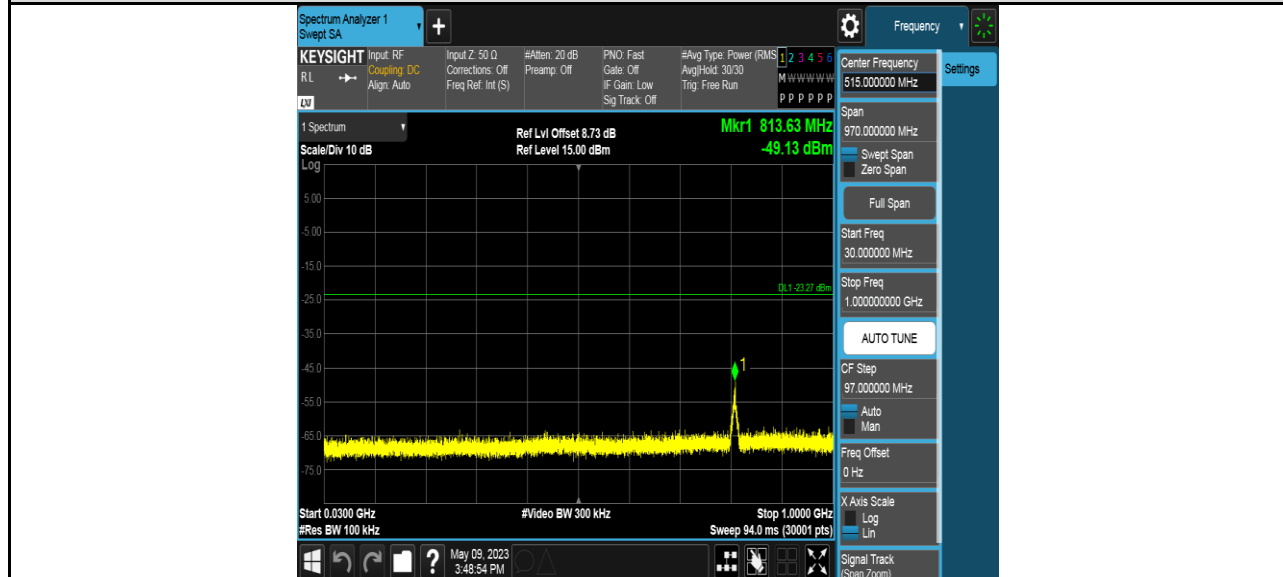


Test Mode	Channel	Verdict
11G	MCH	PASS

### MCH SPURIOUS EMISSION 30MHz~1GHz

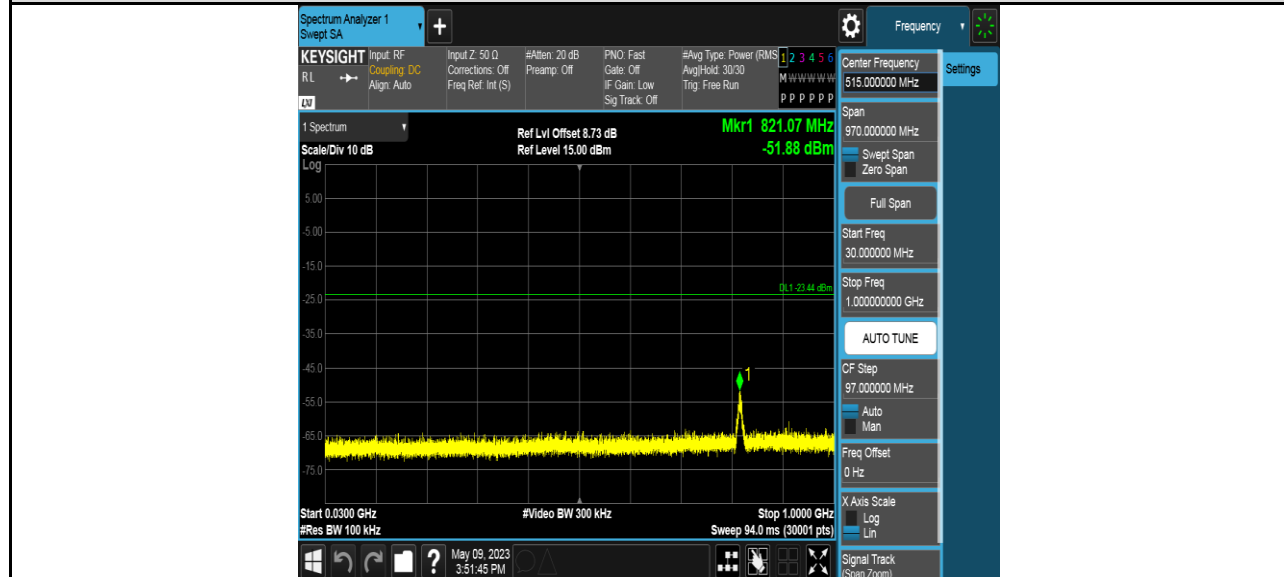


### MCH SPURIOUS EMISSION 1GHz~26.5GHz



Test Mode	Channel	Verdict
11G	HCH	PASS

### HCH SPURIOUS EMISSION\_30MHz~1GHz

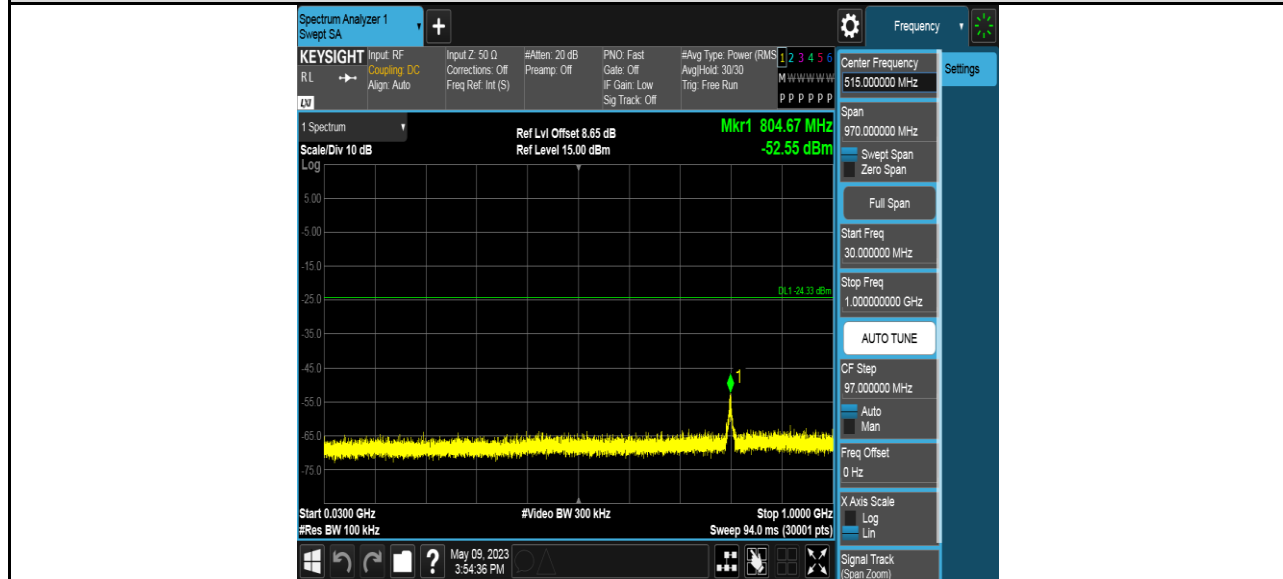


### HCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11N HT20	LCH	PASS

### LCH SPURIOUS EMISSION\_30MHz~1GHz

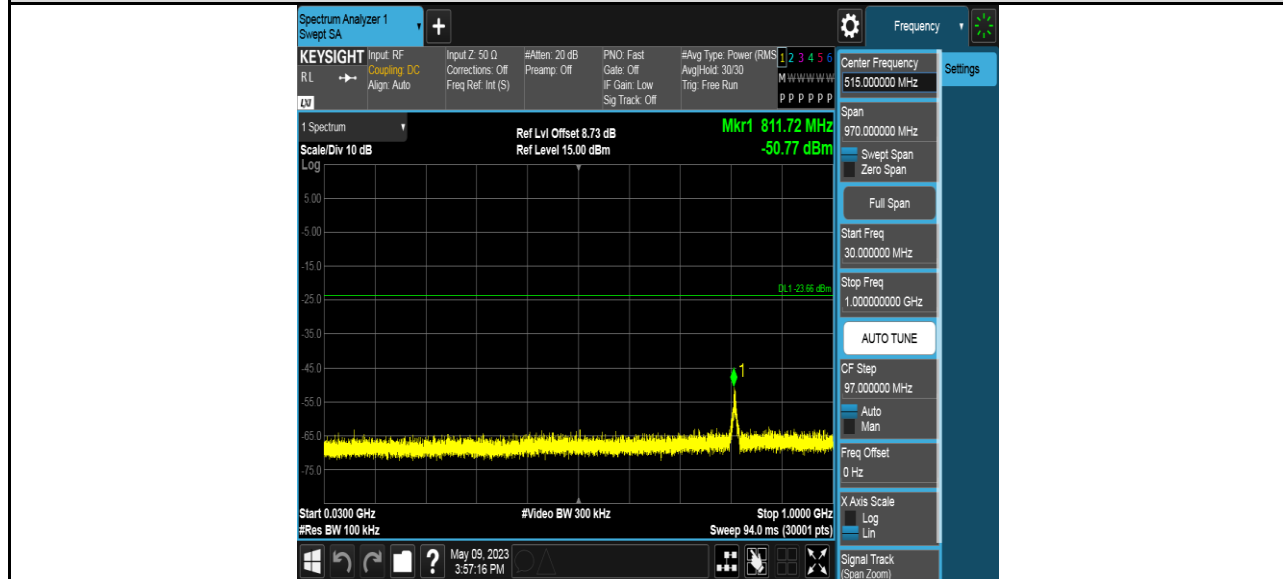


### LCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11N HT20	MCH	PASS

### MCH SPURIOUS EMISSION 30MHz~1GHz

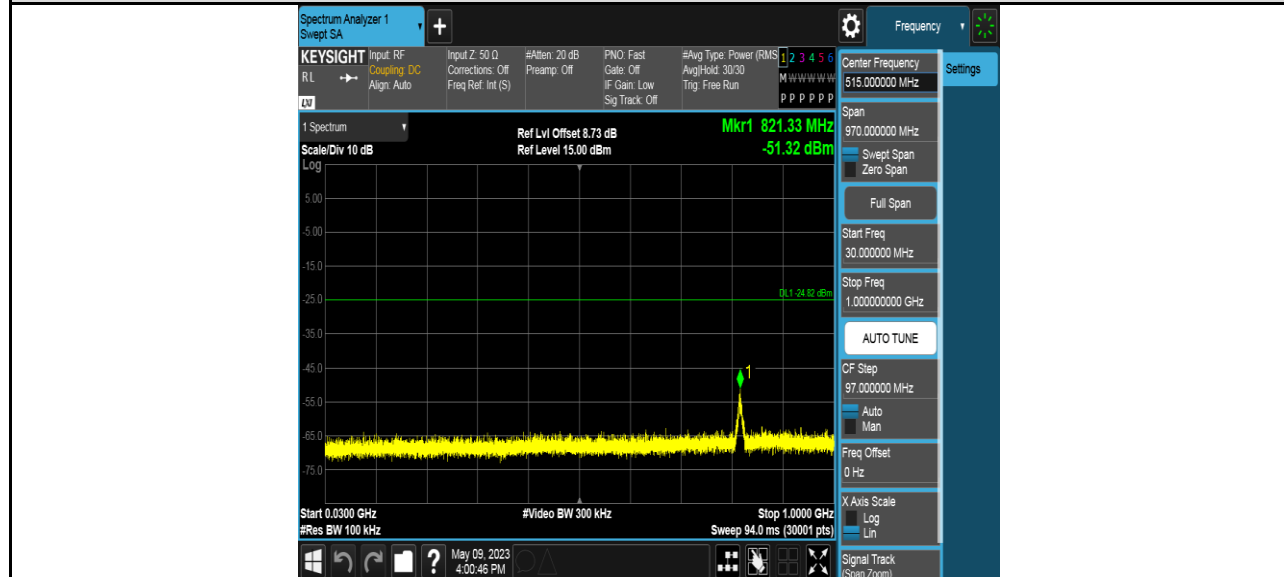


### MCH SPURIOUS EMISSION 1GHz~26.5GHz



Test Mode	Channel	Verdict
11N HT20	HCH	PASS

### HCH SPURIOUS EMISSION\_30MHz~1GHz

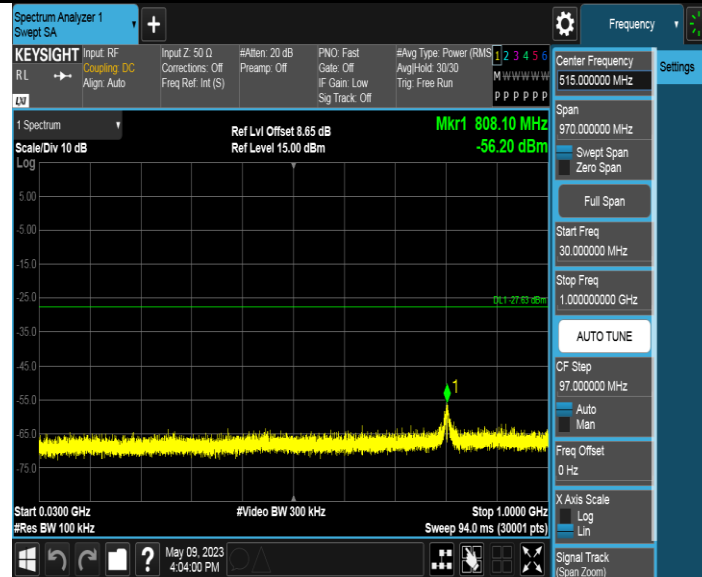


### HCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11N HT40	LCH	PASS

### LCH SPURIOUS EMISSION\_30MHz~1GHz

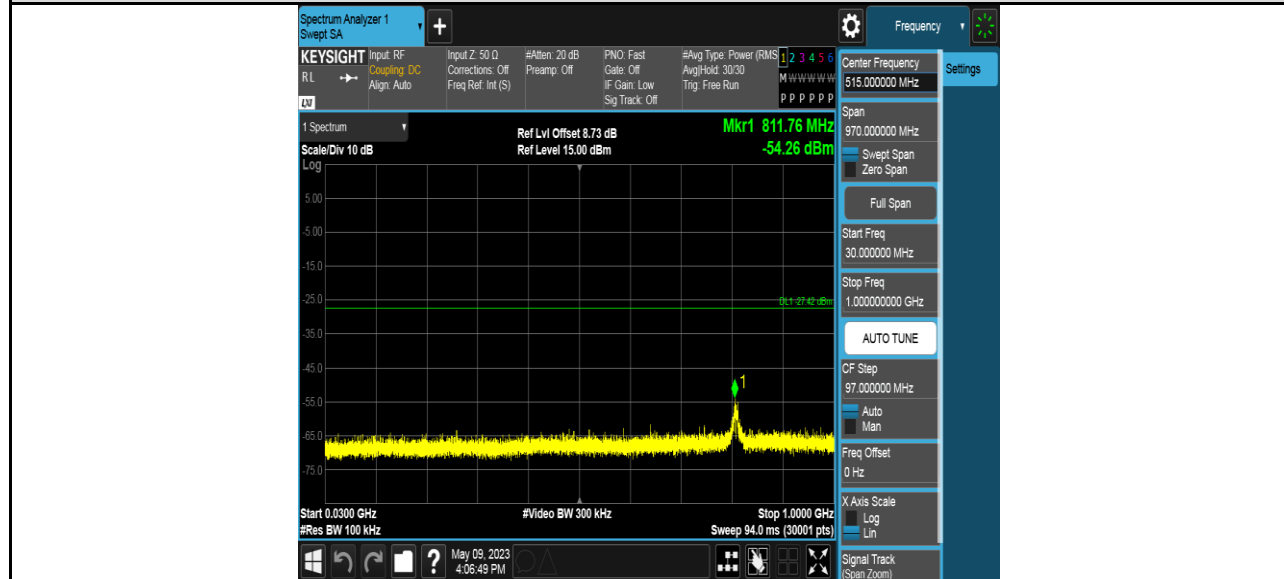


### LCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11N HT40	MCH	PASS

### MCH SPURIOUS EMISSION 30MHz~1GHz

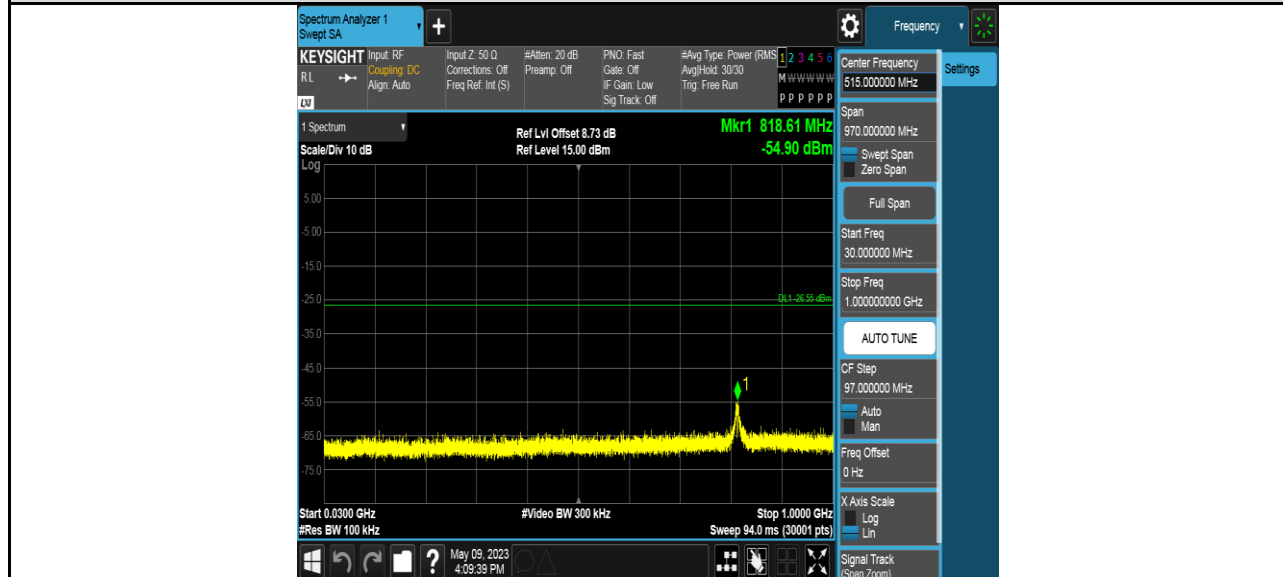


### MCH SPURIOUS EMISSION 1GHz~26.5GHz



Test Mode	Channel	Verdict
11N HT40	HCH	PASS

### HCH SPURIOUS EMISSION\_30MHz~1GHz



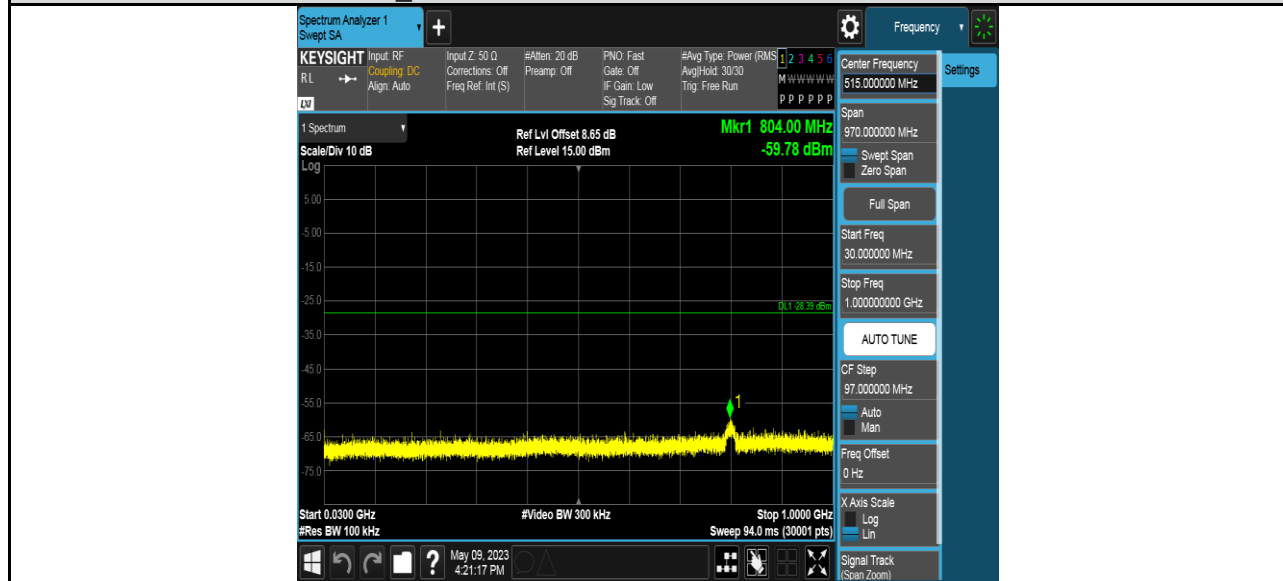
### HCH SPURIOUS EMISSION\_1GHz~26.5GHz



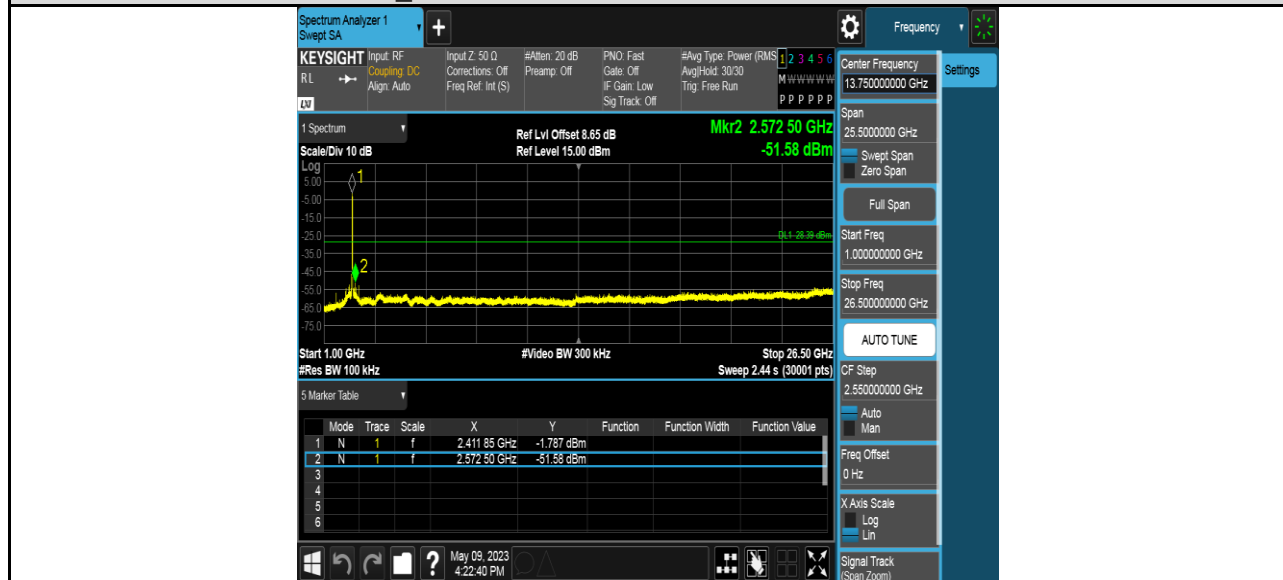


Test Mode	Channel	Verdict
11AX20	LCH	PASS

### LCH SPURIOUS EMISSION\_30MHz~1GHz

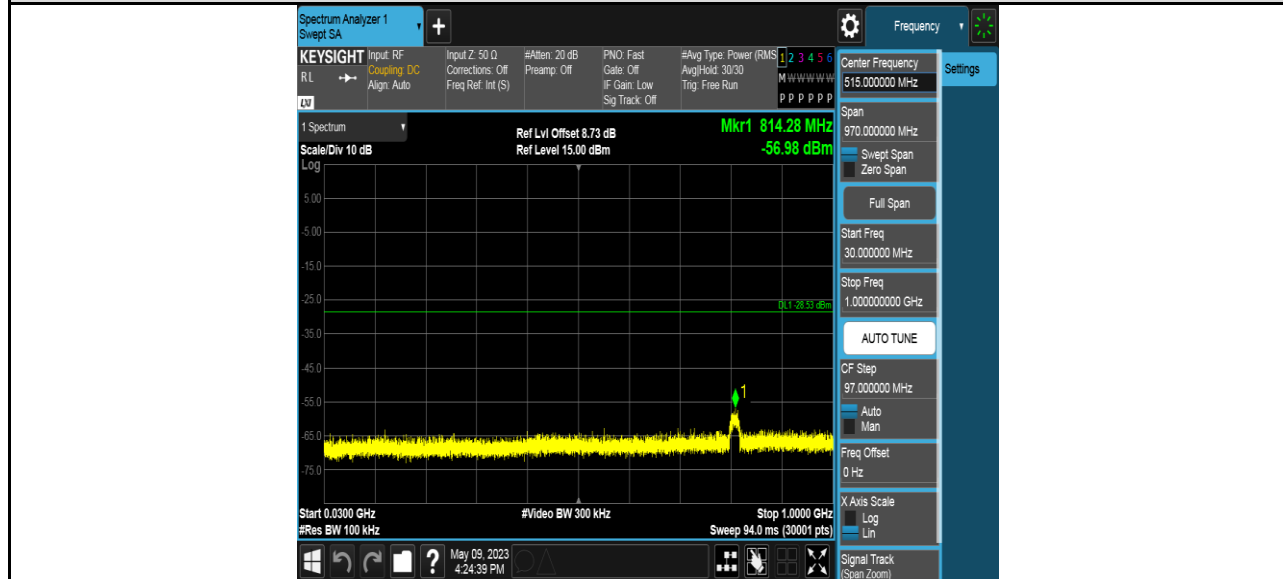


### LCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11AX20	MCH	PASS

### MCH SPURIOUS EMISSION 30MHz~1GHz

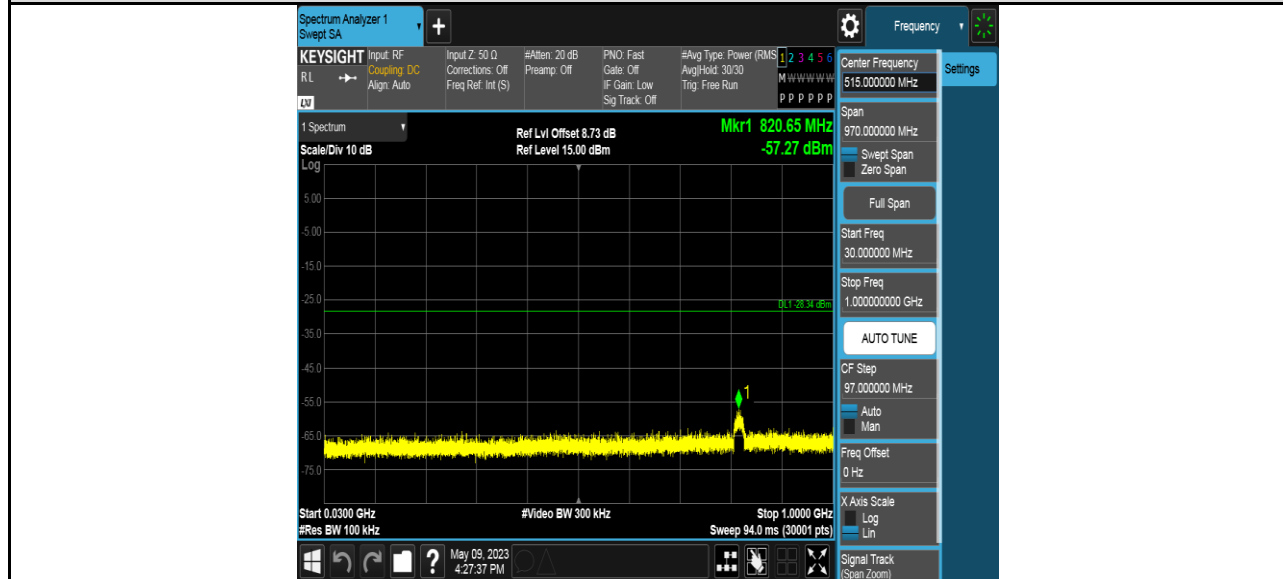


### MCH SPURIOUS EMISSION 1GHz~26.5GHz



Test Mode	Channel	Verdict
11AX20	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 <sup>Note 1</sup>	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

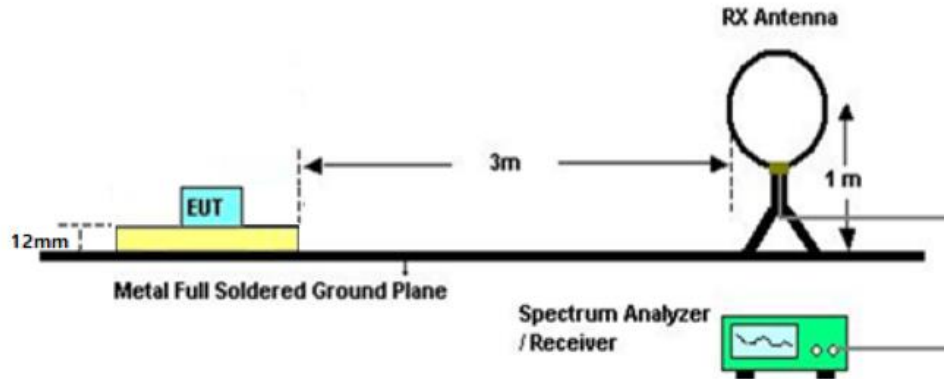
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
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	( <sup>2</sup> )
13.36-13.41			

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

<sup>2</sup>Above 38.6c

## TEST SETUP AND PROCEDURE

Below 30MHz

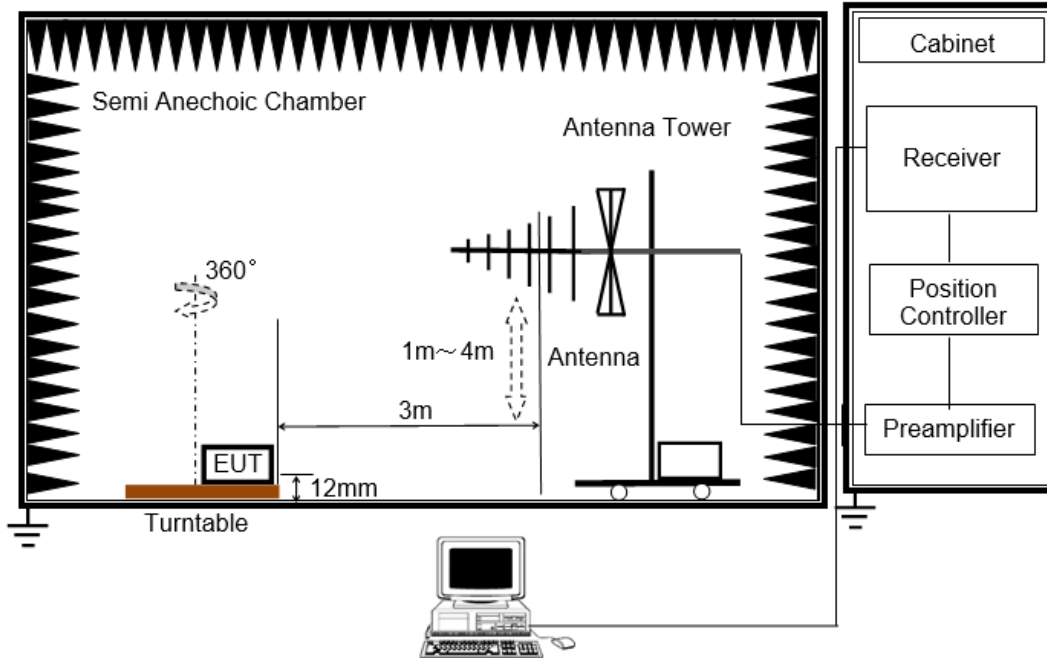


The setting of the spectrum analyser

RBW	200Hz (From 9kHz to 0.15MHz)/ 9kHz (From 0.15MHz to 30MHz)
VBW	200Hz (From 9kHz to 0.15MHz)/ 9kHz (From 0.15MHz to 30MHz)
Sweep	Auto
Detector	Peak/QP/ Average
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 12mm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector
6. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Below 1G



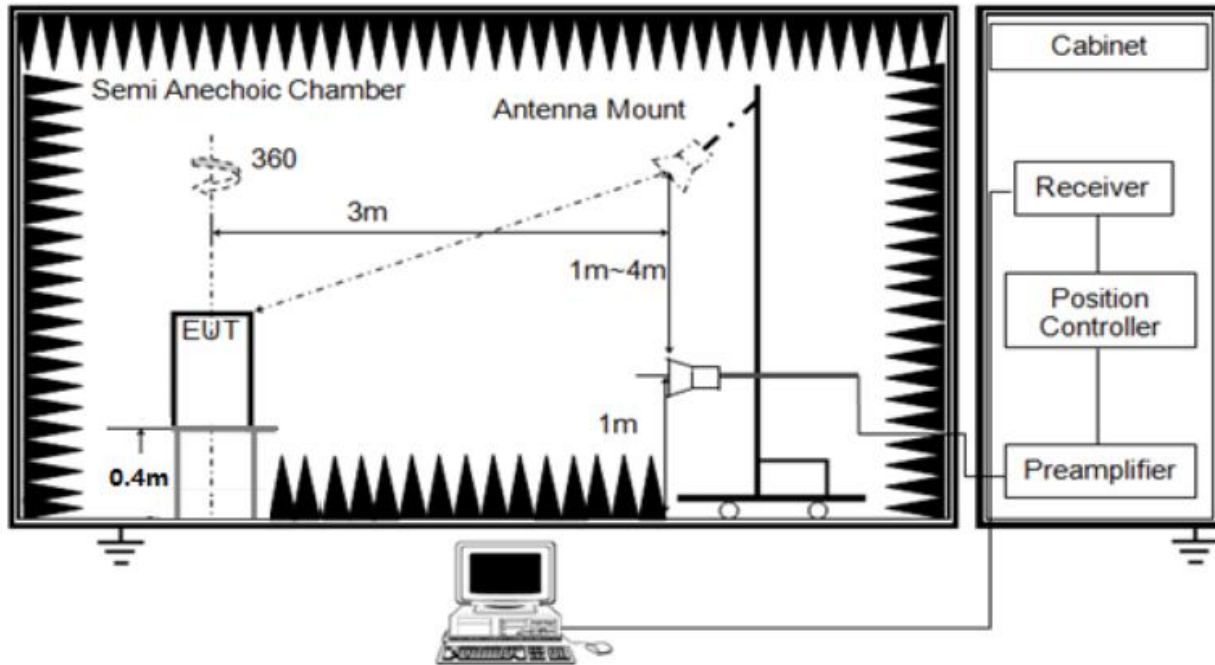
The setting of the spectrum analyser

RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 12mm 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



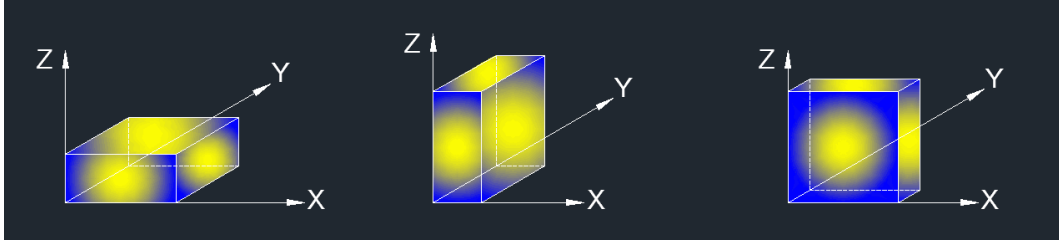
The setting of the spectrum analyser

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 0.4m 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  $[50 \times (1/\text{Duty Cycle})]$  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 this product can only working at Z axis.

## 8.2. TEST ENVIRONMENT

## 8.3. RESTRICTED BANDEDGE

### TEST ENVIRONMENT

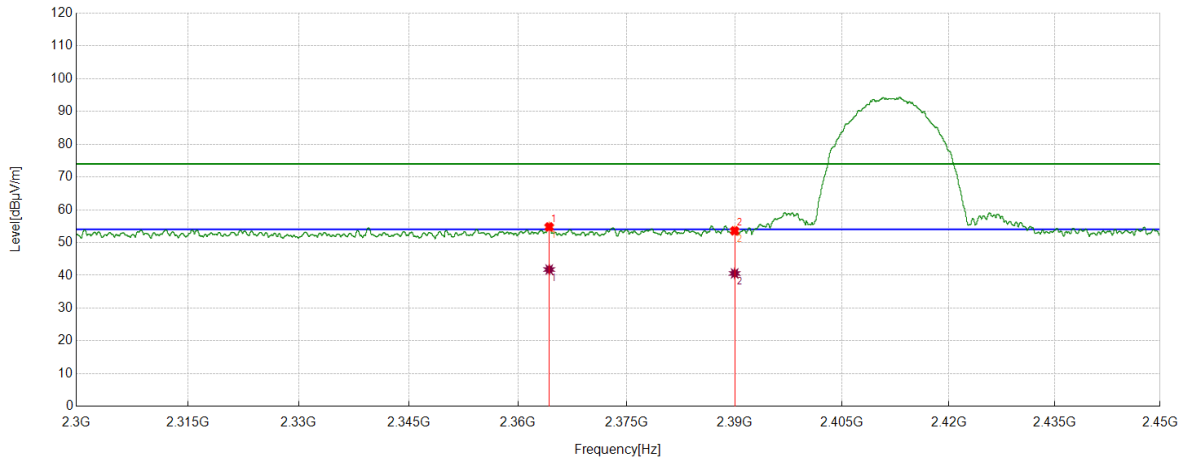
Temperature	23.4°C	Relative Humidity	53.1%
Atmosphere Pressure	101.5kpa	Test Voltage	AC120V/60Hz

### TEST RESULT TABLE

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<Limit	PASS
	HCH	<Limit	PASS
11G	LCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40	LCH	<Limit	PASS
	HCH	<Limit	PASS
11AX20	LCH	<Limit	PASS
	HCH	<Limit	PASS

### TEST GRAPHS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



#### PK Result:

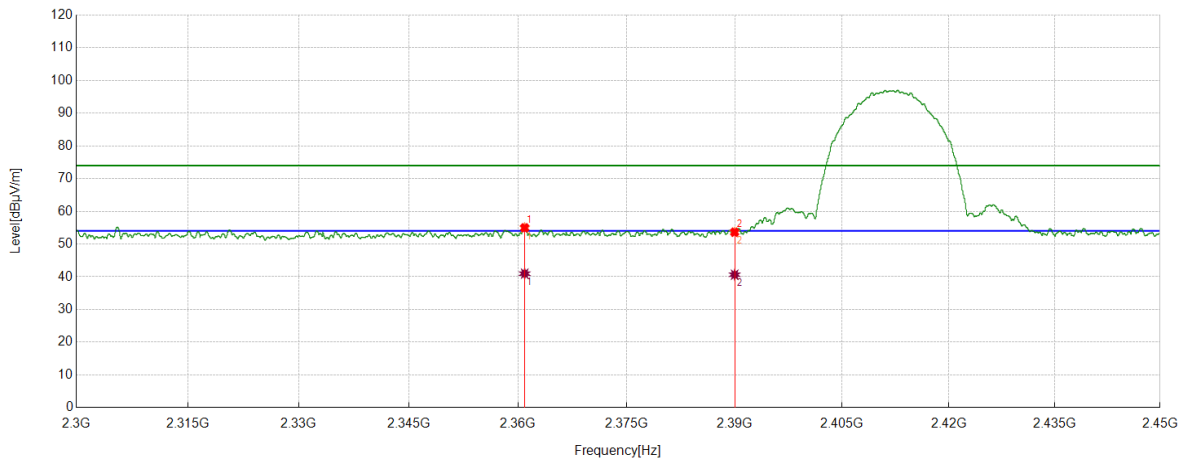
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2364.3018	44.78	9.99	54.77	74.00	19.23	Horizontal
2	2390.0000	43.23	10.35	53.58	74.00	20.42	Horizontal

#### AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2364.3018	30.26	9.99	40.25	54.00	13.75	Horizontal
2	2390.0000	31.01	10.35	41.36	54.00	12.64	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:

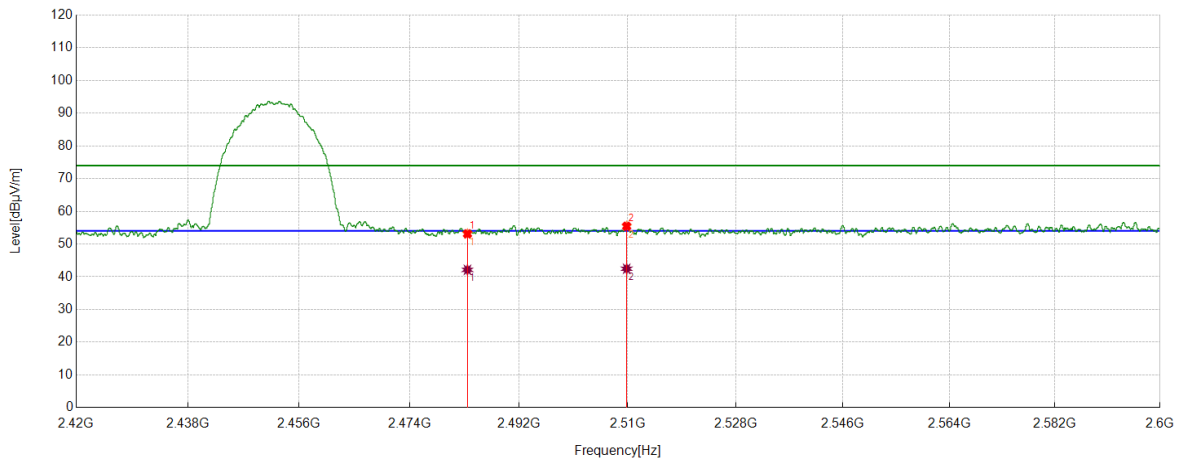
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2360.9264	45.04	9.92	54.96	74.00	19.04	Vertical
2	2390.0000	43.28	10.35	53.63	74.00	20.37	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2360.9264	31.46	9.92	41.38	54.00	12.62	Vertical
2	2390.0000	30.32	10.35	40.67	54.00	13.33	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:

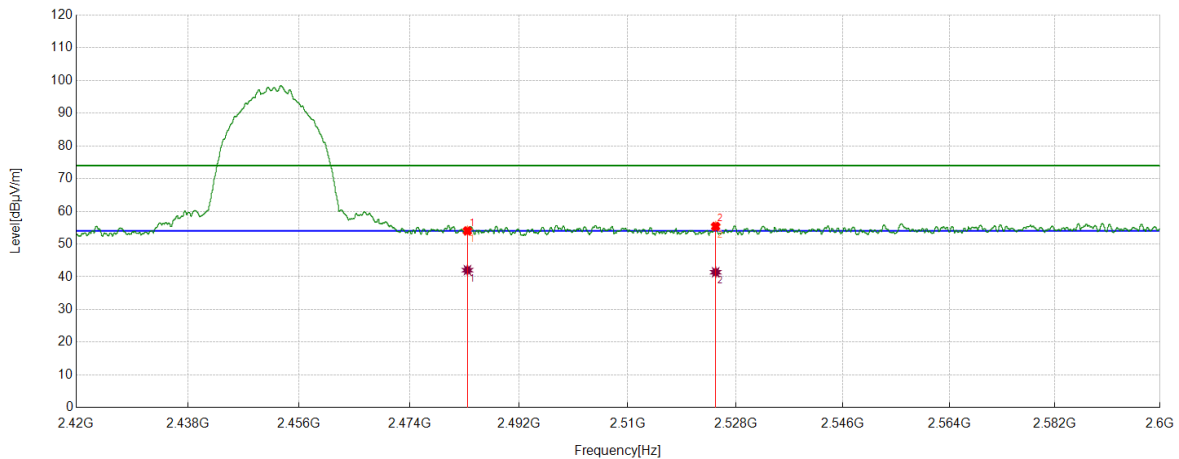
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	42.48	10.64	53.12	74.00	20.88	Horizontal
2	2509.8087	44.36	11.09	55.45	74.00	18.55	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	31.21	10.64	41.85	54.00	12.15	Horizontal
2	2509.8087	30.15	11.09	41.24	54.00	12.76	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:

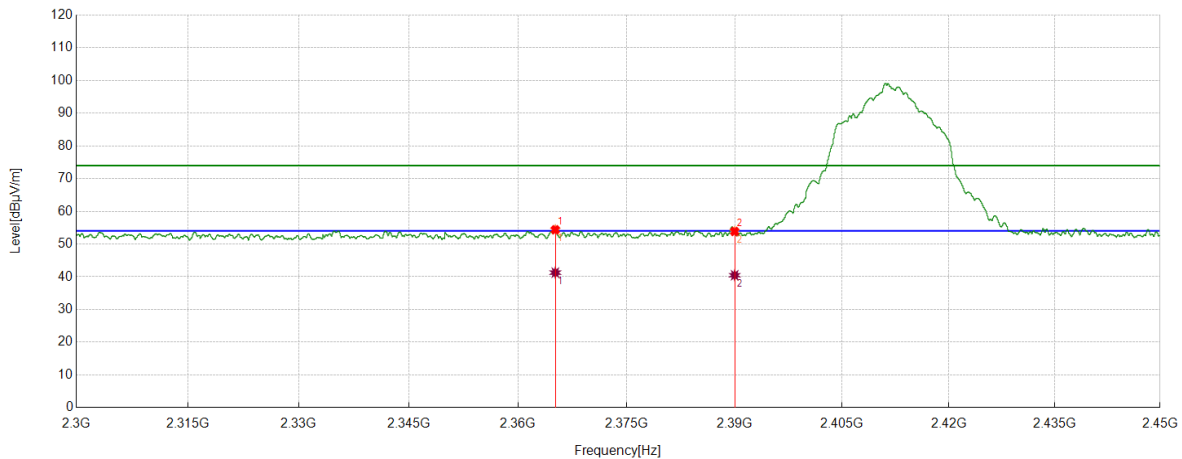
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	43.38	10.64	54.02	74.00	19.98	Vertical
2	2524.6381	44.23	11.16	55.39	74.00	18.61	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	31.32	10.64	41.96	54.00	12.04	Vertical
2	2524.6381	30.25	11.16	41.41	54.00	12.59	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	2365.1456	44.36	10.01	54.37	74.00	19.63	Horizontal
2	2390.0000	43.51	10.35	53.86	74.00	20.14	Horizontal

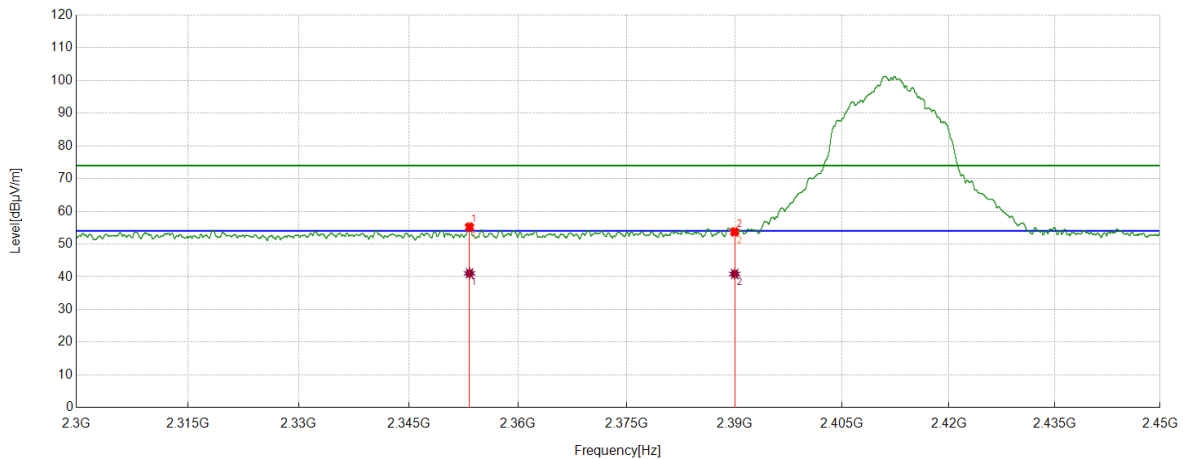
#### AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2365.1456	31.26	10.01	41.27	54.00	12.73	Horizontal
2	2390.0000	30.12	10.35	40.47	54.00	13.53	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:

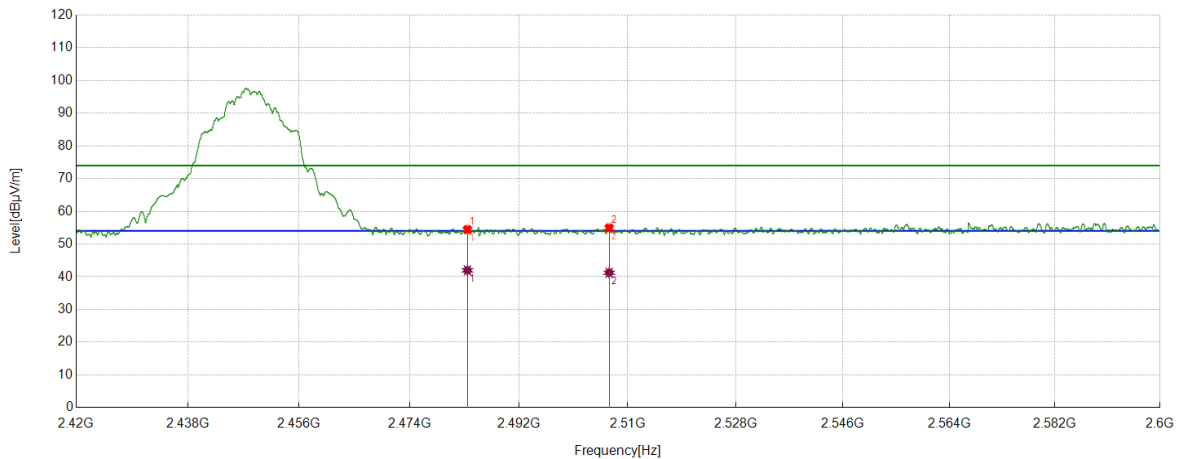
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2353.3504	45.31	9.90	55.21	74.00	18.79	Vertical
2	2390.0000	43.36	10.35	53.71	74.00	20.29	Vertical

#### AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2353.3504	31.15	9.90	41.05	54.00	12.95	Vertical
2	2390.0000	30.51	10.35	40.86	54.00	13.14	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:

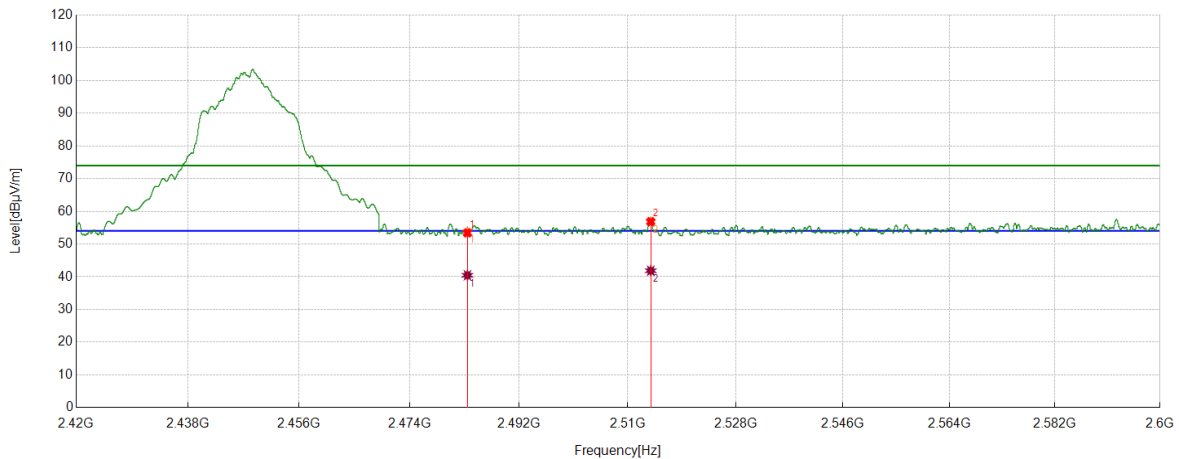
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	43.78	10.64	54.42	74.00	19.58	Horizontal
2	2506.9059	43.93	10.98	54.91	74.00	19.09	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	31.32	10.64	41.96	54.00	12.04	Horizontal
2	2506.9059	30.25	10.98	41.23	54.00	12.77	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:

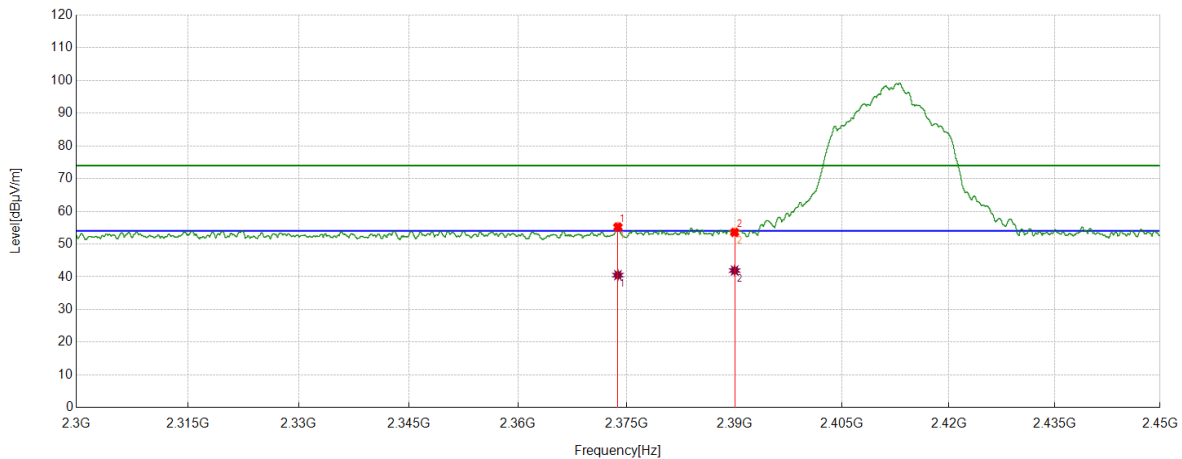
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	42.77	10.64	53.41	74.00	20.59	Vertical
2	2513.8142	45.79	11.06	56.85	74.00	17.15	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5	29.82	10.64	40.46	54.00	13.54	Vertical
2	2513.8142	30.79	11.06	41.85	54.00	12.15	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:

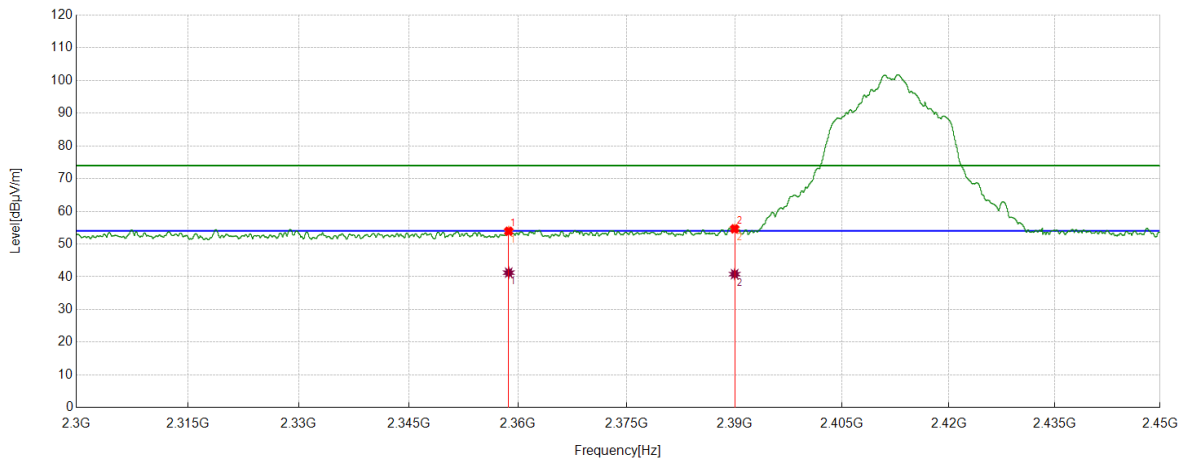
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2373.7905	45.03	10.19	55.22	74.00	18.78	Horizontal
2	2390.0000	43.23	10.35	53.58	74.00	20.42	Horizontal

#### AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2373.7905	30.32	10.19	40.51	54.00	13.49	Horizontal
2	2390.0000	31.56	10.35	41.91	54.00	12.09	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
11N HT20	LCH	Vertical	PASS



#### PK Result:

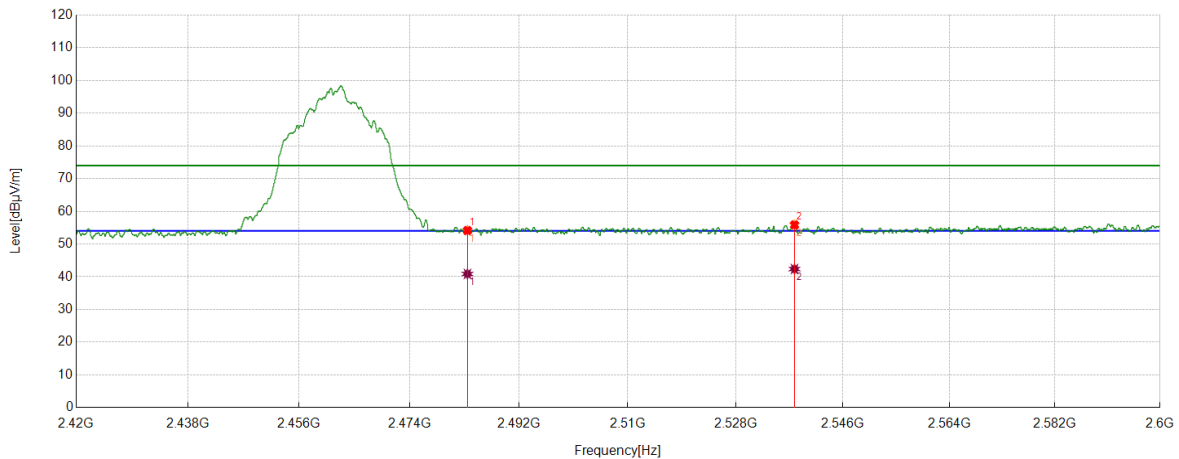
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2358.7323	44.02	9.90	53.92	74.00	20.08	Vertical
2	2390.0000	44.30	10.35	54.65	74.00	19.35	Vertical

#### AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2358.7323	31.36	9.90	41.26	54.00	12.74	Vertical
2	2390.0000	30.46	10.35	40.81	54.00	13.19	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:

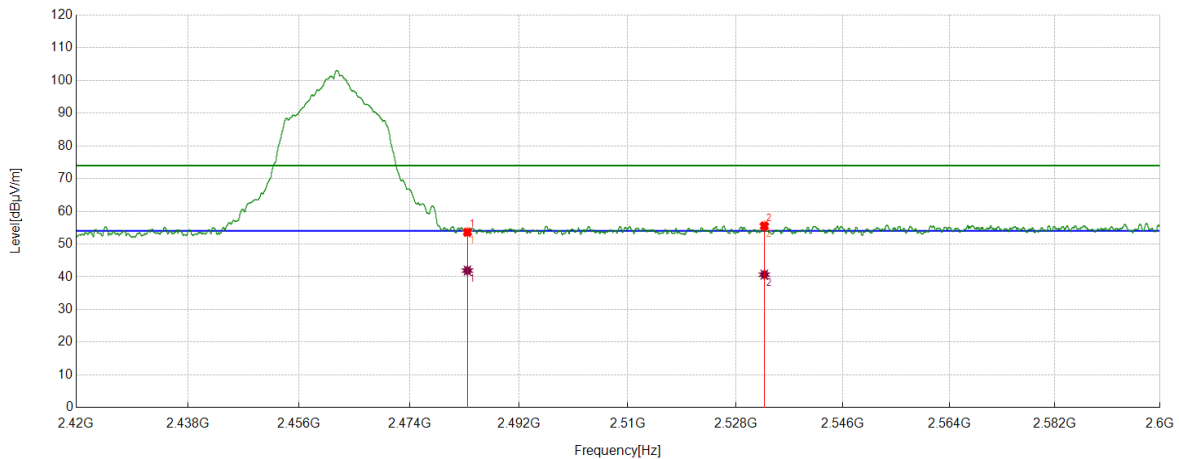
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	43.49	10.64	54.13	74.00	19.87	Horizontal
2	2537.8472	44.56	11.31	55.87	74.00	18.13	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	30.23	10.64	40.87	54.00	13.13	Horizontal
2	2537.8472	31.06	11.31	42.37	54.00	11.63	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:

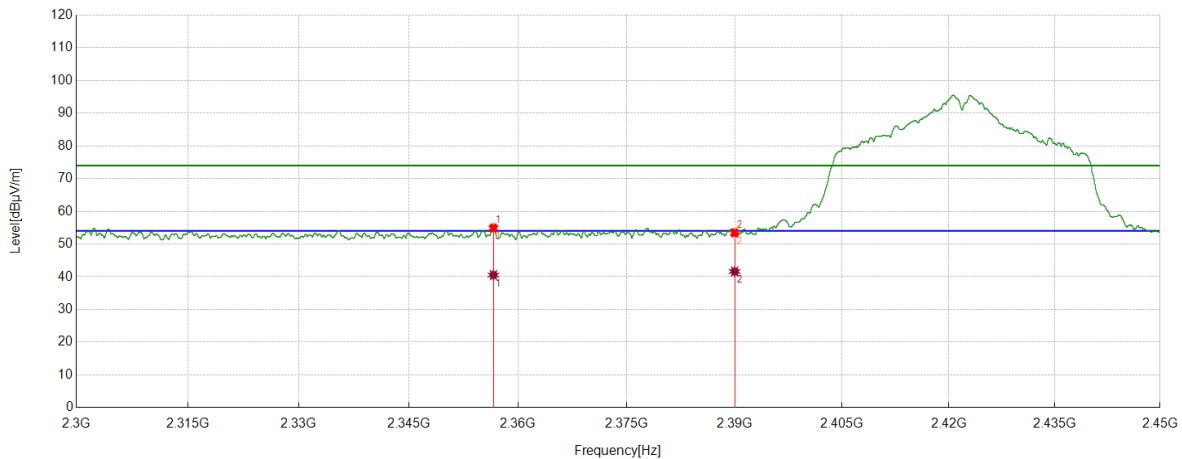
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	42.97	10.64	53.61	74.00	20.39	Vertical
2	2532.7841	44.20	11.33	55.53	74.00	18.47	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	31.25	10.64	41.89	54.00	12.11	Vertical
2	2532.7841	29.32	11.33	40.65	54.00	13.35	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,  
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 HT40	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	2356.6321	44.98	9.91	54.89	74.00	19.11	Horizontal
2	2390.0000	43.08	10.35	53.43	74.00	20.57	Horizontal

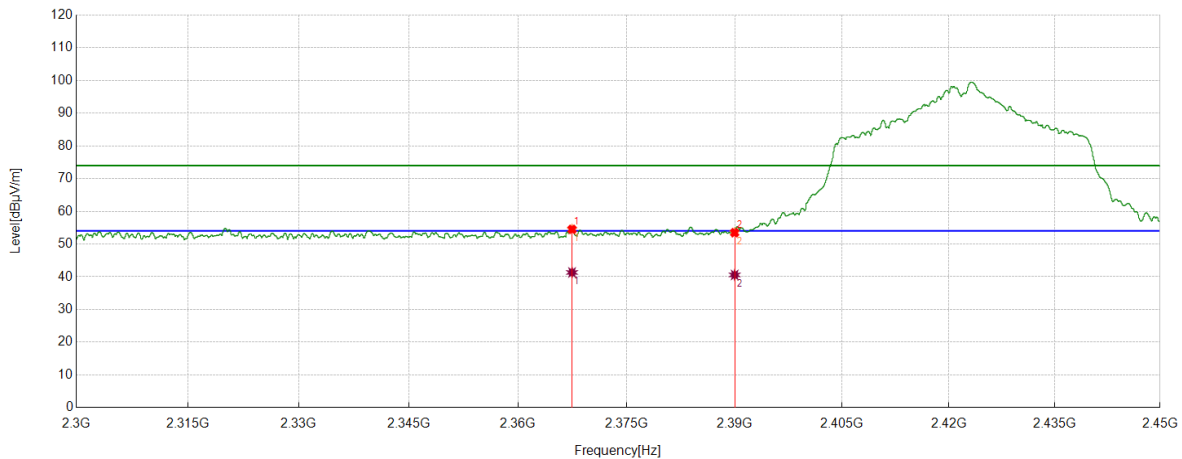
#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2356.6321	30.62	9.91	40.53	54.00	13.47	Horizontal
2	2390.0000	31.26	10.35	41.61	54.00	12.39	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,  
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 HT40	LCH	Vertical	PASS



#### PK Result:

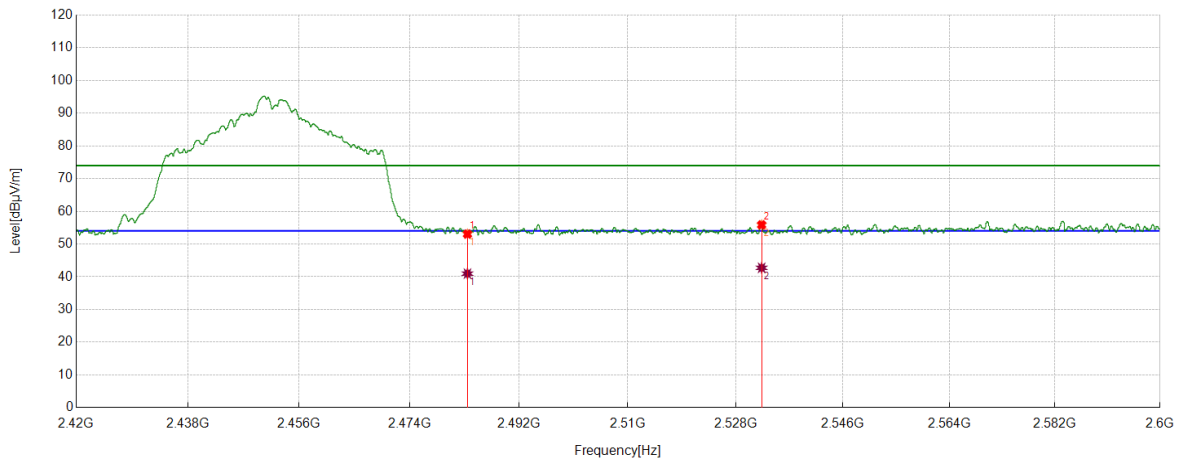
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2367.4522	44.42	10.07	54.49	74.00	19.51	Vertical
2	2390.0000	43.13	10.35	53.48	74.00	20.52	Vertical

#### AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2367.4522	31.25	10.07	41.32	54.00	12.68	Vertical
2	2390.0000	30.21	10.35	40.56	54.00	13.44	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,  
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 HT40	HCH	Horizontal	PASS



#### PK Result:

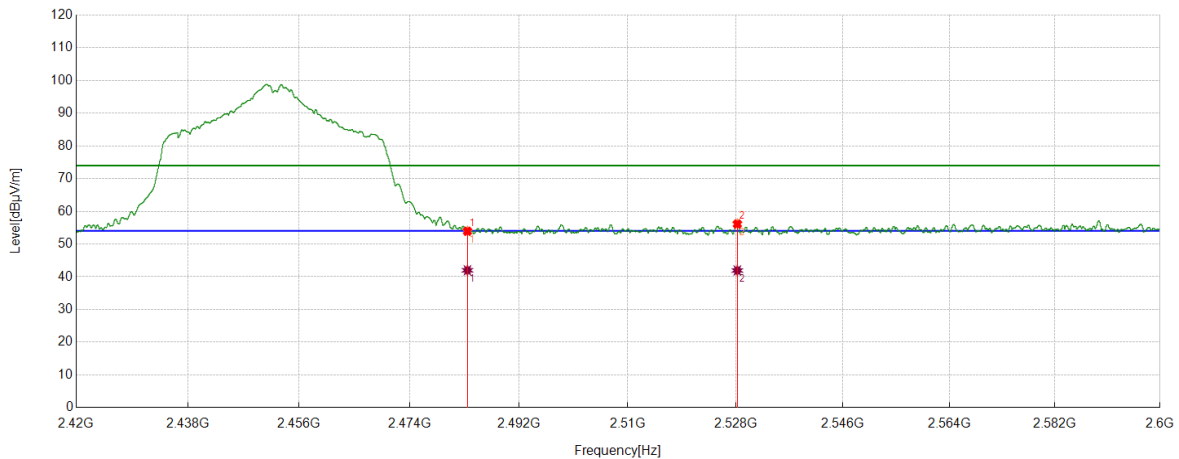
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	42.42	10.64	53.06	74.00	20.94	Horizontal
2	2532.334	44.55	11.32	55.87	74.00	18.13	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	30.32	10.64	40.96	54.00	13.04	Horizontal
2	2532.334	31.41	11.32	42.73	54.00	11.27	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,  
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 HT40	HCH	Vertical	PASS



#### PK Result:

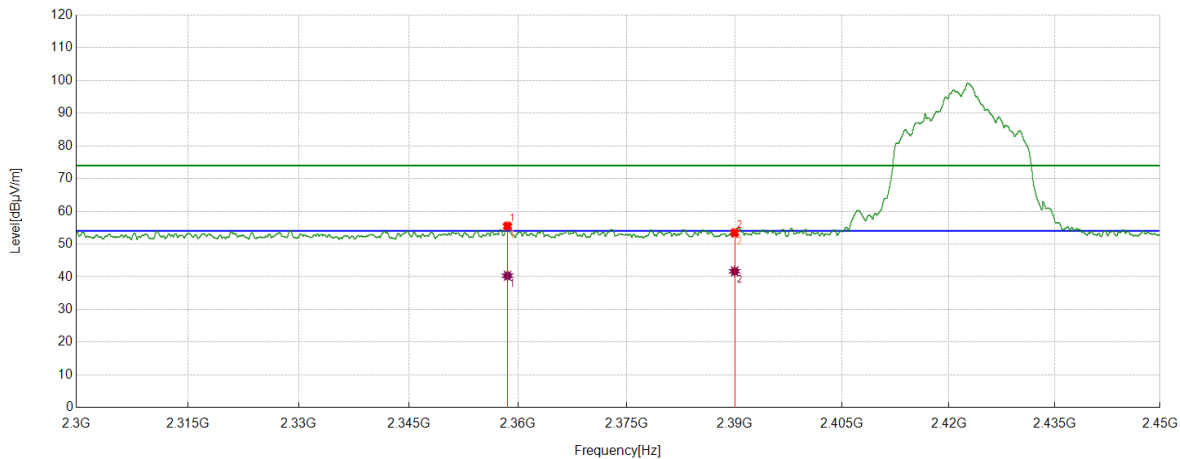
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	43.28	10.64	53.92	74.00	20.08	Vertical
2	2528.261	44.86	11.28	56.14	74.00	17.86	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	31.34	10.64	41.98	54.00	12.02	Vertical
2	2528.261	30.65	11.28	41.93	54.00	12.07	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
11AX20	LCH	Horizontal	PASS



#### PK Result:

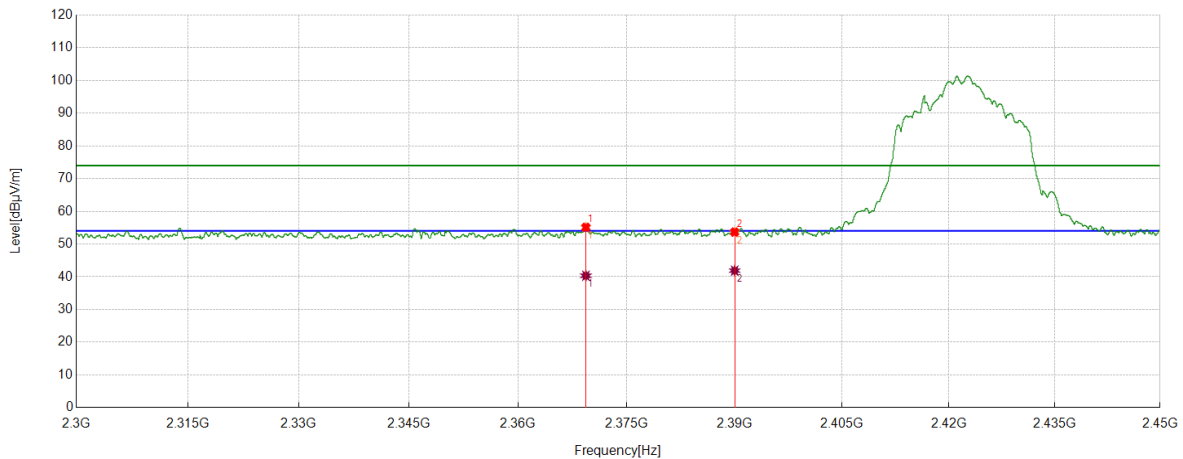
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2358.5636	45.58	9.90	55.48	74.00	18.52	Horizontal
2	2390.0000	43.07	10.35	53.42	74.00	20.58	Horizontal

#### AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2358.5636	30.42	9.90	40.32	54.00	13.68	Horizontal
2	2390.0000	31.32	10.35	41.67	54.00	12.33	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,  
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
11AX20	LCH	Vertical	PASS



#### PK Result:

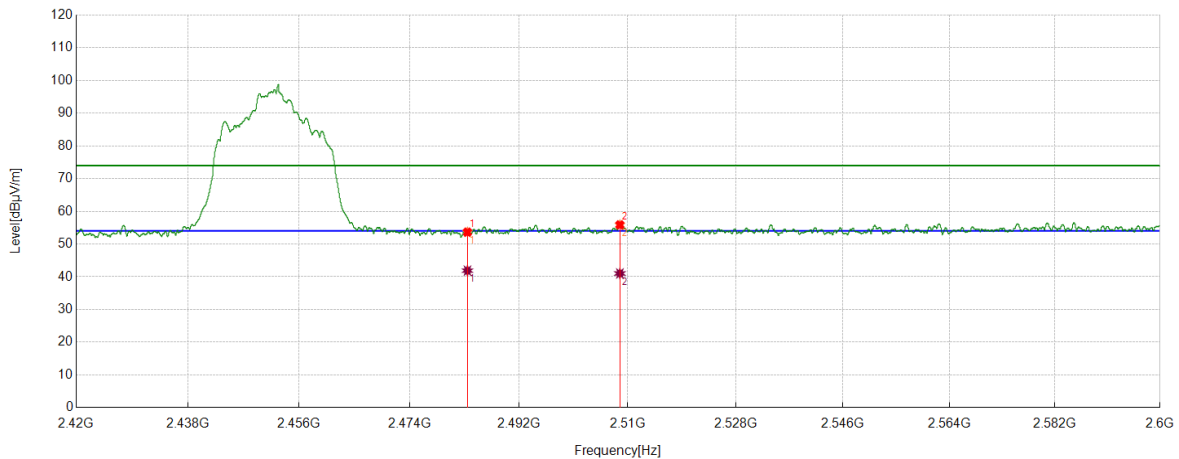
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2369.3649	45.01	10.10	55.11	74.00	18.89	Vertical
2	2390.0000	43.31	10.35	53.66	74.00	20.34	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2369.3649	30.22	10.10	40.32	54.00	13.68	Vertical
2	2390.0000	31.52	10.35	41.87	54.00	12.13	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
11AX20	HCH	Horizontal	PASS



#### PK Result:

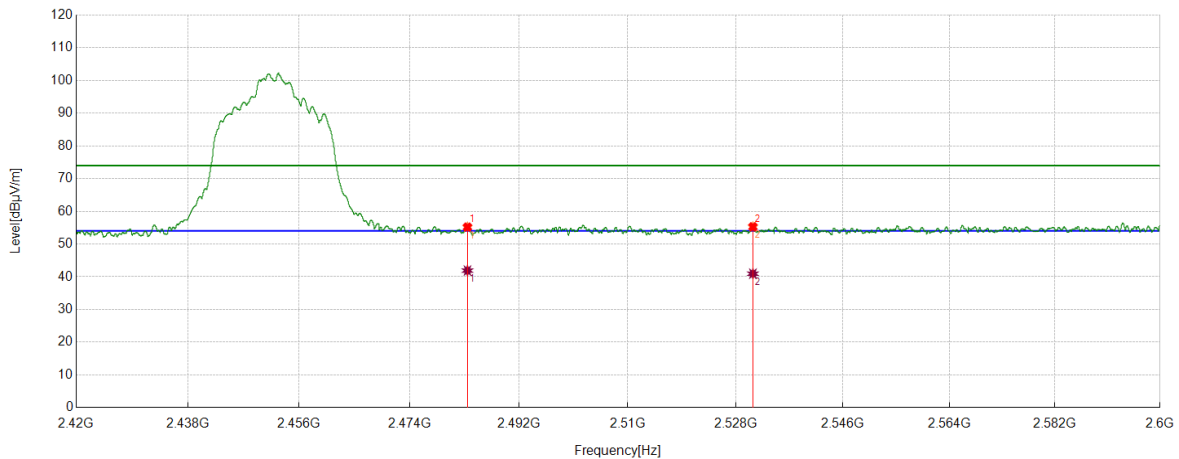
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	43.00	10.64	53.64	74.00	20.36	Horizontal
2	2508.6836	44.81	11.05	55.86	74.00	18.14	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	31.23	10.64	41.87	54.00	12.13	Horizontal
2	2508.6836	29.96	11.05	41.01	54.00	12.99	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
11AX20	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	44.54	10.64	55.18	74.00	18.82	Vertical
2	2530.8714	43.94	11.33	55.27	74.00	18.73	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	31.25	10.64	41.89	54.00	12.11	Vertical
2	2530.8714	29.61	11.33	40.94	54.00	13.06	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 Result Table:

I) For 1GHz~3GHz

Temperature	23.4°C	Relative Humidity	53.1%
Atmosphere Pressure	101.5kpa	Test Voltage	AC120V/60Hz

Test Mode	Channel	Puw(dBm)	Verdict
11B SISO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G SISO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11AX20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

II) For 3GHz~18GHz

Temperature	23.4°C	Relative Humidity	53.1%
Atmosphere Pressure	101.5kpa	Test Voltage	AC120V/60Hz

Test Mode	Channel	Puw(dBm)	Verdict
11B SISO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G SISO	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11AX20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS



## III) For 18GHz~26.5GHz

Temperature	23.4°C	Relative Humidity	53.1%
Atmosphere Pressure	101.5kpa	Test Voltage	AC120V/60Hz

Test Mode	Channel	Puw(dBm)	Verdict
11G	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.

## IV) For 30MHz~1GHz

Temperature	20.1°C	Relative Humidity	62.3%
Atmosphere Pressure	101.9kpa	Test Voltage	AC120V/60Hz

Test Mode	Channel	Puw(dBm)	Verdict
11G	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.

## V) For 9KHz~30MHz

Temperature	20.1°C	Relative Humidity	62.3%
Atmosphere Pressure	101.9kpa	Test Voltage	AC120V/60Hz

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

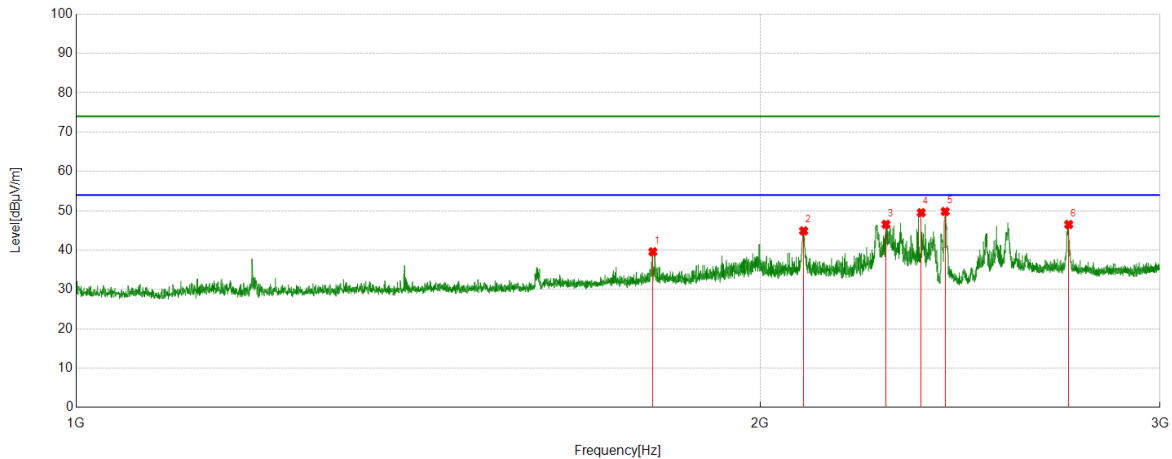
Remark:

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 I: 1GHz~3GHz

### HARMONICS AND SPURIOUS EMISSIONS

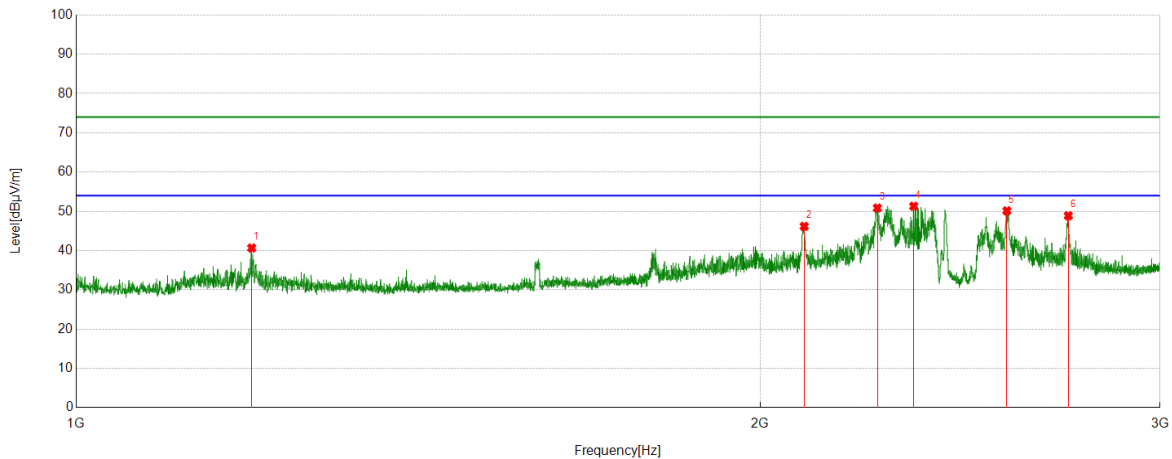
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1794.0993	57.40	-17.83	39.57	74.00	34.43	peak
2	2090.3863	61.00	-16.11	44.89	74.00	29.11	peak
3	2272.4091	61.99	-15.45	46.54	74.00	27.46	peak
4	2355.1694	64.29	-14.78	49.51	74.00	24.49	peak
5	2412.9266	63.94	-14.13	49.81	74.00	24.19	peak
6	2734.7168	59.06	-12.55	46.51	74.00	27.49	peak

- 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.

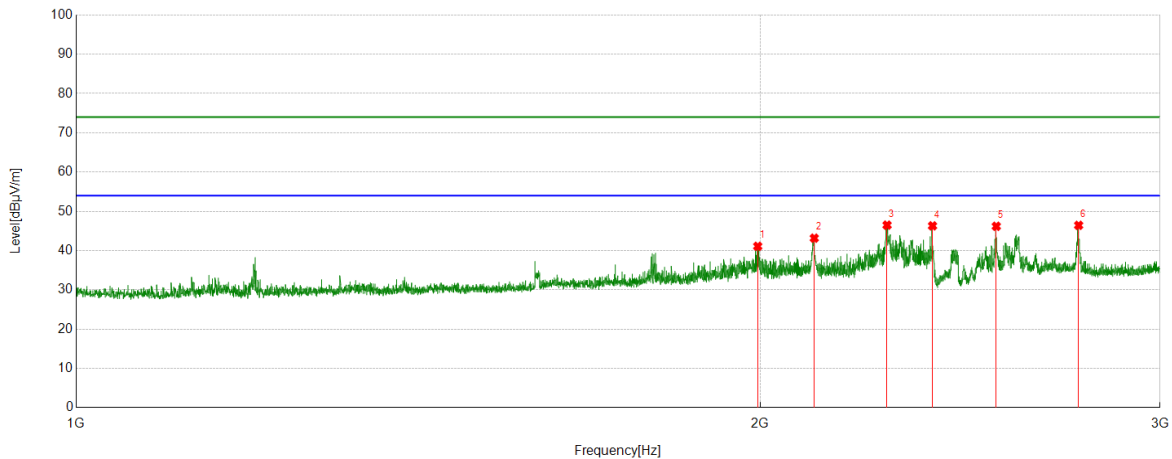
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1194.7743	62.59	-21.93	40.66	74.00	33.34	peak
2	2091.6365	62.23	-16.06	46.17	74.00	27.83	peak
3	2252.6566	65.86	-15.01	50.85	74.00	23.15	peak
4	2337.1671	66.11	-14.81	51.30	74.00	22.70	peak
5	2568.6961	63.63	-13.50	50.13	74.00	23.87	peak
6	2733.7167	61.39	-12.51	48.88	74.00	25.12	peak

- 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.

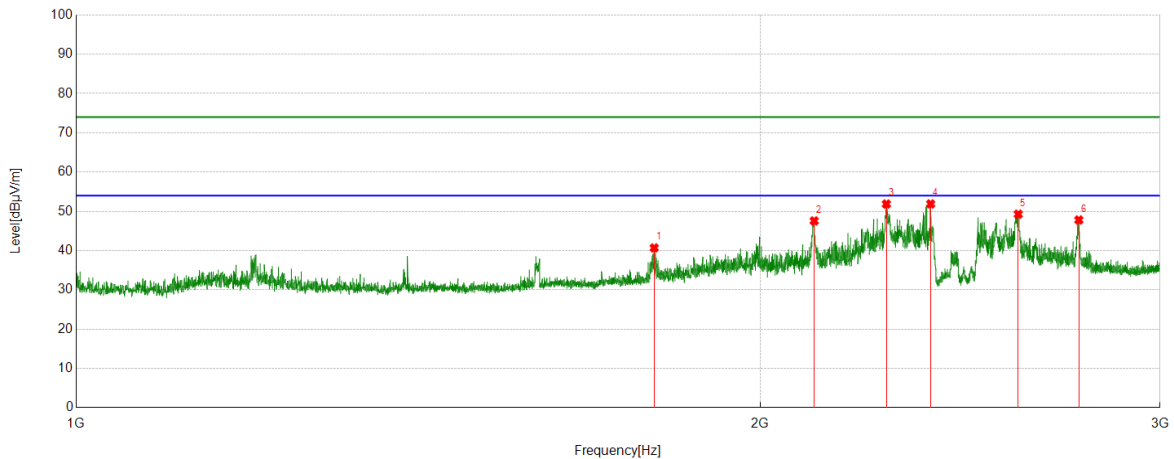
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1995.3744	57.42	-16.32	41.10	74.00	32.90	peak
2	2113.1391	59.04	-15.87	43.17	74.00	30.83	peak
3	2274.9094	61.87	-15.38	46.49	74.00	27.51	peak
4	2382.1728	60.52	-14.22	46.30	74.00	27.70	peak
5	2541.1926	59.77	-13.58	46.19	74.00	27.81	peak
6	2762.4703	59.33	-12.89	46.44	74.00	27.56	peak

- 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.

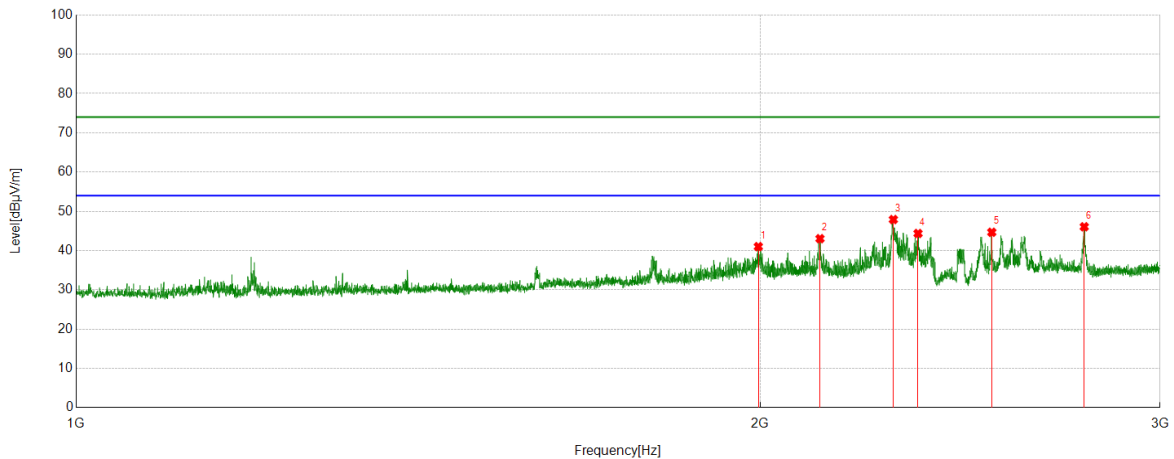
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1796.5996	58.45	-17.76	40.69	74.00	33.31	peak
2	2112.8891	63.44	-15.87	47.57	74.00	26.43	peak
3	2273.4092	67.28	-15.42	51.86	74.00	22.14	peak
4	2377.6722	66.16	-14.27	51.89	74.00	22.11	peak
5	2598.4498	62.53	-13.25	49.28	74.00	24.72	peak
6	2762.9704	60.71	-12.91	47.80	74.00	26.20	peak

- 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.

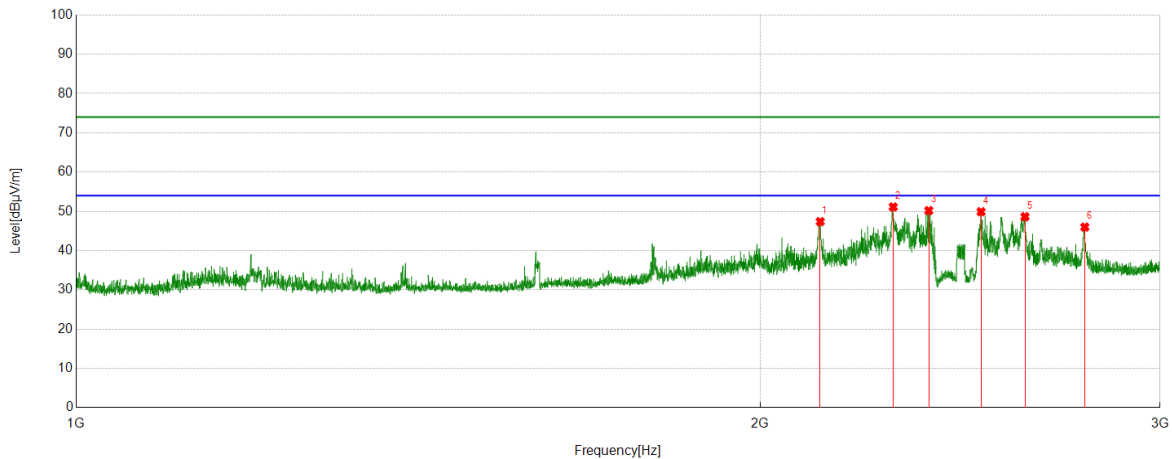
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1996.6246	57.31	-16.30	41.01	74.00	32.99	peak
2	2125.3907	58.89	-15.85	43.04	74.00	30.96	peak
3	2289.4112	63.11	-15.20	47.91	74.00	26.09	peak
4	2347.4184	59.11	-14.75	44.36	74.00	29.64	peak
5	2529.6912	58.21	-13.54	44.67	74.00	29.33	peak
6	2778.2223	58.98	-12.91	46.07	74.00	27.93	peak

- 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.

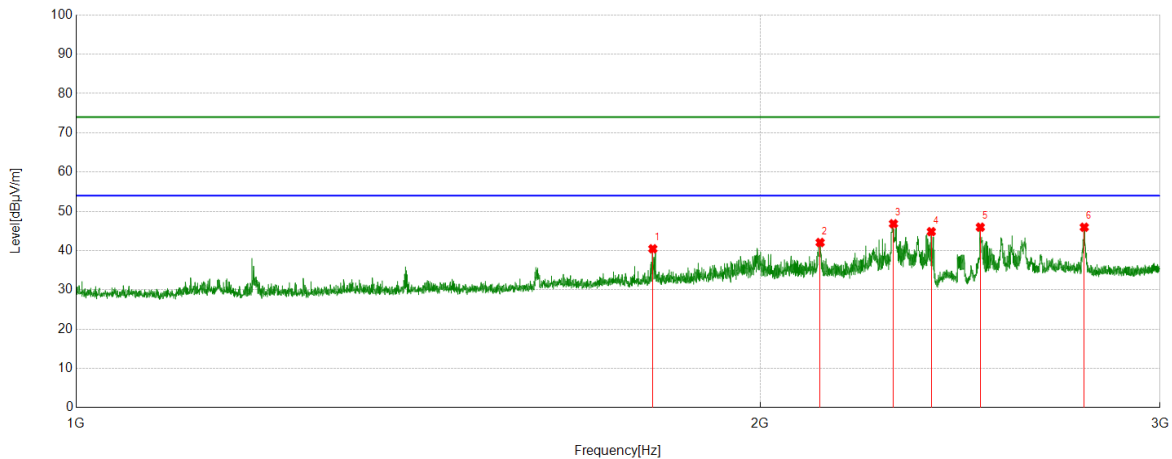
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2125.8907	63.23	-15.85	47.38	74.00	26.62	peak
2	2289.1611	66.32	-15.20	51.12	74.00	22.88	peak
3	2373.1716	64.56	-14.37	50.19	74.00	23.81	peak
4	2502.4378	63.35	-13.45	49.90	74.00	24.10	peak
5	2616.202	61.83	-13.20	48.63	74.00	25.37	peak
6	2779.7225	58.89	-12.90	45.99	74.00	28.01	peak

- 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

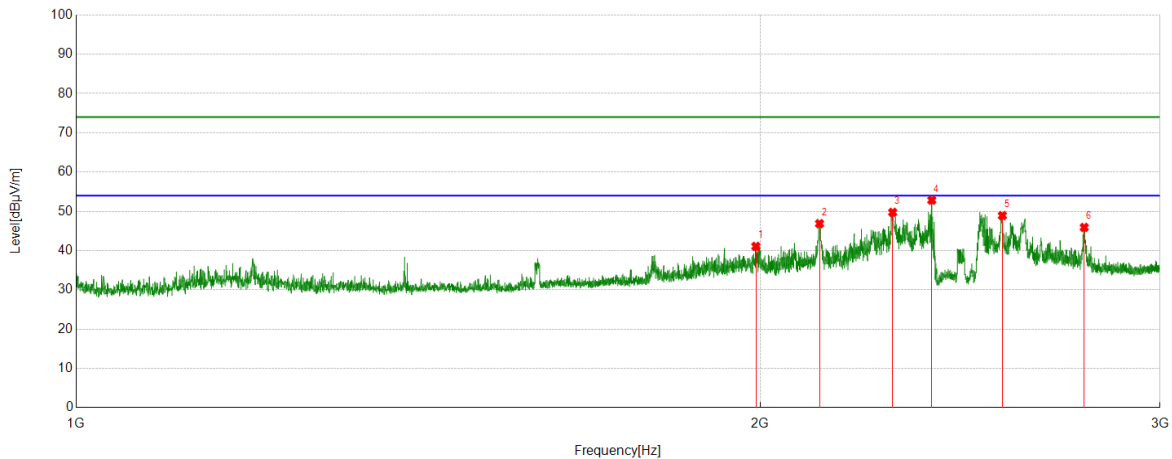


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1794.0993	58.29	-17.83	40.46	74.00	33.54	peak
2	2125.6407	57.91	-15.85	42.06	74.00	31.94	peak
3	2289.6612	62.04	-15.20	46.84	74.00	27.16	peak
4	2379.1724	59.06	-14.24	44.82	74.00	29.18	peak
5	2500.4376	59.39	-13.43	45.96	74.00	28.04	peak
6	2778.2223	58.86	-12.91	45.95	74.00	28.05	peak

- 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.



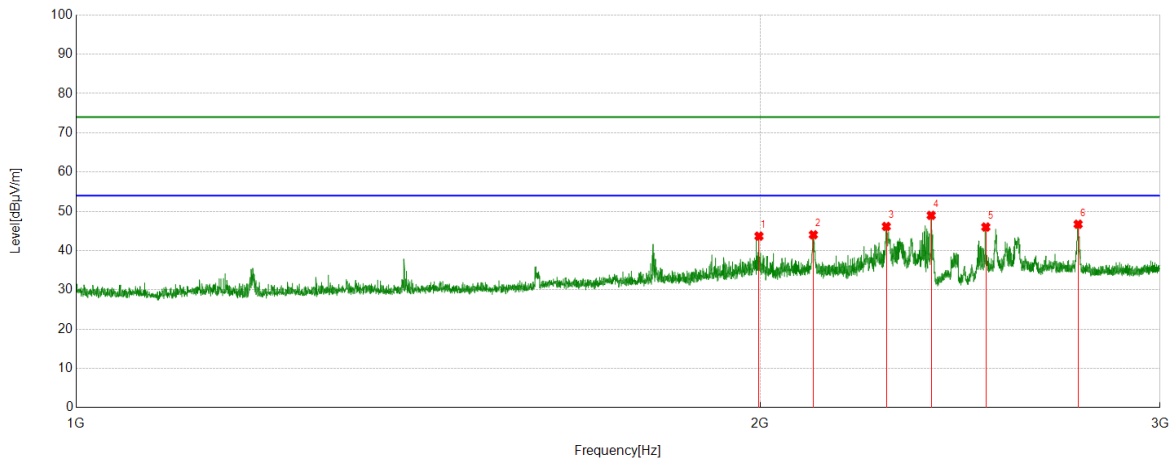
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1991.624	57.41	-16.33	41.08	74.00	32.92	peak
2	2124.3905	62.73	-15.86	46.87	74.00	27.13	peak
3	2287.911	64.95	-15.20	49.75	74.00	24.25	peak
4	2380.4226	67.05	-14.22	52.83	74.00	21.17	peak
5	2556.9446	62.71	-13.79	48.92	74.00	25.08	peak
6	2778.2223	58.82	-12.91	45.91	74.00	28.09	peak

- 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.

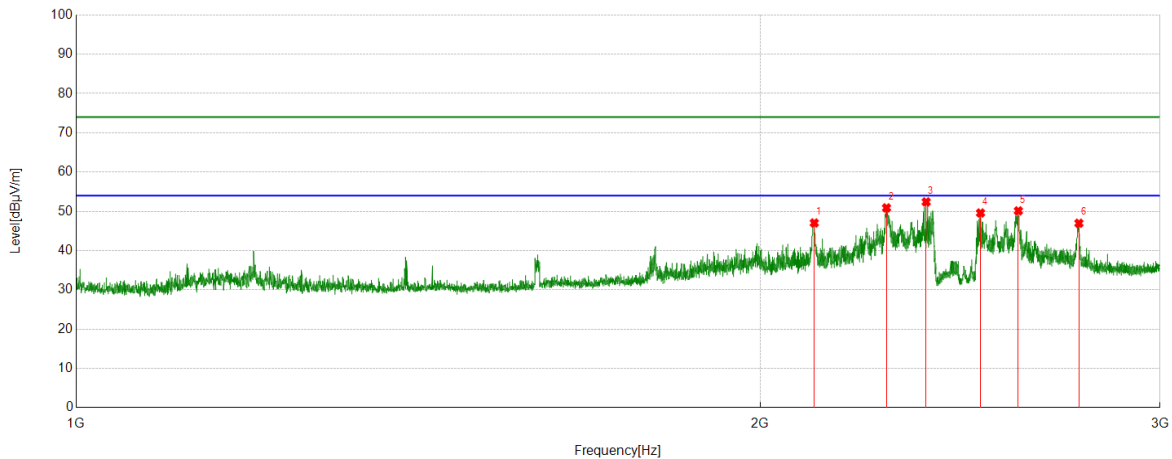
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1997.8747	59.97	-16.29	43.68	74.00	30.32	peak
2	2111.1389	59.91	-15.88	44.03	74.00	29.97	peak
3	2273.1591	61.57	-15.42	46.15	74.00	27.85	peak
4	2378.9224	63.21	-14.24	48.97	74.00	25.03	peak
5	2514.4393	59.63	-13.63	46.00	74.00	28.00	peak
6	2760.9701	59.61	-12.89	46.72	74.00	27.28	peak

- 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.

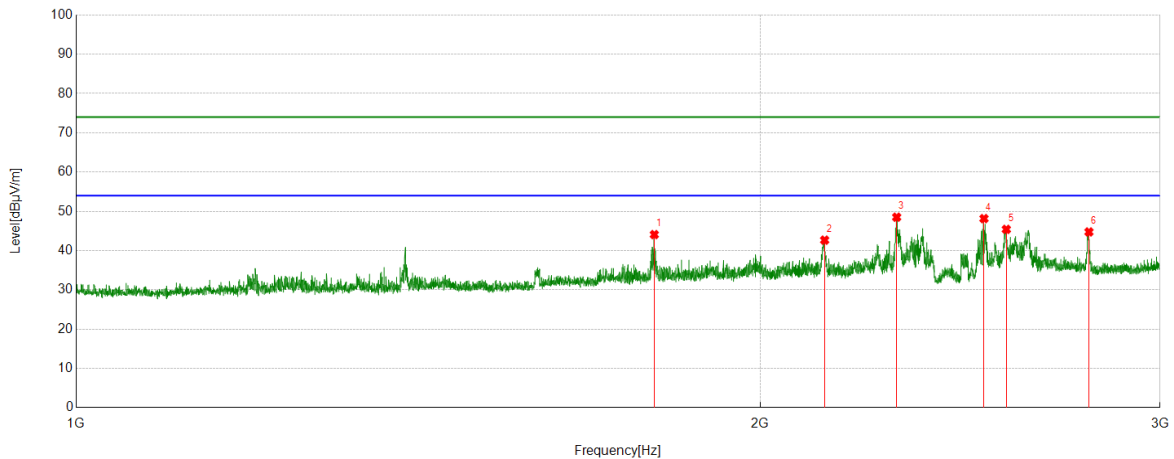
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2113.1391	62.91	-15.87	47.04	74.00	26.96	peak
2	2273.6592	66.29	-15.41	50.88	74.00	23.12	peak
3	2366.9209	66.94	-14.54	52.40	74.00	21.60	peak
4	2500.9376	63.01	-13.43	49.58	74.00	24.42	peak
5	2598.6998	63.37	-13.25	50.12	74.00	23.88	peak
6	2763.2204	59.88	-12.91	46.97	74.00	27.03	peak

- 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.

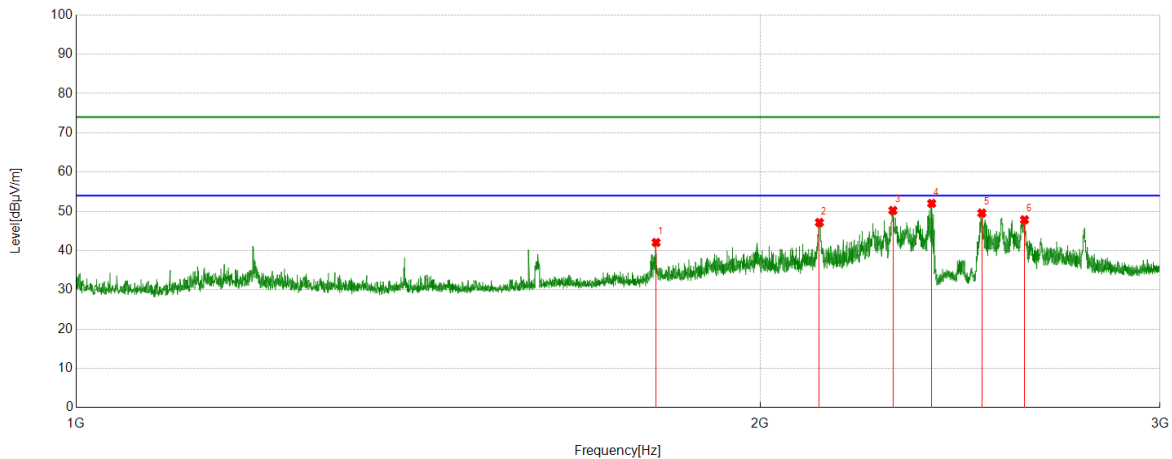
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1796.8496	61.84	-17.76	44.08	74.00	29.92	peak
2	2135.3919	58.38	-15.72	42.66	74.00	31.34	peak
3	2297.1621	63.88	-15.37	48.51	74.00	25.49	peak
4	2509.6887	61.67	-13.52	48.15	74.00	25.85	peak
5	2567.1959	58.96	-13.55	45.41	74.00	28.59	peak
6	2791.4739	57.56	-12.81	44.75	74.00	29.25	peak

- 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.

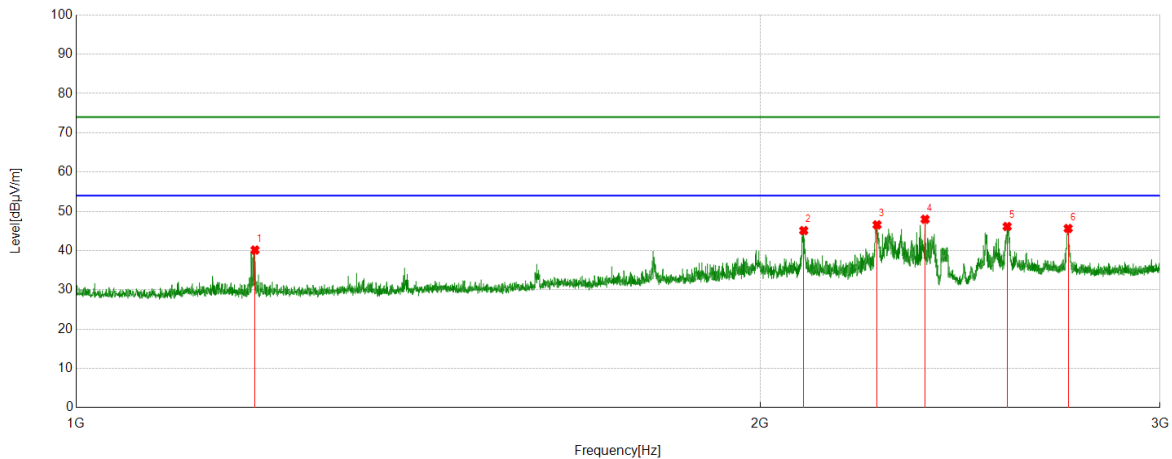
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1800.1	59.74	-17.68	42.06	74.00	31.94	peak
2	2124.1405	63.02	-15.86	47.16	74.00	26.84	peak
3	2288.4111	65.42	-15.20	50.22	74.00	23.78	peak
4	2380.1725	66.23	-14.22	52.01	74.00	21.99	peak
5	2504.4381	63.02	-13.46	49.56	74.00	24.44	peak
6	2614.9519	61.04	-13.20	47.84	74.00	26.16	peak

- 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.

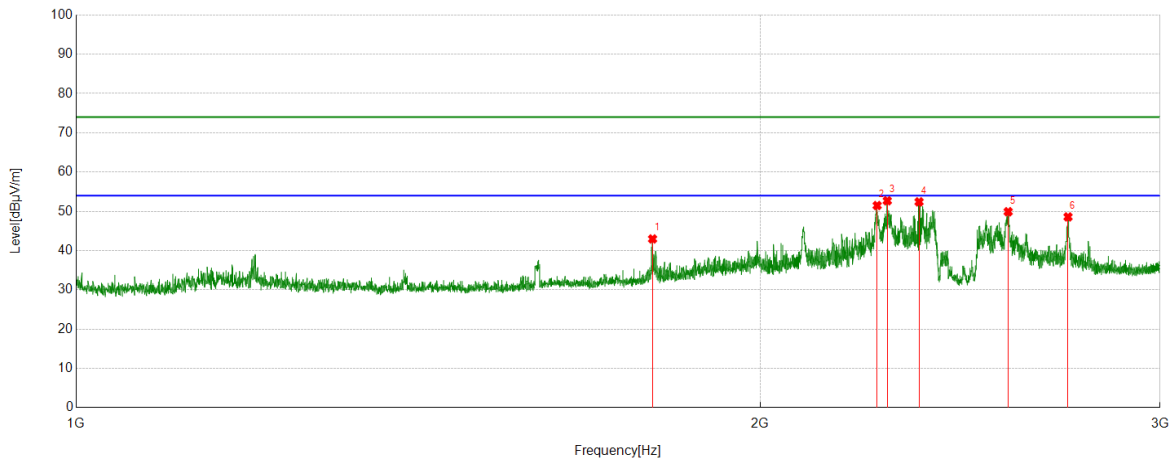
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1198.7748	62.12	-21.98	40.14	74.00	33.86	peak
2	2090.6363	61.20	-16.10	45.10	74.00	28.90	peak
3	2251.9065	61.56	-15.00	46.56	74.00	27.44	peak
4	2364.4206	62.61	-14.63	47.98	74.00	26.02	peak
5	2569.4462	59.60	-13.47	46.13	74.00	27.87	peak
6	2733.2167	58.12	-12.49	45.63	74.00	28.37	peak

- 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.

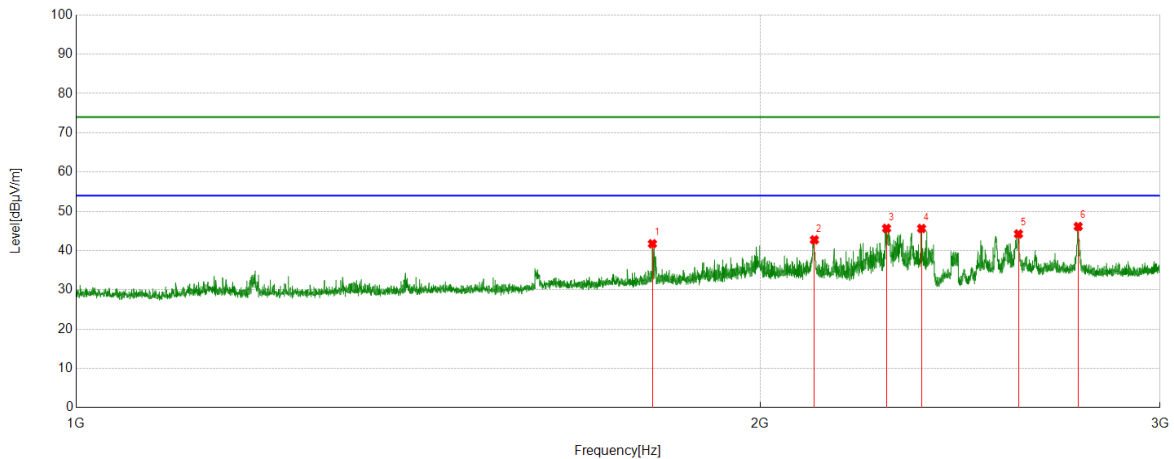
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1793.5992	60.81	-17.84	42.97	74.00	31.03	peak
2	2252.1565	66.48	-15.00	51.48	74.00	22.52	peak
3	2275.4094	68.05	-15.36	52.69	74.00	21.31	peak
4	2349.9187	67.17	-14.76	52.41	74.00	21.59	peak
5	2571.9465	63.37	-13.47	49.90	74.00	24.10	peak
6	2732.9666	61.06	-12.48	48.58	74.00	25.42	peak

- 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

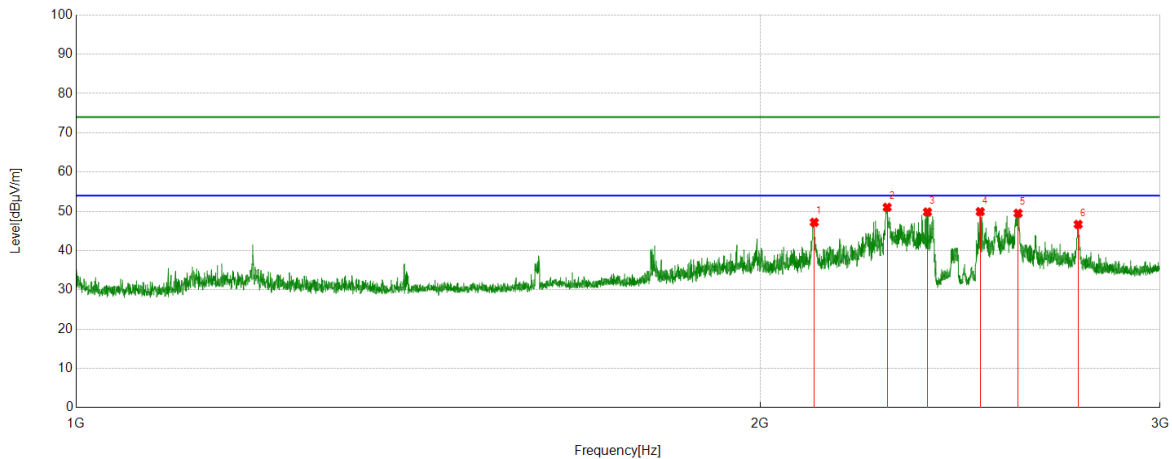


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1793.3492	59.59	-17.85	41.74	74.00	32.26	peak
2	2113.3892	58.61	-15.87	42.74	74.00	31.26	peak
3	2273.6592	61.07	-15.41	45.66	74.00	28.34	peak
4	2355.9195	60.41	-14.78	45.63	74.00	28.37	peak
5	2598.9499	57.48	-13.24	44.24	74.00	29.76	peak
6	2761.2202	59.03	-12.89	46.14	74.00	27.86	peak

- 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.



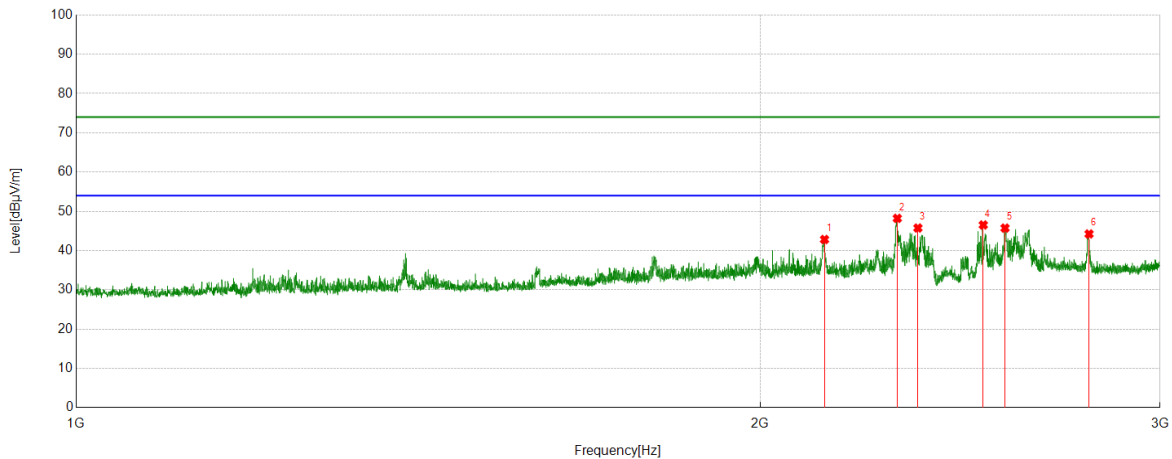
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2113.1391	63.07	-15.87	47.20	74.00	26.80	peak
2	2275.1594	66.39	-15.37	51.02	74.00	22.98	peak
3	2369.9212	64.25	-14.43	49.82	74.00	24.18	peak
4	2500.1875	63.33	-13.42	49.91	74.00	24.09	peak
5	2597.9497	62.75	-13.25	49.50	74.00	24.50	peak
6	2761.2202	59.56	-12.89	46.67	74.00	27.33	peak

- 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	2135.1419	58.55	-15.72	42.83	74.00	31.17	peak
2	2298.6623	63.61	-15.40	48.21	74.00	25.79	peak
3	2347.1684	60.50	-14.75	45.75	74.00	28.25	peak
4	2507.9385	60.03	-13.50	46.53	74.00	27.47	peak
5	2563.9455	59.38	-13.65	45.73	74.00	28.27	peak
6	2791.724	57.05	-12.81	44.24	74.00	29.76	peak

- 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.