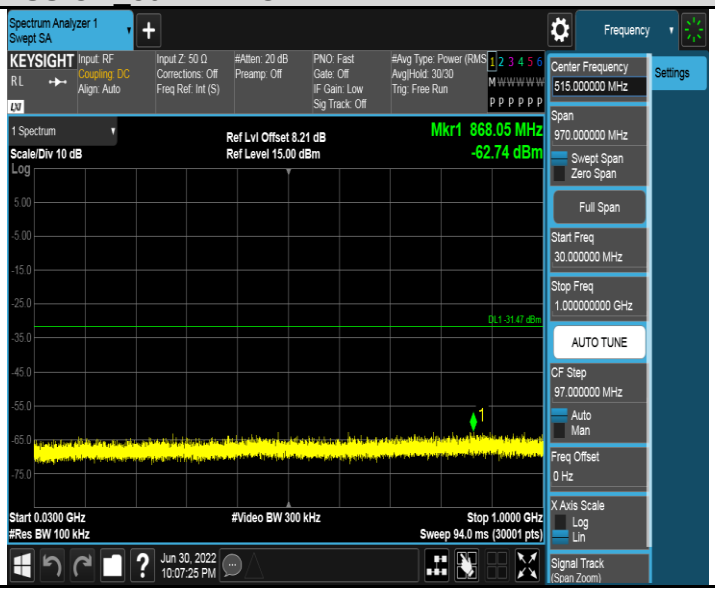
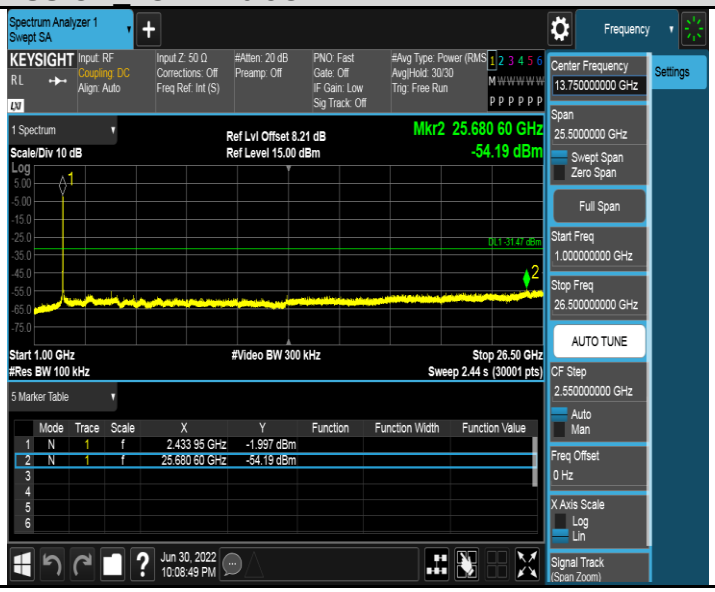
Test Mode	Channel	Verdict
11N HT20	MCH	PASS

MCH SPURIOUS EMISSION_30MHz~1GHz



MCH SPURIOUS EMISSION_1GHz~26.5GHz



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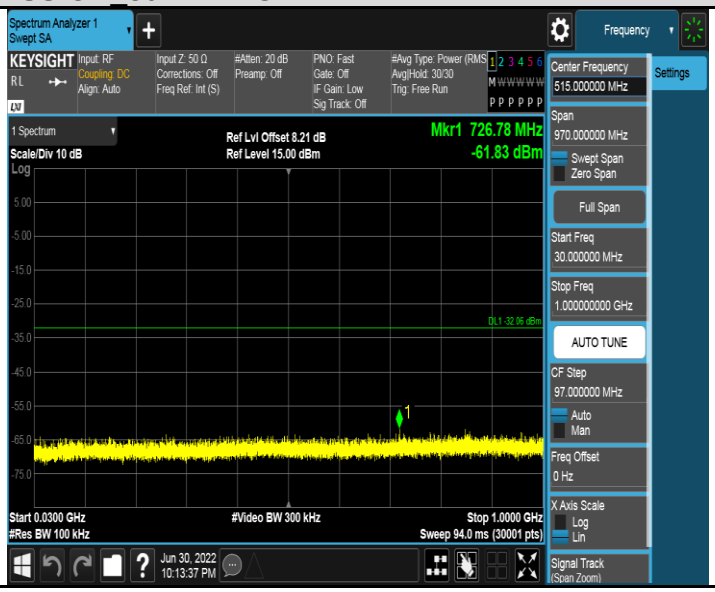
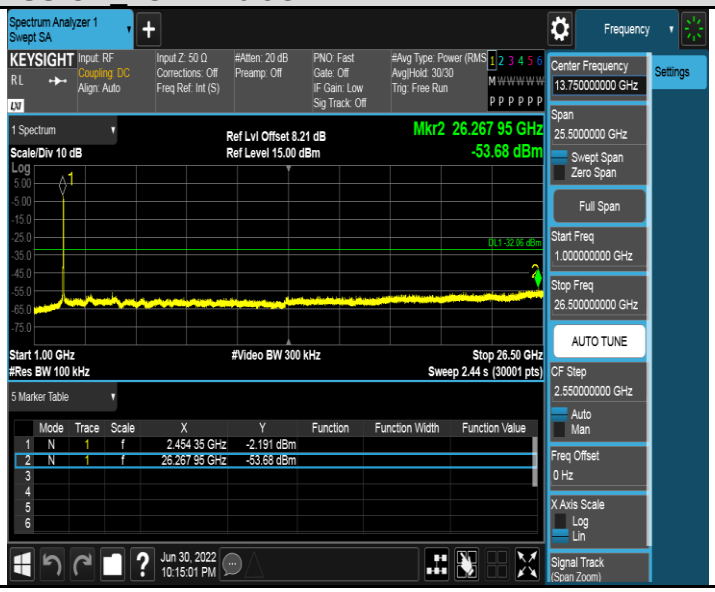
Test Mode	Channel	Verdict
11N HT20	HCH	PASS

HCH SPURIOUS EMISSION_30MHz~1GHz



HCH SPURIOUS EMISSION_1GHz~26.5GHz



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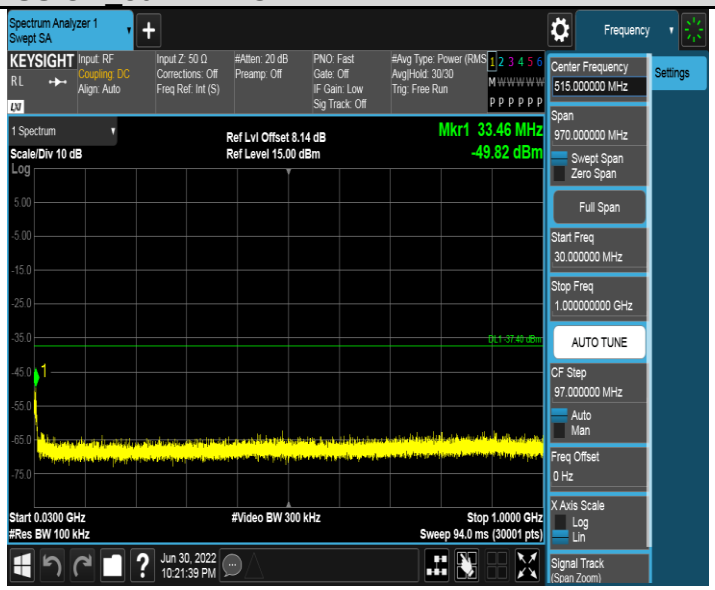
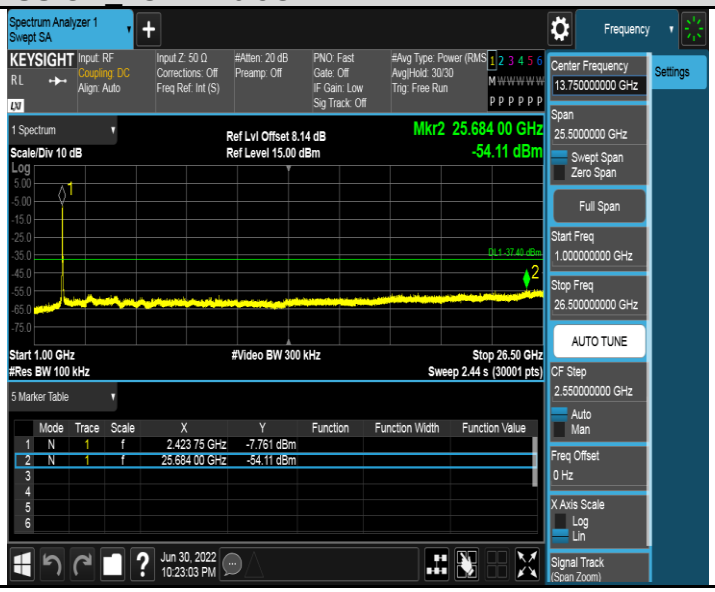
Test Mode	Channel	Verdict
11N HT40	LCH	PASS

LCH SPURIOUS EMISSION_30MHz~1GHz



LCH SPURIOUS EMISSION_1GHz~26.5GHz



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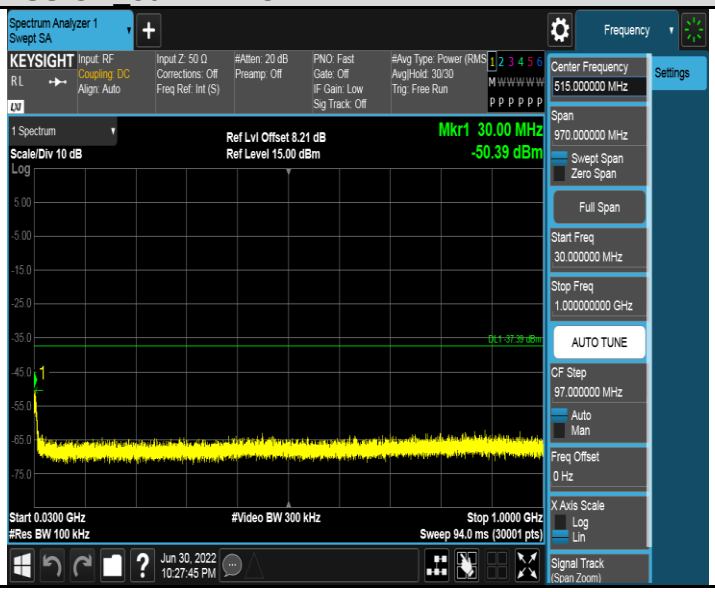
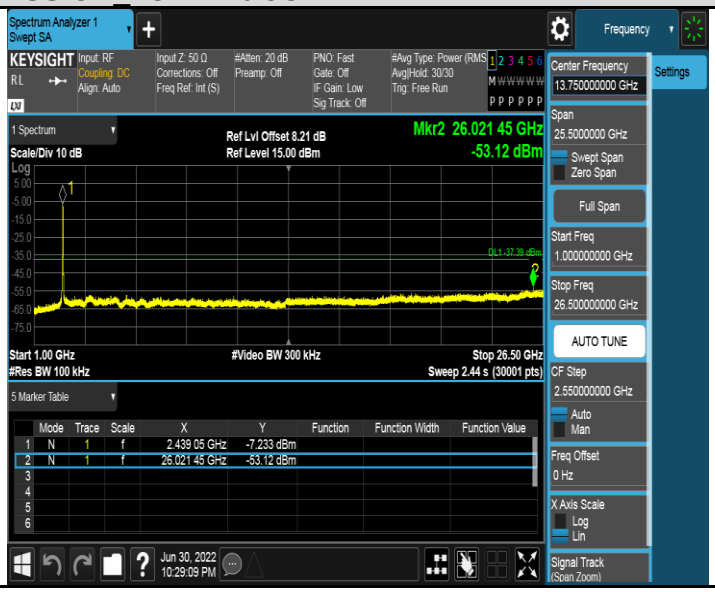
Test Mode	Channel	Verdict
11N HT40	MCH	PASS

MCH SPURIOUS EMISSION_30MHz~1GHz



MCH SPURIOUS EMISSION_1GHz~26.5GHz



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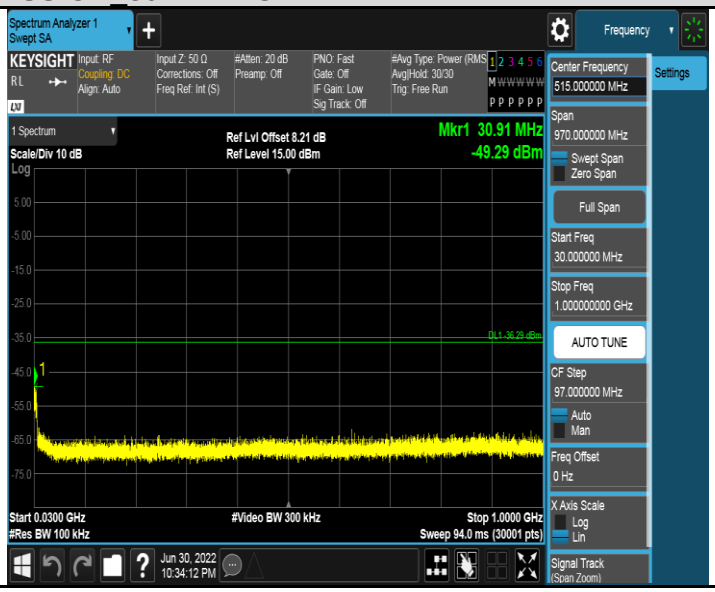
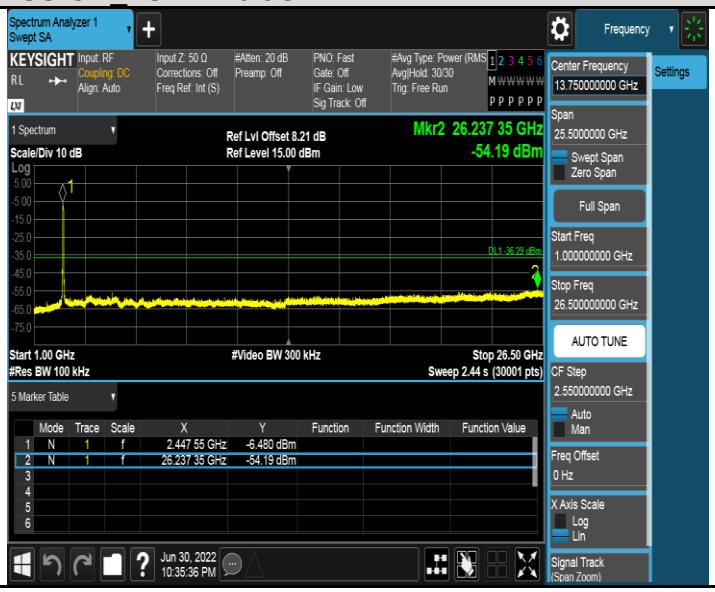
Test Mode	Channel	Verdict
11N HT40	HCH	PASS

HCH SPURIOUS EMISSION_30MHz~1GHz



HCH SPURIOUS EMISSION_1GHz~26.5GHz



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8. RADIATED TEST RESULTS

8.1. 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.

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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

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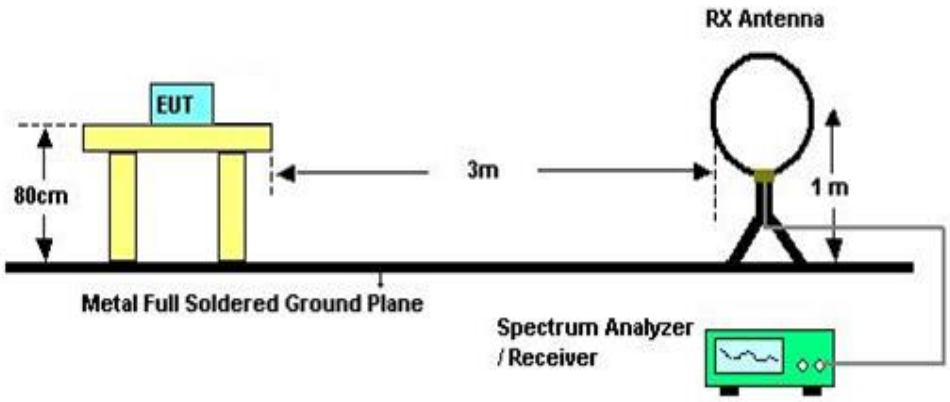
TEST SETUP AND PROCEDURE

Below 30MHz



The setting of the spectrum analyser

RBW	200 Hz (From 9kHz to 0.15MHz)/ 9kHz (From 0.15MHz to 30MHz)
VBW	200 Hz (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 and KDB 414788.

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)

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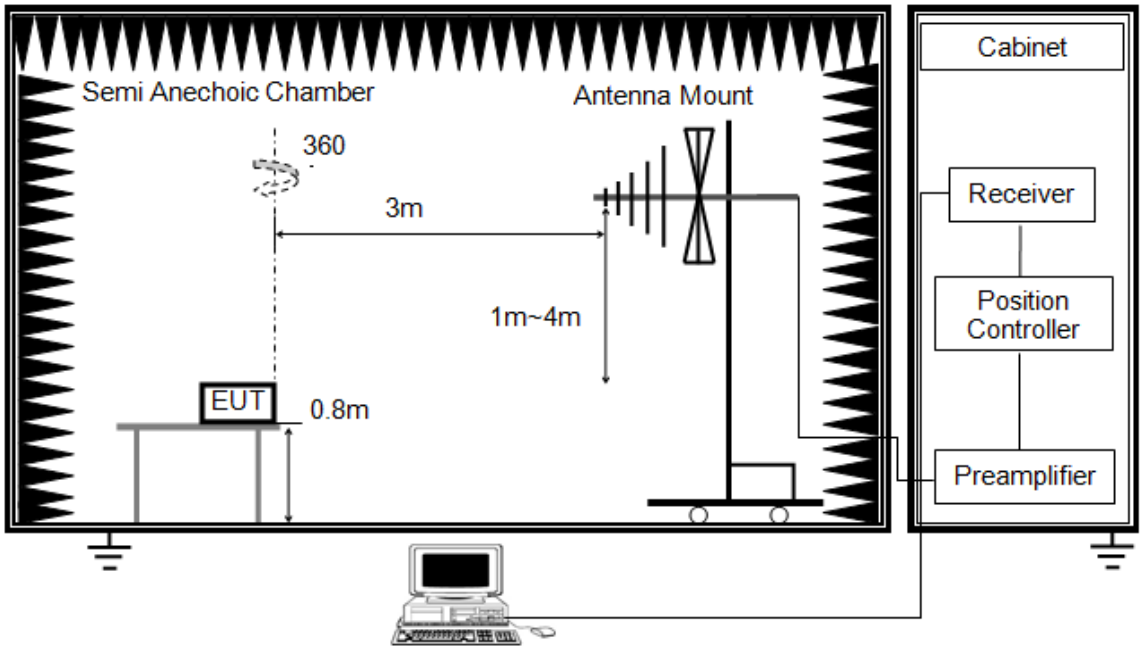
Below 1G



The setting of the spectrum analyser

RBW	120 kHz
VBW	300 kHz
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)

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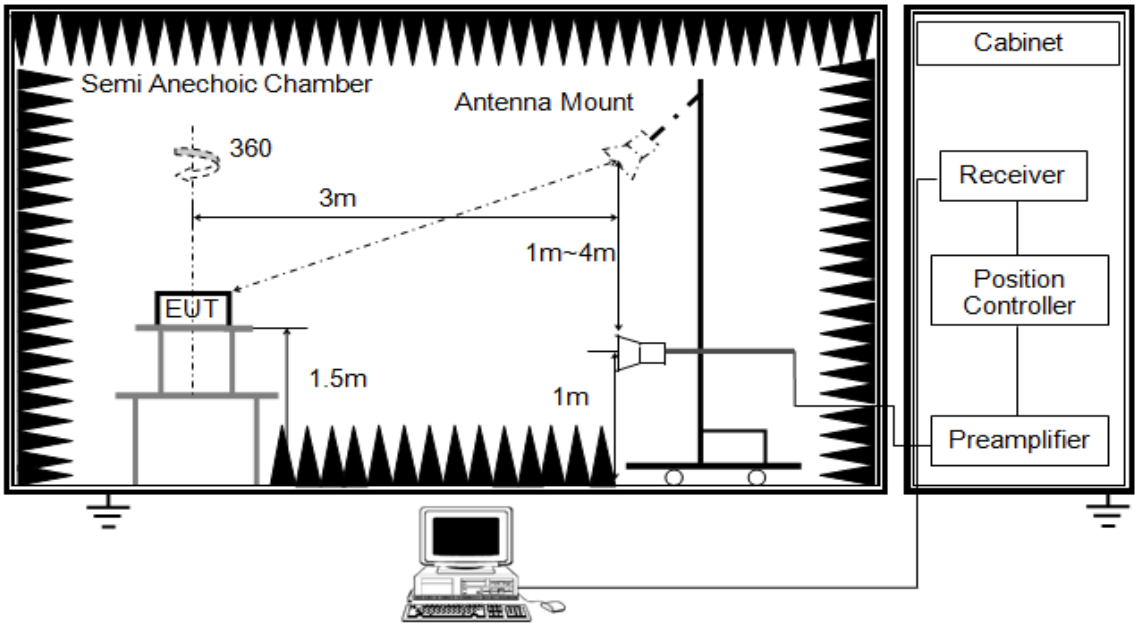
ABOVE 1G



The setting of the spectrum analyser

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: See note6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 1.5m above ground.

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

5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz, the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements; and 1 MHz resolution bandwidth with video bandwidth ≥1/T but not less than the setting list in section 7.1 when use peak detector, max hold to be run for at least [50*(1/Duty Cycle)] traces for average measurements. For the Duty Cycle need to refer the results in section 7.1.

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

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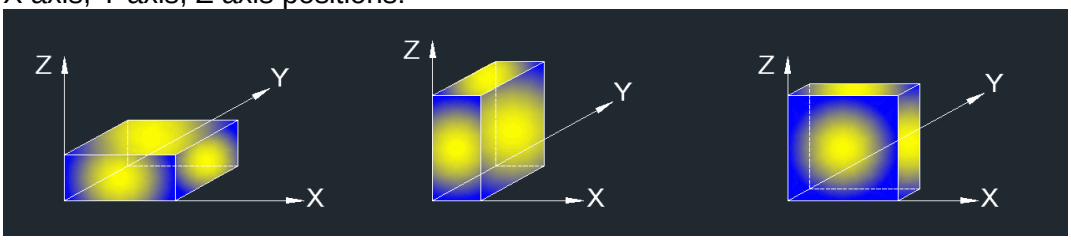
X axis, Y axis, Z axis positions:



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.

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8.1. TEST ENVIRONMENT

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

8.2. RESTRICTED BANDEDGE

Test Result Table

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

Remark:

1) For this product, it has two antennas, antenna1 and antenna2, but only the 802.11N HT20 and 802.11N HT40 modes can support both the SISO and MIMO technical. But for the modes of 11B &11G, only the antenna 1 is working.
2) Through pre-testing all the test modes of 11N 20 and 11N40, including SISO and MIMO, but only the data if worse case is included in this test report.

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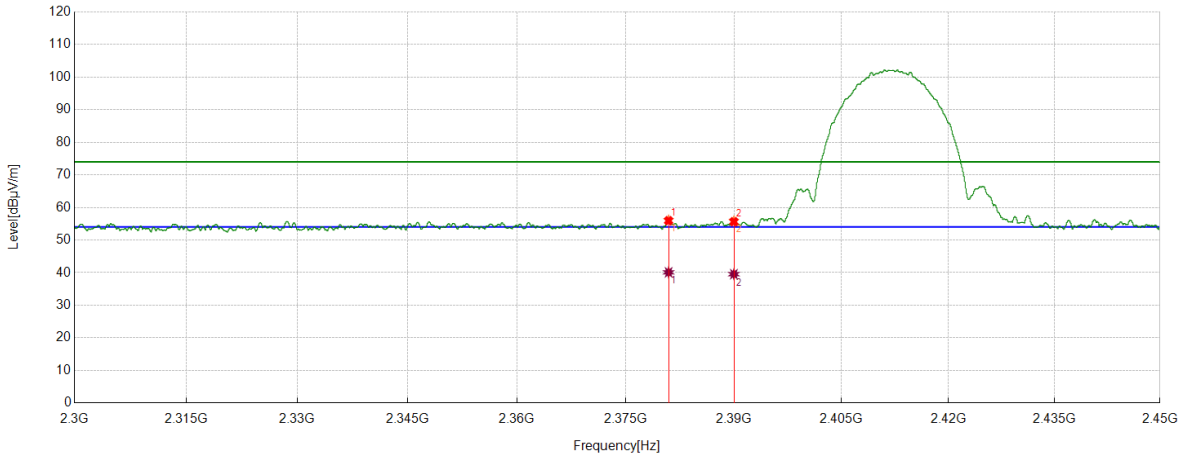
TEST GRAPHS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2380.9351	44.62	11.31	55.93	74.00	-18.07	Horizontal
2	2390	44.37	11.25	55.62	74.00	-18.38	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2380.9351	28.79	11.31	40.10	54.00	-13.90	Horizontal
2	2390	28.29	11.25	39.54	54.00	-14.46	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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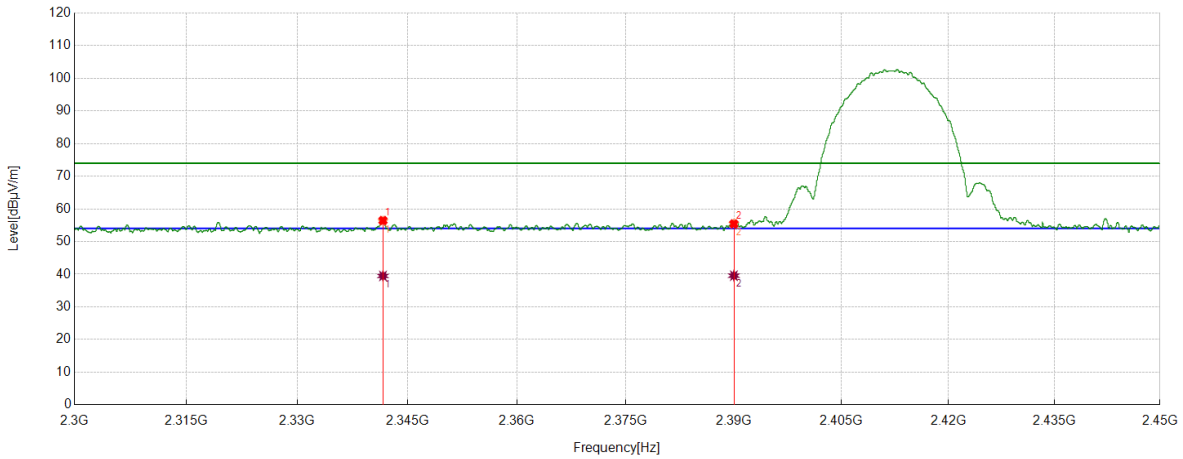
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2341.6865	45.31	11.13	56.44	74.00	-17.56	Vertical
2	2390	44.16	11.25	55.41	74.00	-18.59	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2341.6865	28.34	11.13	39.47	54.00	-14.53	Vertical
2	2390	28.31	11.25	39.56	54.00	-14.44	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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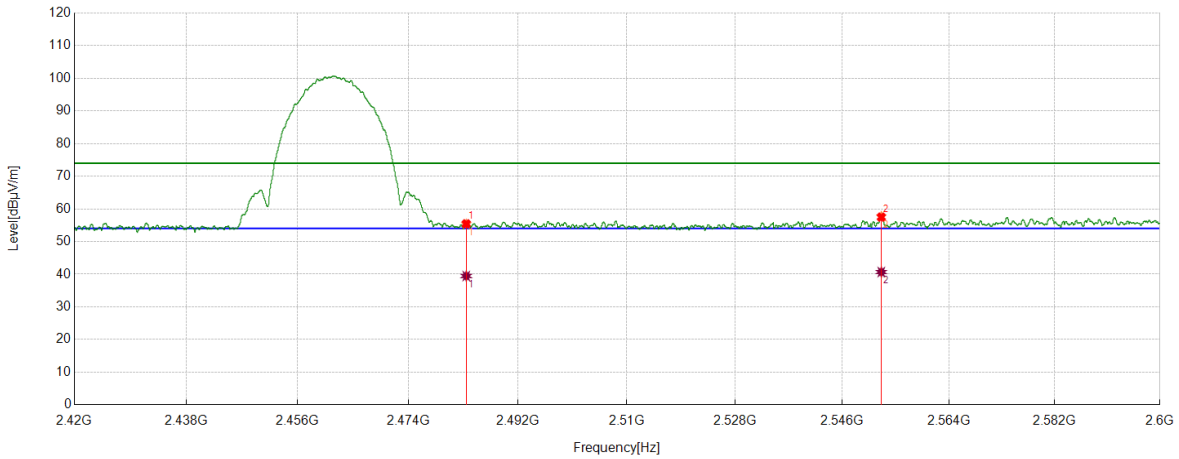
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	44.15	11.28	55.43	74.00	-18.57	Horizontal
2	2552.5641	45.65	11.83	57.48	74.00	-16.52	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	28.17	11.28	39.45	54.00	-14.55	Horizontal
2	2552.5641	28.84	11.83	40.67	54.00	-13.33	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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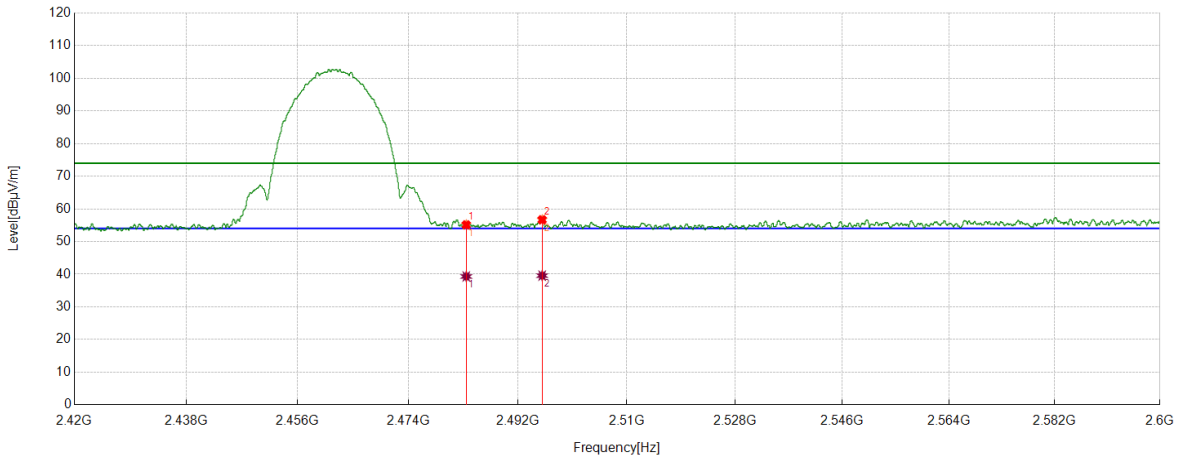
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	43.83	11.28	55.11	74.00	-18.89	Vertical
2	2495.992	45.23	11.44	56.67	74.00	-17.33	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	28.03	11.28	39.31	54.00	-14.69	Vertical
2	2495.992	28.13	11.44	39.57	54.00	-14.43	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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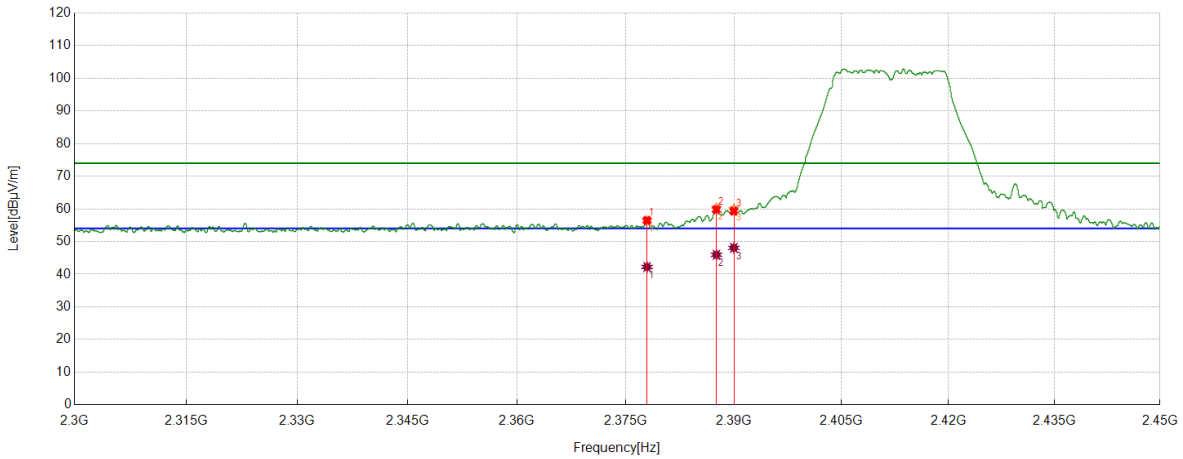
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2377.9535	45.16	11.31	56.47	74.00	-17.53	Horizontal
2	2387.5734	48.49	11.27	59.76	74.00	-14.24	Horizontal
3	2390	48.06	11.25	59.31	74.00	-14.69	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2377.9535	30.91	11.31	42.22	54.00	-11.78	Horizontal
2	2387.5734	34.69	11.26	45.95	54.00	-8.05	Horizontal
3	2390	36.82	11.25	48.07	54.00	-5.93	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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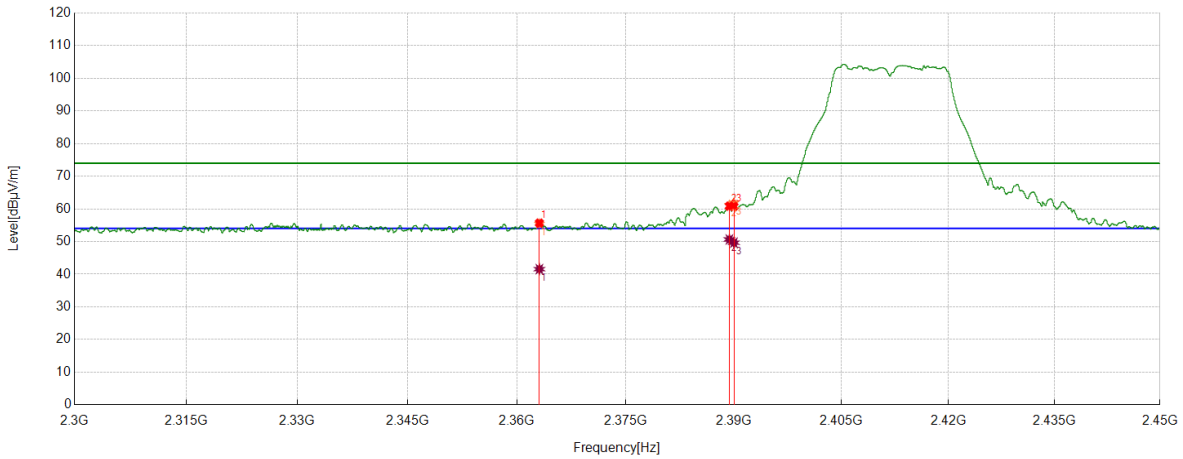
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2363.1016	44.46	11.19	55.65	74.00	-18.35	Vertical
2	2389.3737	49.59	11.25	60.84	74.00	-13.16	Vertical
3	2390	49.48	11.25	60.73	74.00	-13.27	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2363.1016	30.37	11.19	41.56	54.00	-12.44	Vertical
2	2389.3737	39.39	11.25	50.64	54.00	-3.36	Vertical
3	2390	38.40	11.25	49.65	54.00	-4.35	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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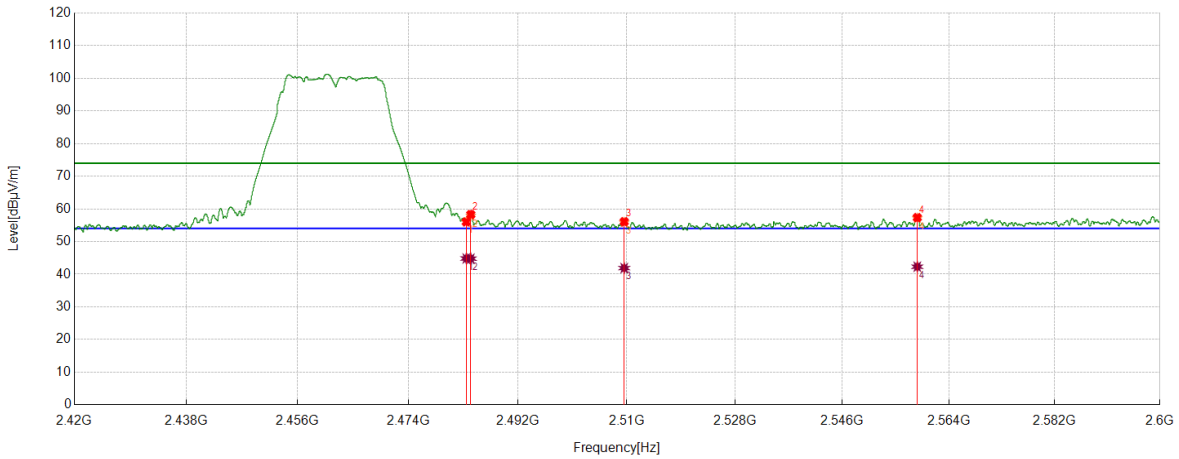
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	44.74	11.28	56.02	74.00	-17.98	Horizontal
2	2484.2455	46.97	11.29	58.26	74.00	-15.74	Horizontal
3	2509.5612	44.60	11.49	56.09	74.00	-17.91	Horizontal
4	2558.6398	45.44	11.90	57.34	74.00	-16.66	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	33.53	11.28	44.81	54.00	-9.19	Horizontal
2	2484.2455	33.47	11.30	44.77	54.00	-9.23	Horizontal
3	2509.5612	30.39	11.49	41.88	54.00	-12.12	Horizontal
4	2558.6398	30.40	11.90	42.30	54.00	-11.70	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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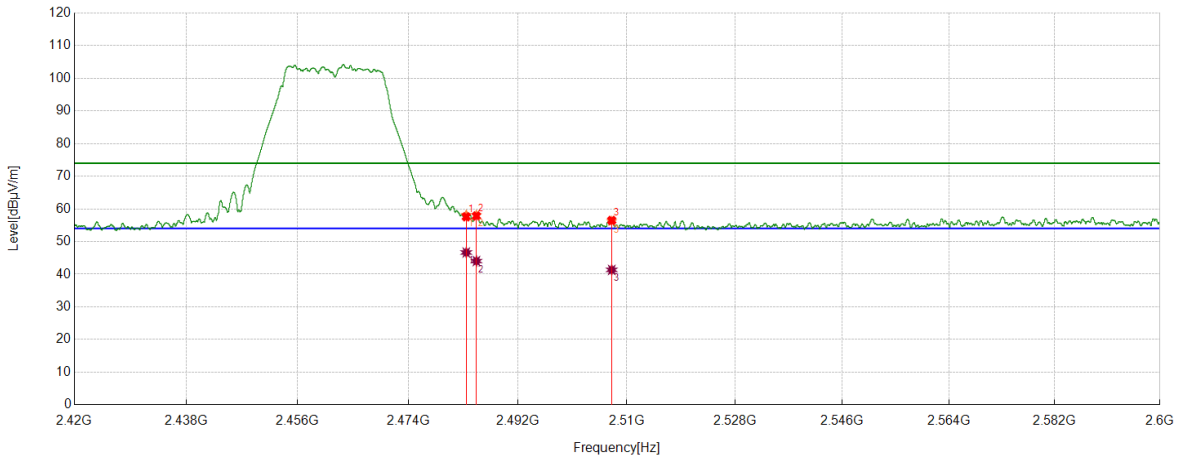
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	46.29	11.28	57.57	74.00	-16.43	Vertical
2	2485.1681	46.52	11.31	57.83	74.00	-16.17	Vertical
3	2507.4909	44.99	11.48	56.47	74.00	-17.53	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	35.37	11.28	46.65	54.00	-7.35	Vertical
2	2485.1681	32.72	11.31	44.03	54.00	-9.97	Vertical
3	2507.4909	29.85	11.48	41.33	54.00	-12.67	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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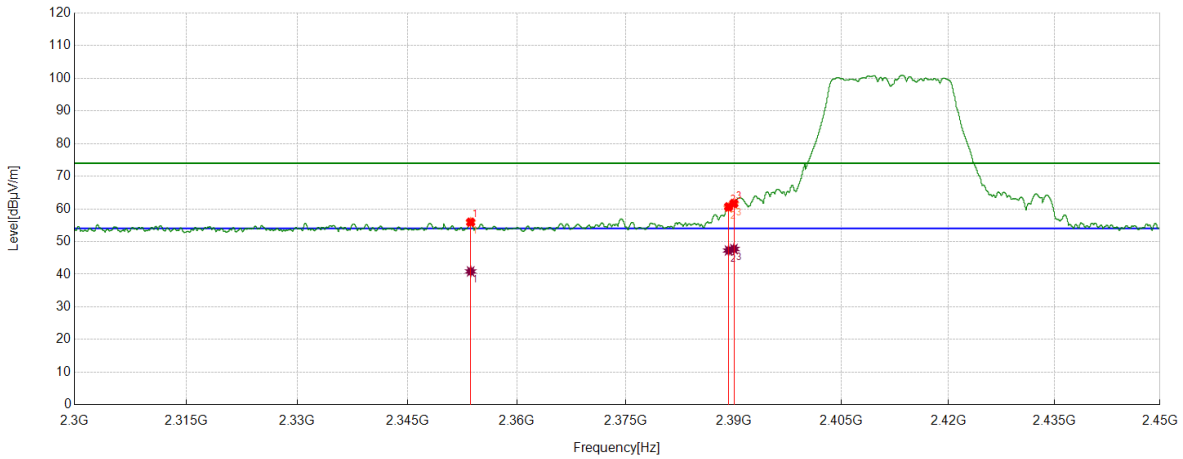
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2353.6692	44.79	11.15	55.94	74.00	-18.06	Horizontal
2	2389.2612	49.39	11.26	60.65	74.00	-13.35	Horizontal
3	2390	50.41	11.25	61.66	74.00	-12.34	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2353.6692	29.71	11.15	40.86	54.00	-13.14	Horizontal
2	2389.2612	36.01	11.25	47.26	54.00	-6.74	Horizontal
3	2390	36.48	11.25	47.73	54.00	-6.27	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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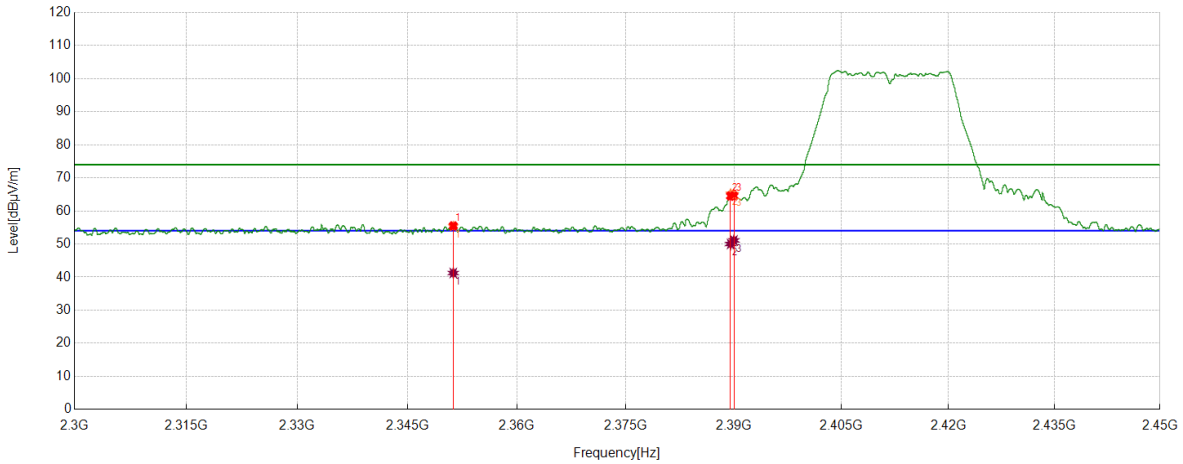
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2351.2877	44.34	11.15	55.49	74.00	-18.51	Vertical
2	2389.5424	53.27	11.25	64.52	74.00	-9.48	Vertical
3	2390	53.26	11.25	64.51	74.00	-9.49	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2351.2877	30.09	11.15	41.24	54.00	-12.76	Vertical
2	2389.5424	38.77	11.25	50.02	54.00	-3.98	Vertical
3	2390	39.85	11.25	51.10	54.00	-2.90	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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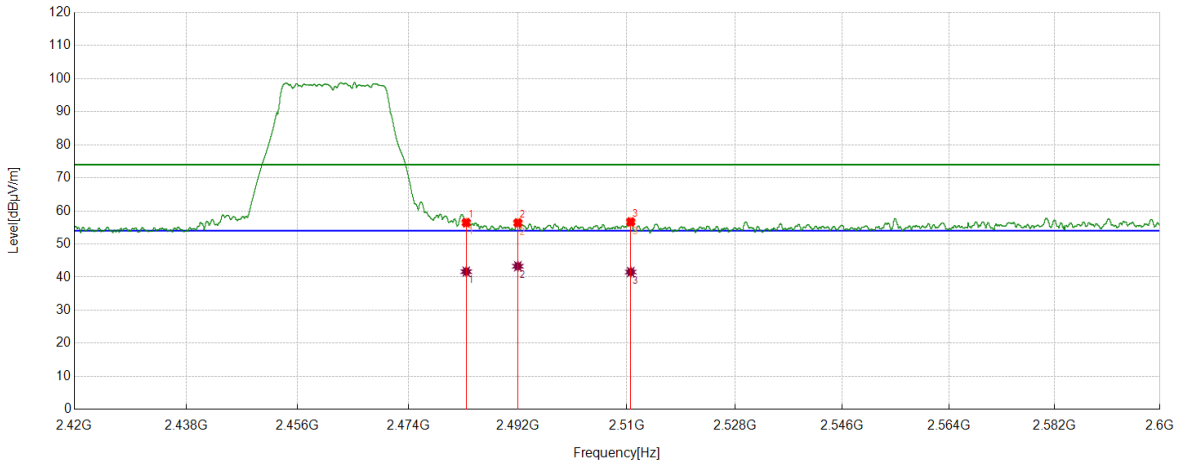
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	45.20	11.28	56.48	74.00	-17.52	Horizontal
2	2491.9865	45.00	11.41	56.41	74.00	-17.59	Horizontal
3	2510.6413	45.21	11.50	56.71	74.00	-17.29	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	30.38	11.28	41.66	54.00	-12.34	Horizontal
2	2491.9865	31.88	11.41	43.29	54.00	-10.71	Horizontal
3	2510.6413	30.05	11.50	41.55	54.00	-12.45	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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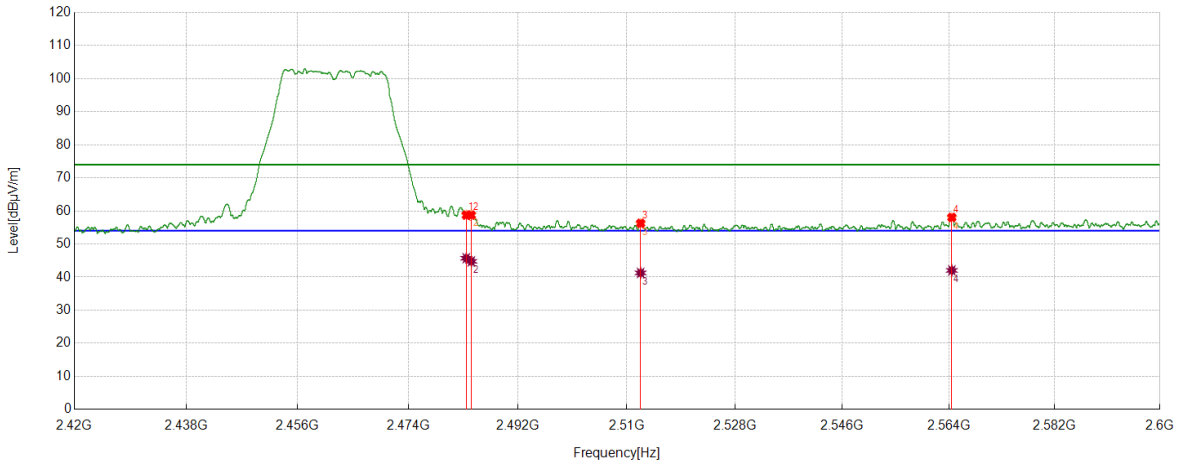
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	47.47	11.28	58.75	74.00	-15.25	Vertical
2	2484.3355	47.46	11.29	58.75	74.00	-15.25	Vertical
3	2512.284	44.76	11.51	56.27	74.00	-17.73	Vertical
4	2564.4906	46.10	11.95	58.05	74.00	-15.95	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	34.43	11.28	45.71	54.00	-8.29	Vertical
2	2484.3355	33.48	11.29	44.77	54.00	-9.23	Vertical
3	2512.284	29.76	11.51	41.27	54.00	-12.73	Vertical
4	2564.4906	30.08	11.95	42.03	54.00	-11.97	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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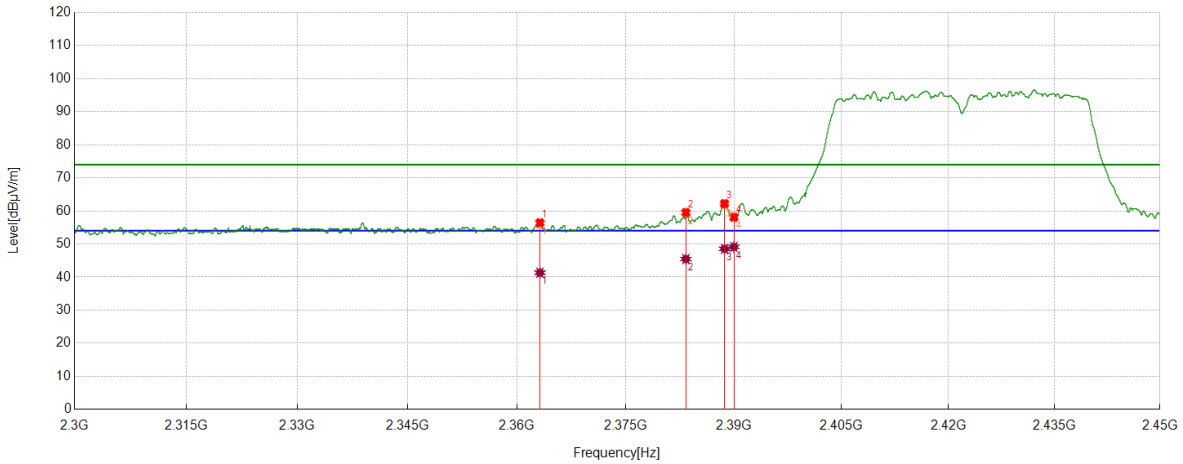
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2363.1766	45.24	11.19	56.43	74.00	-17.57	Horizontal
2	2383.3354	48.21	11.30	59.51	74.00	-14.49	Horizontal
3	2388.6986	50.96	11.26	62.22	74.00	-11.78	Horizontal
4	2390	46.84	11.25	58.09	74.00	-15.91	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2363.1766	30.14	11.19	41.33	54.00	-12.67	Horizontal
2	2383.3354	34.17	11.30	45.47	54.00	-8.53	Horizontal
3	2388.6986	37.29	11.26	48.55	54.00	-5.45	Horizontal
4	2390	37.87	11.25	49.12	54.00	-4.88	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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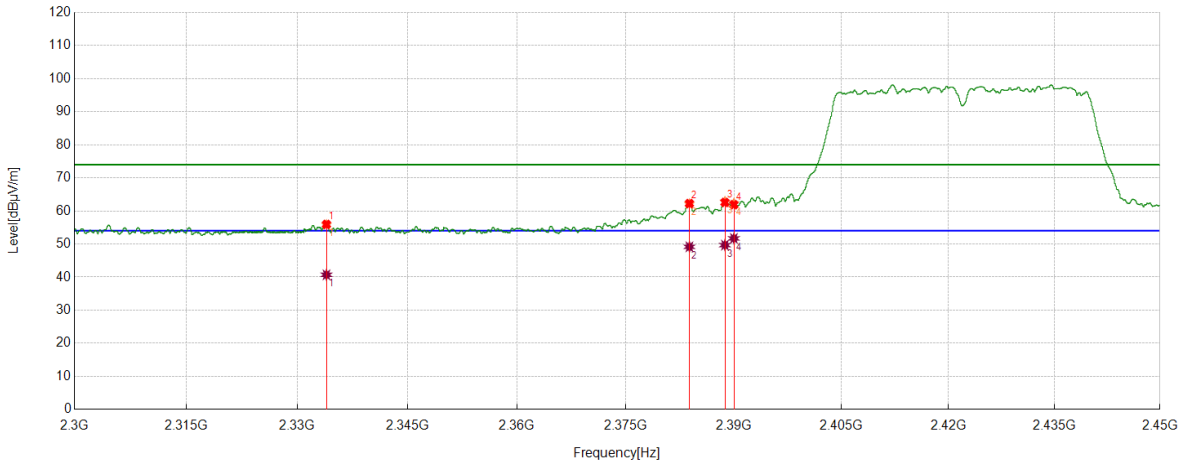
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2333.998	44.90	11.03	55.93	74.00	-18.07	Vertical
2	2383.823	50.95	11.29	62.24	74.00	-11.76	Vertical
3	2388.7548	51.31	11.26	62.57	74.00	-11.43	Vertical
4	2390	50.63	11.25	61.88	74.00	-12.12	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2333.998	29.67	11.03	40.70	54.00	-13.30	Vertical
2	2383.823	37.87	11.29	49.16	54.00	-4.84	Vertical
3	2388.7548	38.42	11.26	49.68	54.00	-4.32	Vertical
4	2390	40.45	11.25	51.70	54.00	-2.30	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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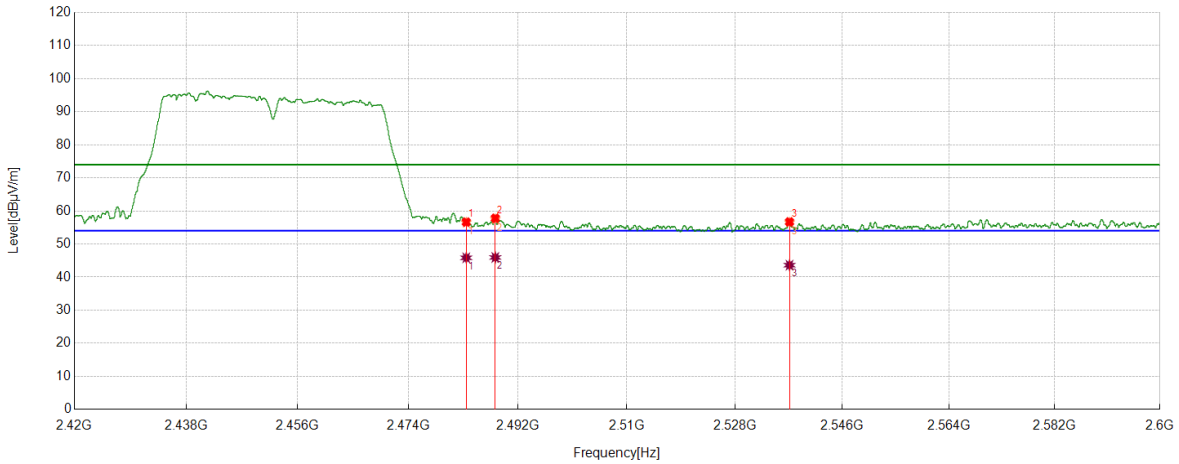
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	45.35	11.28	56.63	74.00	-17.37	Horizontal
2	2488.2735	46.43	11.36	57.79	74.00	-16.21	Horizontal
3	2537.1271	44.83	11.86	56.69	74.00	-17.31	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	34.56	11.28	45.84	54.00	-8.16	Horizontal
2	2488.2735	34.58	11.36	45.94	54.00	-8.06	Horizontal
3	2537.1271	31.75	11.86	43.61	54.00	-10.39	Horizontal

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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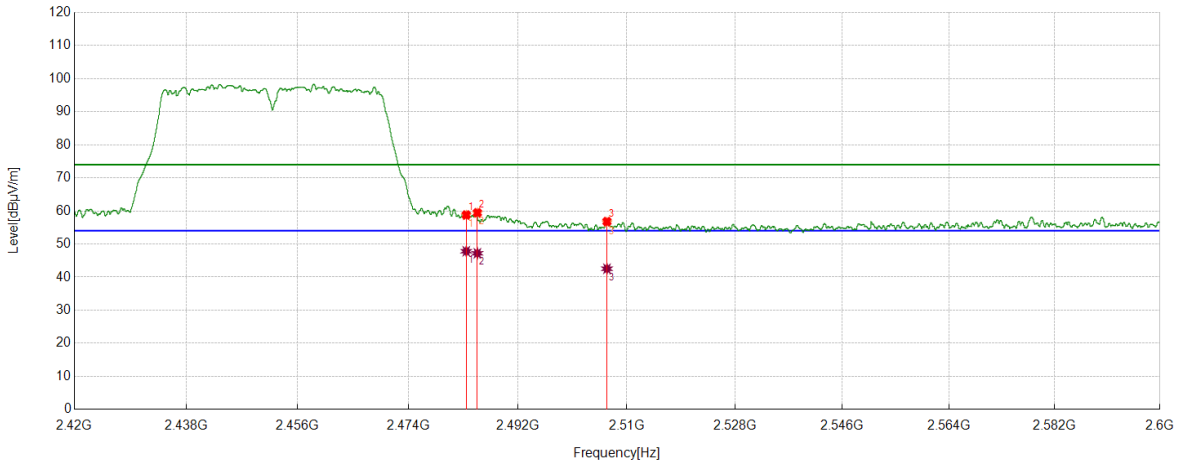
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	47.52	11.28	58.80	74.00	-15.20	Vertical
2	2485.3257	48.15	11.31	59.46	74.00	-14.54	Vertical
3	2506.7033	45.32	11.48	56.80	74.00	-17.20	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5	36.54	11.28	47.82	54.00	-6.18	Vertical
2	2485.3257	35.89	11.31	47.20	54.00	-6.80	Vertical
3	2506.7033	31.05	11.48	42.53	54.00	-11.47	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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8.3. SPURIOUS EMISSIONS

TEST RESULTS TABLE

1) For 1GHz~18GHz

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

2) For 9kHz~30MHz

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

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

3) For 30MHz~1GHz

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

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

4) For 18GHz~26.5GHz

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

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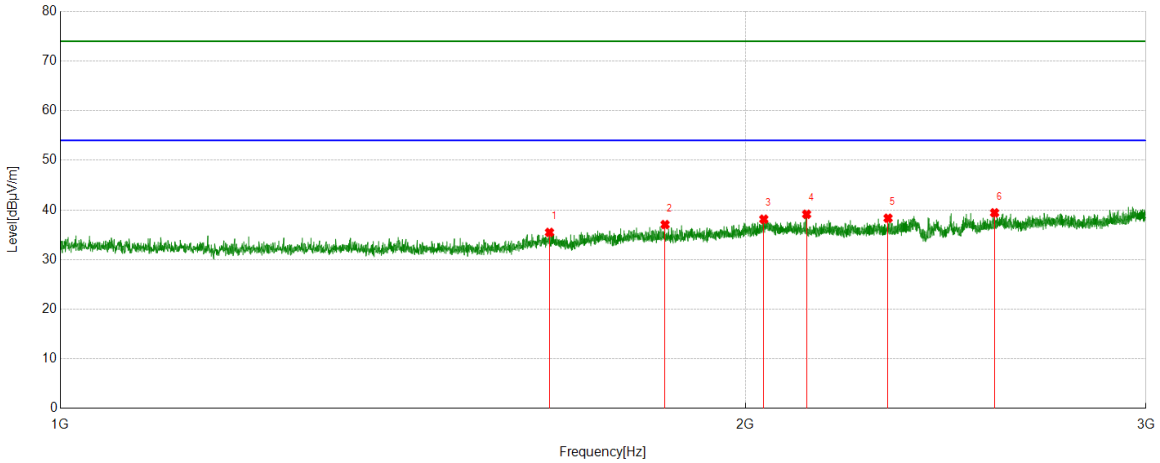
Part 1: 1GHz~3GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1640.5801	40.80	-5.33	35.47	74.00	-38.53	Horizontal
2	1844.1055	41.17	-4.12	37.05	74.00	-36.95	Horizontal
3	2037.8797	40.68	-2.55	38.13	74.00	-35.87	Horizontal
4	2128.141	42.00	-2.87	39.13	74.00	-34.87	Horizontal
5	2310.9139	41.33	-3.00	38.33	74.00	-35.67	Horizontal
6	2573.9467	41.60	-2.18	39.42	74.00	-34.58	Horizontal

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

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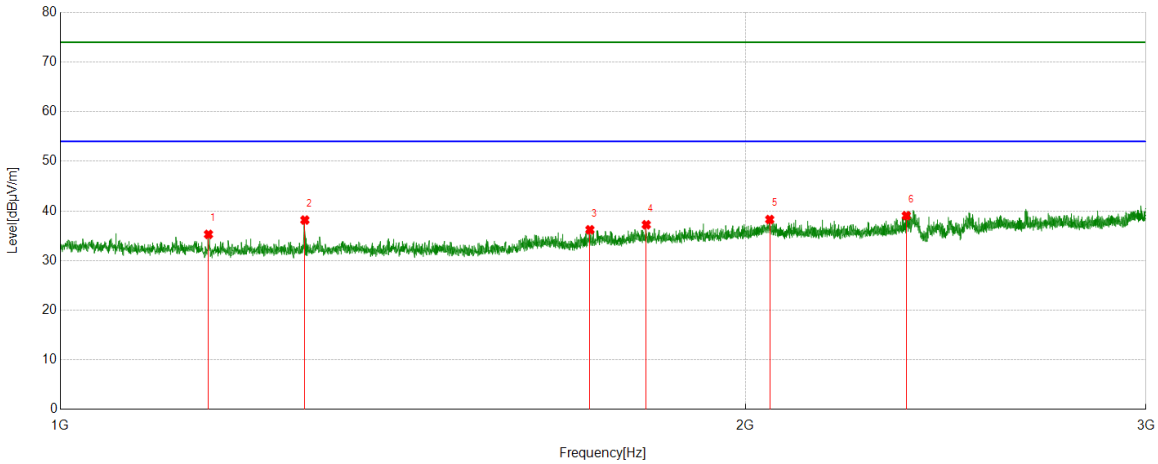
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1161.7702	41.46	-6.18	35.28	74.00	-38.72	Vertical
2	1280.7851	44.53	-6.37	38.16	74.00	-35.84	Vertical
3	1709.0886	40.99	-4.78	36.21	74.00	-37.79	Vertical
4	1809.3512	41.60	-4.38	37.22	74.00	-36.78	Vertical
5	2050.1313	40.80	-2.53	38.27	74.00	-35.73	Vertical
6	2353.9192	41.99	-2.95	39.04	74.00	-34.96	Vertical

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

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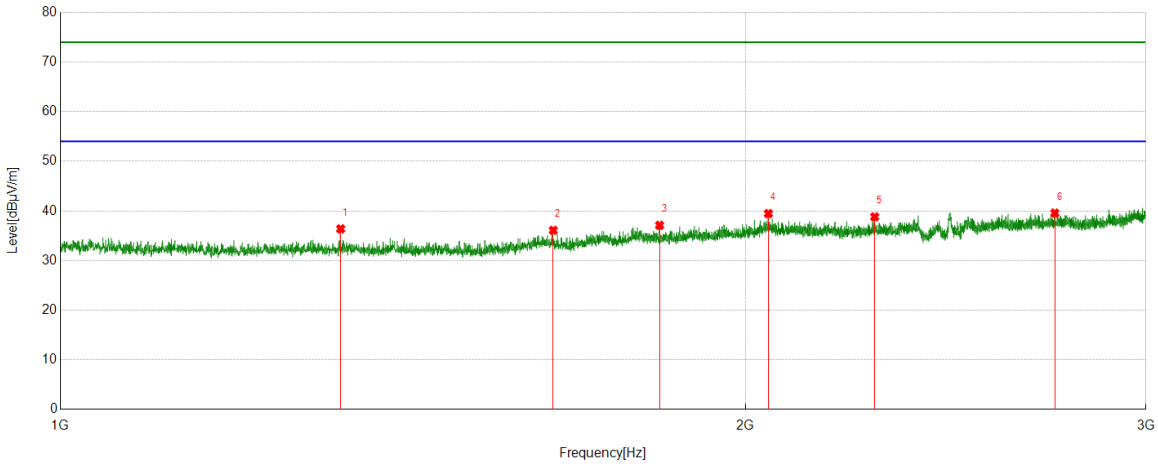
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1328.041	42.80	-6.41	36.39	74.00	-37.61	Horizontal
2	1646.8309	41.26	-5.17	36.09	74.00	-37.91	Horizontal
3	1833.8542	41.41	-4.30	37.11	74.00	-36.89	Horizontal
4	2047.3809	41.98	-2.51	39.47	74.00	-34.53	Horizontal
5	2279.91	42.01	-3.20	38.81	74.00	-35.19	Horizontal
6	2735.717	41.01	-1.44	39.57	74.00	-34.43	Horizontal

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

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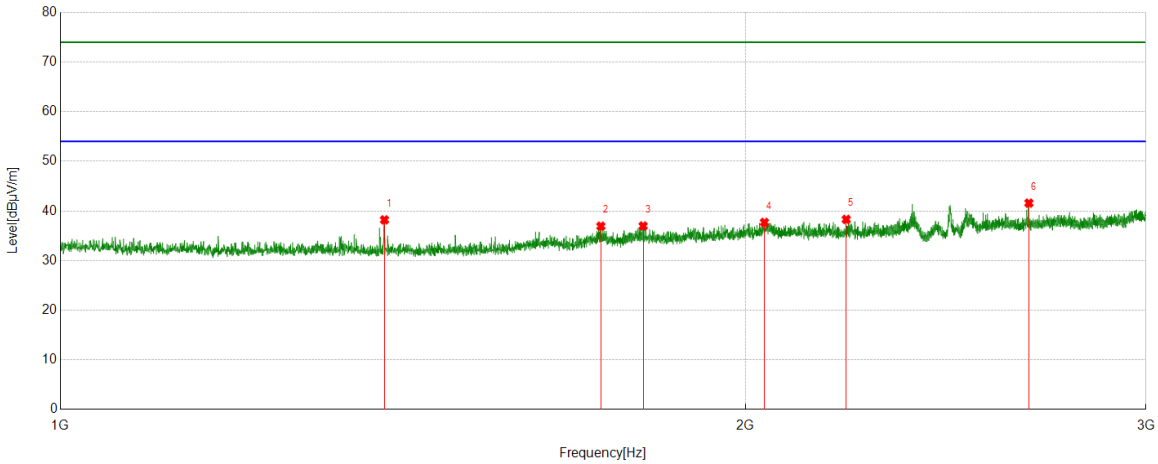
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1388.2985	44.92	-6.72	38.20	74.00	-35.80	Vertical
2	1728.091	41.65	-4.72	36.93	74.00	-37.07	Vertical
3	1803.6004	41.24	-4.27	36.97	74.00	-37.03	Vertical
4	2039.1299	40.19	-2.50	37.69	74.00	-36.31	Vertical
5	2215.1519	41.58	-3.29	38.29	74.00	-35.71	Vertical
6	2664.9581	43.42	-1.84	41.58	74.00	-32.42	Vertical

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

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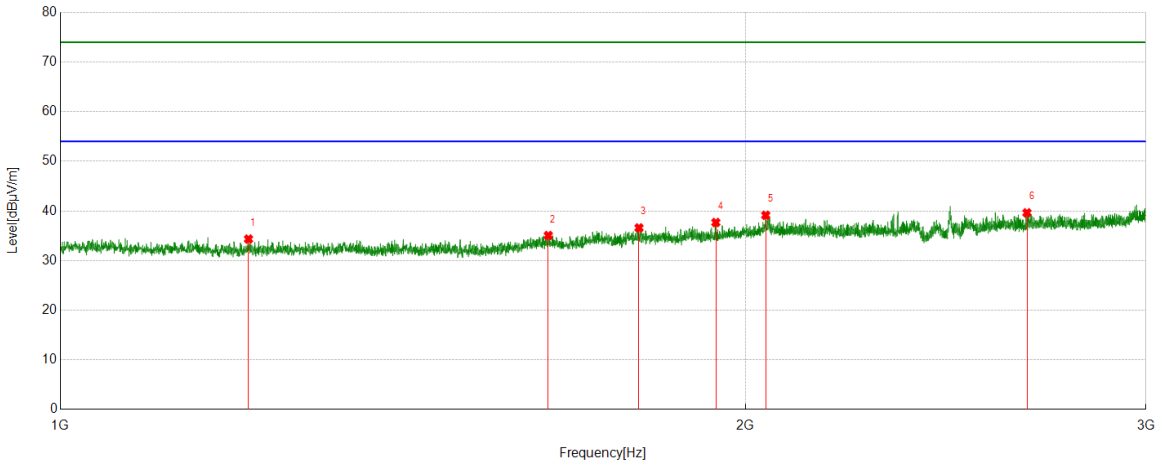
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1209.7762	40.73	-6.39	34.34	74.00	-39.66	Horizontal
2	1638.5798	40.40	-5.35	35.05	74.00	-38.95	Horizontal
3	1796.0995	40.86	-4.27	36.59	74.00	-37.41	Horizontal
4	1941.3677	41.21	-3.54	37.67	74.00	-36.33	Horizontal
5	2041.8802	41.61	-2.48	39.13	74.00	-34.87	Horizontal
6	2659.7075	41.45	-1.83	39.62	74.00	-34.38	Horizontal

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

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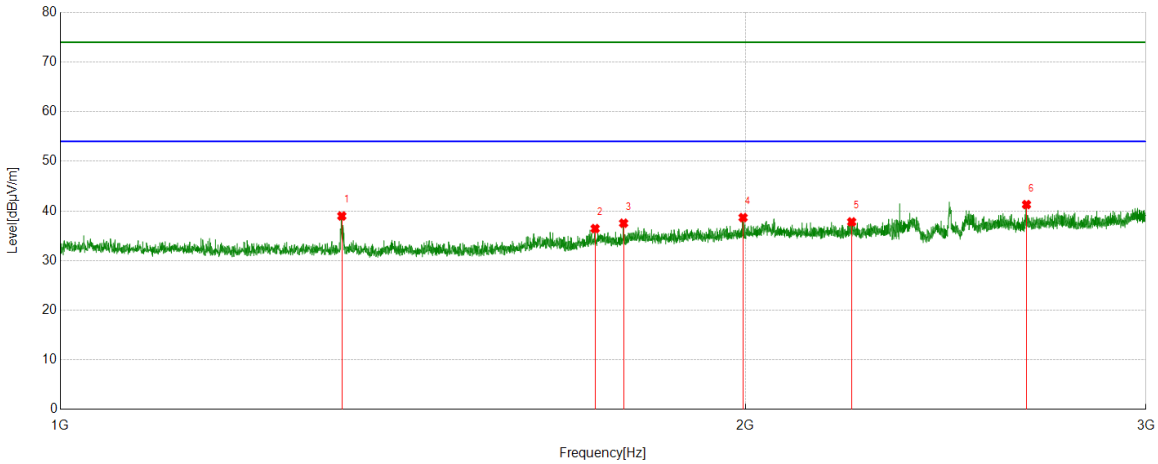
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1329.5412	45.40	-6.42	38.98	74.00	-35.02	Vertical
2	1718.0898	41.40	-4.96	36.44	74.00	-37.56	Vertical
3	1768.346	42.23	-4.70	37.53	74.00	-36.47	Vertical
4	1995.6245	41.77	-3.11	38.66	74.00	-35.34	Vertical
5	2227.4034	40.99	-3.20	37.79	74.00	-36.21	Vertical
6	2658.4573	43.12	-1.84	41.28	74.00	-32.72	Vertical

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

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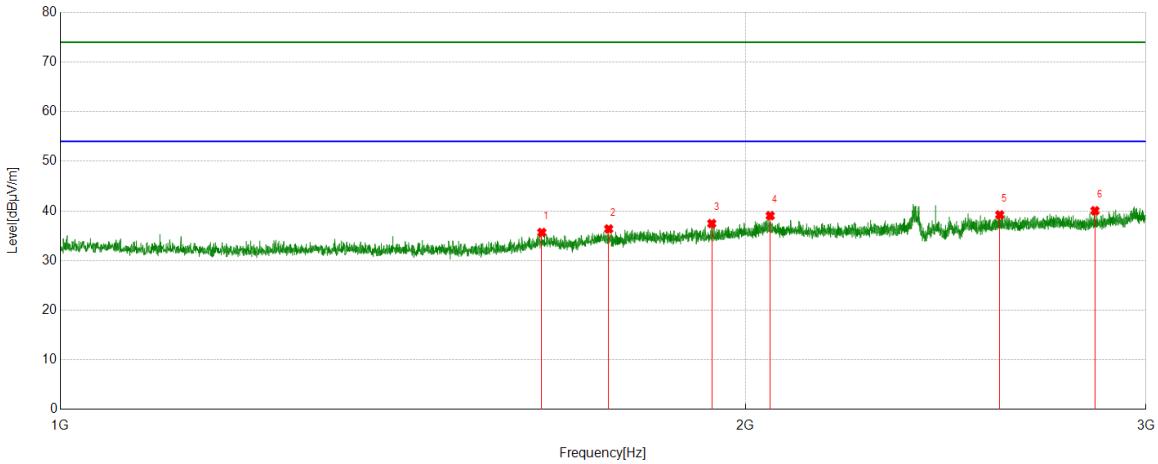
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1627.8285	41.06	-5.40	35.66	74.00	-38.34	Horizontal
2	1741.8427	41.23	-4.86	36.37	74.00	-37.63	Horizontal
3	1933.3667	40.84	-3.38	37.46	74.00	-36.54	Horizontal
4	2051.1314	41.60	-2.56	39.04	74.00	-34.96	Horizontal
5	2587.4484	41.28	-2.07	39.21	74.00	-34.79	Horizontal
6	2849.2312	41.21	-1.17	40.04	74.00	-33.96	Horizontal

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

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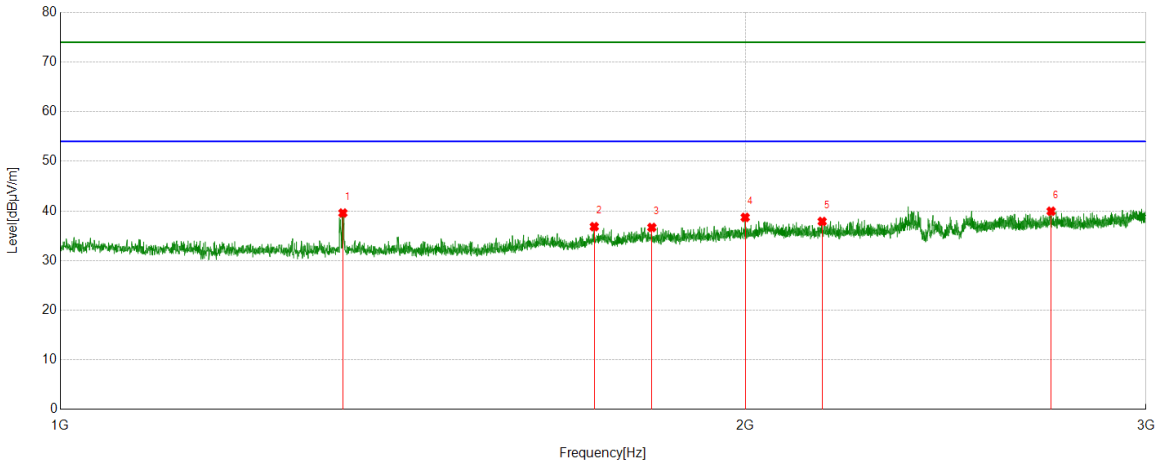
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1331.0414	46.00	-6.42	39.58	74.00	-34.42	Vertical
2	1716.5896	41.75	-4.92	36.83	74.00	-37.17	Vertical
3	1819.6024	40.82	-4.15	36.67	74.00	-37.33	Vertical
4	1999.875	41.74	-3.04	38.70	74.00	-35.30	Vertical
5	2161.8952	41.09	-3.21	37.88	74.00	-36.12	Vertical
6	2725.4657	41.28	-1.34	39.94	74.00	-34.06	Vertical

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

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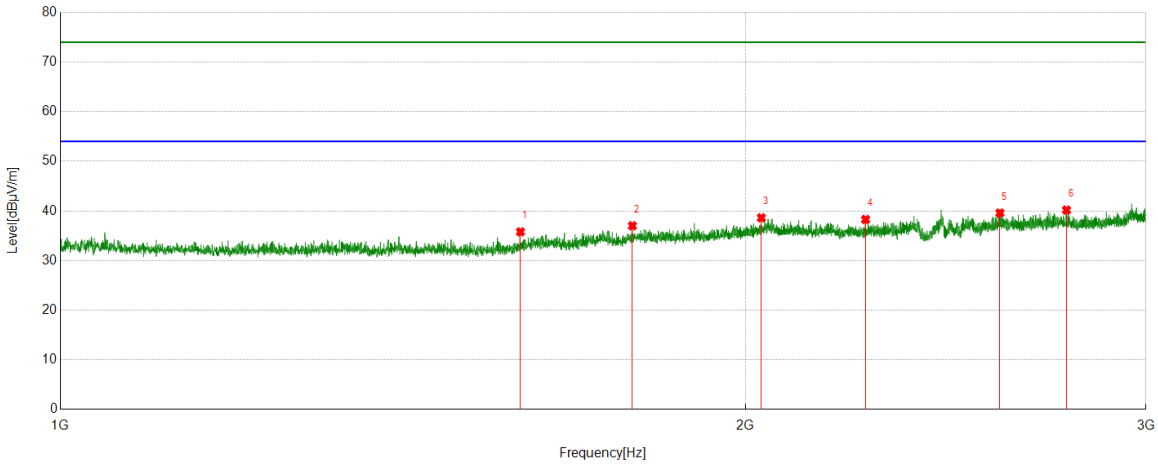
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1593.0741	41.59	-5.80	35.79	74.00	-38.21	Horizontal
2	1784.098	41.38	-4.37	37.01	74.00	-36.99	Horizontal
3	2032.8791	41.35	-2.73	38.62	74.00	-35.38	Horizontal
4	2258.9074	41.50	-3.22	38.28	74.00	-35.72	Horizontal
5	2587.9485	41.65	-2.06	39.59	74.00	-34.41	Horizontal
6	2768.221	41.47	-1.29	40.18	74.00	-33.82	Horizontal

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

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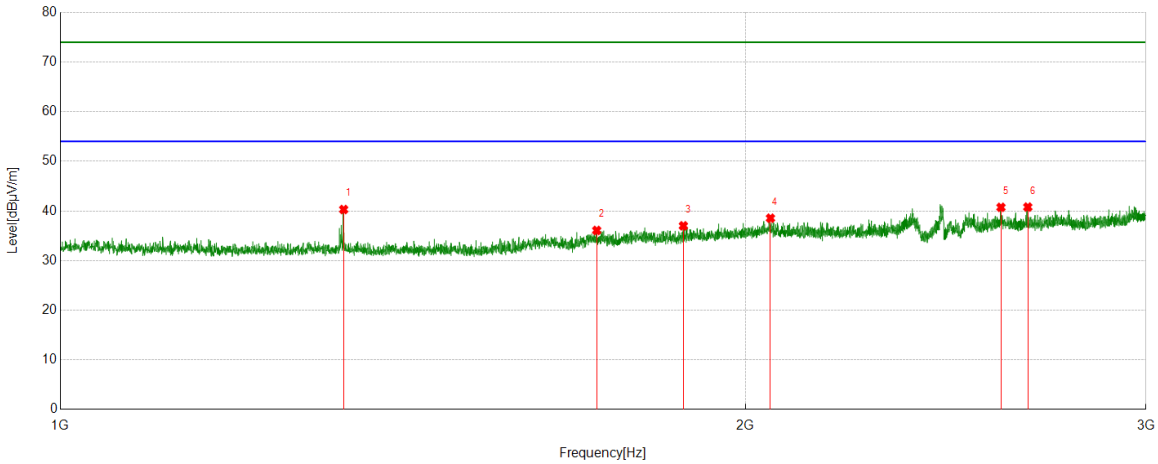
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1332.0415	46.71	-6.42	40.29	74.00	-33.71	Vertical
2	1720.8401	41.05	-4.98	36.07	74.00	-37.93	Vertical
3	1878.6098	41.06	-4.06	37.00	74.00	-37.00	Vertical
4	2051.6315	41.11	-2.57	38.54	74.00	-35.46	Vertical
5	2590.6988	42.72	-1.99	40.73	74.00	-33.27	Vertical
6	2661.9577	42.61	-1.83	40.78	74.00	-33.22	Vertical

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

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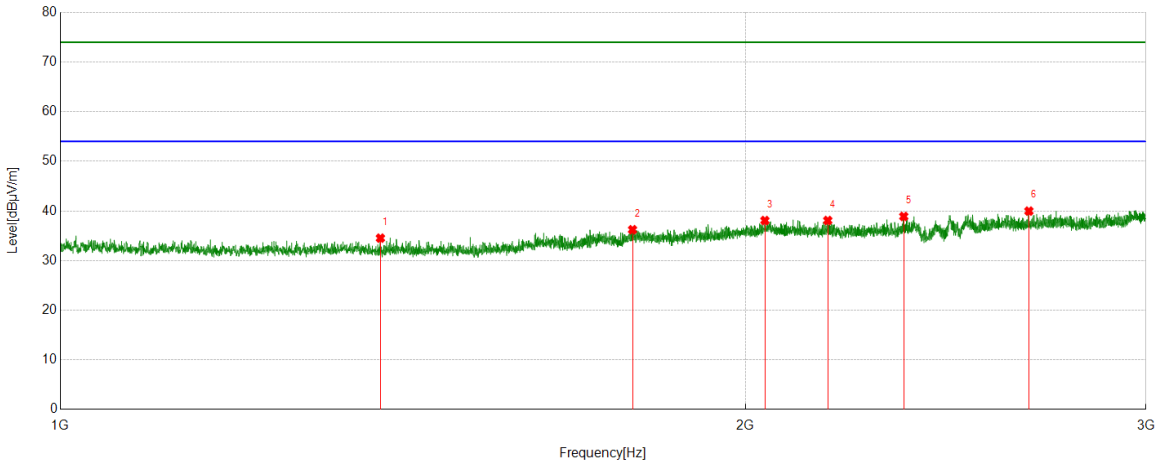
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1382.5478	41.18	-6.66	34.52	74.00	-39.48	Horizontal
2	1784.348	40.59	-4.37	36.22	74.00	-37.78	Horizontal
3	2040.13	40.54	-2.47	38.07	74.00	-35.93	Horizontal
4	2174.1468	41.27	-3.19	38.08	74.00	-35.92	Horizontal
5	2347.9185	41.98	-3.09	38.89	74.00	-35.11	Horizontal
6	2664.9581	41.81	-1.84	39.97	74.00	-34.03	Horizontal

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

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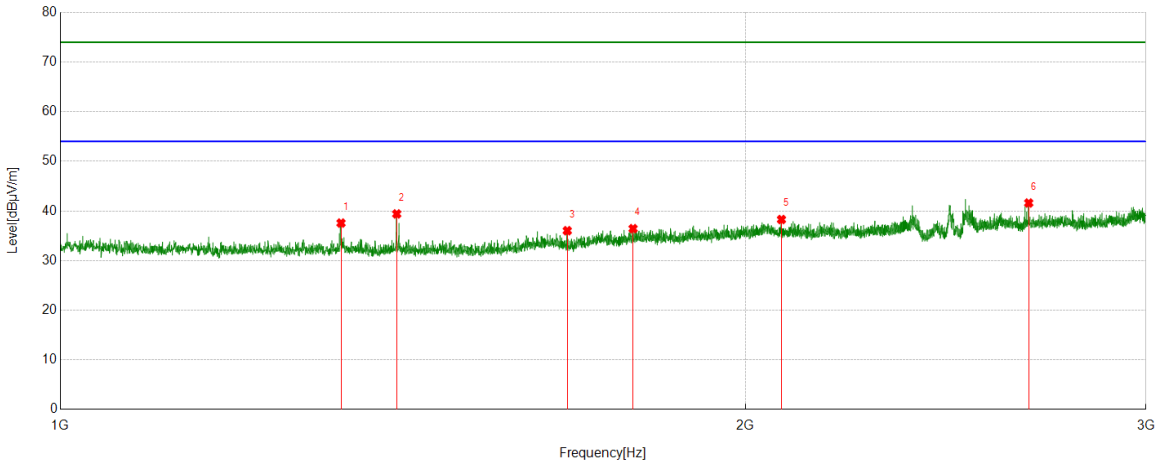
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1328.5411	43.97	-6.41	37.56	74.00	-36.44	Vertical
2	1405.5507	45.94	-6.54	39.40	74.00	-34.60	Vertical
3	1670.3338	41.14	-5.12	36.02	74.00	-37.98	Vertical
4	1785.3482	40.80	-4.37	36.43	74.00	-37.57	Vertical
5	2074.6343	41.25	-2.98	38.27	74.00	-35.73	Vertical
6	2664.4581	43.44	-1.84	41.60	74.00	-32.40	Vertical

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

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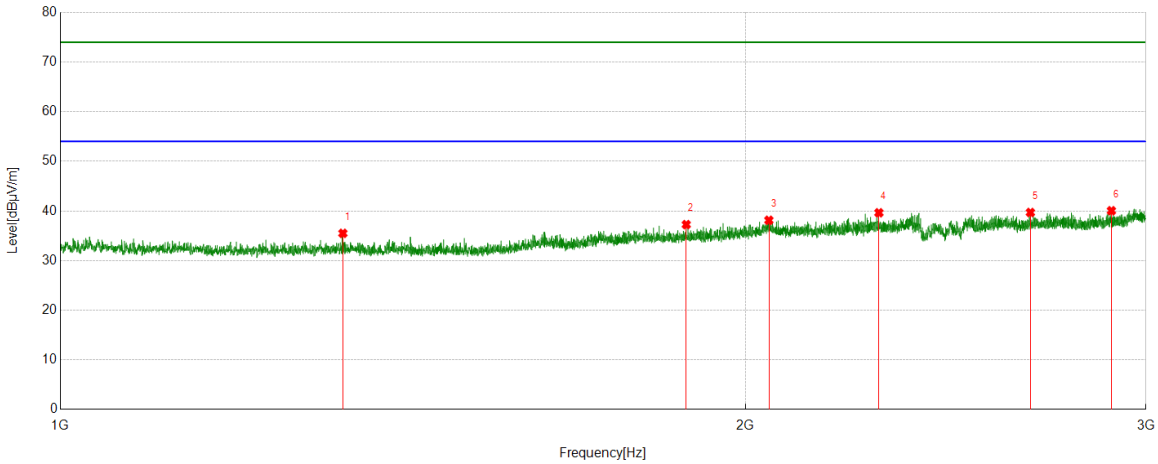
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1331.0414	41.91	-6.42	35.49	74.00	-38.51	Horizontal
2	1884.1105	41.22	-3.97	37.25	74.00	-36.75	Horizontal
3	2048.381	40.64	-2.52	38.12	74.00	-35.88	Horizontal
4	2289.6612	42.78	-3.15	39.63	74.00	-34.37	Horizontal
5	2668.9586	41.54	-1.85	39.69	74.00	-34.31	Horizontal
6	2896.9871	40.79	-0.75	40.04	74.00	-33.96	Horizontal

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

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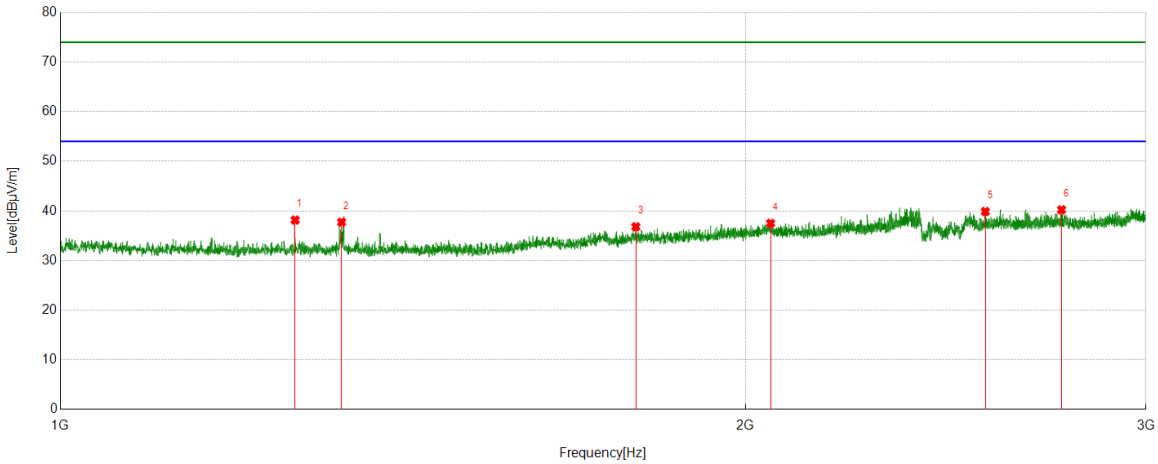
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1268.2835	44.33	-6.17	38.16	74.00	-35.84	Vertical
2	1329.2912	44.15	-6.41	37.74	74.00	-36.26	Vertical
3	1790.3488	41.16	-4.35	36.81	74.00	-37.19	Vertical
4	2051.8815	40.09	-2.58	37.51	74.00	-36.49	Vertical
5	2549.9437	42.28	-2.40	39.88	74.00	-34.12	Vertical
6	2754.4693	41.51	-1.28	40.23	74.00	-33.77	Vertical

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

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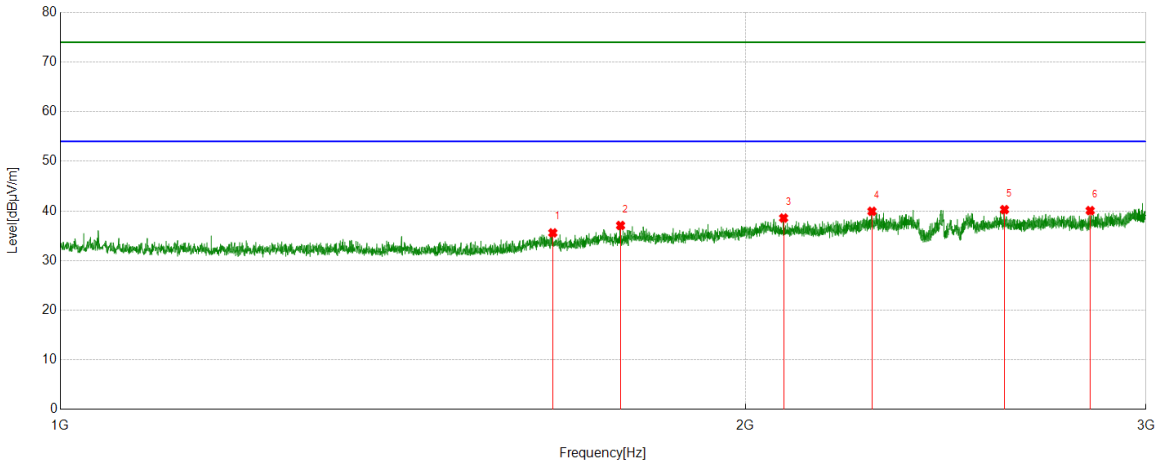
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1646.0808	40.77	-5.19	35.58	74.00	-38.42	Horizontal
2	1762.8454	41.81	-4.74	37.07	74.00	-36.93	Horizontal
3	2079.1349	41.57	-3.00	38.57	74.00	-35.43	Horizontal
4	2273.6592	43.15	-3.23	39.92	74.00	-34.08	Horizontal
5	2599.95	42.01	-1.75	40.26	74.00	-33.74	Horizontal
6	2835.4794	41.34	-1.28	40.06	74.00	-33.94	Horizontal

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

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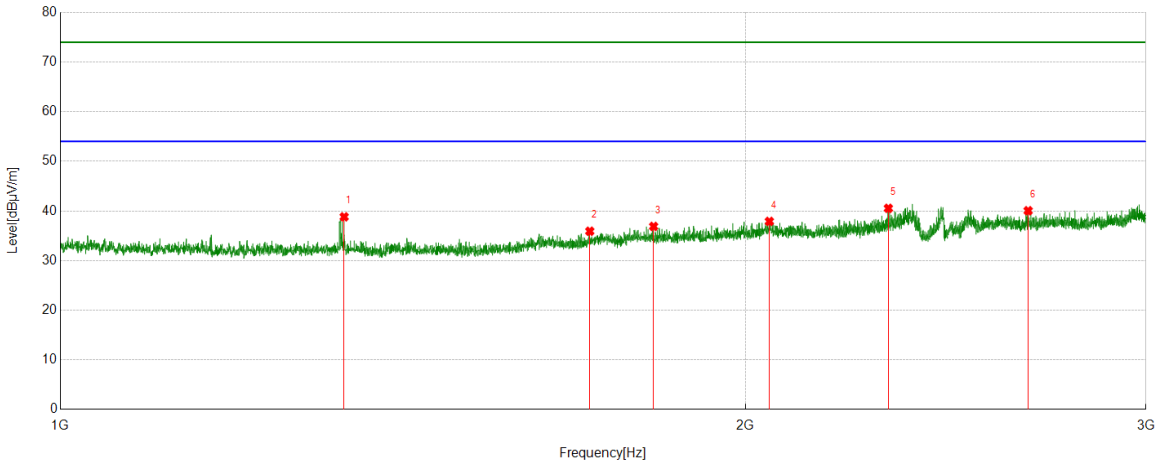
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1332.7916	45.23	-6.42	38.81	74.00	-35.19	Vertical
2	1708.8386	40.70	-4.79	35.91	74.00	-38.09	Vertical
3	1822.8529	41.08	-4.20	36.88	74.00	-37.12	Vertical
4	2049.3812	40.41	-2.52	37.89	74.00	-36.11	Vertical
5	2311.664	43.53	-3.00	40.53	74.00	-33.47	Vertical
6	2662.9579	41.87	-1.83	40.04	74.00	-33.96	Vertical

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

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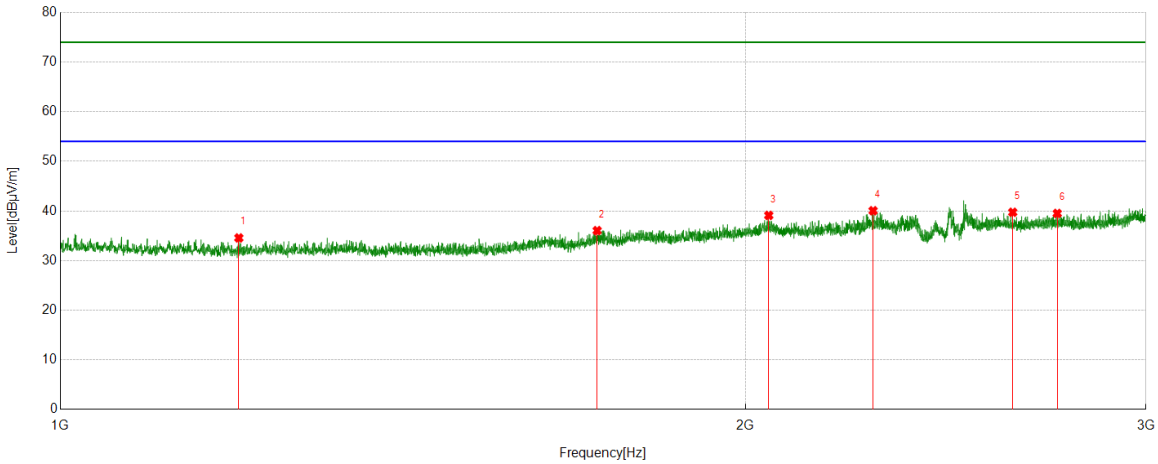
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1198.0248	41.23	-6.67	34.56	74.00	-39.44	Horizontal
2	1721.5902	40.99	-4.95	36.04	74.00	-37.96	Horizontal
3	2048.131	41.61	-2.51	39.10	74.00	-34.90	Horizontal
4	2276.1595	43.26	-3.22	40.04	74.00	-33.96	Horizontal
5	2621.7027	41.28	-1.55	39.73	74.00	-34.27	Horizontal
6	2742.4678	40.89	-1.39	39.50	74.00	-34.50	Horizontal

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

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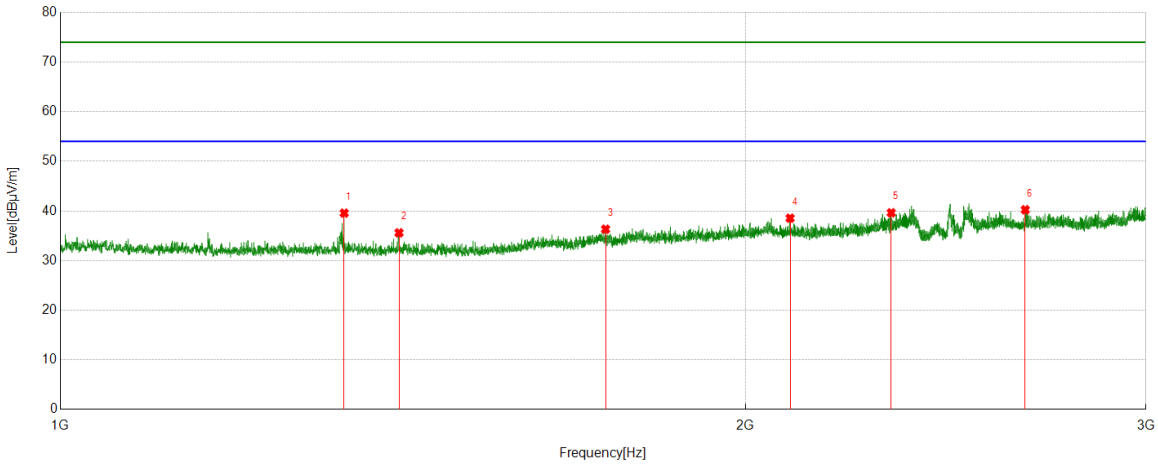
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1332.7916	45.98	-6.42	39.56	74.00	-34.44	Vertical
2	1408.8011	42.21	-6.62	35.59	74.00	-38.41	Vertical
3	1736.342	41.10	-4.78	36.32	74.00	-37.68	Vertical
4	2092.8866	41.51	-2.97	38.54	74.00	-35.46	Vertical
5	2318.4148	42.61	-2.98	39.63	74.00	-34.37	Vertical
6	2655.2069	42.11	-1.87	40.24	74.00	-33.76	Vertical

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

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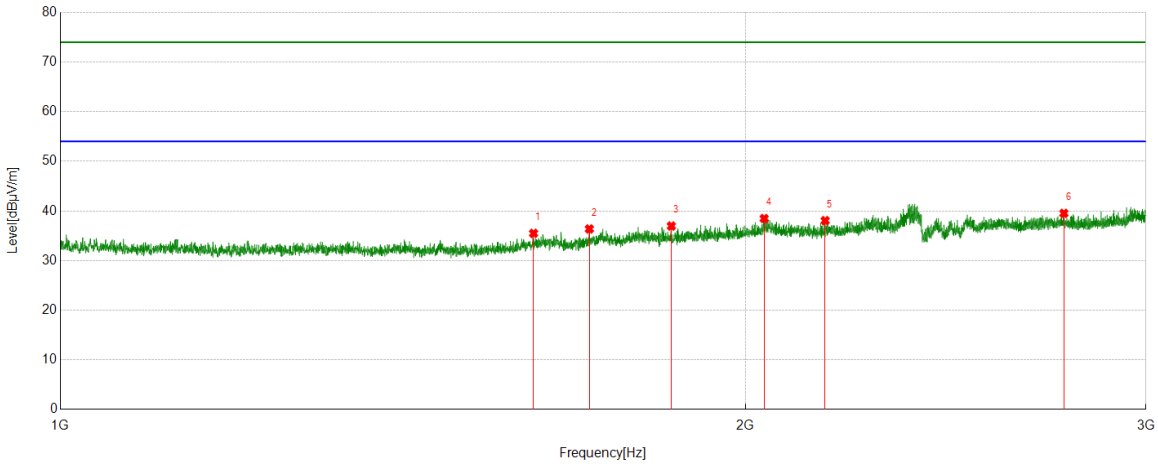
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1614.3268	41.06	-5.58	35.48	74.00	-38.52	Horizontal
2	1708.0885	41.18	-4.81	36.37	74.00	-37.63	Horizontal
3	1855.857	41.02	-4.06	36.96	74.00	-37.04	Horizontal
4	2038.6298	40.99	-2.52	38.47	74.00	-35.53	Horizontal
5	2168.396	41.25	-3.20	38.05	74.00	-35.95	Horizontal
6	2760.9701	40.87	-1.35	39.52	74.00	-34.48	Horizontal

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

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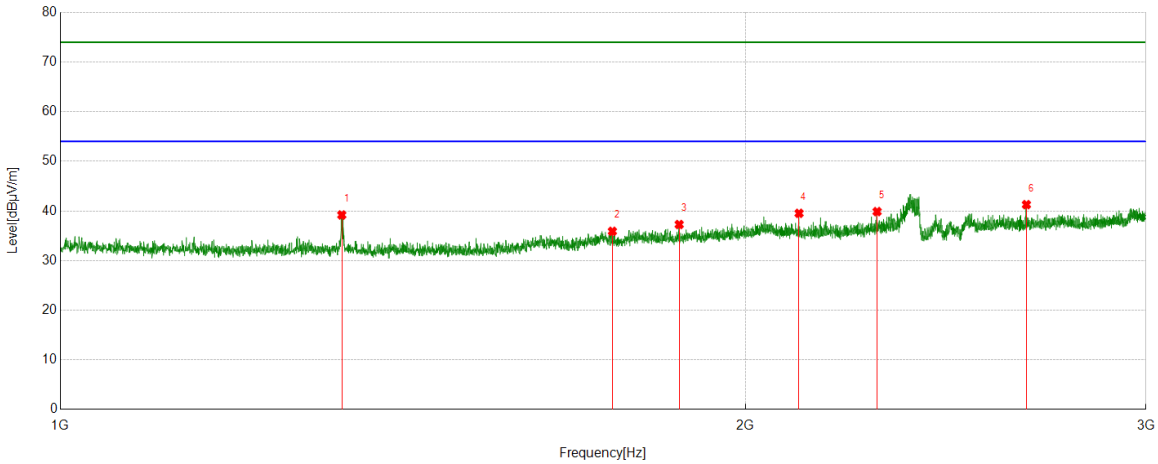
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1329.5412	45.61	-6.42	39.19	74.00	-34.81	Vertical
2	1748.3435	40.82	-4.92	35.90	74.00	-38.10	Vertical
3	1870.6088	41.26	-3.99	37.27	74.00	-36.73	Vertical
4	2111.889	42.52	-3.00	39.52	74.00	-34.48	Vertical
5	2285.4107	43.05	-3.18	39.87	74.00	-34.13	Vertical
6	2658.2073	43.11	-1.84	41.27	74.00	-32.73	Vertical

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

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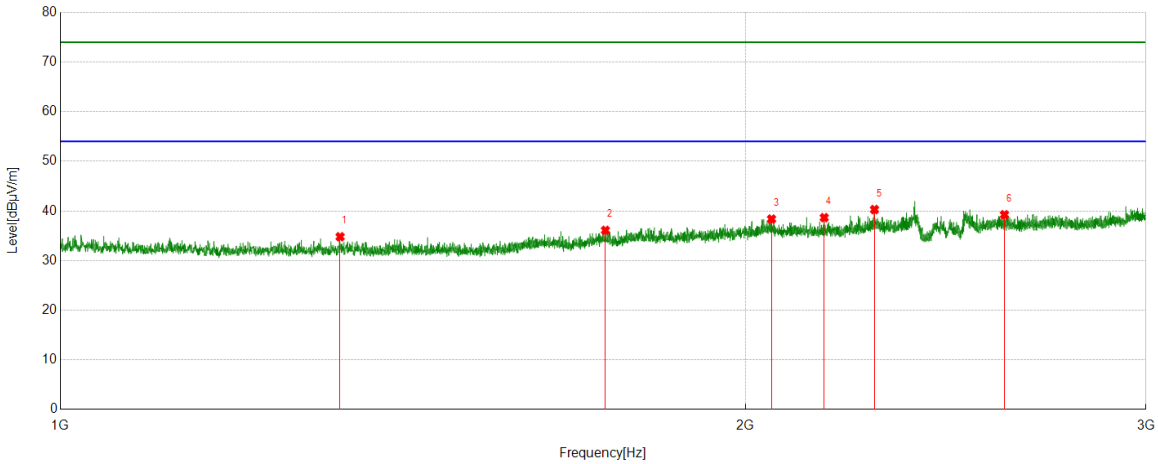
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1327.2909	41.20	-6.40	34.80	74.00	-39.20	Horizontal
2	1736.092	40.86	-4.77	36.09	74.00	-37.91	Horizontal
3	2053.8817	41.00	-2.64	38.36	74.00	-35.64	Horizontal
4	2166.3958	41.85	-3.20	38.65	74.00	-35.35	Horizontal
5	2279.4099	43.48	-3.20	40.28	74.00	-33.72	Horizontal
6	2599.7	40.99	-1.76	39.23	74.00	-34.77	Horizontal

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

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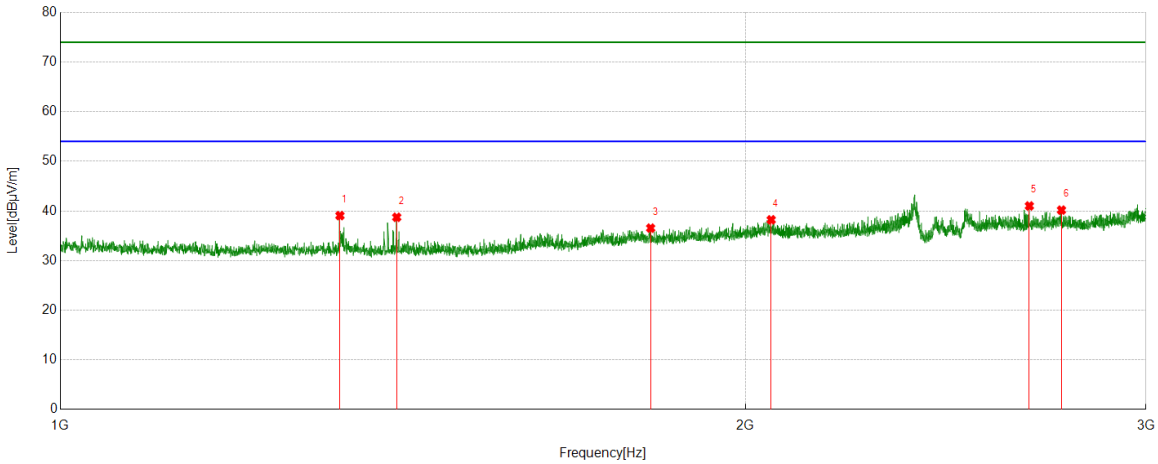
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1327.0409	45.46	-6.40	39.06	74.00	-34.94	Vertical
2	1405.5507	45.26	-6.54	38.72	74.00	-35.28	Vertical
3	1817.3522	40.75	-4.21	36.54	74.00	-37.46	Vertical
4	2053.1316	40.83	-2.62	38.21	74.00	-35.79	Vertical
5	2666.2083	42.85	-1.84	41.01	74.00	-32.99	Vertical
6	2754.2193	41.44	-1.27	40.17	74.00	-33.83	Vertical

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

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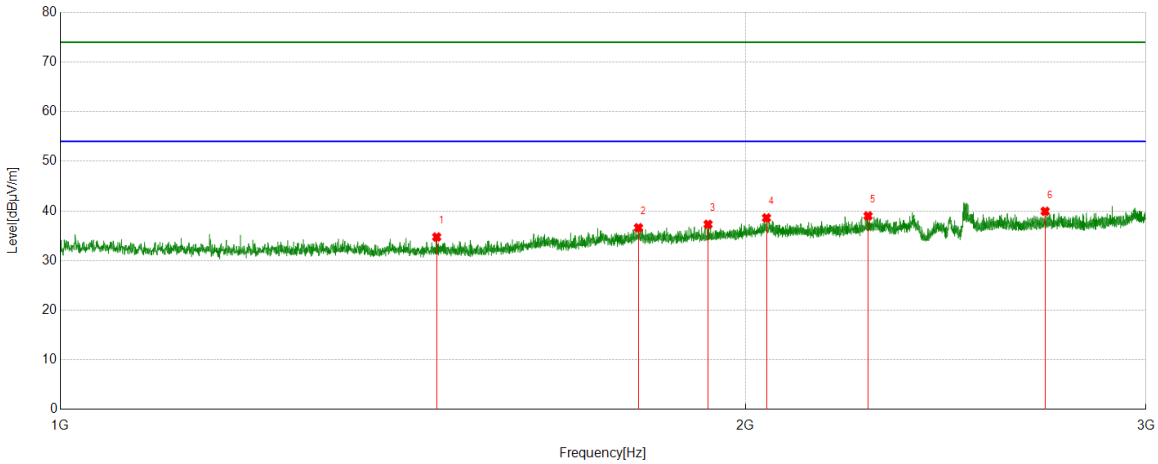
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1463.5579	41.30	-6.55	34.75	74.00	-39.25	Horizontal
2	1795.0994	40.89	-4.28	36.61	74.00	-37.39	Horizontal
3	1926.1158	40.70	-3.40	37.30	74.00	-36.70	Horizontal
4	2043.3804	41.09	-2.49	38.60	74.00	-35.40	Horizontal
5	2264.6581	42.23	-3.23	39.00	74.00	-35.00	Horizontal
6	2709.2137	41.18	-1.25	39.93	74.00	-34.07	Horizontal

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

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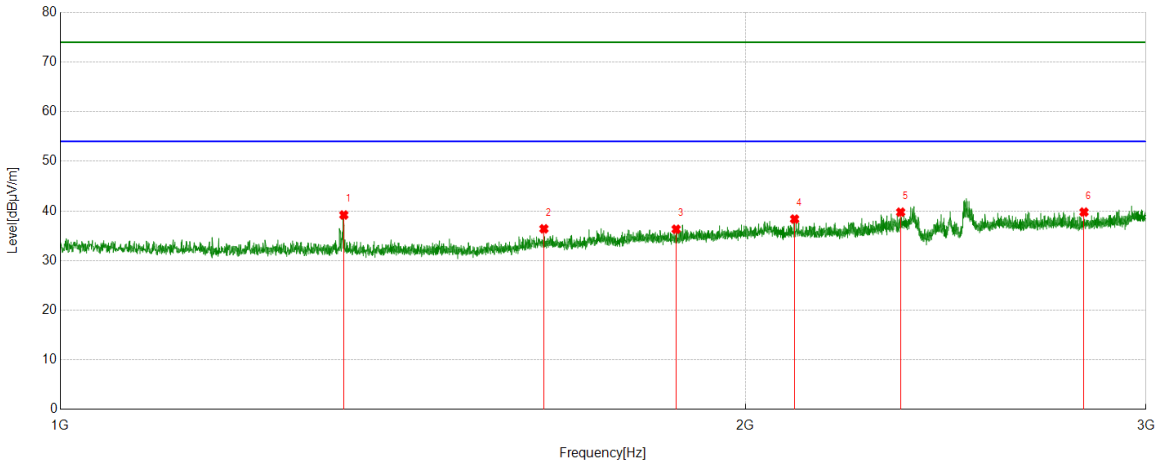
Test Mode	Channel	Polarization	Verdict
11N HT40 MIMO	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1332.2915	45.61	-6.42	39.19	74.00	-34.81	Vertical
2	1631.3289	41.77	-5.37	36.40	74.00	-37.60	Vertical
3	1864.8581	40.37	-4.05	36.32	74.00	-37.68	Vertical
4	2102.3878	41.30	-2.94	38.36	74.00	-35.64	Vertical
5	2340.6676	42.86	-3.11	39.75	74.00	-34.25	Vertical
6	2817.7272	41.24	-1.47	39.77	74.00	-34.23	Vertical

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

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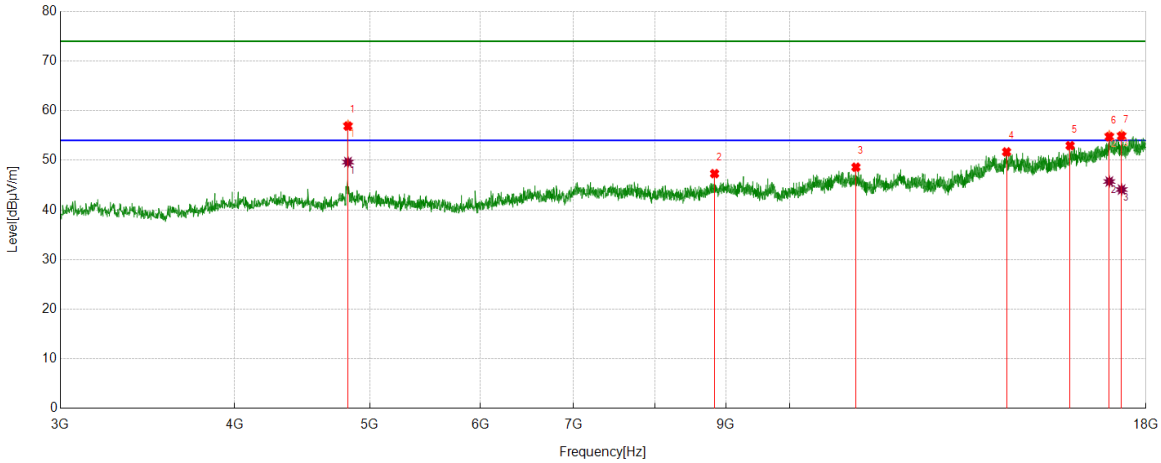
Part 2: 3GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4822.7278	51.53	5.35	56.88	74.00	-17.12	Horizontal
2	8831.979	38.09	9.22	47.31	74.00	-26.69	Horizontal
3	11153.5192	36.56	12.05	48.61	74.00	-25.39	Horizontal
4	14302.0378	35.65	16.04	51.69	74.00	-22.31	Horizontal
5	15882.8604	35.66	17.29	52.95	74.00	-21.05	Horizontal
6	16944.243	35.31	19.43	54.74	74.00	-19.26	Horizontal
7	17291.1614	36.33	18.55	54.88	74.00	-19.12	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4823.2141	44.30	5.35	49.65	54.00	-4.35	Horizontal
2	16944.243	26.30	19.43	45.73	54.00	-8.27	Horizontal
3	17291.1614	25.56	18.55	44.11	54.00	-9.89	Horizontal

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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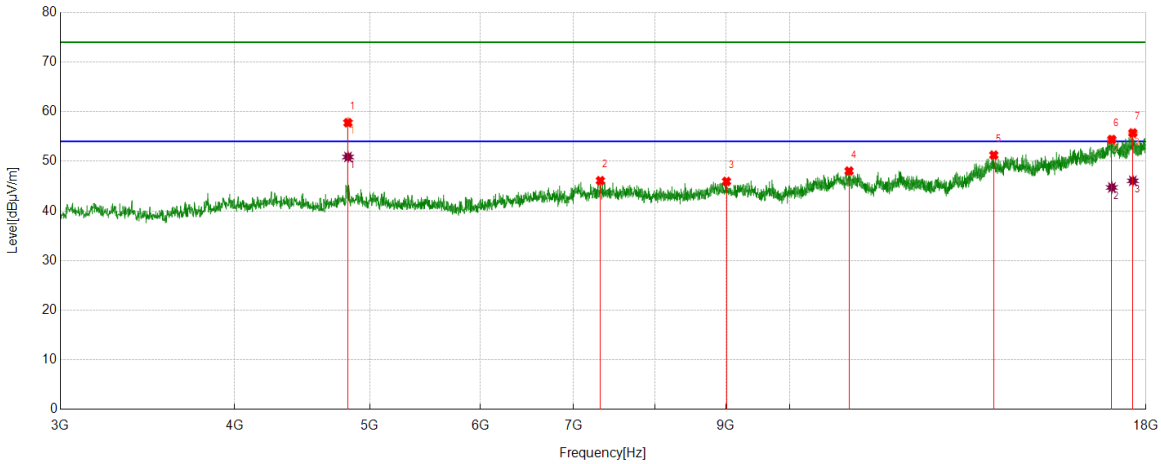
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4822.7278	52.42	5.35	57.77	74.00	-16.23	Vertical
2	7314.9144	37.63	8.47	46.10	74.00	-27.90	Vertical
3	9008.251	36.49	9.45	45.94	74.00	-28.06	Vertical
4	11027.8785	35.56	12.48	48.04	74.00	-25.96	Vertical
5	14003.8755	35.42	15.83	51.25	74.00	-22.75	Vertical
6	17015.5019	35.38	19.01	54.39	74.00	-19.61	Vertical
7	17615.5769	36.29	19.42	55.71	74.00	-18.29	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4823.2242	45.52	5.35	50.87	54.00	-3.13	Vertical
2	17015.5019	25.72	19.01	44.73	54.00	-9.27	Vertical
3	17615.5769	26.65	19.42	46.07	54.00	-7.93	Vertical

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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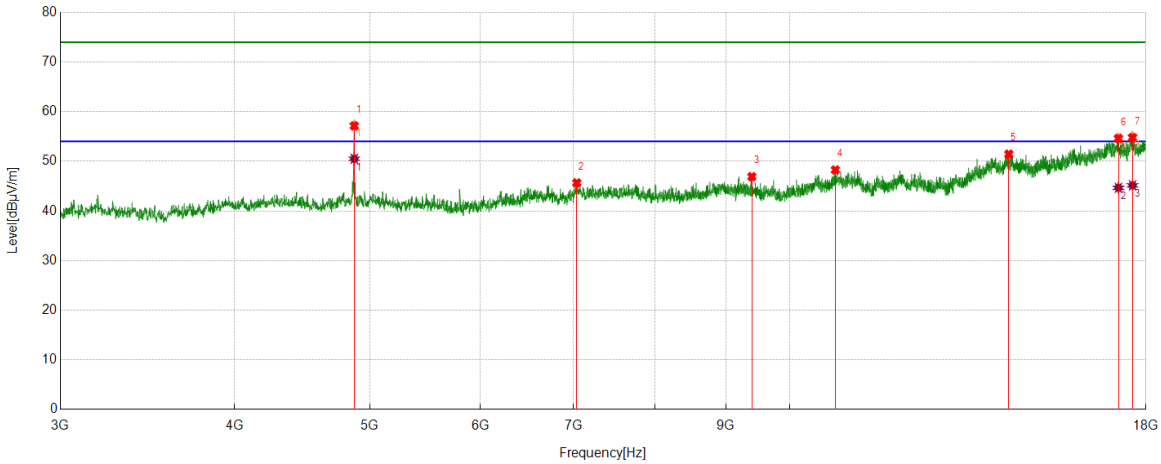
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4873.3592	51.59	5.54	57.13	74.00	-16.87	Horizontal
2	7035.5044	36.49	9.17	45.66	74.00	-28.34	Horizontal
3	9392.6741	37.44	9.47	46.91	74.00	-27.09	Horizontal
4	10780.3475	36.26	12.00	48.26	74.00	-25.74	Horizontal
5	14354.5443	35.64	15.81	51.45	74.00	-22.55	Horizontal
6	17201.1501	35.58	19.04	54.62	74.00	-19.38	Horizontal
7	17606.2008	35.16	19.61	54.77	74.00	-19.23	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4873.3592	44.97	5.54	50.51	54.00	-3.49	Horizontal
2	17201.1501	25.62	19.04	44.66	54.00	-9.34	Horizontal
3	17606.2008	25.54	19.61	45.15	54.00	-8.85	Horizontal

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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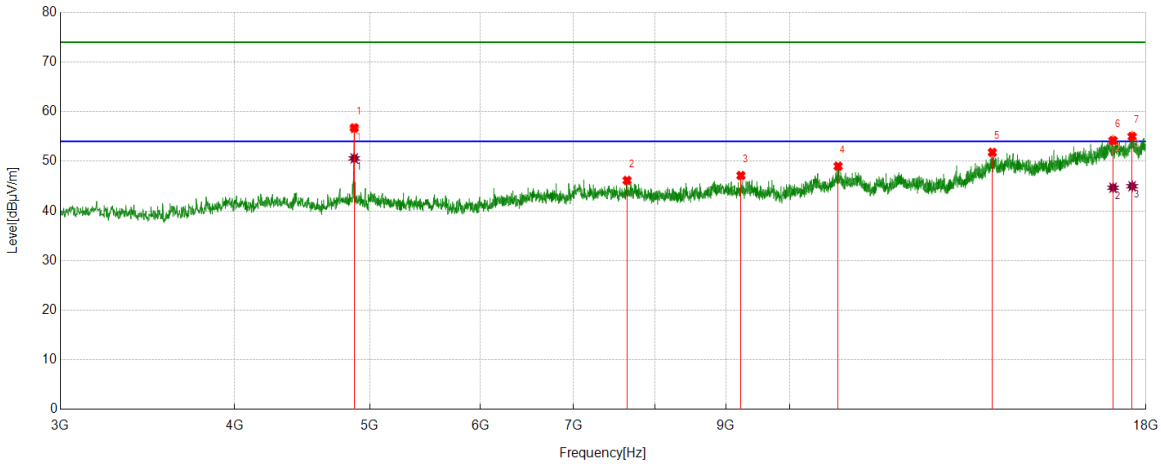
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4873.3592	51.19	5.54	56.73	74.00	-17.27	Vertical
2	7644.9556	37.55	8.59	46.14	74.00	-27.86	Vertical
3	9225.7782	37.76	9.37	47.13	74.00	-26.87	Vertical
4	10830.9789	36.79	12.22	49.01	74.00	-24.99	Vertical
5	13970.1213	36.05	15.75	51.80	74.00	-22.20	Vertical
6	17049.2562	34.31	19.86	54.17	74.00	-19.83	Vertical
7	17594.9494	35.34	19.65	54.99	74.00	-19.01	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4873.3592	45.05	5.54	50.59	54.00	-3.41	Vertical
2	17049.2562	24.82	19.86	44.68	54.00	-9.32	Vertical
3	17594.9494	25.33	19.65	44.98	54.00	-9.02	Vertical

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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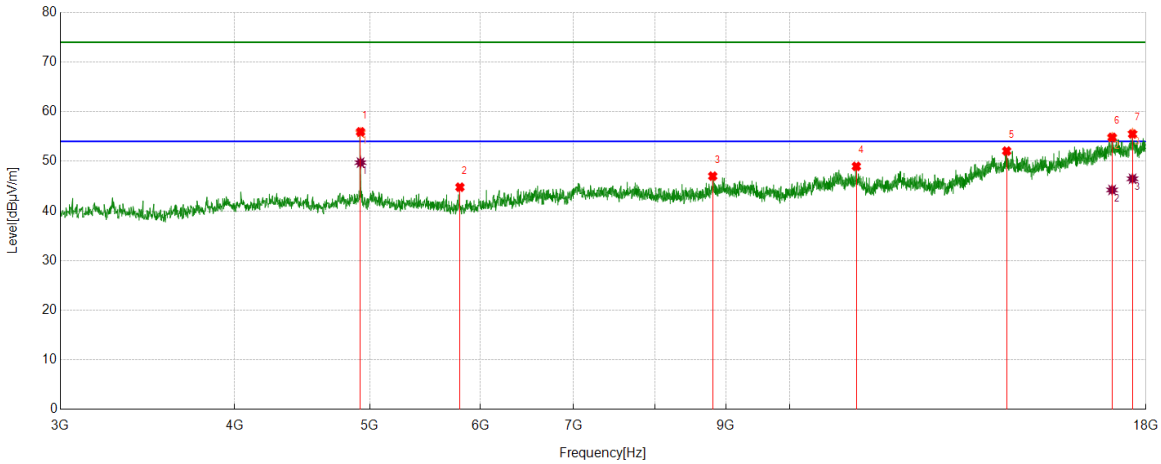
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4923.9905	50.37	5.56	55.93	74.00	-18.07	Horizontal
2	5801.6002	40.39	4.39	44.78	74.00	-29.22	Horizontal
3	8805.7257	37.92	9.09	47.01	74.00	-26.99	Horizontal
4	11161.0201	36.99	11.99	48.98	74.00	-25.02	Horizontal
5	14303.913	36.05	16.01	52.06	74.00	-21.94	Horizontal
6	17023.0029	35.71	19.12	54.83	74.00	-19.17	Horizontal
7	17606.2008	35.88	19.61	55.49	74.00	-18.51	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4923.9905	44.18	5.56	49.74	54.00	-4.26	Horizontal
2	17023.0029	25.11	19.12	44.23	54.00	-9.77	Horizontal
3	17606.2008	26.87	19.61	46.48	54.00	-7.52	Horizontal

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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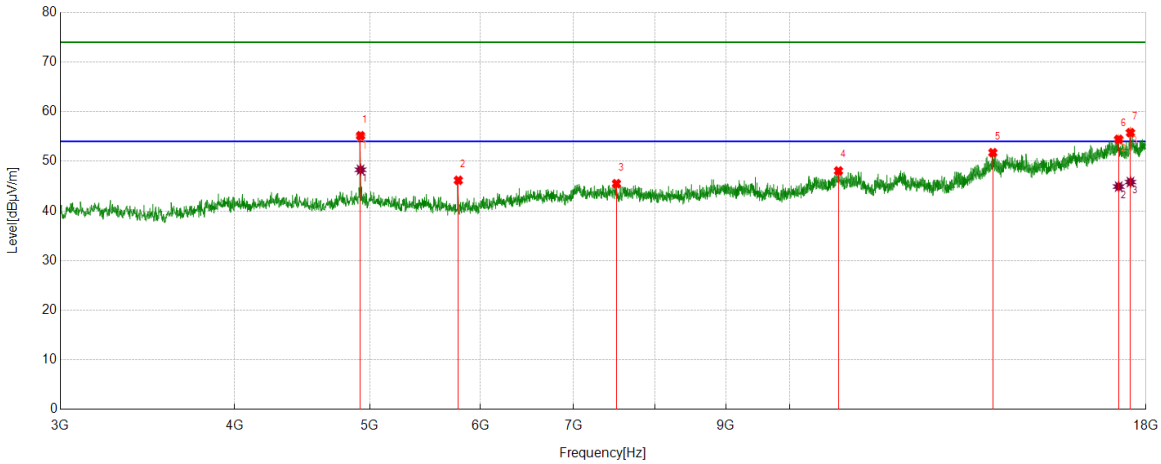
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4923.9905	49.59	5.56	55.15	74.00	-18.85	Vertical
2	5786.5983	41.91	4.26	46.17	74.00	-27.83	Vertical
3	7511.814	37.24	8.26	45.50	74.00	-28.50	Vertical
4	10836.6046	35.93	12.14	48.07	74.00	-25.93	Vertical
5	13981.3727	35.75	15.99	51.74	74.00	-22.26	Vertical
6	17208.6511	35.92	18.50	54.42	74.00	-19.58	Vertical
7	17546.1933	36.68	19.08	55.76	74.00	-18.24	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4923.9905	42.73	5.56	48.29	54.00	-5.71	Vertical
2	17208.6511	26.41	18.50	44.91	54.00	-9.09	Vertical
3	17546.1933	26.74	19.08	45.82	54.00	-8.18	Vertical

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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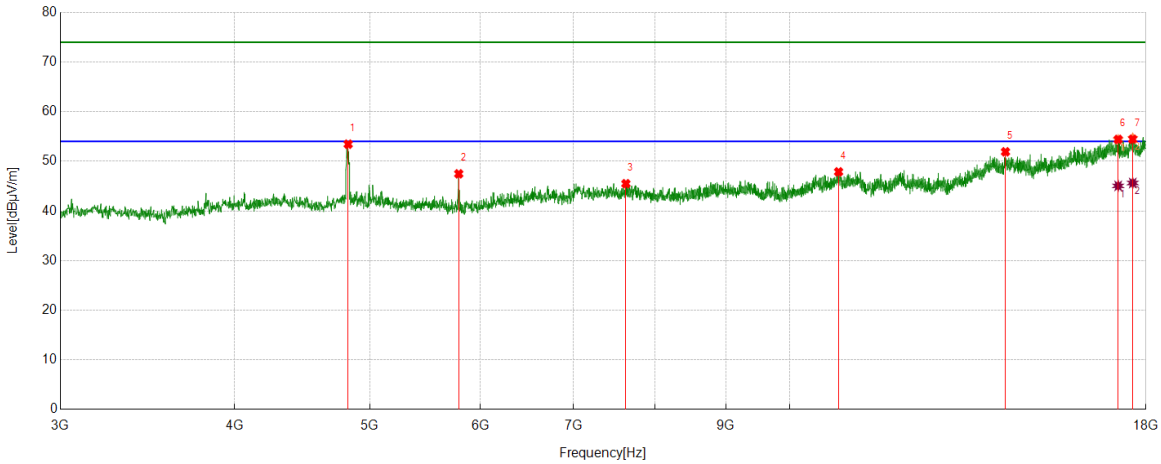
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4824.6031	48.09	5.36	53.45	74.00	-20.55	Horizontal
2	5790.3488	43.18	4.30	47.48	74.00	-26.52	Horizontal
3	7629.9537	37.09	8.40	45.49	74.00	-28.51	Horizontal
4	10838.4798	35.76	12.12	47.88	74.00	-26.12	Horizontal
5	14275.7845	35.99	15.92	51.91	74.00	-22.09	Horizontal
6	17193.6492	35.23	19.18	54.41	74.00	-19.59	Horizontal
7	17611.8265	34.86	19.58	54.44	74.00	-19.56	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17193.6492	25.87	19.18	45.05	54.00	-8.95	Horizontal
2	17611.8265	26.05	19.58	45.63	54.00	-8.37	Horizontal

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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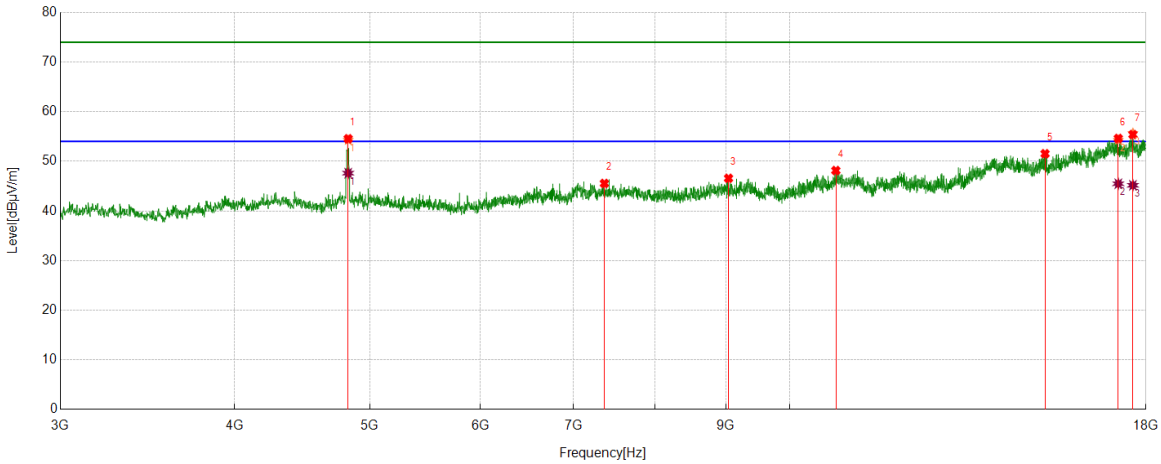
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4824.6031	49.18	5.36	54.54	74.00	-19.46	Vertical
2	7363.6705	37.19	8.35	45.54	74.00	-28.46	Vertical
3	9038.2548	37.03	9.55	46.58	74.00	-27.42	Vertical
4	10789.7237	36.11	12.03	48.14	74.00	-25.86	Vertical
5	15239.655	35.59	15.94	51.53	74.00	-22.47	Vertical
6	17197.3997	35.45	19.15	54.60	74.00	-19.40	Vertical
7	17617.4522	36.03	19.35	55.38	74.00	-18.62	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4824.6031	42.25	5.36	47.61	54.00	-6.39	Vertical
2	17197.3997	26.33	19.15	45.48	54.00	-8.52	Vertical
3	17617.4522	25.82	19.35	45.17	54.00	-8.83	Vertical

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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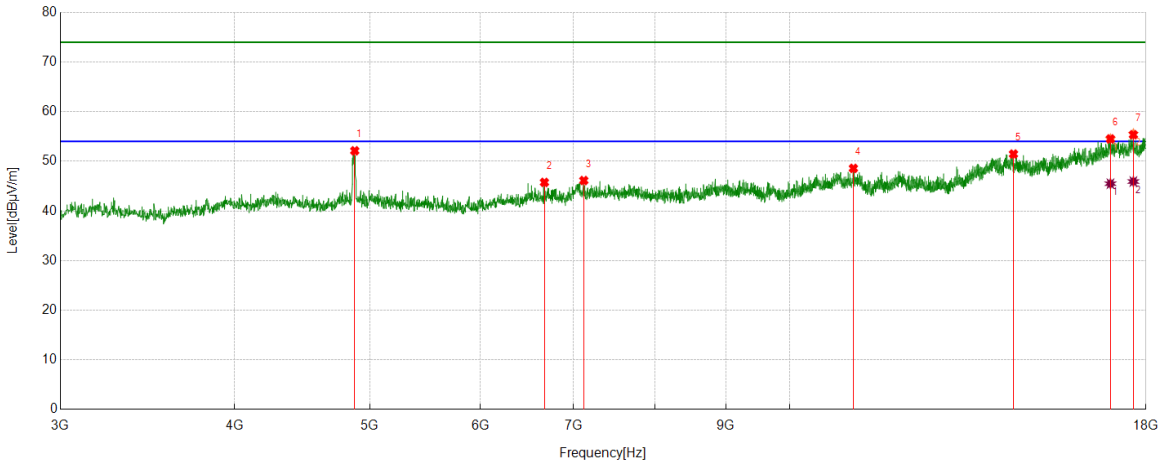
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4877.1096	46.57	5.55	52.12	74.00	-21.88	Horizontal
2	6669.8337	37.24	8.51	45.75	74.00	-28.25	Horizontal
3	7118.0148	37.01	9.12	46.13	74.00	-27.87	Horizontal
4	11106.6383	36.33	12.25	48.58	74.00	-25.42	Horizontal
5	14465.1831	35.54	15.92	51.46	74.00	-22.54	Horizontal
6	16976.122	34.57	19.94	54.51	74.00	-19.49	Horizontal
7	17630.5788	35.85	19.50	55.35	74.00	-18.65	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16976.122	25.55	19.94	45.49	54.00	-8.51	Horizontal
2	17630.5788	26.42	19.50	45.92	54.00	-8.08	Horizontal

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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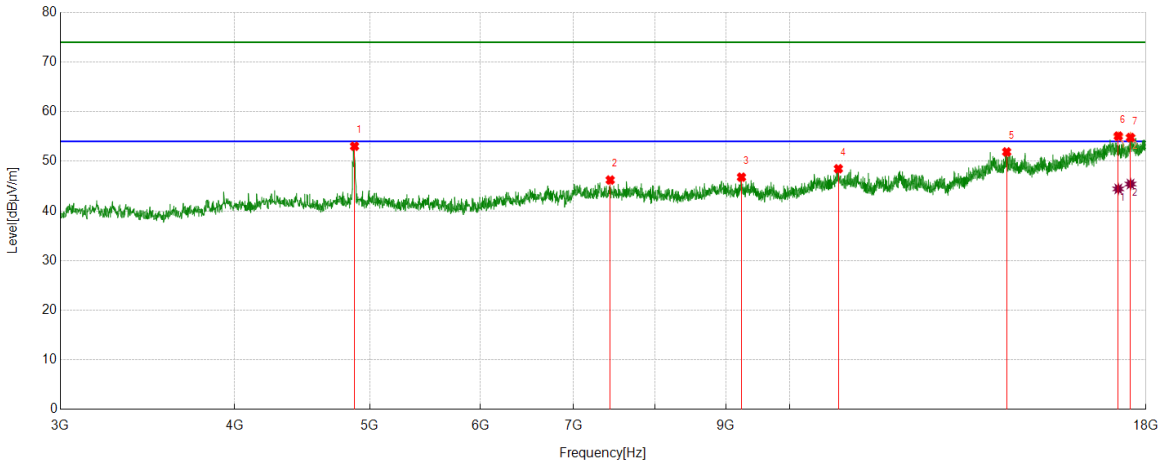
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4875.2344	47.48	5.55	53.03	74.00	-20.97	Vertical
2	7434.9294	37.70	8.53	46.23	74.00	-27.77	Vertical
3	9233.2792	37.34	9.46	46.80	74.00	-27.20	Vertical
4	10834.7293	36.33	12.17	48.50	74.00	-25.50	Vertical
5	14303.913	35.88	16.01	51.89	74.00	-22.11	Vertical
6	17197.3997	35.93	19.15	55.08	74.00	-18.92	Vertical
7	17548.0685	35.69	19.10	54.79	74.00	-19.21	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17197.3997	25.29	19.15	44.44	54.00	-9.56	Vertical
2	17548.0685	26.32	19.10	45.42	54.00	-8.58	Vertical

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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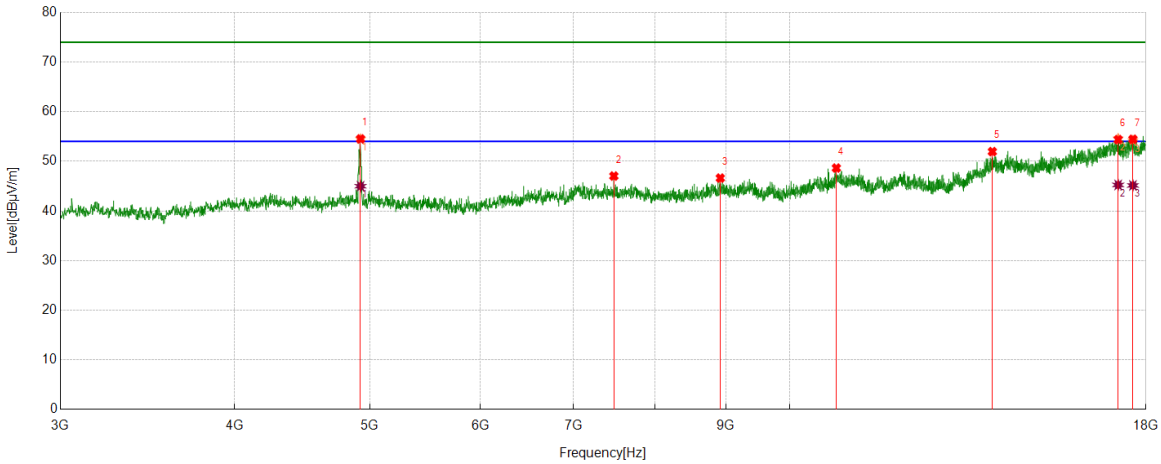
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4923.9905	48.95	5.56	54.51	74.00	-19.49	Horizontal
2	7479.935	38.49	8.54	47.03	74.00	-26.97	Horizontal
3	8916.3645	37.31	9.31	46.62	74.00	-27.38	Horizontal
4	10799.0999	36.60	12.04	48.64	74.00	-25.36	Horizontal
5	13970.1213	36.20	15.75	51.95	74.00	-22.05	Horizontal
6	17193.6492	35.19	19.18	54.37	74.00	-19.63	Horizontal
7	17617.4522	35.09	19.35	54.44	74.00	-19.56	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4923.9905	39.42	5.56	44.98	54.00	-9.02	Horizontal
2	17193.6492	26.06	19.18	45.24	54.00	-8.76	Horizontal
3	17617.4522	25.79	19.35	45.14	54.00	-8.86	Horizontal

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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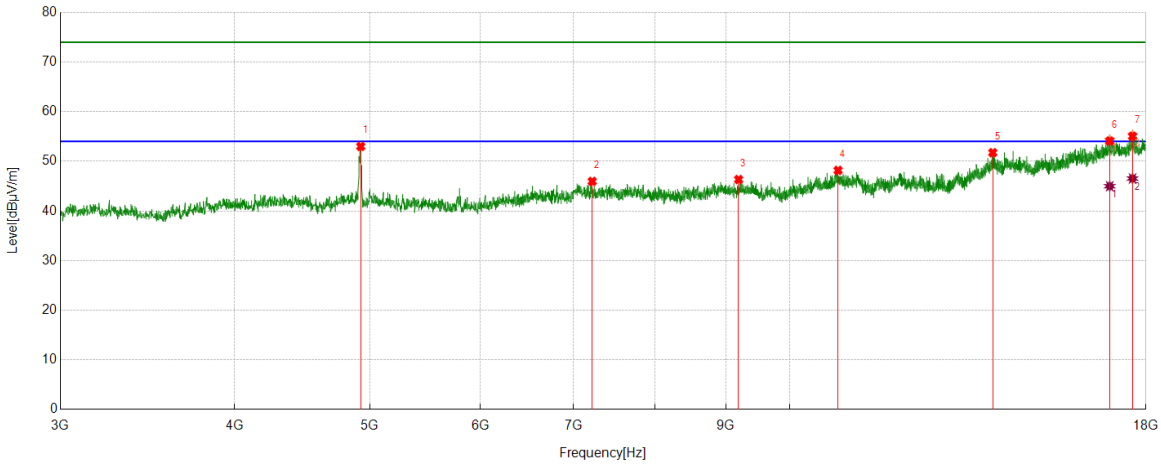
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4925.8657	47.43	5.56	52.99	74.00	-21.01	Vertical
2	7217.4022	37.14	8.81	45.95	74.00	-28.05	Vertical
3	9190.1488	37.00	9.33	46.33	74.00	-27.67	Vertical
4	10829.1036	35.94	12.23	48.17	74.00	-25.83	Vertical
5	13979.4974	35.75	15.99	51.74	74.00	-22.26	Vertical
6	16955.4944	34.43	19.64	54.07	74.00	-19.93	Vertical
7	17606.2008	35.43	19.61	55.04	74.00	-18.96	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16955.4944	25.34	19.64	44.98	54.00	-9.02	Vertical
2	17606.2008	26.92	19.61	46.53	54.00	-7.47	Vertical

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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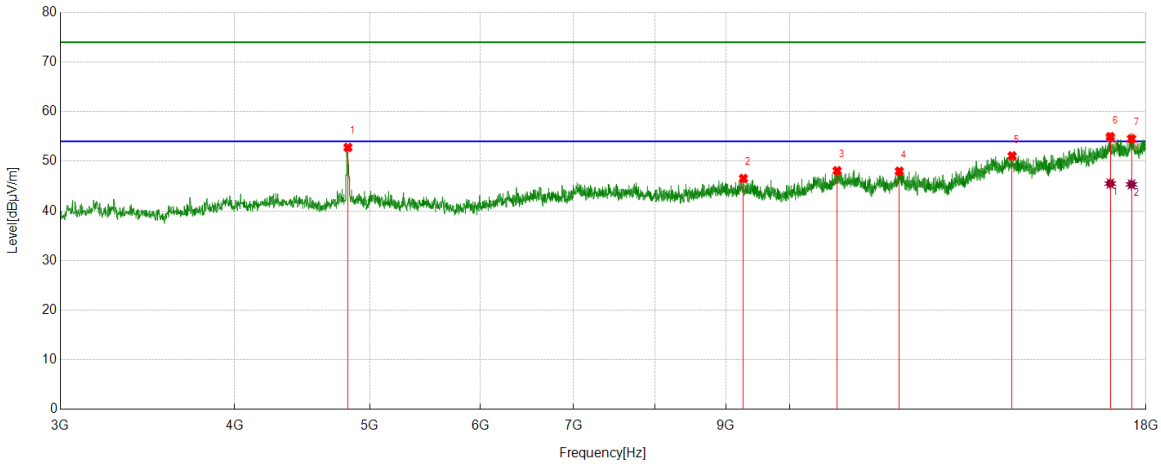
Test Mode	Channel	Polarization	Verdict
11N HT20 MIMO	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4822.7278	47.44	5.35	52.79	74.00	-21.21	Horizontal
2	9263.2829	37.25	9.29	46.54	74.00	-27.46	Horizontal
3	10812.2265	35.97	12.13	48.10	74.00	-25.90	Horizontal
4	11980.4976	35.29	12.71	48.00	74.00	-26.00	Horizontal
5	14433.3042	35.12	15.96	51.08	74.00	-22.92	Horizontal
6	16972.3715	34.98	19.98	54.96	74.00	-19.04	Horizontal
7	17576.197	34.70	19.83	54.53	74.00	-19.47	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16972.3715	25.54	19.98	45.52	54.00	-8.48	Horizontal
2	17576.197	25.52	19.83	45.35	54.00	-8.65	Horizontal

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 detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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