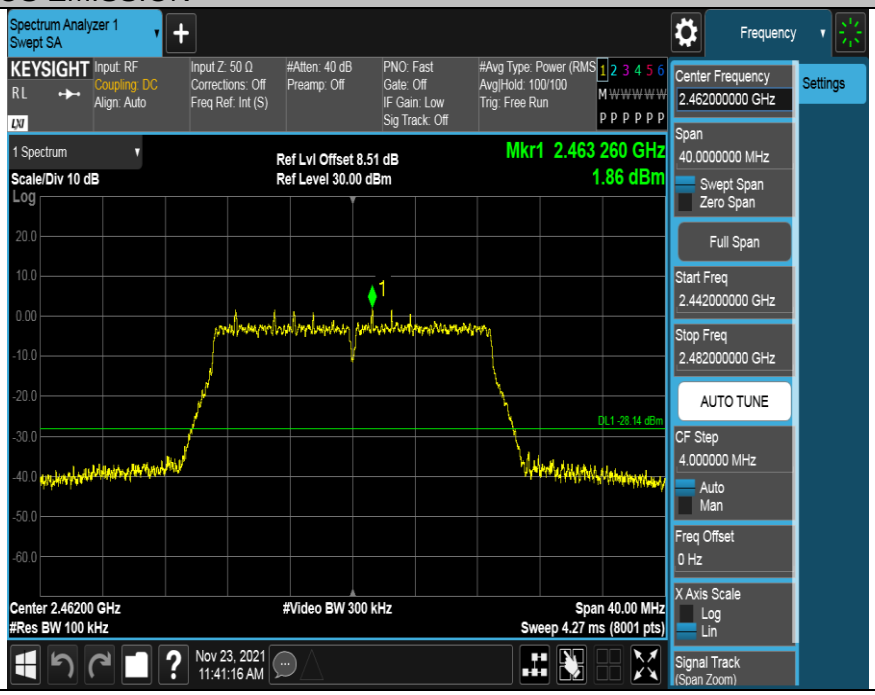
Test Mode	Channel	Verdict
11N HT20	HCH	PASS

Pref test Plot

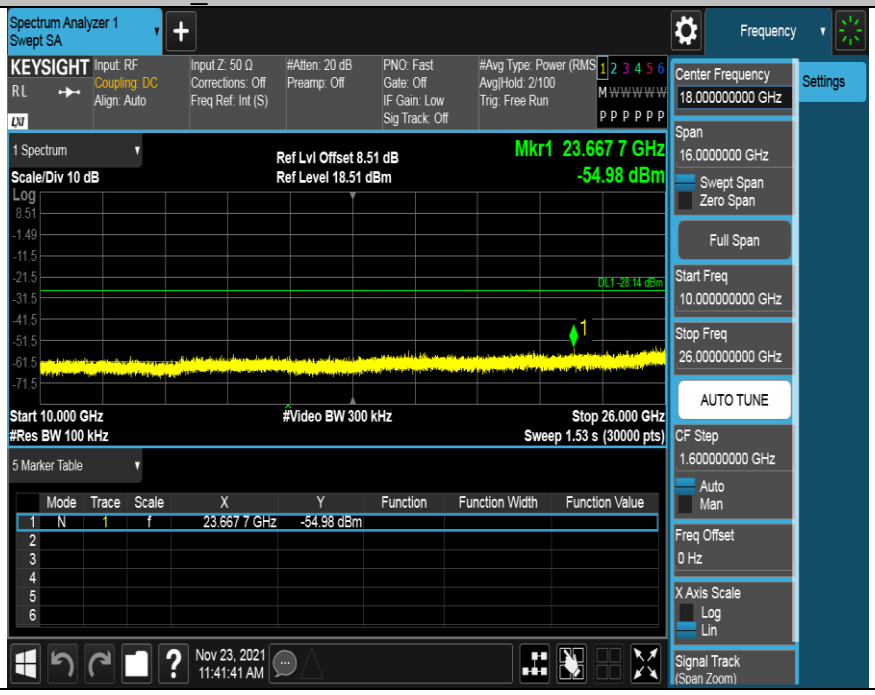
HCH SPURIOUS EMISSION



Puw test Plot

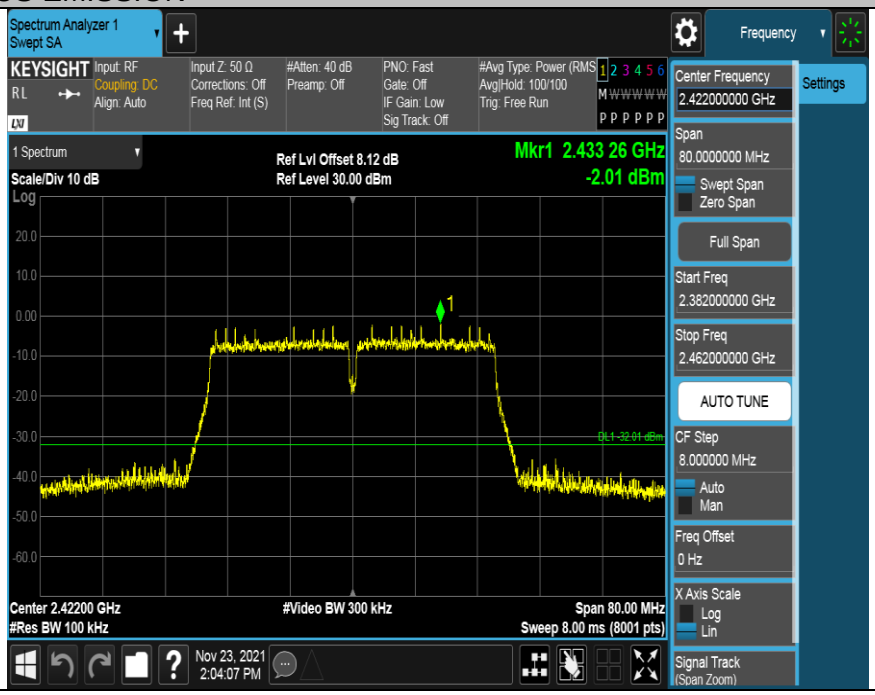
HCH SPURIOUS EMISSION_30MHz~10GHz

HCH SPURIOUS EMISSION_10GHz~26GHz



Test Mode	Channel	Verdict
11N HT40	LCH	PASS

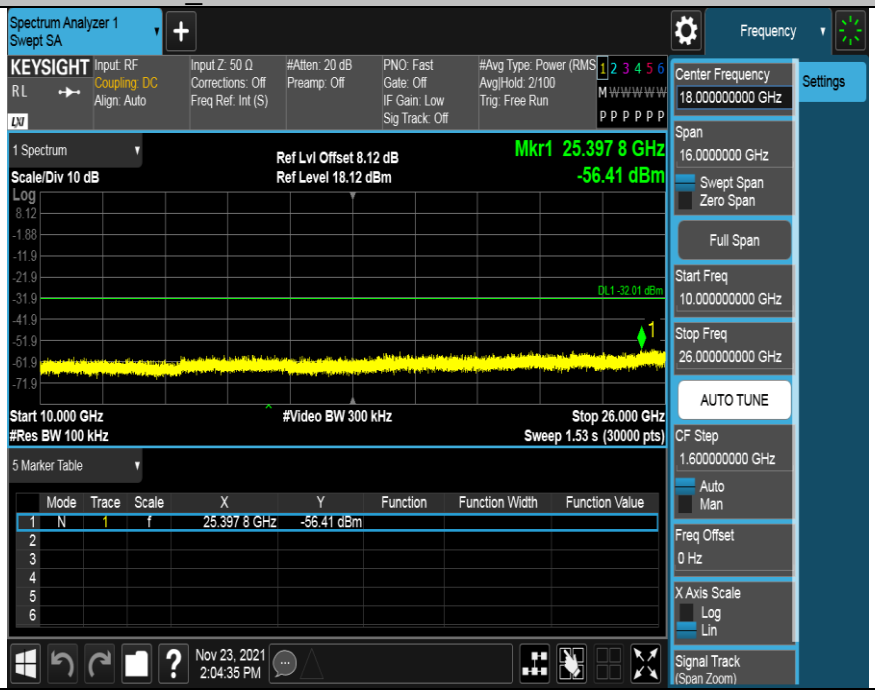
Pref test Plot

LCH SPURIOUS EMISSION


Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz

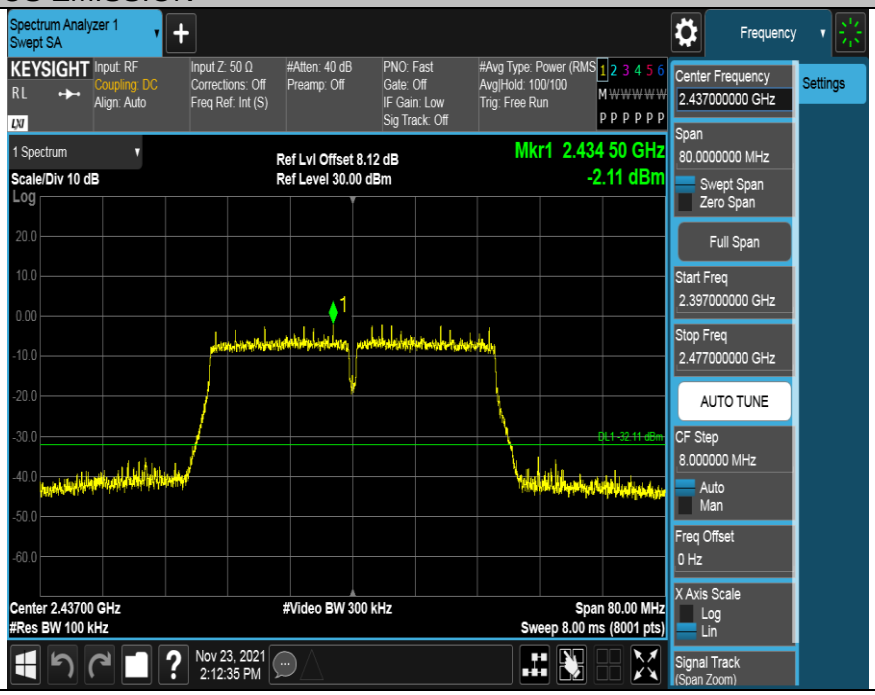
LCH SPURIOUS EMISSION_10GHz~26GHz



Test Mode	Channel	Verdict
11N HT40	MCH	PASS

Pref test Plot

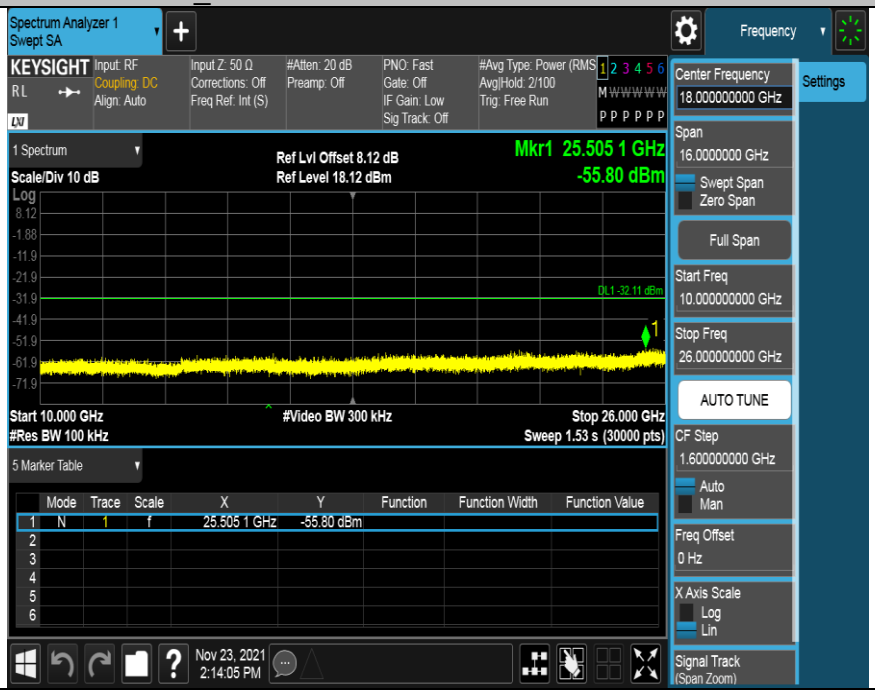
MCH SPURIOUS EMISSION



Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz

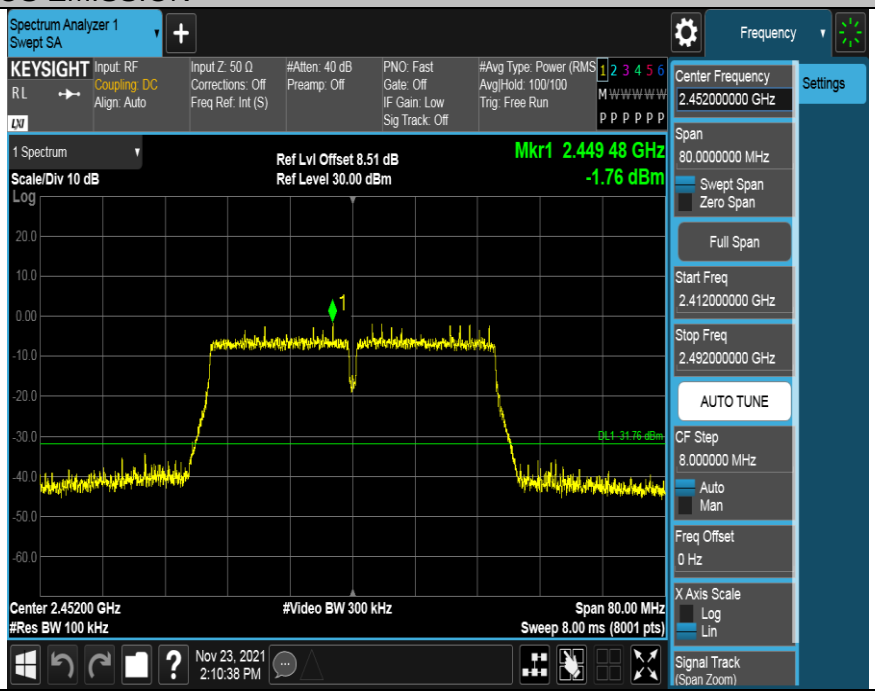
MCH SPURIOUS EMISSION_10GHz~26GHz



Test Mode	Channel	Verdict
11N HT40	HCH	PASS

Pref test Plot

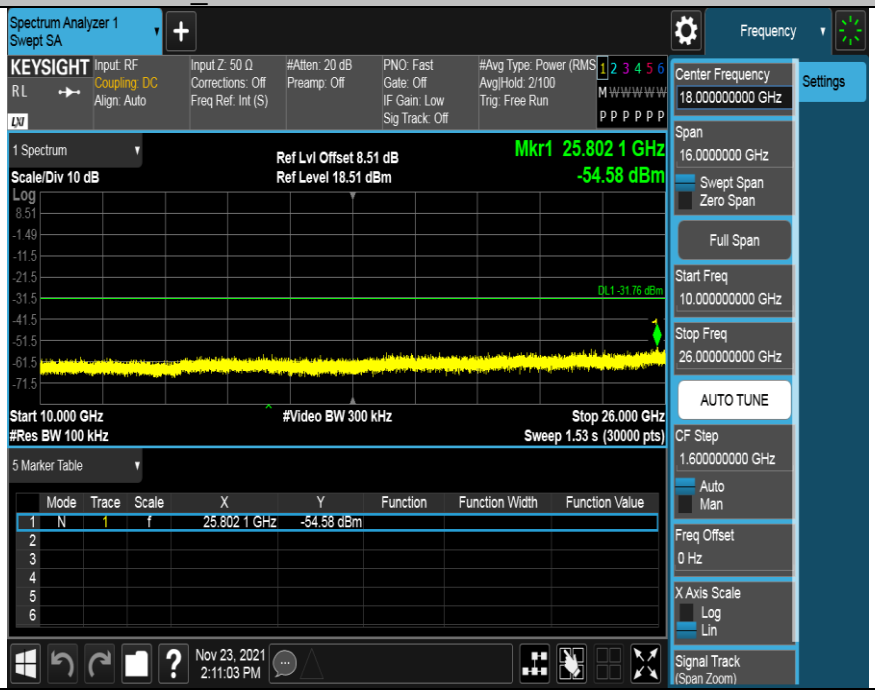
HCH SPURIOUS EMISSION



Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz

HCH SPURIOUS EMISSION_10GHz~26GHz



7.7. RADIATED TEST RESULTS

7.7.1. 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

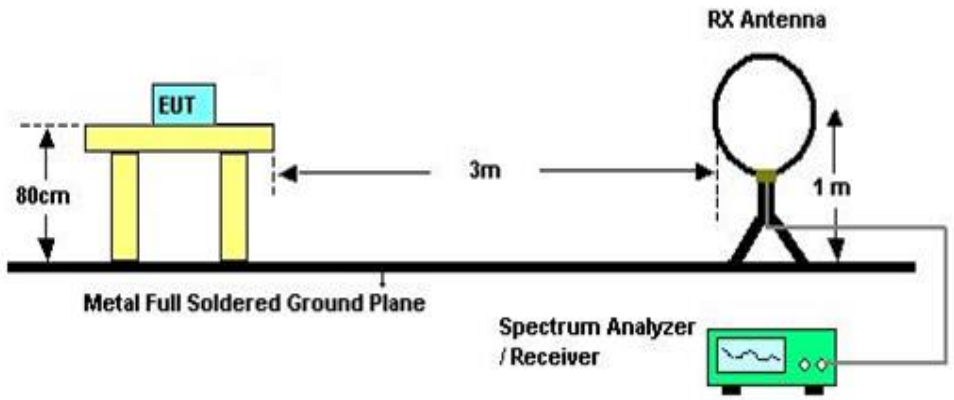
Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]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	([2])
13.36-13.41			

Note: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2]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.

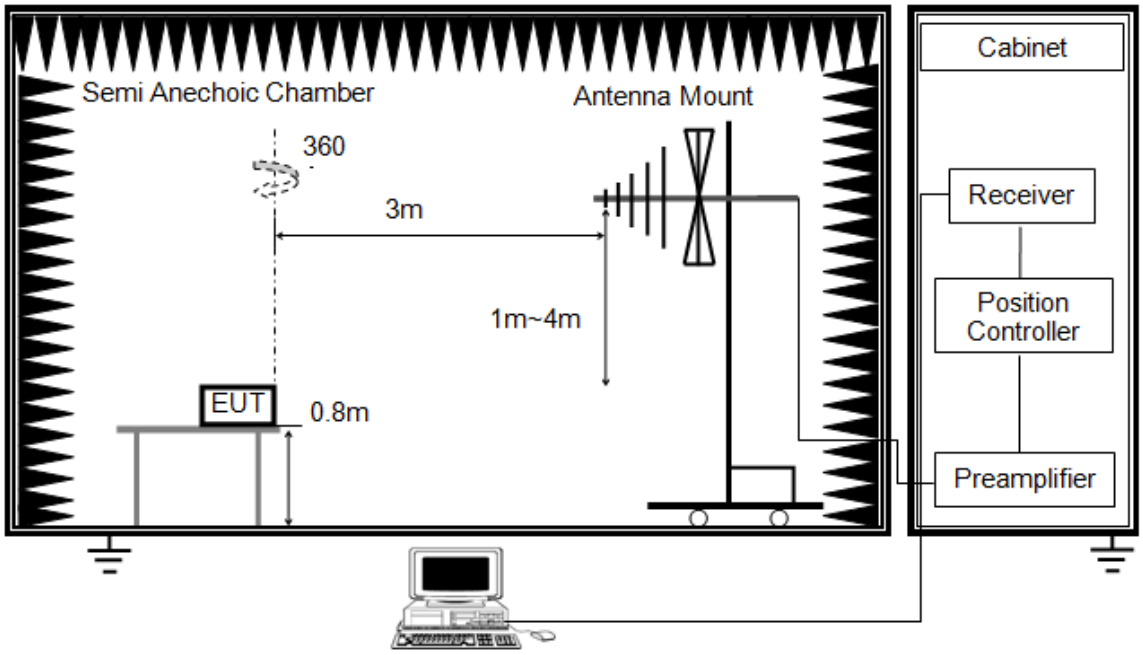
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.

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.

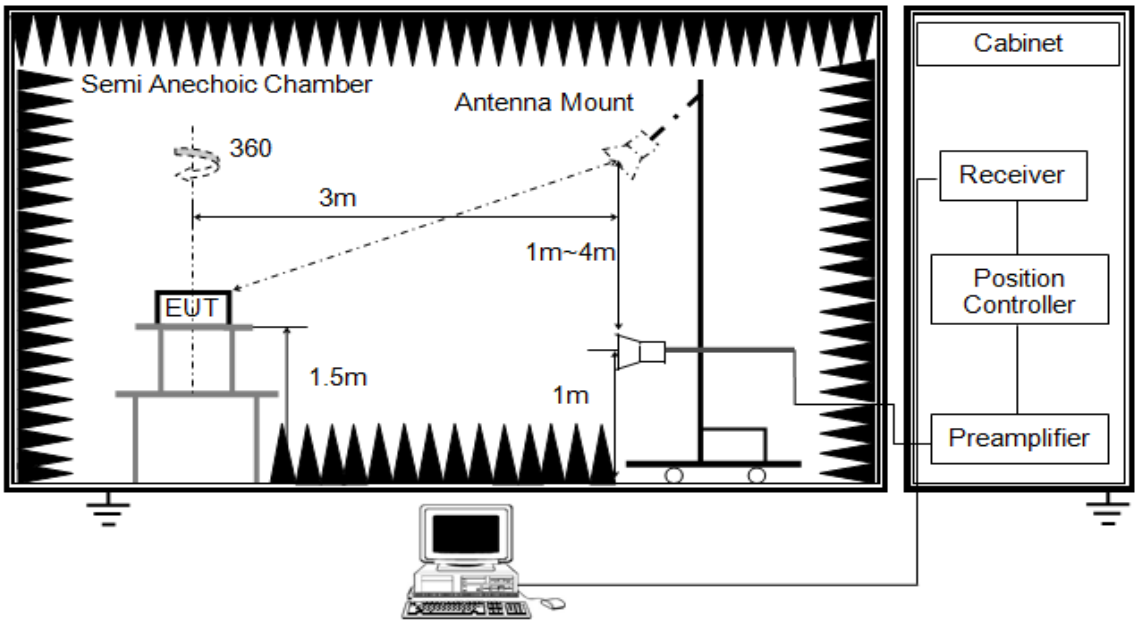
3. The EUT was placed on a turntable with 0.8 meter above ground.

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.

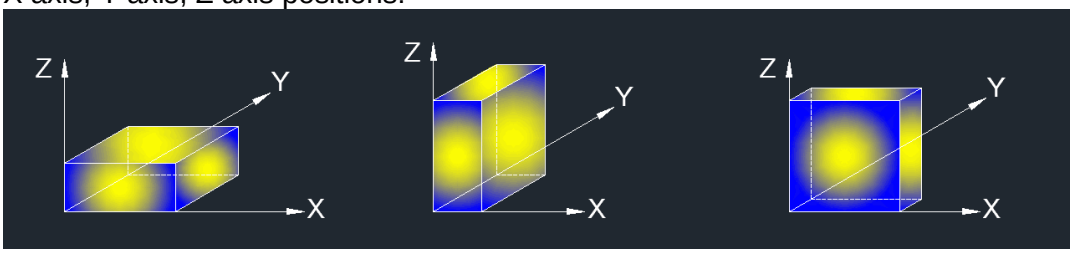
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

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 ≥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*(1/Duty Cycle)] traces for average measurements. For the Duty Cycle need to refer the results in section 7.2.

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 (X axis) data recorded in the report.

7.7.2. RESTRICTED BANDEDGE

TEST ENVIRONMENT

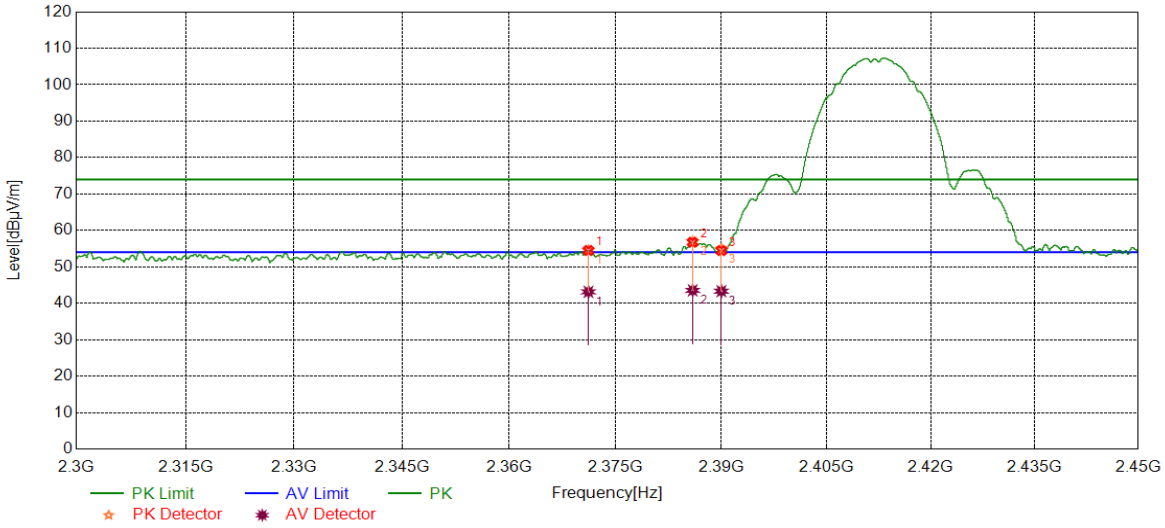
Environment Parameter	Selected Values During Tests
Relative Humidity	54.5%
Atmospheric Pressure:	102.5kPa
Temperature	20.6°C

Test Result Table

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

Test Graphs:

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

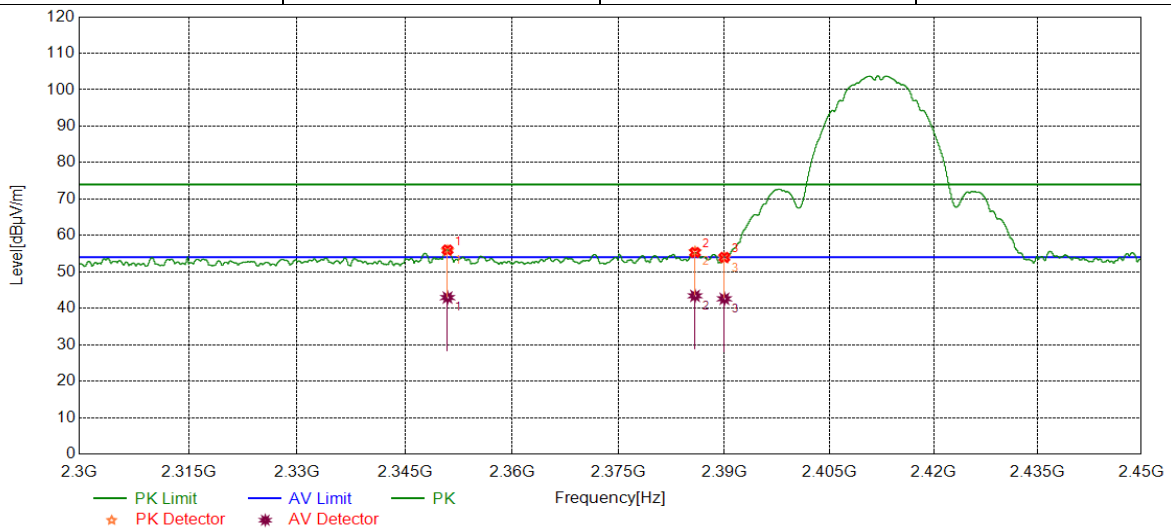


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2371.1651	41.59	12.94	54.53	74.00	-19.47	peak
2	2385.9248	43.84	13.06	56.90	74.00	-17.10	peak
3	2390.0000	41.84	13.07	54.91	74.00	-19.09	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2371.1651	30.21	12.94	43.15	54.00	-10.85	average
2	2385.9248	30.49	13.06	43.55	54.00	-10.45	average
3	2390.0000	30.26	13.07	43.33	54.00	-10.67	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

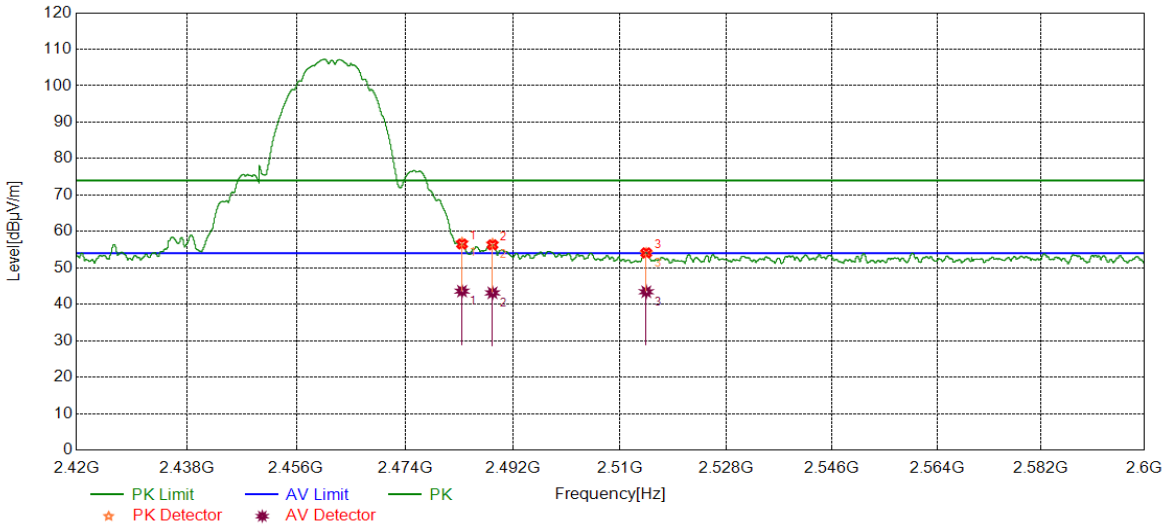


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2350.9501	43.11	12.70	55.81	74.00	-18.19	peak
2	2385.8295	42.41	13.06	55.47	74.00	-18.53	peak
3	2390.0000	40.74	13.07	53.81	74.00	-20.19	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2350.9501	30.25	12.70	42.95	54.00	-11.05	average
2	2385.8295	30.36	13.06	43.42	54.00	-10.58	average
3	2390.0000	29.54	13.07	42.61	54.00	-11.39	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

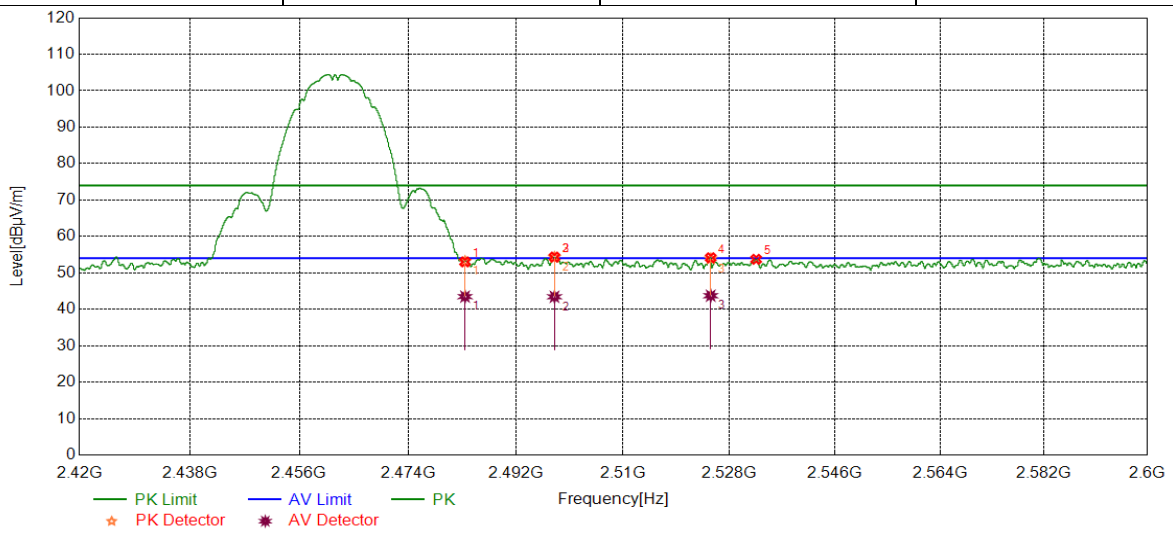


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	43.86	12.97	56.83	74.00	-17.17	peak
2	2488.5886	43.49	12.99	56.48	74.00	-17.52	peak
3	2514.4218	40.74	13.21	53.95	74.00	-20.05	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	30.64	12.97	43.61	54.00	-10.39	average
2	2488.5886	30.15	12.99	43.14	54.00	-10.86	average
3	2514.4218	30.22	13.21	43.43	54.00	-10.57	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

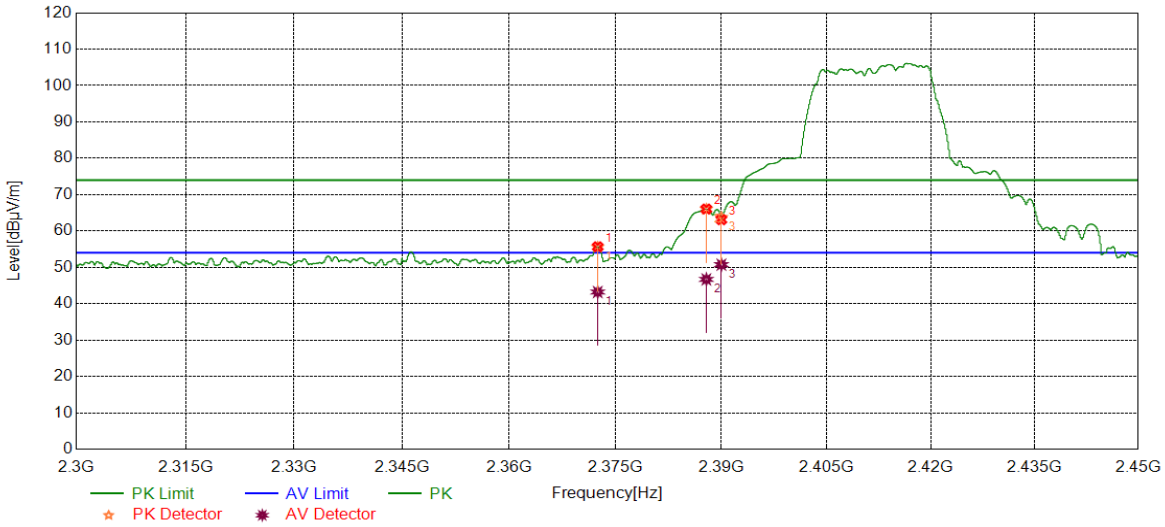


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.18	12.97	53.15	74.00	-20.85	peak
2	2498.4673	41.17	13.12	54.29	74.00	-19.71	peak
3	2524.8181	40.54	13.32	53.86	74.00	-20.14	peak
4	2532.5366	40.30	13.42	53.72	74.00	-20.28	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	30.51	12.97	43.48	54.00	-10.52	average
2	2498.4673	30.32	13.12	43.44	54.00	-10.56	average
3	2524.8181	30.41	13.32	43.73	54.00	-10.27	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

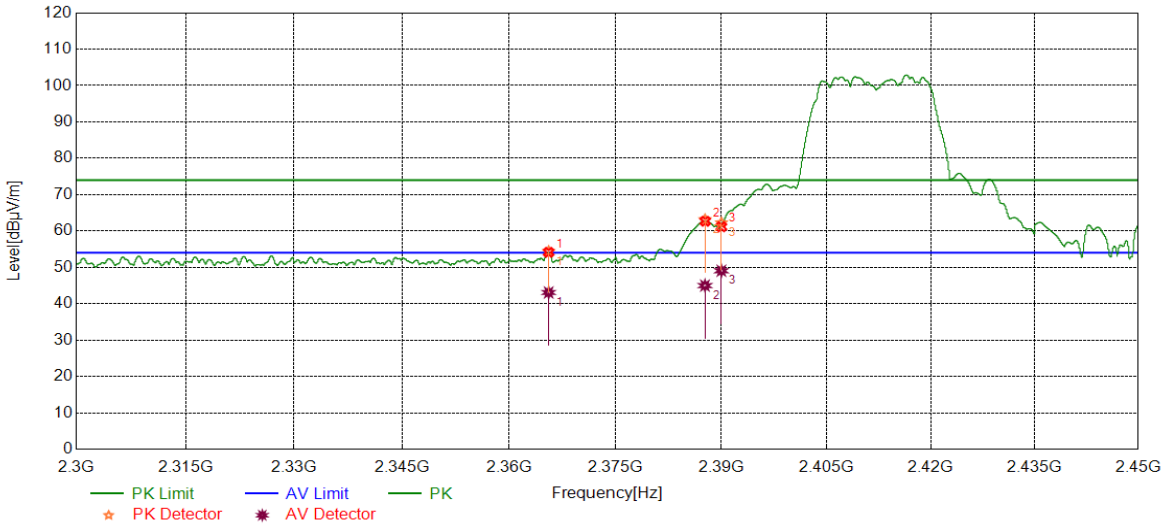


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2372.4778	42.6	12.96	55.56	74.00	-18.44	peak
2	2387.8598	52.94	13.06	66.00	74.00	-8.00	peak
3	2390.0000	50.68	13.07	63.75	74.00	-10.25	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2372.4778	30.26	12.96	43.22	54.00	-10.78	average
2	2387.8598	33.63	13.06	46.69	54.00	-7.31	average
3	2390.0000	37.67	13.07	50.74	54.00	-3.26	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
11G	LCH	Vertical	PASS

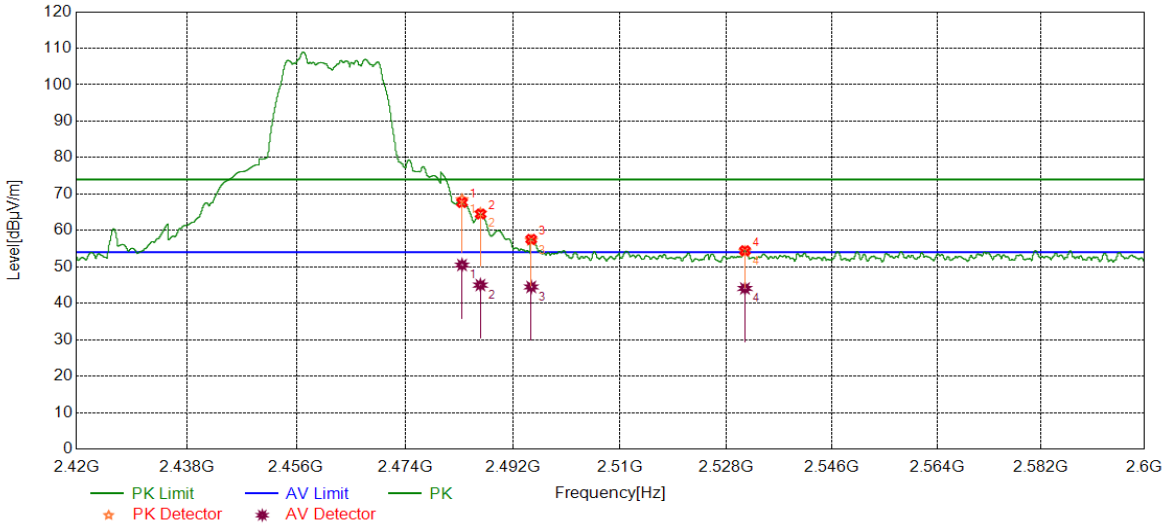


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2365.5582	41.53	12.86	54.39	74.00	-19.61	peak
2	2387.6665	50.09	13.06	63.15	74.00	-10.85	peak
3	2390.0000	49.17	13.07	62.24	74.00	-11.76	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2365.5582	30.23	12.86	43.09	54.00	-10.91	average
2	2387.6665	31.92	13.06	44.98	54.00	-9.02	average
3	2390.0000	36.00	13.07	49.07	54.00	-4.93	average

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

Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS

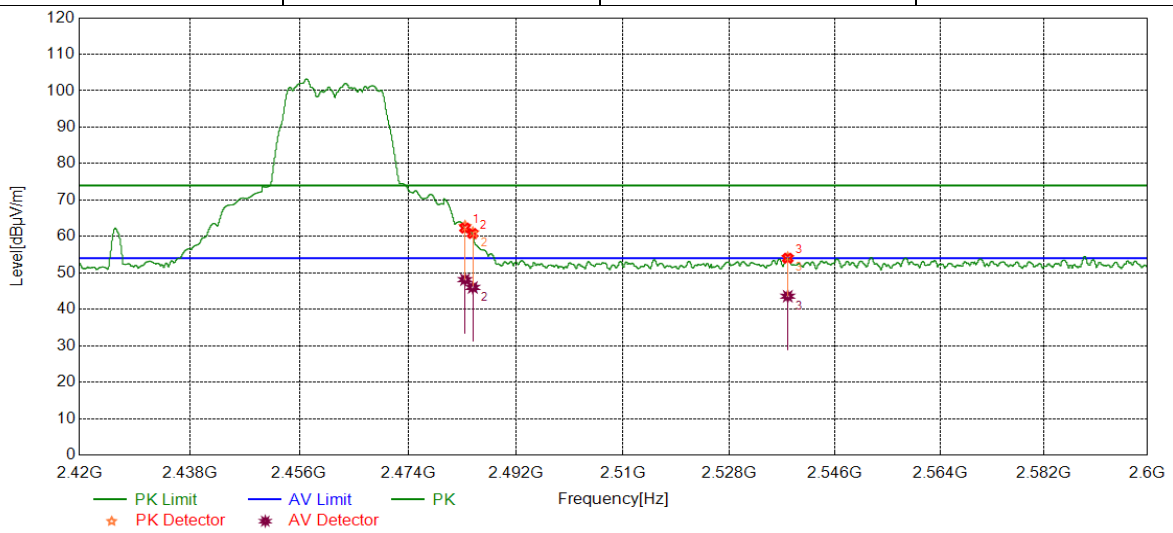


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	55.49	12.97	68.46	74.00	-5.54	peak
2	2486.5660	51.76	12.98	64.74	74.00	-9.26	peak
3	2495.0694	44.2	13.07	57.27	74.00	-16.73	peak
4	2531.1414	40.8	13.42	54.22	74.00	-19.78	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	37.53	12.97	50.50	54.00	-3.50	average
2	2486.5660	32.02	12.98	45.00	54.00	-9.00	average
3	2495.0694	31.42	13.07	44.49	54.00	-9.51	average
4	2531.1414	30.66	13.42	44.08	54.00	-9.92	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

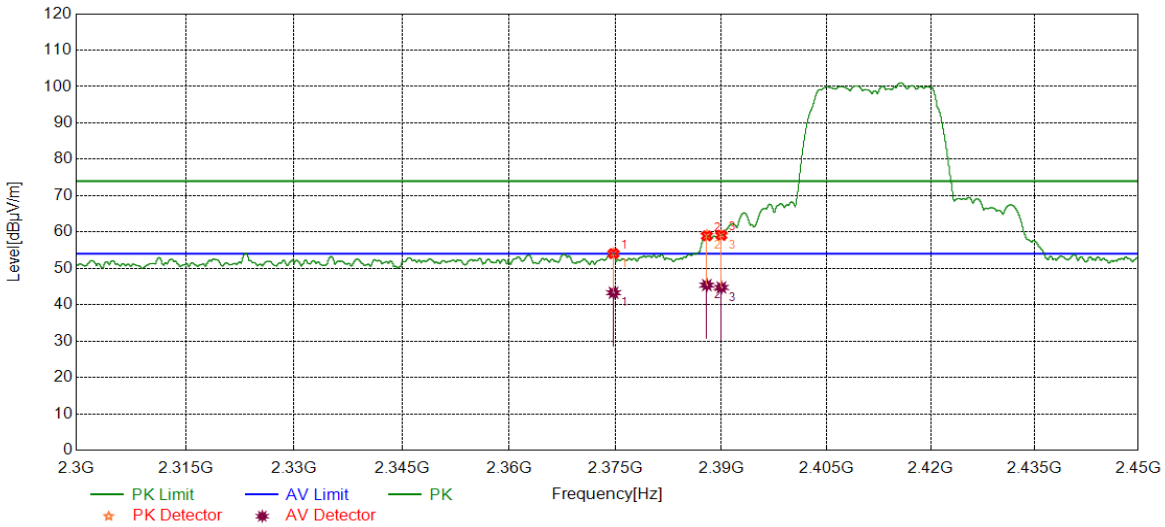


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	49.85	12.97	62.82	74.00	-11.18	peak
2	2484.7905	48.05	12.98	61.03	74.00	-12.97	peak
3	2537.9147	40.77	13.42	54.19	74.00	-19.81	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	35.17	12.97	48.14	54.00	-5.86	average
2	2484.7905	33.01	12.98	45.99	54.00	-8.01	average
3	2537.9147	30.16	13.42	43.58	54.00	-10.42	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

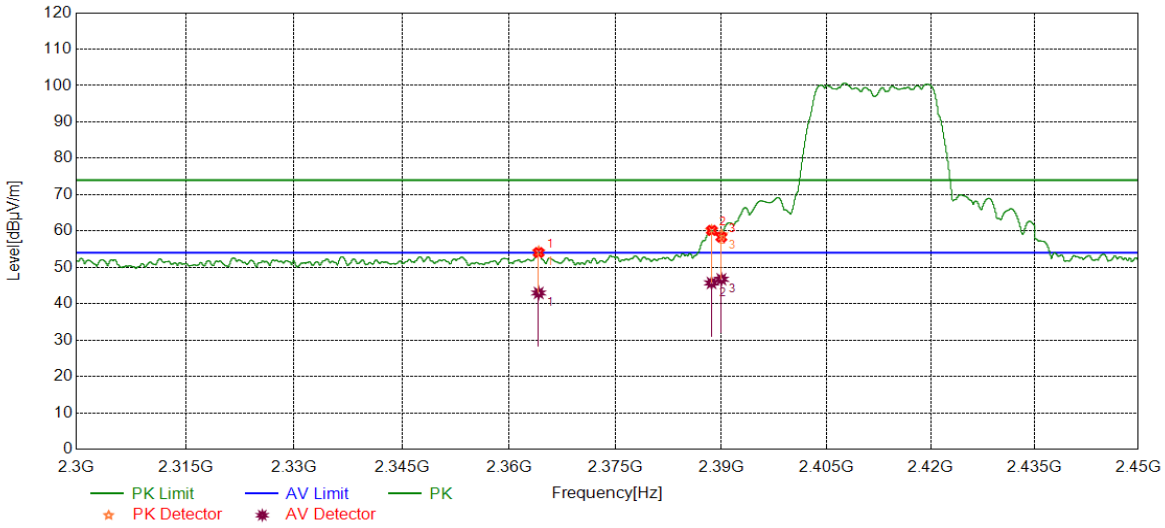


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2374.7093	41.06	12.99	54.05	74.00	-19.95	peak
2	2387.9297	45.98	13.07	59.05	74.00	-14.95	peak
3	2390.0000	46.01	13.07	59.08	74.00	-14.92	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2374.7093	30.31	12.99	43.30	54.00	-10.70	average
2	2387.9297	32.33	13.07	45.40	54.00	-8.60	average
3	2390.0000	31.68	13.07	44.75	54.00	-9.25	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

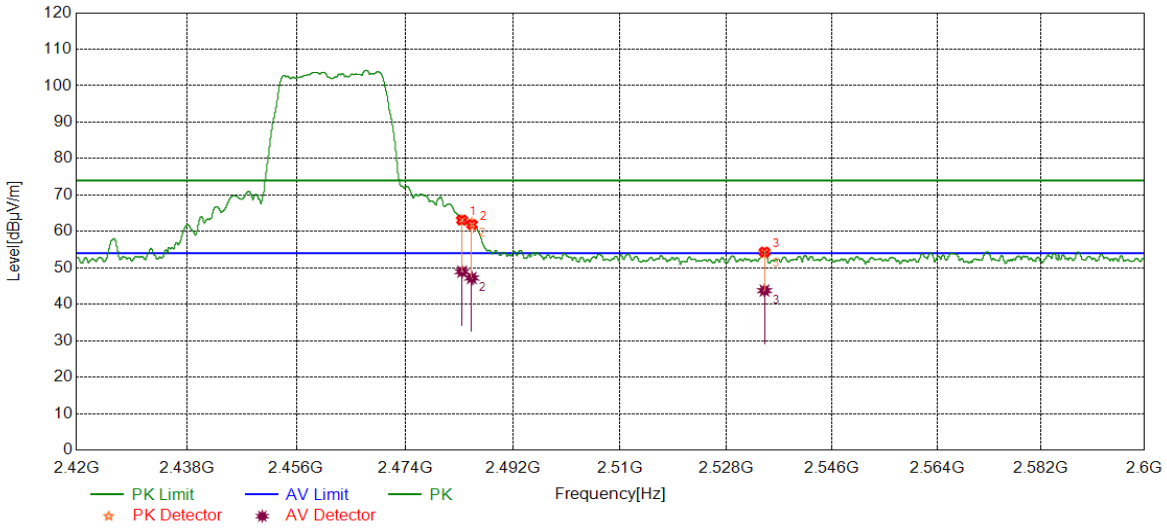


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2364.1518	41.45	12.84	54.29	74.00	-19.71	peak
2	2388.6012	47.09	13.07	60.16	74.00	-13.84	peak
3	2390.0000	45.87	13.07	58.94	74.00	-15.06	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2364.1518	30.12	12.84	42.96	54.00	-11.04	average
2	2388.6012	32.64	13.07	45.71	54.00	-8.29	average
3	2390.0000	33.67	13.07	46.74	54.00	-7.26	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 HT20	HCH	Horizontal	PASS

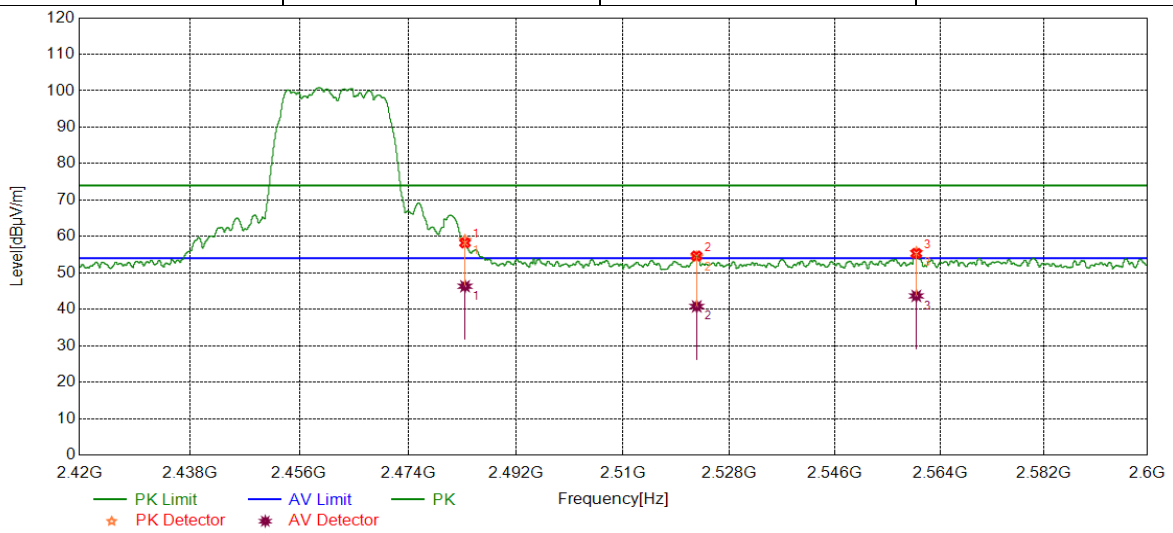


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	50.04	12.97	63.01	74.00	-10.99	peak
2	2485.1182	49.22	12.97	62.19	74.00	-11.81	peak
3	2534.4718	40.67	13.42	54.09	74.00	-19.91	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	35.98	12.97	48.95	54.00	-5.05	average
2	2485.1182	34.25	12.97	47.22	54.00	-6.78	average
3	2534.4718	30.35	13.42	43.77	54.00	-10.23	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

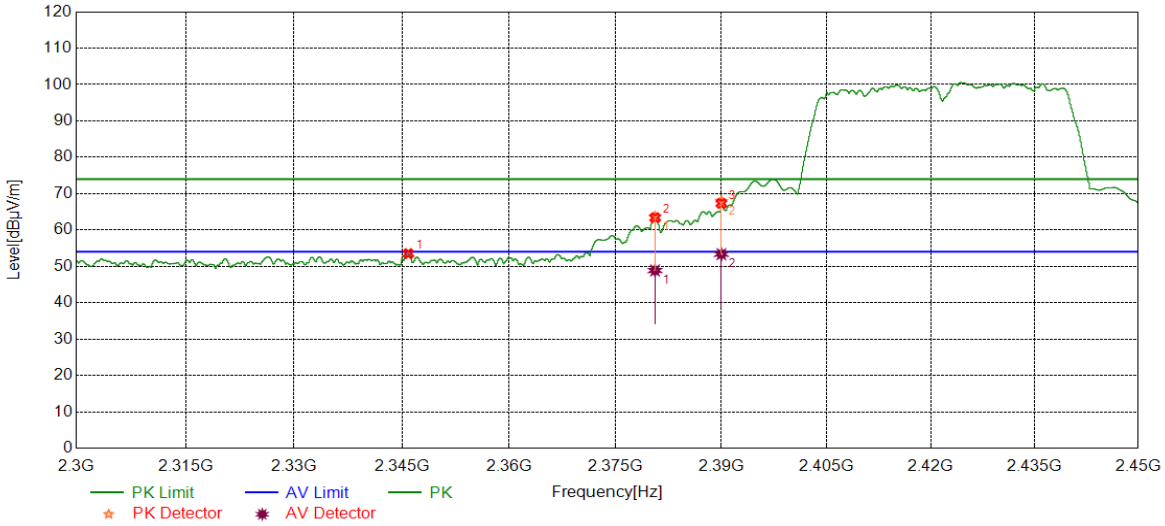


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	45.96	12.97	58.93	74.00	-15.07	peak
2	2522.4527	41.12	13.27	54.39	74.00	-19.61	peak
3	2559.9225	42.2	13.41	55.61	74.00	-18.39	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	33.35	12.97	46.32	54.00	-7.68	average
2	2522.4527	27.52	13.27	40.79	54.00	-13.21	average
3	2559.9225	30.26	13.41	43.67	54.00	-10.33	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

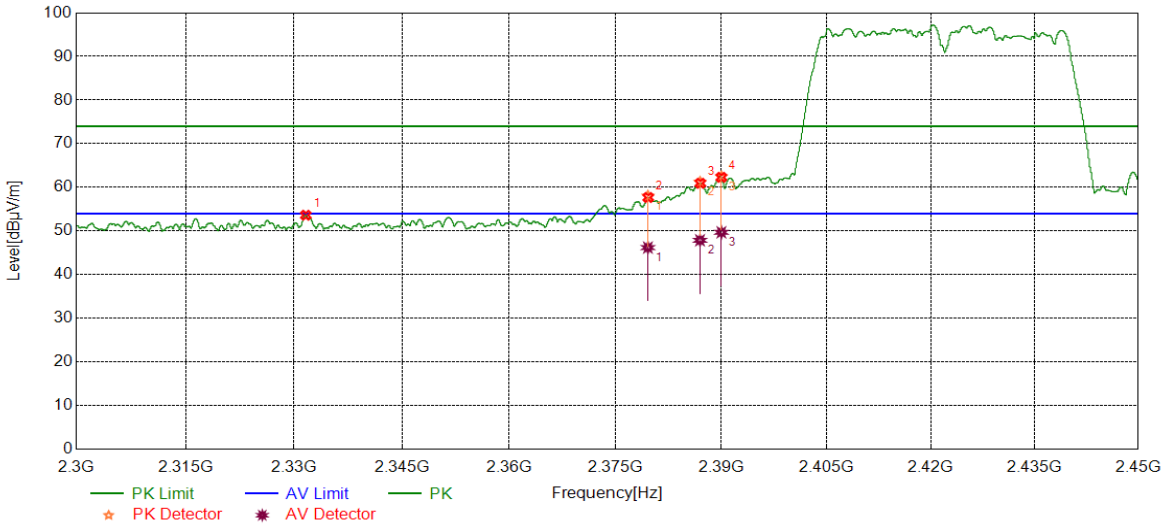


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2345.8870	40.85	12.65	53.50	74.00	-20.50	peak
2	2380.5786	50.49	13.07	63.56	74.00	-10.44	peak
3	2390.0000	54.87	13.07	67.94	74.00	-6.06	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2380.5786	35.80	13.07	48.87	54.00	-5.13	average
2	2390.0000	40.28	13.07	53.35	54.00	-0.65	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

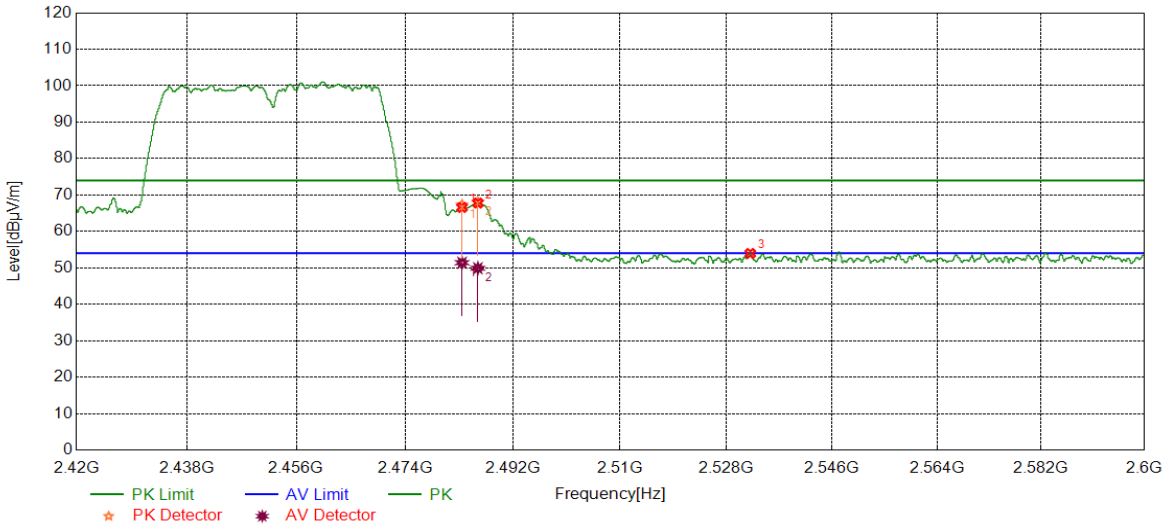


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2331.6165	41.13	12.49	53.62	74.00	-20.38	peak
2	2379.5732	44.95	13.06	58.01	74.00	-15.99	peak
3	2386.9616	48.13	13.07	61.20	74.00	-12.80	peak
4	2390.0000	49.37	13.07	62.44	74.00	-11.56	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2379.5732	33.14	13.06	46.20	54.00	-7.80	average
2	2386.9616	34.80	13.07	47.87	54.00	-6.13	average
3	2390.0000	36.63	13.07	49.70	54.00	-4.30	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

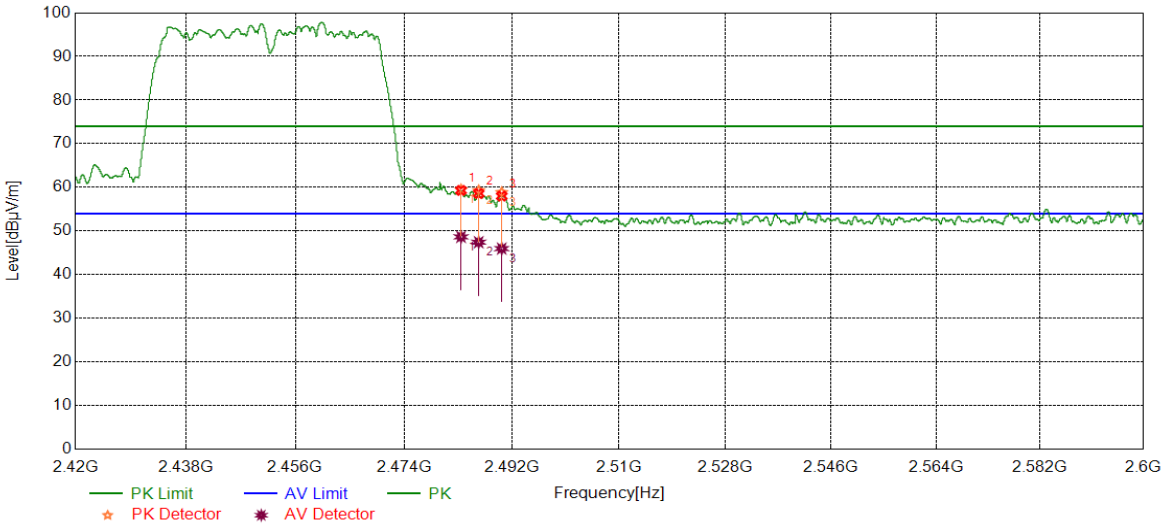


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	54.28	12.97	67.25	74.00	-6.75	peak
2	2486.1469	55.04	12.98	68.02	74.00	-5.98	peak
3	2532.0415	40.54	13.42	53.96	74.00	-20.04	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	38.45	12.97	51.42	54.00	-2.58	average
2	2486.1469	36.92	12.98	49.90	54.00	-4.10	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	46.51	12.97	59.48	74.00	-14.52	peak
2	2486.4470	46.28	12.98	59.26	74.00	-14.74	peak
3	2490.2950	45.82	13.00	58.82	74.00	-15.18	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	35.68	12.97	48.65	54.00	-5.35	average
2	2486.4470	34.45	12.98	47.43	54.00	-6.57	average
3	2490.2950	32.97	13.00	45.97	54.00	-8.03	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.

7.7.3. SPURIOUS EMISSIONS

Test Result Table:

1) For 1GHz~3GHz

Environment Parameter	Selected Values During Tests
Relative Humidity	54.5%
Atmospheric Pressure:	102.5kPa
Temperature	20.6°C

Test Mode	Channel	Puw(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	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

2) For 3GHz~18GHz

Environment Parameter	Selected Values During Tests
Relative Humidity	54.5%
Atmospheric Pressure:	102.5kPa
Temperature	20.6°C

Test Mode	Channel	Puw(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	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

3) For 18GHz~26.5GHz

Environment Parameter	Selected Values During Tests
Relative Humidity	65.7%
Atmospheric Pressure:	102.0kPa
Temperature	20.7°C

Test Mode	Channel	Puw(dBm)	Verdict
11B	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

Environment Parameter	Selected Values During Tests
Relative Humidity	65.7%
Atmospheric Pressure:	102.0kPa
Temperature	20.7°C

Test Mode	Channel	Puw(dBm)	Verdict
11B	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

Environment Parameter	Selected Values During Tests
Relative Humidity	65.7%
Atmospheric Pressure:	102.0kPa
Temperature	20.7°C

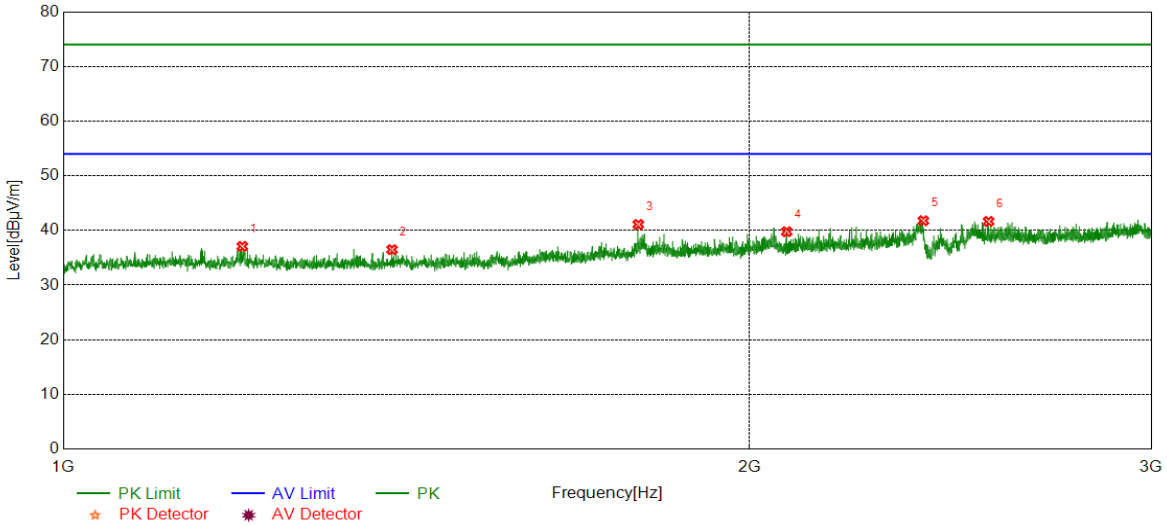
Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<Limit	PASS

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

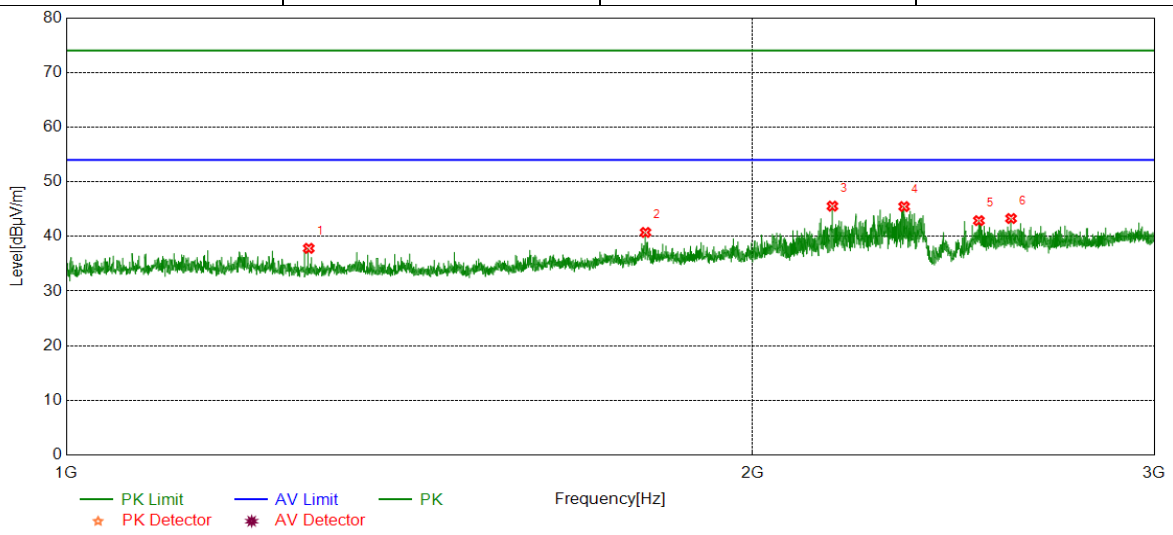
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.2500	42.64	-5.56	37.08	74.00	-36.92	peak
2	1393.7500	42.22	-5.73	36.49	74.00	-37.51	peak
3	1787.2500	44.89	-3.80	41.09	74.00	-32.91	peak
4	2076.2500	42.52	-2.75	39.77	74.00	-34.23	peak
5	2383.5000	42.84	-1.06	41.78	74.00	-32.22	peak
6	2545.7500	42.62	-0.97	41.65	74.00	-32.35	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 7.2.
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.

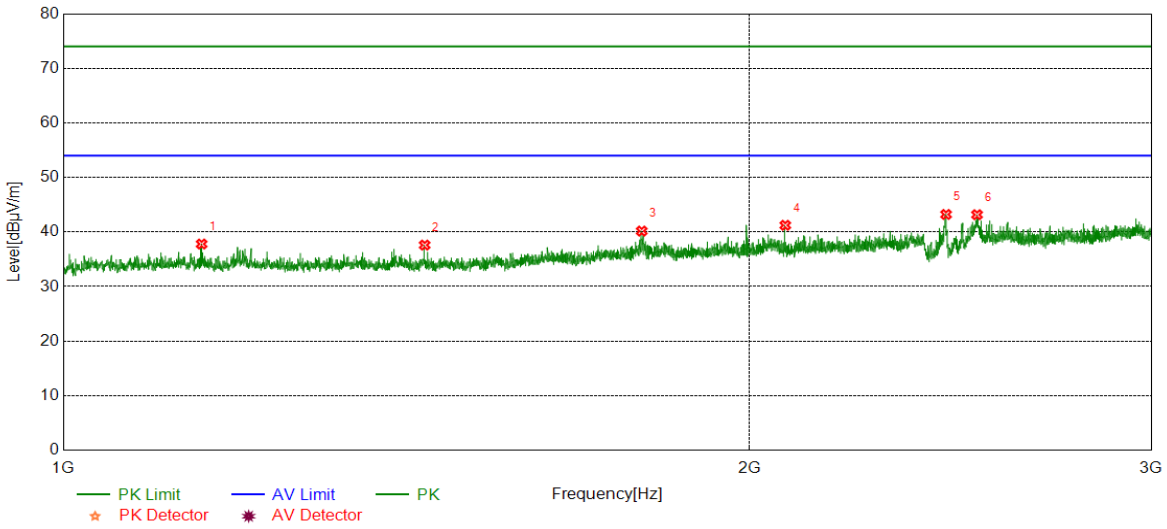
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1277.5000	43.39	-5.57	37.82	74.00	-36.18	peak
2	1795.0000	44.52	-3.79	40.73	74.00	-33.27	peak
3	2167.7500	47.91	-2.37	45.54	74.00	-28.46	peak
4	2330.5000	47.28	-1.82	45.46	74.00	-28.54	peak
5	2513.2500	43.26	-0.37	42.89	74.00	-31.11	peak
6	2596.2500	44.02	-0.74	43.28	74.00	-30.72	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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.

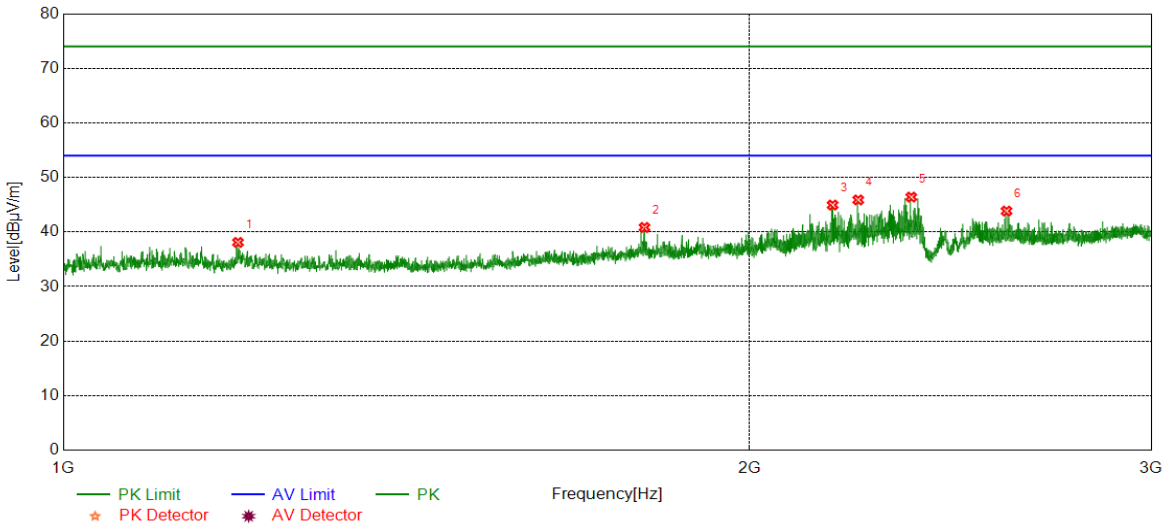
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1150.0000	43.41	-5.61	37.80	74.00	-36.20	peak
2	1440.5000	43.39	-5.79	37.60	74.00	-36.40	peak
3	1793.5000	43.94	-3.77	40.17	74.00	-33.83	peak
4	2073.2500	44.01	-2.78	41.23	74.00	-32.77	peak
5	2438.7500	43.99	-0.77	43.22	74.00	-30.78	peak
6	2516.2500	43.52	-0.35	43.17	74.00	-30.83	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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.

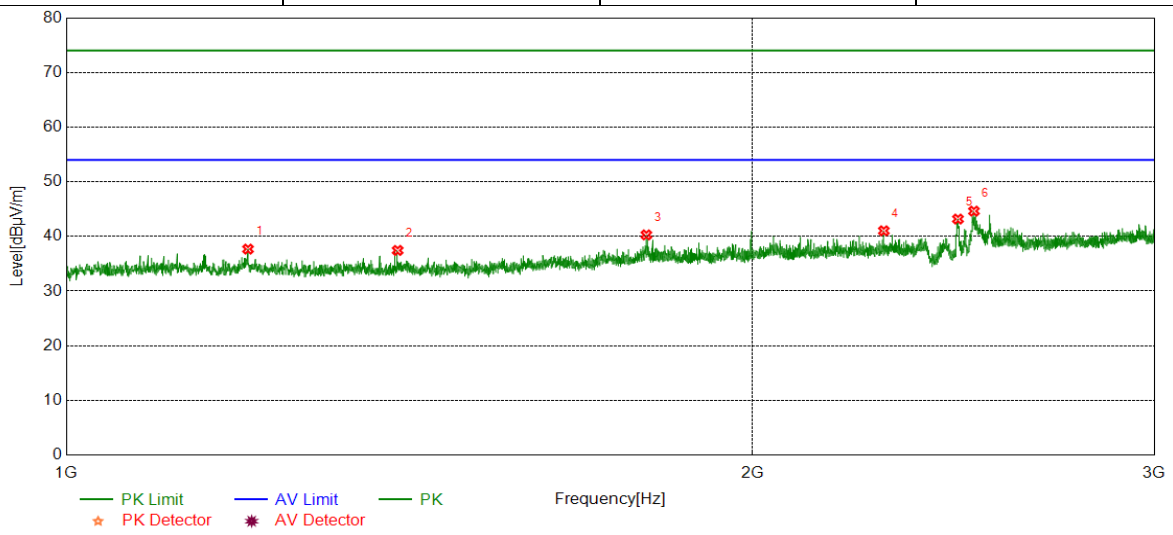
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1193.0000	43.66	-5.57	38.09	74.00	-35.91	peak
2	1798.5000	44.66	-3.83	40.83	74.00	-33.17	peak
3	2174.7500	47.26	-2.32	44.94	74.00	-29.06	peak
4	2231.7500	48.07	-2.19	45.88	74.00	-28.12	peak
5	2354.5000	47.86	-1.46	46.40	74.00	-27.60	peak
6	2592.2500	44.60	-0.76	43.84	74.00	-30.16	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 7.2.
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.

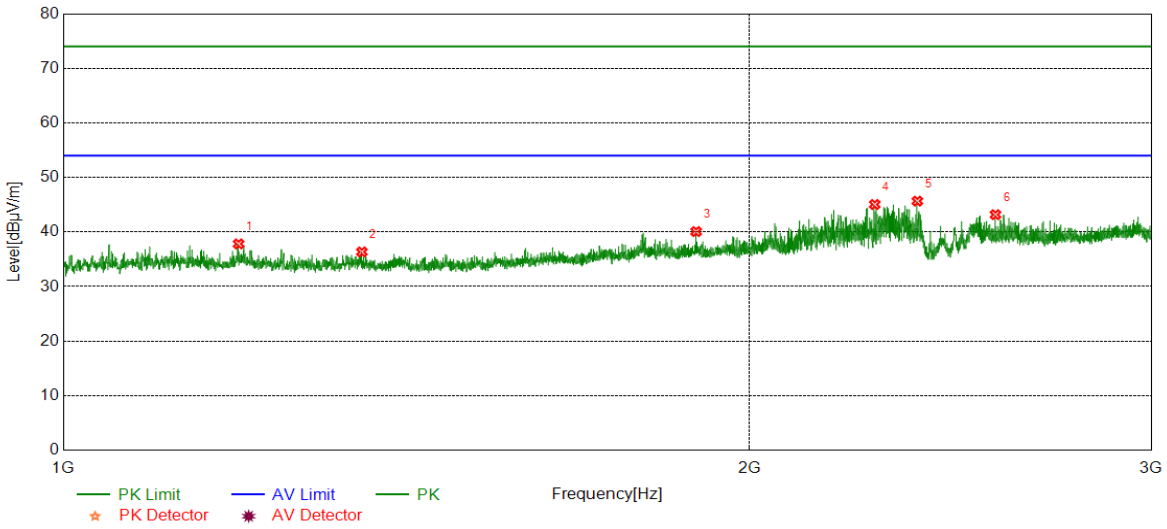
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1201.5000	43.20	-5.52	37.68	74.00	-36.32	peak
2	1397.5000	43.13	-5.69	37.44	74.00	-36.56	peak
3	1796.5000	44.09	-3.81	40.28	74.00	-33.72	peak
4	2283.2500	42.97	-1.94	41.03	74.00	-32.97	peak
5	2460.7500	43.84	-0.66	43.18	74.00	-30.82	peak
6	2500.7500	45.08	-0.45	44.63	74.00	-29.37	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 7.2.
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.

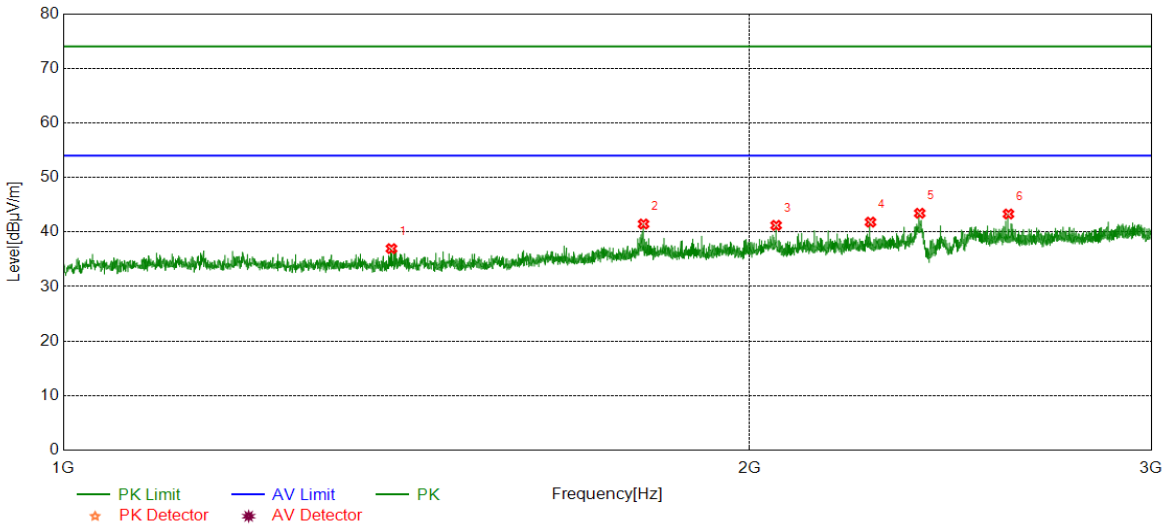
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1193.7500	43.39	-5.57	37.82	74.00	-36.18	peak
2	1352.0000	41.75	-5.40	36.35	74.00	-37.65	peak
3	1894.7500	43.51	-3.43	40.08	74.00	-33.92	peak
4	2269.2500	47.15	-2.10	45.05	74.00	-28.95	peak
5	2369.0000	46.80	-1.14	45.66	74.00	-28.34	peak
6	2563.5000	44.09	-0.91	43.18	74.00	-30.82	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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.

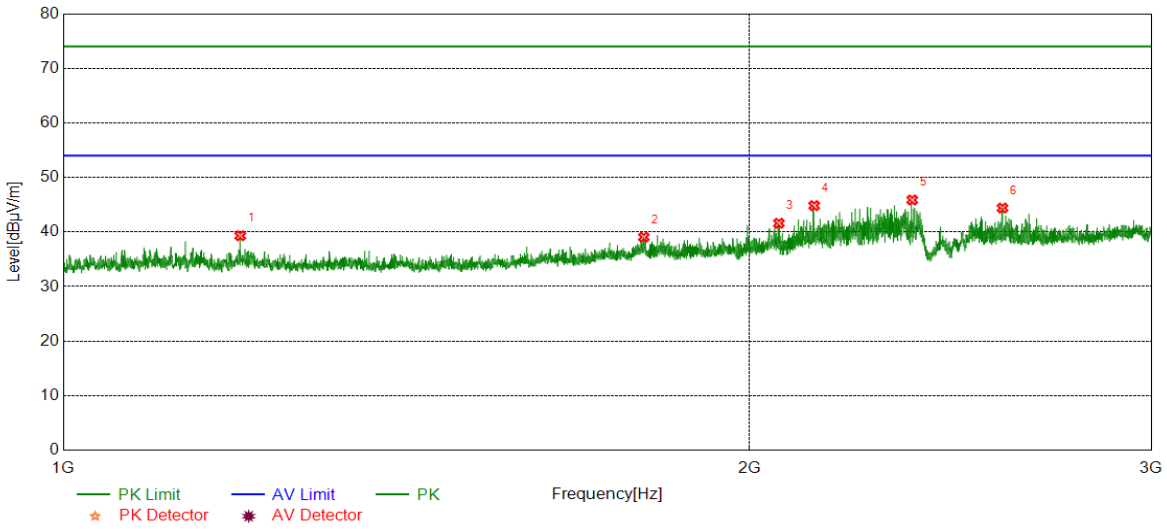
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1393.0000	42.69	-5.74	36.95	74.00	-37.05	peak
2	1796.7500	45.28	-3.81	41.47	74.00	-32.53	peak
3	2054.2500	43.71	-2.49	41.22	74.00	-32.78	peak
4	2259.5000	43.92	-2.11	41.81	74.00	-32.19	peak
5	2374.7500	44.55	-1.11	43.44	74.00	-30.56	peak
6	2597.2500	44.03	-0.73	43.30	74.00	-30.70	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 7.2.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

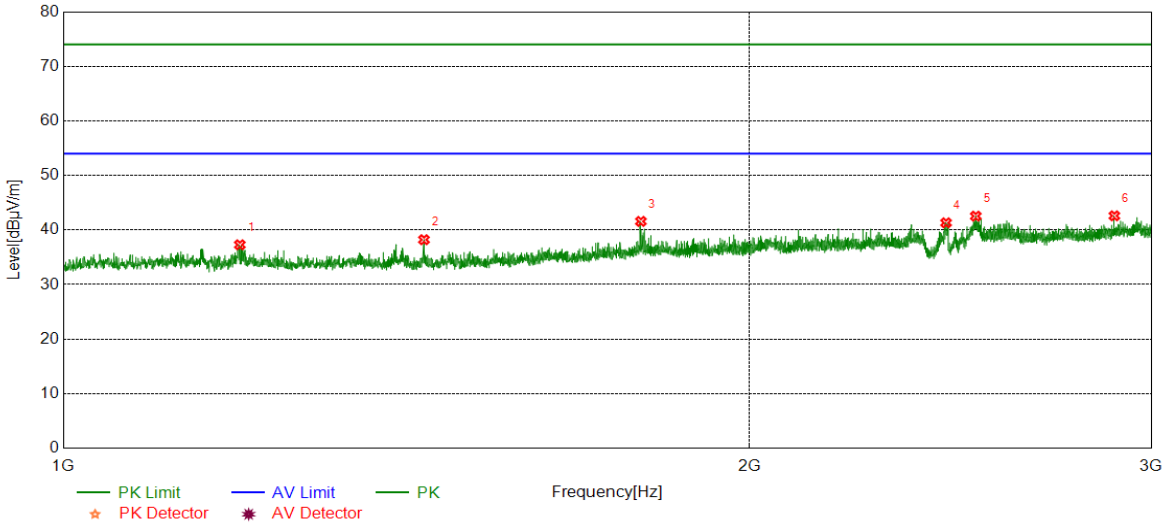
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.7500	44.87	-5.56	39.31	74.00	-34.69	peak
2	1797.2500	42.88	-3.82	39.06	74.00	-34.94	peak
3	2060.0000	44.24	-2.63	41.61	74.00	-32.39	peak
4	2134.7500	47.19	-2.36	44.83	74.00	-29.17	peak
5	2356.7500	47.22	-1.35	45.87	74.00	-28.13	peak
6	2581.7500	45.33	-0.94	44.39	74.00	-29.61	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 7.2.
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.

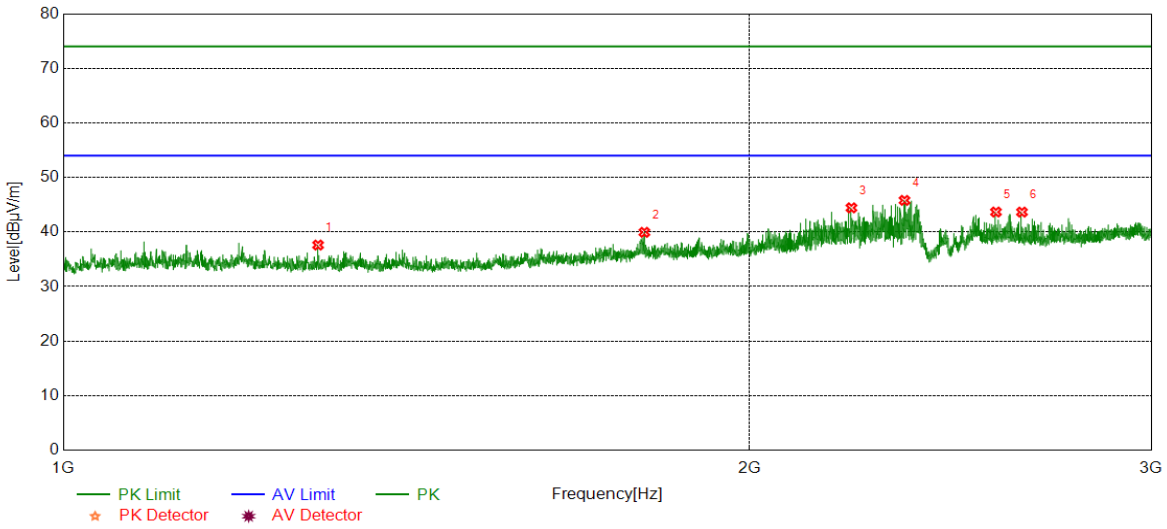
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.2500	42.86	-5.57	37.29	74.00	-36.71	peak
2	1439.5000	44.02	-5.80	38.22	74.00	-35.78	peak
3	1792.0000	45.34	-3.76	41.58	74.00	-32.42	peak
4	2438.7500	42.09	-0.77	41.32	74.00	-32.68	peak
5	2513.0000	42.91	-0.37	42.54	74.00	-31.46	peak
6	2890.5000	42.06	0.54	42.60	74.00	-31.40	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 7.2.
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.

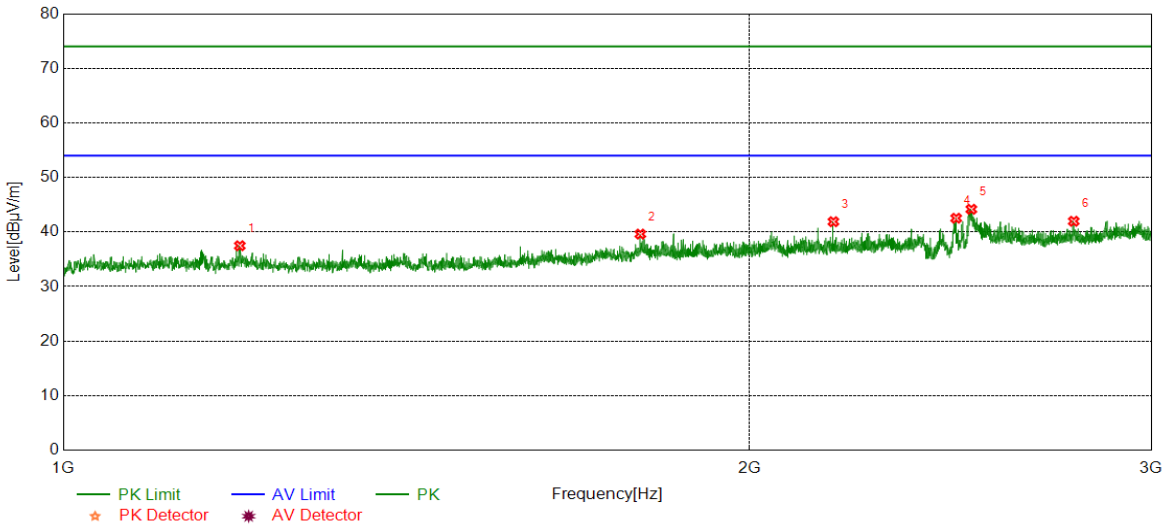
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1293.5000	43.39	-5.78	37.61	74.00	-36.39	peak
2	1798.2500	43.77	-3.83	39.94	74.00	-34.06	peak
3	2216.5000	46.69	-2.26	44.43	74.00	-29.57	peak
4	2338.5000	47.61	-1.81	45.80	74.00	-28.20	peak
5	2564.7500	44.55	-0.89	43.66	74.00	-30.34	peak
6	2633.0000	44.43	-0.78	43.65	74.00	-30.35	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 7.2.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

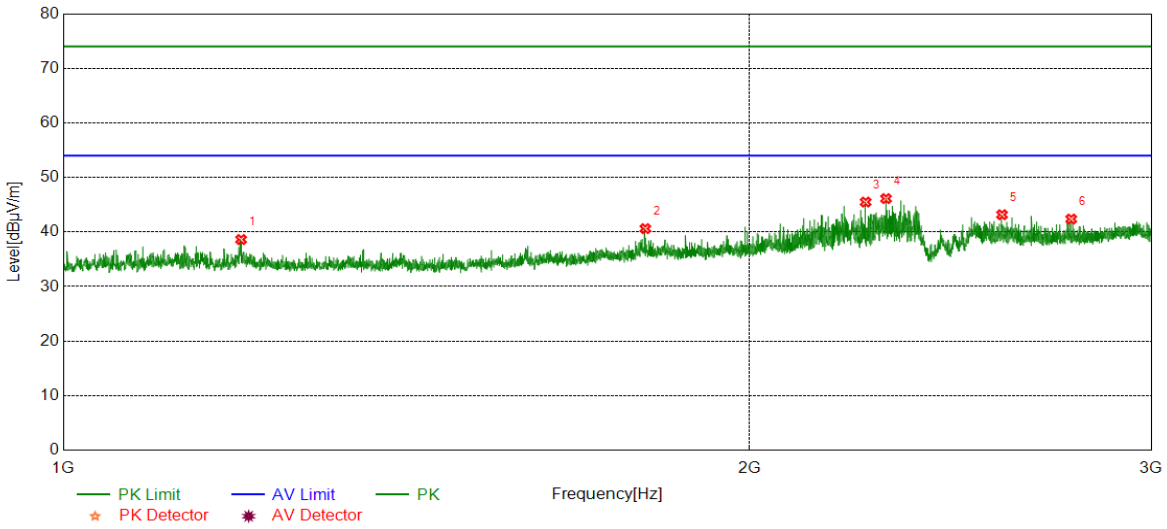
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.2500	43.05	-5.57	37.48	74.00	-36.52	peak
2	1791.0000	43.37	-3.75	39.62	74.00	-34.38	peak
3	2176.5000	44.22	-2.33	41.89	74.00	-32.11	peak
4	2463.7500	43.17	-0.64	42.53	74.00	-31.47	peak
5	2501.7500	44.61	-0.44	44.17	74.00	-29.83	peak
6	2774.2500	42.21	-0.24	41.97	74.00	-32.03	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 7.2.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

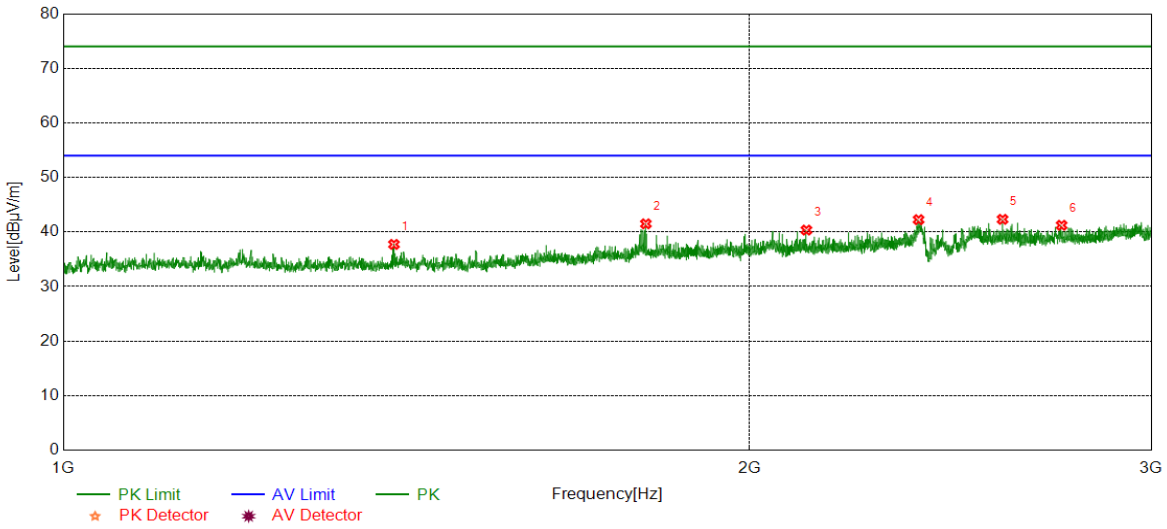
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.7500	44.18	-5.56	38.62	74.00	-35.38	peak
2	1800.0000	44.47	-3.85	40.62	74.00	-33.38	peak
3	2248.5000	47.59	-2.10	45.49	74.00	-28.51	peak
4	2295.2500	48.01	-1.89	46.12	74.00	-27.88	peak
5	2580.5000	44.14	-0.97	43.17	74.00	-30.83	peak
6	2767.2500	42.60	-0.23	42.37	74.00	-31.63	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 7.2.
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.

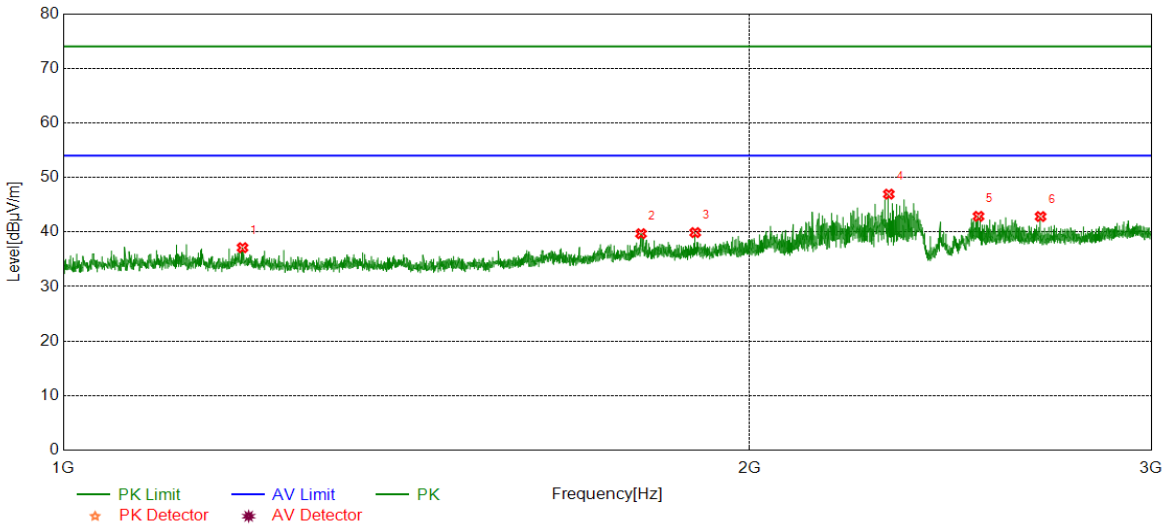
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1396.5000	43.43	-5.70	37.73	74.00	-36.27	peak
2	1801.0000	45.37	-3.87	41.50	74.00	-32.50	peak
3	2118.0000	42.78	-2.43	40.35	74.00	-33.65	peak
4	2372.0000	43.38	-1.12	42.26	74.00	-31.74	peak
5	2582.0000	43.26	-0.94	42.32	74.00	-31.68	peak
6	2740.5000	41.69	-0.46	41.23	74.00	-32.77	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 7.2.
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.

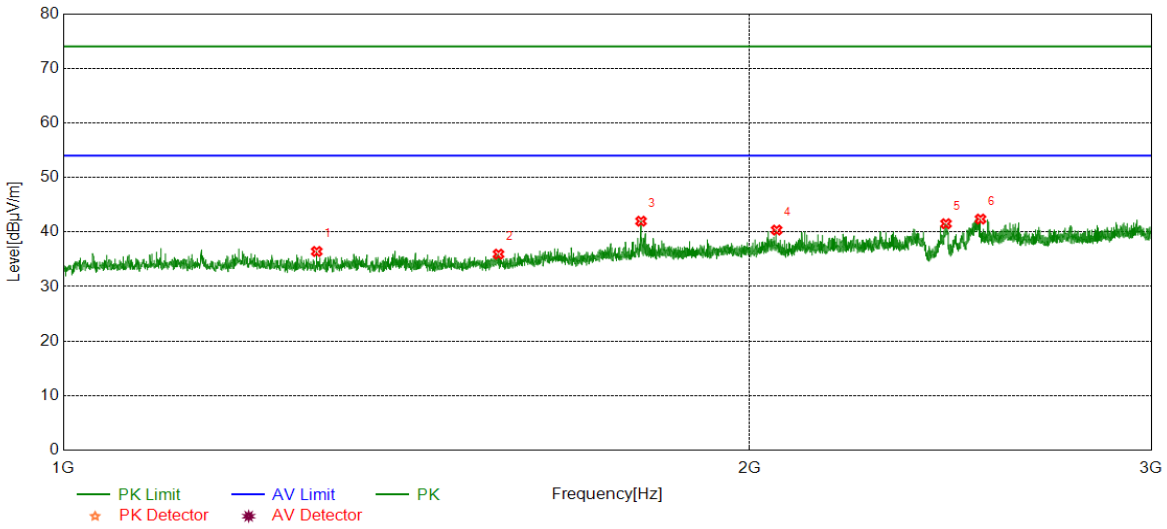
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.5000	42.68	-5.56	37.12	74.00	-36.88	peak
2	1792.2500	43.45	-3.76	39.69	74.00	-34.31	peak
3	1893.0000	43.37	-3.48	39.89	74.00	-34.11	peak
4	2301.7500	48.76	-1.82	46.94	74.00	-27.06	peak
5	2520.0000	43.19	-0.32	42.87	74.00	-31.13	peak
6	2683.0000	43.47	-0.64	42.83	74.00	-31.17	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 7.2.
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.

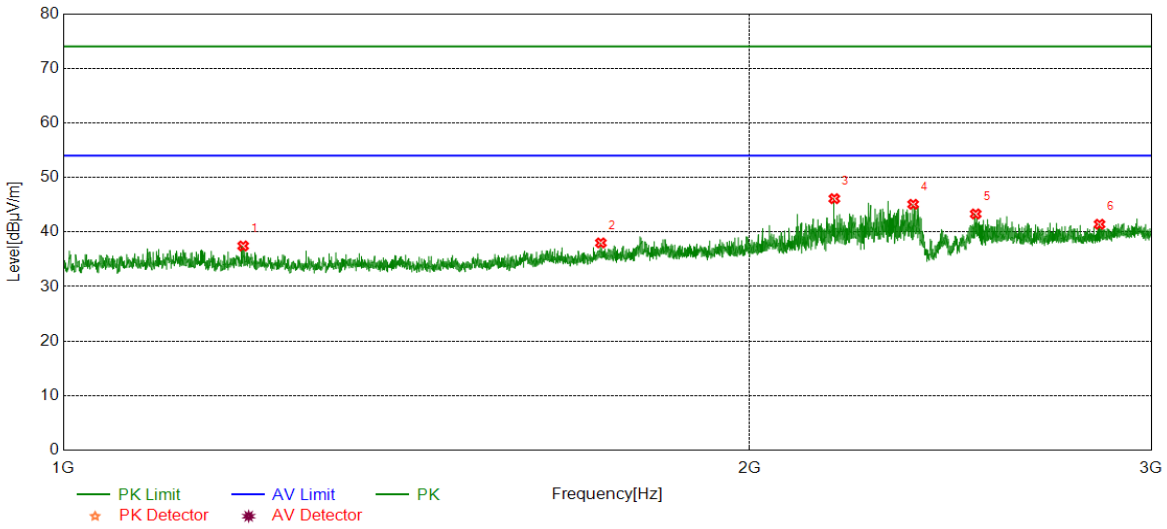
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1291.7500	42.19	-5.76	36.43	74.00	-37.57	peak
2	1552.0000	41.37	-5.43	35.94	74.00	-38.06	peak
3	1792.2500	45.74	-3.76	41.98	74.00	-32.02	peak
4	2055.2500	42.86	-2.51	40.35	74.00	-33.65	peak
5	2438.5000	42.29	-0.77	41.52	74.00	-32.48	peak
6	2525.0000	42.89	-0.52	42.37	74.00	-31.63	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 7.2.
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.

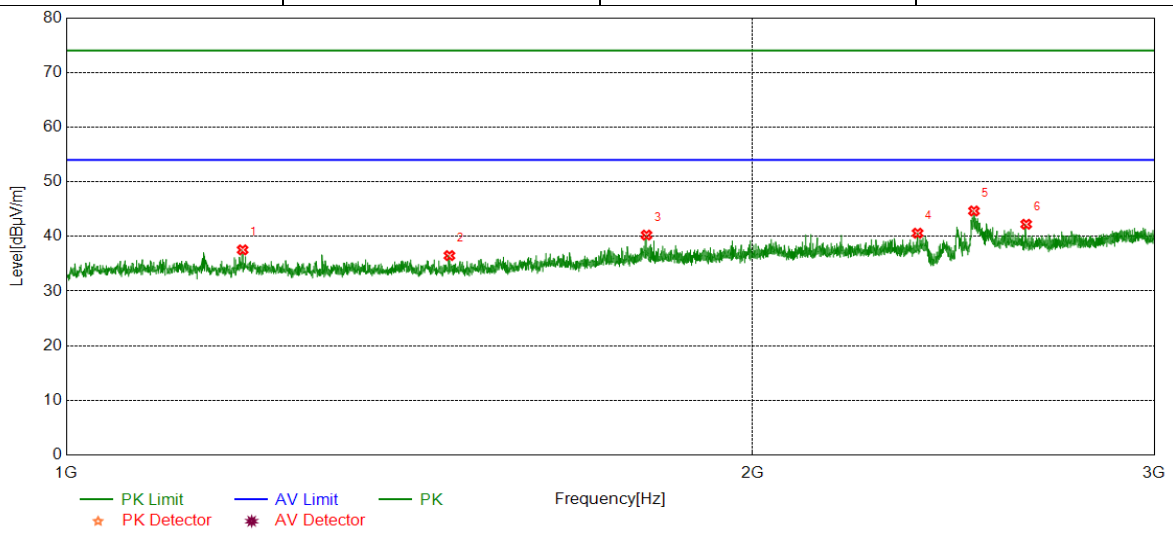
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.2500	43.00	-5.56	37.44	74.00	-36.56	peak
2	1721.0000	42.31	-4.31	38.00	74.00	-36.00	peak
3	2178.5000	48.44	-2.33	46.11	74.00	-27.89	peak
4	2359.0000	46.31	-1.23	45.08	74.00	-28.92	peak
5	2512.7500	43.68	-0.37	43.31	74.00	-30.69	peak
6	2847.5000	41.30	0.12	41.42	74.00	-32.58	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 7.2.
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.

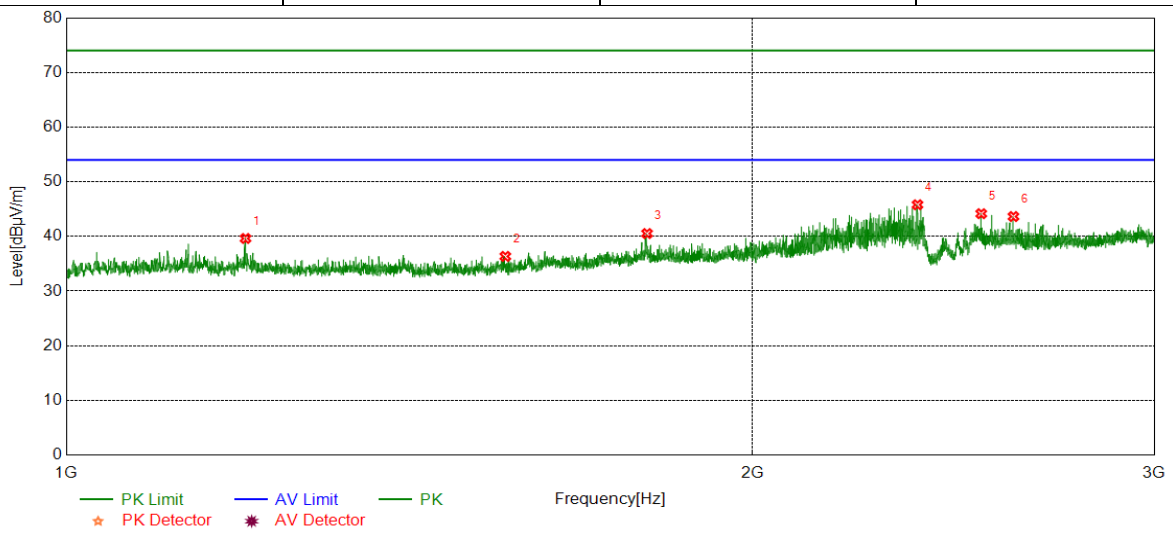
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.0000	43.11	-5.57	37.54	74.00	-36.46	peak
2	1472.5000	42.33	-5.84	36.49	74.00	-37.51	peak
3	1796.7500	44.06	-3.81	40.25	74.00	-33.75	peak
4	2362.5000	41.76	-1.17	40.59	74.00	-33.41	peak
5	2500.7500	45.11	-0.45	44.66	74.00	-29.34	peak
6	2636.2500	43.03	-0.80	42.23	74.00	-31.77	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 7.2.
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.

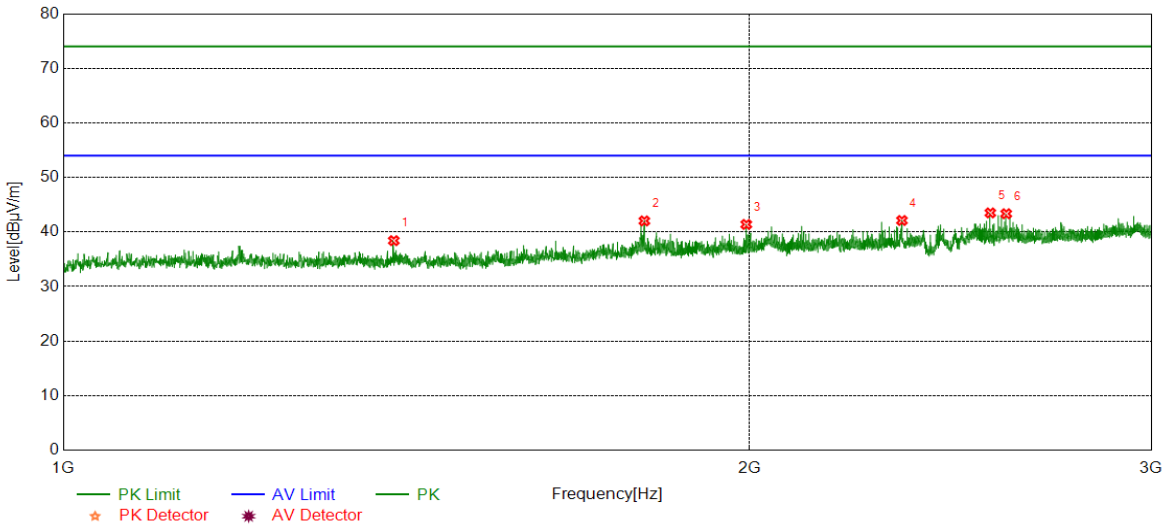
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.5000	45.19	-5.56	39.63	74.00	-34.37	peak
2	1558.0000	41.88	-5.53	36.35	74.00	-37.65	peak
3	1797.7500	44.35	-3.82	40.53	74.00	-33.47	peak
4	2362.2500	46.97	-1.17	45.80	74.00	-28.20	peak
5	2519.2500	44.49	-0.33	44.16	74.00	-29.84	peak
6	2602.5000	44.26	-0.62	43.64	74.00	-30.36	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 7.2.
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.

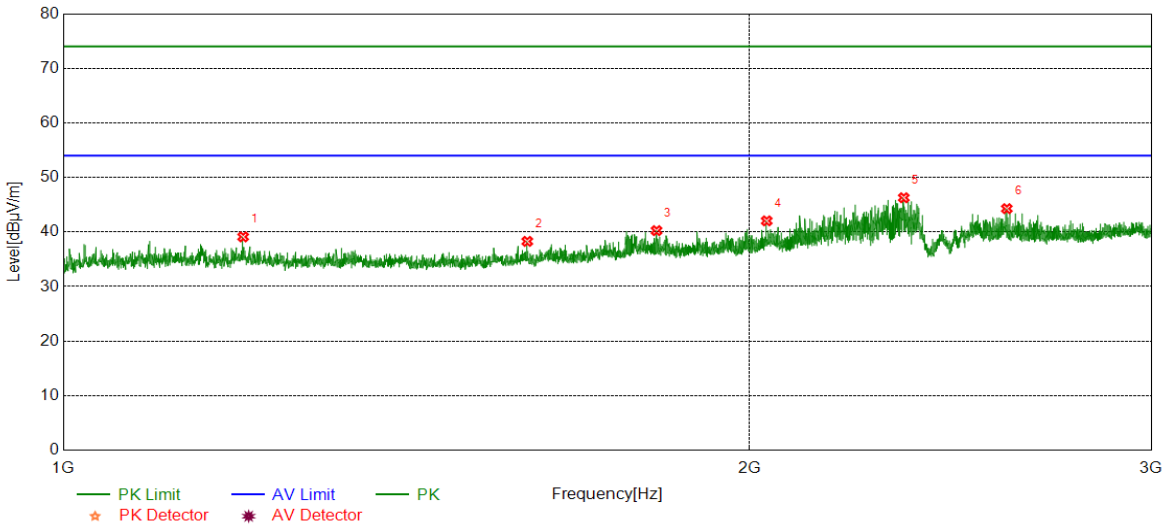
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1396.2500	44.11	-5.70	38.41	74.00	-35.59	peak
2	1798.2500	45.86	-3.83	42.03	74.00	-31.97	peak
3	1993.2500	44.45	-3.06	41.39	74.00	-32.61	peak
4	2332.5000	43.93	-1.82	42.11	74.00	-31.89	peak
5	2550.2500	44.48	-0.98	43.50	74.00	-30.50	peak
6	2591.5000	44.11	-0.76	43.35	74.00	-30.65	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 7.2.
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.

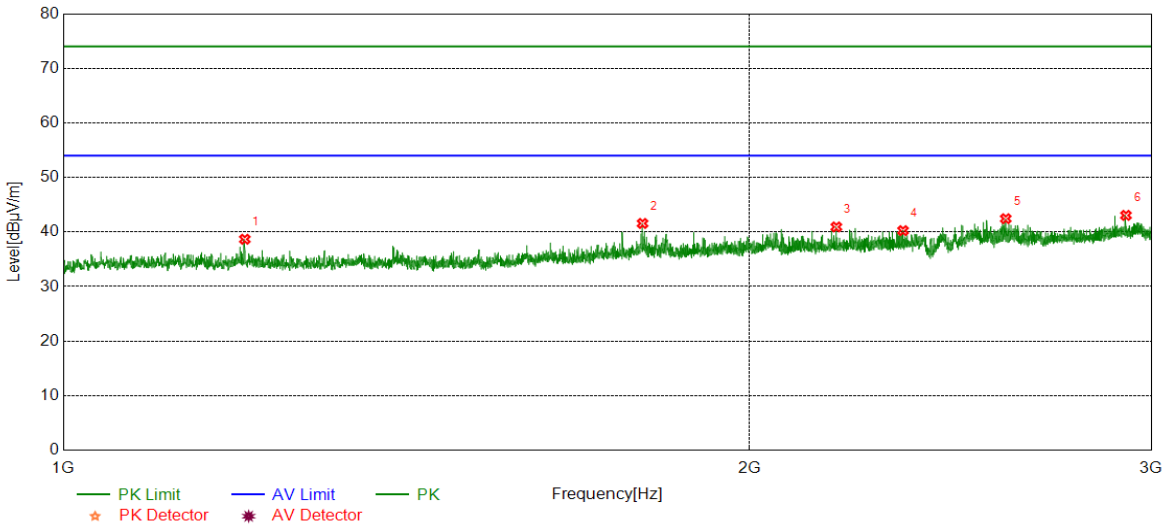
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.2500	44.67	-5.56	39.11	74.00	-34.89	peak
2	1597.7500	43.41	-5.13	38.28	74.00	-35.72	peak
3	1820.5000	44.10	-3.85	40.25	74.00	-33.75	peak
4	2034.7500	44.61	-2.57	42.04	74.00	-31.96	peak
5	2336.7500	48.10	-1.82	46.28	74.00	-27.72	peak
6	2593.0000	45.03	-0.75	44.28	74.00	-29.72	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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.

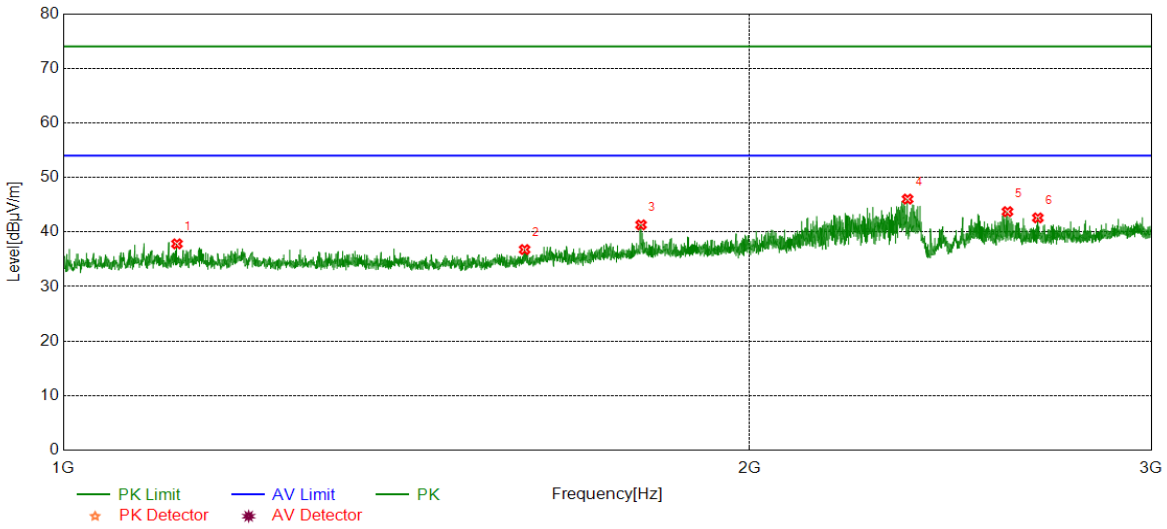
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1201.2500	44.20	-5.53	38.67	74.00	-35.33	peak
2	1795.0000	45.36	-3.79	41.57	74.00	-32.43	peak
3	2183.0000	43.26	-2.33	40.93	74.00	-33.07	peak
4	2335.0000	42.07	-1.82	40.25	74.00	-33.75	peak
5	2590.2500	43.20	-0.76	42.44	74.00	-31.56	peak
6	2924.5000	42.46	0.59	43.05	74.00	-30.95	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 7.2.
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.

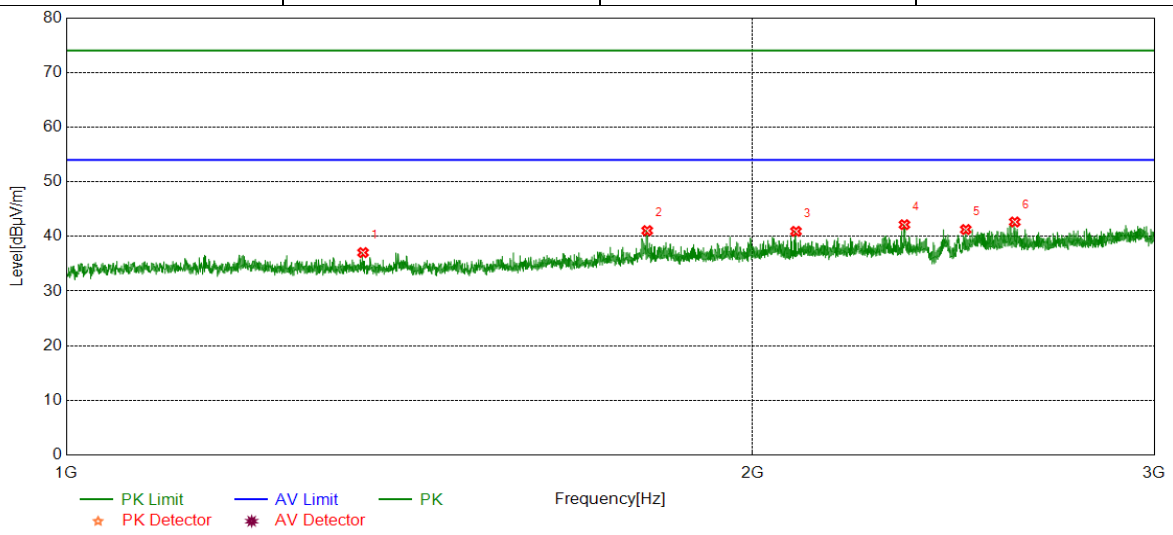
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1121.7500	43.31	-5.48	37.83	74.00	-36.17	peak
2	1593.5000	41.81	-5.03	36.78	74.00	-37.22	peak
3	1792.2500	45.07	-3.76	41.31	74.00	-32.69	peak
4	2345.7500	47.76	-1.73	46.03	74.00	-27.97	peak
5	2594.7500	44.47	-0.74	43.73	74.00	-30.27	peak
6	2675.5000	43.28	-0.69	42.59	74.00	-31.41	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 7.2.
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.

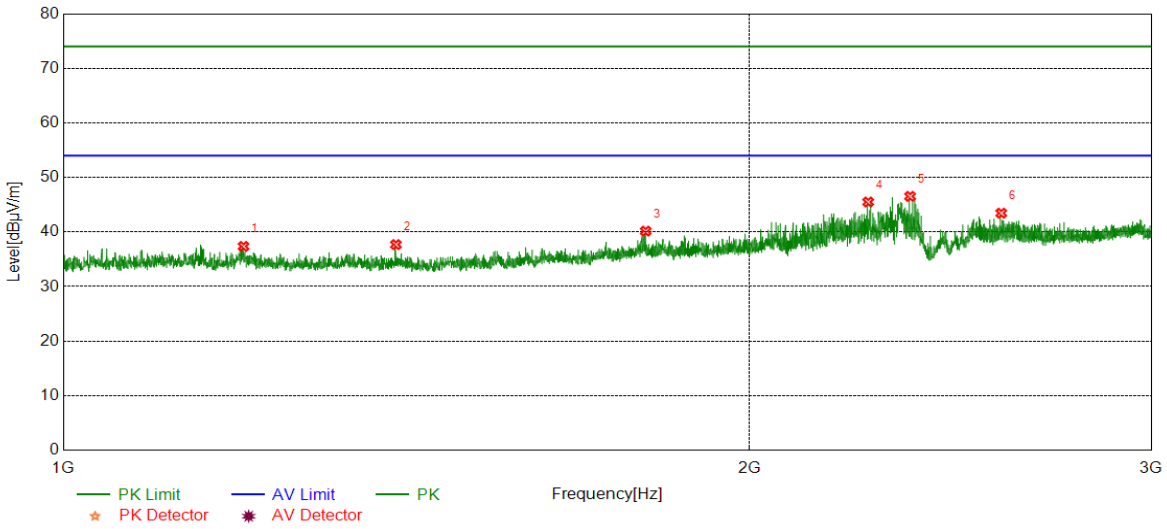
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1349.5000	42.39	-5.35	37.04	74.00	-36.96	peak
2	1798.0000	44.88	-3.82	41.06	74.00	-32.94	peak
3	2089.5000	43.52	-2.59	40.93	74.00	-33.07	peak
4	2331.2500	43.97	-1.82	42.15	74.00	-31.85	peak
5	2480.2500	41.82	-0.56	41.26	74.00	-32.74	peak
6	2606.0000	43.12	-0.47	42.65	74.00	-31.35	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 7.2.
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



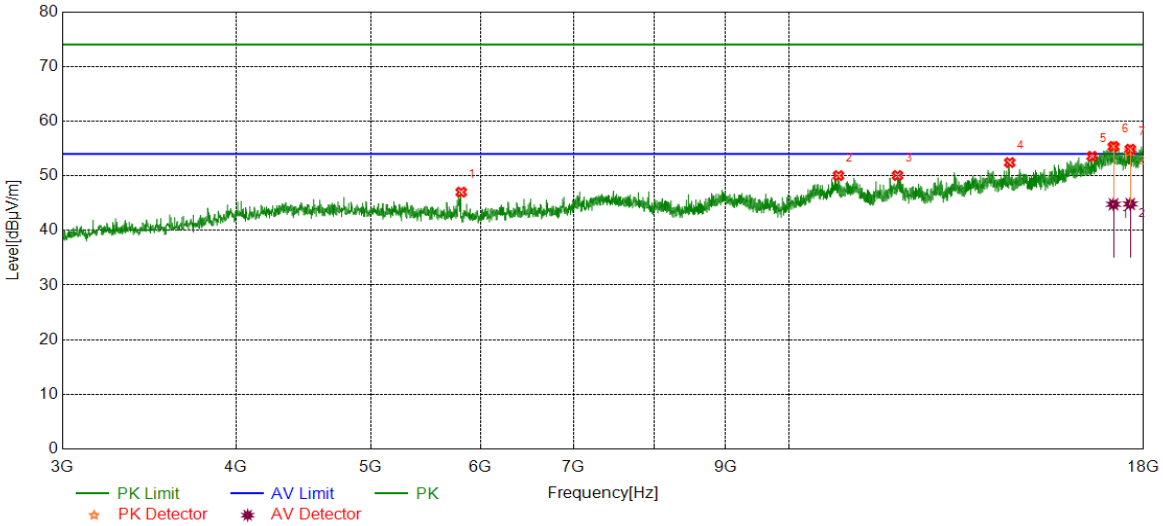
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.7500	42.92	-5.56	37.36	74.00	-36.64	peak
2	1399.2500	43.35	-5.66	37.69	74.00	-36.31	peak
3	1800.7500	44.02	-3.86	40.16	74.00	-33.84	peak
4	2254.2500	47.59	-2.09	45.50	74.00	-28.50	peak
5	2351.7500	48.12	-1.59	46.53	74.00	-27.47	peak
6	2578.5000	44.40	-0.95	43.45	74.00	-30.55	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 7.2.
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

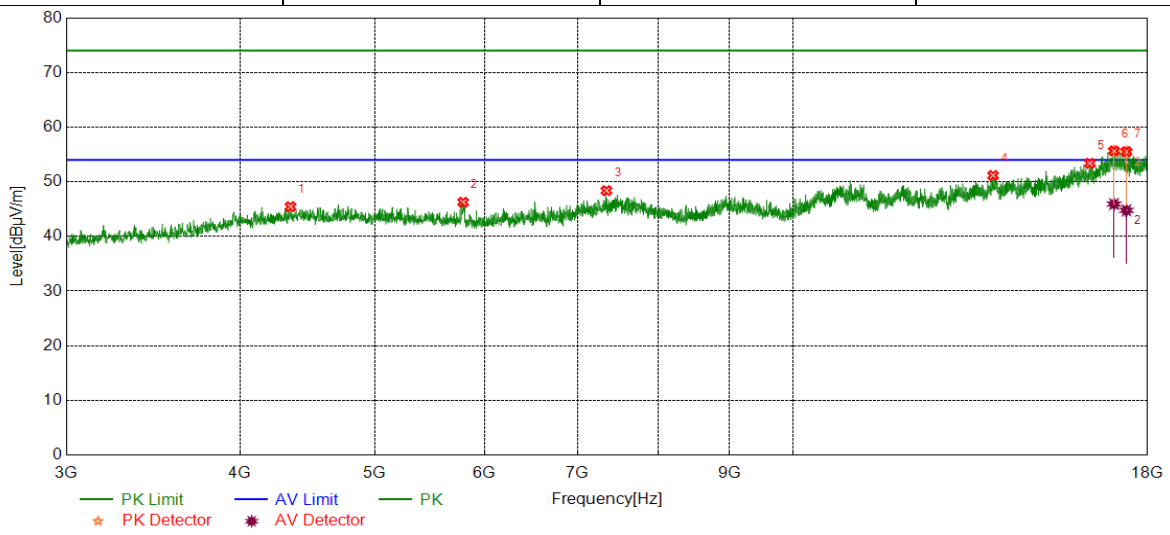


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5810.9764	41.68	5.32	47.00	74.00	-27.00	peak
2	10857.2322	37.79	12.24	50.03	74.00	-23.97	peak
3	11972.9966	37.46	12.59	50.05	74.00	-23.95	peak
4	14418.3023	38.71	13.71	52.42	74.00	-21.58	peak
5	16527.9410	36.68	16.88	53.56	74.00	-20.44	peak
6	17124.2655	37.31	17.98	55.29	74.00	-18.71	peak
7	17606.2008	36.86	17.71	54.57	74.00	-19.43	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17124.2655	26.80	17.98	44.78	54.00	-9.22	average
2	17606.2008	27.13	17.71	44.84	54.00	-9.16	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 7.2.
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

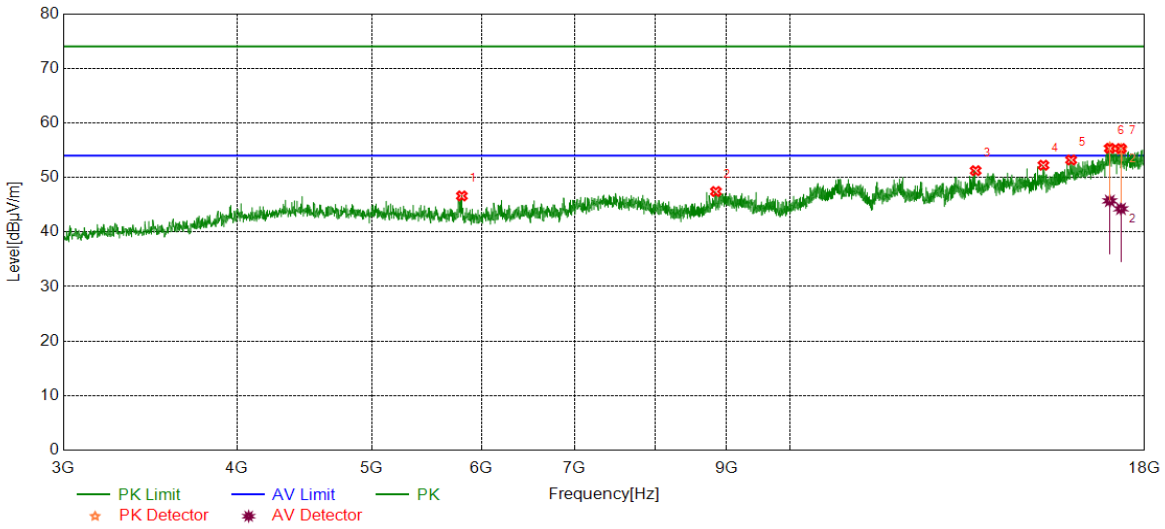


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4350.1688	40.18	5.26	45.44	74.00	-28.56	peak
2	5790.3488	41.03	5.23	46.26	74.00	-27.74	peak
3	7343.0429	39.84	8.54	48.38	74.00	-25.62	peak
4	13934.4918	36.72	14.43	51.15	74.00	-22.85	peak
5	16359.1699	36.63	16.75	53.38	74.00	-20.62	peak
6	17024.8781	36.95	18.68	55.63	74.00	-18.37	peak
7	17379.2974	36.88	18.60	55.48	74.00	-18.52	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17024.8781	27.24	18.68	45.92	54.00	-8.08	average
2	17379.2974	26.17	18.60	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 7.2.
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

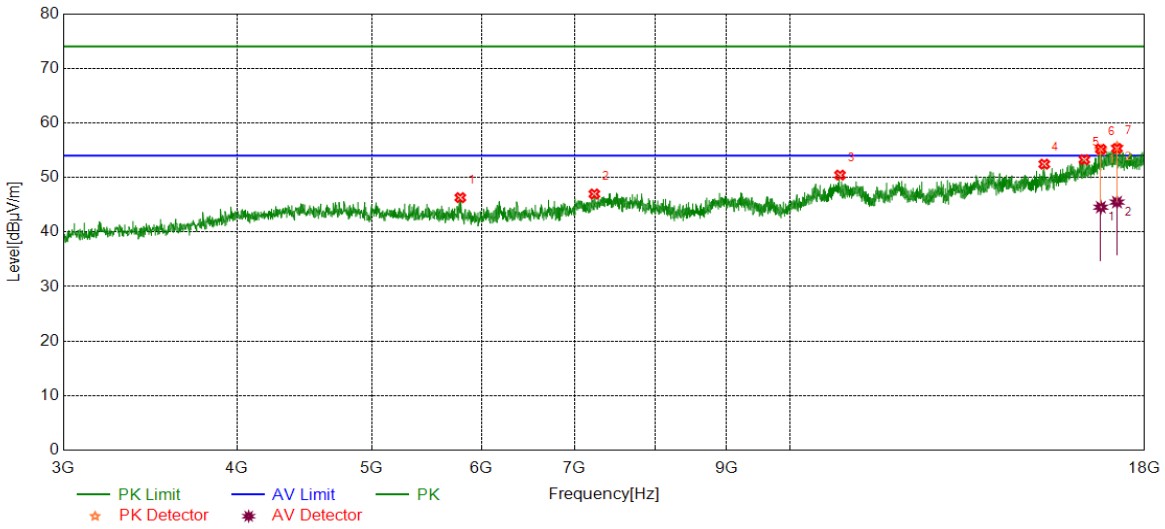


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5807.2259	41.25	5.36	46.61	74.00	-27.39	peak
2	8846.9809	39.15	8.27	47.42	74.00	-26.58	peak
3	13604.4506	38.32	12.92	51.24	74.00	-22.76	peak
4	15220.9026	38.09	14.15	52.24	74.00	-21.76	peak
5	15935.3669	37.28	15.92	53.20	74.00	-20.80	peak
6	16991.1239	36.67	18.76	55.43	74.00	-18.57	peak
7	17308.0385	37.65	17.53	55.18	74.00	-18.82	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16991.1239	26.95	18.76	45.71	54.00	-8.29	average
2	17308.0385	26.72	17.53	44.25	54.00	-9.75	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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

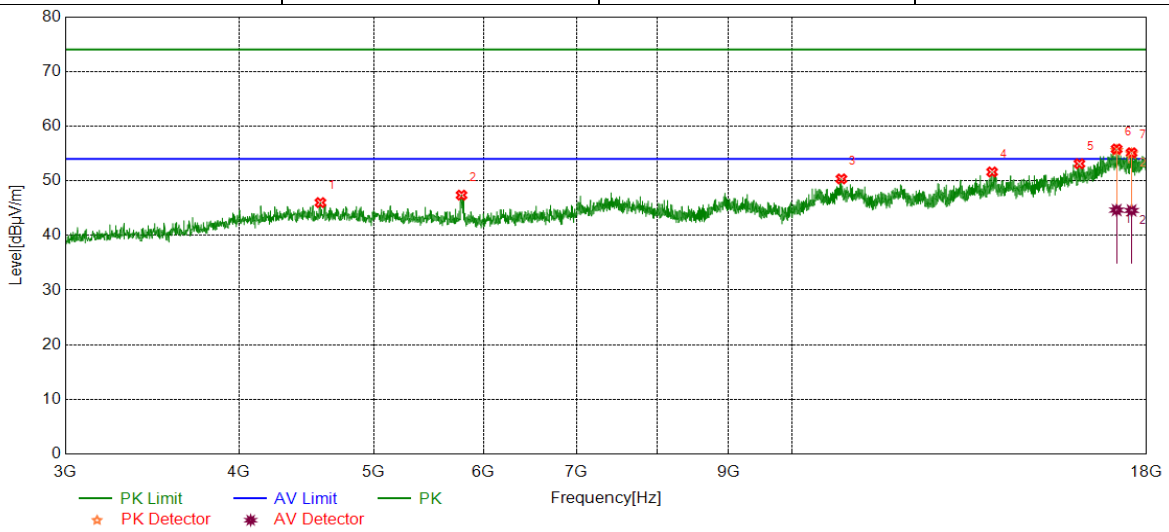


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5792.2240	41.03	5.27	46.30	74.00	-27.70	peak
2	7232.4041	38.44	8.53	46.97	74.00	-27.03	peak
3	10866.6083	38.27	12.16	50.43	74.00	-23.57	peak
4	15243.4054	37.54	14.90	52.44	74.00	-21.56	peak
5	16289.7862	37.76	15.50	53.26	74.00	-20.74	peak
6	16739.8425	37.96	17.00	54.96	74.00	-19.04	peak
7	17195.5244	37.28	18.28	55.56	74.00	-18.44	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16739.8425	27.55	17.00	44.55	54.00	-9.45	average
2	17195.5244	27.20	18.28	45.48	54.00	-8.52	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 7.2.
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

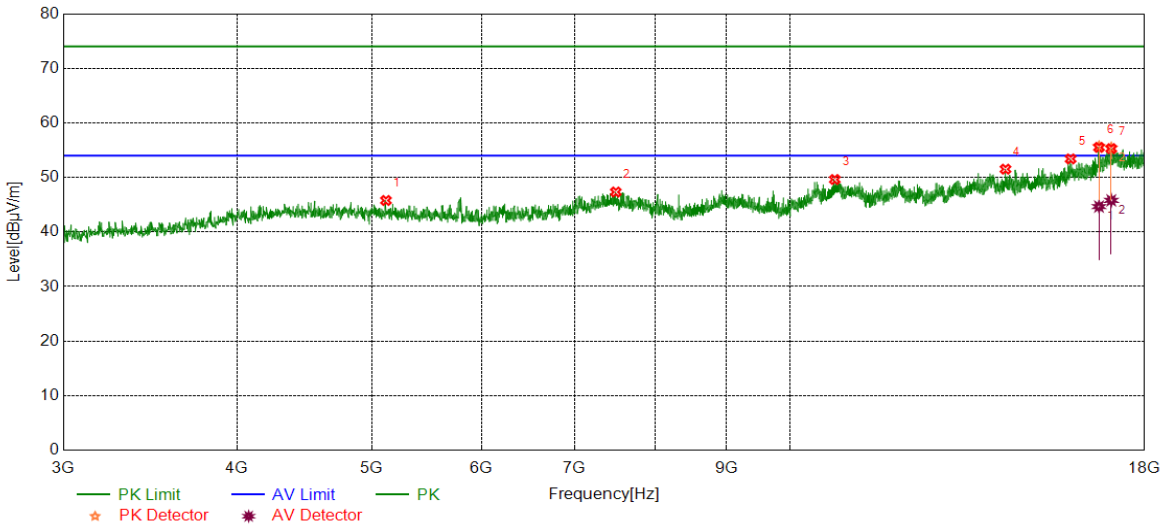


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4578.9474	40.57	5.43	46.00	74.00	-28.00	peak
2	5784.7231	42.11	5.26	47.37	74.00	-26.63	peak
3	10855.3569	38.05	12.29	50.34	74.00	-23.66	peak
4	13934.4918	37.18	14.43	51.61	74.00	-22.39	peak
5	16104.1380	37.65	15.47	53.12	74.00	-20.88	peak
6	17128.0160	37.6	17.97	55.57	74.00	-18.43	peak
7	17557.4447	37.02	17.94	54.96	74.00	-19.04	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17128.0160	26.67	17.97	44.64	54.00	-9.36	average
2	17557.4447	26.63	17.94	44.57	54.00	-9.43	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 7.2.
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

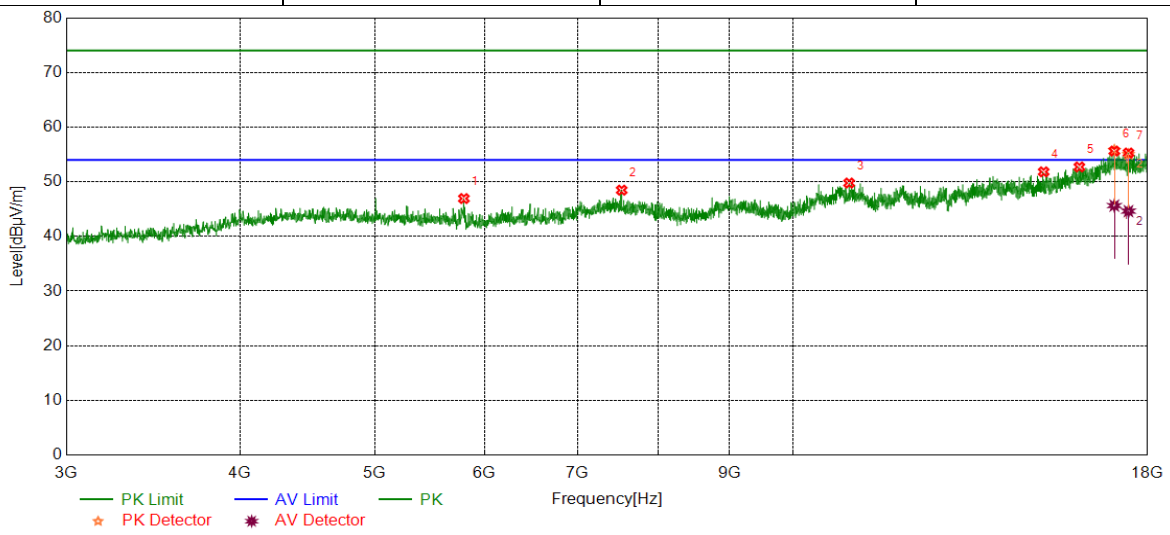


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5120.8901	40.20	5.58	45.78	74.00	-28.22	peak
2	7494.9369	38.74	8.59	47.33	74.00	-26.67	peak
3	10772.8466	37.36	12.26	49.62	74.00	-24.38	peak
4	14294.5368	37.64	13.88	51.52	74.00	-22.48	peak
5	15924.1155	37.63	15.77	53.40	74.00	-20.60	peak
6	16689.2112	37.5	18.17	55.67	74.00	-18.33	peak
7	17032.3790	36.41	19.00	55.41	74.00	-18.59	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16689.2112	26.49	18.17	44.66	54.00	-9.34	average
2	17032.3790	26.80	19.00	45.80	54.00	-8.20	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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

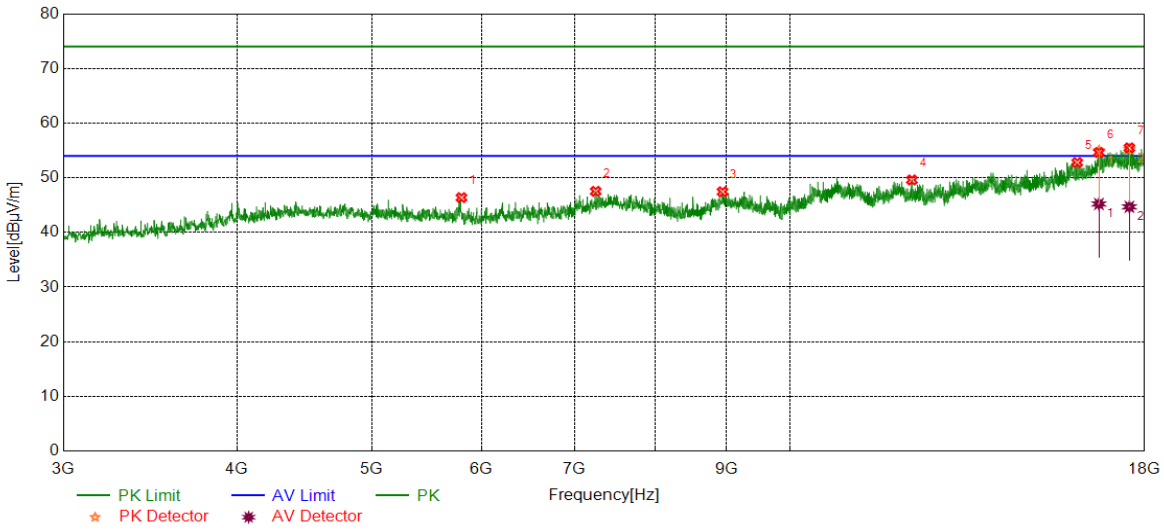


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5797.8497	41.54	5.39	46.93	74.00	-27.07	peak
2	7530.5663	39.72	8.75	48.47	74.00	-25.53	peak
3	10977.2472	37.49	12.28	49.77	74.00	-24.23	peak
4	15151.5189	38.08	13.74	51.82	74.00	-22.18	peak
5	16076.0095	36.94	15.77	52.71	74.00	-21.29	peak
6	17034.2543	36.81	18.97	55.78	74.00	-18.22	peak
7	17437.4297	37.13	17.88	55.01	74.00	-18.99	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17034.2543	26.67	18.97	45.64	54.00	-8.36	average
2	17437.4297	26.75	17.88	44.63	54.00	-9.37	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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

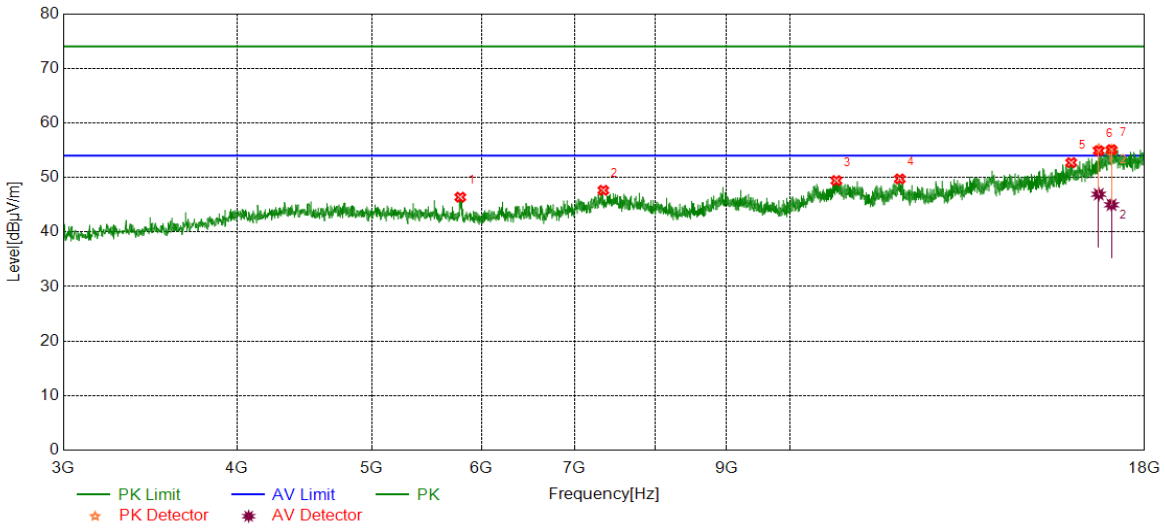


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5803.4754	40.97	5.40	46.37	74.00	-27.63	peak
2	7249.2812	38.82	8.70	47.52	74.00	-26.48	peak
3	8944.4931	38.50	8.94	47.44	74.00	-26.56	peak
4	12241.1551	37.83	11.77	49.60	74.00	-24.40	peak
5	16098.5123	37.27	15.51	52.78	74.00	-21.22	peak
6	16687.3359	36.81	18.10	54.91	74.00	-19.09	peak
7	17551.8190	37.2	18.05	55.25	74.00	-18.75	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16687.3359	27.11	18.10	45.21	54.00	-8.79	average
2	17551.8190	26.63	18.05	44.68	54.00	-9.32	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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

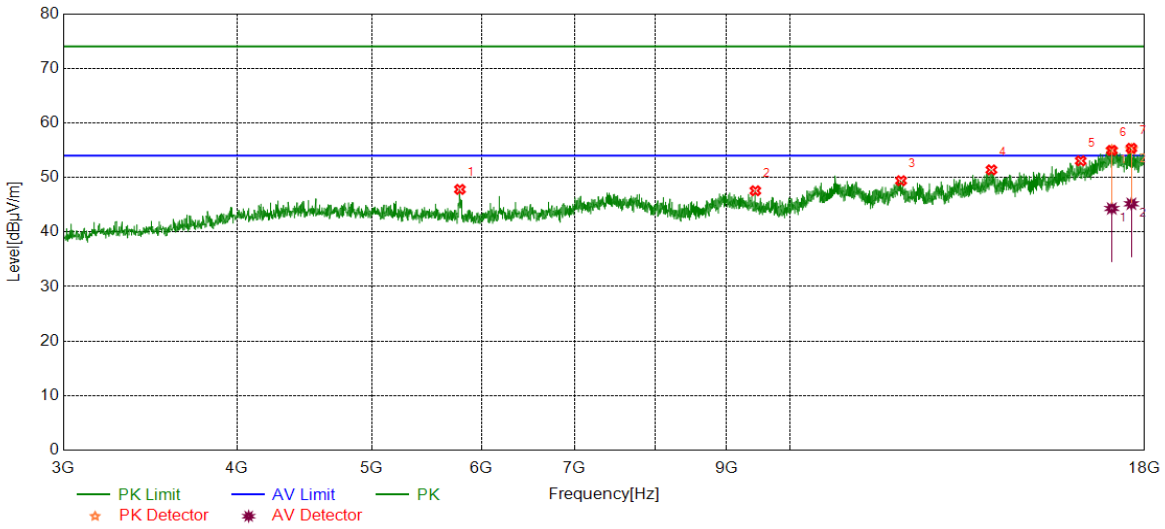


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5792.2240	41.11	5.27	46.38	74.00	-27.62	peak
2	7341.1676	39.08	8.56	47.64	74.00	-26.36	peak
3	10800.9751	37.37	12.06	49.43	74.00	-24.57	peak
4	11997.3747	36.78	12.95	49.73	74.00	-24.27	peak
5	15939.1174	36.75	15.96	52.71	74.00	-21.29	peak
6	16681.7102	37.29	17.86	55.15	74.00	-18.85	peak
7	17039.8800	36.14	18.89	55.03	74.00	-18.97	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16681.7102	29.06	17.86	46.92	54.00	-7.08	average
2	17039.8800	26.09	18.89	44.98	54.00	-9.02	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 7.2.
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

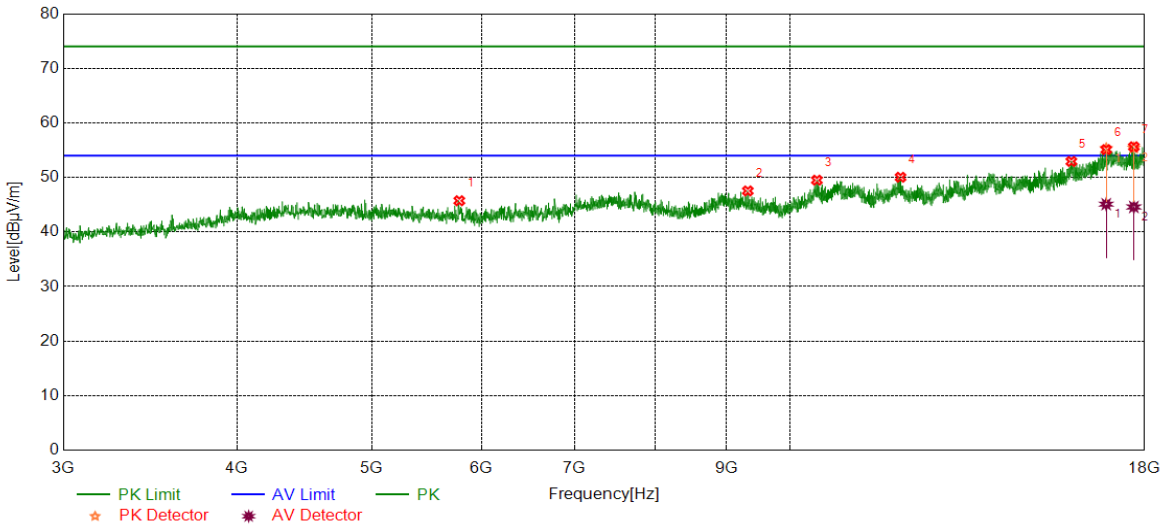


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5788.4736	42.58	5.23	47.81	74.00	-26.19	peak
2	9445.1806	39.02	8.54	47.56	74.00	-26.44	peak
3	12023.6280	36.71	12.69	49.40	74.00	-24.60	peak
4	13964.4956	37.53	13.86	51.39	74.00	-22.61	peak
5	16192.2740	36.47	16.57	53.04	74.00	-20.96	peak
6	17047.3809	36.35	18.63	54.98	74.00	-19.02	peak
7	17609.9512	37.28	17.87	55.15	74.00	-18.85	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17047.3809	25.68	18.63	44.31	54.00	-9.69	average
2	17609.9512	27.30	17.87	45.17	54.00	-8.83	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 7.2.
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

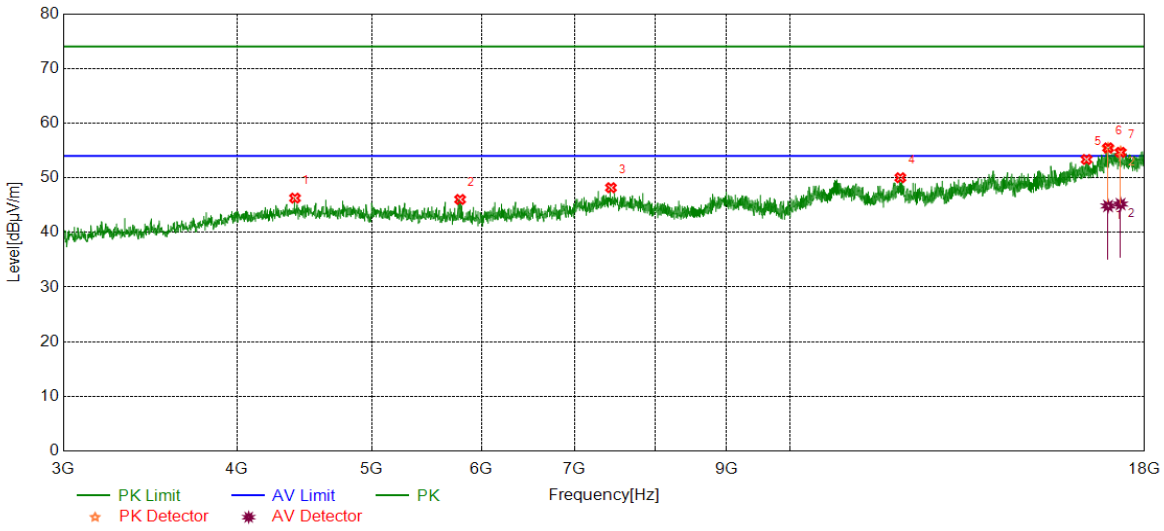


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5782.8479	40.46	5.27	45.73	74.00	-28.27	peak
2	9327.0409	38.91	8.62	47.53	74.00	-26.47	peak
3	10457.8072	38.15	11.35	49.50	74.00	-24.50	peak
4	12012.3765	37.34	12.70	50.04	74.00	-23.96	peak
5	15942.8679	36.93	16.00	52.93	74.00	-21.07	peak
6	16889.8612	37.51	17.79	55.30	74.00	-18.70	peak
7	17681.2102	37.43	17.97	55.40	74.00	-18.60	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16889.8612	27.31	17.79	45.10	54.00	-8.90	average
2	17681.2102	26.62	17.97	44.59	54.00	-9.41	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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

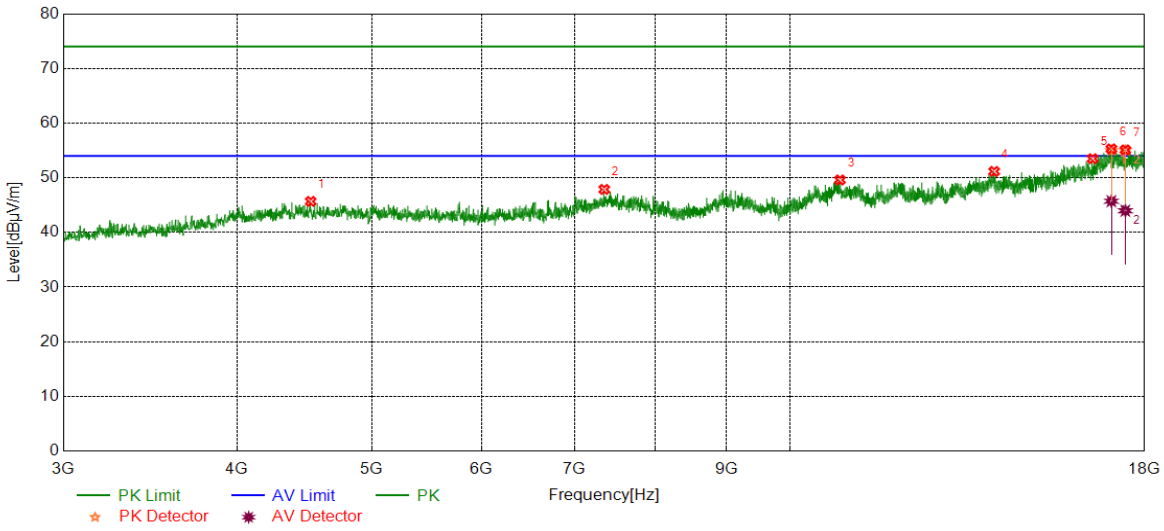


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4404.5506	41.17	5.11	46.28	74.00	-27.72	peak
2	5790.3488	40.80	5.23	46.03	74.00	-27.97	peak
3	7434.9294	39.59	8.59	48.18	74.00	-25.82	peak
4	12008.6261	37.27	12.74	50.01	74.00	-23.99	peak
5	16349.7937	36.81	16.54	53.35	74.00	-20.65	peak
6	16942.3678	36.95	18.44	55.39	74.00	-18.61	peak
7	17296.7871	36.97	17.79	54.76	74.00	-19.24	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16942.3678	26.40	18.44	44.84	54.00	-9.16	average
2	17296.7871	27.40	17.79	45.19	54.00	-8.81	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 7.2.
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

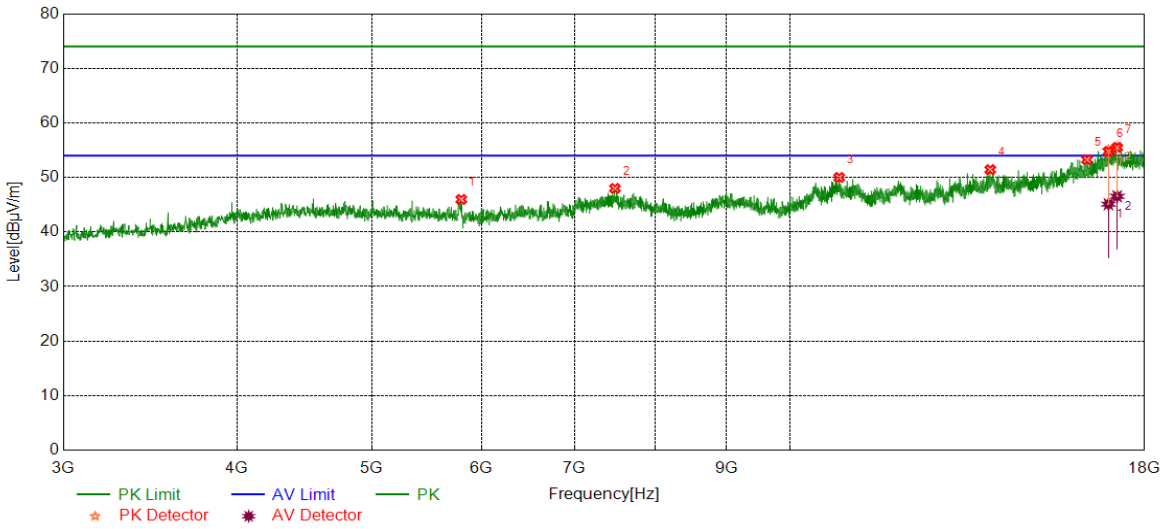


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4520.8151	40.26	5.42	45.68	74.00	-28.32	peak
2	7352.4191	39.43	8.44	47.87	74.00	-26.13	peak
3	10866.6083	37.44	12.16	49.60	74.00	-24.40	peak
4	14028.2535	36.51	14.65	51.16	74.00	-22.84	peak
5	16514.8144	36.94	16.55	53.49	74.00	-20.51	peak
6	17036.1295	36.06	18.94	55.00	74.00	-19.00	peak
7	17433.6792	37.11	17.89	55.00	74.00	-19.00	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17036.1295	26.78	18.94	45.72	54.00	-8.28	average
2	17433.6792	26.08	17.89	43.97	54.00	-10.03	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 7.2.
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

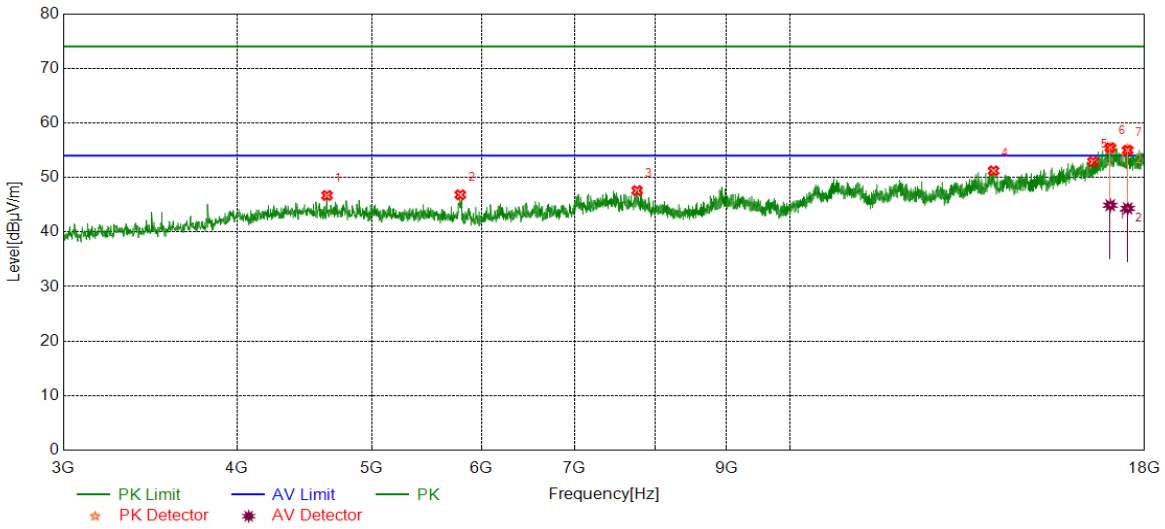


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5801.6002	40.55	5.42	45.97	74.00	-28.03	peak
2	7483.6855	39.24	8.75	47.99	74.00	-26.01	peak
3	10851.6065	37.61	12.39	50.00	74.00	-24.00	peak
4	13938.2423	37.03	14.40	51.43	74.00	-22.57	peak
5	16361.0451	36.59	16.66	53.25	74.00	-20.75	peak
6	16953.6192	36.45	18.46	54.91	74.00	-19.09	peak
7	17199.2749	37.16	18.35	55.51	74.00	-18.49	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16953.6192	26.64	18.46	45.10	54.00	-8.90	average
2	17199.2749	28.19	18.35	46.54	54.00	-7.46	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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

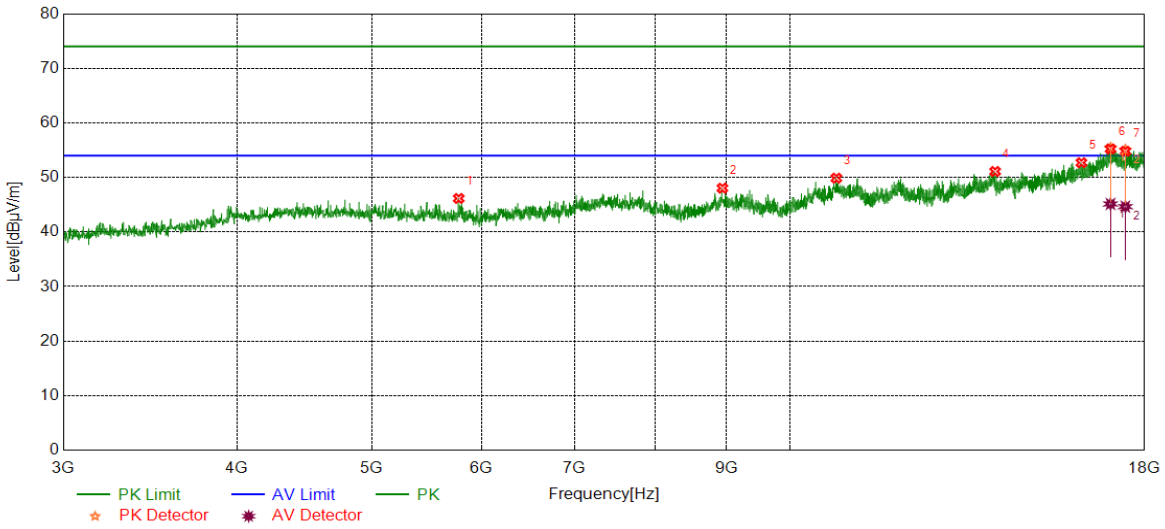


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4644.5806	41.19	5.51	46.70	74.00	-27.30	peak
2	5792.2240	41.55	5.27	46.82	74.00	-27.18	peak
3	7763.0954	39.40	8.20	47.60	74.00	-26.40	peak
4	14015.1269	36.95	14.27	51.22	74.00	-22.78	peak
5	16524.1905	36.14	16.75	52.89	74.00	-21.11	peak
6	17004.2505	36.81	18.55	55.36	74.00	-18.64	peak
7	17501.1876	37.04	18.05	55.09	74.00	-18.91	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17004.2505	26.36	18.55	44.91	54.00	-9.09	average
2	17501.1876	26.28	18.05	44.33	54.00	-9.67	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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

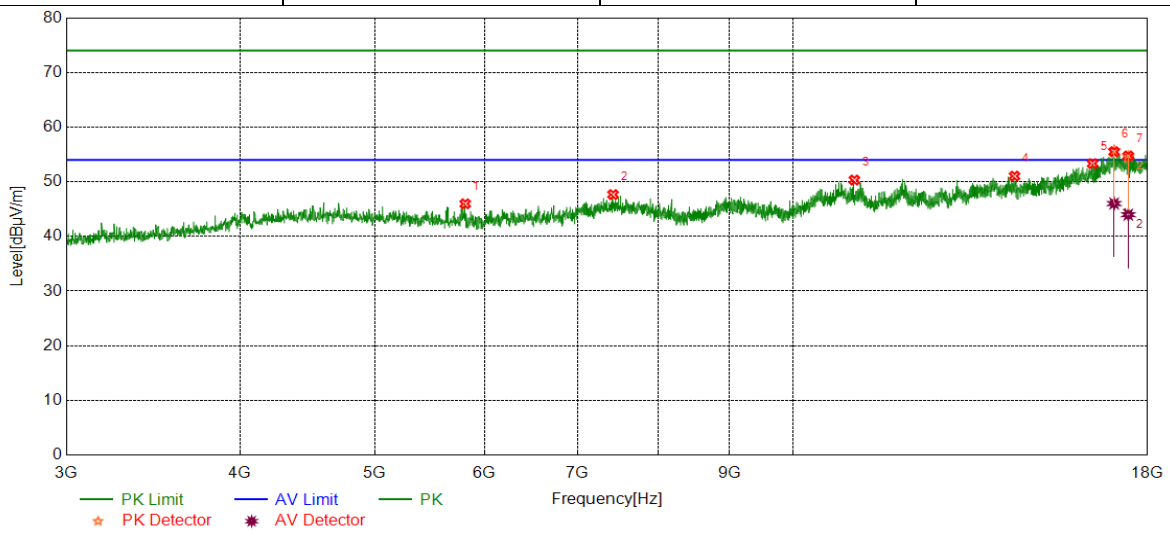


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5777.2222	40.84	5.31	46.15	74.00	-27.85	peak
2	8942.6178	39.14	8.89	48.03	74.00	-25.97	peak
3	10800.9751	37.81	12.06	49.87	74.00	-24.13	peak
4	14050.7563	36.94	14.16	51.10	74.00	-22.90	peak
5	16209.1511	37.08	15.62	52.70	74.00	-21.30	peak
6	17011.7515	36.9	18.49	55.39	74.00	-18.61	peak
7	17433.6792	37.15	17.89	55.04	74.00	-18.96	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17011.7515	26.65	18.49	45.14	54.00	-8.86	average
2	17433.6792	26.76	17.89	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 7.2.
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

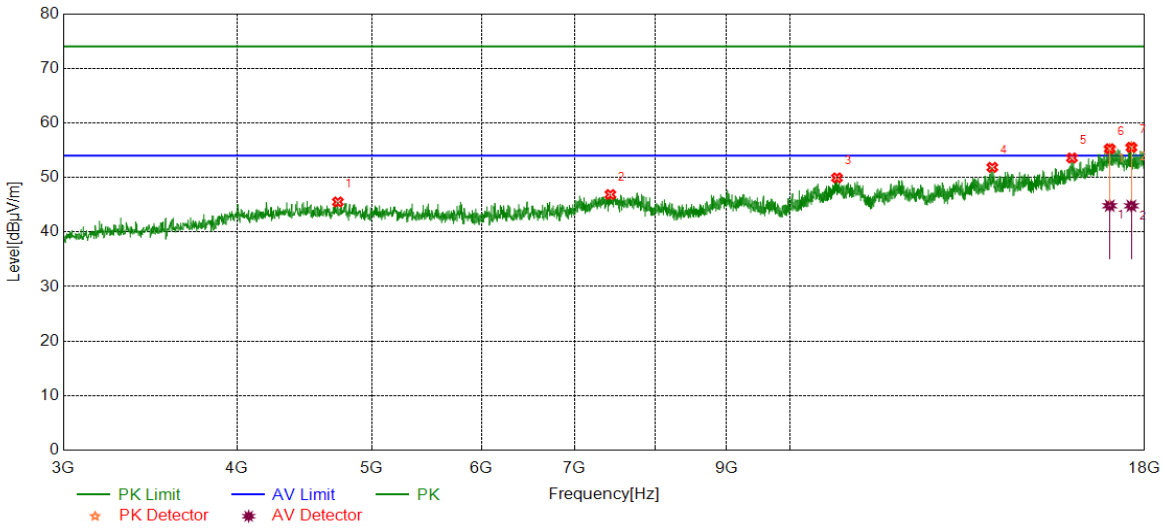


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5810.9764	40.65	5.32	45.97	74.00	-28.03	peak
2	7423.6780	39.08	8.58	47.66	74.00	-26.34	peak
3	11072.8841	38.18	12.14	50.32	74.00	-23.68	peak
4	14437.0546	37.42	13.62	51.04	74.00	-22.96	peak
5	16432.3040	37.31	16.01	53.32	74.00	-20.68	peak
6	17028.6286	36.75	18.94	55.69	74.00	-18.31	peak
7	17431.8040	36.72	17.89	54.61	74.00	-19.39	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17028.6286	27.08	18.94	46.02	54.00	-7.98	average
2	17431.8040	26.09	17.89	43.98	54.00	-10.02	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 7.2.
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

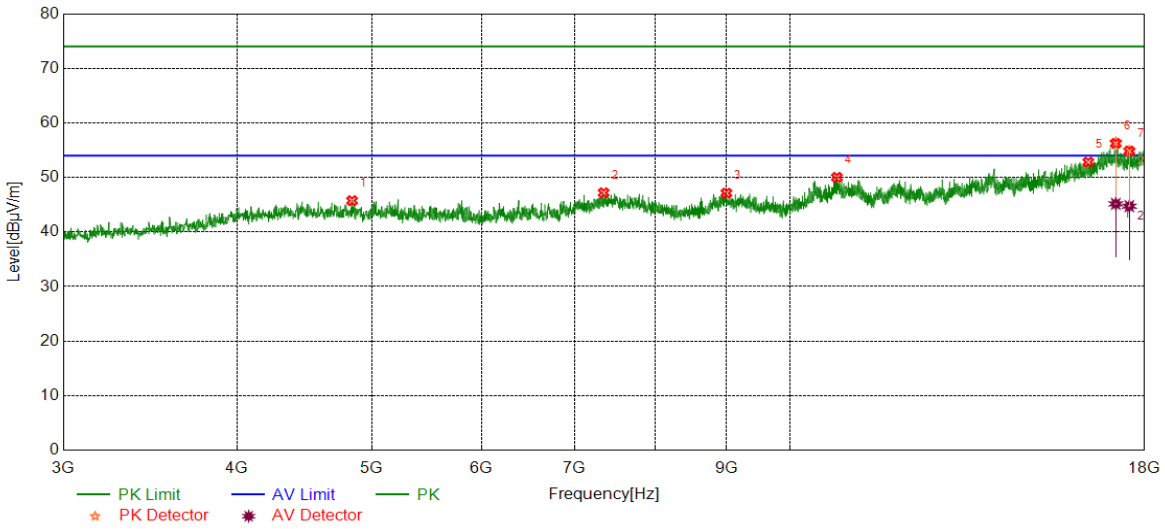


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4728.9661	40.30	5.21	45.51	74.00	-28.49	peak
2	7427.4284	38.31	8.56	46.87	74.00	-27.13	peak
3	10812.2265	37.72	12.21	49.93	74.00	-24.07	peak
4	13985.1231	37.87	13.98	51.85	74.00	-22.15	peak
5	15957.8697	37.55	16.02	53.57	74.00	-20.43	peak
6	16989.2487	36.4	18.78	55.18	74.00	-18.82	peak
7	17609.9512	37.65	17.87	55.52	74.00	-18.48	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16989.2487	26.04	18.78	44.82	54.00	-9.18	average
2	17609.9512	26.93	17.87	44.80	54.00	-9.20	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS

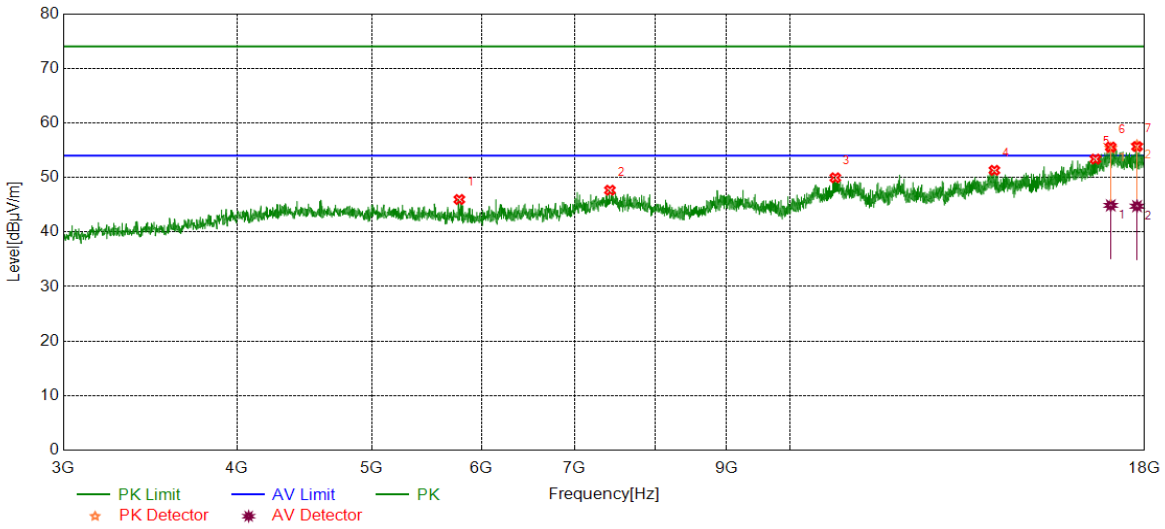


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4841.4802	40.29	5.45	45.74	74.00	-28.26	peak
2	7344.9181	38.68	8.51	47.19	74.00	-26.81	peak
3	9002.6253	38.02	9.10	47.12	74.00	-26.88	peak
4	10810.3513	37.81	12.21	50.02	74.00	-23.98	peak
5	16394.7994	36.70	16.11	52.81	74.00	-21.19	peak
6	17159.8950	38.15	18.23	56.38	74.00	-17.62	peak
7	17549.9437	36.77	18.08	54.85	74.00	-19.15	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17159.8950	26.92	18.23	45.15	54.00	-8.85	average
2	17549.9437	26.66	18.08	44.74	54.00	-9.26	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 7.2.
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

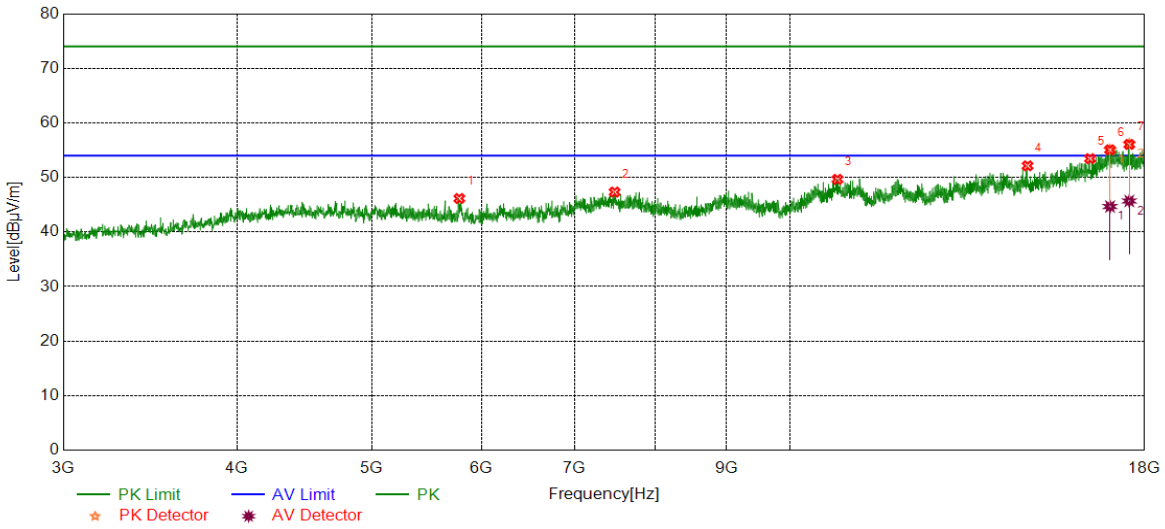


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5782.8479	40.69	5.27	45.96	74.00	-28.04	peak
2	7421.8027	39.07	8.59	47.66	74.00	-26.34	peak
3	10782.2228	37.79	12.15	49.94	74.00	-24.06	peak
4	14033.8792	36.78	14.53	51.31	74.00	-22.69	peak
5	16591.6990	37.17	16.20	53.37	74.00	-20.63	peak
6	17017.3772	36.98	18.39	55.37	74.00	-18.63	peak
7	17774.9719	37.85	18.00	55.85	74.00	-18.15	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17017.3772	26.49	18.39	44.88	54.00	-9.12	average
2	17774.9719	26.73	18.00	44.73	54.00	-9.27	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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

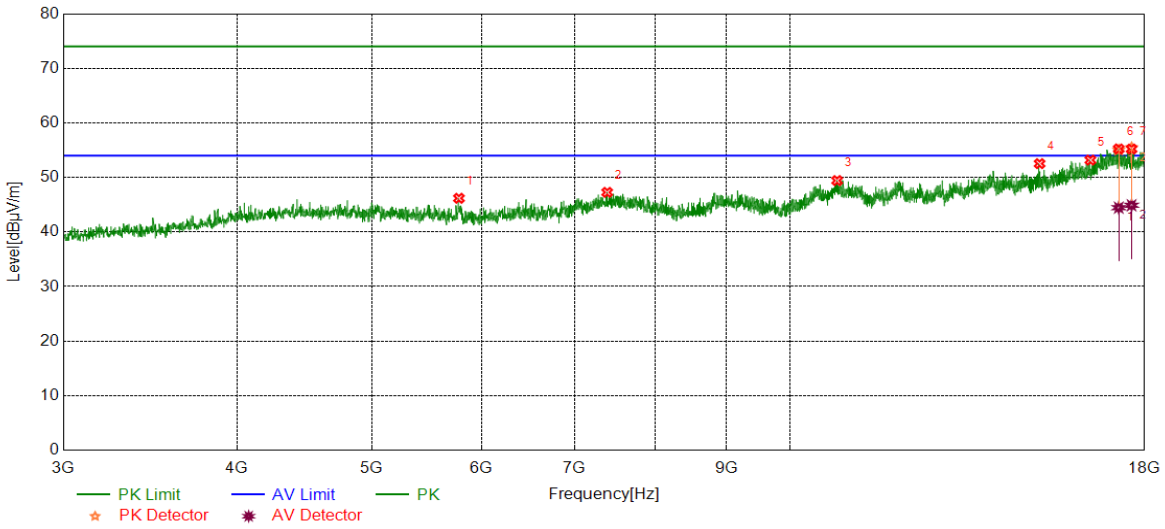


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5782.8479	40.87	5.27	46.14	74.00	-27.86	peak
2	7479.9350	38.48	8.84	47.32	74.00	-26.68	peak
3	10819.7275	37.44	12.22	49.66	74.00	-24.34	peak
4	14827.1034	37.69	14.44	52.13	74.00	-21.87	peak
5	16443.5554	37.40	16.05	53.45	74.00	-20.55	peak
6	16996.7496	36.41	18.64	55.05	74.00	-18.95	peak
7	17548.0685	38.17	17.95	56.12	74.00	-17.88	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16996.7496	26.03	18.64	44.67	54.00	-9.33	average
2	17548.0685	27.74	17.95	45.69	54.00	-8.31	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 7.2.
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

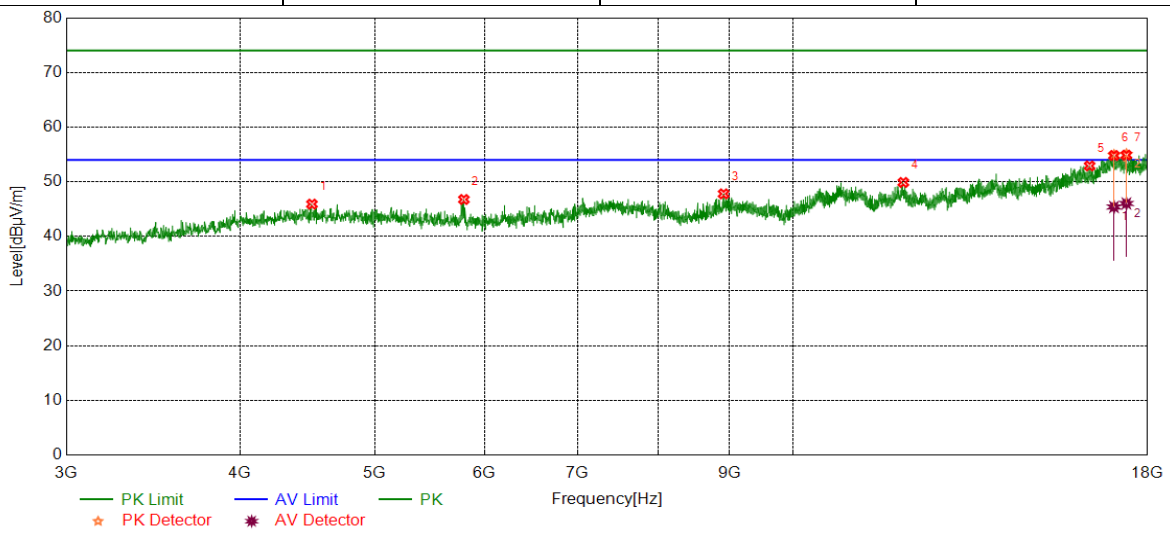


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5779.0974	40.88	5.30	46.18	74.00	-27.82	peak
2	7388.0485	38.68	8.59	47.27	74.00	-26.73	peak
3	10814.1018	37.22	12.21	49.43	74.00	-24.57	peak
4	15125.2657	38.44	14.09	52.53	74.00	-21.47	peak
5	16452.9316	37.08	16.10	53.18	74.00	-20.82	peak
6	17244.2805	37.17	17.85	55.02	74.00	-18.98	peak
7	17615.5769	37.74	17.73	55.47	74.00	-18.53	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17244.2805	26.61	17.85	44.46	54.00	-9.54	average
2	17615.5769	27.17	17.73	44.90	54.00	-9.10	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 7.2.
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

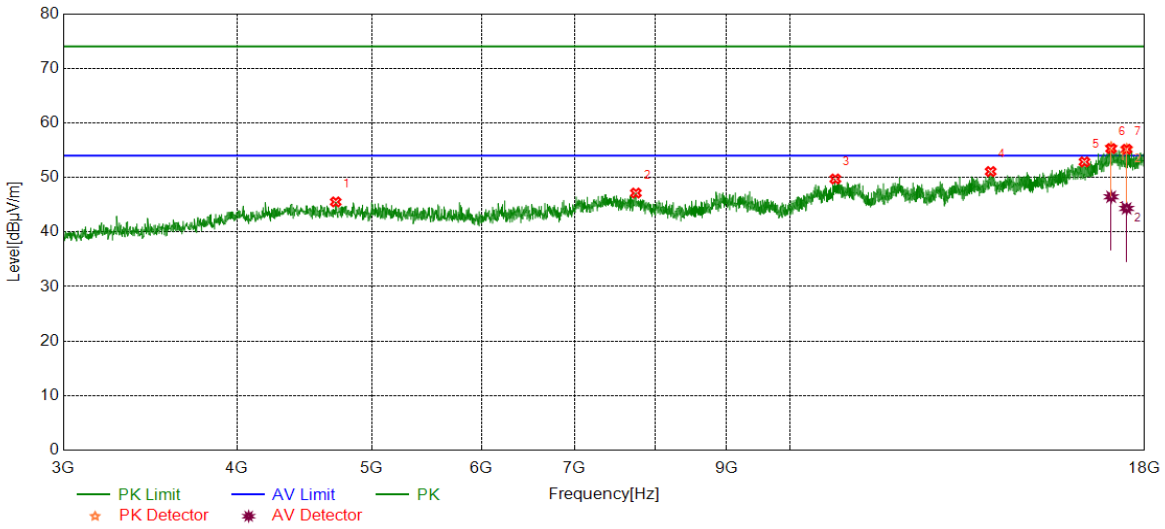


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4507.6885	40.43	5.48	45.91	74.00	-28.09	peak
2	5797.8497	41.37	5.39	46.76	74.00	-27.24	peak
3	8916.3645	39.23	8.56	47.79	74.00	-26.21	peak
4	12008.6261	37.14	12.74	49.88	74.00	-24.12	peak
5	16351.6690	36.31	16.59	52.90	74.00	-21.10	peak
6	17024.8781	36.18	18.68	54.86	74.00	-19.14	peak
7	17377.4222	36.44	18.58	55.02	74.00	-18.98	peak

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17024.8781	26.71	18.68	45.39	54.00	-8.61	average
2	17377.4222	27.45	18.58	46.03	54.00	-7.97	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
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	4712.0890	39.86	5.65	45.51	74.00	-28.49	peak
2	7748.0935	38.99	8.15	47.14	74.00	-26.86	peak
3	10782.2228	37.57	12.15	49.72	74.00	-24.28	peak
4	13947.6185	36.81	14.27	51.08	74.00	-22.92	peak
5	16291.6615	37.40	15.45	52.85	74.00	-21.15	peak
6	17028.6286	36.56	18.94	55.50	74.00	-18.50	peak
7	17471.1839	37.41	17.76	55.17	74.00	-18.83	peak

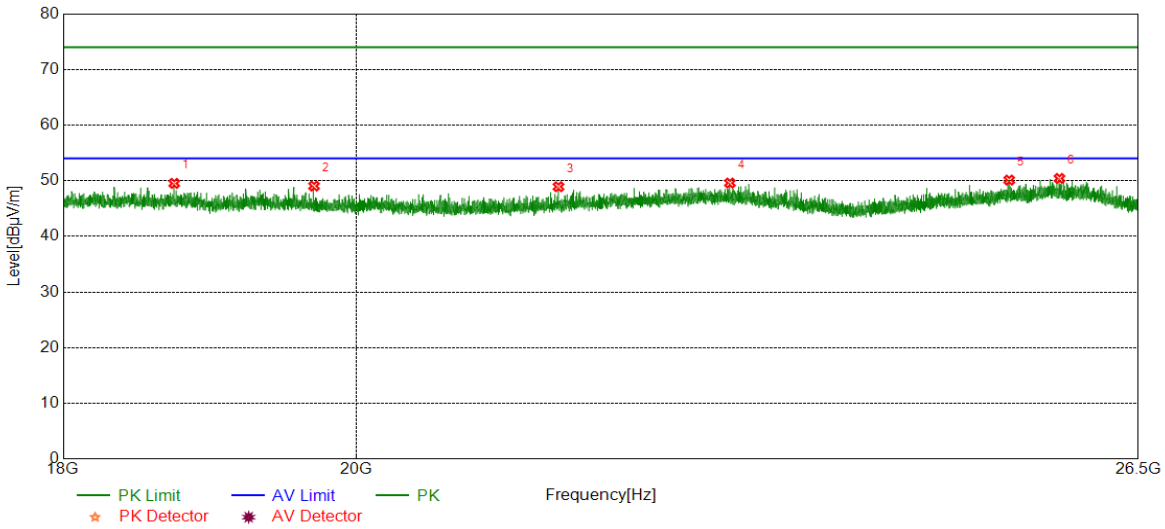
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17028.6286	27.51	18.94	46.45	54.00	-7.55	average
2	17471.1839	26.56	17.76	44.32	54.00	-9.68	average

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 7.2.
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)

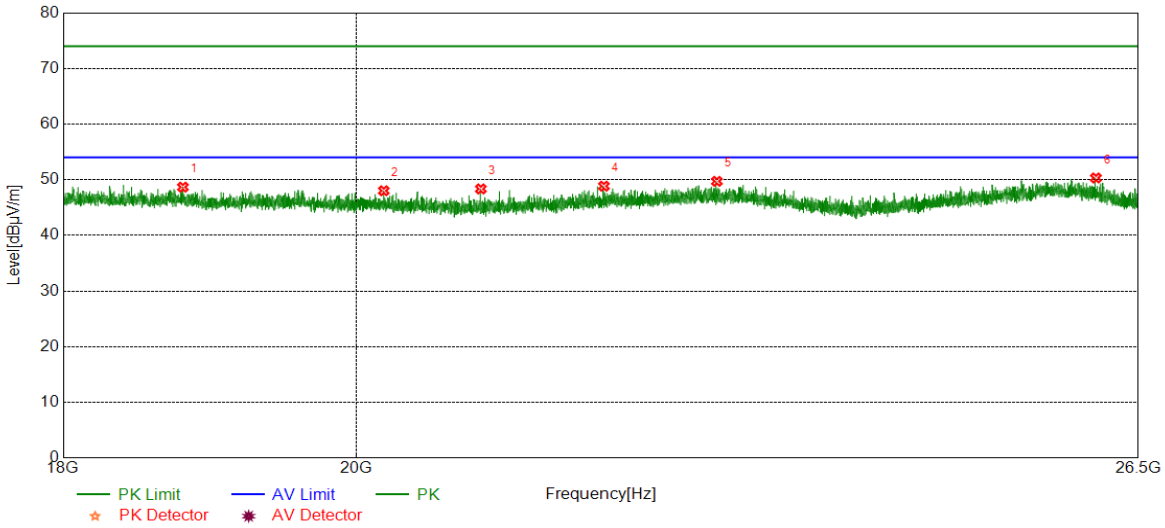
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18733.6234	50.54	-1.01	49.53	74.00	24.47	peak
2	19700.1700	49.71	-0.66	49.05	74.00	24.95	peak
3	21511.7012	49.43	-0.50	48.93	74.00	25.07	peak
4	22880.3380	48.45	1.14	49.59	74.00	24.41	peak
5	25299.6800	49.61	0.51	50.12	74.00	23.88	peak
6	25761.2761	49.14	1.28	50.42	74.00	23.58	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
11B	HCH	Vertical	PASS



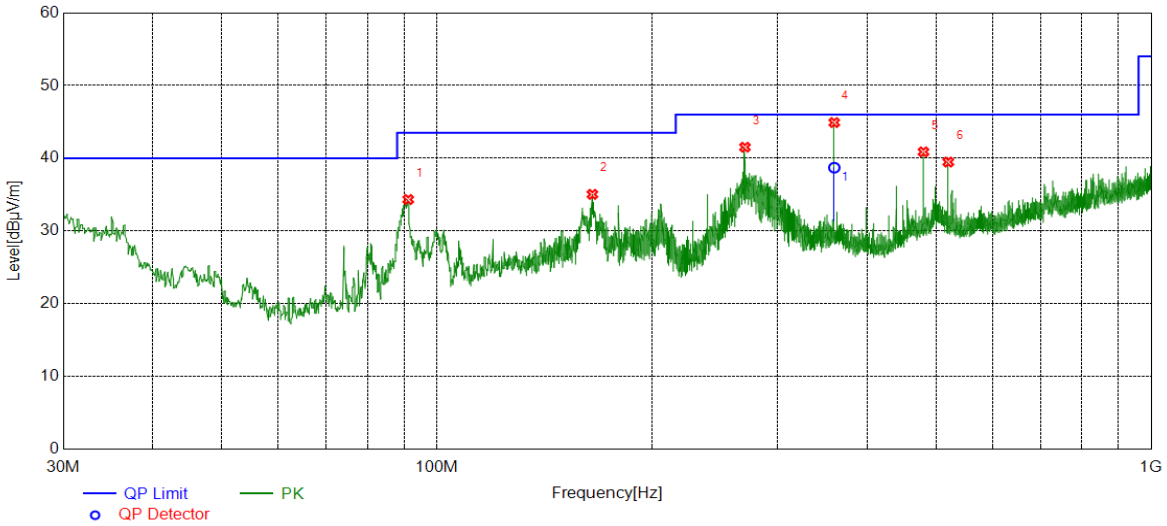
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18792.2792	49.72	-1.05	48.67	74.00	25.33	peak
2	20200.8701	48.62	-0.60	48.02	74.00	25.98	peak
3	20919.1919	49.30	-0.95	48.35	74.00	25.65	peak
4	21866.1866	48.86	-0.01	48.85	74.00	25.15	peak
5	22773.2273	48.67	1.05	49.72	74.00	24.28	peak
6	26101.3101	48.85	1.47	50.32	74.00	23.68	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 1GHHz (WORST-CASE CONFIGURATION)

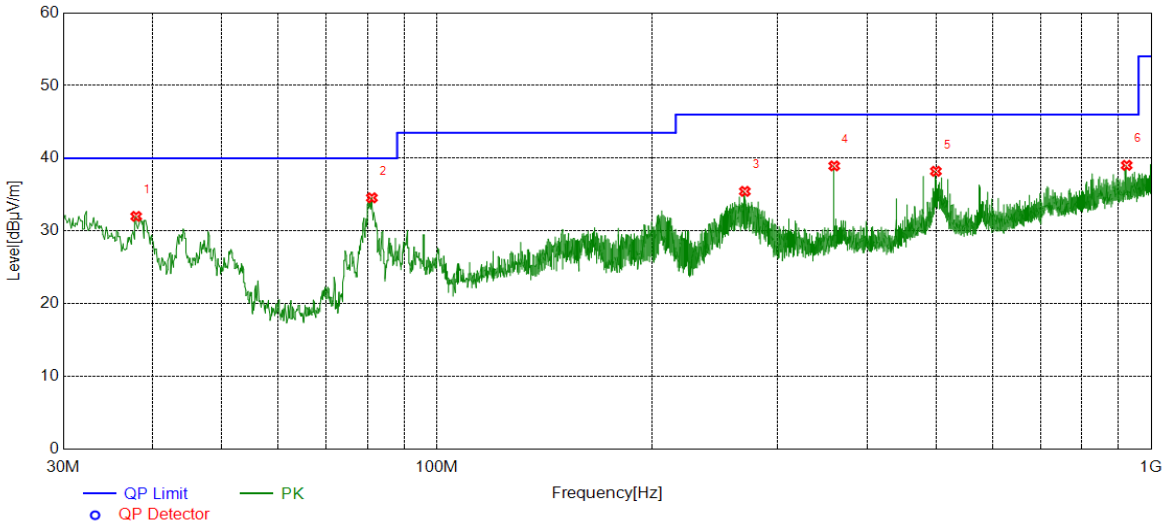
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	91.2131	19.61	14.72	34.33	43.50	-9.17	peak
2	165.1345	16.49	18.55	35.04	43.50	-8.46	peak
3	270.0020	21.72	19.80	41.52	46.00	-4.48	peak
4	360.0004	16.75	21.96	38.71	46.00	-7.29	QP
5	480.0280	15.70	25.18	40.88	46.00	-5.12	peak
6	519.9960	13.56	25.92	39.48	46.00	-6.52	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



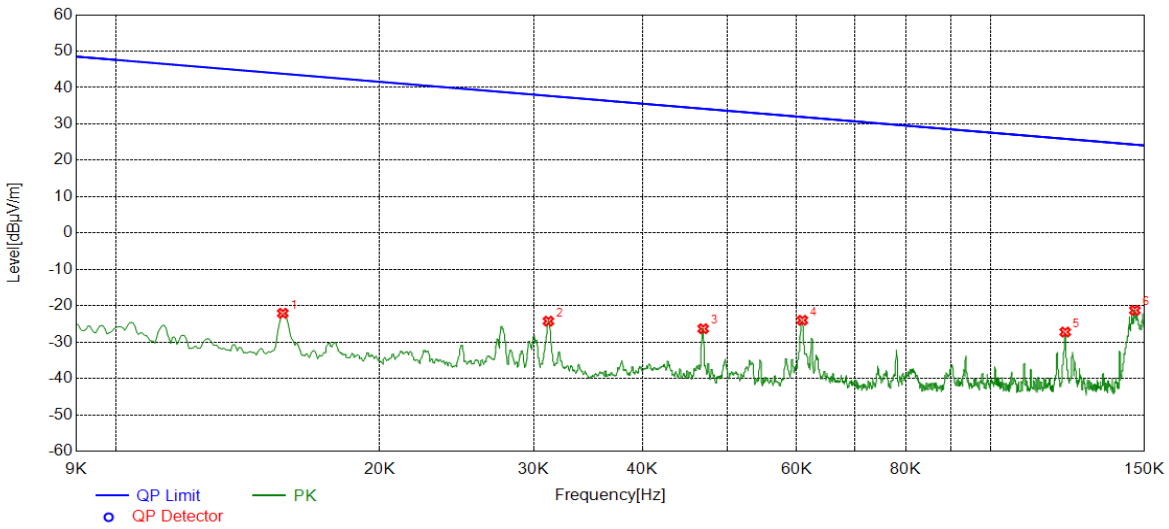
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	37.9548	10.07	21.94	32.01	40.00	-7.99	peak
2	81.1241	20.18	14.38	34.56	40.00	-5.44	peak
3	269.9050	15.66	19.79	35.45	46.00	-10.55	peak
4	360.0270	16.99	21.96	38.95	46.00	-7.05	peak
5	499.6240	12.49	25.72	38.21	46.00	-7.79	peak
6	924.0414	7.62	31.41	39.03	46.00	-6.97	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)

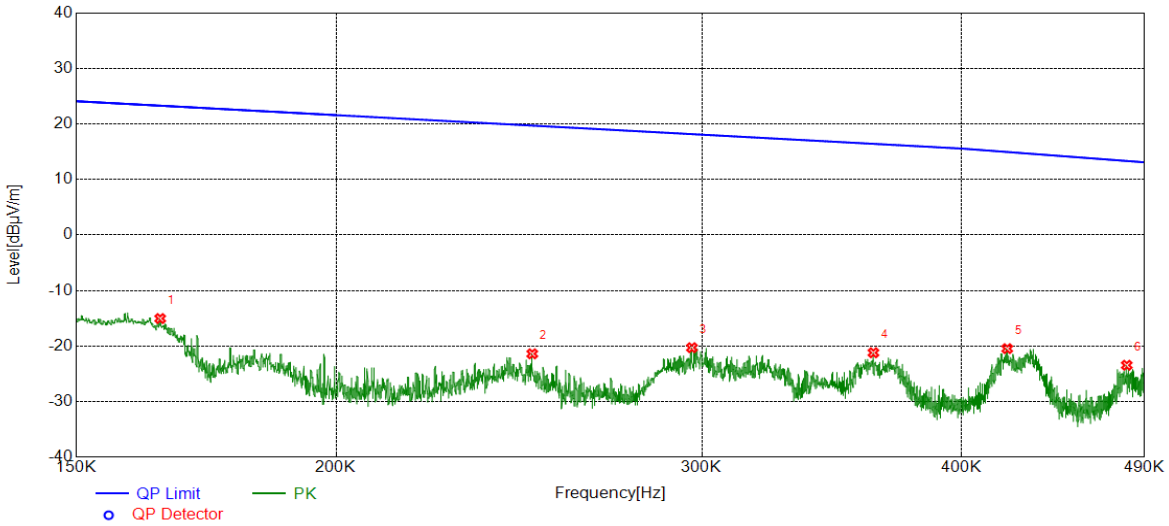
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	9KHz~150KHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	39.81	-61.89	-22.08	43.77	-65.85	peak
2	0.0312	37.50	-61.74	-24.24	37.71	-61.95	peak
3	0.0469	35.42	-61.74	-26.32	34.18	-60.50	peak
4	0.0609	37.77	-61.77	-24.00	31.91	-55.91	peak
5	0.1217	34.59	-61.83	-27.24	25.90	-53.14	peak
6	0.1462	40.57	-61.84	-21.27	24.30	-45.57	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

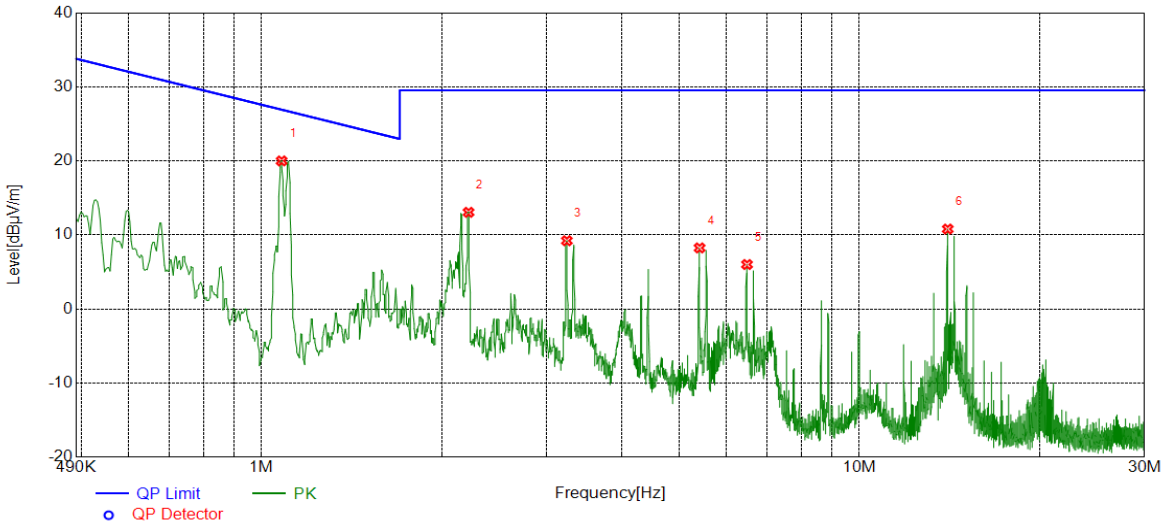
Test Mode	Channel	Frequency Range	Verdict
11B	HCH	150KHz~490Hz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1646	46.80	-61.85	-15.05	23.28	-38.33	peak
2	0.2486	40.48	-61.88	-21.40	19.69	-41.09	peak
3	0.2967	41.60	-61.90	-20.30	18.16	-38.46	peak
4	0.3628	40.69	-61.90	-21.21	16.41	-37.62	peak
5	0.4208	41.43	-61.90	-20.47	14.94	-35.41	peak
6	0.4804	38.43	-61.89	-23.46	13.32	-36.78	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
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	1.0803	41.85	-21.85	20.00	26.94	-6.94	peak
2	2.2195	34.86	-21.80	13.06	29.54	-16.48	peak
3	3.2406	30.98	-21.76	9.22	29.54	-20.32	peak
4	5.4039	29.95	-21.70	8.25	29.54	-21.29	peak
5	6.4870	27.72	-21.71	6.01	29.54	-23.53	peak
6	14.0542	32.40	-21.60	10.80	29.54	-18.74	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

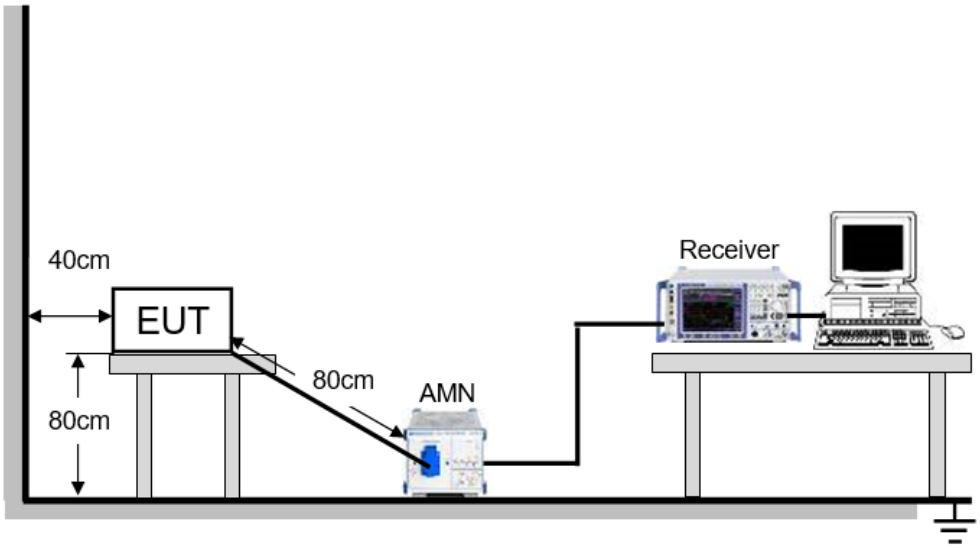
8. AC POWER LINE CONDUCTED EMISSIONS

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

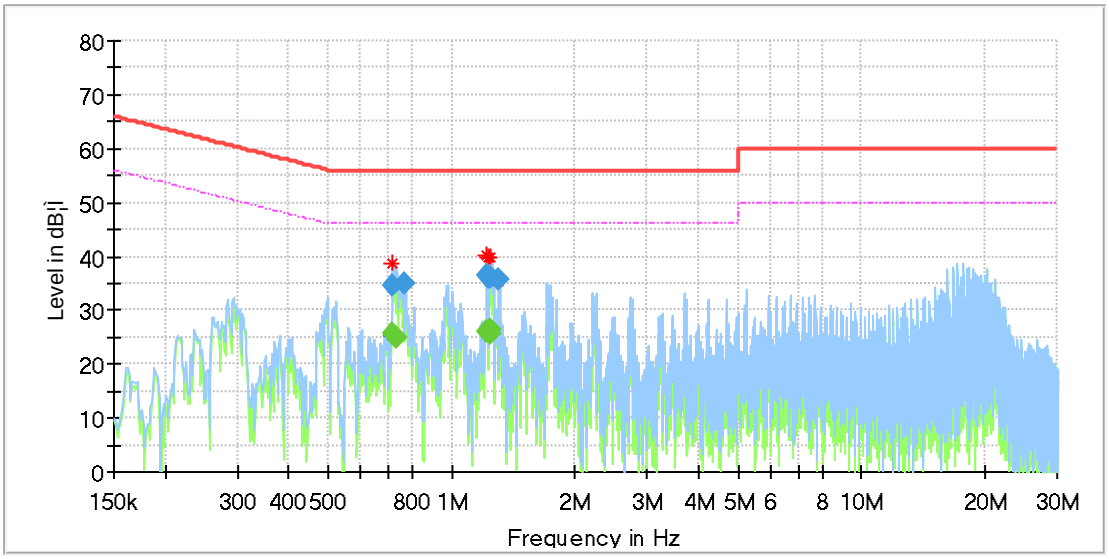


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3)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

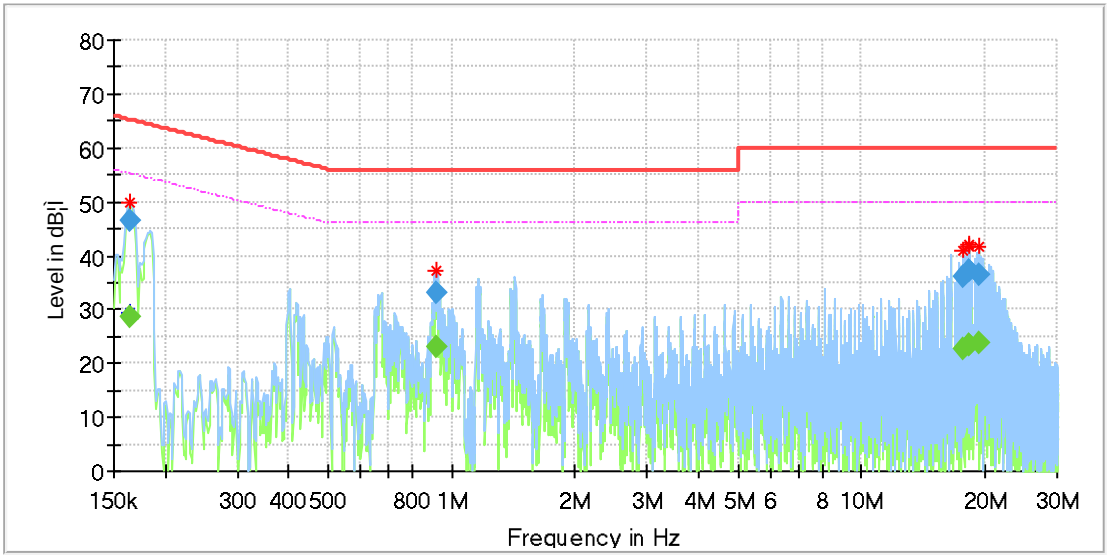


Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.720135	---	25.50	46.00	20.50	1000.0	9.000	L1	OFF	9.6
0.720135	34.53	---	56.00	21.47	1000.0	9.000	L1	OFF	9.6
0.735060	---	24.94	46.00	21.06	1000.0	9.000	L1	OFF	9.6
0.769388	35.06	---	56.00	20.94	1000.0	9.000	L1	OFF	9.6
1.218630	---	26.09	46.00	19.91	1000.0	9.000	L1	OFF	9.7
1.218630	36.47	---	56.00	19.53	1000.0	9.000	L1	OFF	9.7
1.227585	36.26	---	56.00	19.74	1000.0	9.000	L1	OFF	9.7
1.227585	---	26.18	46.00	19.82	1000.0	9.000	L1	OFF	9.7
1.238033	36.10	---	56.00	19.90	1000.0	9.000	L1	OFF	9.7
1.238033	---	25.73	46.00	20.27	1000.0	9.000	L1	OFF	9.7
1.249973	---	26.36	46.00	19.64	1000.0	9.000	L1	OFF	9.7
1.306688	35.70	---	56.00	20.30	1000.0	9.000	L1	OFF	9.7

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
5. Pre-testing all test modes and channels, and find the HCH of 11B 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)
0.163433	---	28.72	55.29	26.57	1000.0	9.000	N	OFF	9.5
0.163433	46.36	---	65.29	18.93	1000.0	9.000	N	OFF	9.5
0.921623	---	23.07	46.00	22.93	1000.0	9.000	N	OFF	9.5
0.921623	33.29	---	56.00	22.71	1000.0	9.000	N	OFF	9.5
17.591355	---	22.68	50.00	27.32	1000.0	9.000	N	OFF	9.8
17.591355	36.17	---	60.00	23.83	1000.0	9.000	N	OFF	9.8
18.310740	37.21	---	60.00	22.79	1000.0	9.000	N	OFF	9.9
18.310740	---	23.39	50.00	26.61	1000.0	9.000	N	OFF	9.9
18.333128	37.32	---	60.00	22.68	1000.0	9.000	N	OFF	9.9
18.333128	---	23.51	50.00	26.49	1000.0	9.000	N	OFF	9.9
19.333103	---	23.74	50.00	26.26	1000.0	9.000	N	OFF	10.0
19.333103	36.53	---	60.00	23.47	1000.0	9.000	N	OFF	10.0

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 11B mode swhich 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