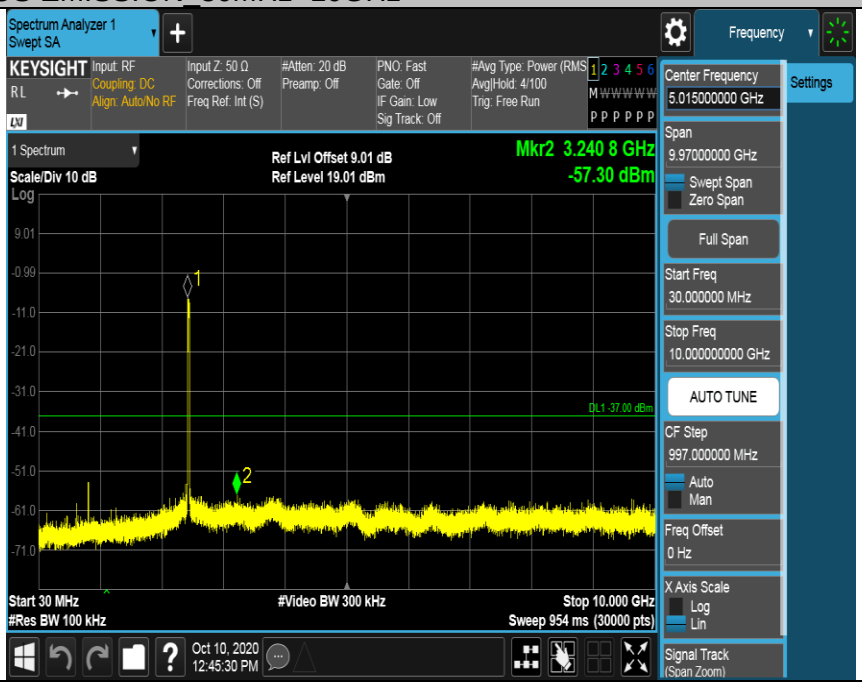
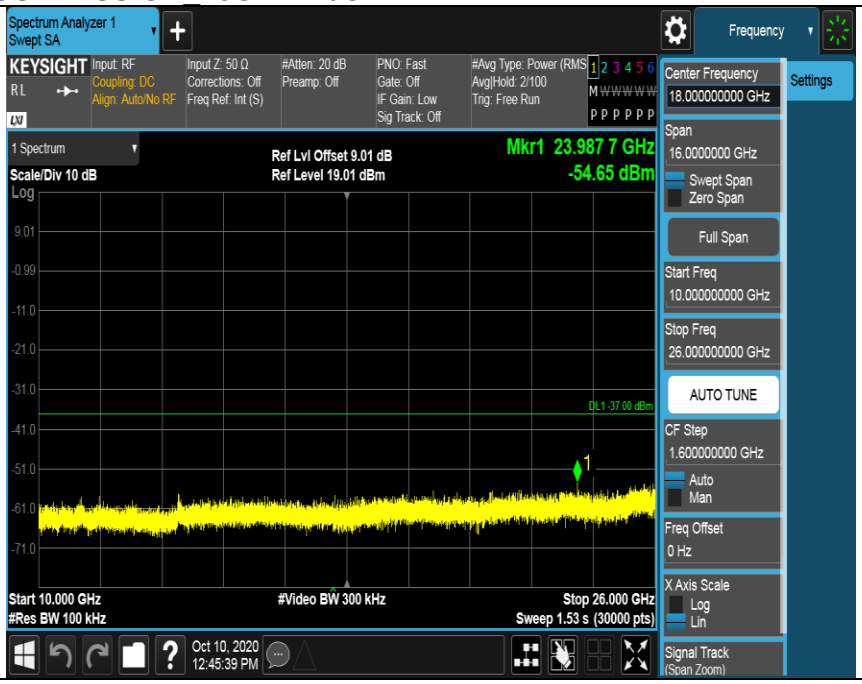
Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz



HCH SPURIOUS EMISSION_10GHz~26GHz



7.6. RADIATED TEST RESULTS

7.6.1. LIMITS AND PROCEDURE

LIMITS

Please refer to FCC §15.205 and §15.209

Please refer to FCC KDB 558074

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

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

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

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

Radiation Disturbance Test Limit for FCC (Above 1G)

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

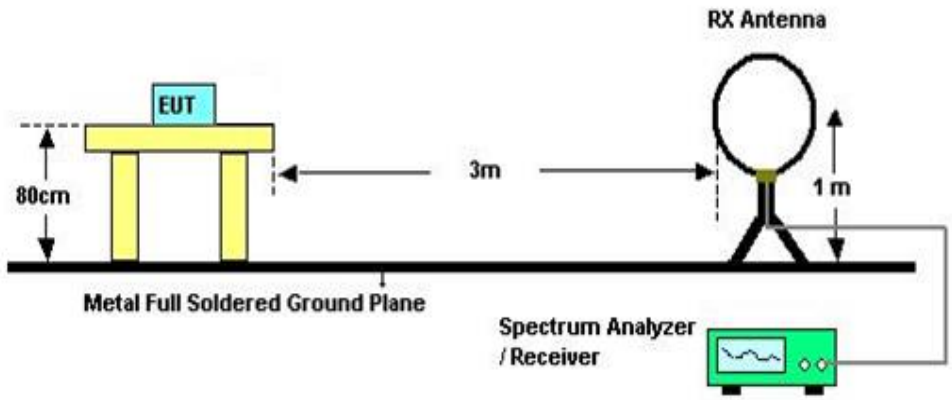
Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[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.

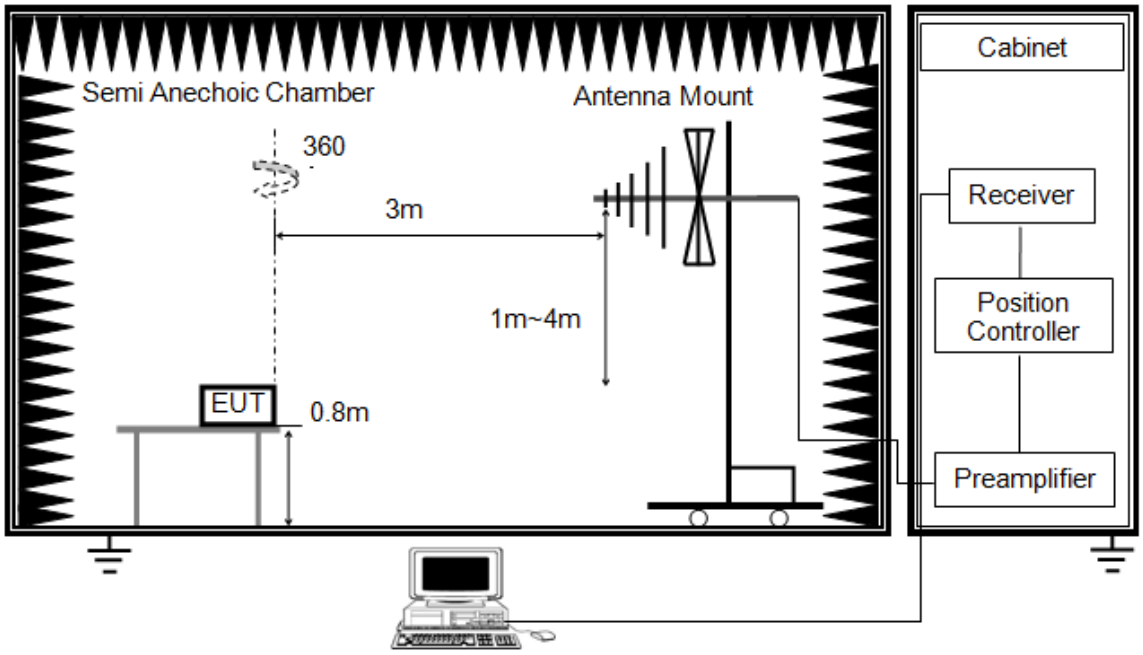
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.

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.

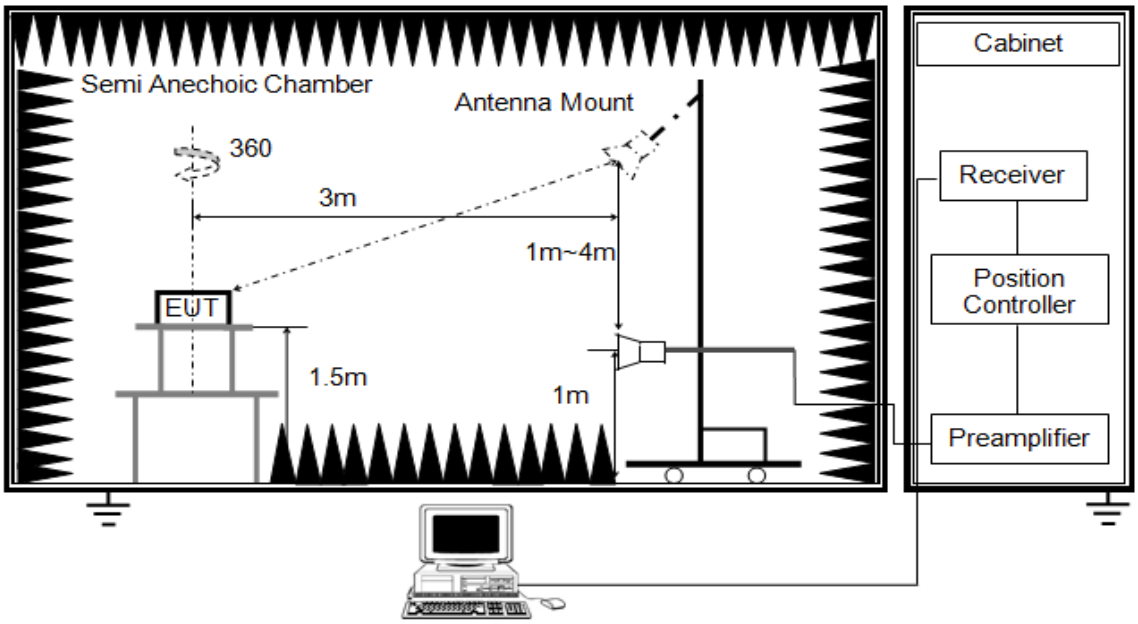
3. The EUT was placed on a turntable with 0.8 meter above ground.

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.

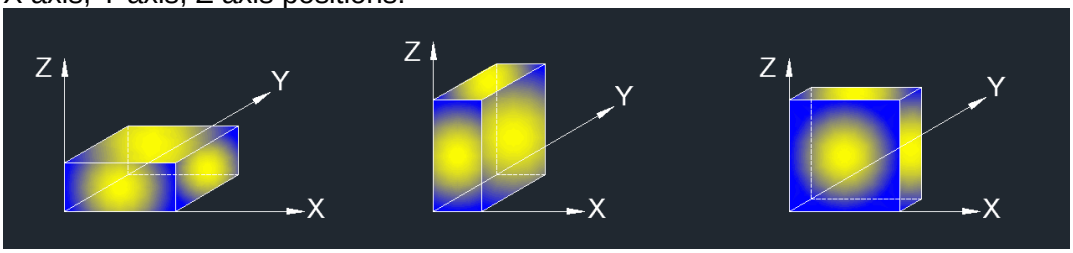
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

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 set VBW ≤RBW/100, but not less than 10Hz video bandwidth with peak detector， max hold to be run for at least 50 traces for average measurements.

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

X axis, Y axis, Z axis positions:



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

7.6.2. TEST ENVIRONMENT

Temperature	22°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

7.6.3. RESTRICTED BANDEDGE

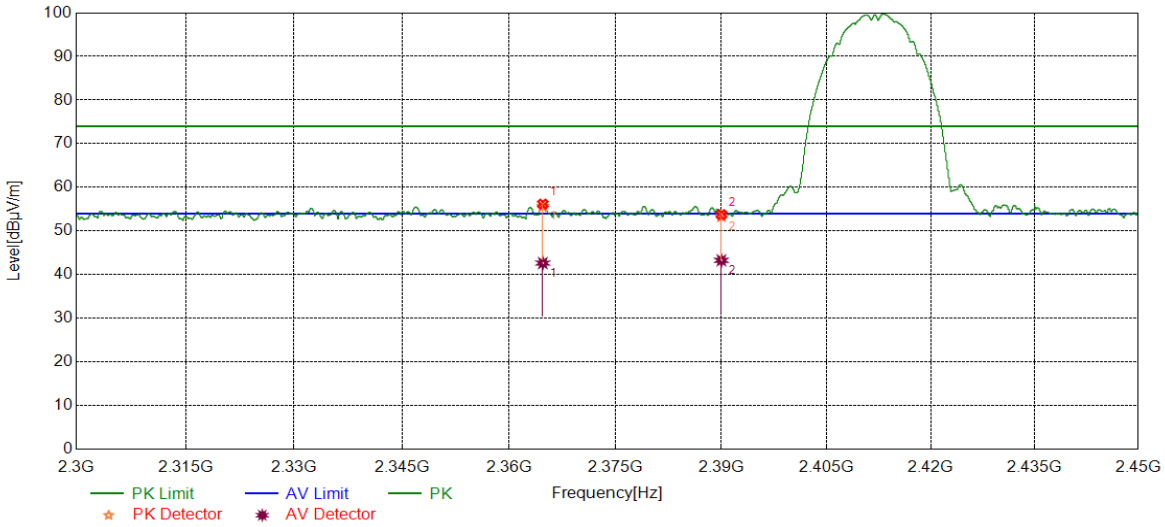
Test Result Table

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

Remark:
1) For this product, it has two antennas, antenna1 and antenna2, but only the 802.11N HT20 and 802.11N HT40 modes can support both the SISO and MIMO technical.
2) For 11B and 11G modes, through pre-testing both antenna1 and antenna2, only the data of worse case is included in this report.
3) For 11N HT20 and 11N HT40 modes, through pre-testing both modes(including SISO and MIMO) and antennas, only the data of worse case is included in this test report.

Test Graphs:

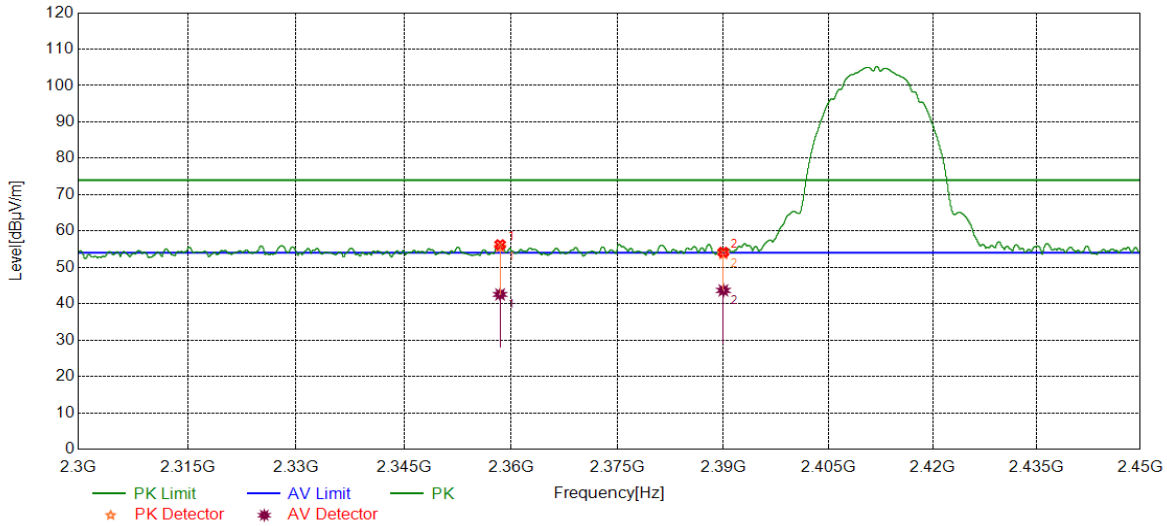
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2364.7331	42.68	13.49	56.17	74.00	-17.83	peak
		29.16	13.49	42.65	54.00	-11.35	average
2	2390.0000	40.02	13.75	53.77	74.00	-20.23	peak
		29.52	13.75	43.27	54.00	-10.73	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

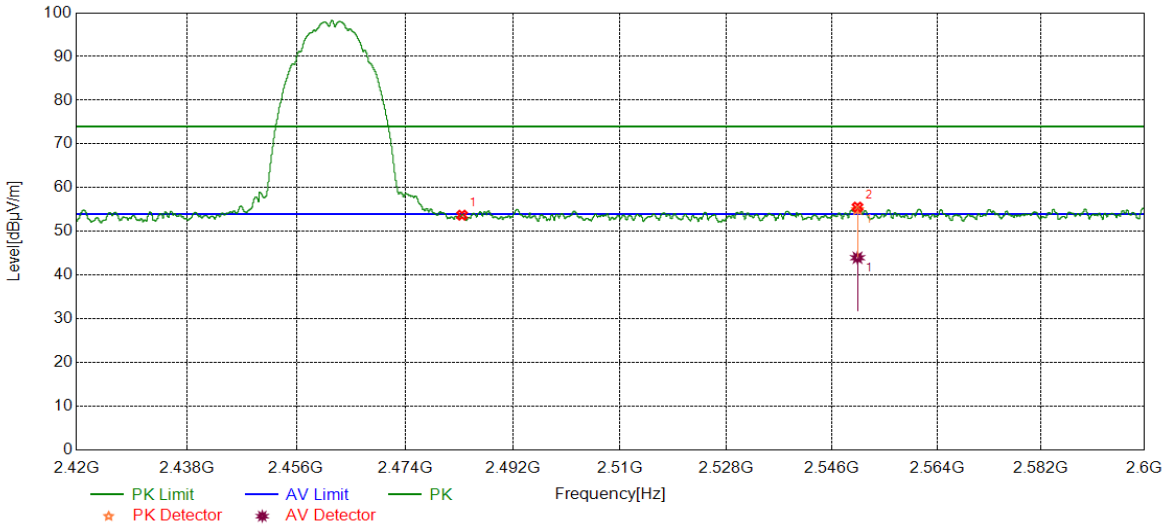
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2358.4511	42.79	13.45	56.24	74.00	-17.76	peak
		29.11	13.45	42.56	54.00	-11.44	average
2	2390.0000	40.42	13.75	54.17	74.00	-19.83	peak
		29.91	13.75	43.66	54.00	-10.34	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

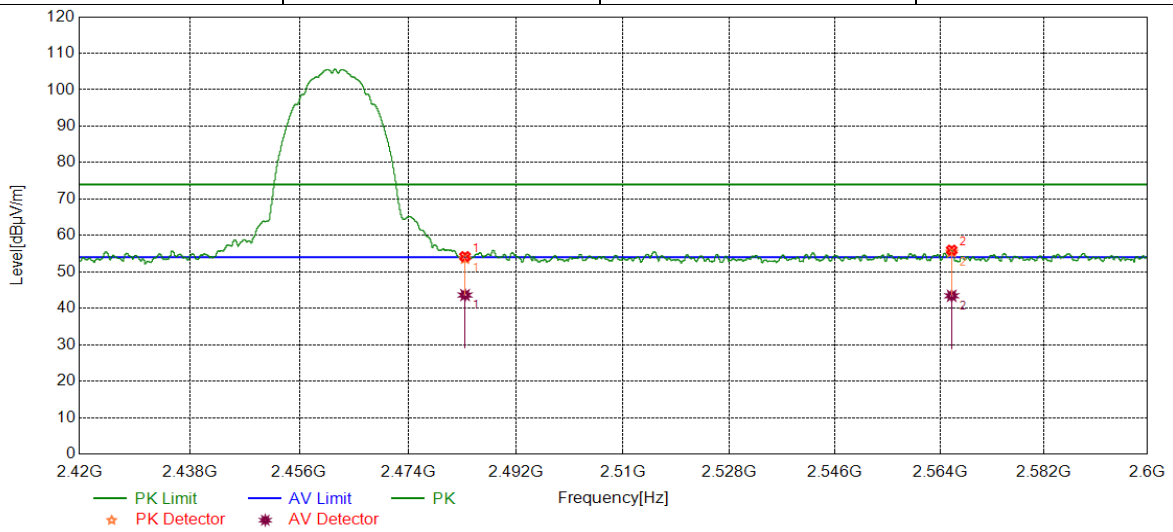
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.21	13.51	53.72	74.00	-20.28	peak
2	2550.3510	41.62	13.94	55.56	74.00	-18.44	peak
		30.04	13.94	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

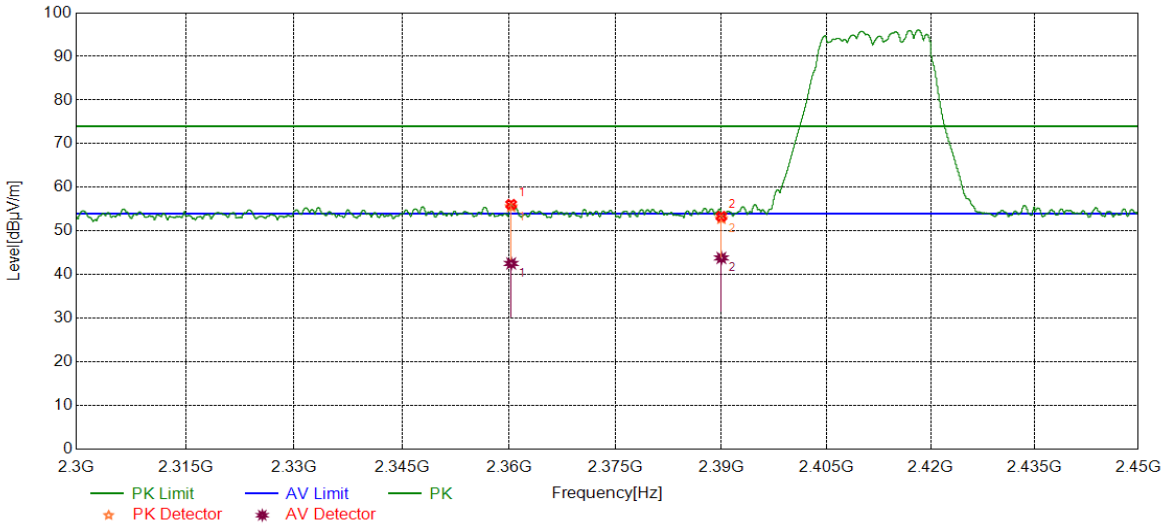
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.69	13.51	54.20	74.00	-19.80	peak
		30.13	13.51	43.64	54.00	-10.36	average
2	2566.0126	41.96	14.01	55.97	74.00	-18.03	peak
		29.43	14.01	43.44	54.00	-10.56	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

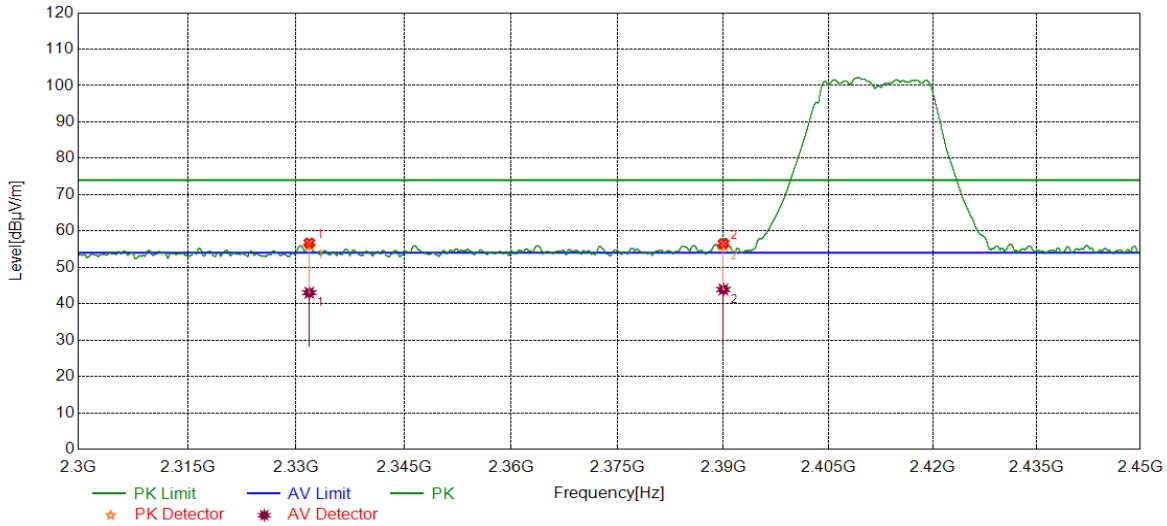
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2360.2888	42.63	13.47	56.10	74.00	-17.90	peak
		29.09	13.47	42.56	54.00	-11.44	average
2	2390.0000	39.60	13.75	53.35	74.00	-20.65	peak
		30.08	13.75	43.83	54.00	-10.17	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

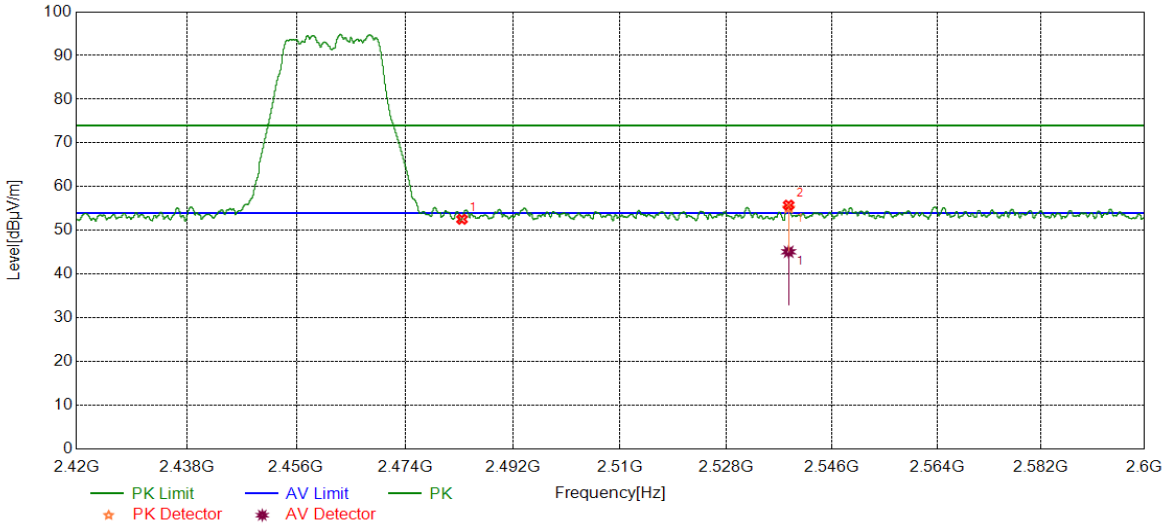
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2331.8227	43.53	13.18	56.71	74.00	-17.29	peak
		29.85	13.18	43.03	54.00	-10.97	average
2	2390.0000	42.82	13.75	56.57	74.00	-17.43	peak
		30.16	13.75	43.91	54.00	-10.09	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

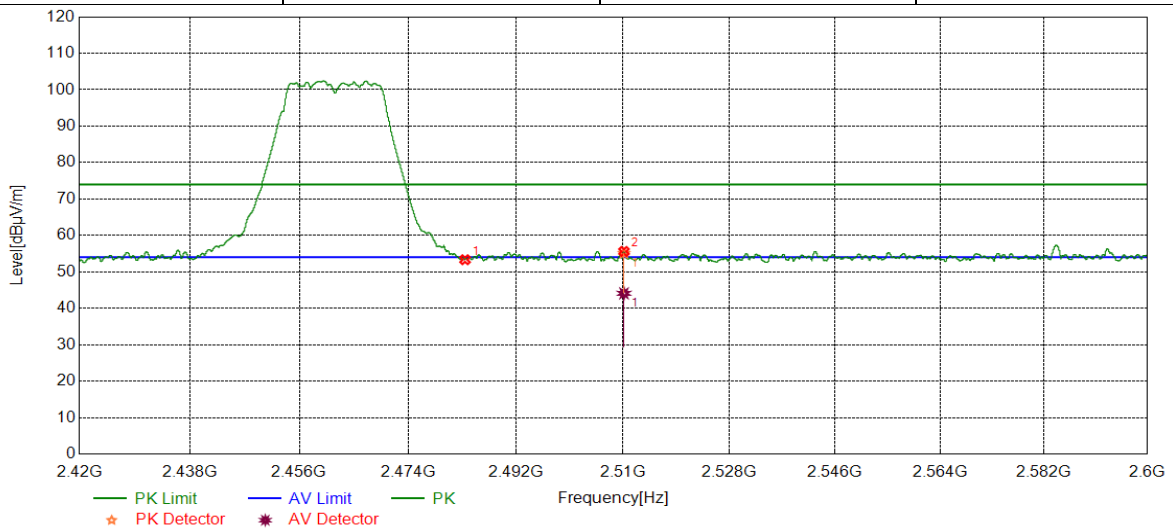
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	39.04	13.51	52.55	74.00	-21.45	peak
2	2538.5779	41.91	13.88	55.79	74.00	-18.21	peak
		31.24	13.88	45.12	54.00	-8.88	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

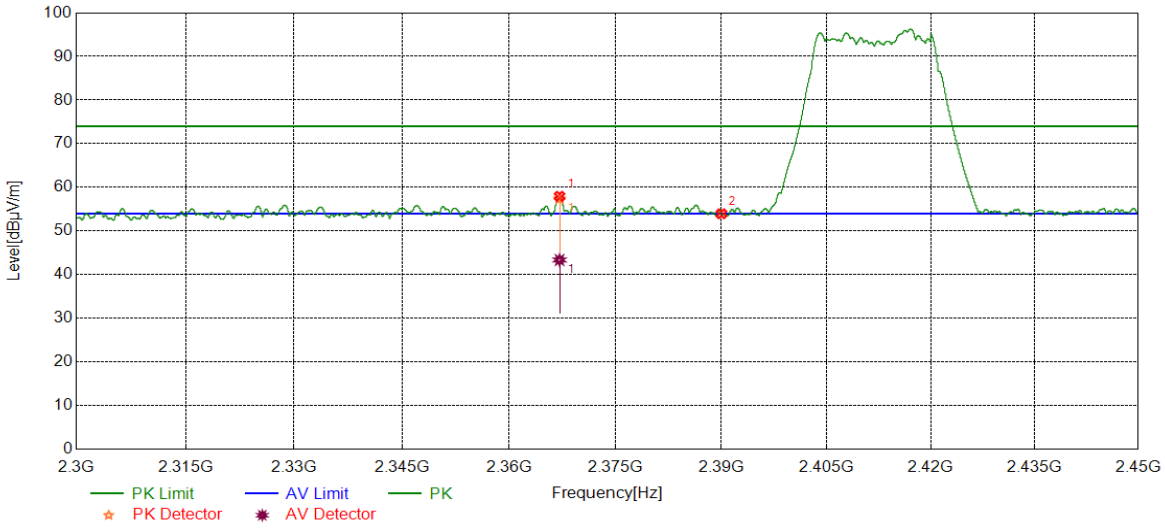
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	39.83	13.51	53.34	74.00	-20.66	peak
2	2510.1530	41.87	13.73	55.60	74.00	-18.40	peak
		30.37	13.73	44.10	54.00	-9.90	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

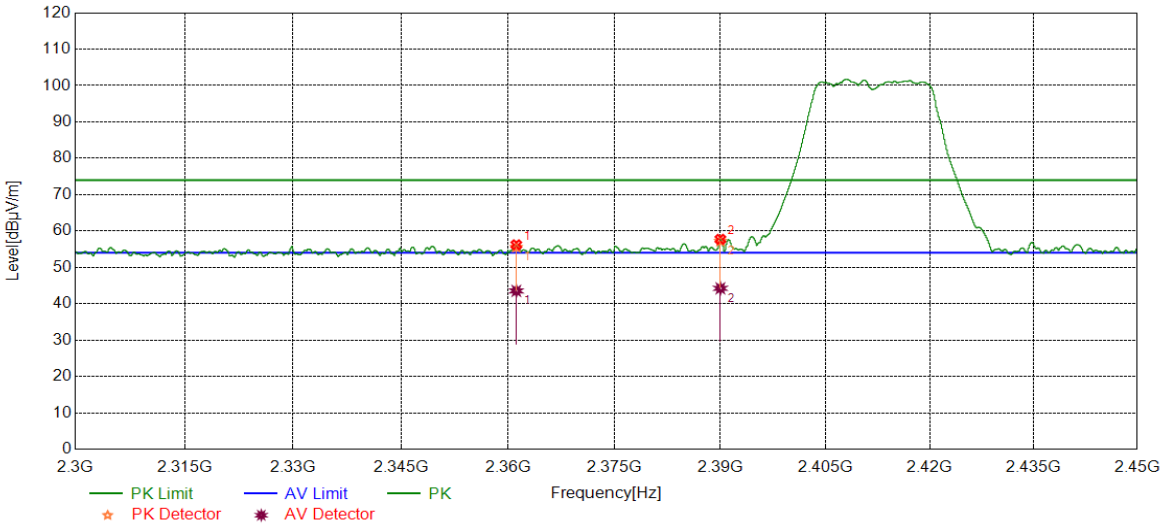
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2367.0959	44.46	13.50	57.96	74.00	-16.04	peak
		29.86	13.50	43.36	54.00	-10.64	average
2	2390.0000	40.20	13.75	53.95	74.00	-20.05	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

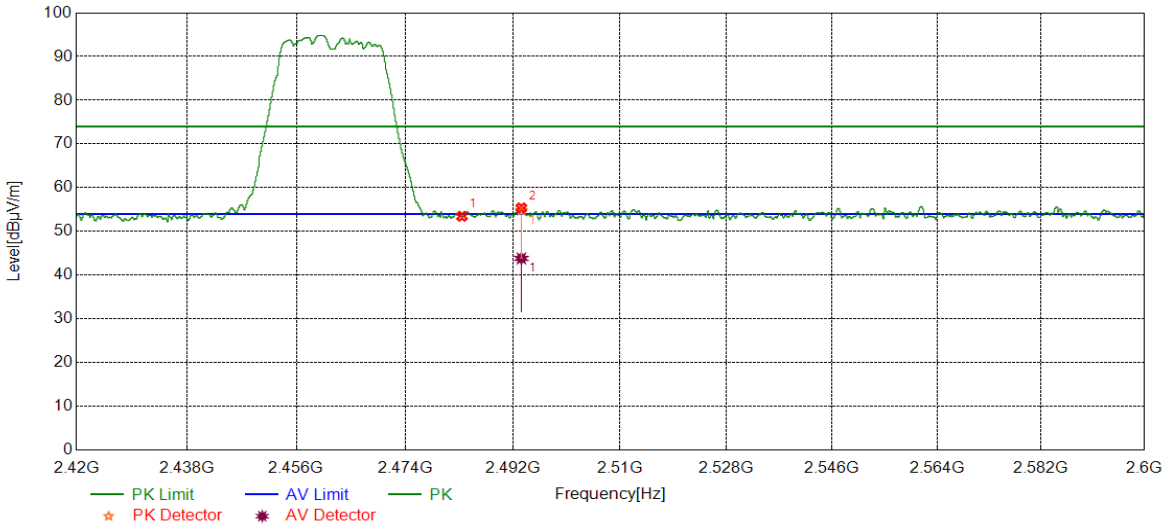
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2361.1514	42.75	13.47	56.22	74.00	-17.78	peak
		30.06	13.47	43.53	54.00	-10.47	average
2	2390.0000	43.98	13.75	57.73	74.00	-16.27	peak
		30.48	13.75	44.23	54.00	-9.77	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

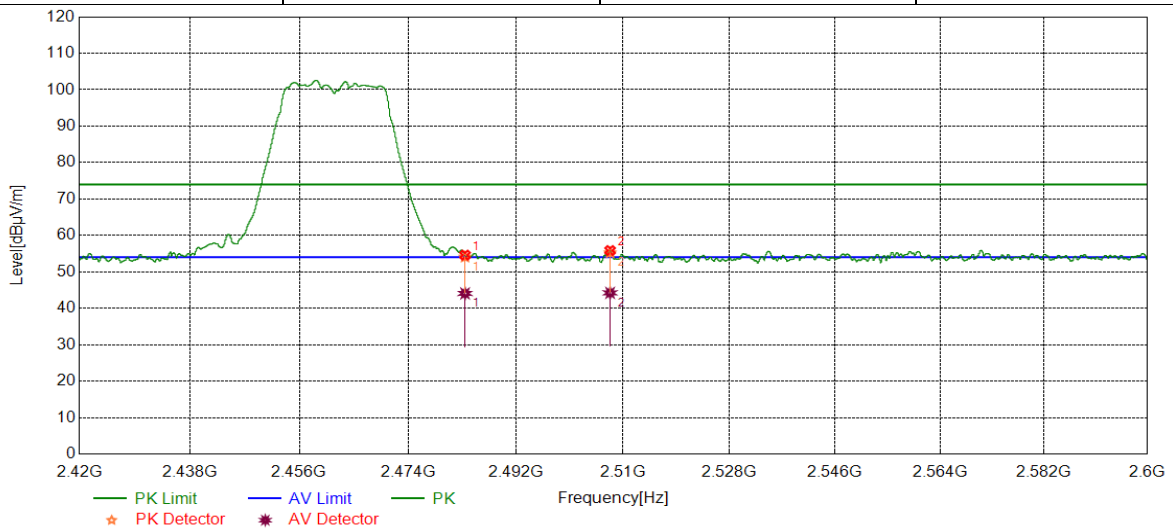
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	39.96	13.51	53.47	74.00	-20.53	peak
2	2493.4113	41.77	13.60	55.37	74.00	-18.63	peak
		30.23	13.60	43.83	54.00	-10.17	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

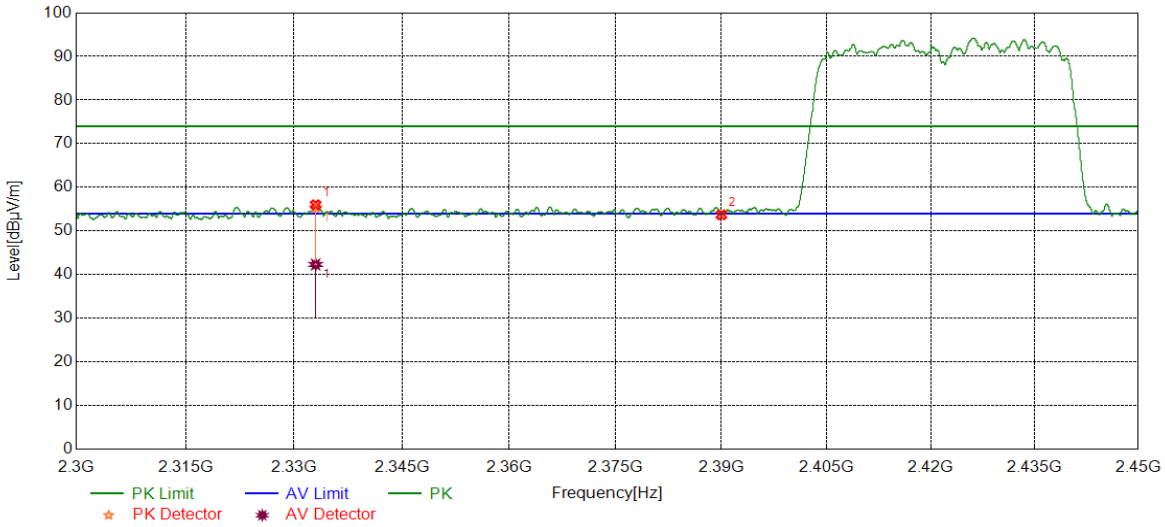
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	41.09	13.51	54.60	74.00	-19.40	peak
		30.57	13.51	44.08	54.00	-9.92	average
2	2507.8128	42.15	13.71	55.86	74.00	-18.14	peak
		30.52	13.71	44.23	54.00	-9.77	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

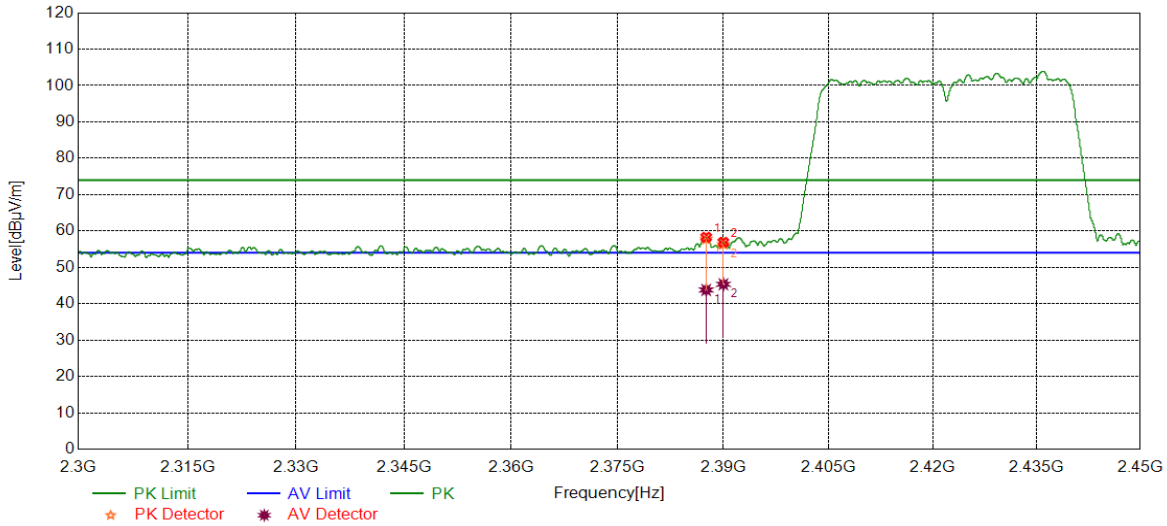
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2332.9854	42.81	13.20	56.01	74.00	-17.99	peak
		29.12	13.20	42.32	54.00	-11.68	average
2	2390.0000	39.95	13.75	53.70	74.00	-20.30	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

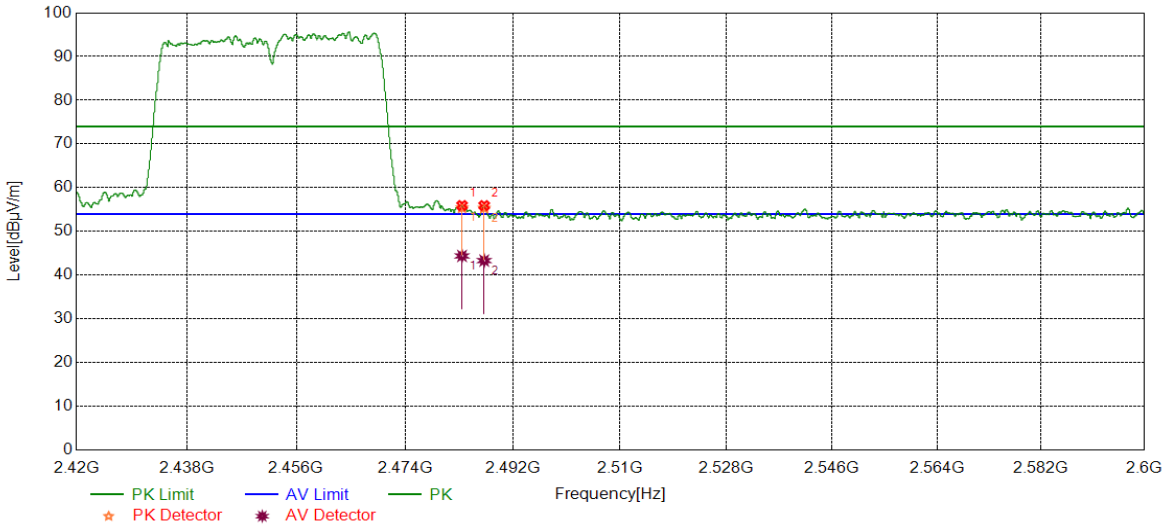
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2387.5547	44.54	13.75	58.29	74.00	-15.71	peak
		30.03	13.75	43.78	54.00	-10.22	average
2	2390.0000	43.16	13.75	56.91	74.00	-17.09	peak
		31.60	13.75	45.35	54.00	-8.65	average

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

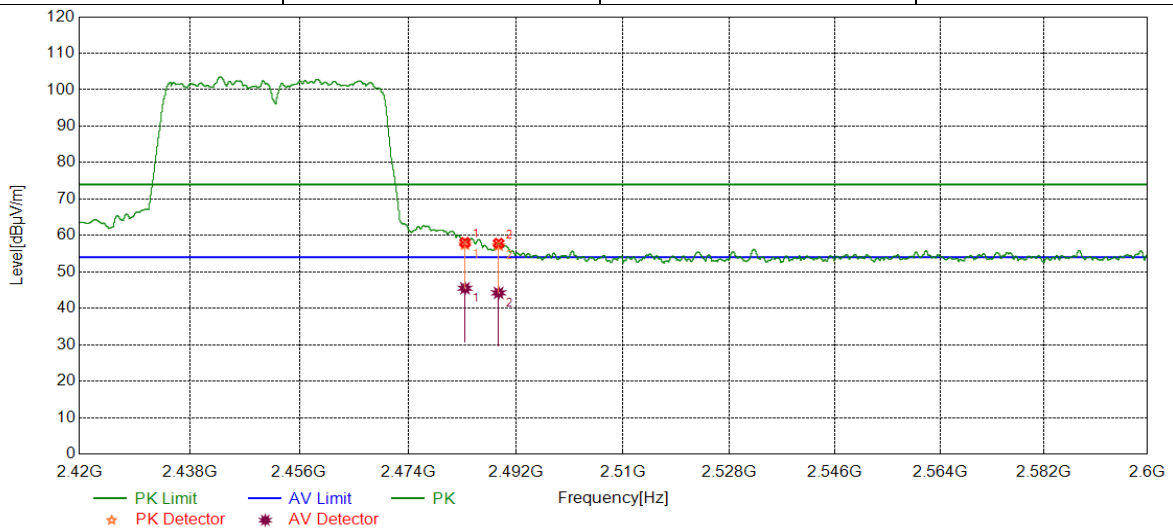
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	42.42	13.51	55.93	74.00	-18.07	peak
		30.89	13.51	44.40	54.00	-9.60	average
2	2487.2007	42.38	13.53	55.91	74.00	-18.09	peak
		29.80	13.53	43.33	54.00	-10.67	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N40 MIMO	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	44.54	13.51	58.05	74.00	-15.95	peak
		31.98	13.51	45.49	54.00	-8.51	average
2	2489.1089	44.30	13.54	57.84	74.00	-16.16	peak
		30.69	13.54	44.23	54.00	-9.77	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. Peak: Peak detector.
4. For average power measurement, set the VBW to Minimum VBW=10 Hz.
5. 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	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11G	Antenna2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N20 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N40 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS

Remark:
1) For this product, it has two antennas, antenna1 and antenna2, but only the 802.11N HT20 and 802.11N HT40 modes can support both the SISO and MIMO technical.
2) For 11B and 11G modes, through pre-testing both antenna1 and antenna2, only the data of worse case is included in this report.
3) For 11N HT20 and 11N HT40 modes, through pre-testing both modes(including SISO and MIMO) and antennas, only the data of worse case is included in this test report.

2) For 3GHz~18GHz

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

Remark:
1) For this product, it has two antennas, antenna1 and antenna2, but only the 802.11N HT20 and 802.11N HT40 modes can support both the SISO and MIMO technical.

2) For 11B and 11G modes, through pre-testing both antenna1 and antenna2, only the data of worse case is included in this report.
3) For 11N HT20 and 11N HT40 modes, through pre-testing both modes(including SISO and MIMO) and antennas, only the data of worse case is included in this test report.

3) For 9KHz~30MHz

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11N40 MIMO	Antenna1+Antenna2	HCH	<Limit	PASS

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

4) For 30MHz~1GHz

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11N40 MIMO	Antenna1+Antenna2	HCH	<Limit	PASS

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

5) For 18GHz~26.5GHz

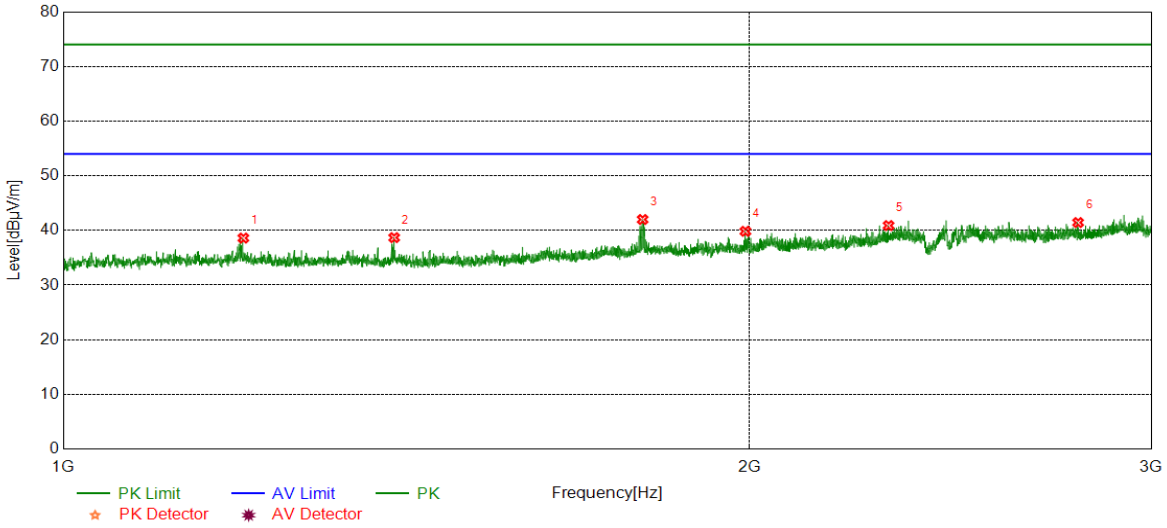
Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11N40 MIMO	Antenna1+Antenna2	HCH	<Limit	PASS

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

Part I: 1GHz~3GHz

HARMONICS AND SPURIOUS EMISSIONS

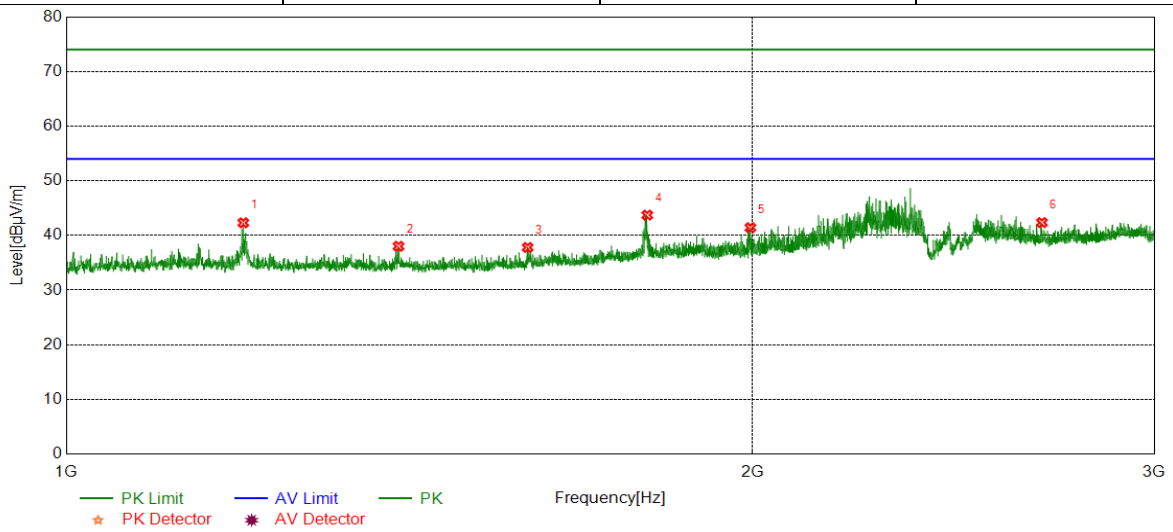
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.5249	44.14	-5.54	38.60	74.00	-35.40	peak
2	1396.7996	44.29	-5.61	38.68	74.00	-35.32	peak
3	1795.0994	45.93	-3.93	42.00	74.00	-32.00	peak
4	1991.3739	42.94	-3.10	39.84	74.00	-34.16	peak
5	2301.1626	42.76	-1.87	40.89	74.00	-33.11	peak
6	2786.4733	41.70	-0.26	41.44	74.00	-32.56	peak

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

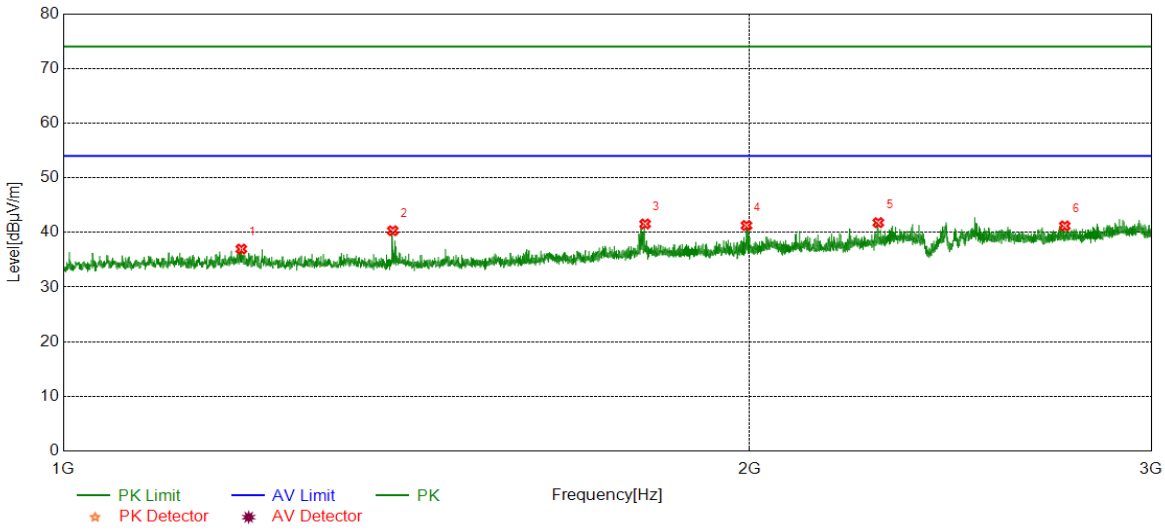
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.7745	47.85	-5.54	42.31	74.00	-31.69	peak
2	1398.7999	43.58	-5.57	38.01	74.00	-35.99	peak
3	1593.5742	43.15	-5.35	37.80	74.00	-36.20	peak
4	1798.0998	47.62	-3.90	43.72	74.00	-30.28	peak
5	1995.3744	44.48	-3.06	41.42	74.00	-32.58	peak
6	2678.4598	43.06	-0.71	42.35	74.00	-31.65	peak

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

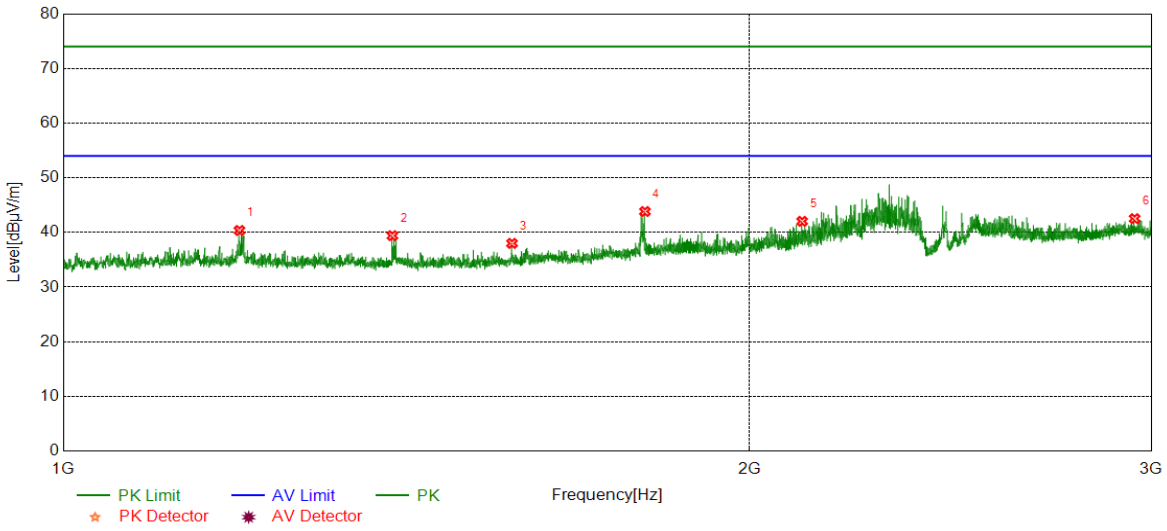
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.0246	42.50	-5.54	36.96	74.00	-37.04	peak
2	1394.7994	45.97	-5.66	40.31	74.00	-33.69	peak
3	1799.6000	45.43	-3.88	41.55	74.00	-32.45	peak
4	1993.6242	44.35	-3.08	41.27	74.00	-32.73	peak
5	2277.4097	43.90	-2.11	41.79	74.00	-32.21	peak
6	2749.2187	41.63	-0.44	41.19	74.00	-32.81	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.

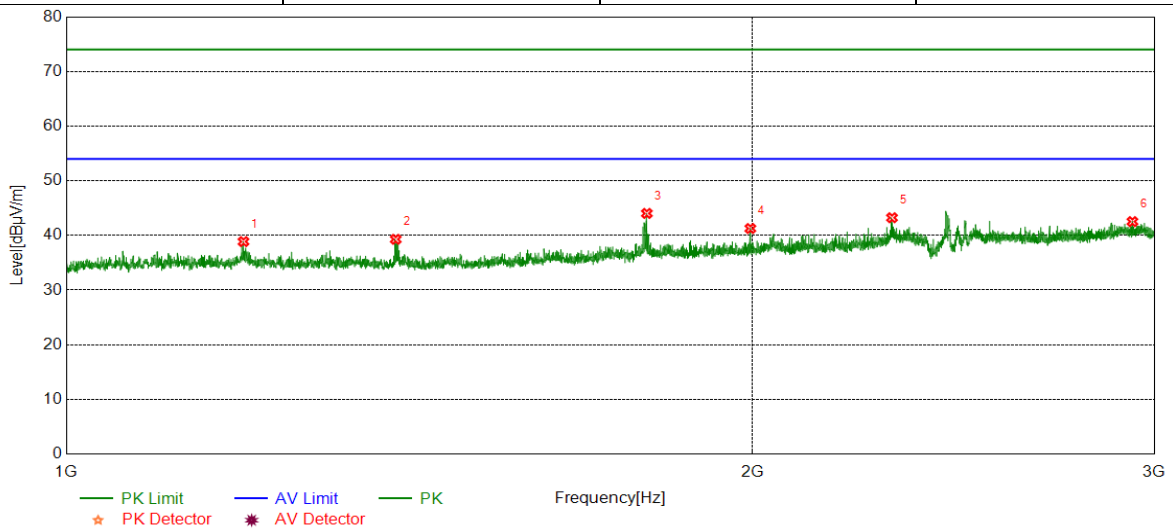
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	45.91	-5.55	40.36	74.00	-33.64	peak
2	1394.2993	45.07	-5.67	39.40	74.00	-34.60	peak
3	1573.3217	43.36	-5.36	38.00	74.00	-36.00	peak
4	1799.3499	47.71	-3.88	43.83	74.00	-30.17	peak
5	2108.8886	44.59	-2.56	42.03	74.00	-31.97	peak
6	2950.2438	41.92	0.60	42.52	74.00	-31.48	peak

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

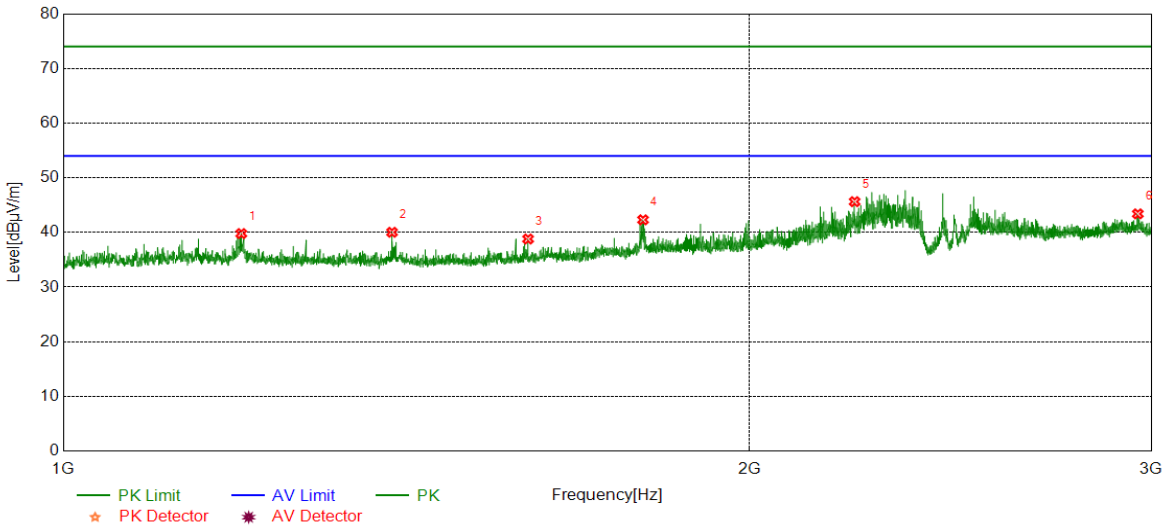
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	44.41	-5.54	38.87	74.00	-35.13	peak
2	1394.7994	44.95	-5.66	39.29	74.00	-34.71	peak
3	1797.3497	47.94	-3.91	44.03	74.00	-29.97	peak
4	1995.3744	44.33	-3.06	41.27	74.00	-32.73	peak
5	2302.1628	45.09	-1.85	43.24	74.00	-30.76	peak
6	2934.7418	42.07	0.46	42.53	74.00	-31.47	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.

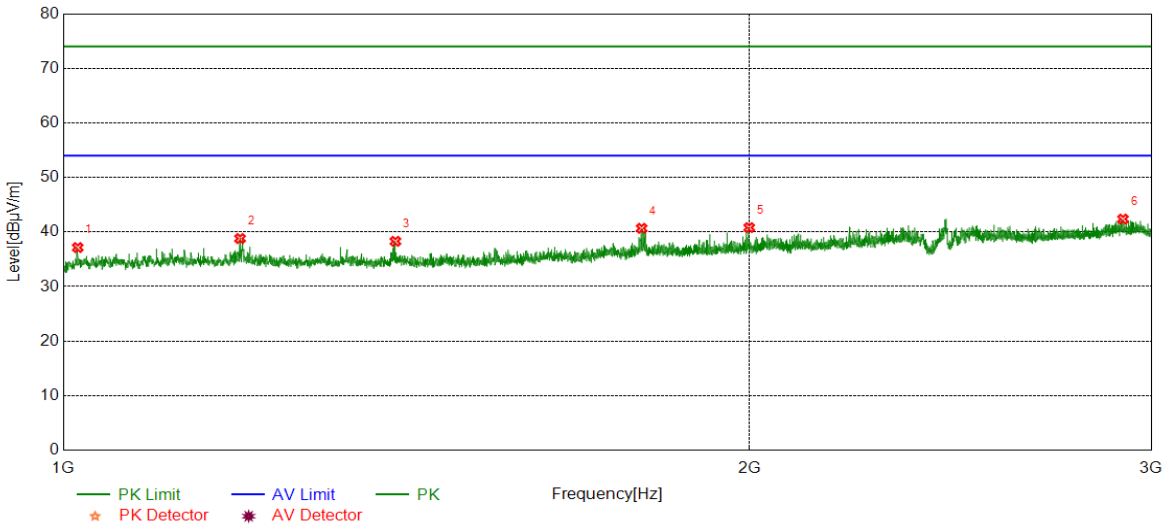
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.0246	45.33	-5.54	39.79	74.00	-34.21	peak
2	1393.7992	45.71	-5.68	40.03	74.00	-33.97	peak
3	1599.0749	44.00	-5.20	38.80	74.00	-35.20	peak
4	1795.8495	46.23	-3.92	42.31	74.00	-31.69	peak
5	2223.6530	47.85	-2.22	45.63	74.00	-28.37	peak
6	2959.7450	42.55	0.85	43.40	74.00	-30.60	peak

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

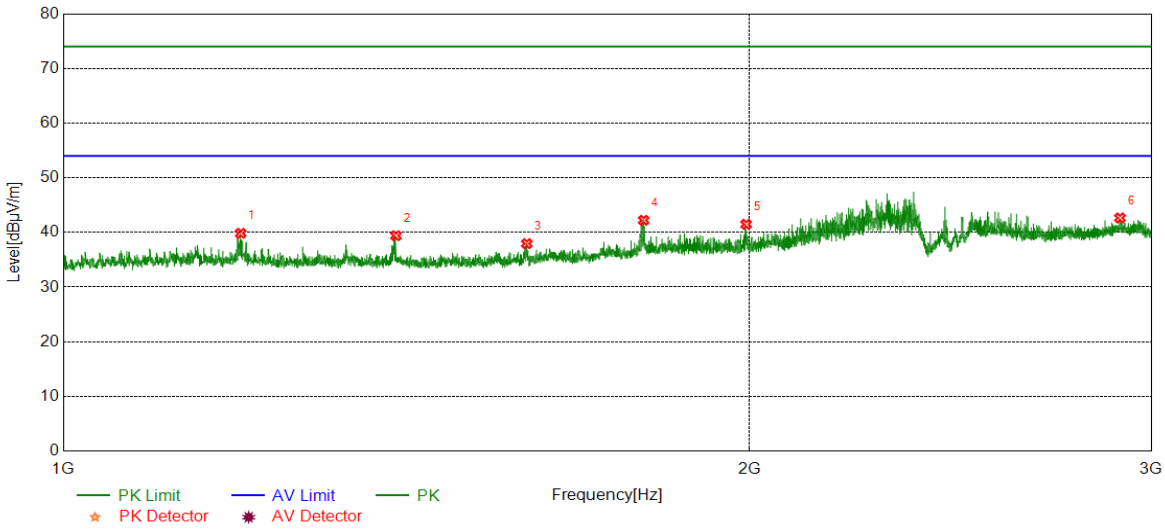
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1014.7518	42.63	-5.48	37.15	74.00	-36.85	peak
2	1195.5244	44.34	-5.54	38.80	74.00	-35.20	peak
3	1398.5498	43.87	-5.58	38.29	74.00	-35.71	peak
4	1793.3492	44.63	-3.95	40.68	74.00	-33.32	peak
5	1999.1249	43.84	-3.03	40.81	74.00	-33.19	peak
6	2915.7395	41.82	0.55	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 7.1.
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.

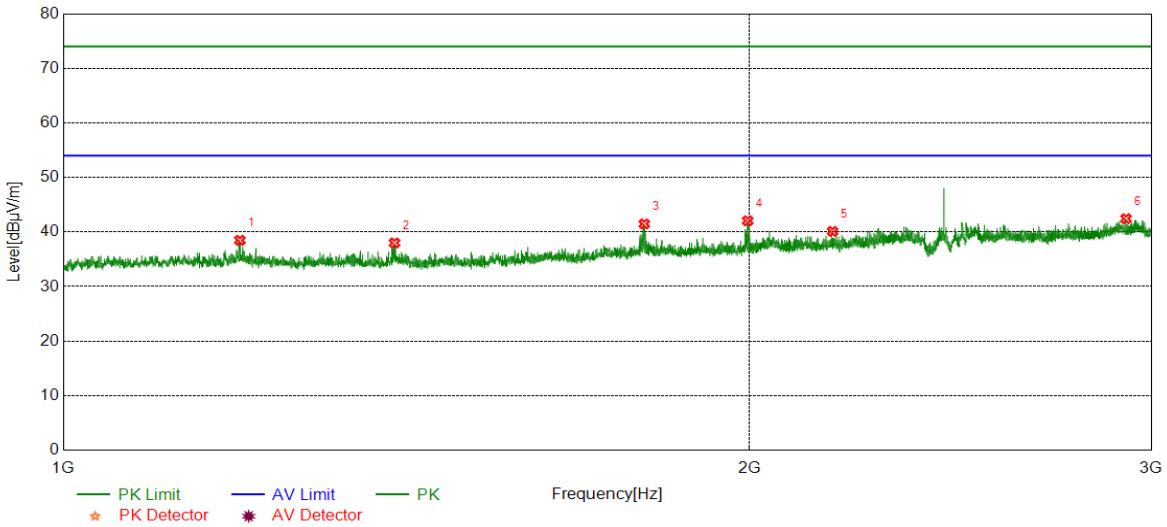
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.2745	45.38	-5.54	39.84	74.00	-34.16	peak
2	1399.2999	44.96	-5.56	39.40	74.00	-34.60	peak
3	1597.0746	43.20	-5.25	37.95	74.00	-36.05	peak
4	1797.0996	46.13	-3.91	42.22	74.00	-31.78	peak
5	1992.8741	44.57	-3.08	41.49	74.00	-32.51	peak
6	2906.9884	42.20	0.45	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.

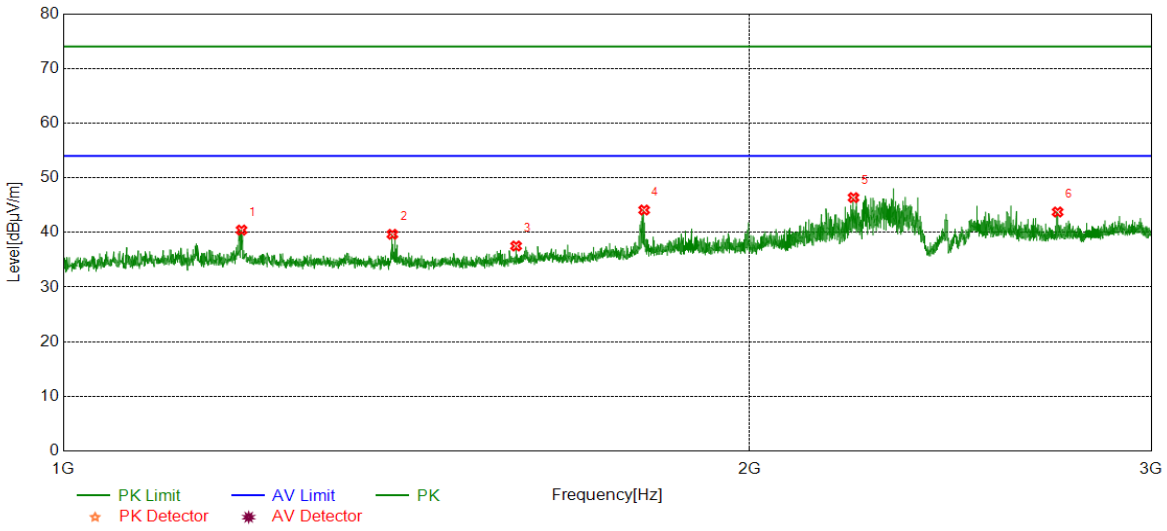
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1195.2744	44.03	-5.55	38.48	74.00	-35.52	peak
2	1397.2997	43.60	-5.60	38.00	74.00	-36.00	peak
3	1798.0998	45.39	-3.90	41.49	74.00	-32.51	peak
4	1996.1245	45.11	-3.05	42.06	74.00	-31.94	peak
5	2174.6468	42.50	-2.38	40.12	74.00	-33.88	peak
6	2924.7406	41.91	0.54	42.45	74.00	-31.55	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 7.1.
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.

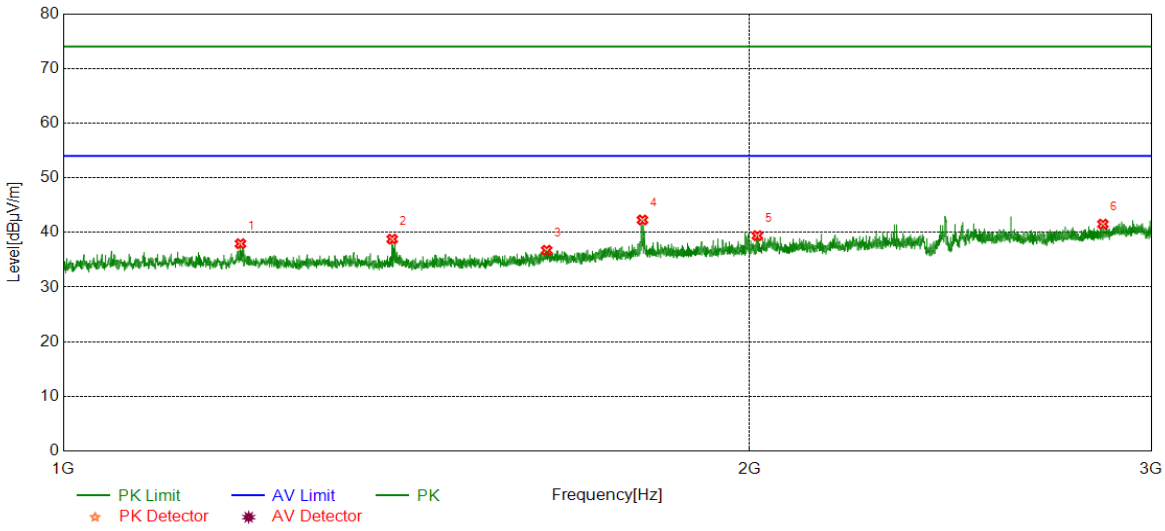
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.2747	45.97	-5.54	40.43	74.00	-33.57	peak
2	1394.2993	45.33	-5.67	39.66	74.00	-34.34	peak
3	1579.8225	42.75	-5.23	37.52	74.00	-36.48	peak
4	1797.8497	48.00	-3.90	44.10	74.00	-29.90	peak
5	2221.1526	48.63	-2.26	46.37	74.00	-27.63	peak
6	2729.4662	44.20	-0.46	43.74	74.00	-30.26	peak

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

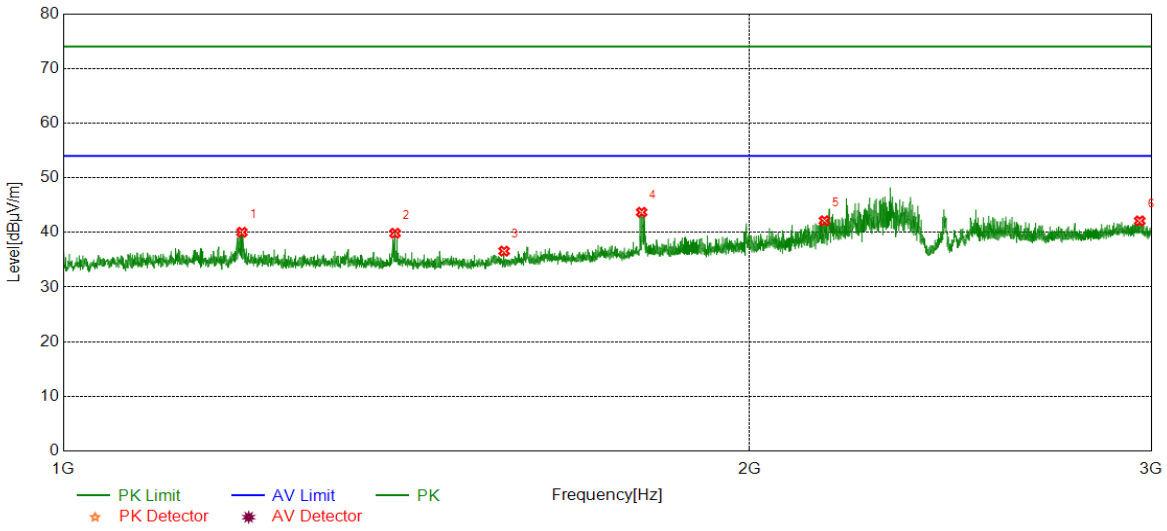
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	43.48	-5.54	37.94	74.00	-36.06	peak
2	1394.0493	44.45	-5.67	38.78	74.00	-35.22	peak
3	1629.3287	41.84	-5.10	36.74	74.00	-37.26	peak
4	1794.8494	46.21	-3.93	42.28	74.00	-31.72	peak
5	2015.6270	42.27	-2.87	39.40	74.00	-34.60	peak
6	2857.2322	41.42	0.10	41.52	74.00	-32.48	peak

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

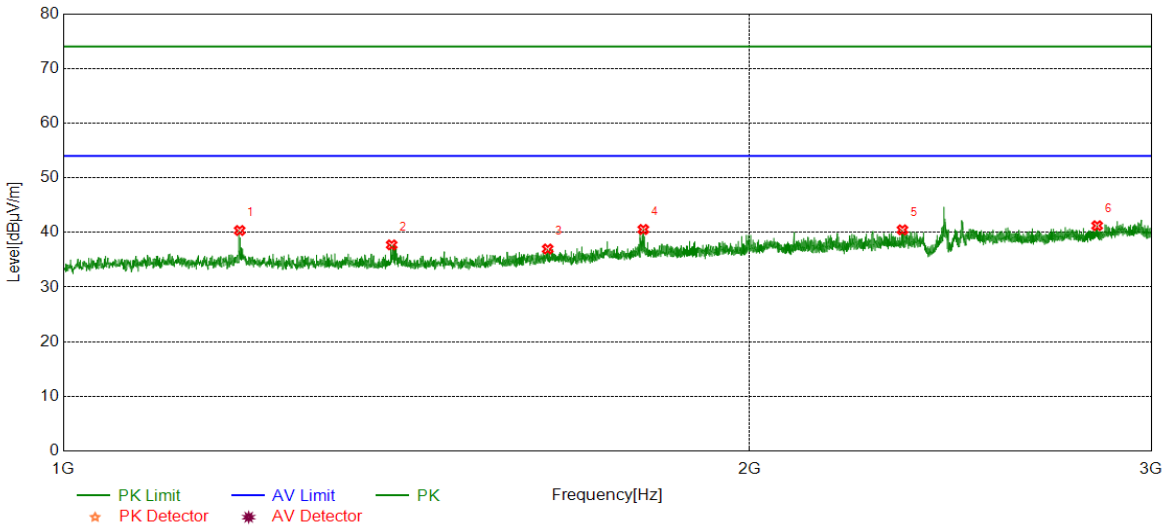
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.7747	45.57	-5.54	40.03	74.00	-33.97	peak
2	1398.0498	45.44	-5.59	39.85	74.00	-34.15	peak
3	1560.8201	42.13	-5.55	36.58	74.00	-37.42	peak
4	1793.3492	47.64	-3.95	43.69	74.00	-30.31	peak
5	2156.8946	44.65	-2.51	42.14	74.00	-31.86	peak
6	2965.4957	41.23	0.88	42.11	74.00	-31.89	peak

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

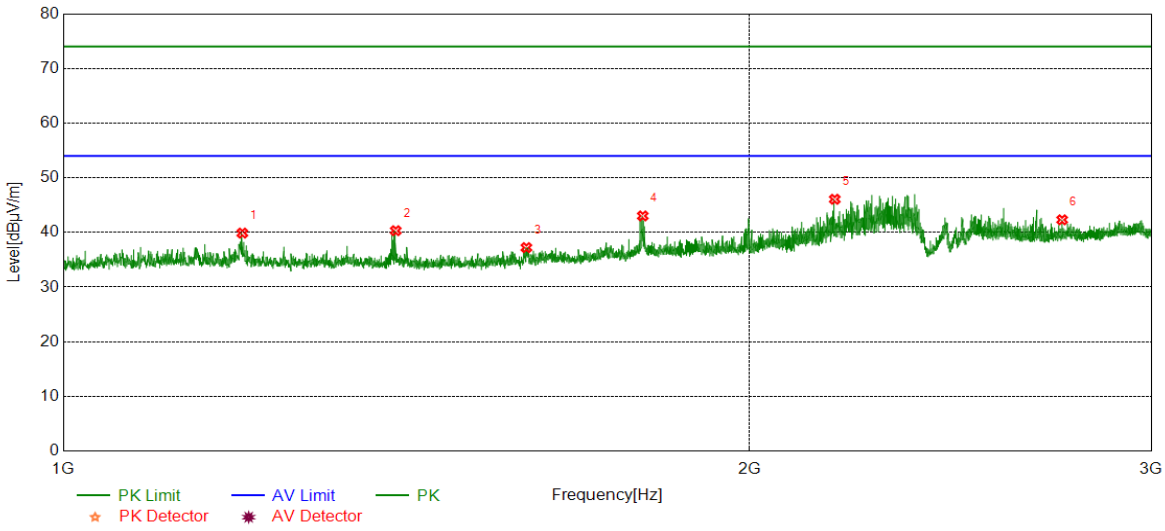
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.0244	45.90	-5.55	40.35	74.00	-33.65	peak
2	1393.2992	43.41	-5.69	37.72	74.00	-36.28	peak
3	1631.0789	42.06	-5.09	36.97	74.00	-37.03	peak
4	1796.3495	44.46	-3.92	40.54	74.00	-33.46	peak
5	2333.6667	42.29	-1.82	40.47	74.00	-33.53	peak
6	2840.7301	41.12	0.11	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 7.1.
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.

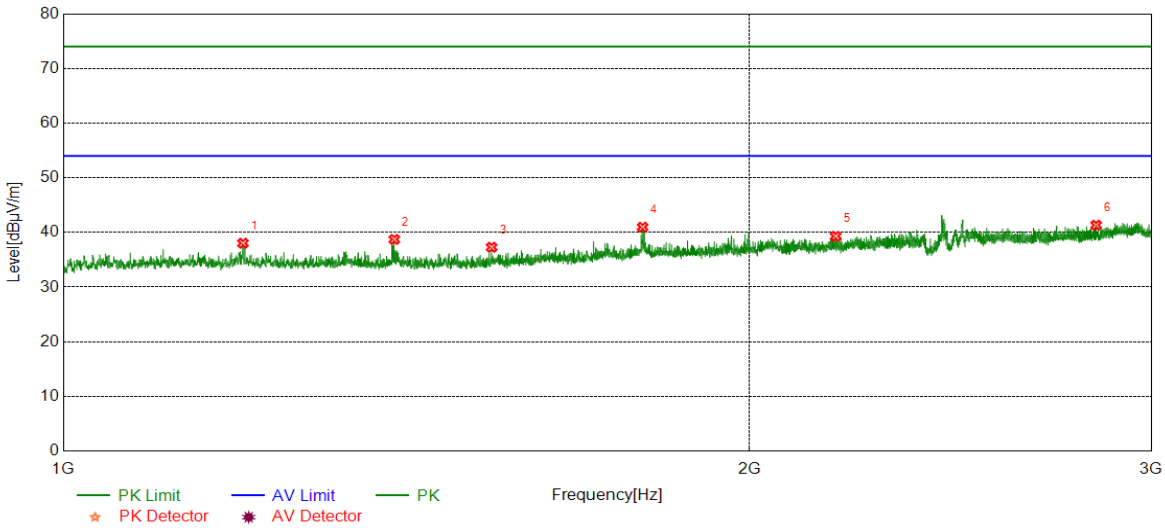
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.2748	45.42	-5.54	39.88	74.00	-34.12	peak
2	1399.0499	45.88	-5.56	40.32	74.00	-33.68	peak
3	1596.3245	42.49	-5.27	37.22	74.00	-36.78	peak
4	1795.3494	46.95	-3.93	43.02	74.00	-30.98	peak
5	2179.3974	48.39	-2.32	46.07	74.00	-27.93	peak
6	2741.9677	42.80	-0.49	42.31	74.00	-31.69	peak

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

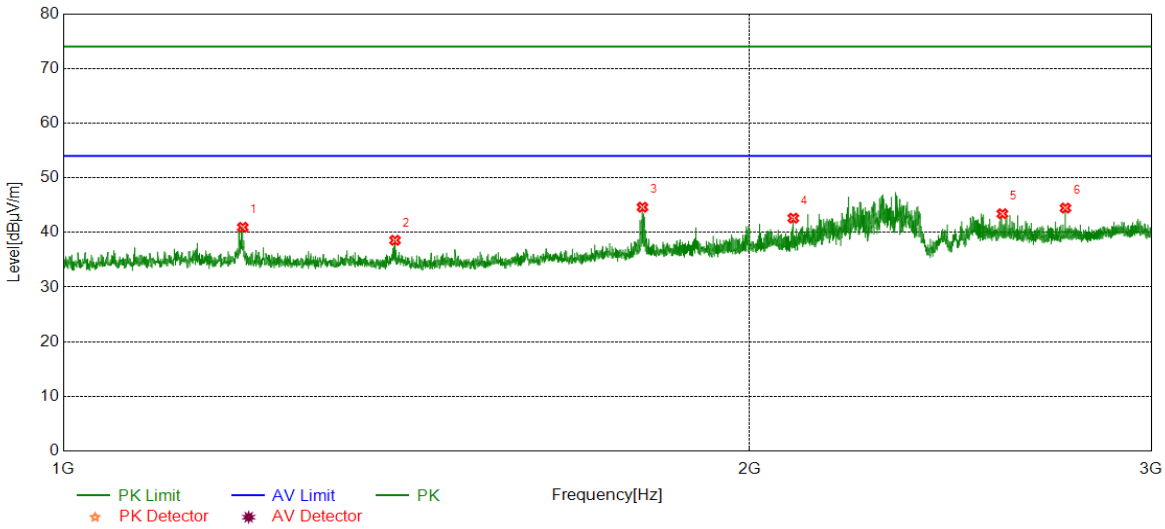
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.0249	43.56	-5.54	38.02	74.00	-35.98	peak
2	1397.0496	44.33	-5.61	38.72	74.00	-35.28	peak
3	1541.3177	42.95	-5.66	37.29	74.00	-36.71	peak
4	1795.0994	44.89	-3.93	40.96	74.00	-33.04	peak
5	2181.3977	41.61	-2.32	39.29	74.00	-34.71	peak
6	2837.7297	41.26	0.07	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.

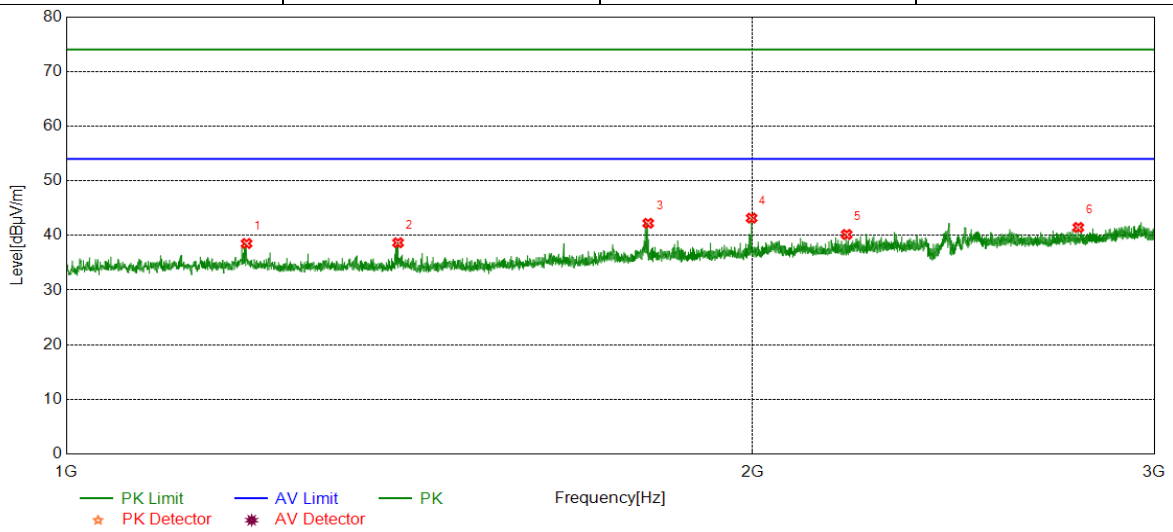
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.7748	46.48	-5.54	40.94	74.00	-33.06	peak
2	1398.0498	44.15	-5.59	38.56	74.00	-35.44	peak
3	1794.8494	48.55	-3.93	44.62	74.00	-29.38	peak
4	2090.1363	45.25	-2.64	42.61	74.00	-31.39	peak
5	2581.4477	44.42	-1.00	43.42	74.00	-30.58	peak
6	2751.2189	44.88	-0.42	44.46	74.00	-29.54	peak

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

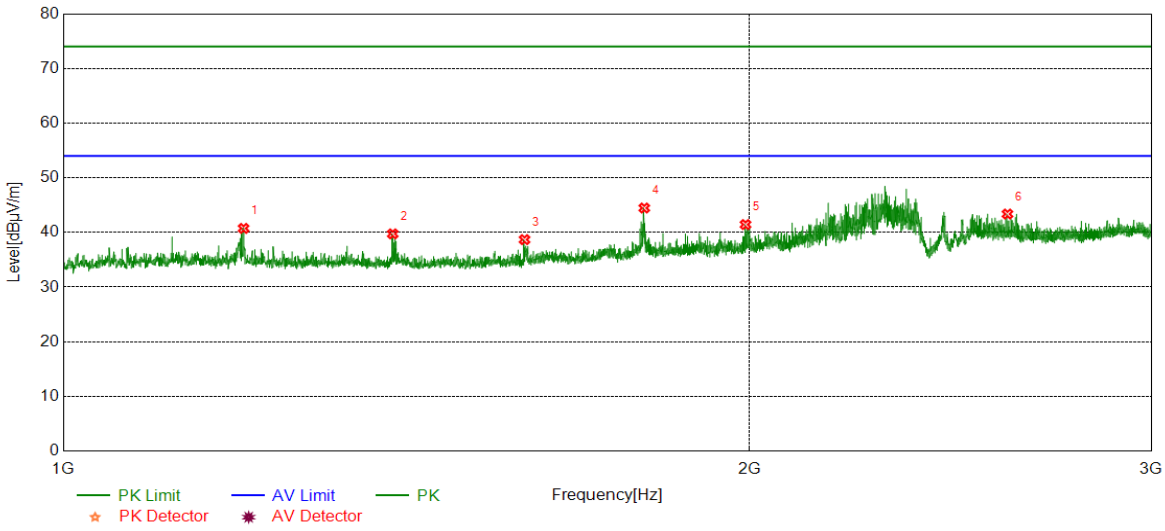
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.7750	44.06	-5.54	38.52	74.00	-35.48	peak
2	1398.0498	44.25	-5.59	38.66	74.00	-35.34	peak
3	1799.8500	46.11	-3.88	42.23	74.00	-31.77	peak
4	1997.8747	46.21	-3.04	43.17	74.00	-30.83	peak
5	2199.1499	42.58	-2.40	40.18	74.00	-33.82	peak
6	2778.7223	41.73	-0.27	41.46	74.00	-32.54	peak

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

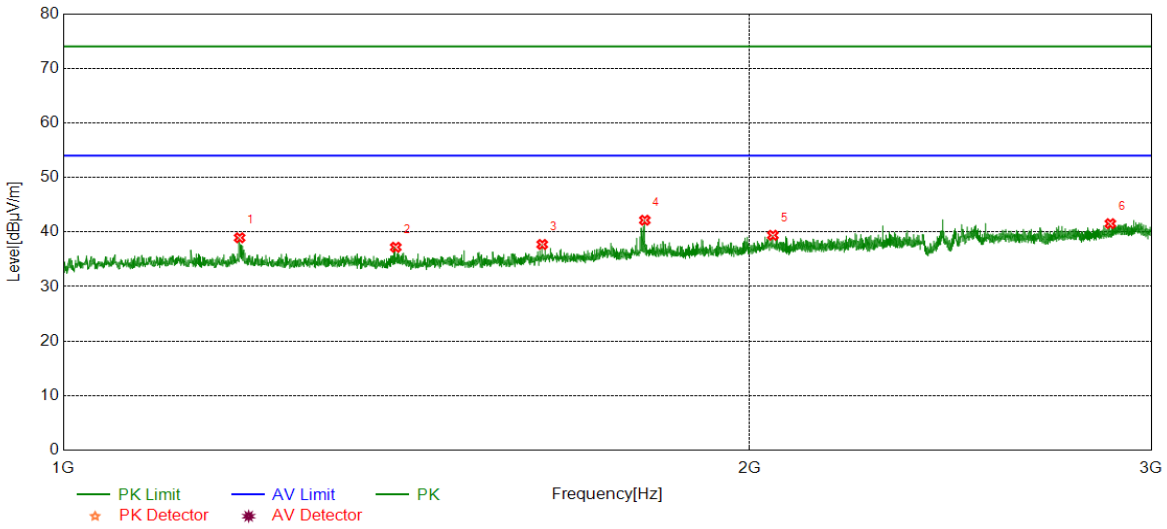
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.7750	46.28	-5.54	40.74	74.00	-33.26	peak
2	1394.7994	45.40	-5.66	39.74	74.00	-34.26	peak
3	1593.3242	44.04	-5.35	38.69	74.00	-35.31	peak
4	1798.0998	48.37	-3.90	44.47	74.00	-29.53	peak
5	1991.6240	44.54	-3.10	41.44	74.00	-32.56	peak
6	2594.6993	44.16	-0.79	43.37	74.00	-30.63	peak

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

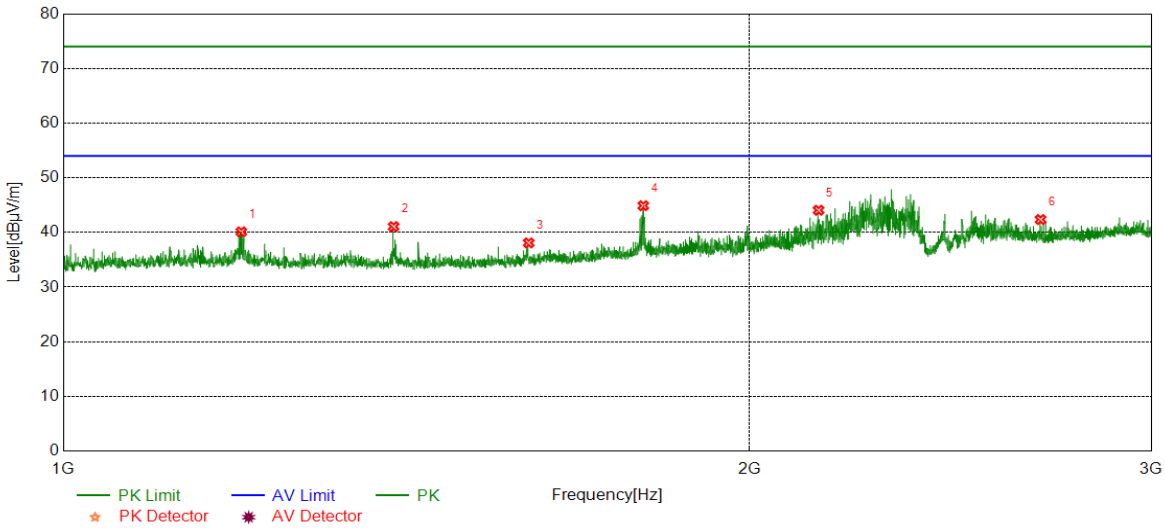
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.0244	44.49	-5.55	38.94	74.00	-35.06	peak
2	1399.0499	42.77	-5.56	37.21	74.00	-36.79	peak
3	1622.0778	42.84	-5.12	37.72	74.00	-36.28	peak
4	1799.0999	46.05	-3.89	42.16	74.00	-31.84	peak
5	2047.3809	41.92	-2.52	39.40	74.00	-34.60	peak
6	2878.7348	41.29	0.24	41.53	74.00	-32.47	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.

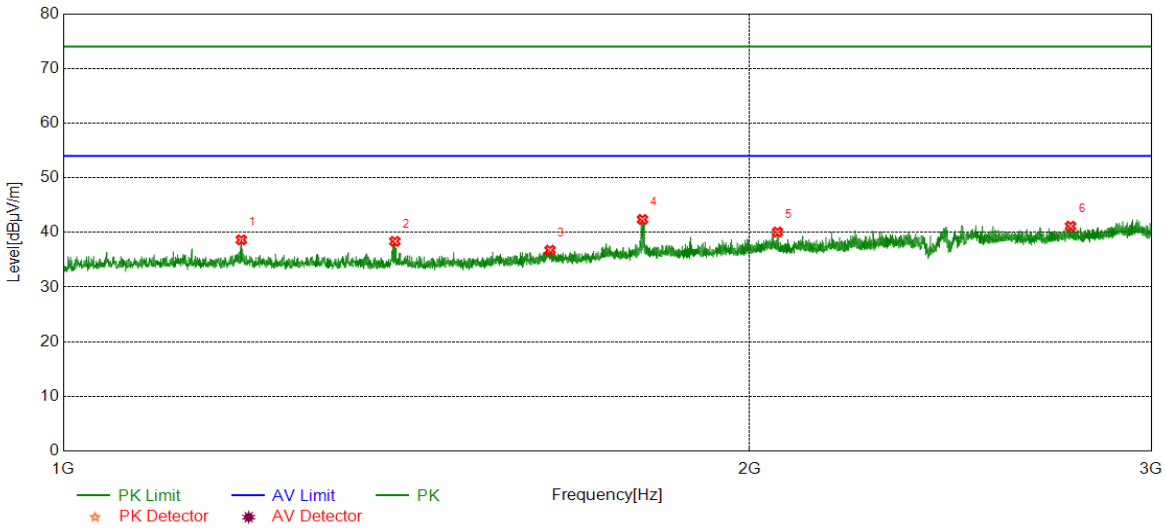
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.0246	45.65	-5.54	40.11	74.00	-33.89	peak
2	1396.0495	46.70	-5.63	41.07	74.00	-32.93	peak
3	1600.0750	43.25	-5.17	38.08	74.00	-35.92	peak
4	1796.3495	48.81	-3.92	44.89	74.00	-29.11	peak
5	2144.1430	46.62	-2.56	44.06	74.00	-29.94	peak
6	2682.9604	43.04	-0.68	42.36	74.00	-31.64	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.

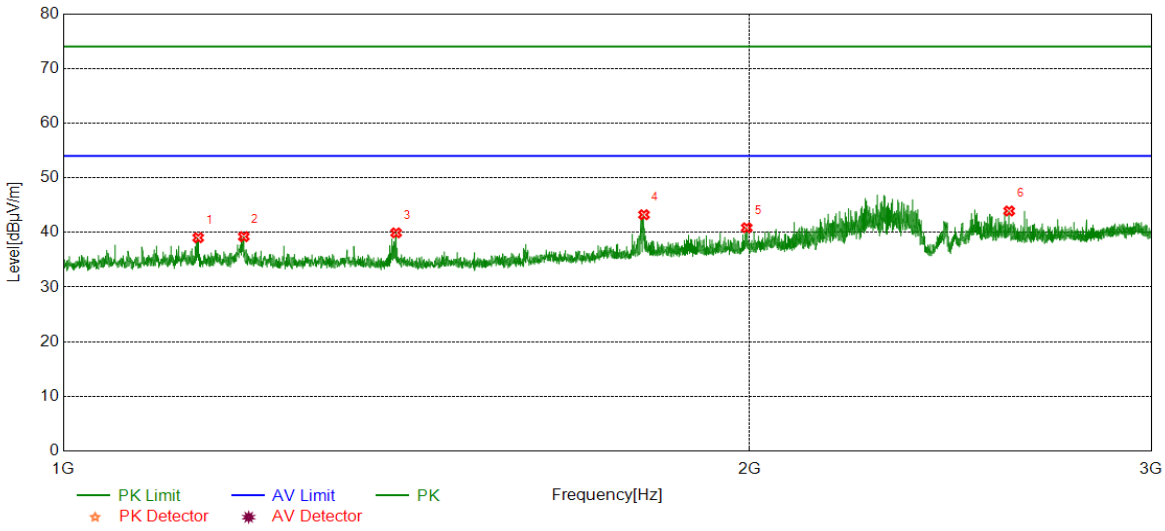
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.0246	44.19	-5.54	38.65	74.00	-35.35	peak
2	1397.7997	43.96	-5.59	38.37	74.00	-35.63	peak
3	1634.8294	41.81	-5.06	36.75	74.00	-37.25	peak
4	1794.8494	46.30	-3.93	42.37	74.00	-31.63	peak
5	2056.8821	42.72	-2.65	40.07	74.00	-33.93	peak
6	2765.4707	41.41	-0.27	41.14	74.00	-32.86	peak

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

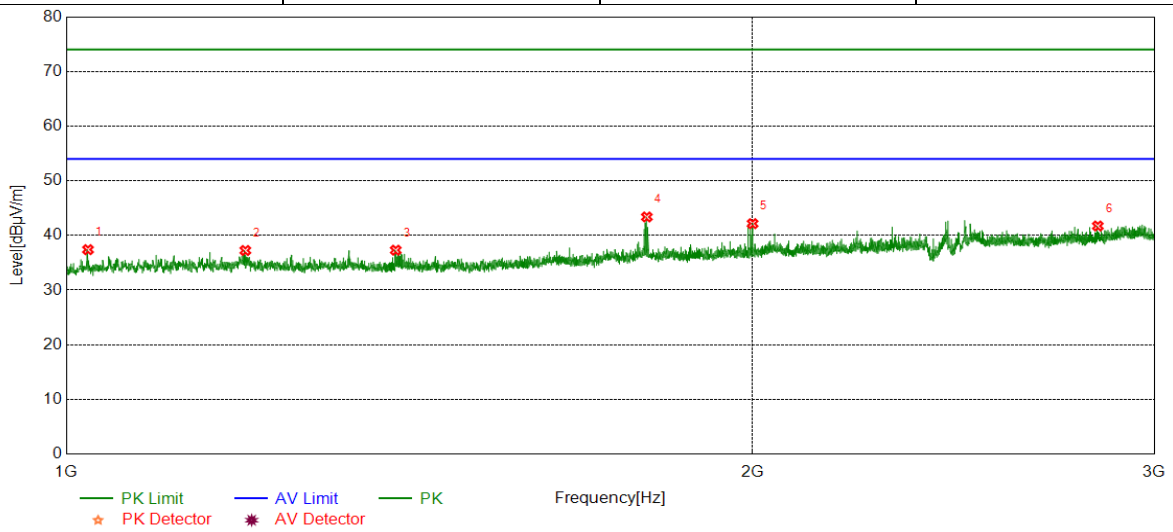
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1146.0183	44.56	-5.53	39.03	74.00	-34.97	peak
2	1200.0250	44.77	-5.54	39.23	74.00	-34.77	peak
3	1399.5499	45.47	-5.55	39.92	74.00	-34.08	peak
4	1797.5997	47.14	-3.90	43.24	74.00	-30.76	peak
5	1994.1243	43.92	-3.07	40.85	74.00	-33.15	peak
6	2599.1999	44.61	-0.69	43.92	74.00	-30.08	peak

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

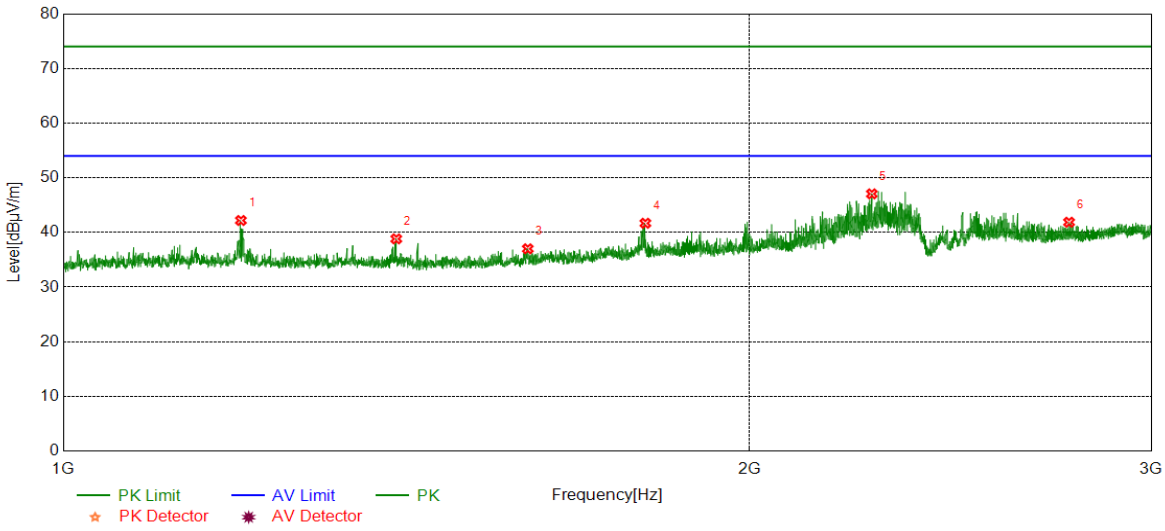
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1022.2528	42.84	-5.44	37.40	74.00	-36.60	peak
2	1198.2748	42.79	-5.54	37.25	74.00	-36.75	peak
3	1394.7994	42.96	-5.66	37.30	74.00	-36.70	peak
4	1797.3497	47.29	-3.91	43.38	74.00	-30.62	peak
5	1999.8750	45.18	-3.02	42.16	74.00	-31.84	peak
6	2833.9792	41.71	0.02	41.73	74.00	-32.27	peak

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

Test Mode	Channel	Polarization	Verdict
11N40 MIMO	HCH	Vertical	PASS



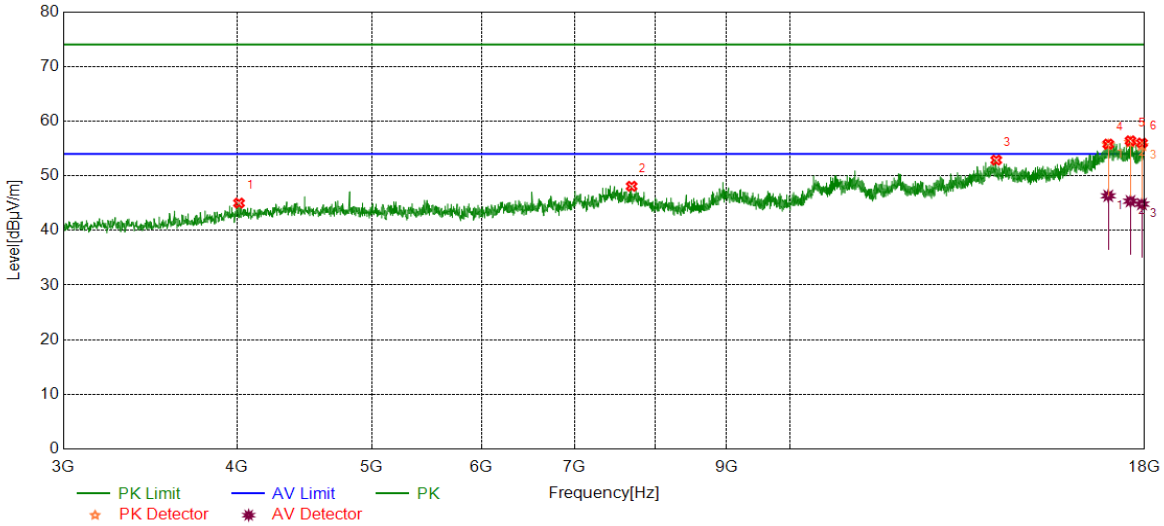
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1022.2528	42.84	-5.44	37.40	74.00	-36.60	peak
2	1198.2748	42.79	-5.54	37.25	74.00	-36.75	peak
3	1394.7994	42.96	-5.66	37.30	74.00	-36.70	peak
4	1797.3497	47.29	-3.91	43.38	74.00	-30.62	peak
5	1999.8750	45.18	-3.02	42.16	74.00	-31.84	peak
6	2833.9792	41.71	0.02	41.73	74.00	-32.27	peak

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

Part II: 3GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

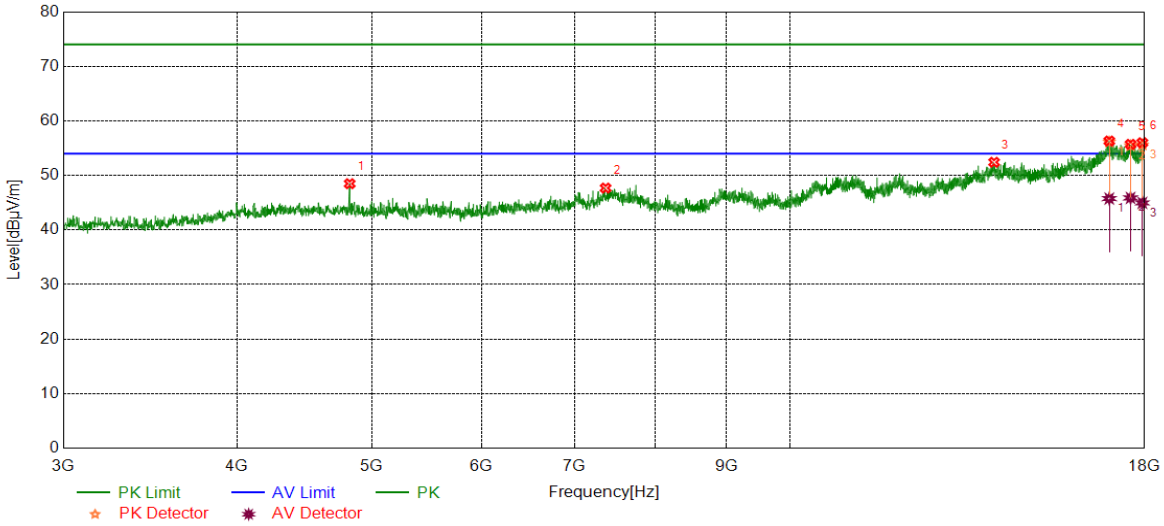
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4014.5018	40.85	4.15	45.00	74.00	-29.00	peak
2	7693.7117	39.49	8.59	48.08	74.00	-25.92	peak
3	14077.0096	37.08	15.79	52.87	74.00	-21.13	peak
4	16947.9935	36.54	19.26	55.80	74.00	-18.20	peak
		27.07	19.26	46.33	54.00	-7.67	average
5	17583.6980	37.51	18.88	56.39	74.00	-17.61	peak
		26.47	18.88	45.35	54.00	-8.65	average
6	17921.2402	37.64	18.35	55.99	74.00	-18.01	peak
		26.47	18.35	44.82	54.00	-9.18	average

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

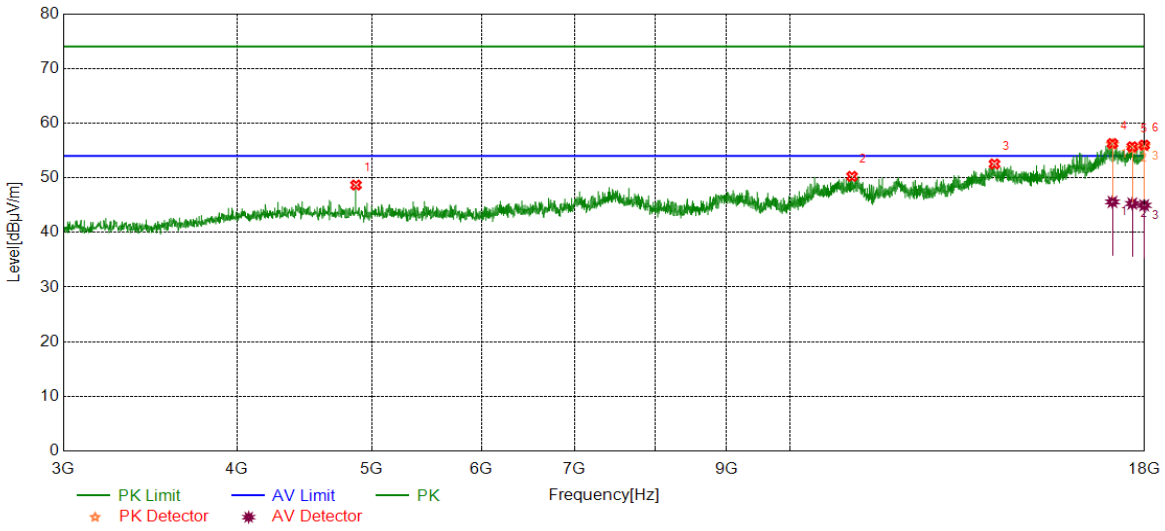
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4822.7278	43.59	4.90	48.49	74.00	-25.51	peak
2	7369.2962	38.97	8.72	47.69	74.00	-26.31	peak
3	14026.3783	37.02	15.40	52.42	74.00	-21.58	peak
4	16976.1220	36.66	19.65	56.31	74.00	-17.69	peak
		26.11	19.65	45.76	54.00	-8.24	average
5	17585.5732	36.86	18.85	55.71	74.00	-18.29	peak
		27.03	18.85	45.88	54.00	-8.12	average
6	17932.4916	37.62	18.38	56.00	74.00	-18.00	peak
		26.59	18.38	44.97	54.00	-9.03	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 7.1.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

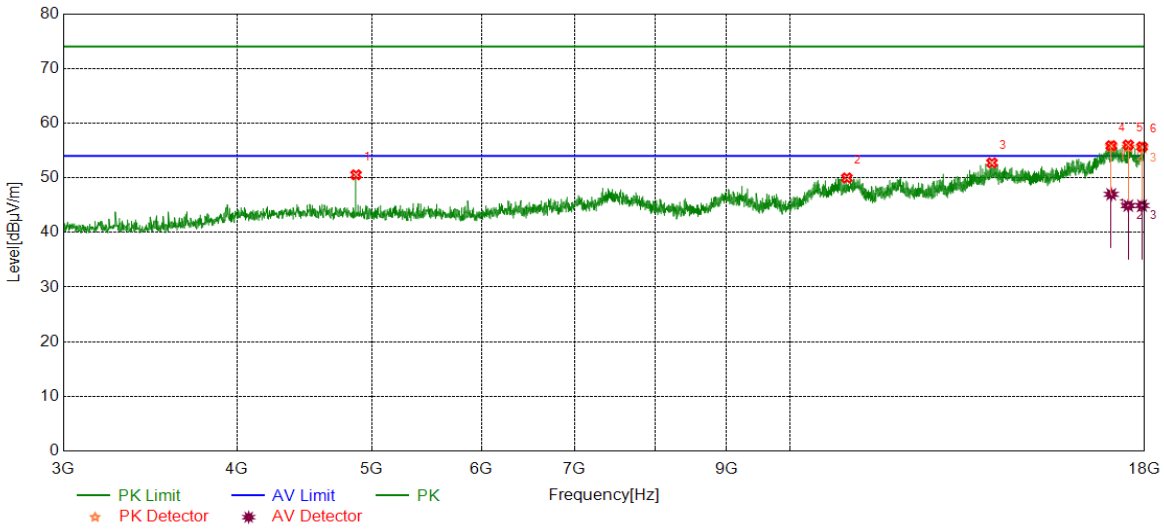
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	43.81	4.86	48.67	74.00	-25.33	peak
2	11084.1355	37.47	12.79	50.26	74.00	-23.74	peak
3	14035.7545	37.02	15.51	52.53	74.00	-21.47	peak
4	17066.1333	36.58	19.69	56.27	74.00	-17.73	peak
		25.90	19.69	45.59	54.00	-8.41	average
5	17636.2045	36.97	18.71	55.68	74.00	-18.32	peak
		26.57	18.71	45.28	54.00	-8.72	average
6	17986.8734	37.67	18.31	55.98	74.00	-18.02	peak
		26.65	18.31	44.96	54.00	-9.04	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.

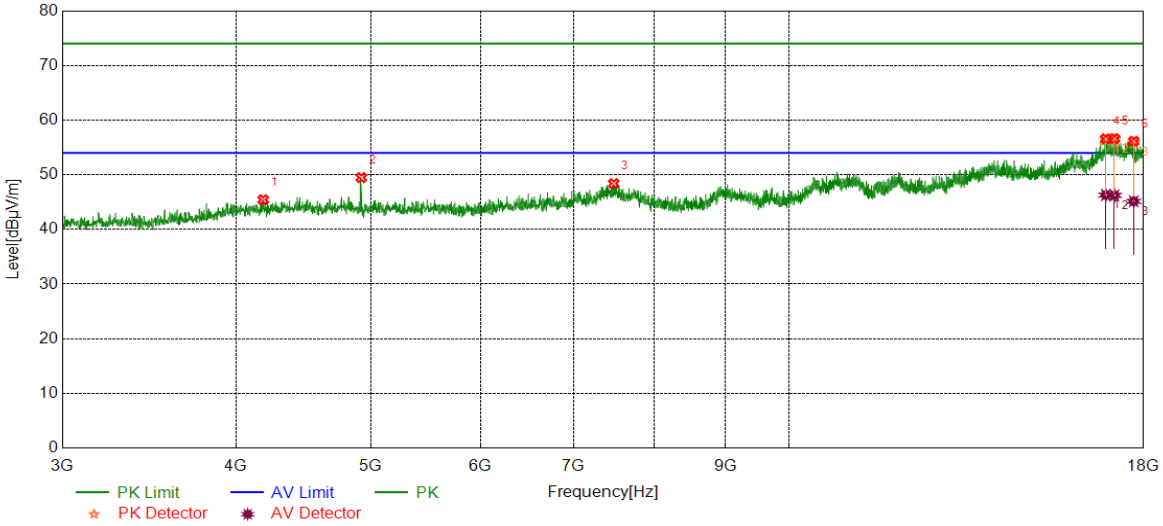
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	45.68	4.86	50.54	74.00	-23.46	peak
2	10990.3738	37.47	12.50	49.97	74.00	-24.03	peak
3	13977.6222	37.62	15.11	52.73	74.00	-21.27	peak
4	17030.5038	36.37	19.50	55.87	74.00	-18.13	peak
		27.48	19.50	46.98	54.00	-7.02	average
5	17518.0648	37.63	18.37	56.00	74.00	-18.00	peak
		26.53	18.37	44.90	54.00	-9.10	average
6	17924.9906	37.32	18.36	55.68	74.00	-18.32	peak
		26.56	18.36	44.92	54.00	-9.08	average

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

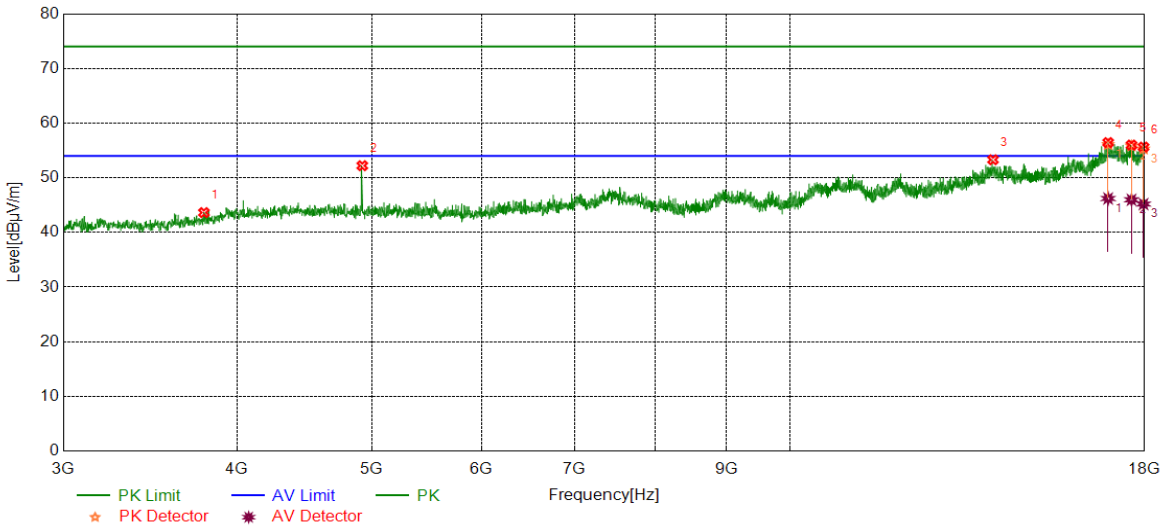
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4185.1481	41.05	4.39	45.44	74.00	-28.56	peak
2	4923.9905	44.40	5.08	49.48	74.00	-24.52	peak
3	7481.8102	39.40	8.99	48.39	74.00	-25.61	peak
4	16906.7383	37.99	18.59	56.58	74.00	-17.42	peak
		27.71	18.59	46.30	54.00	-7.70	average
5	17150.5188	37.53	19.09	56.62	74.00	-17.38	peak
		27.14	19.09	46.23	54.00	-7.77	average
6	17707.4634	37.99	18.15	56.14	74.00	-17.86	peak
		26.99	18.15	45.14	54.00	-8.86	average

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

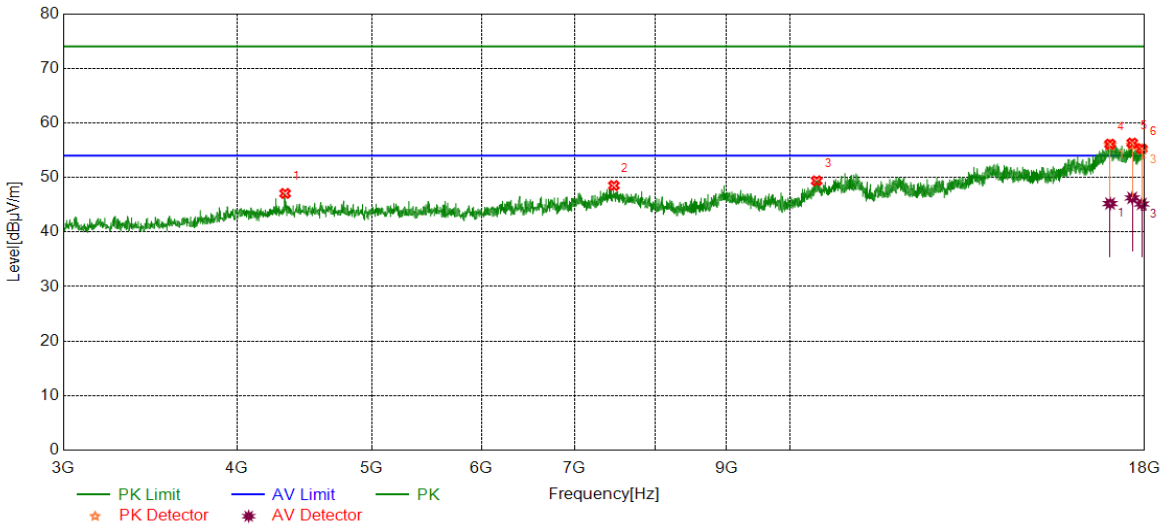
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3787.5985	40.30	3.33	43.63	74.00	-30.37	peak
2	4923.9905	47.13	5.08	52.21	74.00	-21.79	peak
3	14002.0003	38.17	15.13	53.30	74.00	-20.70	peak
4	16944.2430	37.11	19.33	56.44	74.00	-17.56	peak
		26.88	19.33	46.21	54.00	-7.79	average
5	17613.7017	37.28	18.71	55.99	74.00	-18.01	peak
		27.26	18.71	45.97	54.00	-8.03	average
6	17968.1210	37.24	18.38	55.62	74.00	-18.38	peak
		26.81	18.38	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.

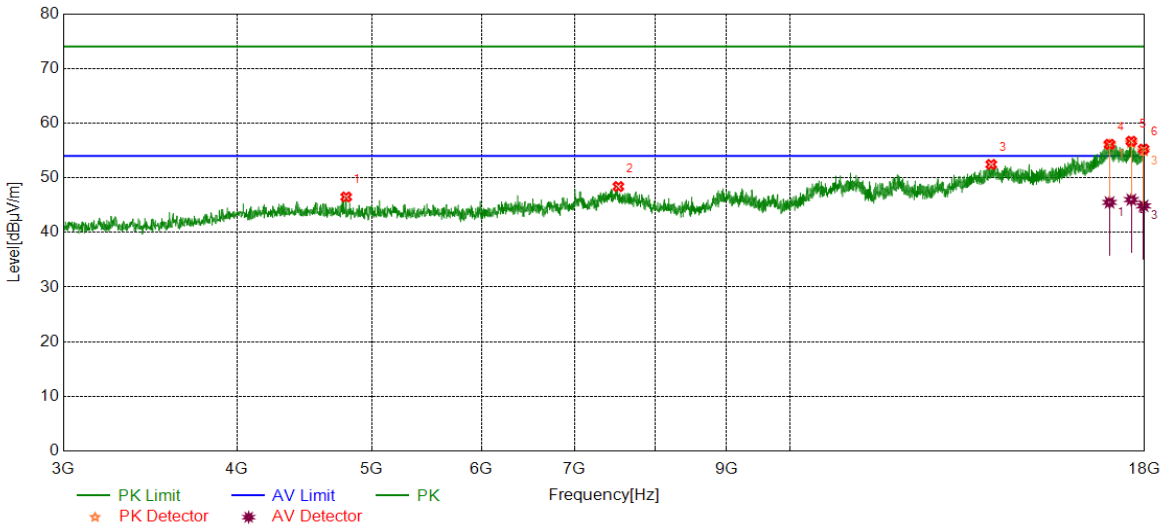
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4333.2917	42.26	4.81	47.07	74.00	-26.93	peak
2	7470.5588	39.29	9.22	48.51	74.00	-25.49	peak
3	10454.0568	37.73	11.65	49.38	74.00	-24.62	peak
4	16998.6248	37.20	18.91	56.11	74.00	-17.89	peak
		26.31	18.91	45.22	54.00	-8.78	average
5	17634.3293	37.55	18.76	56.31	74.00	-17.69	peak
		27.49	18.76	46.25	54.00	-7.75	average
6	17915.6145	36.94	18.32	55.26	74.00	-18.74	peak
		26.82	18.32	45.14	54.00	-8.86	average

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

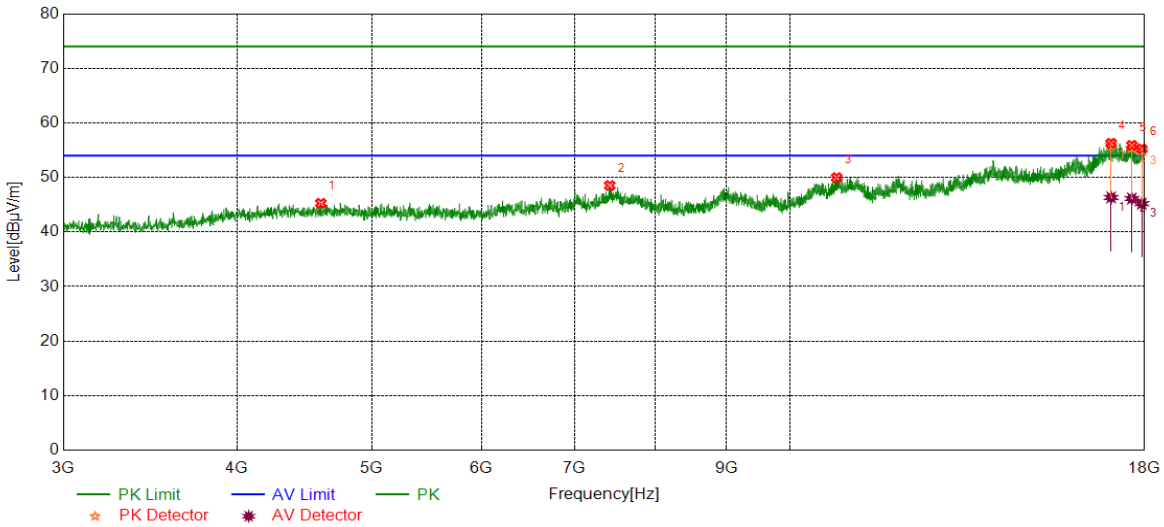
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4794.5993	41.55	4.94	46.49	74.00	-27.51	peak
2	7526.8159	39.11	9.28	48.39	74.00	-25.61	peak
3	13960.7451	37.43	15.01	52.44	74.00	-21.56	peak
4	16983.6230	36.83	19.30	56.13	74.00	-17.87	peak
		26.20	19.30	45.50	54.00	-8.50	average
5	17608.0760	37.97	18.72	56.69	74.00	-17.31	peak
		27.28	18.72	46.00	54.00	-8.00	average
6	17968.1210	36.88	18.38	55.26	74.00	-18.74	peak
		26.48	18.38	44.86	54.00	-9.14	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.

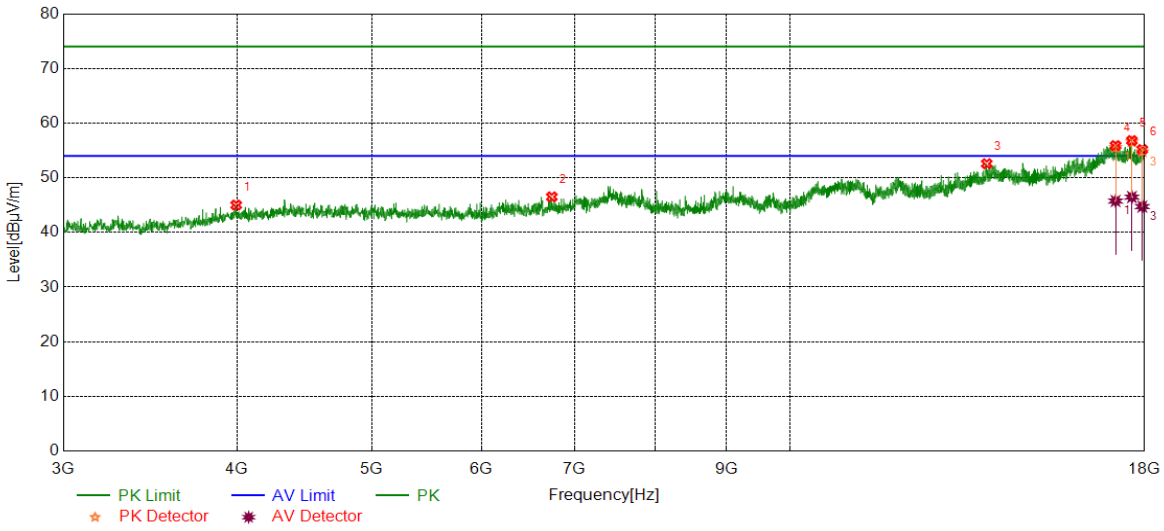
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4597.6997	40.31	4.95	45.26	74.00	-28.74	peak
2	7419.9275	39.47	9.05	48.52	74.00	-25.48	peak
3	10806.6008	37.87	12.09	49.96	74.00	-24.04	peak
4	17028.6286	36.79	19.47	56.26	74.00	-17.74	peak
		26.86	19.47	46.33	54.00	-7.67	average
5	17623.0779	37.12	18.76	55.88	74.00	-18.12	peak
		27.37	18.76	46.13	54.00	-7.87	average
6	17917.4897	36.90	18.33	55.23	74.00	-18.77	peak
		26.87	18.33	45.20	54.00	-8.80	average

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

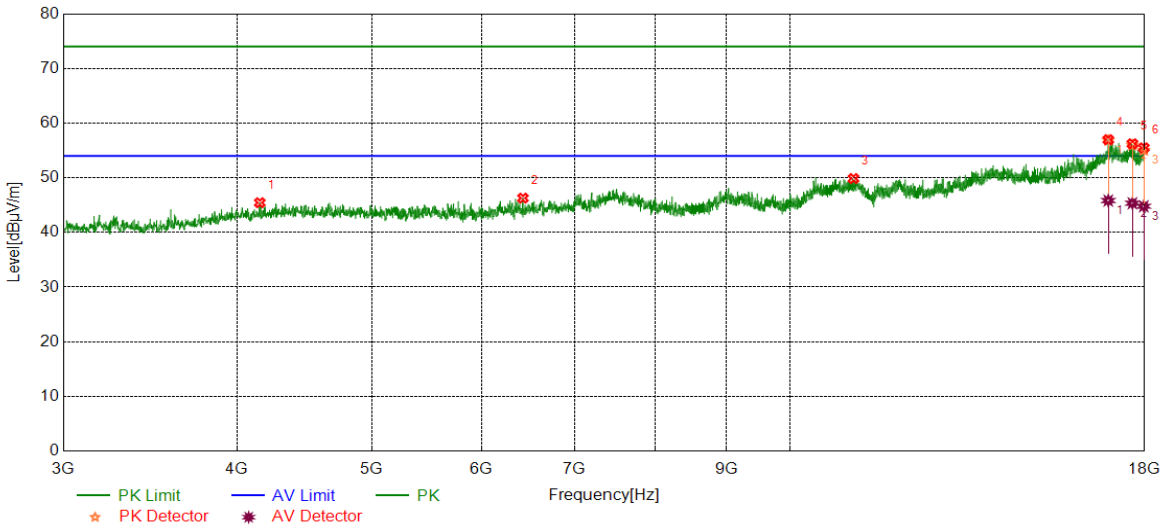
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3995.7495	40.86	4.15	45.01	74.00	-28.99	peak
2	6741.0926	38.07	8.44	46.51	74.00	-27.49	peak
3	13857.6072	37.76	14.82	52.58	74.00	-21.42	peak
4	17154.2693	36.99	18.90	55.89	74.00	-18.11	peak
		26.85	18.90	45.75	54.00	-8.25	average
5	17624.9531	38.01	18.79	56.80	74.00	-17.20	peak
		27.68	18.79	46.47	54.00	-7.53	average
6	17930.6163	36.78	18.39	55.17	74.00	-18.83	peak
		26.34	18.39	44.73	54.00	-9.27	average

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

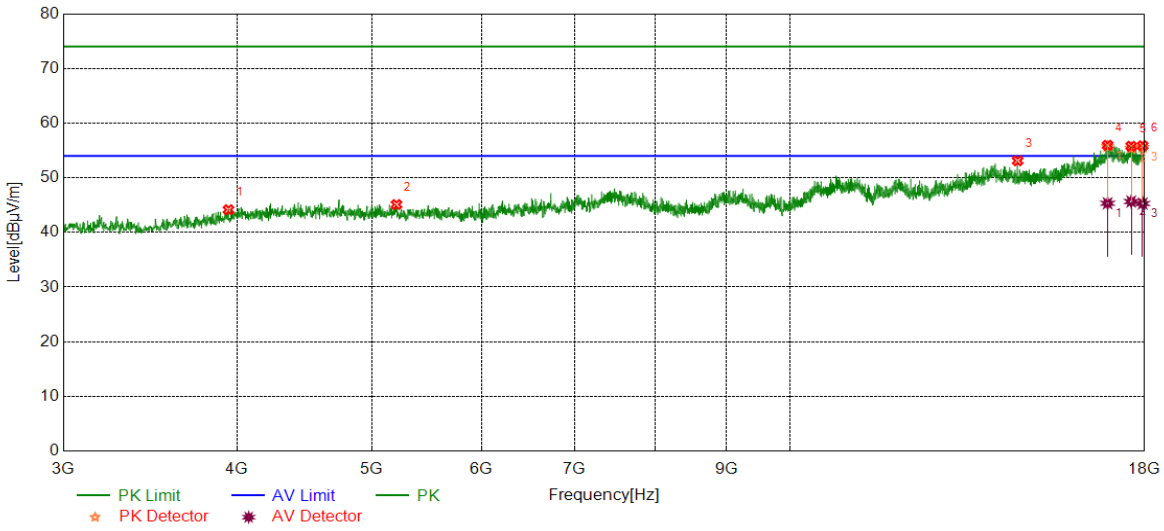
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4155.1444	40.92	4.52	45.44	74.00	-28.56	peak
2	6426.0533	39.16	7.12	46.28	74.00	-27.72	peak
3	11112.2640	37.30	12.56	49.86	74.00	-24.14	peak
4	16947.9935	37.71	19.26	56.97	74.00	-17.03	peak
		26.57	19.26	45.83	54.00	-8.17	average
5	17639.9550	37.61	18.61	56.22	74.00	-17.78	peak
		26.73	18.61	45.34	54.00	-8.66	average
6	17975.6220	37.15	18.33	55.48	74.00	-18.52	peak
		26.46	18.33	44.79	54.00	-9.21	average

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

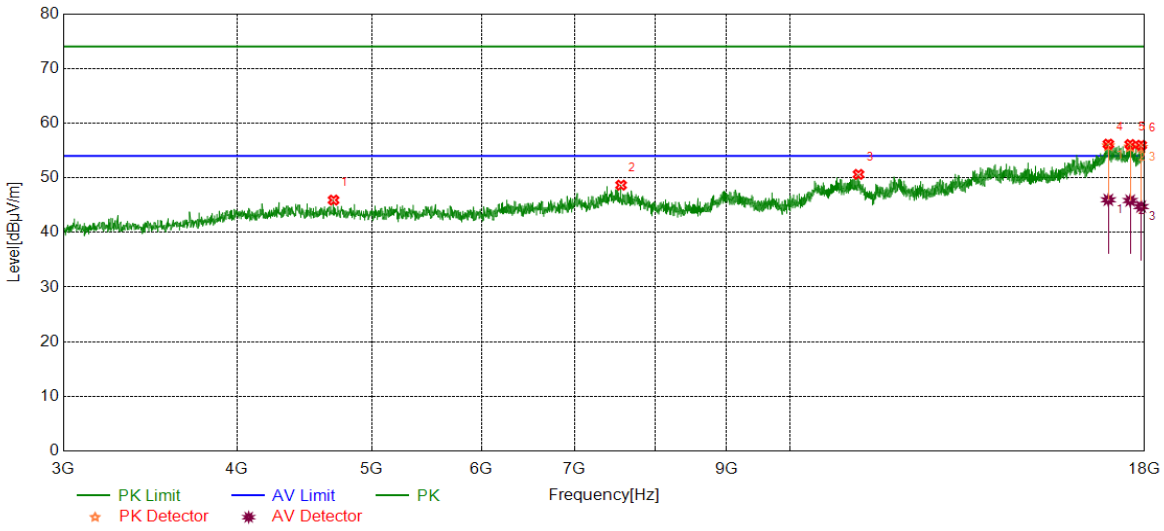
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3945.1181	39.77	4.38	44.15	74.00	-29.85	peak
2	5210.9014	39.74	5.36	45.10	74.00	-28.90	peak
3	14585.1982	38.54	14.57	53.11	74.00	-20.89	peak
4	16929.2412	37.02	18.93	55.95	74.00	-18.05	peak
		26.40	18.93	45.33	54.00	-8.67	average
5	17604.3255	37.06	18.72	55.78	74.00	-18.22	peak
		26.93	18.72	45.65	54.00	-8.35	average
6	17941.8677	37.49	18.37	55.86	74.00	-18.14	peak
		26.92	18.37	45.29	54.00	-8.71	average

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

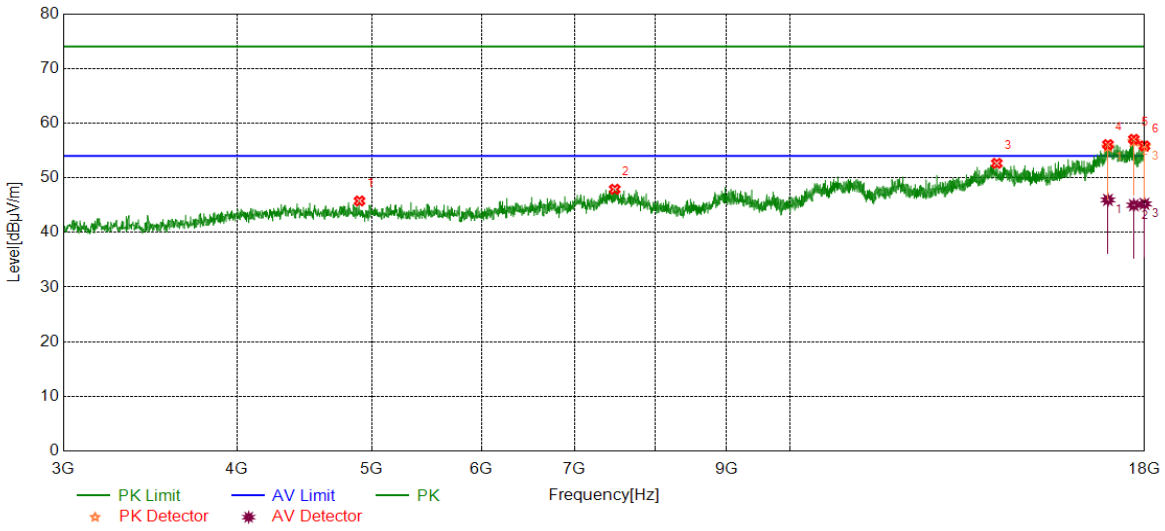
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4695.2119	40.91	5.01	45.92	74.00	-28.08	peak
2	7560.5701	39.30	9.35	48.65	74.00	-25.35	peak
3	11204.1505	38.31	12.31	50.62	74.00	-23.38	peak
4	16949.8687	36.93	19.23	56.16	74.00	-17.84	peak
		26.73	19.23	45.96	54.00	-8.04	average
5	17574.3218	37.02	19.07	56.09	74.00	-17.91	peak
		26.76	19.07	45.83	54.00	-8.17	average
6	17896.8621	37.69	18.27	55.96	74.00	-18.04	peak
		26.46	18.27	44.73	54.00	-9.27	average

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

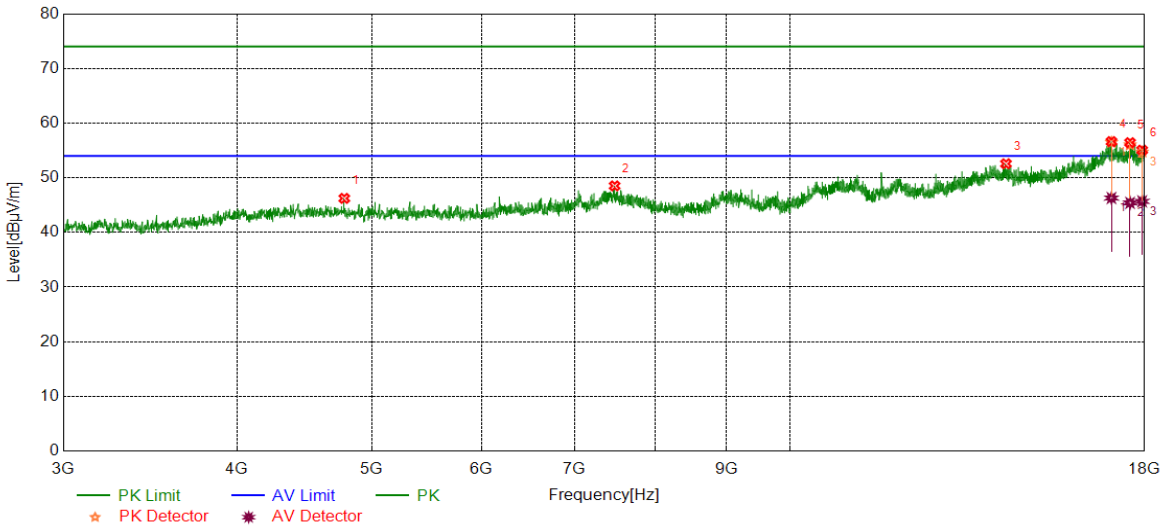
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4901.4877	40.94	4.82	45.76	74.00	-28.24	peak
2	7481.8102	38.91	8.99	47.90	74.00	-26.10	peak
3	14090.1363	37.10	15.54	52.64	74.00	-21.36	peak
4	16938.6173	36.73	19.34	56.07	74.00	-17.93	peak
		26.61	19.34	45.95	54.00	-8.05	average
5	17681.2102	38.93	18.11	57.04	74.00	-16.96	peak
		26.87	18.11	44.98	54.00	-9.02	average
6	17994.3743	37.52	18.31	55.83	74.00	-18.17	peak
		26.92	18.31	45.23	54.00	-8.77	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.

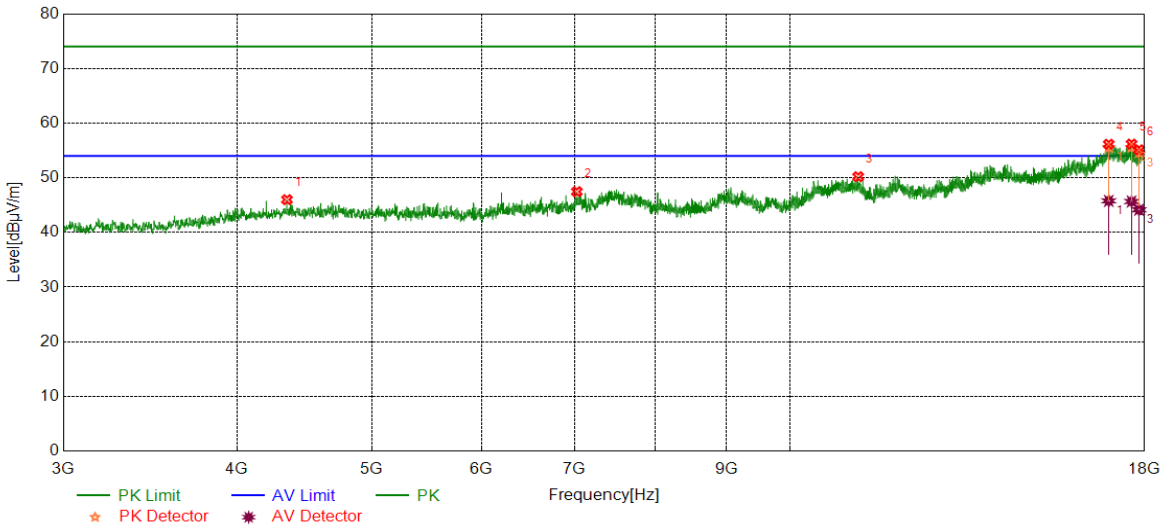
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4779.5975	40.94	5.29	46.23	74.00	-27.77	peak
2	7479.9350	39.54	8.98	48.52	74.00	-25.48	peak
3	14305.7882	37.53	15.04	52.57	74.00	-21.43	peak
4	17038.0048	37.12	19.50	56.62	74.00	-17.38	peak
		26.80	19.50	46.30	54.00	-7.70	average
5	17570.5713	37.28	19.15	56.43	74.00	-17.57	peak
		26.26	19.15	45.41	54.00	-8.59	average
6	17926.8659	36.69	18.37	55.06	74.00	-18.94	peak
		27.32	18.37	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 7.1.
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.

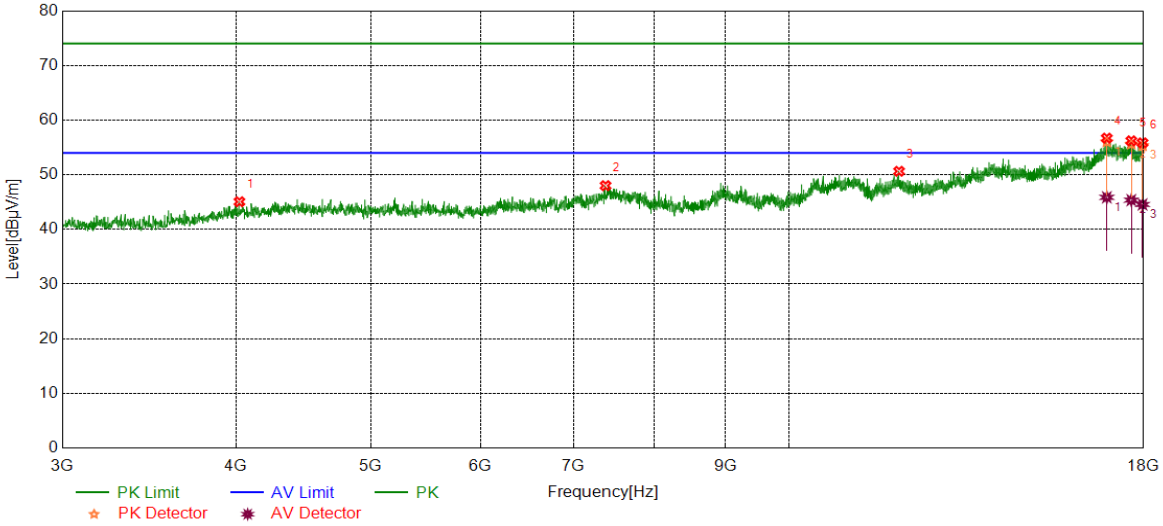
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4346.4183	41.24	4.76	46.00	74.00	-28.00	peak
2	7026.1283	38.90	8.57	47.47	74.00	-26.53	peak
3	11198.5248	37.90	12.30	50.20	74.00	-23.80	peak
4	16961.1201	36.37	19.77	56.14	74.00	-17.86	peak
		26.01	19.77	45.78	54.00	-8.22	average
5	17615.5769	37.46	18.71	56.17	74.00	-17.83	peak
		26.95	18.71	45.66	54.00	-8.34	average
6	17833.1041	36.95	18.17	55.12	74.00	-18.88	peak
		25.98	18.17	44.15	54.00	-9.85	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.

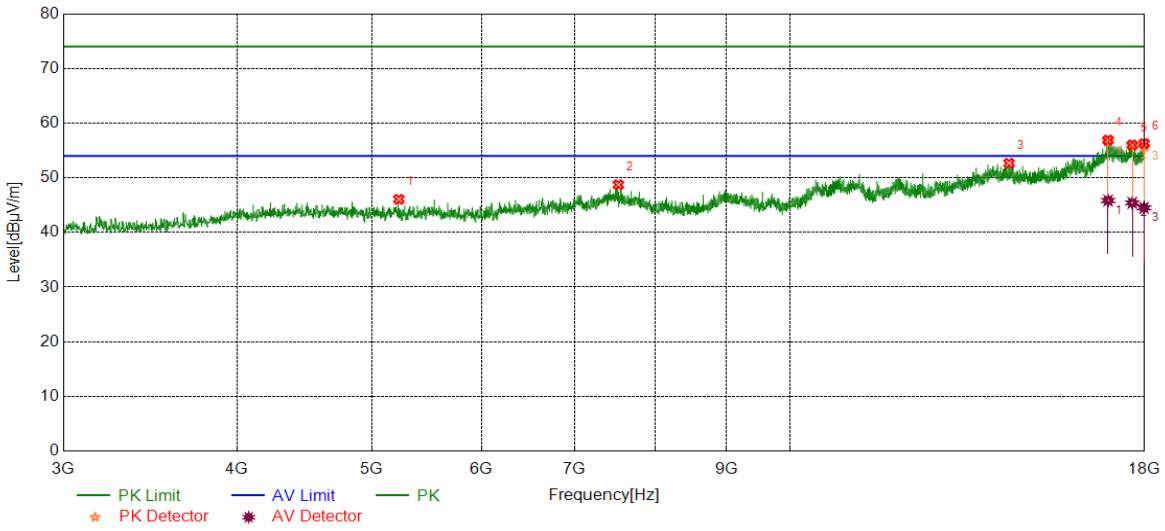
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4023.8780	40.91	4.16	45.07	74.00	-28.93	peak
2	7380.5476	39.24	8.77	48.01	74.00	-25.99	peak
3	12003.0004	37.51	13.13	50.64	74.00	-23.36	peak
4	16934.8669	37.53	19.17	56.70	74.00	-17.30	peak
		26.70	19.17	45.87	54.00	-8.13	average
5	17636.2045	37.50	18.71	56.21	74.00	-17.79	peak
		26.65	18.71	45.36	54.00	-8.64	average
6	17968.1210	37.46	18.38	55.84	74.00	-18.16	peak
		26.19	18.38	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 7.1.
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.

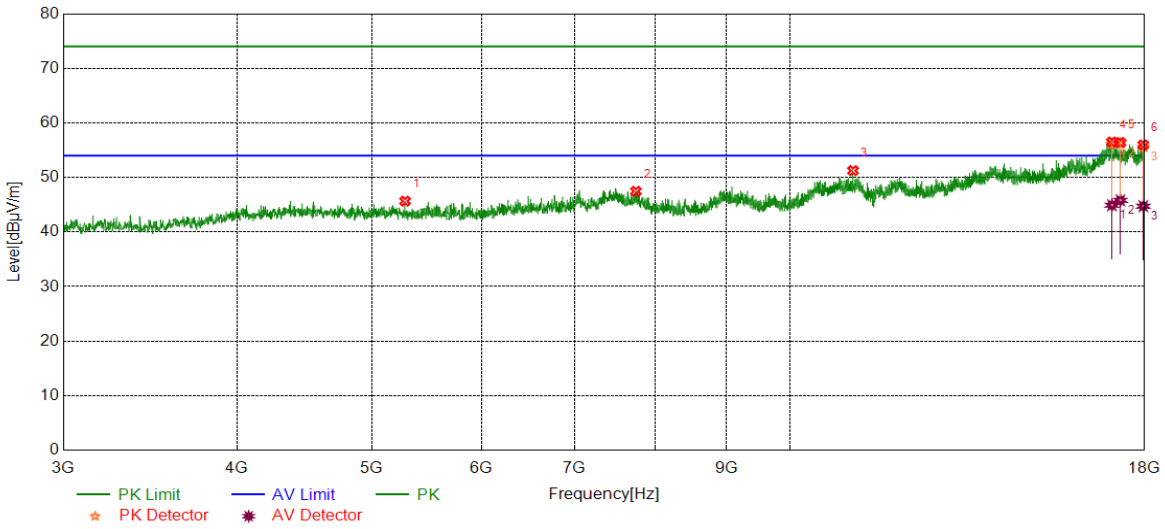
Test Mode	Channel	Polarization	Verdict
11N20 MIMO	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5231.5289	41.07	4.99	46.06	74.00	-27.94	peak
2	7526.8159	39.45	9.28	48.73	74.00	-25.27	peak
3	14378.9224	37.83	14.82	52.65	74.00	-21.35	peak
4	16942.3678	37.54	19.36	56.90	74.00	-17.10	peak
		26.48	19.36	45.84	54.00	-8.16	average
5	17634.3293	37.24	18.76	56.00	74.00	-18.00	peak
		26.65	18.76	45.41	54.00	-8.59	average
6	17983.1229	37.95	18.31	56.26	74.00	-17.74	peak
		26.19	18.31	44.50	54.00	-9.50	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.

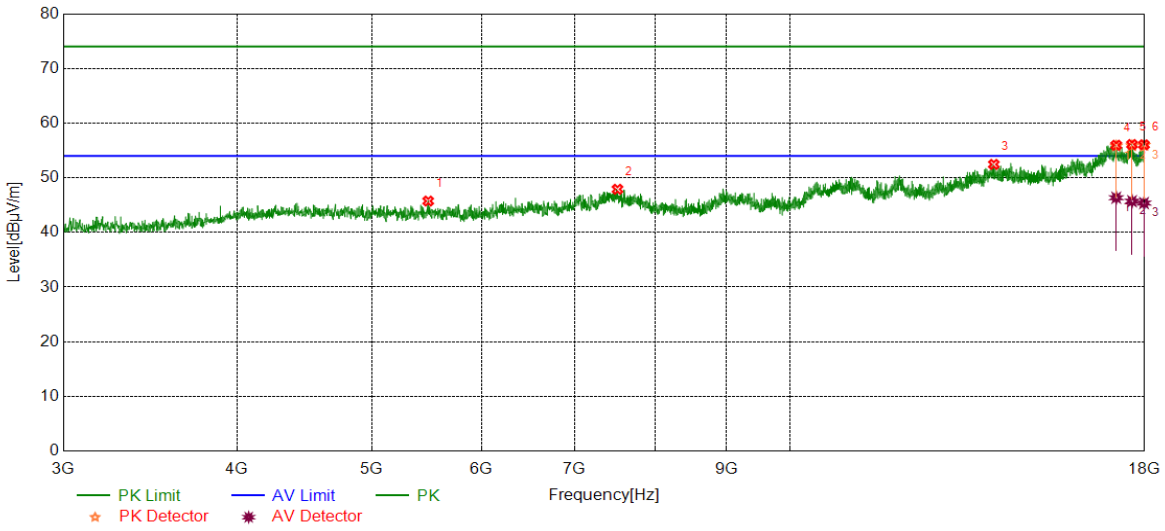
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5285.9107	40.63	5.03	45.66	74.00	-28.34	peak
2	7748.0935	39.03	8.43	47.46	74.00	-26.54	peak
3	11102.8879	38.58	12.68	51.26	74.00	-22.74	peak
4	17051.1314	36.88	19.62	56.50	74.00	-17.50	peak
		25.29	19.62	44.91	54.00	-9.09	average
5	17291.1614	37.87	18.54	56.41	74.00	-17.59	peak
		27.26	18.54	45.80	54.00	-8.20	average
6	17960.6201	37.47	18.49	55.96	74.00	-18.04	peak
		26.24	18.49	44.73	54.00	-9.27	average

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

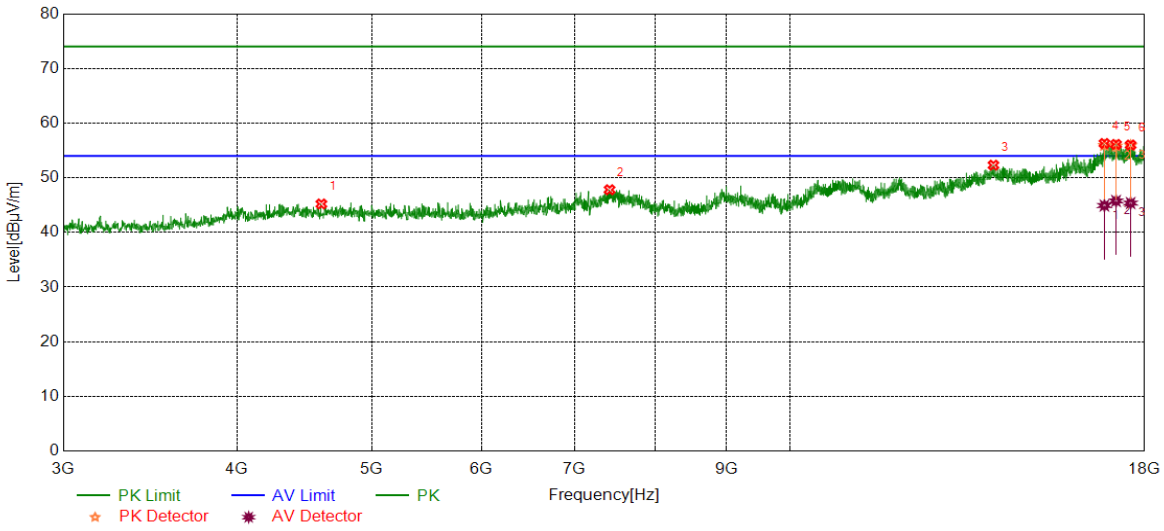
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5492.1865	40.32	5.42	45.74	74.00	-28.26	peak
2	7515.5644	38.77	9.13	47.90	74.00	-26.10	peak
3	14020.7526	37.19	15.26	52.45	74.00	-21.55	peak
4	17173.0216	37.41	18.54	55.95	74.00	-18.05	peak
		27.81	18.54	46.35	54.00	-7.65	average
5	17628.7036	37.24	18.85	56.09	74.00	-17.91	peak
		26.86	18.85	45.71	54.00	-8.29	average
6	17981.2477	37.73	18.31	56.04	74.00	-17.96	peak
		27.06	18.31	45.37	54.00	-8.63	average

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

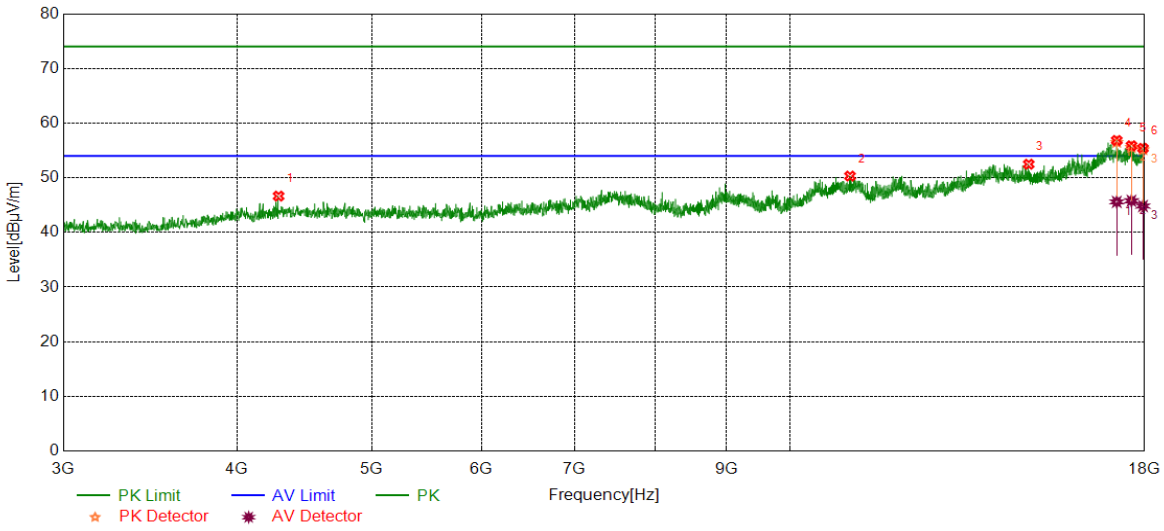
Test Mode	Channel	Polarization	Verdict
11N40 MIMO	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4601.4502	40.26	4.95	45.21	74.00	-28.79	peak
2	7418.0523	38.73	9.08	47.81	74.00	-26.19	peak
3	14011.3764	37.08	15.23	52.31	74.00	-21.69	peak
4	16839.2299	38.18	18.10	56.28	74.00	-17.72	peak
		26.82	18.10	44.92	54.00	-9.08	average
5	17167.3959	37.58	18.53	56.11	74.00	-17.89	peak
		27.23	18.53	45.76	54.00	-8.24	average
6	17587.4484	37.18	18.82	56.00	74.00	-18.00	peak
		26.55	18.82	45.37	54.00	-8.63	average

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

Test Mode	Channel	Polarization	Verdict
11N40 MIMO	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4286.4108	41.95	4.70	46.65	74.00	-27.35	peak
2	11048.5061	37.73	12.58	50.31	74.00	-23.69	peak
3	14855.2319	38.13	14.35	52.48	74.00	-21.52	peak
4	17188.0235	38.08	18.75	56.83	74.00	-17.17	peak
		26.84	18.75	45.59	54.00	-8.41	average
5	17611.8265	37.13	18.72	55.85	74.00	-18.15	peak
		27.07	18.72	45.79	54.00	-8.21	average
6	17951.2439	37.02	18.37	55.39	74.00	-18.61	peak
		26.46	18.37	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.