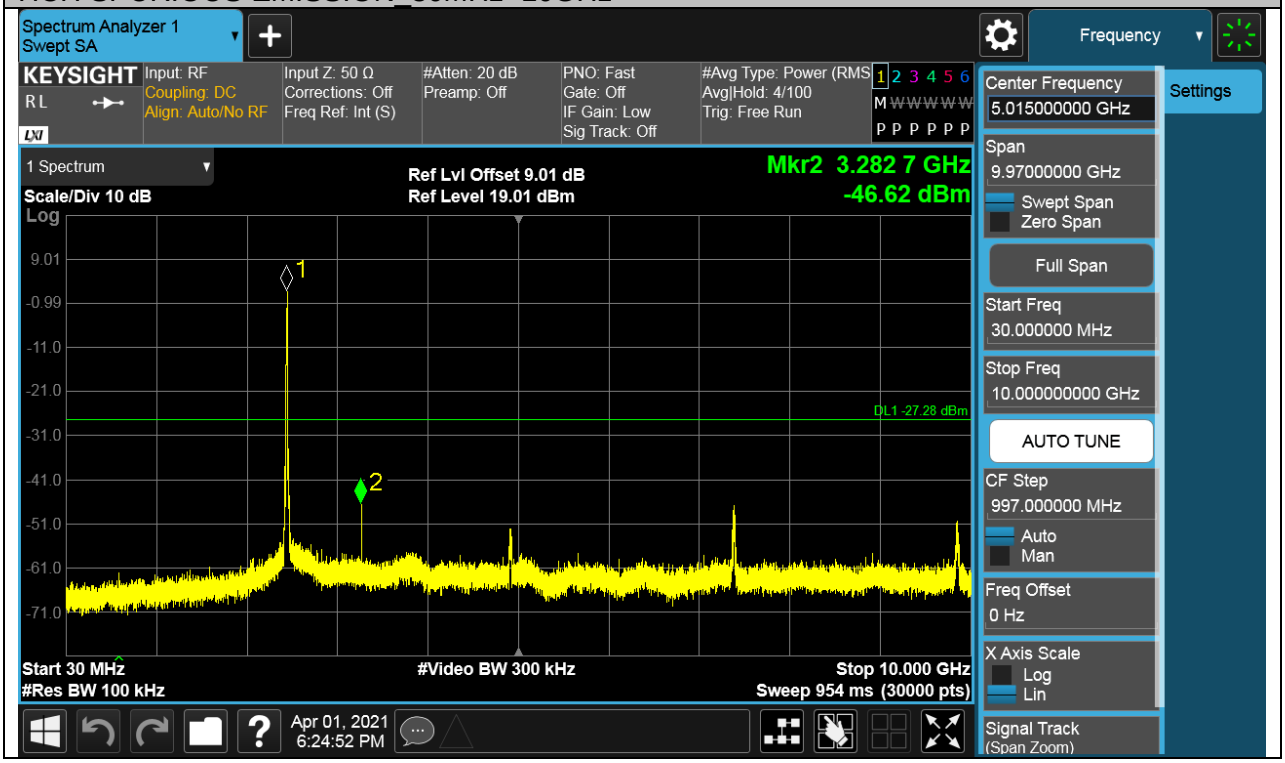
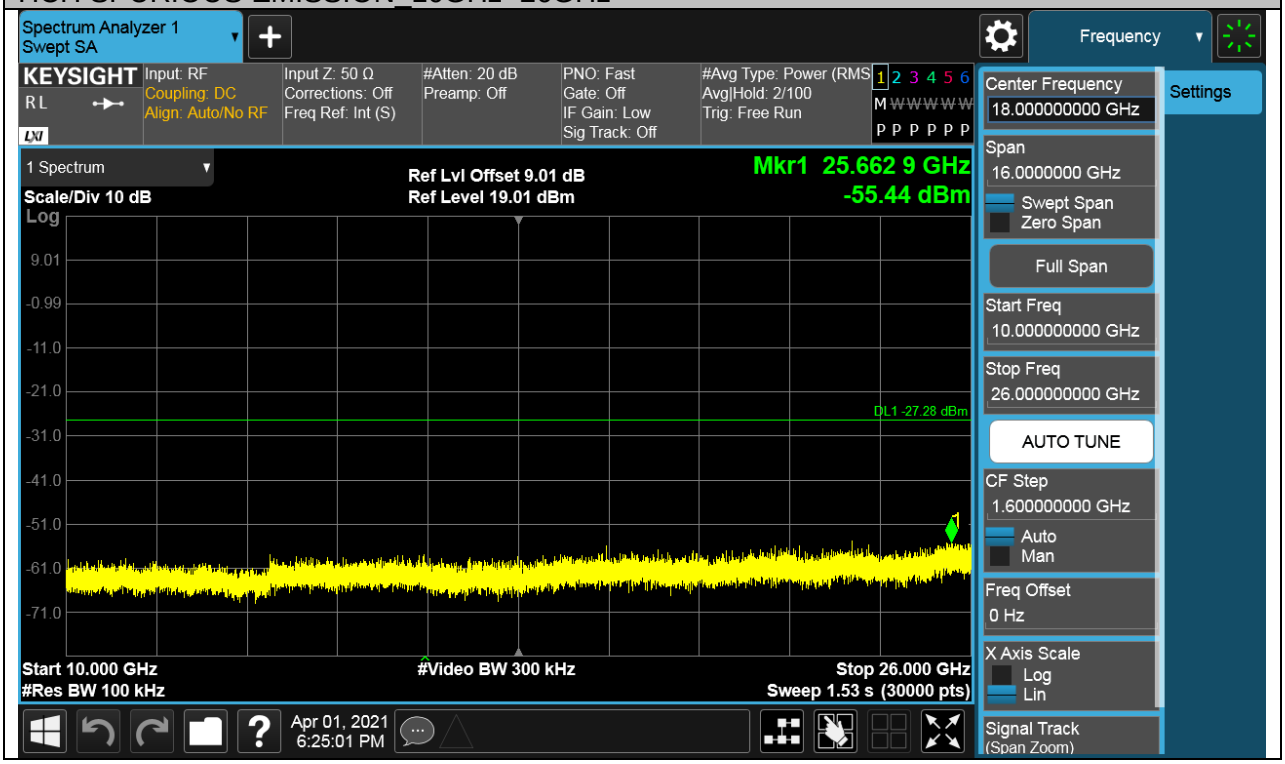
Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz



HCH SPURIOUS EMISSION_10GHz~26GHz



7.6. RADIATED TEST RESULTS

7.6.1. LIMITS AND PROCEDURE

LIMITS

Please refer to FCC §15.205 and §15.209, ISED RSS-247 Clause 5.5, ISED RSS-GEN Clause 8.9&6.13 (Transmitter)
Radiation Disturbance Test Limit for ISED(9KHz-1GHz)

Except where otherwise indicated in the applicable RSS, radiated emissions shall comply with the field strength limits shown in table 5 and table 6. Additionally, the level of any transmitter unwanted emission shall not exceed the level of the transmitter's fundamental emission.

Table 5 – General field strength limits at frequencies above 30 MHz

Frequency (MHz)	Field strength (μV/m at 3 m)
30 – 88	100
88 – 216	150
216 – 960	200
Above 960	500

Table 6 – General field strength limits at frequencies below 30 MHz

Frequency	Magnetic field strength (H-Field) (μA/m)	Measurement distance (m)
9 - 490 kHz[Note 1]	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

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

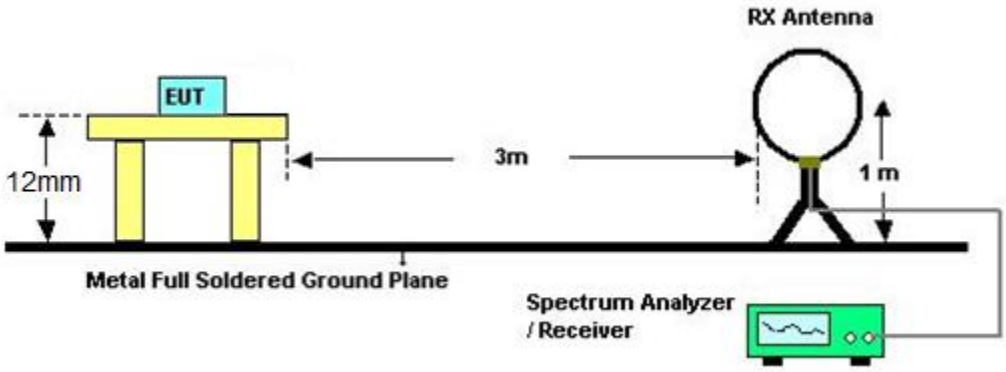
Restricted bands of operation

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 12mm height above ground.

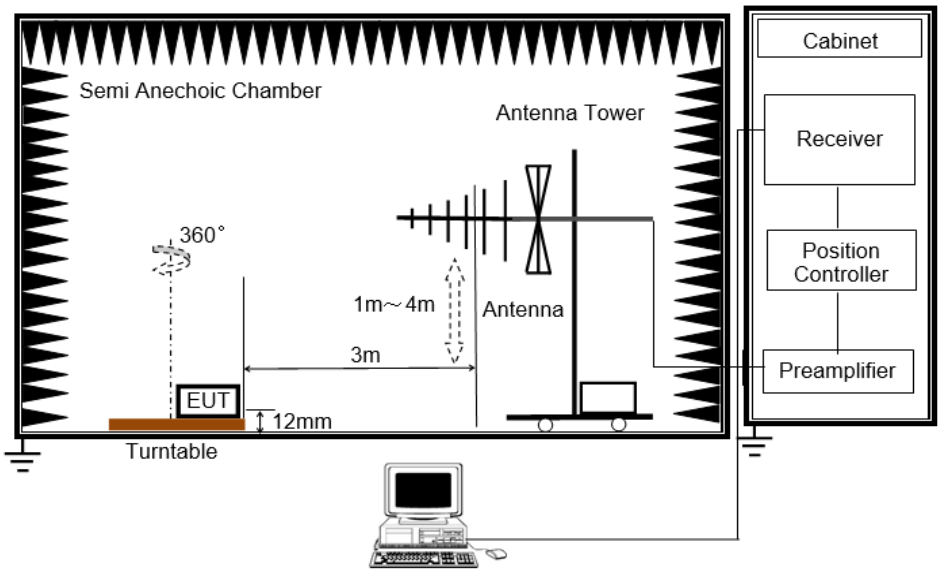
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.

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.

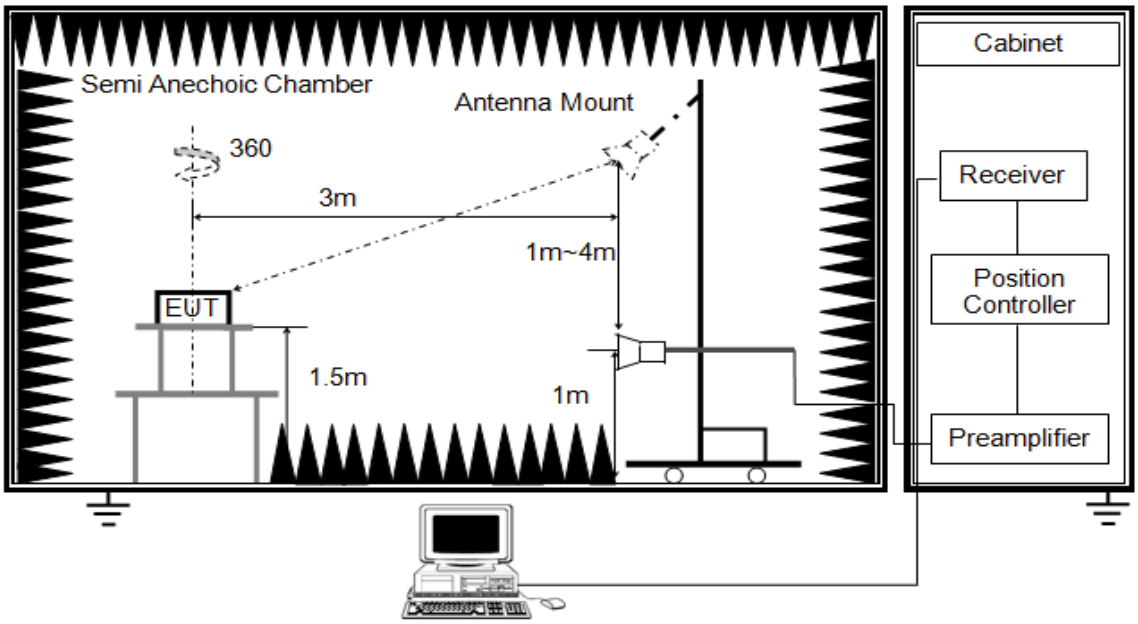
3. The EUT was placed on a turntable with 12mm height above ground.

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.

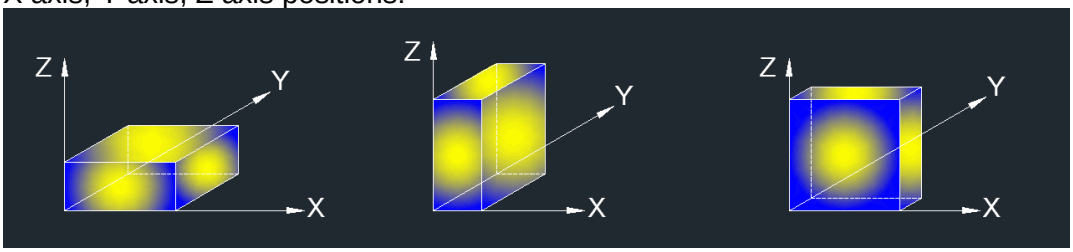
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

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 7.1.

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

X axis, Y axis, Z axis positions:



Note: For this product can only working in Z axis.

7.6.2. TEST ENVIRONMENT

Temperature	22°C	Relative Humidity	56%
Atmosphere Pressure	1012mbar	Test Voltage	AC 120V,60Hz

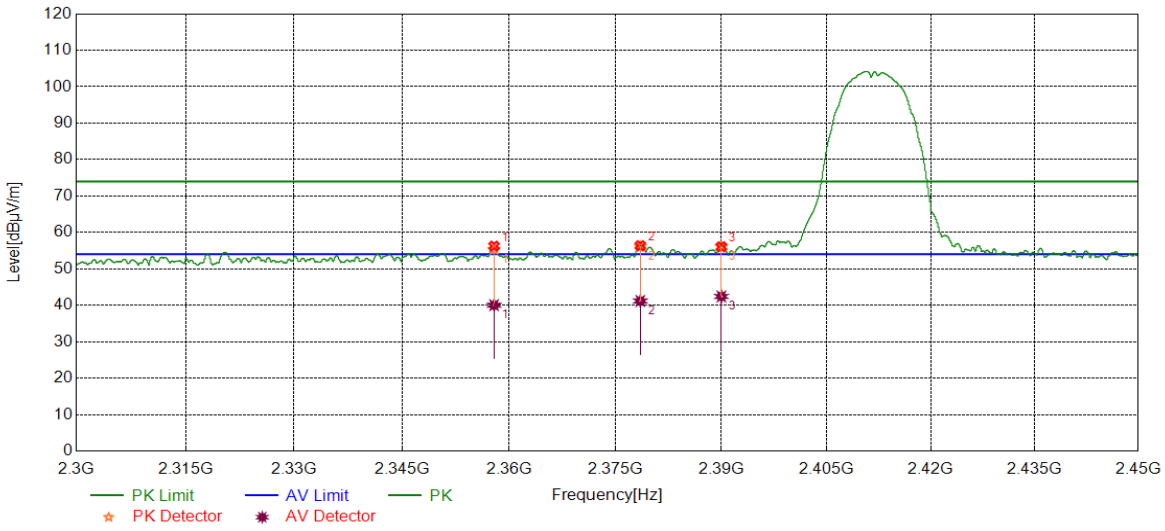
7.6.3. RESTRICTED BANDEDGE

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

Test Graphs:

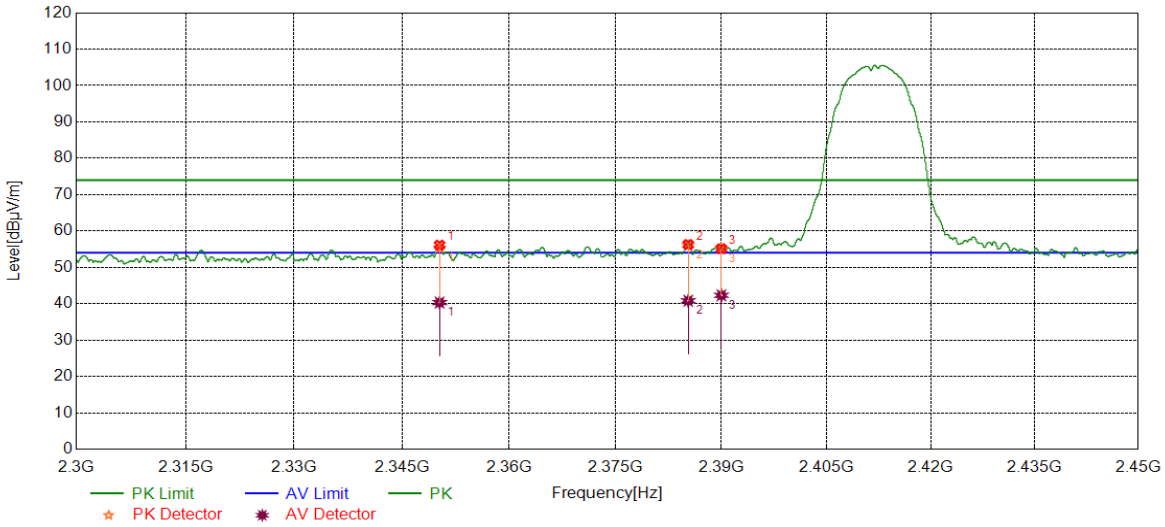
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2357.8885	43.49	12.76	56.25	74.00	17.75	Peak
		27.28	12.76	40.04	54.00	13.96	Average
2	2378.4973	43.34	13.04	56.38	74.00	17.62	Peak
		28.14	13.04	41.18	54.00	12.82	Average
3	2390.0000	43.02	13.07	56.09	74.00	17.91	Peak
		29.36	13.07	42.43	54.00	11.57	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.

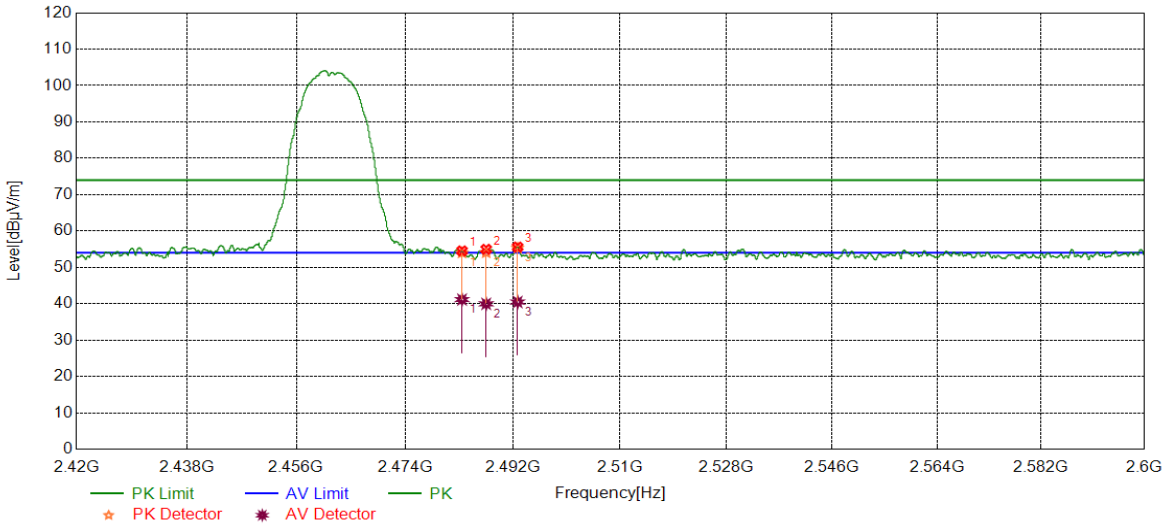
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2350.2563	43.43	12.69	56.12	74.00	17.88	Peak
		27.63	12.69	40.32	54.00	13.68	Average
2	2385.2857	43.24	13.06	56.30	74.00	17.70	Peak
		27.77	13.06	40.83	54.00	13.17	Average
3	2390.0000	42.07	13.07	55.14	74.00	18.86	Peak
		29.24	13.07	42.31	54.00	11.69	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.

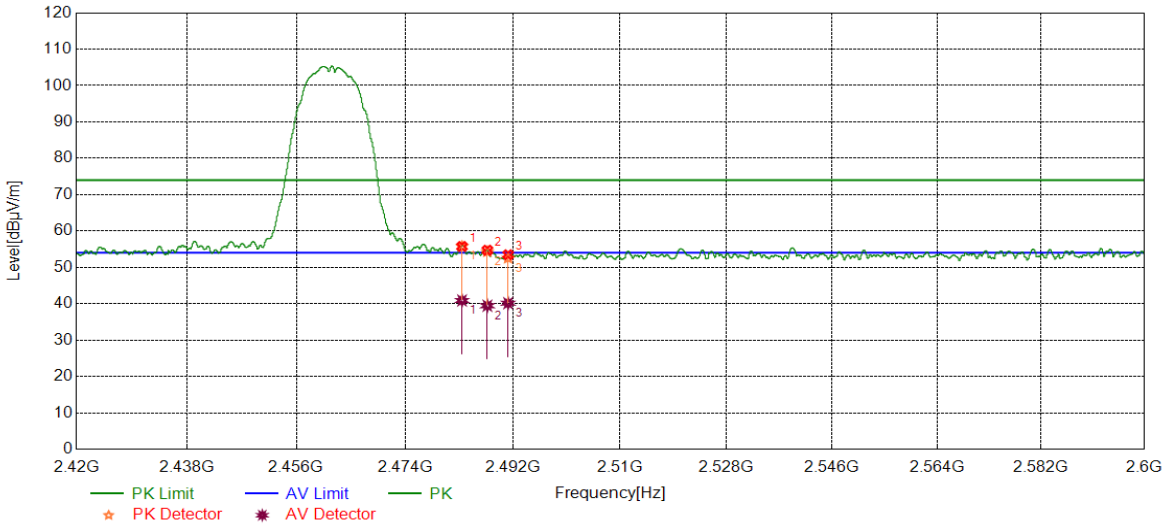
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	41.57	12.97	54.54	74.00	19.46	Peak
		28.17	12.97	41.14	54.00	12.86	Average
2	2487.5309	41.99	12.99	54.98	74.00	19.02	Peak
		26.98	12.99	39.97	54.00	14.03	Average
3	2492.7966	42.56	13.04	55.60	74.00	18.40	Peak
		27.43	13.04	40.47	54.00	13.53	Average

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

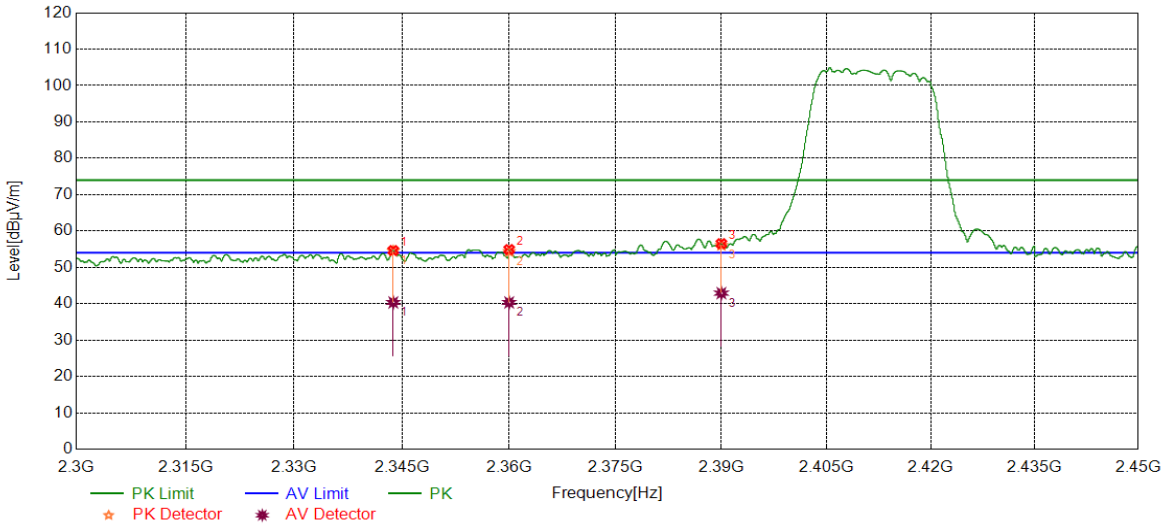
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	42.78	12.97	55.75	74.00	18.25	Peak
		27.92	12.97	40.89	54.00	13.11	Average
2	2487.7335	41.73	12.99	54.72	74.00	19.28	Peak
		26.46	12.99	39.45	54.00	14.55	Average
3	2491.1989	40.47	13.01	53.48	74.00	20.52	Peak
		27.13	13.01	40.14	54.00	13.86	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.

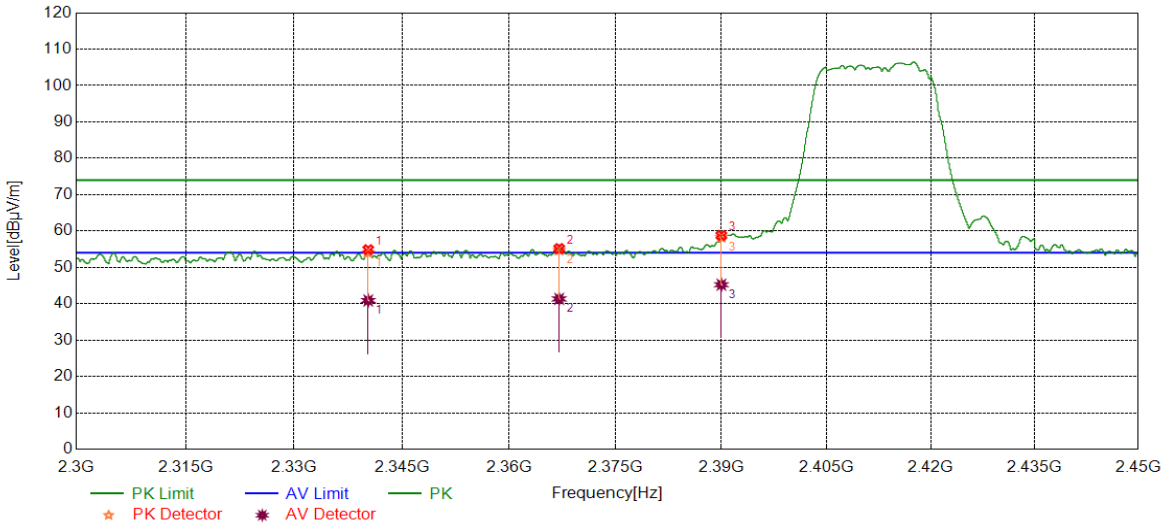
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2343.7867	42.01	12.63	54.64	74.00	19.36	Peak
		27.72	12.63	40.35	54.00	13.65	Average
2	2360.0075	42.14	12.77	54.91	74.00	19.09	Peak
		27.58	12.77	40.35	54.00	13.65	Average
3	2390.0000	43.46	13.07	56.53	74.00	17.47	Peak
		29.84	13.07	42.91	54.00	11.09	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.

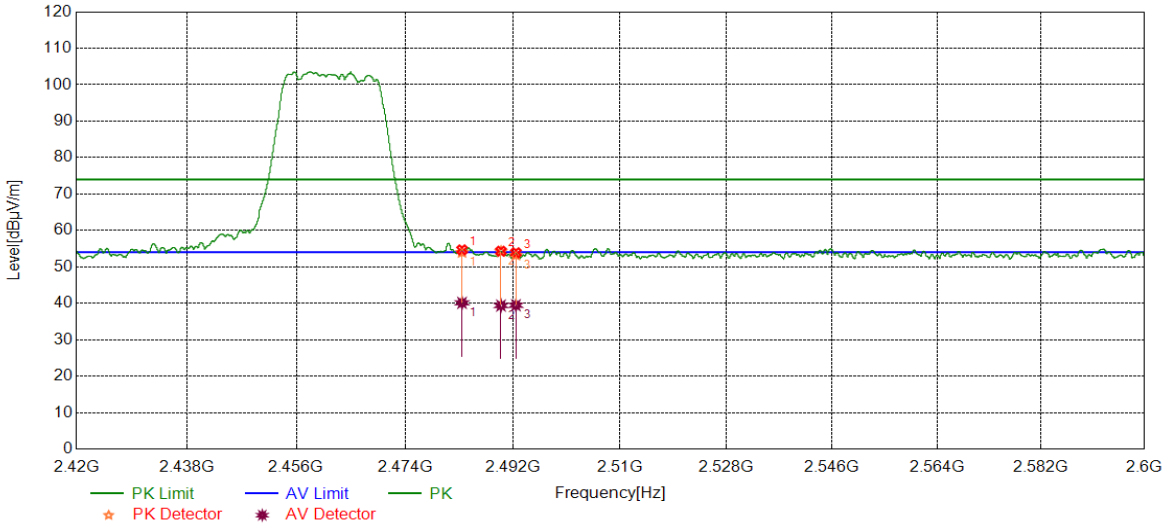
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2340.2988	42.26	12.60	54.86	74.00	19.14	Peak
		28.29	12.60	40.89	54.00	13.11	Average
2	2367.0396	42.29	12.88	55.17	74.00	18.83	Peak
		28.45	12.88	41.33	54.00	12.67	Average
3	2390.0000	45.71	13.07	58.78	74.00	15.22	Peak
		32.16	13.07	45.23	54.00	8.77	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.

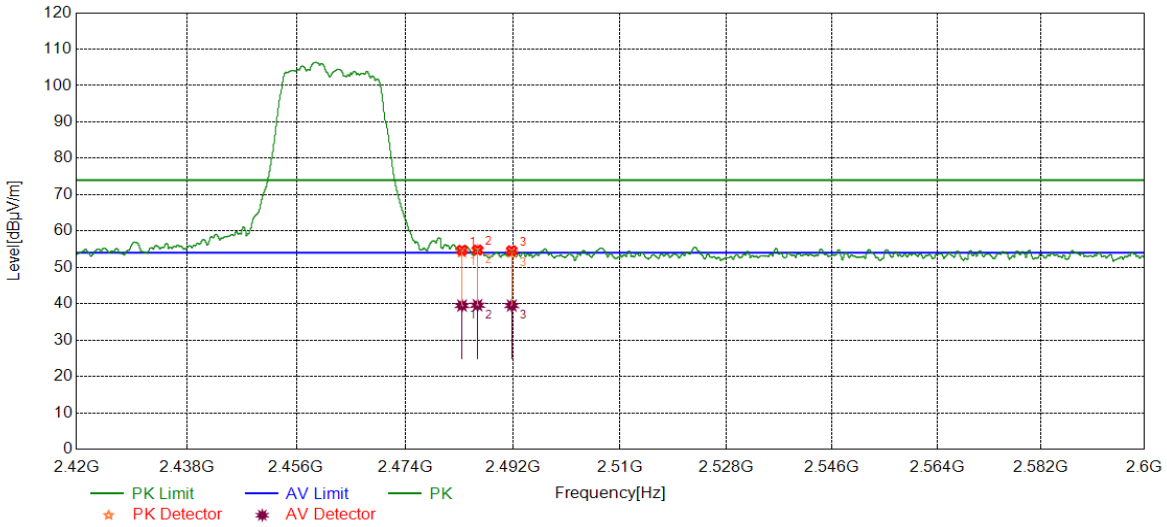
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	41.71	12.97	54.68	74.00	19.32	Peak
		27.15	12.97	40.12	54.00	13.88	Average
2	2490.0063	41.30	13.00	54.30	74.00	19.70	Peak
		26.38	13.00	39.38	54.00	14.62	Average
3	2492.5041	40.85	13.03	53.88	74.00	20.12	Peak
		26.43	13.03	39.46	54.00	14.54	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.

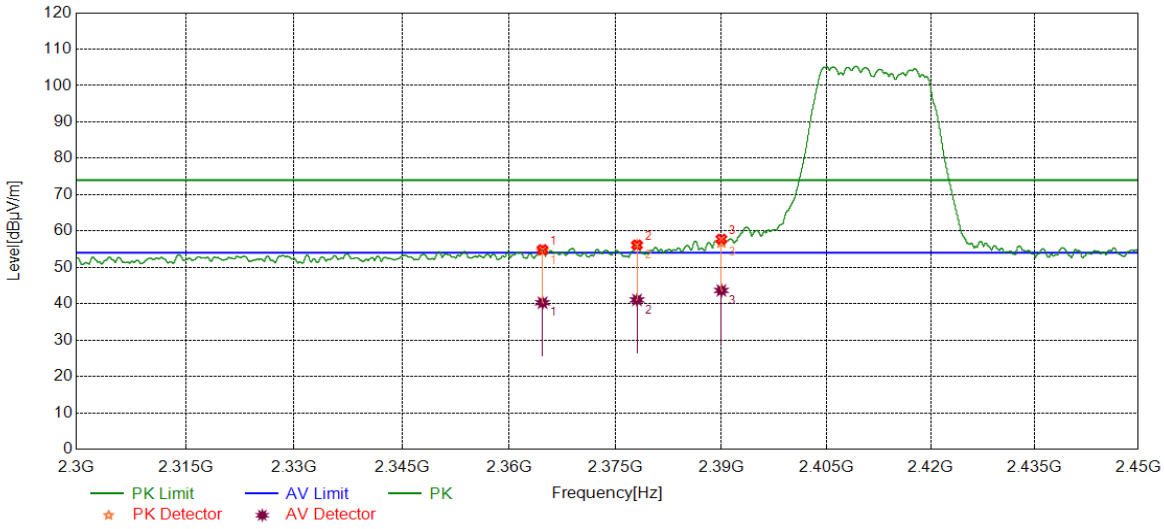
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	41.75	12.97	54.72	74.00	19.28	Peak
		26.53	12.97	39.50	54.00	14.50	Average
2	2486.0908	41.80	12.98	54.78	74.00	19.22	Peak
		26.62	12.98	39.60	54.00	14.40	Average
3	2491.8065	41.56	13.02	54.58	74.00	19.42	Peak
		26.49	13.02	39.51	54.00	14.49	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.

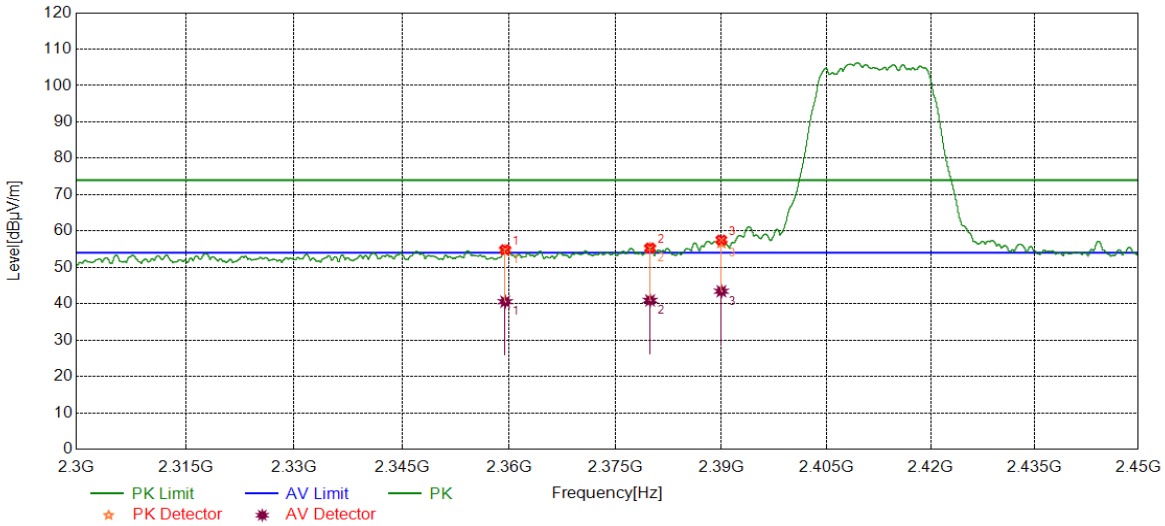
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2364.6956	42.01	12.85	54.86	74.00	19.14	Peak
		27.42	12.85	40.27	54.00	13.73	Average
2	2378.0285	43.12	13.04	56.16	74.00	17.84	Peak
		28.01	13.04	41.05	54.00	12.95	Average
3	2390.0000	44.69	13.07	57.76	74.00	16.24	Peak
		30.58	13.07	43.65	54.00	10.35	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.

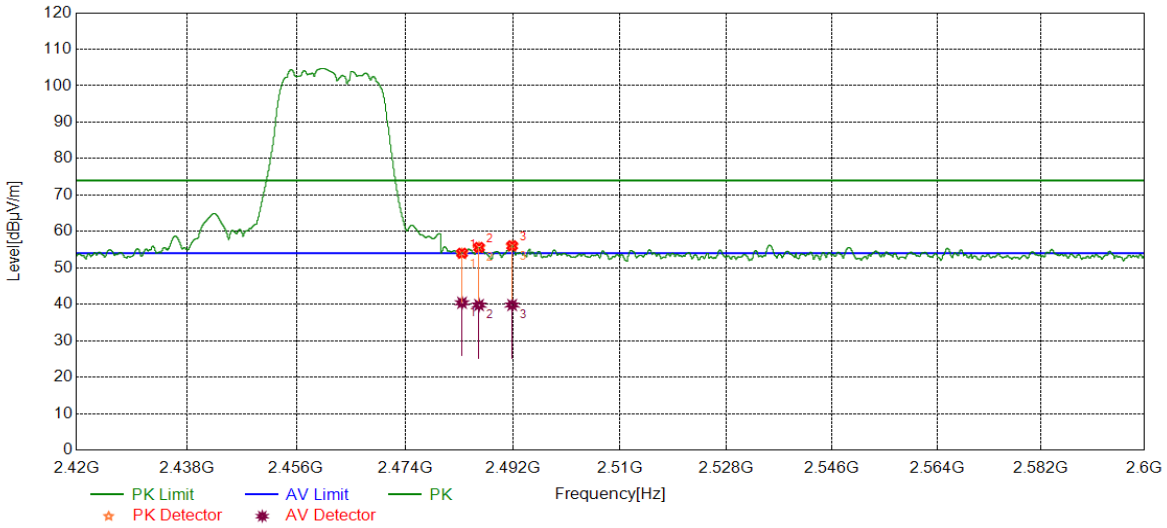
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2359.4449	42.06	12.77	54.83	74.00	19.17	Peak
		27.79	12.77	40.56	54.00	13.44	Average
2	2379.8850	42.26	13.06	55.32	74.00	18.68	Peak
		27.85	13.06	40.91	54.00	13.09	Average
3	2390.0000	44.44	13.07	57.51	74.00	16.49	Peak
		30.37	13.07	43.44	54.00	10.56	Average

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

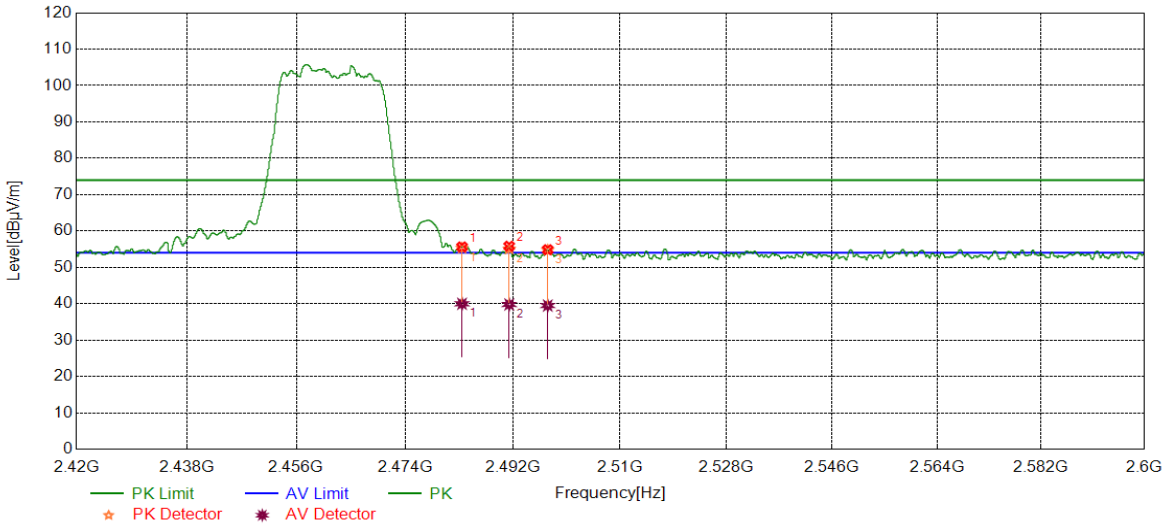
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	41.06	12.97	54.03	74.00	19.97	Peak
		27.45	12.97	40.42	54.00	13.58	Average
2	2486.3383	42.64	12.98	55.62	74.00	18.38	Peak
		26.81	12.98	39.79	54.00	14.21	Average
3	2491.8740	43.06	13.02	56.08	74.00	17.92	Peak
		26.79	13.02	39.81	54.00	14.19	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	42.66	12.97	55.63	74.00	18.37	Peak
		27.02	12.97	39.99	54.00	14.01	Average
2	2491.3789	42.81	13.02	55.83	74.00	18.17	Peak
		26.78	13.02	39.80	54.00	14.20	Average
3	2497.8372	41.75	13.11	54.86	74.00	19.14	Peak
		26.39	13.11	39.50	54.00	14.50	Average

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

7.6.4. SPURIOUS EMISSIONS

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

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

2) For 3GHz~18GHz

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

3) For 18GHz~26.5GHz

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

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

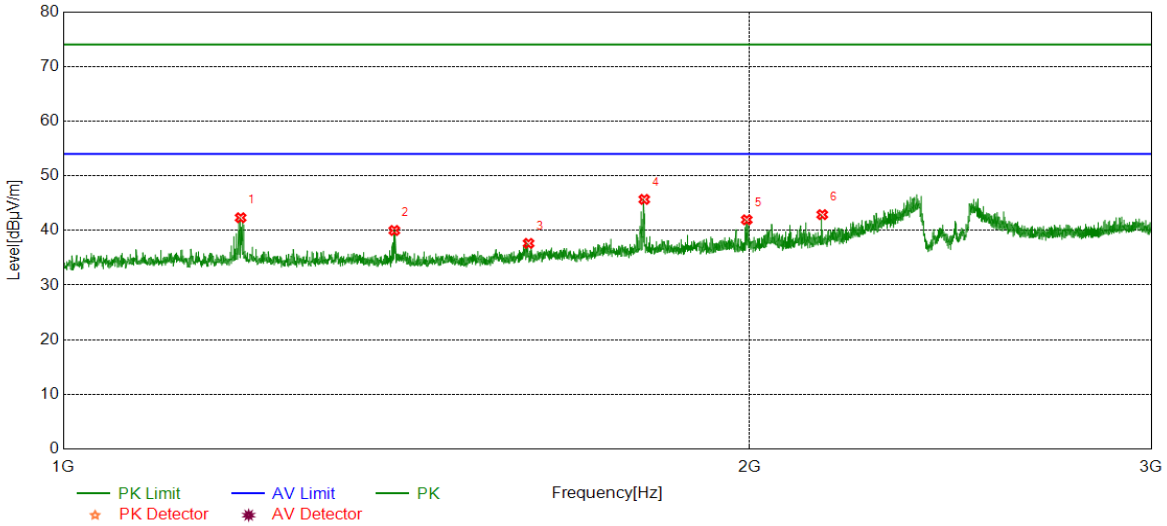
Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<Limit	PASS

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

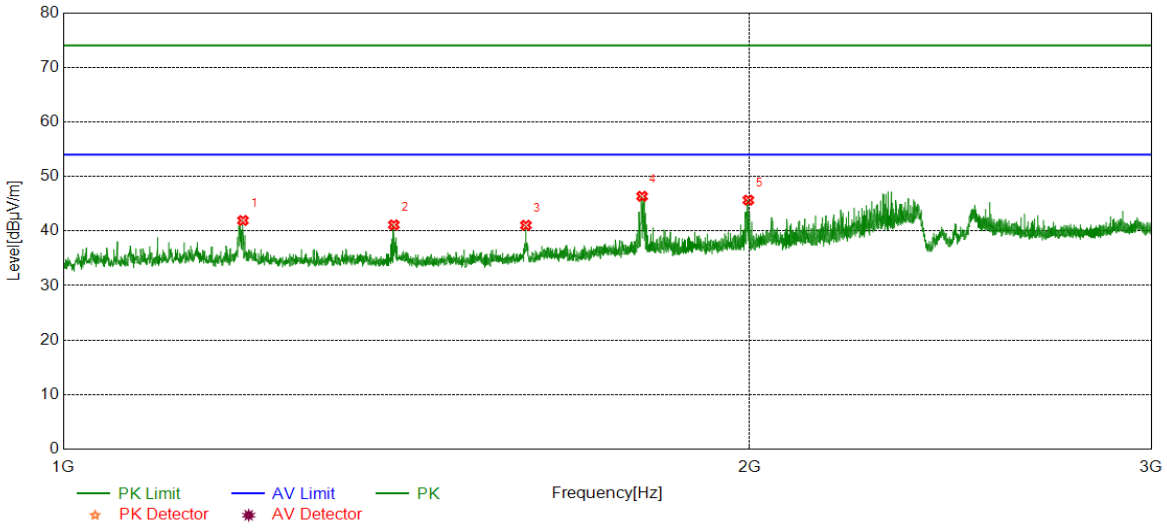
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.2745	47.88	-5.56	42.32	74.00	31.68	Peak
2	1397.0496	45.68	-5.69	39.99	74.00	34.01	Peak
3	1599.8250	42.81	-5.18	37.63	74.00	36.37	Peak
4	1798.0998	49.51	-3.83	45.68	74.00	28.32	Peak
5	1994.1243	44.99	-3.05	41.94	74.00	32.06	Peak
6	2152.1440	45.29	-2.40	42.89	74.00	31.11	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

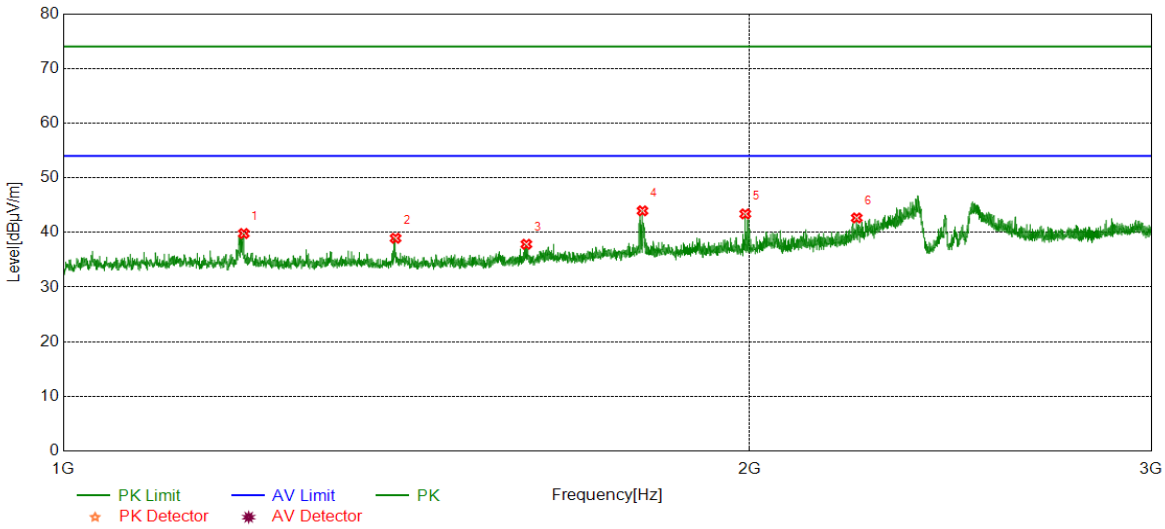
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.0249	47.49	-5.56	41.93	74.00	32.07	Peak
2	1396.2995	46.82	-5.70	41.12	74.00	32.88	Peak
3	1595.5744	46.13	-5.08	41.05	74.00	32.95	Peak
4	1794.0993	50.14	-3.78	46.36	74.00	27.64	Peak
5	1997.3747	48.68	-3.02	45.66	74.00	28.34	Peak
6	1199.0249	47.49	-5.56	41.93	74.00	32.07	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

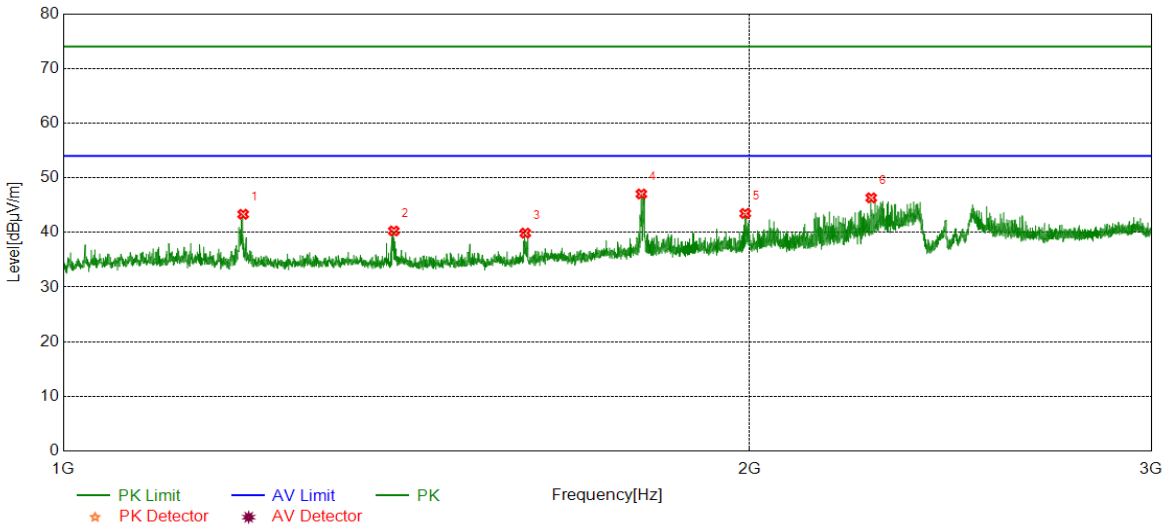
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1200.0250	45.36	-5.56	39.80	74.00	34.20	Peak
2	1398.7999	44.60	-5.67	38.93	74.00	35.07	Peak
3	1596.3245	42.93	-5.09	37.84	74.00	36.16	Peak
4	1794.8494	47.74	-3.79	43.95	74.00	30.05	Peak
5	1991.1239	46.47	-3.08	43.39	74.00	30.61	Peak
6	2228.4036	44.82	-2.17	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 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

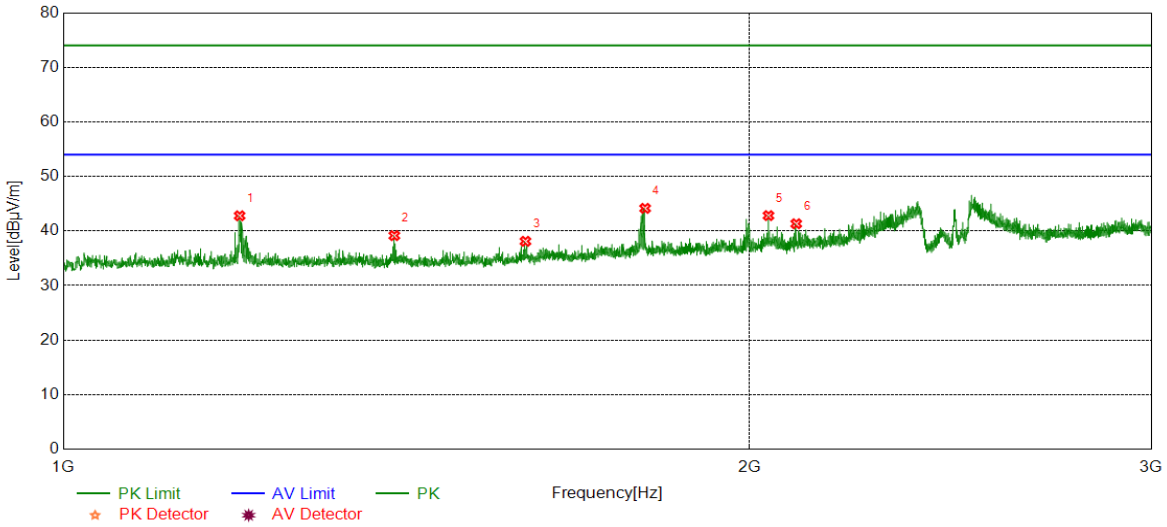
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.2749	48.88	-5.56	43.32	74.00	30.68	Peak
2	1396.2995	45.96	-5.70	40.26	74.00	33.74	Peak
3	1594.5743	44.93	-5.05	39.88	74.00	34.12	Peak
4	1792.8491	50.80	-3.77	47.03	74.00	26.97	Peak
5	1991.1239	46.55	-3.08	43.47	74.00	30.53	Peak
6	2261.1576	48.45	-2.12	46.33	74.00	27.67	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

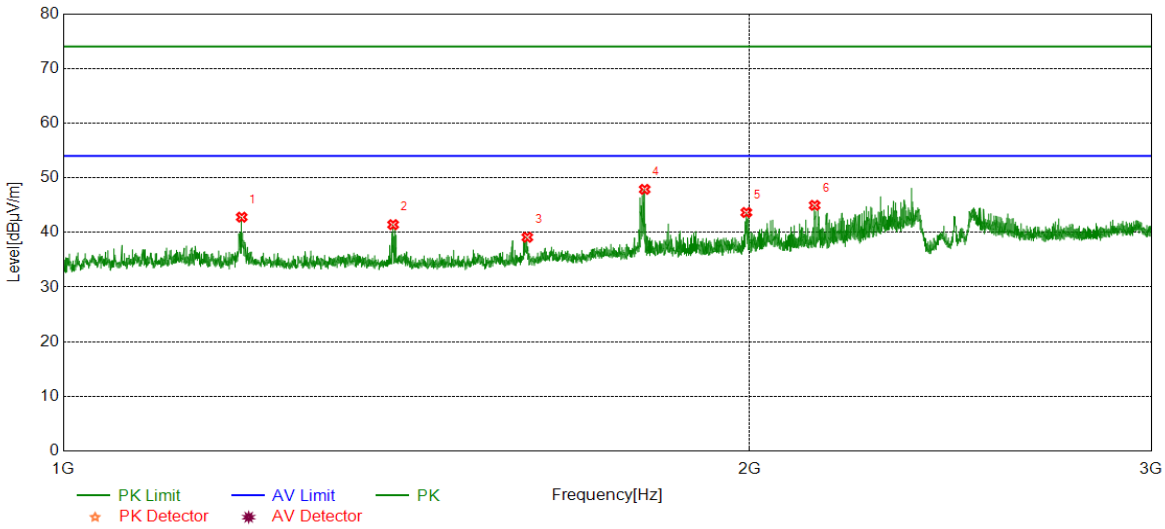
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.0244	48.36	-5.57	42.79	74.00	31.21	Peak
2	1397.0496	44.84	-5.69	39.15	74.00	34.85	Peak
3	1594.8244	43.17	-5.06	38.11	74.00	35.89	Peak
4	1799.6000	47.99	-3.84	44.15	74.00	29.85	Peak
5	2038.3798	45.26	-2.44	42.82	74.00	31.18	Peak
6	2096.3870	43.86	-2.53	41.33	74.00	32.67	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

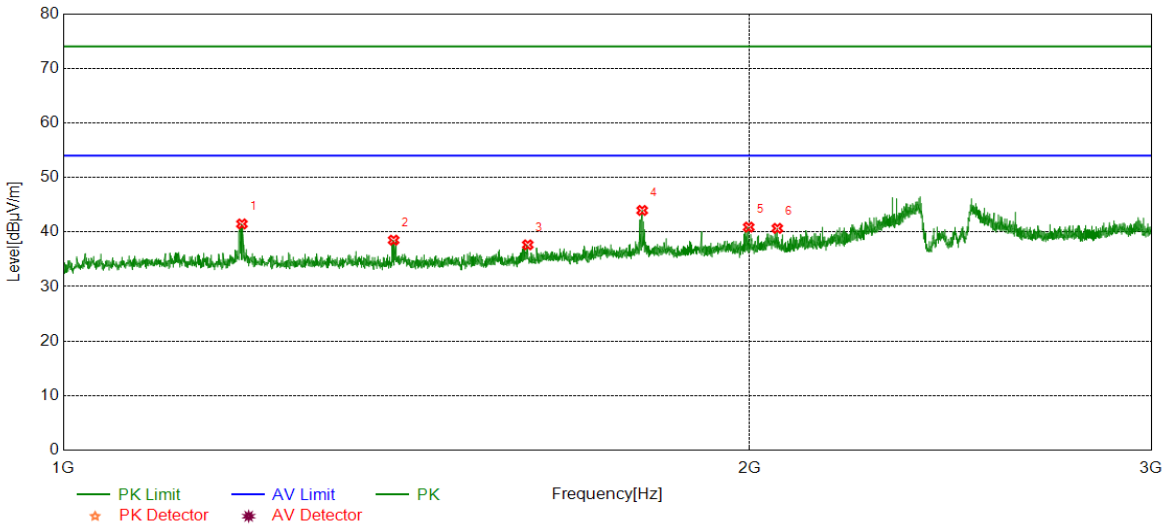
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.5247	48.35	-5.56	42.79	74.00	31.21	Peak
2	1395.2994	47.13	-5.71	41.42	74.00	32.58	Peak
3	1597.8247	44.24	-5.13	39.11	74.00	34.89	Peak
4	1798.8499	51.71	-3.83	47.88	74.00	26.12	Peak
5	1993.3742	46.71	-3.06	43.65	74.00	30.35	Peak
6	2135.6420	47.32	-2.36	44.96	74.00	29.04	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

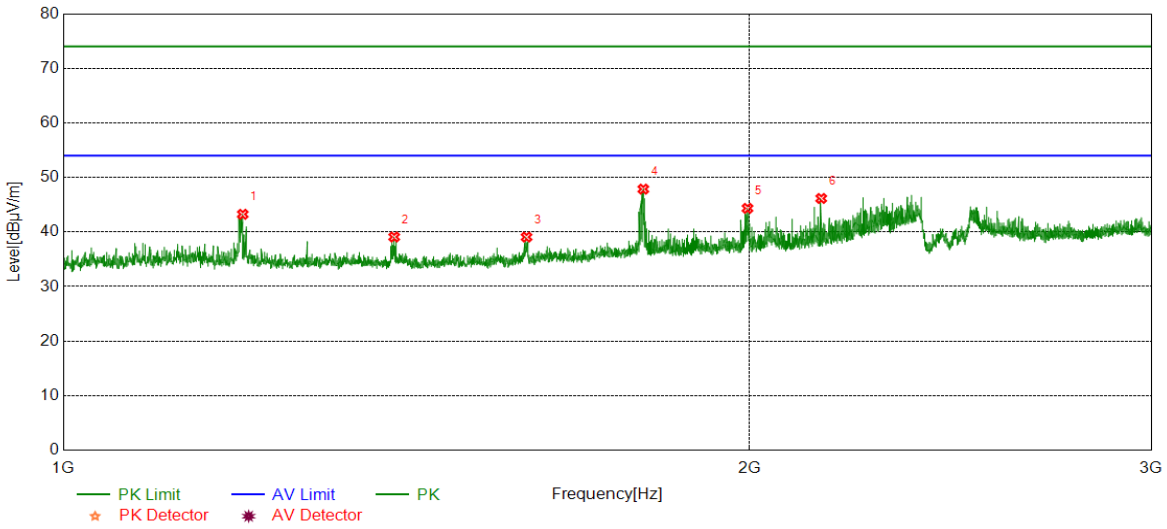
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.7747	47.04	-5.56	41.48	74.00	32.52	Peak
2	1396.0495	44.21	-5.70	38.51	74.00	35.49	Peak
3	1598.5748	42.80	-5.15	37.65	74.00	36.35	Peak
4	1794.3493	47.73	-3.78	43.95	74.00	30.05	Peak
5	1998.1248	43.90	-3.01	40.89	74.00	33.11	Peak
6	2056.6321	43.22	-2.55	40.67	74.00	33.33	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

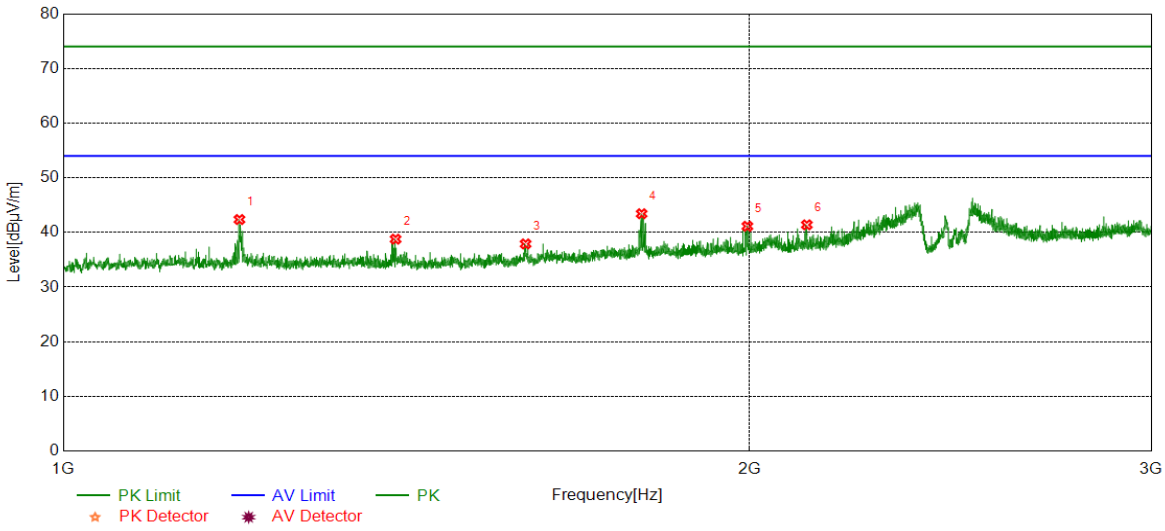
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.7748	48.81	-5.56	43.25	74.00	30.75	Peak
2	1396.7996	44.78	-5.69	39.09	74.00	34.91	Peak
3	1596.5746	44.17	-5.10	39.07	74.00	34.93	Peak
4	1796.3495	51.67	-3.81	47.86	74.00	26.14	Peak
5	1995.6245	47.37	-3.03	44.34	74.00	29.66	Peak
6	2149.8937	48.51	-2.36	46.15	74.00	27.85	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

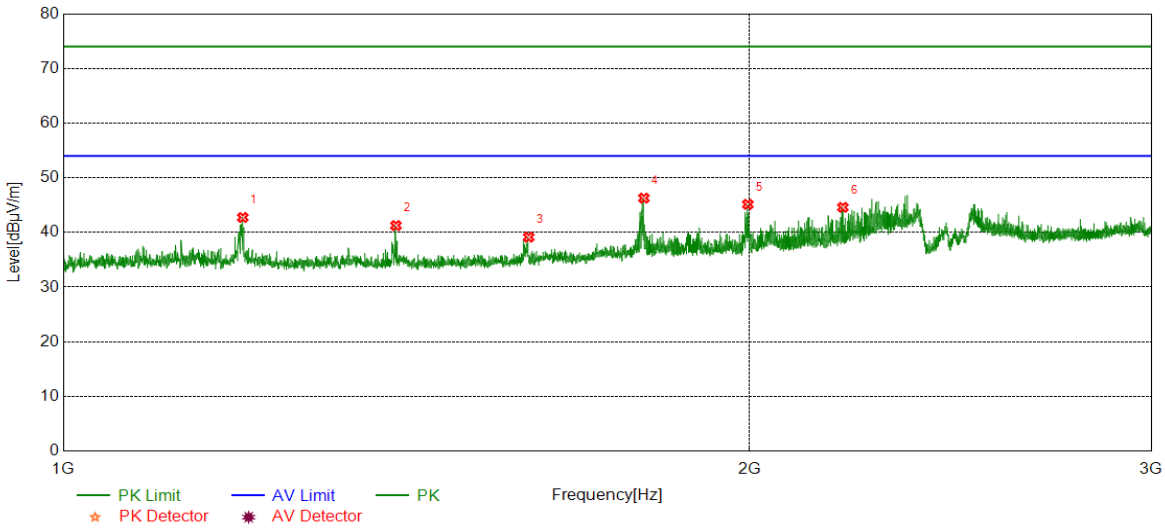
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	47.93	-5.57	42.36	74.00	31.64	Peak
2	1398.7999	44.44	-5.67	38.77	74.00	35.23	Peak
3	1595.0744	42.96	-5.06	37.90	74.00	36.10	Peak
4	1793.3492	47.19	-3.77	43.42	74.00	30.58	Peak
5	1995.3744	44.17	-3.04	41.13	74.00	32.87	Peak
6	2118.8899	43.81	-2.42	41.39	74.00	32.61	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 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

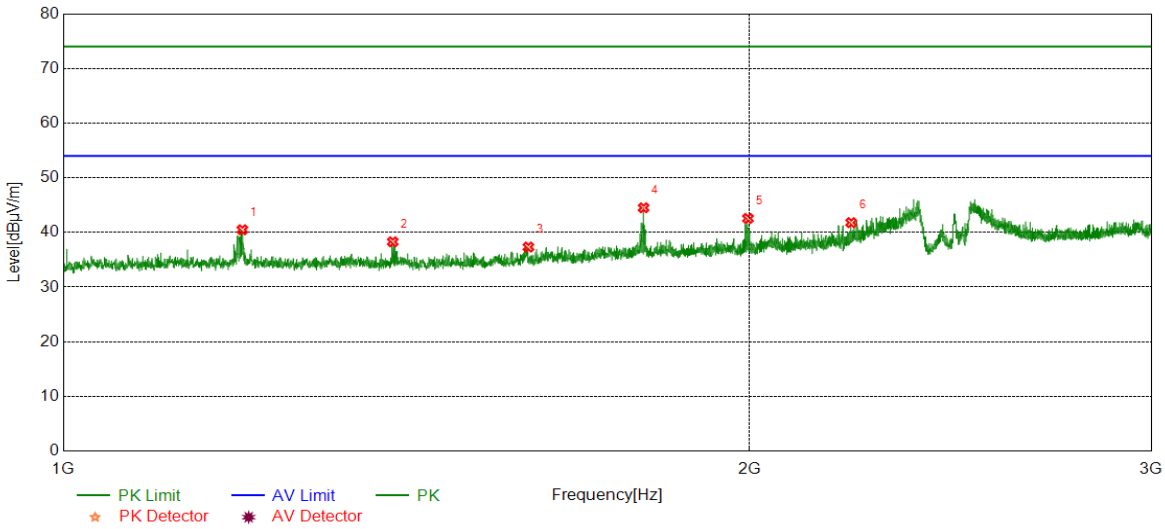
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.7748	48.30	-5.56	42.74	74.00	31.26	Peak
2	1399.2999	46.92	-5.66	41.26	74.00	32.74	Peak
3	1600.0750	44.31	-5.18	39.13	74.00	34.87	Peak
4	1797.3497	50.10	-3.82	46.28	74.00	27.72	Peak
5	1996.3745	48.17	-3.03	45.14	74.00	28.86	Peak
6	2197.3997	46.92	-2.33	44.59	74.00	29.41	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 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

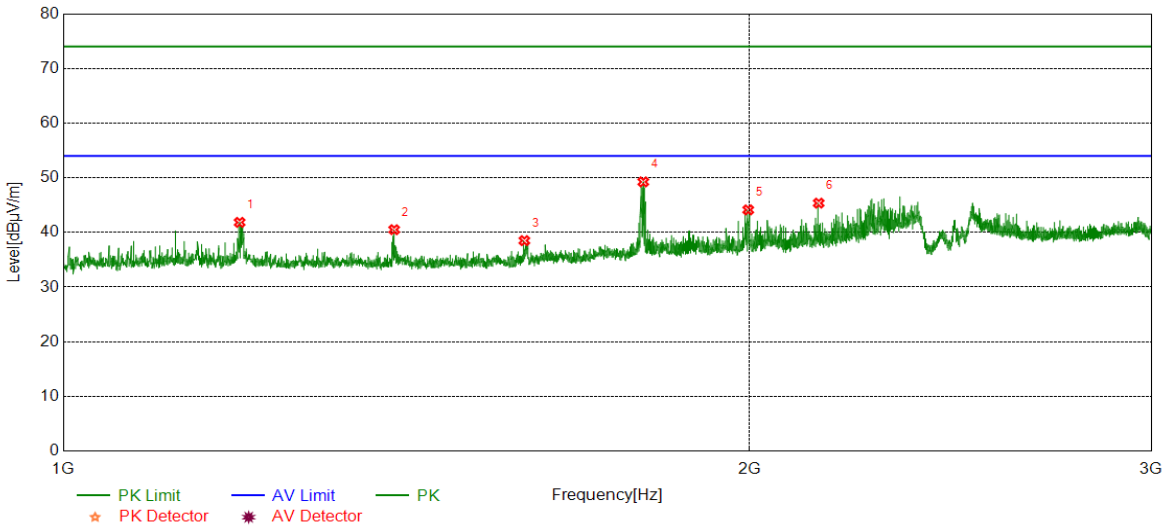
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.2748	46.05	-5.56	40.49	74.00	33.51	Peak
2	1394.7994	44.01	-5.72	38.29	74.00	35.71	Peak
3	1599.5749	42.49	-5.17	37.32	74.00	36.68	Peak
4	1796.8496	48.32	-3.81	44.51	74.00	29.49	Peak
5	1996.6246	45.58	-3.02	42.56	74.00	31.44	Peak
6	2215.9020	44.06	-2.27	41.79	74.00	32.21	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

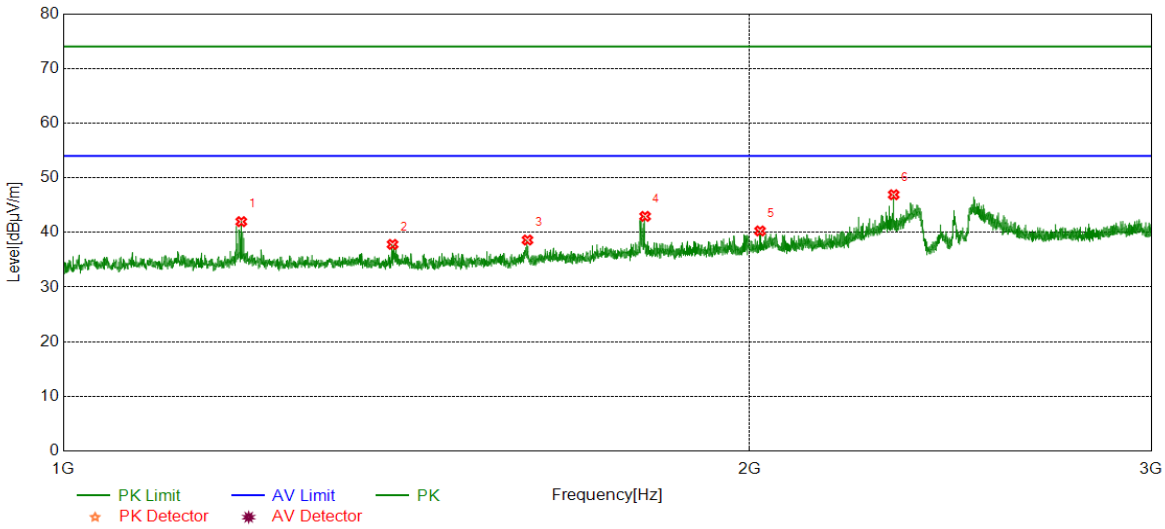
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.0244	47.41	-5.57	41.84	74.00	32.16	Peak
2	1396.7996	46.19	-5.69	40.50	74.00	33.50	Peak
3	1593.0741	43.52	-5.02	38.50	74.00	35.50	Peak
4	1796.3495	53.06	-3.81	49.25	74.00	24.75	Peak
5	1997.1246	47.15	-3.02	44.13	74.00	29.87	Peak
6	2144.3930	47.74	-2.38	45.36	74.00	28.64	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

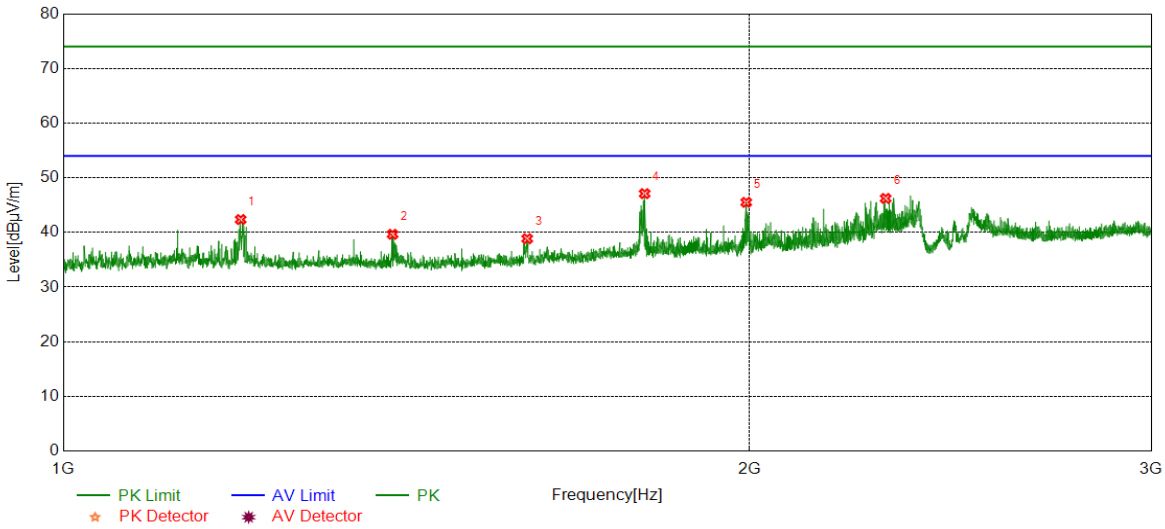
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.0246	47.53	-5.56	41.97	74.00	32.03	Peak
2	1394.5493	43.53	-5.72	37.81	74.00	36.19	Peak
3	1598.0748	43.75	-5.14	38.61	74.00	35.39	Peak
4	1799.6000	46.78	-3.84	42.94	74.00	31.06	Peak
5	2021.1276	43.09	-2.82	40.27	74.00	33.73	Peak
6	2313.1641	48.55	-1.65	46.90	74.00	27.10	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

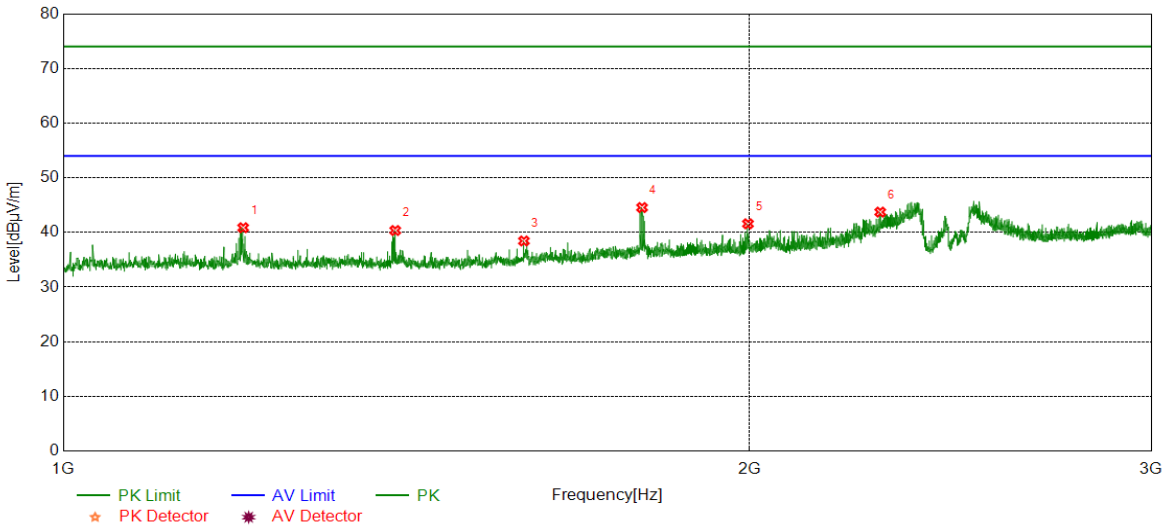
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.2745	47.92	-5.56	42.36	74.00	31.64	Peak
2	1394.5493	45.38	-5.72	39.66	74.00	34.34	Peak
3	1597.5747	43.97	-5.12	38.85	74.00	35.15	Peak
4	1798.8499	50.93	-3.83	47.10	74.00	26.90	Peak
5	1993.1241	48.57	-3.06	45.51	74.00	28.49	Peak
6	2294.4118	48.12	-1.90	46.22	74.00	27.78	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

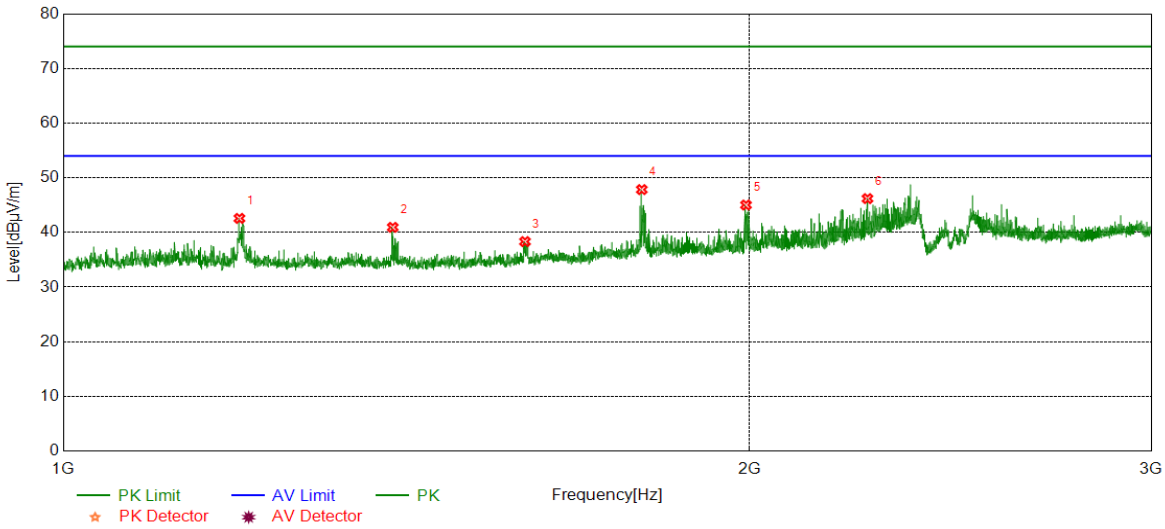
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.2749	46.42	-5.56	40.86	74.00	33.14	Peak
2	1398.2998	46.03	-5.68	40.35	74.00	33.65	Peak
3	1592.3240	43.44	-5.00	38.44	74.00	35.56	Peak
4	1794.0993	48.33	-3.78	44.55	74.00	29.45	Peak
5	1996.6246	44.60	-3.02	41.58	74.00	32.42	Peak
6	2281.9102	45.66	-1.94	43.72	74.00	30.28	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

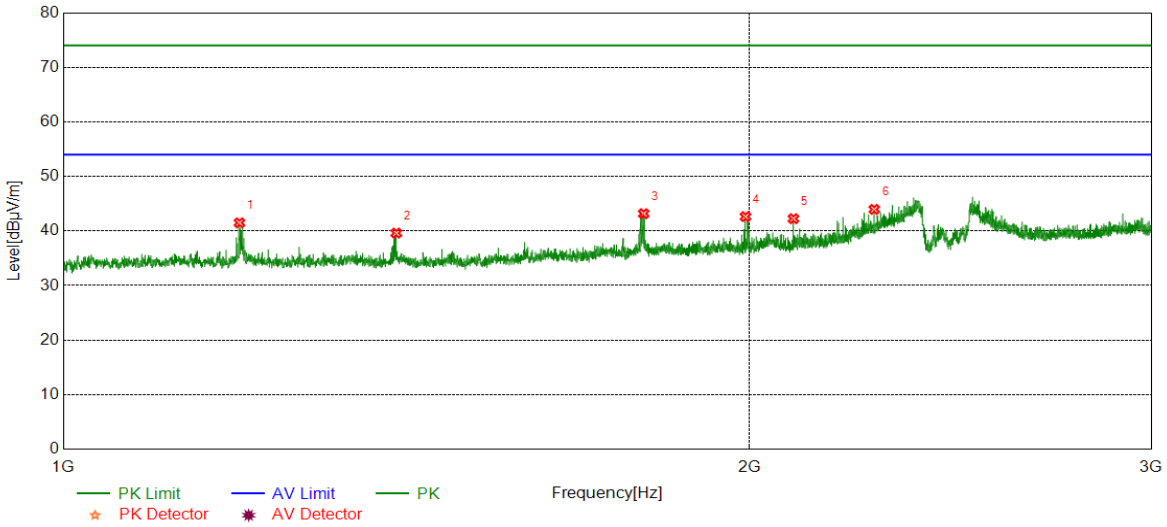
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	48.14	-5.57	42.57	74.00	31.43	Peak
2	1394.7994	46.65	-5.72	40.93	74.00	33.07	Peak
3	1594.0743	43.36	-5.04	38.32	74.00	35.68	Peak
4	1793.5992	51.62	-3.78	47.84	74.00	26.16	Peak
5	1992.6241	48.08	-3.06	45.02	74.00	28.98	Peak
6	2252.6566	48.27	-2.08	46.19	74.00	27.81	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

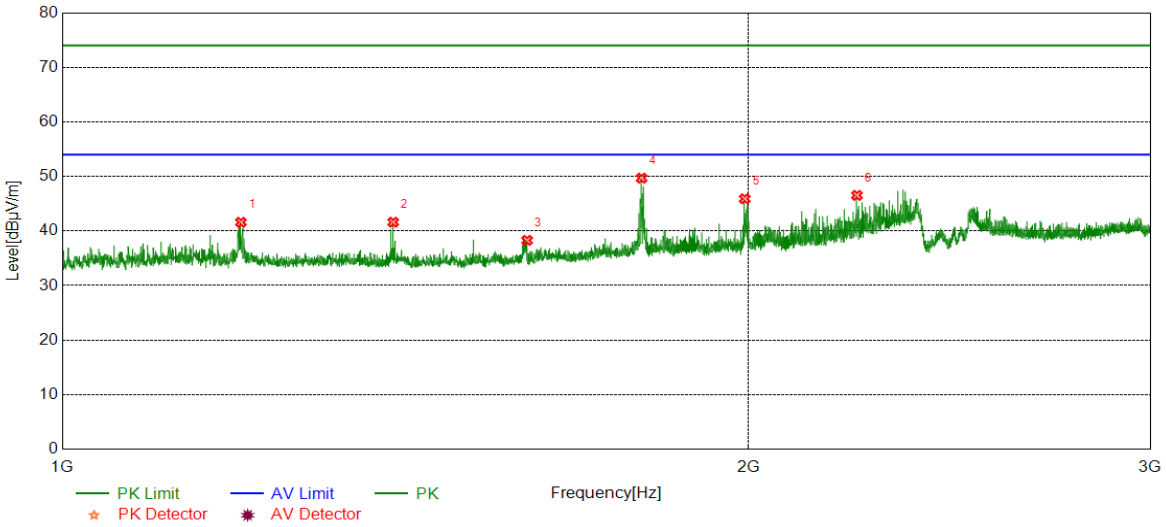
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	47.07	-5.57	41.50	74.00	32.50	Peak
2	1399.8000	45.28	-5.66	39.62	74.00	34.38	Peak
3	1797.0996	46.99	-3.81	43.18	74.00	30.82	Peak
4	1991.6240	45.70	-3.07	42.63	74.00	31.37	Peak
5	2090.3863	44.84	-2.58	42.26	74.00	31.74	Peak
6	2268.1585	46.07	-2.11	43.96	74.00	30.04	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



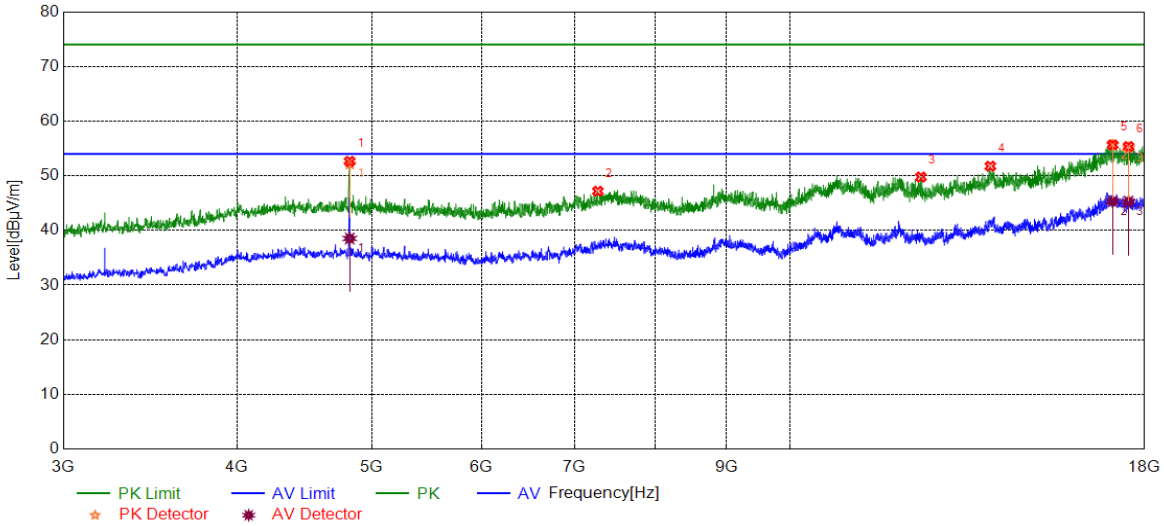
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.7747	47.16	-5.56	41.60	74.00	32.40	Peak
2	1396.7996	47.31	-5.69	41.62	74.00	32.38	Peak
3	1599.0749	43.44	-5.16	38.28	74.00	35.72	Peak
4	1795.0994	53.48	-3.79	49.69	74.00	24.31	Peak
5	1992.1240	48.98	-3.07	45.91	74.00	28.09	Peak
6	2231.1539	48.71	-2.18	46.53	74.00	27.47	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Part II: 3GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

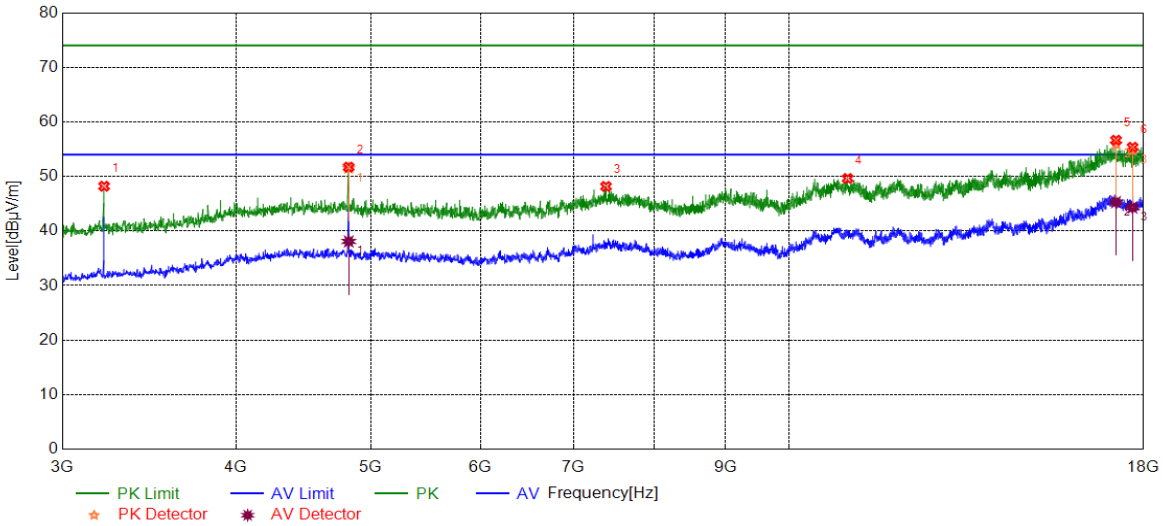
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4822.7278	47.29	5.35	52.64	74.00	21.36	Peak
		33.17	5.35	38.52	54.00	15.48	Average
2	7275.5344	38.56	8.62	47.18	74.00	26.82	Peak
3	12424.9281	38.49	11.28	49.77	74.00	24.23	Peak
4	13940.1175	37.37	14.38	51.75	74.00	22.25	Peak
5	17071.7590	36.56	19.11	55.67	74.00	18.33	Peak
		26.20	19.11	45.31	54.00	8.69	Average
6	17527.4409	37.48	17.87	55.35	74.00	18.65	Peak
		27.40	17.87	45.27	54.00	8.73	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

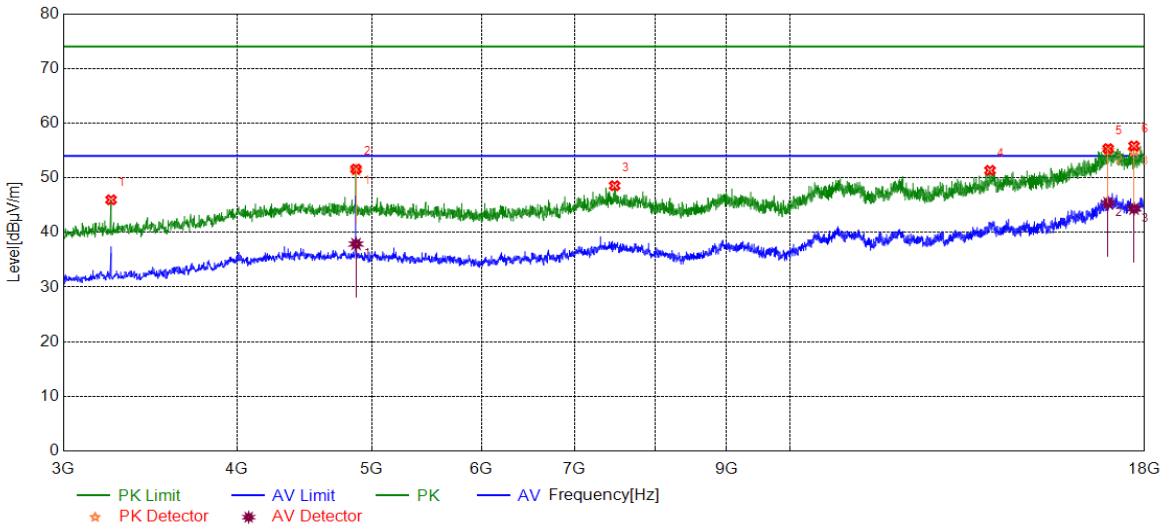
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3215.6520	47.33	0.88	48.21	74.00	25.79	Peak
2	4822.7278	46.36	5.35	51.71	74.00	22.29	Peak
		32.74	5.35	38.09	54.00	15.91	Average
3	7386.1733	39.58	8.59	48.17	74.00	25.83	Peak
4	11022.2528	37.13	12.50	49.63	74.00	24.37	Peak
5	17195.5244	38.36	18.28	56.64	74.00	17.36	Peak
		27.01	18.28	45.29	54.00	8.71	Average
6	17673.7092	37.60	17.76	55.36	74.00	18.64	Peak
		26.55	17.76	44.31	54.00	9.69	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

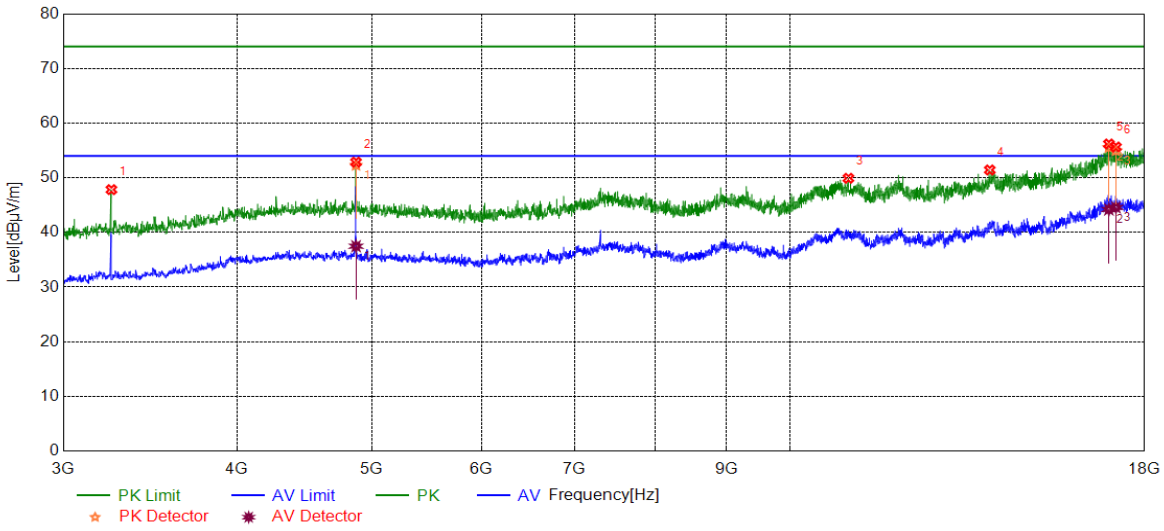
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3247.5309	44.92	1.05	45.97	74.00	28.03	Peak
2	4873.3592	46.27	5.32	51.59	74.00	22.41	Peak
		32.56	5.32	37.88	54.00	16.12	Average
3	7479.9350	39.71	8.84	48.55	74.00	25.45	Peak
4	13932.6166	36.91	14.44	51.35	74.00	22.65	Peak
5	16944.2430	36.91	18.41	55.32	74.00	18.68	Peak
		26.95	18.41	45.36	54.00	8.64	Average
6	17686.8359	37.86	17.96	55.82	74.00	18.18	Peak
		26.37	17.96	44.33	54.00	9.67	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

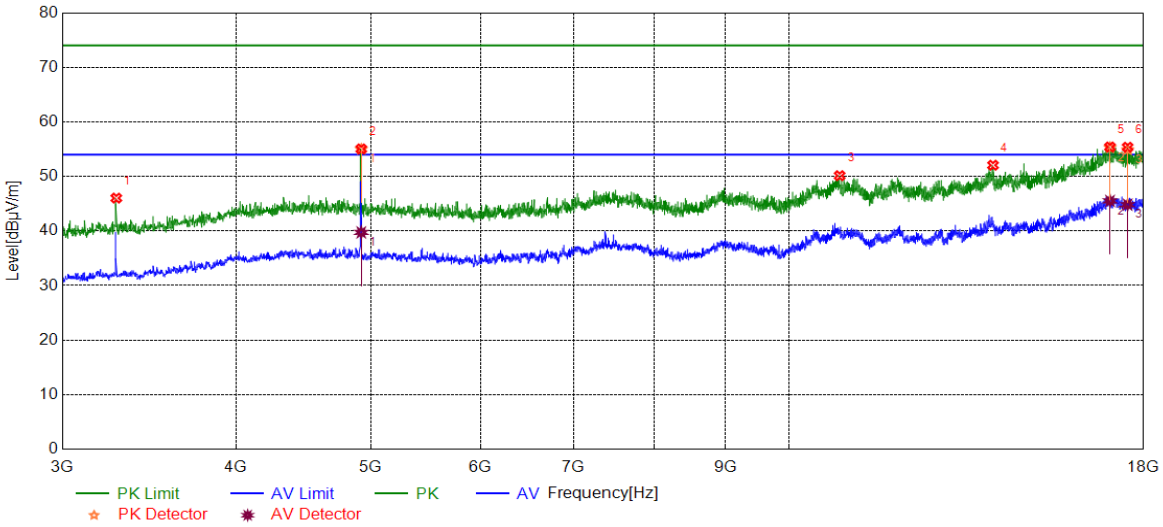
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3249.4062	46.80	1.03	47.83	74.00	26.17	Peak
2	4873.3592	47.54	5.32	52.86	74.00	21.14	Peak
		32.16	5.32	37.48	54.00	16.52	Average
3	11018.5023	37.37	12.54	49.91	74.00	24.09	Peak
4	13926.9909	37.11	14.32	51.43	74.00	22.57	Peak
5	16964.8706	37.62	18.56	56.18	74.00	17.82	Peak
		25.64	18.56	44.20	54.00	9.80	Average
6	17163.6455	37.35	18.28	55.63	74.00	18.37	Peak
		26.30	18.28	44.58	54.00	9.42	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

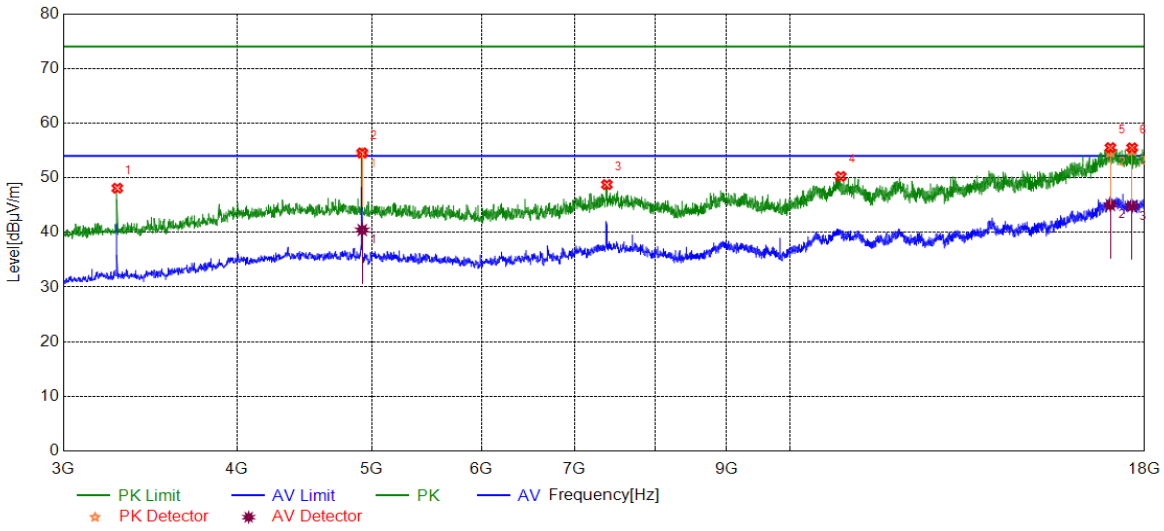
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	44.57	1.46	46.03	74.00	27.97	Peak
2	4923.9905	49.86	5.18	55.04	74.00	18.96	Peak
		34.56	5.18	39.74	54.00	14.26	Average
3	10877.8597	37.92	12.22	50.14	74.00	23.86	Peak
4	14024.5031	37.61	14.45	52.06	74.00	21.94	Peak
5	17024.8781	36.72	18.68	55.40	74.00	18.60	Peak
		26.84	18.68	45.52	54.00	8.48	Average
6	17529.3162	37.45	17.91	55.36	74.00	18.64	Peak
		26.92	17.91	44.83	54.00	9.17	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

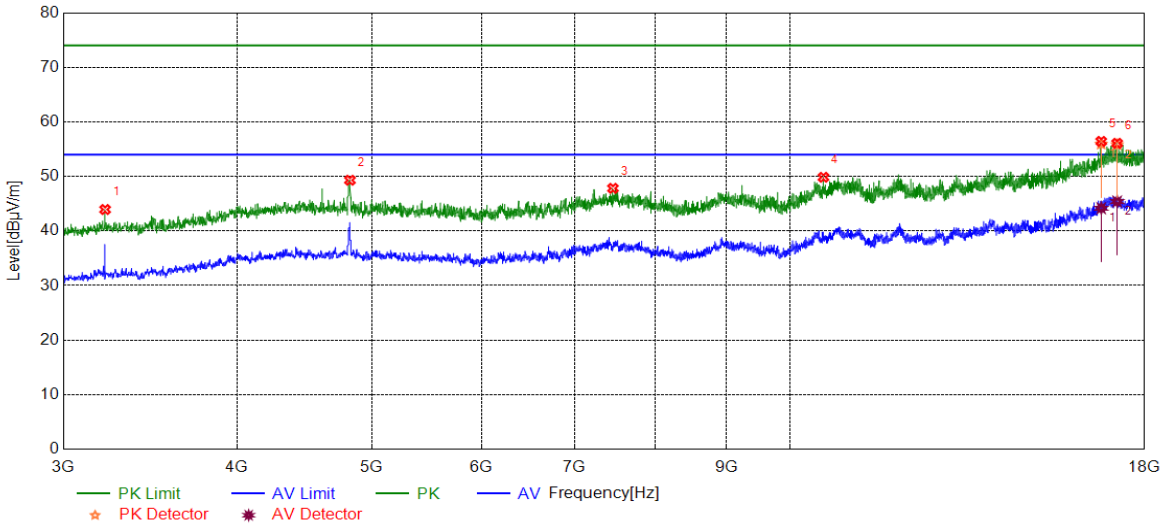
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	46.63	1.46	48.09	74.00	25.91	Peak
2	4923.9905	49.38	5.18	54.56	74.00	19.44	Peak
		35.26	5.18	40.44	54.00	13.56	Average
3	7384.2980	40.16	8.59	48.75	74.00	25.25	Peak
4	10879.7350	38.00	12.24	50.24	74.00	23.76	Peak
5	17008.0010	36.98	18.53	55.51	74.00	18.49	Peak
		26.48	18.53	45.01	54.00	8.99	Average
6	17628.7036	38.20	17.28	55.48	74.00	18.52	Peak
		27.53	17.28	44.81	54.00	9.19	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

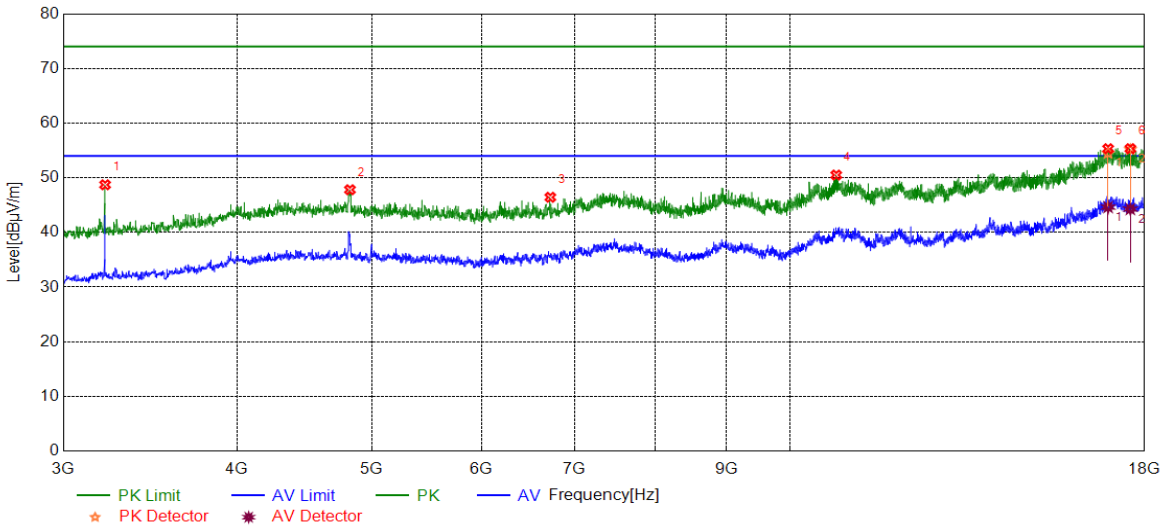
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3215.6520	43.06	0.88	43.94	74.00	30.06	Peak
2	4824.6031	43.91	5.40	49.31	74.00	24.69	Peak
3	7459.3074	39.21	8.61	47.82	74.00	26.18	Peak
4	10572.1965	37.98	11.87	49.85	74.00	24.15	Peak
5	16751.0939	38.85	17.58	56.43	74.00	17.57	Peak
		26.59	17.58	44.17	54.00	9.83	Average
6	17199.2749	37.73	18.35	56.08	74.00	17.92	Peak
		27.05	18.35	45.40	54.00	8.60	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

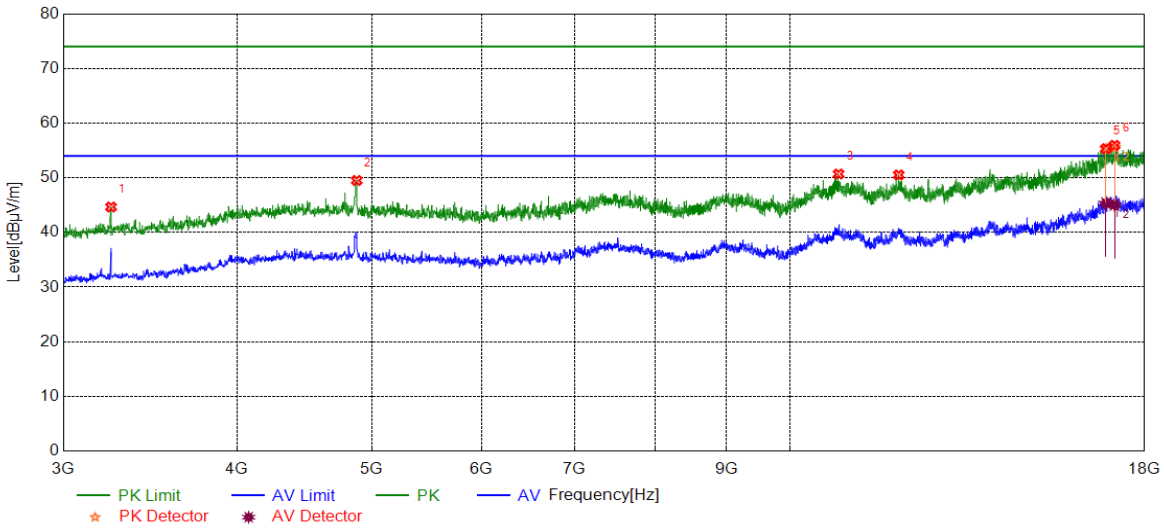
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3215.6520	47.84	0.88	48.72	74.00	25.28	Peak
2	4824.6031	42.41	5.40	47.81	74.00	26.19	Peak
3	6724.2155	38.77	7.66	46.43	74.00	27.57	Peak
4	10799.0999	38.46	12.04	50.50	74.00	23.50	Peak
5	16944.2430	36.91	18.41	55.32	74.00	18.68	Peak
		26.22	18.41	44.63	54.00	9.37	Average
6	17579.9475	37.77	17.56	55.33	74.00	18.67	Peak
		26.71	17.56	44.27	54.00	9.73	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

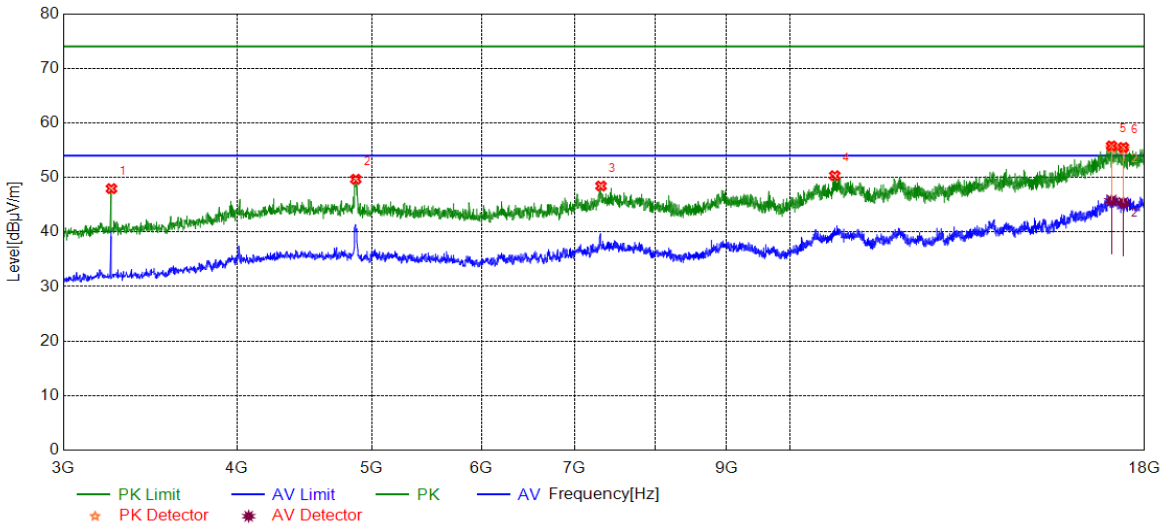
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3247.5309	43.61	1.05	44.66	74.00	29.34	Peak
2	4878.9849	44.17	5.33	49.50	74.00	24.50	Peak
3	10840.3550	38.54	12.15	50.69	74.00	23.31	Peak
4	11976.7471	37.81	12.71	50.52	74.00	23.48	Peak
5	16884.2355	37.56	17.77	55.33	74.00	18.67	Peak
		27.56	17.77	45.33	54.00	8.67	Average
6	17124.2655	37.96	17.98	55.94	74.00	18.06	Peak
		27.08	17.98	45.06	54.00	8.94	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

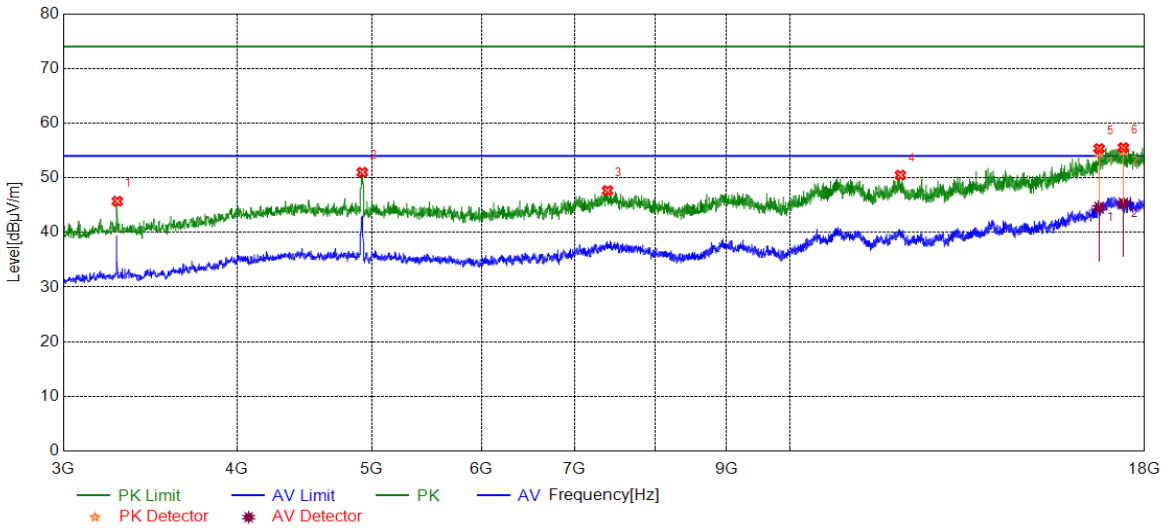
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3249.4062	46.92	1.03	47.95	74.00	26.05	Peak
2	4871.4839	44.35	5.32	49.67	74.00	24.33	Peak
3	7313.0391	39.96	8.47	48.43	74.00	25.57	Peak
4	10772.8466	38.06	12.26	50.32	74.00	23.68	Peak
5	17041.7552	36.95	18.83	55.78	74.00	18.22	Peak
		26.90	18.83	45.73	54.00	8.27	Average
6	17375.5469	36.94	18.56	55.50	74.00	18.50	Peak
		26.76	18.56	45.32	54.00	8.68	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 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

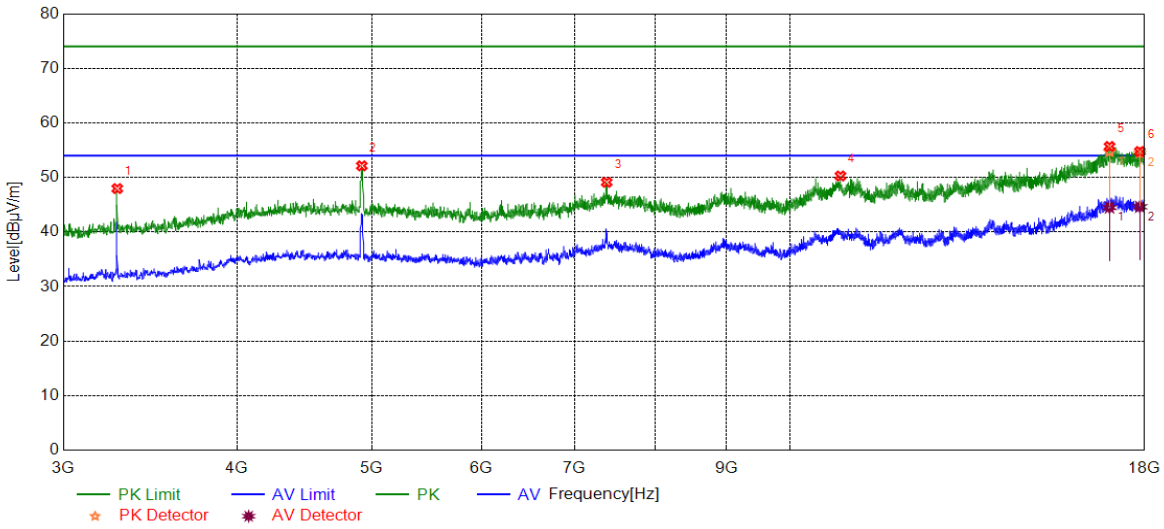
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	44.25	1.46	45.71	74.00	28.29	Peak
2	4923.9905	45.82	5.18	51.00	74.00	23.00	Peak
3	7391.7990	39.05	8.60	47.65	74.00	26.35	Peak
4	12010.5013	37.77	12.70	50.47	74.00	23.53	Peak
5	16692.9616	37.23	18.11	55.34	74.00	18.66	Peak
		26.45	18.11	44.56	54.00	9.44	Average
6	17377.4222	36.93	18.58	55.51	74.00	18.49	Peak
		26.74	18.58	45.32	54.00	8.68	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 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

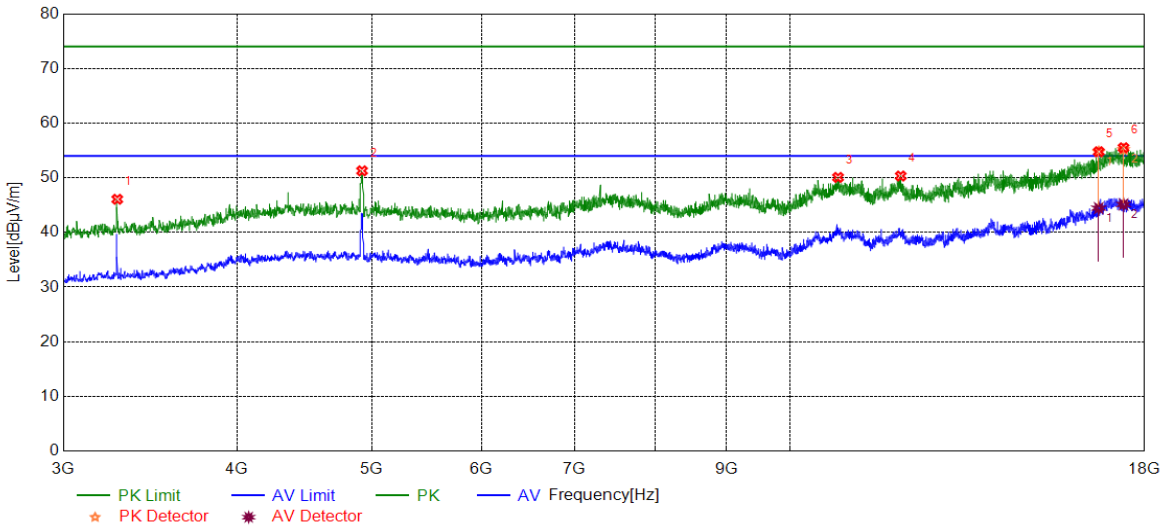
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3281.2852	46.50	1.46	47.96	74.00	26.04	Peak
2	4920.2400	46.93	5.20	52.13	74.00	21.87	Peak
3	7382.4228	40.52	8.59	49.11	74.00	24.89	Peak
4	10874.1093	38.08	12.19	50.27	74.00	23.73	Peak
5	16983.6230	36.91	18.77	55.68	74.00	18.32	Peak
		25.72	18.77	44.49	54.00	9.51	Average
6	17859.3574	36.31	18.45	54.76	74.00	19.24	Peak
		26.17	18.45	44.62	54.00	9.38	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

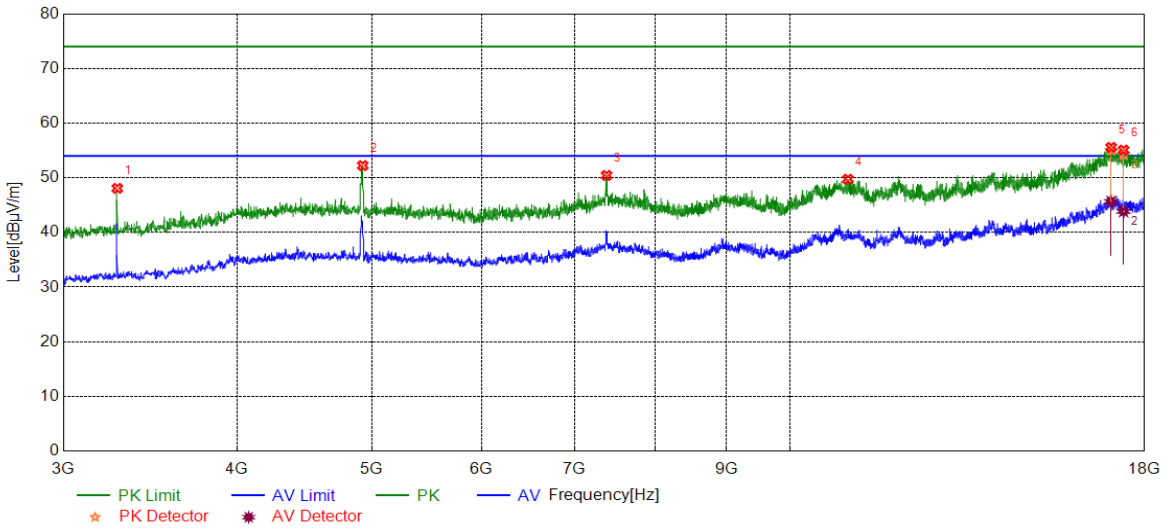
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	44.61	1.46	46.07	74.00	27.93	Peak
2	4922.1153	46.08	5.19	51.27	74.00	22.73	Peak
3	10830.9789	38.02	12.05	50.07	74.00	23.93	Peak
4	12016.1270	37.61	12.71	50.32	74.00	23.68	Peak
5	16681.7102	36.91	17.86	54.77	74.00	19.23	Peak
		26.58	17.86	44.44	54.00	9.56	Average
6	17381.1726	36.99	18.51	55.50	74.00	18.50	Peak
		26.62	18.51	45.13	54.00	8.87	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

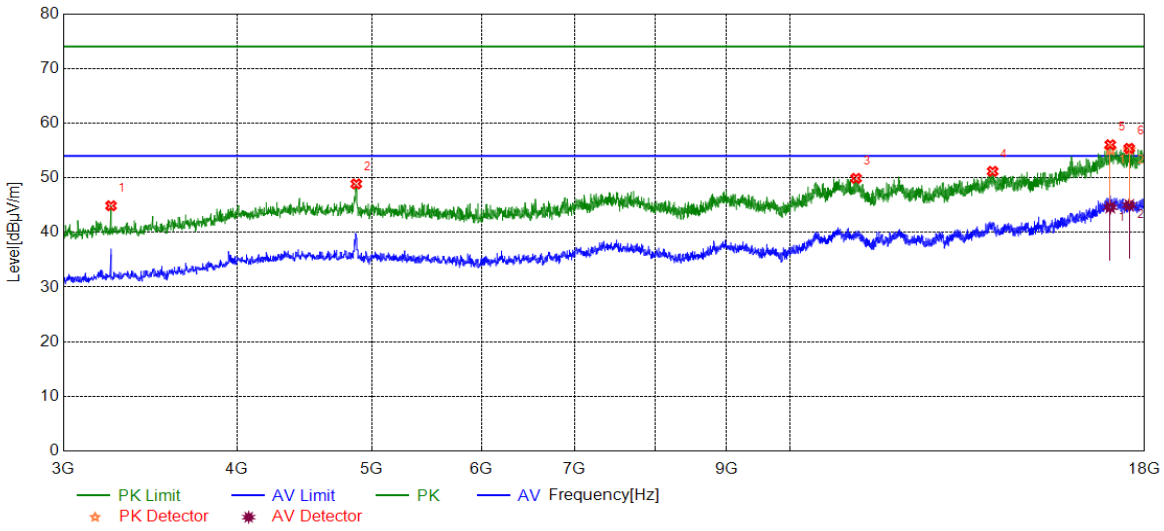
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	46.61	1.46	48.07	74.00	25.93	Peak
2	4927.7410	47.09	5.15	52.24	74.00	21.76	Peak
3	7380.5476	41.83	8.60	50.43	74.00	23.57	Peak
4	11009.1261	37.30	12.44	49.74	74.00	24.26	Peak
5	17028.6286	36.63	18.94	55.57	74.00	18.43	Peak
		26.69	18.94	45.63	54.00	8.37	Average
6	17383.0479	36.73	18.35	55.08	74.00	18.92	Peak
		25.51	18.35	43.86	54.00	10.14	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

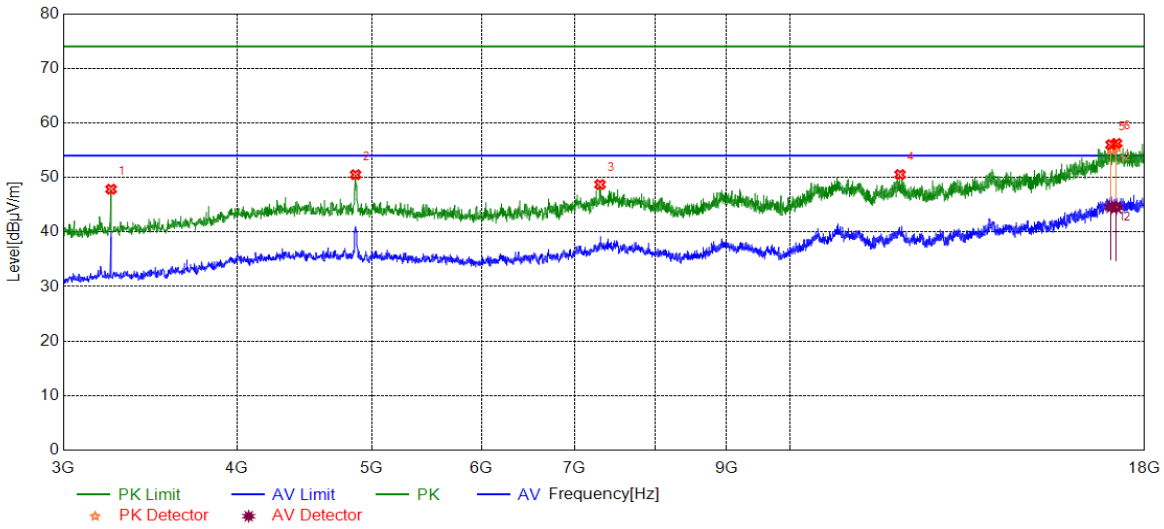
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3247.5309	43.83	1.05	44.88	74.00	29.12	Peak
2	4875.2344	43.55	5.33	48.88	74.00	25.12	Peak
3	11159.1449	37.85	12.04	49.89	74.00	24.11	Peak
4	13992.6241	37.07	14.11	51.18	74.00	22.82	Peak
5	17004.2505	37.49	18.55	56.04	74.00	17.96	Peak
		26.05	18.55	44.60	54.00	9.40	Average
6	17546.1933	37.56	17.82	55.38	74.00	18.62	Peak
		27.17	17.82	44.99	54.00	9.01	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

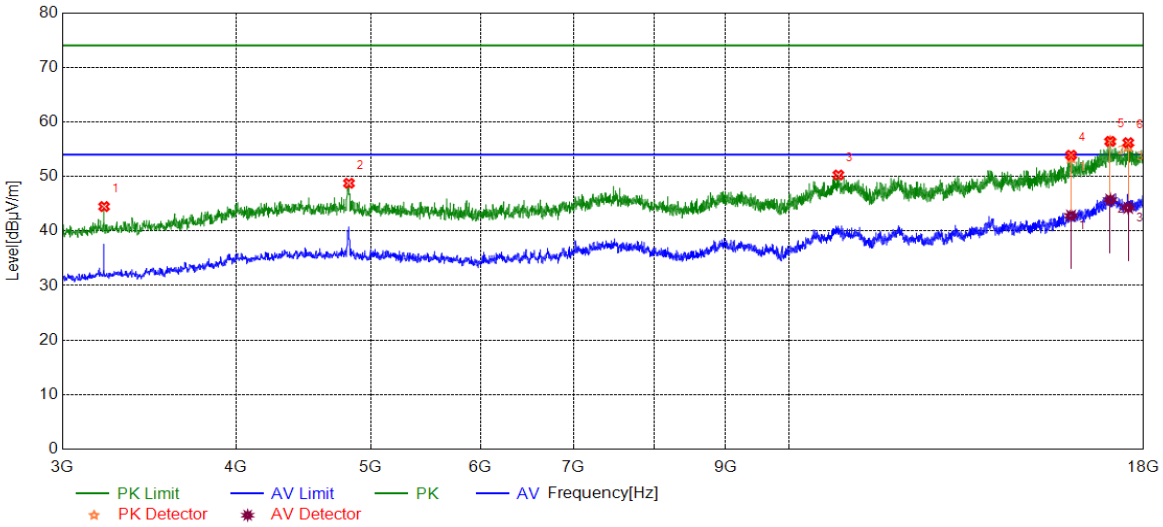
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3247.5309	46.80	1.05	47.85	74.00	26.15	peak
2	4869.6087	45.19	5.32	50.51	74.00	23.49	peak
3	7301.7877	40.17	8.53	48.70	74.00	25.30	peak
4	12003.0004	37.63	12.90	50.53	74.00	23.47	peak
5	17030.5038	36.98	19.03	56.01	74.00	17.99	peak
		25.57	19.03	44.60	54.00	9.40	average
6	17180.5226	38.20	18.05	56.25	74.00	17.75	peak
		26.47	18.05	44.52	54.00	9.48	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

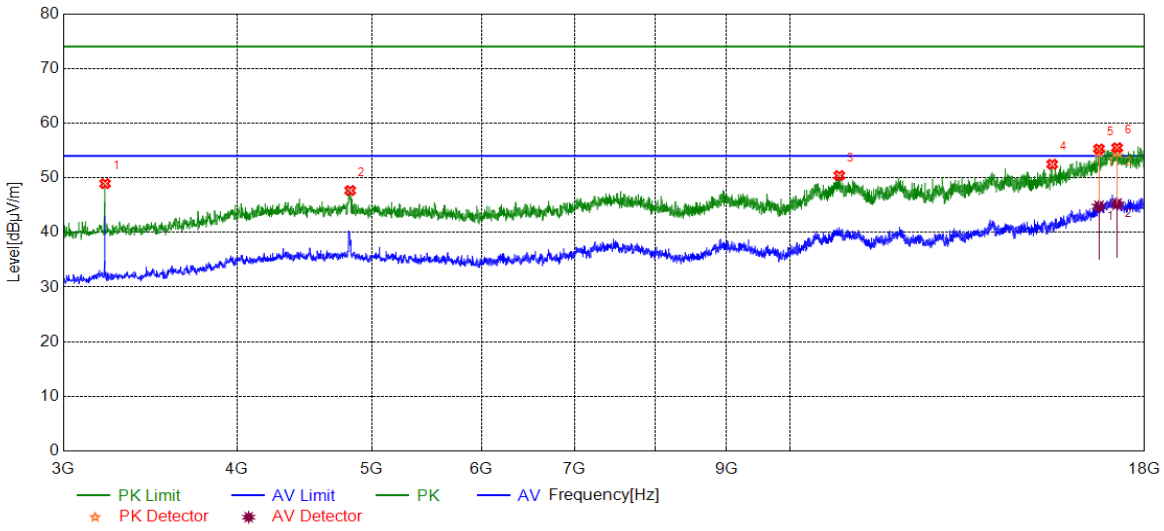
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3215.6520	43.60	0.88	44.48	74.00	29.52	Peak
2	4924.6031	43.35	5.18	48.53	74.00	25.47	Peak
3	10855.3569	37.97	12.29	50.26	74.00	23.74	Peak
4	15961.6202	37.91	15.98	53.89	74.00	20.11	Peak
		26.82	15.98	42.80	54.00	11.20	Average
5	17032.3790	37.43	19.00	56.43	74.00	17.57	Peak
		26.72	19.00	45.72	54.00	8.28	Average
6	17546.1933	38.37	17.82	56.19	74.00	17.81	Peak
		26.44	17.82	44.26	54.00	9.74	Average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



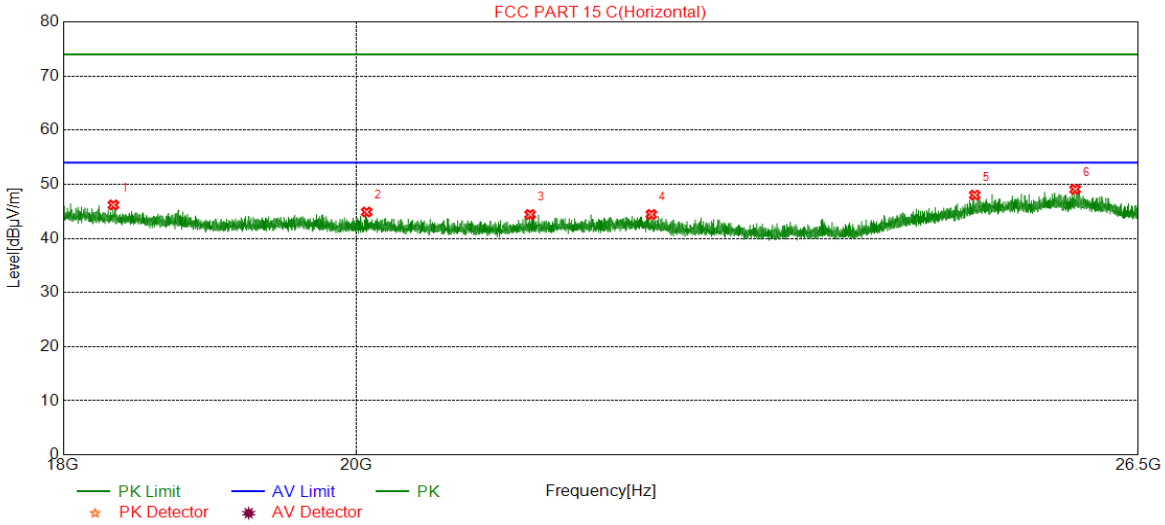
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3215.6520	48.05	0.88	48.93	74.00	25.07	Peak
2	4924.4783	42.22	5.18	47.40	74.00	26.60	Peak
3	10853.4817	38.06	12.34	50.40	74.00	23.60	Peak
4	15444.0555	37.96	14.51	52.47	74.00	21.53	Peak
5	16689.2112	37.10	18.17	55.27	74.00	18.73	Peak
		26.59	18.17	44.76	54.00	9.24	Average
6	17197.3997	37.19	18.31	55.50	74.00	18.50	Peak
		26.88	18.31	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 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Part III: 18GHz~26.5GHz

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

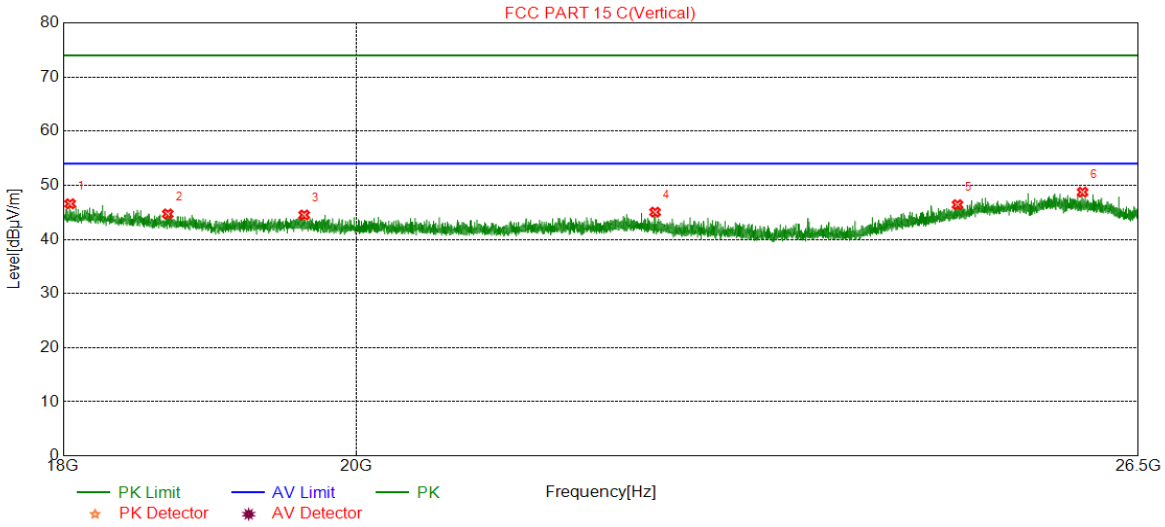
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18328.1328	45.09	1.09	46.18	74.00	27.82	Peak
2	20076.7577	43.34	1.53	44.87	74.00	29.13	Peak
3	21293.2293	43.02	1.39	44.41	74.00	29.59	Peak
4	22242.7743	42.55	1.87	44.42	74.00	29.58	Peak
5	24987.6988	43.30	4.70	48.00	74.00	26.00	Peak
6	25906.6407	42.82	6.24	49.06	74.00	24.94	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	LCH	Vertical	PASS



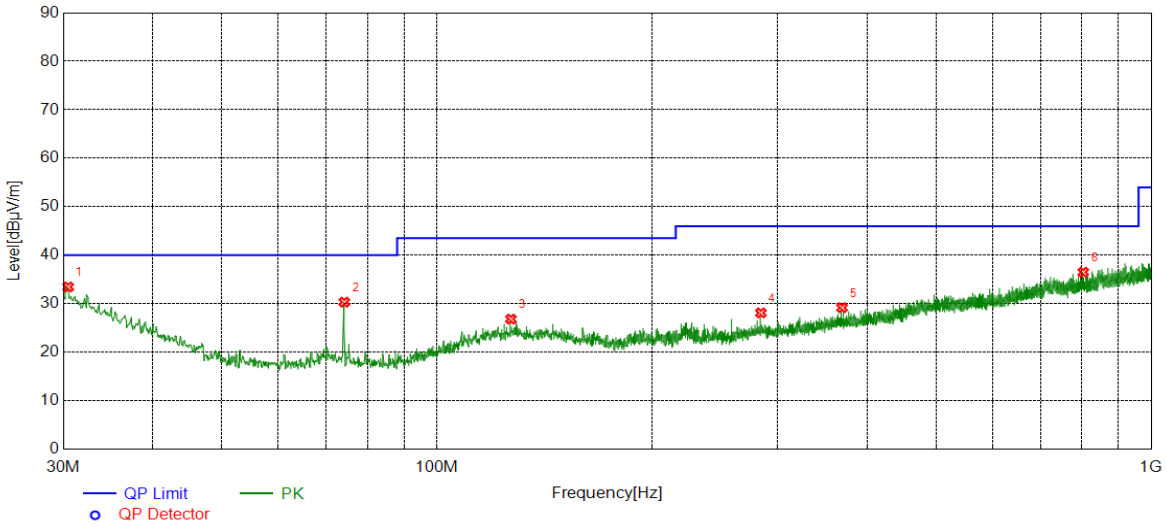
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18045.0545	45.39	1.19	46.58	74.00	27.42	Peak
2	18690.2690	43.89	0.81	44.70	74.00	29.30	Peak
3	19630.4630	43.24	1.27	44.51	74.00	29.49	Peak
4	22272.5273	43.20	1.83	45.03	74.00	28.97	Peak
5	24832.9833	42.27	4.14	46.41	74.00	27.59	Peak
6	25976.3476	42.39	6.34	48.73	74.00	25.27	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)

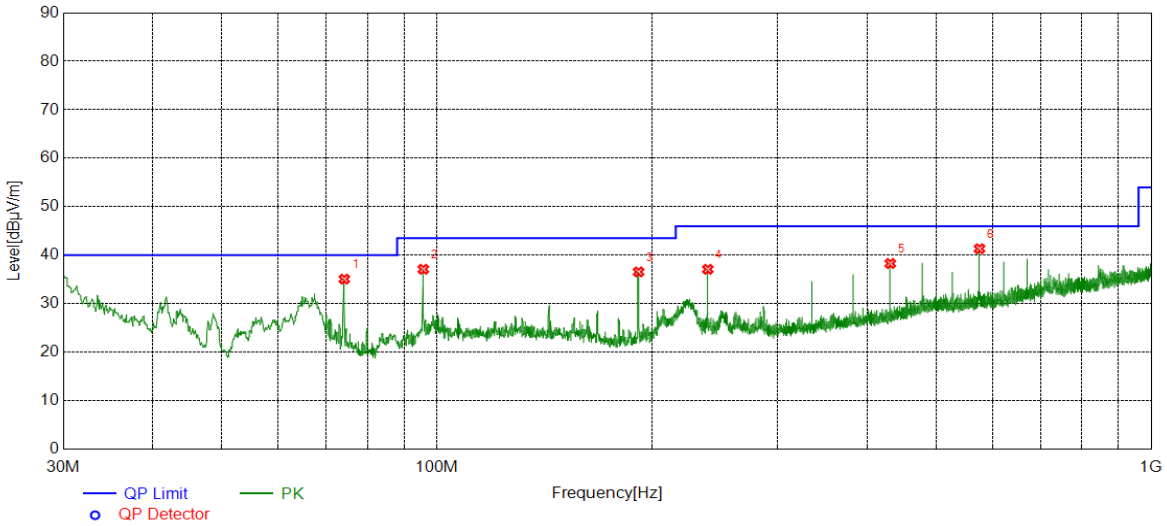
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.4850	6.72	26.74	33.46	40.00	6.54	Peak
2	74.2364	15.71	14.61	30.32	40.00	9.68	Peak
3	127.0097	6.57	20.26	26.83	43.50	16.67	Peak
4	284.2624	7.63	20.48	28.11	46.00	17.89	Peak
5	369.2429	7.01	22.18	29.19	46.00	16.81	Peak
6	803.3613	6.64	29.86	36.50	46.00	9.50	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	LCH	Vertical	PASS



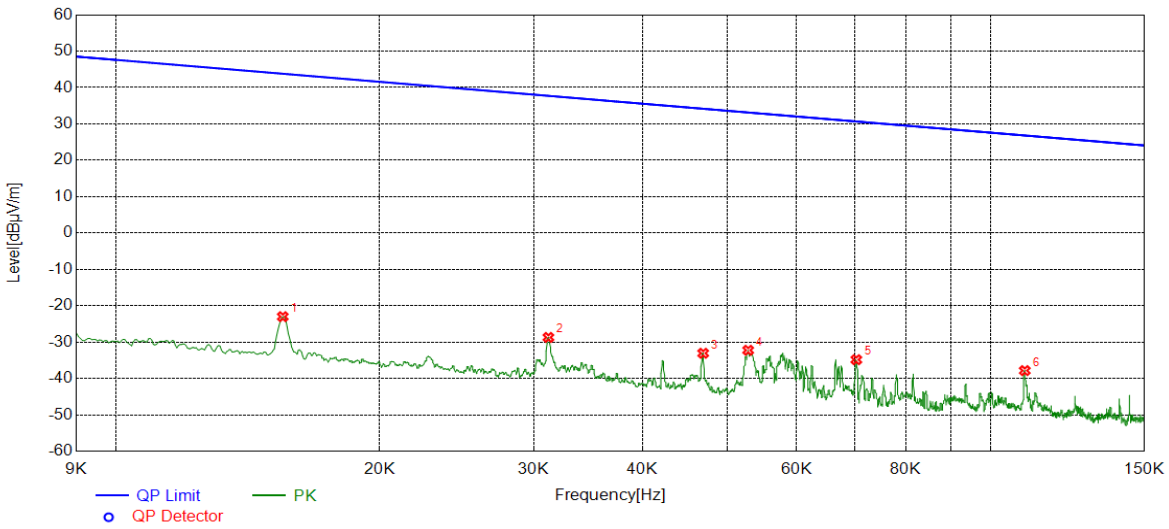
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	74.2364	20.47	14.61	35.08	40.00	4.92	Peak
2	95.7726	21.27	15.84	37.11	43.50	6.39	Peak
3	191.6182	17.93	18.64	36.57	43.50	6.93	Peak
4	239.5410	18.30	18.80	37.10	46.00	8.90	Peak
5	431.3291	14.49	23.81	38.30	46.00	7.70	Peak
6	575.0005	14.98	26.37	41.35	46.00	4.65	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)

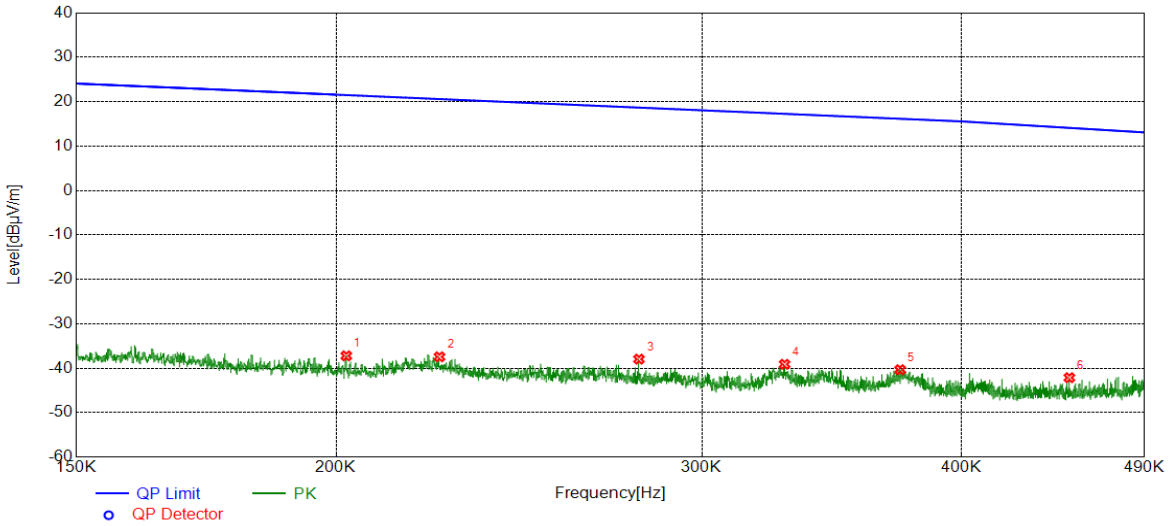
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	9KHz~150KHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	37.87	-60.87	-23.00	43.77	66.77	Peak
2	0.0312	32.10	-60.81	-28.71	37.72	66.43	Peak
3	0.0469	27.85	-60.92	-33.07	34.18	67.25	Peak
4	0.0528	28.74	-60.98	-32.24	33.14	65.38	Peak
5	0.0702	26.42	-61.26	-34.84	30.67	65.51	Peak
6	0.1094	22.91	-60.75	-37.84	26.83	64.67	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. Result 300m= Result 3m - 80 dB
3. If Peak Result complies with QP limit, Peak Result are deemed to comply with QP 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

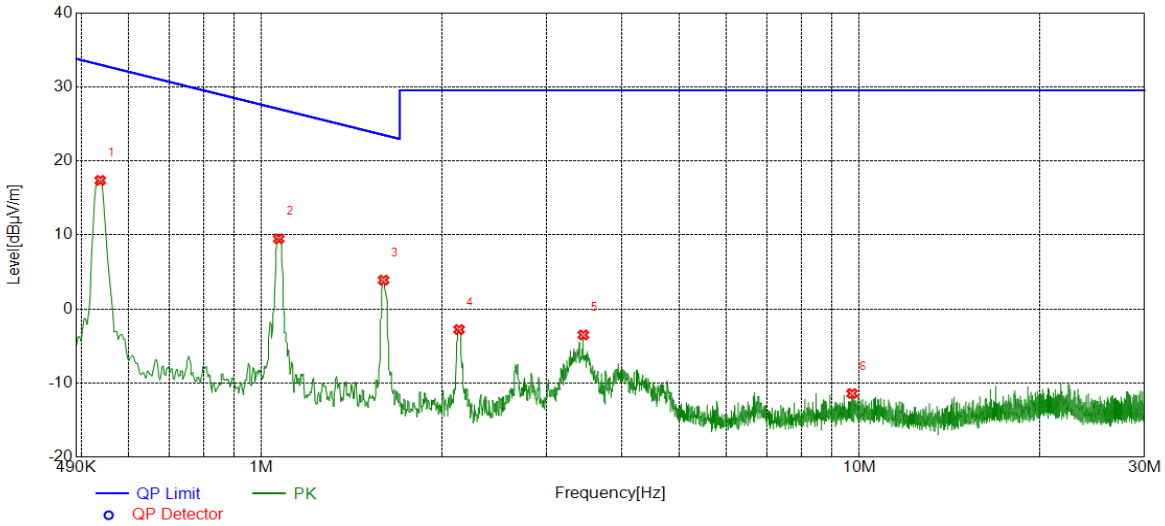
Test Mode	Channel	Frequency Range	Verdict
11B	LCH	150KHz~490Hz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.2023	23.76	-60.97	-37.21	21.48	58.69	Peak
2	0.2243	23.43	-60.86	-37.43	20.59	58.02	Peak
3	0.2798	22.76	-60.71	-37.95	18.67	56.62	Peak
4	0.3288	21.55	-60.66	-39.11	17.26	56.37	Peak
5	0.3737	20.30	-60.63	-40.33	16.15	56.48	Peak
6	0.4508	18.43	-60.56	-42.13	14.10	56.23	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. Result 300m= Result 3m - 80 dB
3. If Peak Result complies with QP limit, Peak Result are deemed to comply with QP 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	LCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5372	37.89	-20.53	17.36	33.00	15.64	peak
2	1.0685	29.77	-20.29	9.48	27.03	17.55	peak
3	1.5997	24.12	-20.22	3.90	23.52	19.62	peak
4	2.1398	17.43	-20.20	-2.77	29.54	32.31	peak
5	3.4531	16.73	-20.23	-3.50	29.54	33.04	peak
6	9.7217	7.44	-18.85	-11.41	29.54	40.95	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. Result 30m= Result 3m - 40 dB
3. If Peak Result complies with QP limit, Peak Result are deemed to comply with QP 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