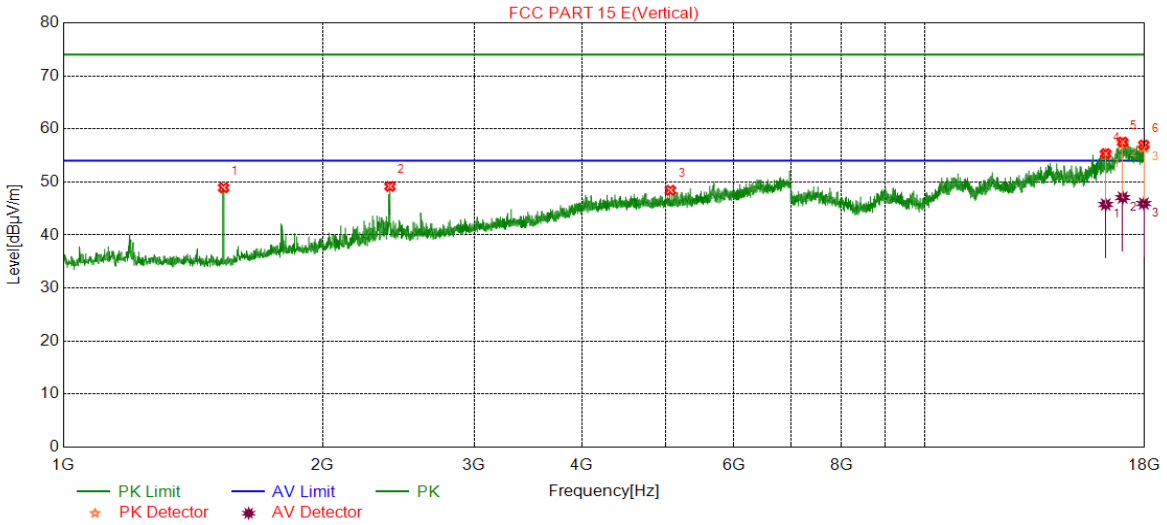
Test Mode	Channel	Polarization	Verdict
11A	157	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	54.03	-5.43	48.60	74.00	-25.40	peak
2	1793.0488	46.14	-3.93	42.21	74.00	-31.79	peak
3	6405.5676	42.11	8.93	51.04	74.00	-22.96	peak
4	16232.5388	38.32	18.71	57.03	74.00	-16.97	peak
		26.96	18.71	45.67	54.00	-8.33	average
5	16970.5784	36.80	20.71	57.51	74.00	-16.49	peak
		26.80	20.71	47.51	54.00	-6.49	average
6	17656.8595	38.08	18.80	56.88	74.00	-17.12	peak
		27.51	18.80	46.31	54.00	-7.69	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

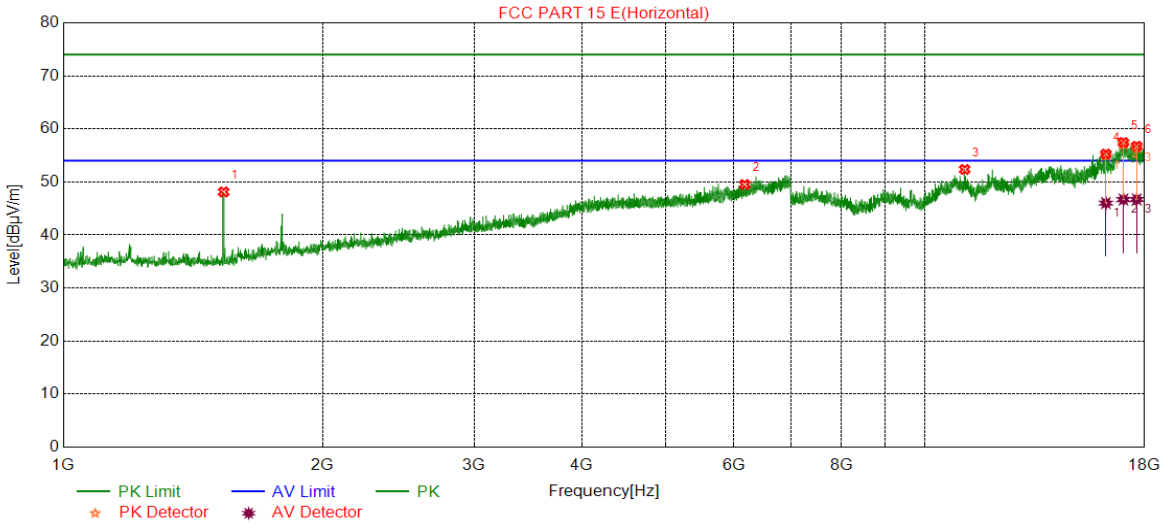
Test Mode	Channel	Polarization	Verdict
11A	157	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	54.34	-5.43	48.91	74.00	-25.09	peak
2	2395.3992	50.53	-1.37	49.16	74.00	-24.84	peak
3	5067.9280	42.45	5.98	48.43	74.00	-25.57	peak
4	16222.9538	36.99	18.35	55.34	74.00	-18.66	peak
		27.40	18.35	45.75	54.00	-8.25	average
5	16974.4124	37.23	20.30	57.53	74.00	-16.47	peak
		26.75	20.30	47.05	54.00	-6.95	average
6	17959.7433	37.88	19.09	56.97	74.00	-17.03	peak
		26.84	19.09	45.93	54.00	-8.07	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

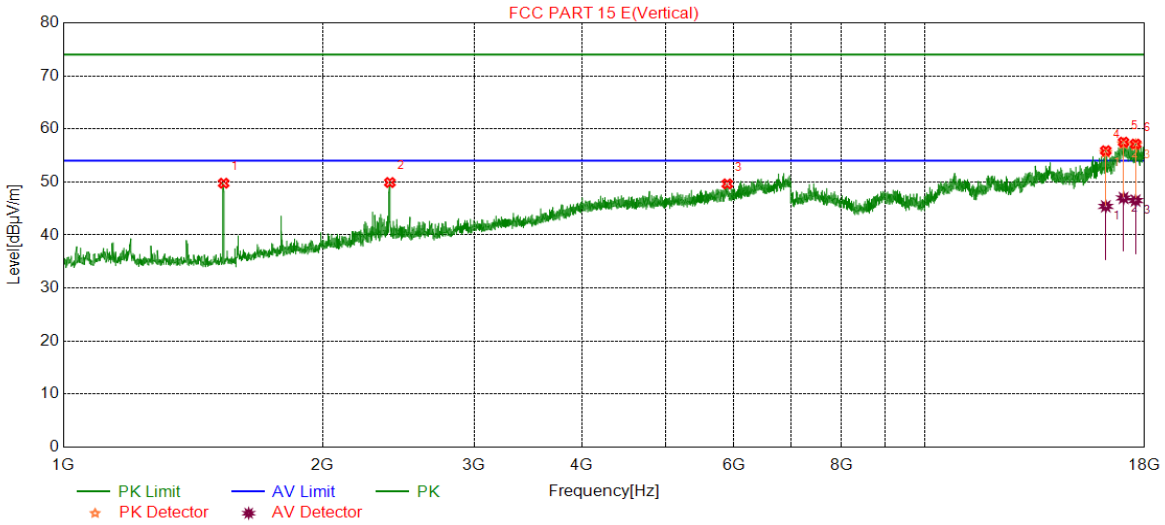
Test Mode	Channel	Polarization	Verdict
11A	165	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	53.55	-5.43	48.12	74.00	-25.88	peak
2	6180.9468	41.98	7.53	49.51	74.00	-24.49	peak
3	11127.6046	39.61	12.75	52.36	74.00	-21.64	peak
4	16230.6218	36.31	18.93	55.24	74.00	-18.76	peak
		27.08	18.93	46.01	54.00	-7.99	average
5	17008.9182	37.82	19.61	57.43	74.00	-16.57	peak
		27.07	19.61	46.68	54.00	-7.32	average
6	17624.2707	38.09	18.64	56.73	74.00	-17.27	peak
		28.06	18.64	46.70	54.00	-7.30	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11A	165	Vertical	PASS

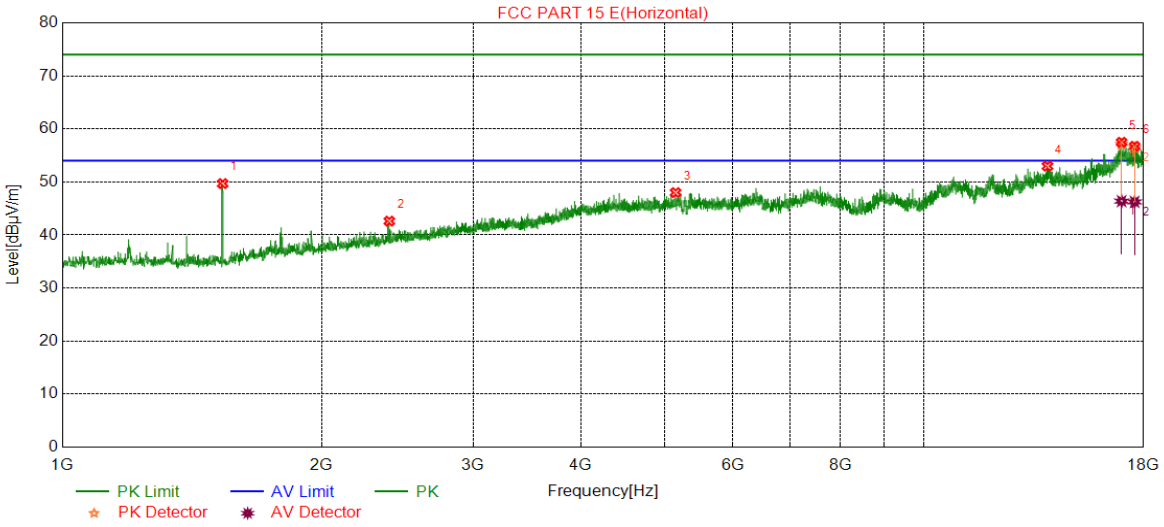


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	55.19	-5.43	49.76	74.00	-24.24	peak
2	2394.4824	51.26	-1.37	49.89	74.00	-24.11	peak
3	5899.4832	42.24	7.39	49.63	74.00	-24.37	peak
4	16224.8708	37.36	18.52	55.88	74.00	-18.12	peak
		26.88	18.52	45.40	54.00	-8.60	average
5	17014.6691	37.82	19.68	57.50	74.00	-16.50	peak
		27.30	19.68	46.98	54.00	-7.02	average
6	17572.5121	37.93	19.21	57.14	74.00	-16.86	peak
		27.28	19.21	46.49	54.00	-7.51	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

PART II:FOR 11N20 MODE

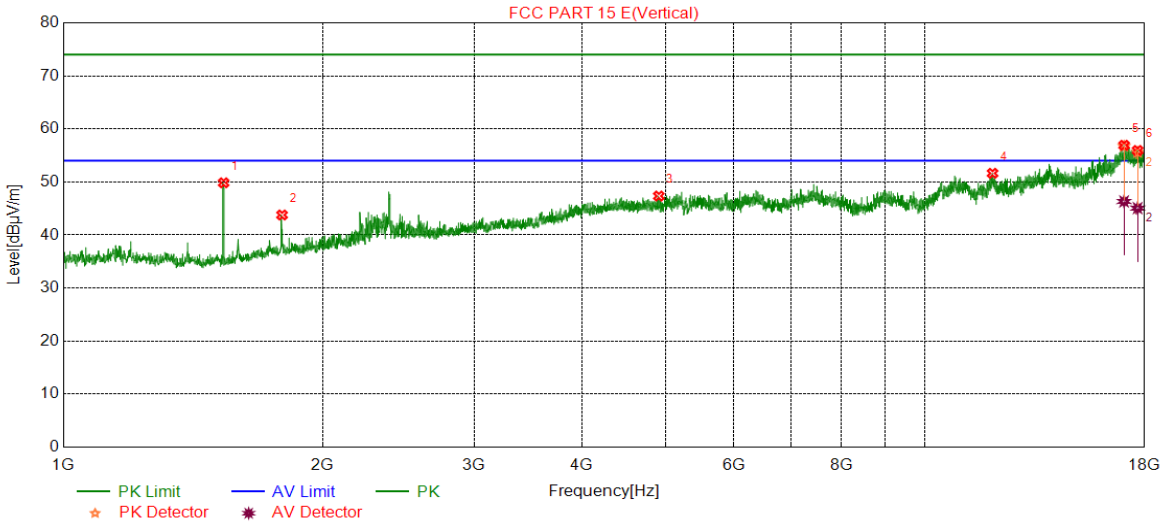
Test Mode	Channel	Polarization	Verdict
11N20	36	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.4226	54.65	-4.96	49.69	74.00	-24.31	peak
2	2397.2329	43.62	-1.01	42.61	74.00	-31.39	peak
3	5152.2754	40.81	7.18	47.99	74.00	-26.01	peak
4	13920.6534	37.40	15.57	52.97	74.00	-21.03	peak
5	16970.5784	36.77	20.71	57.48	74.00	-16.52	peak
		25.67	20.71	46.38	54.00	-7.62	average
6	17572.5121	37.50	19.21	56.71	74.00	-17.29	peak
		27.03	19.21	46.24	54.00	-7.76	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

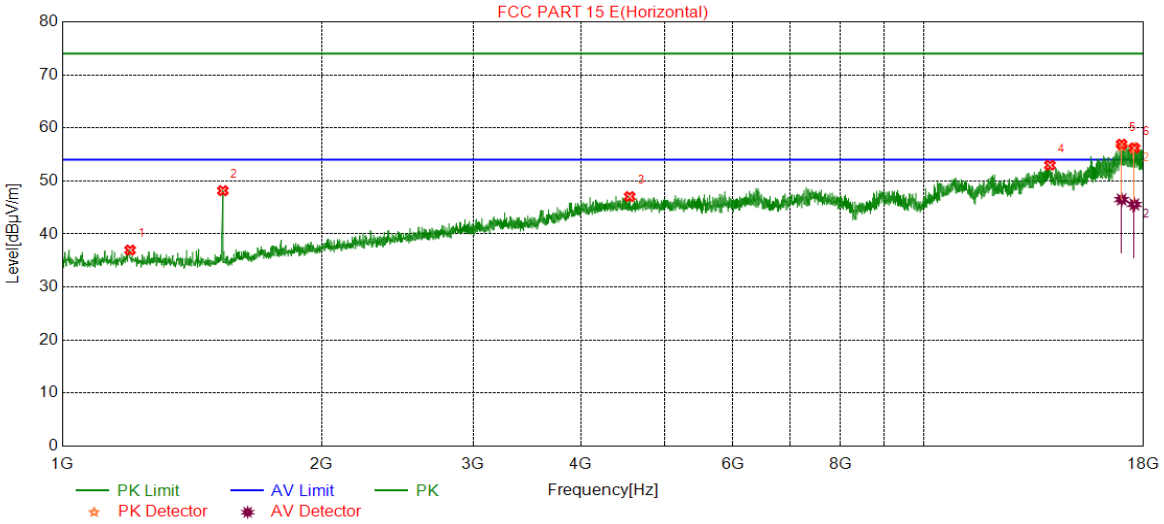
Test Mode	Channel	Polarization	Verdict
11N20	36	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1535.4226	54.80	-4.96	49.84	74.00	-24.16	peak
2	1794.8825	47.32	-3.55	43.77	74.00	-30.23	peak
3	4912.9855	40.69	6.65	47.34	74.00	-26.66	peak
4	11988.3314	37.60	14.03	51.63	74.00	-22.37	peak
5	17037.6729	36.93	19.98	56.91	74.00	-17.09	peak
		26.34	19.98	46.32	54.00	-7.68	average
6	17666.4444	36.98	18.95	55.93	74.00	-18.07	peak
		26.11	18.95	45.06	54.00	-8.94	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N20	40	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.9498	41.88	-4.91	36.97	74.00	-37.03	peak
2	1536.3394	53.17	-5.01	48.16	74.00	-25.84	peak
3	4557.2595	40.85	6.20	47.05	74.00	-26.95	peak
4	14012.6653	37.02	15.94	52.96	74.00	-21.04	peak
5	16972.4945	36.43	20.50	56.93	74.00	-17.07	peak
		25.99	20.50	46.49	54.00	-7.51	average
6	17559.0928	37.65	18.56	56.21	74.00	-17.79	peak
		27.02	18.56	45.58	54.00	-8.42	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW can refer to section 6.1.
6. For below 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 6GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.