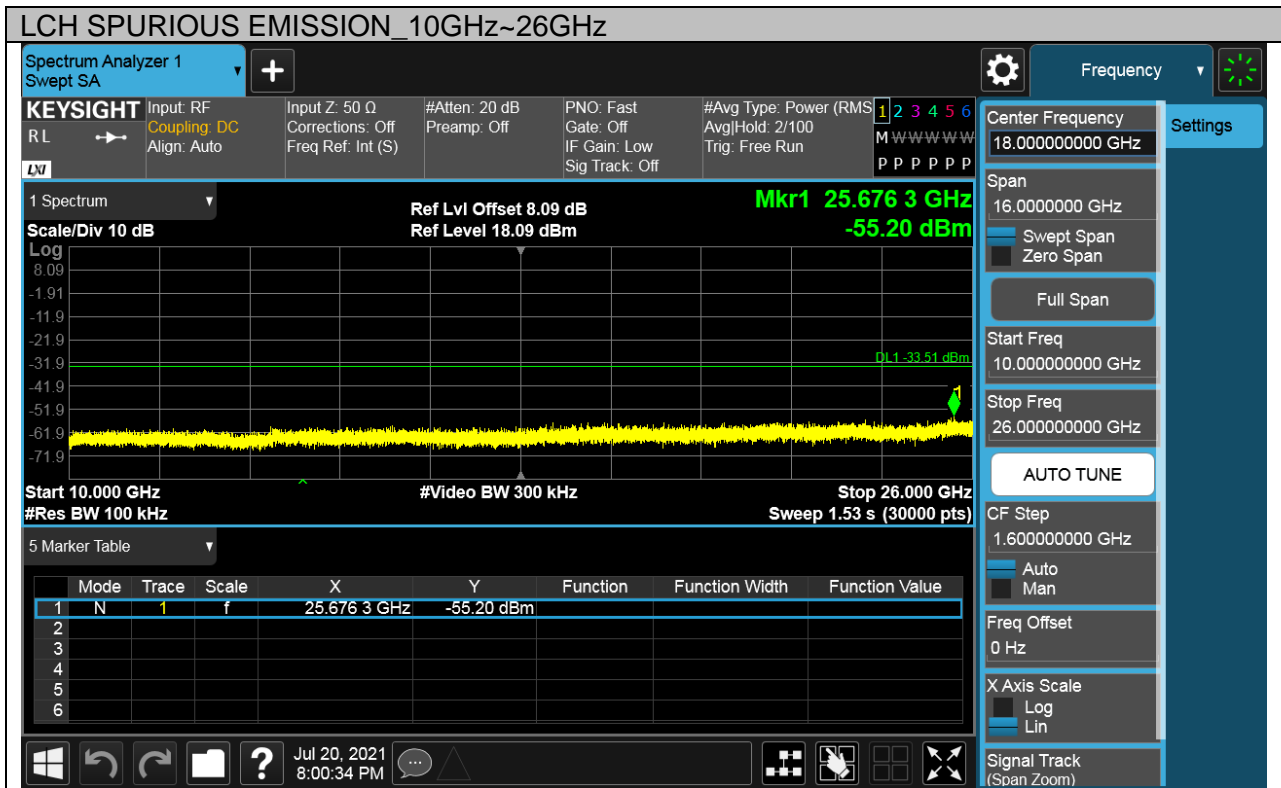
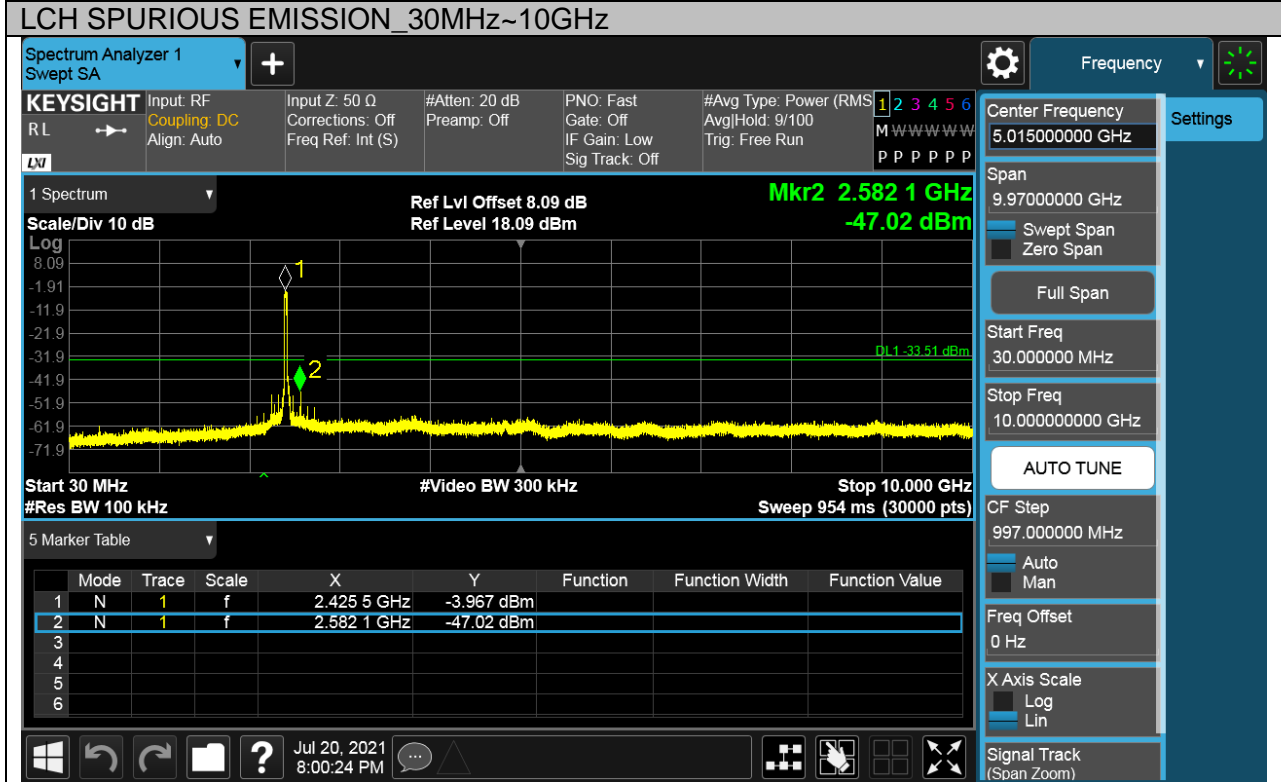




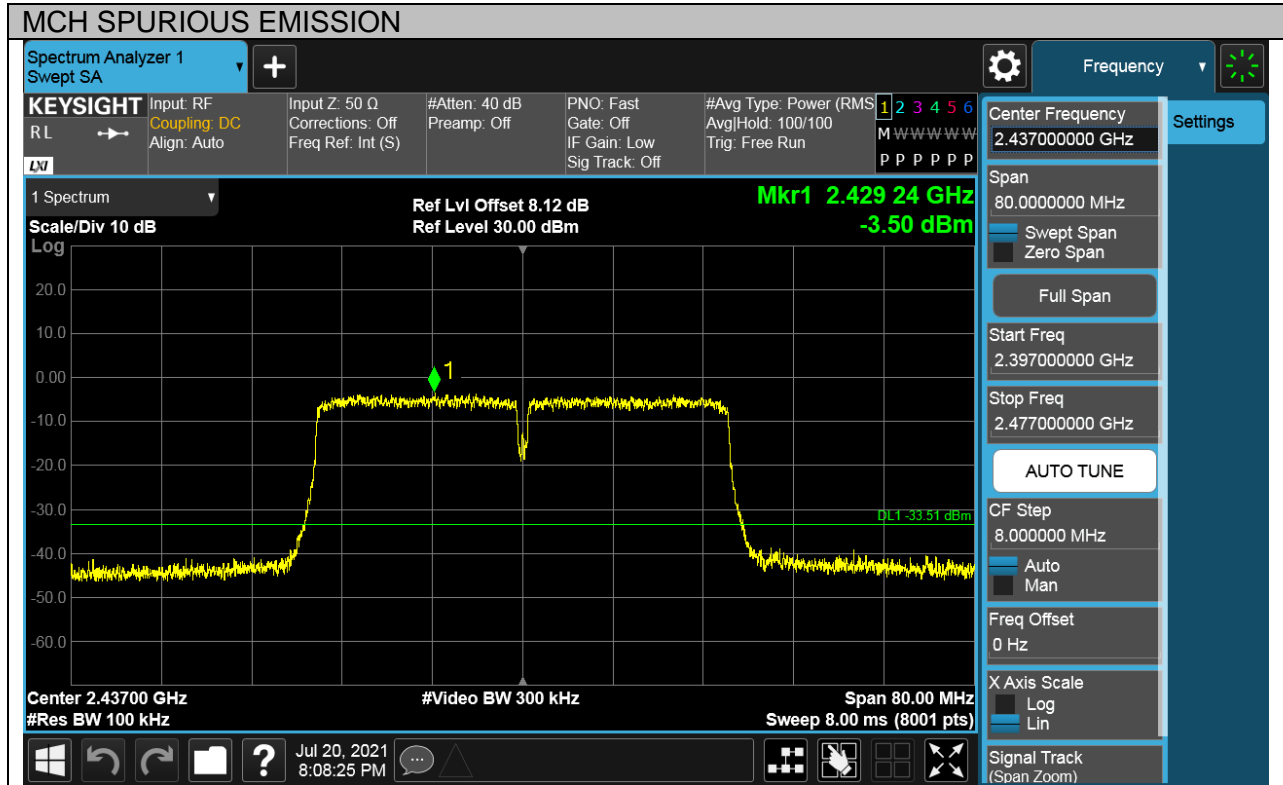
Puw test Plot





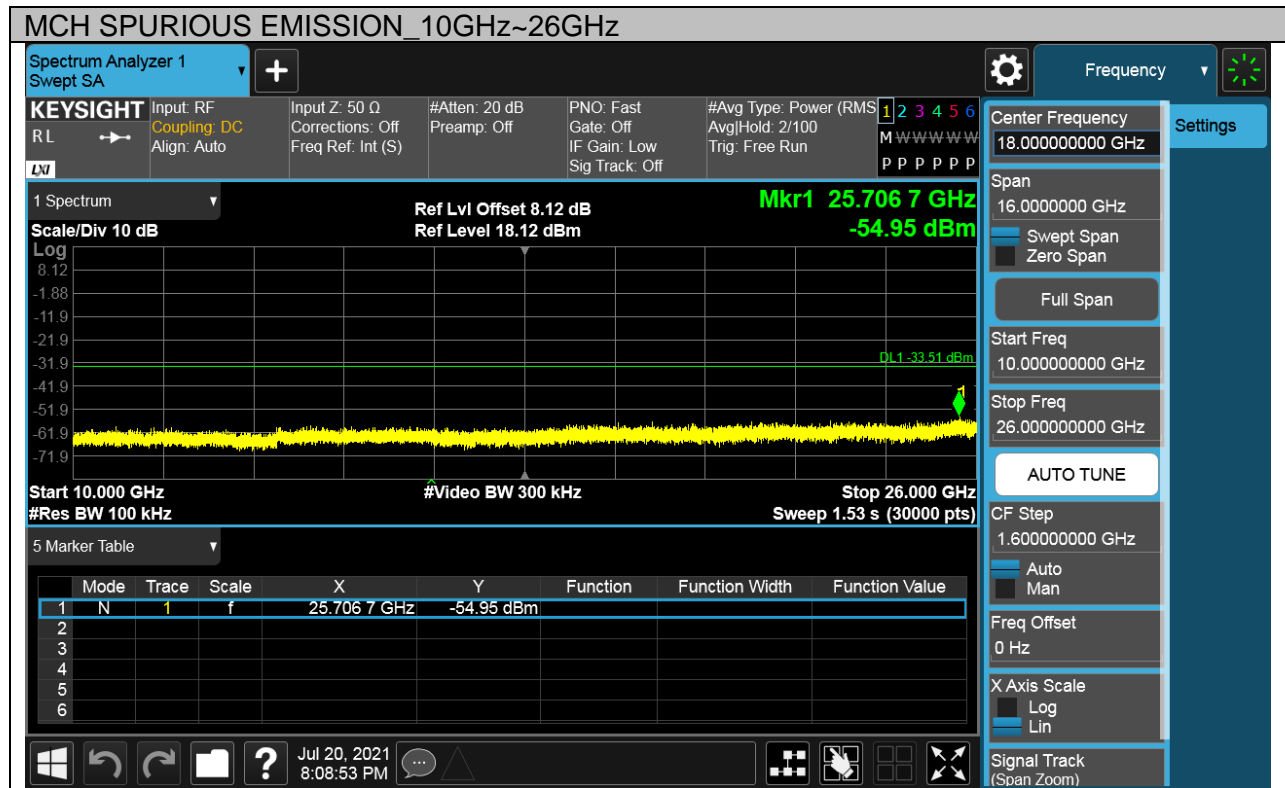
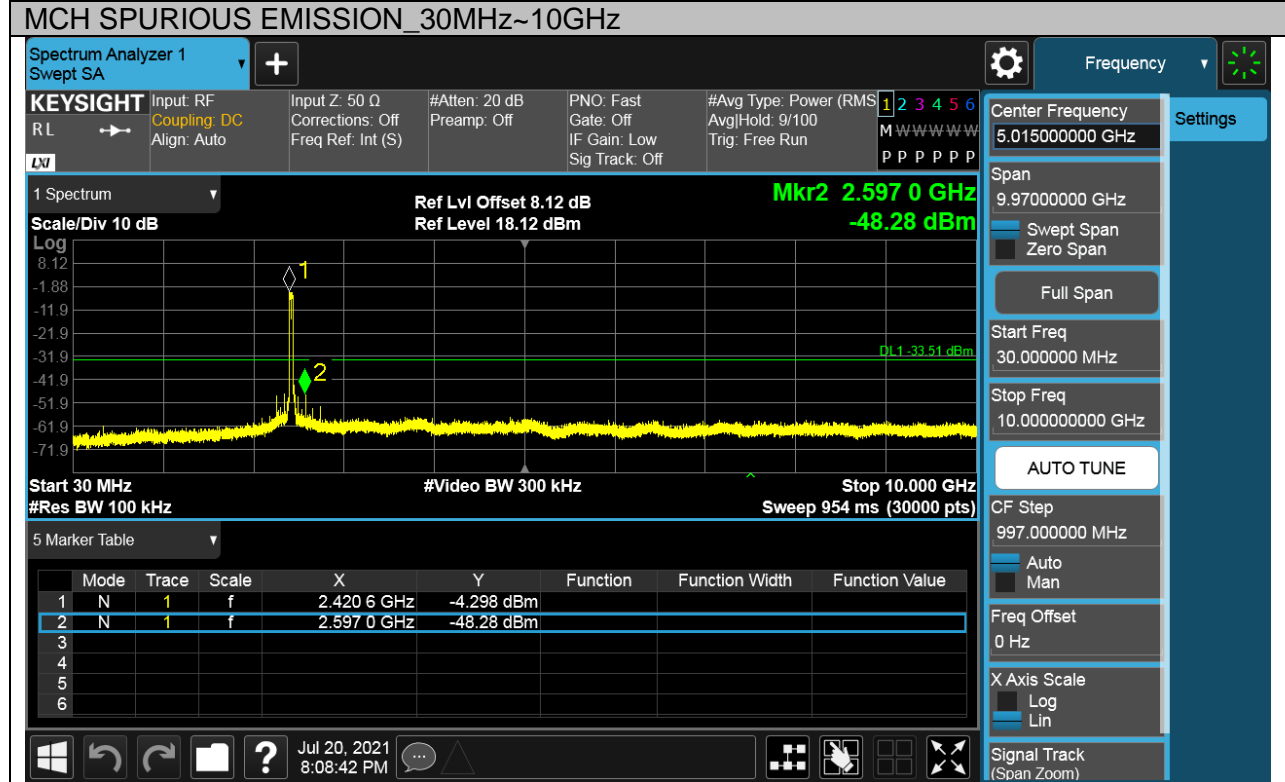
Test Mode	Channel	Verdict
11N HT40	MCH	PASS

Pref test Plot





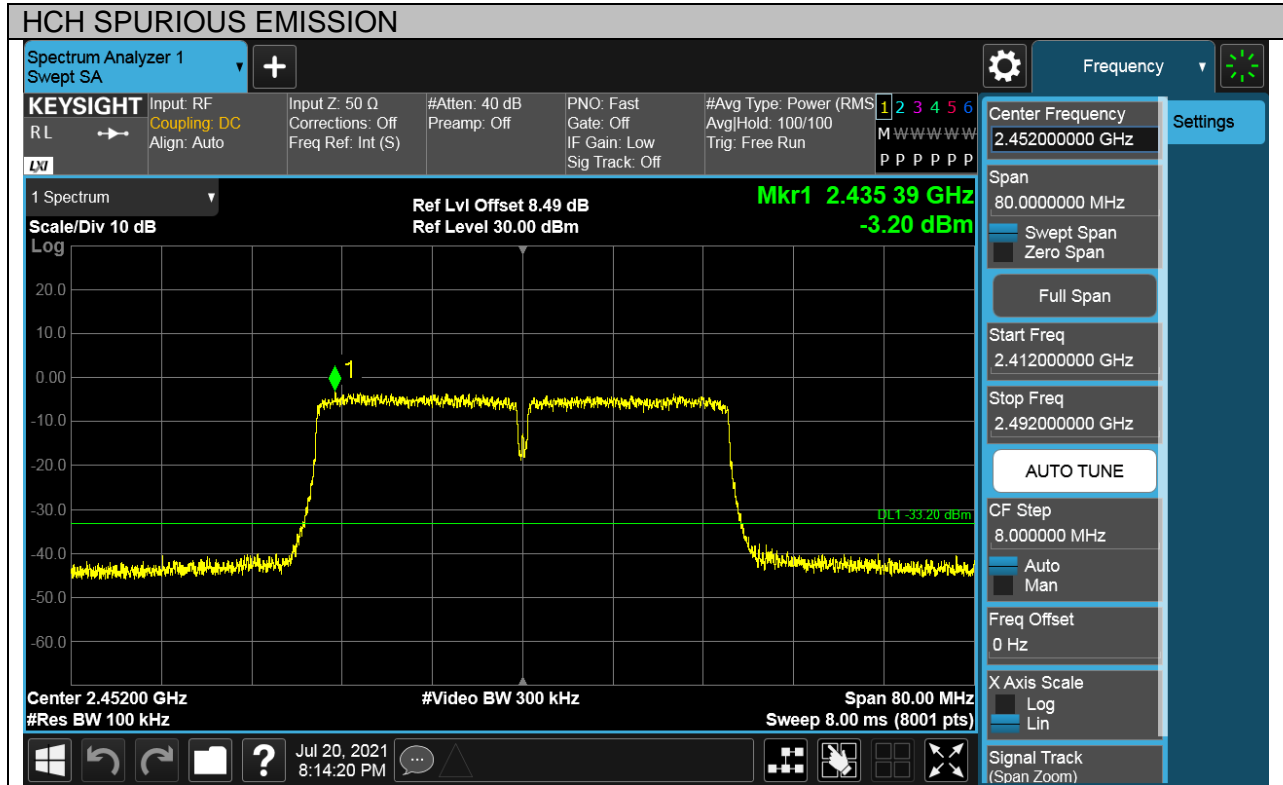
Puw test Plot





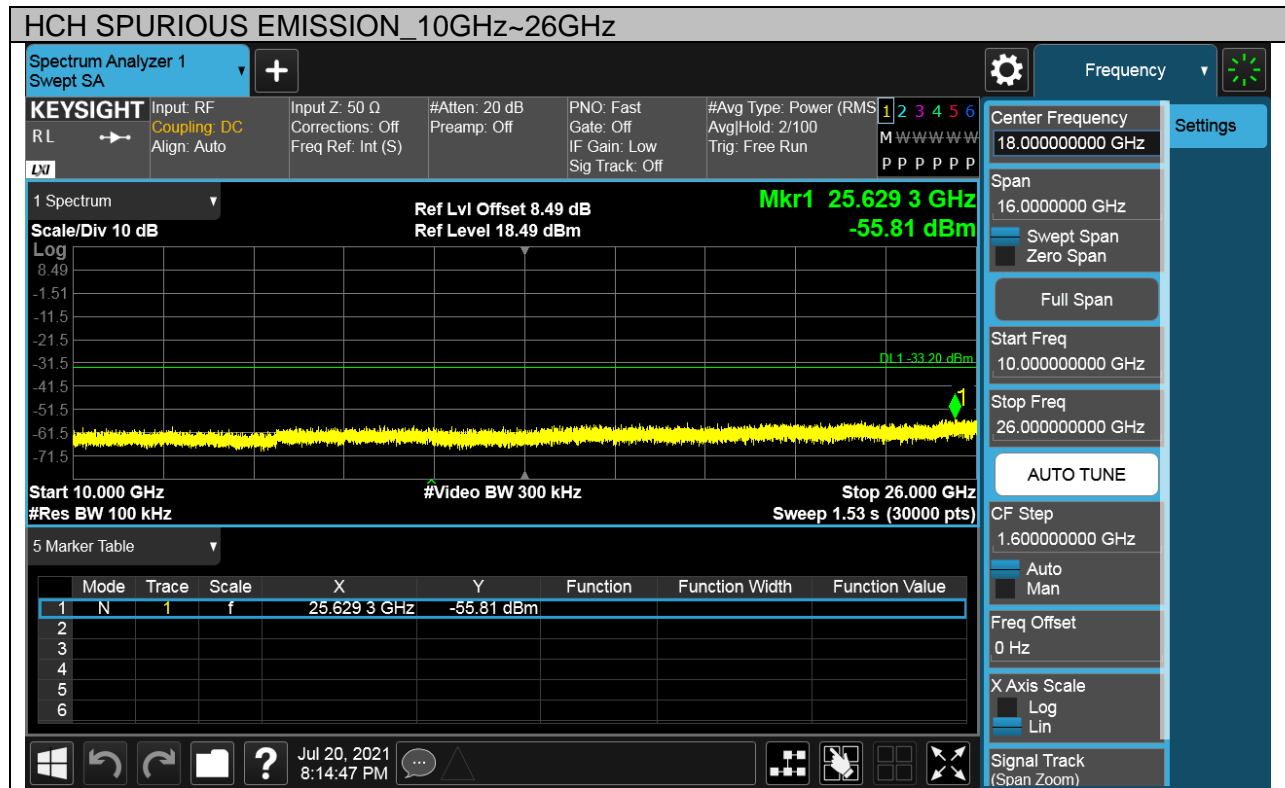
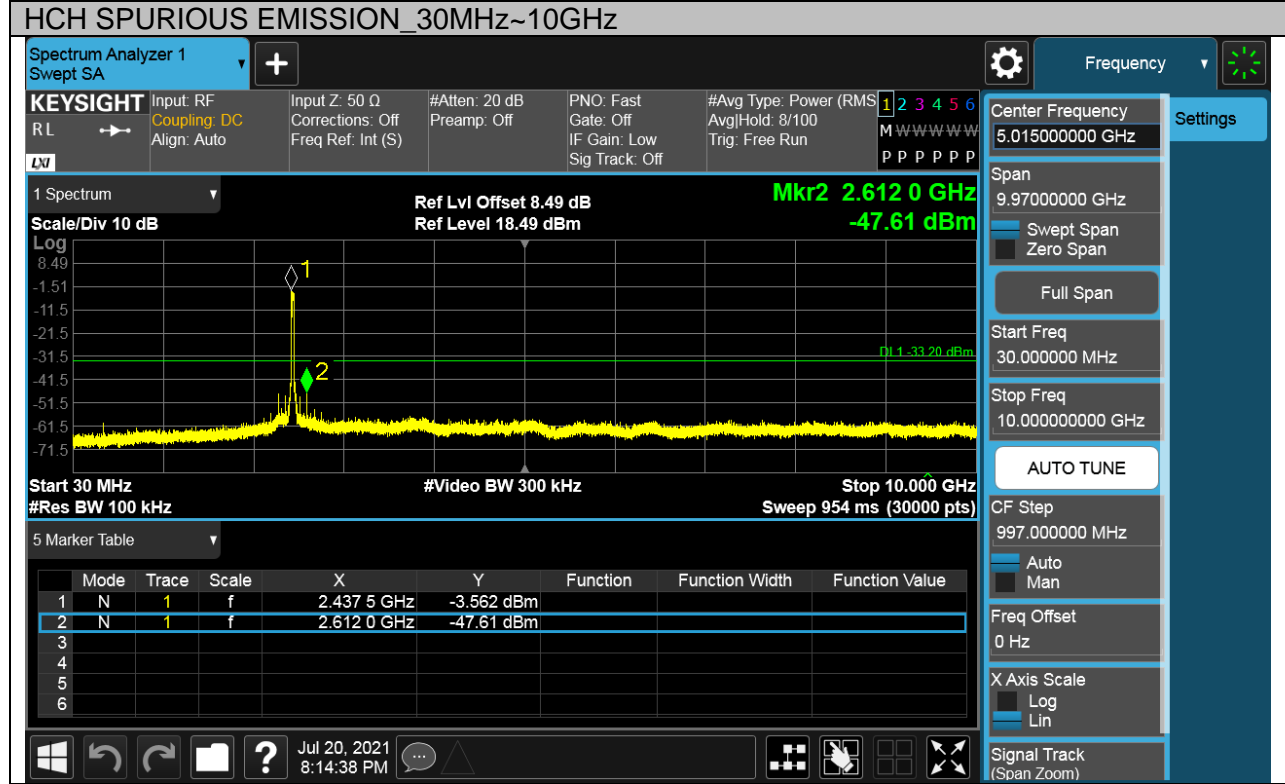
Test Mode	Channel	Verdict
11N HT40	HCH	PASS

Pref test Plot





Puw test Plot

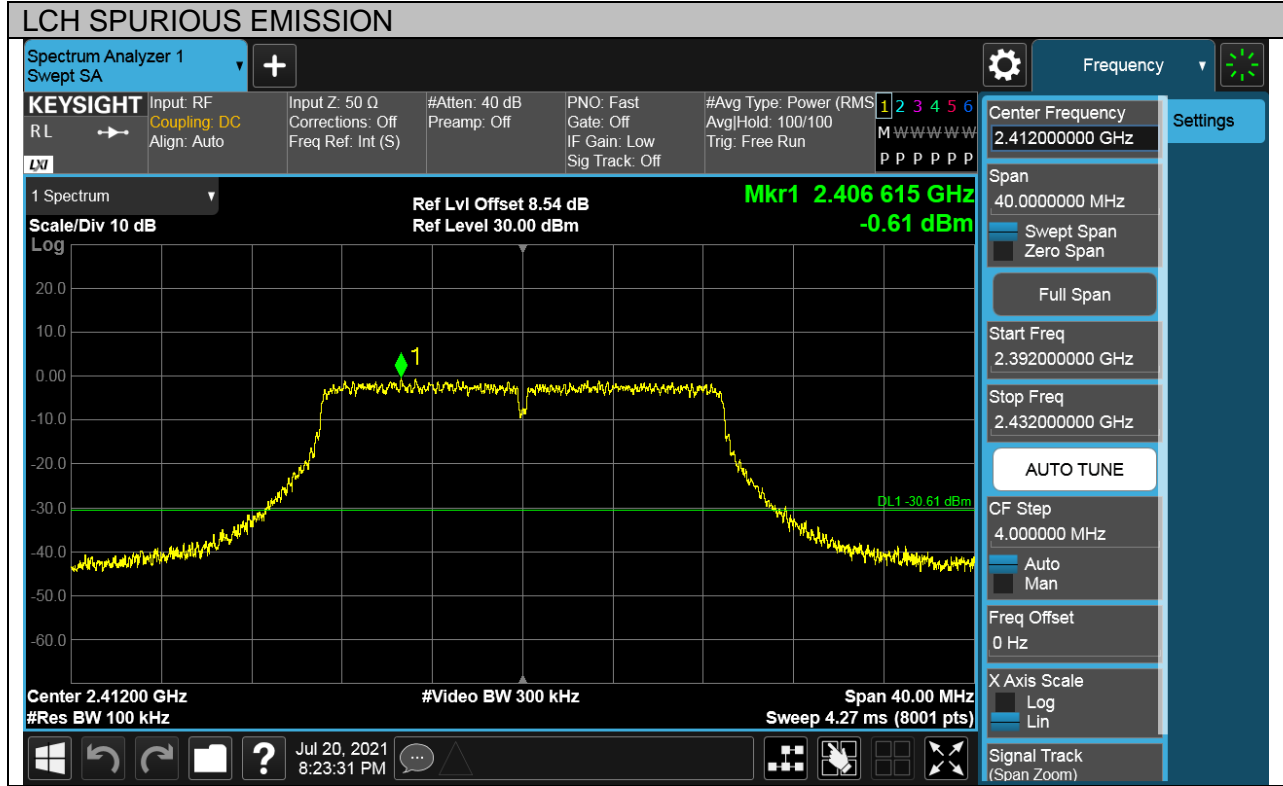




**For Antenna 2 Part:**

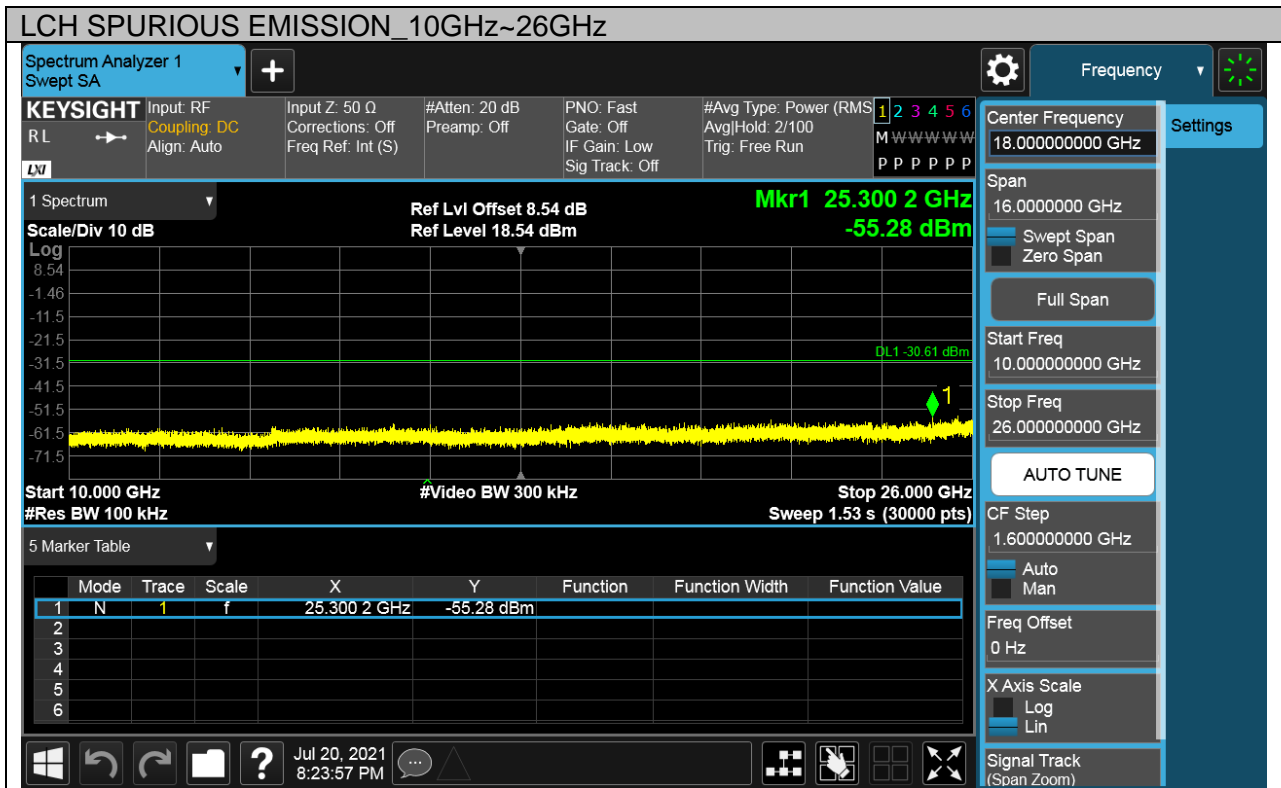
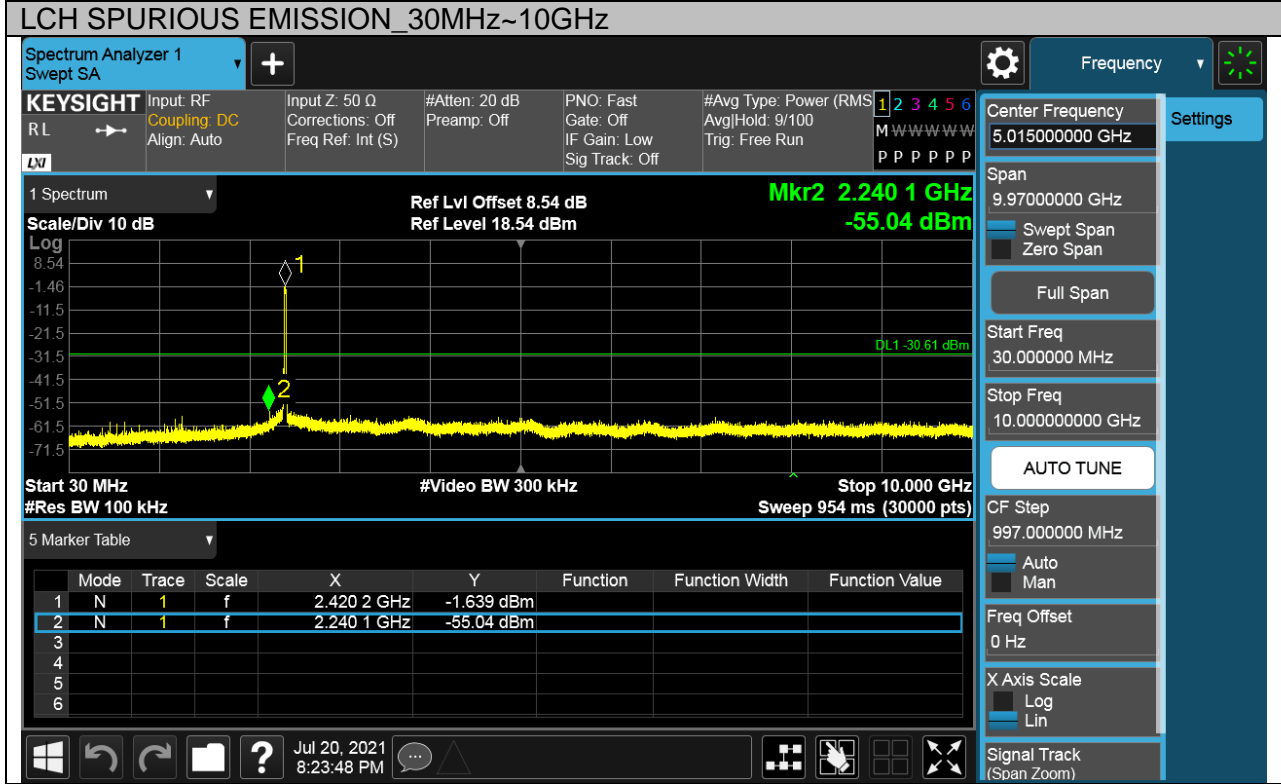
Test Mode	Channel	Verdict
11N HT20	LCH	PASS

Pref test Plot





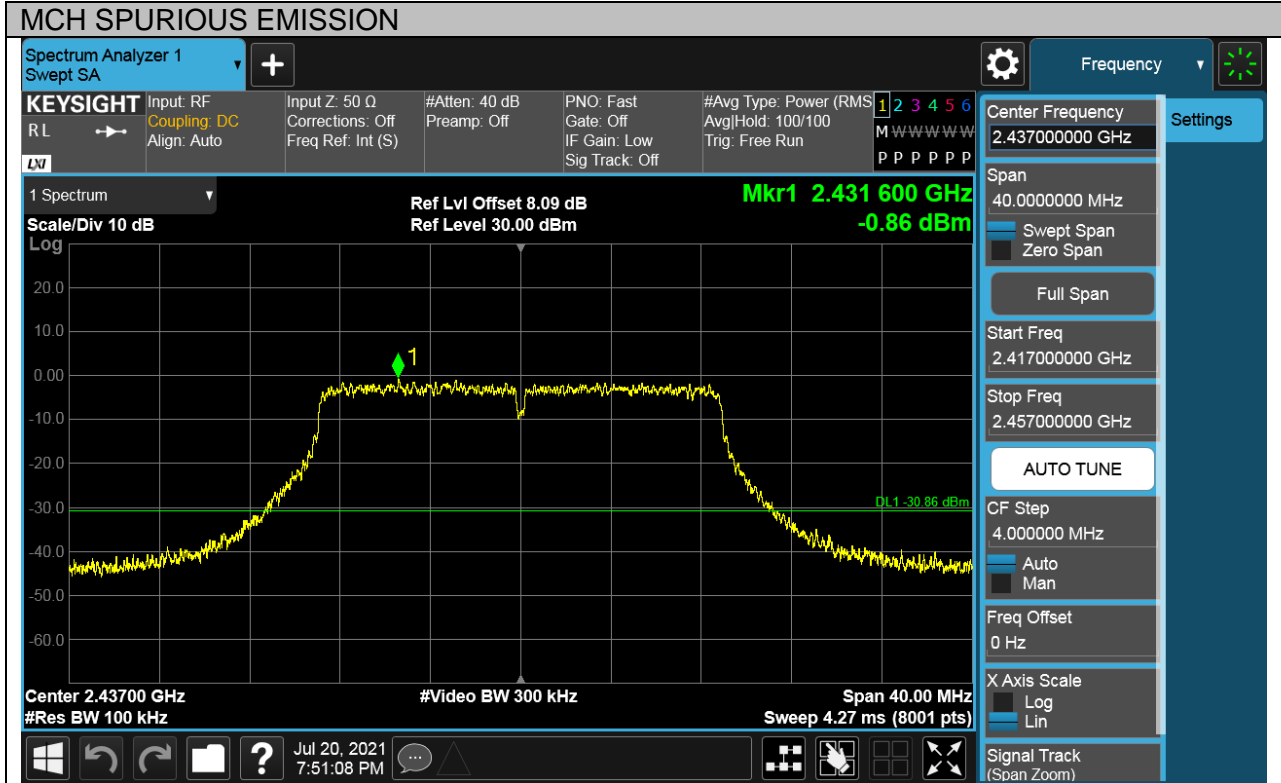
Puw test Plot





Test Mode	Channel	Verdict
11N HT20	MCH	PASS

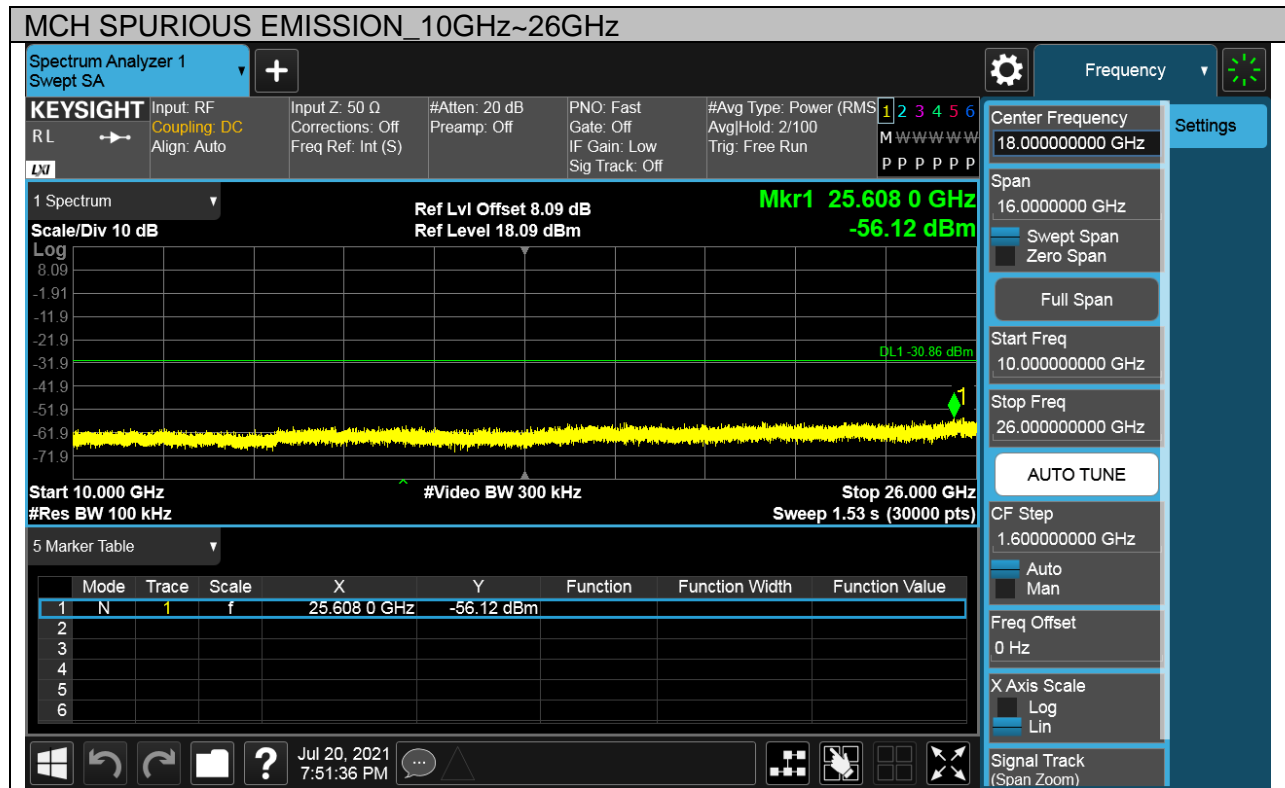
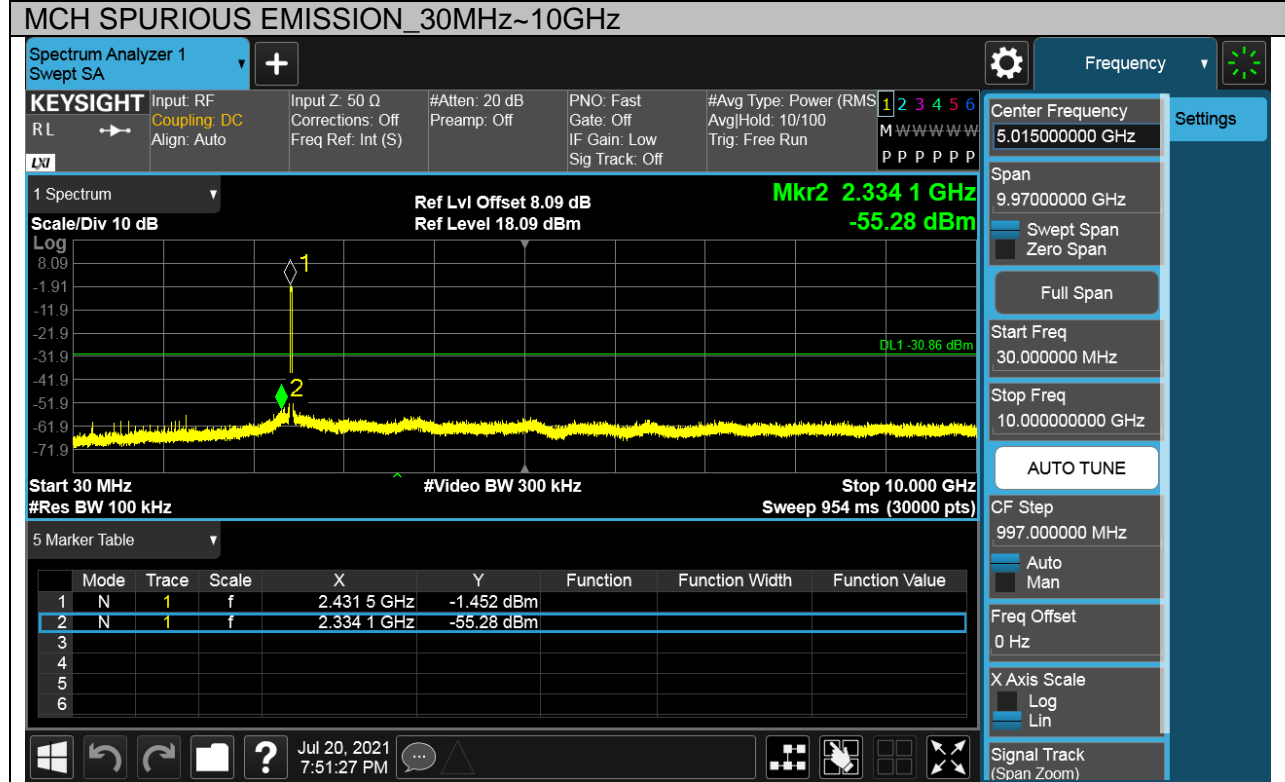
Pref test Plot







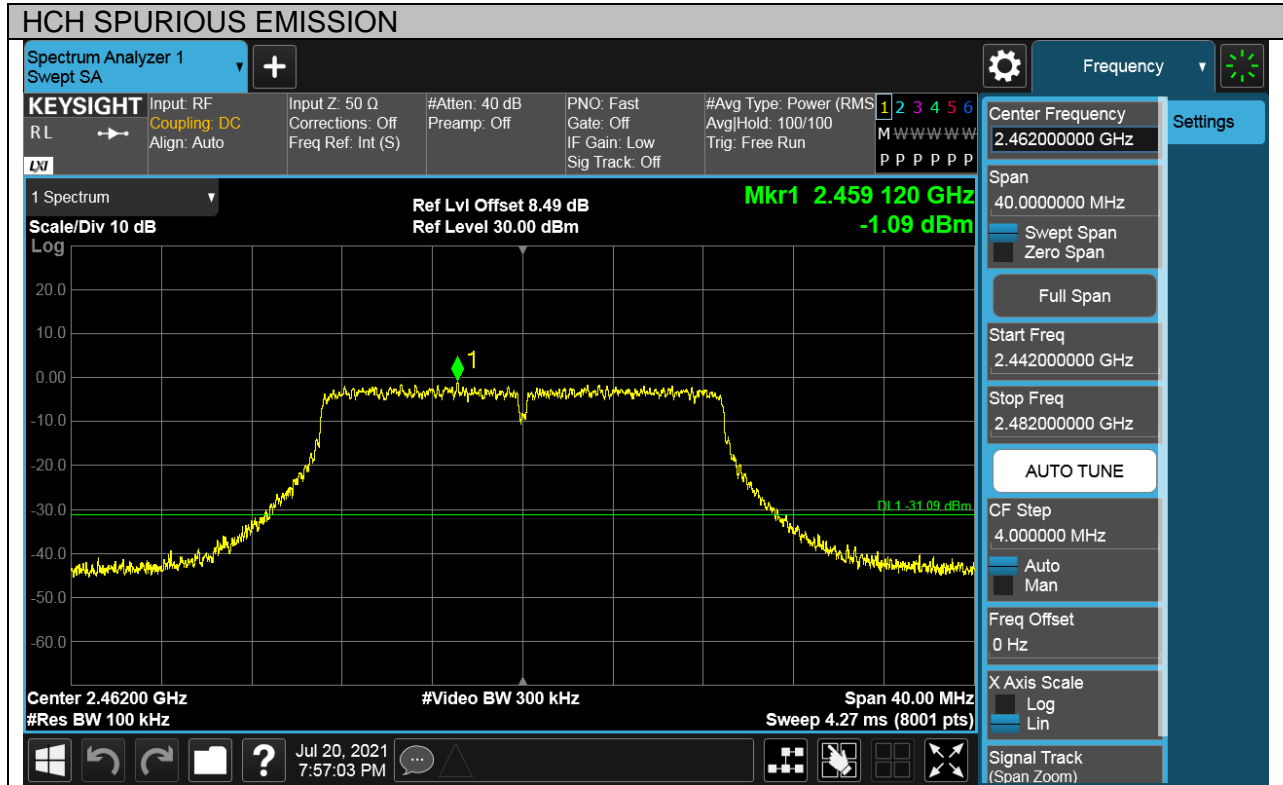
Puw test Plot





Test Mode	Channel	Verdict
11N HT20	HCH	PASS

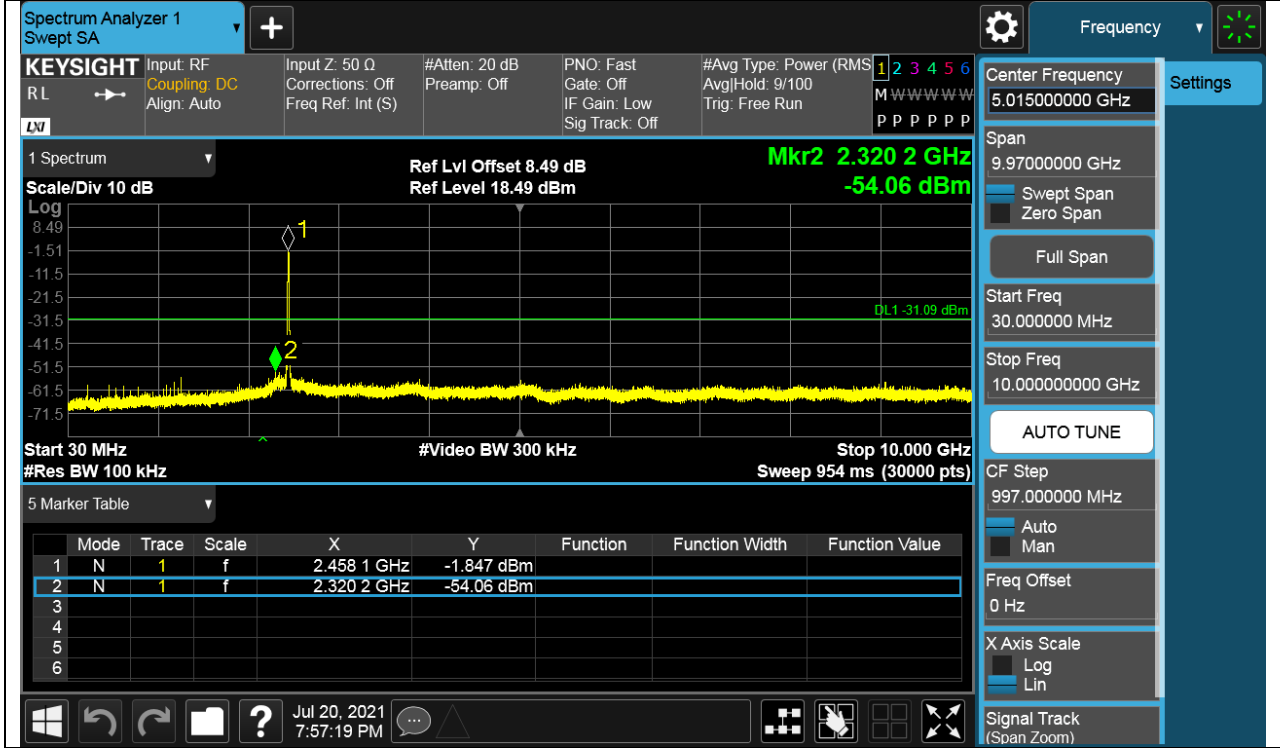
Pref test Plot



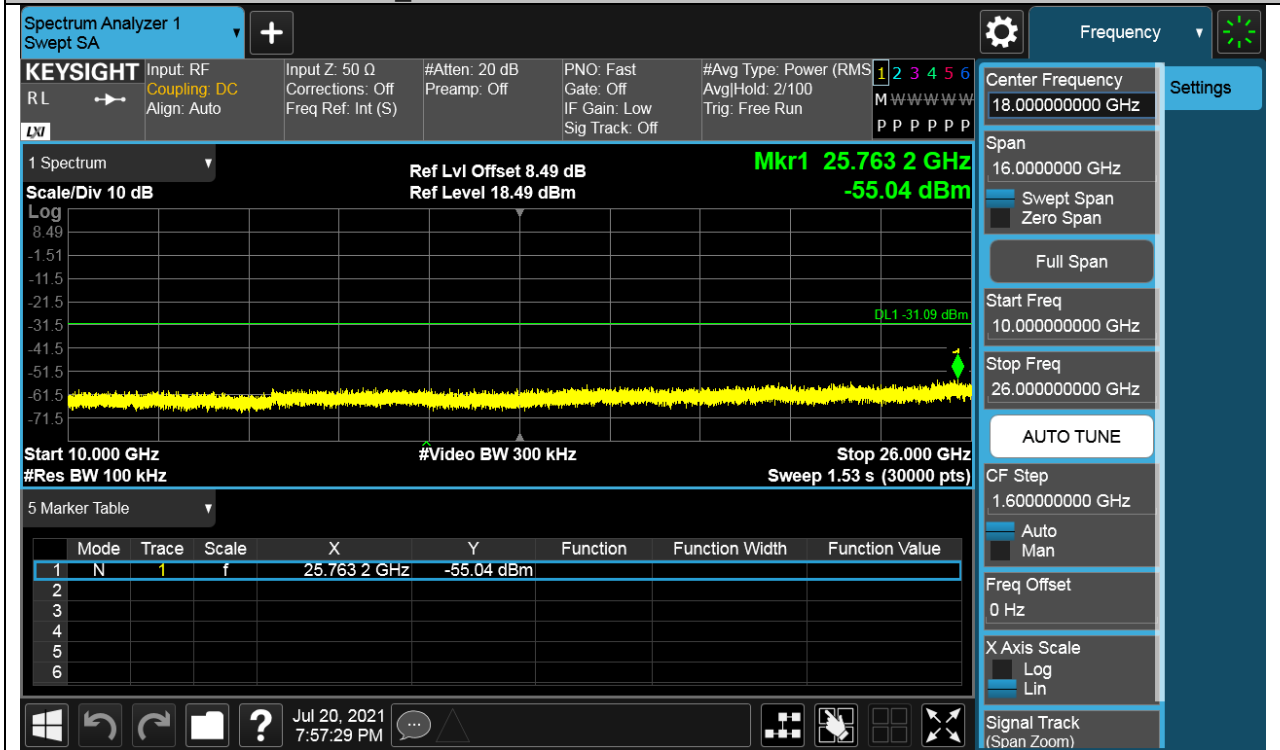


Puw test Plot

HCH SPURIOUS EMISSION\_30MHz~10GHz



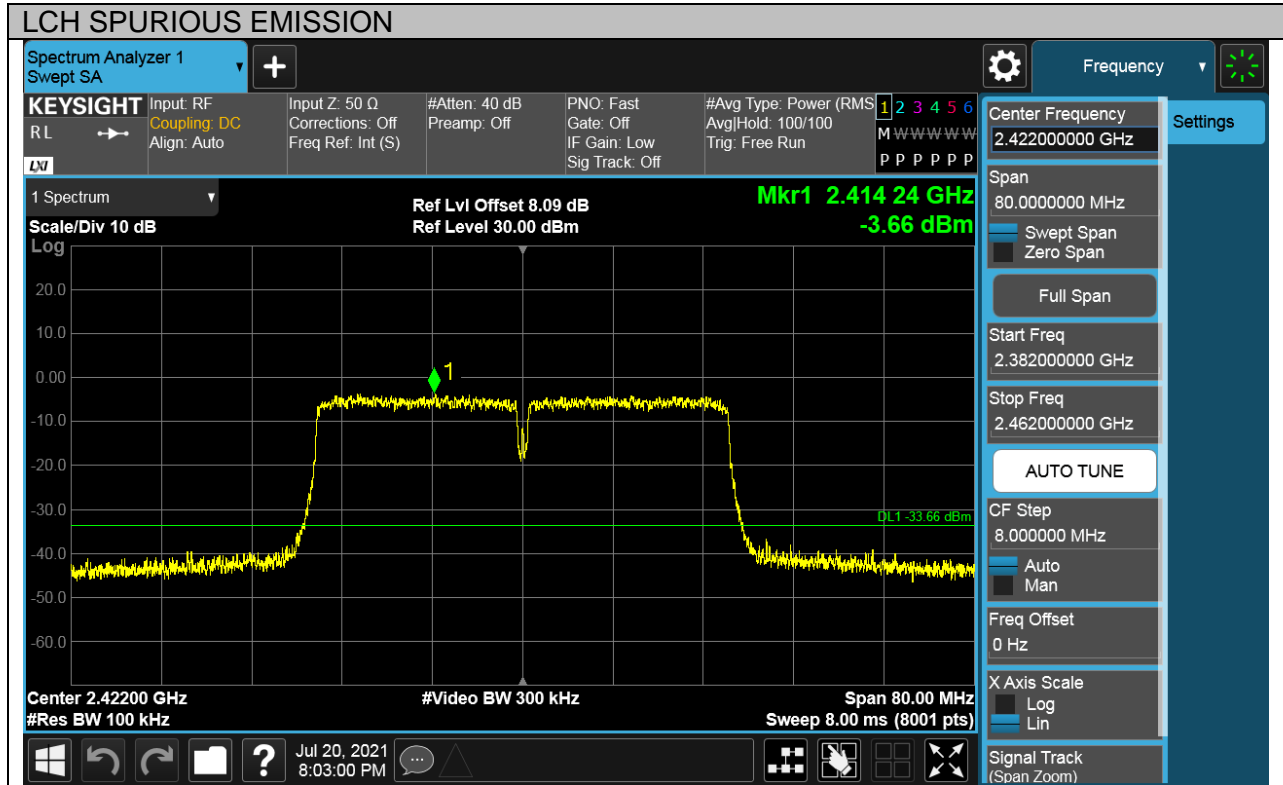
HCH SPURIOUS EMISSION\_10GHz~26GHz





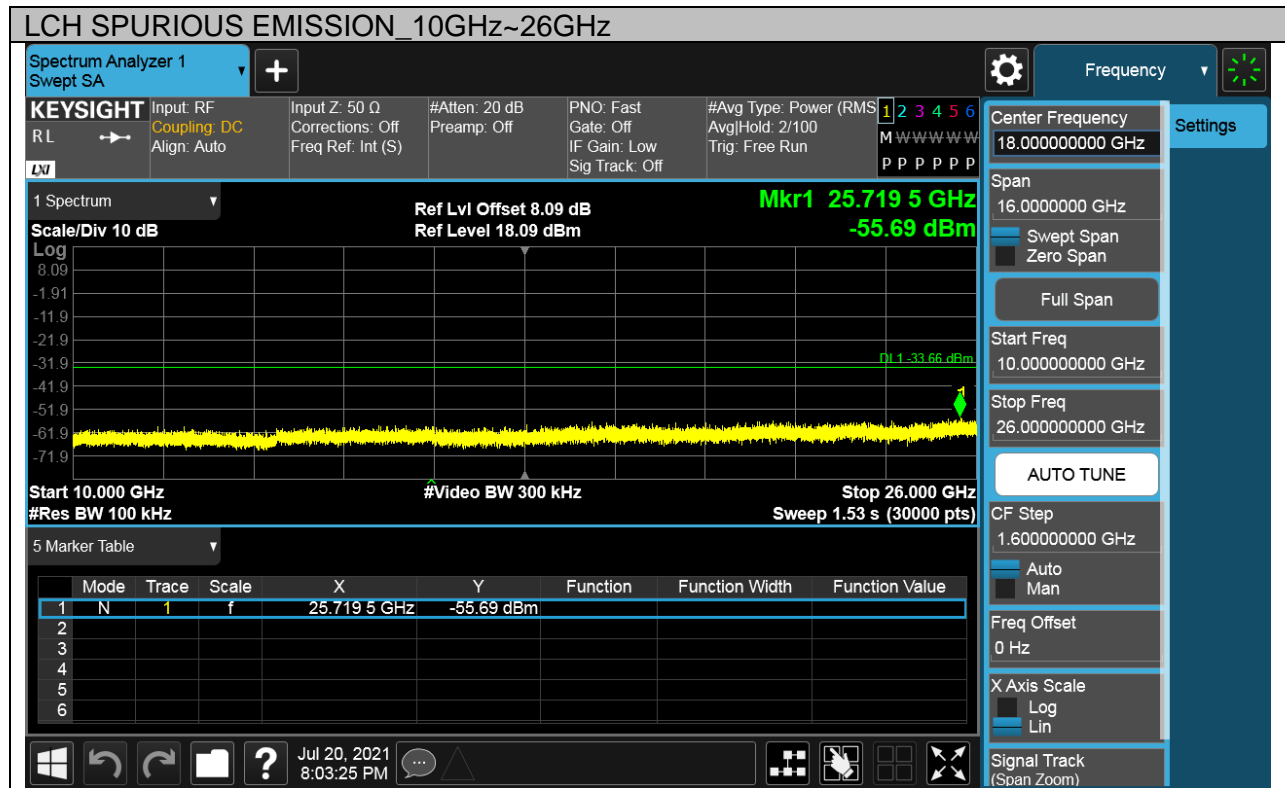
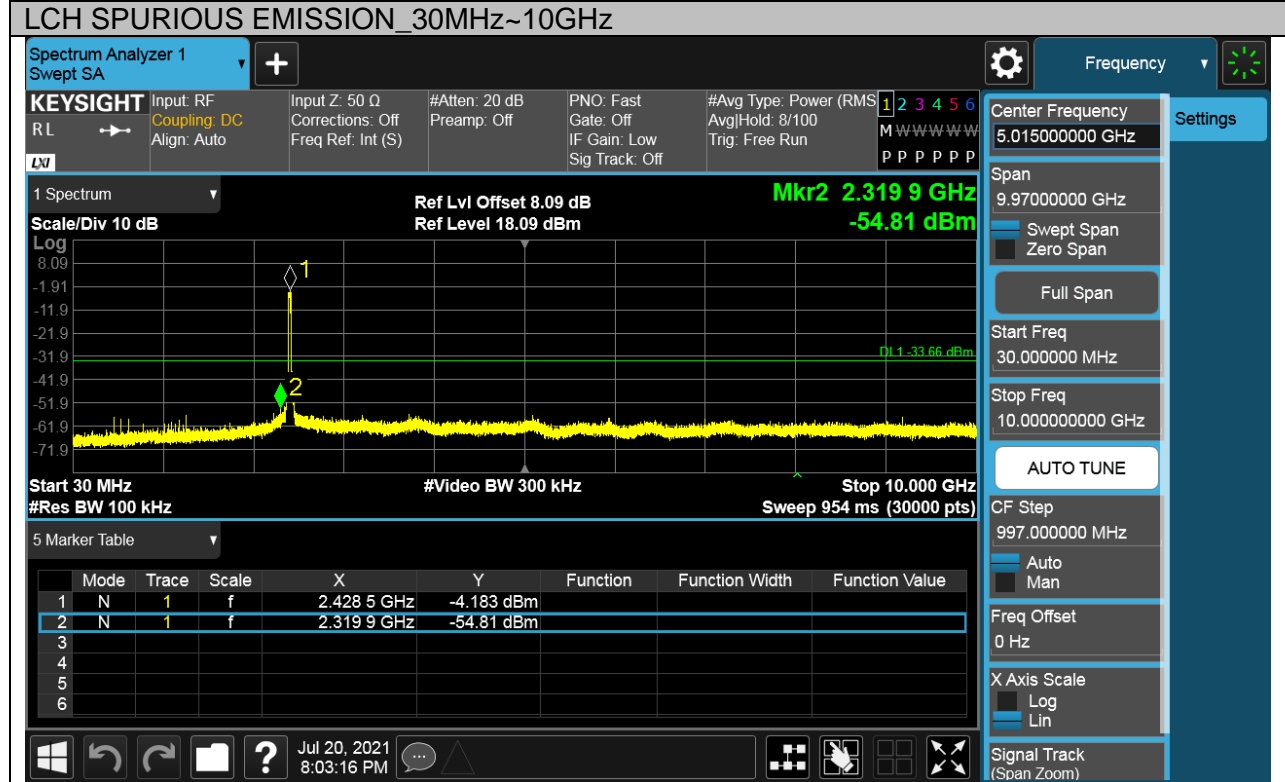
Test Mode	Channel	Verdict
11N HT40	LCH	PASS

Pref test Plot





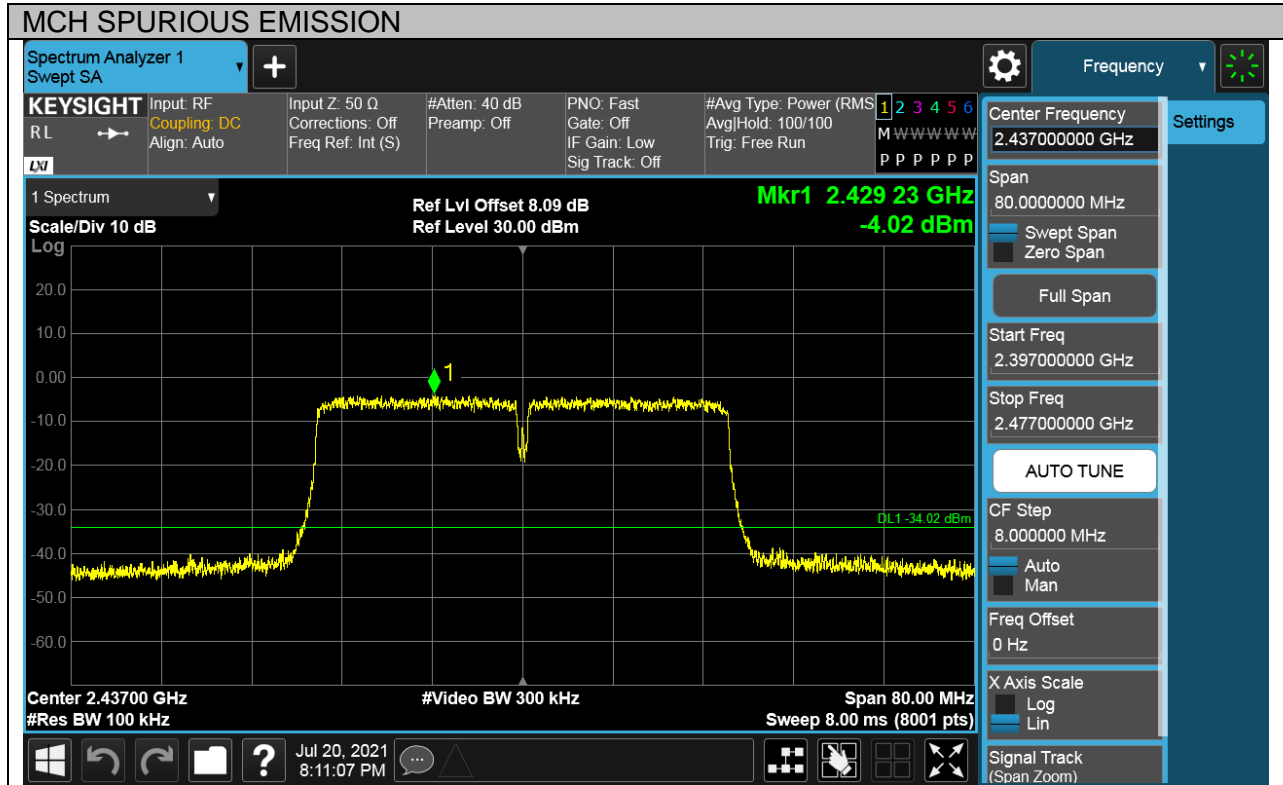
Puw test Plot





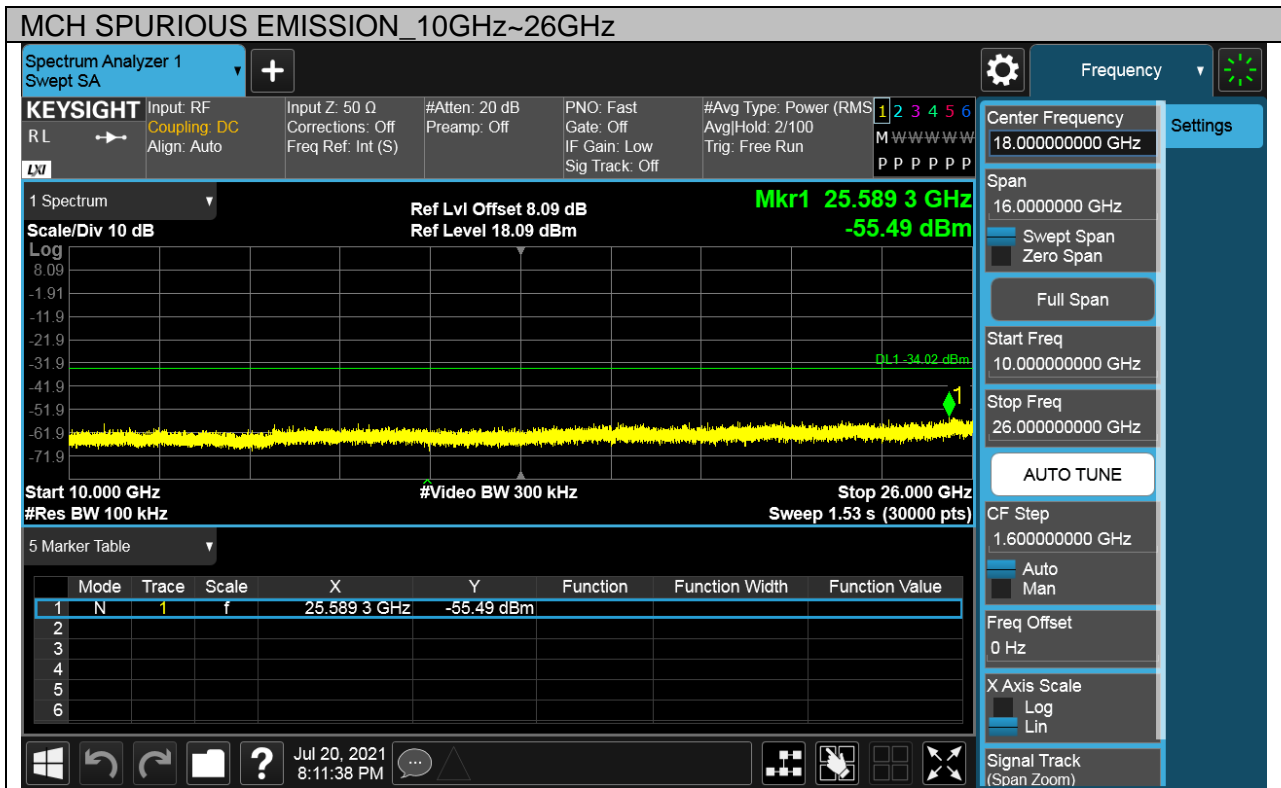
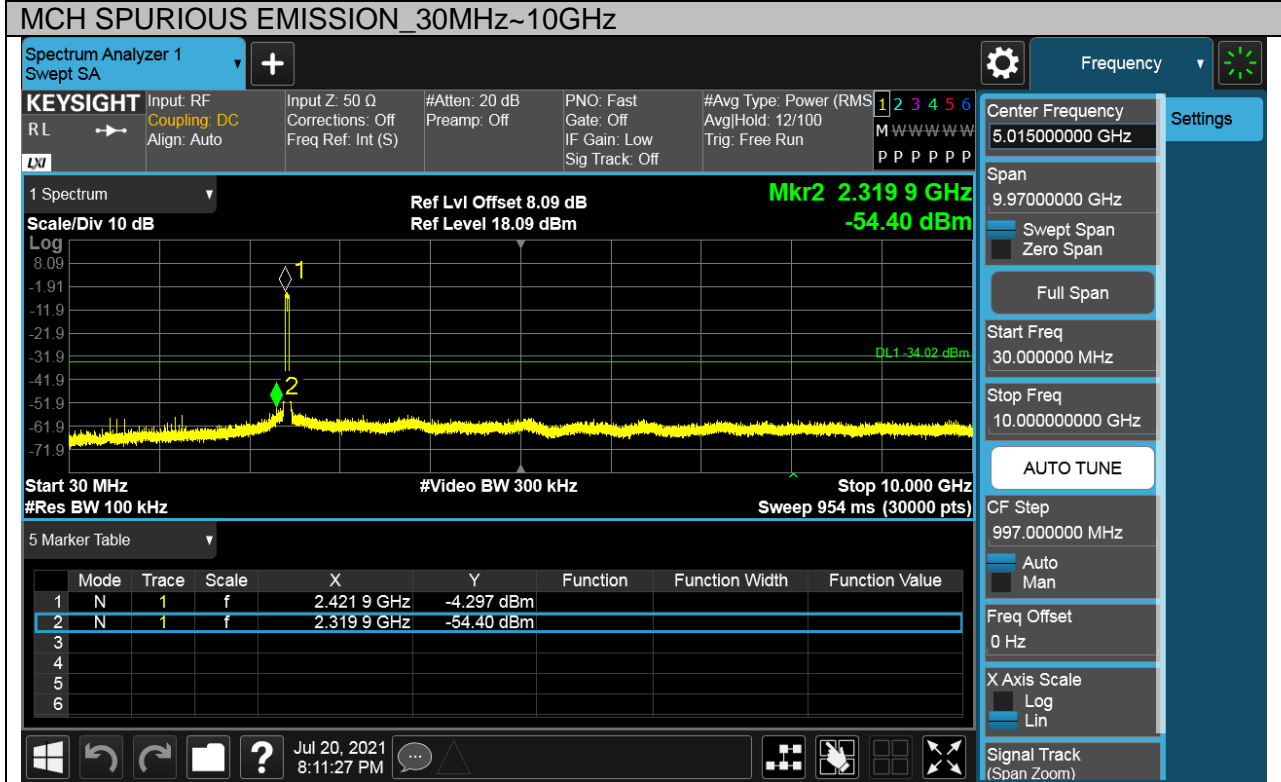
Test Mode	Channel	Verdict
11N HT40	MCH	PASS

Pref test Plot





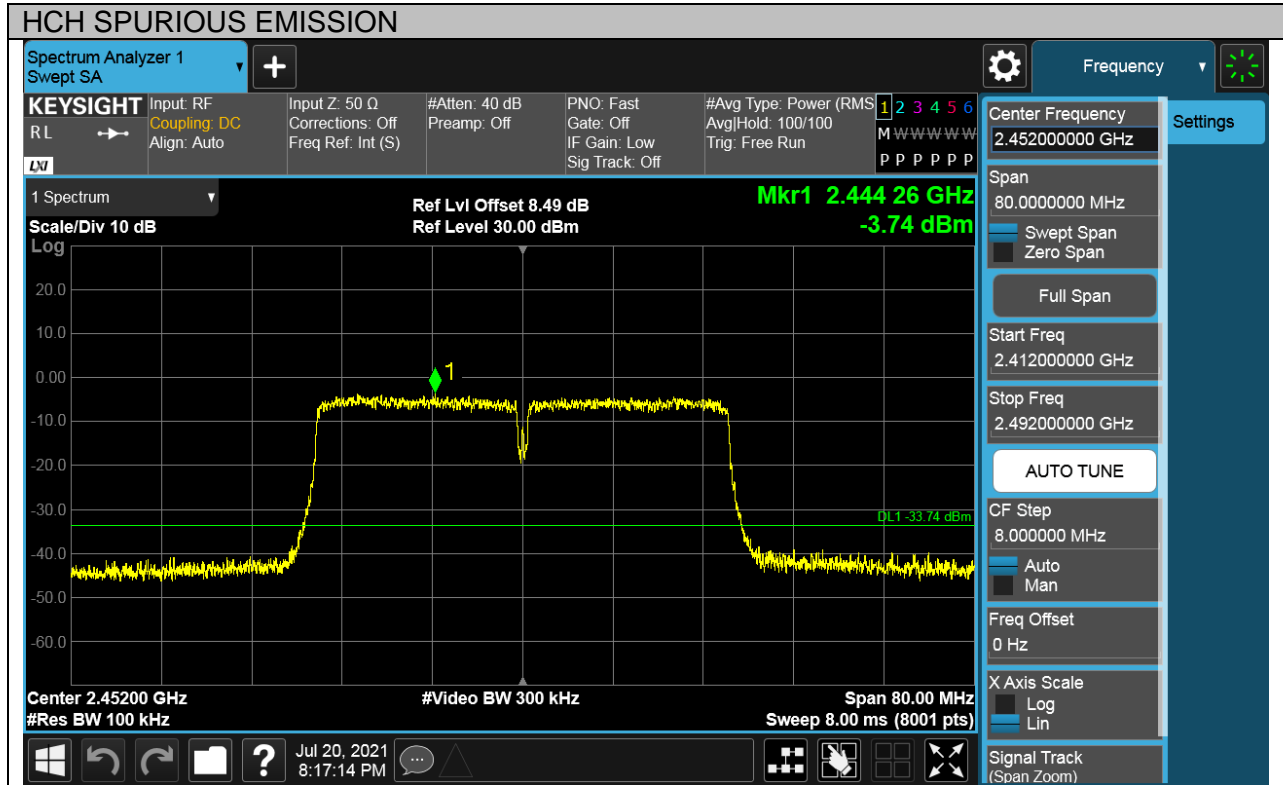
Puw test Plot





Test Mode	Channel	Verdict
11N HT40	HCH	PASS

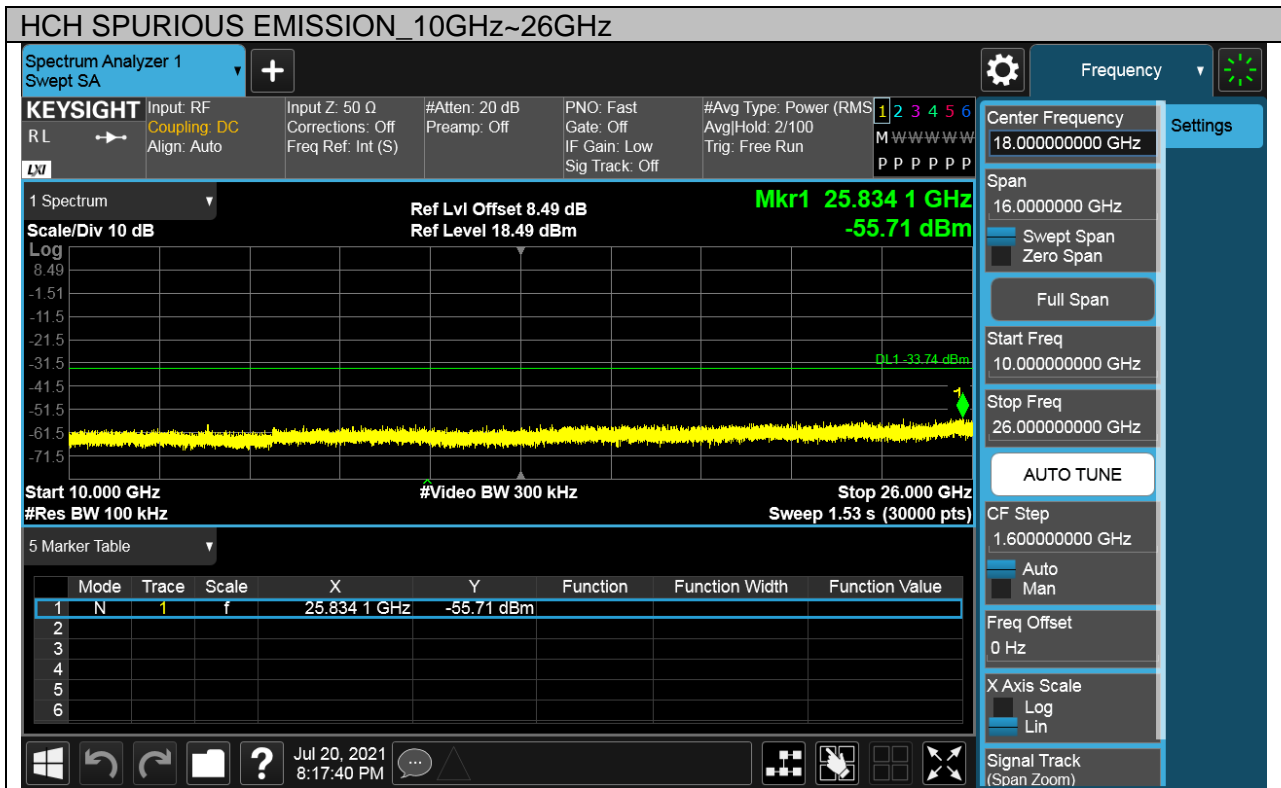
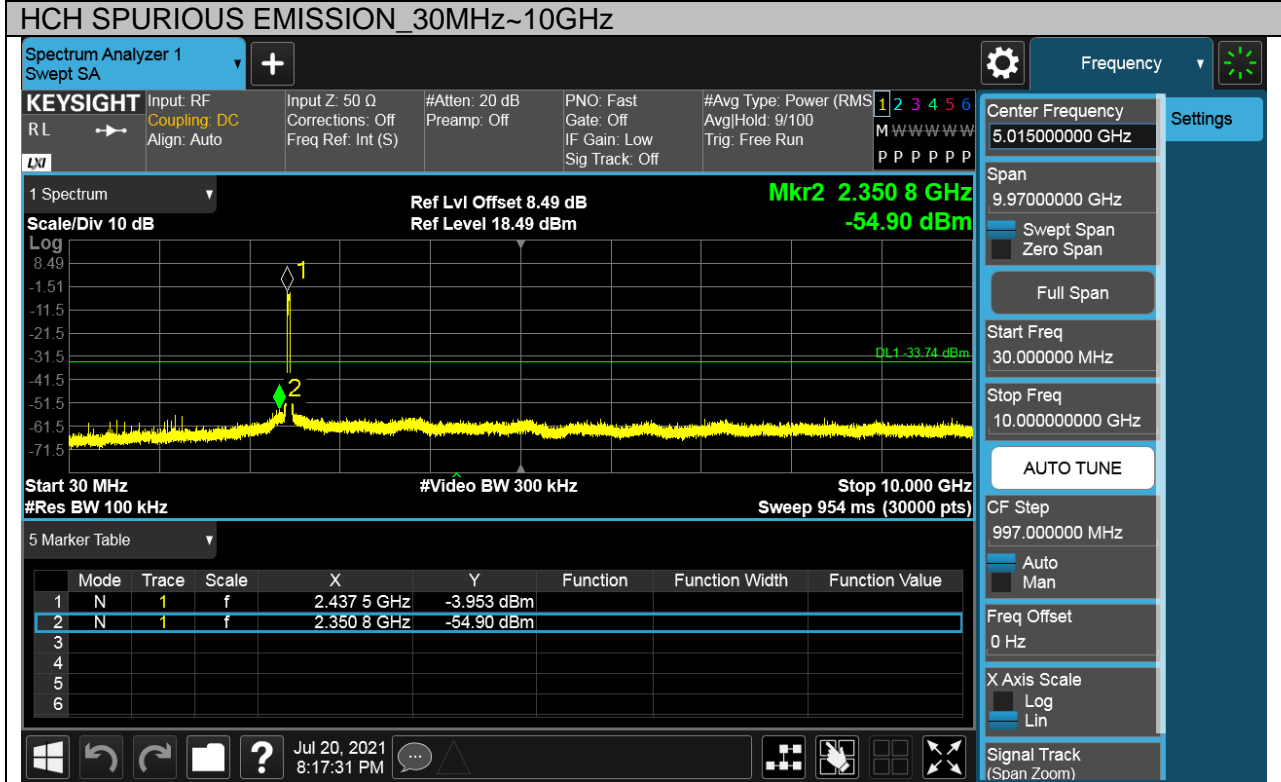
Pref test Plot







Puw test Plot





## 7.6. RADIATED TEST RESULTS

### 7.6.1. LIMITS AND PROCEDURE

#### LIMITS

Please refer to FCC §15.205 and §15.209 (Transmitter)

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

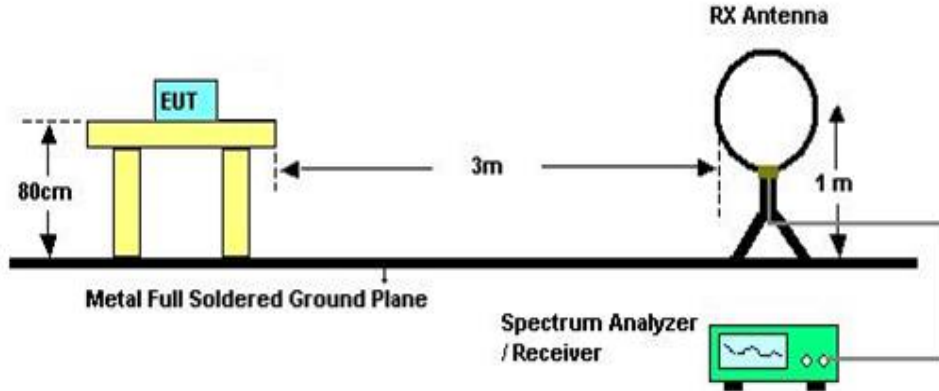
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
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

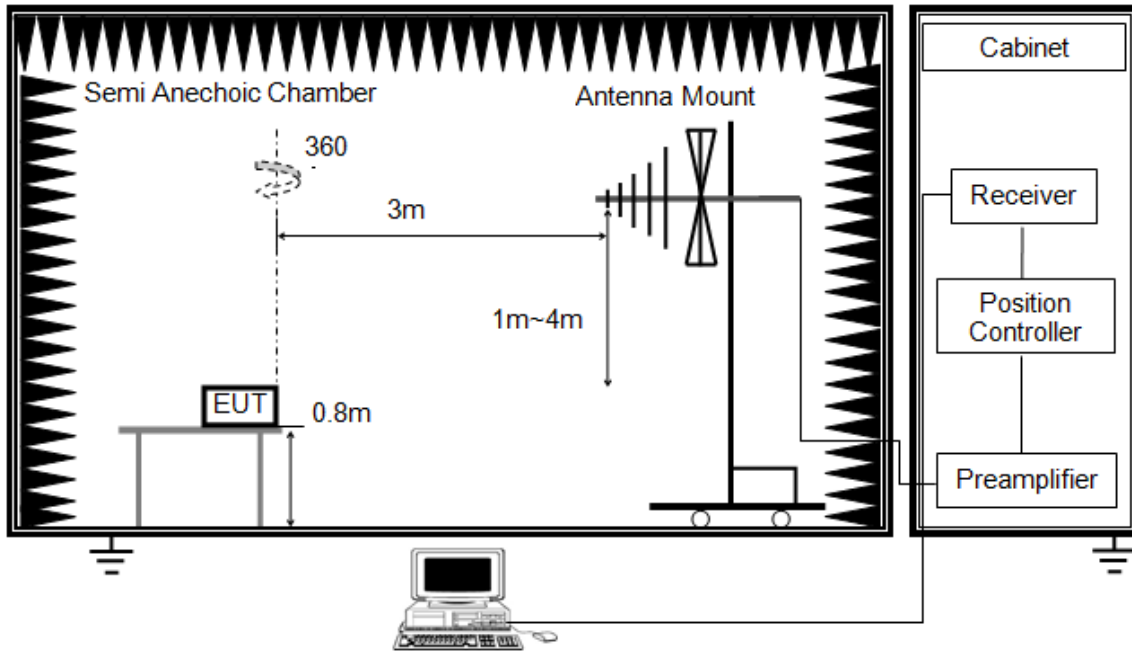


The setting of the spectrum analyser

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

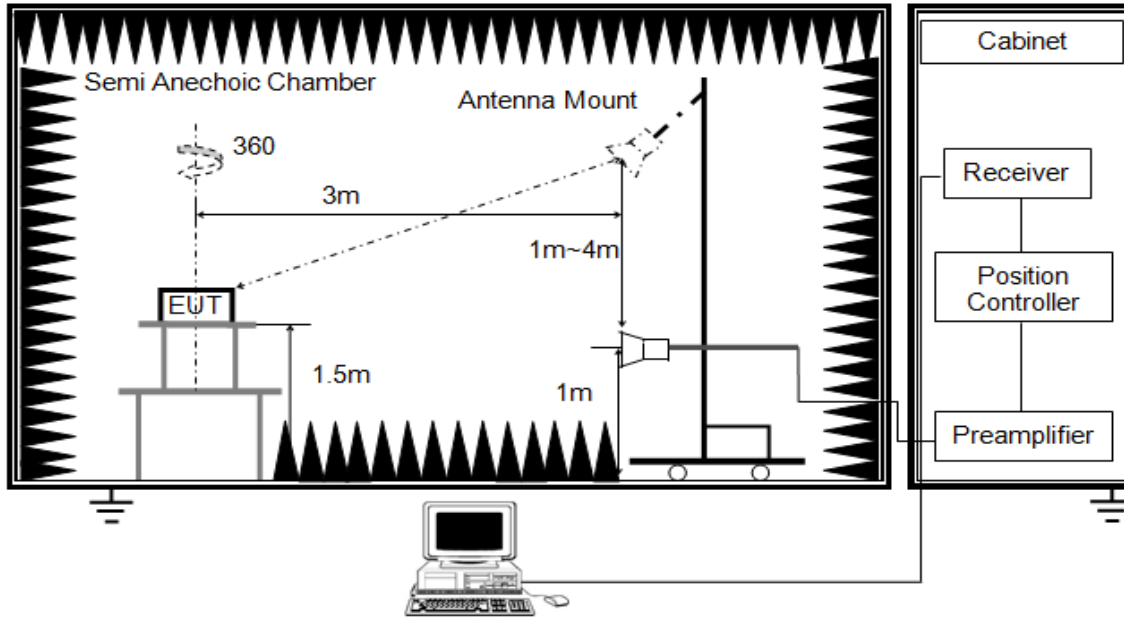


The setting of the spectrum analyser

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

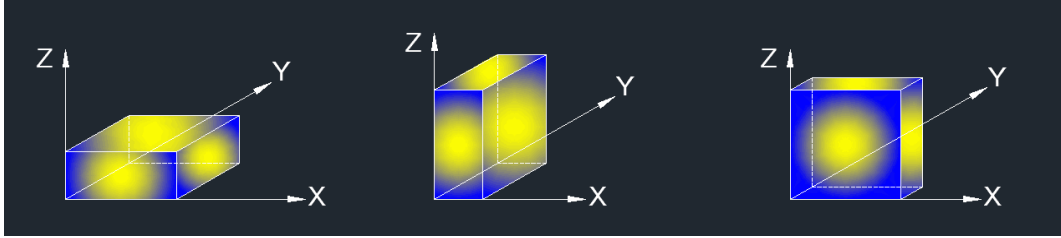


The setting of the spectrum analyser

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

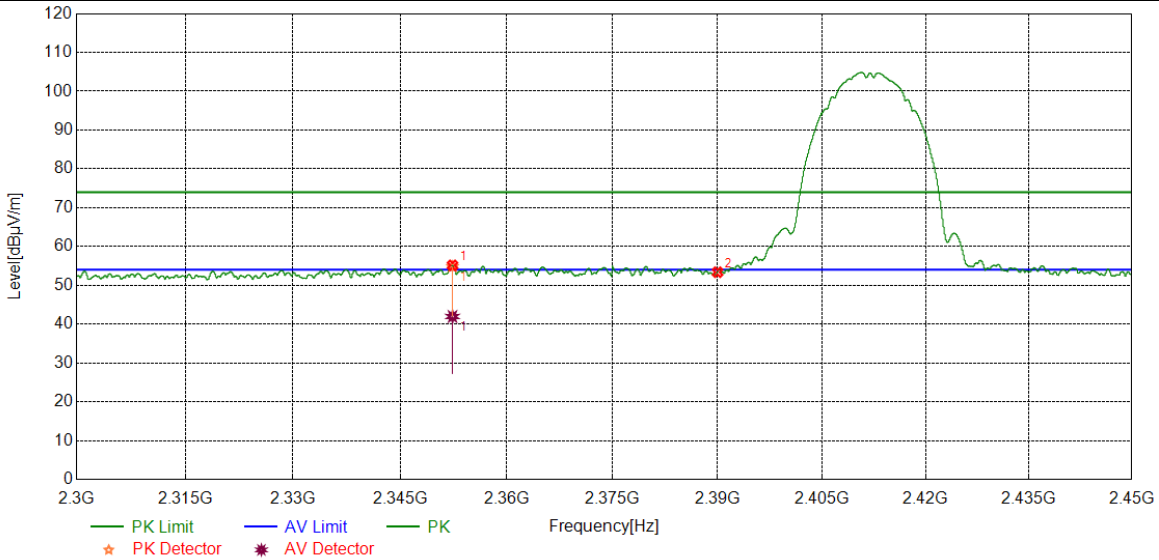
Remark:

- 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



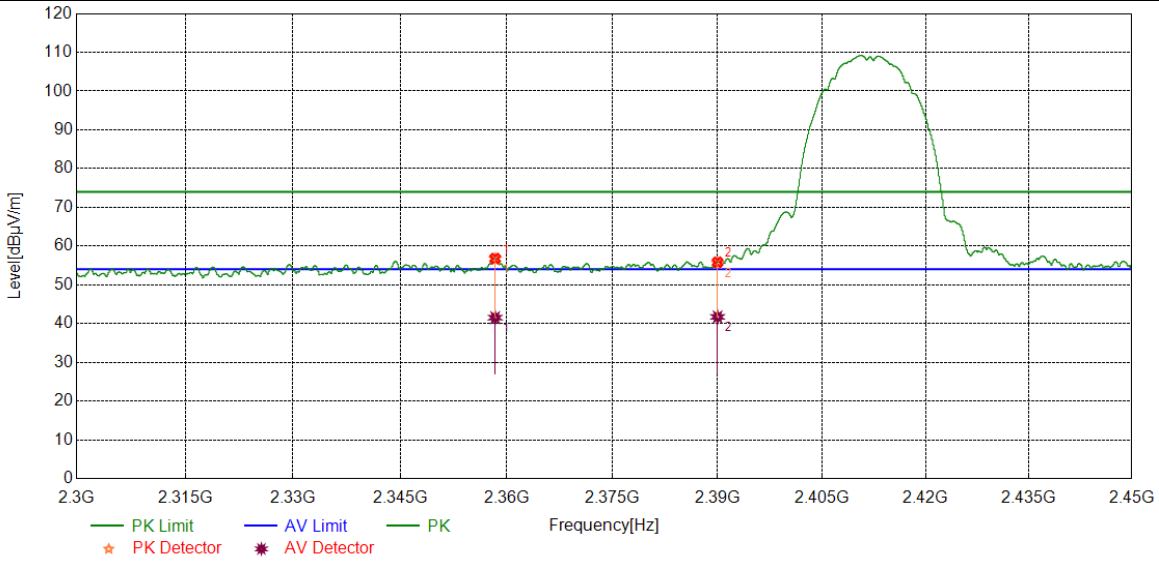
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2352.3565	42.44	12.71	55.15	74.00	-18.85	peak
		29.26	12.71	41.97	54.00	-12.03	average
2	2390.0000	40.31	13.07	53.38	74.00	-20.62	peak

- 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

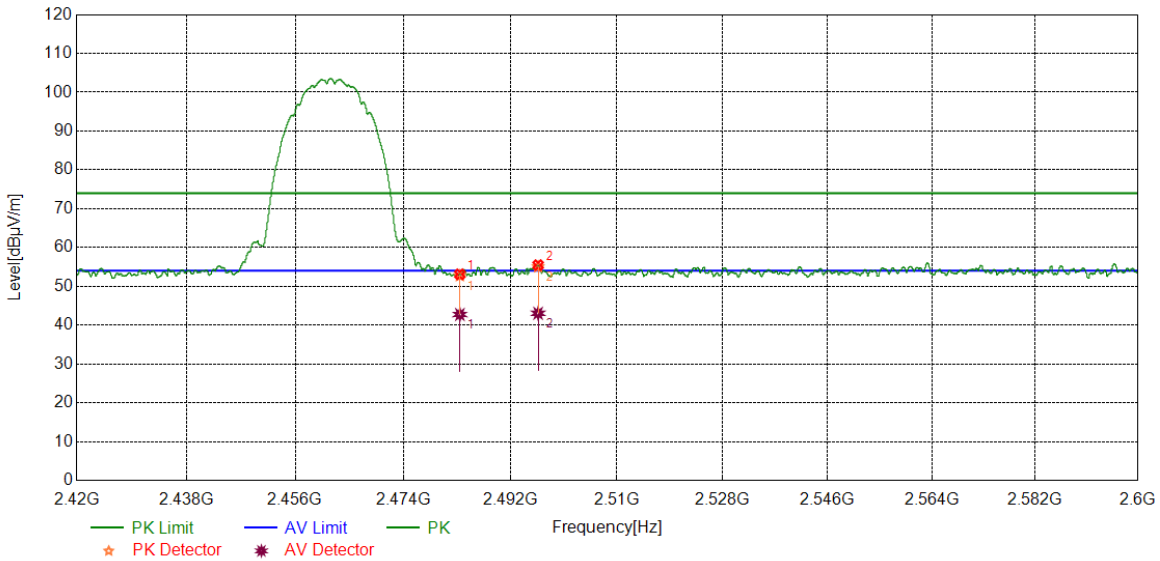


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2358.3760	44.03	12.76	56.79	74.00	-17.21	peak
		28.77	12.76	41.53	54.00	-12.47	average
2	2390.0000	42.76	13.07	55.83	74.00	-18.17	peak
		28.64	13.07	41.71	54.00	-12.29	average

- 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

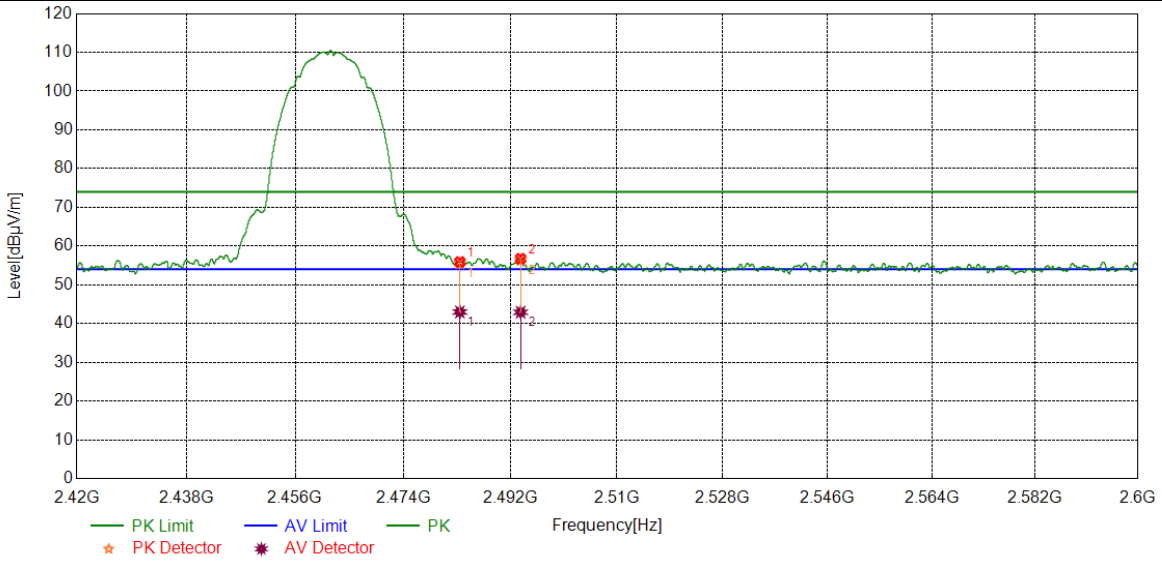


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.14	12.97	53.11	74.00	-20.89	peak
		29.78	12.97	42.75	54.00	-11.25	average
2	2496.6671	42.38	13.09	55.47	74.00	-18.53	peak
		29.96	13.09	43.05	54.00	-10.95	average

- 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

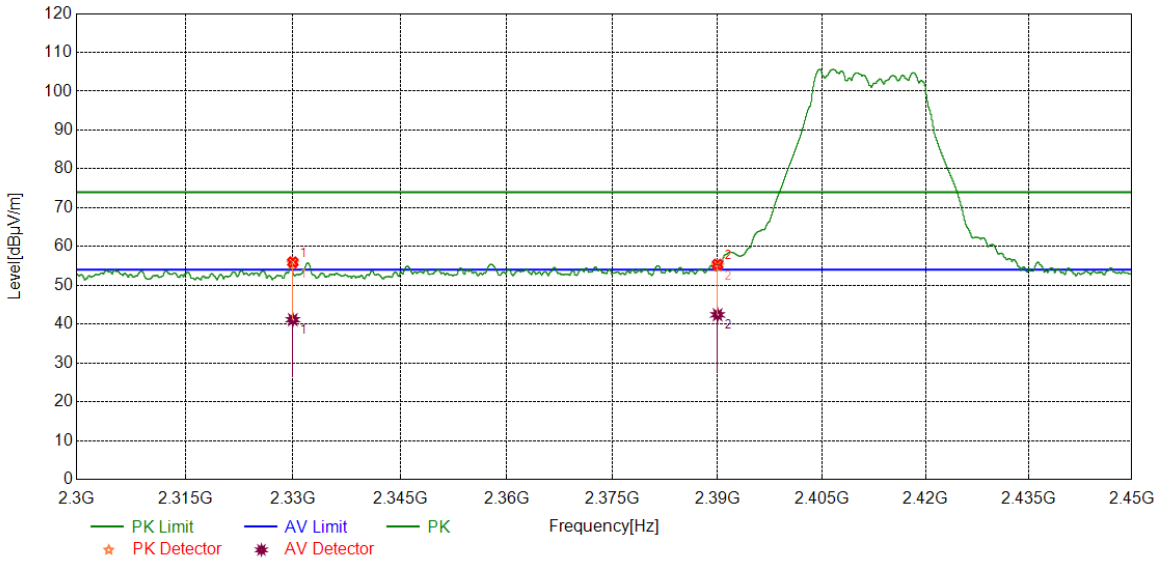


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	42.94	12.97	55.91	74.00	-18.09	peak
		30.03	12.97	43.00	54.00	-11	average
2	2493.7192	43.71	13.05	56.76	74.00	-17.24	peak
		29.88	13.05	42.93	54.00	-11.07	average

- 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

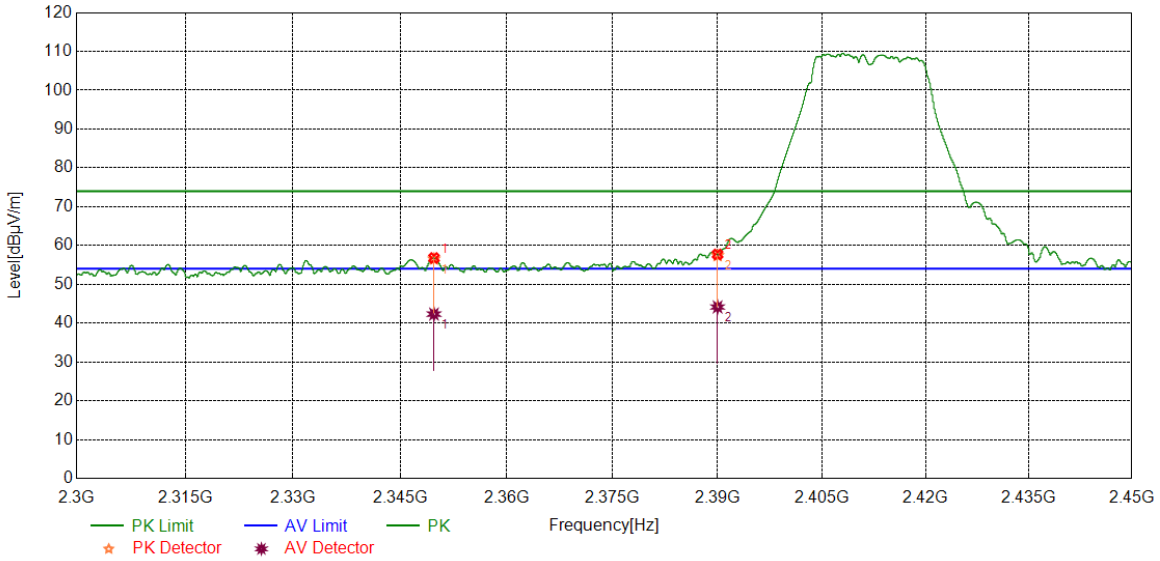


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2329.9662	43.49	12.47	55.96	74.00	-18.04	peak
		28.68	12.47	41.15	54.00	-12.85	average
2	2390.0000	42.30	13.07	55.37	74.00	-18.63	peak
		29.34	13.07	42.41	54.00	-11.59	average

- 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	Vertical	PASS

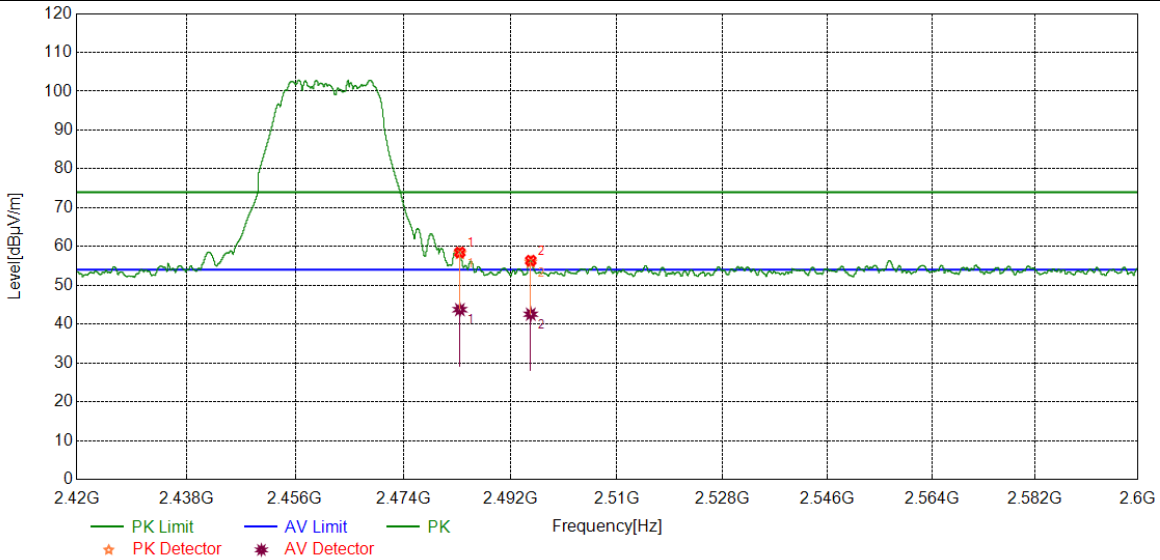


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2349.7500	44.10	12.69	56.79	74.00	-17.21	peak
		29.64	12.69	42.33	54.00	-11.67	average
2	2390.0000	44.64	13.07	57.71	74.00	-16.29	peak
		31.09	13.07	44.16	54.00	-9.84	average

- 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	Horizontal	PASS

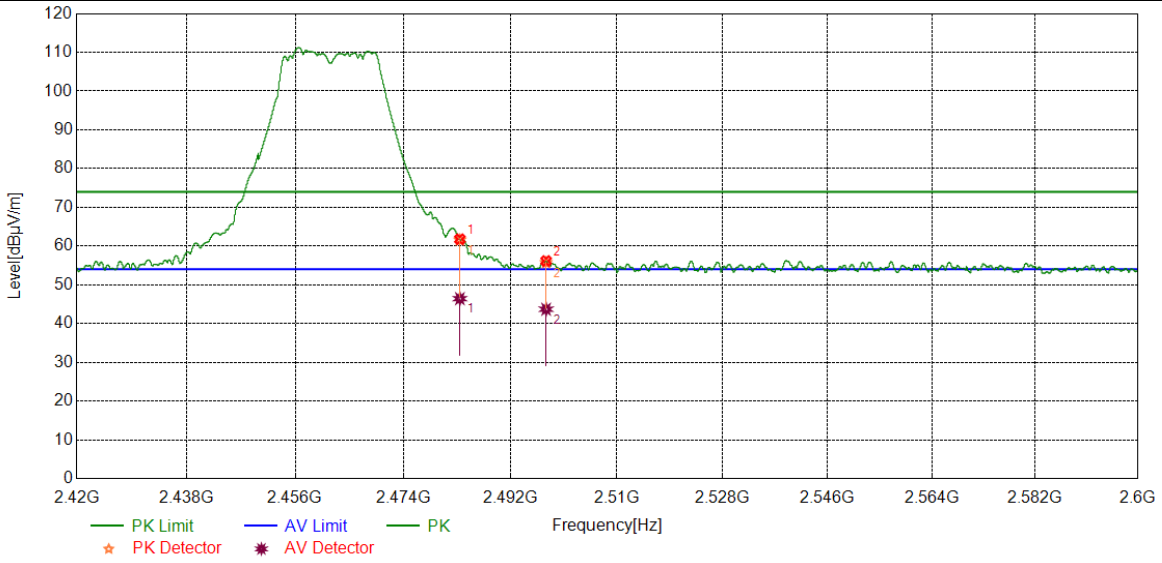


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	45.52	12.97	58.49	74.00	-15.51	peak
		30.77	12.97	43.74	54.00	-10.26	average
2	2495.4294	43.29	13.07	56.36	74.00	-17.64	peak
		29.49	13.07	42.56	54.00	-11.44	average

- 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

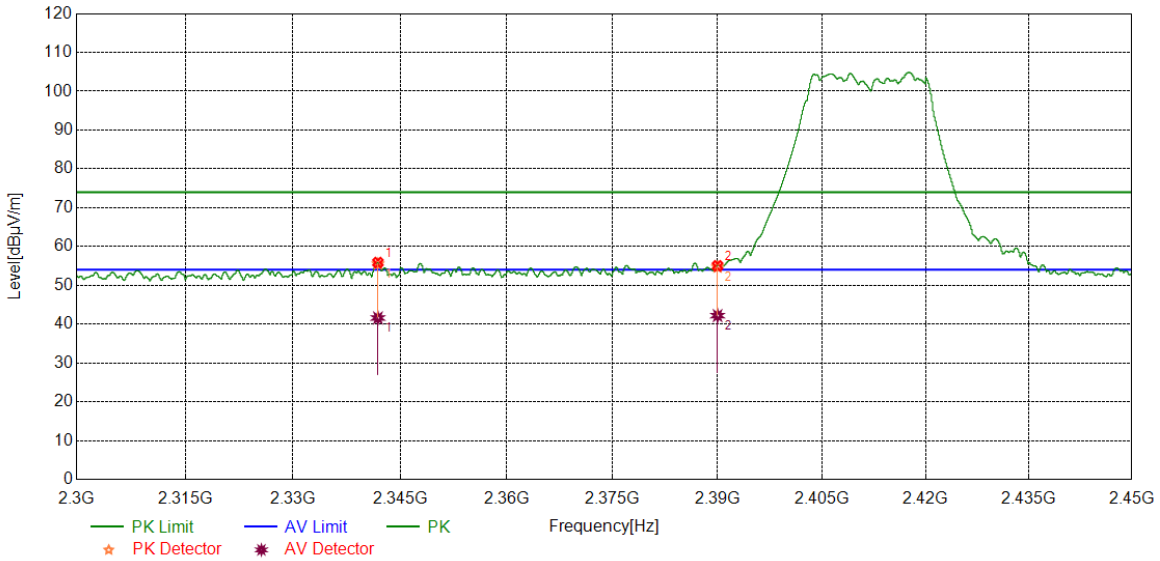


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	48.81	12.97	61.78	74.00	-12.22	peak
		33.46	12.97	46.43	54.00	-7.57	average
2	2498.0173	43.06	13.11	56.17	74.00	-17.83	peak
		30.59	13.11	43.70	54.00	-10.3	average

- 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



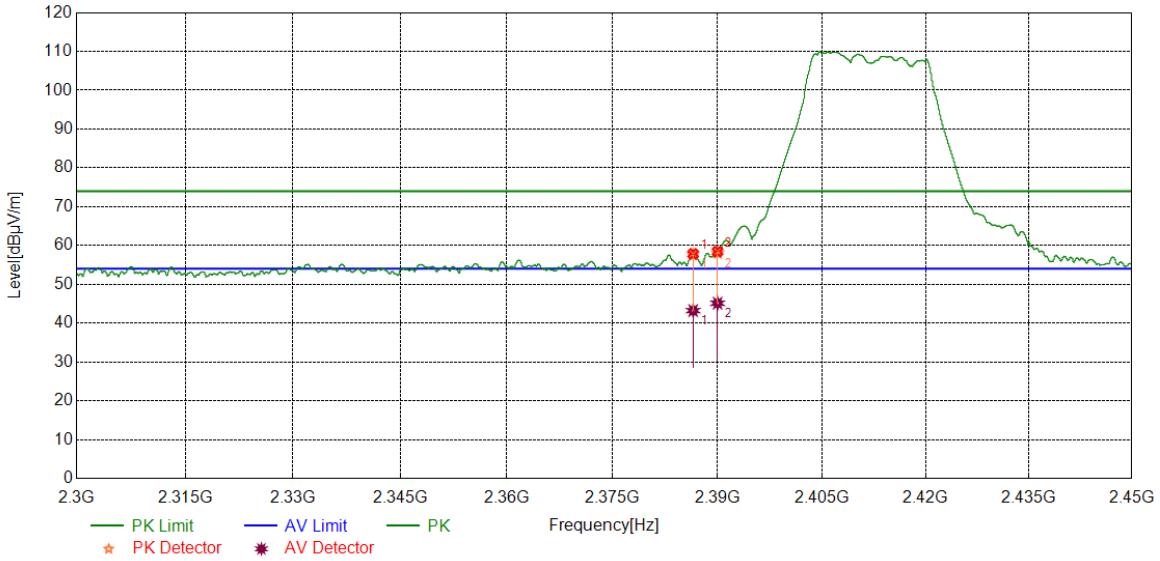
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2341.8740	43.26	12.61	55.87	74.00	-18.13	peak
		28.99	12.61	41.60	54.00	-12.4	average
2	2390.0000	41.94	13.07	55.01	74.00	-18.99	peak
		29.13	13.07	42.20	54.00	-11.8	average

- 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
11N HT20	LCH	Vertical	PASS

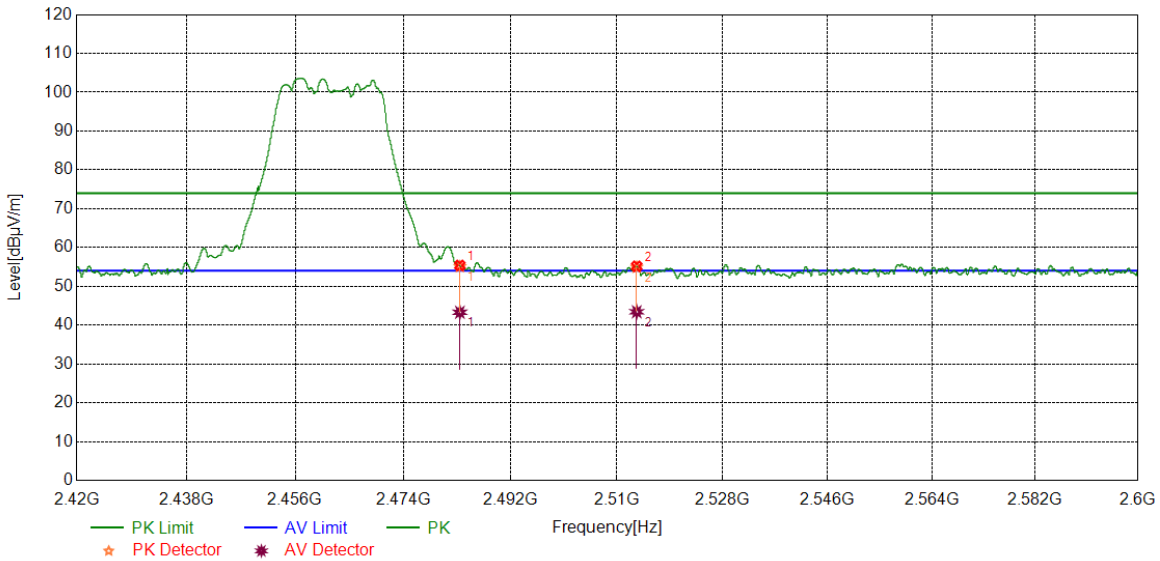


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2386.5046	44.79	13.06	57.85	74.00	-16.15	peak
		30.17	13.06	43.23	54.00	-10.77	average
2	2390.0000	45.39	13.07	58.46	74.00	-15.54	peak
		32.06	13.07	45.13	54.00	-8.87	average

- 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

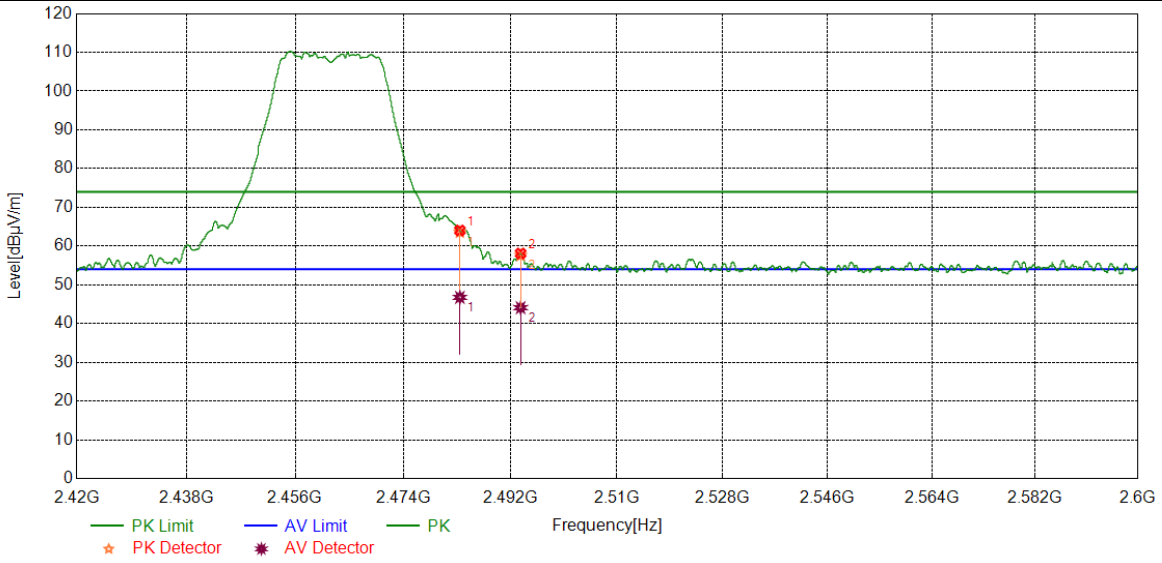


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	42.42	12.97	55.39	74.00	-18.61	peak
		30.34	12.97	43.31	54.00	-10.69	average
2	2513.3642	41.95	13.21	55.16	74.00	-18.84	peak
		30.23	13.21	43.44	54.00	-10.56	average

- 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

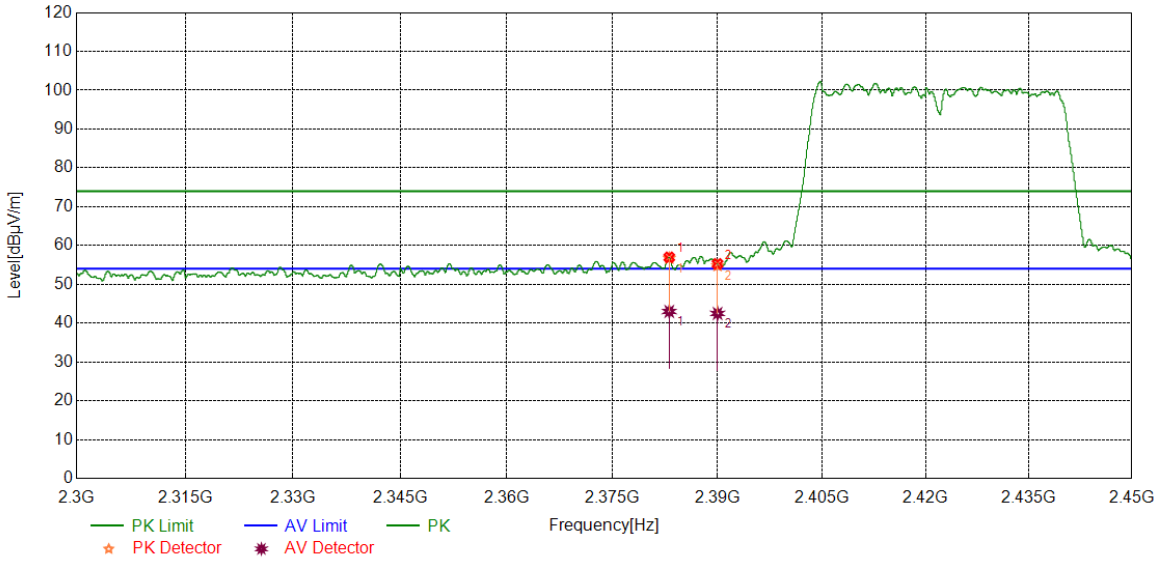


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	51.07	12.97	64.04	74.00	-9.96	peak
		33.79	12.97	46.76	54.00	-7.24	average
2	2493.7192	45.05	13.05	58.10	74.00	-15.9	peak
		31.05	13.05	44.10	54.00	-9.9	average

- 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

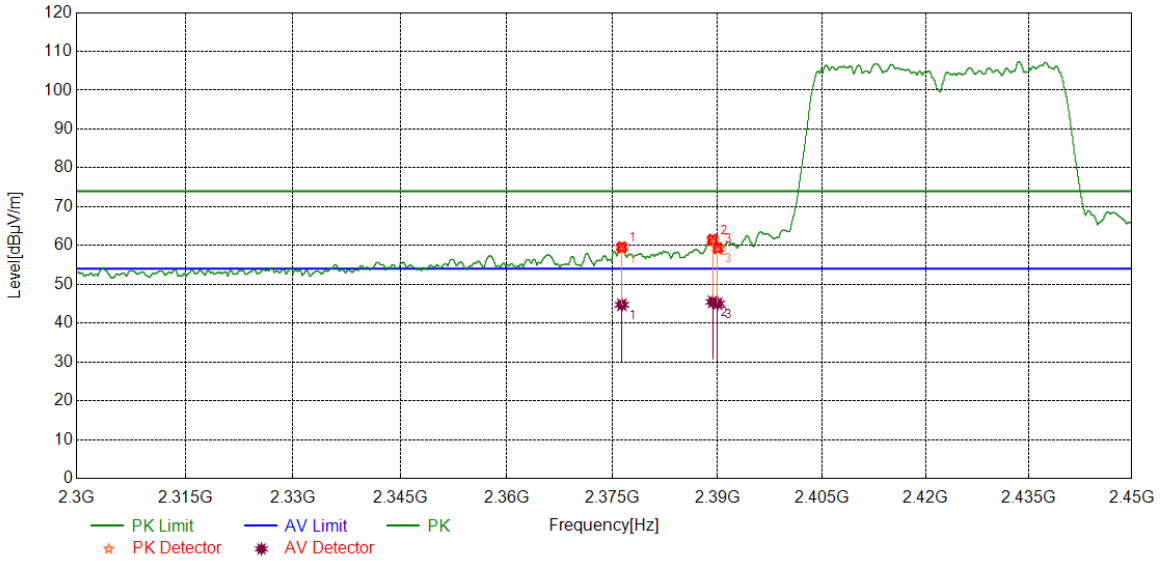


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2383.0916	43.90	13.06	56.96	74.00	-17.04	peak
		29.95	13.06	43.01	54.00	-10.99	average
2	2390.0000	42.20	13.07	55.27	74.00	-18.73	peak
		29.43	13.07	42.50	54.00	-11.50	average

- 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

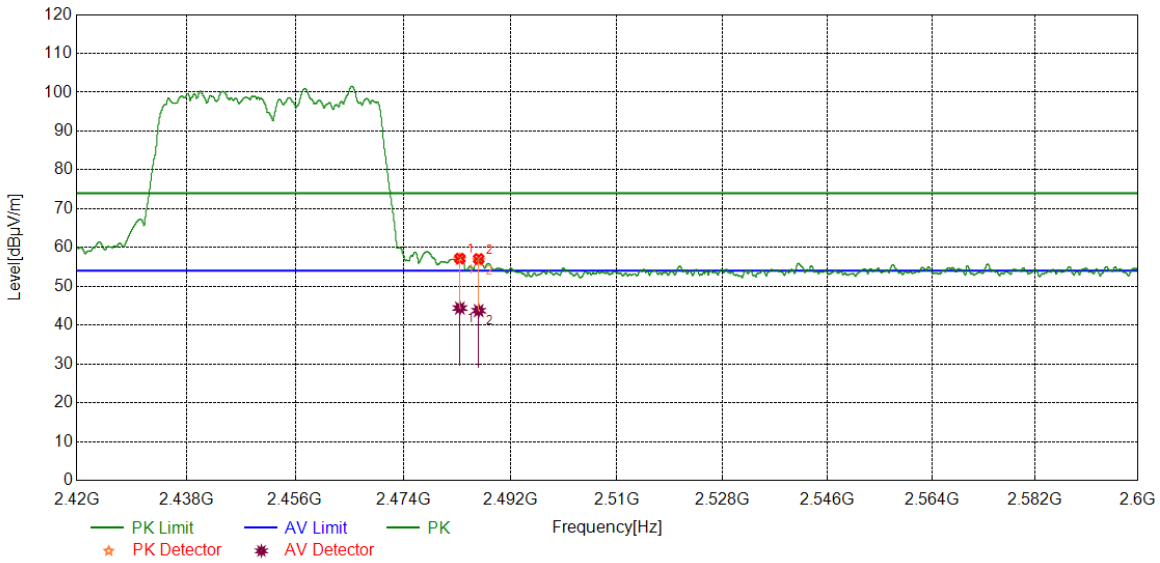


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2376.3408	46.58	13.01	59.59	74.00	-14.41	peak
		31.73	13.01	44.74	54.00	-9.26	average
2	2389.2987	48.45	13.07	61.52	74.00	-12.48	peak
		32.42	13.07	45.49	54.00	-8.51	average
3	2390.0000	46.29	13.07	59.36	74.00	-14.64	peak
		31.98	13.07	45.05	54.00	-8.95	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

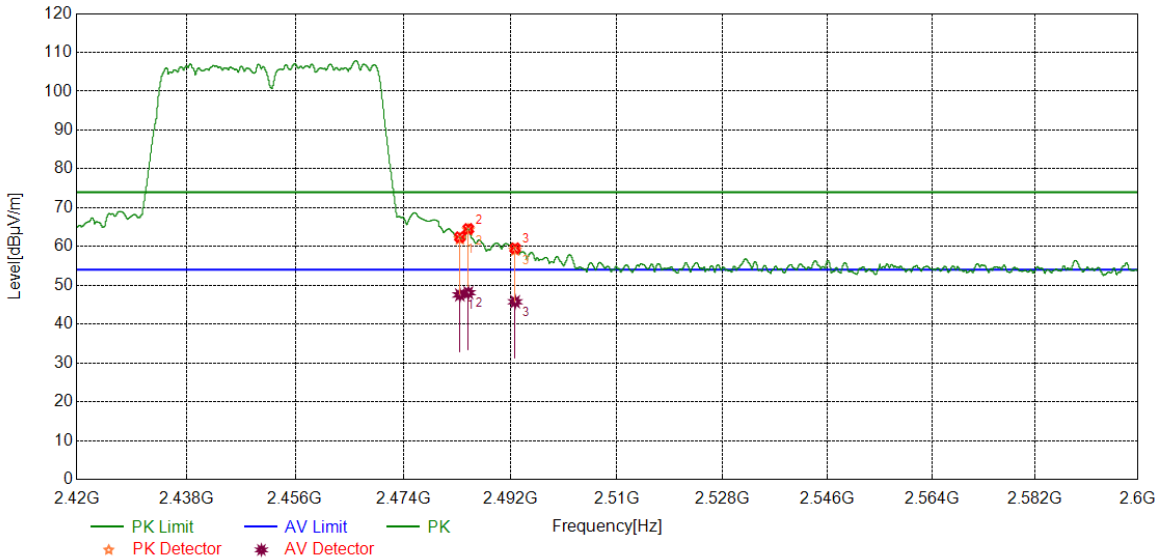


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	44.19	12.97	57.16	74.00	-16.84	peak
		31.43	12.97	44.40	54.00	-9.60	average
2	2486.6533	44.09	12.98	57.07	74.00	-16.93	peak
		30.76	12.98	43.74	54.00	-10.26	average

- 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	49.45	12.97	62.42	74.00	-11.58	peak
		34.56	12.97	47.53	54.00	-6.47	average
2	2484.9206	51.55	12.97	64.52	74.00	-9.48	peak
		35.13	12.97	48.10	54.00	-5.90	average
3	2492.7966	46.51	13.04	59.55	74.00	-14.45	peak
		32.72	13.04	45.76	54.00	-8.24	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:

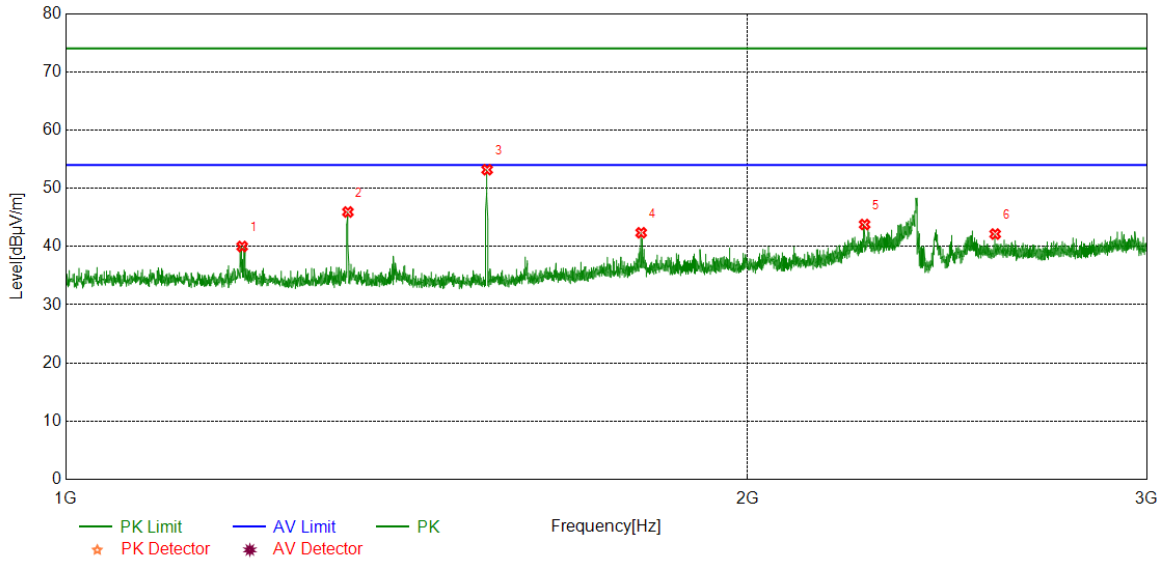
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.



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

**HARMONICS AND SPURIOUS EMISSIONS**

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

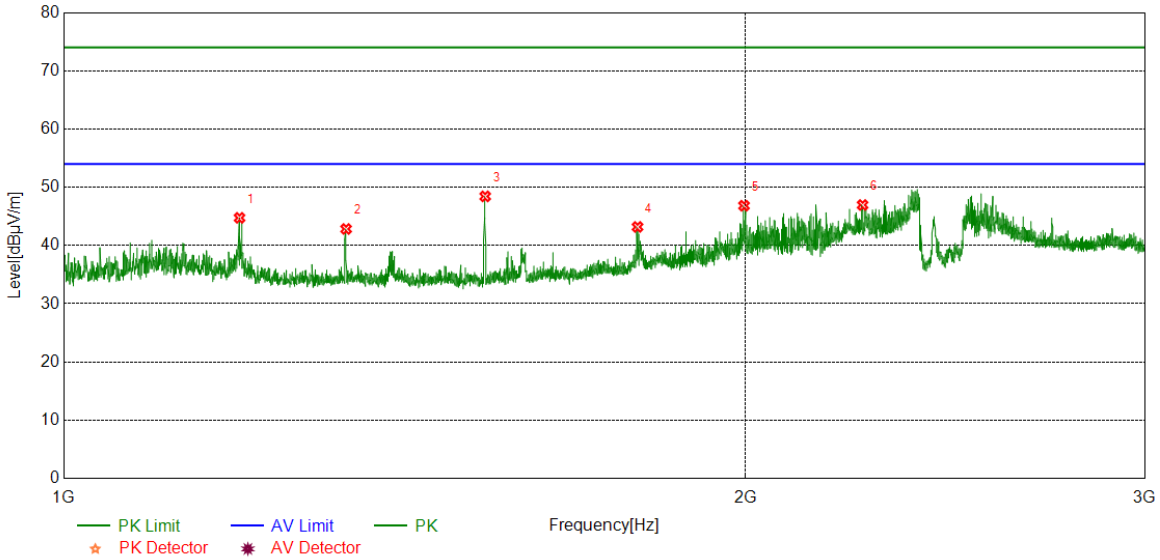


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.5246	45.56	-5.56	40.00	74.00	-34.00	peak
2	1332.2915	51.61	-5.68	45.93	74.00	-28.07	peak
3	1534.8169	58.95	-5.76	53.19	74.00	-20.81	peak
4	1794.8494	46.15	-3.79	42.36	74.00	-31.64	peak
5	2252.4066	45.86	-2.08	43.78	74.00	-30.22	peak
6	2571.9465	42.96	-0.82	42.14	74.00	-31.86	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
11B	LCH	Vertical	PASS

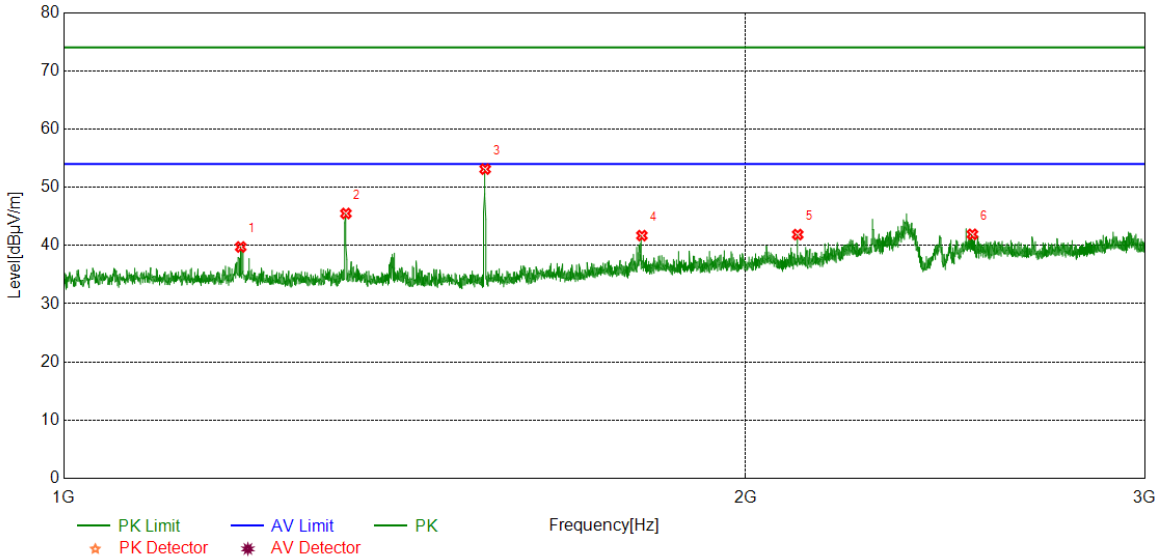


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.7745	50.31	-5.56	44.75	74.00	-29.25	peak
2	1332.5416	48.51	-5.67	42.84	74.00	-31.16	peak
3	1534.8169	54.20	-5.76	48.44	74.00	-25.56	peak
4	1791.8490	46.95	-3.76	43.19	74.00	-30.81	peak
5	1996.6246	49.85	-3.02	46.83	74.00	-27.17	peak
6	2252.4066	49.04	-2.08	46.96	74.00	-27.04	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

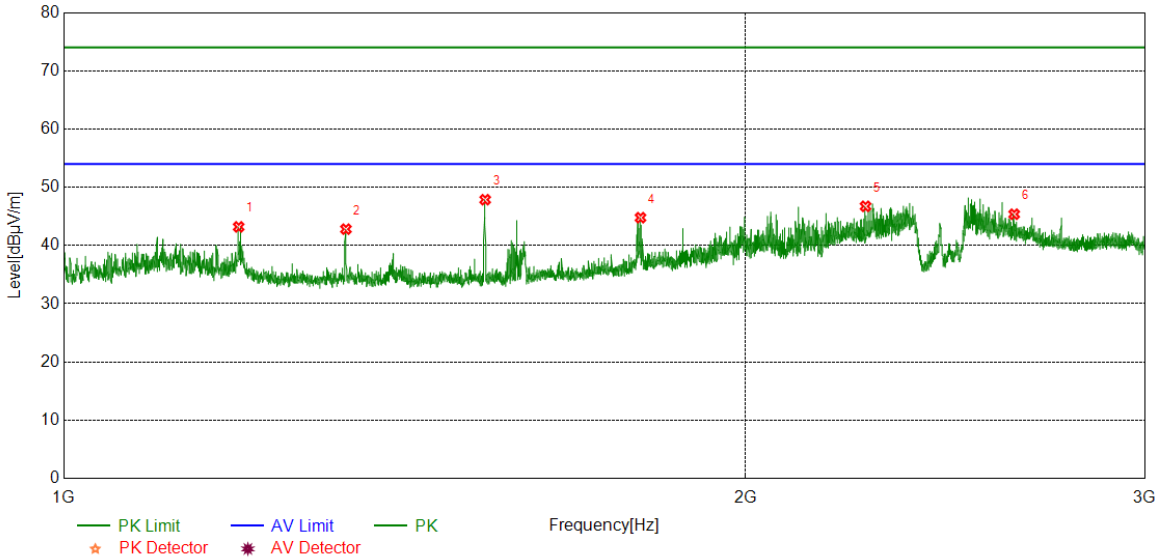


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.2747	45.31	-5.56	39.75	74.00	-34.25	peak
2	1332.2915	51.18	-5.68	45.50	74.00	-28.50	peak
3	1534.8169	58.88	-5.76	53.12	74.00	-20.88	peak
4	1799.8500	45.54	-3.84	41.70	74.00	-32.30	peak
5	2108.6386	44.43	-2.55	41.88	74.00	-32.12	peak
6	2518.1898	42.25	-0.33	41.92	74.00	-32.08	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

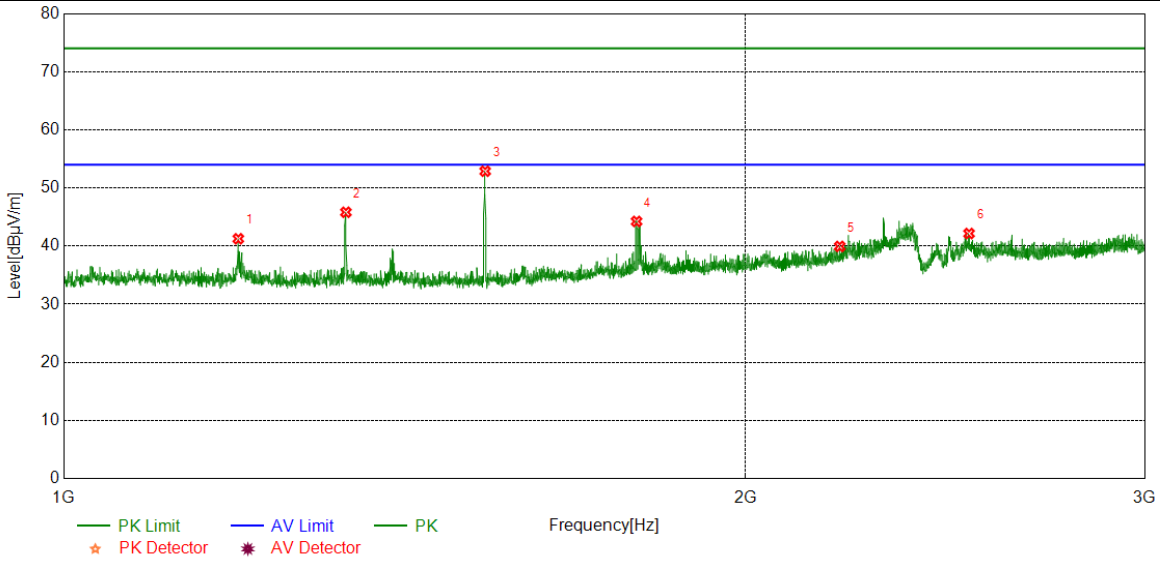


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	48.77	-5.57	43.20	74.00	-30.80	peak
2	1332.2915	48.49	-5.68	42.81	74.00	-31.19	peak
3	1534.8169	53.63	-5.76	47.87	74.00	-26.13	peak
4	1797.3497	48.60	-3.82	44.78	74.00	-29.22	peak
5	2259.1574	48.84	-2.11	46.73	74.00	-27.27	peak
6	2627.4534	45.98	-0.61	45.37	74.00	-28.63	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

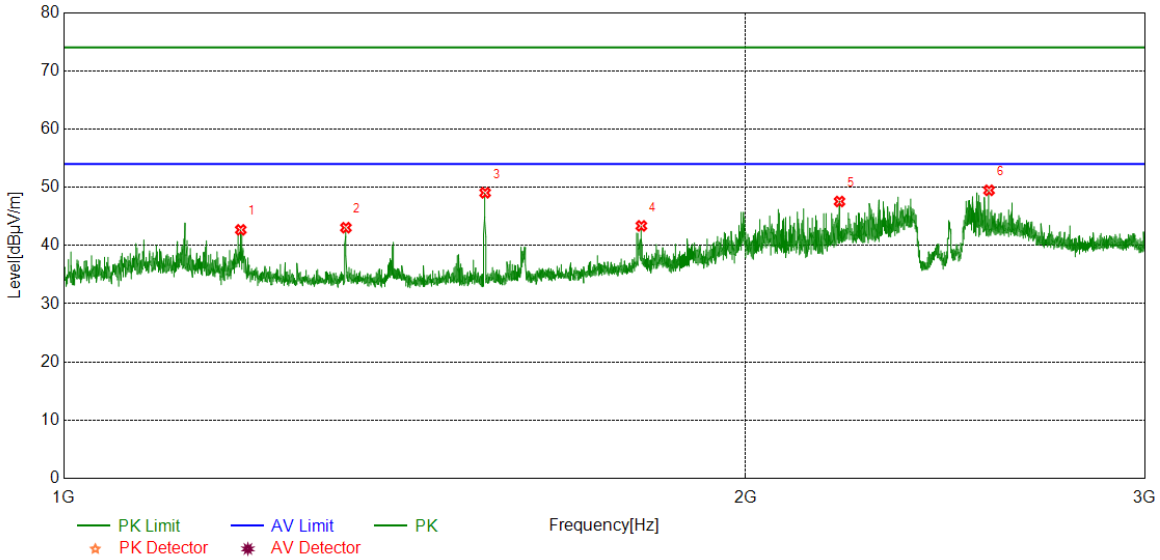


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.2743	46.83	-5.57	41.26	74.00	-32.74	peak
2	1332.2915	51.50	-5.68	45.82	74.00	-28.18	peak
3	1534.8169	58.64	-5.76	52.88	74.00	-21.12	peak
4	1790.0988	47.98	-3.74	44.24	74.00	-29.76	peak
5	2200.6501	42.27	-2.33	39.94	74.00	-34.06	peak
6	2509.6887	42.55	-0.39	42.16	74.00	-31.84	peak

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. 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

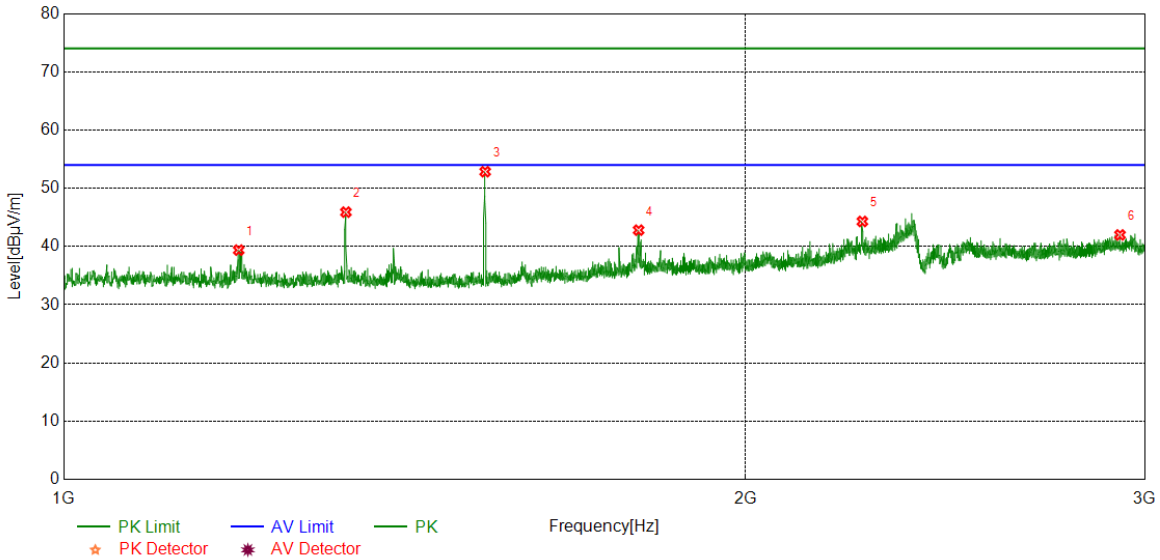


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.2747	48.25	-5.56	42.69	74.00	-31.31	peak
2	1332.2915	48.74	-5.68	43.06	74.00	-30.94	peak
3	1534.8169	54.81	-5.76	49.05	74.00	-24.95	peak
4	1798.8499	47.20	-3.83	43.37	74.00	-30.63	peak
5	2200.1500	49.89	-2.33	47.56	74.00	-26.44	peak
6	2561.1951	50.43	-0.95	49.48	74.00	-24.52	peak

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. 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



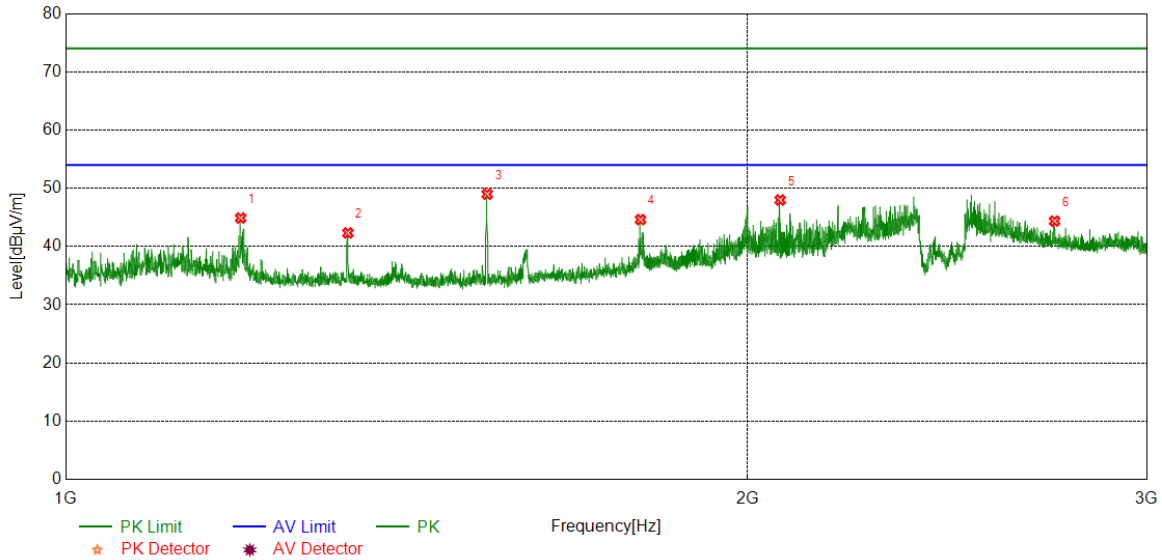
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	44.95	-5.57	39.38	74.00	-34.62	peak
2	1332.2915	51.58	-5.68	45.90	74.00	-28.10	peak
3	1534.8169	58.61	-5.76	52.85	74.00	-21.15	peak
4	1793.8492	46.59	-3.78	42.81	74.00	-31.19	peak
5	2251.9065	46.38	-2.08	44.30	74.00	-29.70	peak
6	2925.7407	41.42	0.57	41.99	74.00	-32.01	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

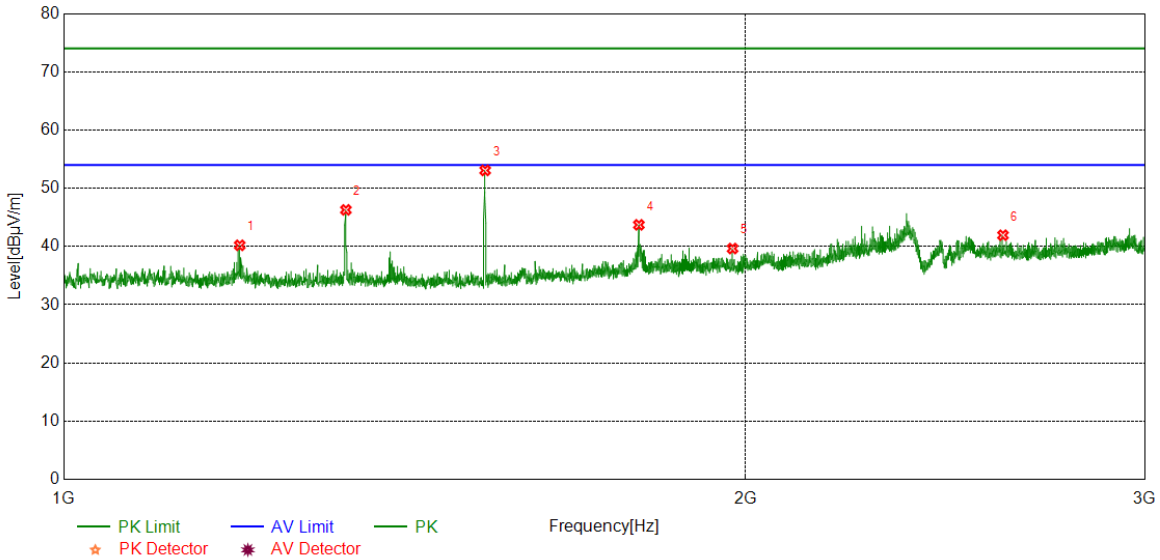


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	50.46	-5.57	44.89	74.00	-29.11	peak
2	1332.2915	48.00	-5.68	42.32	74.00	-31.68	peak
3	1534.8169	54.75	-5.76	48.99	74.00	-25.01	peak
4	1793.5992	48.40	-3.78	44.62	74.00	-29.38	peak
5	2067.1334	50.74	-2.76	47.98	74.00	-26.02	peak
6	2731.9665	44.86	-0.49	44.37	74.00	-29.63	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

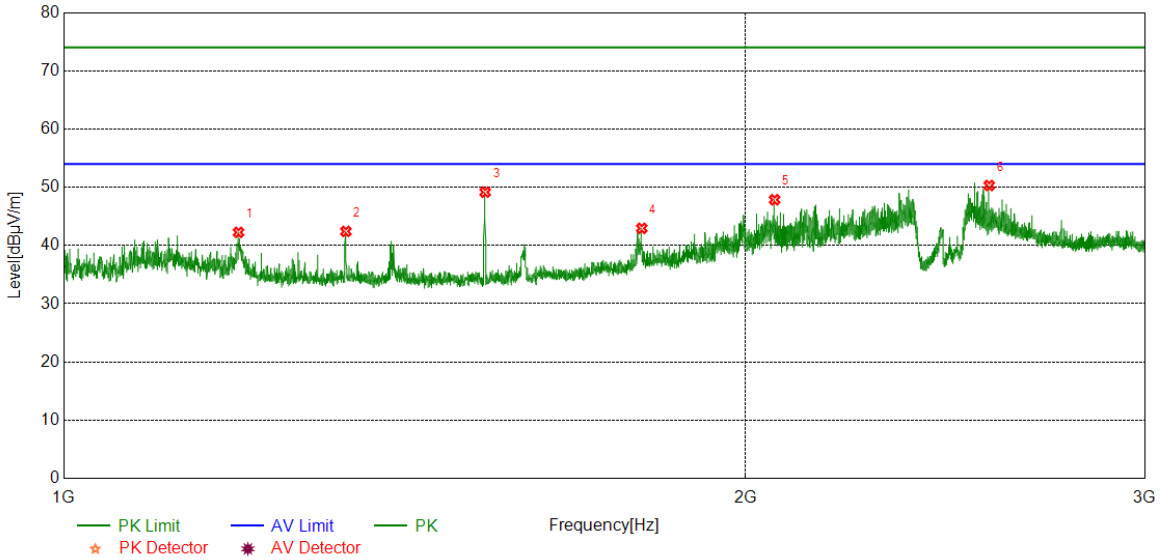


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	45.76	-5.56	40.20	74.00	-33.80	peak
2	1332.2915	51.97	-5.68	46.29	74.00	-27.71	peak
3	1534.8169	58.83	-5.76	53.07	74.00	-20.93	peak
4	1794.3493	47.50	-3.78	43.72	74.00	-30.28	peak
5	1973.6217	42.82	-3.17	39.65	74.00	-34.35	peak
6	2597.6997	42.67	-0.73	41.94	74.00	-32.06	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

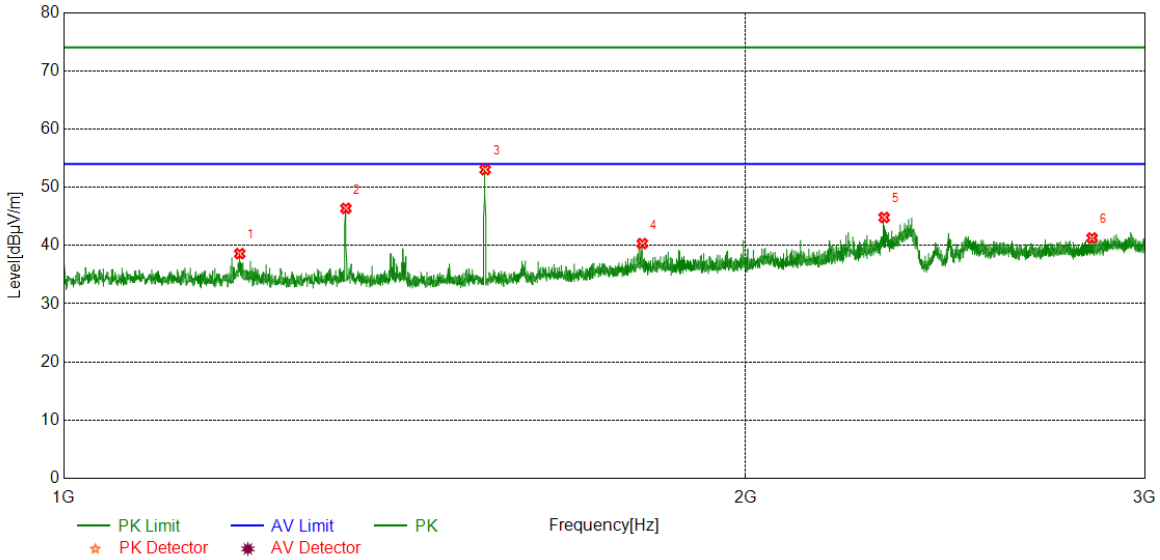


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.5243	47.83	-5.57	42.26	74.00	-31.74	peak
2	1332.2915	48.10	-5.68	42.42	74.00	-31.58	peak
3	1534.8169	54.92	-5.76	49.16	74.00	-24.84	peak
4	1799.6000	46.79	-3.84	42.95	74.00	-31.05	peak
5	2059.6325	50.48	-2.62	47.86	74.00	-26.14	peak
6	2561.6952	51.25	-0.94	50.31	74.00	-23.69	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
11G	HCH	Horizontal	PASS

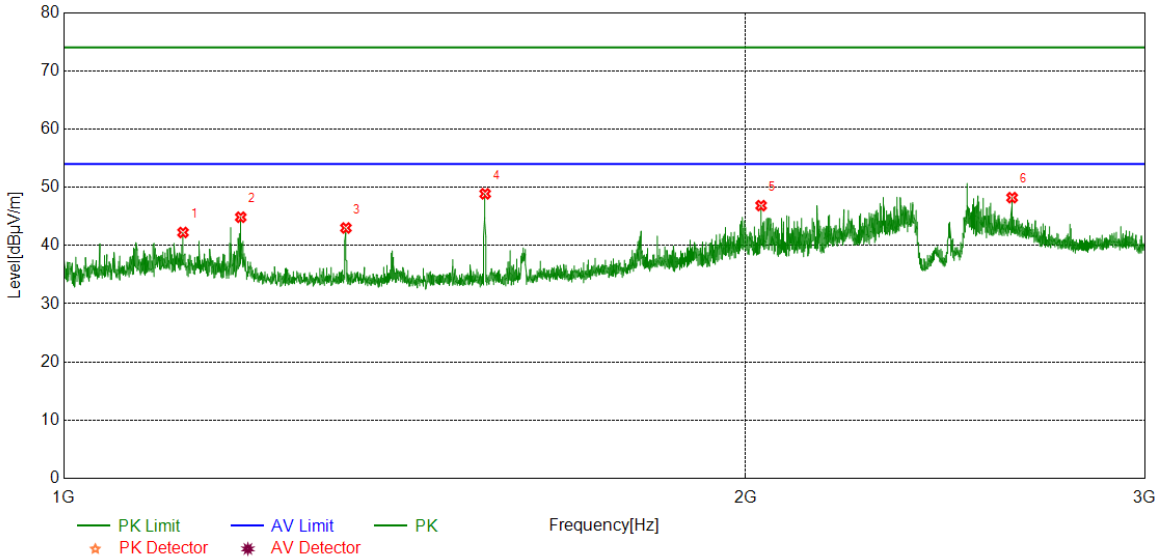


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	44.16	-5.56	38.60	74.00	-35.40	peak
2	1332.2915	52.06	-5.68	46.38	74.00	-27.62	peak
3	1534.8169	58.79	-5.76	53.03	74.00	-20.97	peak
4	1800.6001	44.19	-3.86	40.33	74.00	-33.67	peak
5	2302.1628	46.63	-1.81	44.82	74.00	-29.18	peak
6	2843.7305	41.16	0.13	41.29	74.00	-32.71	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

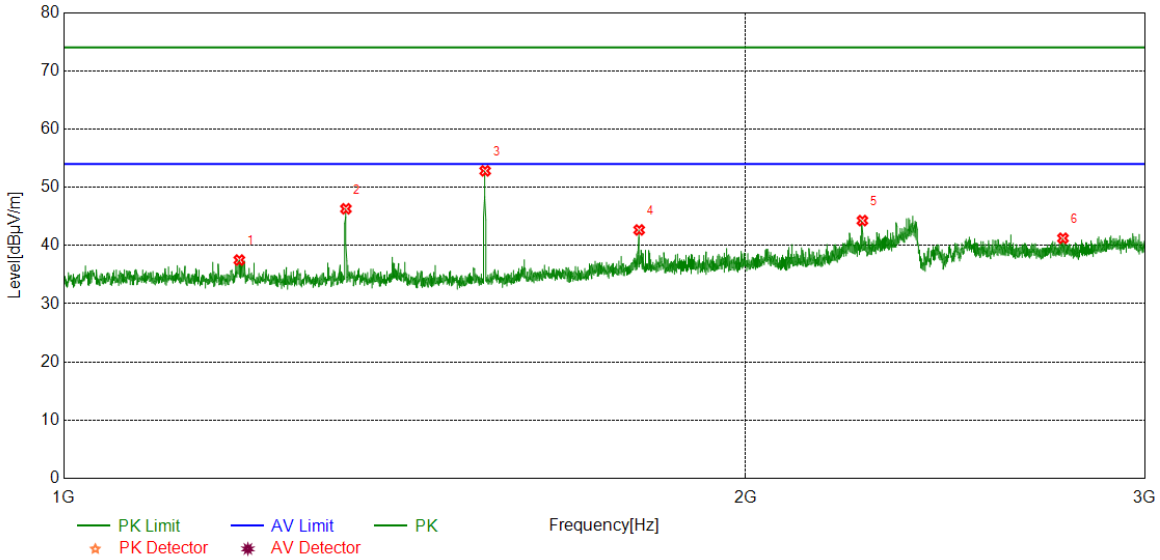


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1129.0161	47.70	-5.46	42.24	74.00	-31.76	peak
2	1197.2747	50.42	-5.56	44.86	74.00	-29.14	peak
3	1332.2915	48.69	-5.68	43.01	74.00	-30.99	peak
4	1534.8169	54.64	-5.76	48.88	74.00	-25.12	peak
5	2031.6290	49.52	-2.67	46.85	74.00	-27.15	peak
6	2621.9527	48.50	-0.28	48.22	74.00	-25.78	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

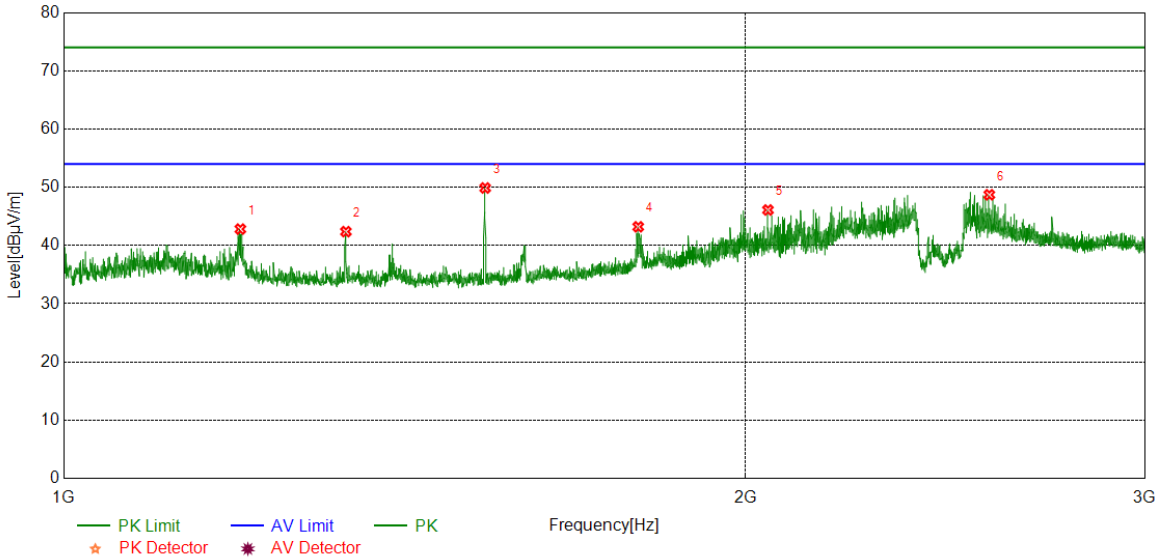


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.5244	43.06	-5.56	37.50	74.00	-36.50	peak
2	1332.2915	51.98	-5.68	46.30	74.00	-27.70	peak
3	1534.8169	58.58	-5.76	52.82	74.00	-21.18	peak
4	1794.8494	46.46	-3.79	42.67	74.00	-31.33	peak
5	2251.9065	46.35	-2.08	44.27	74.00	-29.73	peak
6	2760.9701	41.51	-0.27	41.24	74.00	-32.76	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
11N HT20	LCH	Vertical	PASS

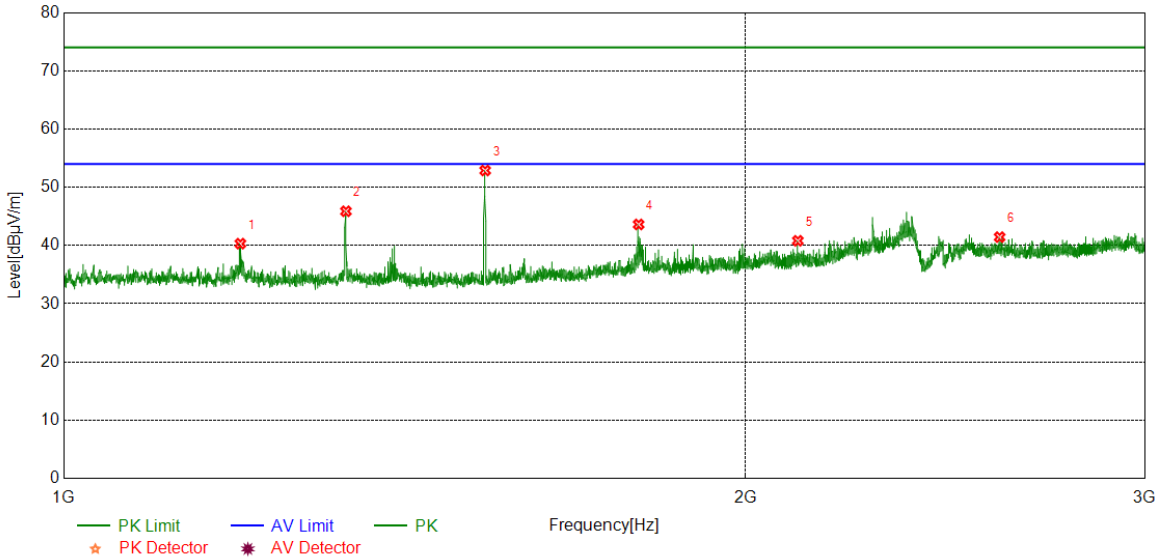


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.7746	48.38	-5.56	42.82	74.00	-31.18	peak
2	1332.2915	48.06	-5.68	42.38	74.00	-31.62	peak
3	1534.8169	55.64	-5.76	49.88	74.00	-24.12	peak
4	1793.0991	46.98	-3.77	43.21	74.00	-30.79	peak
5	2045.8807	48.49	-2.39	46.10	74.00	-27.90	peak
6	2561.9452	49.65	-0.94	48.71	74.00	-25.29	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



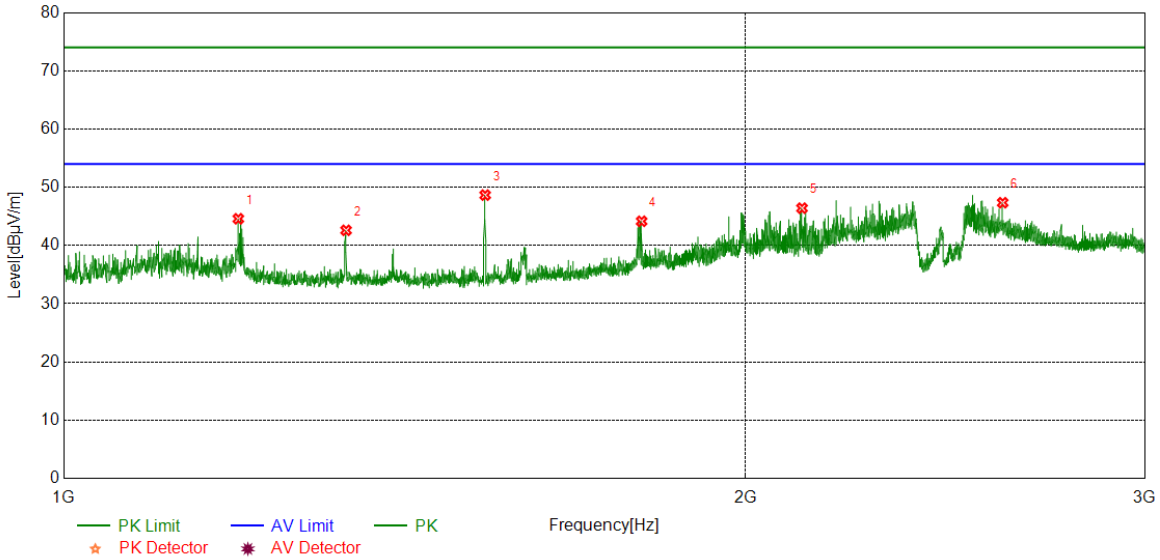
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.7746	45.88	-5.56	40.32	74.00	-33.68	peak
2	1332.2915	51.56	-5.68	45.88	74.00	-28.12	peak
3	1534.8169	58.64	-5.76	52.88	74.00	-21.12	peak
4	1793.8492	47.40	-3.78	43.62	74.00	-30.38	peak
5	2108.8886	43.36	-2.55	40.81	74.00	-33.19	peak
6	2588.9486	42.23	-0.79	41.44	74.00	-32.56	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

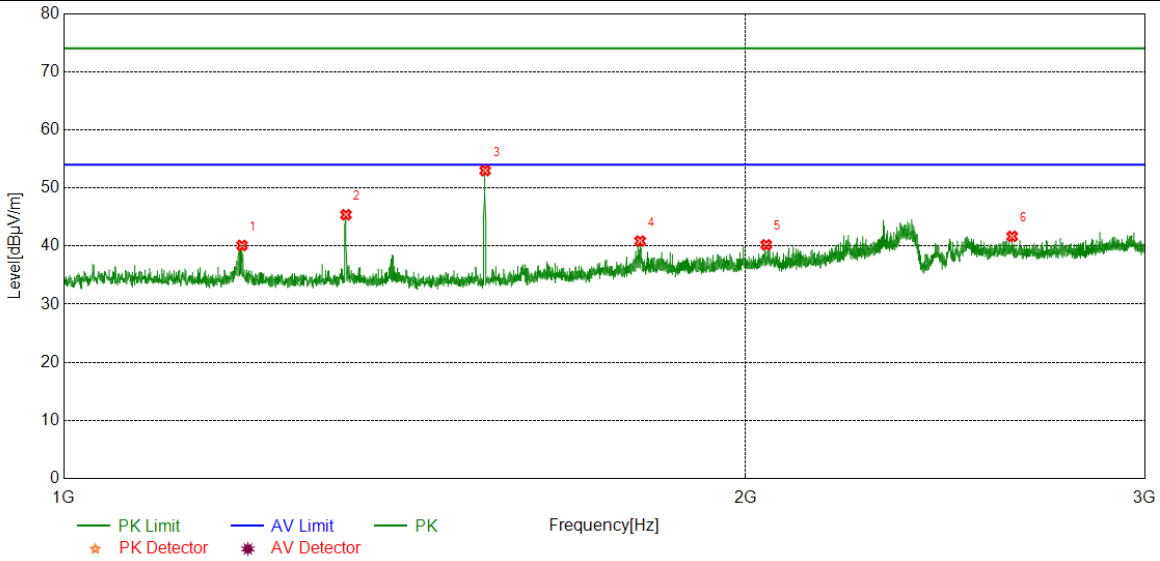


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.2743	50.16	-5.57	44.59	74.00	-29.41	peak
2	1332.5416	48.28	-5.67	42.61	74.00	-31.39	peak
3	1534.8169	54.42	-5.76	48.66	74.00	-25.34	peak
4	1799.3499	48.00	-3.84	44.16	74.00	-29.84	peak
5	2117.8897	48.84	-2.43	46.41	74.00	-27.59	peak
6	2596.9496	48.09	-0.74	47.35	74.00	-26.65	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

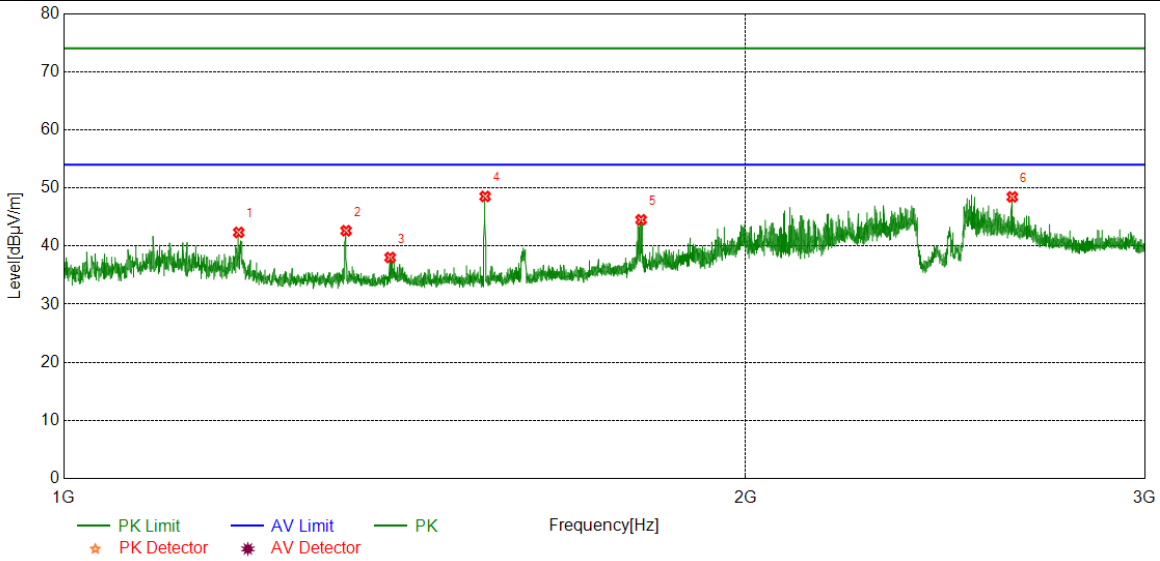


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.7748	45.66	-5.56	40.10	74.00	-33.90	peak
2	1332.2915	51.07	-5.68	45.39	74.00	-28.61	peak
3	1534.8169	58.74	-5.76	52.98	74.00	-21.02	peak
4	1796.5996	44.67	-3.81	40.86	74.00	-33.14	peak
5	2042.1303	42.59	-2.39	40.20	74.00	-33.80	peak
6	2622.2028	41.97	-0.30	41.67	74.00	-32.33	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

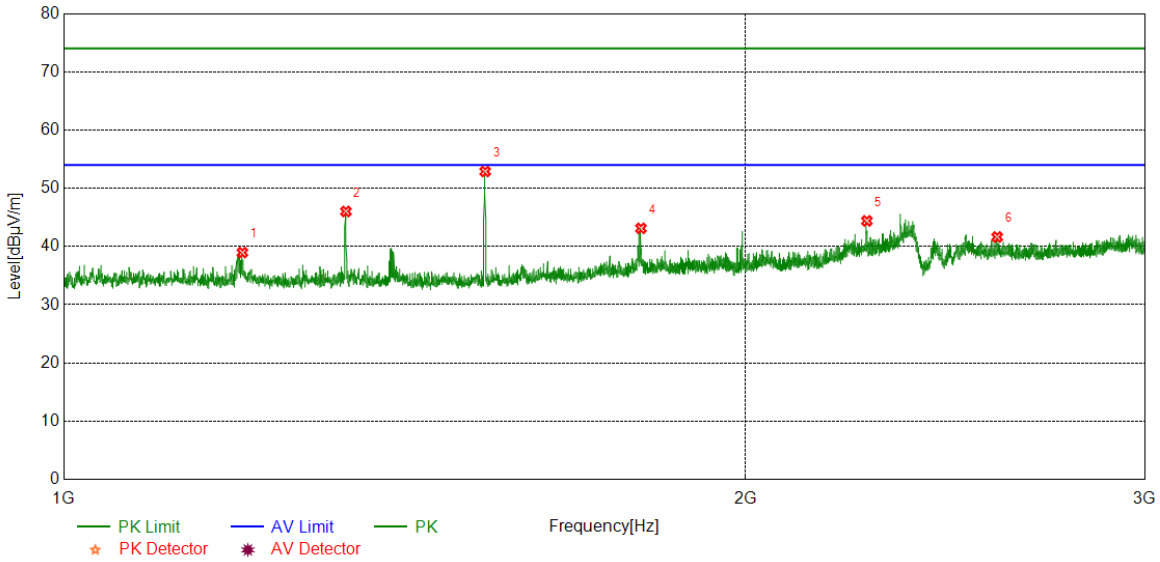


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	47.92	-5.57	42.35	74.00	-31.65	peak
2	1332.5416	48.31	-5.67	42.64	74.00	-31.36	peak
3	1393.5492	43.77	-5.74	38.03	74.00	-35.97	peak
4	1534.8169	54.30	-5.76	48.54	74.00	-25.46	peak
5	1798.3498	48.35	-3.83	44.52	74.00	-29.48	peak
6	2622.4528	48.77	-0.31	48.46	74.00	-25.54	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

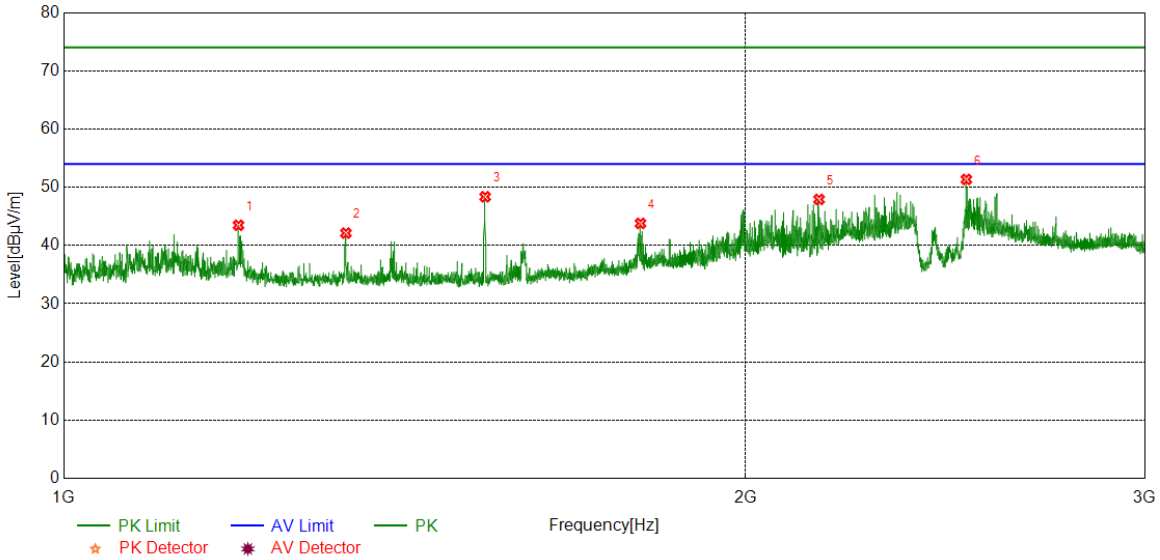


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.2749	44.52	-5.56	38.96	74.00	-35.04	peak
2	1332.2915	51.70	-5.68	46.02	74.00	-27.98	peak
3	1534.8169	58.64	-5.76	52.88	74.00	-21.12	peak
4	1798.0998	46.95	-3.83	43.12	74.00	-30.88	peak
5	2262.1578	46.51	-2.11	44.40	74.00	-29.60	peak
6	2582.4478	42.56	-0.93	41.63	74.00	-32.37	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

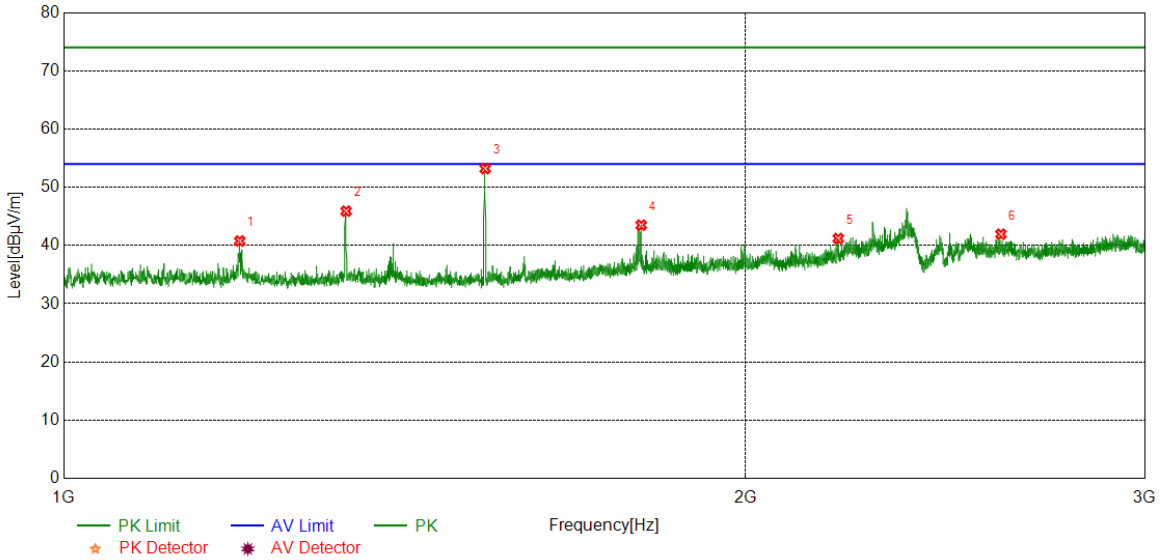


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.5243	49.05	-5.57	43.48	74.00	-30.52	peak
2	1332.2915	47.81	-5.68	42.13	74.00	-31.87	peak
3	1534.8169	54.13	-5.76	48.37	74.00	-25.63	peak
4	1797.3497	47.62	-3.82	43.80	74.00	-30.20	peak
5	2154.8944	50.37	-2.45	47.92	74.00	-26.08	peak
6	2502.9379	51.78	-0.43	51.35	74.00	-22.65	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

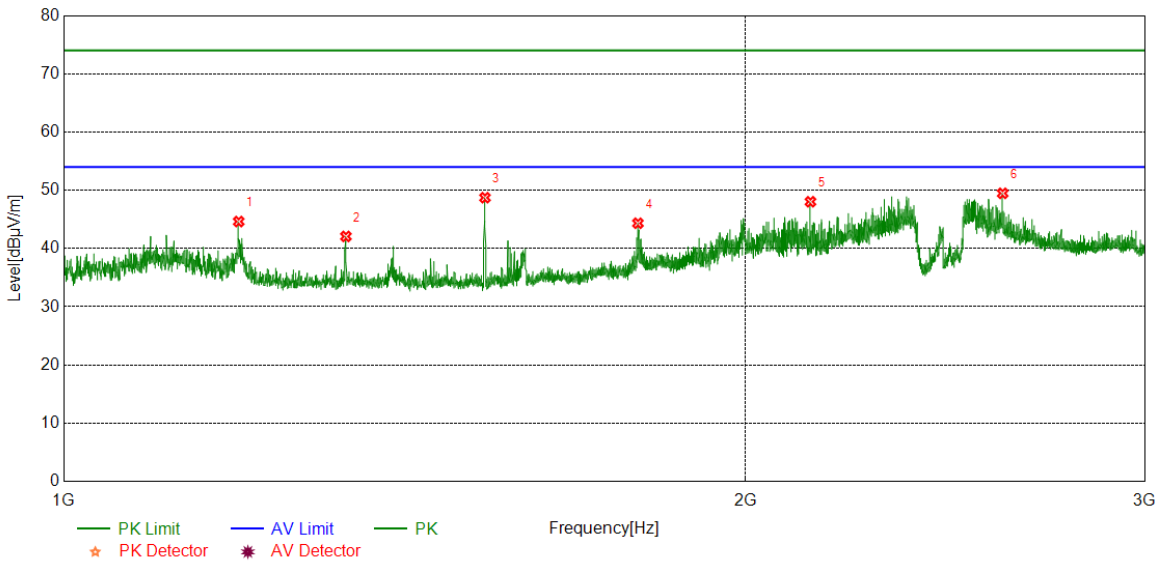


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	46.33	-5.56	40.77	74.00	-33.23	peak
2	1332.5416	51.57	-5.67	45.90	74.00	-28.10	peak
3	1534.8169	58.96	-5.76	53.20	74.00	-20.80	peak
4	1798.5998	47.33	-3.83	43.50	74.00	-30.50	peak
5	2197.3997	43.53	-2.33	41.20	74.00	-32.80	peak
6	2592.4491	42.70	-0.76	41.94	74.00	-32.06	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

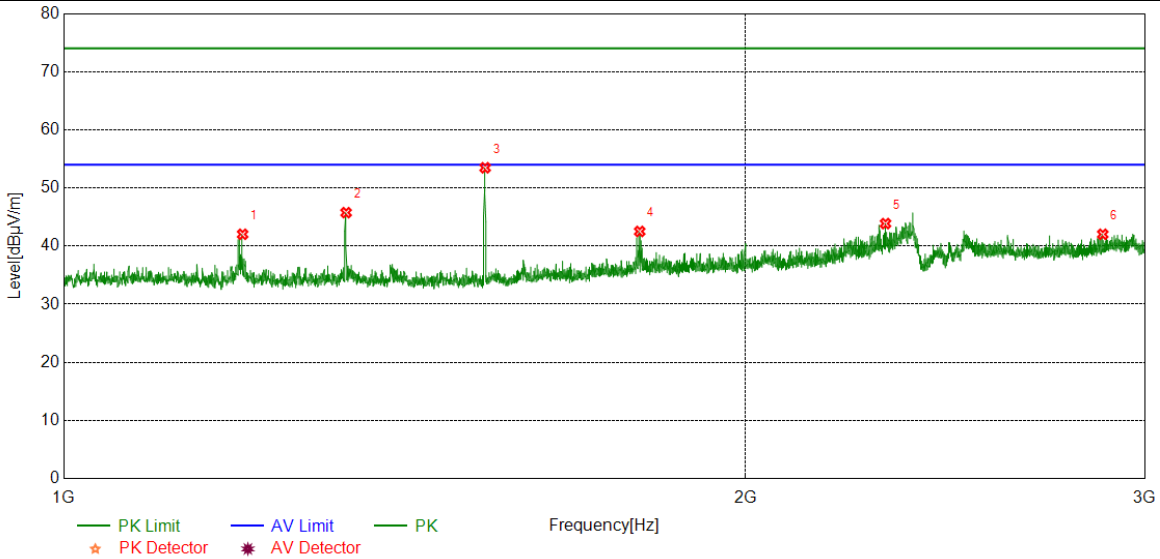


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	50.20	-5.57	44.63	74.00	-29.37	peak
2	1332.2915	47.75	-5.68	42.07	74.00	-31.93	peak
3	1534.5668	54.49	-5.76	48.73	74.00	-25.27	peak
4	1792.5991	48.10	-3.76	44.34	74.00	-29.66	peak
5	2136.1420	50.39	-2.36	48.03	74.00	-25.97	peak
6	2596.9496	50.22	-0.74	49.48	74.00	-24.52	peak

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. 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



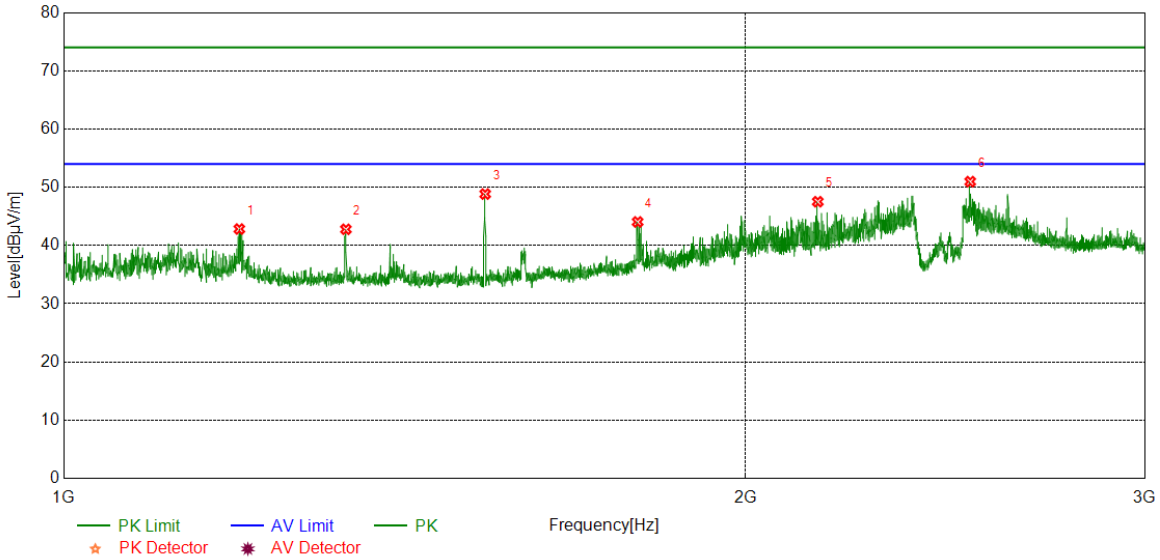
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.5249	47.59	-5.56	42.03	74.00	-31.97	peak
2	1332.5416	51.42	-5.67	45.75	74.00	-28.25	peak
3	1534.8169	59.23	-5.76	53.47	74.00	-20.53	peak
4	1795.8495	46.32	-3.80	42.52	74.00	-31.48	peak
5	2305.4132	45.61	-1.74	43.87	74.00	-30.13	peak
6	2874.9844	41.81	0.22	42.03	74.00	-31.97	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	1195.5244	48.39	-5.56	42.83	74.00	-31.17	peak
2	1332.2915	48.46	-5.68	42.78	74.00	-31.22	peak
3	1534.8169	54.60	-5.76	48.84	74.00	-25.16	peak
4	1792.0990	47.81	-3.76	44.05	74.00	-29.95	peak
5	2152.1440	49.92	-2.40	47.52	74.00	-26.48	peak
6	2512.6891	51.34	-0.37	50.97	74.00	-23.03	peak

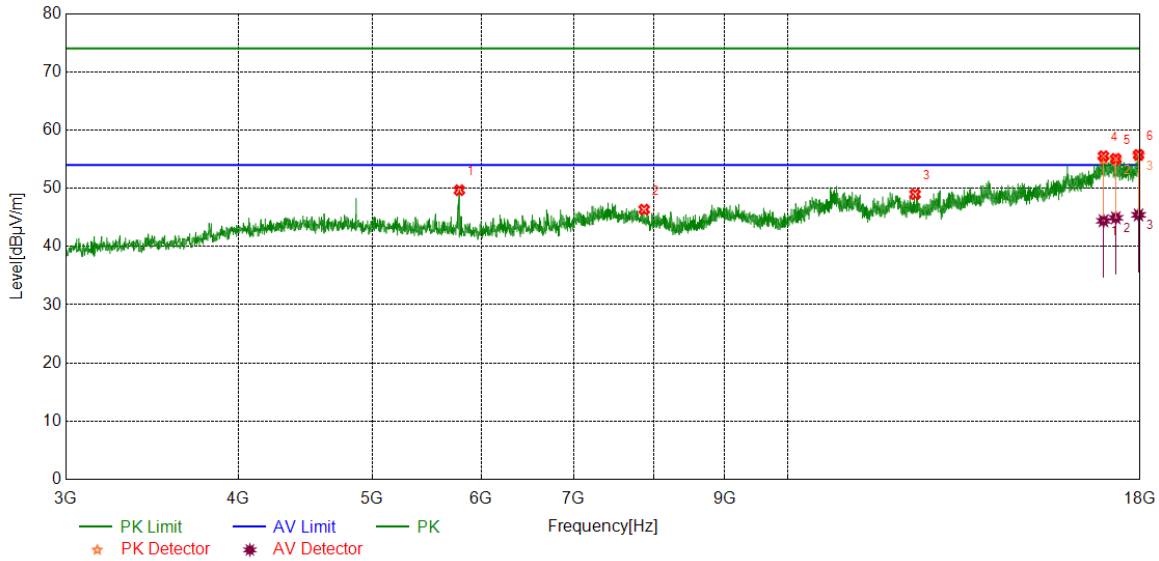
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter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

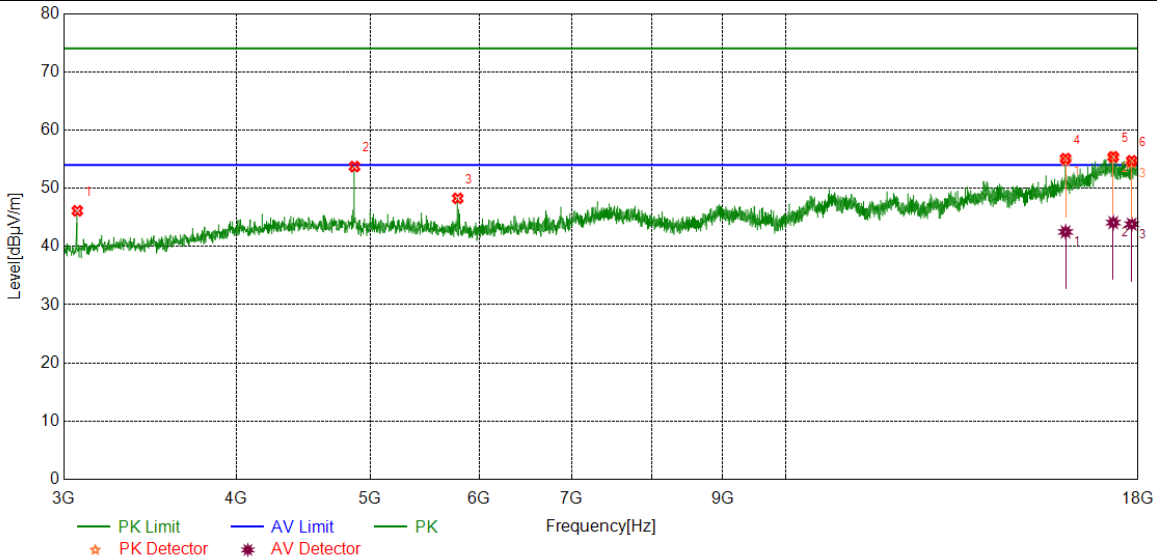


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5784.7231	44.41	5.26	49.67	74.00	-24.33	peak
2	7871.8590	38.53	7.82	46.35	74.00	-27.65	peak
3	12368.6711	37.15	11.82	48.97	74.00	-25.03	peak
4	16932.9916	37.13	18.39	55.52	74.00	-18.48	peak
		26.03	18.39	44.42	54.00	-9.58	average
5	17285.5357	37.31	17.76	55.07	74.00	-18.93	peak
		27.17	17.76	44.93	54.00	-9.07	average
6	17953.1191	37.21	18.54	55.75	74.00	-18.25	peak
		26.89	18.54	45.43	54.00	-8.57	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

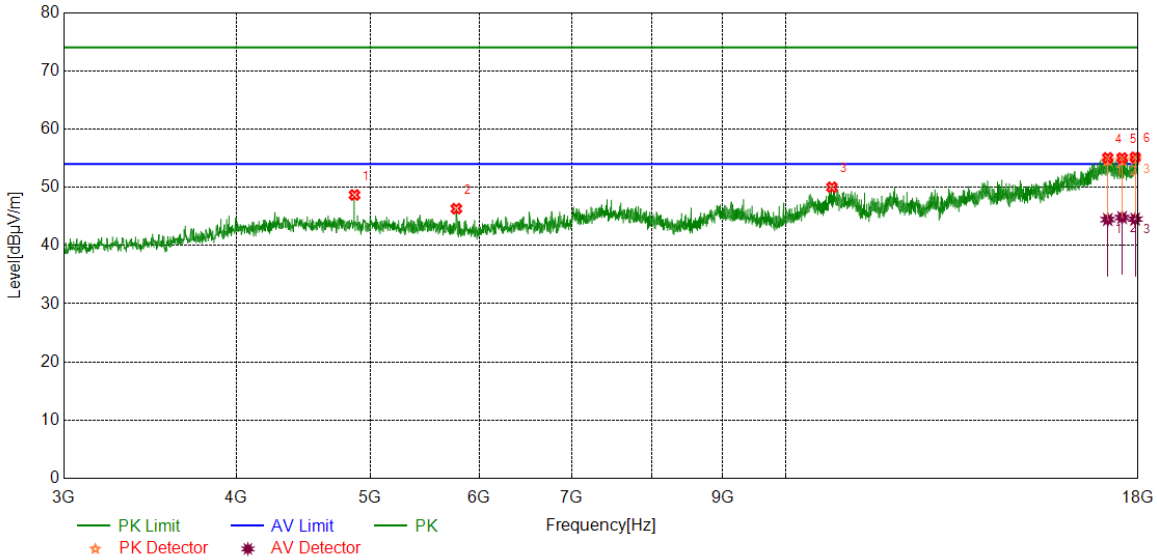


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3069.3837	45.56	0.57	46.13	74.00	-27.87	peak
2	4873.3592	48.41	5.32	53.73	74.00	-20.27	peak
3	5788.4736	43.04	5.23	48.27	74.00	-25.73	peak
4	15950.3688	39.01	16.08	55.09	74.00	-18.91	peak
		26.42	16.08	42.50	54.00	-11.50	average
5	17270.5338	37.90	17.50	55.40	74.00	-18.60	peak
		26.60	17.50	44.10	54.00	-9.90	average
6	17808.7261	37.02	17.70	54.72	74.00	-19.28	peak
		26.14	17.70	43.84	54.00	-10.16	average

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

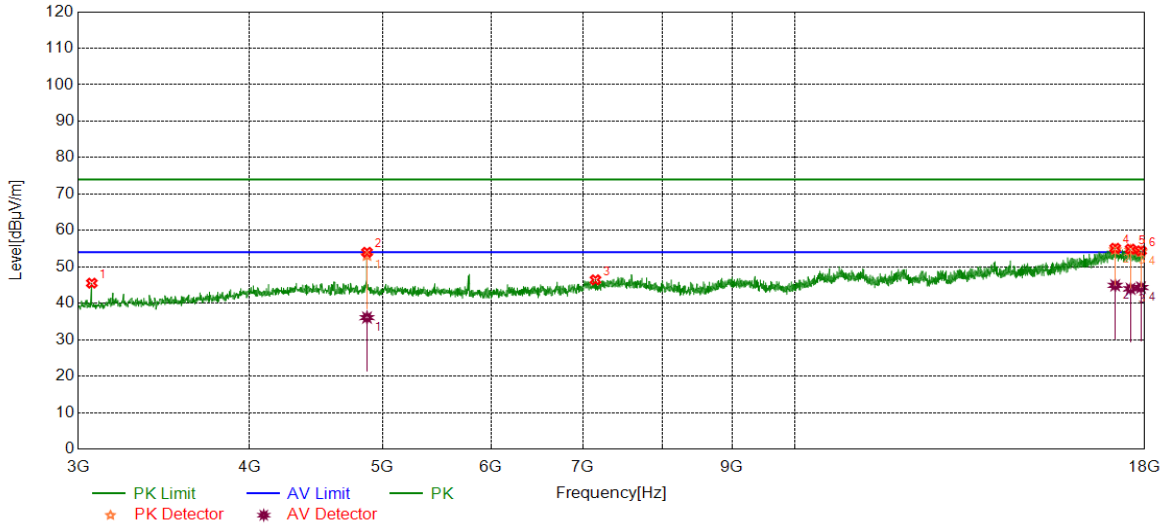


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	43.36	5.32	48.68	74.00	-25.32	peak
2	5775.3469	41.00	5.32	46.32	74.00	-27.68	peak
3	10802.8504	37.92	12.09	50.01	74.00	-23.99	peak
4	17111.1389	37.04	18.02	55.06	74.00	-18.94	peak
		26.44	18.02	44.46	54.00	-9.54	average
5	17525.5657	37.19	17.83	55.02	74.00	-18.98	peak
		26.98	17.83	44.81	54.00	-9.19	average
6	17913.7392	37.06	18.09	55.15	74.00	-18.85	peak
		26.44	18.09	44.53	54.00	-9.47	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

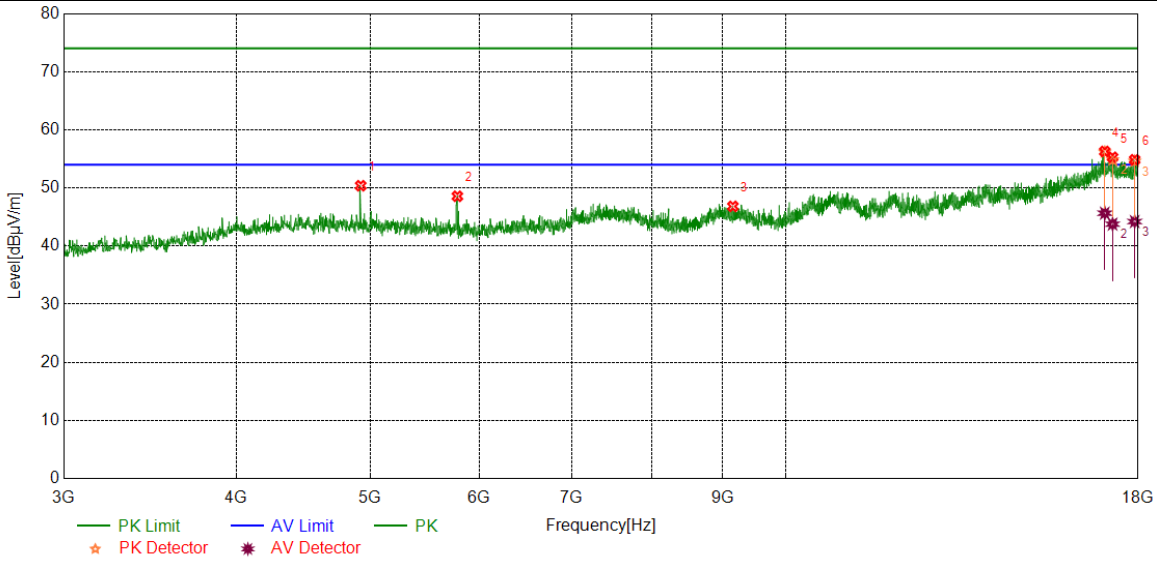


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3069.3837	44.96	0.57	45.53	74.00	-28.47	peak
2	4873.3592	48.68	5.32	54.00	74.00	-20.00	peak
		30.75	5.32	36.07	54.00	-17.93	average
3	7153.6442	37.84	8.60	46.44	74.00	-27.56	peak
4	17128.016	37.14	17.97	55.11	74.00	-18.89	peak
		26.95	17.97	44.92	54.00	-9.08	average
5	17578.0723	37.20	17.67	54.87	74.00	-19.13	peak
		26.31	17.67	43.98	54.00	-10.02	average
6	17887.4859	35.96	18.45	54.41	74.00	-19.59	peak
		25.89	18.45	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
11B	HCH	Horizontal	PASS

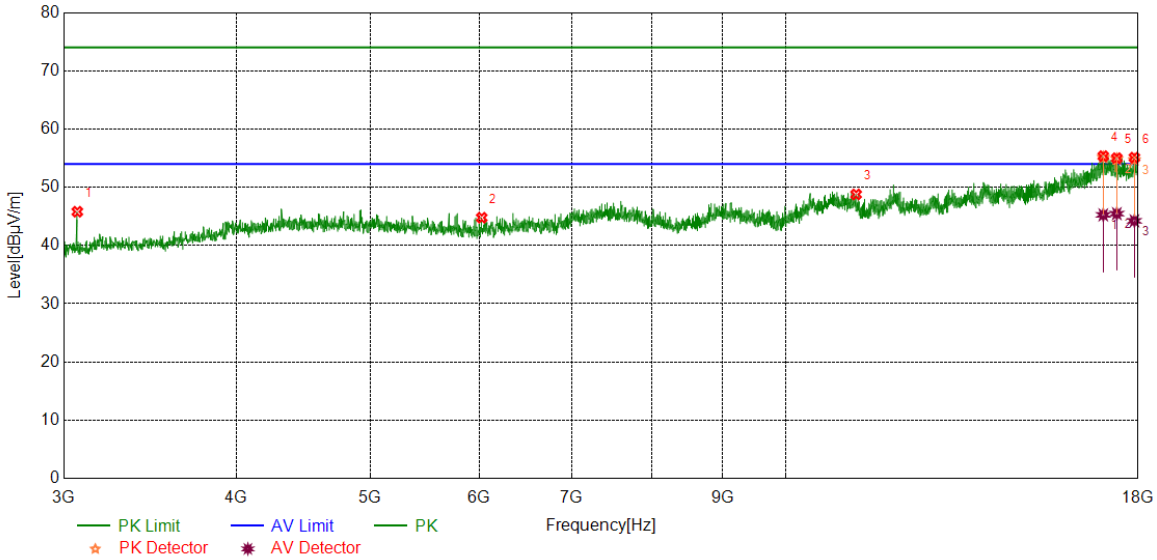


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4923.9905	45.20	5.18	50.38	74.00	-23.62	peak
2	5784.7231	43.31	5.26	48.57	74.00	-25.43	peak
3	9158.2698	38.15	8.68	46.83	74.00	-27.17	peak
4	17026.7533	37.47	18.81	56.28	74.00	-17.72	peak
		26.85	18.81	45.66	54.00	-8.34	average
5	17249.9062	37.46	17.82	55.28	74.00	-18.72	peak
		25.95	17.82	43.77	54.00	-10.23	average
6	17896.8621	36.40	18.45	54.85	74.00	-19.15	peak
		25.77	18.45	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
11B	HCH	Vertical	PASS

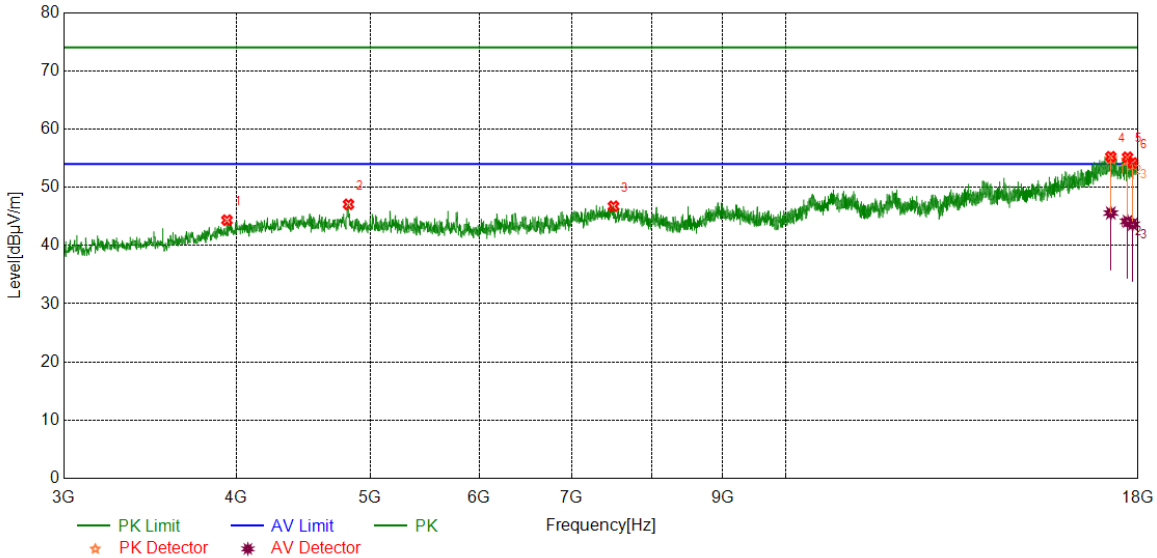


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3069.3837	45.23	0.57	45.80	74.00	-28.20	peak
2	6024.7531	39.45	5.32	44.77	74.00	-29.23	peak
3	11247.2809	37.16	11.62	48.78	74.00	-25.22	peak
4	16983.623	36.58	18.77	55.35	74.00	-18.65	peak
		26.49	18.77	45.26	54.00	-8.74	average
5	17371.7965	36.48	18.52	55.00	74.00	-19.00	peak
		26.95	18.52	45.47	54.00	-8.53	average
6	17889.3612	36.56	18.53	55.09	74.00	-18.91	peak
		25.71	18.53	44.24	54.00	-9.76	average

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



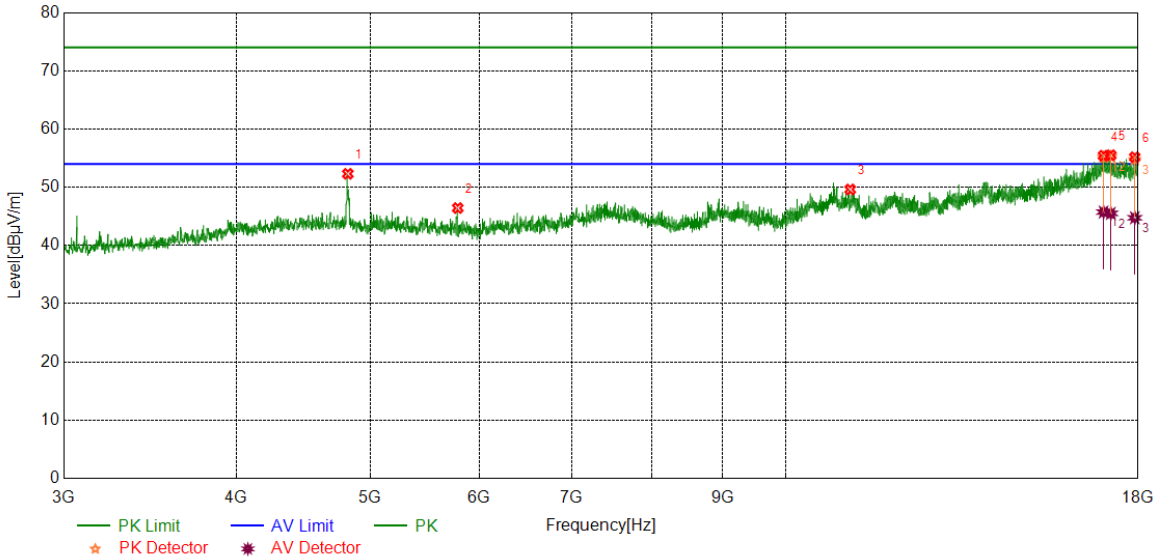
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3939.4924	40.14	4.21	44.35	74.00	-29.65	peak
2	4824.6031	41.67	5.40	47.07	74.00	-26.93	peak
3	7504.3130	38.14	8.60	46.74	74.00	-27.26	peak
4	17199.2749	36.89	18.35	55.24	74.00	-18.76	peak
		27.23	18.35	45.58	54.00	-8.42	average
5	17684.9606	37.20	17.96	55.16	74.00	-18.84	peak
		26.19	17.96	44.15	54.00	-9.85	average
6	17834.9794	36.07	18.11	54.18	74.00	-19.82	peak
		25.53	18.11	43.64	54.00	-10.36	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

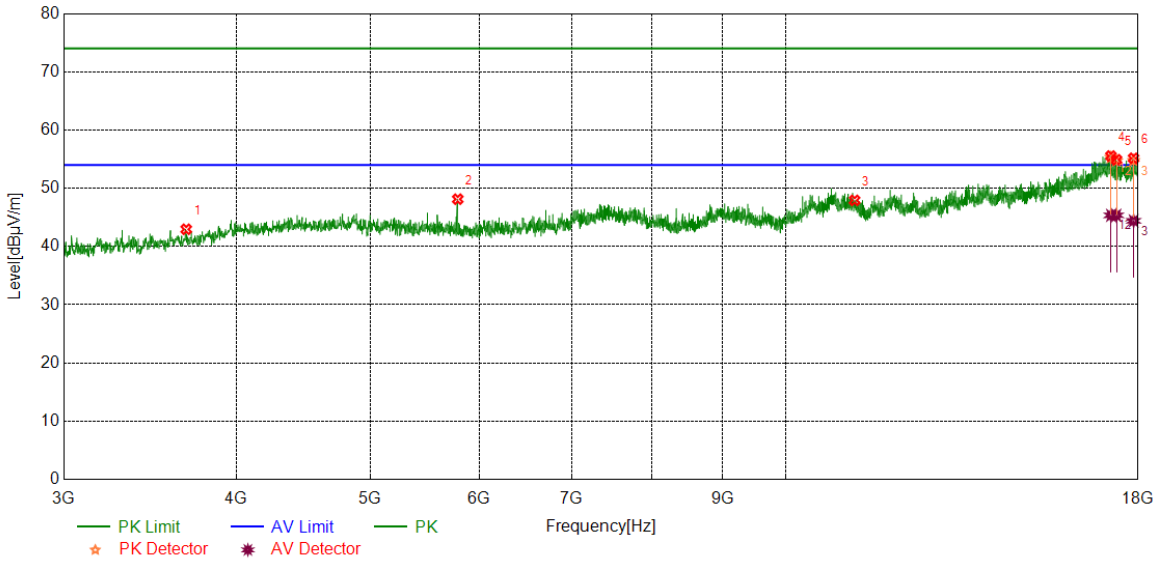


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4818.9774	47.04	5.27	52.31	74.00	-21.69	peak
2	5788.4736	41.20	5.23	46.43	74.00	-27.57	peak
3	11136.6421	37.62	12.01	49.63	74.00	-24.37	peak
4	16991.1239	36.67	18.76	55.43	74.00	-18.57	peak
		26.98	18.76	45.74	54.00	-8.26	average
5	17199.2749	37.16	18.35	55.51	74.00	-18.49	peak
		27.17	18.35	45.52	54.00	-8.48	average
6	17900.6126	36.77	18.40	55.17	74.00	-18.83	peak
		26.36	18.40	44.76	54.00	-9.24	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

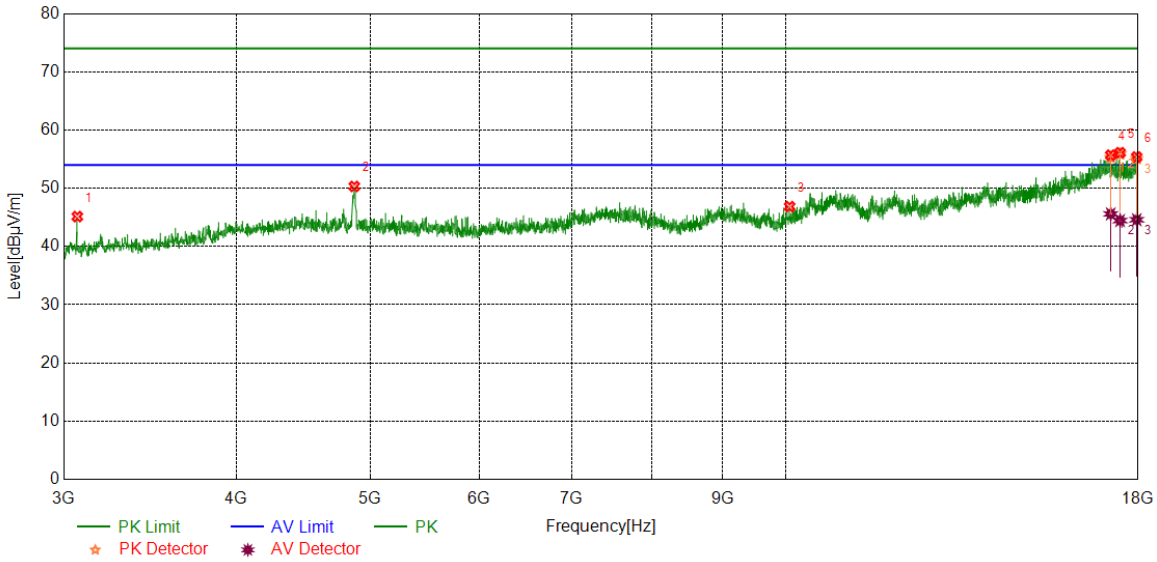


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3680.7101	40.08	2.88	42.96	74.00	-31.04	peak
2	5788.4736	42.90	5.23	48.13	74.00	-25.87	peak
3	11219.1524	36.10	11.83	47.93	74.00	-26.07	peak
4	17203.0254	37.34	18.20	55.54	74.00	-18.46	peak
		27.15	18.20	45.35	54.00	-8.65	average
5	17362.4203	36.78	18.12	54.90	74.00	-19.10	peak
		27.24	18.12	45.36	54.00	-8.64	average
6	17864.9831	36.73	18.42	55.15	74.00	-18.85	peak
		25.99	18.42	44.41	54.00	-9.59	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

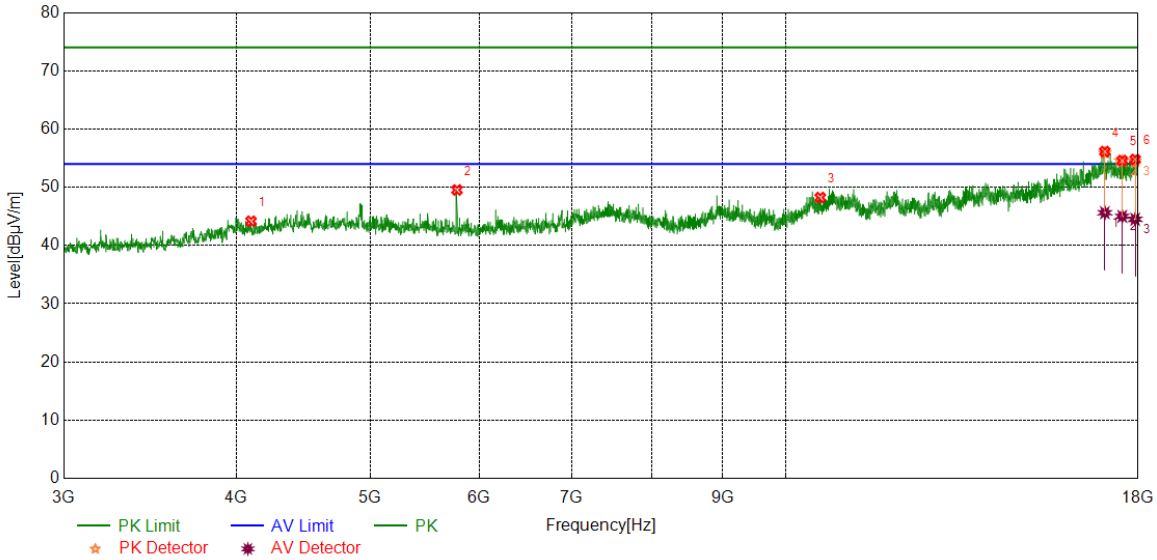


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3069.3837	44.57	0.57	45.14	74.00	-28.86	peak
2	4871.4839	45.00	5.32	50.32	74.00	-23.68	peak
3	10067.7585	37.94	8.91	46.85	74.00	-27.15	peak
4	17197.3997	37.38	18.31	55.69	74.00	-18.31	peak
		27.29	18.31	45.60	54.00	-8.40	average
5	17467.4334	38.37	17.74	56.11	74.00	-17.89	peak
		26.72	17.74	44.46	54.00	-9.54	average
6	17958.7448	36.89	18.48	55.37	74.00	-18.63	peak
		26.12	18.48	44.60	54.00	-9.40	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. 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

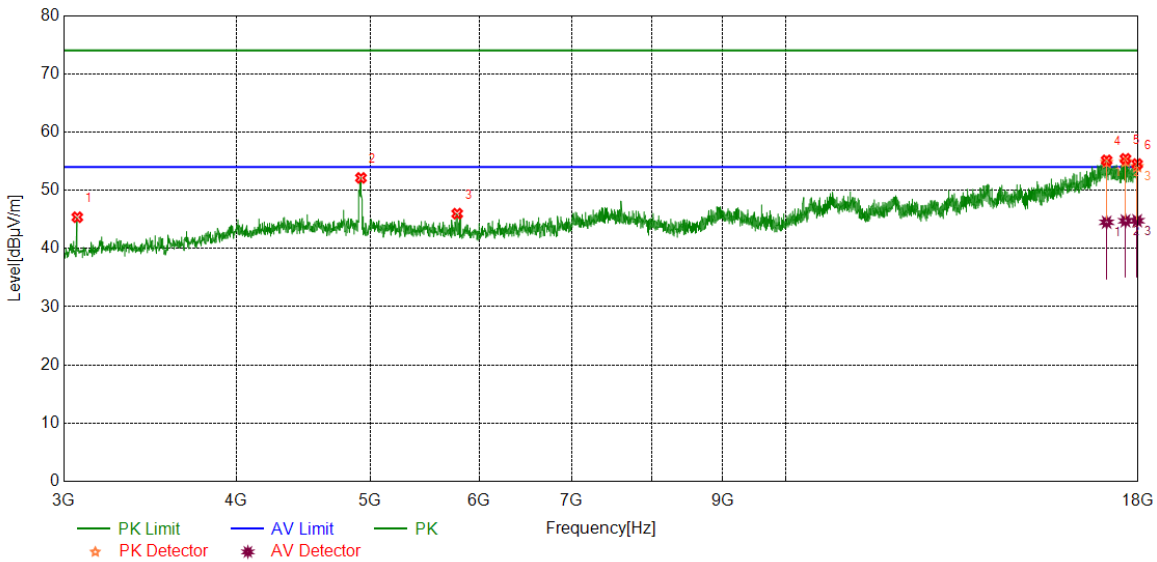


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4100.7626	39.70	4.47	44.17	74.00	-29.83	peak
2	5780.9726	44.25	5.29	49.54	74.00	-24.46	peak
3	10594.6993	36.57	11.67	48.24	74.00	-25.76	peak
4	17028.6286	37.19	18.94	56.13	74.00	-17.87	peak
		26.69	18.94	45.63	54.00	-8.37	average
5	17529.3162	36.68	17.91	54.59	74.00	-19.41	peak
		27.10	17.91	45.01	54.00	-8.99	average
6	17911.864	36.59	18.19	54.78	74.00	-19.22	peak
		26.32	18.19	44.51	54.00	-9.49	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

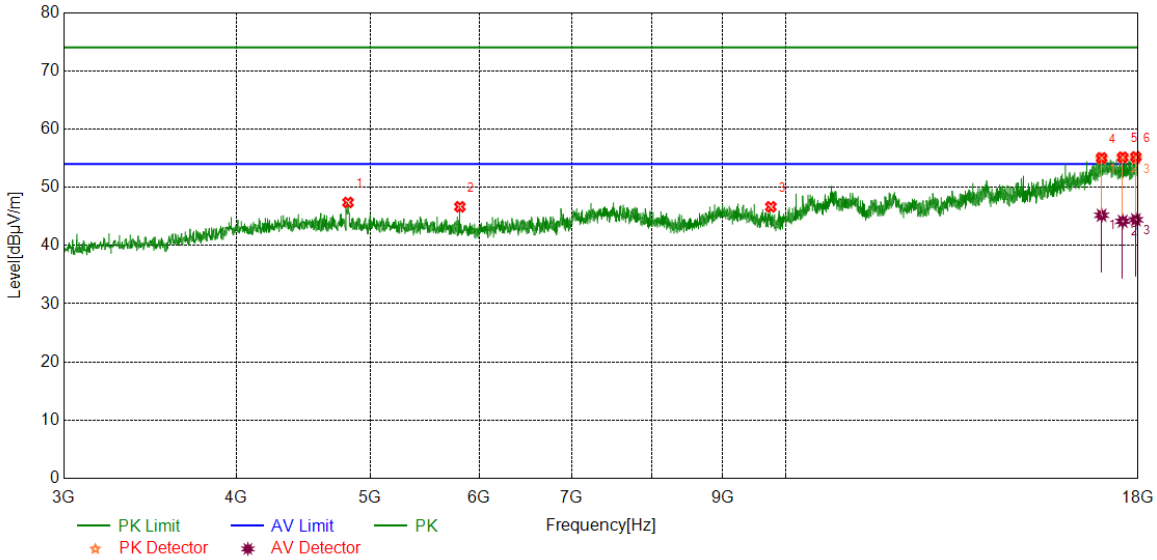


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3069.3837	44.80	0.57	45.37	74.00	-28.63	peak
2	4925.8657	46.96	5.16	52.12	74.00	-21.88	peak
3	5782.8479	40.71	5.27	45.98	74.00	-28.02	peak
4	17079.2599	36.38	18.75	55.13	74.00	-18.87	peak
		25.76	18.75	44.51	54.00	-9.49	average
5	17624.9531	37.98	17.42	55.40	74.00	-18.60	peak
		27.33	17.42	44.75	54.00	-9.25	average
6	17971.8715	36.75	17.75	54.50	74.00	-19.50	peak
		27.02	17.75	44.77	54.00	-9.23	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

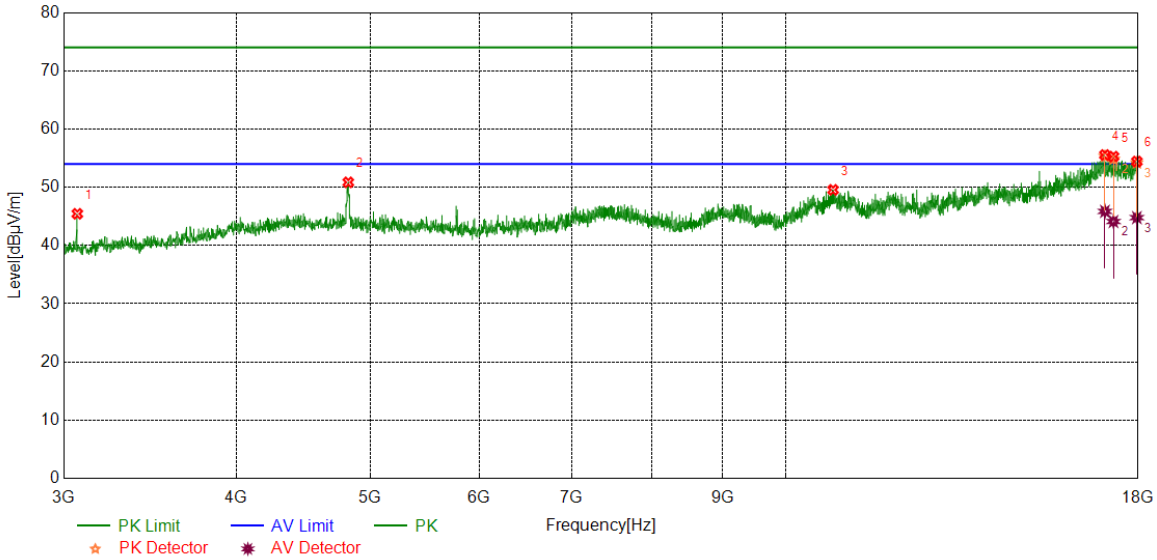


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4820.8526	42.08	5.31	47.39	74.00	-26.61	peak
2	5809.1011	41.30	5.35	46.65	74.00	-27.35	peak
3	9756.4696	38.36	8.28	46.64	74.00	-27.36	peak
4	16936.7421	36.62	18.43	55.05	74.00	-18.95	peak
		26.77	18.43	45.20	54.00	-8.80	average
5	17542.4428	37.61	17.55	55.16	74.00	-18.84	peak
		26.61	17.55	44.16	54.00	-9.84	average
6	17932.4916	37.03	18.18	55.21	74.00	-18.79	peak
		26.25	18.18	44.43	54.00	-9.57	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

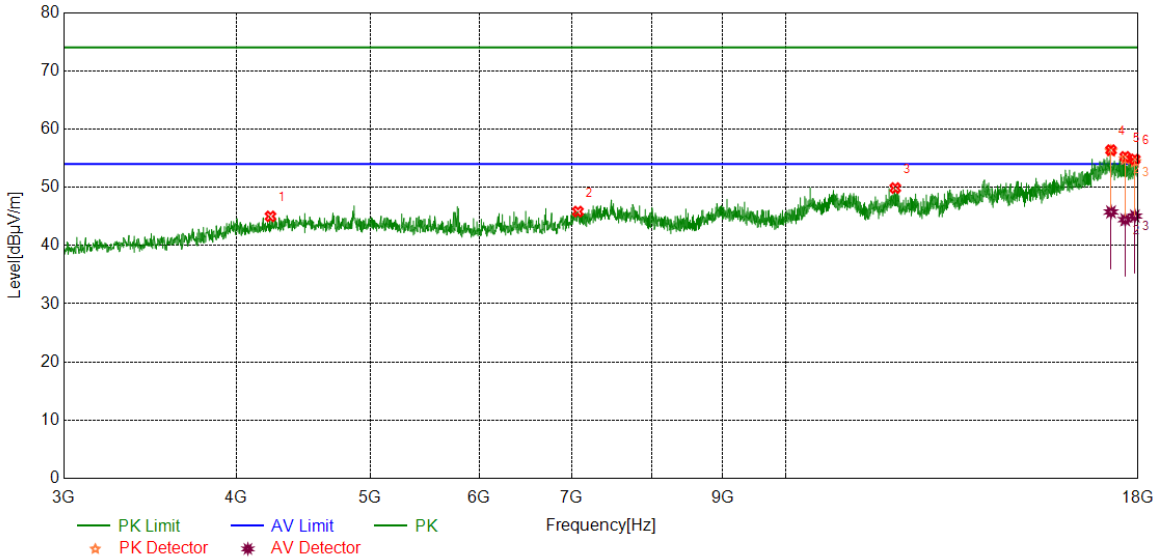


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3069.3837	44.88	0.57	45.45	74.00	-28.55	peak
2	4822.7278	45.50	5.35	50.85	74.00	-23.15	peak
3	10823.4779	37.40	12.16	49.56	74.00	-24.44	peak
4	17030.5038	36.52	19.03	55.55	74.00	-18.45	peak
		26.83	19.03	45.86	54.00	-8.14	average
5	17276.1595	37.73	17.54	55.27	74.00	-18.73	peak
		26.58	17.54	44.12	54.00	-9.88	average
6	17962.4953	36.16	18.27	54.43	74.00	-19.57	peak
		26.52	18.27	44.79	54.00	-9.21	average

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



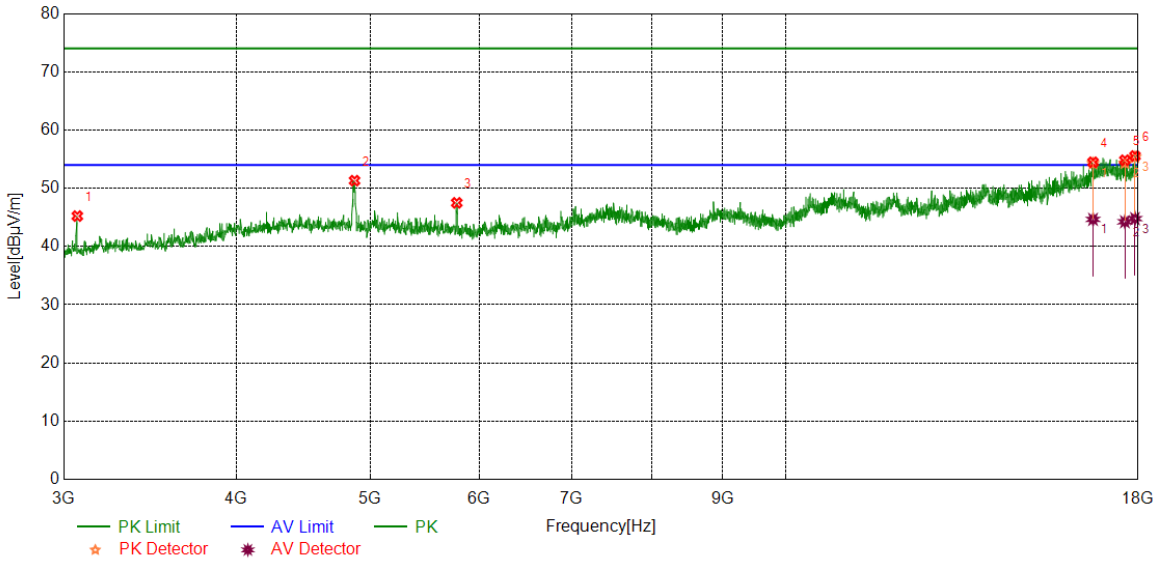
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4235.7795	40.24	4.76	45.00	74.00	-29.00	peak
2	7073.0091	37.56	8.27	45.83	74.00	-28.17	peak
3	12006.7508	37.08	12.79	49.87	74.00	-24.13	peak
4	17204.9006	38.28	18.10	56.38	74.00	-17.62	peak
		27.66	18.10	45.76	54.00	-8.24	average
5	17615.5769	37.50	17.73	55.23	74.00	-18.77	peak
		26.71	17.73	44.44	54.00	-9.56	average
6	17902.4878	36.43	18.37	54.80	74.00	-19.20	peak
		26.69	18.37	45.06	54.00	-8.94	average

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

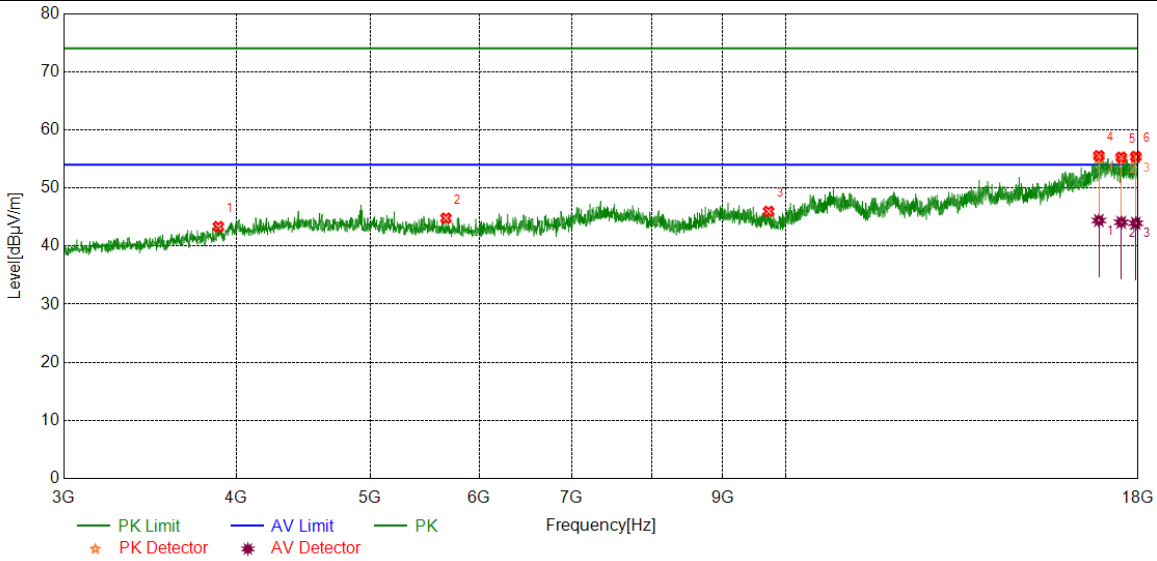


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3069.3837	44.66	0.57	45.23	74.00	-28.77	peak
2	4873.3592	45.99	5.32	51.31	74.00	-22.69	peak
3	5779.0974	42.20	5.30	47.50	74.00	-26.50	peak
4	16696.7121	36.47	18.00	54.47	74.00	-19.53	peak
		26.66	18.00	44.66	54.00	-9.34	average
5	17606.2008	37.11	17.71	54.82	74.00	-19.18	peak
		26.54	17.71	44.25	54.00	-9.75	average
6	17906.2383	37.22	18.33	55.55	74.00	-18.45	peak
		26.46	18.33	44.79	54.00	-9.21	average

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

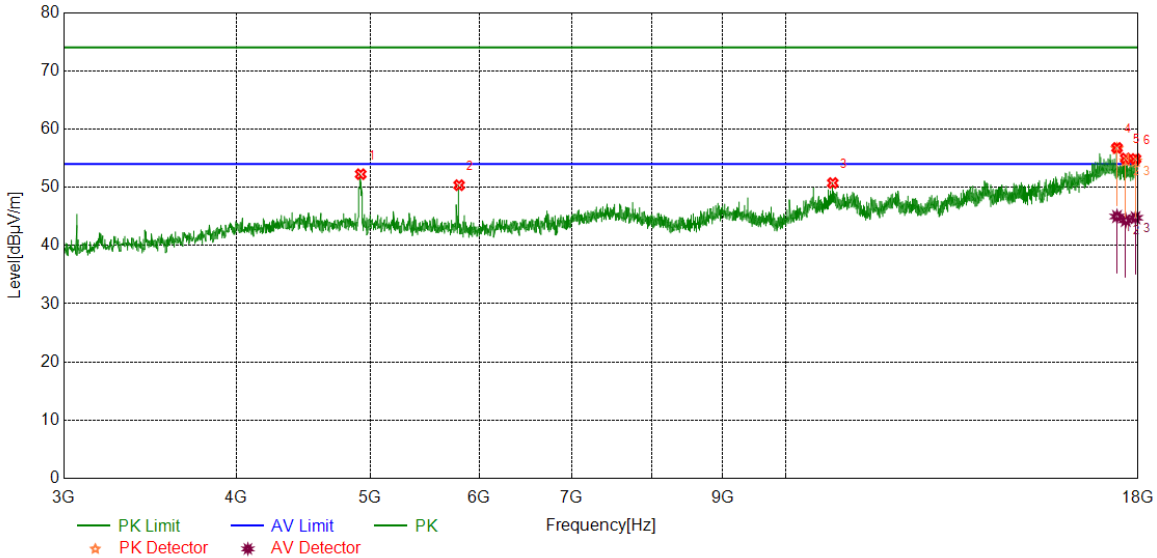


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3883.2354	39.81	3.53	43.34	74.00	-30.66	peak
2	5675.9595	39.44	5.35	44.79	74.00	-29.21	peak
3	9720.8401	37.71	8.25	45.96	74.00	-28.04	peak
4	16859.8575	37.48	18.05	55.53	74.00	-18.47	peak
		26.35	18.05	44.40	54.00	-9.60	average
5	17501.1876	37.22	18.05	55.27	74.00	-18.73	peak
		26.04	18.05	44.09	54.00	-9.91	average
6	17932.4916	37.22	18.18	55.40	74.00	-18.60	peak
		25.75	18.18	43.93	54.00	-10.07	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

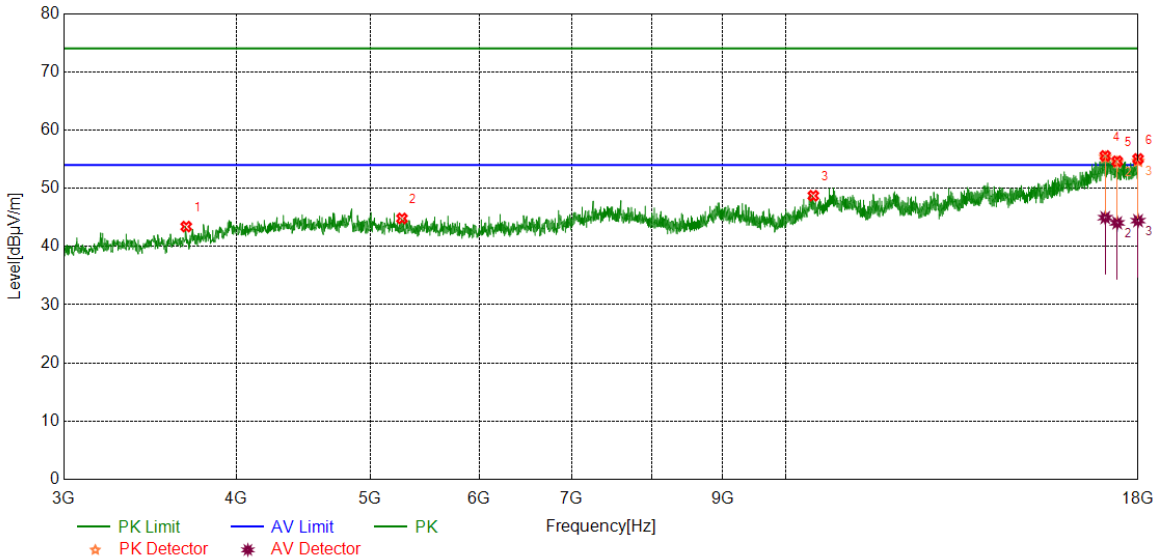


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4923.9905	47.07	5.18	52.25	74.00	-21.75	peak
2	5801.6002	44.94	5.42	50.36	74.00	-23.64	peak
3	10817.8522	38.52	12.22	50.74	74.00	-23.26	peak
4	17377.4222	38.18	18.58	56.76	74.00	-17.24	peak
		26.40	18.58	44.98	54.00	-9.02	average
5	17632.4541	37.62	17.34	54.96	74.00	-19.04	peak
		26.98	17.34	44.32	54.00	-9.68	average
6	17923.1154	36.97	17.90	54.87	74.00	-19.13	peak
		26.86	17.90	44.76	54.00	-9.24	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

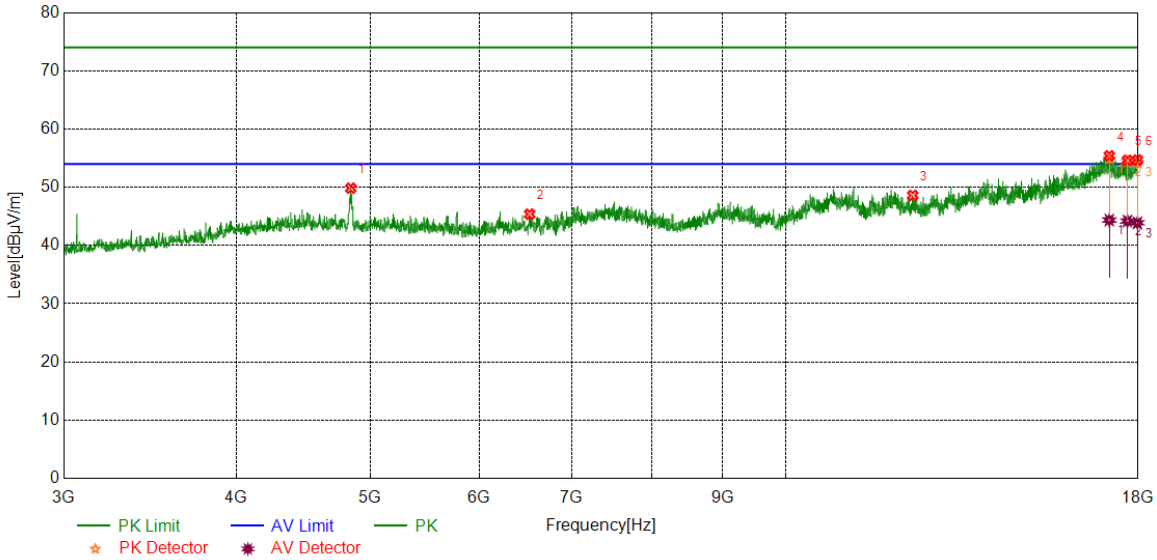


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3680.7101	40.54	2.88	43.42	74.00	-30.58	peak
2	5274.6593	39.23	5.59	44.82	74.00	-29.18	peak
3	10472.8091	37.36	11.36	48.72	74.00	-25.28	peak
4	17039.88	36.67	18.89	55.56	74.00	-18.44	peak
		26.07	18.89	44.96	54.00	-9.04	average
5	17383.0479	36.29	18.35	54.64	74.00	-19.36	peak
		25.71	18.35	44.06	54.00	-9.94	average
6	17998.1248	37.03	18.01	55.04	74.00	-18.96	peak
		26.43	18.01	44.44	54.00	-9.56	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

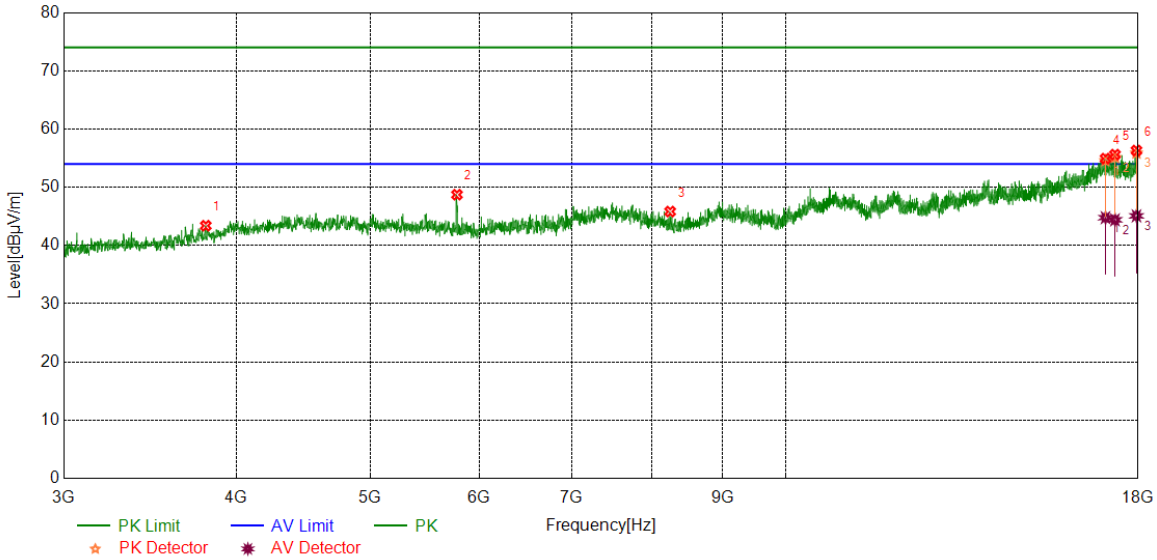


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4843.3554	44.40	5.45	49.85	74.00	-24.15	peak
2	6525.4407	38.02	7.36	45.38	74.00	-28.62	peak
3	12361.1701	36.74	11.86	48.60	74.00	-25.40	peak
4	17156.1445	37.15	18.25	55.40	74.00	-18.60	peak
		26.11	18.25	44.36	54.00	-9.64	average
5	17681.2102	36.66	17.97	54.63	74.00	-19.37	peak
		26.23	17.97	44.20	54.00	-9.80	average
6	17981.2477	36.63	18.04	54.67	74.00	-19.33	peak
		25.86	18.04	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.



Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS

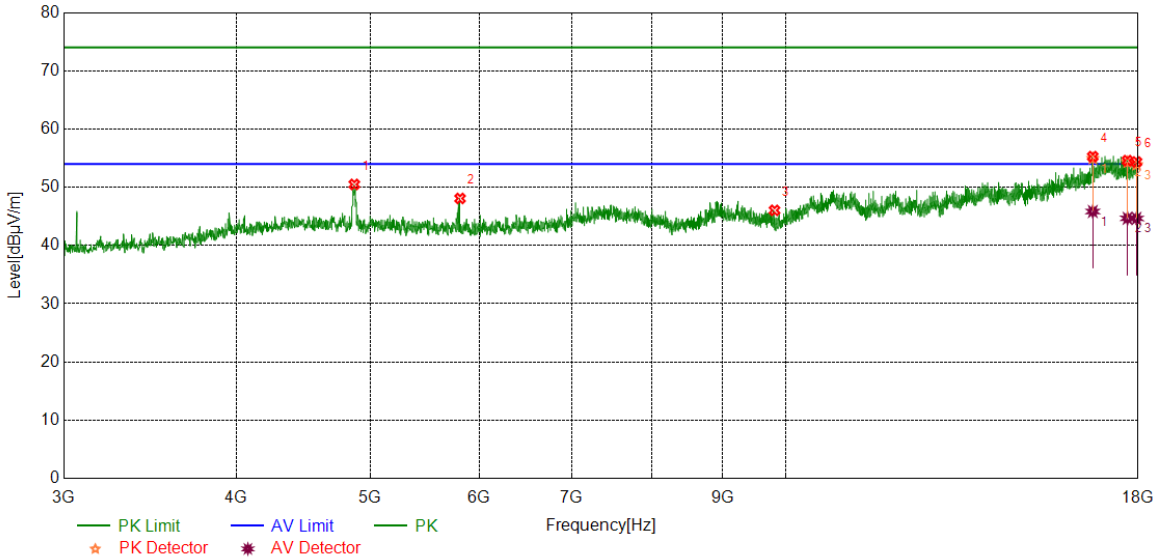


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3802.6003	39.98	3.42	43.40	74.00	-30.60	peak
2	5780.9726	43.44	5.29	48.73	74.00	-25.27	peak
3	8248.7811	38.86	6.97	45.83	74.00	-28.17	peak
4	17047.3809	36.30	18.63	54.93	74.00	-19.07	peak
		26.15	18.63	44.78	54.00	-9.22	average
5	17319.2899	37.81	17.80	55.61	74.00	-18.39	peak
		26.61	17.80	44.41	54.00	-9.59	average
6	17951.2439	37.75	18.56	56.31	74.00	-17.69	peak
		26.53	18.56	45.09	54.00	-8.91	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. 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

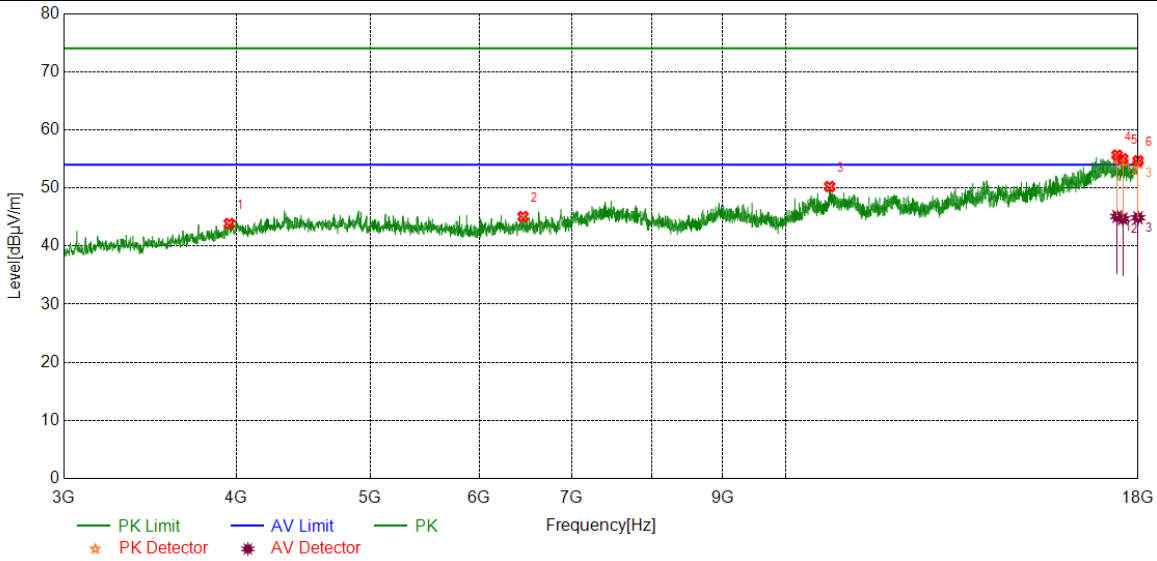


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4871.4839	45.17	5.32	50.49	74.00	-23.51	peak
2	5810.9764	42.76	5.32	48.08	74.00	-25.92	peak
3	9816.4771	37.59	8.45	46.04	74.00	-27.96	peak
4	16689.2112	37.10	18.17	55.27	74.00	-18.73	peak
		27.67	18.17	45.84	54.00	-8.16	average
5	17683.0854	36.61	17.97	54.58	74.00	-19.42	peak
		26.70	17.97	44.67	54.00	-9.33	average
6	17953.1191	35.81	18.54	54.35	74.00	-19.65	peak
		26.11	18.54	44.65	54.00	-9.35	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



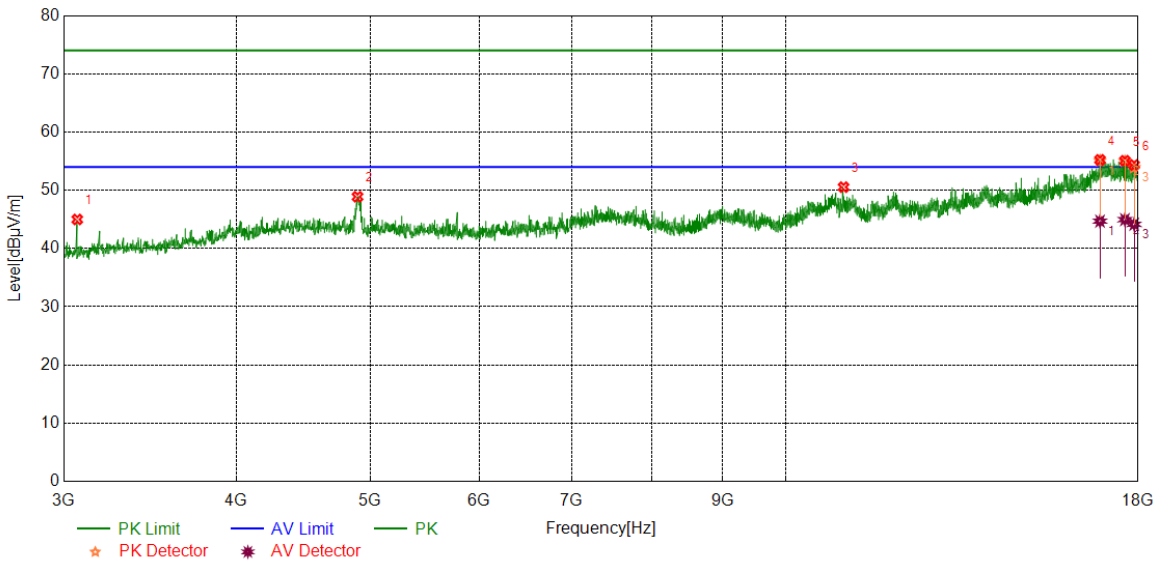
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3954.4943	39.41	4.46	43.87	74.00	-30.13	peak
2	6454.1818	37.81	7.26	45.07	74.00	-28.93	peak
3	10761.5952	38.22	12.02	50.24	74.00	-23.76	peak
4	17381.1726	37.13	18.51	55.64	74.00	-18.36	peak
		26.59	18.51	45.10	54.00	-8.90	average
5	17544.318	37.32	17.68	55.00	74.00	-19.00	peak
		27.01	17.68	44.69	54.00	-9.31	average
6	17998.1248	36.65	18.01	54.66	74.00	-19.34	peak
		26.86	18.01	44.87	54.00	-9.13	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. 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	3069.3837	44.42	0.57	44.99	74.00	-29.01	peak
2	4897.7372	43.54	5.35	48.89	74.00	-25.11	peak
3	11014.7518	38.03	12.51	50.54	74.00	-23.46	peak
4	16891.7365	37.40	17.83	55.23	74.00	-18.77	peak
		26.87	17.83	44.70	54.00	-9.30	average
5	17608.076	37.28	17.79	55.07	74.00	-18.93	peak
		27.17	17.79	44.96	54.00	-9.04	average
6	17881.8602	36.12	18.22	54.34	74.00	-19.66	peak
		25.94	18.22	44.16	54.00	-9.84	average

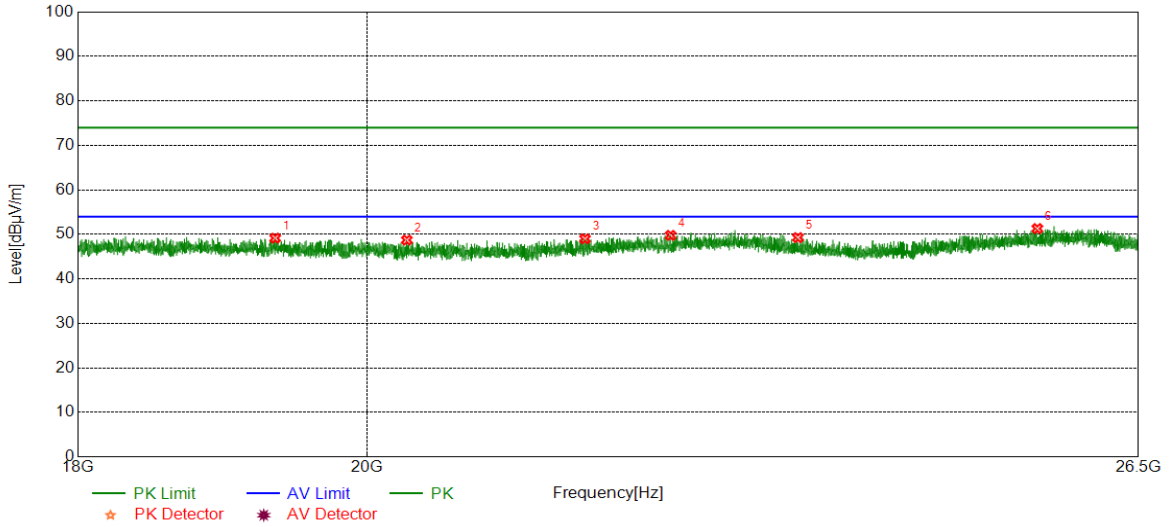
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For above 3GHz part, filter 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
11N20 MIMO	LCH	Horizontal	PASS

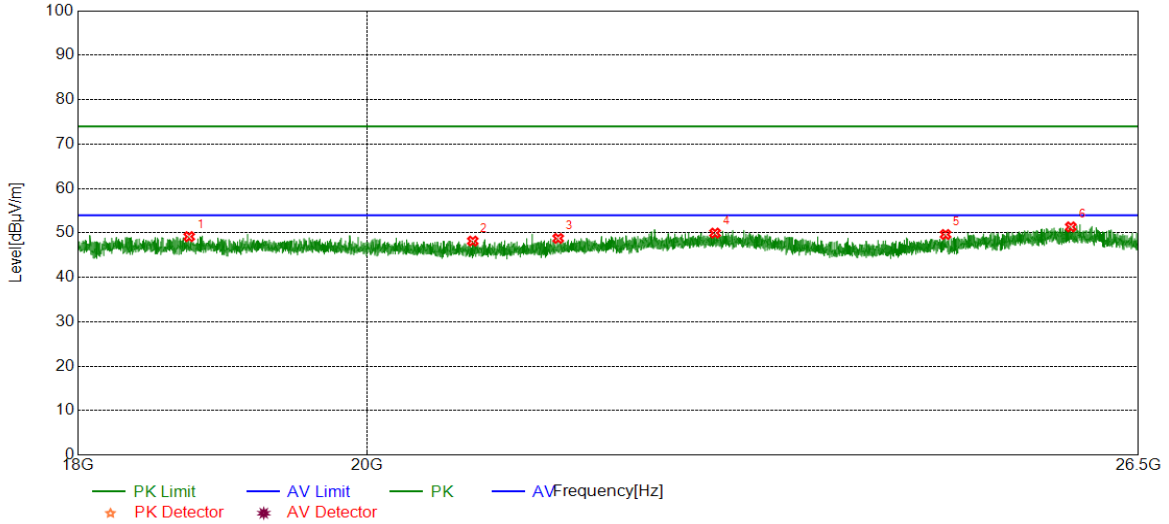


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	19341.4341	50.01	-0.85	49.16	74.00	-24.84	peak
2	20293.5294	49.38	-0.65	48.73	74.00	-25.27	peak
3	21656.2156	49.30	-0.30	49.00	74.00	-25.00	peak
4	22343.9344	49.18	0.60	49.78	74.00	-24.22	peak
5	23405.6906	49.14	0.14	49.28	74.00	-24.72	peak
6	25542.8043	50.38	0.92	51.30	74.00	-22.70	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
11N20 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18743.8244	50.19	-1.02	49.17	74.00	-24.83	peak
2	20787.4287	49.06	-0.89	48.17	74.00	-25.83	peak
3	21445.3945	49.34	-0.57	48.77	74.00	-25.23	peak
4	22708.6209	48.97	1.00	49.97	74.00	-24.03	peak
5	24701.2201	49.96	-0.30	49.66	74.00	-24.34	peak
6	25856.4856	49.94	1.43	51.37	74.00	-22.63	peak

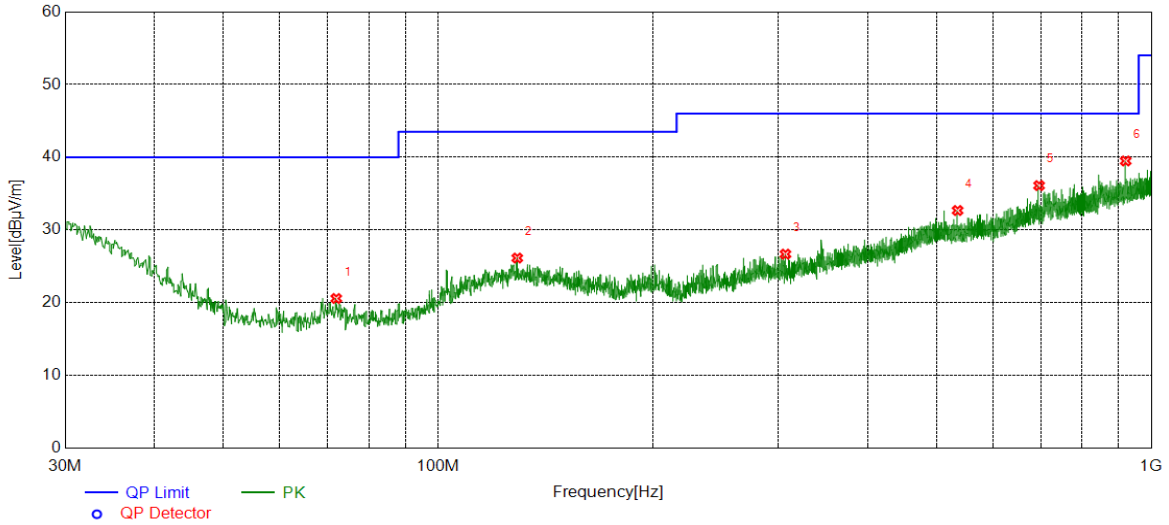
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.



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

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

Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Horizontal	PASS

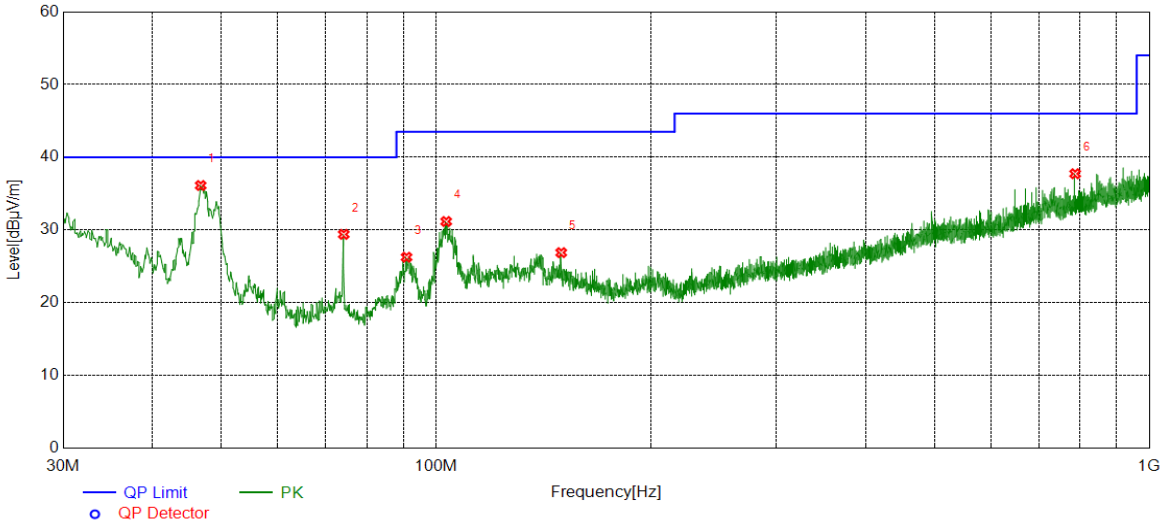


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	72.0052	5.91	14.67	20.58	40.00	-19.42	peak
2	129.1439	5.91	20.23	26.14	43.50	-17.36	peak
3	306.9627	6.03	20.65	26.68	46.00	-19.32	peak
4	535.1295	6.65	26.03	32.68	46.00	-13.32	peak
5	696.0686	7.65	28.46	36.11	46.00	-9.89	peak
6	920.6461	8.14	31.35	39.49	46.00	-6.51	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
11N20 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	46.7827	19.60	16.52	36.12	40.00	-3.88	peak
2	74.2364	14.79	14.61	29.40	40.00	-10.60	peak
3	90.9221	11.61	14.65	26.26	43.50	-17.24	peak
4	103.3393	13.72	17.45	31.17	43.50	-12.33	peak
5	149.8070	7.49	19.40	26.89	43.50	-16.61	peak
6	787.0637	8.13	29.61	37.74	46.00	-8.26	peak

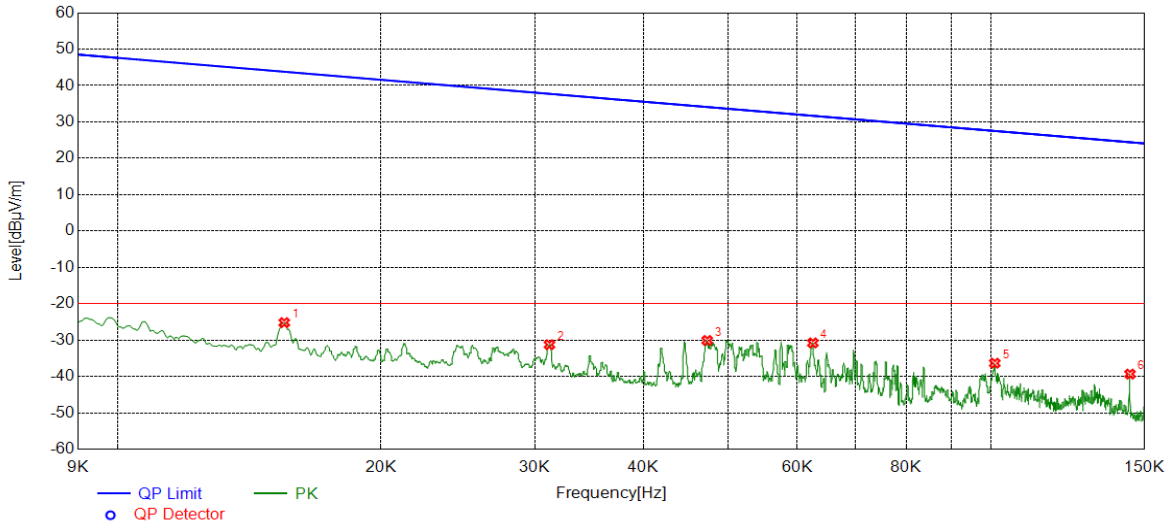
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.



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

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

Test Mode	Channel	Frequency Range	Verdict
11N20 MIMO	LCH	9KHz~150KHz	PASS

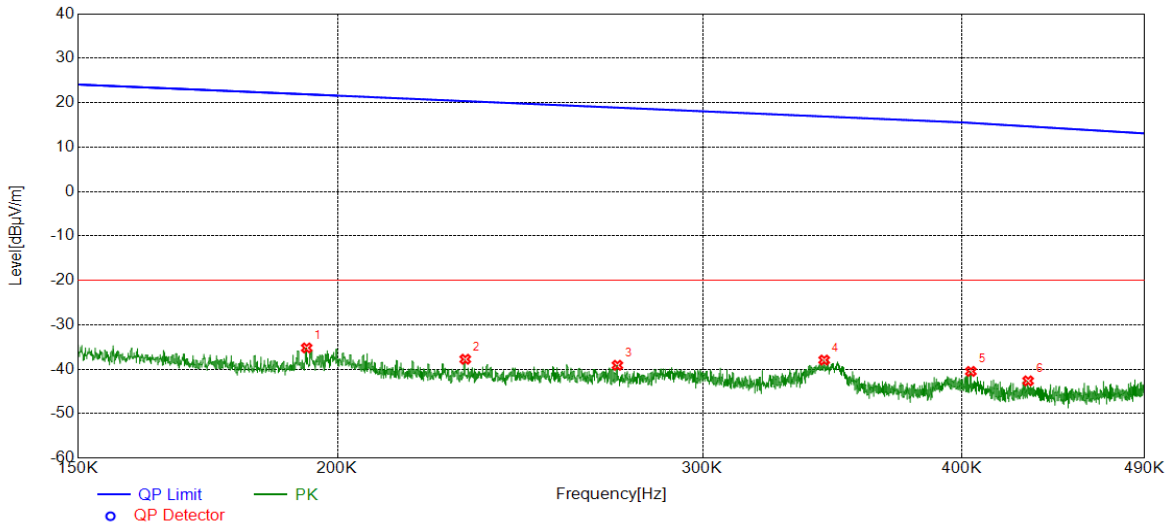


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	35.78	-60.98	-25.20	43.80	-69.00	peak
2	0.0312	29.66	-60.92	-31.26	37.71	-68.97	peak
3	0.0473	30.91	-61.02	-30.11	34.11	-64.22	peak
4	0.0625	30.45	-61.23	-30.78	31.68	-62.46	peak
5	0.1010	24.38	-60.73	-36.35	27.52	-63.87	peak
6	0.1443	21.90	-61.25	-39.35	24.42	-63.77	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
11N20 MIMO	LCH	150KHz~490Hz	PASS

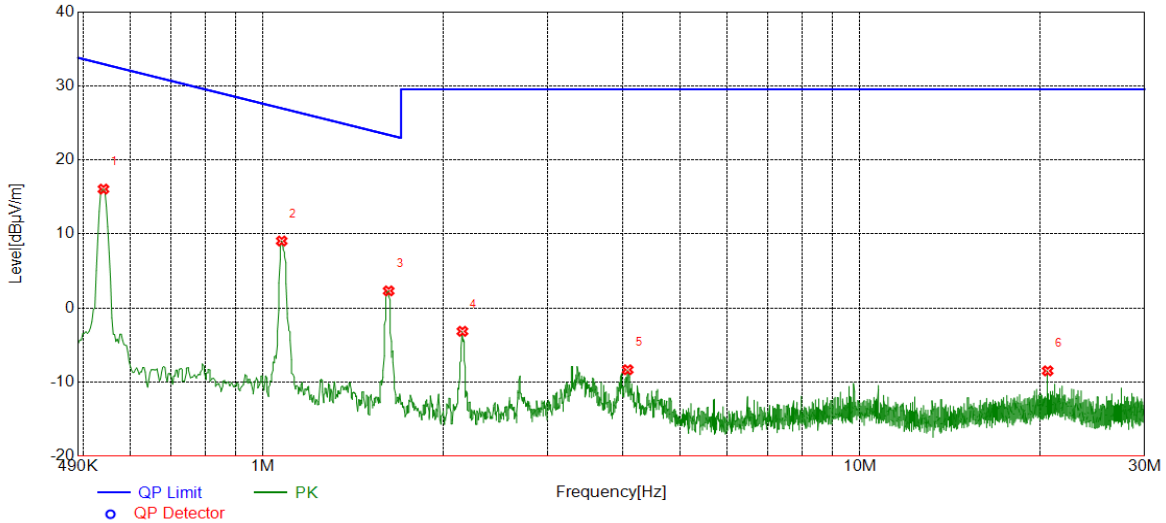


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1933	25.90	-61.10	-35.20	21.88	-57.08	peak
2	0.2305	23.16	-60.91	-37.75	20.35	-58.10	peak
3	0.2729	21.68	-60.79	-39.11	18.88	-57.99	peak
4	0.3433	22.80	-60.73	-37.93	16.89	-54.82	peak
5	0.4040	20.19	-60.68	-40.49	15.44	-55.93	peak
6	0.4305	18.03	-60.65	-42.62	14.66	-57.28	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
11N20 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	0.5402	36.67	-20.61	16.06	32.95	-16.89	peak
2	1.0744	29.40	-20.35	9.05	26.98	-17.93	peak
3	1.6233	22.58	-20.27	2.31	23.39	-21.08	peak
4	2.1575	17.10	-20.25	-3.15	29.54	-32.69	peak
5	4.0817	11.72	-20.06	-8.34	29.54	-37.88	peak
6	20.6267	8.92	-17.41	-8.49	29.54	-38.03	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



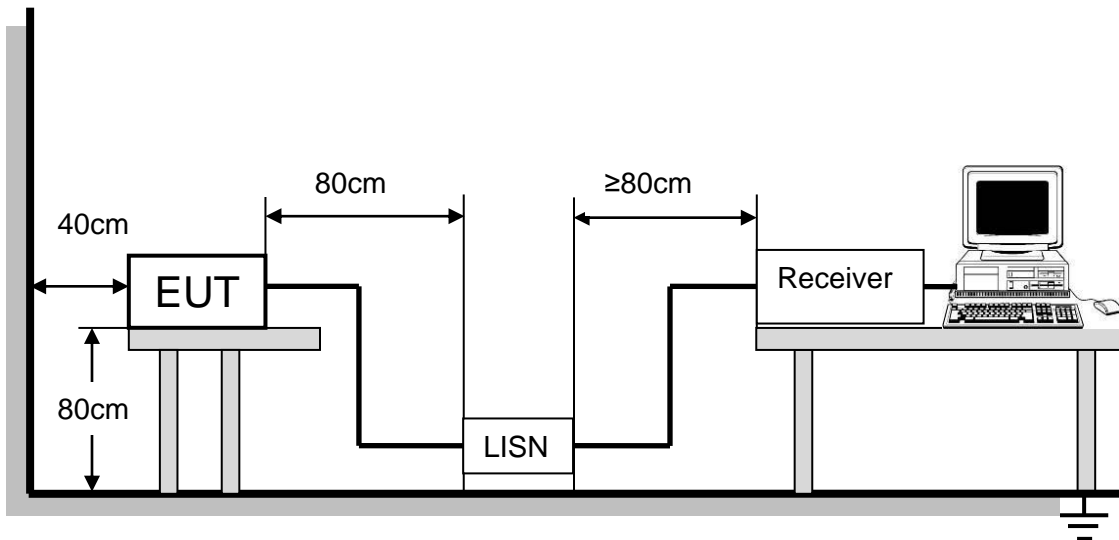
## 8. AC POWER LINE CONDUCTED EMISSIONS

### 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



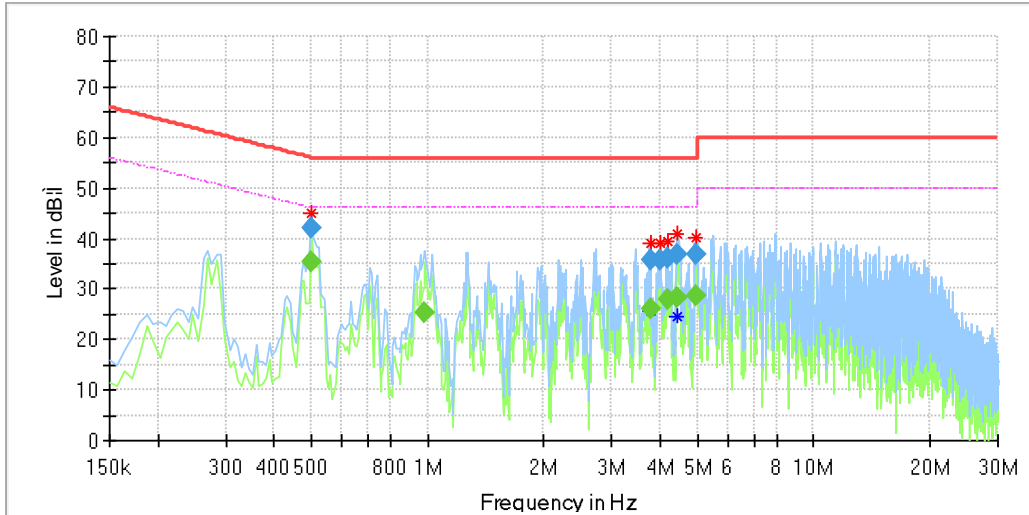
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) 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:**



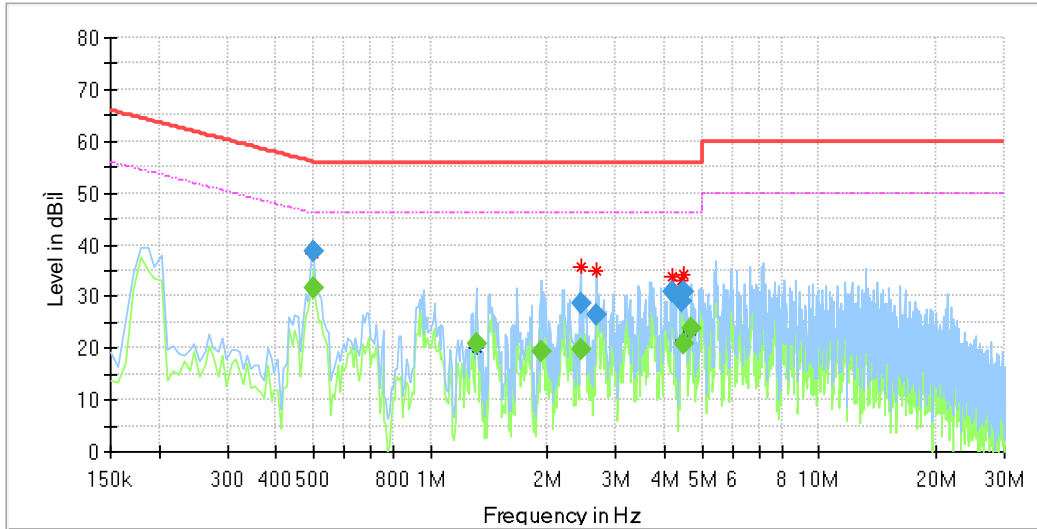
**Final Result**

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.500738	---	35.36	46.00	10.64	1000.0	9.000	L1	OFF	9.7
0.500738	42.20	---	56.00	13.80	1000.0	9.000	L1	OFF	9.7
0.985800	---	25.43	46.00	20.57	1000.0	9.000	L1	OFF	9.7
3.769313	35.90	---	56.00	20.10	1000.0	9.000	L1	OFF	9.7
3.769313	---	25.95	46.00	20.05	1000.0	9.000	L1	OFF	9.7
4.000650	35.84	---	56.00	20.16	1000.0	9.000	L1	OFF	9.7
4.172288	36.17	---	56.00	19.83	1000.0	9.000	L1	OFF	9.6
4.172288	---	28.03	46.00	17.97	1000.0	9.000	L1	OFF	9.6
4.455863	36.90	---	56.00	19.10	1000.0	9.000	L1	OFF	9.5
4.455863	---	28.19	46.00	17.81	1000.0	9.000	L1	OFF	9.5
4.970775	---	28.48	46.00	17.52	1000.0	9.000	L1	OFF	9.4
4.978238	36.71	---	56.00	19.29	1000.0	9.000	L1	OFF	9.4

- 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)
0.500738	---	31.76	46.00	14.24	1000.0	9.000	N	OFF	9.6
0.500738	38.59	---	56.00	17.41	1000.0	9.000	N	OFF	9.6
1.314150	---	20.91	46.00	25.09	1000.0	9.000	N	OFF	9.6
1.926075	---	19.50	46.00	26.50	1000.0	9.000	N	OFF	9.7
2.433525	28.47	---	56.00	27.53	1000.0	9.000	N	OFF	9.5
2.433525	---	19.78	46.00	26.22	1000.0	9.000	N	OFF	9.5
2.664863	26.34	---	56.00	29.66	1000.0	9.000	N	OFF	9.5
4.179750	30.87	---	56.00	25.13	1000.0	9.000	N	OFF	9.6
4.411088	29.19	---	56.00	26.81	1000.0	9.000	N	OFF	9.6
4.485713	---	20.98	46.00	25.02	1000.0	9.000	N	OFF	9.6
4.485713	30.82	---	56.00	25.18	1000.0	9.000	N	OFF	9.6
4.679738	---	23.90	46.00	22.10	1000.0	9.000	N	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.



## 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**