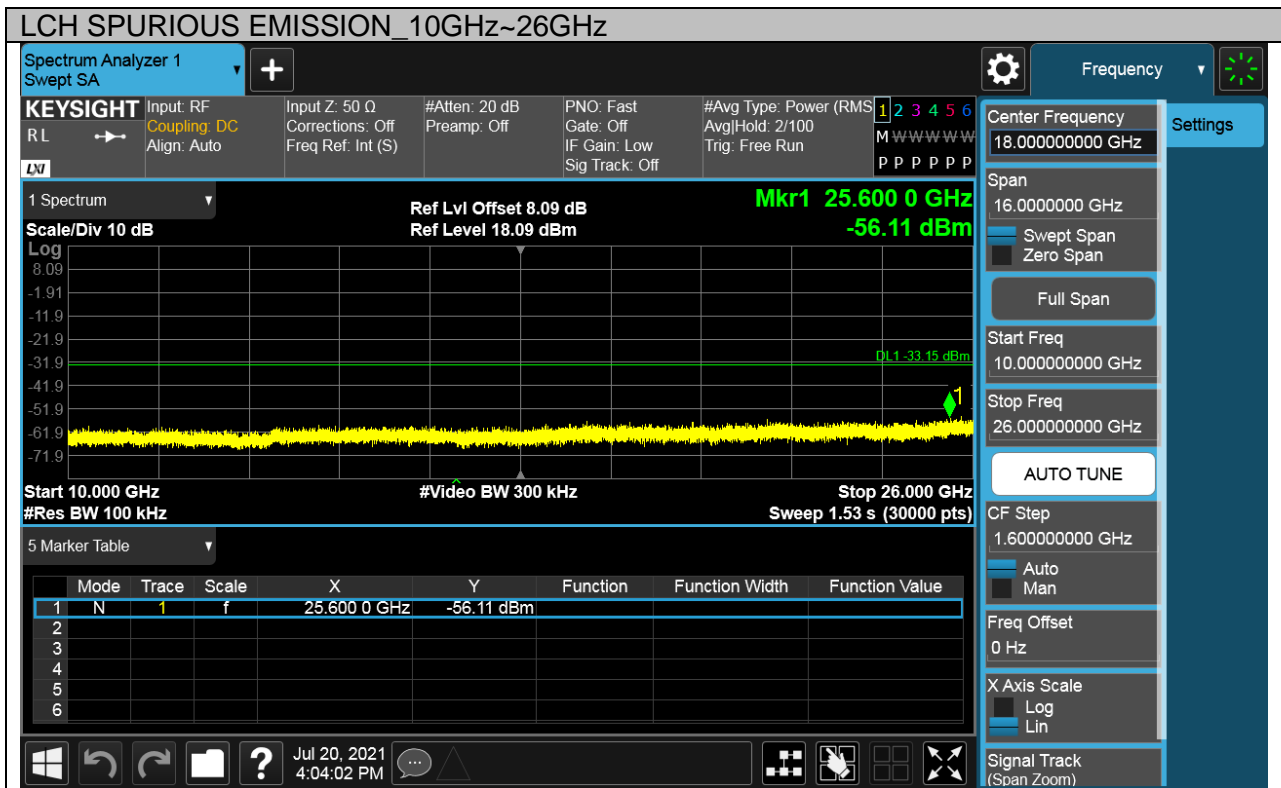
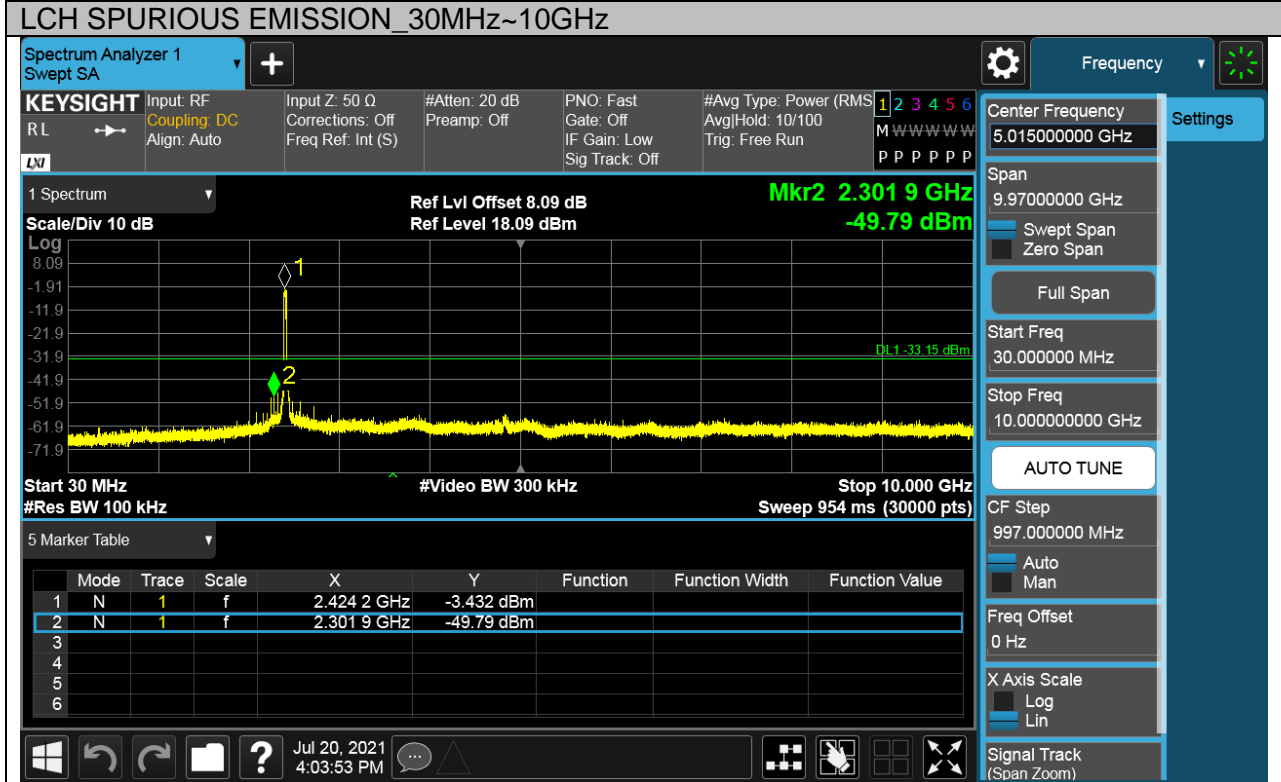




Puw test Plot





Test Mode	Channel	Verdict
11N HT40	MCH	PASS

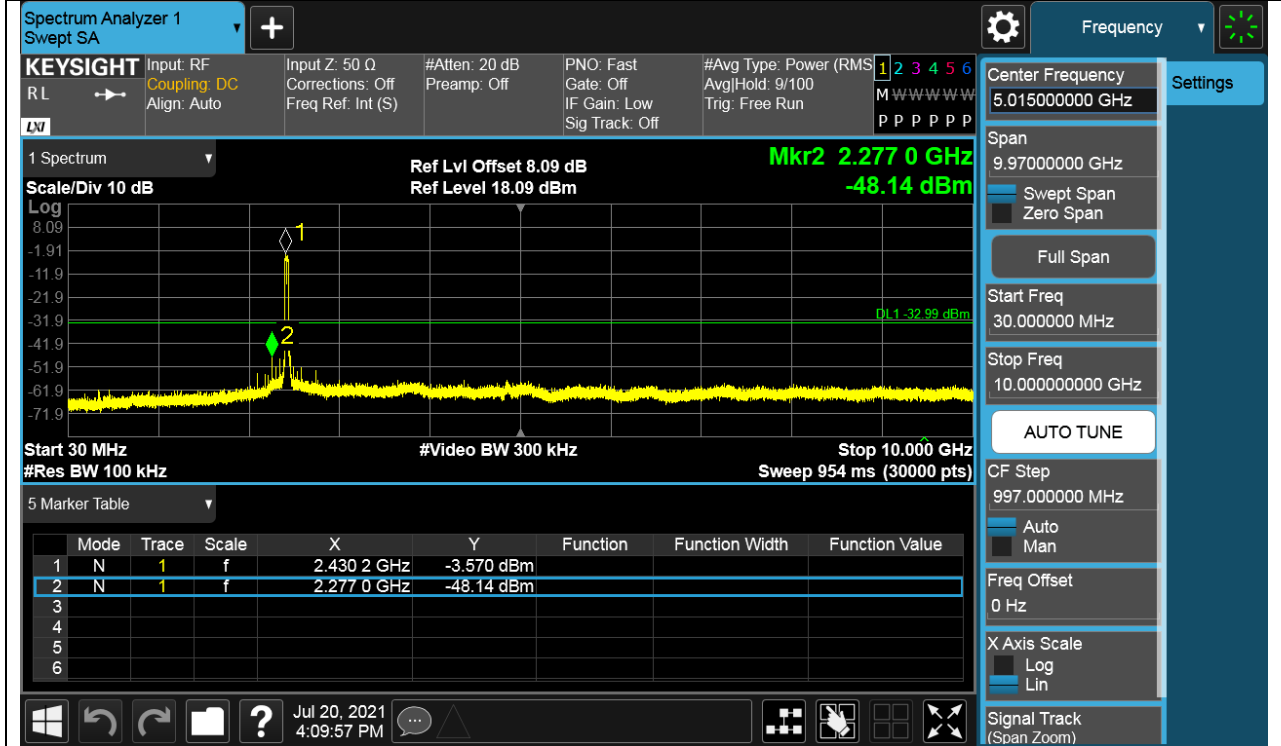
Pref test Plot



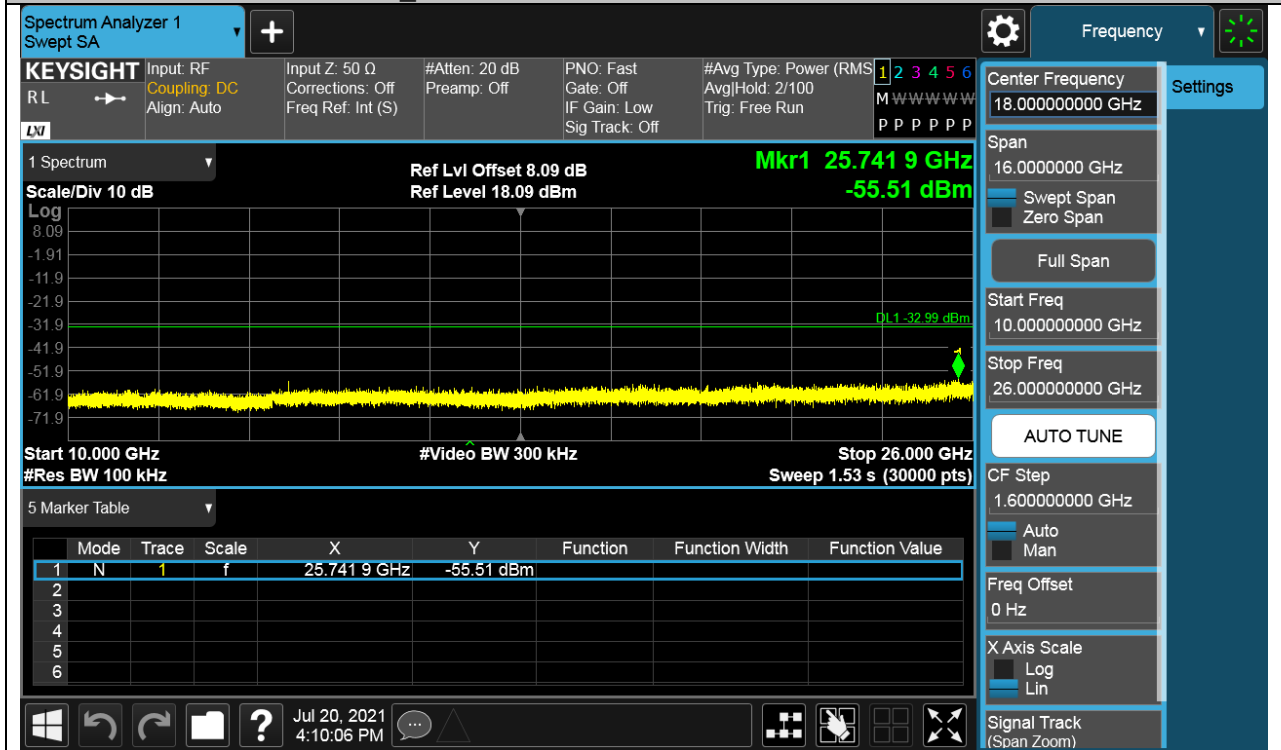


Puw test Plot

MCH SPURIOUS EMISSION\_30MHz~10GHz



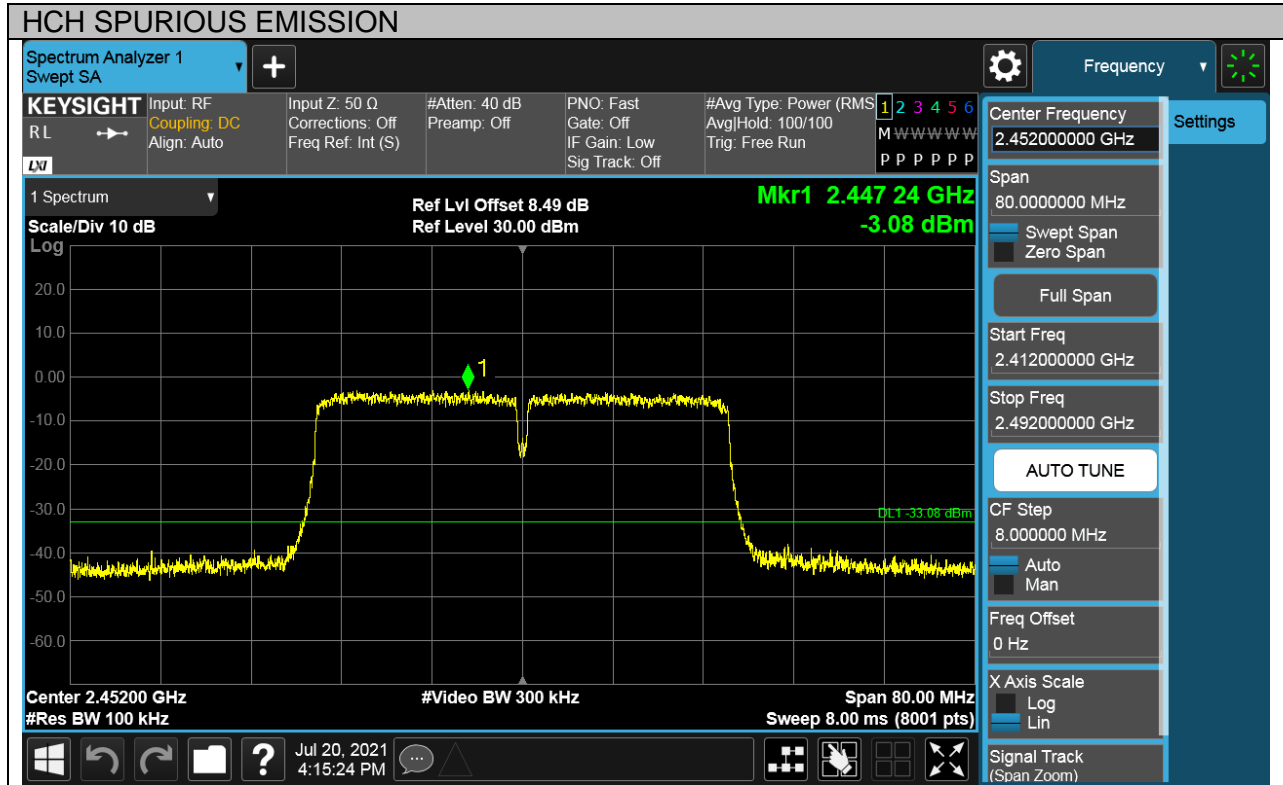
MCH SPURIOUS EMISSION\_10GHz~26GHz





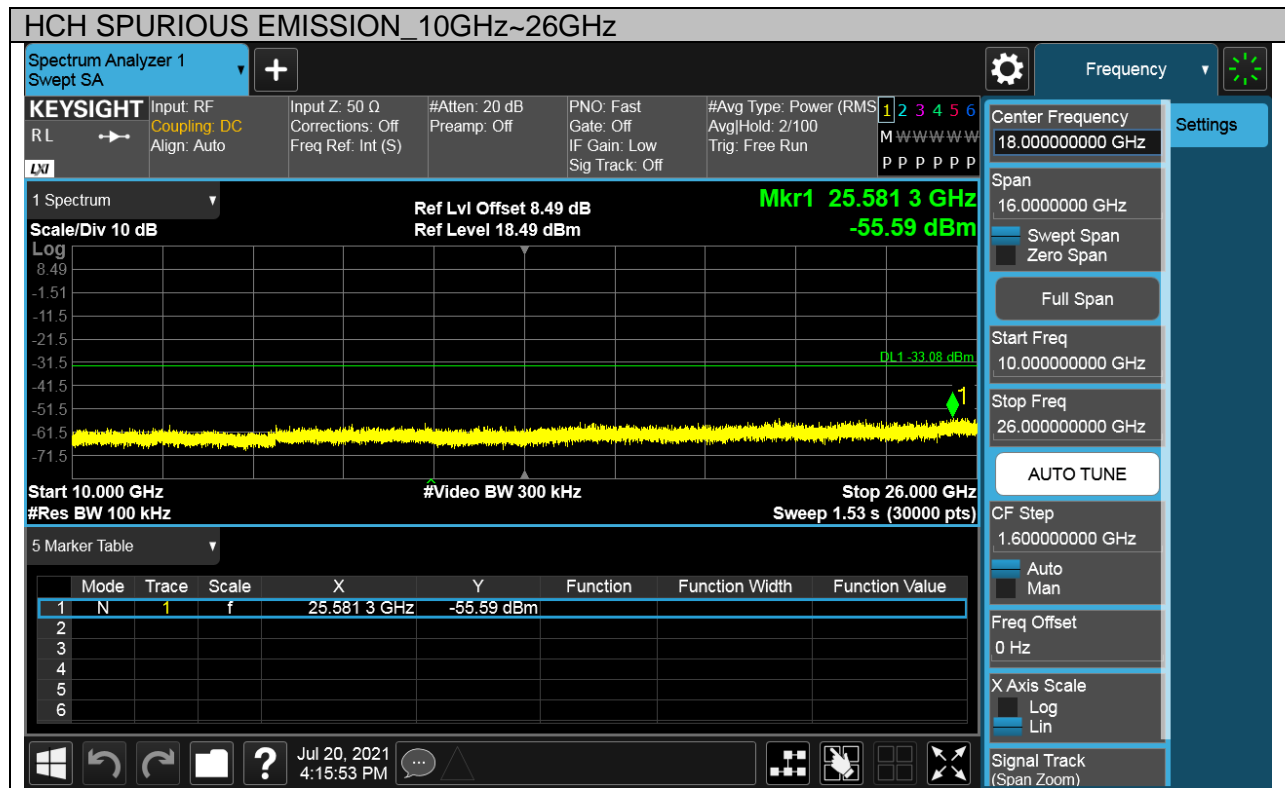
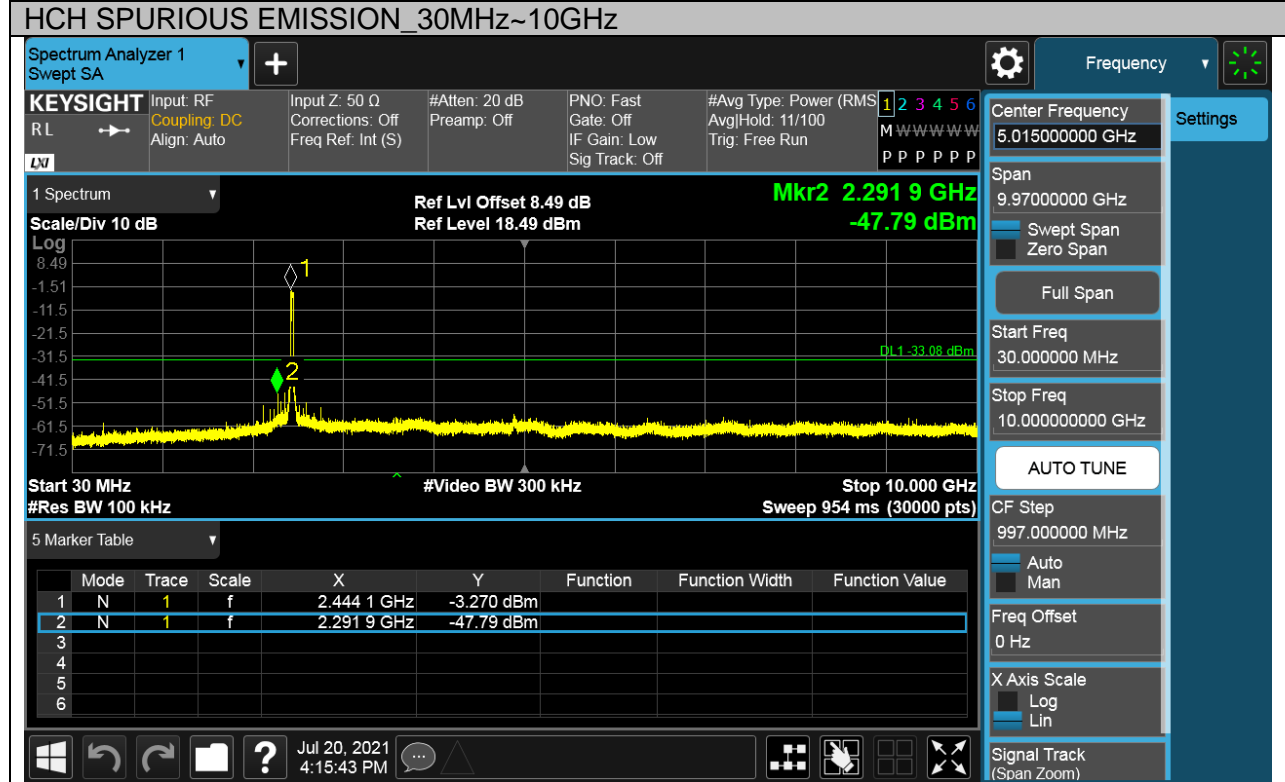
Test Mode	Channel	Verdict
11N HT40	HCH	PASS

Pref test Plot





Puw test Plot

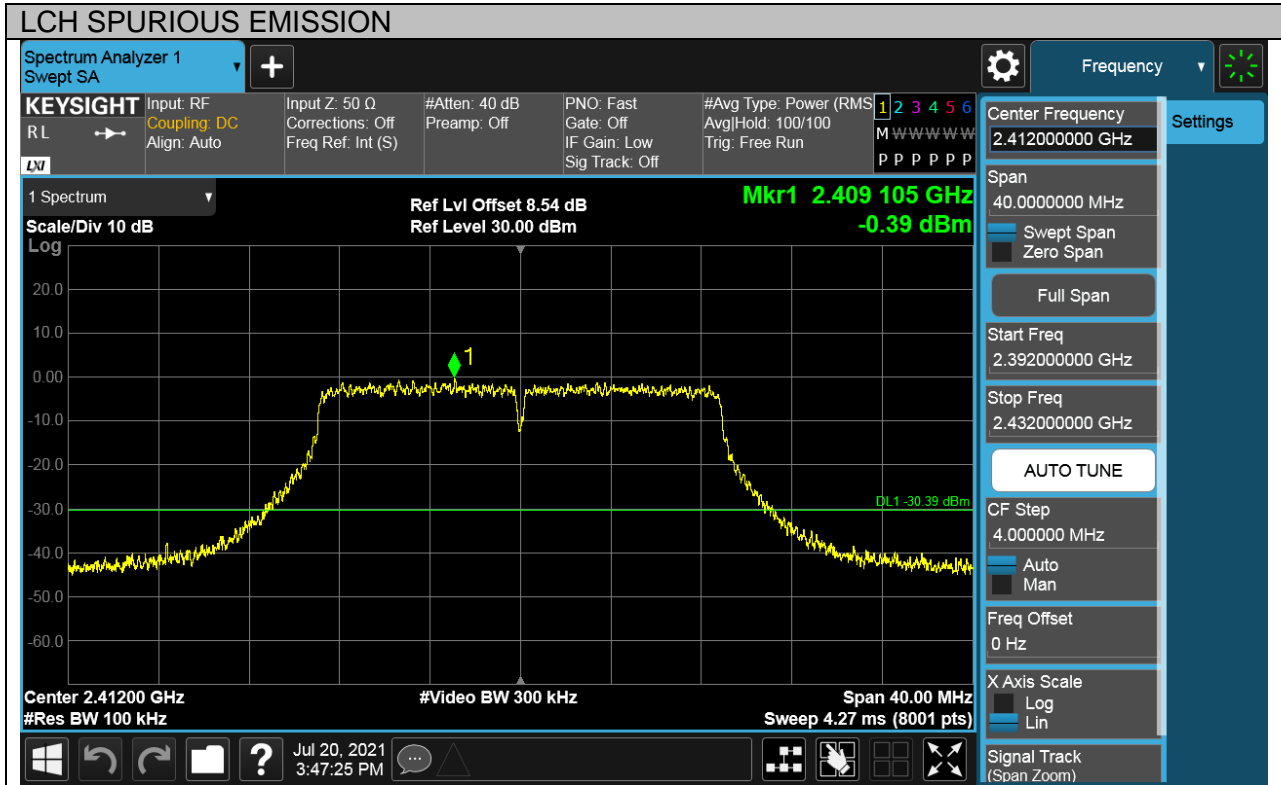




**For Antenna 2 Part:**

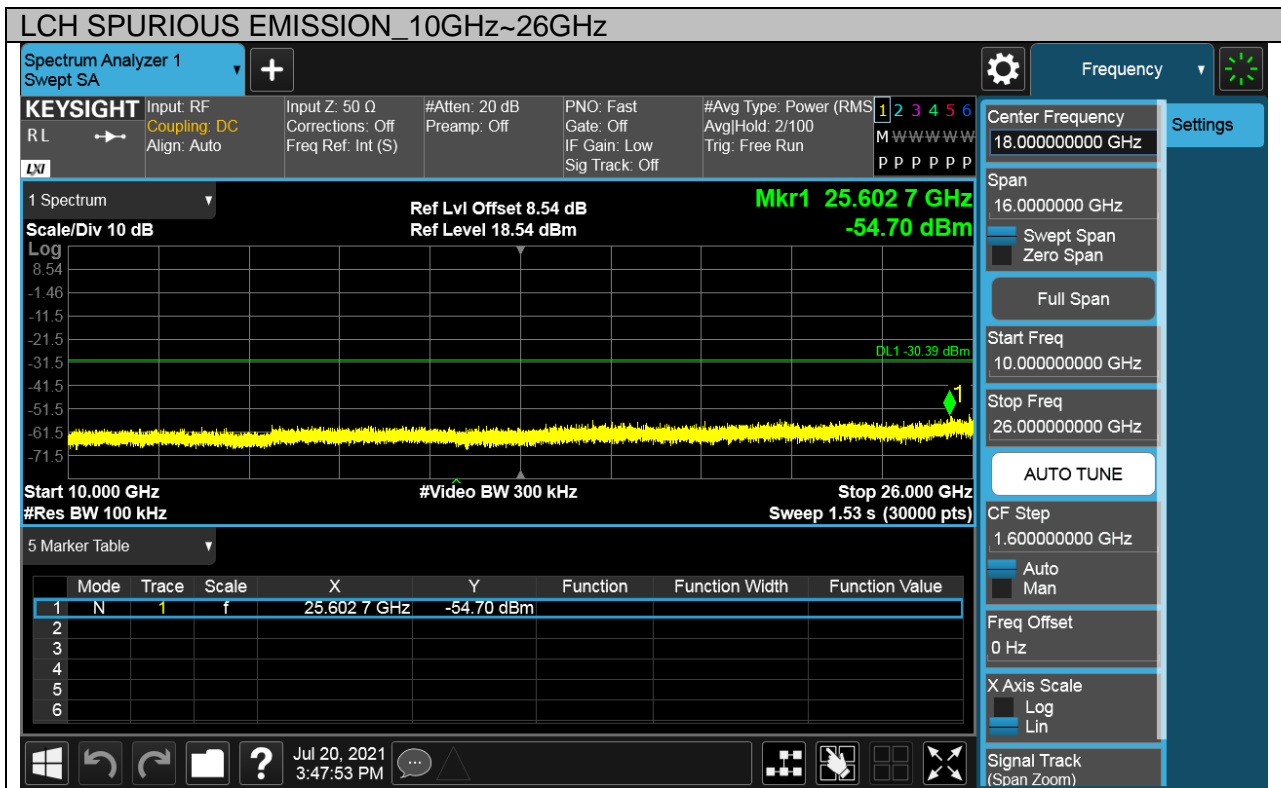
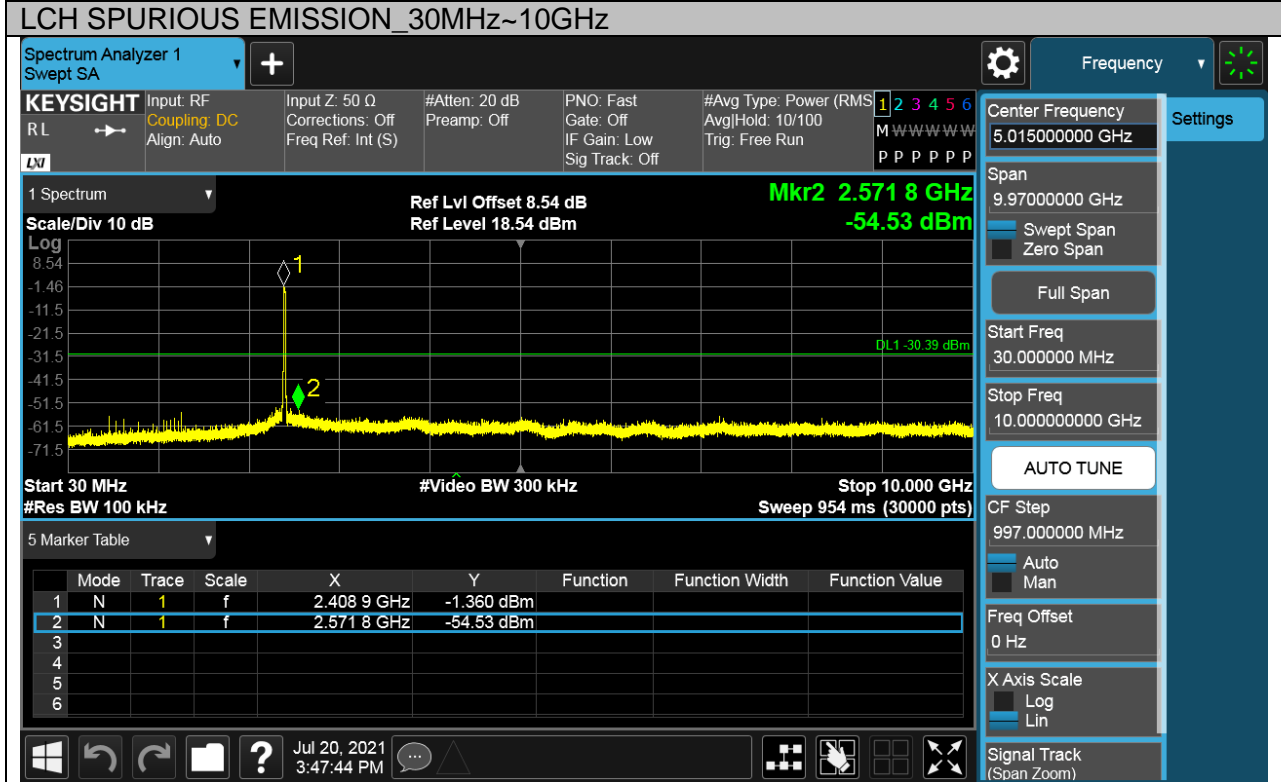
Test Mode	Channel	Verdict
11N HT20	LCH	PASS

Pref test Plot





Puw test Plot





Test Mode	Channel	Verdict
11N HT20	MCH	PASS

Pref test Plot

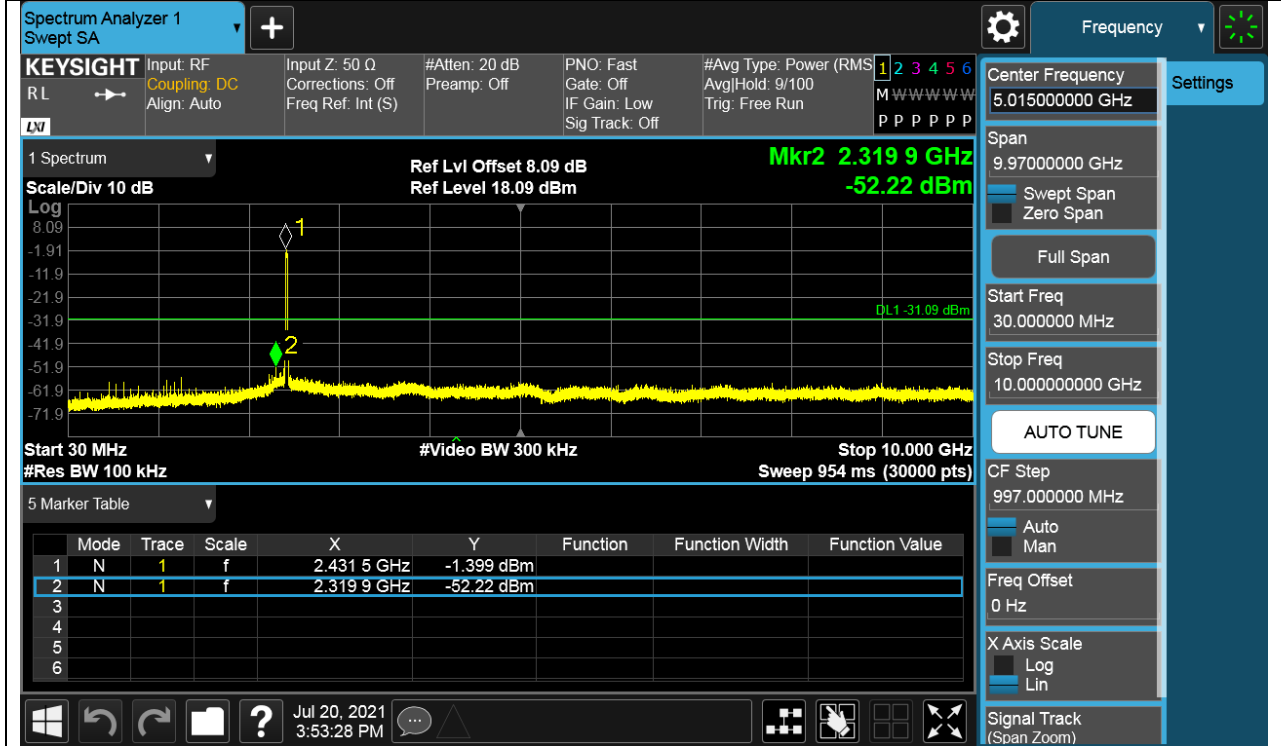




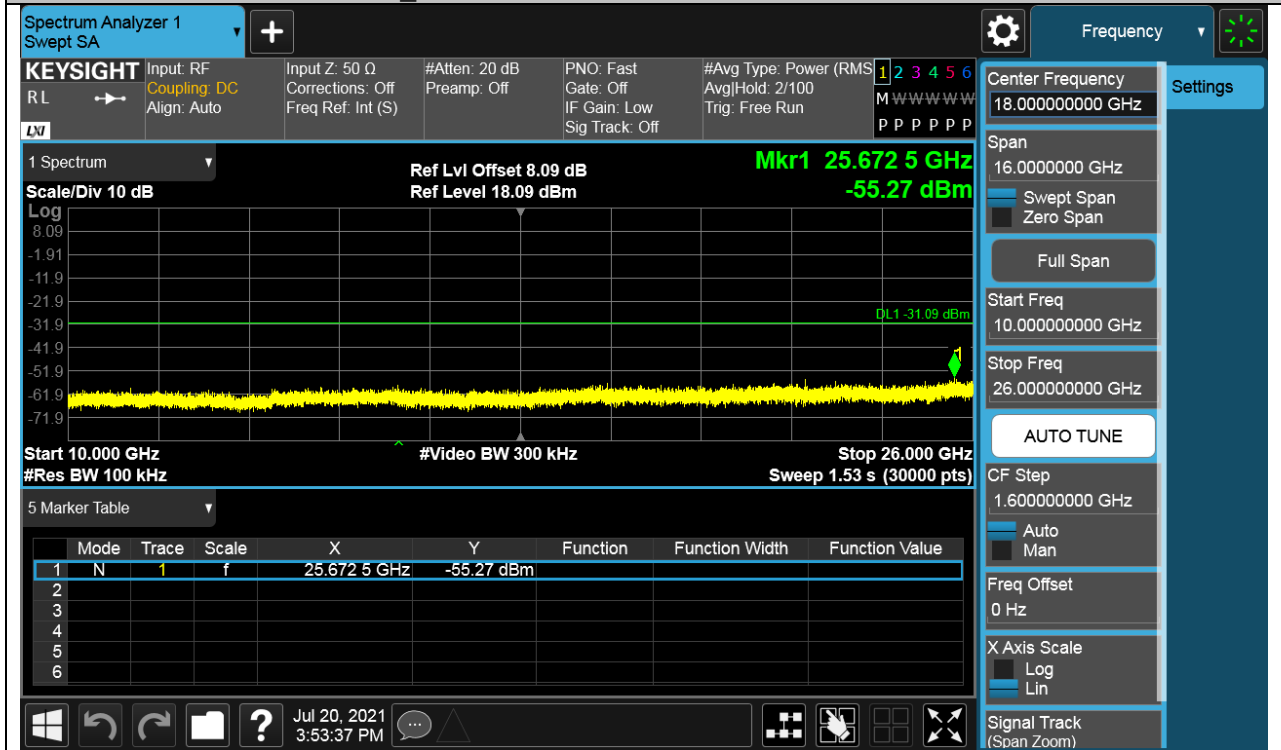


Puw test Plot

MCH SPURIOUS EMISSION\_30MHz~10GHz



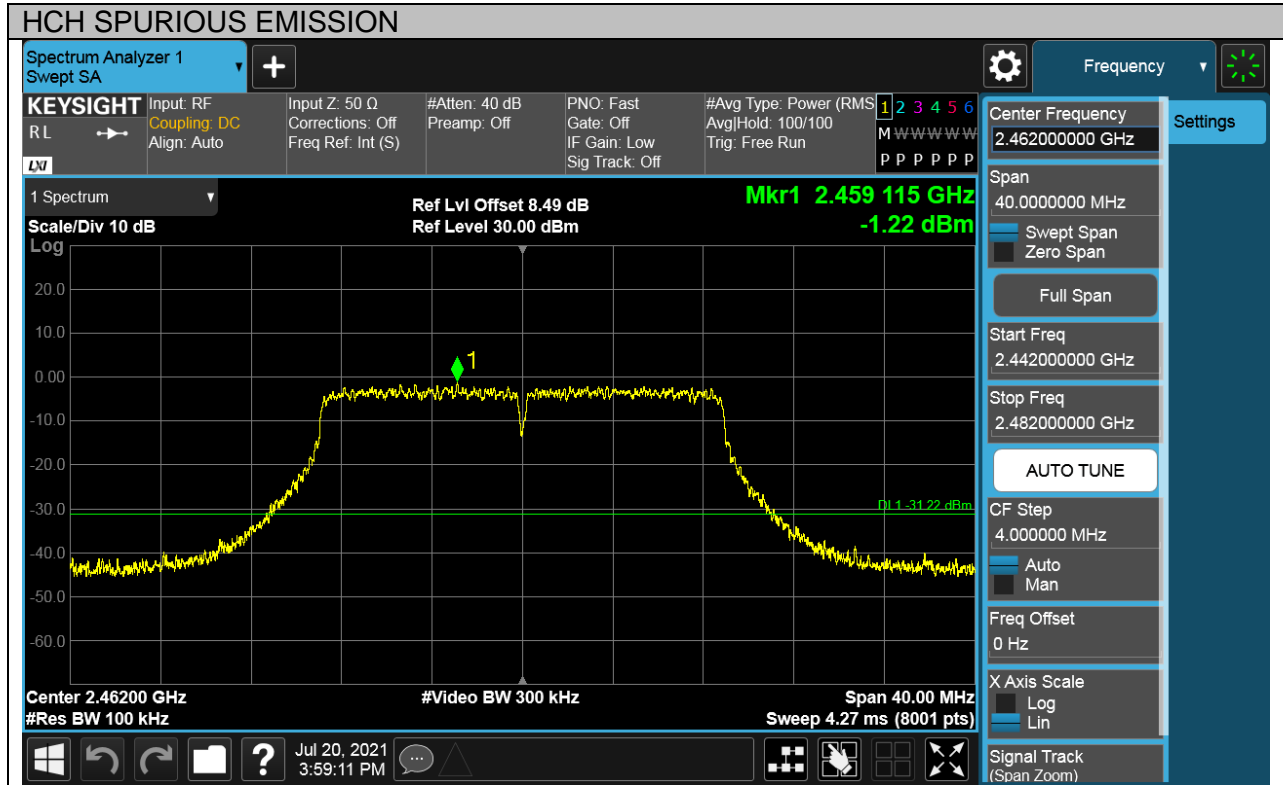
MCH SPURIOUS EMISSION\_10GHz~26GHz





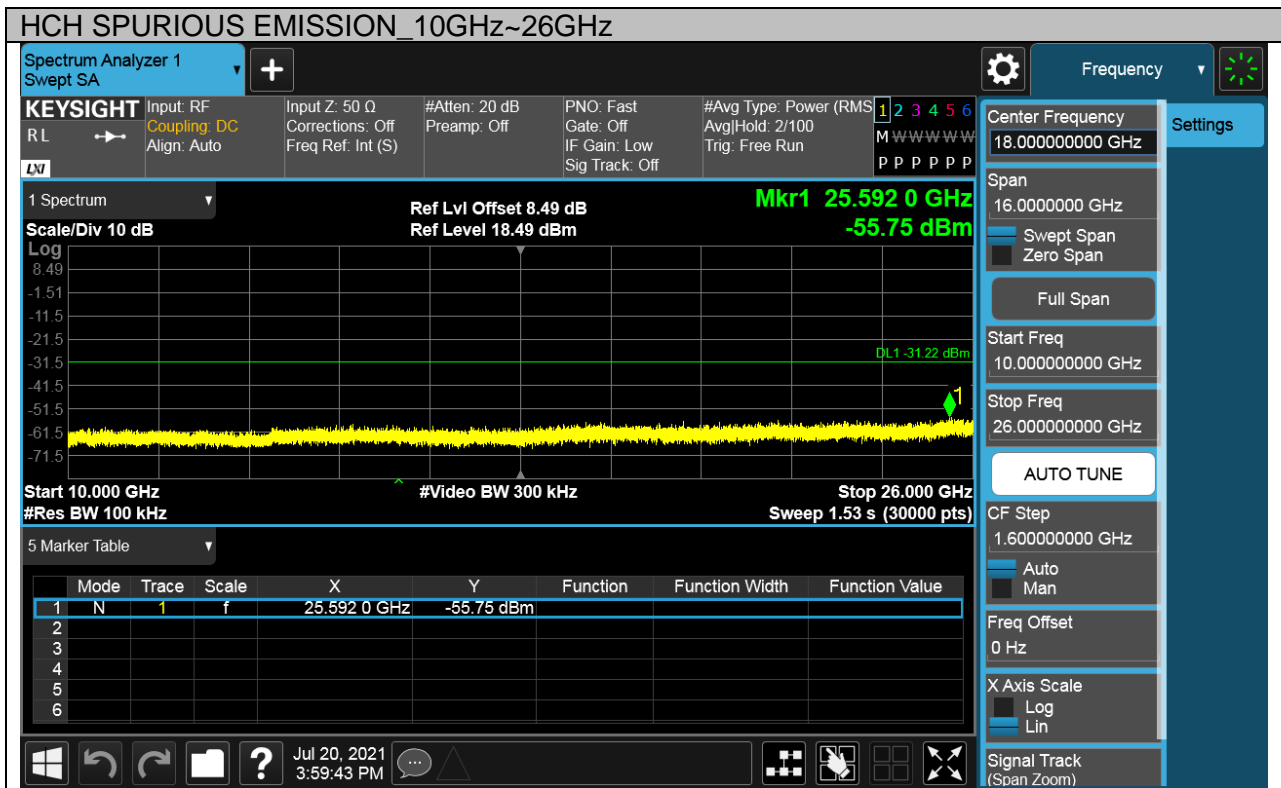
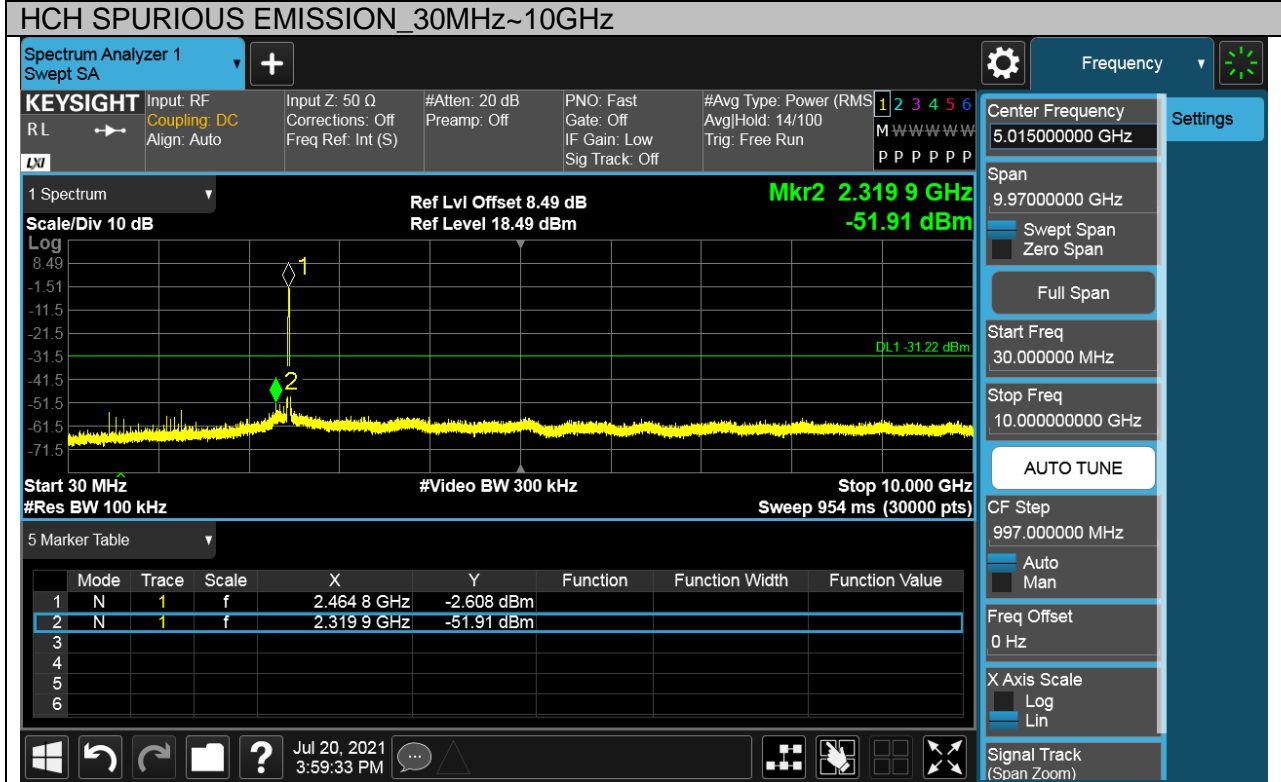
Test Mode	Channel	Verdict
11N HT20	HCH	PASS

Pref test Plot





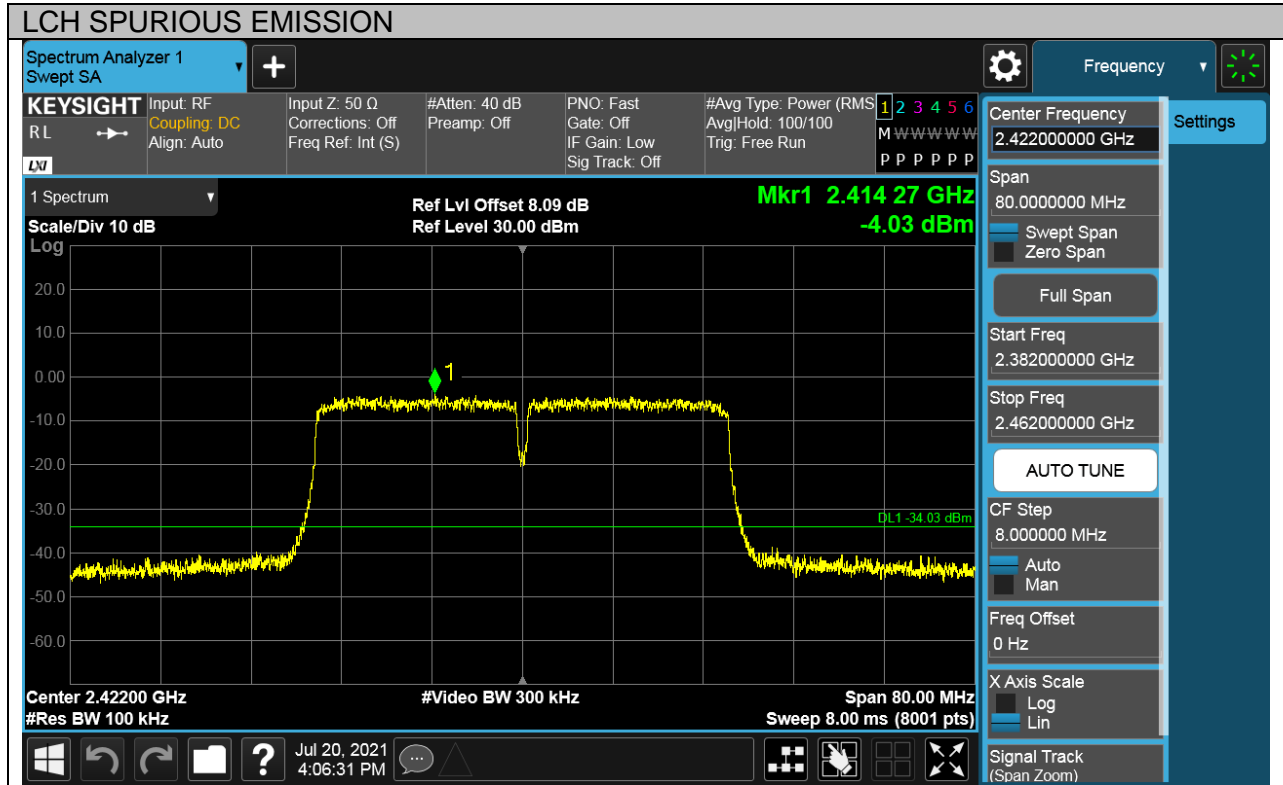
Puw test Plot





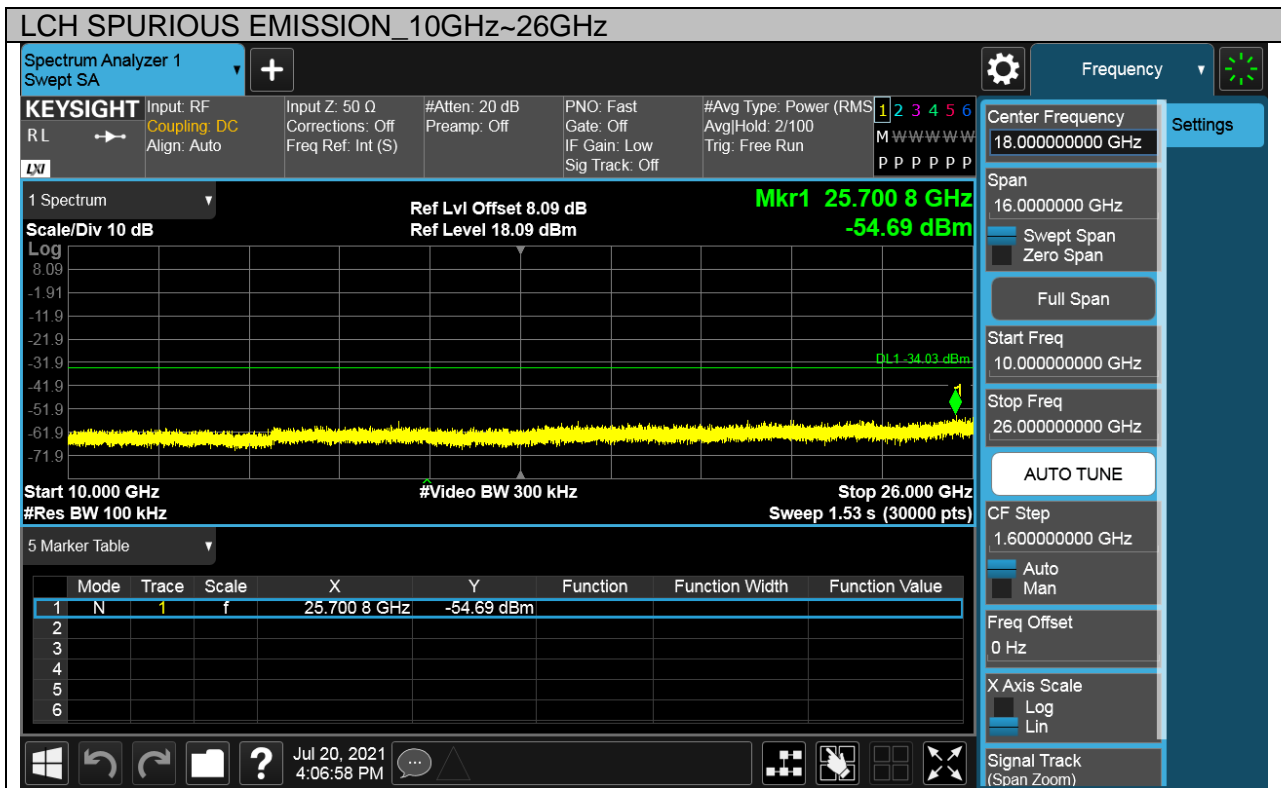
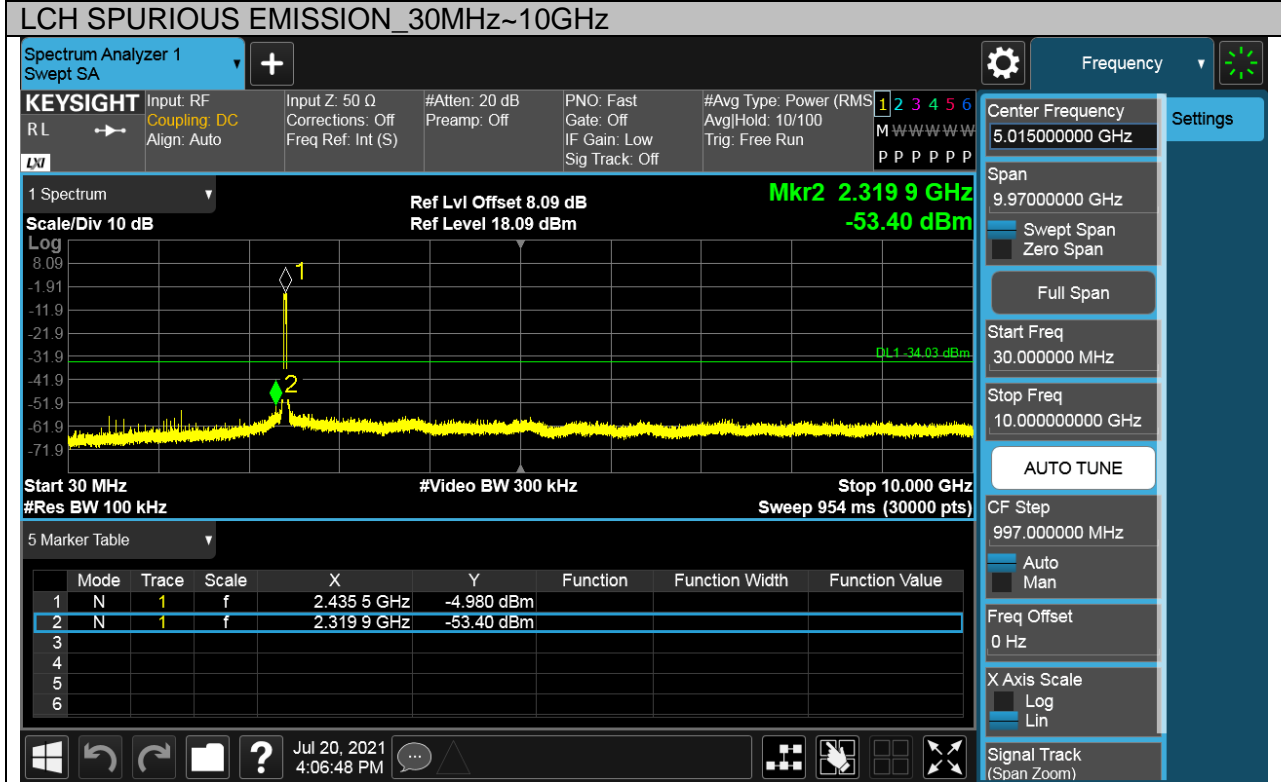
Test Mode	Channel	Verdict
11N HT40	LCH	PASS

Pref test Plot





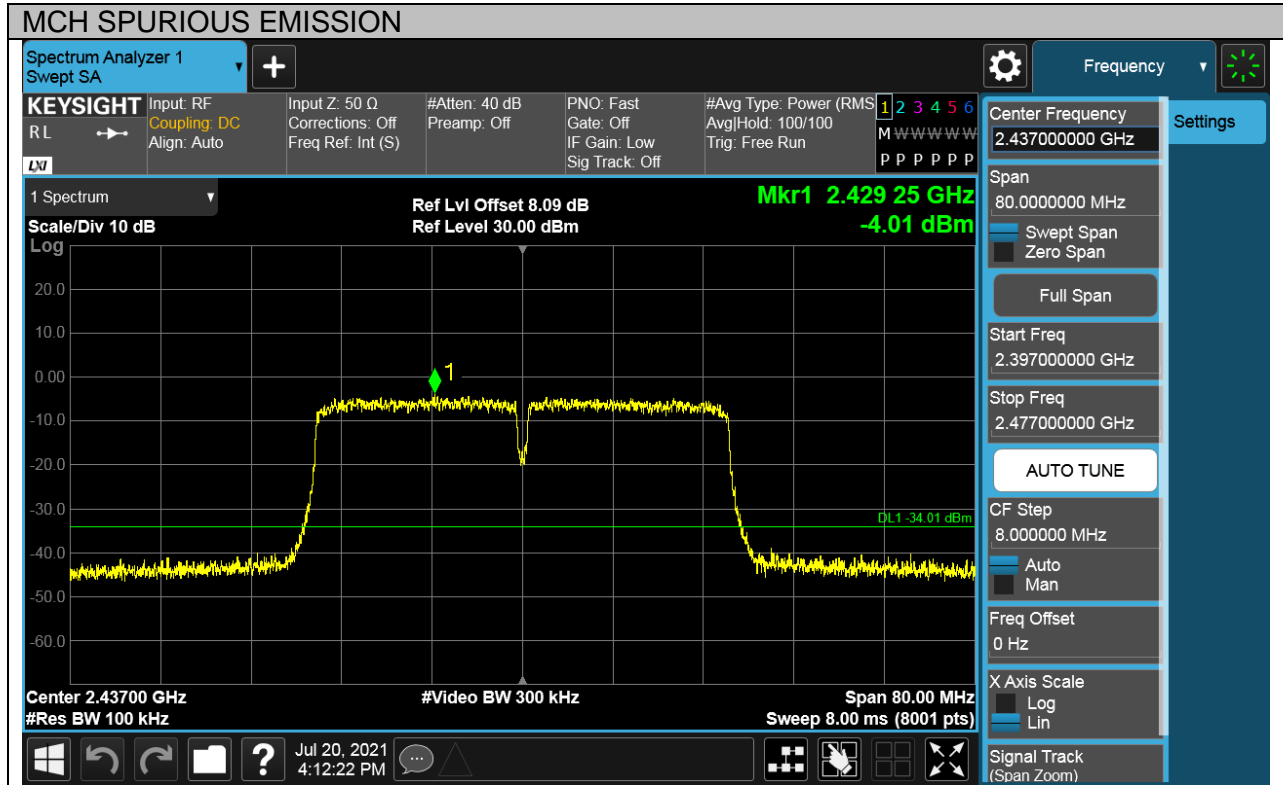
Puw test Plot





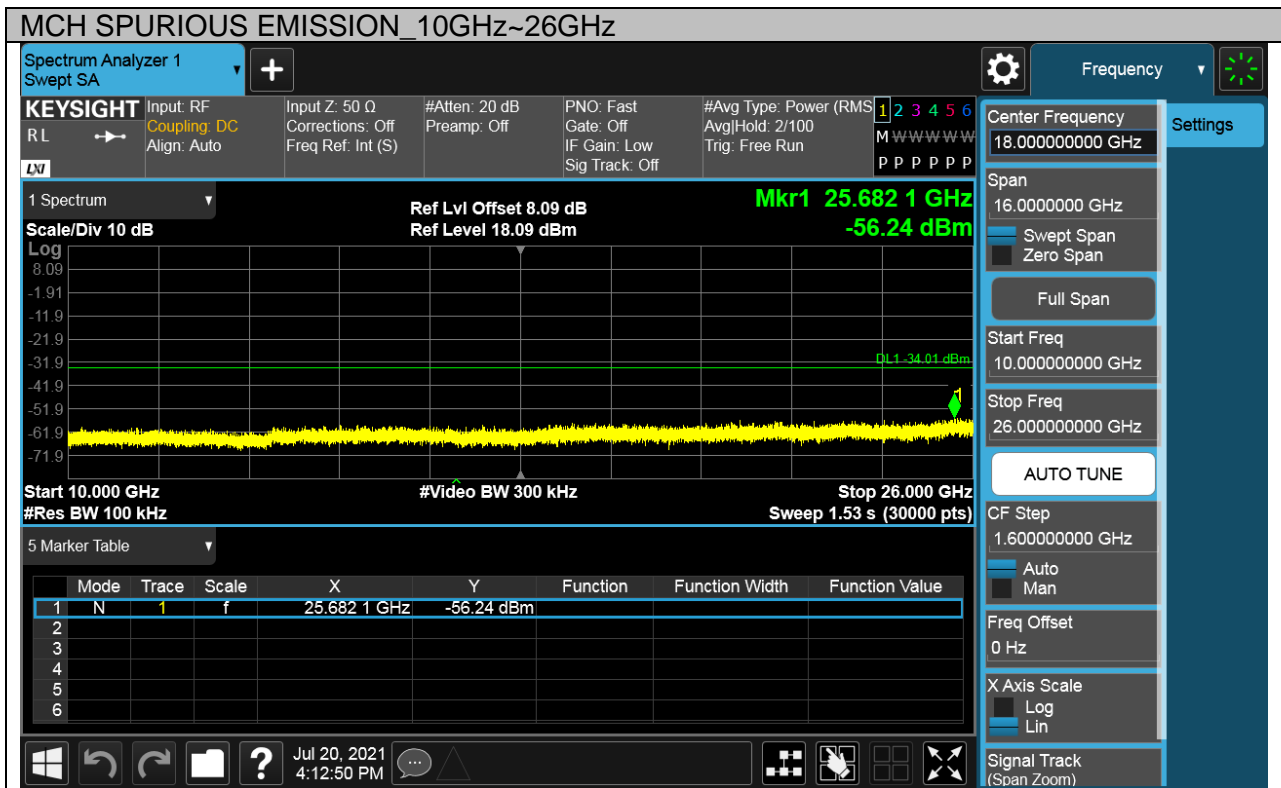
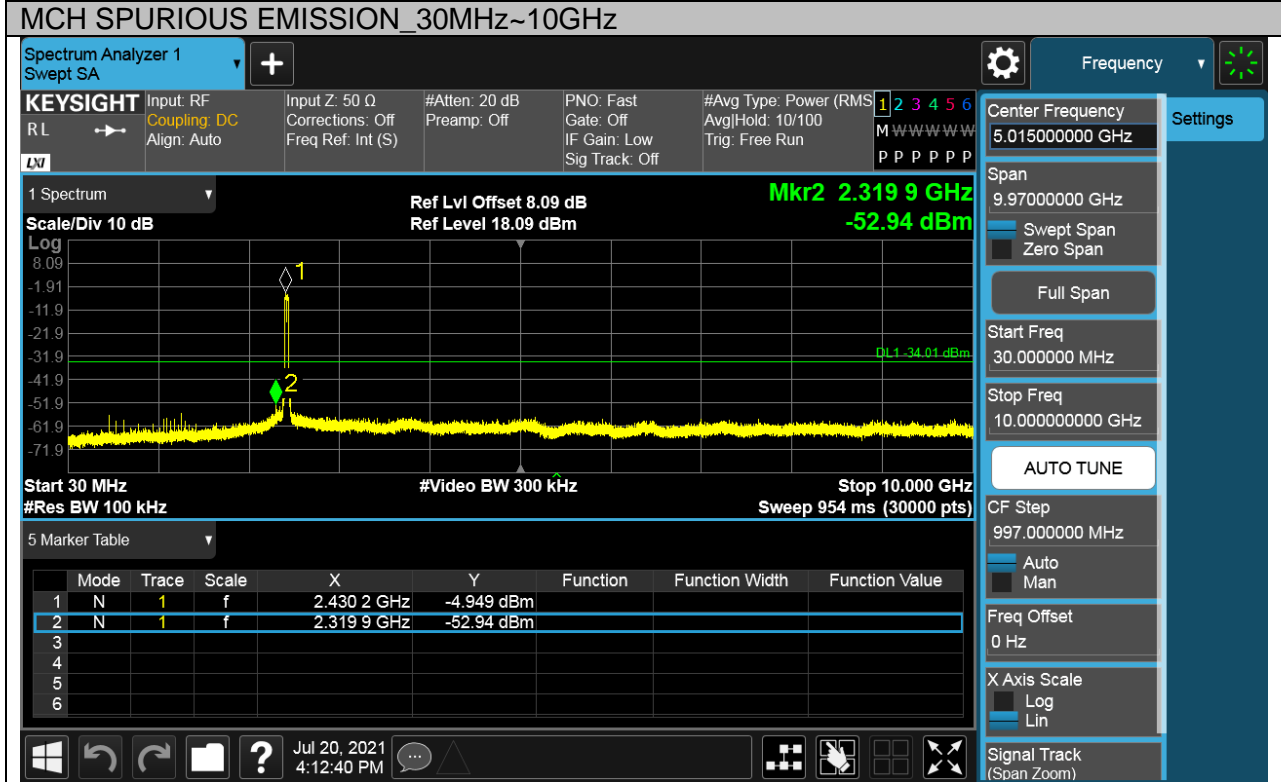
Test Mode	Channel	Verdict
11N HT40	MCH	PASS

Pref test Plot





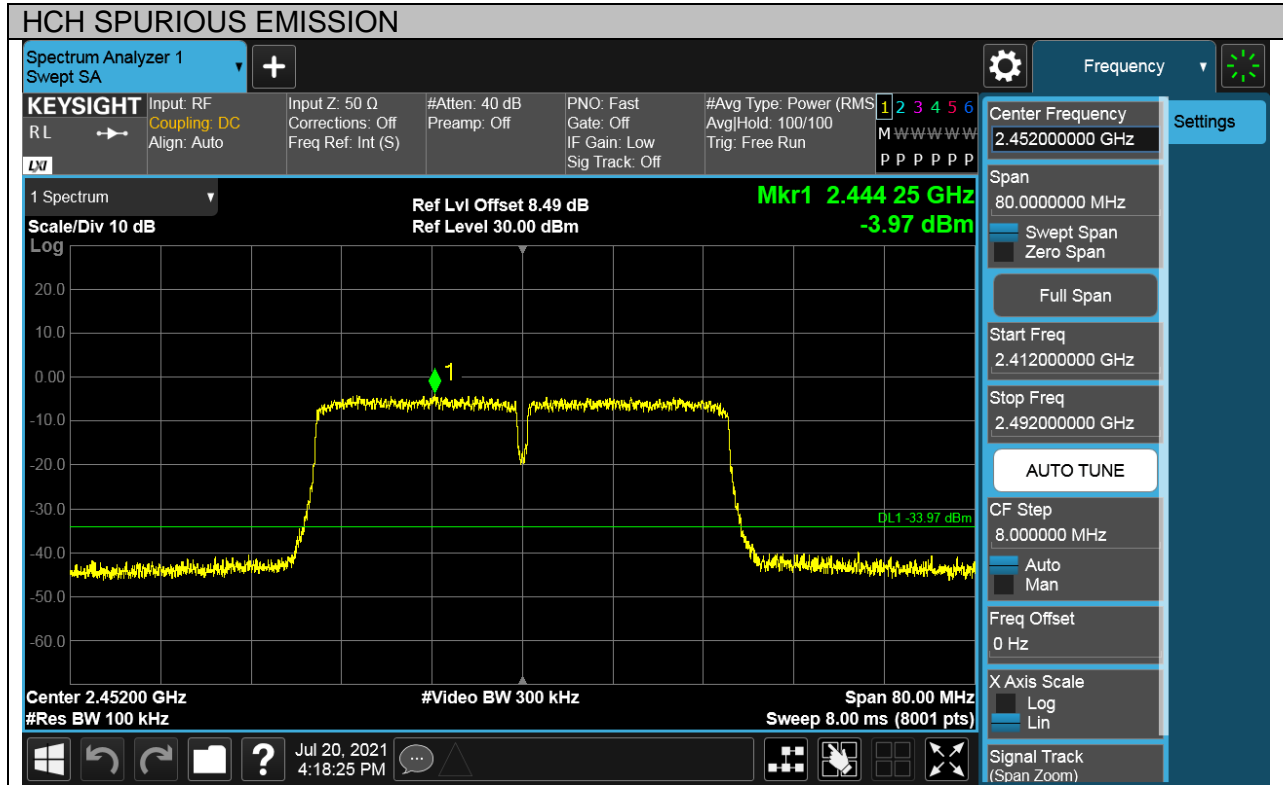
Puw test Plot





Test Mode	Channel	Verdict
11N HT40	HCH	PASS

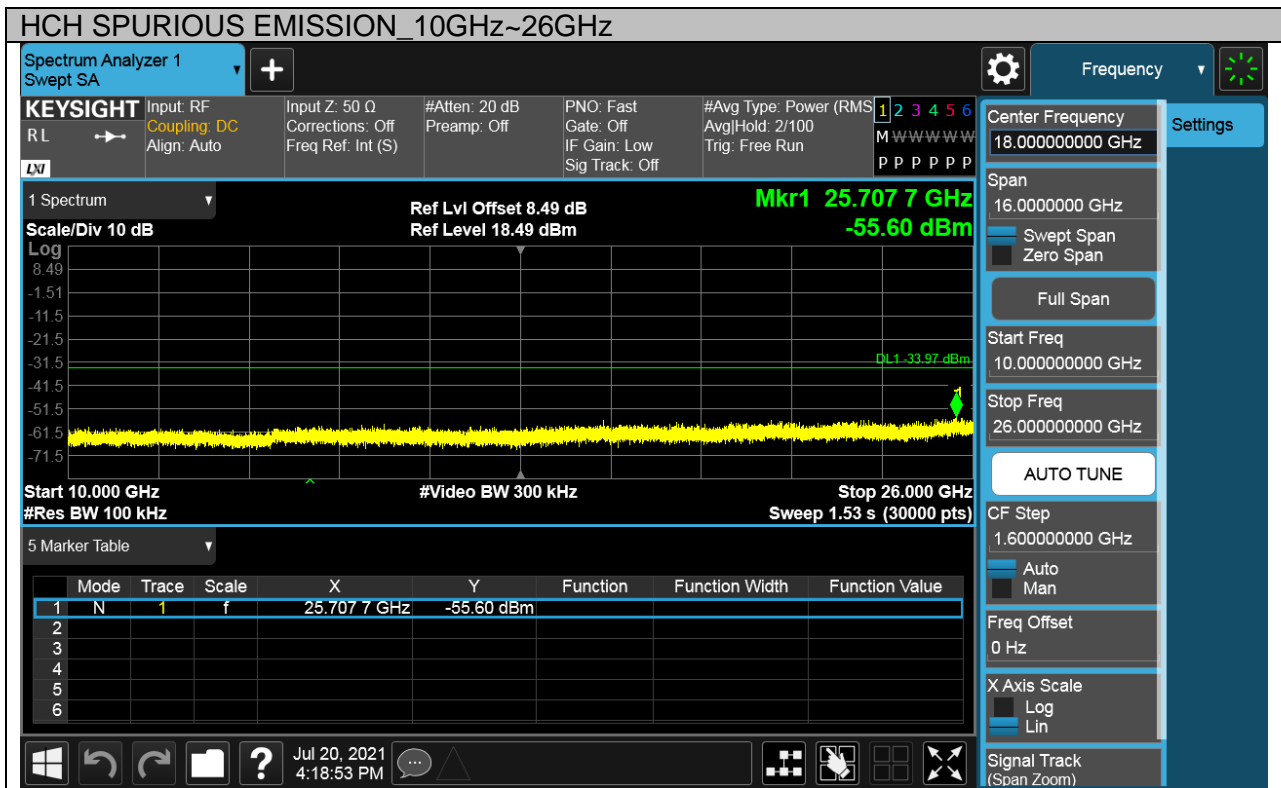
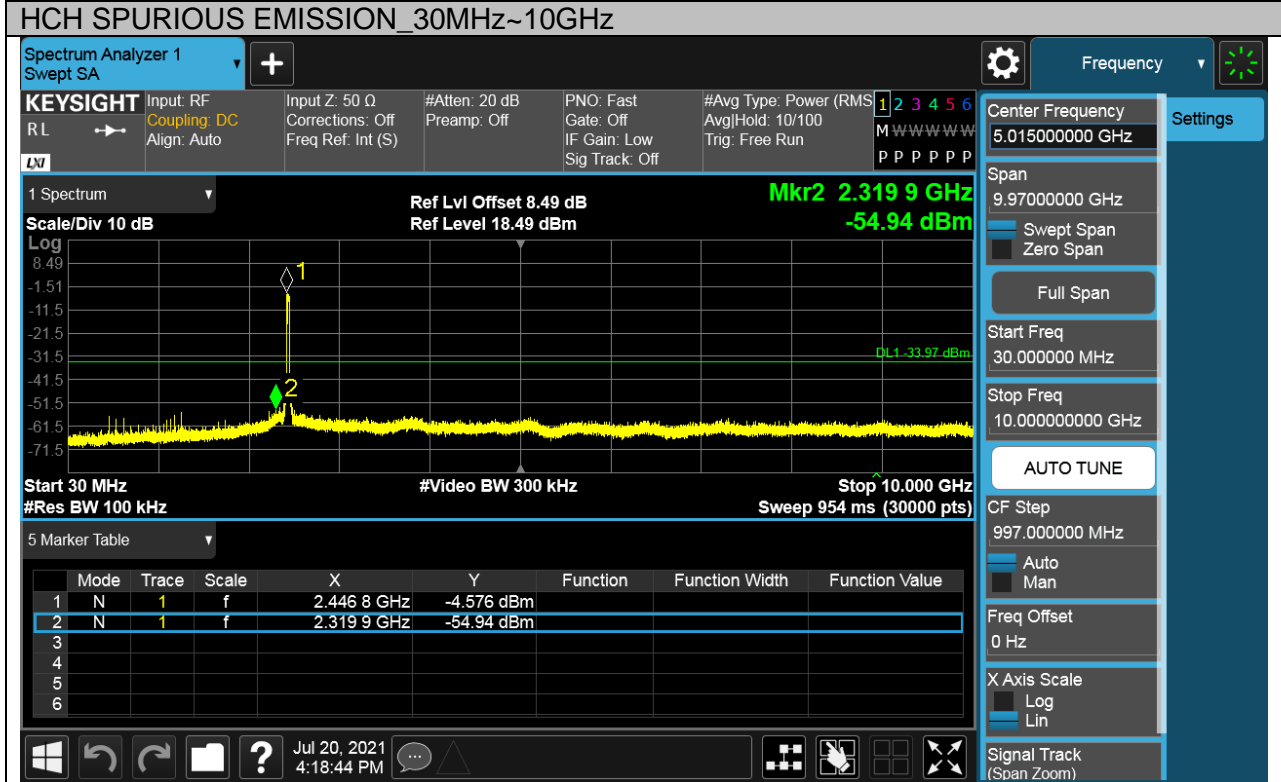
Pref test Plot







Puw test Plot





## 7.6. RADIATED TEST RESULTS

### 7.6.1. LIMITS AND PROCEDURE

#### LIMITS

Please refer to FCC §15.205 and §15.209

Please refer to FCC KDB 558074

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.



Radiation Disturbance Test Limit for FCC (Above 1G)

Frequency (MHz)	dB(uV/m) (at 3 meters)	
	Peak	Average
Above 1000	74	54

Restricted bands of operation

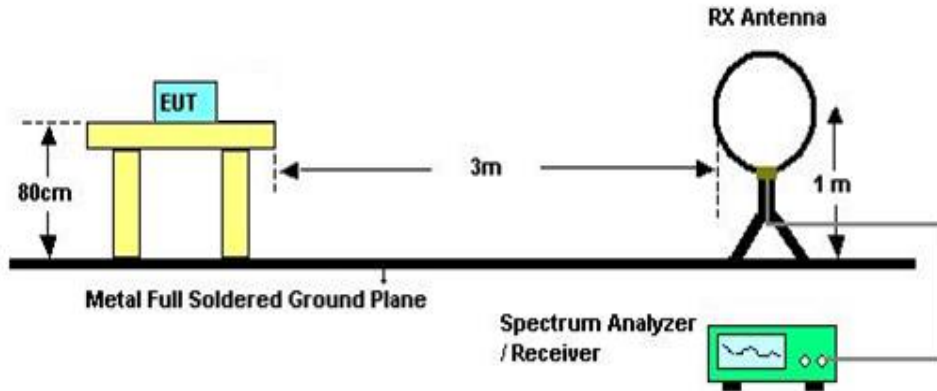
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	( <sup>2</sup> )
13.36-13.41			

Note: <sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

<sup>2</sup>Above 38.6c

**TEST SETUP AND PROCEDURE**

Below 30MHz

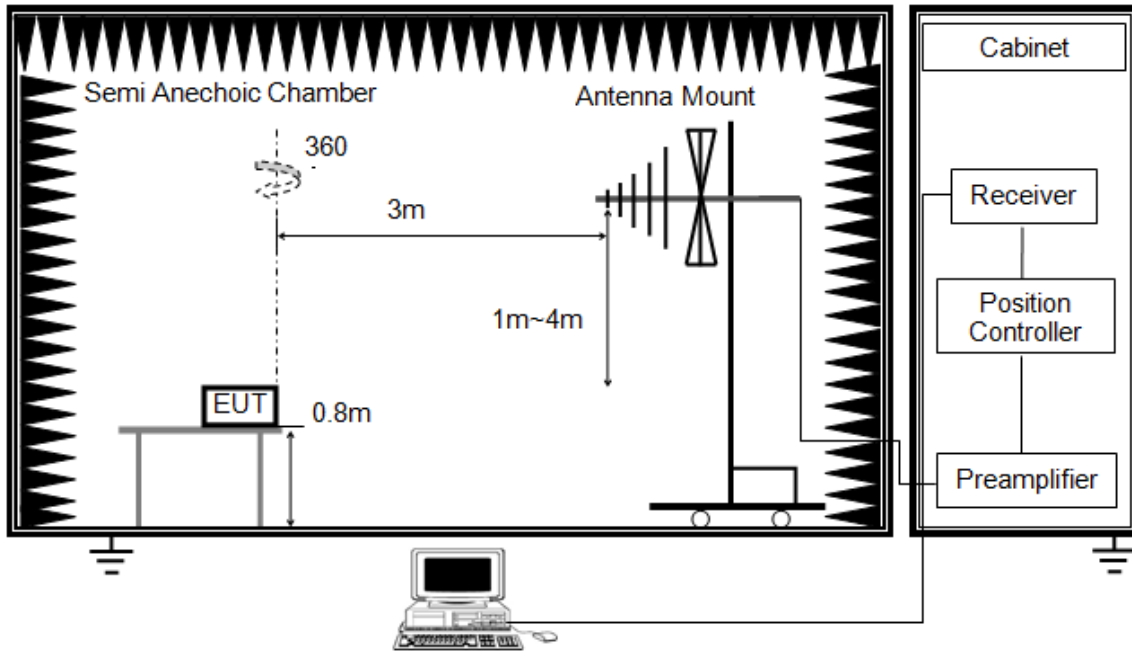


The setting of the spectrum analyser

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. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector
6. 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.
7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Below 1G

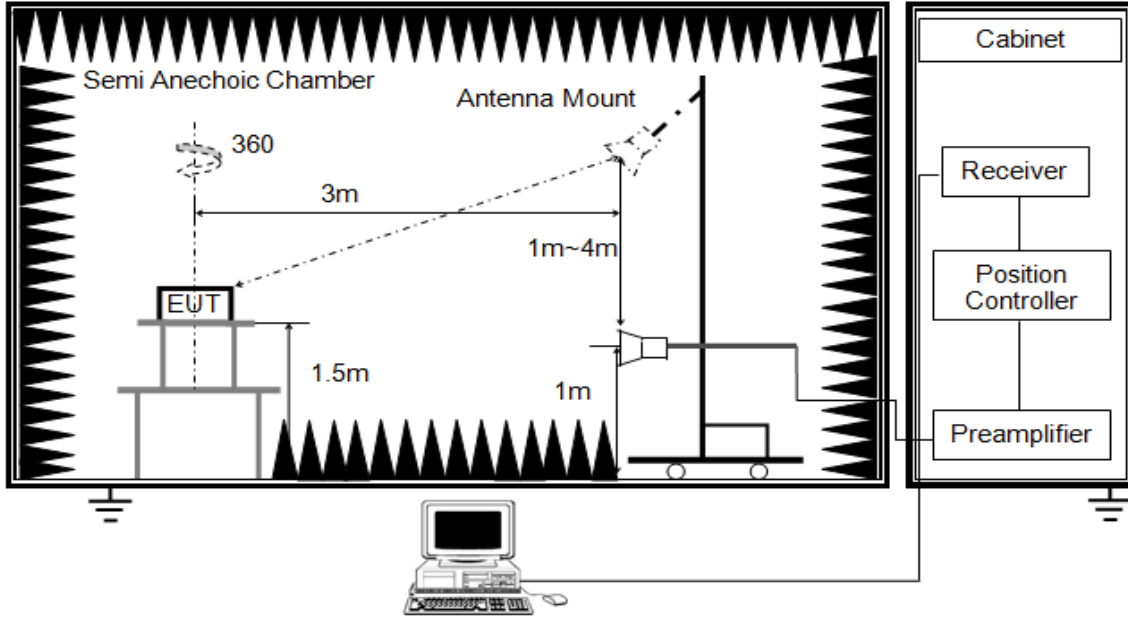


The setting of the spectrum analyser

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

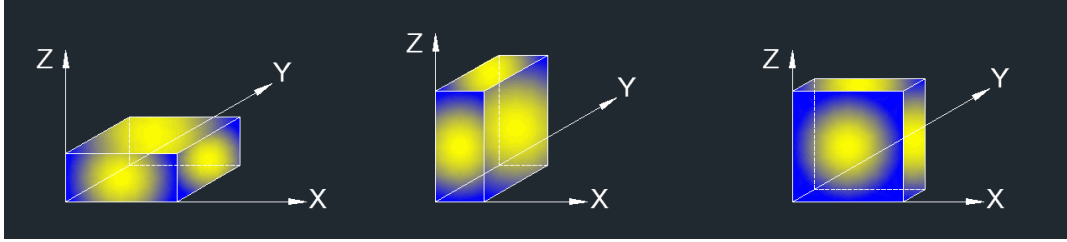


The setting of the spectrum analyser

RBW	1M
VBW	PEAK:3M AVG: See note6
Sweep	Auto
Detector	Peak/Average(10Hz)
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 video bandwidth  $\geq 1/T$  but not less than the setting list in section 7.1 when use peak detector, max hold to be run for at least  $[50 \cdot (1/\text{Duty Cycle})]$  traces for average measurements. For the Duty Cycle need to refer the results in section 7.1.
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.

### 7.6.2.RESTRICTED BANDEDGE

Test Result Table

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B SISO	Antenna1	LCH	<Limit	PASS
		HCH	<Limit	PASS
11G SISO	Antenna1	LCH	<Limit	PASS
		HCH	<Limit	PASS
11N20 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		HCH	<Limit	PASS
11N40 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		HCH	<Limit	PASS

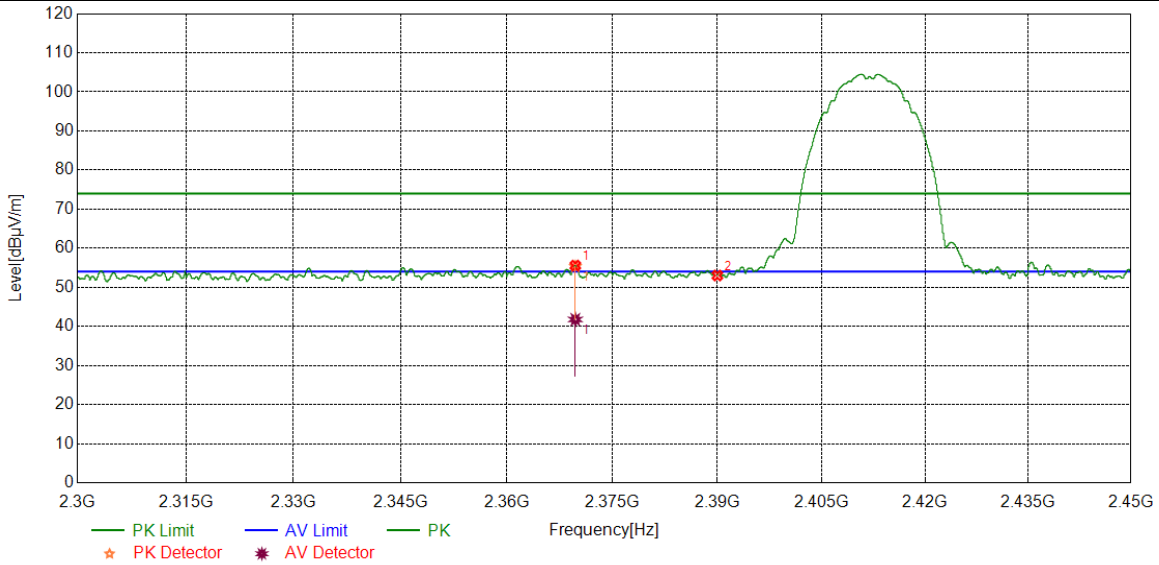
Remark:

- 1) For this product, it has two antennas, antenna1 and antenna2, but only the 802.11N HT20 and 802.11N HT40 modes can support both the SISO and MIMO technical. But for the modes of 11B & 11G, only the antenna 1 is working.
- 2) Through pre-testing all the test modes of 11N 20 and 11N40, including SISO and MIMO, but only the data if worse case is included in this test report.



**Test Graphs:**

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



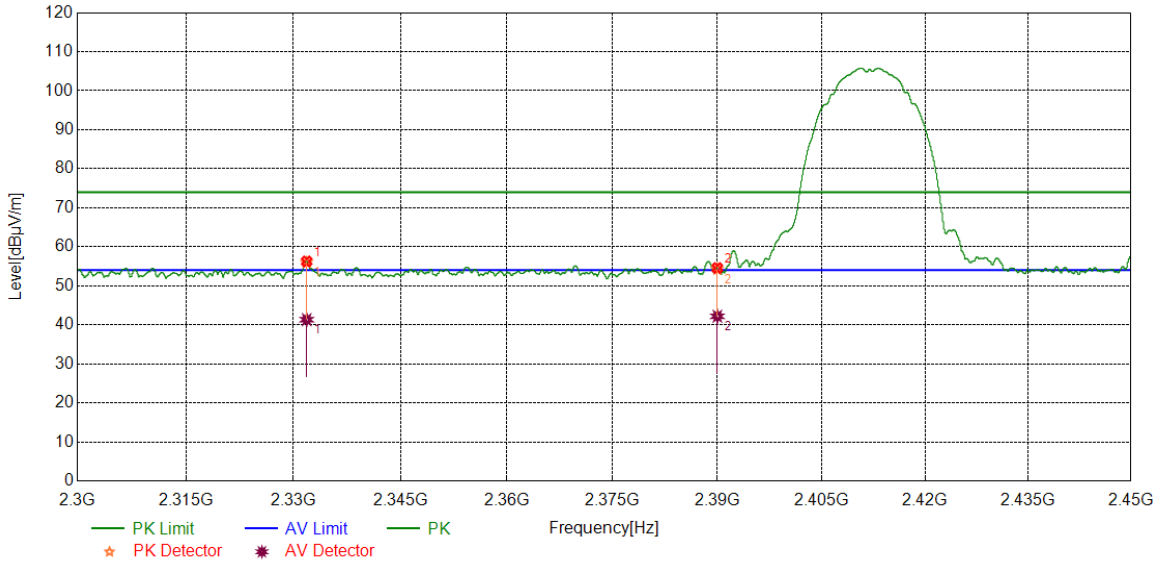
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2369.7212	42.65	12.92	55.57	74.00	-18.43	peak
		28.85	12.92	41.77	54.00	-12.23	average
2	2390.0000	39.95	13.07	53.02	74.00	-20.98	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11B	LCH	Vertical	PASS

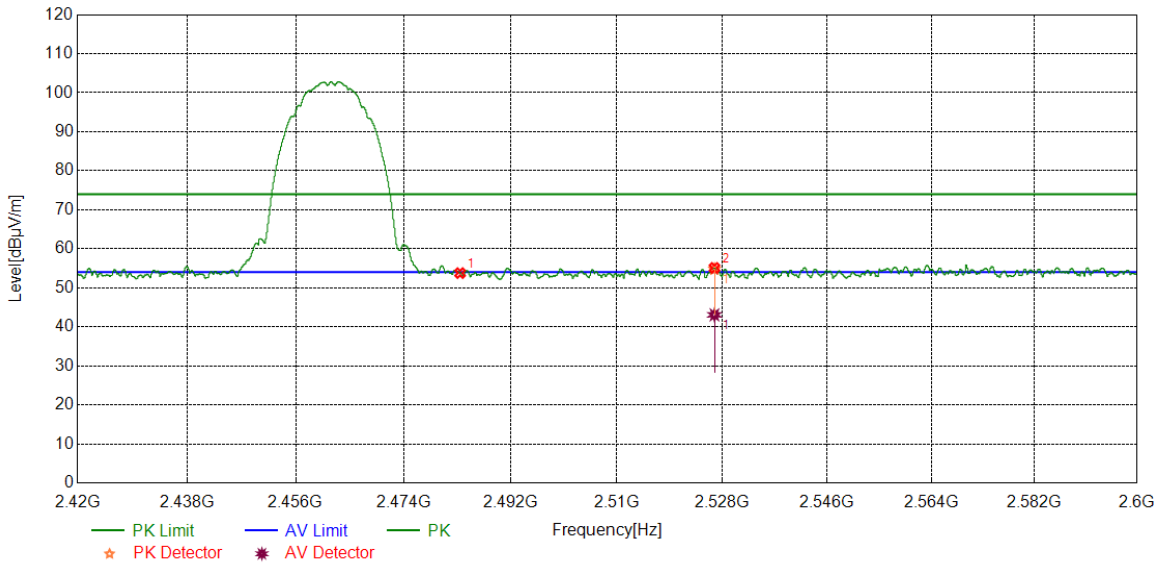


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2331.8415	43.77	12.49	56.26	74.00	-17.74	peak
		28.84	12.49	41.33	54.00	-12.67	average
2	2390.0000	41.50	13.07	54.57	74.00	-19.43	peak
		29.13	13.07	42.20	54.00	-11.8	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11B	HCH	Horizontal	PASS

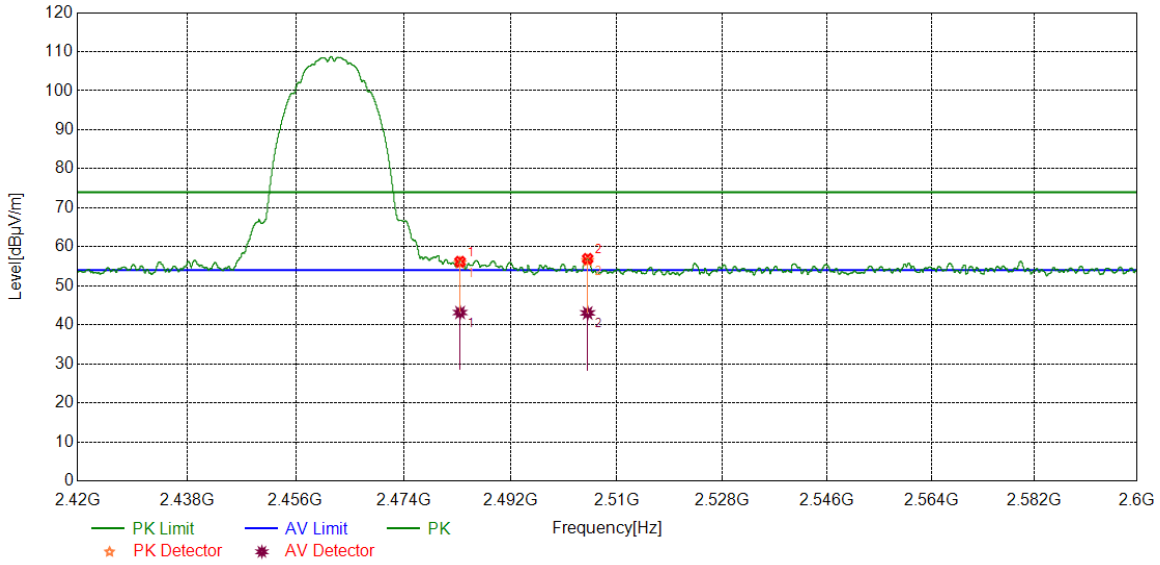


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.81	12.97	53.78	74.00	-20.22	peak
2	2526.6408	41.75	13.35	55.10	74.00	-18.9	peak
		29.72	13.35	43.07	54.00	-10.93	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11B	HCH	Vertical	PASS

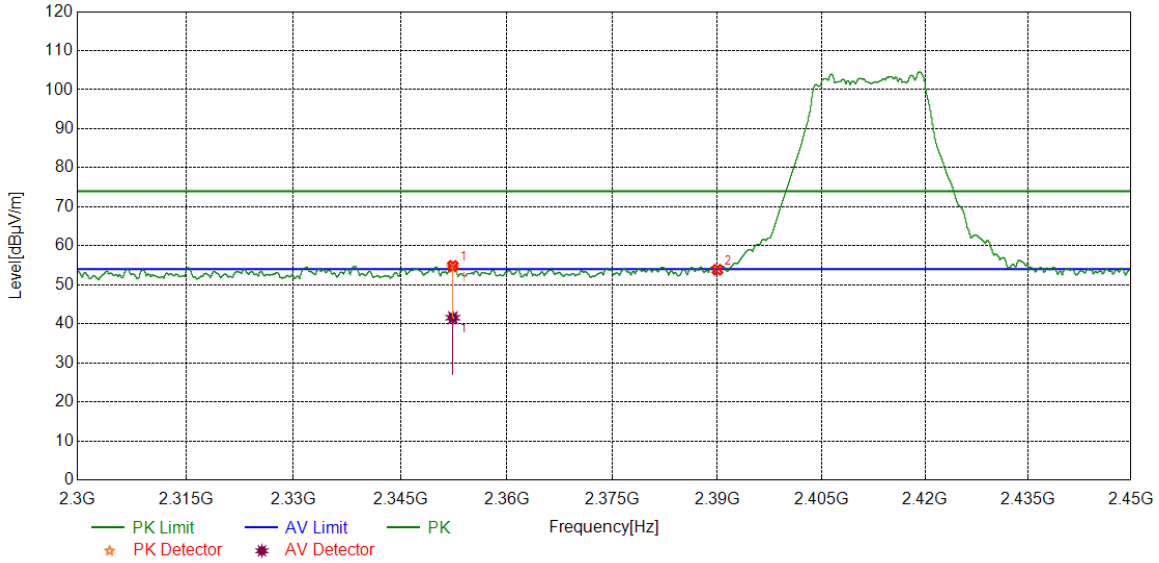


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	43.22	12.97	56.19	74.00	-17.81	peak
		30.19	12.97	43.16	54.00	-10.84	average
2	2505.0381	43.76	13.17	56.93	74.00	-17.07	peak
		29.87	13.17	43.04	54.00	-10.96	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11G	LCH	Horizontal	PASS

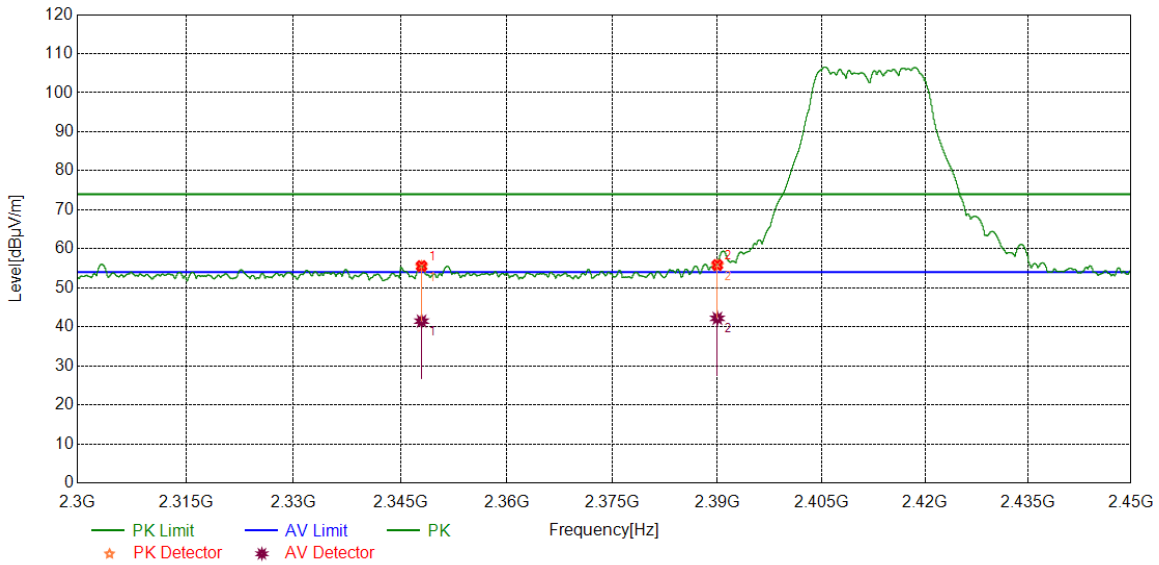


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2352.3753	42.15	12.71	54.86	74.00	-19.14	peak
		28.86	12.71	41.57	54.00	-12.43	average
2	2390.0000	40.79	13.07	53.86	74.00	-20.14	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11G	LCH	Vertical	PASS

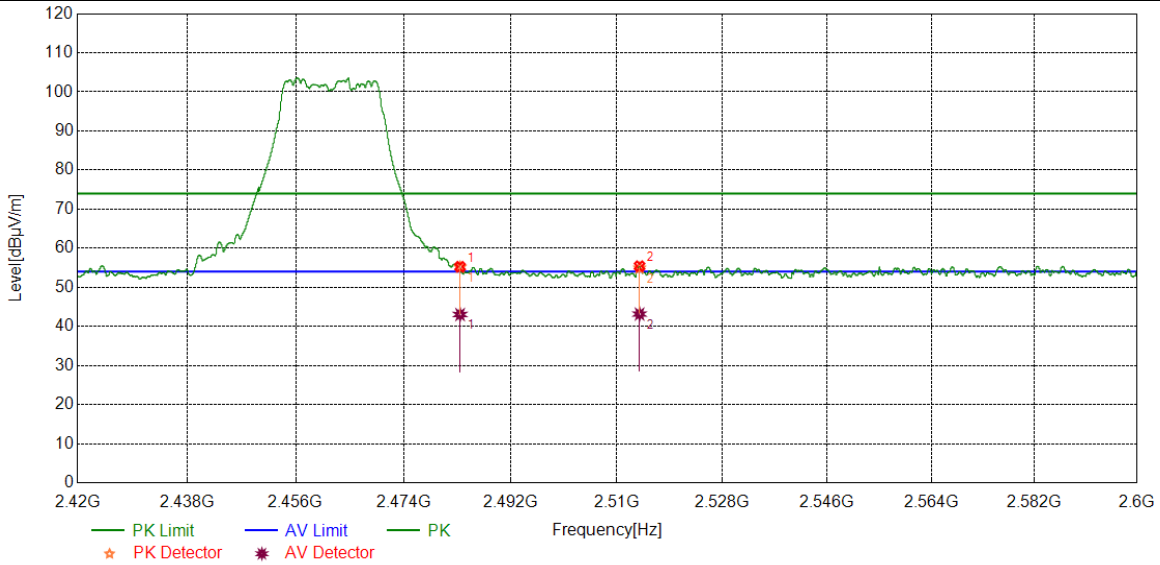


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2347.9685	42.92	12.67	55.59	74.00	-18.41	peak
		28.79	12.67	41.46	54.00	-12.54	average
2	2390.0000	42.79	13.07	55.86	74.00	-18.14	peak
		29.11	13.07	42.18	54.00	-11.82	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11G	HCH	Horizontal	PASS

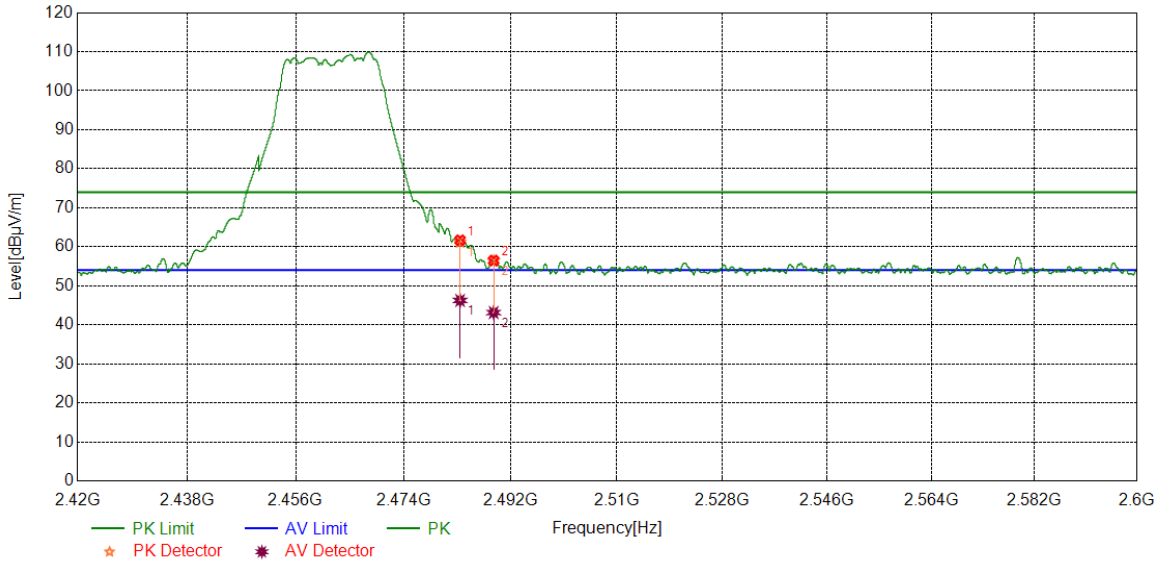


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	42.29	12.97	55.26	74.00	-18.74	peak
		30.07	12.97	43.04	54.00	-10.96	average
2	2513.8592	42.20	13.21	55.41	74.00	-18.59	peak
		29.95	13.21	43.16	54.00	-10.84	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11G	HCH	Vertical	PASS

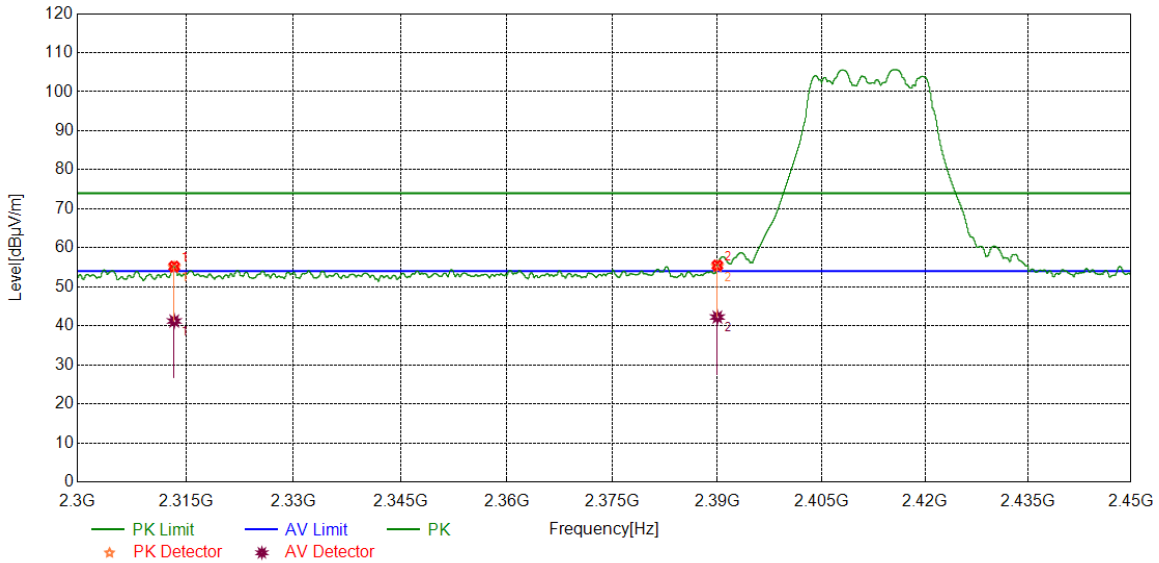


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	48.70	12.97	61.67	74.00	-12.33	peak
		33.28	12.97	46.25	54.00	-7.75	average
2	2489.1511	43.50	12.99	56.49	74.00	-17.51	peak
		30.16	12.99	43.15	54.00	-10.85	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11N HT20	LCH	Horizontal	PASS



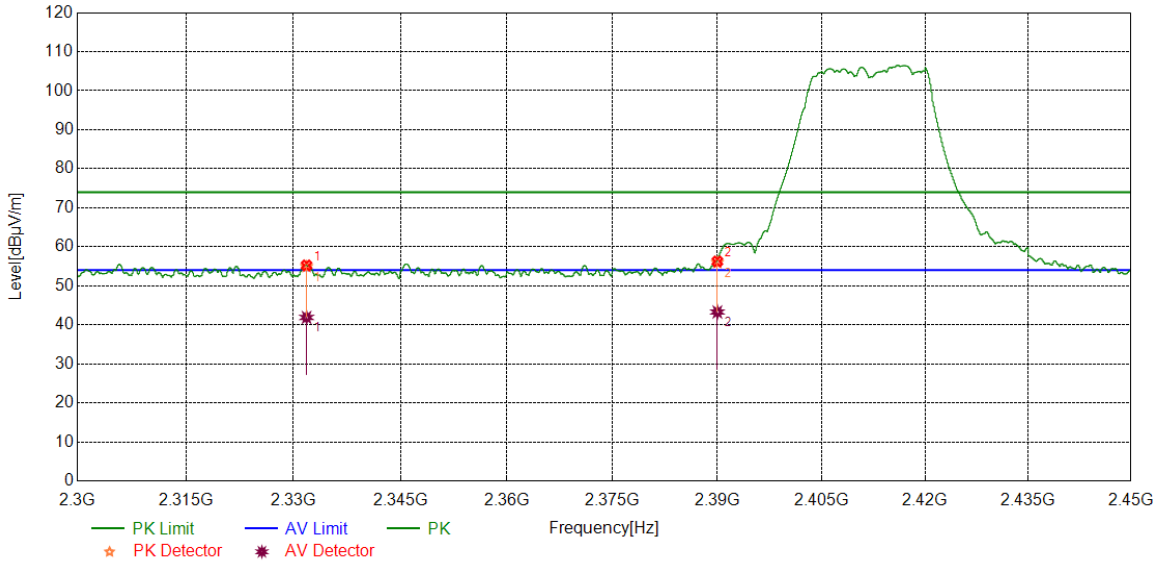
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2313.3892	42.89	12.32	55.21	74.00	-18.79	peak
		28.91	12.32	41.23	54.00	-12.77	average
2	2390.0000	42.42	13.07	55.49	74.00	-18.51	peak
		29.17	13.07	42.24	54.00	-11.76	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11N HT20	LCH	Vertical	PASS

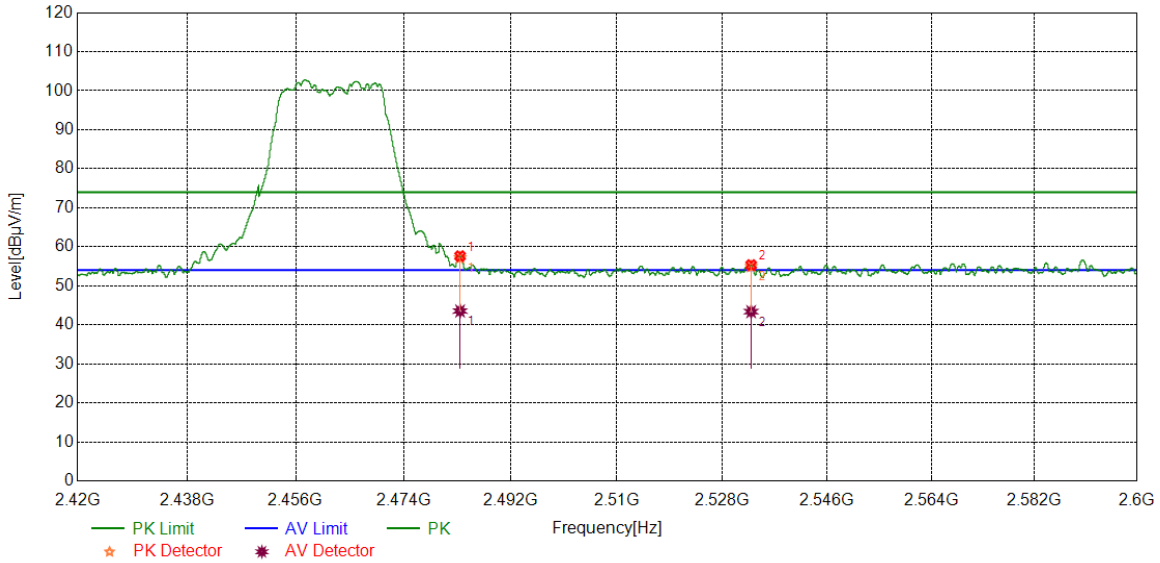


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2331.8227	42.76	12.49	55.25	74.00	-18.75	peak
		29.41	12.49	41.90	54.00	-12.1	average
2	2390.0000	43.19	13.07	56.26	74.00	-17.74	peak
		30.22	13.07	43.29	54.00	-10.71	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11N HT20	HCH	Horizontal	PASS

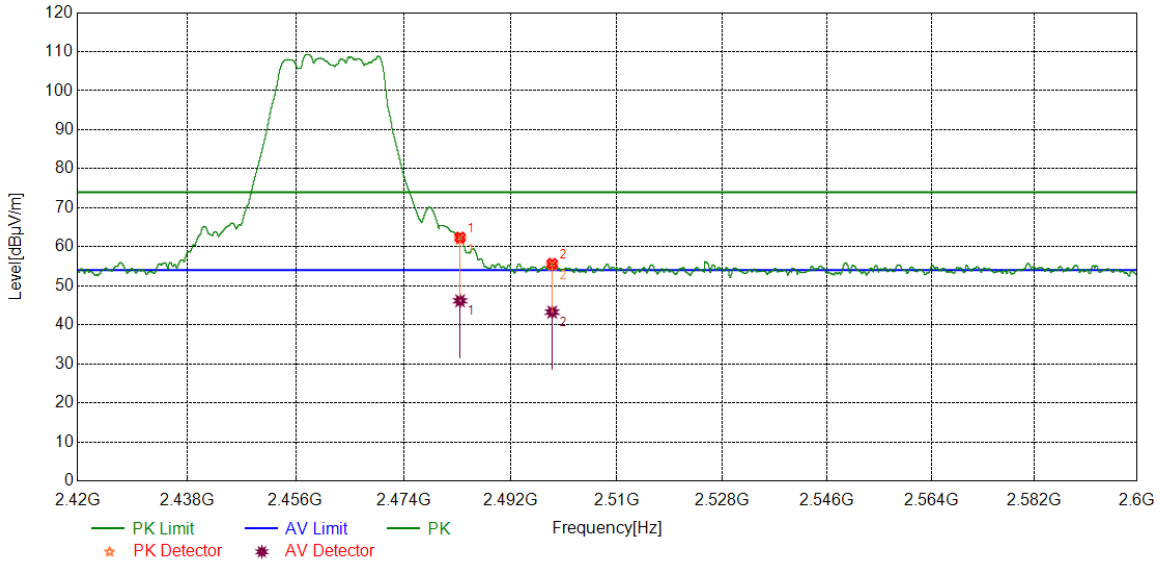


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	44.65	12.97	57.62	74.00	-16.38	peak
		30.58	12.97	43.55	54.00	-10.45	average
2	2532.9191	41.92	13.42	55.34	74.00	-18.66	peak
		29.96	13.42	43.38	54.00	-10.62	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11N HT20	HCH	Vertical	PASS

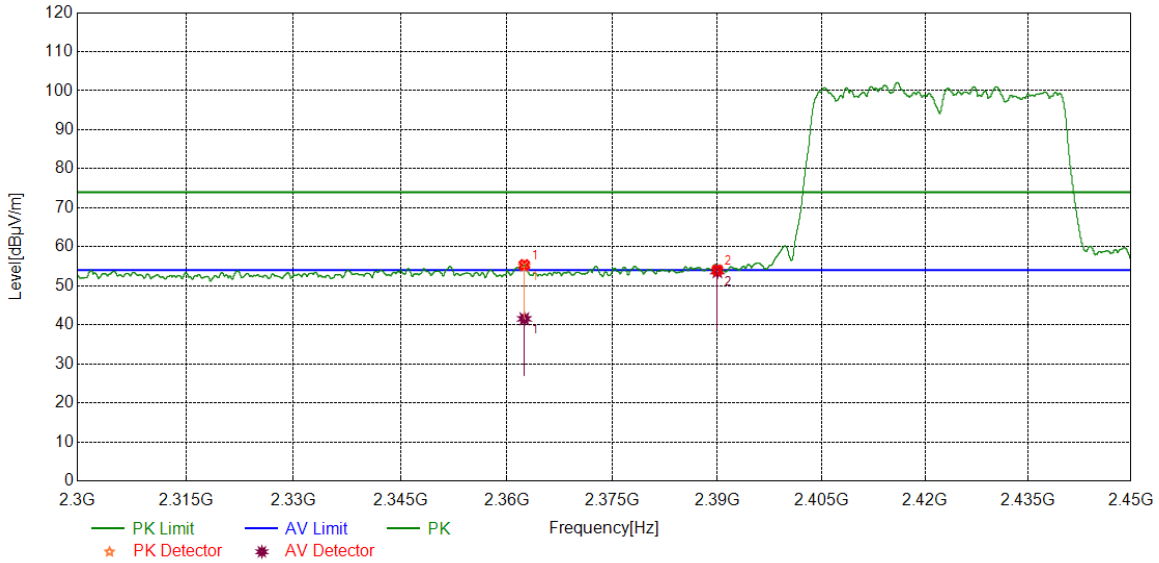


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	49.40	12.97	62.37	74.00	-11.63	peak
		33.19	12.97	46.16	54.00	-7.84	average
2	2499.0299	42.53	13.13	55.66	74.00	-18.34	peak
		30.14	13.13	43.27	54.00	-10.73	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11N HT40	LCH	Horizontal	PASS

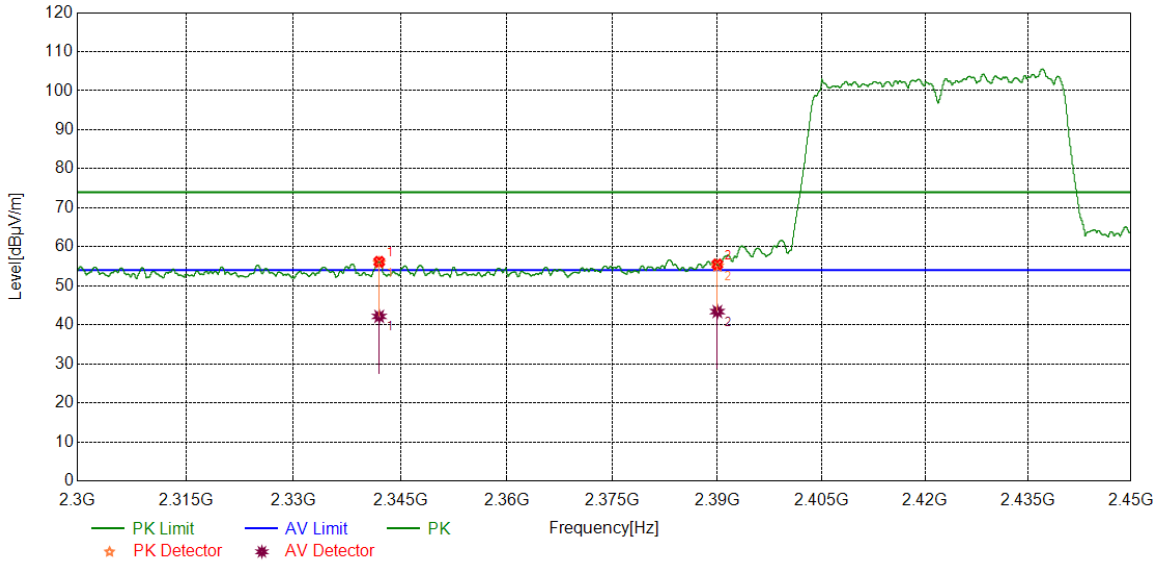


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2362.4828	42.55	12.81	55.36	74.00	-18.64	peak
		28.73	12.81	41.54	54.00	-12.46	average
2	2390.0000	40.93	13.07	54.00	74.00	-20	peak
		29..15	13.07	53.64	54.00	-0.36	average

- Note:
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  3. Measurement = Reading Level + Correct Factor.
  4. 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
11N HT40	LCH	Vertical	PASS

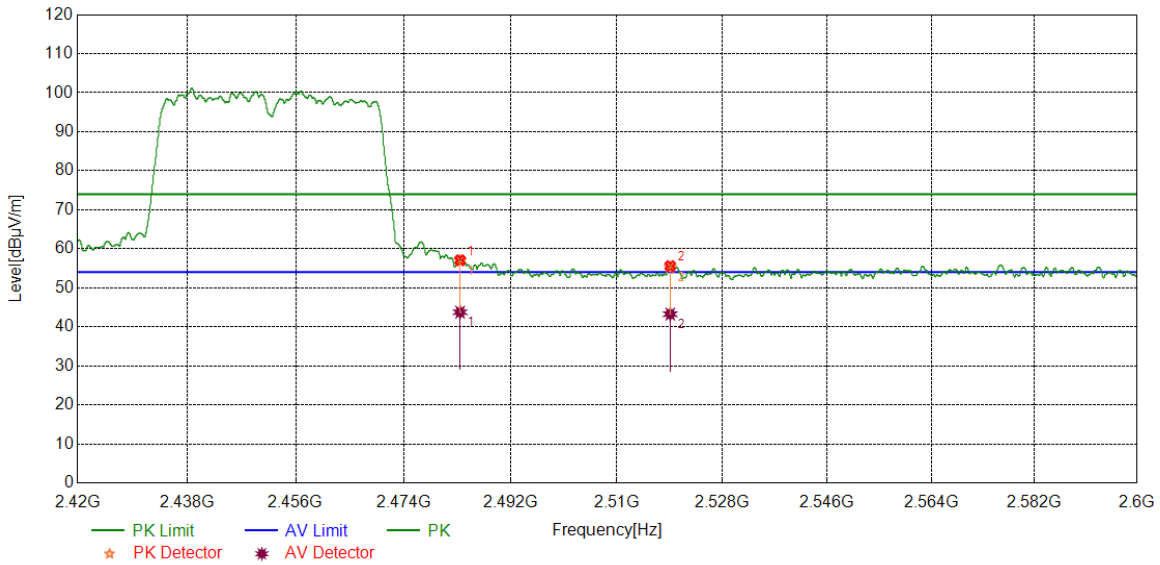


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2342.0053	43.56	12.61	56.17	74.00	-17.83	peak
		29.56	12.61	42.17	54.00	-11.83	average
2	2390.0000	42.43	13.07	55.50	74.00	-18.50	peak
		30.33	13.07	43.40	54.00	-10.60	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11N HT40	HCH	Horizontal	PASS

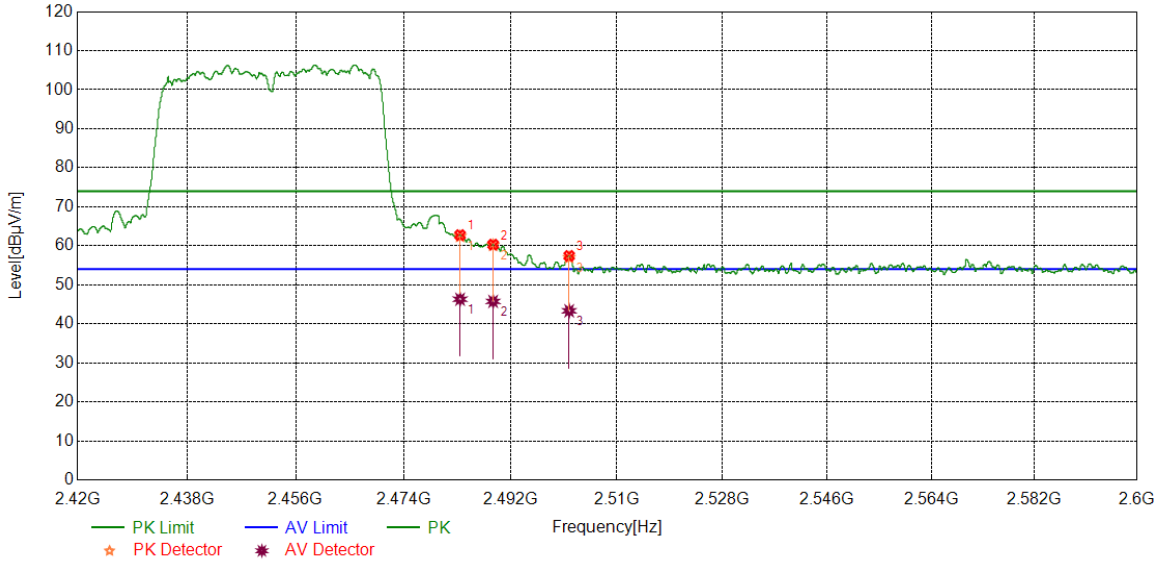


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	44.10	12.97	57.07	74.00	-16.93	peak
		30.78	12.97	43.75	54.00	-10.25	average
2	2519.0799	42.36	13.22	55.58	74.00	-18.42	peak
		30.04	13.22	43.26	54.00	-10.74	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. 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
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	49.79	12.97	62.76	74.00	-11.24	peak
		33.34	12.97	46.31	54.00	-7.69	average
2	2489.0611	47.31	12.99	60.30	74.00	-13.7	peak
		32.76	12.99	45.75	54.00	-8.25	average
3	2501.9102	44.27	13.15	57.42	74.00	-16.58	peak
		30.19	13.15	43.34	54.00	-10.66	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



### 7.6.3.SPURIOUS EMISSIONS

Test Result Table:  
1) For 1GHz~3GHz

Test Mode	Channel	P <sub>uw</sub> (dBm)	Verdict
11B SISO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G SISO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20 MIMO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40 MIMO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

2) For 3GHz~18GHz

Test Mode	Channel	P <sub>uw</sub> (dBm)	Verdict
11B SISO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G SISO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20 MIMO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40 MIMO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS





3) For 18GHz~26.5GHz

Test Mode	Channel	Puw(dBm)	Verdict
11N20 MIMO	LCH	<Limit	PASS

Remark:

1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

4) For 30MHz~1GHz

Test Mode	Channel	Puw(dBm)	Verdict
11N20 MIMO	LCH	<Limit	PASS

Remark:

1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

5) For 9KHz~30MHz

Test Mode	Channel	Puw(dBm)	Verdict
11N20 MIMO	LCH	<Limit	PASS

Remark:

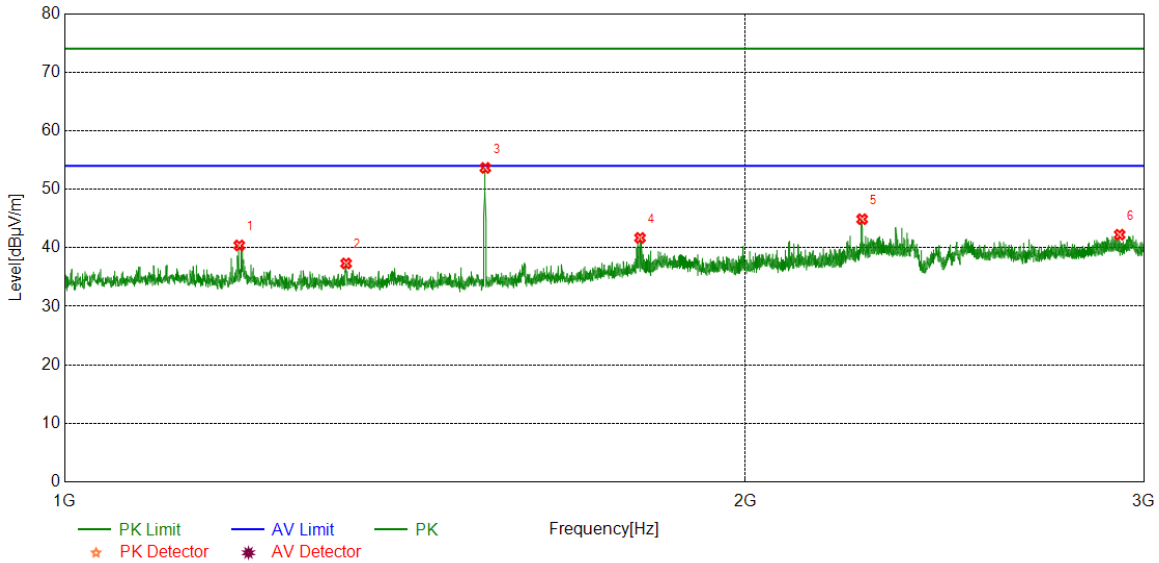
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.



**Part I: 1GHz~3GHz**

**HARMONICS AND SPURIOUS EMISSIONS**

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

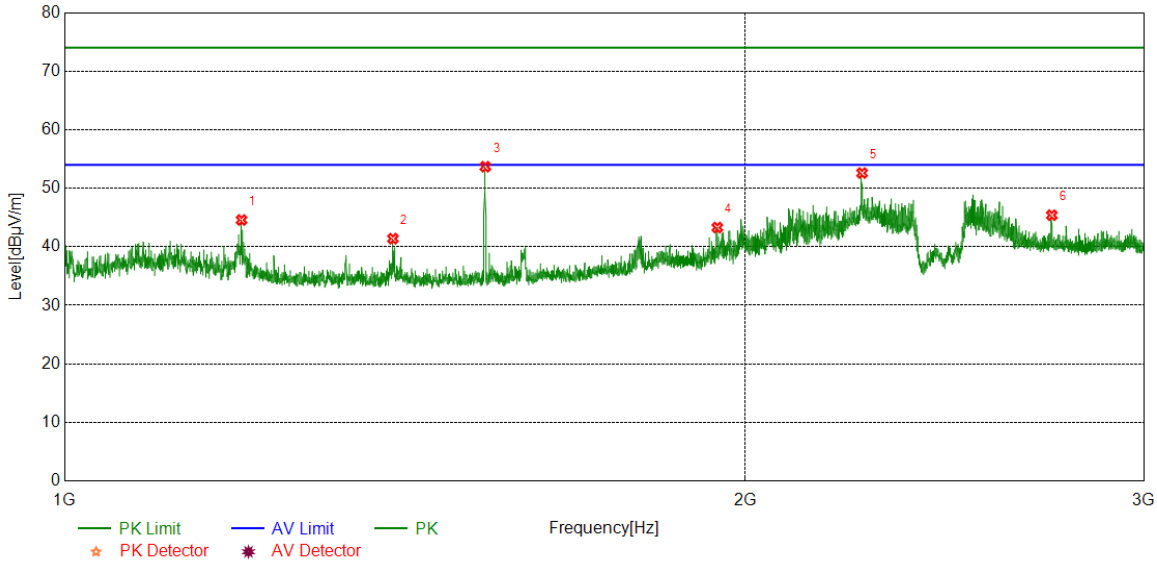


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	45.97	-5.57	40.40	74.00	-33.60	peak
2	1332.0415	43.01	-5.68	37.33	74.00	-36.67	peak
3	1534.8169	59.41	-5.76	53.65	74.00	-20.35	peak
4	1796.5996	45.50	-3.81	41.69	74.00	-32.31	peak
5	2252.4066	46.97	-2.08	44.89	74.00	-29.11	peak
6	2927.2409	41.68	0.56	42.24	74.00	-31.76	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11B	LCH	Vertical	PASS

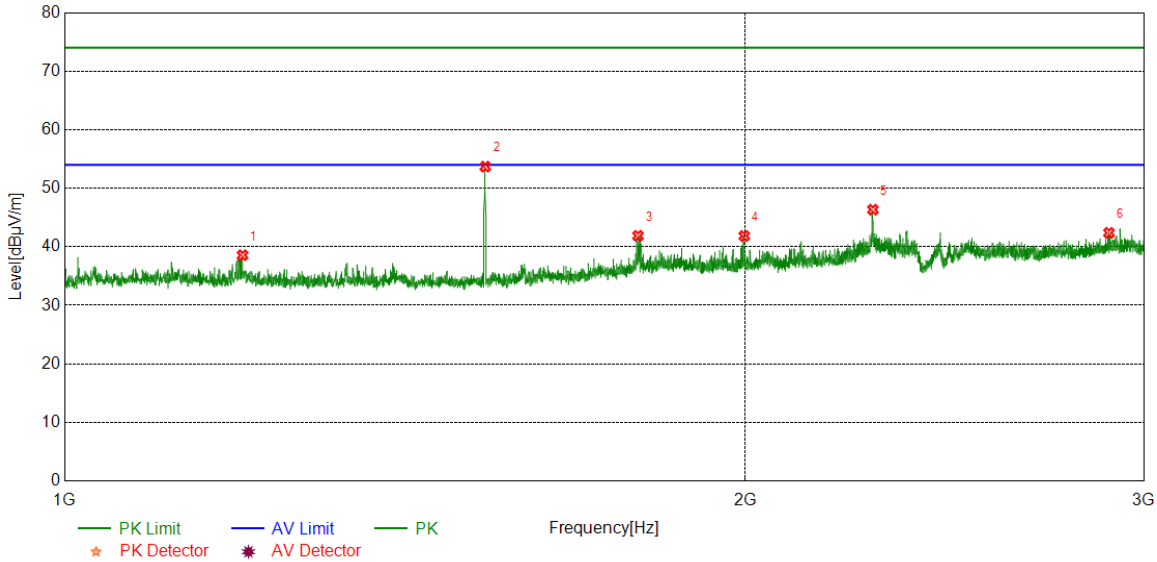


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.5247	50.14	-5.56	44.58	74.00	-29.42	peak
2	1397.0496	47.08	-5.69	41.39	74.00	-32.61	peak
3	1534.8169	59.44	-5.76	53.68	74.00	-20.32	peak
4	1943.6180	46.33	-3.04	43.29	74.00	-30.71	peak
5	2252.1565	54.68	-2.08	52.60	74.00	-21.40	peak
6	2731.9665	45.89	-0.49	45.40	74.00	-28.60	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11B	MCH	Horizontal	PASS

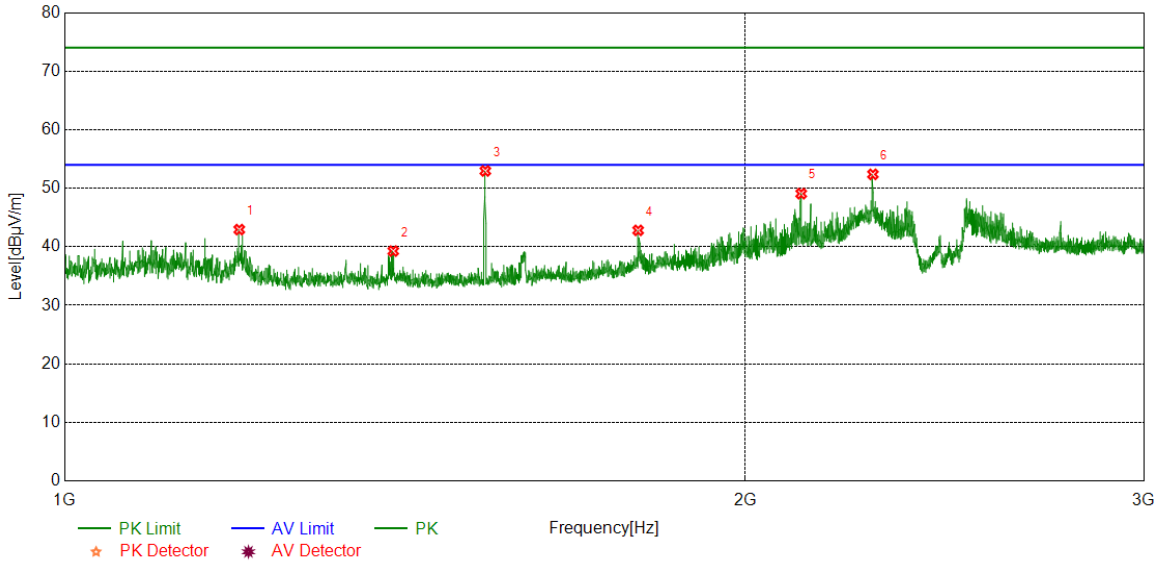


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.7748	44.12	-5.56	38.56	74.00	-35.44	peak
2	1534.8169	59.46	-5.76	53.70	74.00	-20.30	peak
3	1792.8491	45.65	-3.77	41.88	74.00	-32.12	peak
4	1997.6247	44.86	-3.01	41.85	74.00	-32.15	peak
5	2277.1596	48.33	-1.99	46.34	74.00	-27.66	peak
6	2895.7370	41.96	0.42	42.38	74.00	-31.62	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11B	MCH	Vertical	PASS

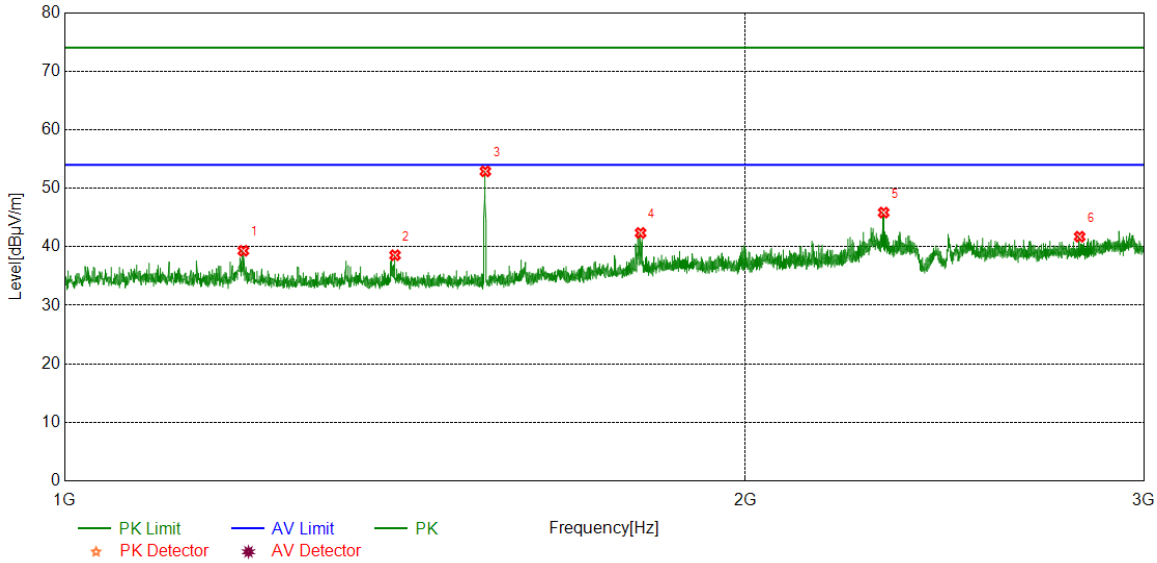


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	48.51	-5.57	42.94	74.00	-31.06	peak
2	1397.5497	44.95	-5.68	39.27	74.00	-34.73	peak
3	1534.8169	58.72	-5.76	52.96	74.00	-21.04	peak
4	1793.0991	46.58	-3.77	42.81	74.00	-31.19	peak
5	2116.8896	51.53	-2.45	49.08	74.00	-24.92	peak
6	2277.1596	54.37	-1.99	52.38	74.00	-21.62	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11B	HCH	Horizontal	PASS

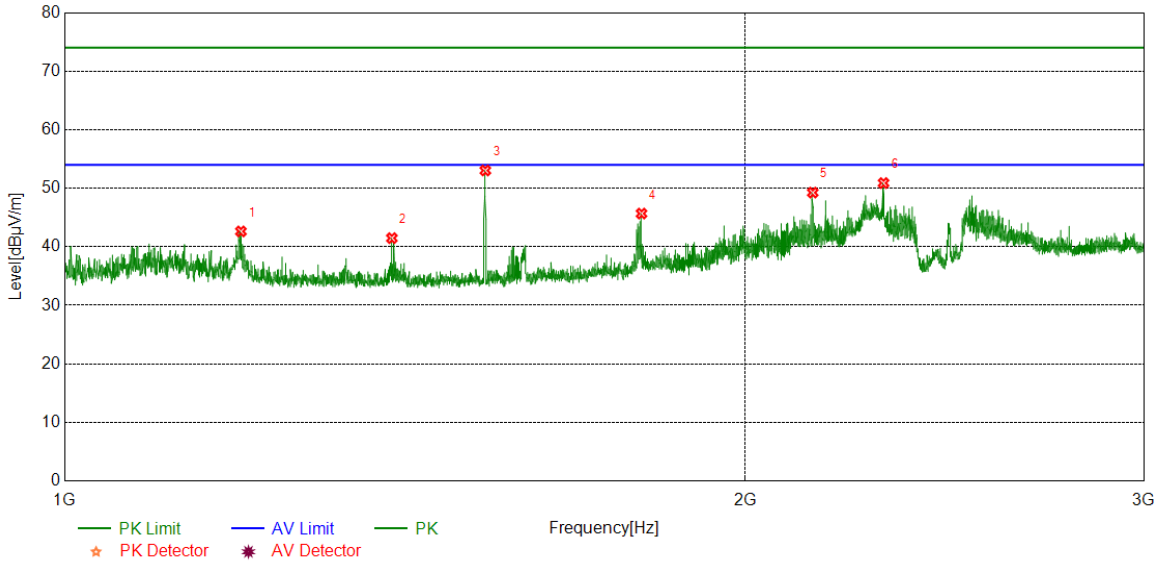


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.7750	44.88	-5.56	39.32	74.00	-34.68	peak
2	1400.0500	44.21	-5.65	38.56	74.00	-35.44	peak
3	1534.8169	58.65	-5.76	52.89	74.00	-21.11	peak
4	1797.5997	46.19	-3.82	42.37	74.00	-31.63	peak
5	2302.1628	47.66	-1.81	45.85	74.00	-28.15	peak
6	2810.4763	41.96	-0.23	41.73	74.00	-32.27	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11B	HCH	Vertical	PASS

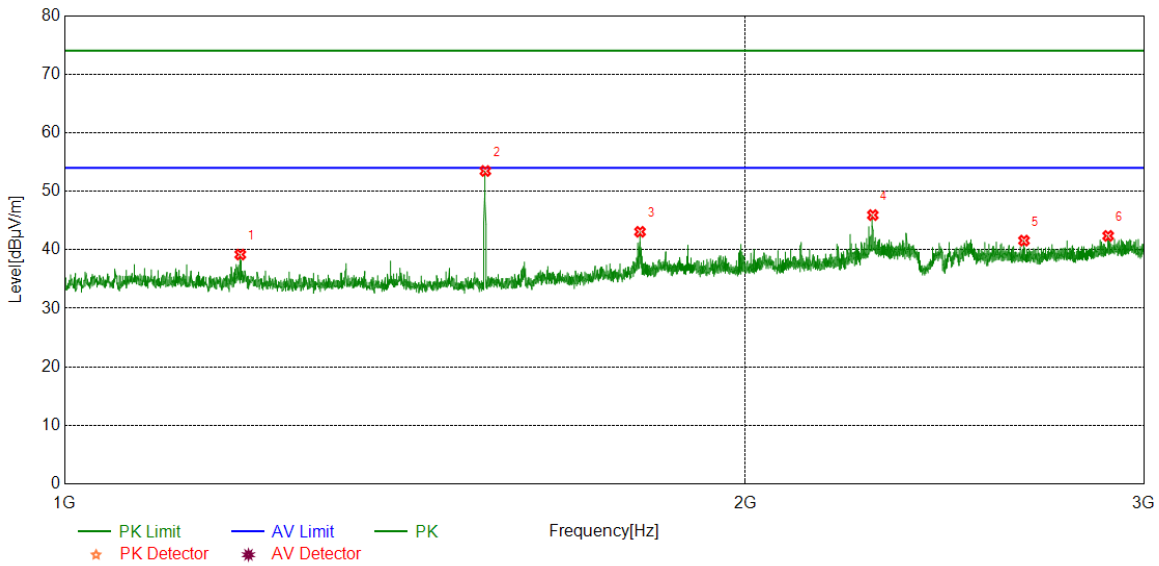


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.7746	48.19	-5.56	42.63	74.00	-31.37	peak
2	1395.5494	47.19	-5.71	41.48	74.00	-32.52	peak
3	1534.8169	58.80	-5.76	53.04	74.00	-20.96	peak
4	1799.3499	49.52	-3.84	45.68	74.00	-28.32	peak
5	2141.8927	51.64	-2.38	49.26	74.00	-24.74	peak
6	2301.9127	52.71	-1.82	50.89	74.00	-23.11	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11G	LCH	Horizontal	PASS



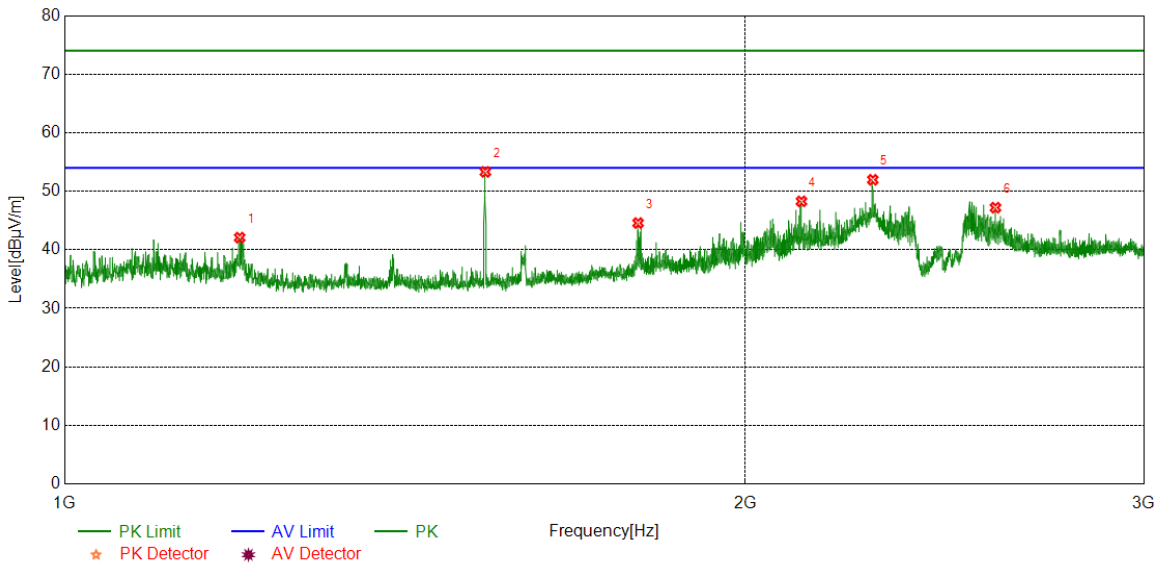
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	44.75	-5.56	39.19	74.00	-34.81	peak
2	1534.8169	59.22	-5.76	53.46	74.00	-20.54	peak
3	1796.5996	46.88	-3.81	43.07	74.00	-30.93	peak
4	2276.9096	47.92	-1.99	45.93	74.00	-28.07	peak
5	2655.7070	42.29	-0.72	41.57	74.00	-32.43	peak
6	2893.2367	41.90	0.48	42.38	74.00	-31.62	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11G	LCH	Vertical	PASS

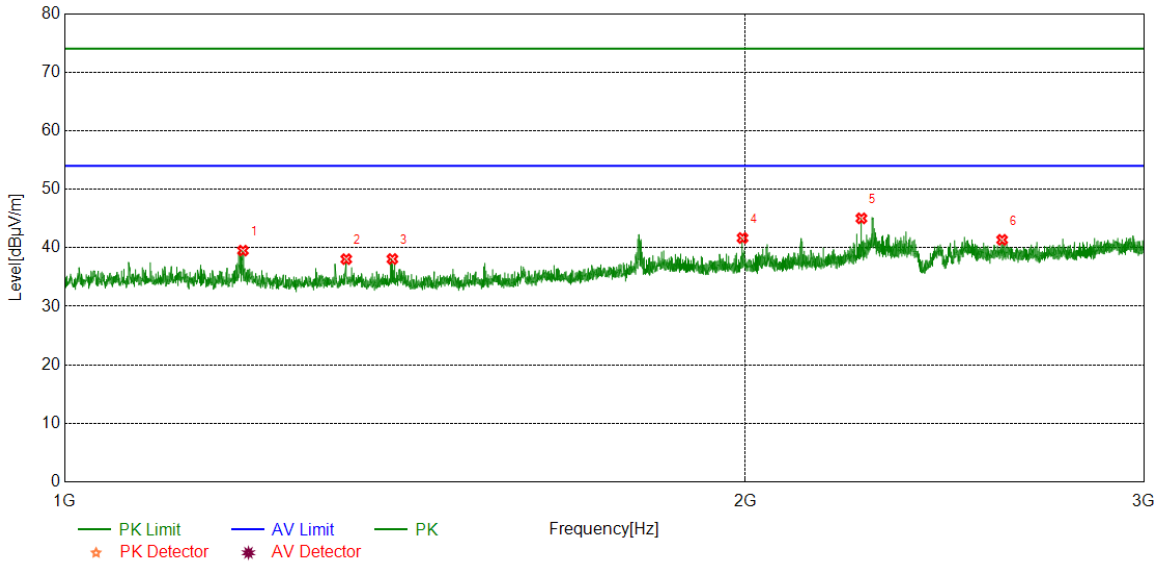


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.2744	47.65	-5.57	42.08	74.00	-31.92	peak
2	1534.8169	59.07	-5.76	53.31	74.00	-20.69	peak
3	1793.0991	48.35	-3.77	44.58	74.00	-29.42	peak
4	2117.3897	50.72	-2.44	48.28	74.00	-25.72	peak
5	2276.9096	53.95	-1.99	51.96	74.00	-22.04	peak
6	2579.6975	48.17	-0.97	47.20	74.00	-26.80	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11G	MCH	Horizontal	PASS

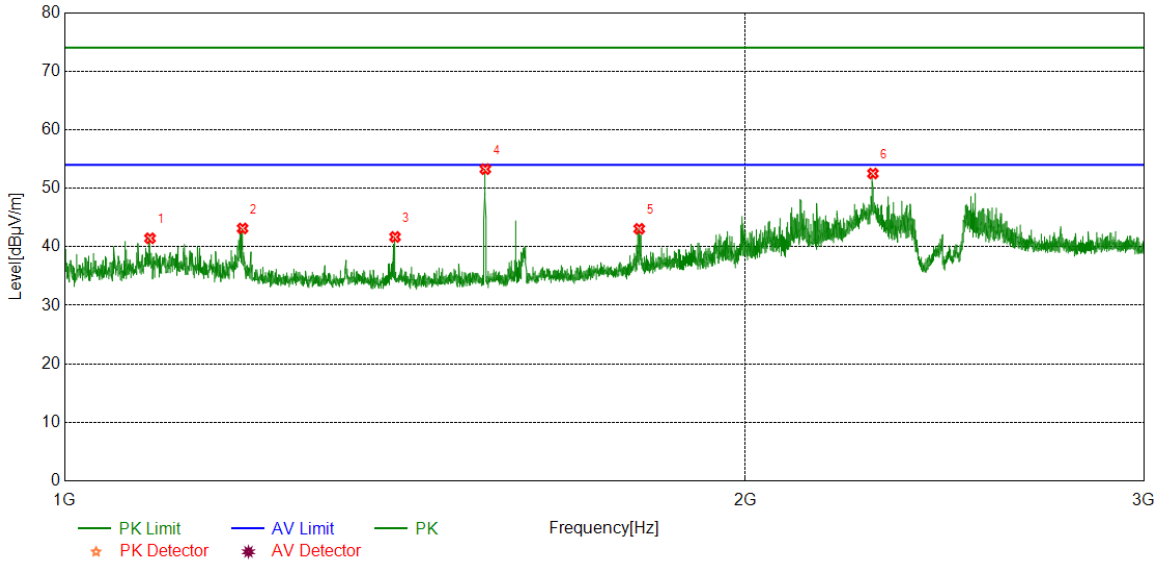


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.2749	45.08	-5.56	39.52	74.00	-34.48	peak
2	1332.2915	43.74	-5.68	38.06	74.00	-35.94	peak
3	1396.2995	43.78	-5.70	38.08	74.00	-35.92	peak
4	1994.1243	44.72	-3.05	41.67	74.00	-32.33	peak
5	2250.6563	47.10	-2.07	45.03	74.00	-28.97	peak
6	2597.1997	42.09	-0.73	41.36	74.00	-32.64	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11G	MCH	Vertical	PASS

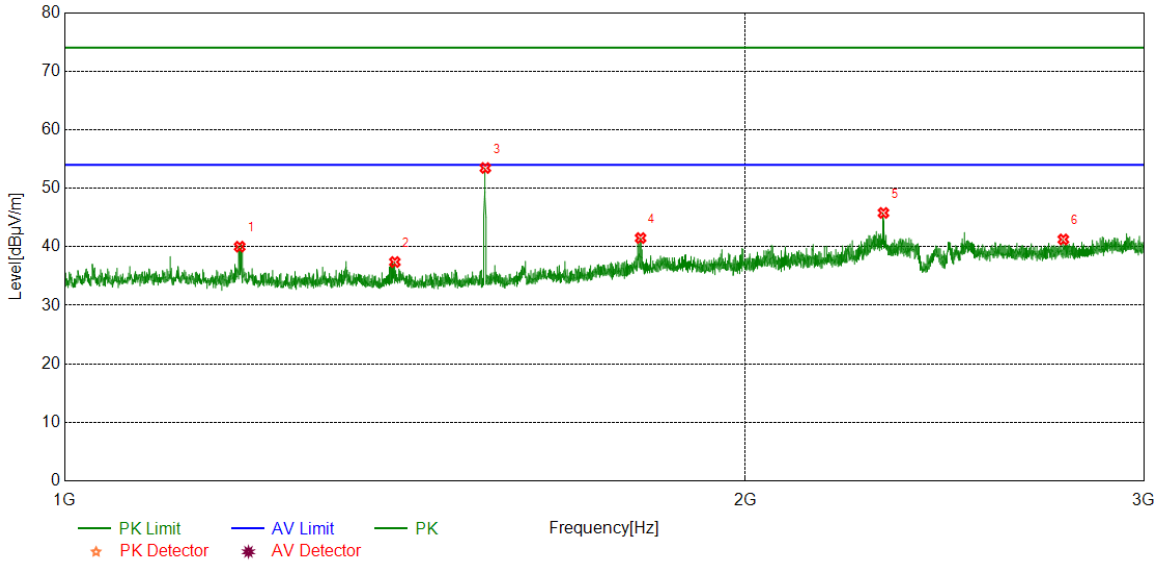


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1091.0114	47.05	-5.60	41.45	74.00	-32.55	peak
2	1198.7748	48.70	-5.56	43.14	74.00	-30.86	peak
3	1400.0500	47.33	-5.65	41.68	74.00	-32.32	peak
4	1534.8169	59.03	-5.76	53.27	74.00	-20.73	peak
5	1795.0994	46.86	-3.79	43.07	74.00	-30.93	peak
6	2277.1596	54.51	-1.99	52.52	74.00	-21.48	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11G	HCH	Horizontal	PASS

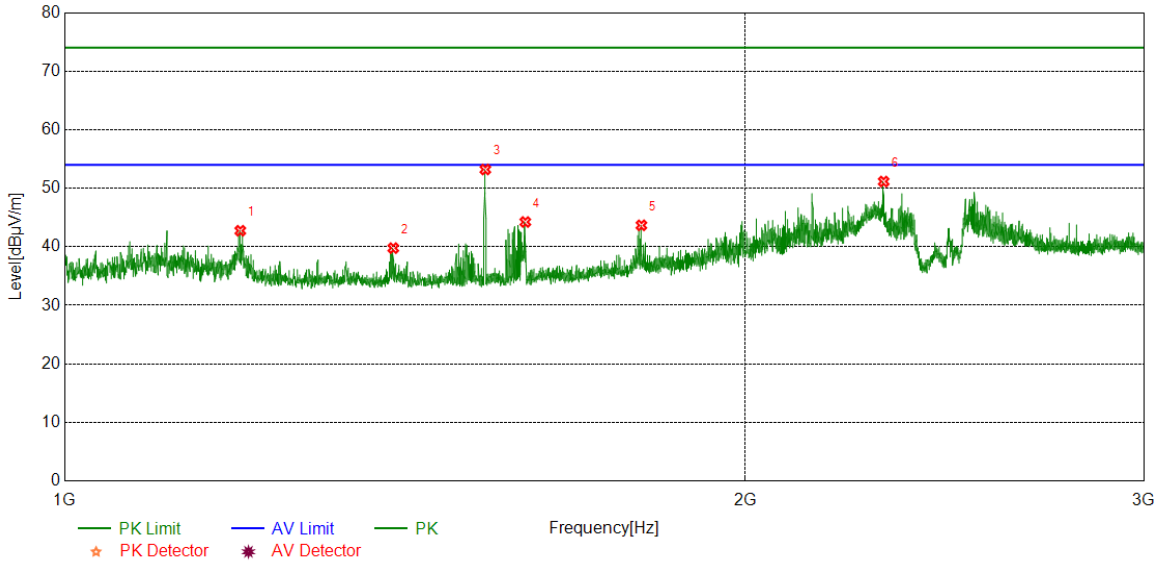


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.2744	45.59	-5.57	40.02	74.00	-33.98	peak
2	1399.8000	43.06	-5.66	37.40	74.00	-36.60	peak
3	1534.8169	59.22	-5.76	53.46	74.00	-20.54	peak
4	1797.5997	45.31	-3.82	41.49	74.00	-32.51	peak
5	2301.6627	47.61	-1.82	45.79	74.00	-28.21	peak
6	2764.2205	41.51	-0.25	41.26	74.00	-32.74	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11G	HCH	Vertical	PASS

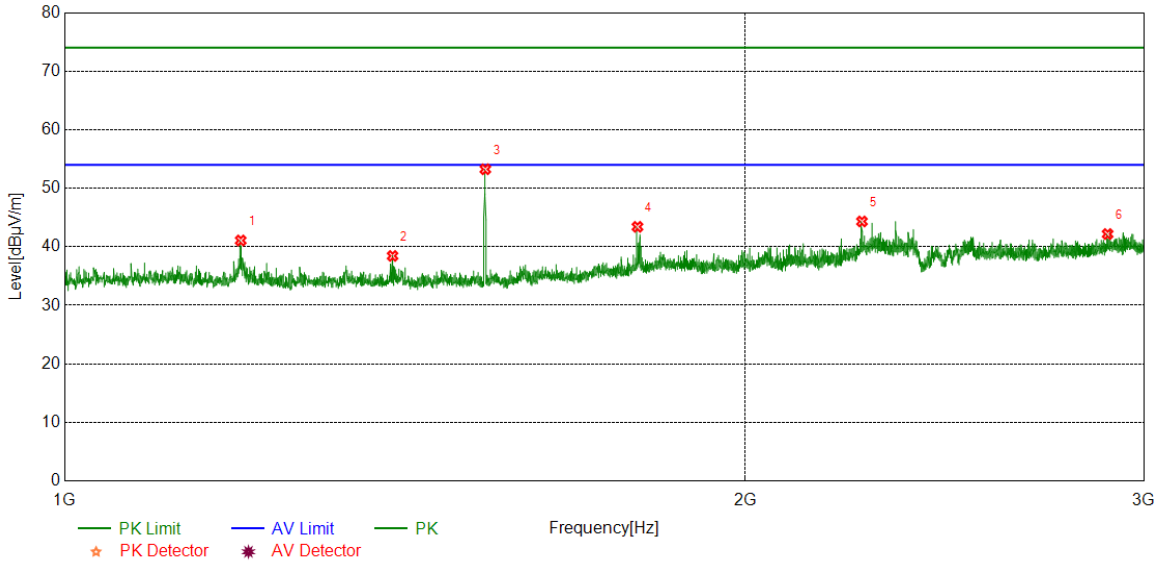


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	48.30	-5.56	42.74	74.00	-31.26	peak
2	1397.5497	45.46	-5.68	39.78	74.00	-34.22	peak
3	1534.8169	58.97	-5.76	53.21	74.00	-20.79	peak
4	1598.5748	49.39	-5.15	44.24	74.00	-29.76	peak
5	1799.0999	47.51	-3.84	43.67	74.00	-30.33	peak
6	2302.1628	52.96	-1.81	51.15	74.00	-22.85	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT20	LCH	Horizontal	PASS

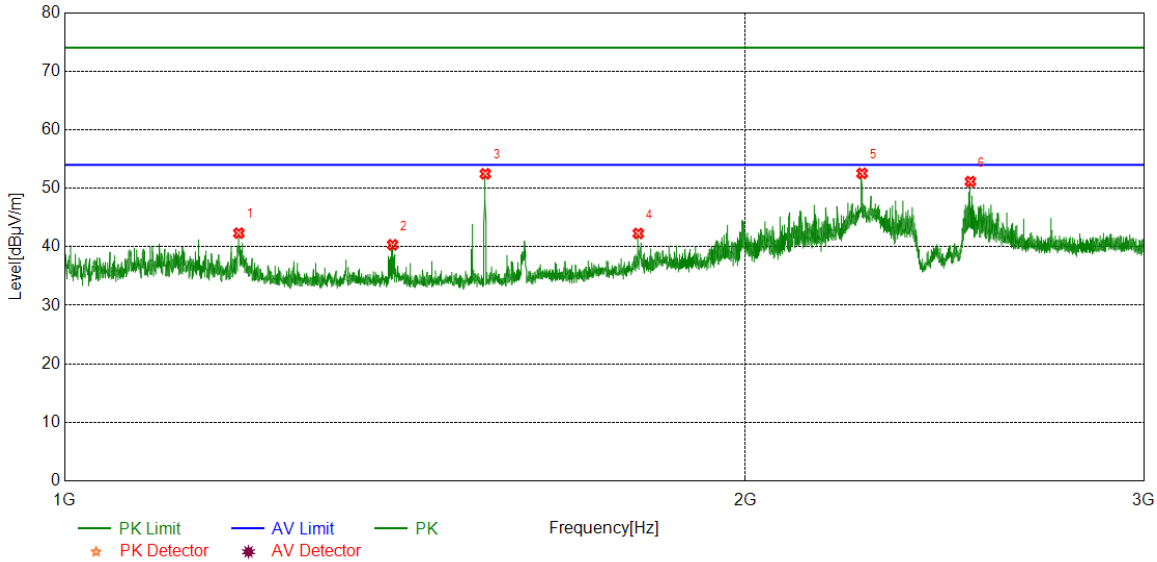


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.5246	46.64	-5.56	41.08	74.00	-32.92	peak
2	1396.5496	44.14	-5.70	38.44	74.00	-35.56	peak
3	1534.8169	59.01	-5.76	53.25	74.00	-20.75	peak
4	1791.8490	47.17	-3.76	43.41	74.00	-30.59	peak
5	2251.9065	46.41	-2.08	44.33	74.00	-29.67	peak
6	2891.7365	41.67	0.51	42.18	74.00	-31.82	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT20	LCH	Vertical	PASS

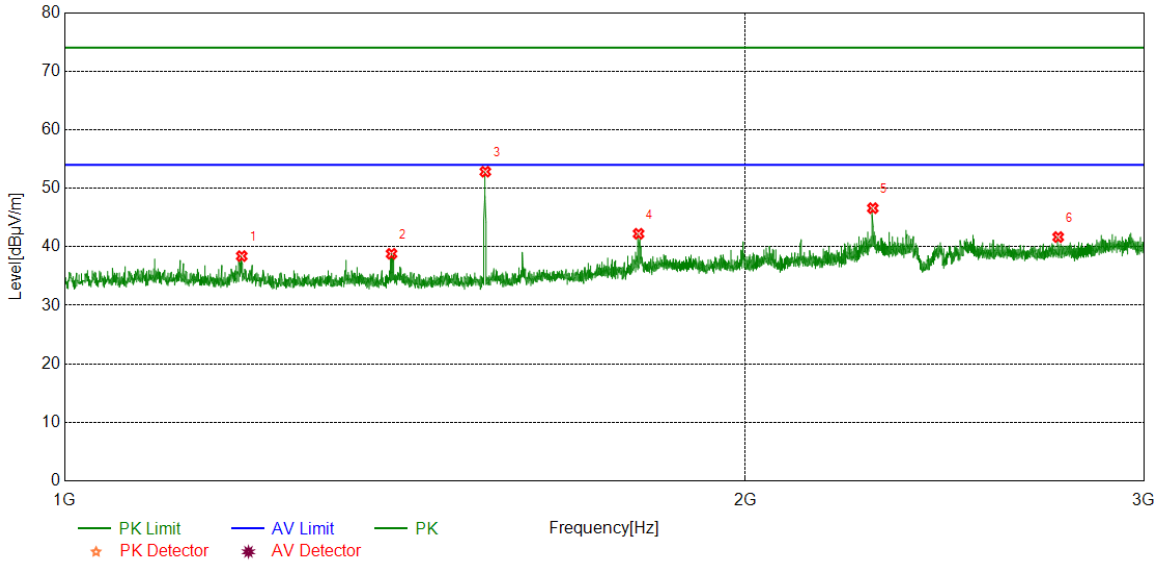


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.2743	47.90	-5.57	42.33	74.00	-31.67	peak
2	1396.5496	46.04	-5.70	40.34	74.00	-33.66	peak
3	1534.8169	58.23	-5.76	52.47	74.00	-21.53	peak
4	1793.3492	46.05	-3.77	42.28	74.00	-31.72	peak
5	2252.1565	54.62	-2.08	52.54	74.00	-21.46	peak
6	2514.6893	51.50	-0.36	51.14	74.00	-22.86	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT20	MCH	Horizontal	PASS



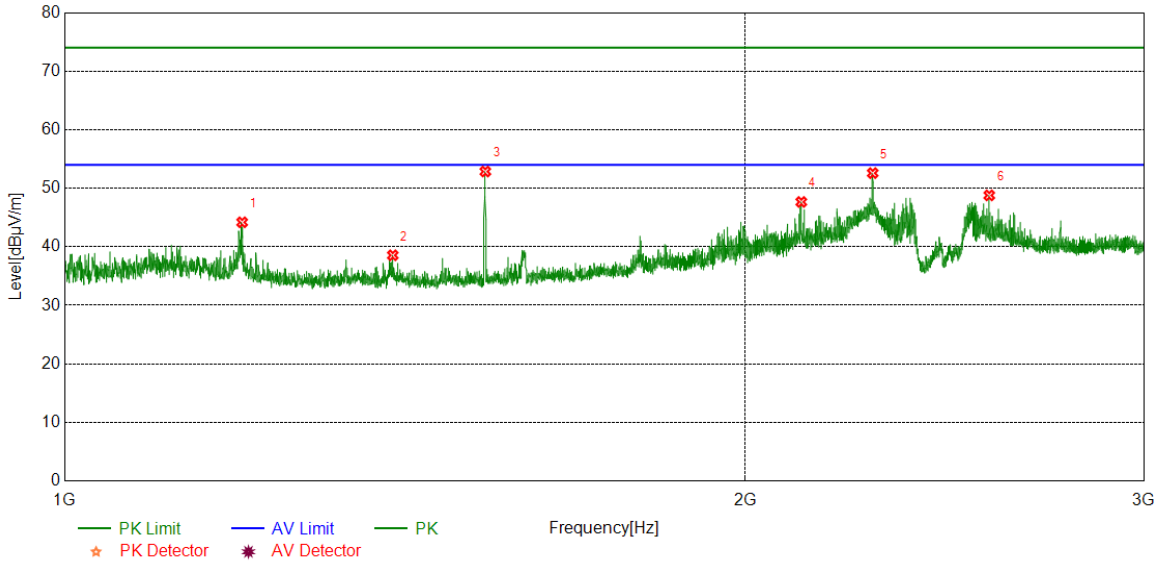
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.7747	43.97	-5.56	38.41	74.00	-35.59	peak
2	1395.0494	44.52	-5.72	38.80	74.00	-35.20	peak
3	1534.8169	58.59	-5.76	52.83	74.00	-21.17	peak
4	1793.8492	46.01	-3.78	42.23	74.00	-31.77	peak
5	2276.9096	48.59	-1.99	46.60	74.00	-27.40	peak
6	2749.7187	42.10	-0.44	41.66	74.00	-32.34	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT20	MCH	Vertical	PASS

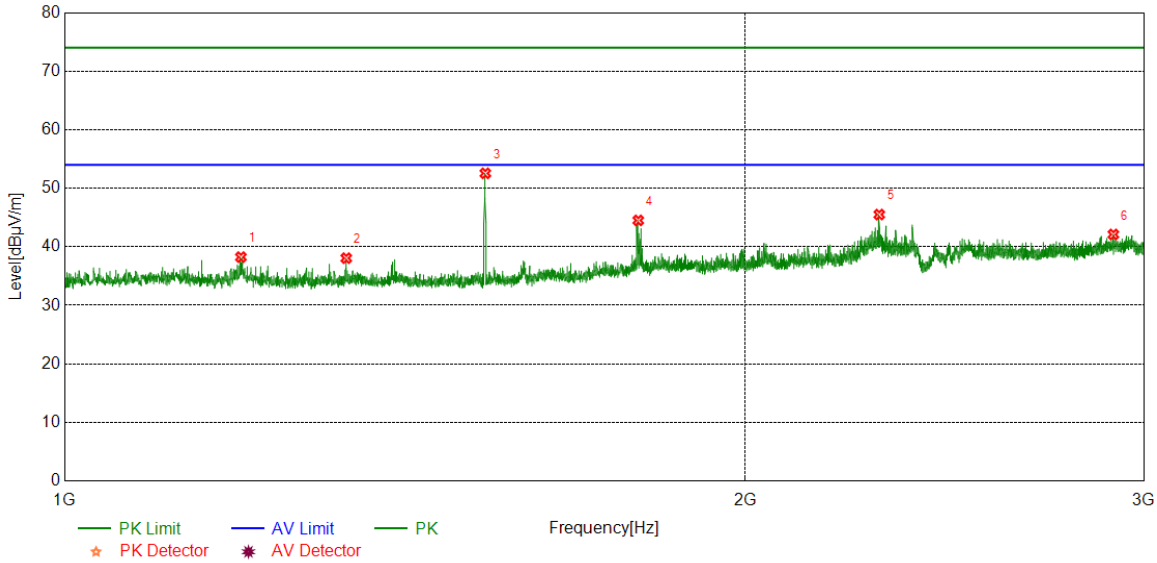


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.2748	49.75	-5.56	44.19	74.00	-29.81	peak
2	1396.7996	44.24	-5.69	38.55	74.00	-35.45	peak
3	1534.8169	58.62	-5.76	52.86	74.00	-21.14	peak
4	2117.1396	50.11	-2.45	47.66	74.00	-26.34	peak
5	2276.6596	54.58	-1.99	52.59	74.00	-21.41	peak
6	2563.4454	49.70	-0.91	48.79	74.00	-25.21	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT20	HCH	Horizontal	PASS

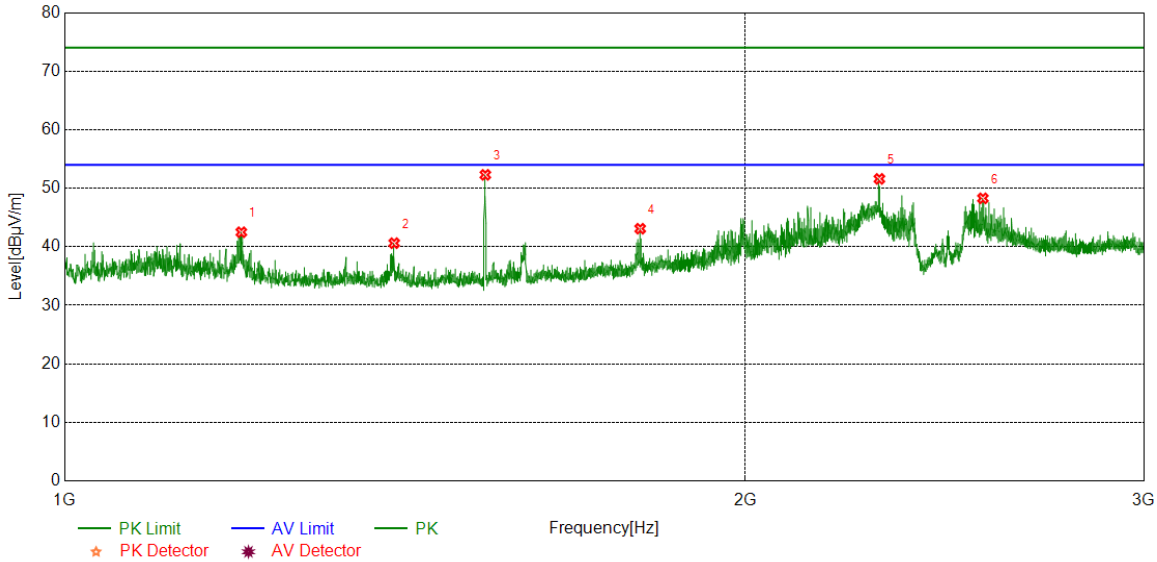


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.7746	43.80	-5.56	38.24	74.00	-35.76	peak
2	1332.2915	43.74	-5.68	38.06	74.00	-35.94	peak
3	1534.8169	58.31	-5.76	52.55	74.00	-21.45	peak
4	1793.3492	48.28	-3.77	44.51	74.00	-29.49	peak
5	2291.9115	47.43	-1.92	45.51	74.00	-28.49	peak
6	2908.7386	41.69	0.42	42.11	74.00	-31.89	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT20	HCH	Vertical	PASS

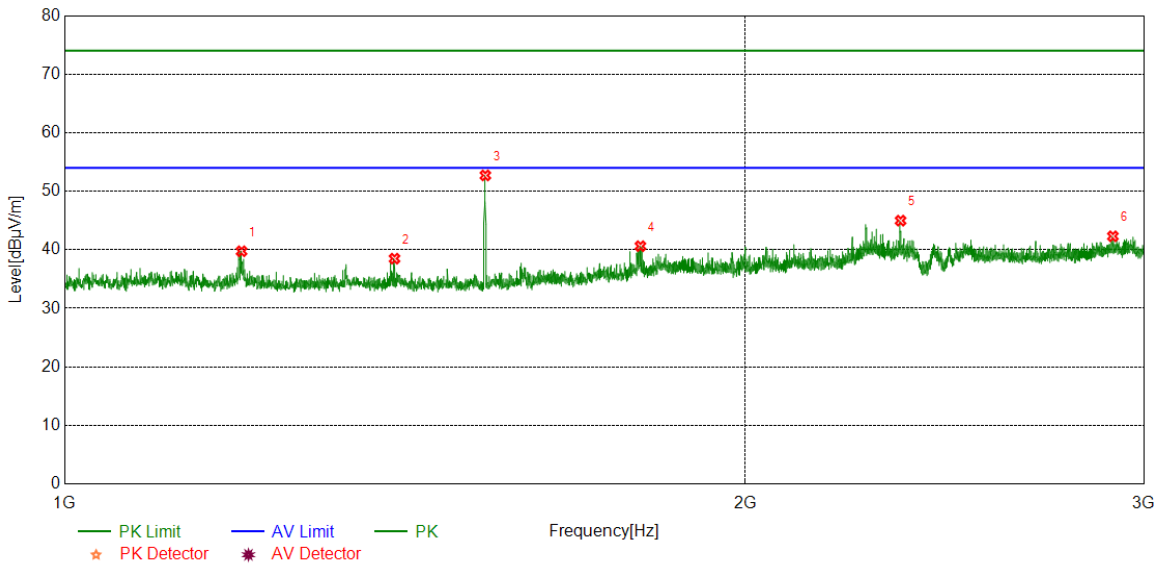


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.2747	48.05	-5.56	42.49	74.00	-31.51	peak
2	1398.7999	46.29	-5.67	40.62	74.00	-33.38	peak
3	1534.8169	58.05	-5.76	52.29	74.00	-21.71	peak
4	1796.8496	46.90	-3.81	43.09	74.00	-30.91	peak
5	2292.1615	53.52	-1.92	51.60	74.00	-22.40	peak
6	2546.9434	49.26	-0.98	48.28	74.00	-25.72	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT40	LCH	Horizontal	PASS

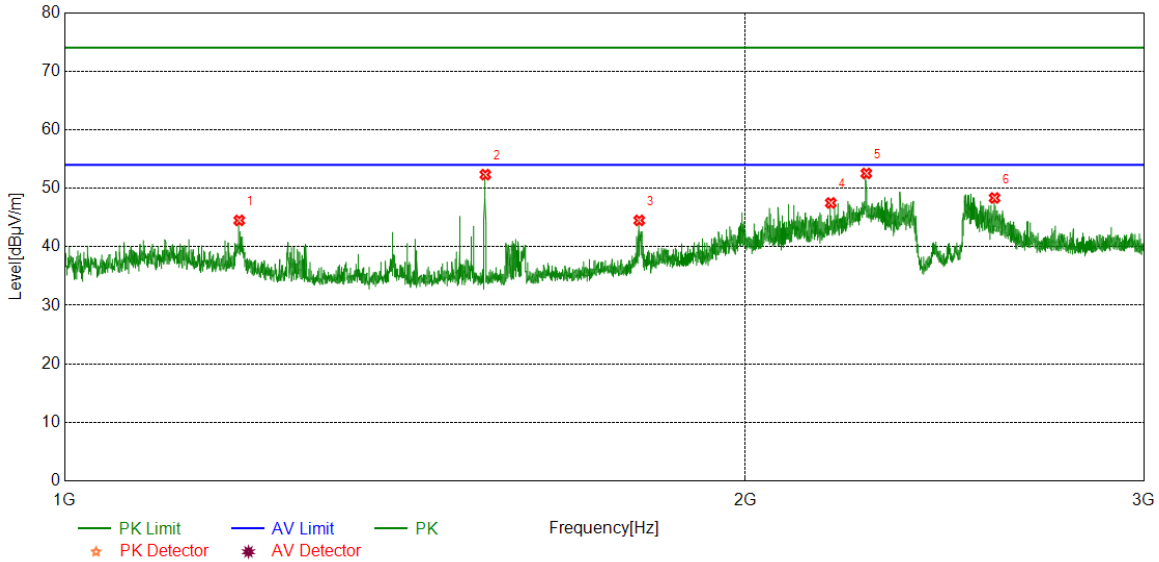


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.5247	45.31	-5.56	39.75	74.00	-34.25	peak
2	1399.2999	44.15	-5.66	38.49	74.00	-35.51	peak
3	1534.8169	58.47	-5.76	52.71	74.00	-21.29	peak
4	1797.3497	44.44	-3.82	40.62	74.00	-33.38	peak
5	2342.1678	46.76	-1.78	44.98	74.00	-29.02	peak
6	2907.2384	41.90	0.41	42.31	74.00	-31.69	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT40	LCH	Vertical	PASS

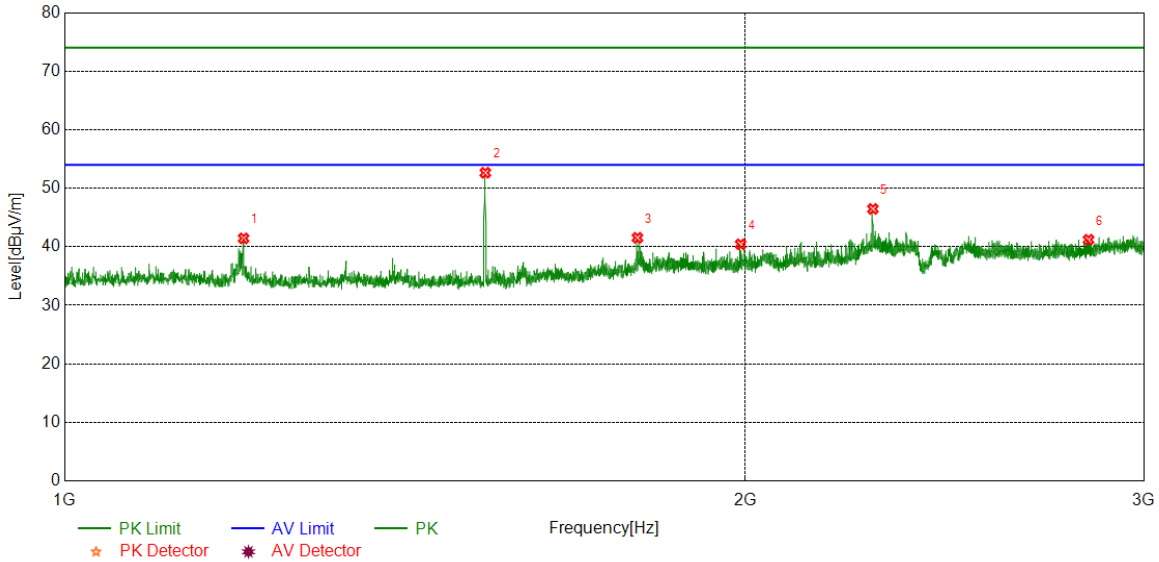


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	50.08	-5.57	44.51	74.00	-29.49	peak
2	1534.8169	58.09	-5.76	52.33	74.00	-21.67	peak
3	1795.0994	48.30	-3.79	44.51	74.00	-29.49	peak
4	2181.6477	49.82	-2.33	47.49	74.00	-26.51	peak
5	2261.9077	54.65	-2.11	52.54	74.00	-21.46	peak
6	2577.4472	49.27	-0.93	48.34	74.00	-25.66	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT40	MCH	Horizontal	PASS

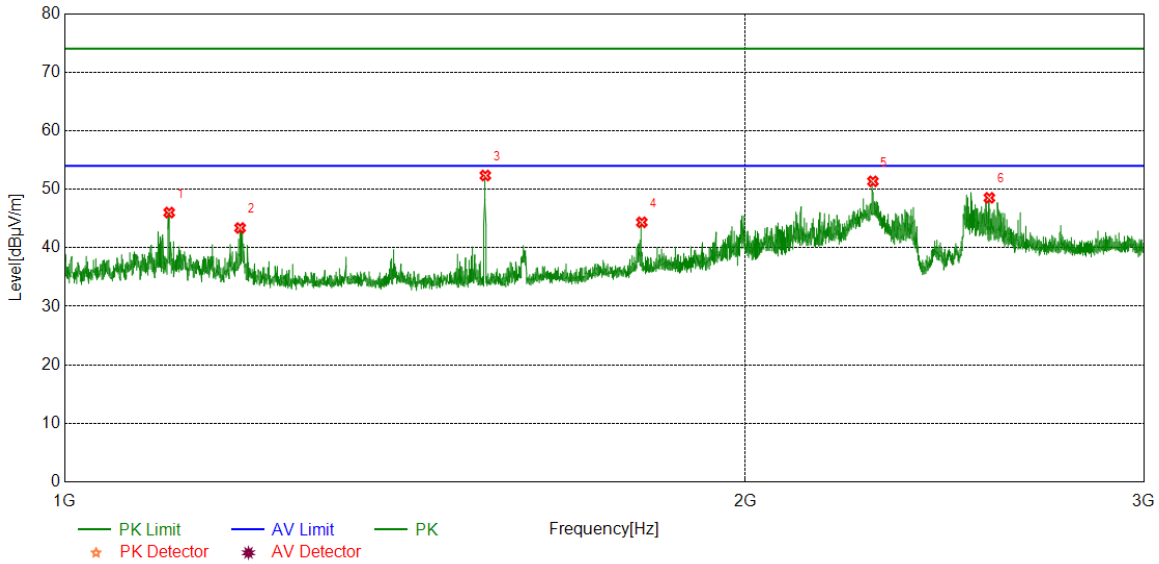


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1200.0250	47.00	-5.56	41.44	74.00	-32.56	peak
2	1534.8169	58.41	-5.76	52.65	74.00	-21.35	peak
3	1791.8490	45.30	-3.76	41.54	74.00	-32.46	peak
4	1990.3738	43.52	-3.09	40.43	74.00	-33.57	peak
5	2277.1596	48.46	-1.99	46.47	74.00	-27.53	peak
6	2835.9795	41.18	0.03	41.21	74.00	-32.79	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT40	MCH	Vertical	PASS

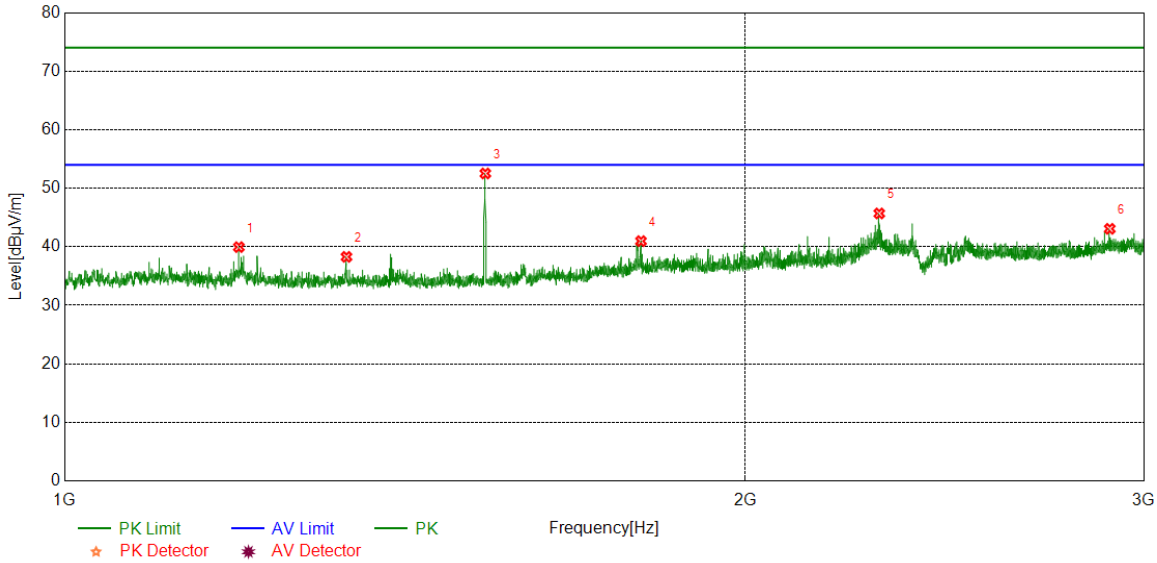


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1112.5141	51.52	-5.50	46.02	74.00	-27.98	peak
2	1195.7745	48.94	-5.56	43.38	74.00	-30.62	peak
3	1534.8169	58.11	-5.76	52.35	74.00	-21.65	peak
4	1799.8500	48.19	-3.84	44.35	74.00	-29.65	peak
5	2277.1596	53.34	-1.99	51.35	74.00	-22.65	peak
6	2563.6955	49.45	-0.91	48.54	74.00	-25.46	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT40	HCH	Horizontal	PASS



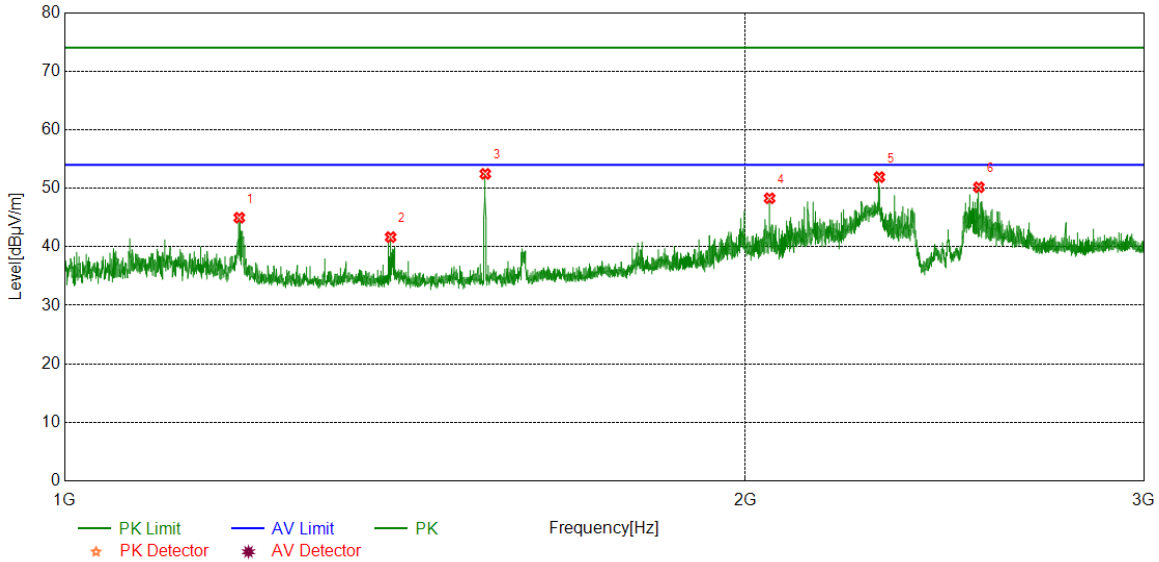
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.2743	45.52	-5.57	39.95	74.00	-34.05	peak
2	1332.5416	43.95	-5.67	38.28	74.00	-35.72	peak
3	1534.8169	58.29	-5.76	52.53	74.00	-21.47	peak
4	1798.3498	44.80	-3.83	40.97	74.00	-33.03	peak
5	2291.9115	47.62	-1.92	45.70	74.00	-28.30	peak
6	2897.9872	42.69	0.38	43.07	74.00	-30.93	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	50.54	-5.57	44.97	74.00	-29.03	peak
2	1393.7992	47.38	-5.73	41.65	74.00	-32.35	peak
3	1534.8169	58.22	-5.76	52.46	74.00	-21.54	peak
4	2049.8812	50.67	-2.38	48.29	74.00	-25.71	peak
5	2291.9115	53.83	-1.92	51.91	74.00	-22.09	peak
6	2536.4421	51.05	-0.88	50.17	74.00	-23.83	peak

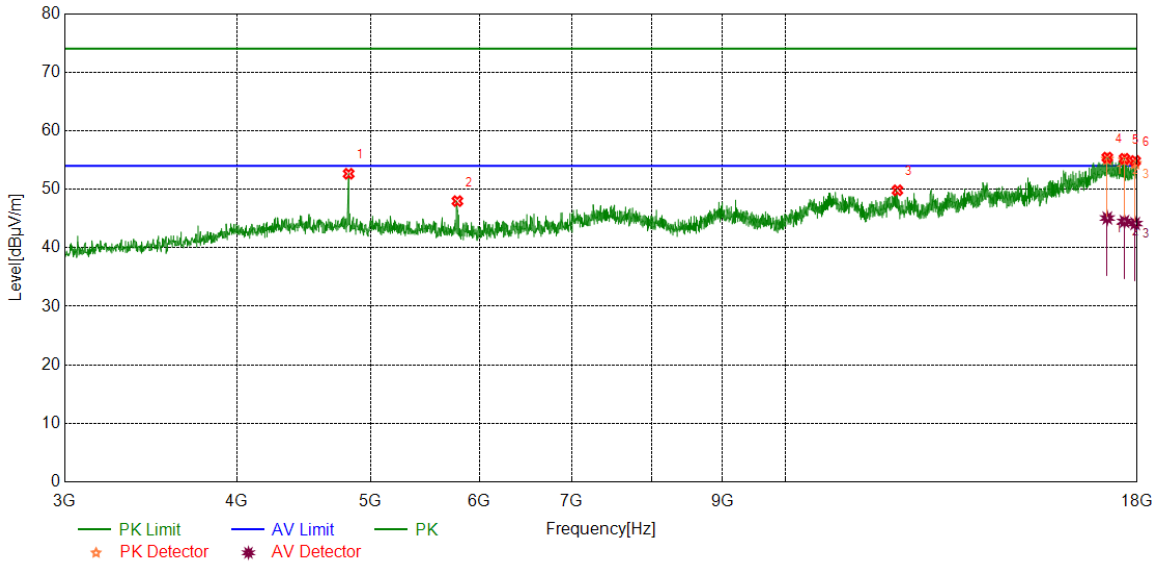
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter 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: 3GHz~18GHz**

**HARMONICS AND SPURIOUS EMISSIONS**

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

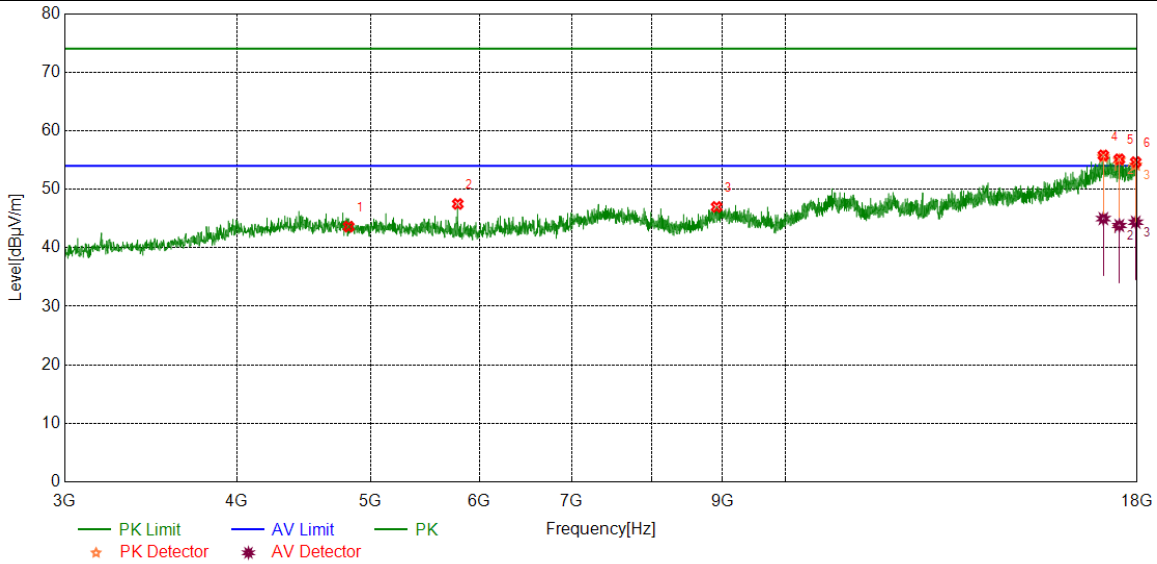


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4822.7278	47.30	5.35	52.65	74.00	-21.35	peak
2	5782.8479	42.71	5.27	47.98	74.00	-26.02	peak
3	12059.2574	37.21	12.61	49.82	74.00	-24.18	peak
		37.42	17.99	55.41	74.00	-18.59	peak
4	17122.3903	27.09	17.99	45.08	54.00	-8.92	average
		37.57	17.64	55.21	74.00	-18.79	peak
5	17619.3274	26.86	17.64	44.50	54.00	-9.50	average
		36.58	18.25	54.83	74.00	-19.17	peak
6	17938.1173	25.89	18.25	44.14	54.00	-9.86	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 refer to section 7.1.  
 6. For above 3GHz 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
11B	LCH	Vertical	PASS

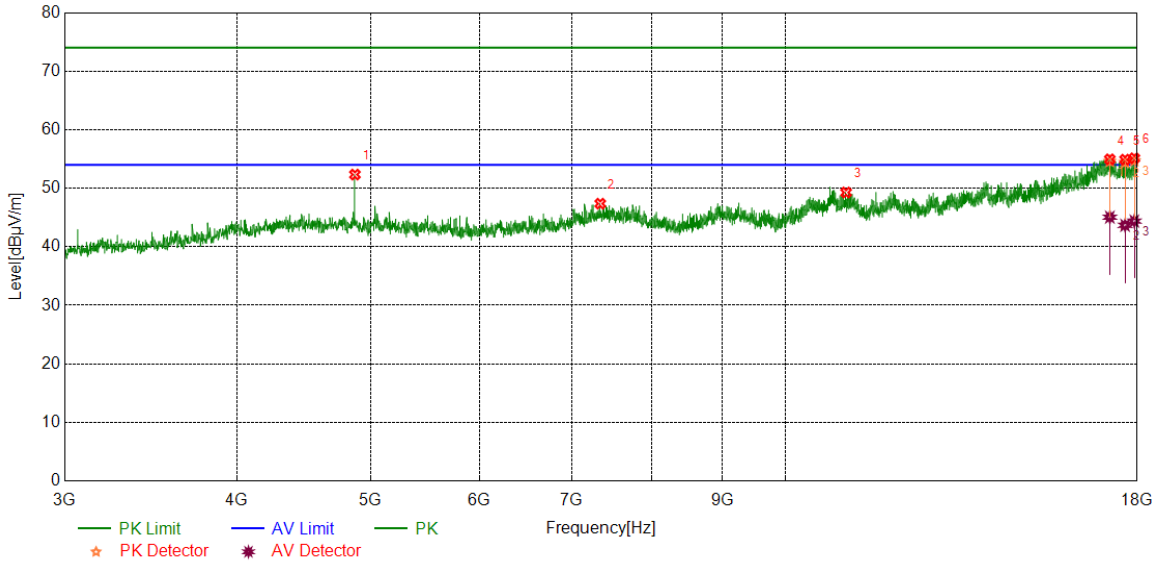


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4822.7278	38.26	5.35	43.61	74.00	-30.39	peak
2	5786.5983	42.24	5.25	47.49	74.00	-26.51	peak
3	8916.3645	38.42	8.56	46.98	74.00	-27.02	peak
4	17009.8762	37.27	18.52	55.79	74.00	-18.21	peak
		26.46	18.52	44.98	54.00	-9.02	average
5	17469.3087	37.37	17.75	55.12	74.00	-18.88	peak
		26.06	17.75	43.81	54.00	-10.19	average
6	17954.9944	36.11	18.52	54.63	74.00	-19.37	peak
		25.85	18.52	44.37	54.00	-9.63	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 refer to section 7.1.  
 6. For above 3GHz 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
11B	MCH	Horizontal	PASS

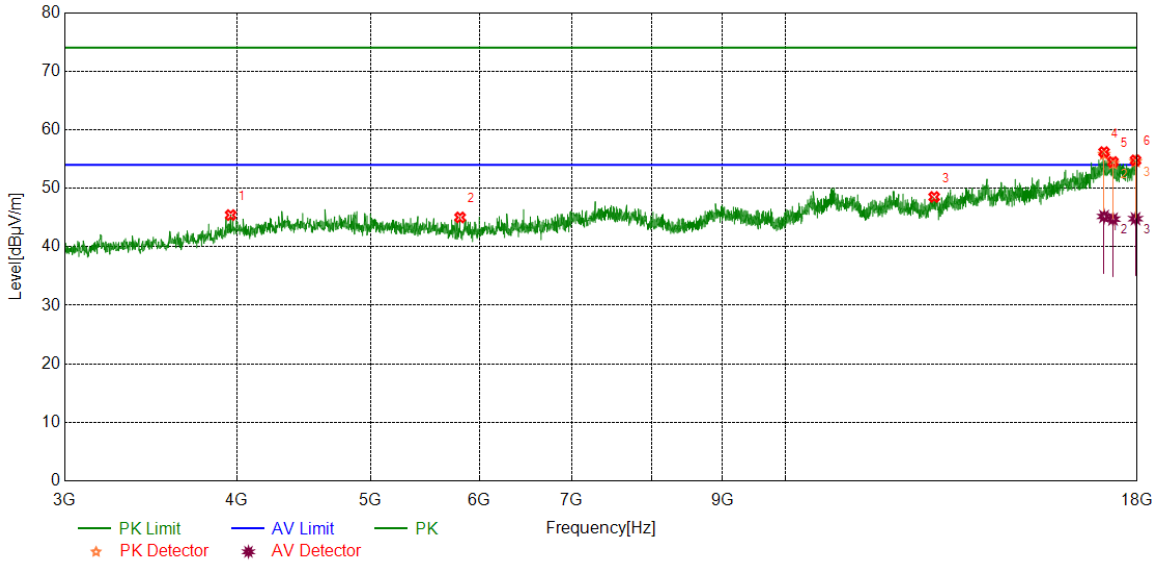


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	47.02	5.32	52.34	74.00	-21.66	peak
2	7341.1676	38.81	8.56	47.37	74.00	-26.63	peak
3	11069.1336	37.13	12.15	49.28	74.00	-24.72	peak
4	17195.5244	36.66	18.28	54.94	74.00	-19.06	peak
		26.78	18.28	45.06	54.00	-8.94	average
5	17638.0798	37.30	17.59	54.89	74.00	-19.11	peak
		26.08	17.59	43.67	54.00	-10.33	average
6	17913.7392	37.04	18.09	55.13	74.00	-18.87	peak
		26.30	18.09	44.39	54.00	-9.61	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For above 3GHz 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
11B	MCH	Vertical	PASS

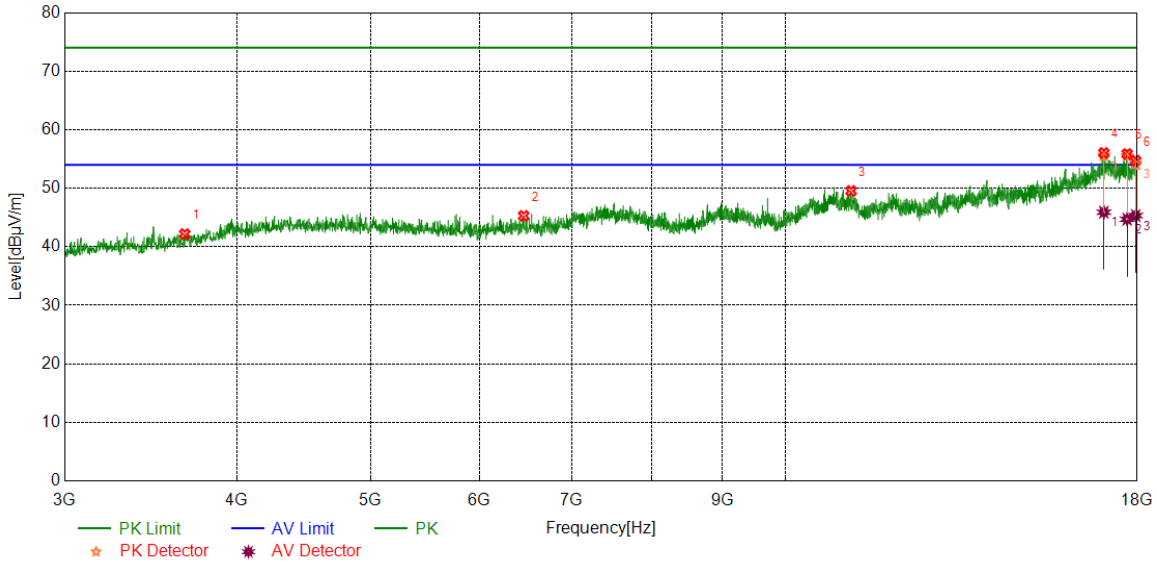


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3960.1200	40.90	4.52	45.42	74.00	-28.58	peak
2	5809.1011	39.67	5.35	45.02	74.00	-28.98	peak
3	12822.4778	36.76	11.75	48.51	74.00	-25.49	peak
4	17030.5038	37.15	19.03	56.18	74.00	-17.82	peak
		26.16	19.03	45.19	54.00	-8.81	average
5	17285.5357	36.73	17.76	54.49	74.00	-19.51	peak
		26.97	17.76	44.73	54.00	-9.27	average
6	17949.3687	36.22	18.55	54.77	74.00	-19.23	peak
		26.25	18.55	44.80	54.00	-9.20	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 refer to section 7.1.  
 6. For above 3GHz 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
11B	HCH	Horizontal	PASS

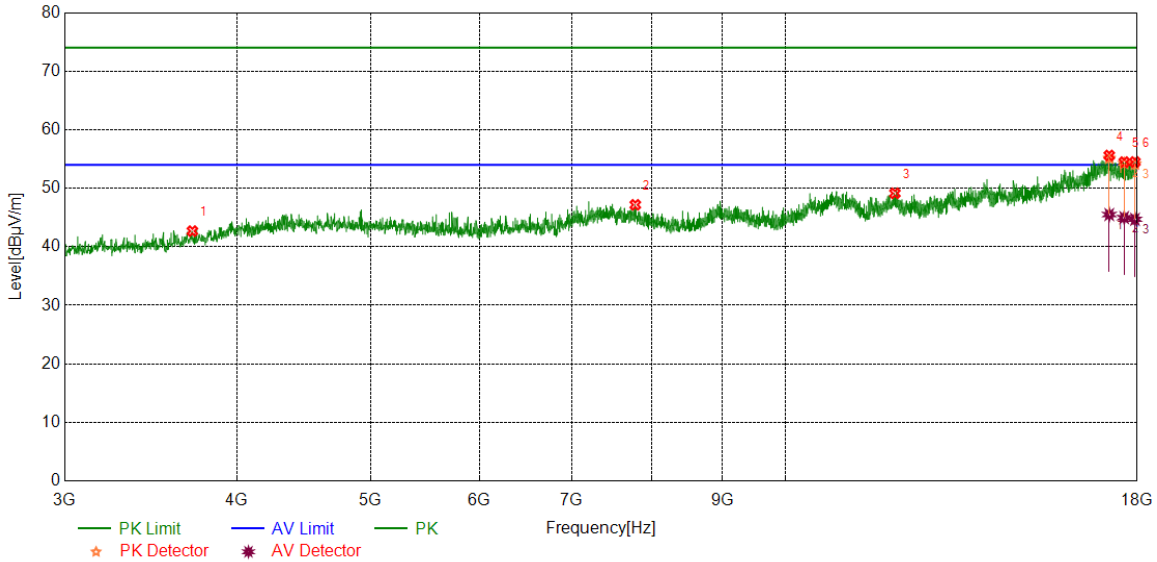


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3667.5834	39.56	2.62	42.18	74.00	-31.82	peak
2	6459.8075	37.91	7.38	45.29	74.00	-28.71	peak
3	11161.0201	37.50	12.04	49.54	74.00	-24.46	peak
4	17024.8781	37.35	18.68	56.03	74.00	-17.97	peak
		27.23	18.68	45.91	54.00	-8.09	average
5	17698.0873	38.06	17.80	55.86	74.00	-18.14	peak
		26.91	17.80	44.71	54.00	-9.29	average
6	17954.9944	36.18	18.52	54.70	74.00	-19.30	peak
		26.81	18.52	45.33	54.00	-8.67	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 refer to section 7.1.  
 6. For above 3GHz 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
11B	HCH	Vertical	PASS

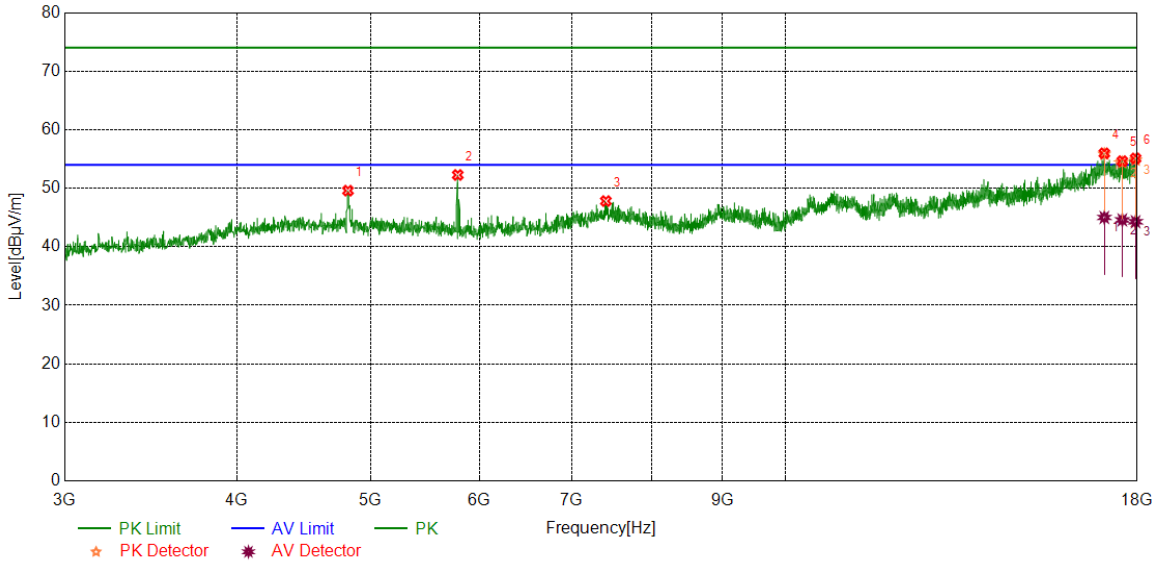


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3714.4643	39.48	3.20	42.68	74.00	-31.32	peak
2	7783.7230	39.08	8.09	47.17	74.00	-26.83	peak
3	12008.6261	36.40	12.74	49.14	74.00	-24.86	peak
4	17178.6473	37.51	18.09	55.60	74.00	-18.40	peak
		27.42	18.09	45.51	54.00	-8.49	average
5	17611.8265	36.65	17.82	54.47	74.00	-19.53	peak
		27.16	17.82	44.98	54.00	-9.02	average
6	17932.4916	36.31	18.18	54.49	74.00	-19.51	peak
		26.52	18.18	44.70	54.00	-9.30	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 refer to section 7.1.  
 6. For above 3GHz 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
11G	LCH	Horizontal	PASS



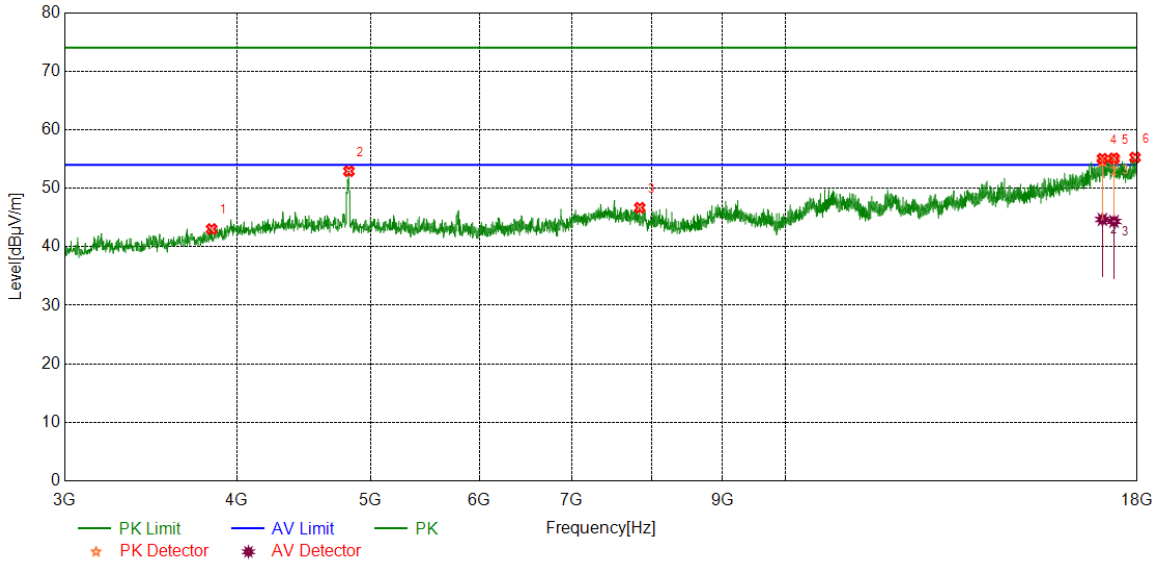
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4817.1021	44.33	5.26	49.59	74.00	-24.41	peak
2	5786.5983	47.02	5.25	52.27	74.00	-21.73	peak
3	7410.5513	39.15	8.66	47.81	74.00	-26.19	peak
4	17038.0048	37.05	18.92	55.97	74.00	-18.03	peak
		26.09	18.92	45.01	54.00	-8.99	average
5	17555.5694	36.65	17.98	54.63	74.00	-19.37	peak
		26.61	17.98	44.59	54.00	-9.41	average
6	17951.2439	36.54	18.56	55.10	74.00	-18.90	peak
		25.72	18.56	44.28	54.00	-9.72	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 refer to section 7.1.  
 6. For above 3GHz 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
11G	LCH	Vertical	PASS

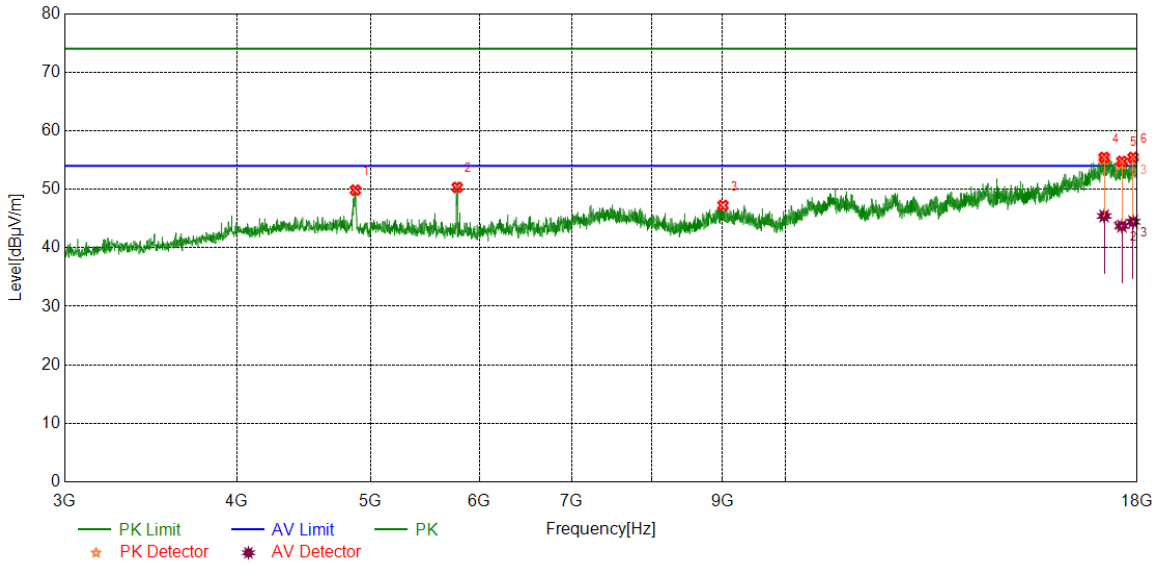


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3836.3545	39.53	3.50	43.03	74.00	-30.97	peak
2	4824.6031	47.51	5.40	52.91	74.00	-21.09	peak
3	7841.8552	38.83	7.84	46.67	74.00	-27.33	peak
4	16983.623	36.28	18.77	55.05	74.00	-18.95	peak
		25.90	18.77	44.67	54.00	-9.33	average
5	17315.5394	37.44	17.67	55.11	74.00	-18.89	peak
		25.98	18.77	44.75	54.00	-9.25	average
6	17934.3668	37.06	18.20	55.26	74.00	-18.74	peak
		26.67	17.67	44.34	54.00	-9.66	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For above 3GHz 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
11G	MCH	Horizontal	PASS

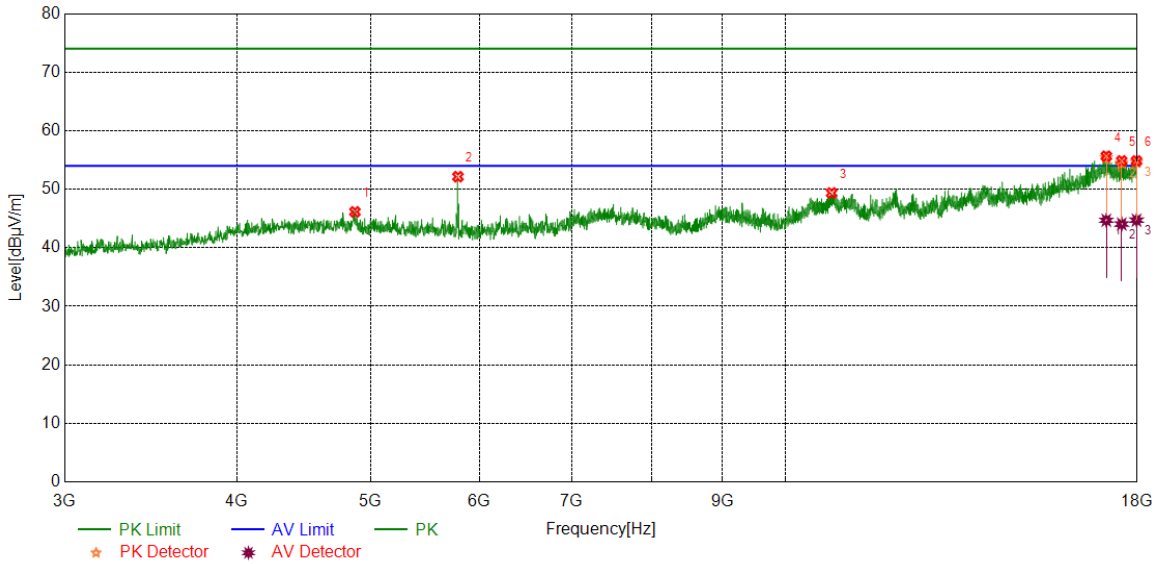


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4877.1096	44.52	5.33	49.85	74.00	-24.15	peak
2	5780.9726	45.03	5.29	50.32	74.00	-23.68	peak
3	9012.0015	38.12	9.12	47.24	74.00	-26.76	peak
4	17034.2543	36.46	18.97	55.43	74.00	-18.57	peak
		26.47	18.97	45.44	54.00	-8.56	average
5	17544.318	37.09	17.68	54.77	74.00	-19.23	peak
		26.03	17.68	43.71	54.00	-10.29	average
6	17874.3593	37.18	18.26	55.44	74.00	-18.56	peak
		26.19	18.26	44.45	54.00	-9.55	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 refer to section 7.1.  
 6. For above 3GHz 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
11G	MCH	Vertical	PASS

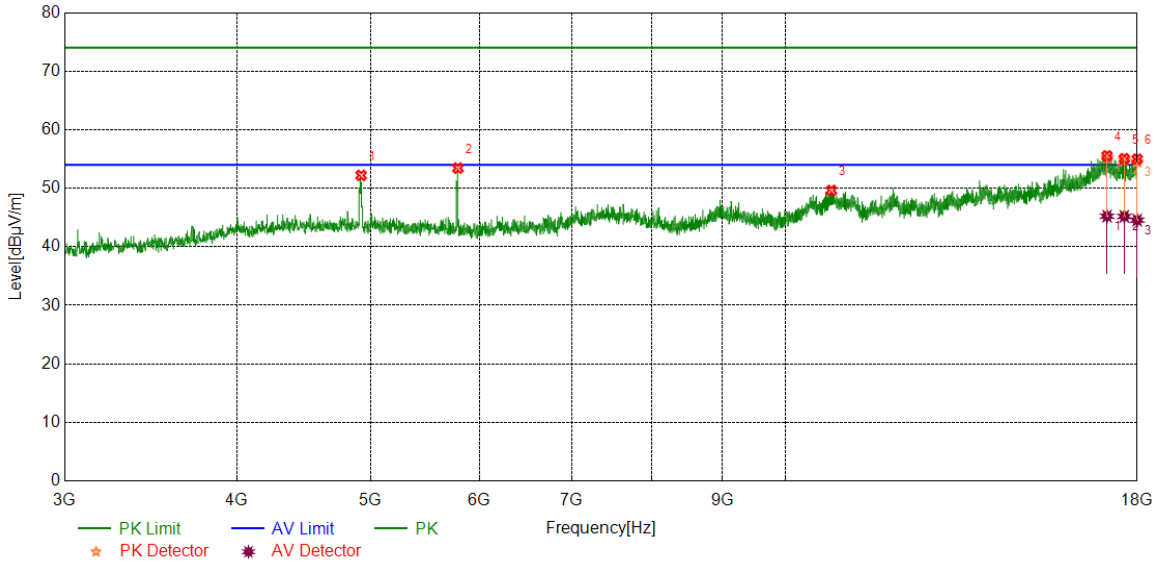


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	40.82	5.32	46.14	74.00	-27.86	peak
2	5788.4736	46.92	5.23	52.15	74.00	-21.85	peak
3	10804.7256	37.25	12.12	49.37	74.00	-24.63	peak
4	17094.2618	37.47	18.18	55.65	74.00	-18.35	peak
		26.52	18.18	44.70	54.00	-9.30	average
5	17538.6923	37.39	17.45	54.84	74.00	-19.16	peak
		26.61	17.45	44.06	54.00	-9.94	average
6	17979.3724	36.74	18.09	54.83	74.00	-19.17	peak
		26.63	18.09	44.72	54.00	-9.28	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 refer to section 7.1.  
 6. For above 3GHz 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
11G	HCH	Horizontal	PASS

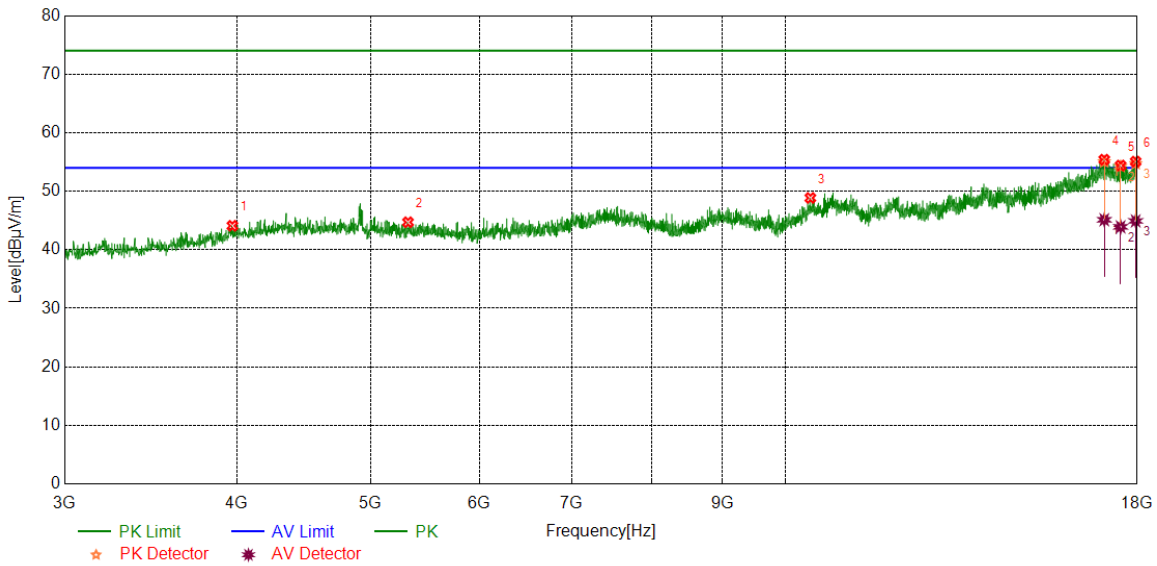


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4923.9905	47.02	5.18	52.20	74.00	-21.80	peak
2	5788.4736	48.21	5.23	53.44	74.00	-20.56	peak
3	10800.9751	37.57	12.06	49.63	74.00	-24.37	peak
4	17114.8894	37.52	18.01	55.53	74.00	-18.47	peak
		27.22	18.01	45.23	54.00	-8.77	average
5	17615.5769	37.31	17.73	55.04	74.00	-18.96	peak
		27.47	17.73	45.20	54.00	-8.80	average
6	17998.1248	36.96	18.01	54.97	74.00	-19.03	peak
		26.55	18.01	44.56	54.00	-9.44	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 refer to section 7.1.  
 6. For above 3GHz 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
11G	HCH	Vertical	PASS

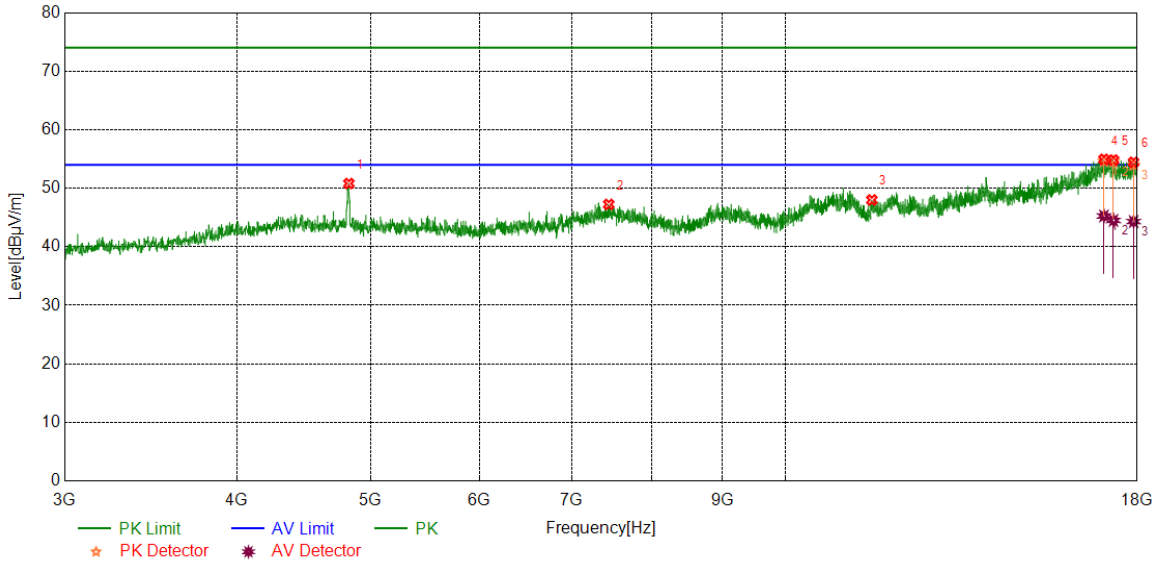


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3971.3714	39.78	4.32	44.10	74.00	-29.90	peak
2	5325.2907	39.20	5.51	44.71	74.00	-29.29	peak
3	10427.8035	37.33	11.53	48.86	74.00	-25.14	peak
4	17036.1295	36.46	18.94	55.40	74.00	-18.60	peak
		26.19	18.94	45.13	54.00	-8.87	average
5	17506.8134	36.52	17.87	54.39	74.00	-19.61	peak
		26.05	17.87	43.92	54.00	-10.08	average
6	17953.1191	36.53	18.54	55.07	74.00	-18.93	peak
		26.39	18.54	44.93	54.00	-9.07	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT20	LCH	Horizontal	PASS

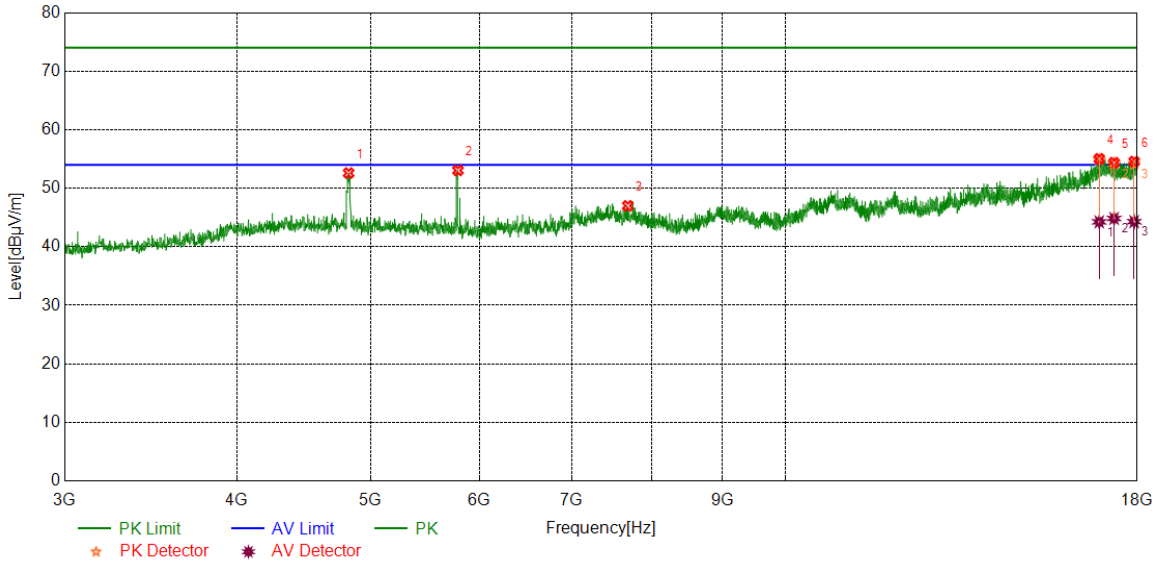


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4824.6031	45.41	5.40	50.81	74.00	-23.19	peak
2	7446.1808	38.59	8.65	47.24	74.00	-26.76	peak
3	11554.8194	36.70	11.30	48.00	74.00	-26.00	peak
4	17026.7533	36.12	18.81	54.93	74.00	-19.07	peak
		26.45	18.81	45.26	54.00	-8.74	average
5	17300.5376	37.09	17.72	54.81	74.00	-19.19	peak
		26.79	17.72	44.51	54.00	-9.49	average
6	17891.2364	35.90	18.53	54.43	74.00	-19.57	peak
		25.78	18.53	44.31	54.00	-9.69	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT20	LCH	Vertical	PASS

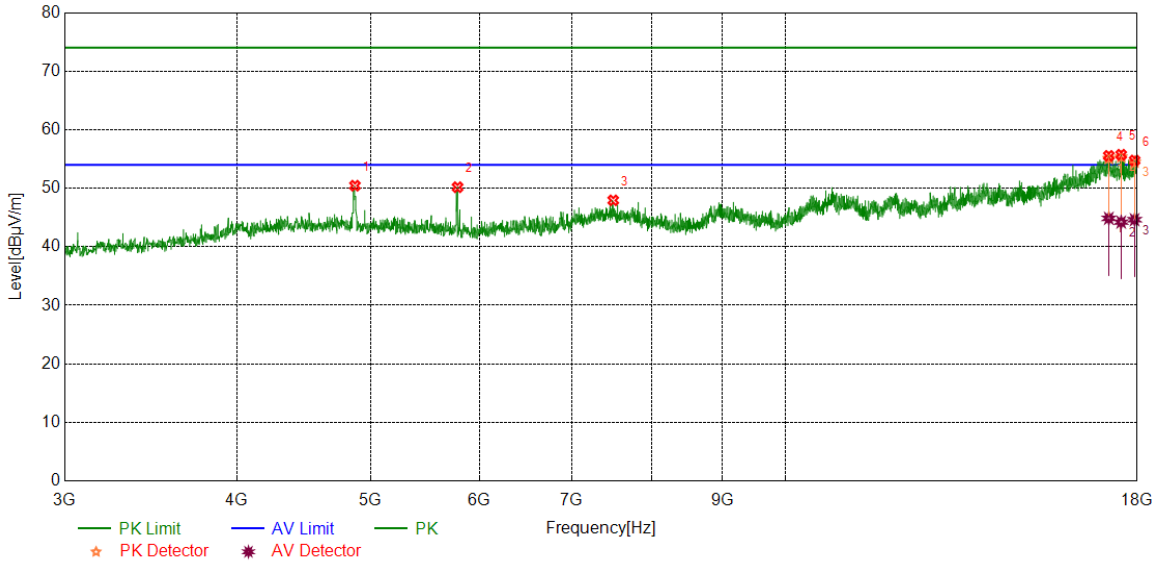


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4822.7278	47.25	5.35	52.60	74.00	-21.40	peak
2	5788.4736	47.82	5.23	53.05	74.00	-20.95	peak
3	7686.2108	38.44	8.56	47.00	74.00	-27.00	peak
4	16893.6117	37.16	17.87	55.03	74.00	-18.97	peak
		26.39	17.87	44.26	54.00	-9.74	average
5	17317.4147	36.63	17.74	54.37	74.00	-19.63	peak
		27.10	17.74	44.84	54.00	-9.16	average
6	17908.1135	36.26	18.30	54.56	74.00	-19.44	peak
		25.99	18.30	44.29	54.00	-9.71	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT20	MCH	Horizontal	PASS



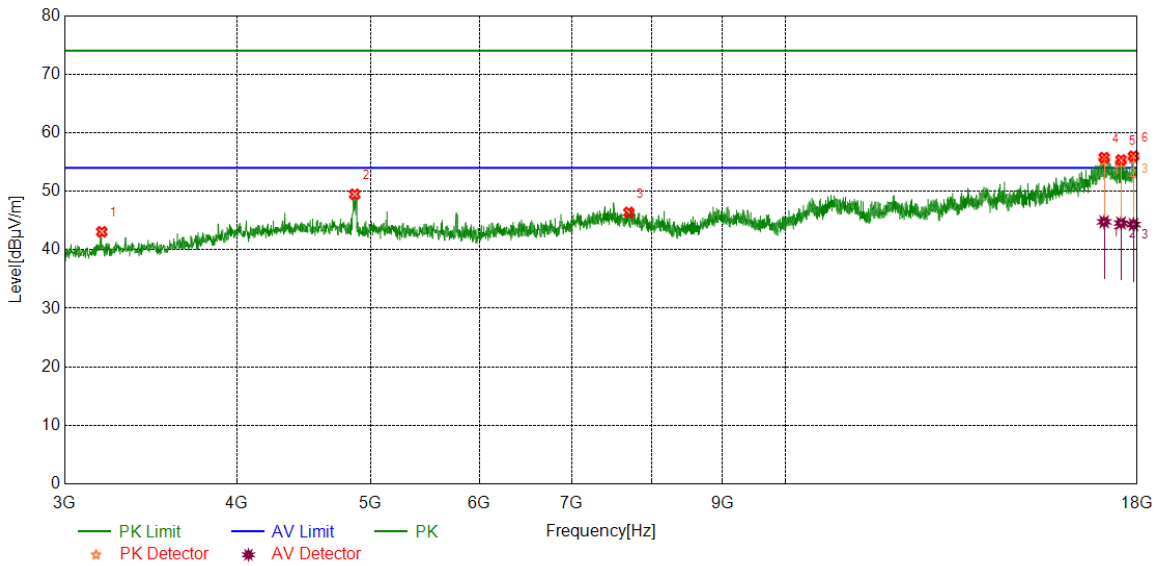
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	45.12	5.32	50.44	74.00	-23.56	peak
2	5784.7231	44.92	5.26	50.18	74.00	-23.82	peak
3	7502.4378	39.34	8.60	47.94	74.00	-26.06	peak
4	17165.5207	37.23	18.31	55.54	74.00	-18.46	peak
		26.55	18.31	44.86	54.00	-9.14	average
5	17523.6905	37.94	17.79	55.73	74.00	-18.27	peak
		26.43	17.79	44.22	54.00	-9.78	average
6	17921.2402	36.92	17.83	54.75	74.00	-19.25	peak
		26.80	17.83	44.63	54.00	-9.37	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT20	MCH	Vertical	PASS

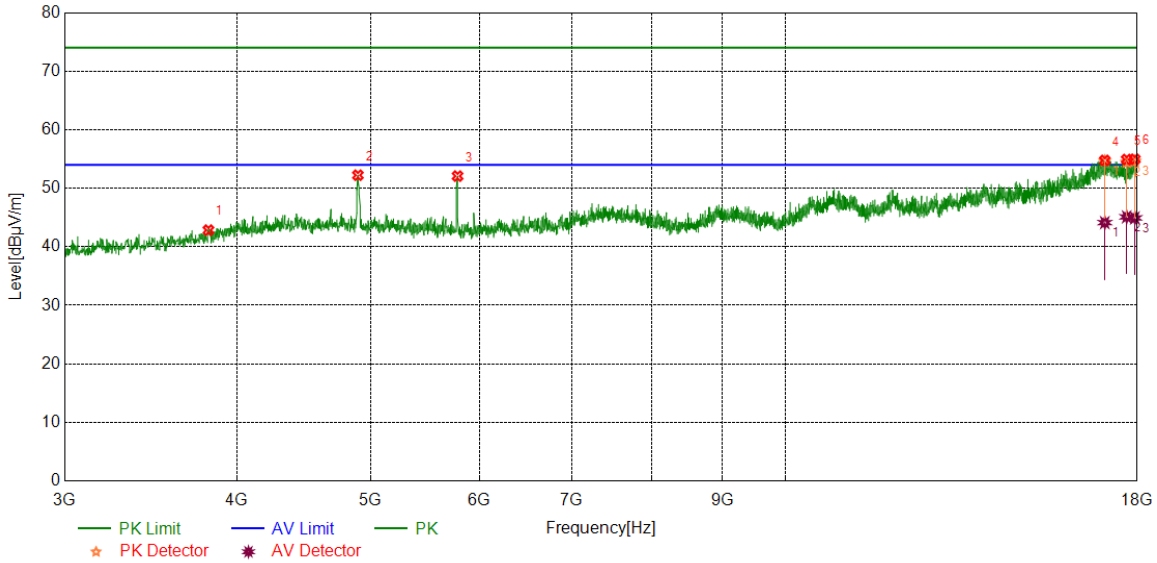


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3193.1491	41.91	1.16	43.07	74.00	-30.93	peak
2	4871.4839	44.16	5.32	49.48	74.00	-24.52	peak
3	7701.2127	37.92	8.47	46.39	74.00	-27.61	peak
4	17034.2543	36.78	18.97	55.75	74.00	-18.25	peak
		25.81	18.97	44.78	54.00	-9.22	average
5	17519.94	37.63	17.72	55.35	74.00	-18.65	peak
		26.85	17.72	44.57	54.00	-9.43	average
6	17887.4859	37.53	18.45	55.98	74.00	-18.02	peak
		25.88	18.45	44.33	54.00	-9.67	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT20	HCH	Horizontal	PASS

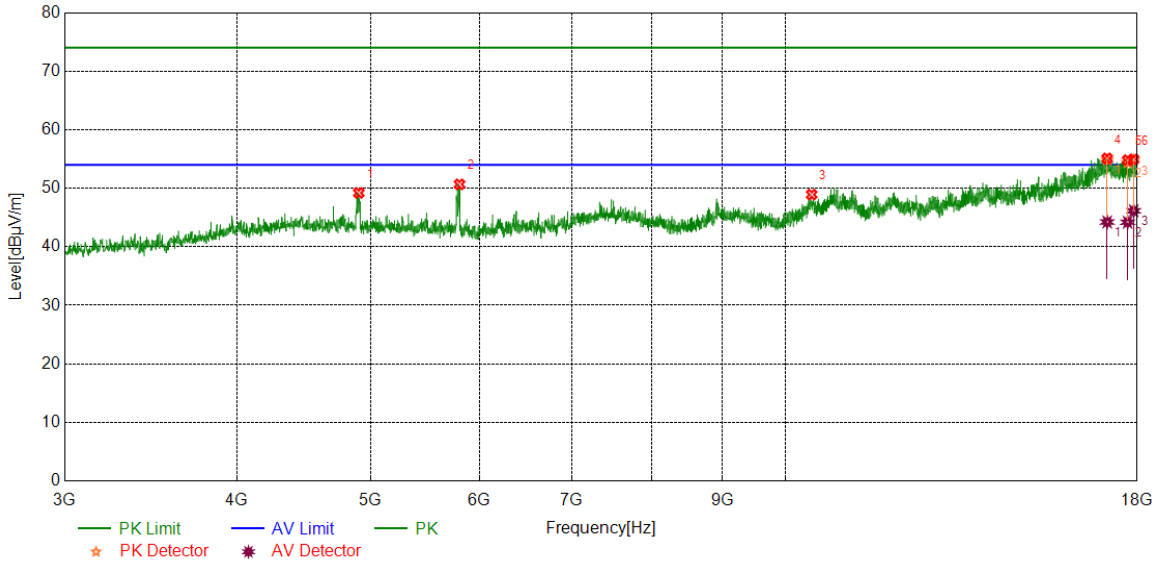


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3815.7270	39.21	3.64	42.85	74.00	-31.15	peak
2	4897.7372	46.88	5.35	52.23	74.00	-21.77	peak
3	5784.7231	46.82	5.26	52.08	74.00	-21.92	peak
4	17051.1314	36.19	18.57	54.76	74.00	-19.24	peak
		25.56	18.57	44.13	54.00	-9.87	average
5	17684.9606	36.95	17.96	54.91	74.00	-19.09	peak
		27.15	17.96	45.11	54.00	-8.89	average
6	17928.7411	36.86	18.10	54.96	74.00	-19.04	peak
		26.83	18.10	44.93	54.00	-9.07	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT20	HCH	Vertical	PASS

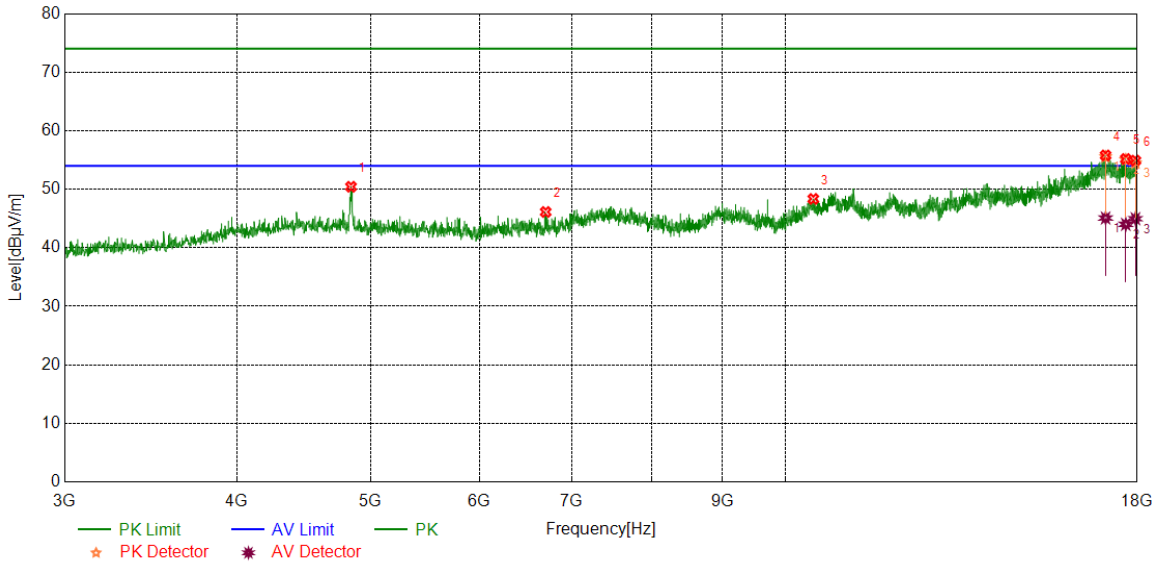


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4905.2382	43.86	5.34	49.20	74.00	-24.80	peak
2	5803.4754	45.27	5.40	50.67	74.00	-23.33	peak
3	10450.3063	37.59	11.34	48.93	74.00	-25.07	peak
4	17118.6398	37.10	18.00	55.10	74.00	-18.90	peak
		26.24	18.00	44.24	54.00	-9.76	average
5	17713.0891	37.26	17.55	54.81	74.00	-19.19	peak
		26.65	17.55	44.20	54.00	-9.80	average
6	17894.9869	36.46	18.48	54.94	74.00	-19.06	peak
		27.66	18.48	46.14	54.00	-7.86	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT40	LCH	Horizontal	PASS

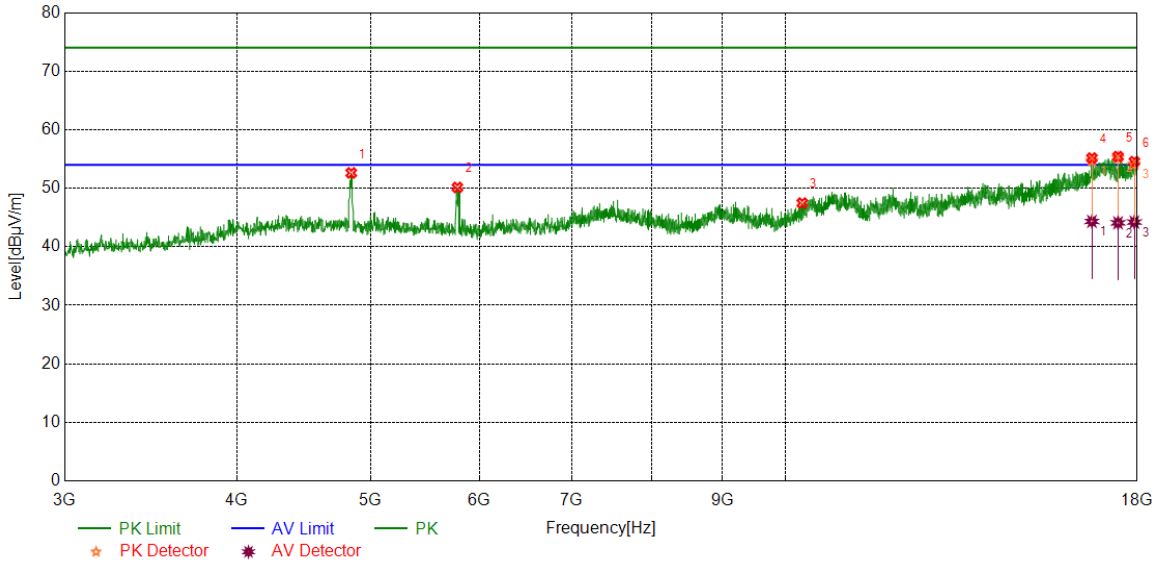


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4841.4802	44.98	5.45	50.43	74.00	-23.57	peak
2	6701.7127	38.23	7.89	46.12	74.00	-27.88	peak
3	10478.4348	36.84	11.51	48.35	74.00	-25.65	peak
4	17073.6342	36.77	19.02	55.79	74.00	-18.21	peak
		26.24	18.10	44.34	54.00	-9.66	average
5	17658.7073	37.92	17.26	55.18	74.00	-18.82	peak
		26.20	17.89	44.09	54.00	-9.91	average
6	17945.6182	36.45	18.44	54.89	74.00	-19.11	peak
		26.13	18.09	44.22	54.00	-9.78	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. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For above 3GHz 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
11N HT40	LCH	Vertical	PASS

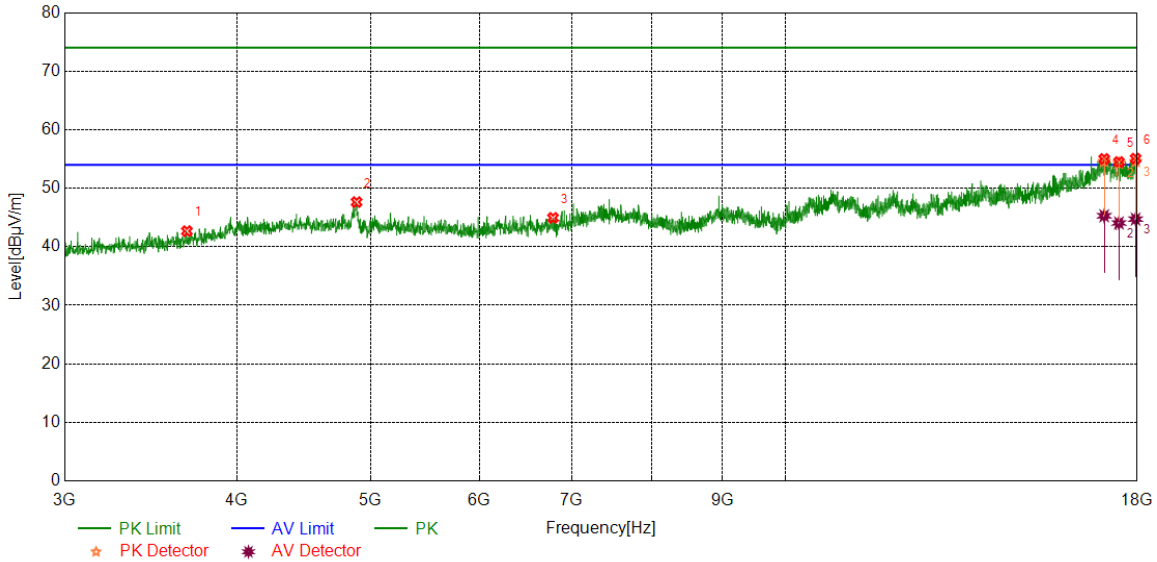


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4843.3554	47.17	5.45	52.62	74.00	-21.38	peak
2	5782.8479	44.87	5.27	50.14	74.00	-23.86	peak
3	10287.1609	37.32	10.15	47.47	74.00	-26.53	peak
4	16687.3359	37.06	18.10	55.16	74.00	-18.84	peak
		26.33	18.97	45.30	54.00	-8.70	average
5	17431.804	37.52	17.89	55.41	74.00	-18.59	peak
		26.31	17.76	44.07	54.00	-9.93	average
6	17913.7392	36.46	18.09	54.55	74.00	-19.45	peak
		26.17	18.56	44.73	54.00	-9.27	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT40	MCH	Horizontal	PASS

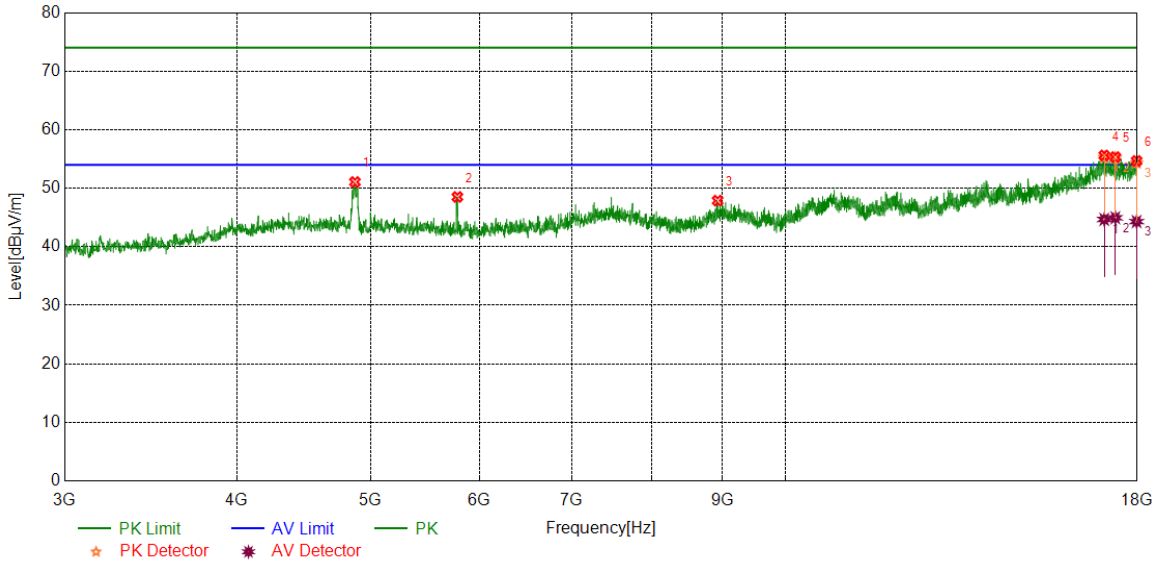


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3680.7101	39.80	2.88	42.68	74.00	-31.32	peak
2	4886.4858	42.30	5.34	47.64	74.00	-26.36	peak
3	6784.2230	37.11	7.83	44.94	74.00	-29.06	peak
4	17034.2543	36.04	18.97	55.01	74.00	-18.99	peak
		25.74	18.94	44.68	54.00	-9.32	average
5	17458.0573	36.72	17.76	54.48	74.00	-19.52	peak
		27.13	17.83	44.96	54.00	-9.04	average
6	17951.2439	36.51	18.56	55.07	74.00	-18.93	peak
		26.17	18.56	44.73	54.00	-9.27	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT40	MCH	Vertical	PASS

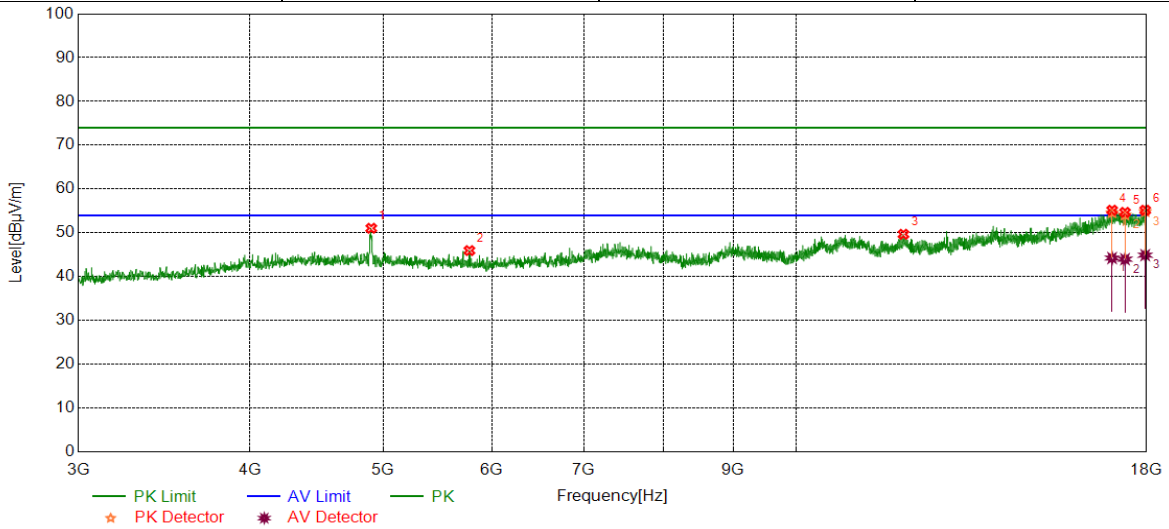


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	45.75	5.32	51.07	74.00	-22.93	peak
2	5782.8479	43.25	5.27	48.52	74.00	-25.48	peak
3	8931.3664	39.01	8.88	47.89	74.00	-26.11	peak
4	17036.1295	36.67	18.94	55.61	74.00	-18.39	peak
		25.74	18.94	44.68	54.00	-9.32	average
5	17353.0441	37.49	17.83	55.32	74.00	-18.68	peak
		27.13	17.83	44.96	54.00	-9.04	average
6	17981.2477	36.63	18.04	54.67	74.00	-19.33	peak
		26.27	18.04	44.31	54.00	-9.69	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT40	HCH	Horizontal	PASS



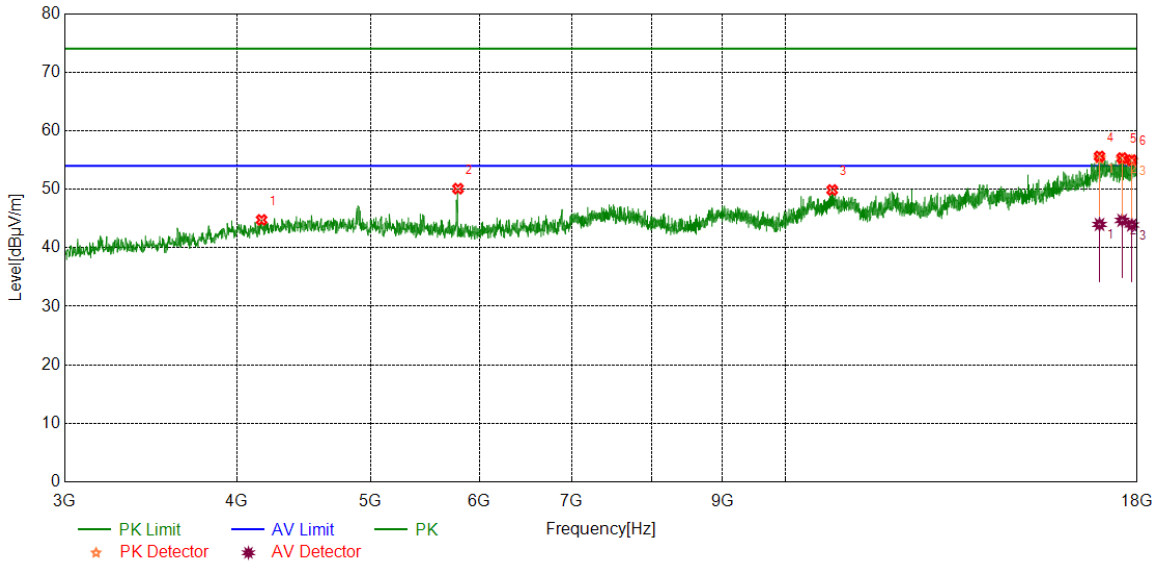
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4903.3629	45.71	5.34	51.05	74.00	-22.95	peak
2	5780.9726	40.66	5.29	45.95	74.00	-28.05	peak
3	11971.1214	37.15	12.53	49.68	74.00	-24.32	peak
4	16987.3734	36.40	18.77	55.17	74.00	-18.83	peak
		25.48	18.77	44.25	54.00	-9.75	average
5	17358.6698	36.72	17.96	54.68	74.00	-19.32	peak
		26.03	17.96	43.99	54.00	-10.01	average
6	17956.8696	36.67	18.50	55.17	74.00	-18.83	peak
		26.41	18.50	44.91	54.00	-9.09	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 refer to section 7.1.  
 6. For above 3GHz 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
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4170.1463	40.12	4.65	44.77	74.00	-29.23	peak
2	5788.4736	44.87	5.23	50.10	74.00	-23.90	peak
3	10814.1018	37.67	12.21	49.88	74.00	-24.12	peak
4	16901.1126	37.67	17.94	55.61	74.00	-18.39	peak
		26.05	17.94	43.99	54.00	-10.01	average
5	17551.819	37.28	18.05	55.33	74.00	-18.67	peak
		26.64	18.05	44.69	54.00	-9.31	average
6	17836.8546	36.88	18.10	54.98	74.00	-19.02	peak
		25.80	18.10	43.90	54.00	-10.10	average

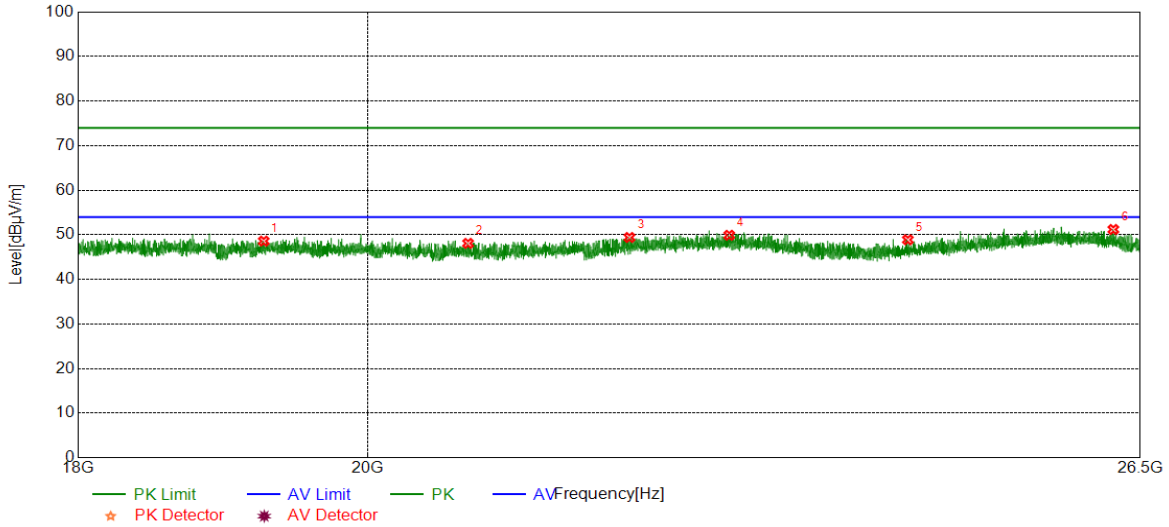
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For above 3GHz part, filter 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 III: 18GHz~26.5GHz**

**SPURIOUS EMISSIONS 18GHz TO 26.5GHz (WORST-CASE CONFIGURATION)**

Test Mode	Channel	Polarization	Verdict
11N 20 MIMO	LCH	Horizontal	PASS

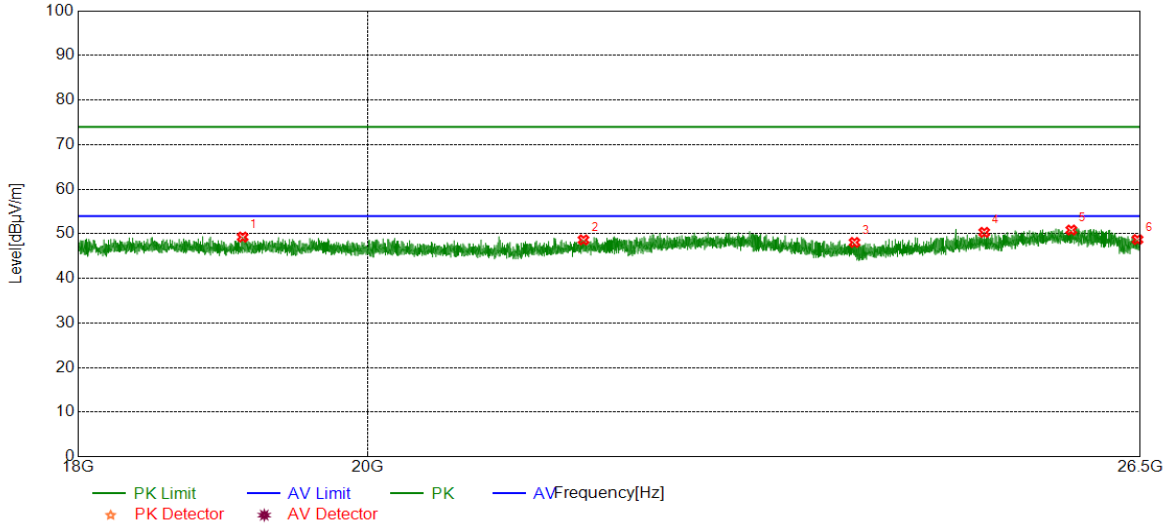


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	19257.2757	49.50	-0.91	48.59	74.00	-25.41	peak
2	20745.7746	48.96	-0.87	48.09	74.00	-25.91	peak
3	22002.2002	49.24	0.17	49.41	74.00	-24.59	peak
4	22816.5817	48.82	1.09	49.91	74.00	-24.09	peak
5	24350.9851	49.66	-0.77	48.89	74.00	-25.11	peak
6	26243.2743	49.99	1.21	51.20	74.00	-22.80	peak

- Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.



Test Mode	Channel	Polarization	Verdict
11N 20 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	19110.2110	50.30	-1.03	49.27	74.00	-24.73	peak
2	21636.6637	48.96	-0.32	48.64	74.00	-25.36	peak
3	23881.7382	49.05	-0.98	48.07	74.00	-25.93	peak
4	25037.8538	50.25	0.08	50.33	74.00	-23.67	peak
5	25844.5845	49.44	1.41	50.85	74.00	-23.15	peak
6	26475.3475	48.04	0.68	48.72	74.00	-25.28	peak

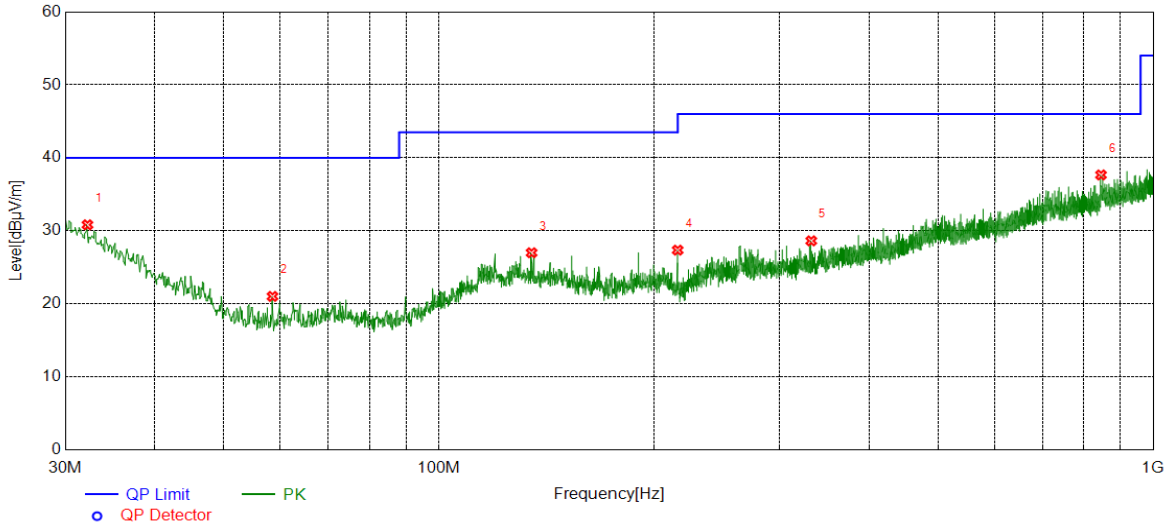
- Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.



**Part IV: 30MHz~1GHz**

**SPURIOUS EMISSIONS 30M TO 1GHz (WORST-CASE CONFIGURATION)**

Test Mode	Channel	Polarization	Verdict
11N 20 MIMO	LCH	Horizontal	PASS

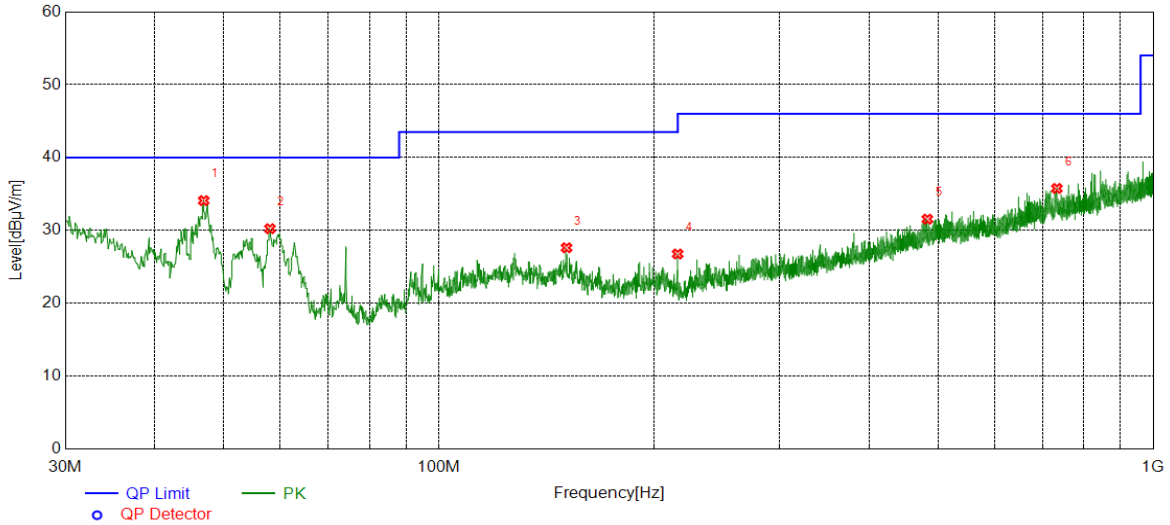


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	32.2312	5.21	25.62	30.83	40.00	-9.17	peak
2	58.5209	6.92	14.10	21.02	40.00	-18.98	peak
3	134.8675	6.89	20.11	27.00	43.50	-16.50	peak
4	215.9676	9.42	17.94	27.36	43.50	-16.14	peak
5	332.1852	7.37	21.26	28.63	46.00	-17.37	peak
6	845.1725	7.28	30.38	37.66	46.00	-8.34	peak

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.



Test Mode	Channel	Polarization	Verdict
11N 20 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	46.8797	17.63	16.46	34.09	40.00	-5.91	peak
2	58.0358	16.11	14.13	30.24	40.00	-9.76	peak
3	150.9711	8.31	19.31	27.62	43.50	-15.88	peak
4	215.9676	8.83	17.94	26.77	43.50	-16.73	peak
5	482.9383	6.30	25.25	31.55	46.00	-14.45	peak
6	733.1263	6.77	28.99	35.76	46.00	-10.24	peak

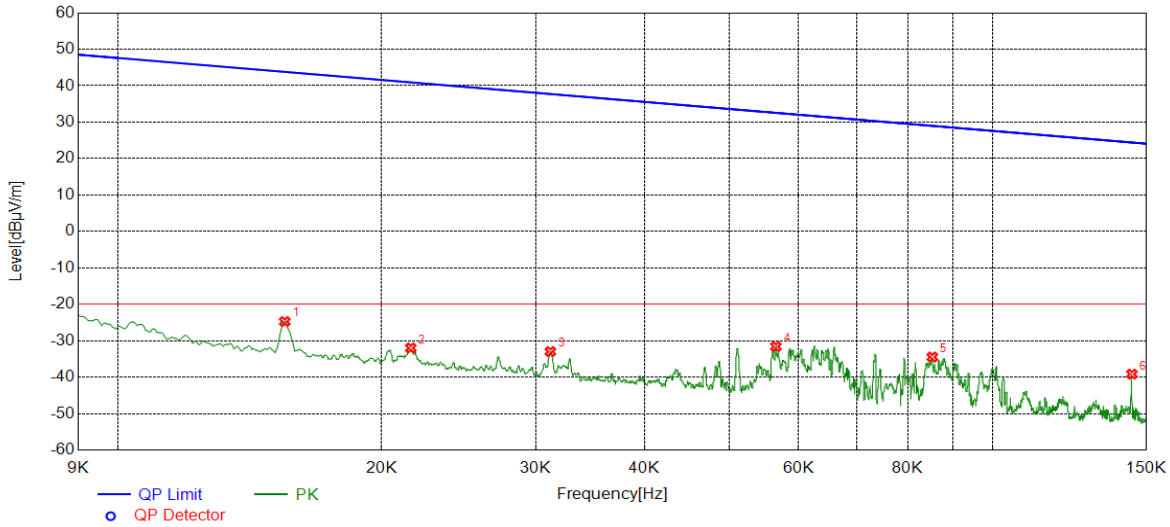
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.



**Part V: 9KHz~30MHz**

**SPURIOUS EMISSIONS Below 30MHz (WORST CASE CONFIGURATION-FACE ON)**

Test Mode	Channel	Frequency Range	Verdict
11N 20 MIMO	LCH	9KHz~150KHz	PASS

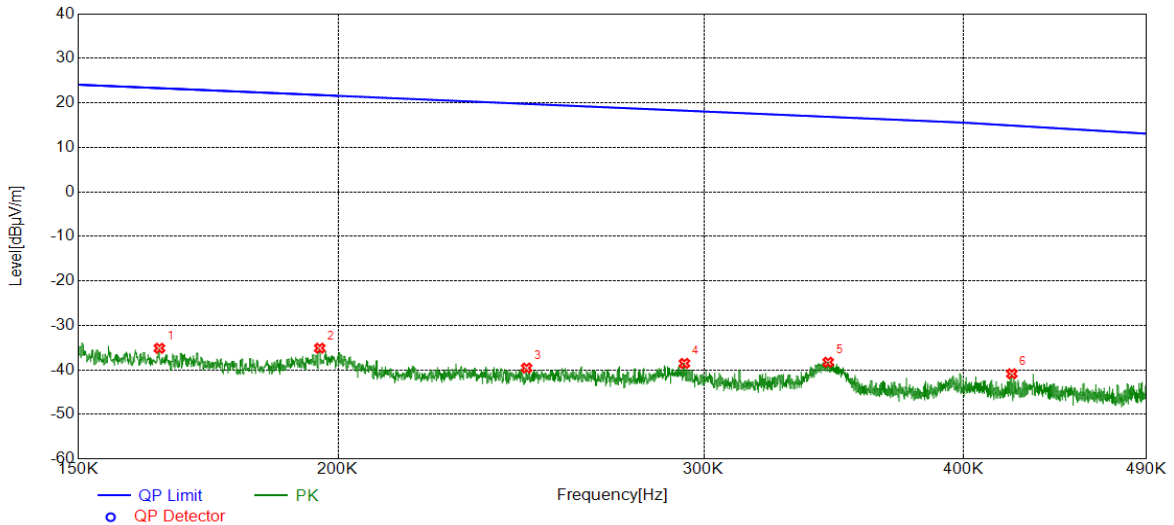


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	36.24	-60.98	-24.74	43.80	-68.54	peak
2	0.0216	28.88	-60.86	-31.98	40.93	-72.91	peak
3	0.0312	27.95	-60.92	-32.97	37.71	-70.68	peak
4	0.0565	29.56	-61.14	-31.58	32.56	-64.14	peak
5	0.0853	26.67	-61.14	-34.47	28.99	-63.46	peak
6	0.1443	22.08	-61.25	-39.17	24.42	-63.59	peak

- Note:
1. Measurement = Reading Level + Correct Factor.
  2. Result 300m= Result 3m-80 dBuV/m
  3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
  4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report



Test Mode	Channel	Frequency Range	Verdict
11N 20 MIMO	LCH	150KHz~490Hz	PASS

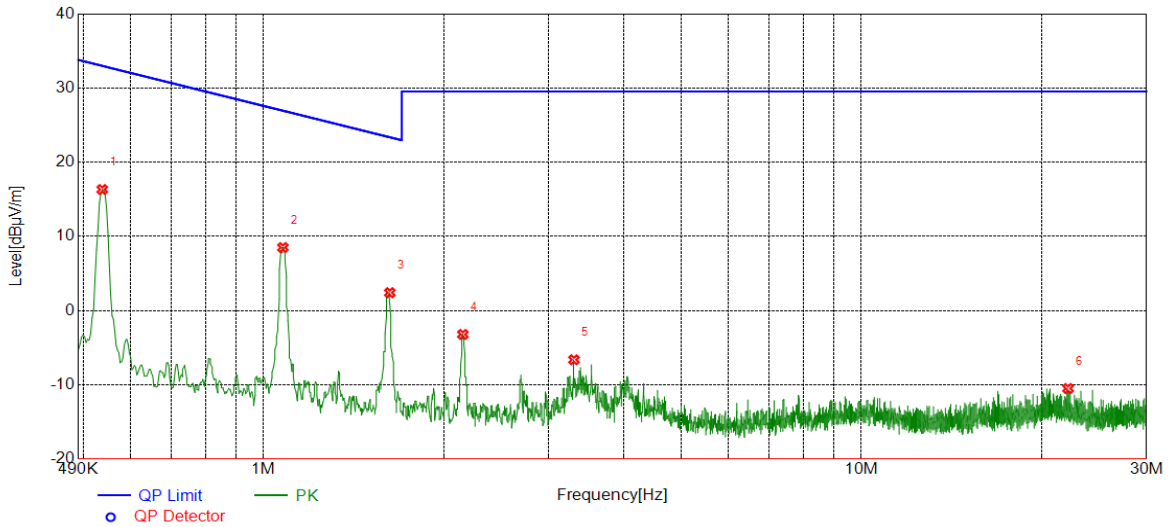


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1641	26.11	-61.24	-35.13	23.30	-58.43	peak
2	0.1960	25.97	-61.08	-35.11	21.76	-56.87	peak
3	0.2465	21.24	-60.82	-39.58	19.76	-59.34	peak
4	0.2936	22.24	-60.77	-38.53	18.25	-56.78	peak
5	0.3443	22.46	-60.72	-38.26	16.86	-55.12	peak
6	0.4220	19.80	-60.66	-40.86	14.91	-55.77	peak

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. Result 300m= Result 3m-80 dBuV/m  
 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.  
 4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report



Test Mode	Channel	Frequency Range	Verdict
11N 20 MIMO	LCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5372	36.92	-20.60	16.32	33.00	-16.68	peak
2	1.0773	28.85	-20.35	8.50	26.96	-18.46	peak
3	1.6262	22.68	-20.27	2.41	23.38	-20.97	peak
4	2.1545	17.04	-20.25	-3.21	29.54	-32.75	peak
5	3.3055	13.72	-20.35	-6.63	29.54	-36.17	peak
6	22.1673	7.13	-17.63	-10.50	29.54	-40.04	peak

- Note:
1. Measurement = Reading Level + Correct Factor.
  2. Result 30m= Result 3m-40 dBuV/m
  3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
  4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report



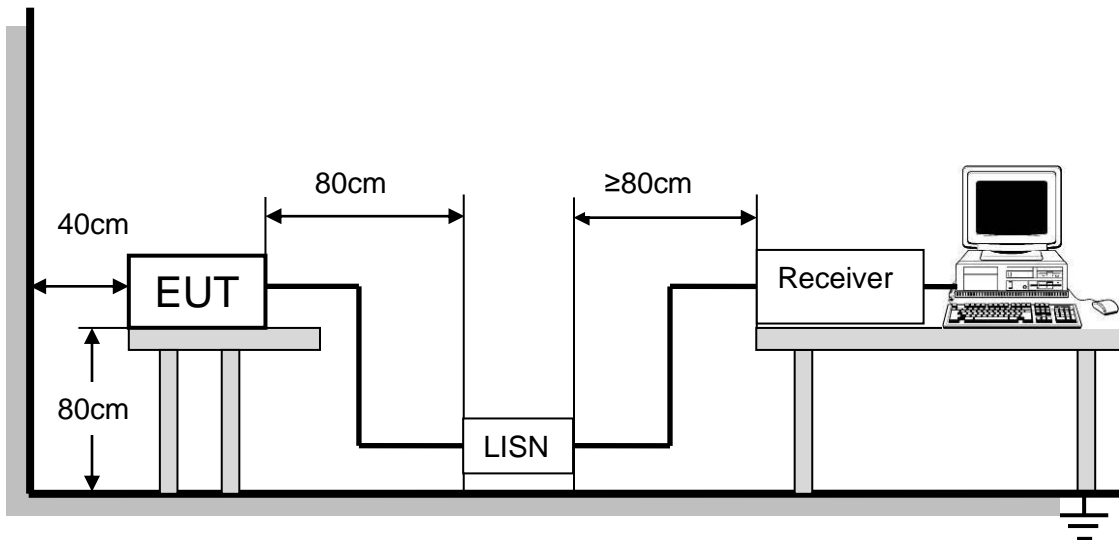
## 8. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	Limit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

### TEST SETUP AND PROCEDURE



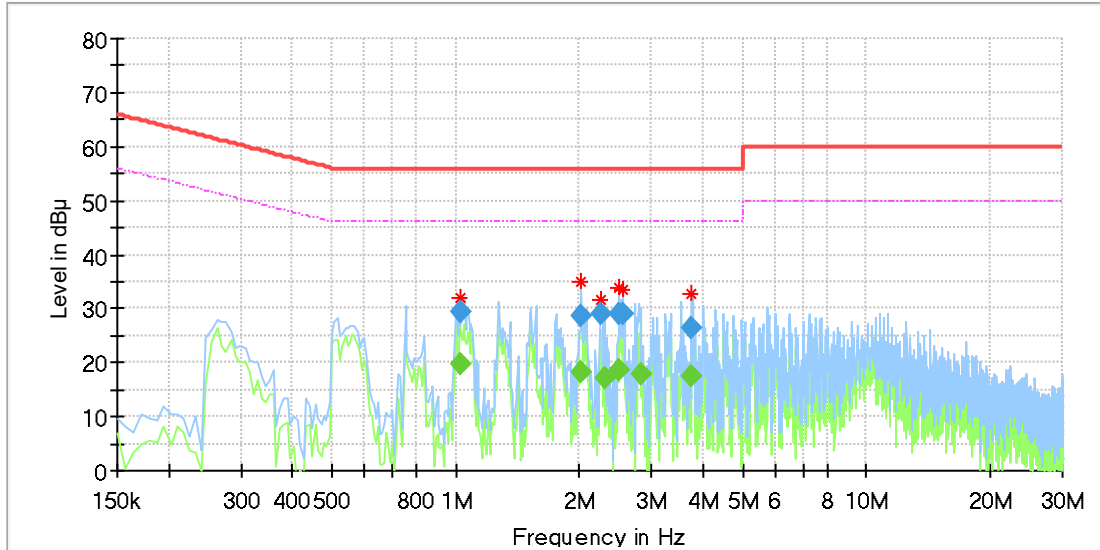
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.



**TEST RESULTS (WORST CASE CONFIGURATION)**

**For L Line:**



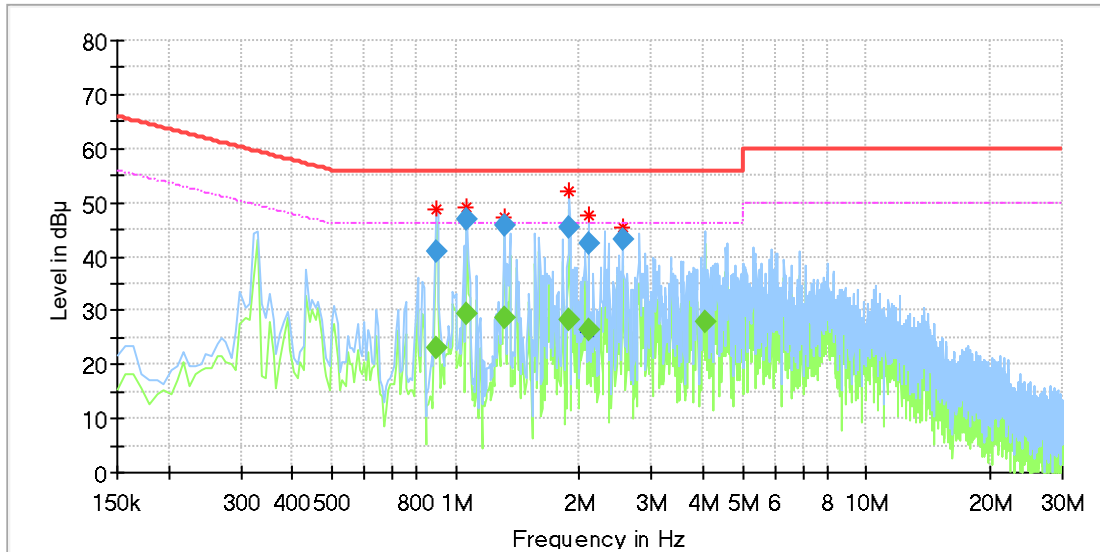
**Final Result**

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
1.023113	---	19.87	46.00	26.13	1000.0	9.000	L1	OFF	9.7
1.023113	29.35	---	56.00	26.65	1000.0	9.000	L1	OFF	9.7
2.015625	---	18.13	46.00	27.87	1000.0	9.000	L1	OFF	9.6
2.015625	28.79	---	56.00	27.21	1000.0	9.000	L1	OFF	9.6
2.246963	28.93	---	56.00	27.07	1000.0	9.000	L1	OFF	9.7
2.306663	---	16.93	46.00	29.07	1000.0	9.000	L1	OFF	9.7
2.500688	28.87	---	56.00	27.13	1000.0	9.000	L1	OFF	9.7
2.500688	---	18.66	46.00	27.34	1000.0	9.000	L1	OFF	9.7
2.560388	29.01	---	56.00	26.99	1000.0	9.000	L1	OFF	9.7
2.814113	---	17.86	46.00	28.14	1000.0	9.000	L1	OFF	9.8
3.761850	---	17.41	46.00	28.59	1000.0	9.000	L1	OFF	9.7
3.761850	26.55	---	56.00	29.45	1000.0	9.000	L1	OFF	9.7

- Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).  
 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.  
 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.  
 5. Pre-testing all test modes and channels, and find the LCH of 11N20 MIMO mode which is the worst case, so only the worst case is included in this test report.



**For N Line:**



**Final Result**

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.896250	---	22.94	46.00	23.06	1000.0	9.000	N	OFF	9.7
0.896250	41.03	---	56.00	14.97	1000.0	9.000	N	OFF	9.7
1.067888	---	29.57	46.00	16.43	1000.0	9.000	N	OFF	9.7
1.067888	46.72	---	56.00	9.28	1000.0	9.000	N	OFF	9.7
1.314150	---	28.52	46.00	17.48	1000.0	9.000	N	OFF	9.6
1.314150	45.72	---	56.00	10.28	1000.0	9.000	N	OFF	9.6
1.888763	45.39	---	56.00	10.61	1000.0	9.000	N	OFF	9.7
1.888763	---	28.12	46.00	17.88	1000.0	9.000	N	OFF	9.7
2.112638	42.54	---	56.00	13.46	1000.0	9.000	N	OFF	9.6
2.112638	---	26.39	46.00	19.61	1000.0	9.000	N	OFF	9.6
2.560388	43.12	---	56.00	12.88	1000.0	9.000	N	OFF	9.5
4.037963	---	28.06	46.00	17.94	1000.0	9.000	N	OFF	9.6

- Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).  
 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.  
 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.  
 5. Pre-testing all test modes and channels, and find the LCH of 11N20 MIMO mode which is the worst case, so only the worst case is included in this test report.



## 9. ANTENNA REQUIREMENTS

### APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### ANTENNA CONNECTOR

EUT has a EUT with two Monopole Antenna.

### ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

**END OF REPORT**