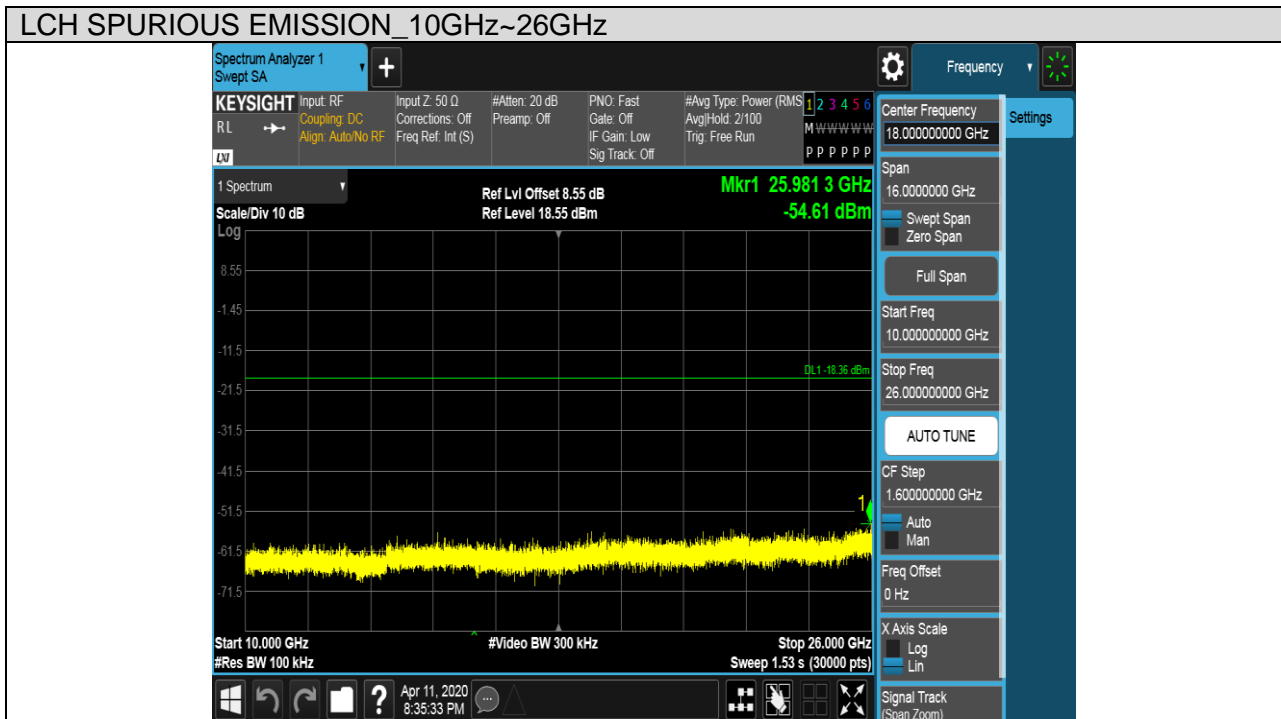
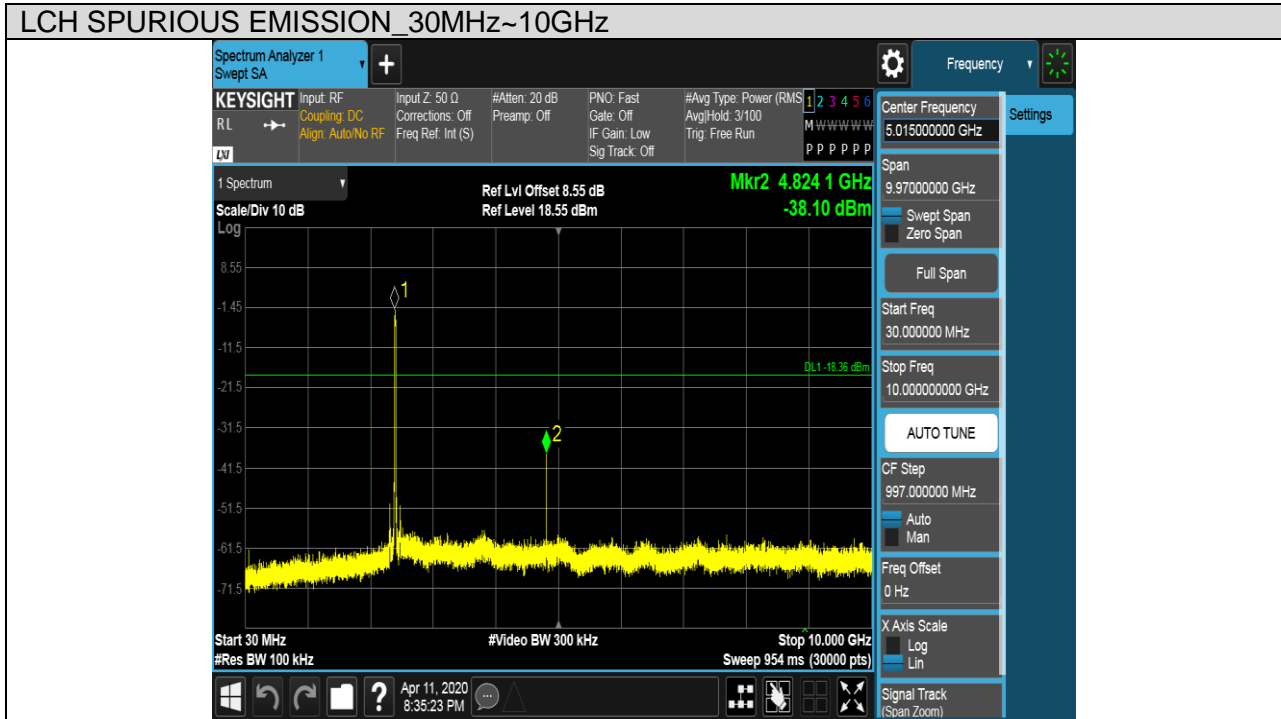




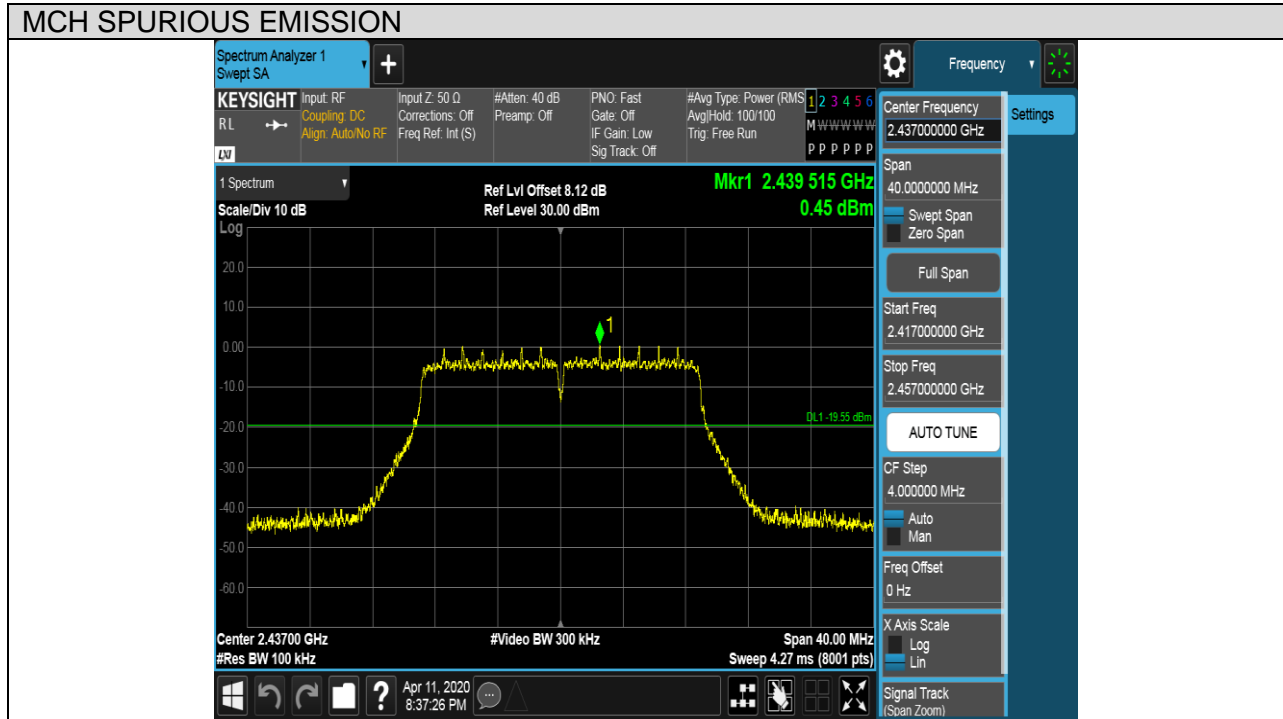
Puw test Plot





Test Mode	Channel	Verdict
11N HT20	MCH	PASS

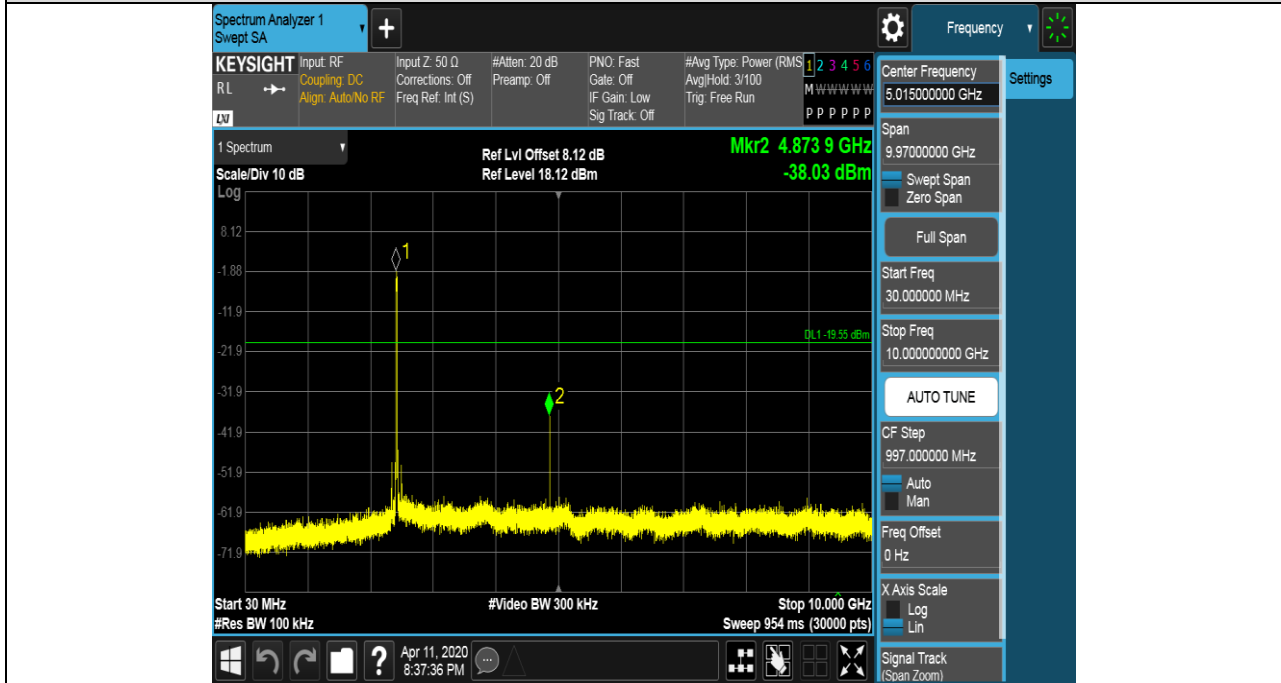
Pref test Plot



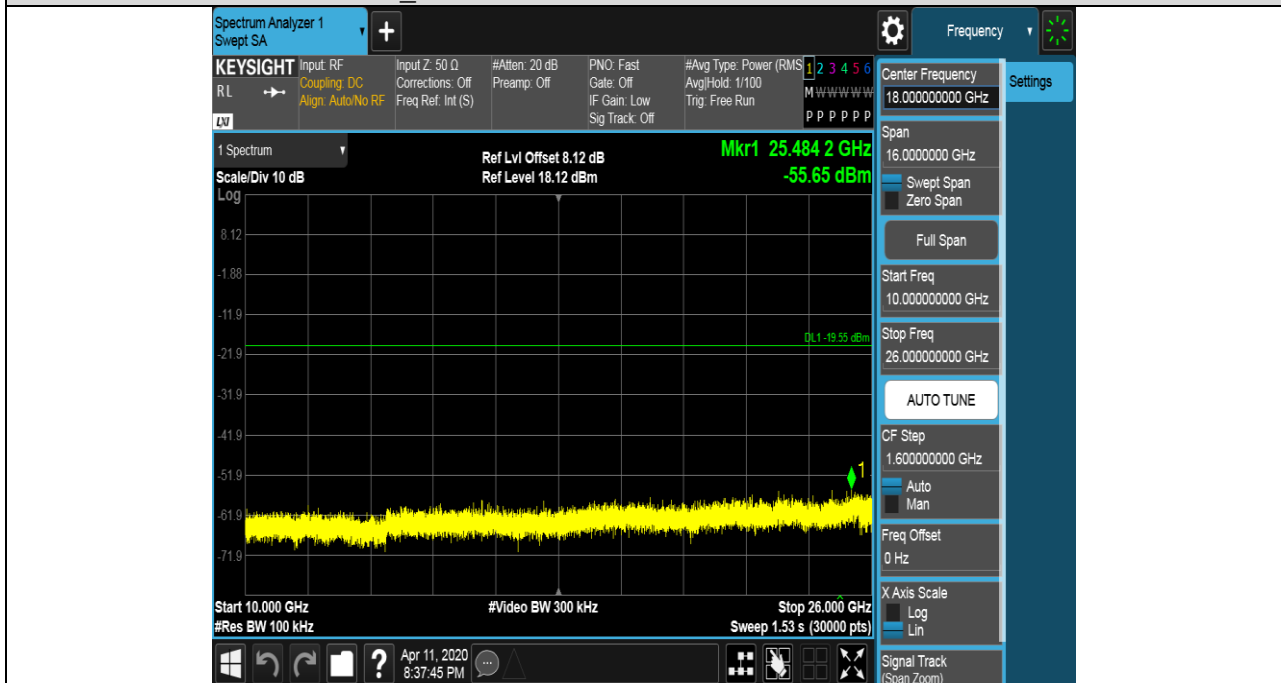


Puw test Plot

MCH SPURIOUS EMISSION\_30MHz~10GHz



MCH SPURIOUS EMISSION\_10GHz~26GHz

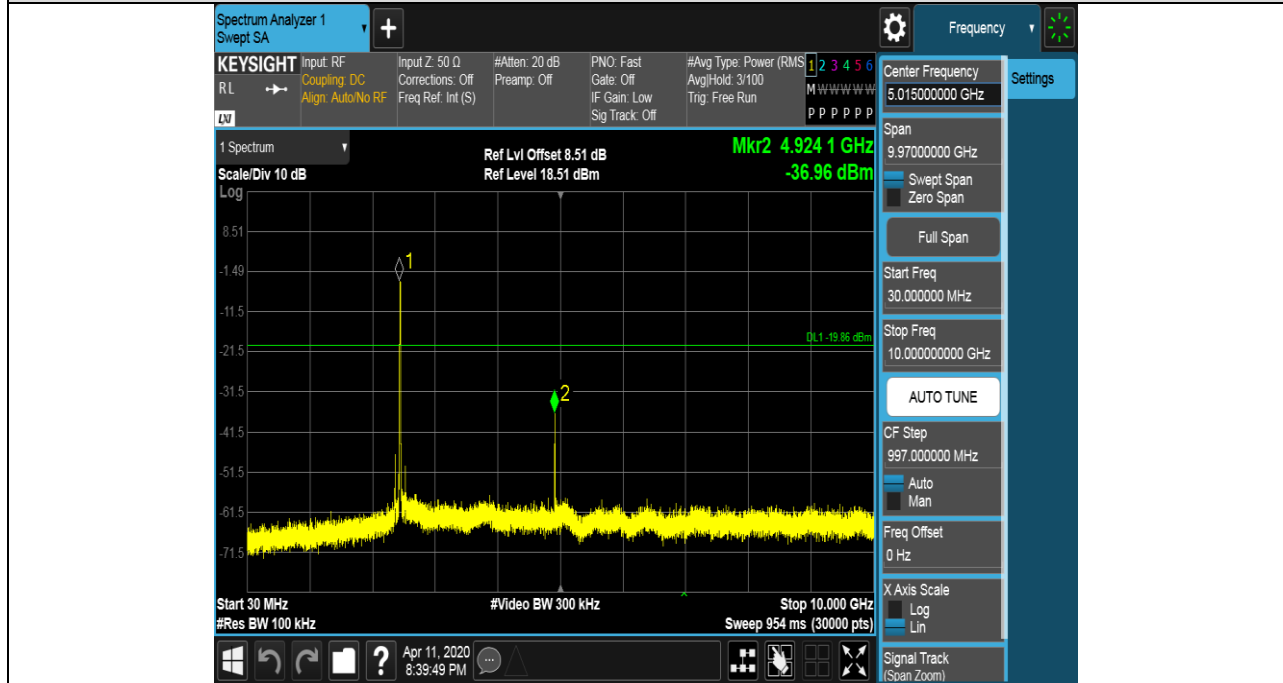




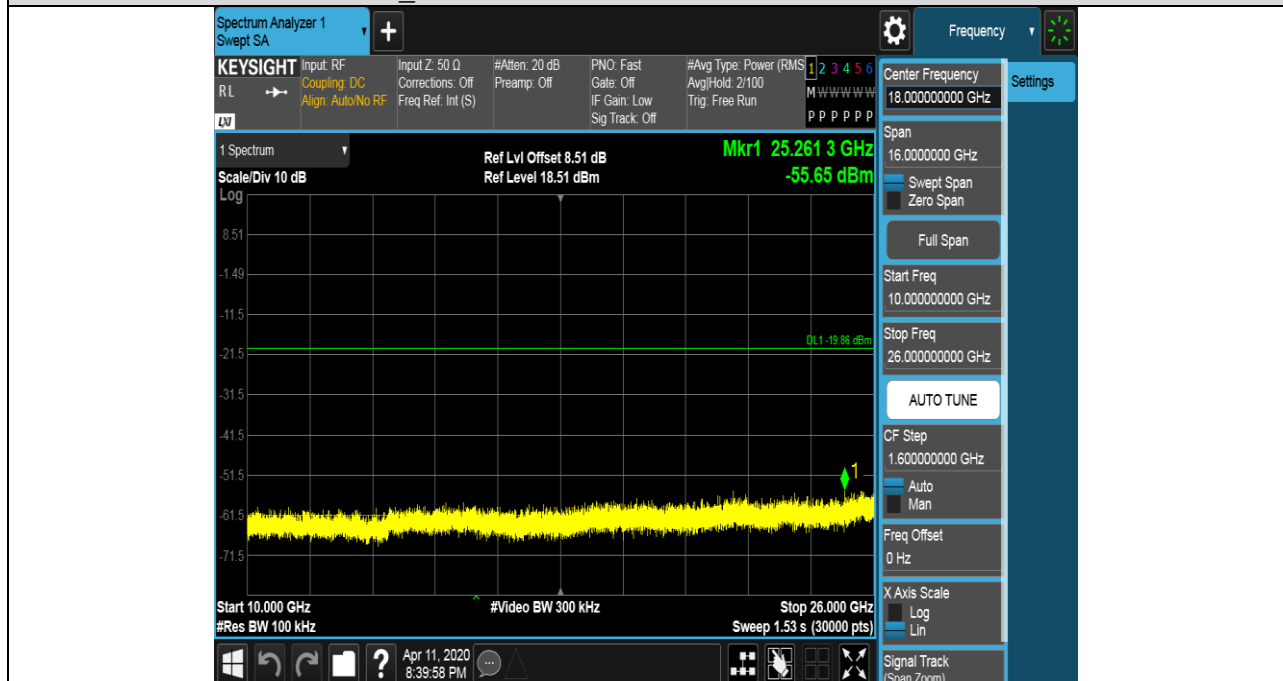


Puw test Plot

HCH SPURIOUS EMISSION\_30MHz~10GHz



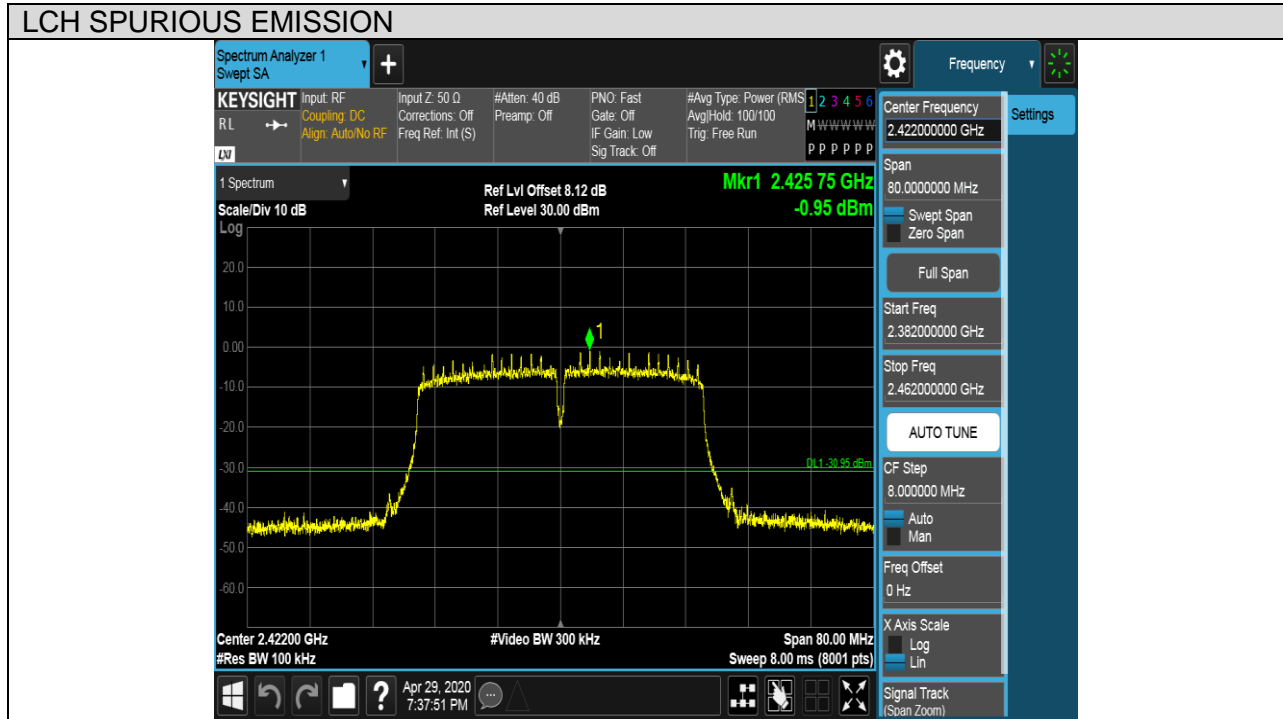
HCH SPURIOUS EMISSION\_10GHz~26GHz





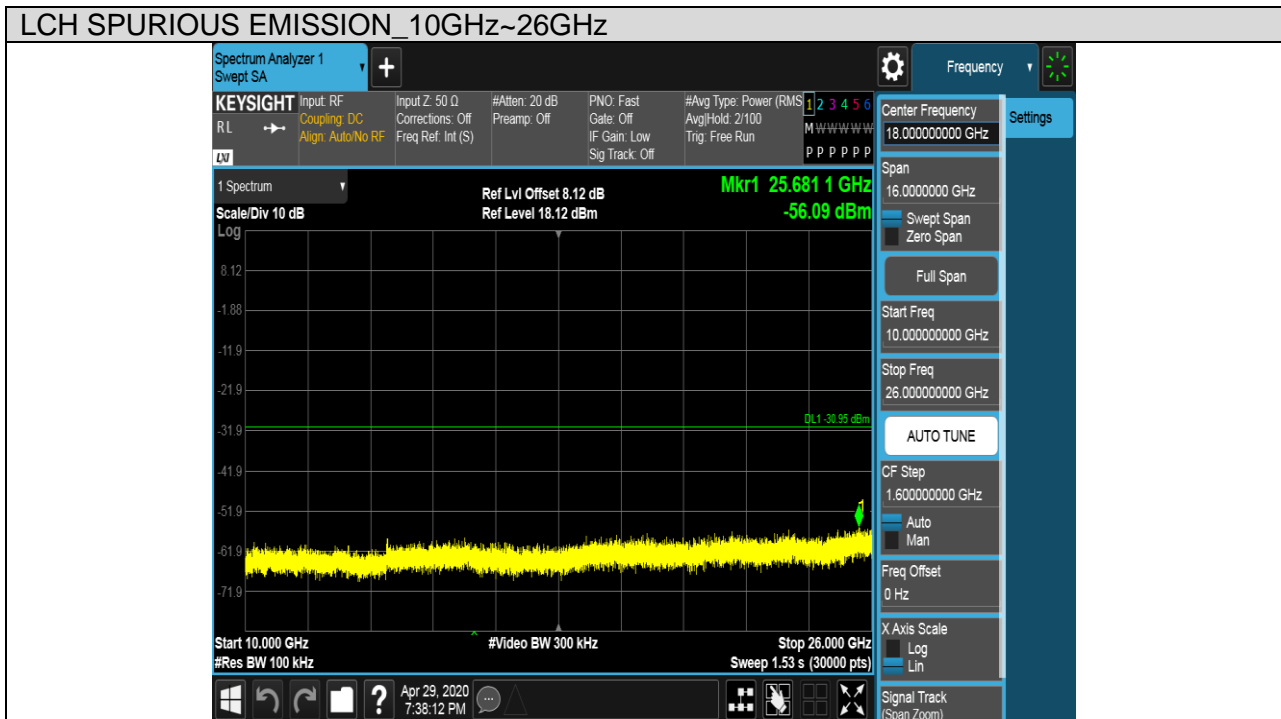
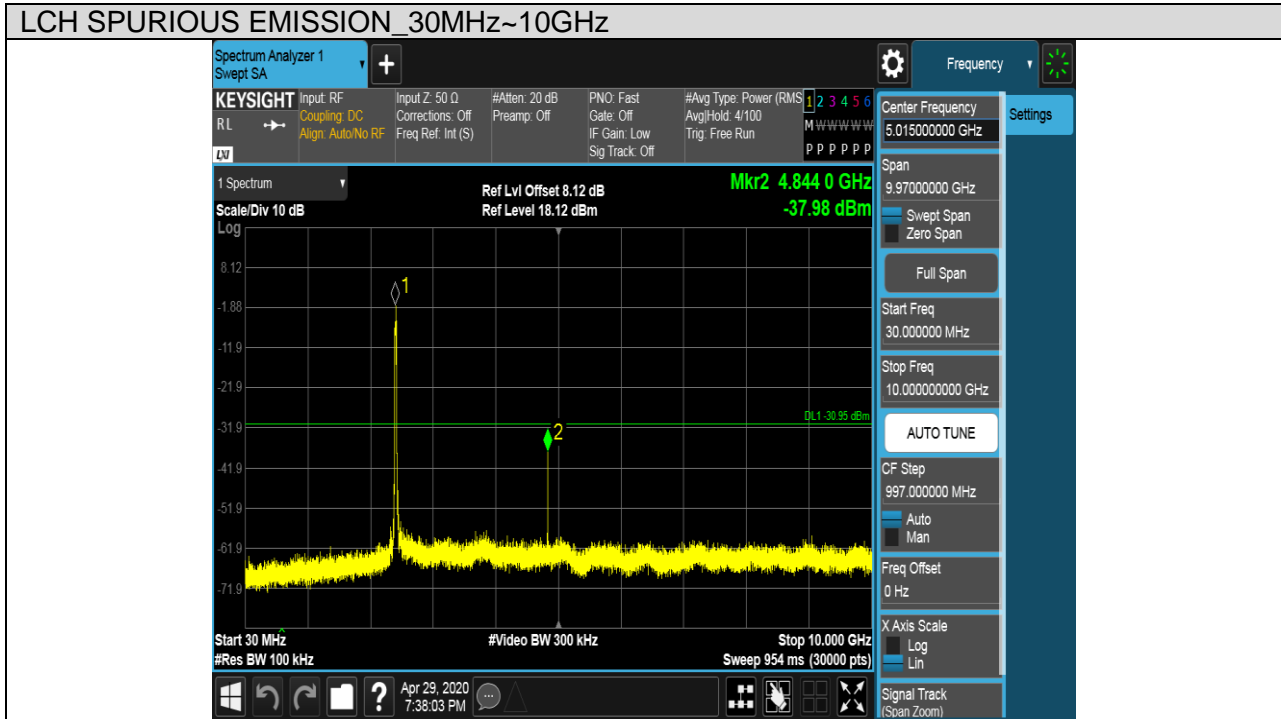
Test Mode	Channel	Verdict
11N HT40	LCH	PASS

Pref test Plot





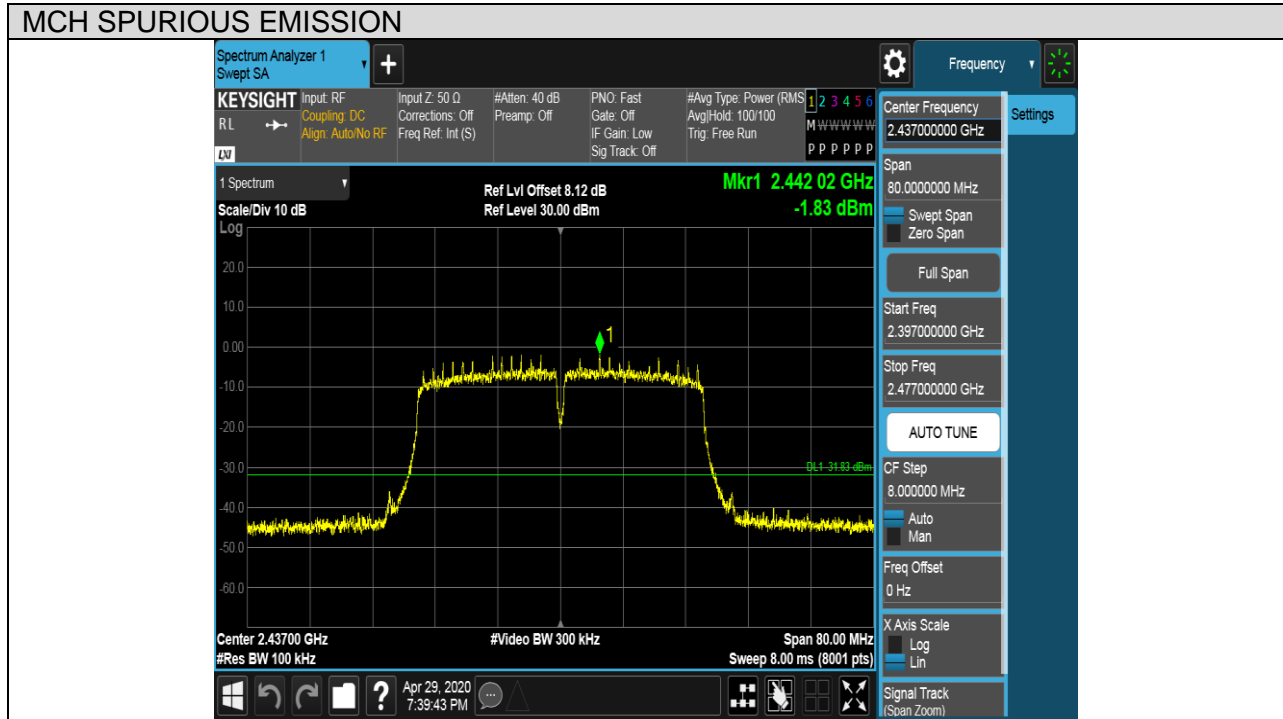
Puw test Plot





Test Mode	Channel	Verdict
11N HT40	MCH	PASS

Pref test Plot

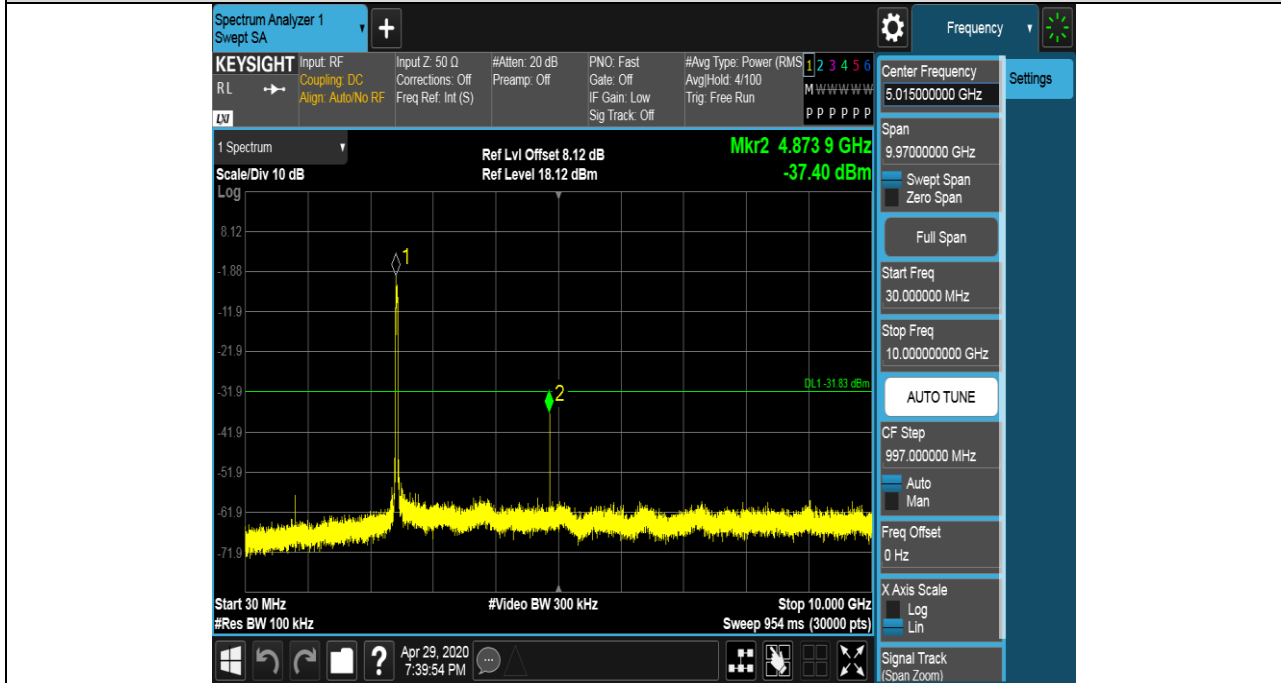




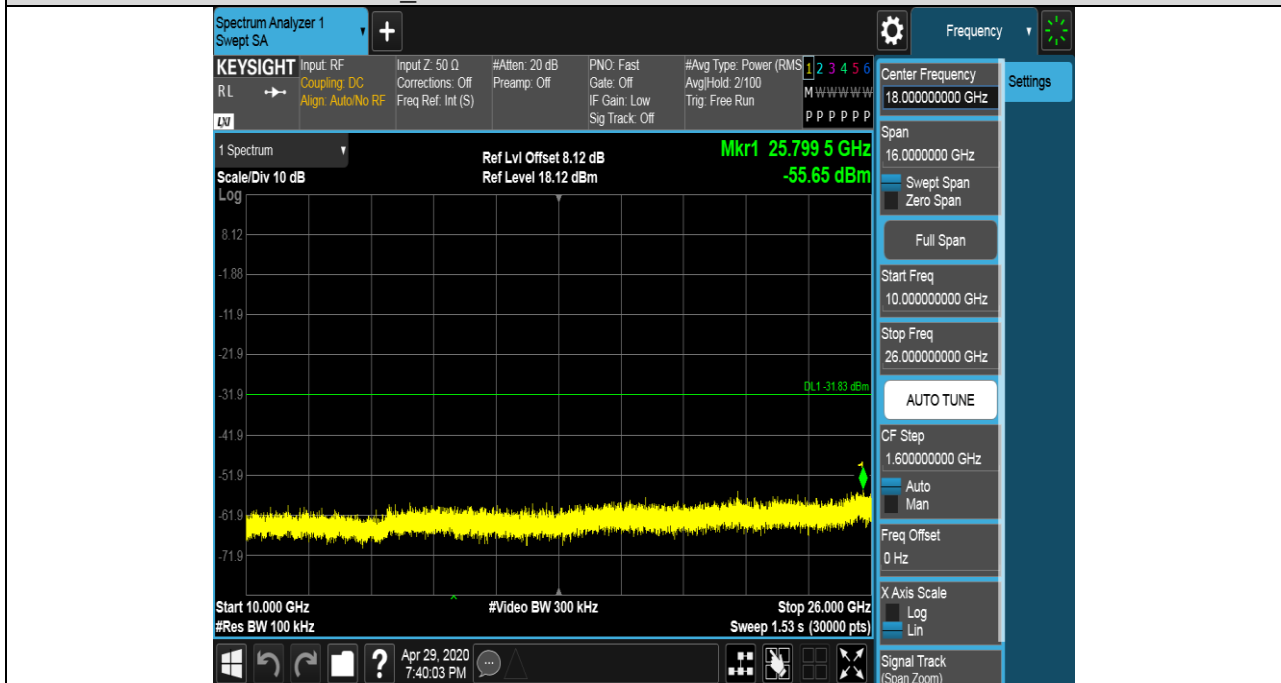


Puw test Plot

MCH SPURIOUS EMISSION\_30MHz~10GHz



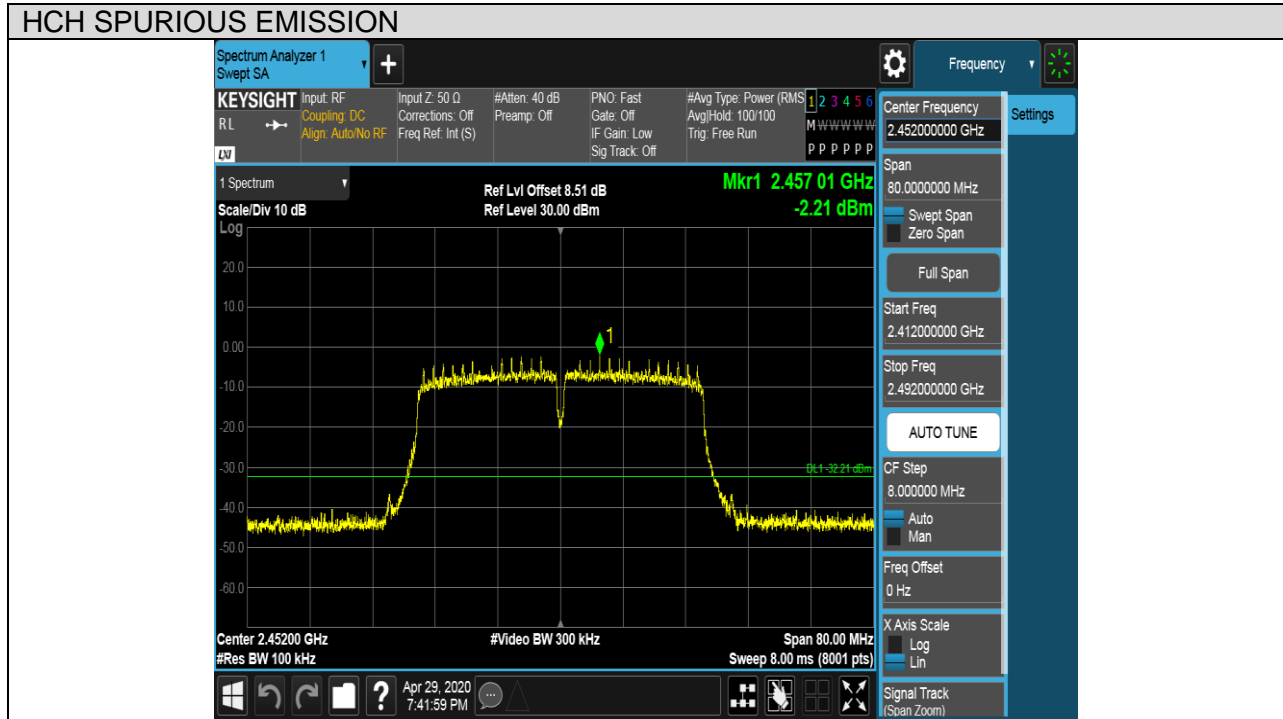
MCH SPURIOUS EMISSION\_10GHz~26GHz





Test Mode	Channel	Verdict
11N HT40	HCH	PASS

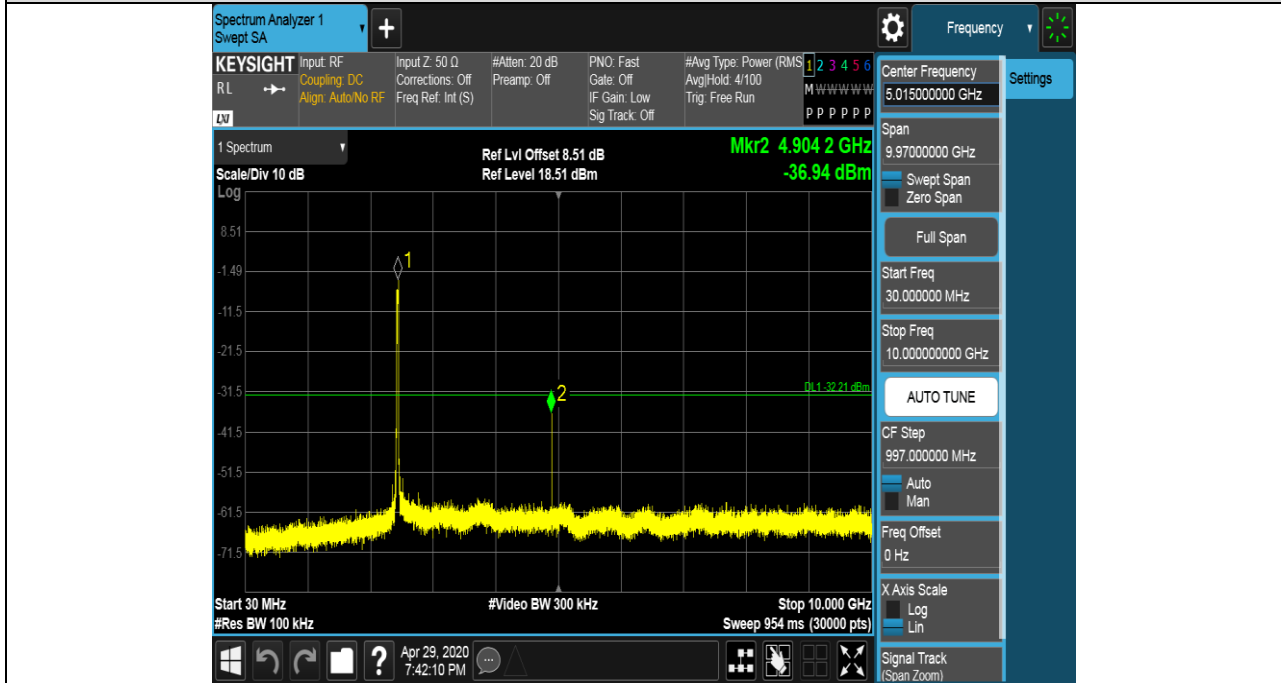
### Pref test Plot



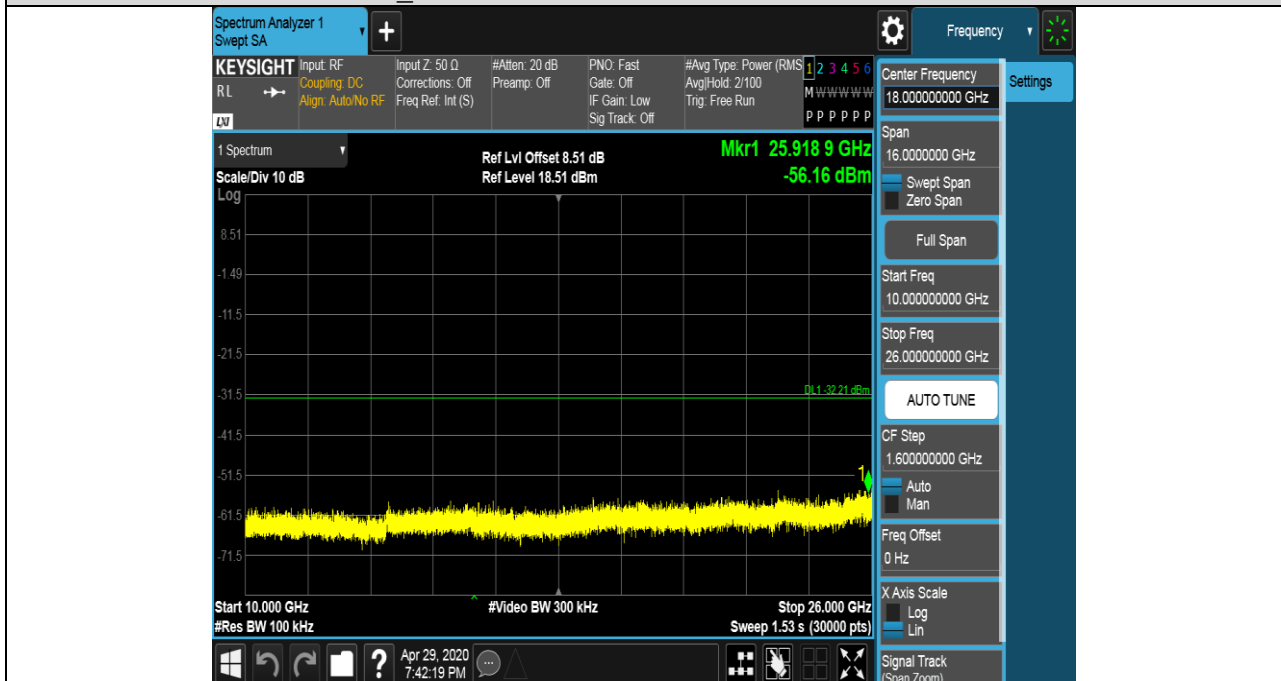


Puw test Plot

HCH SPURIOUS EMISSION\_30MHz~10GHz



HCH SPURIOUS EMISSION\_10GHz~26GHz





## 7.6. RADIATED TEST RESULTS

### 7.6.1.LIMITS AND PROCEDURE

#### LIMITS

Please refer to FCC §15.205 and §15.209

Please refer to FCC KDB 558074

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

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

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

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



Radiation Disturbance Test Limit for FCC (Above 1G)

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

Restricted bands of operation

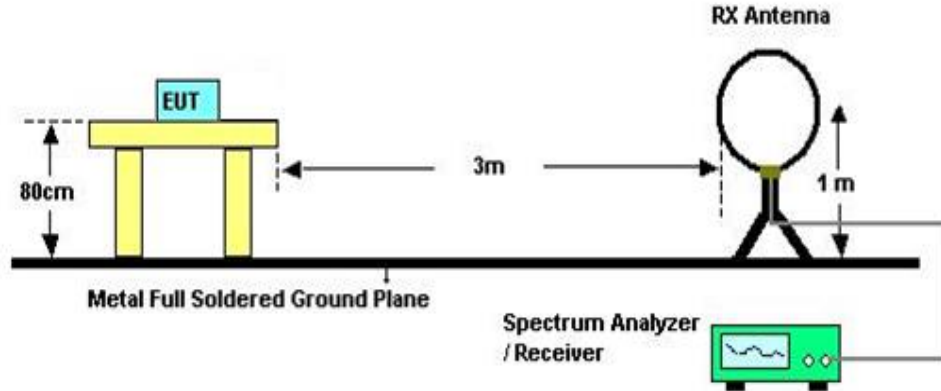
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5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

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

<sup>2</sup>Above 38.6c

**TEST SETUP AND PROCEDURE**

Below 30MHz

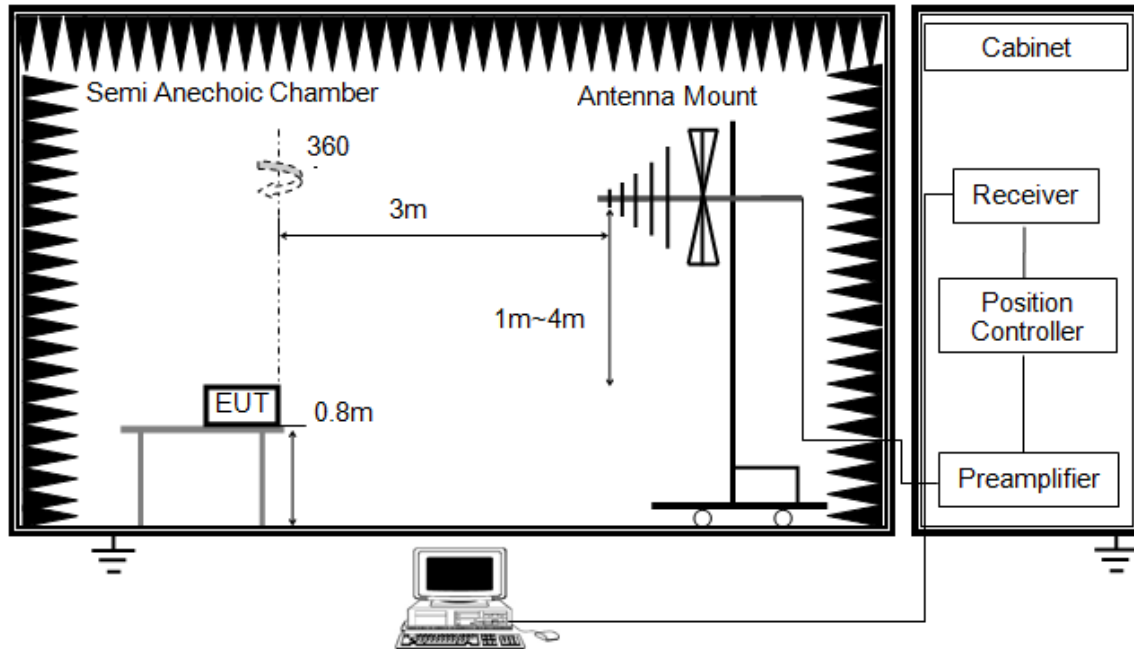


The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 0.8 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector
6. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Below 1G

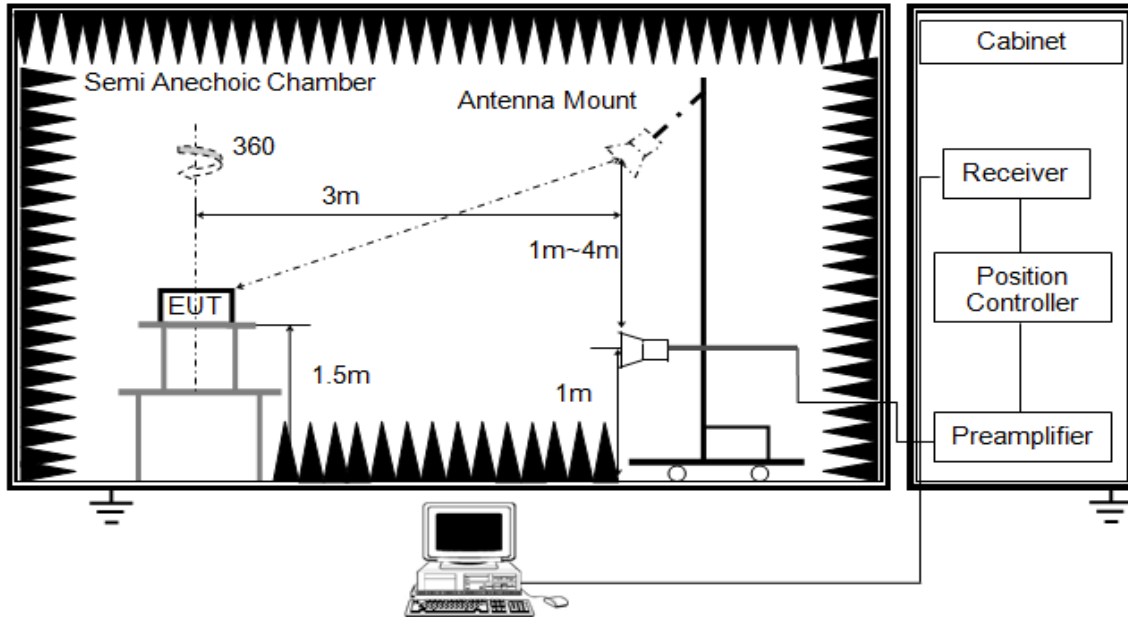


The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 0.8 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
6. For the actual test configuration, please refer to the related Item in this test report (Photographs of the Test Configuration)

Above 1G



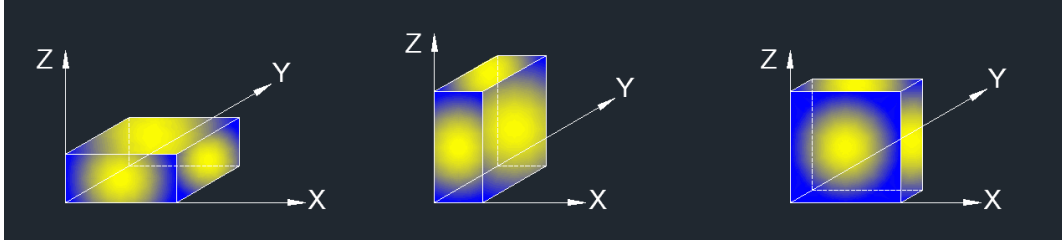
The setting of the spectrum analyser

RBW	1M
VBW	PEAK:3M AVG: See note6
Sweep	Auto
Detector	Peak/Average(10Hz)
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with set  $VBW \leq RBW/100$ , but not less than 10Hz video bandwidth with peak detector, max hold to be run for at least 50 traces for average measurements.
8. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)



X axis, Y axis positions:



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



### 7.6.2. TEST ENVIRONMENT

Temperature	22°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	DC 12V

### 7.6.3. RESTRICTED BANDEDGE

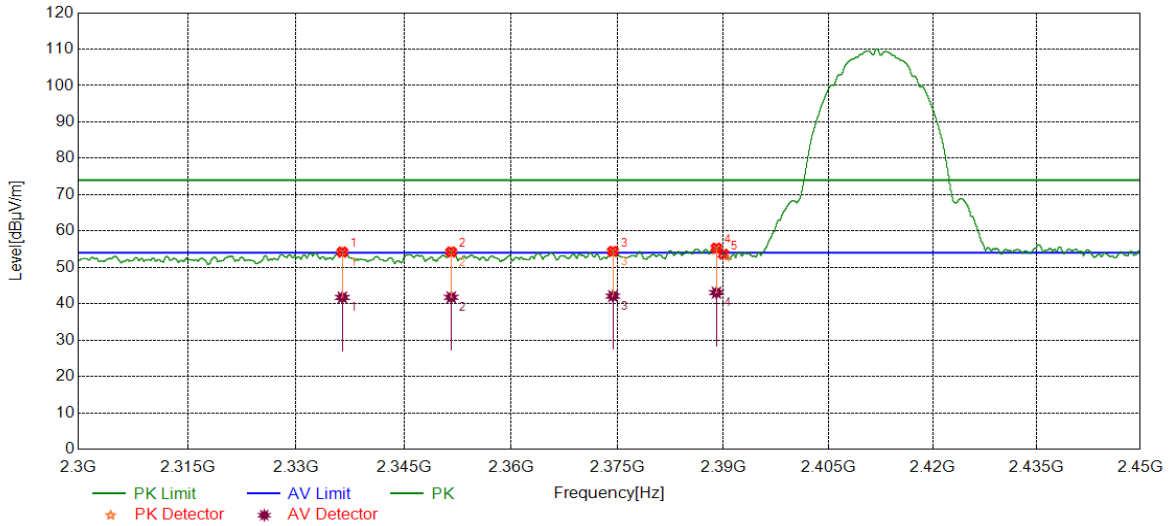
Test Result Table

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



**Test Graphs:**

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

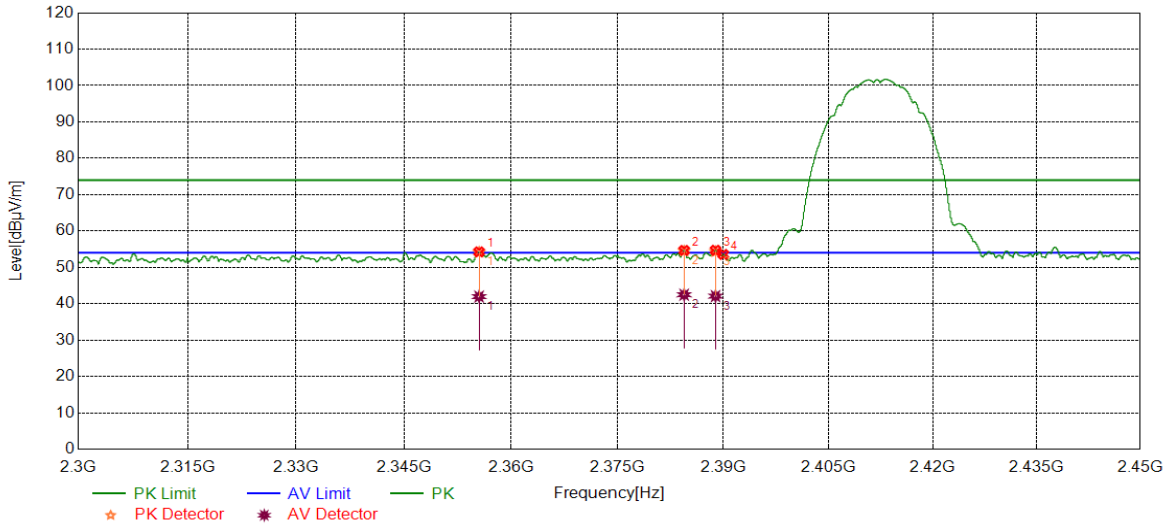


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2336.4171	40.80	13.23	54.03	74.00	-19.97	peak
		28.50	13.23	41.73	54.00	-12.27	average
2	2351.6065	40.66	13.40	54.06	74.00	-19.94	peak
		28.36	13.40	41.76	54.00	-12.24	average
3	2374.3343	40.61	13.58	54.19	74.00	-19.81	peak
		28.51	13.58	42.09	54.00	-11.91	average
4	2389.0174	41.21	13.75	54.96	74.00	-19.04	peak
		29.29	13.75	43.04	54.00	-10.96	average

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



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS

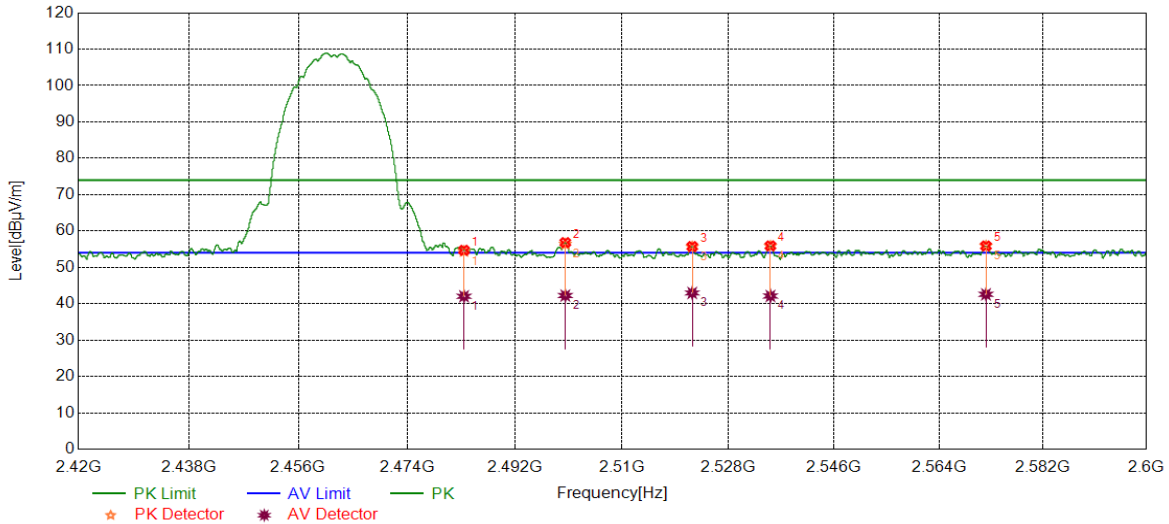


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2355.5069	40.71	13.44	54.15	74.00	-19.85	peak
		28.52	13.44	41.96	54.00	-12.04	average
2	2384.4231	40.77	13.72	54.49	74.00	-19.51	peak
		28.76	13.72	42.48	54.00	-11.52	average
3	2388.8861	40.59	13.75	54.34	74.00	-19.66	peak
		28.34	13.75	42.09	54.00	-11.91	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

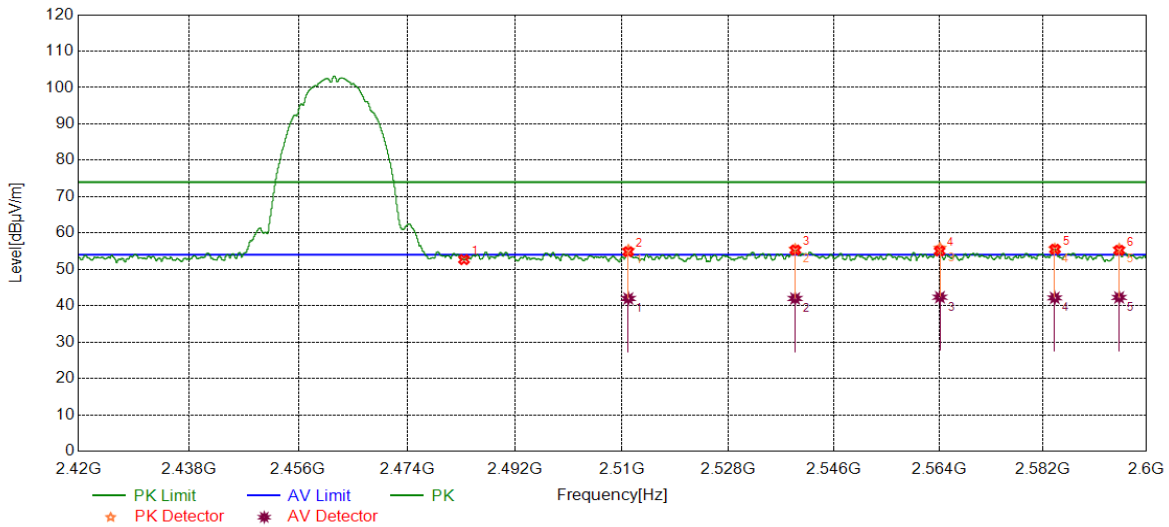


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.89	13.51	54.40	74.00	-19.60	peak
		28.53	13.51	42.04	54.00	-11.96	average
2	2500.4500	42.71	13.68	56.39	74.00	-17.61	peak
		28.57	13.68	42.25	54.00	-11.75	average
3	2521.8542	41.78	13.81	55.59	74.00	-18.41	peak
		29.15	13.81	42.96	54.00	-11.04	average
4	2535.1395	41.96	13.86	55.82	74.00	-18.18	peak
		28.27	13.86	42.13	54.00	-11.87	average
5	2572.0972	41.84	14.02	55.86	74.00	-18.14	peak
		28.56	14.02	42.58	54.00	-11.42	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

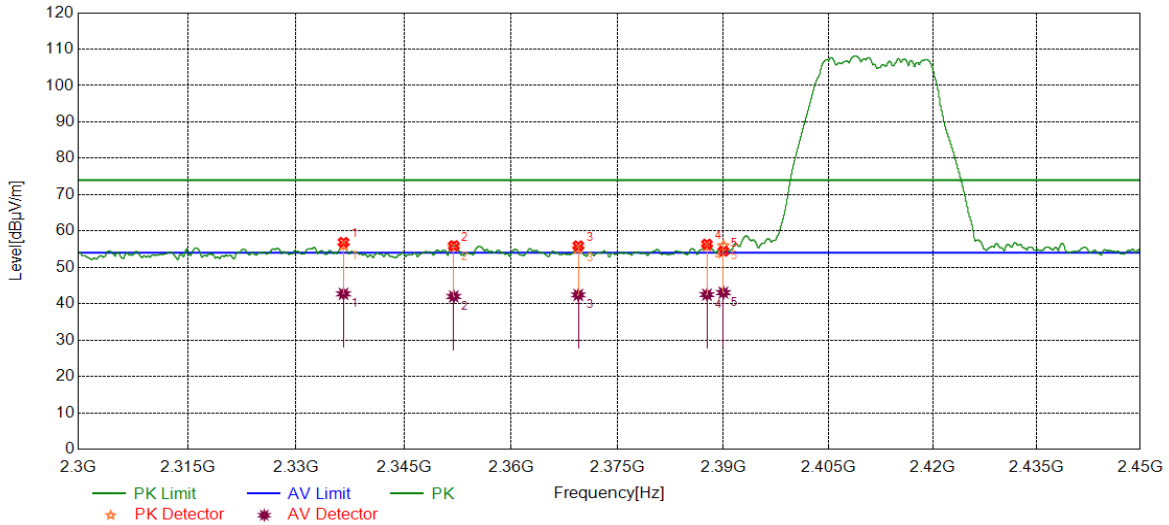


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	39.17	13.51	52.68	74.00	-21.32	peak
2	2511.0546	41.54	13.73	55.27	74.00	-18.73	peak
		28.25	13.73	41.98	54.00	-12.02	average
3	2539.3380	41.64	13.88	55.52	74.00	-18.48	peak
		28.11	13.88	41.99	54.00	-12.01	average
4	2564.1543	41.86	14.00	55.86	74.00	-18.14	peak
		28.34	14.00	42.34	54.00	-11.66	average
5	2584.0005	41.61	14.01	55.62	74.00	-18.38	peak
		28.15	14.01	42.16	54.00	-11.84	average
6	2595.2076	41.52	14.08	55.60	74.00	-18.40	peak
		28.20	14.08	42.28	54.00	-11.72	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

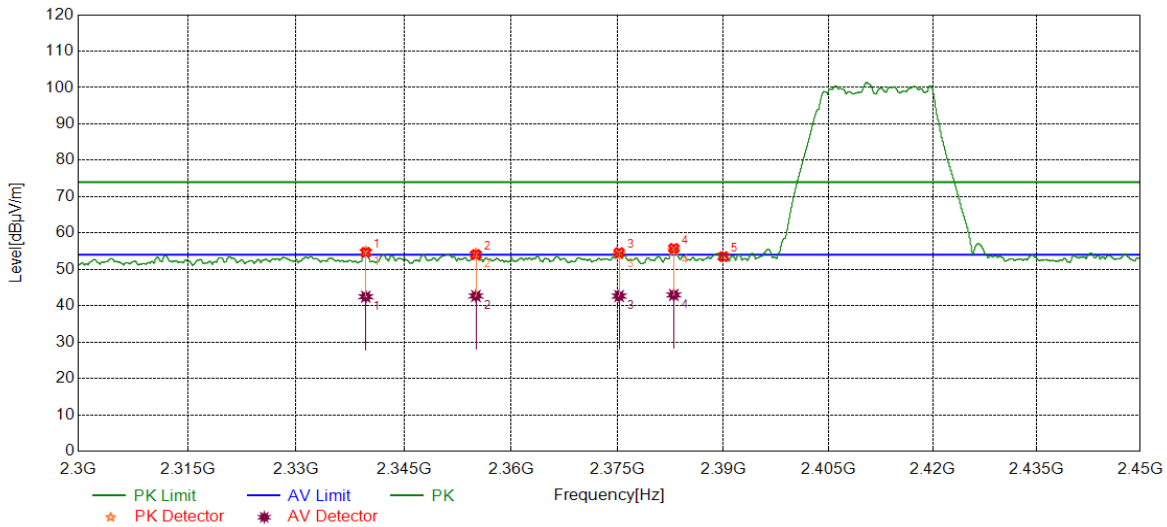


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2336.5832	42.76	13.24	56.00	74.00	-18.00	peak
		29.48	13.24	42.72	54.00	-11.28	average
2	2351.9601	42.25	13.40	55.65	74.00	-18.35	peak
		28.59	13.40	41.99	54.00	-12.01	average
3	2369.4561	41.67	13.54	55.21	74.00	-18.79	peak
		28.88	13.54	42.42	54.00	-11.58	average
4	2387.6646	42.04	13.74	55.78	74.00	-18.22	peak
		28.76	13.74	42.50	54.00	-11.50	average
5	2390.0000	42.21	13.75	55.96	74.00	-18.04	peak
		29.30	13.75	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
11G	LCH	Vertical	PASS



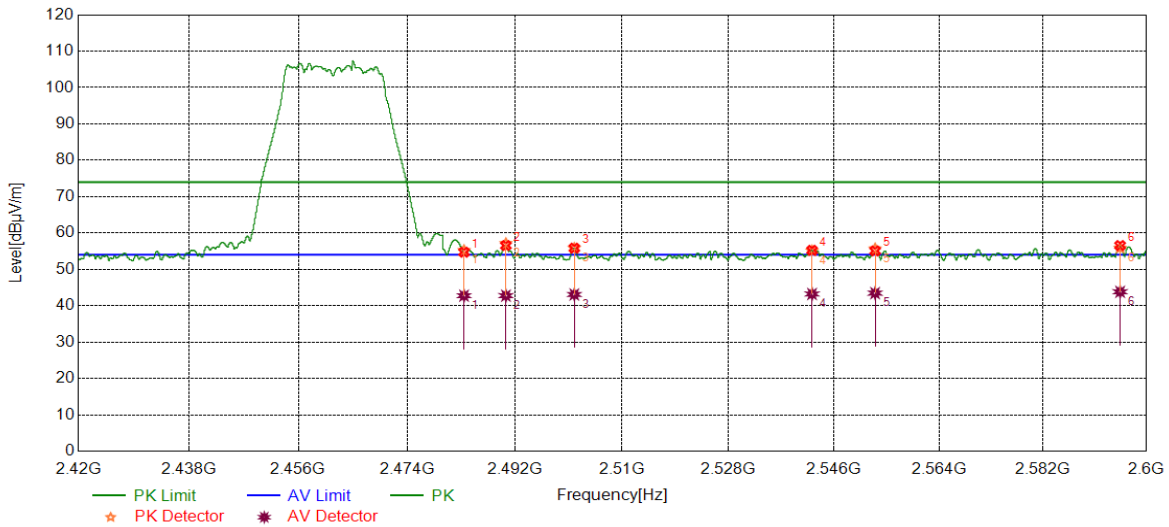
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2339.6800	41.54	13.27	54.81	74.00	-19.19	peak
		29.21	13.27	42.48	54.00	-11.52	average
2	2355.0569	40.84	13.45	54.29	74.00	-19.71	peak
		29.23	13.45	42.68	54.00	-11.32	average
3	2375.2157	40.61	13.59	54.20	74.00	-19.80	peak
		29.07	13.59	42.66	54.00	-11.34	average
4	2382.9604	41.53	13.71	55.24	74.00	-18.76	peak
		29.26	13.71	42.97	54.00	-11.03	average
5	2390.0000	39.75	13.75	53.50	74.00	-20.50	peak

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





Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS

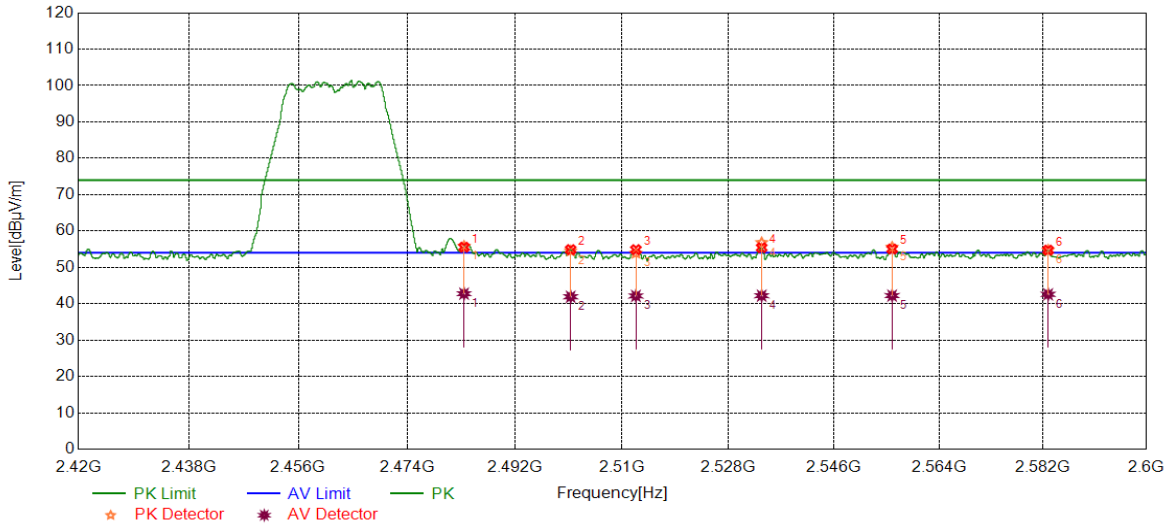


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	41.72	13.51	55.23	74.00	-18.77	peak
		29.25	13.51	42.76	54.00	-11.24	average
2	2490.4951	43.57	13.56	57.13	74.00	-16.87	peak
		29.21	13.56	42.77	54.00	-11.23	average
3	2501.9622	42.14	13.67	55.81	74.00	-18.19	peak
		29.42	13.67	43.09	54.00	-10.91	average
4	2542.2322	41.19	13.89	55.08	74.00	-18.92	peak
		29.34	13.89	43.23	54.00	-10.77	average
5	2553.0153	41.70	13.95	55.65	74.00	-18.35	peak
		29.52	13.95	43.47	54.00	-10.53	average
6	2595.3735	41.82	14.07	55.89	74.00	-18.11	peak
		29.76	14.07	43.83	54.00	-10.17	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

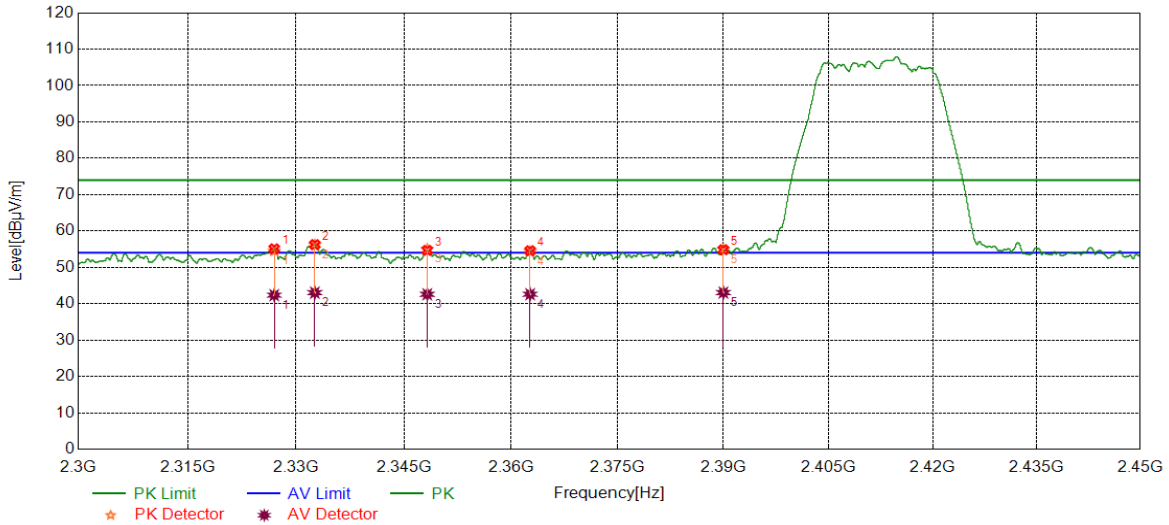


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	42.32	13.51	55.83	74.00	-18.17	peak
		29.25	13.51	42.76	54.00	-11.24	average
2	2501.3501	40.84	13.68	54.52	74.00	-19.48	peak
		28.24	13.68	41.92	54.00	-12.08	average
3	2512.3312	40.15	13.74	53.89	74.00	-20.11	peak
		28.41	13.74	42.15	54.00	-11.85	average
4	2533.6454	42.96	13.84	56.80	74.00	-17.20	peak
		28.37	13.84	42.21	54.00	-11.79	average
5	2555.9316	41.59	13.98	55.57	74.00	-18.43	peak
		28.25	13.98	42.23	54.00	-11.77	average
6	2582.8623	40.72	14.00	54.72	74.00	-19.28	peak
		28.58	14.00	42.58	54.00	-11.42	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

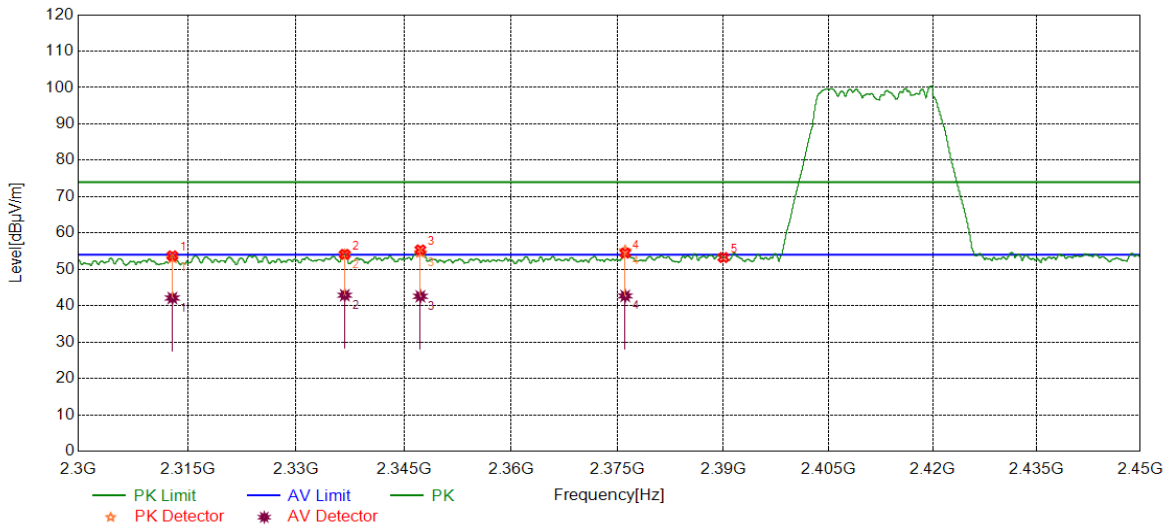


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2326.9659	41.43	13.11	54.54	74.00	-19.46	peak
		29.25	13.11	42.36	54.00	-11.64	average
2	2332.5916	42.99	13.19	56.18	74.00	-17.82	peak
		29.85	13.19	43.04	54.00	-10.96	average
3	2348.2498	42.61	13.37	55.98	74.00	-18.02	peak
		29.23	13.37	42.60	54.00	-11.40	average
4	2362.6703	40.90	13.47	54.37	74.00	-19.63	peak
		29.14	13.47	42.61	54.00	-11.39	average
5	2390.0000	41.16	13.75	54.91	74.00	-19.09	peak
		29.31	13.75	43.06	54.00	-10.94	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

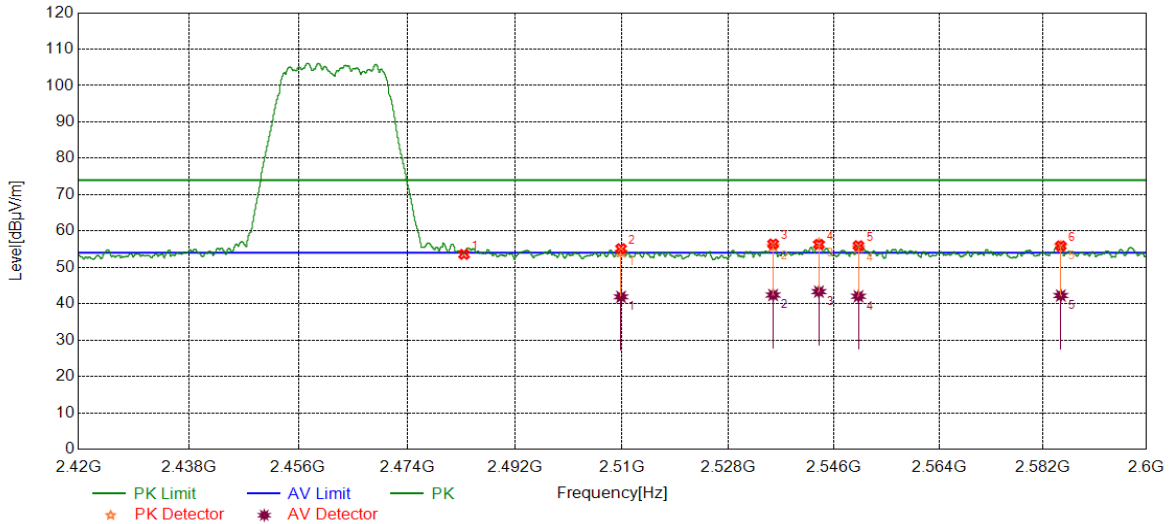


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2312.9016	40.18	12.96	53.14	74.00	-20.86	peak
		29.16	12.96	42.12	54.00	-11.88	average
2	2336.7546	40.78	13.24	54.02	74.00	-19.98	peak
		29.65	13.24	42.89	54.00	-11.11	average
3	2347.2934	41.28	13.36	54.64	74.00	-19.36	peak
		29.24	13.36	42.60	54.00	-11.40	average
4	2376.0783	41.50	13.61	55.11	74.00	-18.89	peak
		29.08	13.61	42.69	54.00	-11.31	average
5	2390.0000	39.51	13.75	53.26	74.00	-20.74	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
11N HT20	HCH	Horizontal	PASS

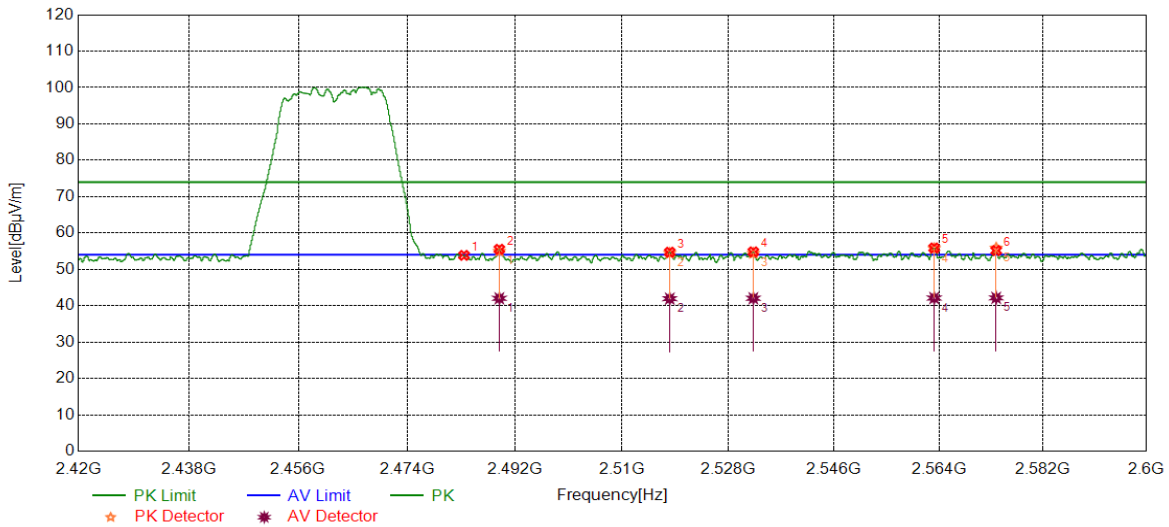


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.06	13.51	53.57	74.00	-20.43	peak
2	2509.8290	40.44	13.72	54.16	74.00	-19.84	peak
		28.17	13.72	41.89	54.00	-12.11	average
3	2535.5896	43.95	13.86	57.81	74.00	-16.19	peak
		28.54	13.86	42.40	54.00	-11.60	average
4	2543.4023	43.64	13.91	57.55	74.00	-16.45	peak
		29.42	13.91	43.33	54.00	-10.67	average
5	2550.1710	41.52	13.94	55.46	74.00	-18.54	peak
		28.11	13.94	42.05	54.00	-11.95	average
6	2585.0585	41.74	14.02	55.76	74.00	-18.24	peak
		28.23	14.02	42.25	54.00	-11.75	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

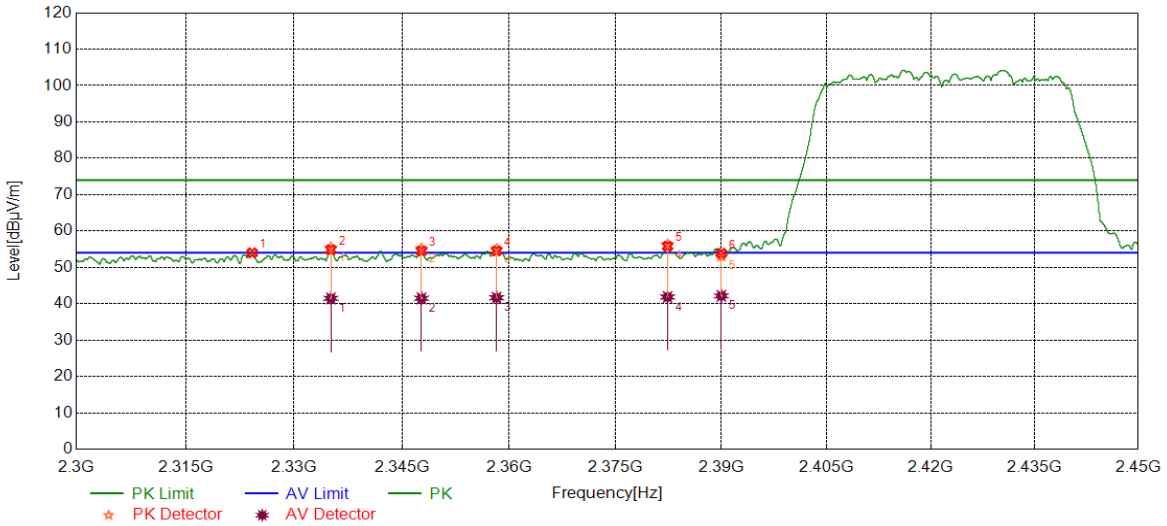


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.34	13.51	53.85	74.00	-20.15	peak
		28.48	13.55	42.03	54.00	-11.97	average
2	2489.3969	41.43	13.55	54.98	74.00	-19.02	peak
		28.48	13.55	42.03	54.00	-11.97	average
3	2518.0558	40.67	13.77	54.44	74.00	-19.56	peak
		28.18	13.77	41.95	54.00	-12.05	average
4	2532.2232	40.57	13.84	54.41	74.00	-19.59	peak
		28.21	13.84	42.05	54.00	-11.95	average
5	2563.1683	42.23	13.99	56.22	74.00	-17.78	peak
		28.12	13.99	42.11	54.00	-11.89	average
6	2573.8614	41.85	14.01	55.86	74.00	-18.14	peak
		28.15	14.01	42.16	54.00	-11.84	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
11N HT40	LCH	Horizontal	PASS

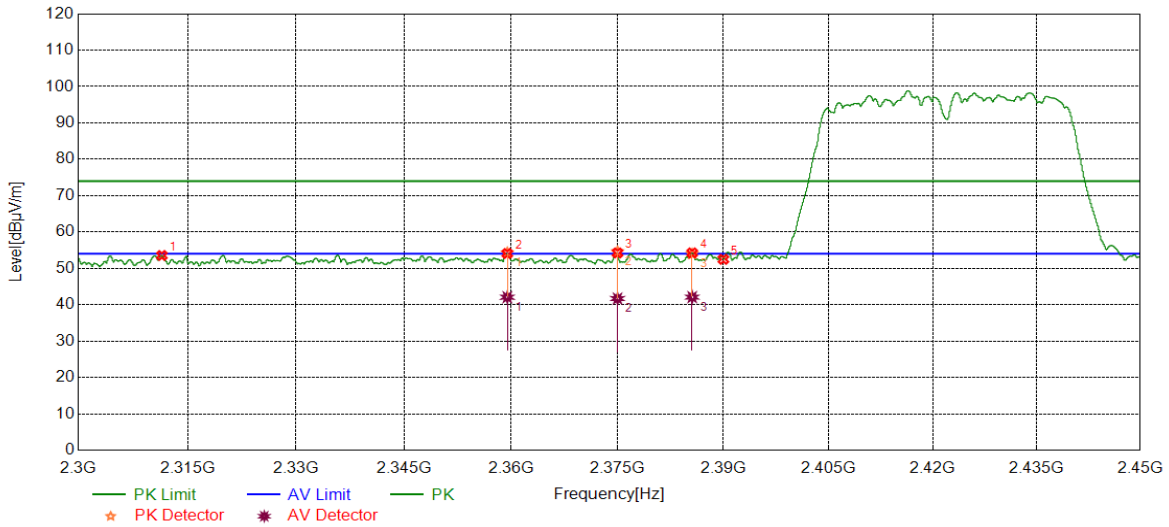


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2324.1905	40.92	13.06	53.98	74.00	-20.02	peak
		28.26	13.22	41.48	54.00	-12.52	average
2	2335.1044	42.21	13.22	55.43	74.00	-18.57	peak
		28.26	13.22	41.48	54.00	-12.52	average
3	2347.7247	41.79	13.36	55.15	74.00	-18.85	peak
		28.14	13.36	41.50	54.00	-12.50	average
4	2358.2448	41.54	13.44	54.98	74.00	-19.02	peak
		28.21	13.44	41.65	54.00	-12.35	average
5	2382.3603	42.53	13.70	56.23	74.00	-17.77	peak
		28.15	13.70	41.85	54.00	-12.15	average
6	2390.0000	39.32	13.75	53.07	74.00	-20.93	peak
		28.41	13.75	42.16	54.00	-11.84	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
11N HT40	LCH	Vertical	PASS



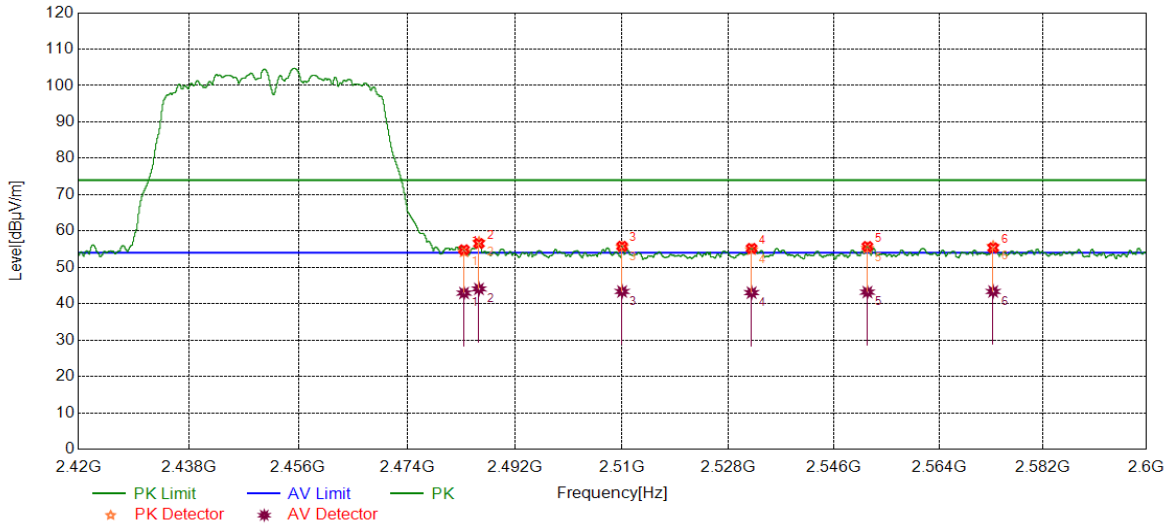
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2311.4577	40.59	12.96	53.55	74.00	-20.45	peak
2	2359.4637	40.82	13.46	54.28	74.00	-19.72	peak
		28.61	13.46	42.07	54.00	-11.93	average
3	2374.9906	41.03	13.58	54.61	74.00	-19.39	peak
		28.12	13.58	41.70	54.00	-12.30	average
4	2385.5669	40.25	13.74	53.99	74.00	-20.01	peak
		28.35	13.74	42.09	54.00	-11.91	average
5	2390.0000	38.73	13.75	52.48	74.00	-21.52	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
11N HT40	HCH	Horizontal	PASS

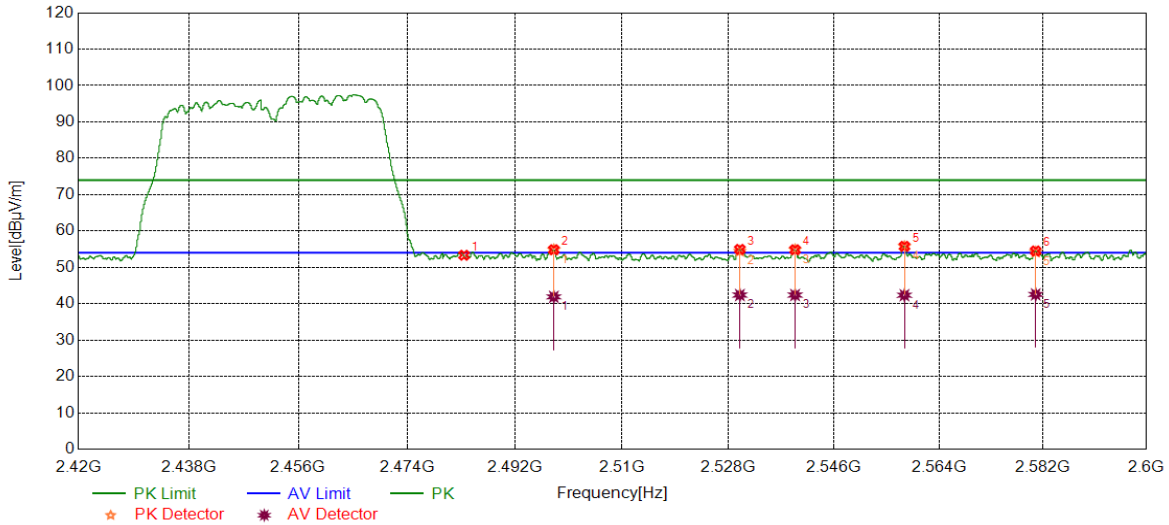


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.77	13.51	54.28	74.00	-19.72	peak
		29.43	13.51	42.94	54.00	-11.06	average
2	2485.9946	43.41	13.53	56.94	74.00	-17.06	peak
		30.55	13.53	44.08	54.00	-9.92	average
3	2510.0090	41.87	13.72	55.59	74.00	-18.41	peak
		29.65	13.72	43.37	54.00	-10.63	average
4	2531.9352	41.03	13.83	54.86	74.00	-19.14	peak
		29.21	13.83	43.04	54.00	-10.96	average
5	2551.7012	41.31	13.95	55.26	74.00	-18.74	peak
		29.25	13.95	43.20	54.00	-10.80	average
6	2573.3393	41.78	14.02	55.80	74.00	-18.20	peak
		29.35	14.02	43.37	54.00	-10.63	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	39.82	13.51	53.33	74.00	-20.67	peak
2	2498.5239	41.15	13.66	54.81	74.00	-19.19	peak
		28.23	13.66	41.89	54.00	-12.11	average
3	2529.9370	40.61	13.85	54.46	74.00	-19.54	peak
		28.54	13.85	42.39	54.00	-11.61	average
4	2539.3339	40.95	13.88	54.83	74.00	-19.17	peak
		28.51	13.88	42.39	54.00	-11.61	average
5	2558.0558	41.73	14.01	55.74	74.00	-18.26	peak
		28.34	14.01	42.35	54.00	-11.65	average
6	2580.7021	40.21	14.01	54.22	74.00	-19.78	peak
		28.55	14.01	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



### 7.6.4. SPURIOUS EMISSIONS

Test Result Table:

1) For 1GHz~18GHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

2) For 9KHz~30MHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	HCH	<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.

3) For 30MHz~1GHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	HCH	<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 18GHz~26.5GHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	HCH	<Limit	PASS

Remark:

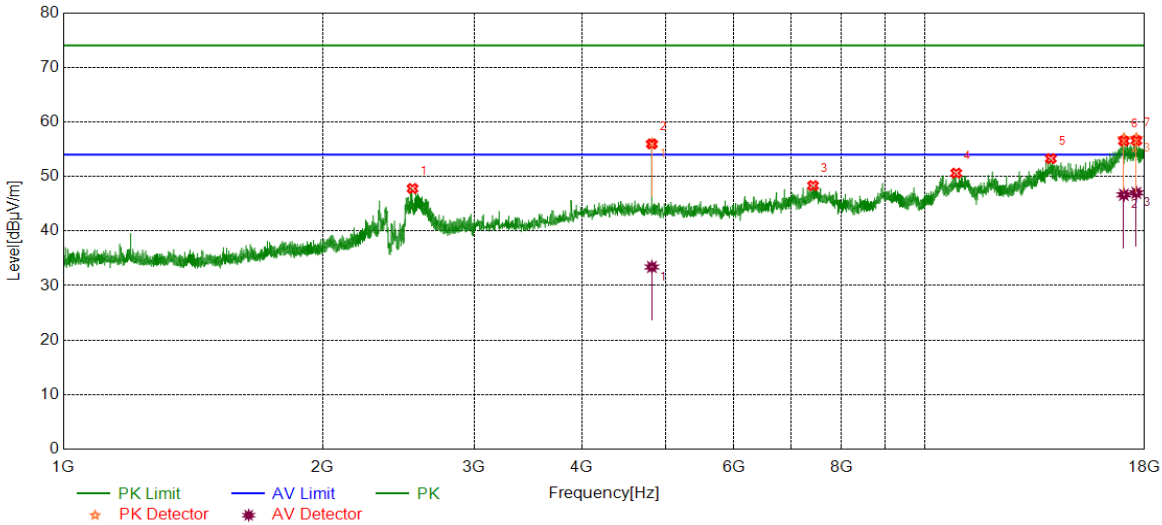
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.



**Part I: 1GHz~18GHz**

**HARMONICS AND SPURIOUS EMISSIONS**

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

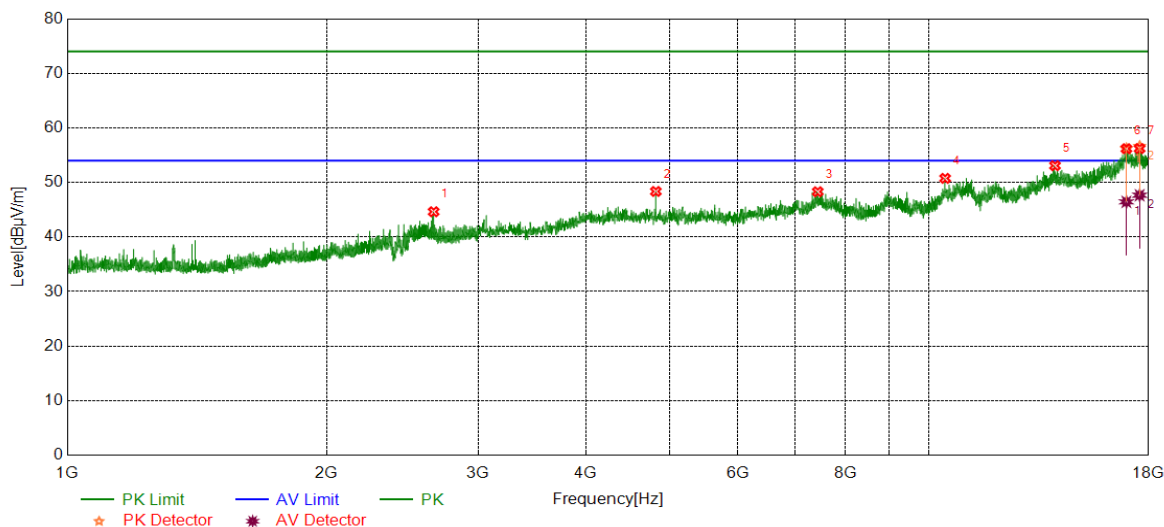


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2543.9430	48.87	-1.08	47.79	74.00	-26.21	peak
2	4822.7300	51.10	4.90	56.00	74.00	-18.00	peak
		28.50	4.90	33.40	54.00	-20.60	average
3	7419.9275	39.26	9.05	48.31	74.00	-25.69	peak
4	10879.7350	38.35	12.26	50.61	74.00	-23.39	peak
5	17026.7533	37.51	19.42	56.93	74.00	-17.07	peak
		27.22	19.42	46.64	54.00	-7.36	average
6	17606.2008	38.28	18.72	57.00	74.00	-17.00	peak
		28.27	18.72	46.99	54.00	-7.01	average

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

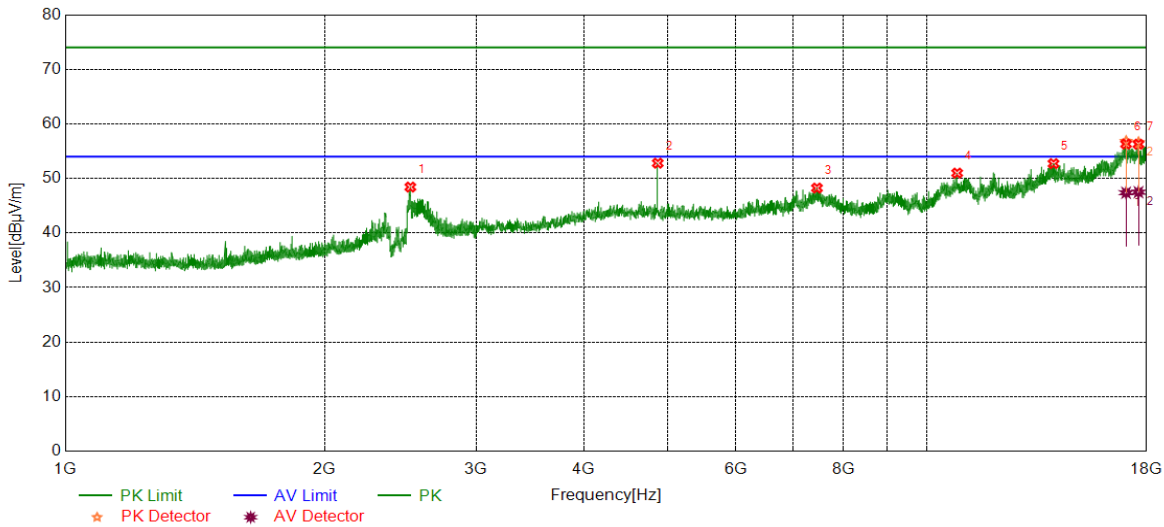


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2662.9579	45.39	-0.76	44.63	74.00	-29.37	peak
2	4822.7278	43.45	4.90	48.35	74.00	-25.65	peak
3	7433.0541	39.18	9.12	48.30	74.00	-25.70	peak
4	10448.4311	39.15	11.60	50.75	74.00	-23.25	peak
5	14015.1269	37.83	15.24	53.07	74.00	-20.93	peak
		36.42	19.77	56.19	74.00	-17.81	peak
6	16961.1201	26.67	19.77	46.44	54.00	-7.56	average
		37.51	19.11	56.62	74.00	-17.38	peak
7	17572.4466	28.55	19.11	47.66	54.00	-6.34	average

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

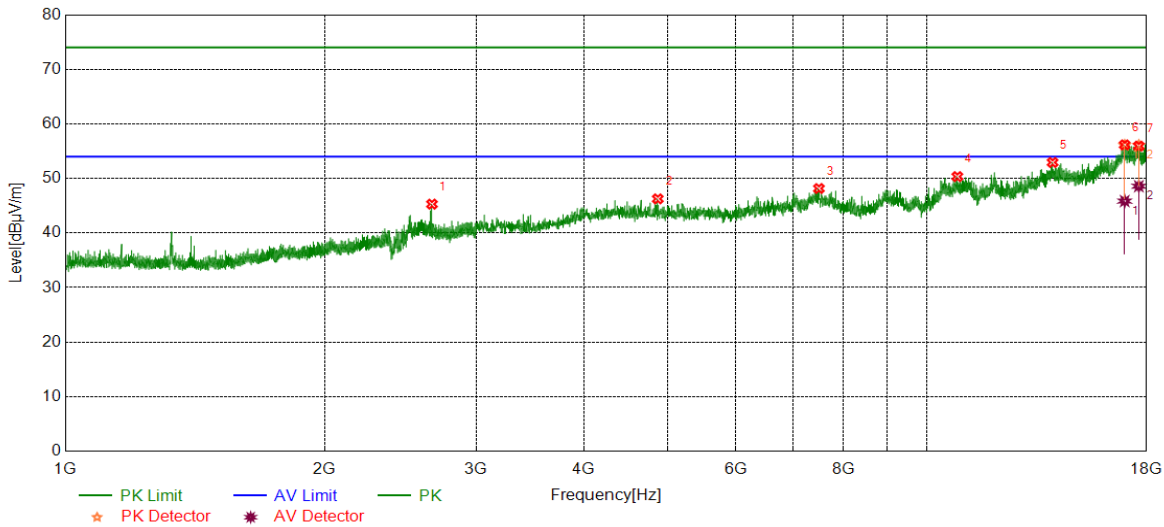


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2515.6895	49.08	-0.66	48.42	74.00	-25.58	peak
2	4873.3592	47.94	4.86	52.80	74.00	-21.20	peak
3	7457.4322	38.96	9.28	48.24	74.00	-25.76	peak
4	10847.8560	38.86	12.13	50.99	74.00	-23.01	peak
5	14033.8792	37.22	15.50	52.72	74.00	-21.28	peak
		37.31	19.50	56.81	74.00	-17.19	peak
6	17038.0048	27.88	19.50	47.38	54.00	-6.62	average
		37.87	18.71	56.58	74.00	-17.42	peak
7	17613.7017	28.78	18.71	47.49	54.00	-6.51	average

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

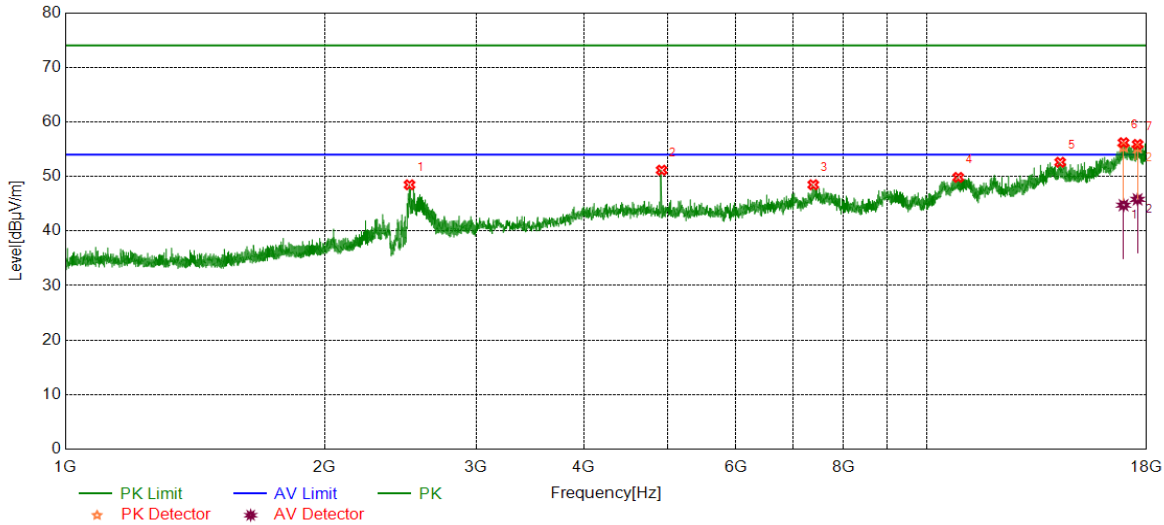


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2664.9581	46.05	-0.76	45.29	74.00	-28.71	peak
2	4873.3592	41.40	4.86	46.26	74.00	-27.74	peak
3	7496.8121	39.03	9.13	48.16	74.00	-25.84	peak
4	10853.4817	38.20	12.14	50.34	74.00	-23.66	peak
5	14000.1250	37.82	15.11	52.93	74.00	-21.07	peak
		36.35	19.73	56.08	74.00	-17.92	peak
6	16974.2468	37.23	18.85	56.08	74.00	-17.92	average
		38.11	18.85	56.96	74.00	-17.04	peak
7	17628.7036	29.73	18.85	48.58	54.00	-5.42	average

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



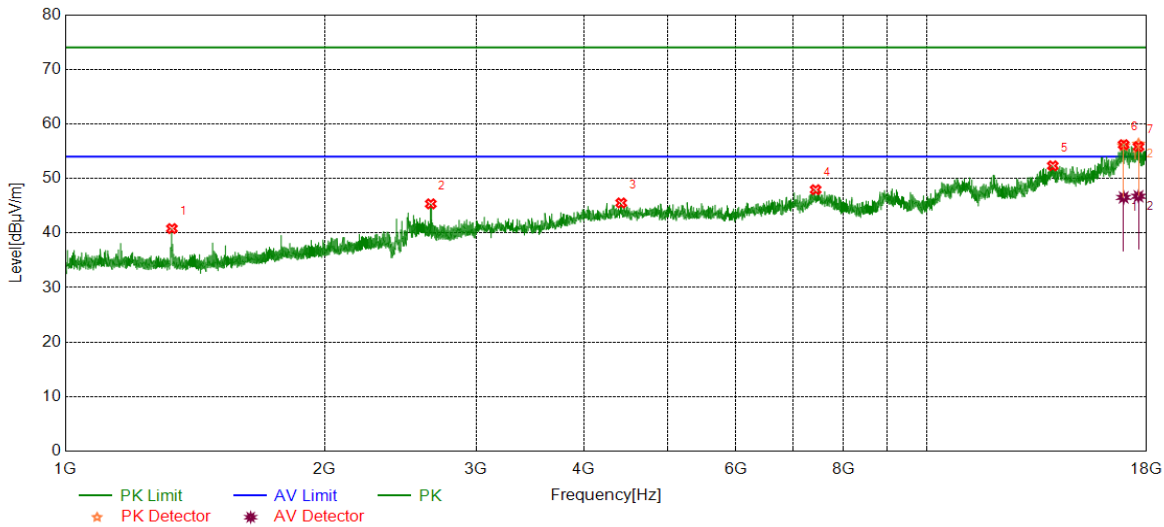
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2509.9387	49.00	-0.53	48.47	74.00	-25.53	peak
2	4923.9905	46.07	5.08	51.15	74.00	-22.85	peak
3	7384.2980	39.71	8.77	48.48	74.00	-25.52	peak
4	10881.6102	37.56	12.27	49.83	74.00	-24.17	peak
5	14287.0359	37.34	15.26	52.60	74.00	-21.40	peak
		36.65	18.70	55.35	74.00	-18.65	peak
6	16921.7402	26.04	18.70	44.74	54.00	-9.26	average
		36.10	19.15	55.25	74.00	-18.75	peak
7	17570.5713	26.65	19.15	45.80	54.00	-8.20	average

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

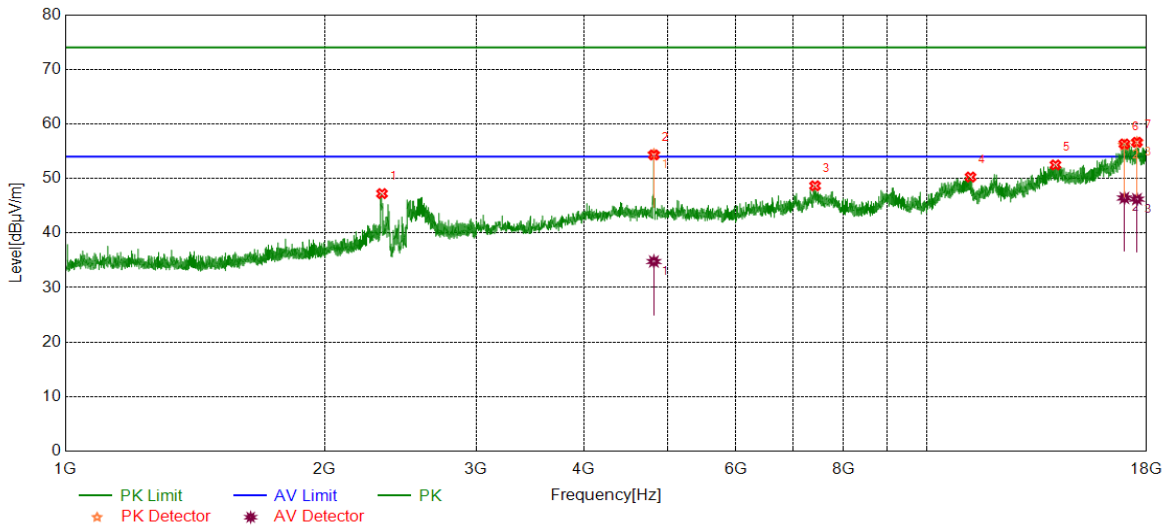


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1330.0413	46.43	-5.62	40.81	74.00	-33.19	peak
2	2656.9571	46.12	-0.78	45.34	74.00	-28.66	peak
3	4419.5524	40.55	4.96	45.51	74.00	-28.49	peak
4	7431.1789	38.83	9.11	47.94	74.00	-26.06	peak
5	14007.6260	37.12	15.20	52.32	74.00	-21.68	peak
		37.11	18.87	55.98	74.00	-18.02	peak
6	16927.3659	27.65	18.87	46.52	54.00	-7.48	average
		37.59	18.71	56.30	74.00	-17.70	peak
7	17613.7017	28.02	18.71	46.73	54.00	-7.27	average

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

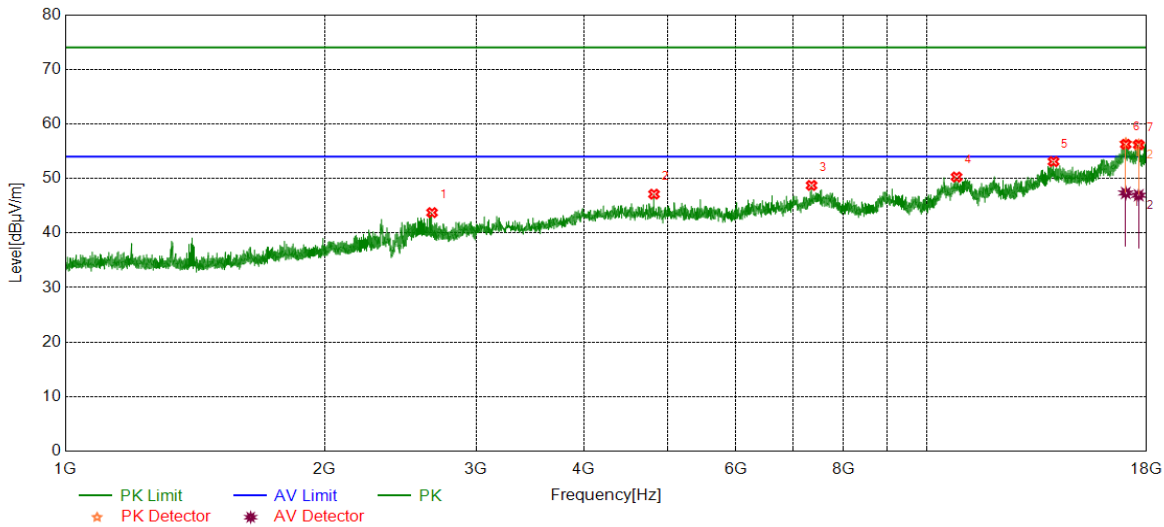


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2332.1665	49.04	-1.82	47.22	74.00	-26.78	peak
2	4822.7556	49.51	4.90	54.41	74.00	-19.59	peak
		29.87	4.90	34.77	54.00	-19.23	average
3	7419.9275	39.60	9.05	48.65	74.00	-25.35	peak
4	11243.5304	38.19	12.07	50.26	74.00	-23.74	peak
5	14108.8886	36.99	15.49	52.48	74.00	-21.52	peak
6	16961.1201	36.32	19.77	56.09	74.00	-17.91	peak
		26.65	19.77	46.42	54.00	-7.58	average
7	17542.4428	38.33	18.29	56.62	74.00	-17.38	peak
		27.92	18.29	46.21	54.00	-7.79	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. 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. 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.  
 6. 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

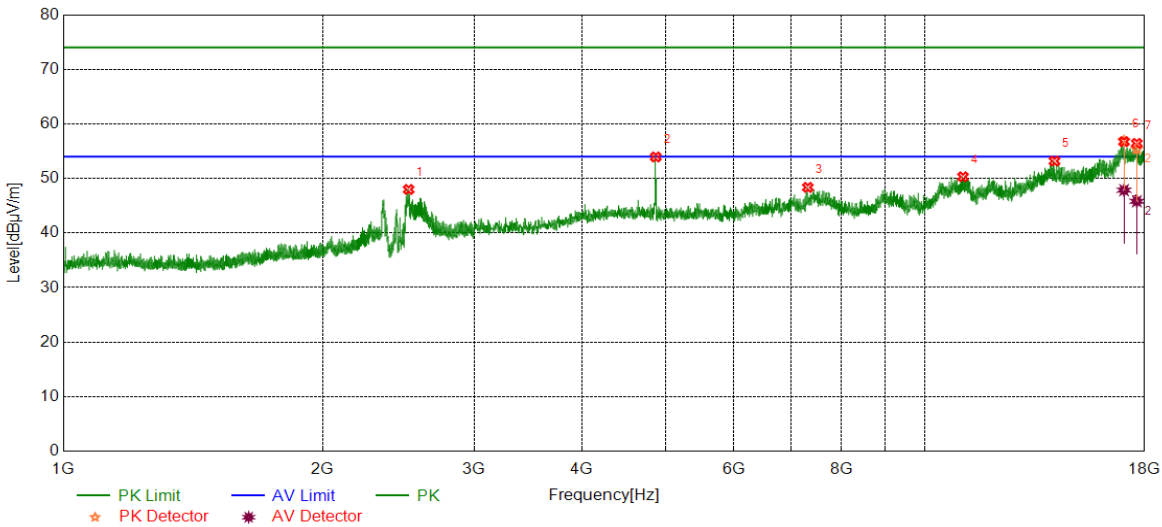


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2665.7082	44.49	-0.76	43.73	74.00	-30.27	peak
2	4824.6031	42.18	4.94	47.12	74.00	-26.88	peak
3	7350.5438	40.06	8.66	48.72	74.00	-25.28	peak
4	10830.9789	38.20	12.06	50.26	74.00	-23.74	peak
5	14033.8792	37.59	15.50	53.09	74.00	-20.91	peak
		37.06	19.38	56.44	74.00	-17.56	peak
6	17024.8781	27.95	19.38	47.33	54.00	-6.67	average
		37.41	18.76	56.17	74.00	-17.83	peak
7	17623.0779	28.16	18.76	46.92	54.00	-7.08	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. 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. 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.  
 6. 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

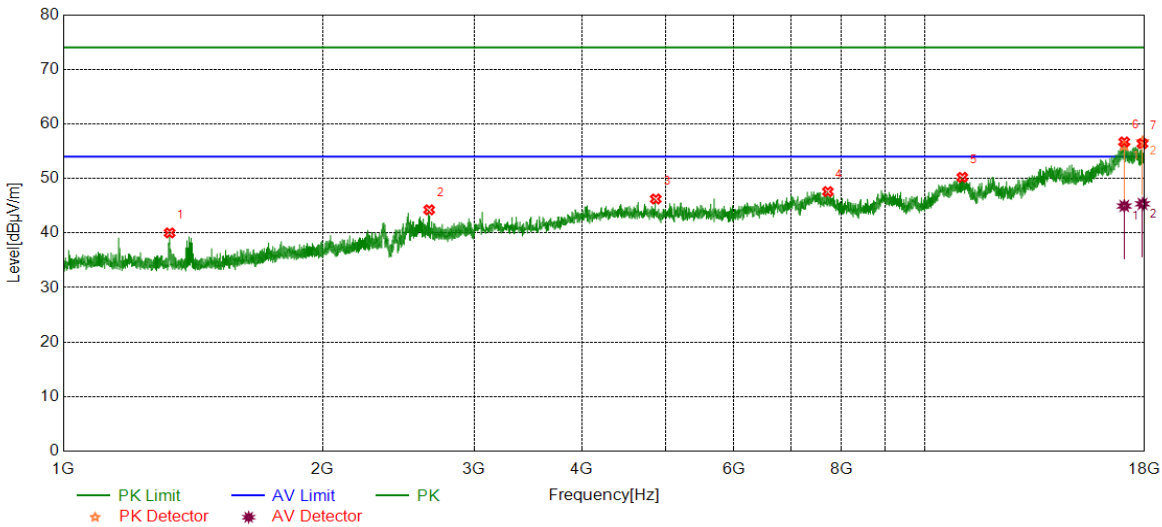


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2517.4397	48.68	-0.70	47.98	74.00	-26.02	peak
2	4873.3592	49.08	4.86	53.94	74.00	-20.06	peak
3	7316.7896	39.77	8.59	48.36	74.00	-25.64	peak
4	11076.6346	37.58	12.73	50.31	74.00	-23.69	peak
5	14146.3933	37.93	15.26	53.19	74.00	-20.81	peak
		37.39	19.50	56.89	74.00	-17.11	peak
6	17036.1295	28.35	19.50	47.85	54.00	-6.15	average
		36.53	18.85	55.38	74.00	-18.62	peak
7	17628.7036	26.97	18.85	45.82	54.00	-8.18	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. 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. 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.  
 6. 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

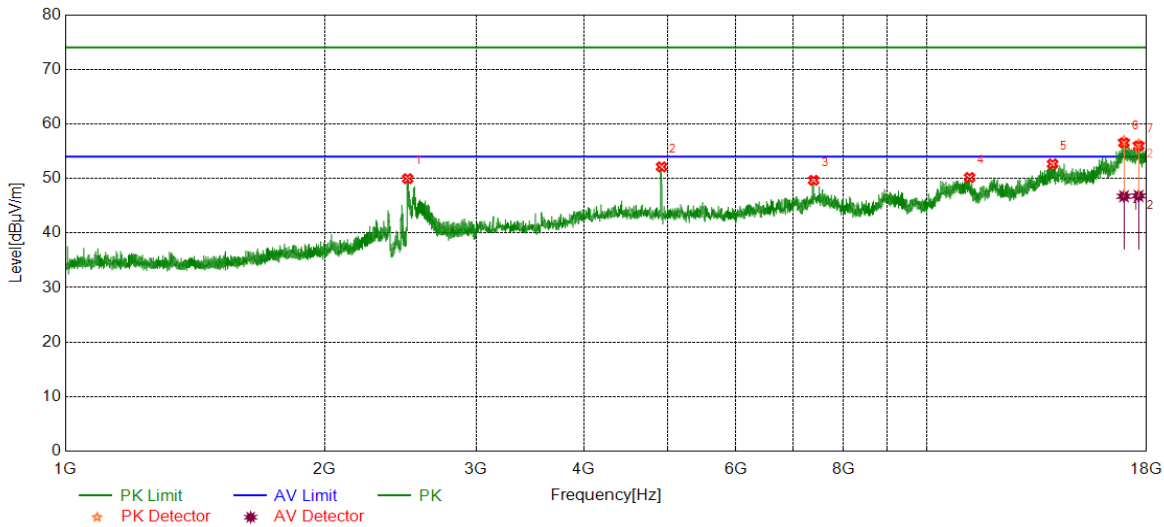


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1329.0411	45.64	-5.62	40.02	74.00	-33.98	peak
2	2659.7075	45.01	-0.76	44.25	74.00	-29.75	peak
3	4873.3592	41.37	4.86	46.23	74.00	-27.77	peak
4	7719.9650	39.10	8.49	47.59	74.00	-26.41	peak
5	11057.8822	37.53	12.68	50.21	74.00	-23.79	peak
		36.45	19.54	55.99	74.00	-18.01	peak
6	17045.5057	25.41	19.54	44.95	54.00	-9.05	average
		38.49	18.28	56.77	74.00	-17.23	peak
7	17898.7373	27.06	18.28	45.34	54.00	-8.66	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. 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. 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.  
 6. 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

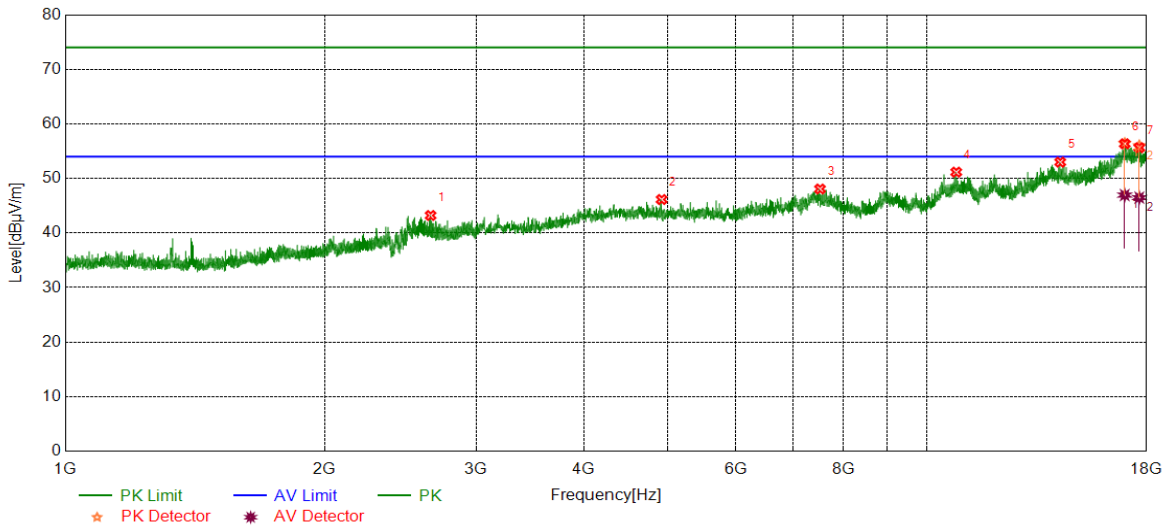


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2497.4372	50.59	-0.63	49.96	74.00	-24.04	peak
2	4923.9905	47.05	5.08	52.13	74.00	-21.87	peak
3	7391.7990	40.86	8.80	49.66	74.00	-24.34	peak
4	11215.4019	37.88	12.29	50.17	74.00	-23.83	peak
5	14000.1250	37.56	15.11	52.67	74.00	-21.33	peak
		37.49	19.36	56.85	74.00	-17.15	peak
6	16942.3678	27.37	19.36	46.73	54.00	-7.27	average
		37.51	18.71	56.22	74.00	-17.78	peak
7	17619.3274	28.09	18.71	46.80	54.00	-7.20	average

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

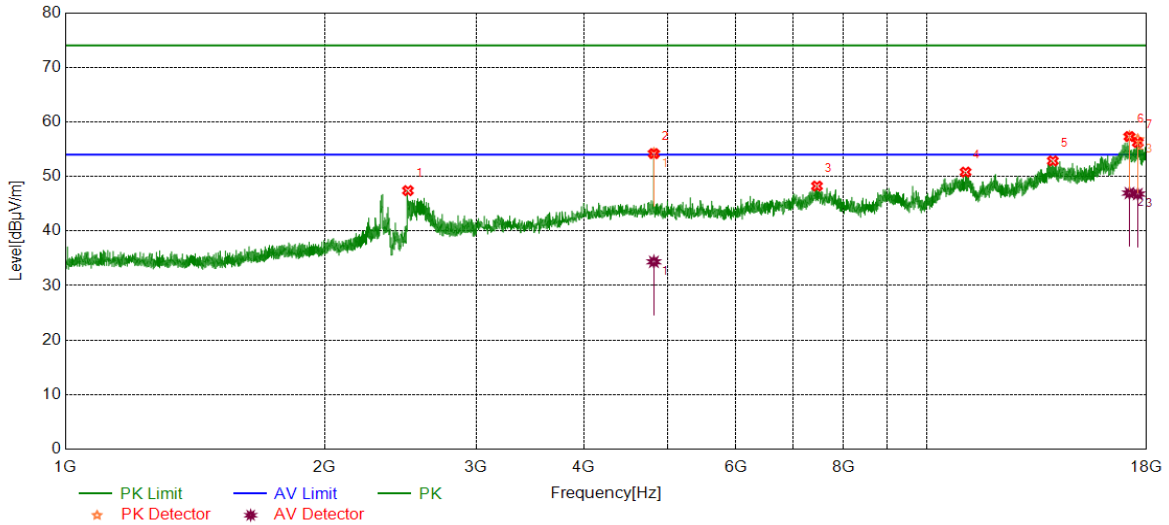


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2655.4569	43.99	-0.78	43.21	74.00	-30.79	peak
2	4923.9905	41.06	5.08	46.14	74.00	-27.86	peak
3	7519.3149	38.93	9.14	48.07	74.00	-25.93	peak
4	10821.6027	39.14	12.02	51.16	74.00	-22.84	peak
5	14288.9111	37.70	15.29	52.99	74.00	-21.01	peak
		36.76	19.65	56.41	74.00	-17.59	peak
6	16976.1220	27.30	19.65	46.95	54.00	-7.05	average
		37.29	18.73	56.02	74.00	-17.98	peak
7	17651.2064	27.76	18.73	46.49	54.00	-7.51	average

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



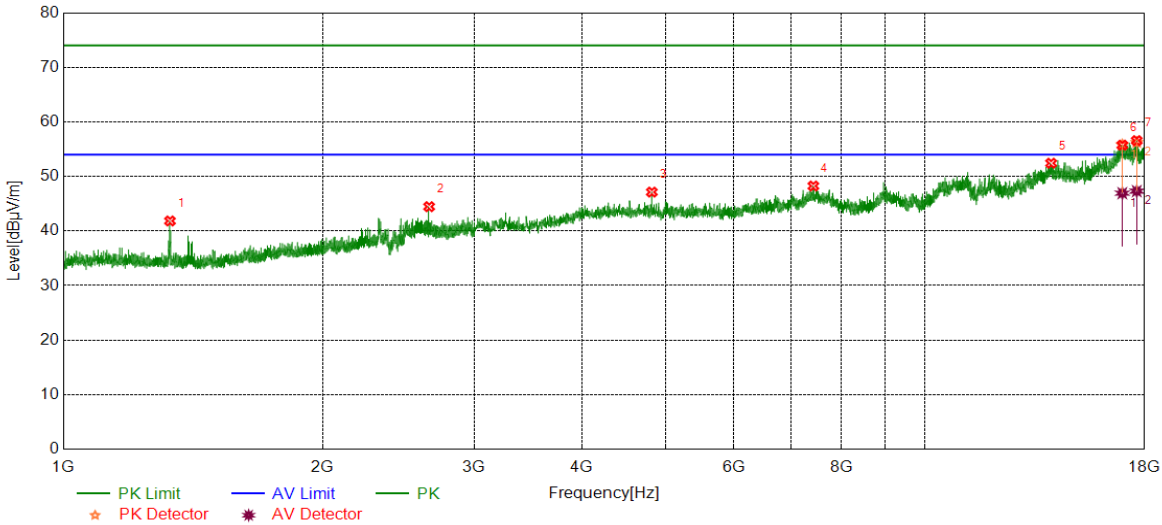
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2499.4374	48.01	-0.61	47.40	74.00	-26.60	peak
2	4822.7112	49.34	4.90	54.24	74.00	-19.76	peak
		29.45	4.90	34.35	54.00	-19.65	average
3	7459.3074	38.90	9.34	48.24	74.00	-25.76	peak
4	11095.3869	38.01	12.79	50.80	74.00	-23.20	peak
5	14009.5012	37.62	15.23	52.85	74.00	-21.15	peak
6	17191.7740	38.56	18.77	57.33	74.00	-16.67	peak
		28.18	18.77	46.95	54.00	-7.05	average
7	17579.9475	37.80	18.94	56.74	74.00	-17.26	peak
		27.83	18.94	46.77	54.00	-7.23	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. 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. 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.  
 6. 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

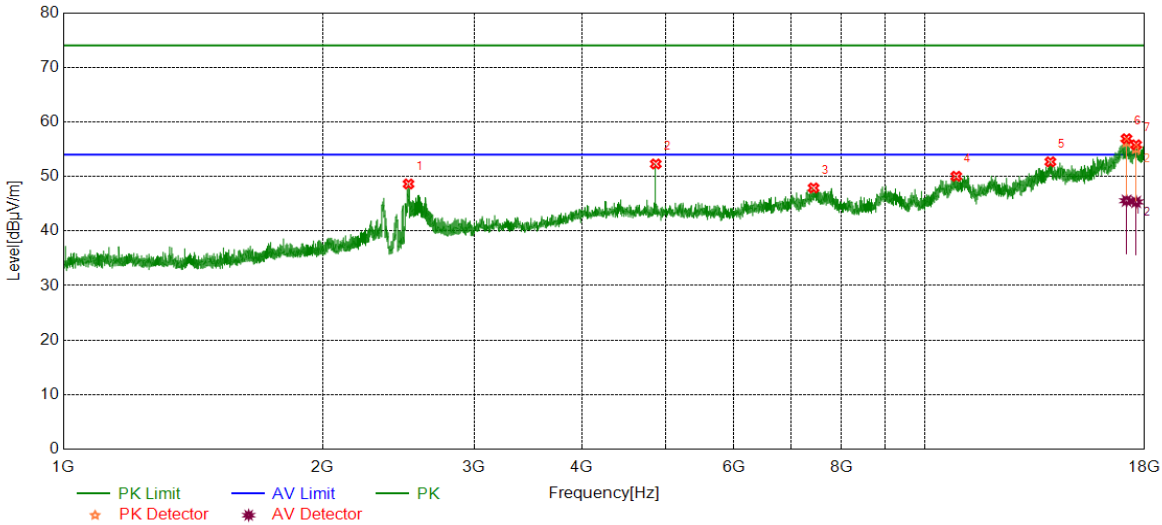


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1330.2913	47.46	-5.62	41.84	74.00	-32.16	peak
2	2659.2074	45.22	-0.76	44.46	74.00	-29.54	peak
3	4822.7278	42.23	4.90	47.13	74.00	-26.87	peak
4	7425.5532	39.17	9.08	48.25	74.00	-25.75	peak
5	14018.8774	37.19	15.24	52.43	74.00	-21.57	peak
		36.18	19.62	55.80	74.00	-18.20	peak
6	16957.3697	27.31	19.62	46.93	54.00	-7.07	average
		37.45	18.79	56.24	74.00	-17.76	peak
7	17624.9531	28.52	18.79	47.31	54.00	-6.69	average

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

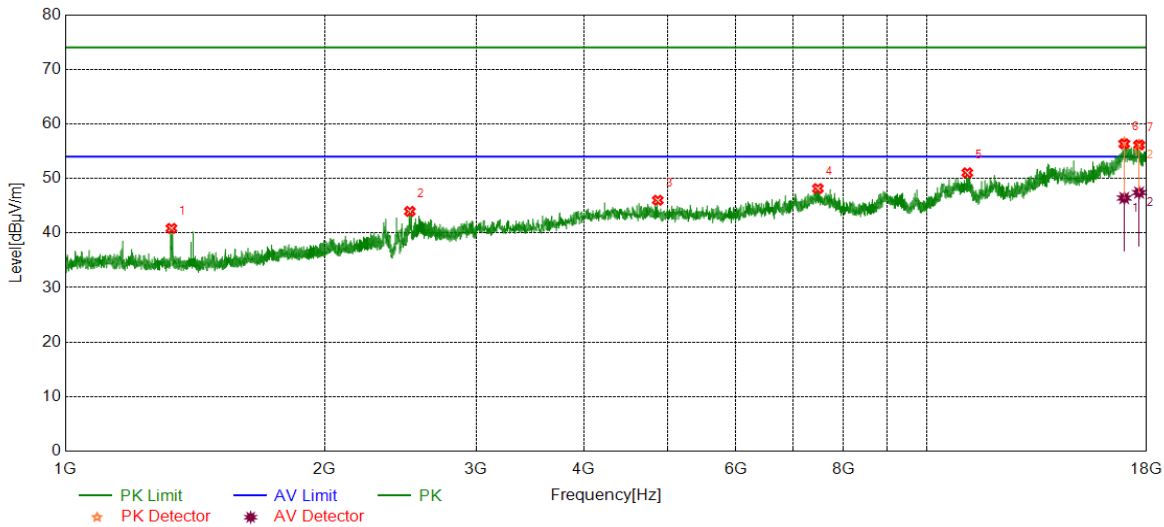


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2516.6896	49.30	-0.68	48.62	74.00	-25.38	peak
2	4873.3592	47.43	4.86	52.29	74.00	-21.71	peak
3	7429.3037	38.79	9.10	47.89	74.00	-26.11	peak
4	10881.6102	37.76	12.27	50.03	74.00	-23.97	peak
5	13992.6241	37.56	15.12	52.68	74.00	-21.32	peak
		37.19	19.09	56.28	74.00	-17.72	peak
6	17150.5188	26.46	19.09	45.55	54.00	-8.45	average
		36.33	18.75	55.08	74.00	-18.92	peak
7	17594.9494	26.58	18.75	45.33	54.00	-8.67	average

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

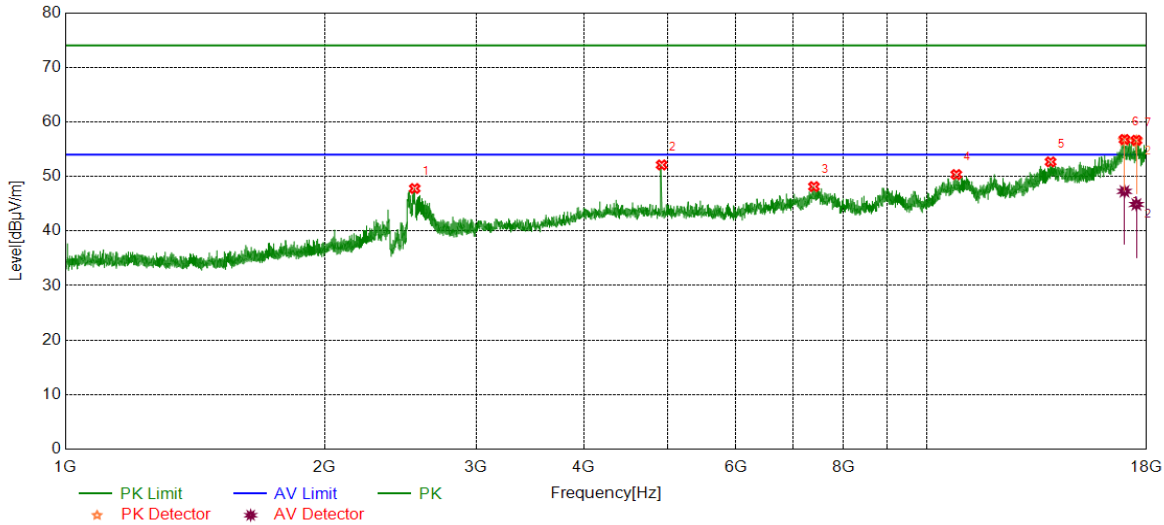


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1328.2910	46.47	-5.62	40.85	74.00	-33.15	peak
2	2512.1890	44.54	-0.58	43.96	74.00	-30.04	peak
3	4873.3592	41.14	4.86	46.00	74.00	-28.00	peak
4	7476.1845	39.07	9.08	48.15	74.00	-25.85	peak
5	11146.0183	38.58	12.46	51.04	74.00	-22.96	peak
		37.01	19.52	56.53	74.00	-17.47	peak
6	16955.4944	26.89	19.52	46.41	54.00	-7.59	average
		37.48	18.66	56.14	74.00	-17.86	peak
7	17643.7055	28.75	18.66	47.41	54.00	-6.59	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. 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. 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.  
 6. 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

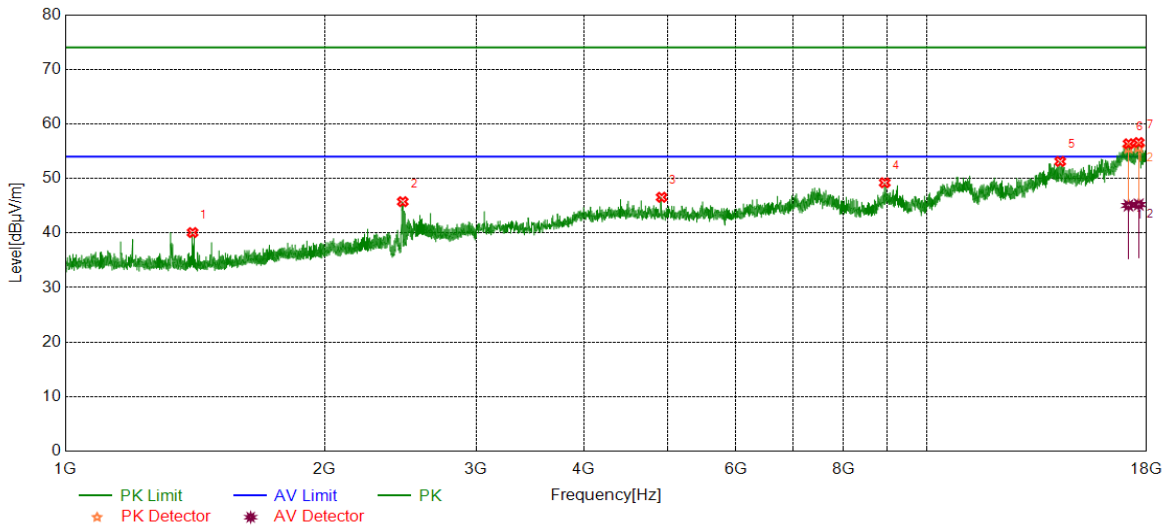


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2544.9431	48.86	-1.07	47.79	74.00	-26.21	peak
2	4923.9905	47.03	5.08	52.11	74.00	-21.89	peak
3	7397.4247	39.29	8.85	48.14	74.00	-25.86	peak
4	10823.4779	38.32	12.03	50.35	74.00	-23.65	peak
5	13925.1156	37.83	14.84	52.67	74.00	-21.33	peak
		36.77	19.83	56.60	74.00	-17.40	peak
6	16964.8706	27.44	19.83	47.27	54.00	-6.73	average
		38.11	18.44	56.55	74.00	-17.45	peak
7	17514.3143	26.43	18.44	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. 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. 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.  
 6. 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

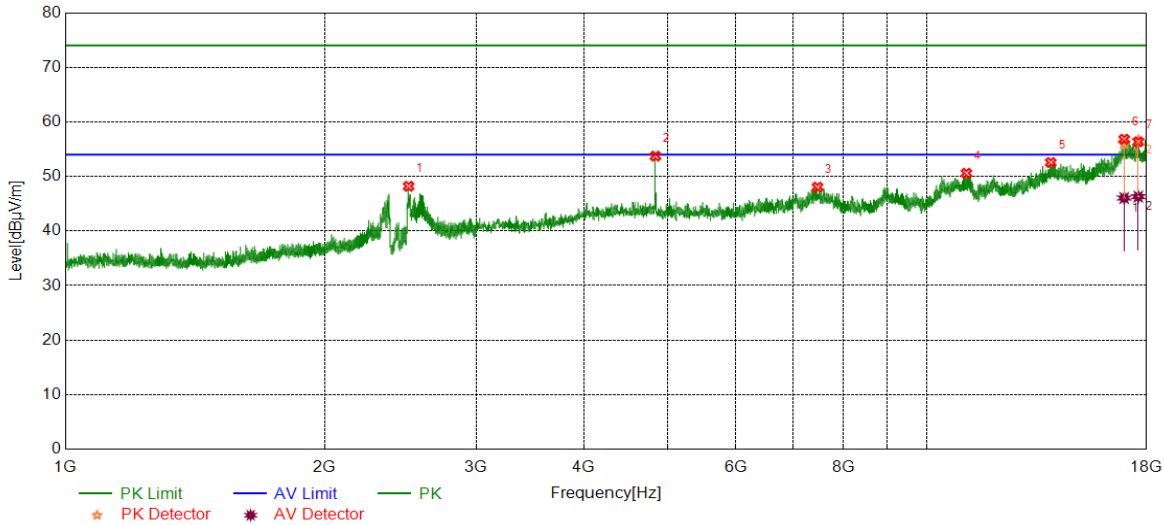


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1405.5507	45.72	-5.64	40.08	74.00	-33.92	peak
2	2464.9331	46.61	-0.87	45.74	74.00	-28.26	peak
3	4923.9905	41.47	5.08	46.55	74.00	-27.45	peak
4	8938.8674	40.04	9.17	49.21	74.00	-24.79	peak
5	14288.9111	37.82	15.29	53.11	74.00	-20.89	peak
		36.47	19.05	55.52	74.00	-18.48	peak
6	17148.6436	26.00	19.05	45.05	54.00	-8.95	average
		36.87	18.79	55.66	74.00	-18.34	peak
7	17624.9531	26.43	18.79	45.22	54.00	-8.78	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. 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. 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.  
 6. 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

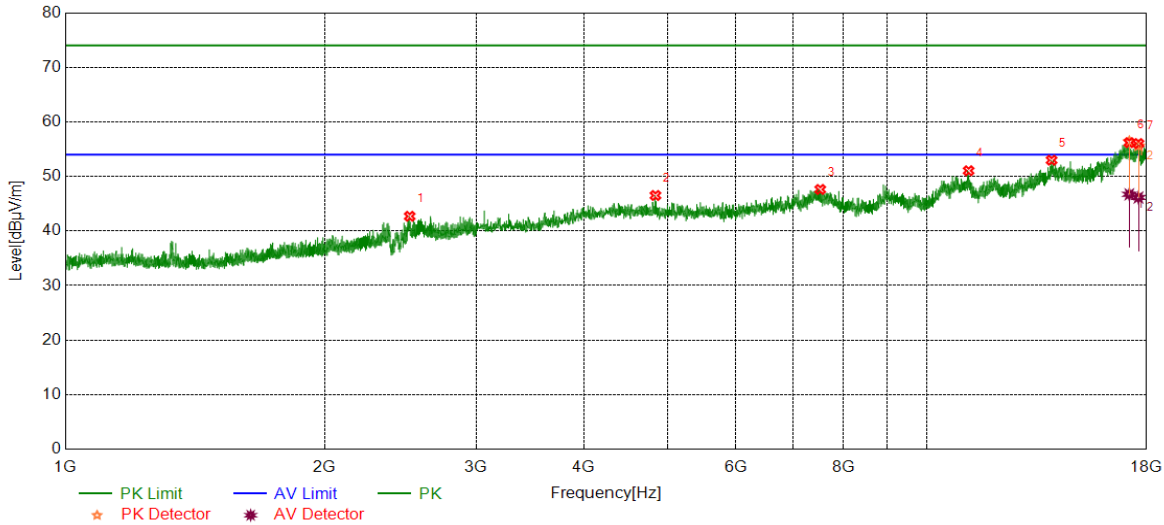


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2503.9380	48.78	-0.58	48.20	74.00	-25.80	peak
2	4843.3554	48.75	4.97	53.72	74.00	-20.28	peak
3	7468.6836	38.79	9.25	48.04	74.00	-25.96	peak
4	11119.7650	38.06	12.52	50.58	74.00	-23.42	peak
5	13930.7413	37.77	14.78	52.55	74.00	-21.45	peak
		36.65	19.32	55.97	74.00	-18.03	peak
6	16951.7440	26.72	19.32	46.04	54.00	-7.96	average
		37.89	18.71	56.60	74.00	-17.40	peak
7	17602.4503	27.59	18.71	46.30	54.00	-7.70	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. 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. 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.  
 6. 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

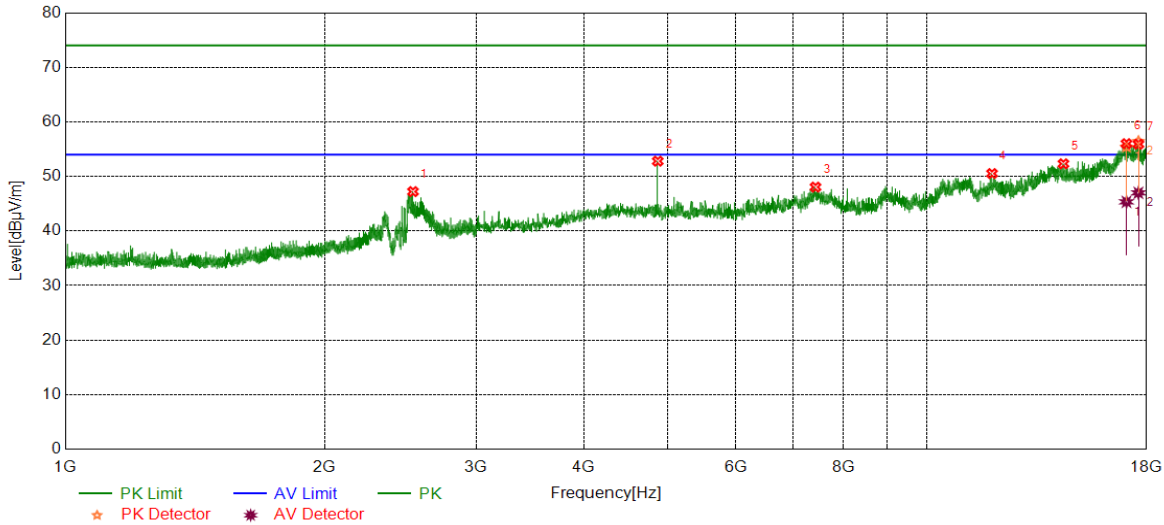


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2511.4389	43.26	-0.56	42.70	74.00	-31.30	peak
2	4843.3554	41.54	4.97	46.51	74.00	-27.49	peak
3	7523.0654	38.42	9.20	47.62	74.00	-26.38	peak
4	11185.3982	38.73	12.32	51.05	74.00	-22.95	peak
5	13962.6203	37.97	15.01	52.98	74.00	-21.02	peak
		37.65	18.72	56.37	74.00	-17.63	peak
6	17186.1483	28.00	18.72	46.72	54.00	-7.28	average
		36.89	18.72	55.61	74.00	-18.39	peak
7	17611.8265	27.42	18.72	46.14	54.00	-7.86	average

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



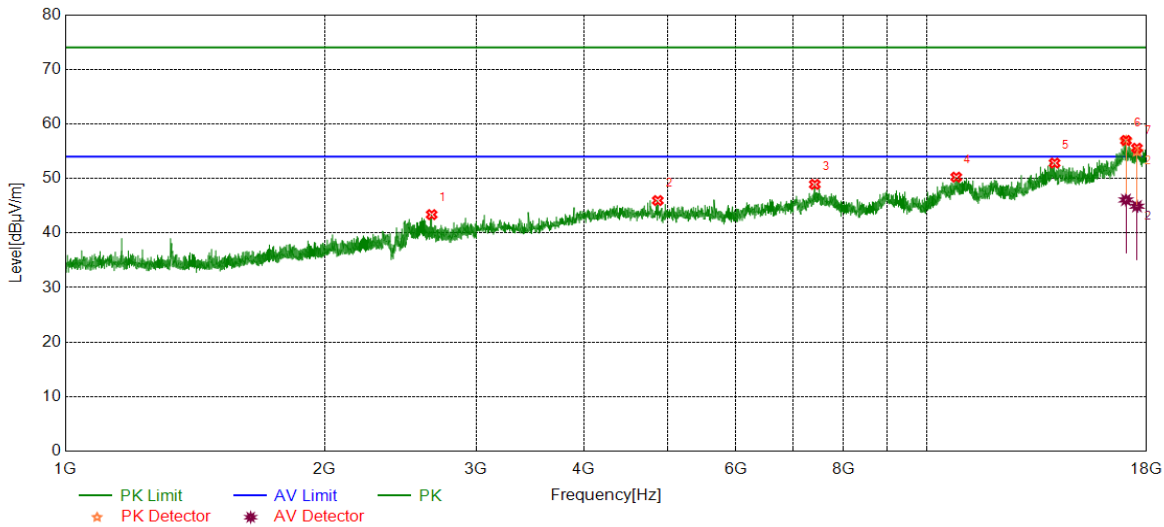
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2533.4417	48.25	-1.03	47.22	74.00	-26.78	peak
2	4873.3592	47.94	4.86	52.80	74.00	-21.20	peak
3	7429.3037	38.95	9.10	48.05	74.00	-25.95	peak
4	11907.3634	37.75	12.78	50.53	74.00	-23.47	peak
5	14410.8014	37.35	14.97	52.32	74.00	-21.68	peak
		35.61	19.79	55.40	74.00	-18.60	peak
6	17054.8819	25.55	19.79	45.34	54.00	-8.66	average
		37.70	18.72	56.42	74.00	-17.58	peak
7	17609.9512	28.28	18.72	47.00	54.00	-7.00	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. 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. 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.  
 6. 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

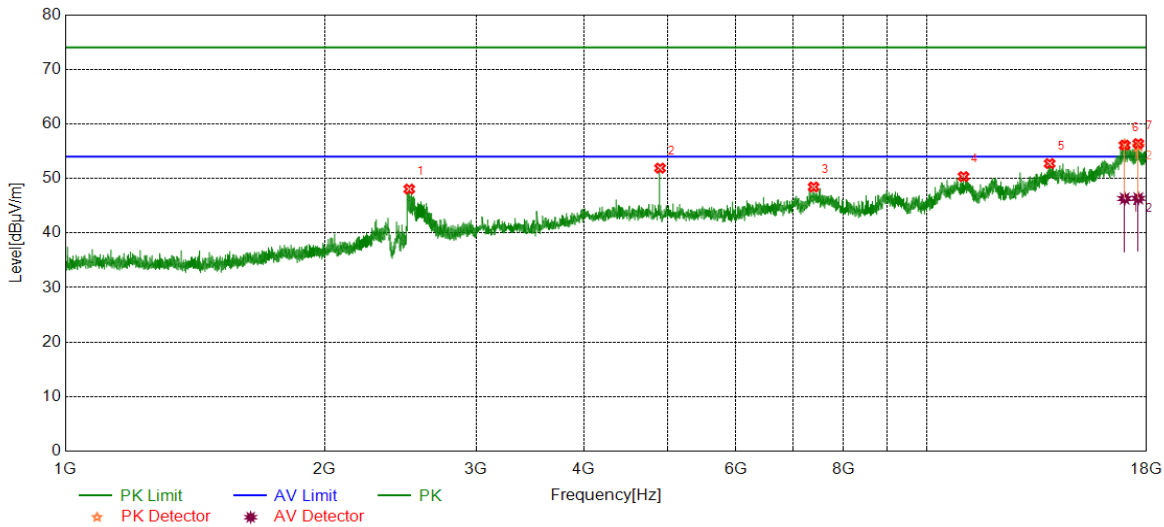


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2662.9579	44.13	-0.76	43.37	74.00	-30.63	peak
2	4873.3592	41.09	4.86	45.95	74.00	-28.05	peak
3	7414.3018	39.77	9.14	48.91	74.00	-25.09	peak
4	10821.6027	38.22	12.02	50.24	74.00	-23.76	peak
5	14075.1344	37.05	15.77	52.82	74.00	-21.18	peak
		37.37	19.50	56.87	74.00	-17.13	peak
6	17032.3790	26.56	19.50	46.06	54.00	-7.94	average
		36.67	18.29	54.96	74.00	-19.04	peak
7	17542.4428	26.62	18.29	44.91	54.00	-9.09	average

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

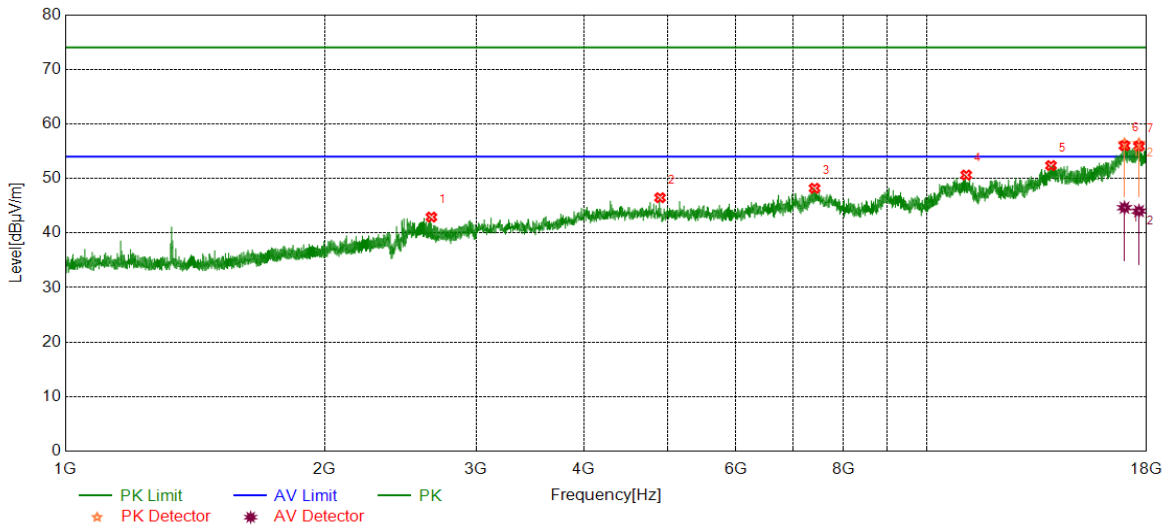


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2508.1885	48.59	-0.54	48.05	74.00	-25.95	peak
2	4903.3629	47.08	4.81	51.89	74.00	-22.11	peak
3	7391.7990	39.64	8.80	48.44	74.00	-25.56	peak
4	11033.5042	37.85	12.49	50.34	74.00	-23.66	peak
5	13891.3614	37.44	15.29	52.73	74.00	-21.27	peak
6	16974.2468	36.44	19.73	56.17	74.00	-17.83	peak
		26.58	19.73	46.31	54.00	-7.69	average
7	17602.4503	37.25	18.71	55.96	74.00	-18.04	peak
		27.64	18.71	46.35	54.00	-7.65	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. 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. 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.  
 6. 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	2661.2077	43.68	-0.76	42.92	74.00	-31.08	peak
2	4903.3629	41.66	4.81	46.47	74.00	-27.53	peak
3	7410.5513	39.00	9.20	48.20	74.00	-25.80	peak
4	11114.1393	38.08	12.55	50.63	74.00	-23.37	peak
5	13940.1175	37.51	14.85	52.36	74.00	-21.64	peak
		36.56	19.83	56.39	74.00	-17.61	peak
6	16964.8587	24.80	19.83	44.63	54.00	-9.37	average
		37.70	18.70	56.40	74.00	-17.60	peak
7	17636.1926	25.32	18.70	44.02	54.00	-9.98	average

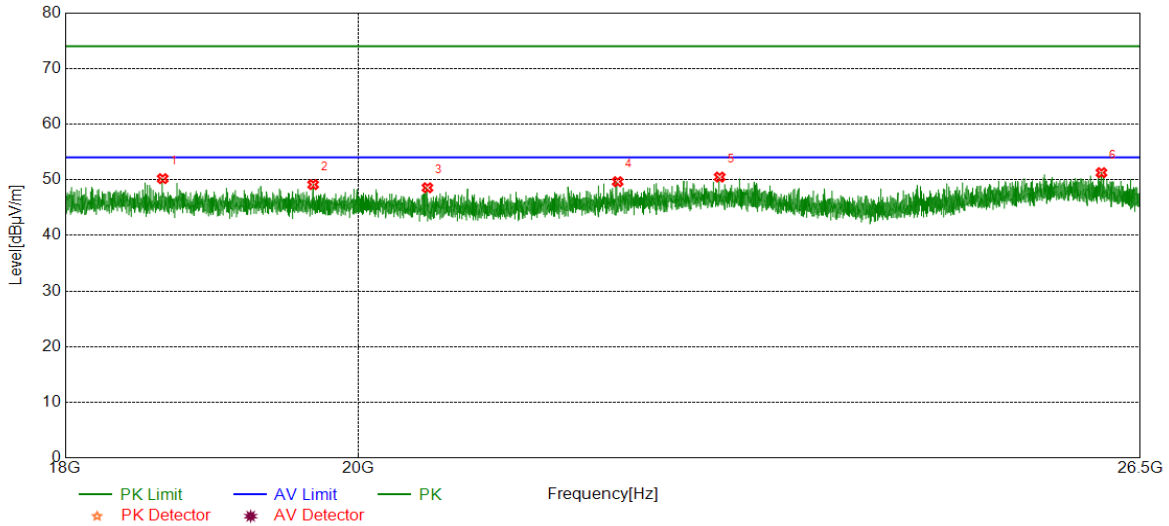
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. 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.  
 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**Part II: 18GHz~26.5GHz**

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

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS

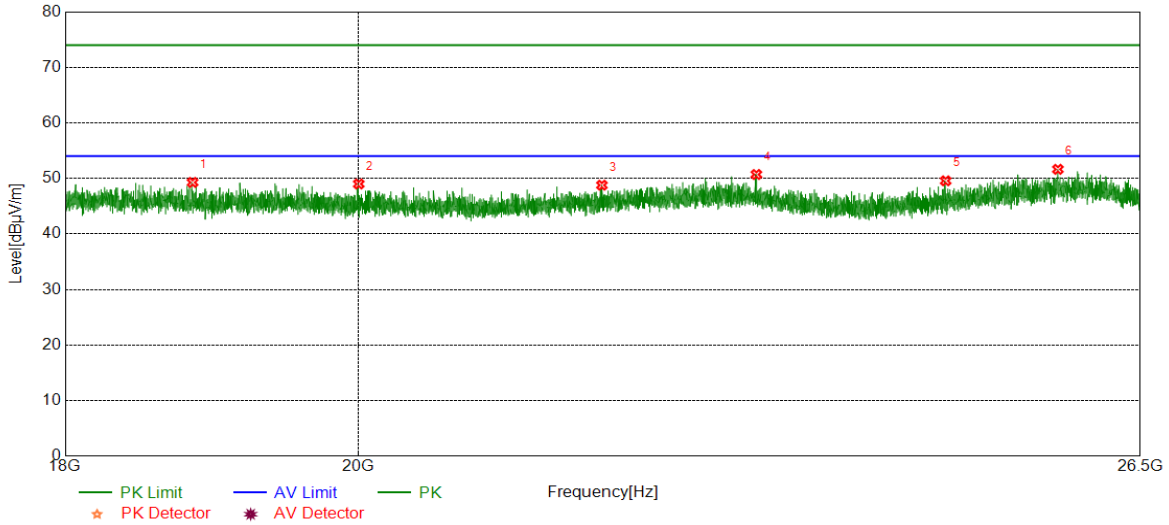


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18642.6643	51.18	-0.98	50.20	74.00	-23.80	peak
2	19679.7680	49.80	-0.67	49.13	74.00	-24.87	peak
3	20506.0506	49.26	-0.70	48.56	74.00	-25.44	peak
4	21958.8459	49.54	0.11	49.65	74.00	-24.35	peak
5	22780.0280	49.42	1.06	50.48	74.00	-23.52	peak
6	26134.4634	49.86	1.41	51.27	74.00	-22.73	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	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18844.1344	50.36	-1.08	49.28	74.00	-24.72	peak
2	20005.3505	49.51	-0.51	49.00	74.00	-25.00	peak
3	21834.7335	48.83	-0.05	48.78	74.00	-25.22	peak
4	23082.6583	49.71	1.00	50.71	74.00	-23.29	peak
5	24709.7210	49.86	-0.29	49.57	74.00	-24.43	peak
6	25728.1228	50.41	1.23	51.64	74.00	-22.36	peak

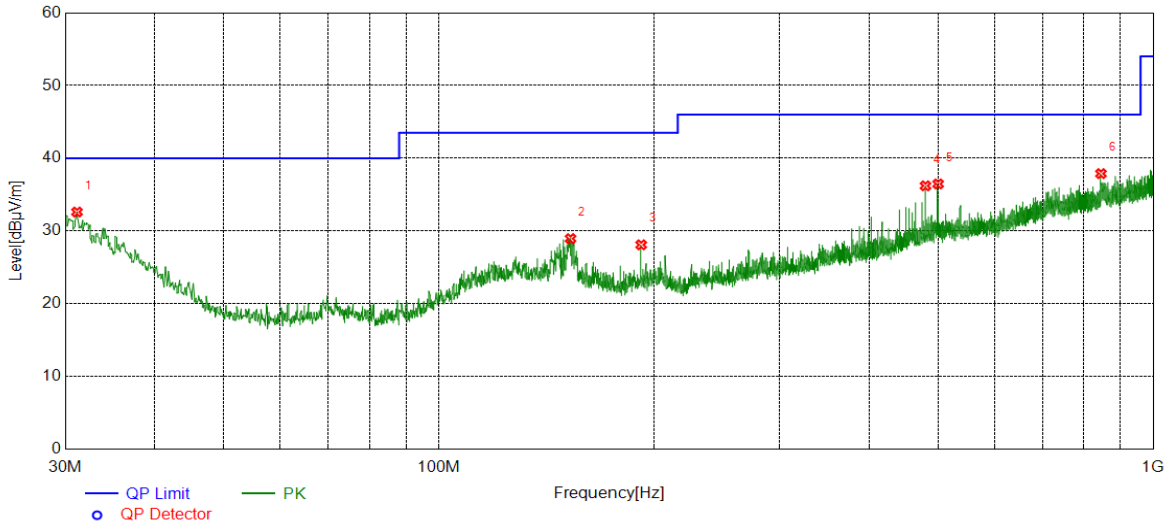
- Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.  
 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions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



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

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

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS

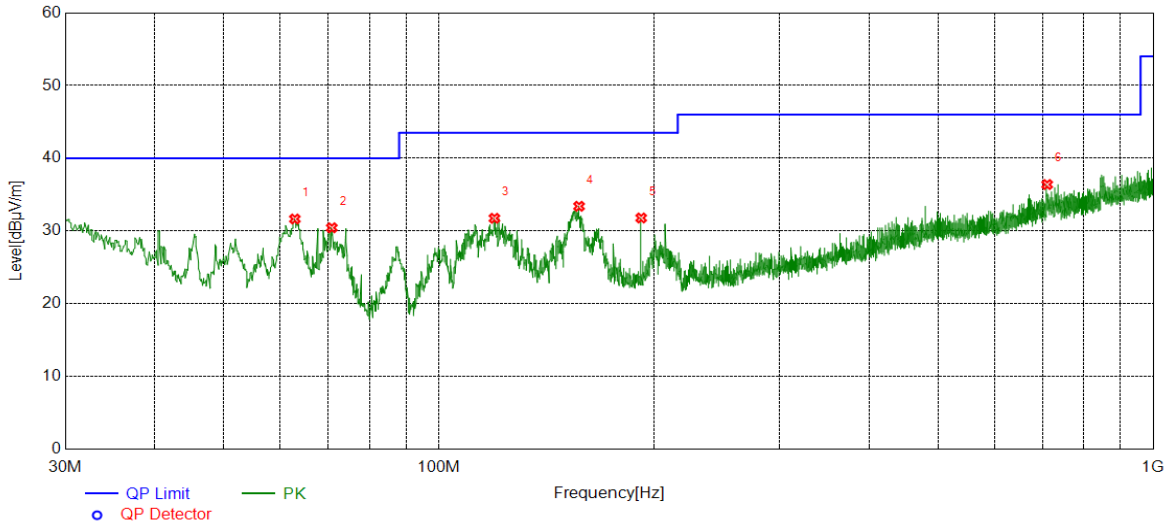


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	31.1641	6.16	26.45	32.61	40.00	-7.39	peak
2	152.9113	9.50	19.45	28.95	43.50	-14.55	peak
3	192.0062	9.15	18.95	28.10	43.50	-15.40	peak
4	480.0280	10.83	25.38	36.21	46.00	-9.79	peak
5	500.0120	10.57	25.90	36.47	46.00	-9.53	peak
6	845.0755	7.72	30.17	37.89	46.00	-8.11	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
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	62.8863	17.24	14.41	31.65	40.00	-8.35	peak
2	70.8411	15.52	14.92	30.44	40.00	-9.56	peak
3	119.6370	11.22	20.53	31.75	43.50	-11.75	peak
4	157.1797	14.19	19.21	33.40	43.50	-10.10	peak
5	192.0062	12.84	18.95	31.79	43.50	-11.71	peak
6	710.5231	7.77	28.62	36.39	46.00	-9.61	peak

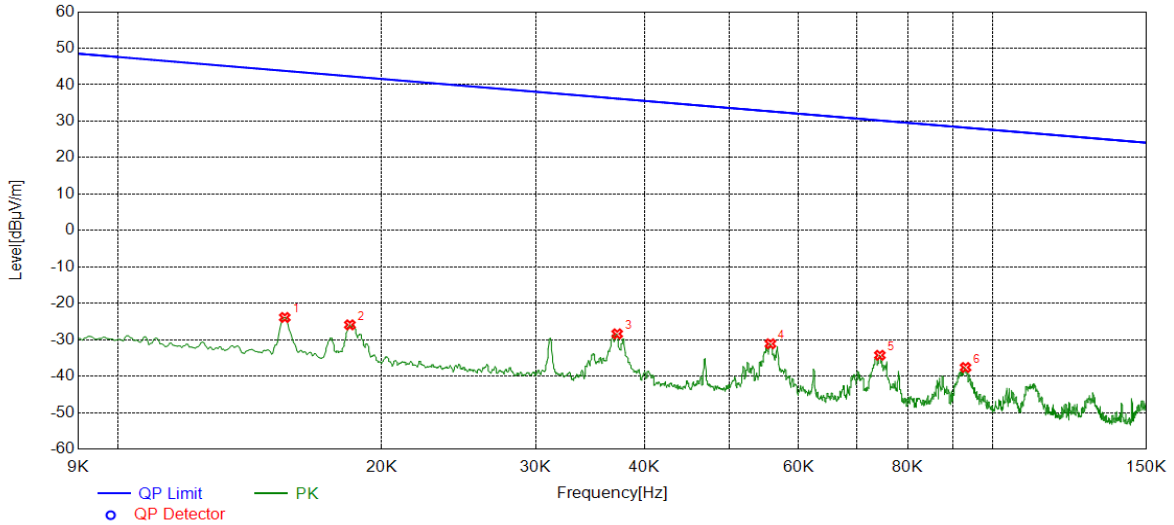
- Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.  
 3. Measurement = Reading Level + Correct Factor.



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

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

Test Mode	Channel	Frequency Range	Verdict
11B	HCH	9KHz~150KHz	PASS



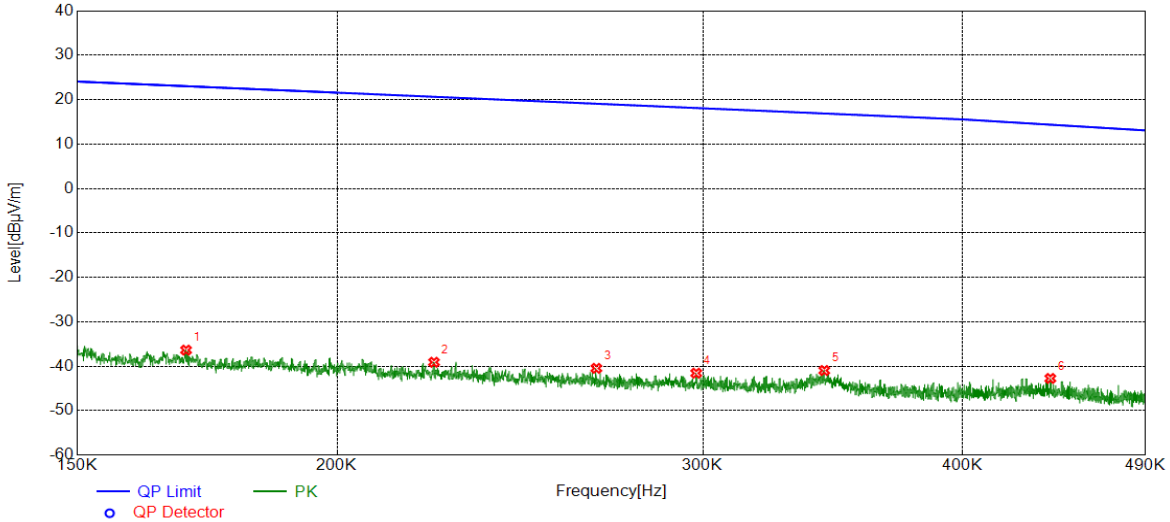
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	36.99	-60.88	-23.89	43.80	-67.69	peak
2	0.0184	34.88	-60.79	-25.91	42.30	-68.21	peak
3	0.0372	32.47	-60.85	-28.38	36.20	-64.58	peak
4	0.0557	29.92	-61.03	-31.11	32.68	-63.79	peak
5	0.0743	27.07	-61.33	-34.26	30.18	-64.44	peak
6	0.0931	23.21	-60.83	-37.62	28.22	-65.84	peak

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.  
 3. 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
11B	HCH	150KHz~490KHz	PASS

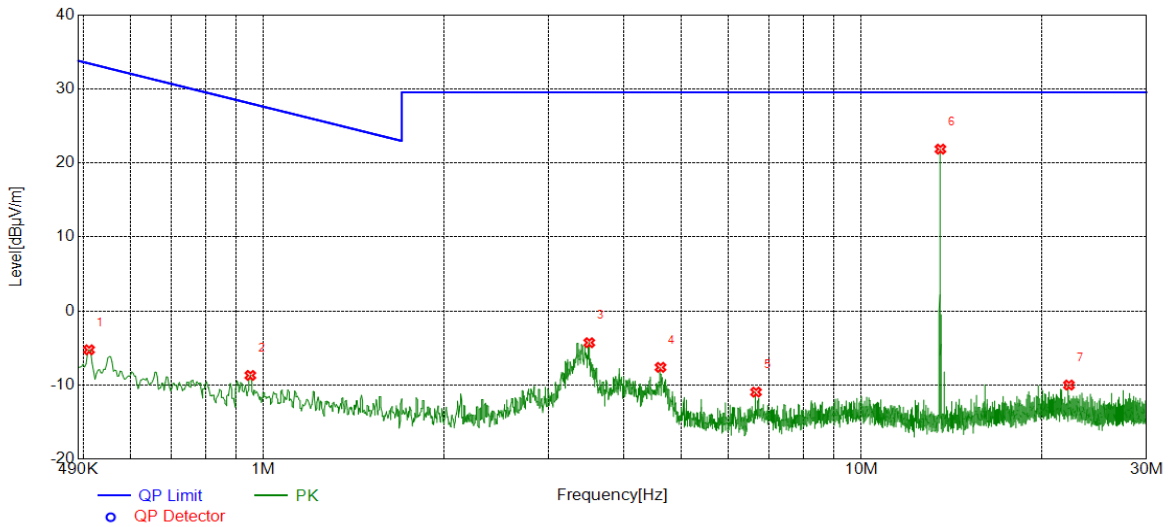


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1692	24.77	-61.14	-36.37	23.04	-59.41	peak
2	0.2227	21.77	-60.87	-39.10	20.65	-59.75	peak
3	0.2666	20.25	-60.72	-40.47	19.08	-59.55	peak
4	0.2978	19.13	-60.69	-41.56	18.12	-59.68	peak
5	0.3432	19.69	-60.65	-40.96	16.89	-57.85	peak
6	0.4409	17.82	-60.57	-42.75	14.37	-57.12	peak

- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.  
 3. 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
11B	HCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5107	15.28	-20.52	-5.24	33.44	-38.68	peak
2	0.9504	11.66	-20.36	-8.70	28.04	-36.74	peak
3	3.5062	15.92	-20.20	-4.28	29.54	-33.82	peak
4	4.6130	12.48	-20.09	-7.61	29.54	-37.15	peak
5	6.6641	8.77	-19.72	-10.95	29.54	-40.49	peak
6	13.5583	40.93	-19.07	21.86	29.54	-7.68	peak
7	22.2440	7.55	-17.55	-10.00	29.54	-39.54	peak

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

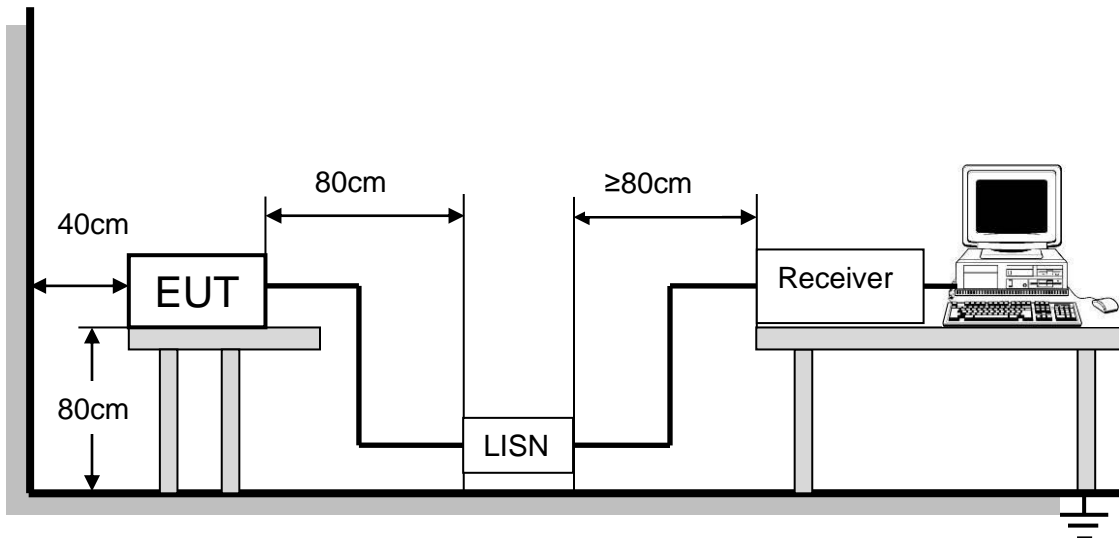
## 8. AC POWER LINE CONDUCTED EMISSIONS

### 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



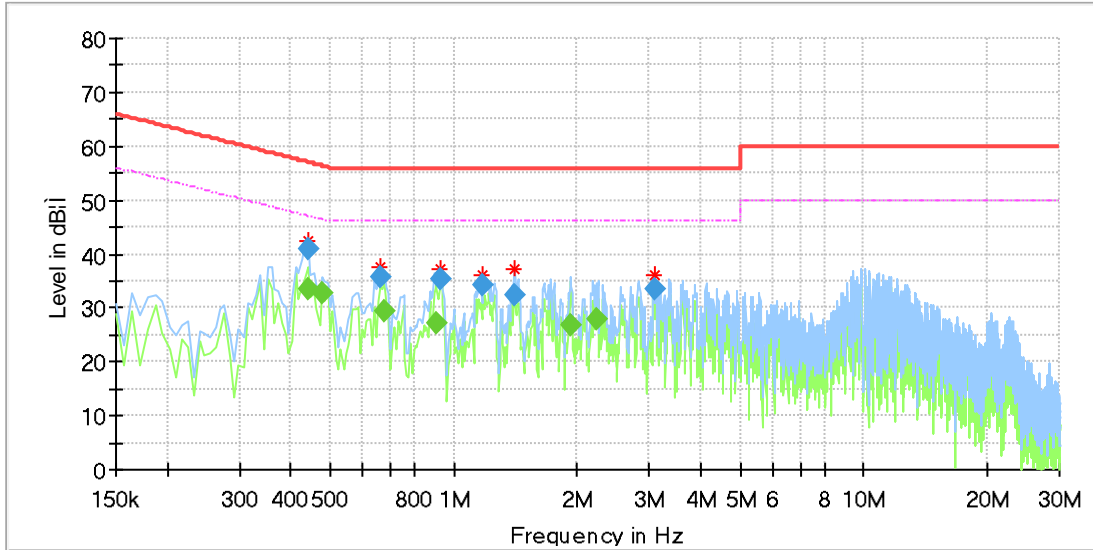
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3)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



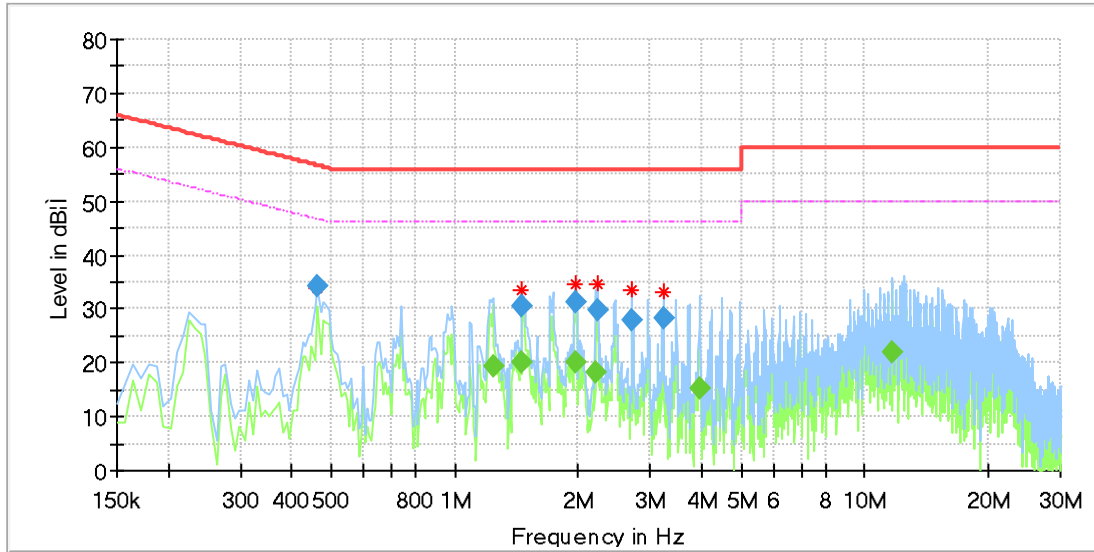
**Final Result**

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.441038	---	33.39	47.04	13.65	1000.0	9.000	L1	OFF	9.7
0.441038	40.90	---	57.04	16.14	1000.0	9.000	L1	OFF	9.7
0.478350	---	32.87	46.37	13.50	1000.0	9.000	L1	OFF	9.7
0.664913	35.79	---	56.00	20.21	1000.0	9.000	L1	OFF	9.6
0.679838	---	29.36	46.00	16.64	1000.0	9.000	L1	OFF	9.6
0.903713	---	27.07	46.00	18.93	1000.0	9.000	L1	OFF	9.7
0.926100	35.40	---	56.00	20.60	1000.0	9.000	L1	OFF	9.7
1.179825	34.14	---	56.00	21.86	1000.0	9.000	L1	OFF	9.5
1.403700	32.48	---	56.00	23.52	1000.0	9.000	L1	OFF	9.5
1.926075	---	26.69	46.00	19.31	1000.0	9.000	L1	OFF	9.6
2.239500	---	27.92	46.00	18.08	1000.0	9.000	L1	OFF	9.7
3.082763	33.52	---	56.00	22.48	1000.0	9.000	L1	OFF	9.8

- 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 HCH of 11N40 MIMO 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)
0.463425	34.23	---	56.63	22.41	1000.0	9.000	N	OFF	9.6
1.239525	---	19.44	46.00	26.56	1000.0	9.000	N	OFF	9.7
1.455938	---	20.10	46.00	25.90	1000.0	9.000	N	OFF	9.6
1.455938	30.59	---	56.00	25.41	1000.0	9.000	N	OFF	9.6
1.978313	---	20.19	46.00	25.81	1000.0	9.000	N	OFF	9.7
1.978313	31.13	---	56.00	24.87	1000.0	9.000	N	OFF	9.7
2.202188	---	18.27	46.00	27.73	1000.0	9.000	N	OFF	9.6
2.239500	29.84	---	56.00	26.16	1000.0	9.000	N	OFF	9.6
2.702175	27.88	---	56.00	28.12	1000.0	9.000	N	OFF	9.6
3.232013	28.40	---	56.00	27.60	1000.0	9.000	N	OFF	9.7
3.970800	---	15.29	46.00	30.71	1000.0	9.000	N	OFF	9.6
11.687025	---	22.06	50.00	27.94	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 HCH of 11N40 MIMO 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 GAIN

The antenna gain of EUT is less than 6 dBi

**END OF REPORT**