

PART 3: CONDUCTED SPURIOUS EMISSION**TEST RESULTS TABLE**

Test Mode	Test Channel	Result	Verdict
11B	LCH	Refer to the Test Graph	PASS
	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
11G	LCH	Refer to the Test Graph	PASS
	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
11N HT20	LCH	Refer to the Test Graph	PASS
	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS

TEST GRAPHS

Test Mode	Channel	Verdict
11B	LCH	PASS

LCH SPURIOUS EMISSION_30MHz~1GHz

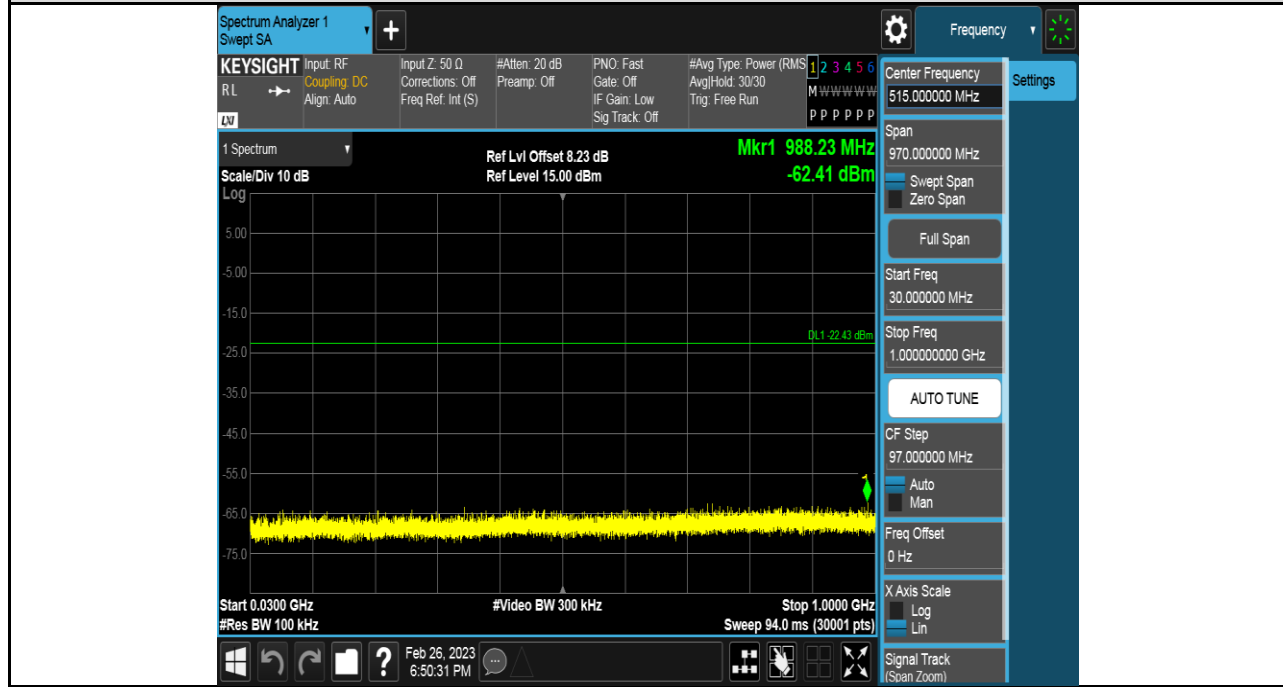


LCH SPURIOUS EMISSION_1GHz~26.5GHz



Test Mode	Channel	Verdict
11B	MCH	PASS

MCH SPURIOUS EMISSION_30MHz~1GHz

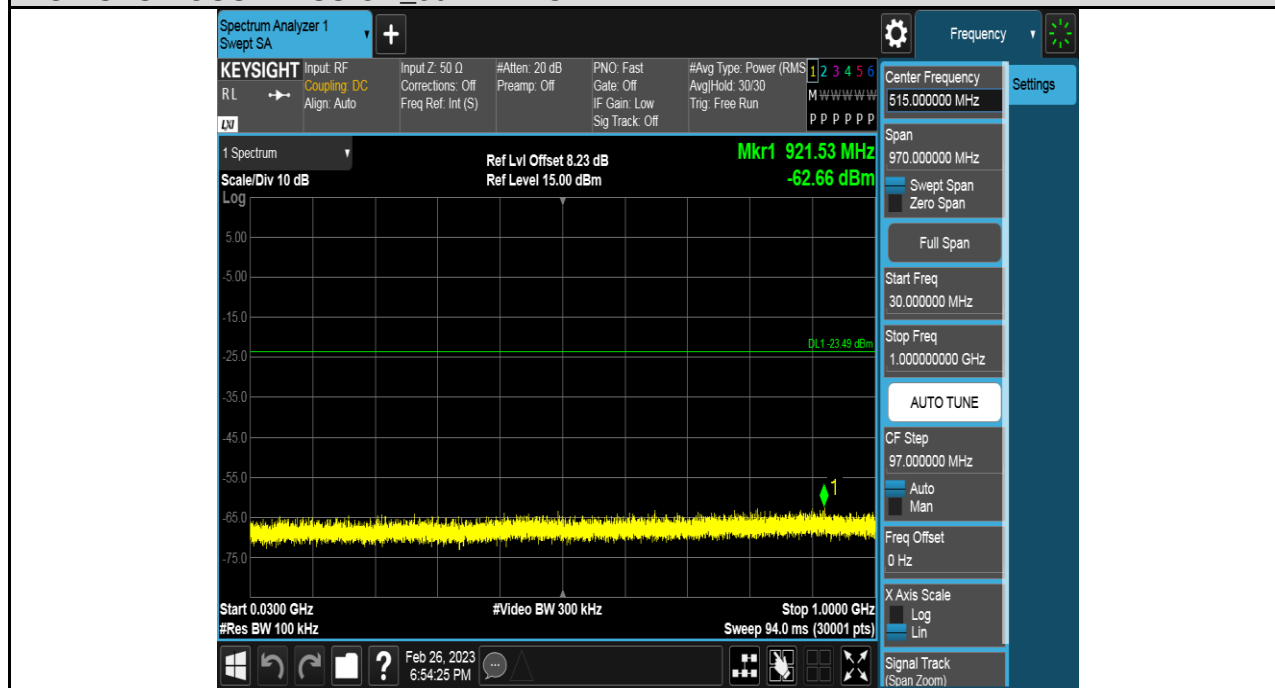


MCH SPURIOUS EMISSION_1GHz~26.5GHz



Test Mode	Channel	Verdict
11B	HCH	PASS

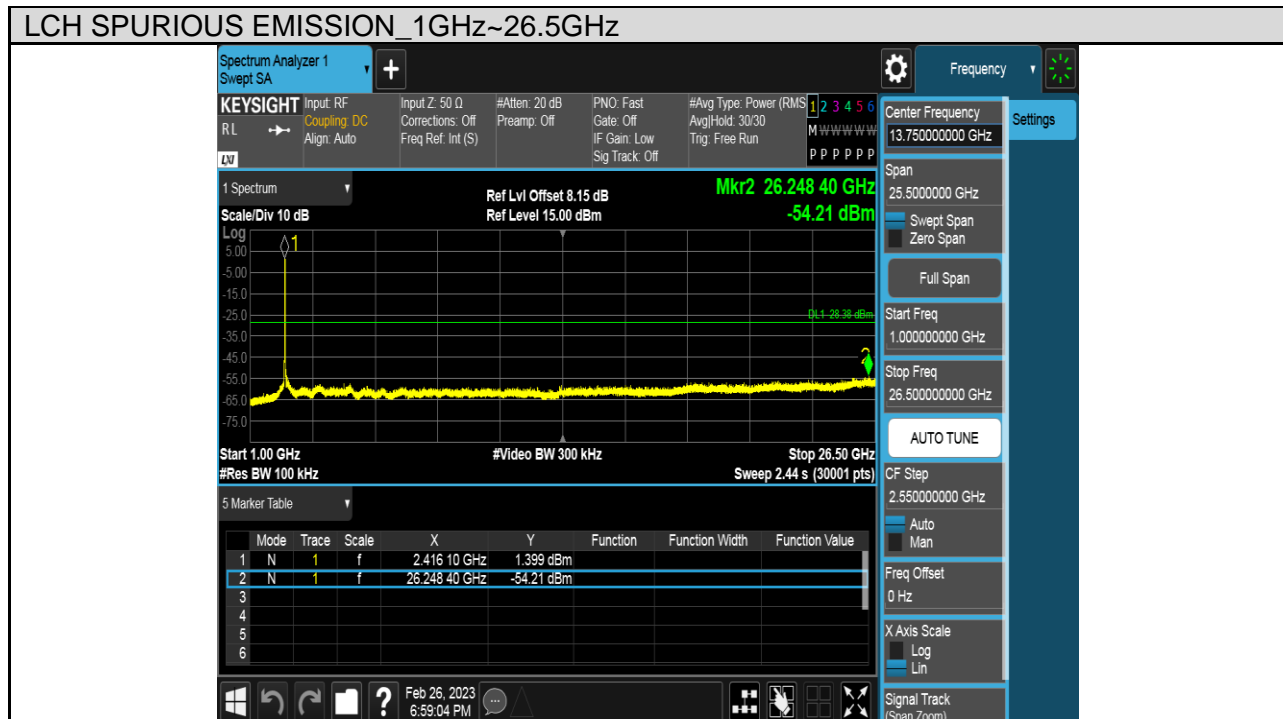
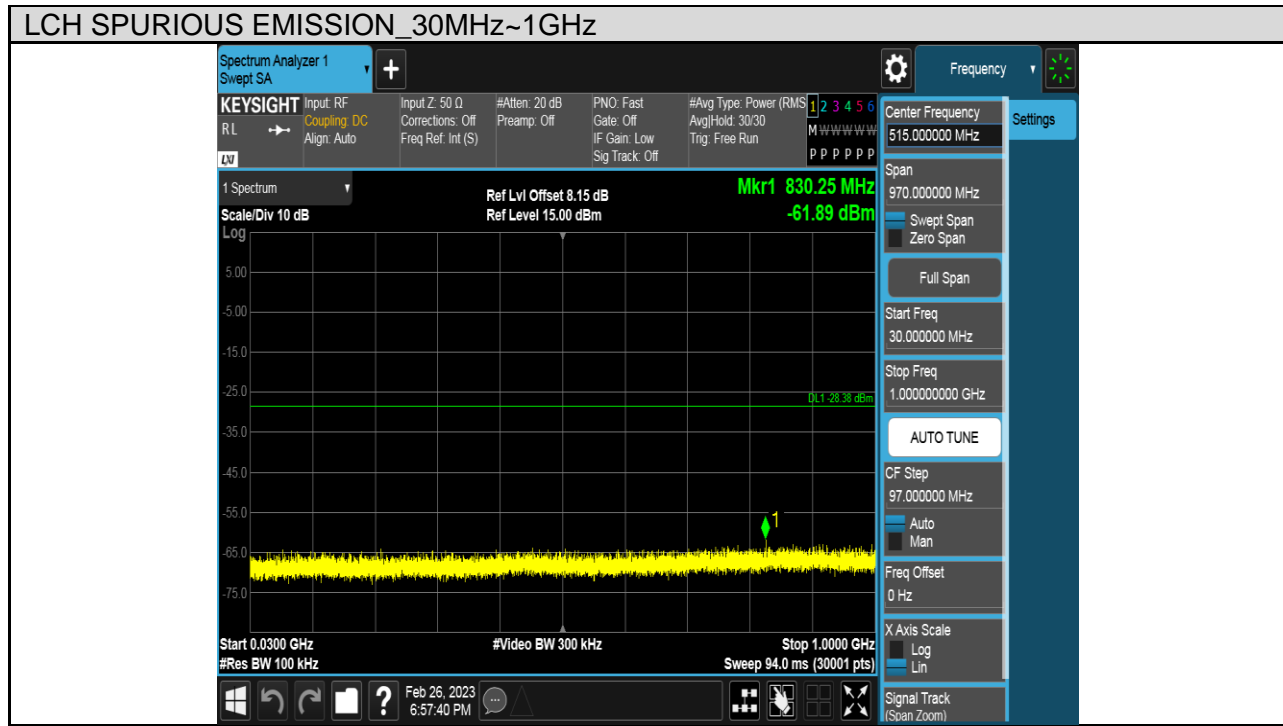
HCH SPURIOUS EMISSION_30MHz~1GHz



HCH SPURIOUS EMISSION_1GHz~26.5GHz

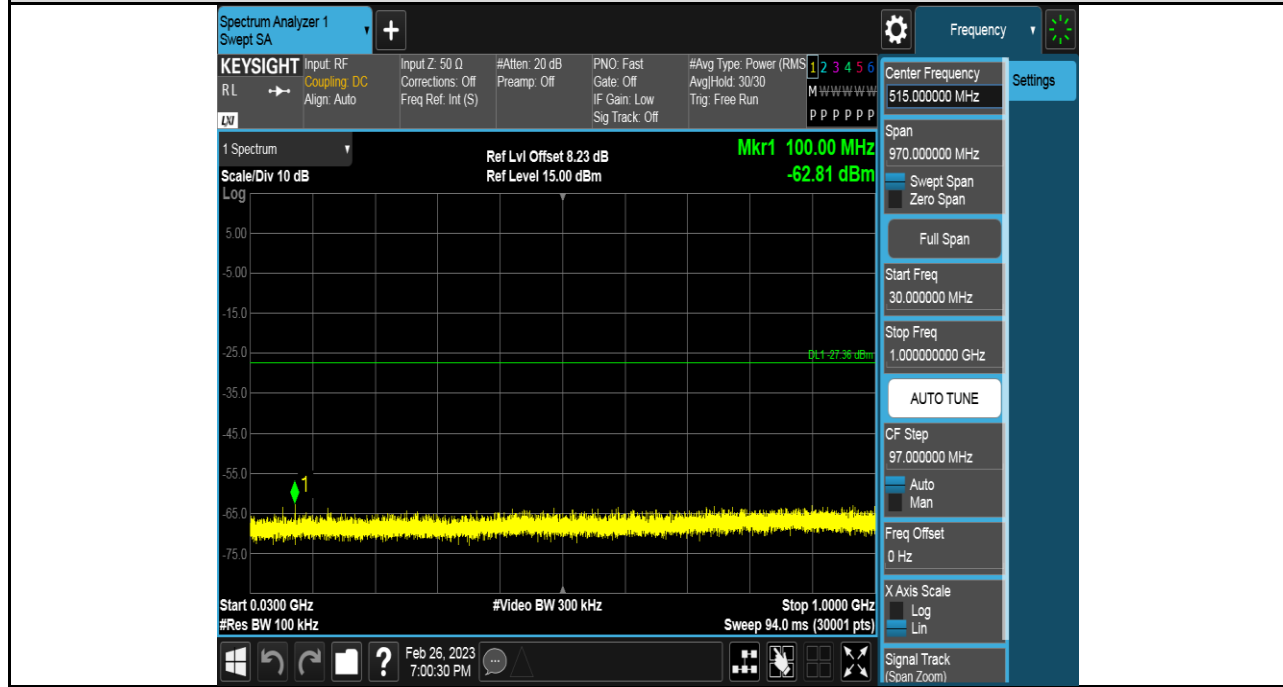


Test Mode	Channel	Verdict
11G	LCH	PASS

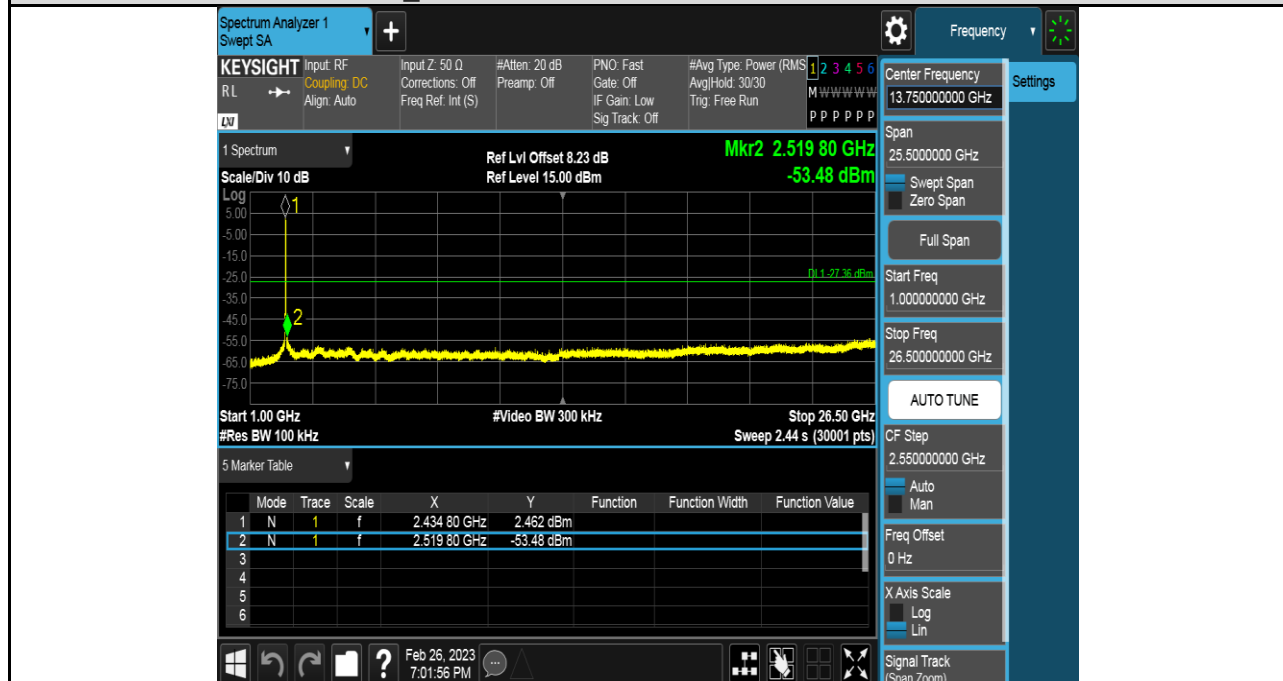


Test Mode	Channel	Verdict
11G	MCH	PASS

MCH SPURIOUS EMISSION_30MHz~1GHz

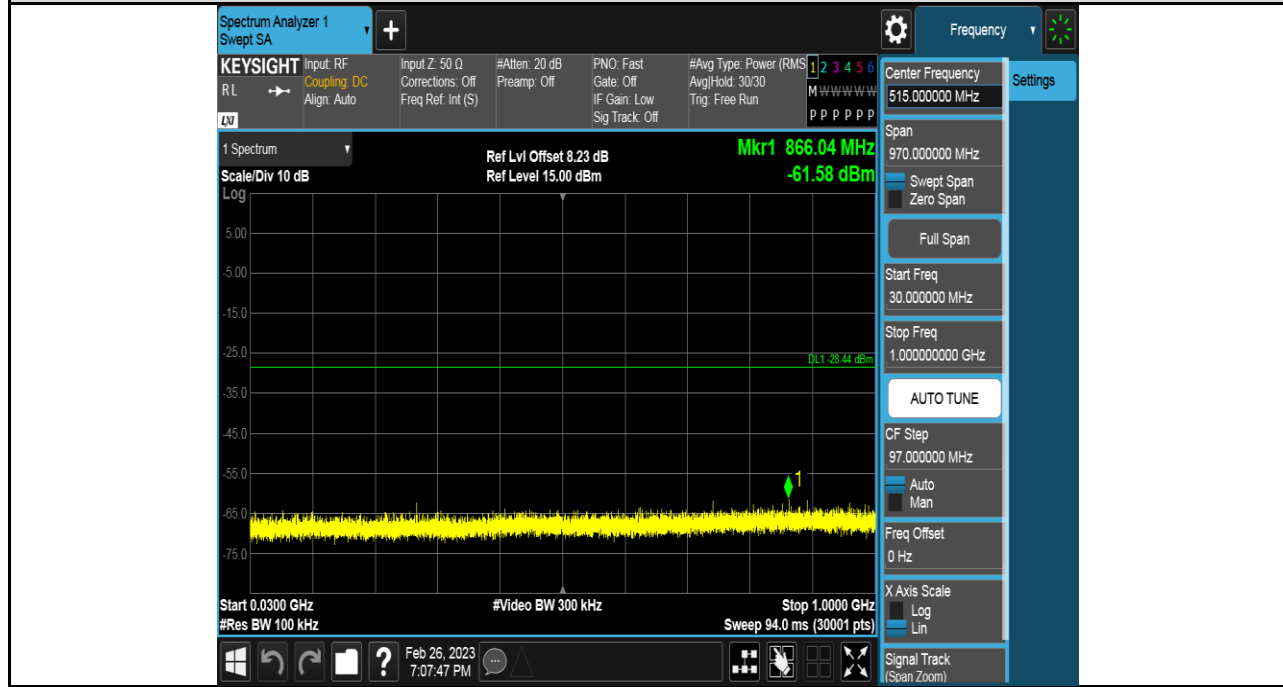


MCH SPURIOUS EMISSION_1GHz~26.5GHz



Test Mode	Channel	Verdict
11G	HCH	PASS

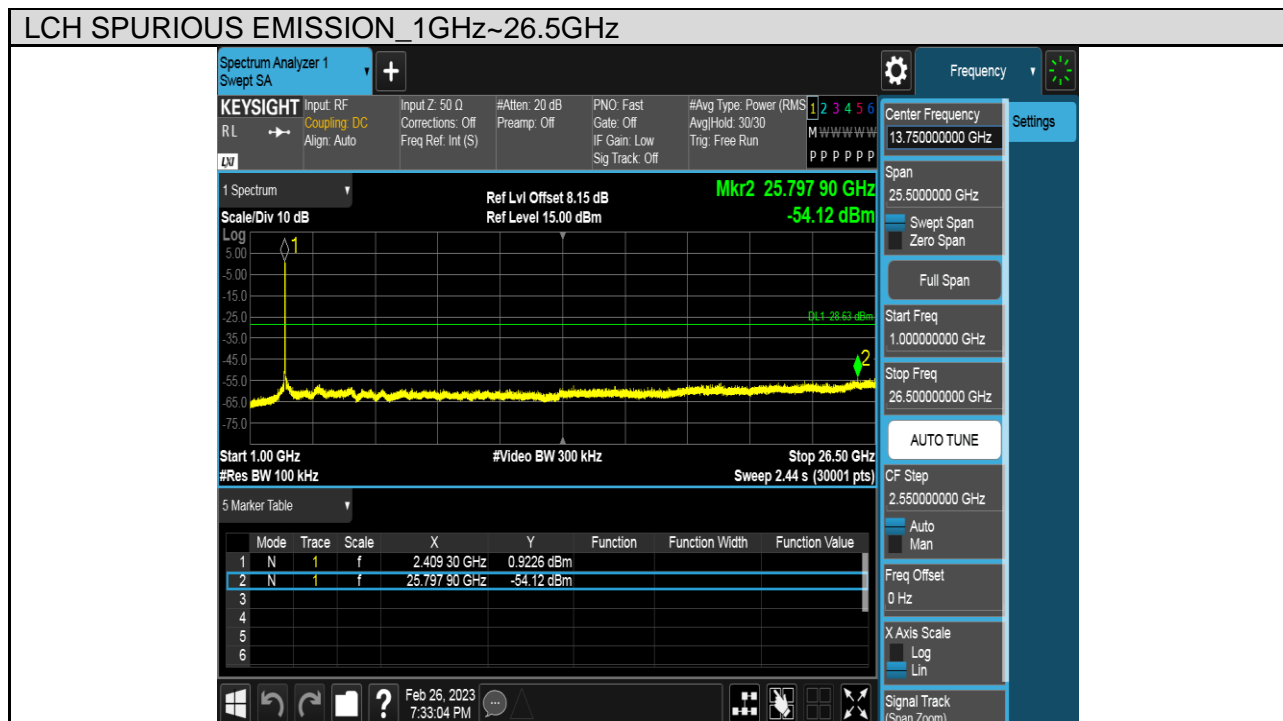
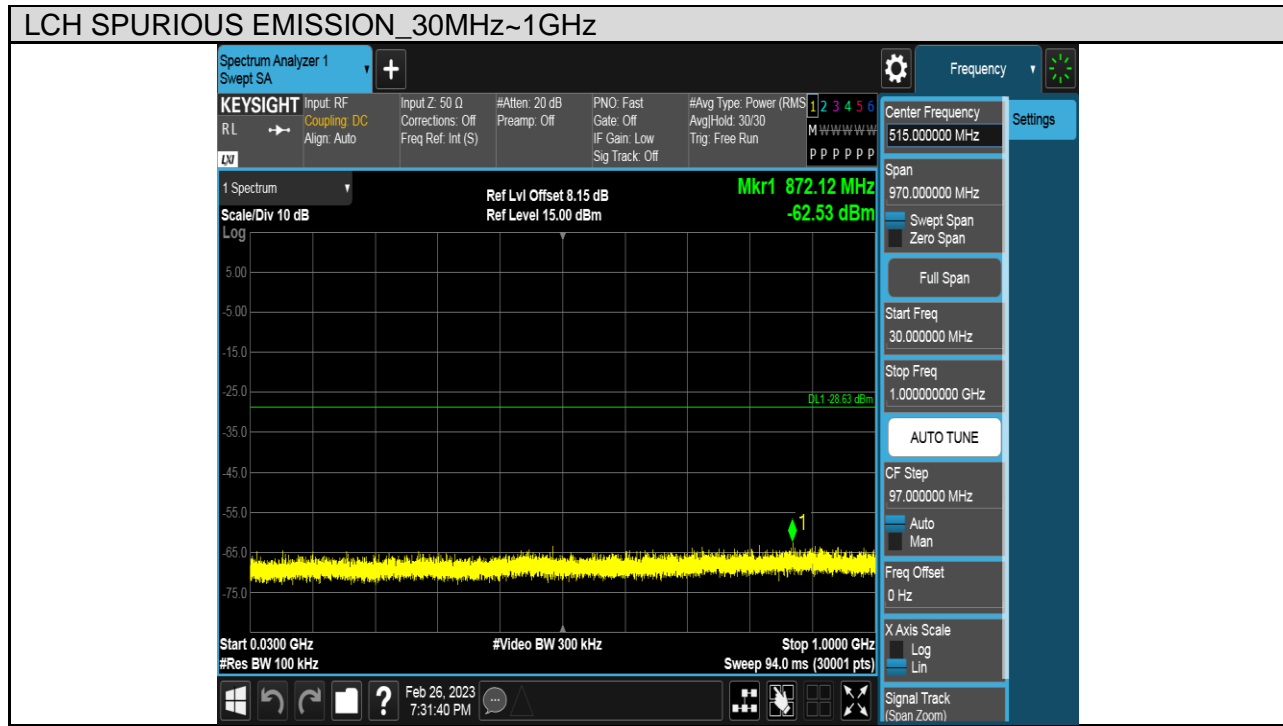
HCH SPURIOUS EMISSION_30MHz~1GHz



HCH SPURIOUS EMISSION_1GHz~26.5GHz

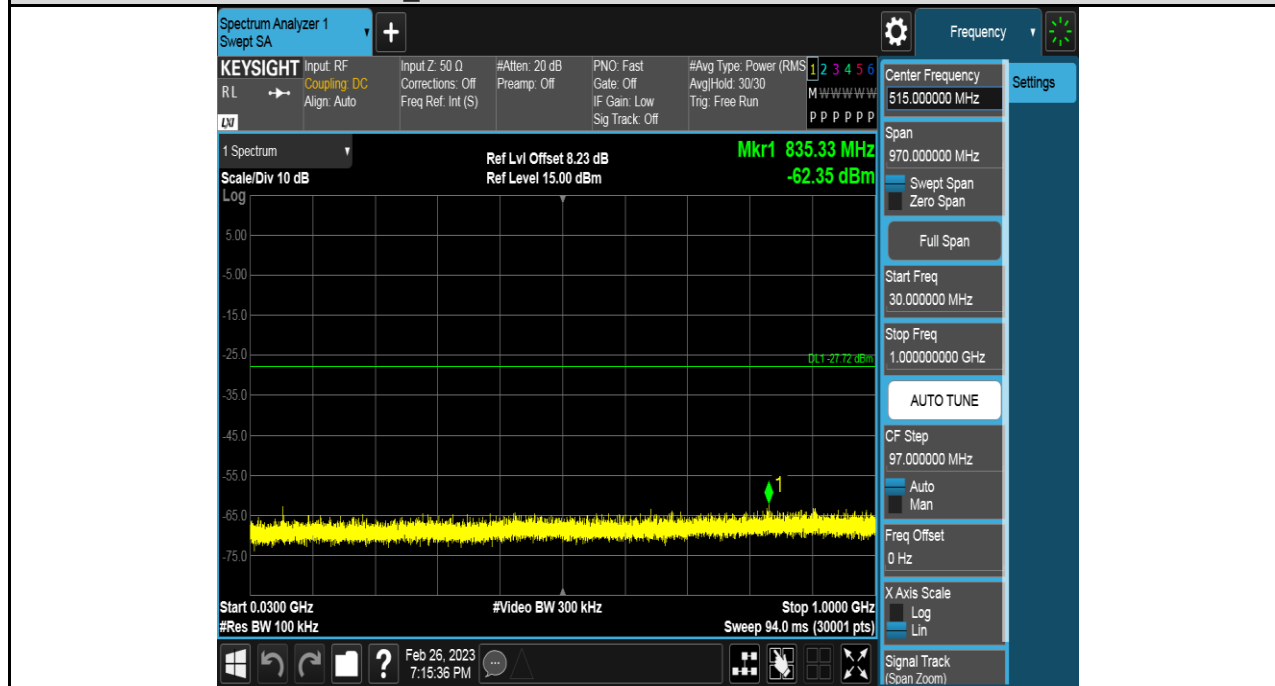


Test Mode	Channel	Verdict
11N HT20	LCH	PASS



Test Mode	Channel	Verdict
11N HT20	MCH	PASS

MCH SPURIOUS EMISSION_30MHz~1GHz

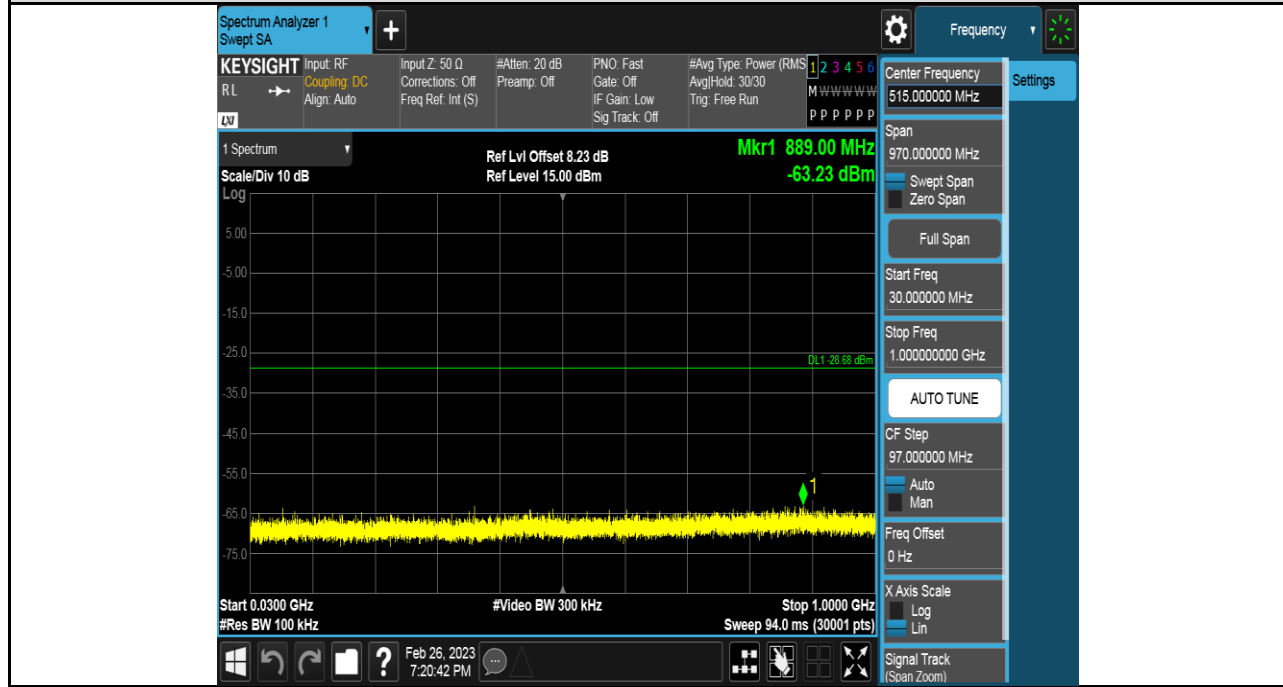


MCH SPURIOUS EMISSION_1GHz~26.5GHz

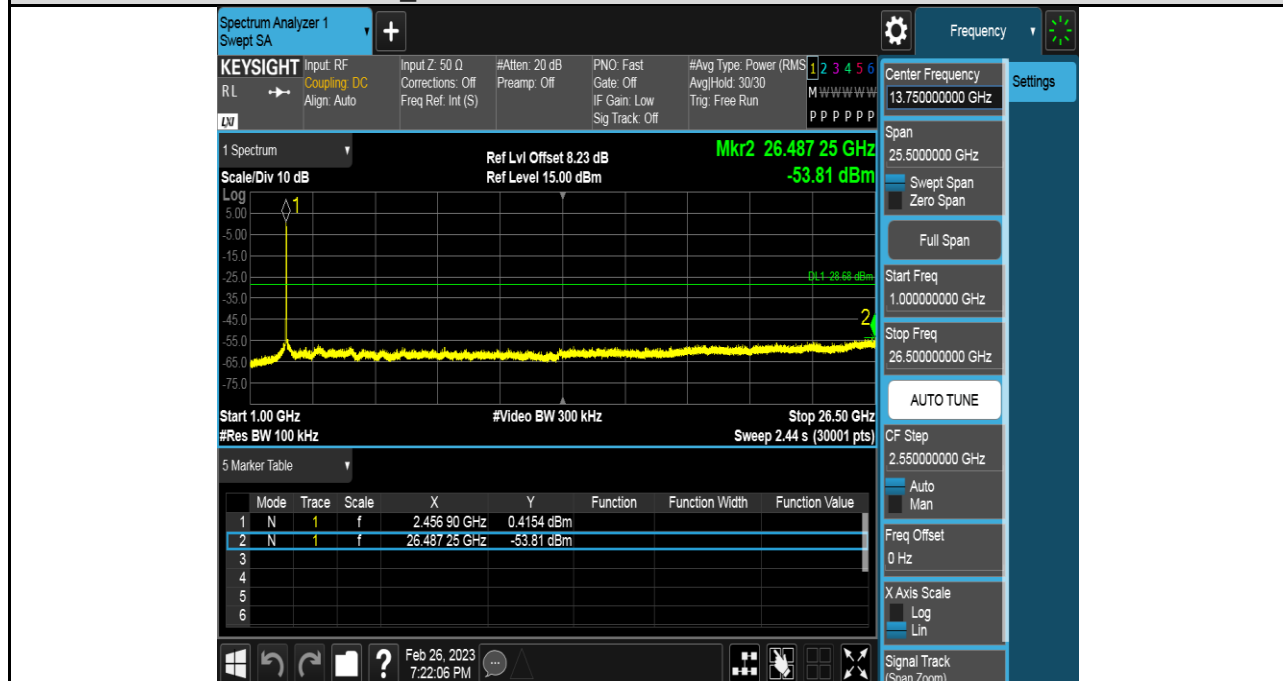


Test Mode	Channel	Verdict
11N HT20	HCH	PASS

HCH SPURIOUS EMISSION_30MHz~1GHz



HCH SPURIOUS EMISSION_1GHz~26.5GHz



8. RADIATED TEST RESULTS

8.1. LIMITS AND PROCEDURE

LIMITS

Please refer to FCC §15.205 and §15.209, ISED RSS-247 Clause 5.5, ISED RSS-GEN Clause 8.9&6.13 (Transmitter)

Radiation Disturbance Test Limit for ISED (9kHz-1GHz)

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

Table 5 – General field strength limits at frequencies above 30 MHz	
Frequency (MHz)	Field strength ($\mu\text{V}/\text{m}$ at 3 m)
30 – 88	100
88 – 216	150
216 – 960	200
Above 960	500

Table 6 – General field strength limits at frequencies below 30 MHz		
Frequency	Magnetic field strength (H-Field) ($\mu\text{A}/\text{m}$)	Measurement distance (m)
9 - 490 kHz ^{Note 1}	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

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

Please refer to FCC KDB 558074

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

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

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

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

Radiation Disturbance Test Limit for FCC (Above 1G)

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

Restricted bands of operation

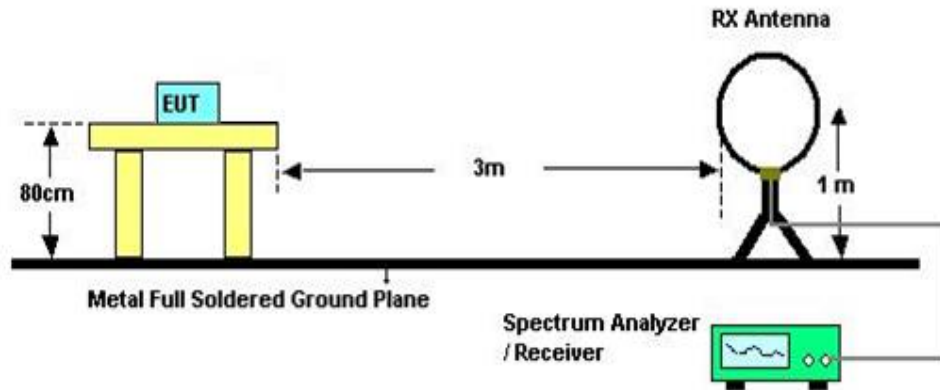
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218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

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

²Above 38.6c

TEST SETUP AND PROCEDURE

Below 30MHz

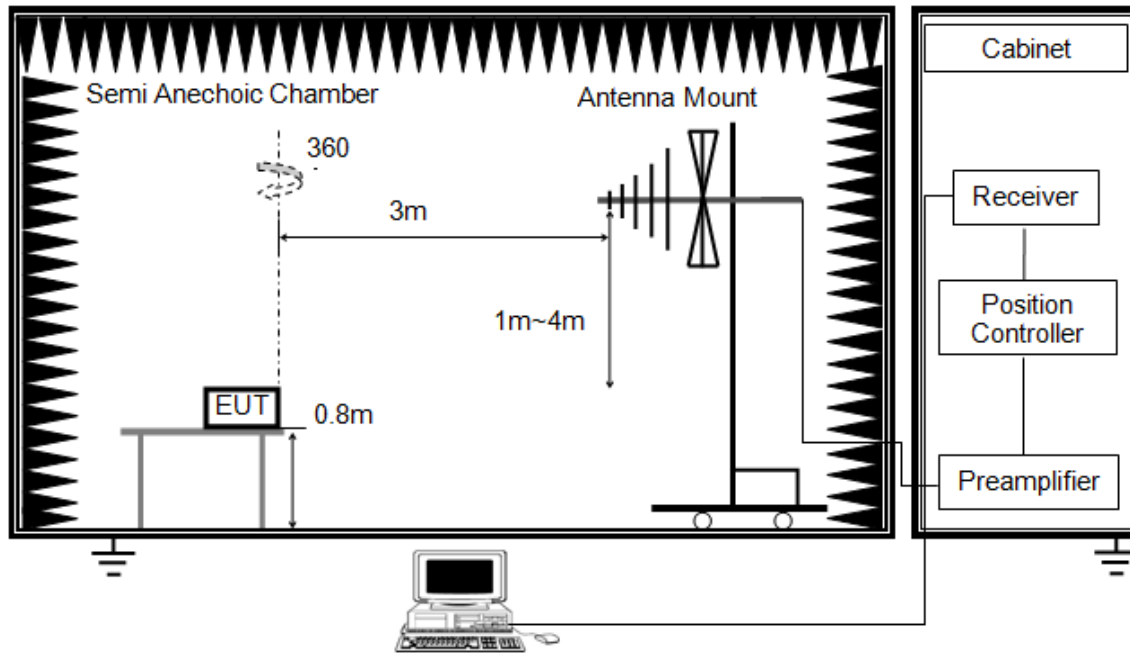


The setting of the spectrum analyser

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

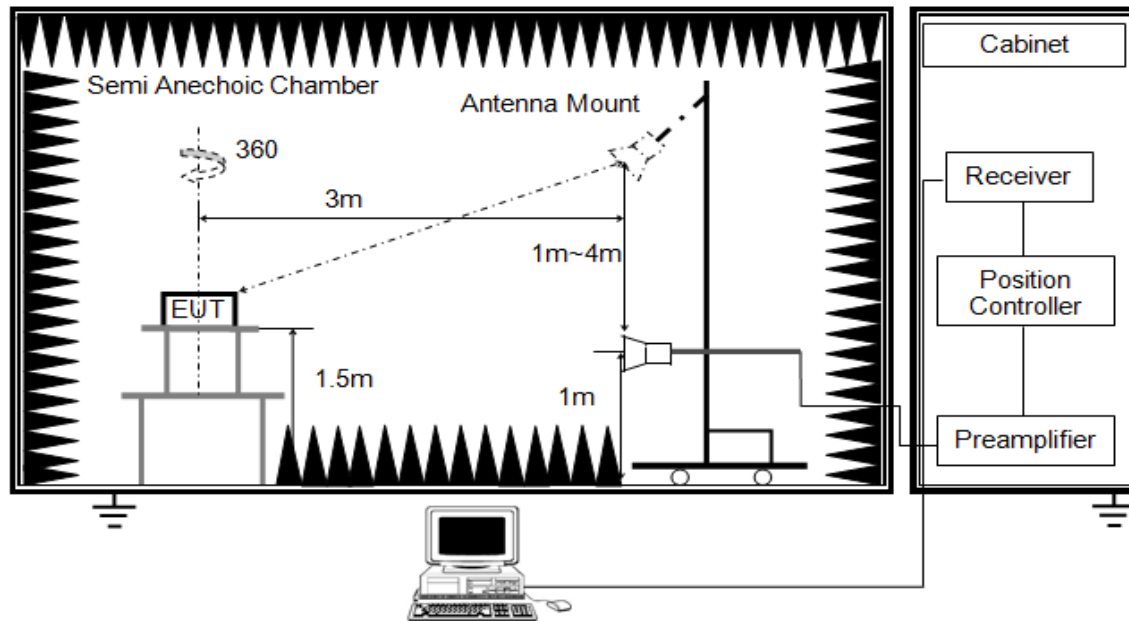


The setting of the spectrum analyser

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

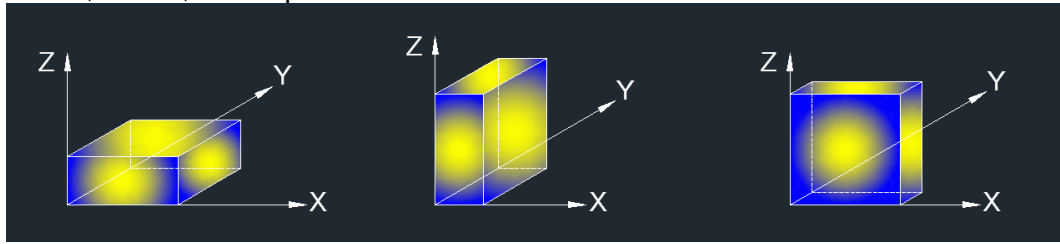


The setting of the spectrum analyser

RBW	1M
VBW	PEAK:3M AVG: See note6
Sweep	Auto
Detector	Peak
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 $\geq 1/T$ but not less than the setting list in section 7.1 when use peak detector, max hold to be run for at least $[50 \cdot (1/\text{Duty Cycle})]$ traces for average measurements. For the Duty Cycle need to refer the results in section 7.1.
7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

X axis, Y axis, Z axis positions:



Note: For all radiated test, EUT in one orthogonal axis (X axis) emissions had been tested and recorded in the report.

8.2. TEST ENVIRONMENT

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

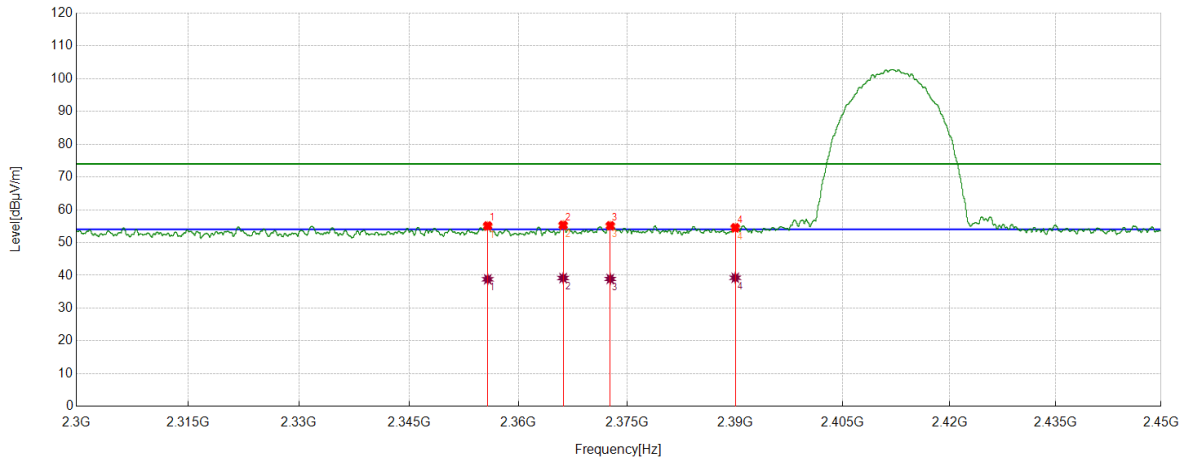
8.3. RESTRICTED BANDEDGE

TEST RESULT TABLE

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

TEST GRAPHS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

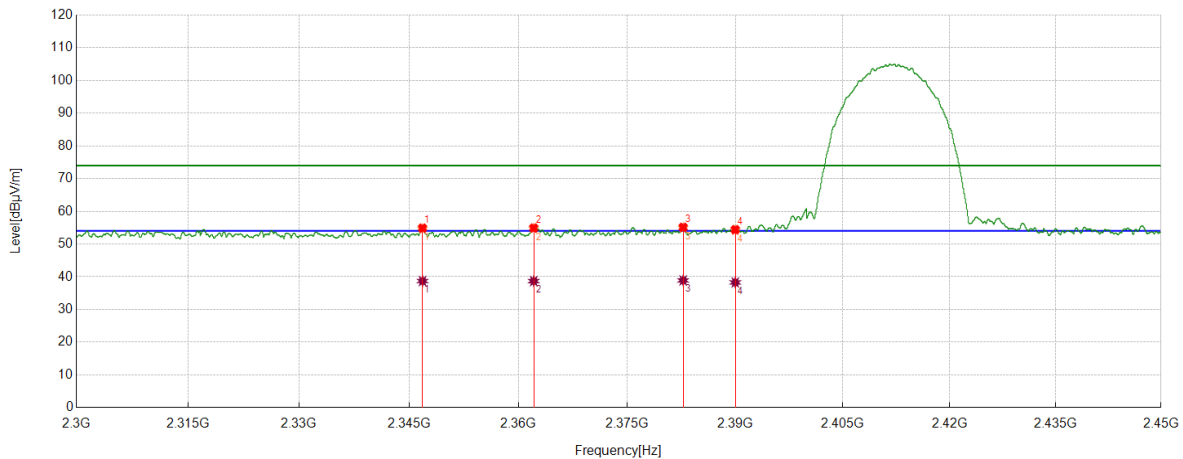
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2355.7882	45.18	9.91	55.09	74.00	-18.91	Horizontal
2	2366.1583	45.27	10.04	55.31	74.00	-18.69	Horizontal
3	2372.6653	44.98	10.16	55.14	74.00	-18.86	Horizontal
4	2390.0000	44.17	10.35	54.52	74.00	-19.48	Horizontal

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2355.7882	28.89	9.91	38.80	54.00	-15.20	Horizontal
2	2366.1583	29.14	10.04	39.18	54.00	-14.82	Horizontal
3	2372.6653	28.74	10.16	38.90	54.00	-15.10	Horizontal
4	2390.0000	28.91	10.35	39.26	54.00	-14.74	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,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2346.8621	44.99	9.88	54.87	74.00	-19.13	Vertical
2	2362.1078	44.94	9.95	54.89	74.00	-19.11	Vertical
3	2382.7541	44.81	10.31	55.12	74.00	-18.88	Vertical
4	2390.0000	44.06	10.35	54.41	74.00	-19.59	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2346.8621	28.82	9.88	38.70	54.00	-15.30	Vertical
2	2362.1078	28.73	9.95	38.68	54.00	-15.32	Vertical
3	2382.7541	28.58	10.31	38.89	54.00	-15.11	Vertical
4	2390.0000	27.92	10.35	38.27	54.00	-15.73	Vertical

Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.

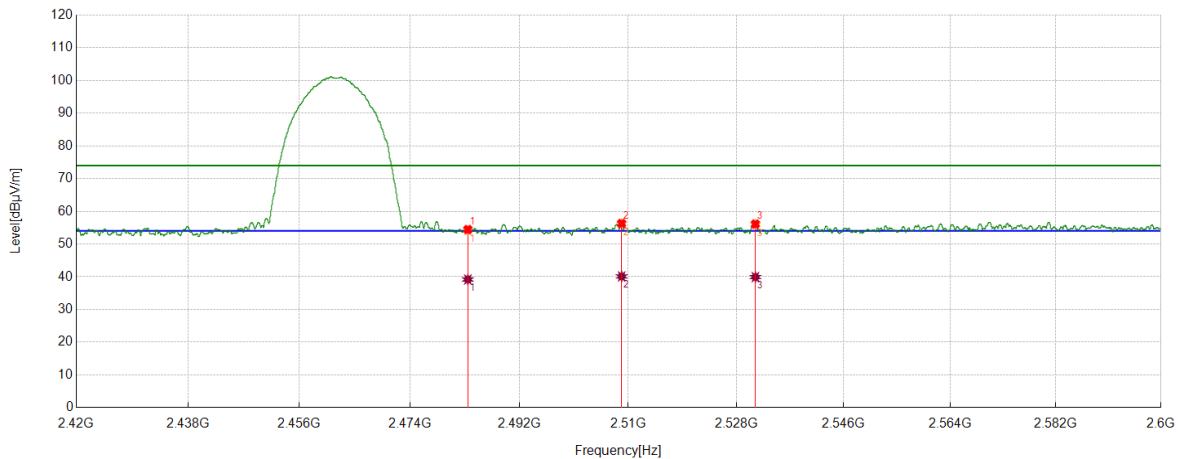
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).

3. Measurement = Reading Level + Correct Factor,

Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.

4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



PK Result:

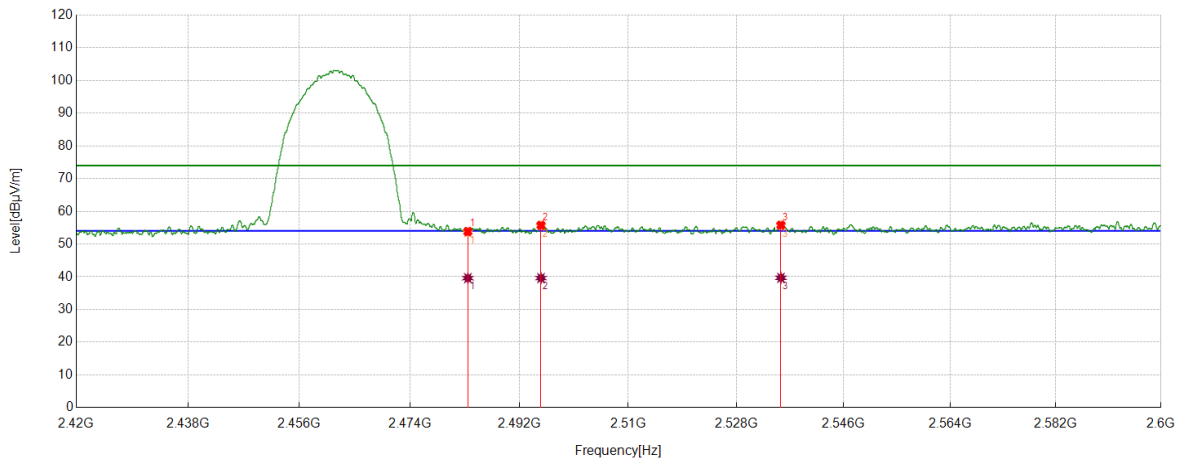
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	43.81	10.64	54.45	74.00	-19.55	Horizontal
2	2508.8861	45.24	11.06	56.30	74.00	-17.70	Horizontal
3	2531.1864	44.80	11.33	56.13	74.00	-17.87	Horizontal

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	28.53	10.64	39.17	54.00	-14.83	Horizontal
2	2508.8861	29.05	11.06	40.11	54.00	-13.89	Horizontal
3	2531.1864	28.58	11.33	39.91	54.00	-14.09	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,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



PK Result:

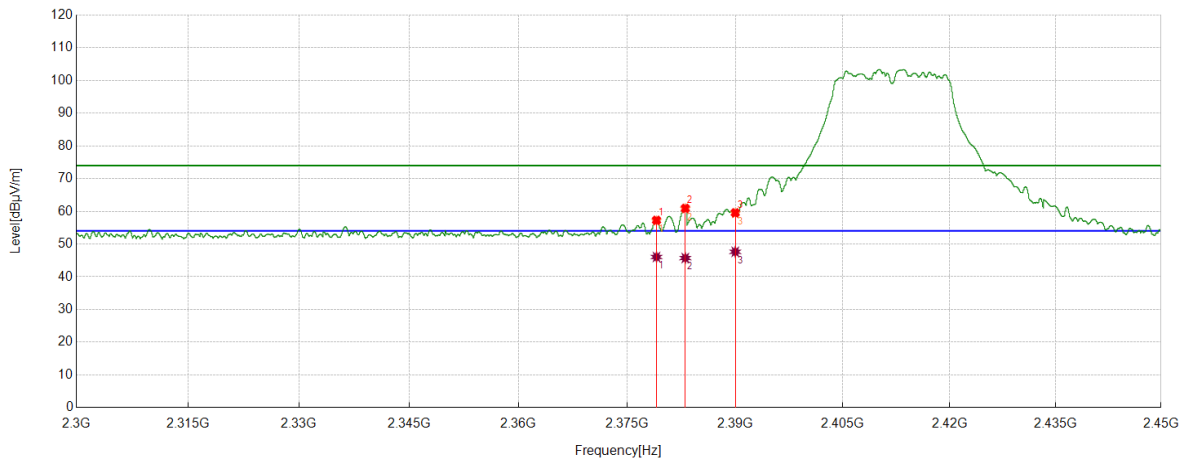
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	43.18	10.64	53.82	74.00	-20.18	Vertical
2	2495.5419	44.99	10.75	55.74	74.00	-18.26	Vertical
3	2535.4619	44.47	11.31	55.78	74.00	-18.22	Vertical

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	28.94	10.64	39.58	54.00	-14.42	Vertical
2	2495.5419	28.85	10.75	39.60	54.00	-14.40	Vertical
3	2535.4619	28.37	11.31	39.68	54.00	-14.32	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,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2379.0599	46.99	10.28	57.27	74.00	-16.73	Horizontal
2	2383.0541	50.60	10.31	60.91	74.00	-13.09	Horizontal
3	2390.0000	49.21	10.35	59.56	74.00	-14.44	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2379.0599	35.77	10.28	46.05	54.00	-7.95	Horizontal
2	2383.0541	35.42	10.31	45.73	54.00	-8.27	Horizontal
3	2390.0000	37.28	10.35	47.63	54.00	-6.37	Horizontal

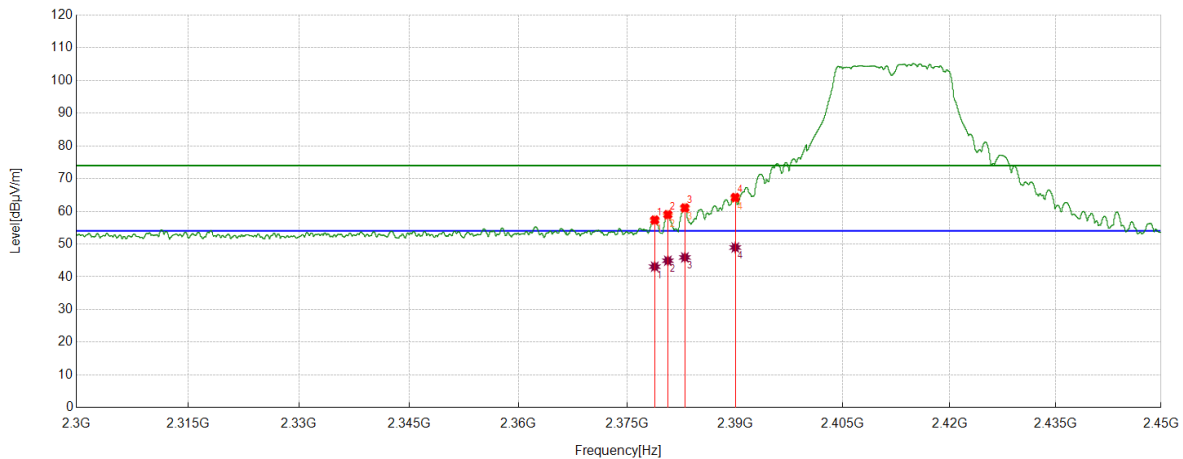
Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.

2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).

3. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.

4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

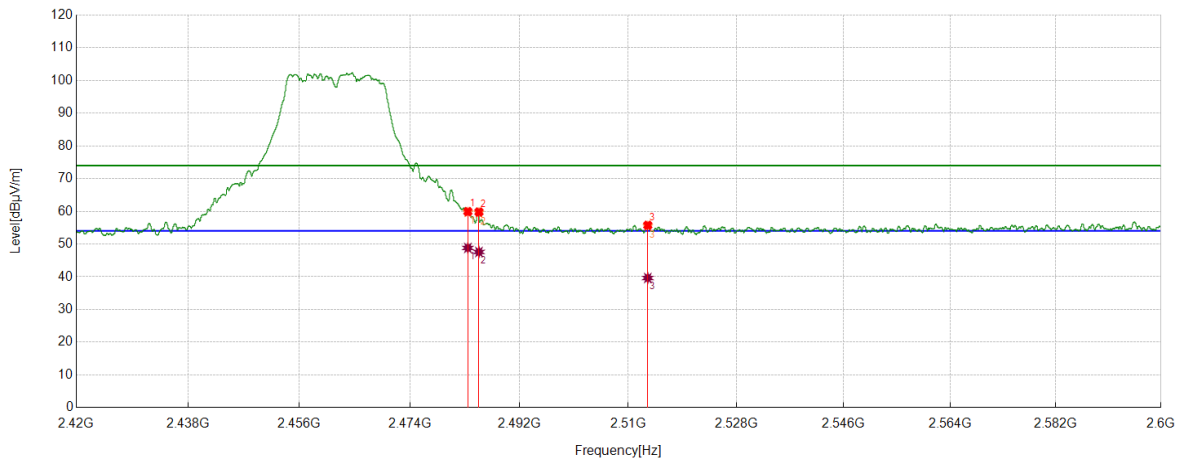
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2378.8161	47.07	10.28	57.35	74.00	-16.65	Vertical
2	2380.6351	48.72	10.30	59.02	74.00	-14.98	Vertical
3	2382.9979	50.74	10.31	61.05	74.00	-12.95	Vertical
4	2390.0000	53.89	10.35	64.24	74.00	-9.76	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2378.8161	32.81	10.28	43.09	54.00	-10.91	Vertical
2	2380.6351	34.61	10.30	44.91	54.00	-9.09	Vertical
3	2382.9979	35.61	10.31	45.92	54.00	-8.08	Vertical
4	2390.0000	38.60	10.35	48.95	54.00	-5.05	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,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	49.29	10.64	59.93	74.00	-14.07	Horizontal
2	2485.3257	49.11	10.68	59.79	74.00	-14.21	Horizontal
3	2513.2292	44.67	11.07	55.74	74.00	-18.26	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	38.18	10.64	48.82	54.00	-5.18	Horizontal
2	2485.3257	36.90	10.68	47.58	54.00	-6.42	Horizontal
3	2513.2292	28.56	11.07	39.63	54.00	-14.37	Horizontal

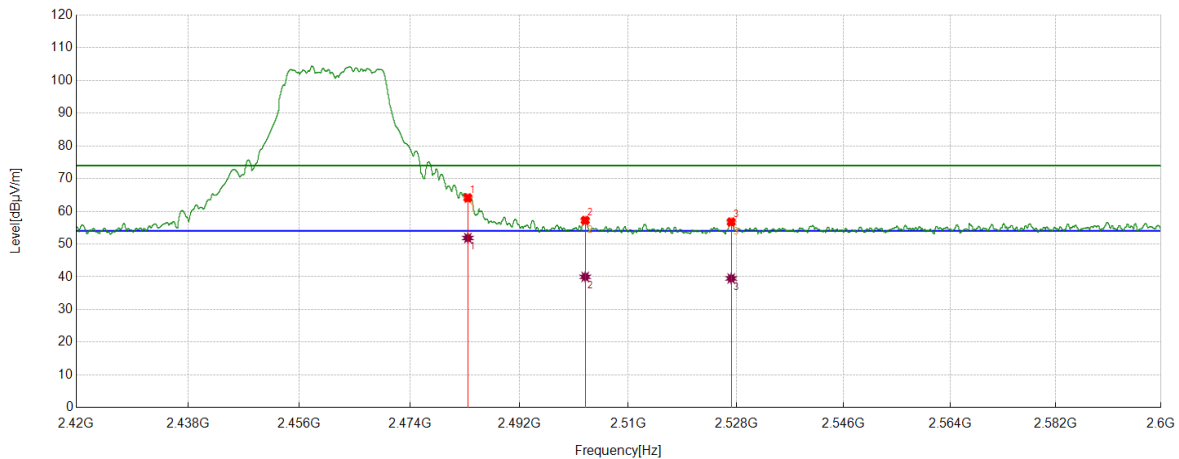
Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.

2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).

3. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.

4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

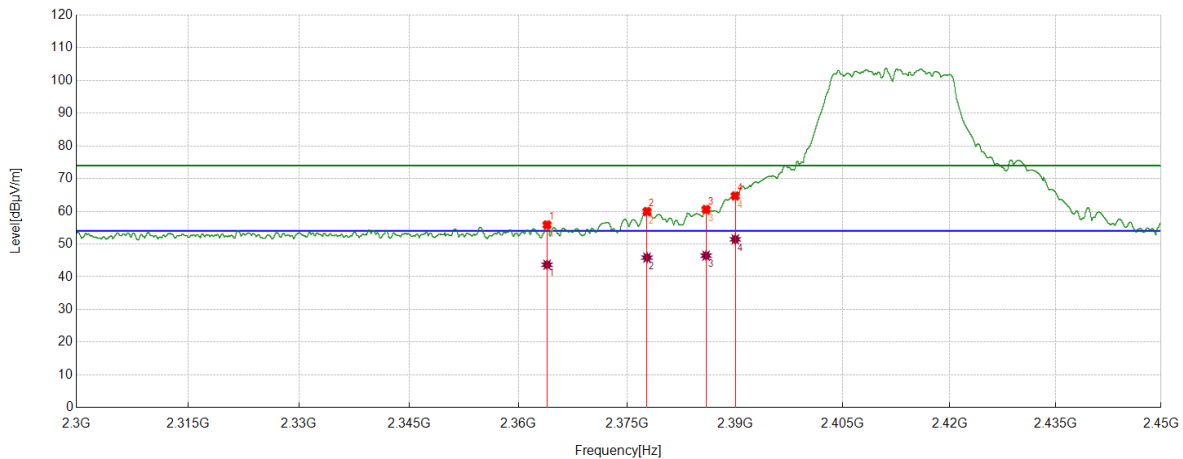
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	53.50	10.64	64.14	74.00	-9.86	Vertical
2	2502.8554	46.39	10.84	57.23	74.00	-16.77	Vertical
3	2527.1359	45.52	11.24	56.76	74.00	-17.24	Vertical

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	41.21	10.64	51.85	54.00	-2.15	Vertical
2	2502.8554	29.14	10.84	39.98	54.00	-14.02	Vertical
3	2527.1359	28.25	11.24	39.49	54.00	-14.51	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,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2363.9455	45.89	9.98	55.87	74.00	-18.13	Horizontal
2	2377.7472	49.70	10.25	59.95	74.00	-14.05	Horizontal
3	2385.942	50.25	10.33	60.58	74.00	-13.42	Horizontal
4	2390.0000	54.37	10.35	64.72	74.00	-9.28	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2363.9455	33.70	9.98	43.68	54.00	-10.32	Horizontal
2	2377.7472	35.60	10.25	45.85	54.00	-8.15	Horizontal
3	2385.942	36.13	10.33	46.46	54.00	-7.54	Horizontal
4	2390.0000	41.09	10.35	51.44	54.00	-2.56	Horizontal

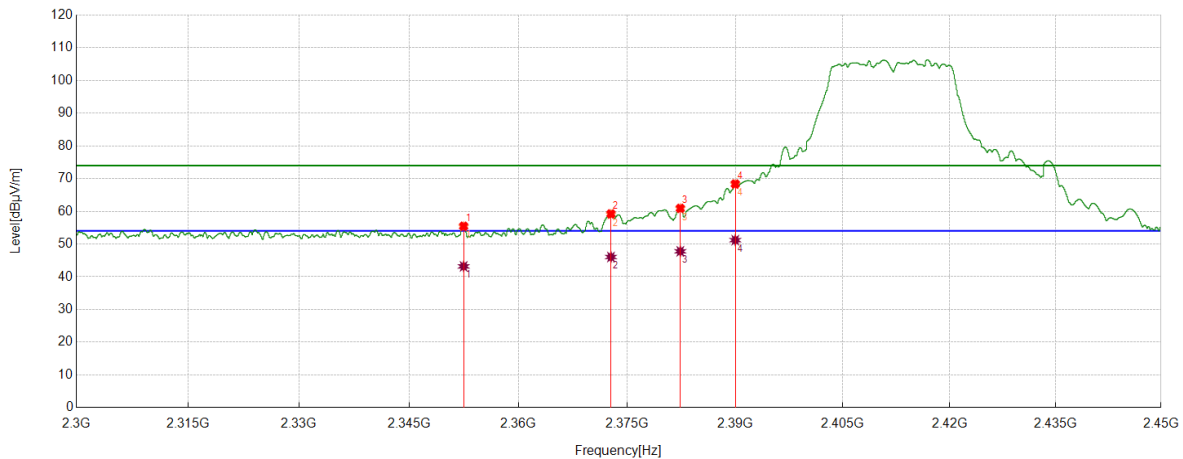
Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.

2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).

3. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.

4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



PK Result:

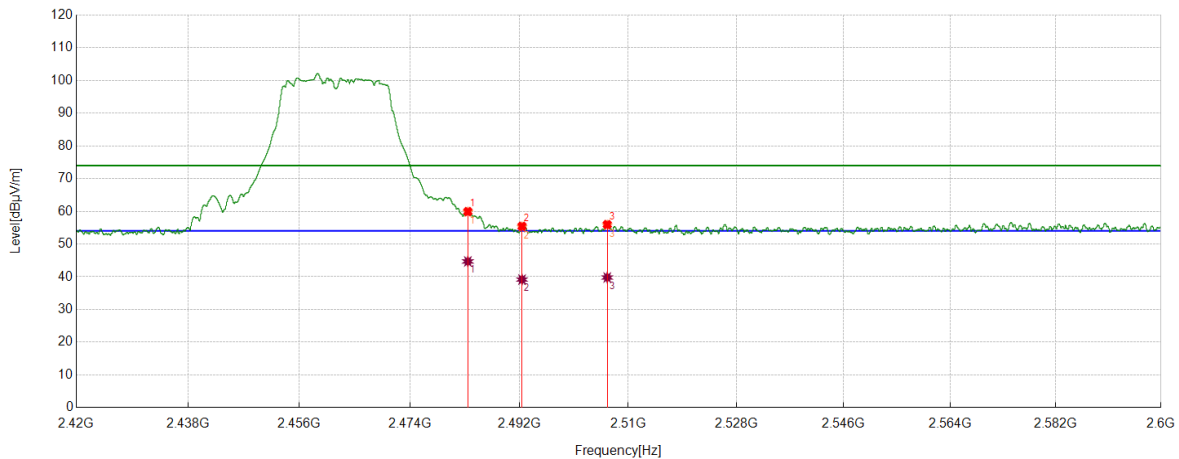
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2352.4878	45.54	9.91	55.45	74.00	-18.55	Vertical
2	2372.7591	49.05	10.17	59.22	74.00	-14.78	Vertical
3	2382.3603	50.60	10.32	60.92	74.00	-13.08	Vertical
4	2390.0000	58.01	10.35	68.36	74.00	-5.64	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2352.4878	33.27	9.91	43.18	54.00	-10.82	Vertical
2	2372.7591	34.87	10.17	46.04	54.00	-8.96	Vertical
3	2382.3603	37.46	10.32	47.78	54.00	-6.22	Vertical
4	2390.0000	40.85	10.35	51.20	54.00	-2.80	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,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



PK Result:

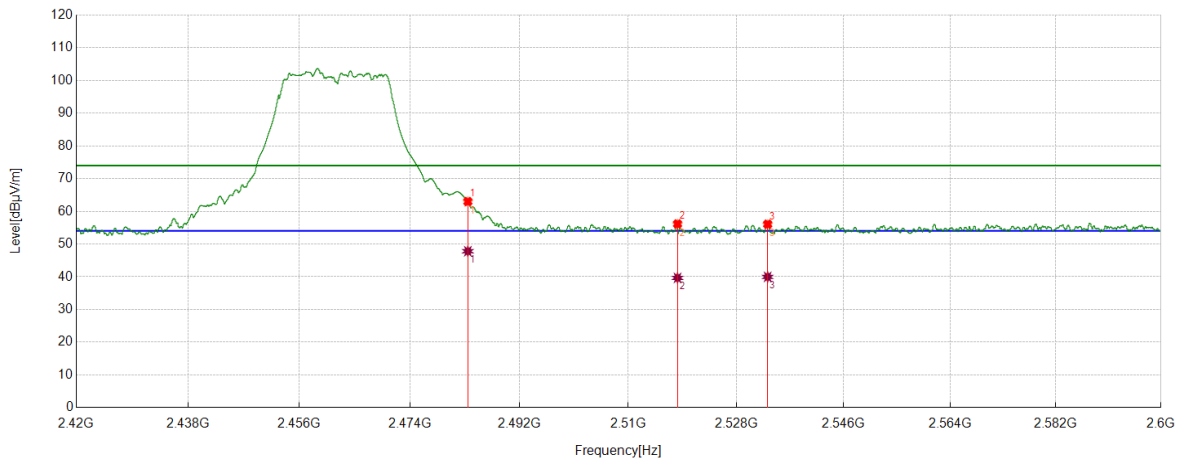
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	49.29	10.64	59.93	74.00	-14.07	Horizontal
2	2492.4141	44.66	10.77	55.43	74.00	-18.57	Horizontal
3	2506.5008	45.00	10.97	55.97	74.00	-18.03	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	34.05	10.64	44.69	54.00	-9.31	Horizontal
2	2492.4141	28.38	10.77	39.15	54.00	-14.85	Horizontal
3	2506.5008	28.81	10.97	39.78	54.00	-14.22	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,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	52.36	10.64	63.00	74.00	-11.00	Vertical
2	2518.1798	45.14	11.02	56.16	74.00	-17.84	Vertical
3	2533.2342	44.75	11.33	56.08	74.00	-17.92	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	37.17	10.64	47.81	54.00	-6.19	Vertical
2	2518.1798	28.64	11.02	39.66	54.00	-14.34	Vertical
3	2533.2342	28.64	11.33	39.97	54.00	-14.03	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,
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

8.4. 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	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

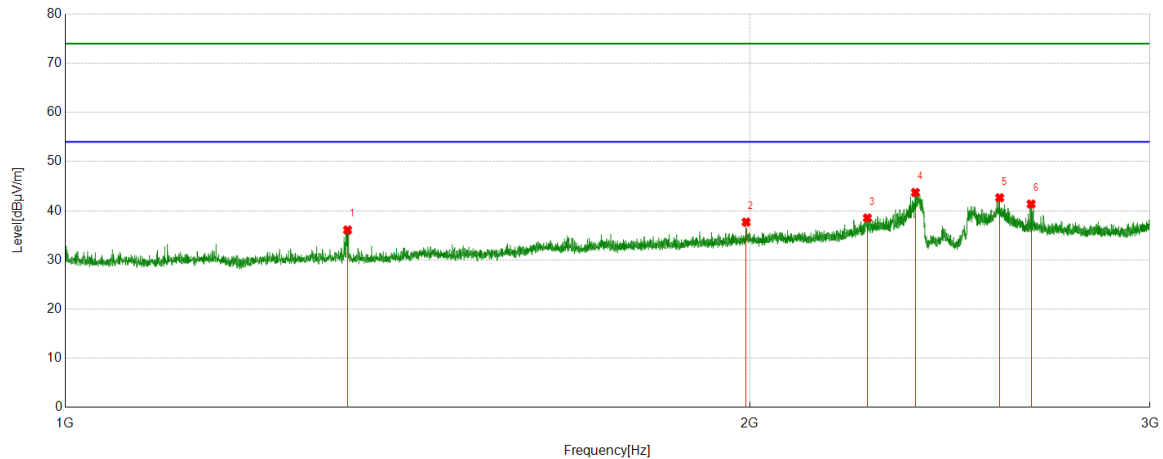
Remark:

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.

Part 1: 1GHz~3GHz

HARMONICS AND SPURIOUS EMISSIONS

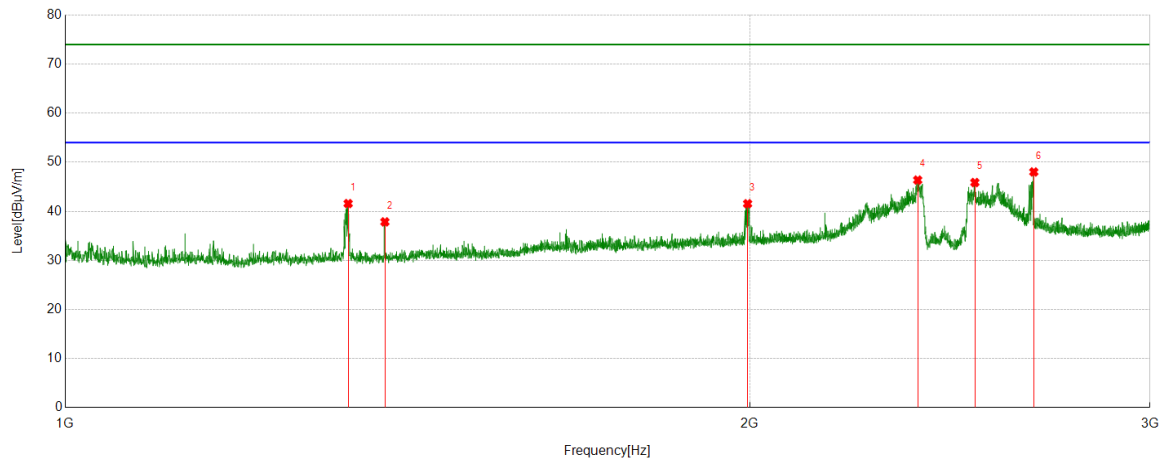
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1331.0414	56.67	-20.59	36.08	74.00	-37.92	Horizontal
2	1992.8741	54.02	-16.33	37.69	74.00	-36.31	Horizontal
3	2253.4067	53.55	-15.03	38.52	74.00	-35.48	Horizontal
4	2365.6707	58.30	-14.58	43.72	74.00	-30.28	Horizontal
5	2576.4471	56.12	-13.48	42.64	74.00	-31.36	Horizontal
6	2659.7075	54.59	-13.23	41.36	74.00	-32.64	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

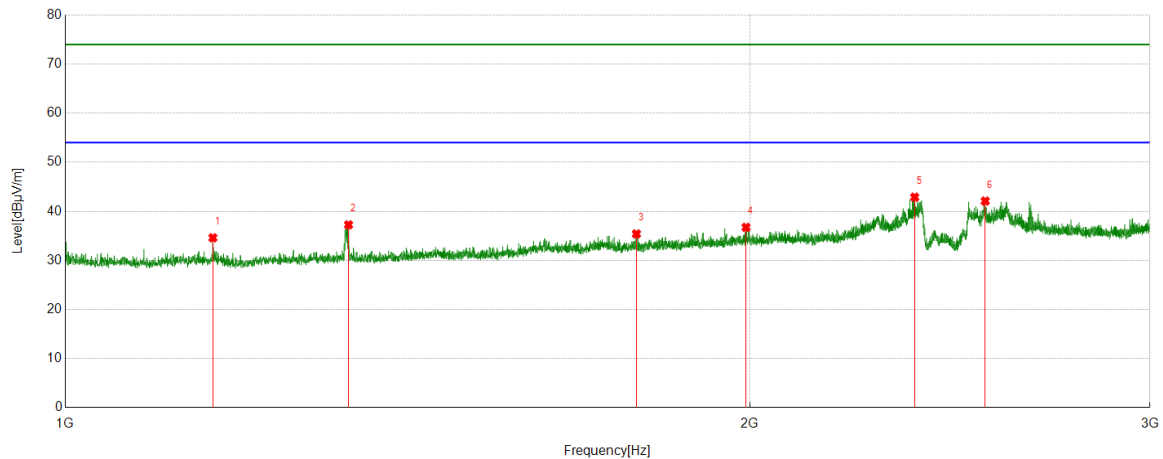
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1331.7915	62.17	-20.59	41.58	74.00	-32.42	Vertical
2	1382.2978	58.43	-20.58	37.85	74.00	-36.15	Vertical
3	1995.8745	57.86	-16.31	41.55	74.00	-32.45	Vertical
4	2371.1714	60.77	-14.40	46.37	74.00	-27.63	Vertical
5	2512.4391	59.46	-13.59	45.87	74.00	-28.13	Vertical
6	2666.9584	61.26	-13.24	48.02	74.00	-25.98	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

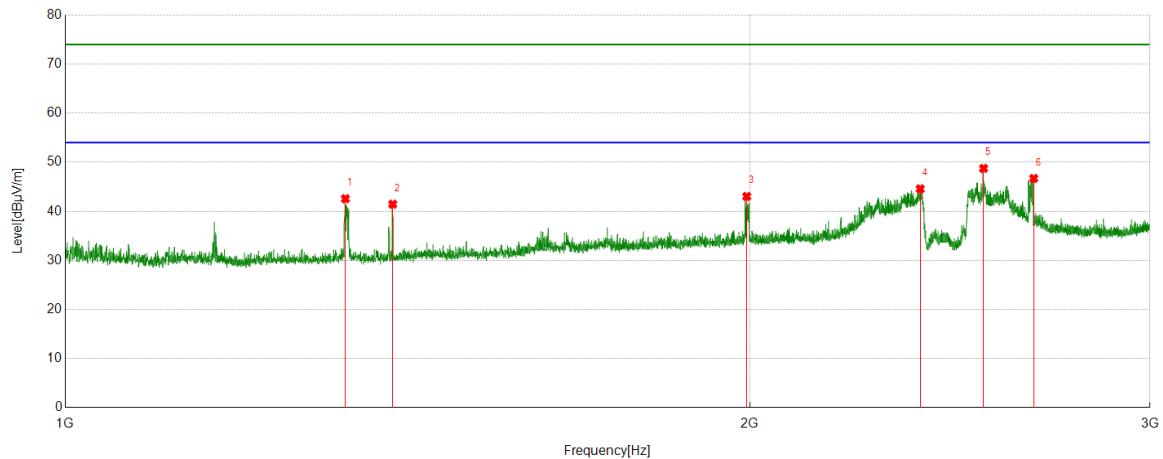
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1161.2702	56.03	-21.42	34.61	74.00	-39.39	Horizontal
2	1332.2915	57.84	-20.59	37.25	74.00	-36.75	Horizontal
3	1783.3479	53.36	-17.96	35.40	74.00	-38.60	Horizontal
4	1992.6241	53.07	-16.33	36.74	74.00	-37.26	Horizontal
5	2363.9205	57.53	-14.65	42.88	74.00	-31.12	Horizontal
6	2538.9424	55.63	-13.54	42.09	74.00	-31.91	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

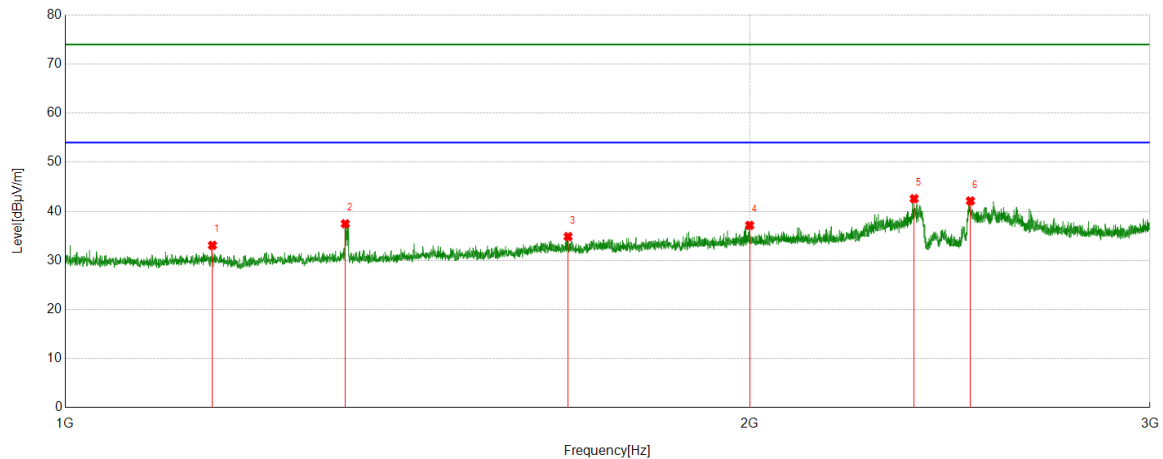
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1328.041	63.17	-20.60	42.57	74.00	-31.43	Vertical
2	1393.2992	61.99	-20.54	41.45	74.00	-32.55	Vertical
3	1994.1243	59.35	-16.32	43.03	74.00	-30.97	Vertical
4	2377.1721	58.86	-14.28	44.58	74.00	-29.42	Vertical
5	2534.6918	62.27	-13.53	48.74	74.00	-25.26	Vertical
6	2666.7083	59.94	-13.24	46.70	74.00	-27.30	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

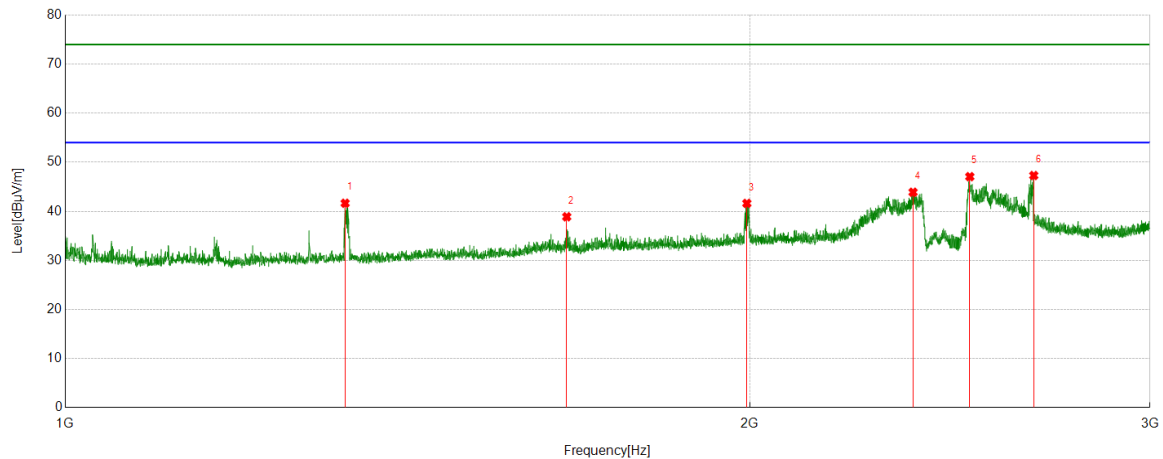
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1160.7701	54.49	-21.42	33.07	74.00	-40.93	Horizontal
2	1328.041	58.07	-20.60	37.47	74.00	-36.53	Horizontal
3	1664.083	53.10	-18.24	34.86	74.00	-39.14	Horizontal
4	2000.125	53.42	-16.28	37.14	74.00	-36.86	Horizontal
5	2362.6703	57.27	-14.70	42.57	74.00	-31.43	Horizontal
6	2501.1876	55.55	-13.43	42.12	74.00	-31.88	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

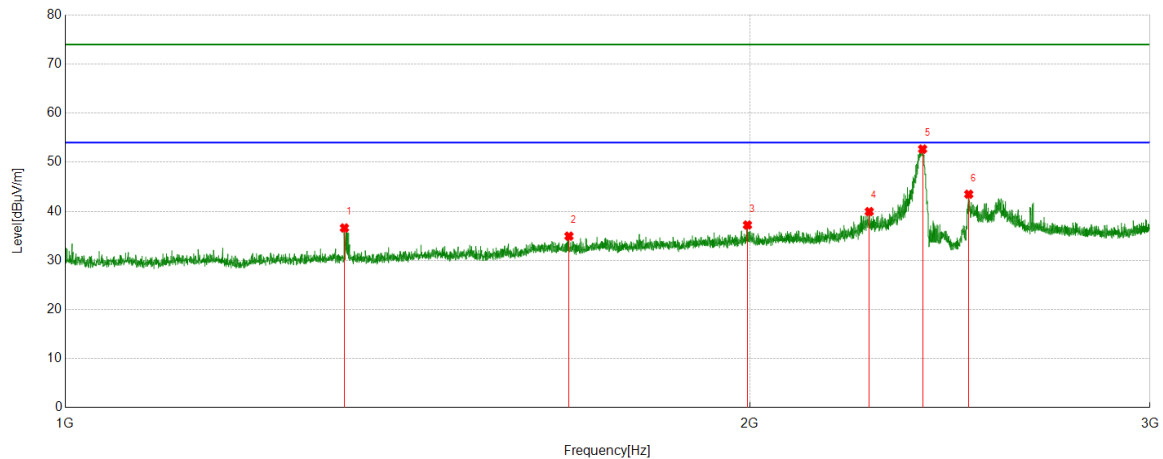
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1327.791	62.25	-20.60	41.65	74.00	-32.35	Vertical
2	1661.8327	57.18	-18.29	38.89	74.00	-35.11	Vertical
3	1994.3743	57.94	-16.32	41.62	74.00	-32.38	Vertical
4	2359.92	58.68	-14.79	43.89	74.00	-30.11	Vertical
5	2499.6875	60.48	-13.42	47.06	74.00	-26.94	Vertical
6	2666.9584	60.54	-13.24	47.30	74.00	-26.70	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

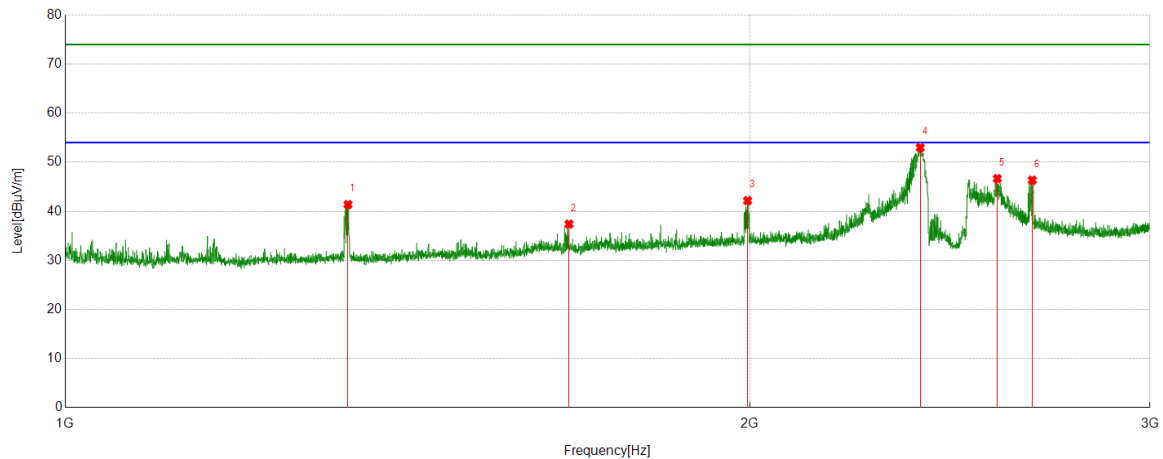
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1326.7908	57.23	-20.62	36.61	74.00	-37.39	Horizontal
2	1665.5832	53.15	-18.21	34.94	74.00	-39.06	Horizontal
3	1995.6245	53.52	-16.31	37.21	74.00	-36.79	Horizontal
4	2257.6572	55.09	-15.14	39.95	74.00	-34.05	Horizontal
5	2382.9229	66.91	-14.23	52.68	74.00	-21.32	Horizontal
6	2496.9371	56.92	-13.44	43.48	74.00	-30.52	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

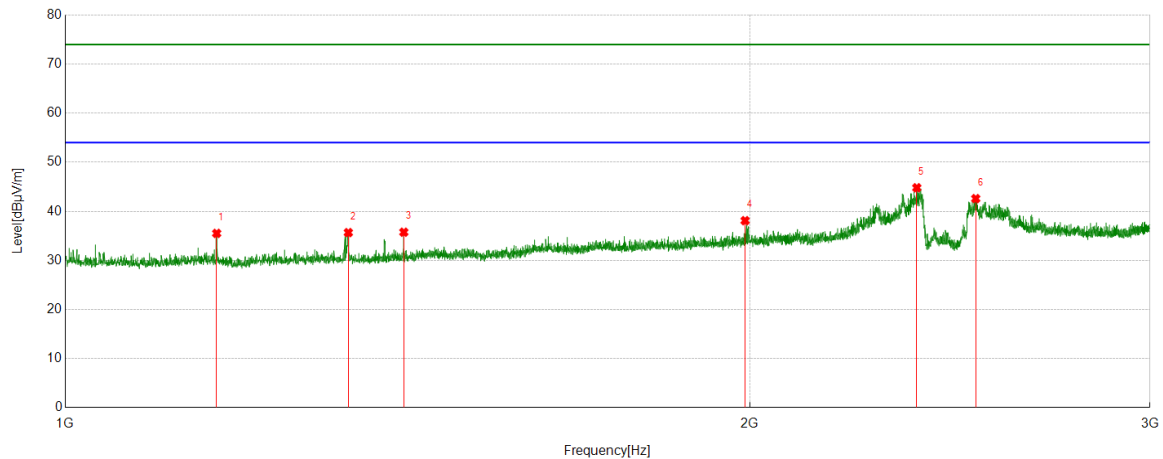
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1331.5414	61.97	-20.59	41.38	74.00	-32.62	Vertical
2	1665.5832	55.61	-18.21	37.40	74.00	-36.60	Vertical
3	1995.8745	58.49	-16.31	42.18	74.00	-31.82	Vertical
4	2377.1721	67.26	-14.28	52.98	74.00	-21.02	Vertical
5	2570.1963	60.12	-13.46	46.66	74.00	-27.34	Vertical
6	2662.9579	59.59	-13.24	46.35	74.00	-27.65	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

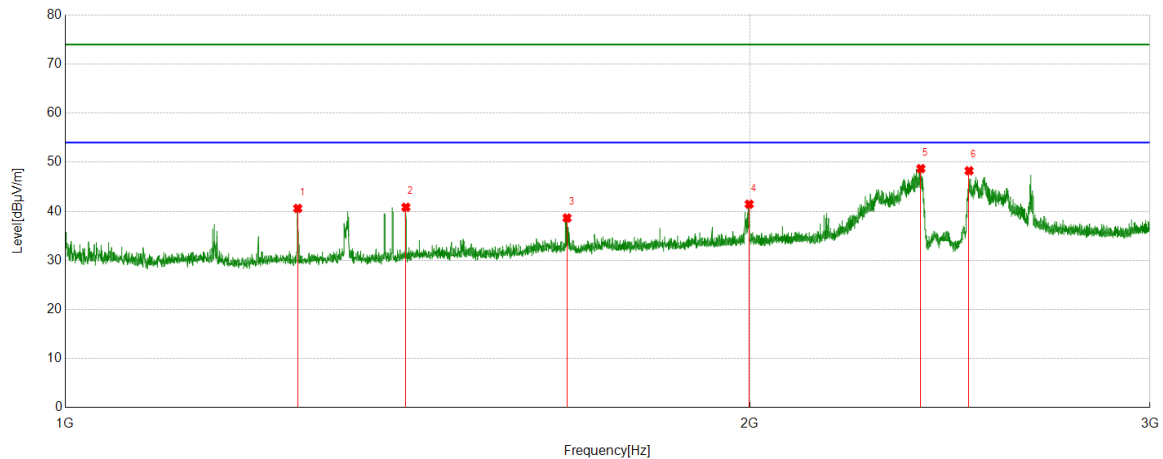
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1165.7707	56.98	-21.47	35.51	74.00	-38.49	Horizontal
2	1332.0415	56.26	-20.59	35.67	74.00	-38.33	Horizontal
3	1409.0511	55.94	-20.19	35.75	74.00	-38.25	Horizontal
4	1990.8739	54.44	-16.34	38.10	74.00	-35.90	Horizontal
5	2368.9211	59.27	-14.47	44.80	74.00	-29.20	Horizontal
6	2514.6893	56.23	-13.64	42.59	74.00	-31.41	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

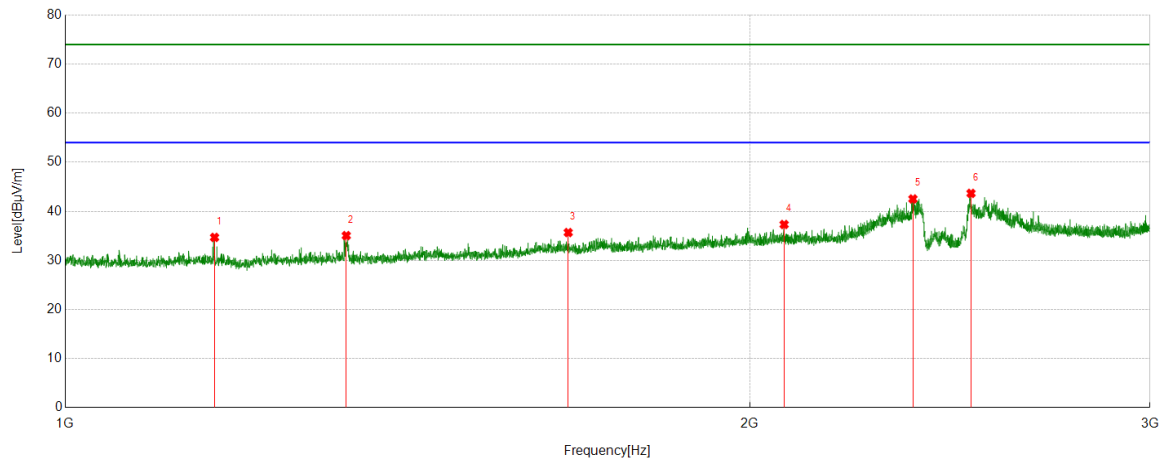
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1265.5332	61.25	-20.66	40.59	74.00	-33.41	Vertical
2	1412.0515	61.02	-20.19	40.83	74.00	-33.17	Vertical
3	1662.3328	56.93	-18.28	38.65	74.00	-35.35	Vertical
4	1999.1249	57.74	-16.29	41.45	74.00	-32.55	Vertical
5	2378.6723	62.95	-14.25	48.70	74.00	-25.30	Vertical
6	2497.6872	61.69	-13.43	48.26	74.00	-25.74	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

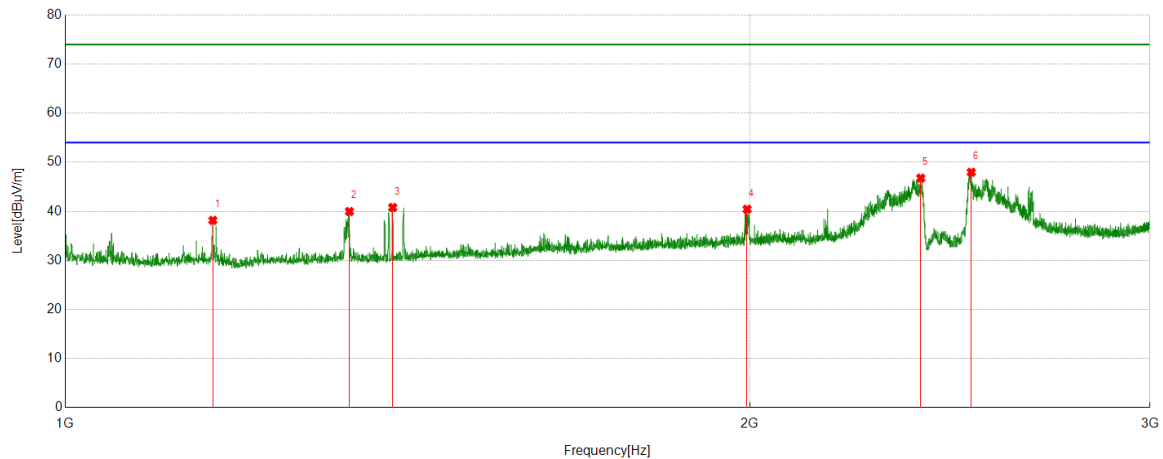
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1163.2704	56.13	-21.44	34.69	74.00	-39.31	Horizontal
2	1329.2912	55.64	-20.59	35.05	74.00	-38.95	Horizontal
3	1664.333	53.91	-18.23	35.68	74.00	-38.32	Horizontal
4	2071.1339	53.30	-15.98	37.32	74.00	-36.68	Horizontal
5	2359.67	57.31	-14.79	42.52	74.00	-31.48	Horizontal
6	2502.6878	57.10	-13.44	43.66	74.00	-30.34	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

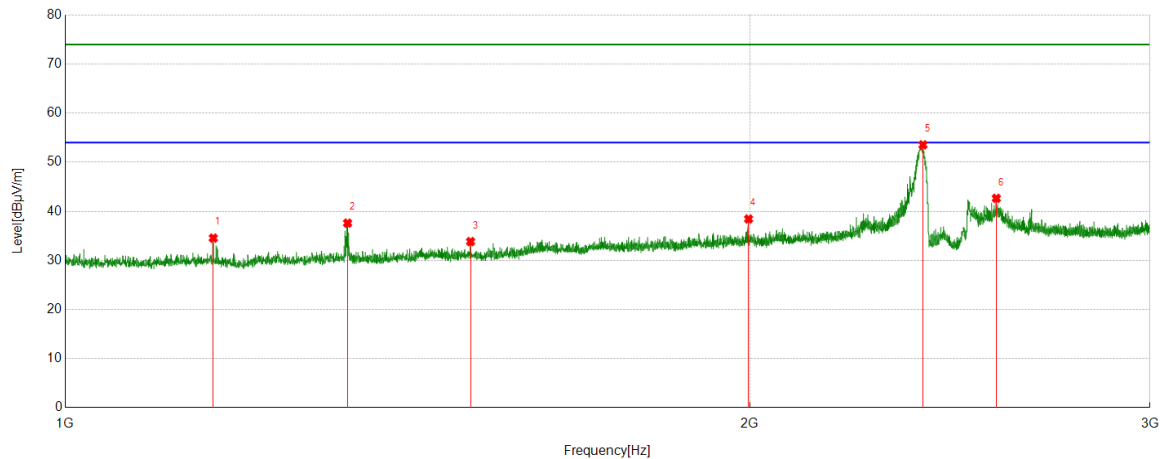
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1161.2702	59.58	-21.42	38.16	74.00	-35.84	Vertical
2	1333.5417	60.56	-20.59	39.97	74.00	-34.03	Vertical
3	1393.2992	61.33	-20.54	40.79	74.00	-33.21	Vertical
4	1994.8744	56.73	-16.31	40.42	74.00	-33.58	Vertical
5	2378.4223	61.03	-14.26	46.77	74.00	-27.23	Vertical
6	2503.4379	61.41	-13.45	47.96	74.00	-26.04	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

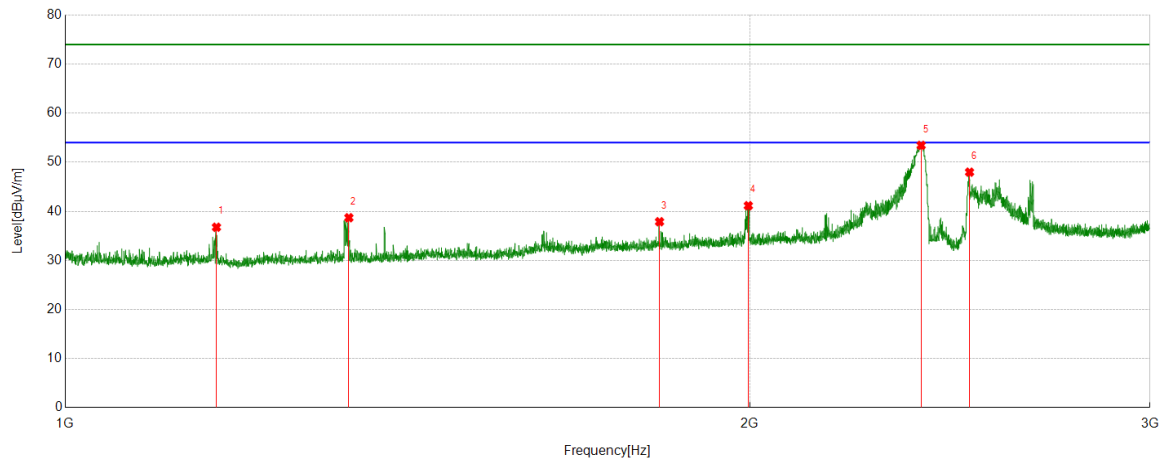
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1161.7702	55.97	-21.42	34.55	74.00	-39.45	Horizontal
2	1331.0414	58.19	-20.59	37.60	74.00	-36.40	Horizontal
3	1507.5634	53.45	-19.61	33.84	74.00	-40.16	Horizontal
4	1997.8747	54.73	-16.29	38.44	74.00	-35.56	Horizontal
5	2383.923	67.78	-14.23	53.55	74.00	-20.45	Horizontal
6	2567.696	56.18	-13.53	42.65	74.00	-31.35	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

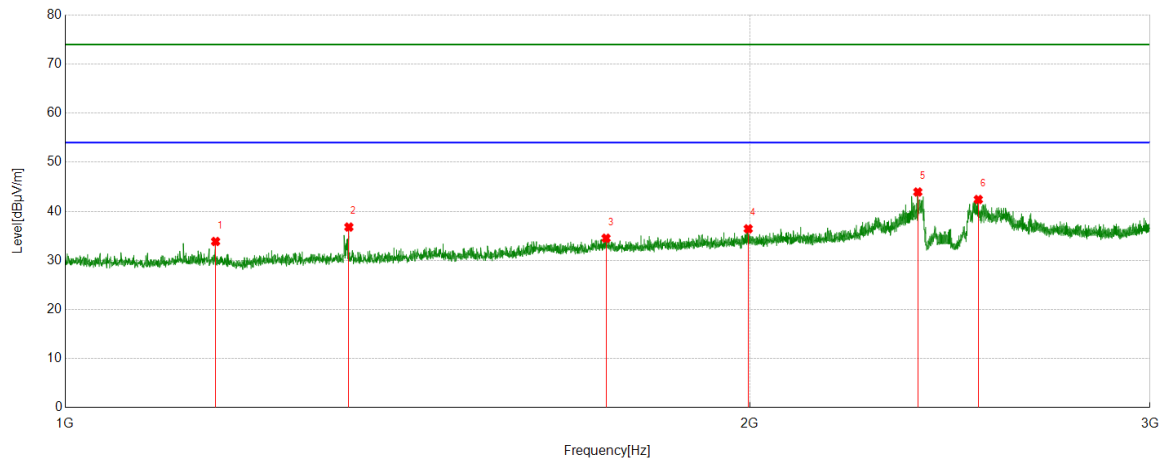
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1165.5207	58.22	-21.46	36.76	74.00	-37.24	Vertical
2	1332.7916	59.29	-20.59	38.70	74.00	-35.30	Vertical
3	1825.6032	55.25	-17.37	37.88	74.00	-36.12	Vertical
4	1997.3747	57.45	-16.30	41.15	74.00	-32.85	Vertical
5	2379.4224	67.67	-14.23	53.44	74.00	-20.56	Vertical
6	2498.9374	61.41	-13.43	47.98	74.00	-26.02	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

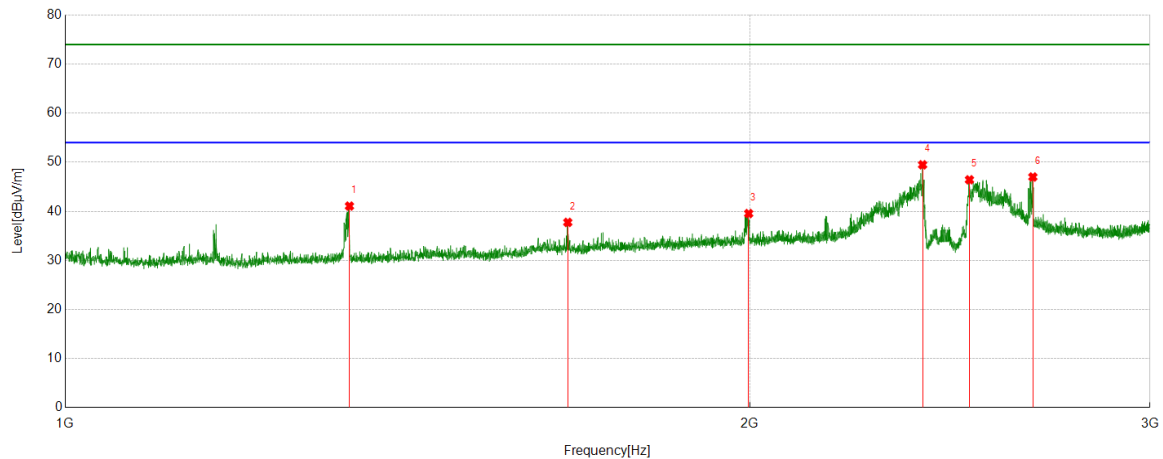
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1164.5206	55.31	-21.45	33.86	74.00	-40.14	Horizontal
2	1332.7916	57.38	-20.59	36.79	74.00	-37.21	Horizontal
3	1729.3412	52.46	-17.94	34.52	74.00	-39.48	Horizontal
4	1997.1246	52.74	-16.30	36.44	74.00	-37.56	Horizontal
5	2371.4214	58.34	-14.40	43.94	74.00	-30.06	Horizontal
6	2521.1901	56.15	-13.74	42.41	74.00	-31.59	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

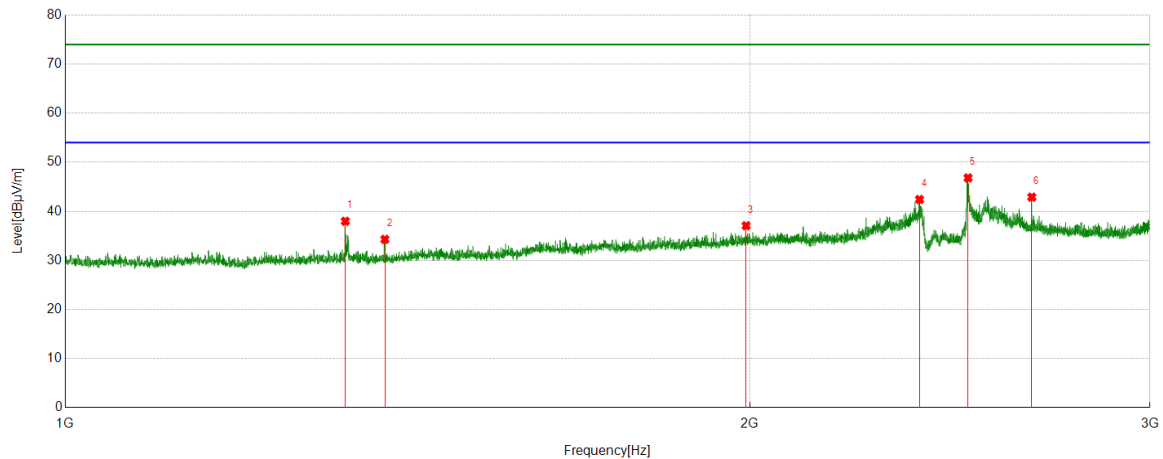
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1333.5417	61.66	-20.59	41.07	74.00	-32.93	Vertical
2	1663.5829	56.00	-18.25	37.75	74.00	-36.25	Vertical
3	1998.1248	55.84	-16.29	39.55	74.00	-34.45	Vertical
4	2382.9229	63.71	-14.23	49.48	74.00	-24.52	Vertical
5	2498.6873	59.86	-13.43	46.43	74.00	-27.57	Vertical
6	2664.4581	60.24	-13.24	47.00	74.00	-27.00	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

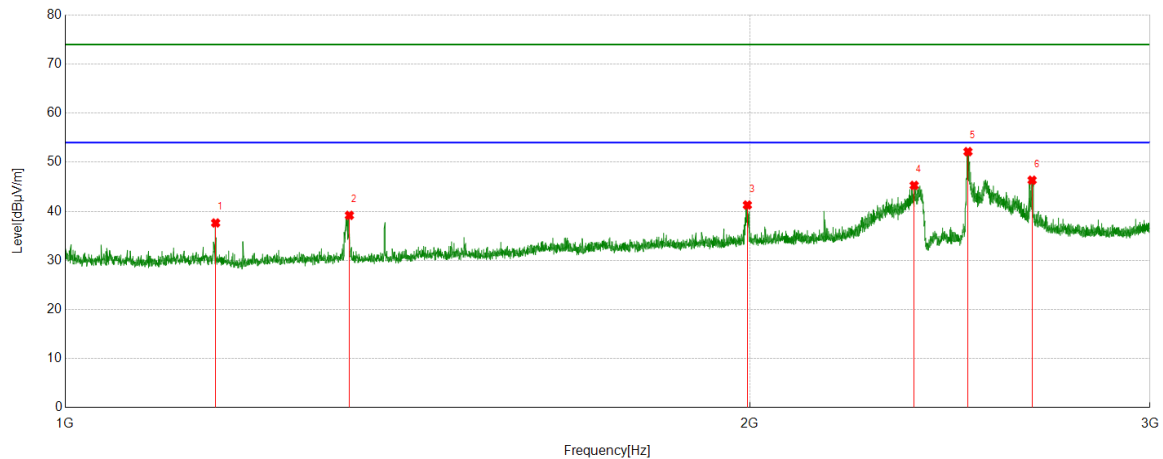
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1328.041	58.58	-20.60	37.98	74.00	-36.02	Horizontal
2	1382.2978	54.87	-20.58	34.29	74.00	-39.71	Horizontal
3	1992.8741	53.40	-16.33	37.07	74.00	-36.93	Horizontal
4	2375.4219	56.74	-14.32	42.42	74.00	-31.58	Horizontal
5	2495.1869	60.26	-13.45	46.81	74.00	-27.19	Horizontal
6	2661.7077	56.12	-13.23	42.89	74.00	-31.11	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



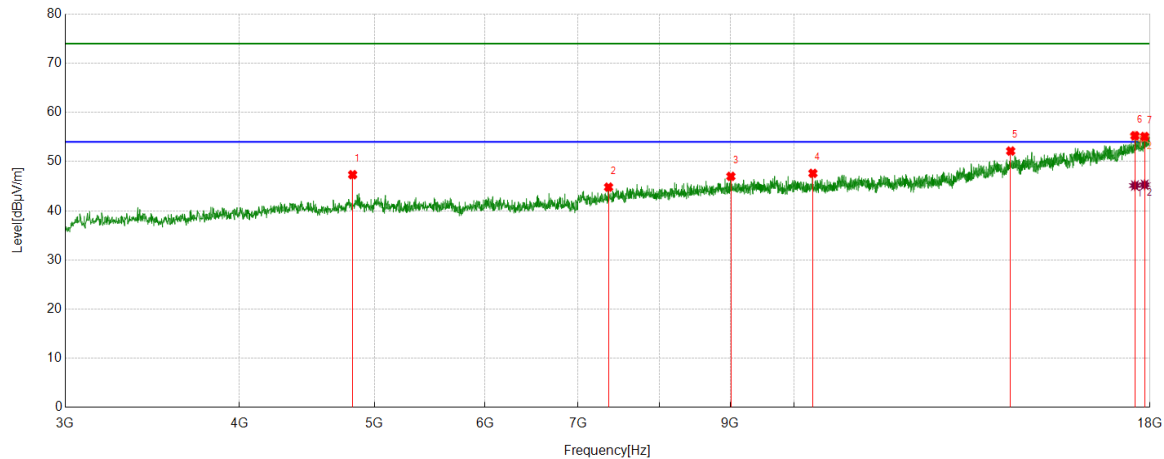
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1164.5206	59.08	-21.45	37.63	74.00	-36.37	Vertical
2	1333.5417	59.77	-20.59	39.18	74.00	-34.82	Vertical
3	1995.3744	57.60	-16.32	41.28	74.00	-32.72	Vertical
4	2362.6703	59.98	-14.70	45.28	74.00	-28.72	Vertical
5	2494.9369	65.60	-13.45	52.15	74.00	-21.85	Vertical
6	2662.4578	59.57	-13.23	46.34	74.00	-27.66	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

Part 2: 3GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

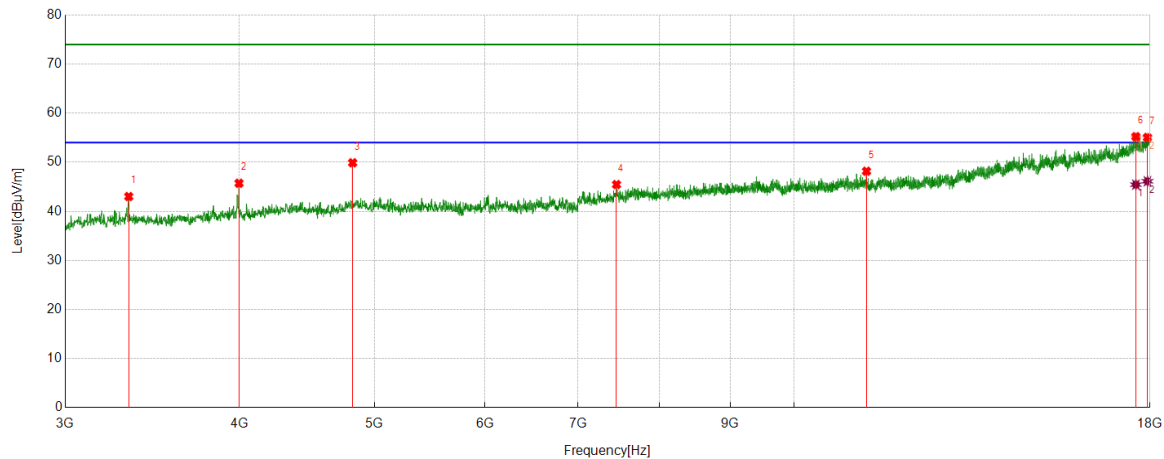
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	4822.7278	51.42	-4.09	47.33	74.00	-26.67	Horizontal
2	7359.92	45.02	-0.22	44.80	74.00	-29.20	Horizontal
3	9008.251	44.56	2.43	46.99	74.00	-27.01	Horizontal
4	10315.2894	43.54	4.07	47.61	74.00	-26.39	Horizontal
5	14300.1625	40.83	11.31	52.14	74.00	-21.86	Horizontal
6	17557.4447	38.18	17.08	55.26	74.00	-18.74	Horizontal
7	17842.4803	36.53	18.56	55.09	74.00	-18.91	Horizontal

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17557.4447	28.05	17.08	45.13	54.00	-8.87	Horizontal
2	17842.4803	26.73	18.56	45.29	54.00	-8.71	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3331.9165	52.60	-9.58	43.02	74.00	-30.98	Vertical
2	3997.6247	52.66	-6.94	45.72	74.00	-28.28	Vertical
3	4822.7278	53.98	-4.09	49.89	74.00	-24.11	Vertical
4	7457.4322	44.45	1.01	45.46	74.00	-28.54	Vertical
5	11269.7837	43.01	5.16	48.17	74.00	-25.83	Vertical
6	17585.5732	37.69	17.53	55.22	74.00	-18.78	Vertical
7	17924.9906	36.35	18.71	55.06	74.00	-18.94	Vertical

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17585.5732	27.91	17.53	45.44	54.00	-8.56	Vertical
2	17924.9906	27.41	18.71	46.12	54.00	-7.88	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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.