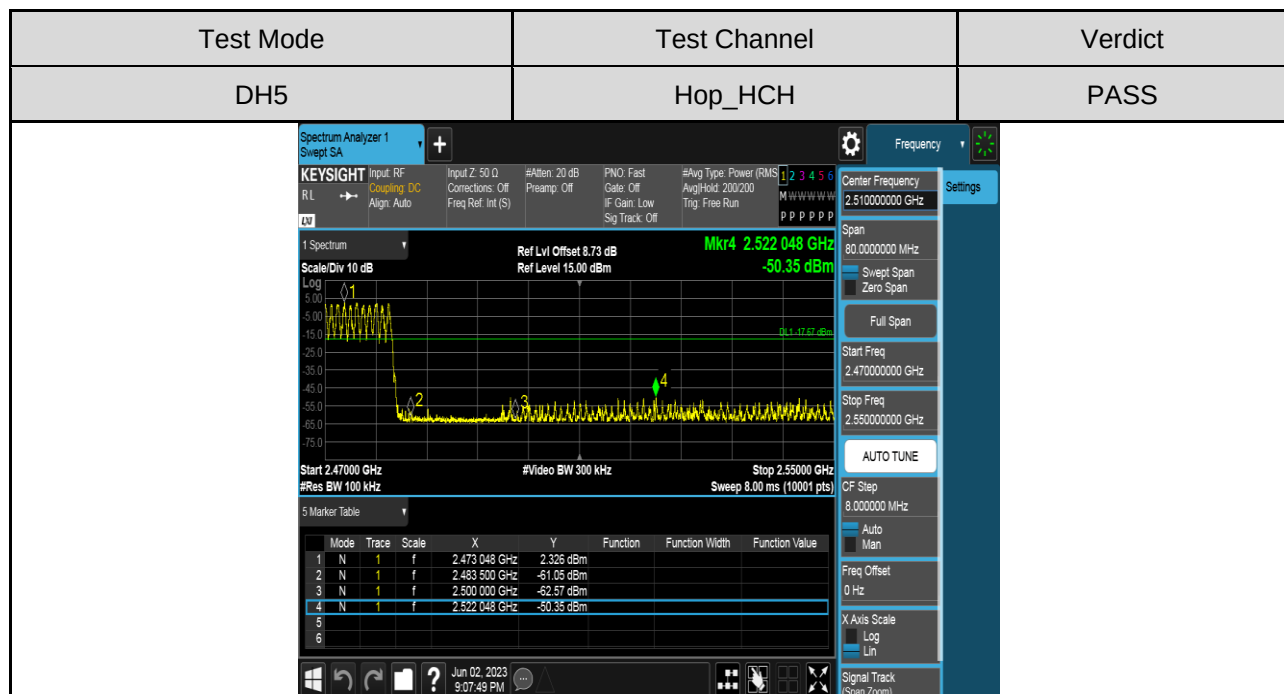
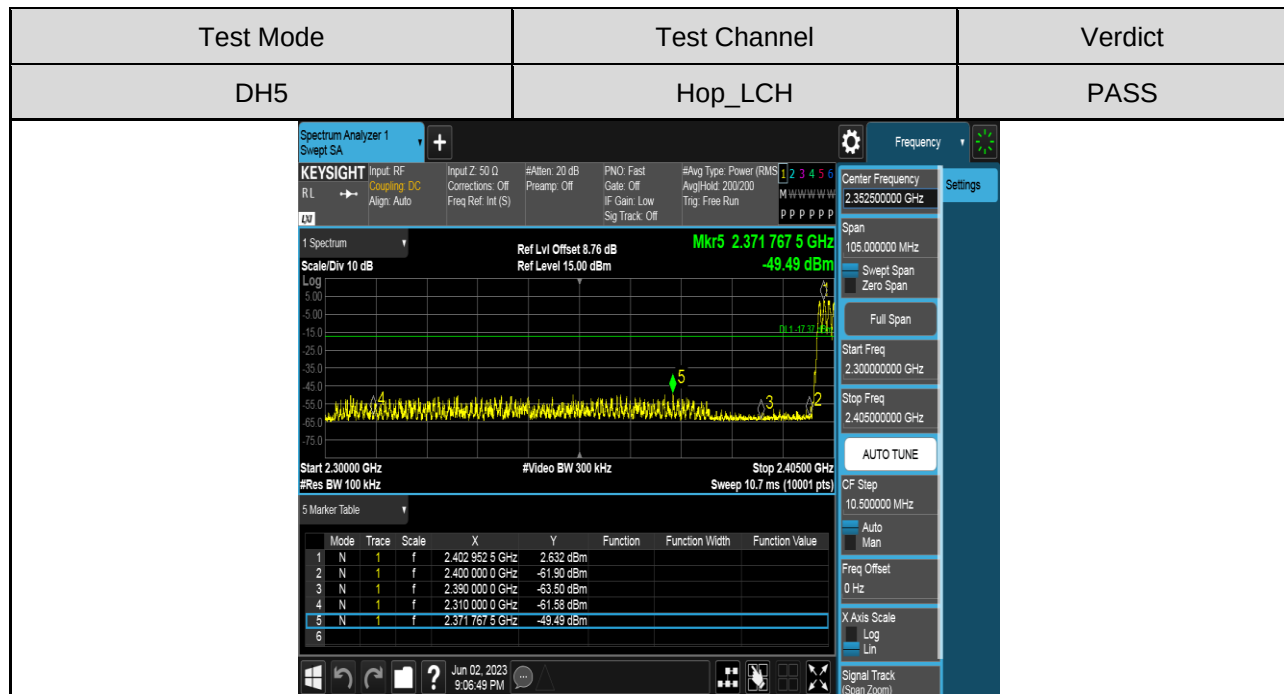
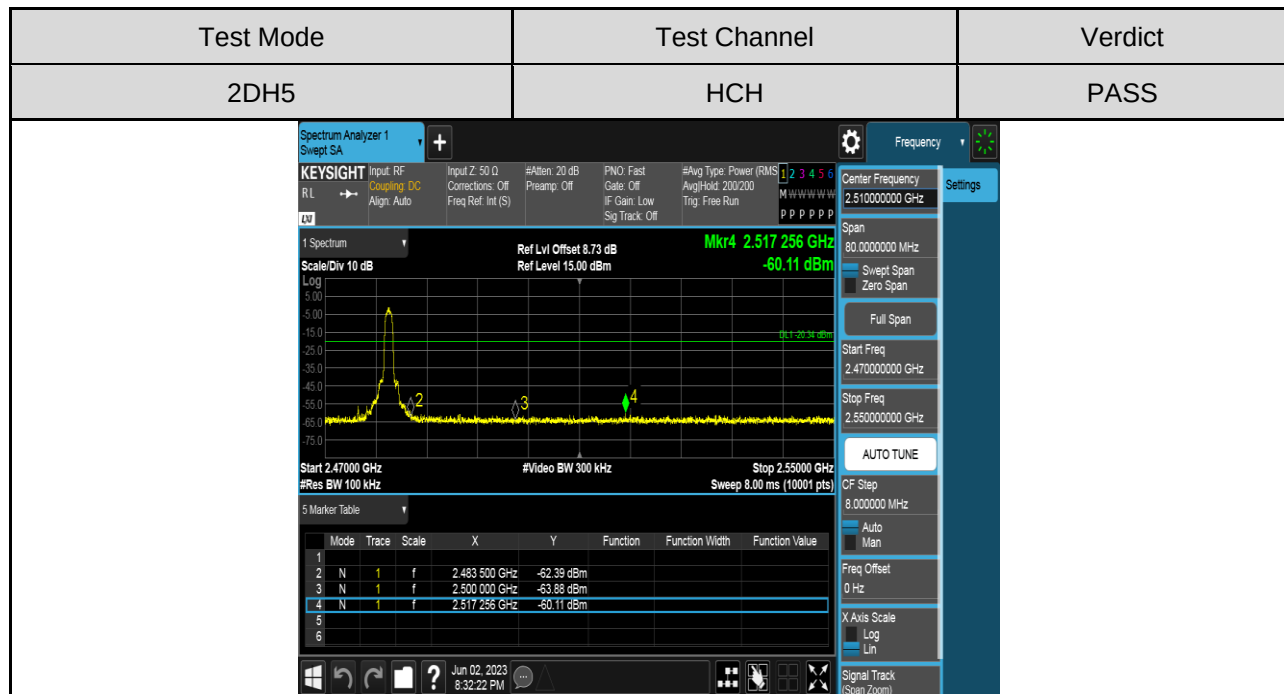
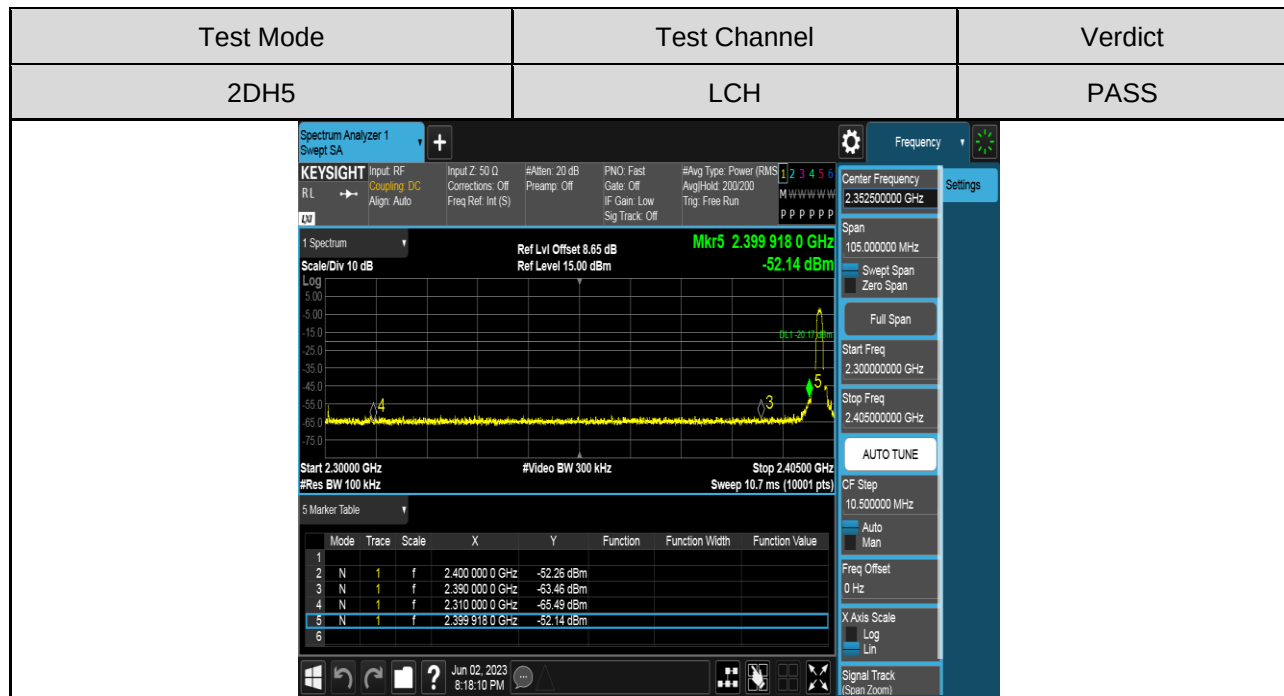
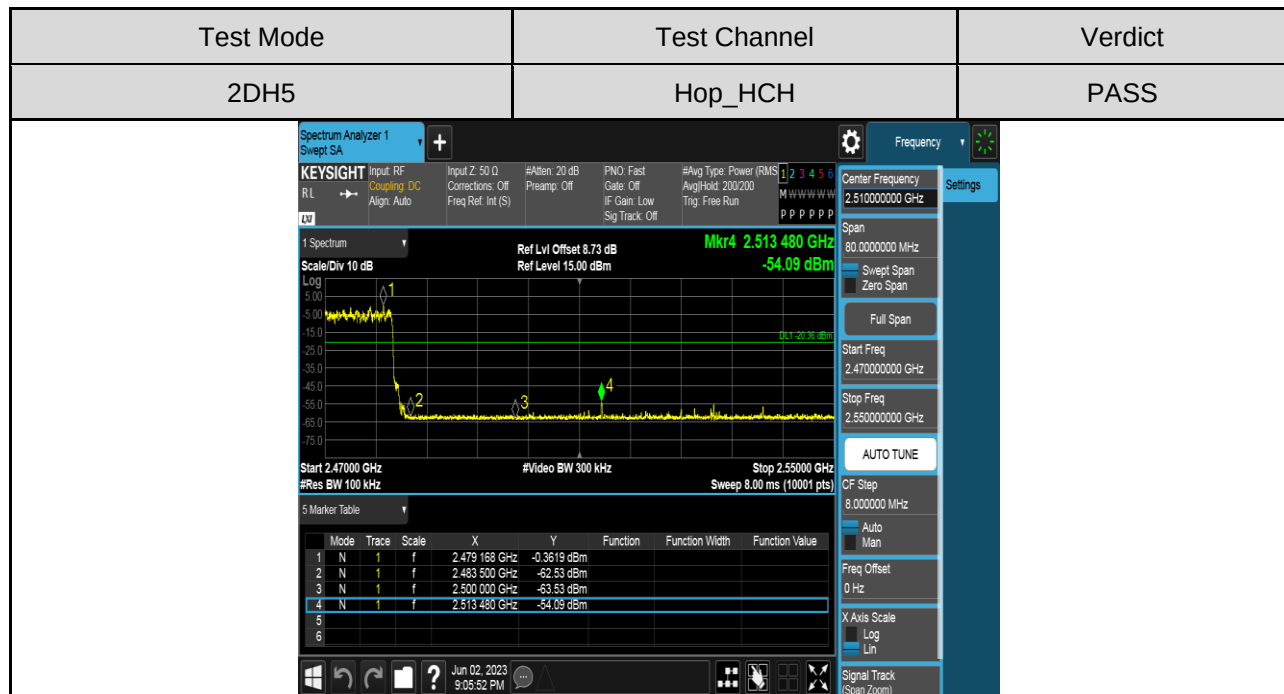
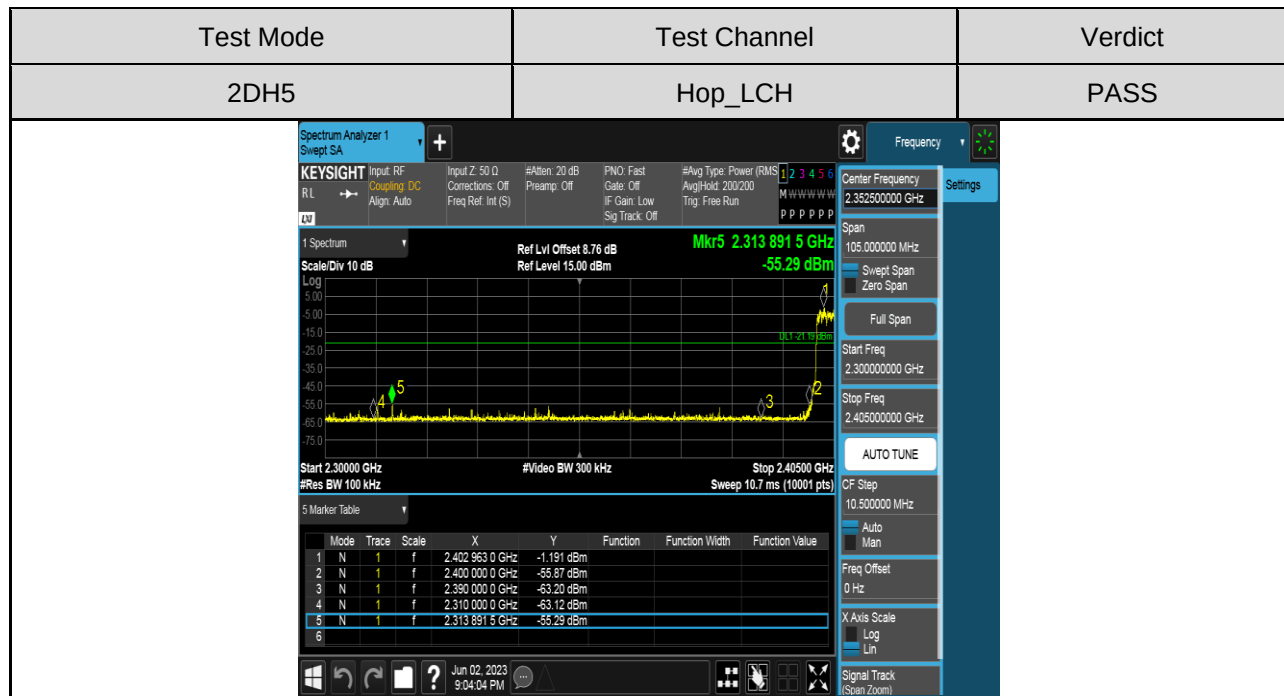
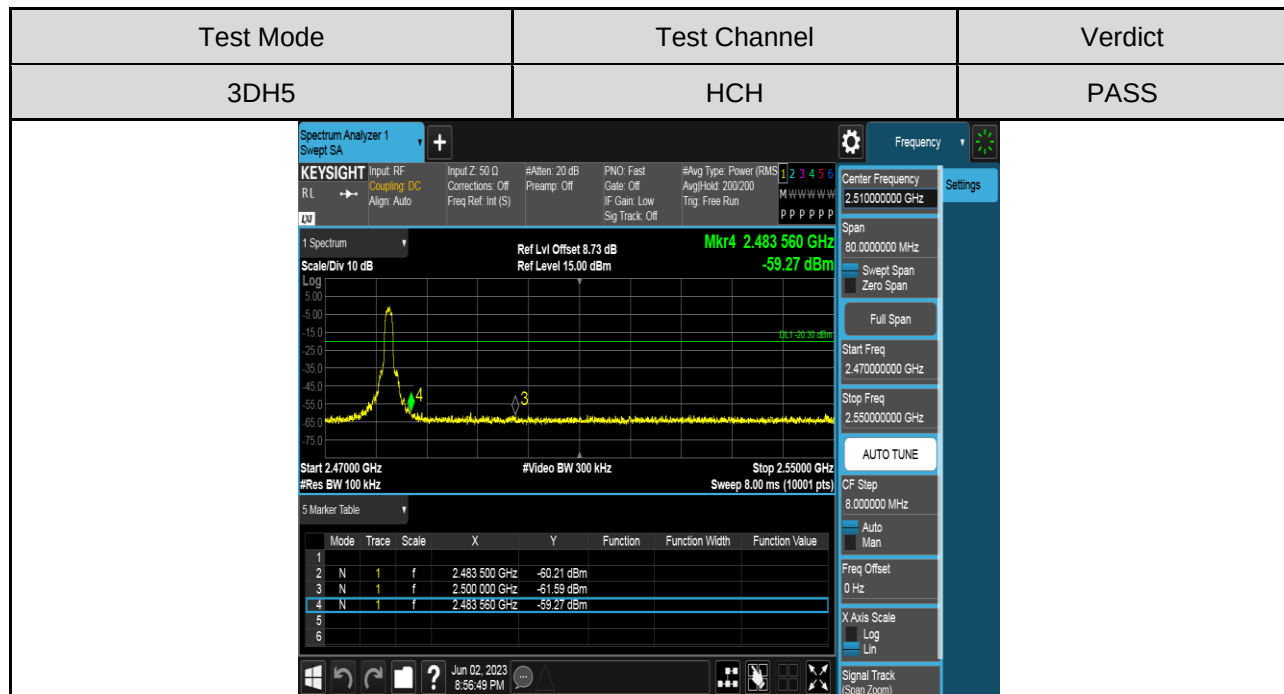
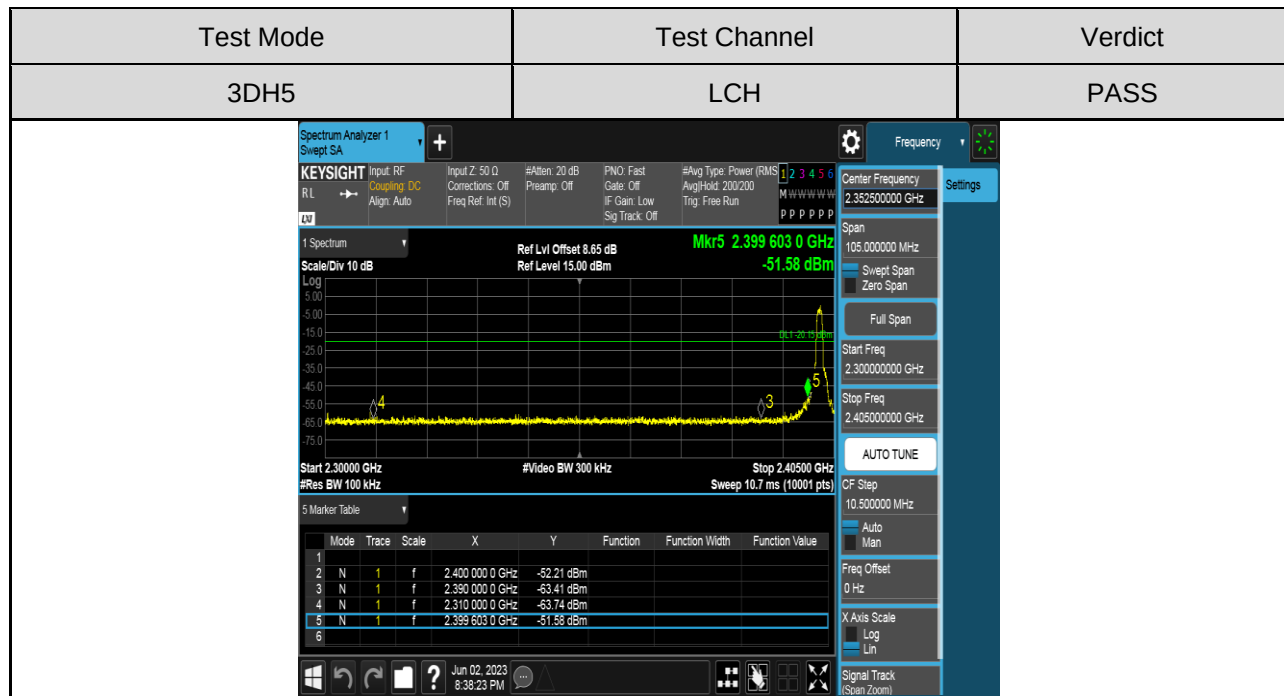
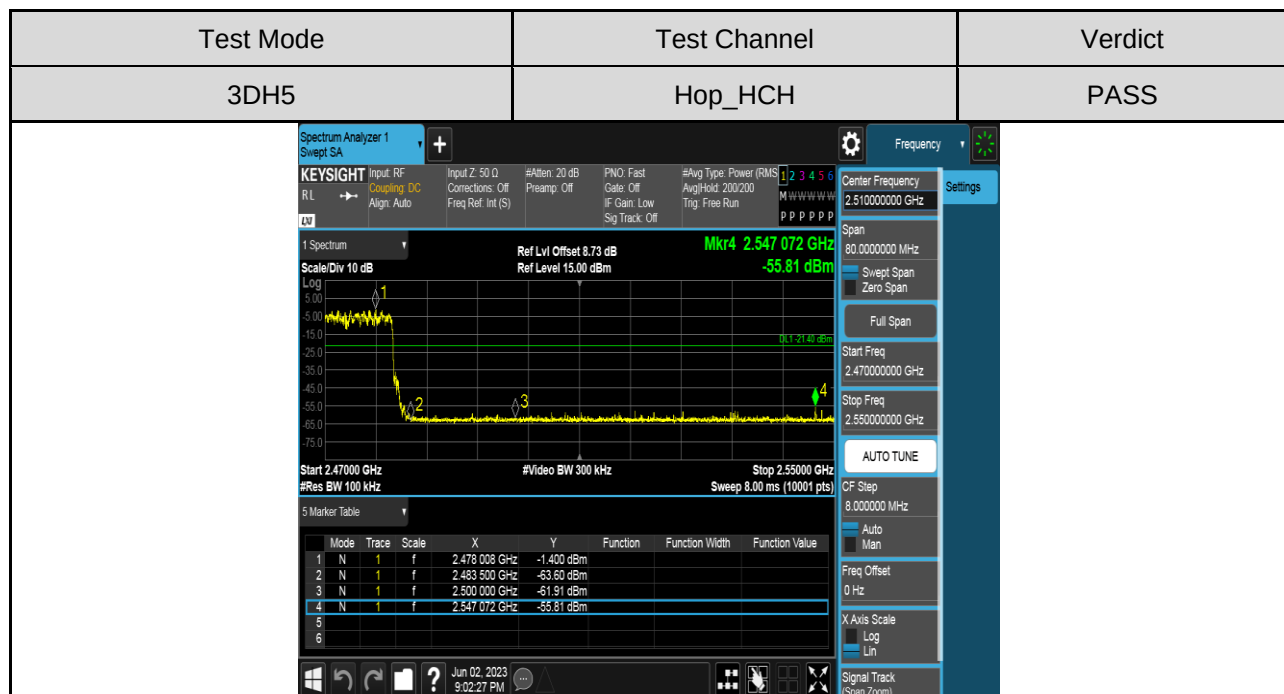
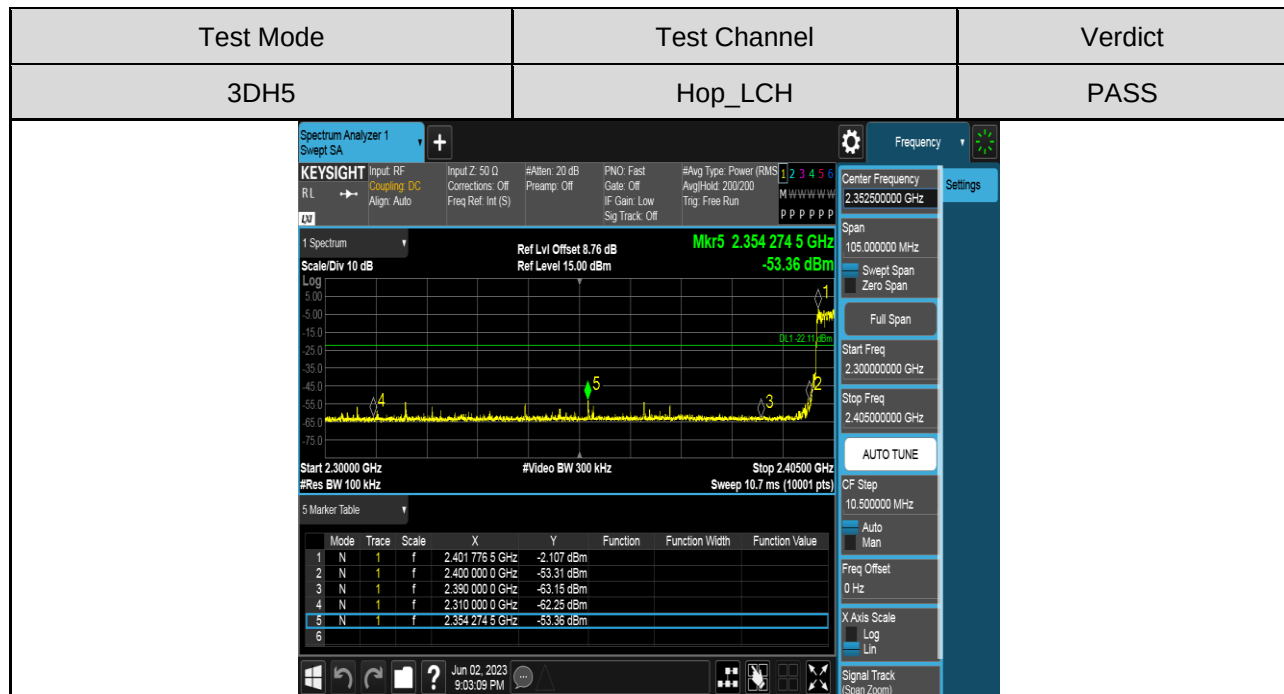










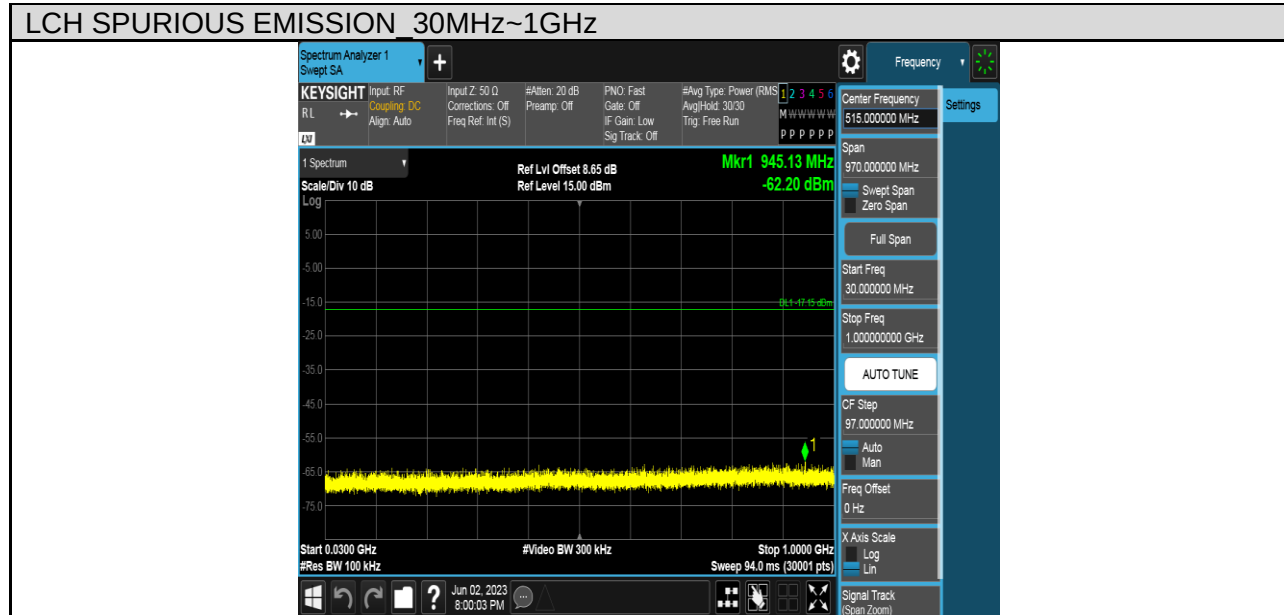


PART 3: CONDUCTED SPURIOUS EMISSION**TEST RESULTS TABLE**

Test Mode	Test Channel	Result	Verdict
DH5	LCH	Refer to the Test Graph	PASS
	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
2DH5	LCH	Refer to the Test Graph	PASS
	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
3DH5	LCH	Refer to the Test Graph	PASS
	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS

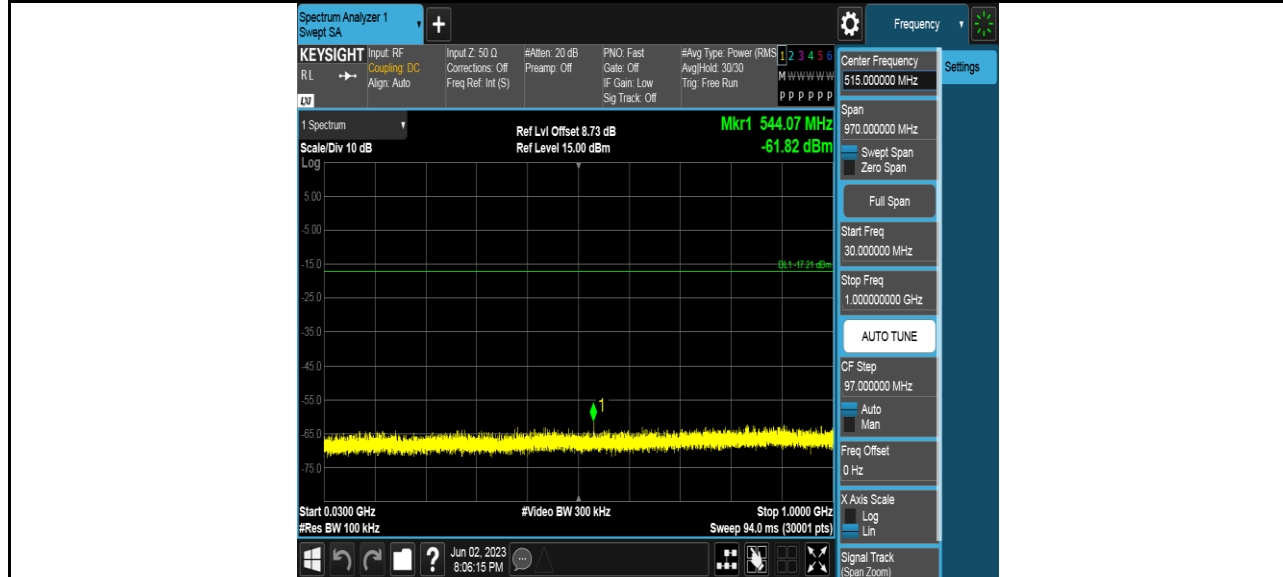
TEST GRAPHS

Test Mode	Channel	Verdict
DH5	LCH	PASS

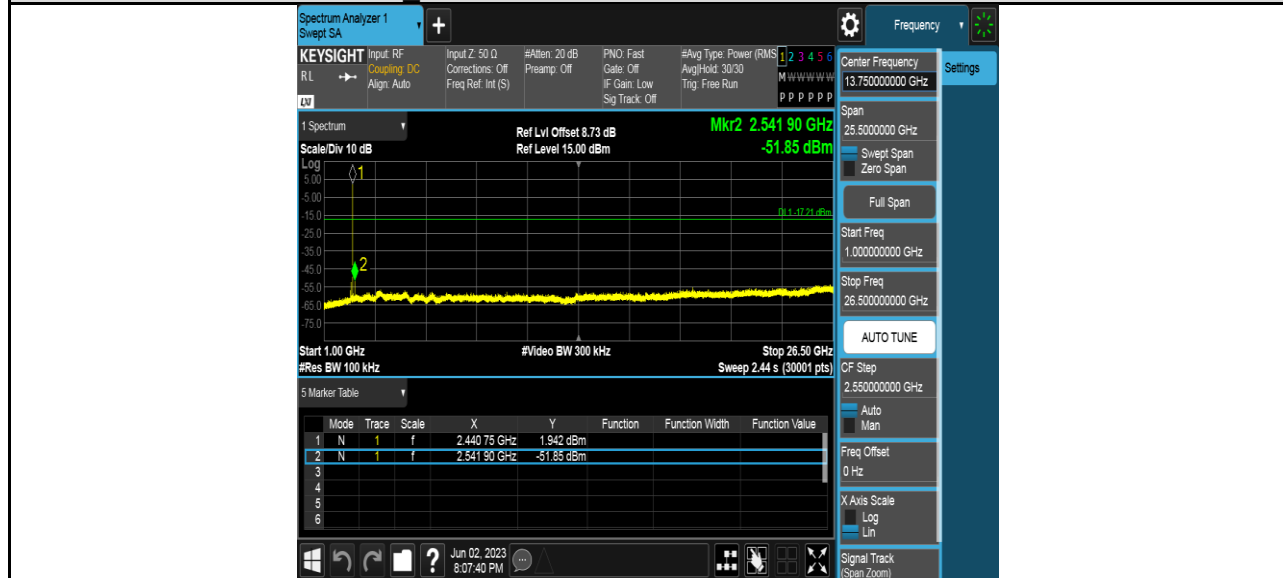


Test Mode	Channel	Verdict
DH5	MCH	PASS

MCH SPURIOUS EMISSION 30MHz~1GHz

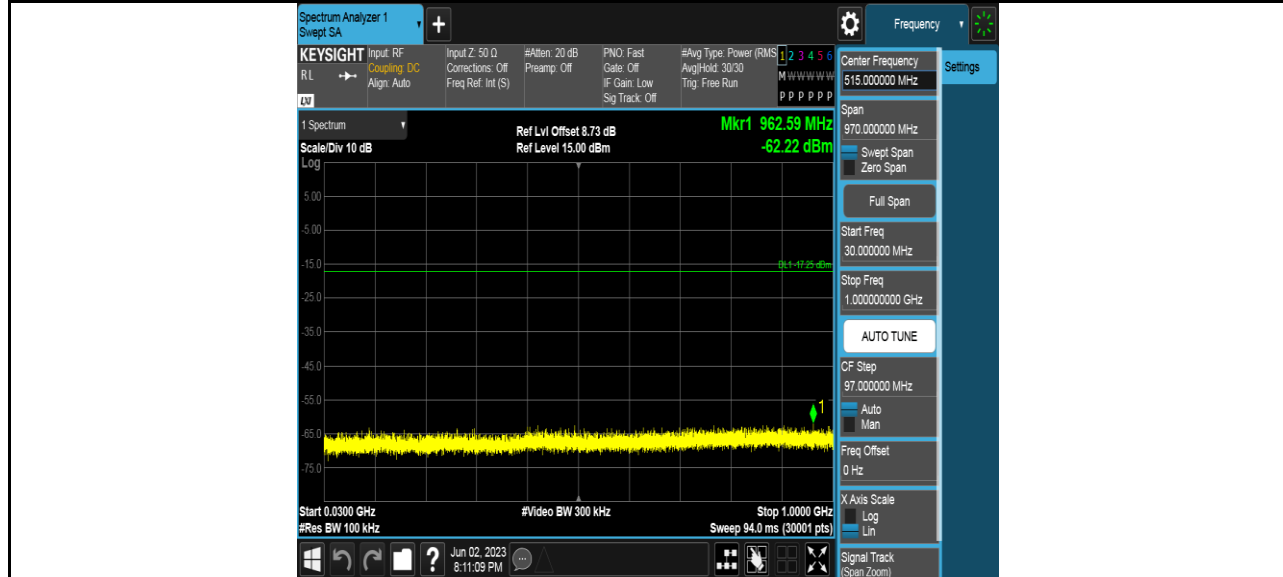


MCH SPURIOUS EMISSION 1GHz~26.5GHz

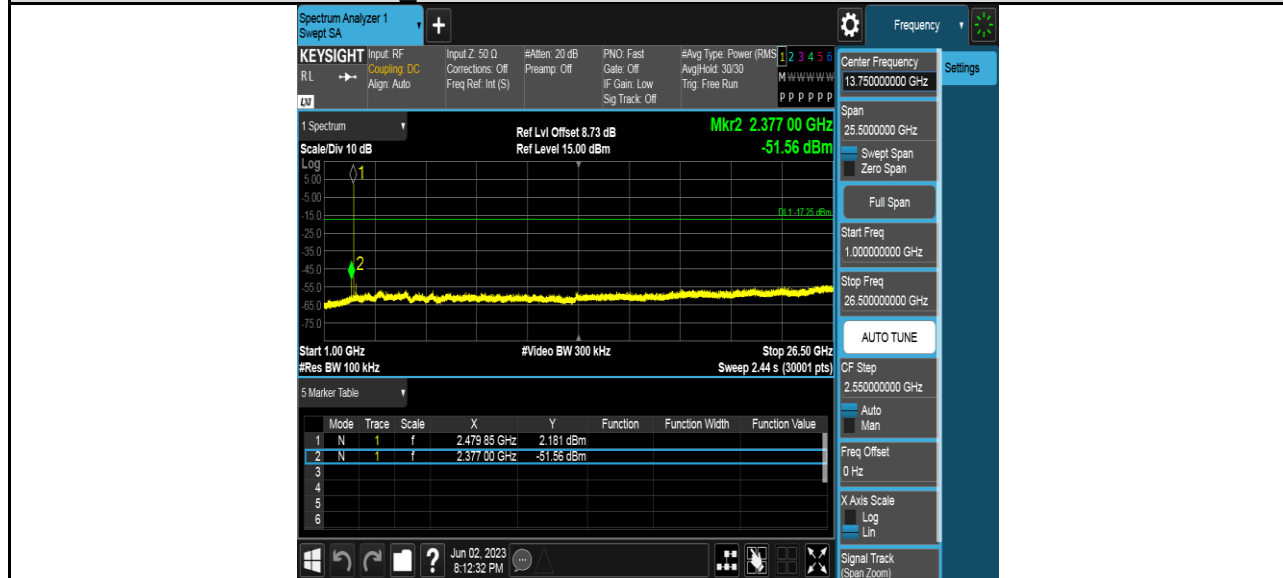


Test Mode	Channel	Verdict
DH5	HCH	PASS

HCH SPURIOUS EMISSION 30MHz~1GHz

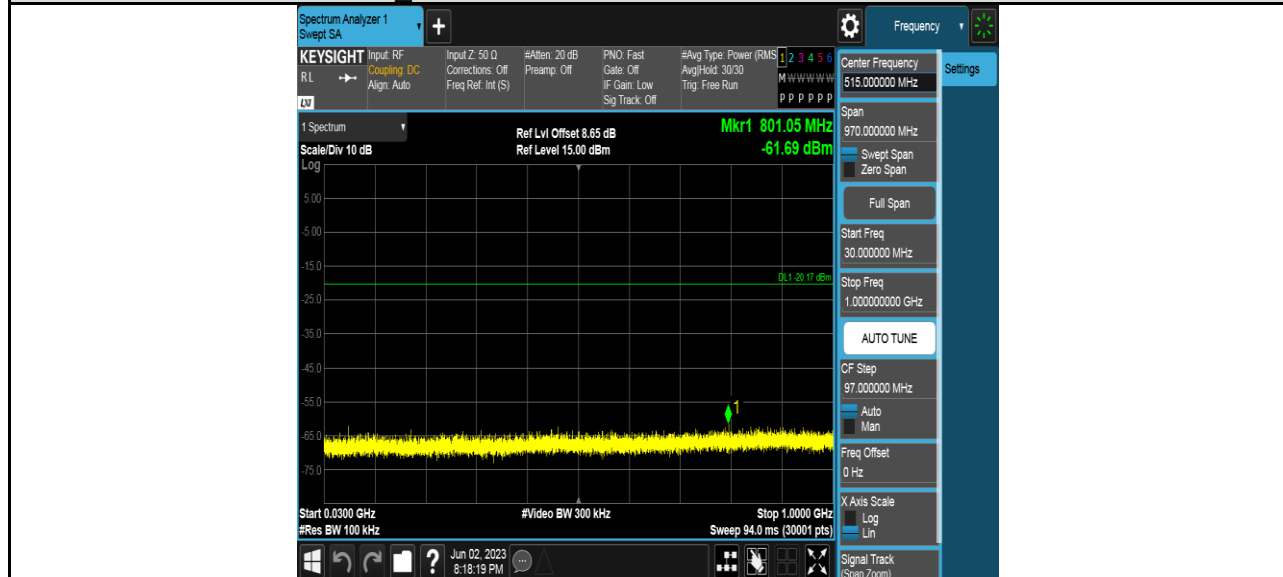


HCH SPURIOUS EMISSION 1GHz~26.5GHz



Test Mode	Channel	Verdict
2DH5	LCH	PASS

LCH SPURIOUS EMISSION 30MHz~1GHz

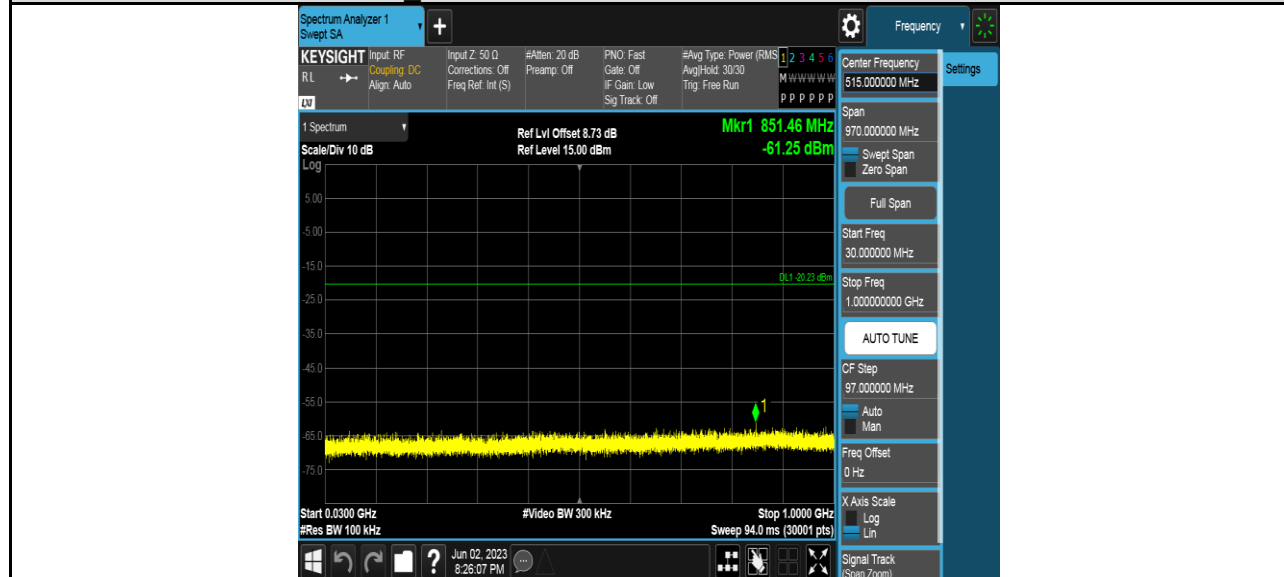


LCH SPURIOUS EMISSION 1GHz~26.5GHz



Test Mode	Channel	Verdict
2DH5	MCH	PASS

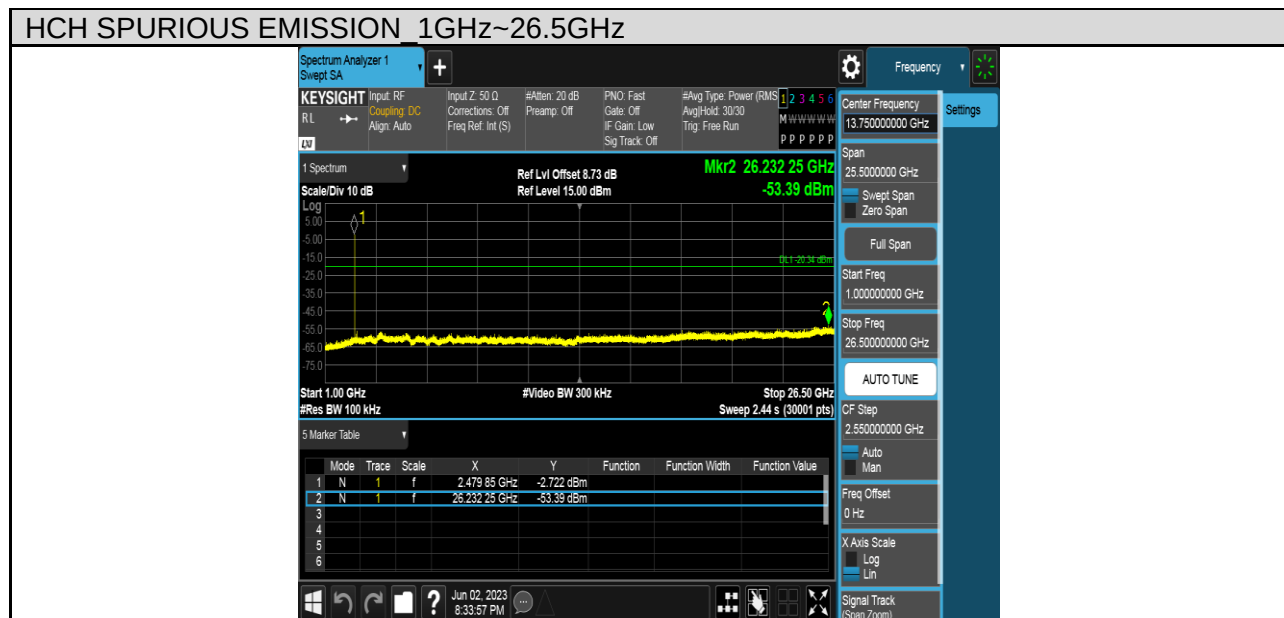
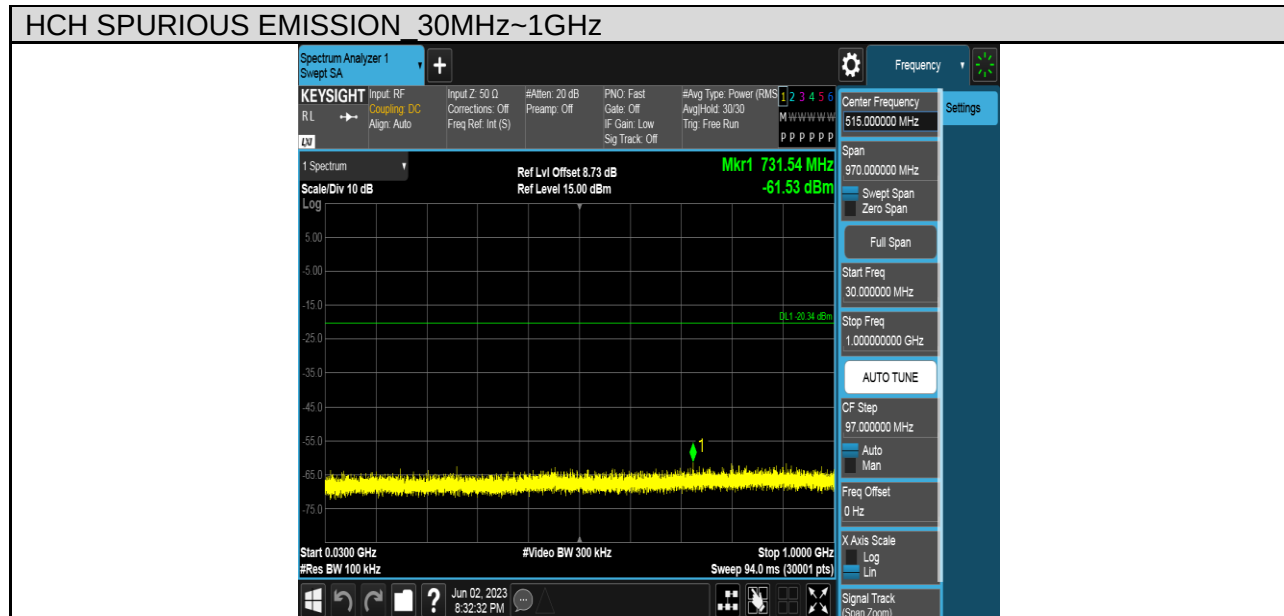
MCH SPURIOUS EMISSION 30MHz~1GHz



MCH SPURIOUS EMISSION 1GHz~26.5GHz



Test Mode	Channel	Verdict
2DH5	HCH	PASS

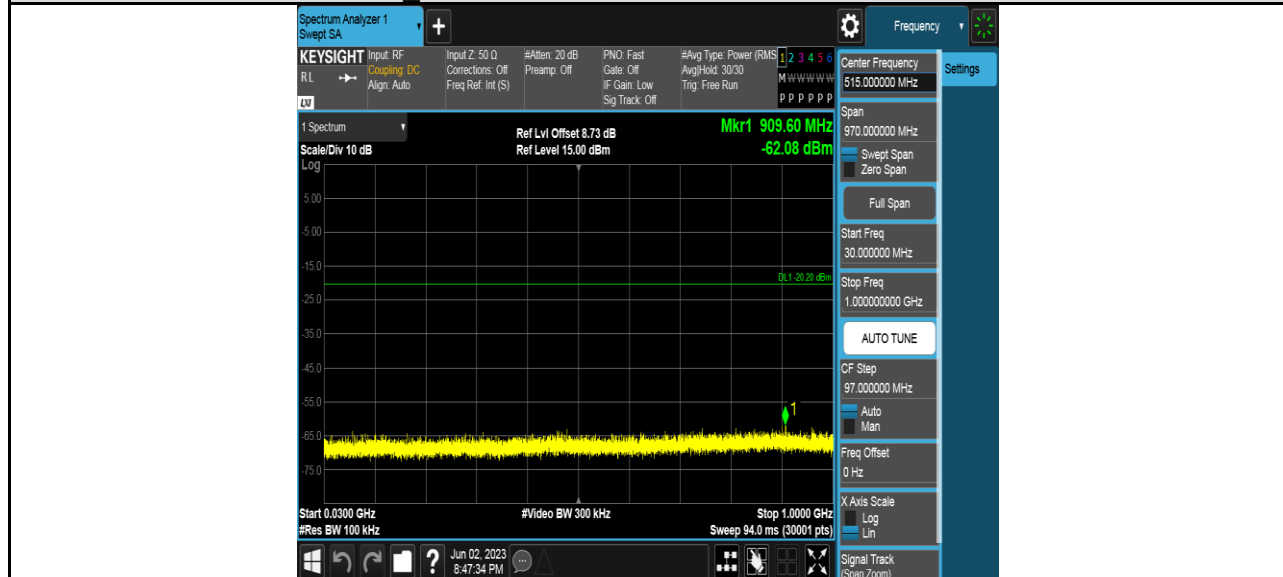


Test Mode	Channel	Verdict
3DH5	LCH	PASS



Test Mode	Channel	Verdict
3DH5	MCH	PASS

MCH SPURIOUS EMISSION 30MHz~1GHz

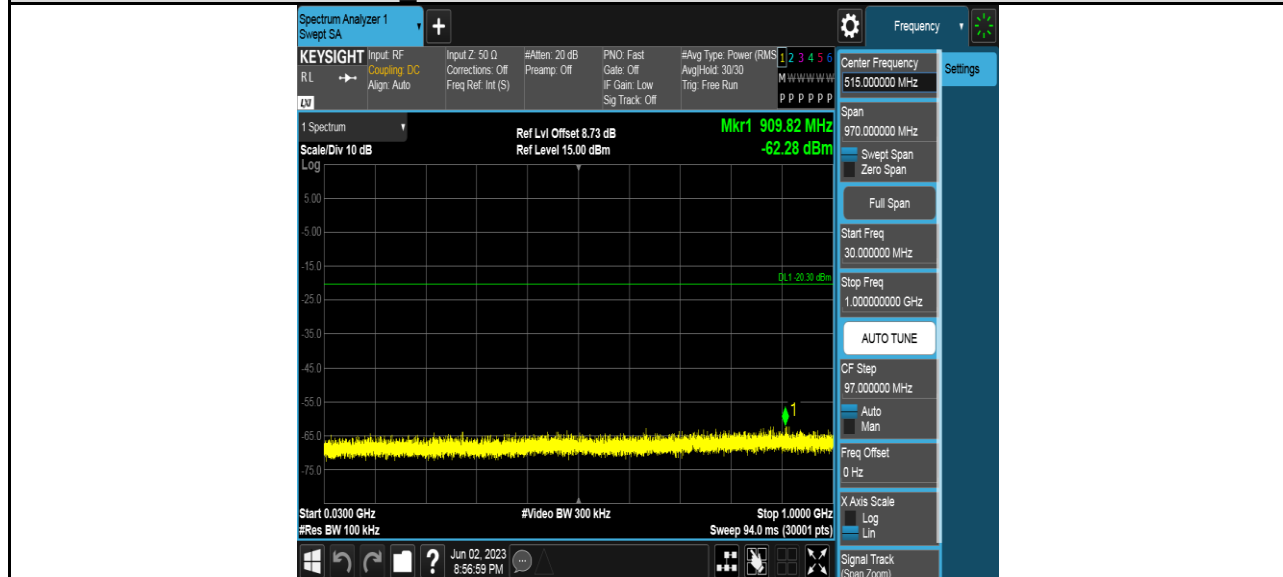


MCH SPURIOUS EMISSION 1GHz~26.5GHz



Test Mode	Channel	Verdict
3DH5	HCH	PASS

HCH SPURIOUS EMISSION 30MHz~1GHz



HCH SPURIOUS EMISSION 1GHz~26.5GHz



7. RADIATED TEST RESULTS

7.1. 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

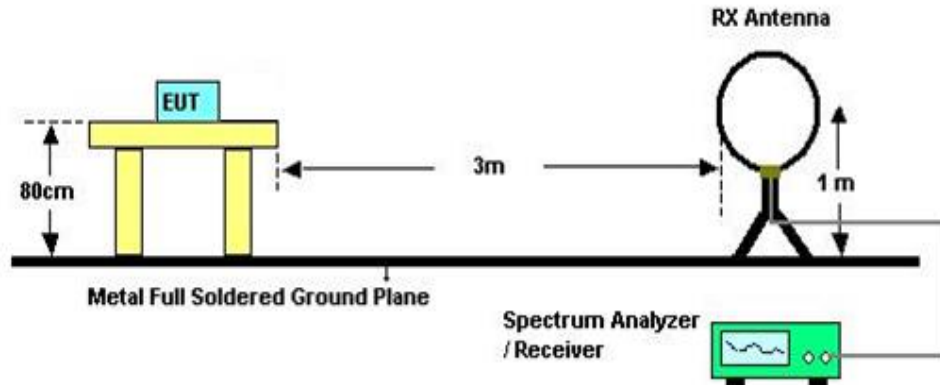
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	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

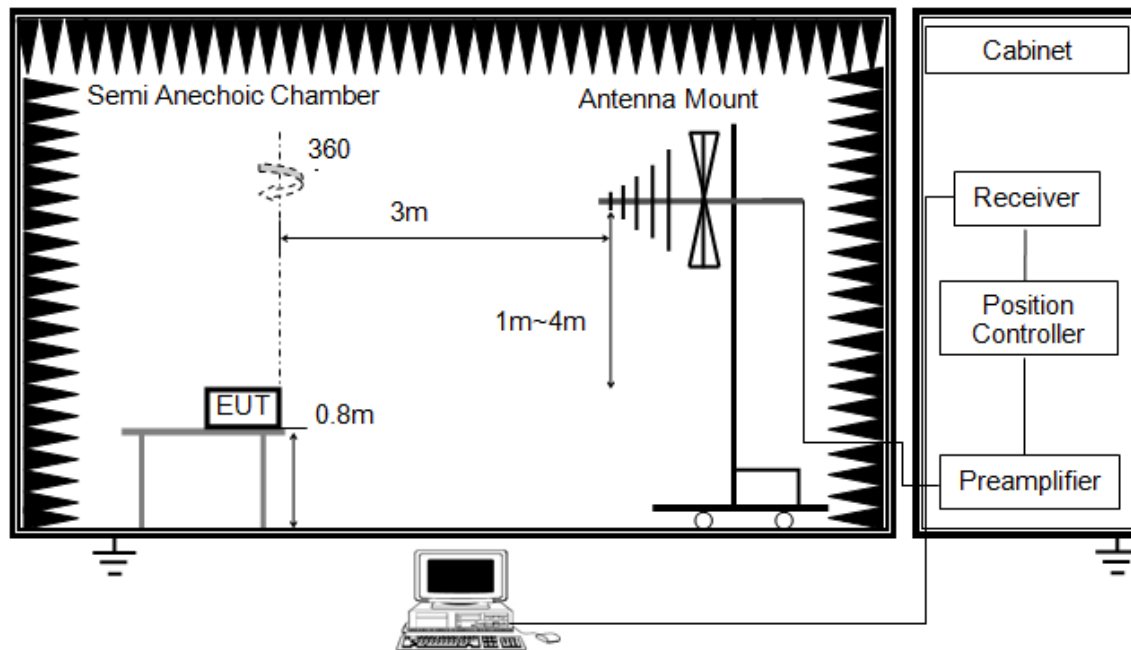


The setting of the spectrum analyser

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

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

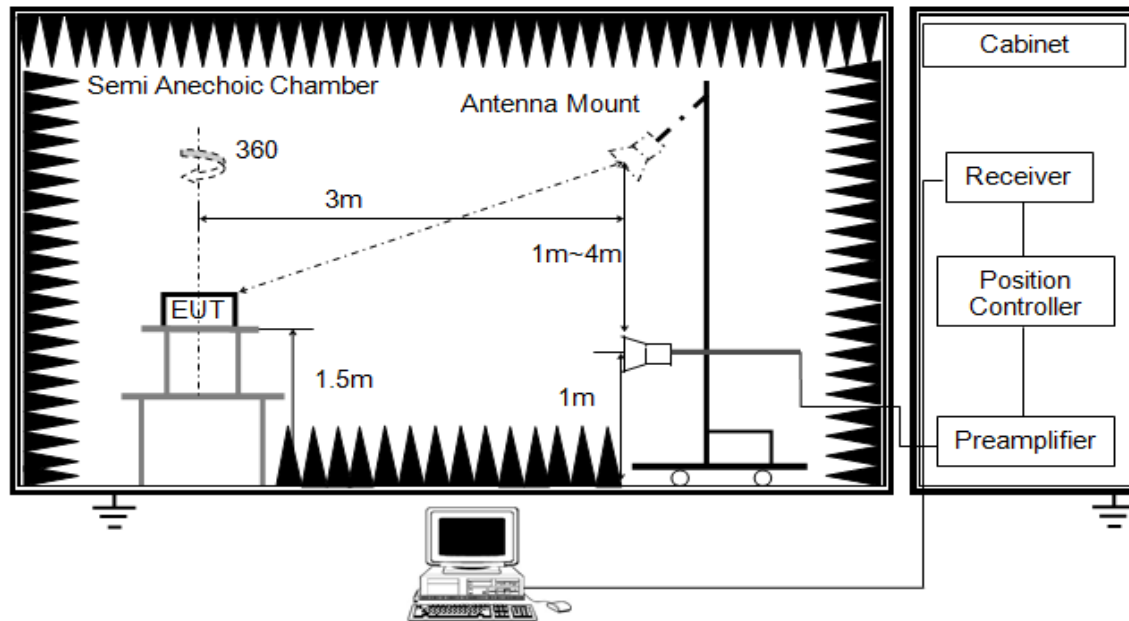


The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 0.8 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
6. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Above 1G

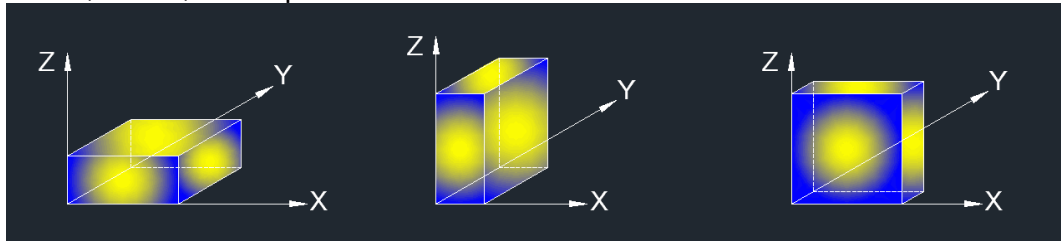


The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz, the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements; and 1 MHz resolution bandwidth with video bandwidth $\geq 1/T$ 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 each of three orthogonal axis emissions had been tested, but only the worse case (Y axis) data recorded in the report.

7.2. TEST ENVIRONMENT

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

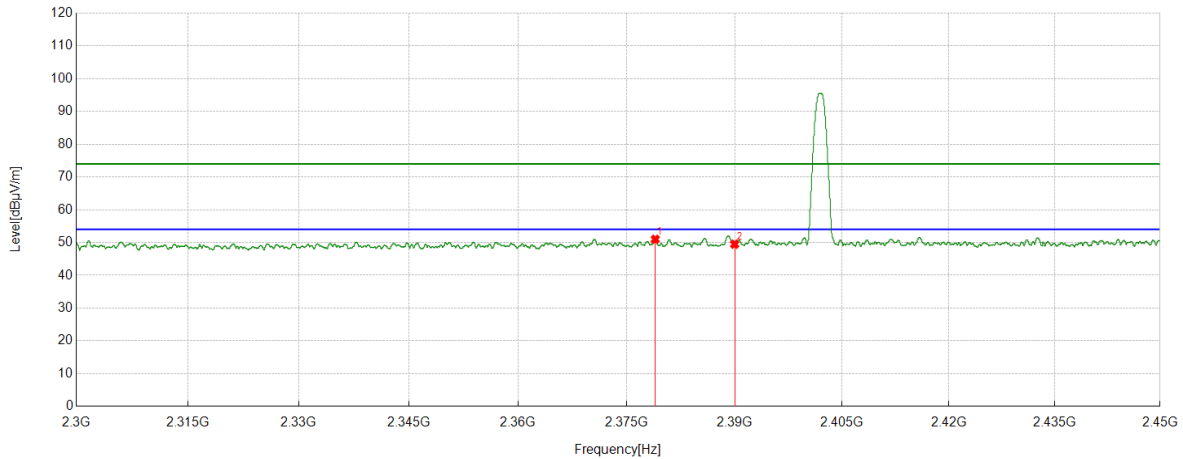
7.3. RESTRICTED BANDEDGE

TEST RESULT TABLE

Test Mode	Channel	Puw(dBm)	Verdict
DH5	LCH	<Limit	PASS
	HCH	<Limit	PASS
2DH5	LCH	<Limit	PASS
	HCH	<Limit	PASS
3DH5	LCH	<Limit	PASS
	HCH	<Limit	PASS

TEST GRAPHS

Test Mode	Channel	Polarization	Verdict
DH5	LCH	Horizontal	PASS

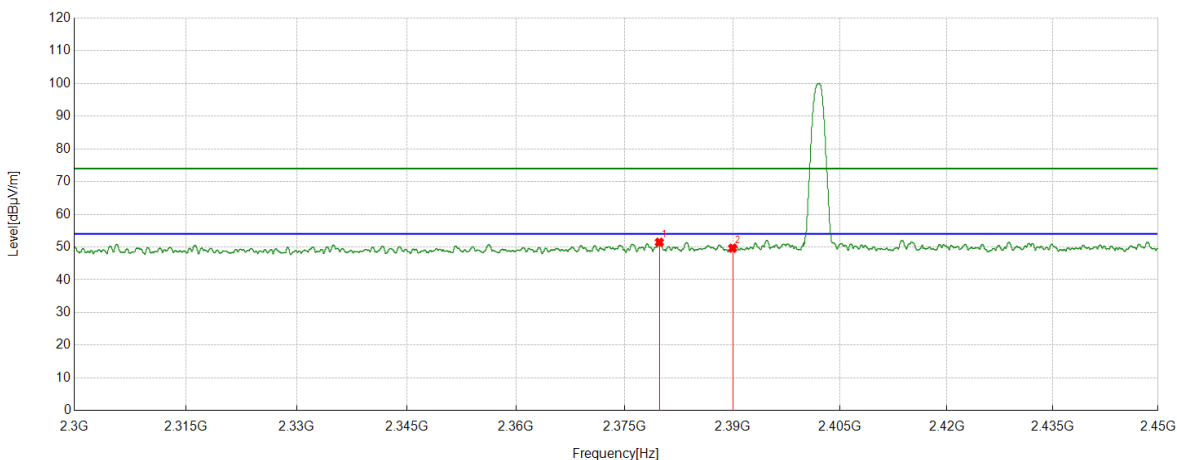


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2378.9661	40.72	10.28	51.00	74.00	-23.00	Horizontal
2	2390.0000	39.15	10.35	49.50	74.00	-24.50	Horizontal

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

Test Mode	Channel	Polarization	Verdict
DH5	LCH	Vertical	PASS

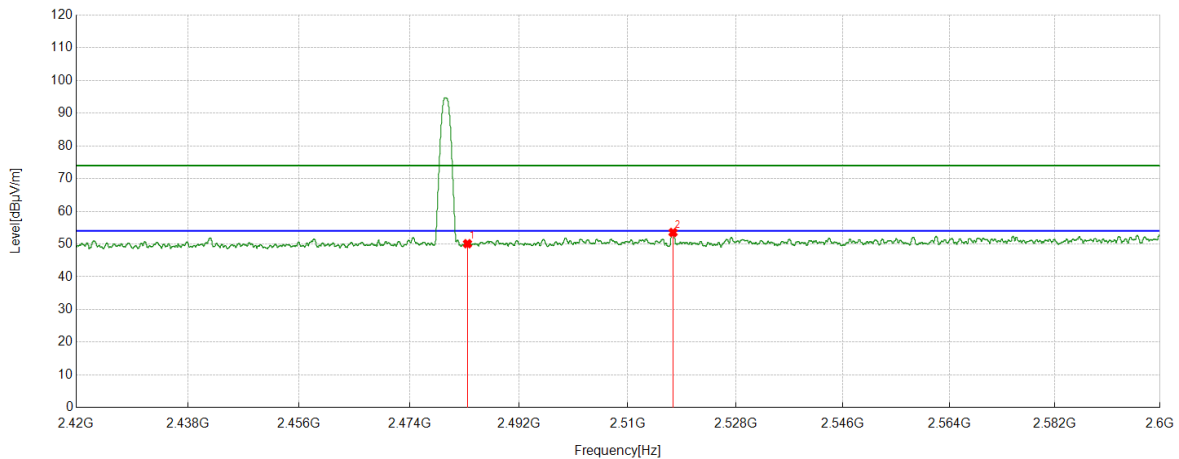


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2379.81	41.16	10.30	51.46	74.00	-22.54	Vertical
2	2390.0000	39.32	10.35	49.67	74.00	-24.33	Vertical

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

Test Mode	Channel	Polarization	Verdict
DH5	HCH	Horizontal	PASS

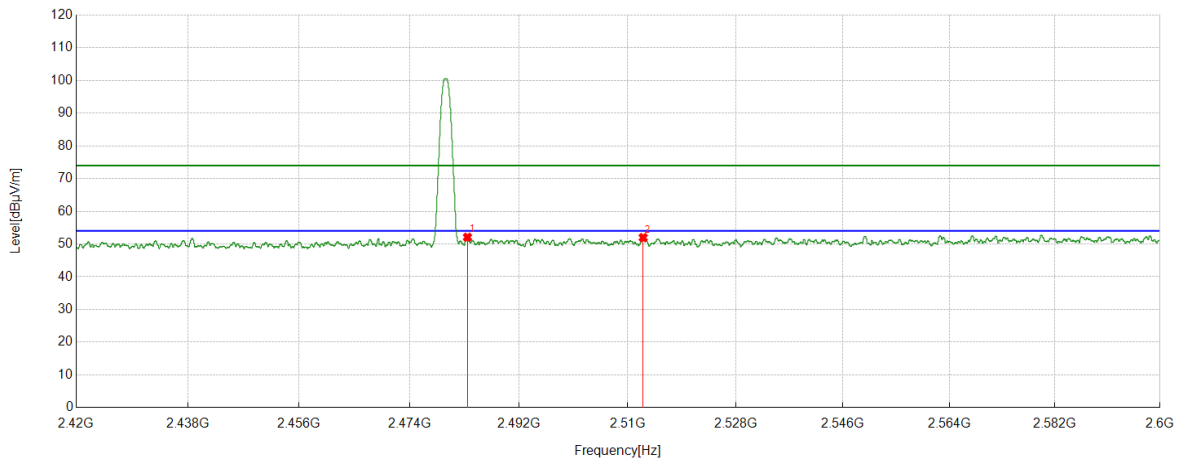


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.47	10.64	50.11	74.00	-23.89	Horizontal
2	2517.5272	42.51	11.03	53.54	74.00	-20.46	Horizontal

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

Test Mode	Channel	Polarization	Verdict
DH5	HCH	Vertical	PASS

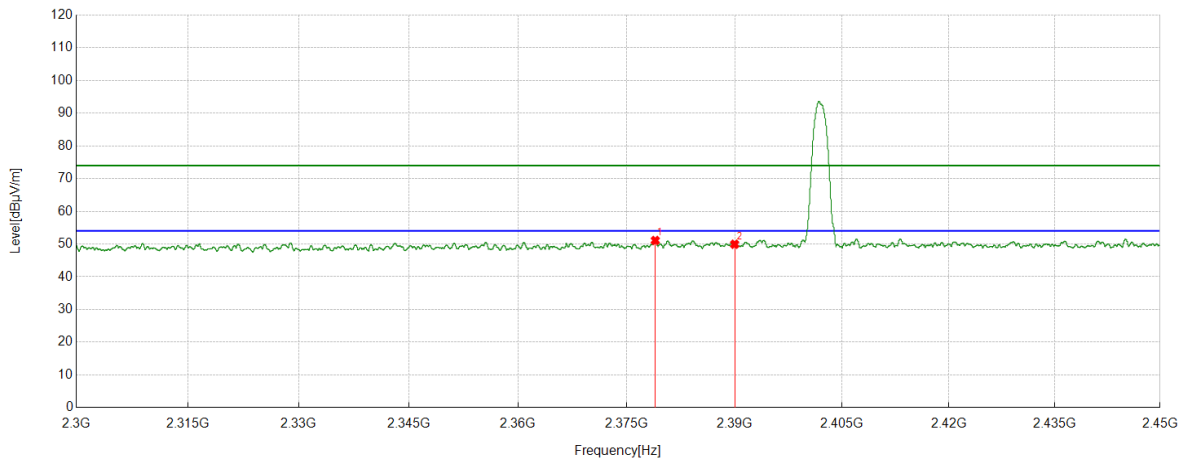


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	41.44	10.64	52.08	74.00	-21.92	Vertical
2	2512.5541	40.89	11.08	51.97	74.00	-22.03	Vertical

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

Test Mode	Channel	Polarization	Verdict
2DH5	LCH	Horizontal	PASS

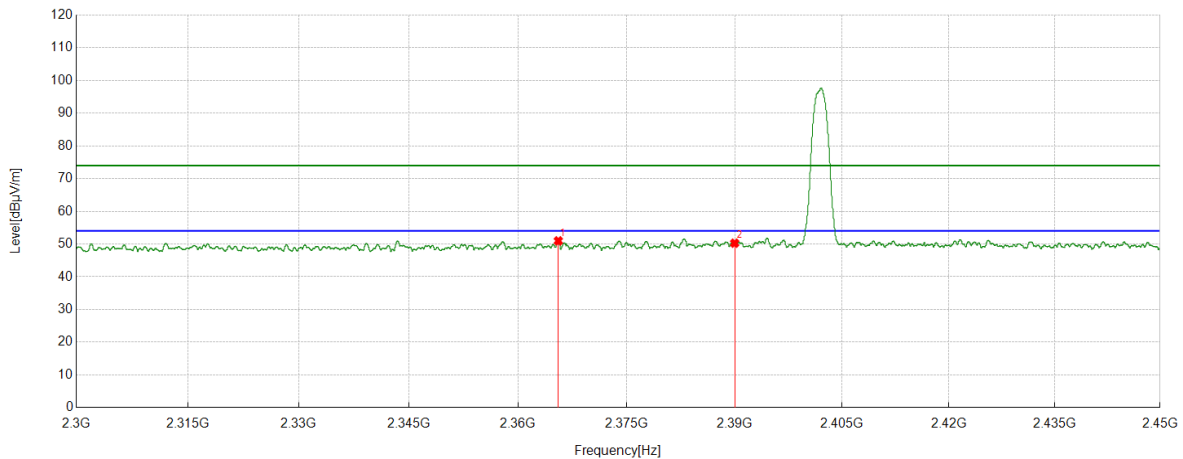


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2378.9661	40.82	10.28	51.10	74.00	-22.90	Horizontal
2	2390.0000	39.59	10.35	49.94	74.00	-24.06	Horizontal

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

Test Mode	Channel	Polarization	Verdict
2DH5	LCH	Vertical	PASS

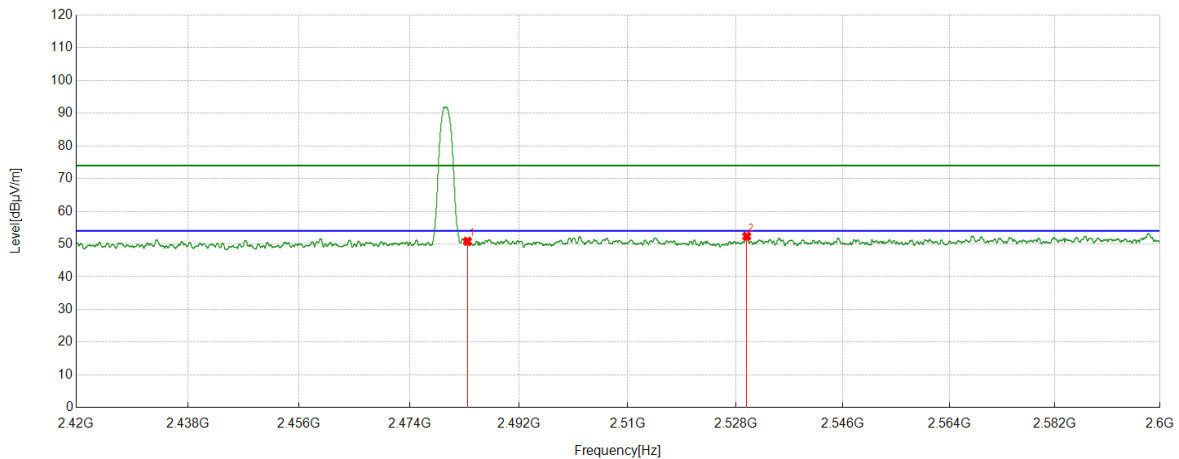


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2365.5582	40.95	10.02	50.97	74.00	-23.03	Vertical
2	2390.0000	39.92	10.35	50.27	74.00	-23.73	Vertical

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

Test Mode	Channel	Polarization	Verdict
2DH5	HCH	Horizontal	PASS

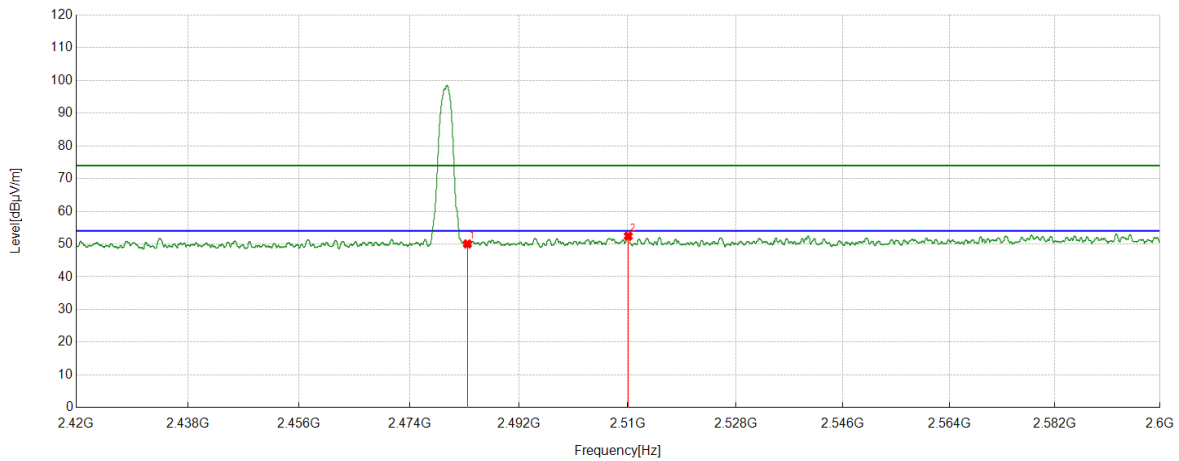


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	40.19	10.64	50.83	74.00	-23.17	Horizontal
2	2529.8362	41.02	11.33	52.35	74.00	-21.65	Horizontal

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

Test Mode	Channel	Polarization	Verdict
2DH5	HCH	Vertical	PASS

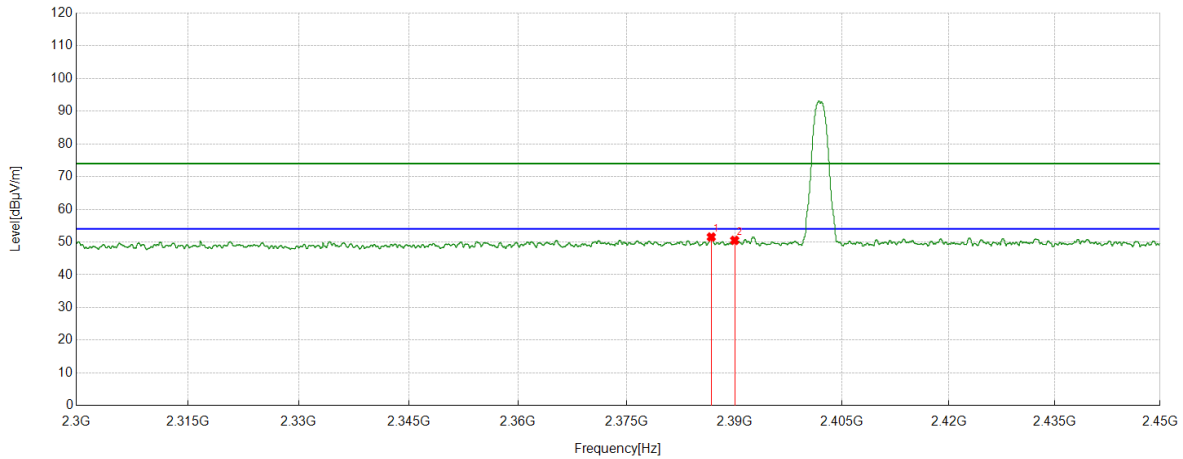


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.40	10.64	50.04	74.00	-23.96	Vertical
2	2510.0788	41.33	11.10	52.43	74.00	-21.57	Vertical

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

Test Mode	Channel	Polarization	Verdict
3DH5	LCH	Horizontal	PASS

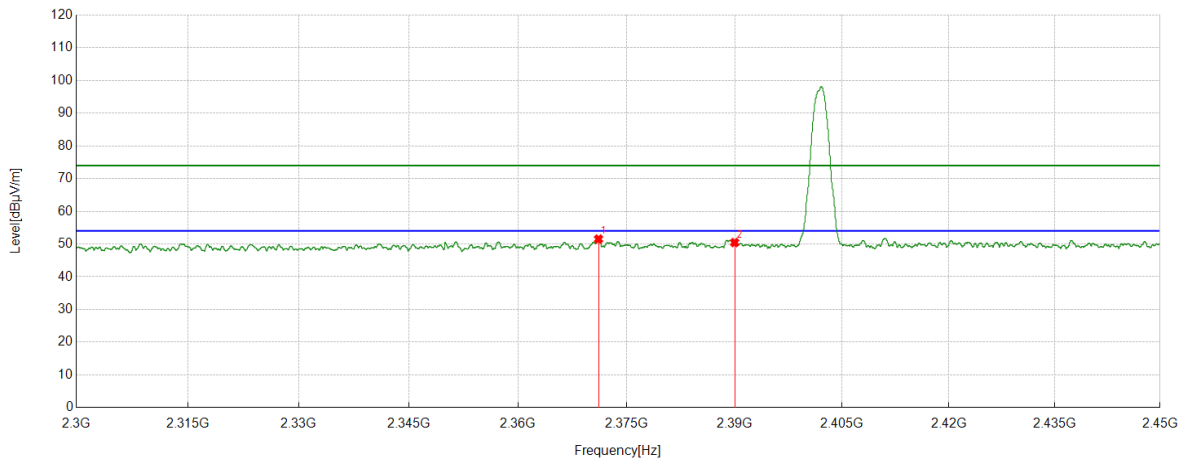


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2386.7483	41.20	10.34	51.54	74.00	-22.46	Horizontal
2	2390.0000	40.17	10.35	50.52	74.00	-23.48	Horizontal

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

Test Mode	Channel	Polarization	Verdict
3DH5	LCH	Vertical	PASS

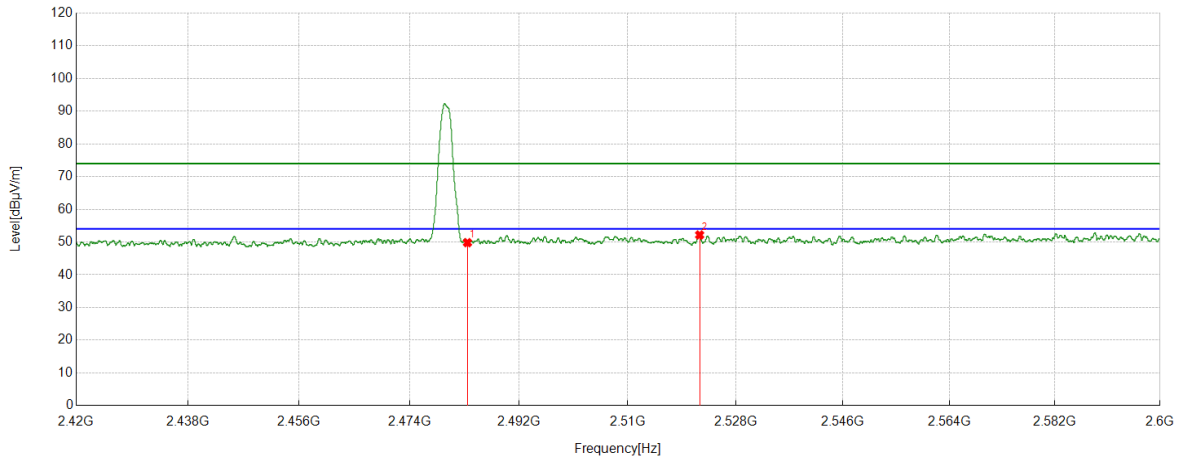


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2371.1089	41.39	10.14	51.53	74.00	-22.47	Vertical
2	2390.0000	40.11	10.35	50.46	74.00	-23.54	Vertical

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

Test Mode	Channel	Polarization	Verdict
3DH5	HCH	Horizontal	PASS

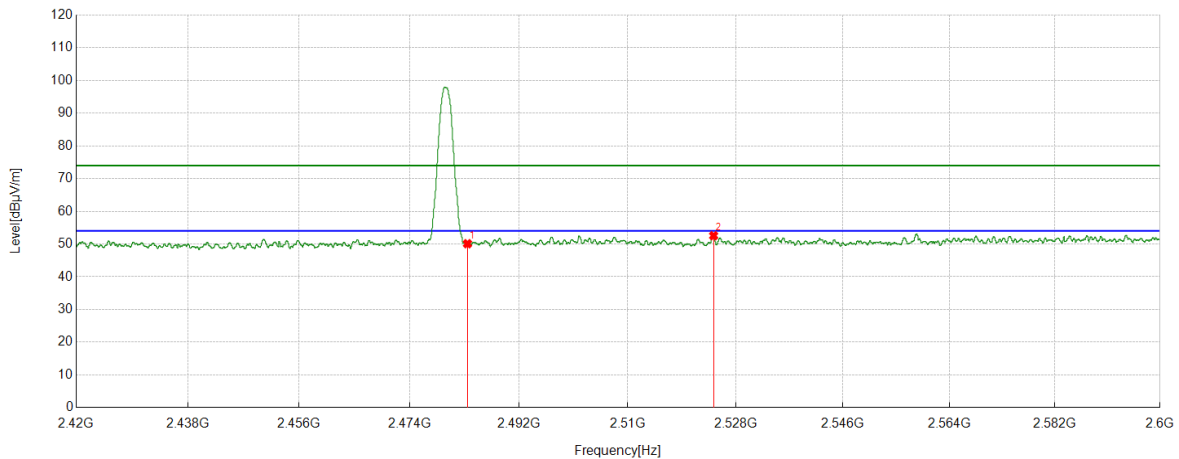


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.17	10.64	49.81	74.00	-24.19	Horizontal
2	2521.9602	41.11	11.06	52.17	74.00	-21.83	Horizontal

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

Test Mode	Channel	Polarization	Verdict
3DH5	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.46	10.64	50.10	74.00	-23.90	Vertical
2	2524.3005	41.40	11.15	52.55	74.00	-21.45	Vertical

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

7.4. SPURIOUS EMISSIONS

TEST RESULTS TABLE

1. For 1GHz~3GHz

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

Test Mode	Channel	Puw(dBm)	Verdict
DH5	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
2DH5	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
3DH5	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

2. For 3GHz~18GHz

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

Test Mode	Channel	Puw(dBm)	Verdict
DH5	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
2DH5	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
3DH5	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

3. For 18GHz~26.5GHz

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

Test Mode	Channel	Puw(dBm)	Verdict
DH5	LCH	<Limit	PASS

Note:

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

4. For 30MHz~1GHz

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

Test Mode	Channel	Puw(dBm)	Verdict
DH5	LCH	<Limit	PASS

Note:

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

5. For 9kHz~30MHz

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

Test Mode	Channel	Puw(dBm)	Verdict
DH5	LCH	<Limit	PASS

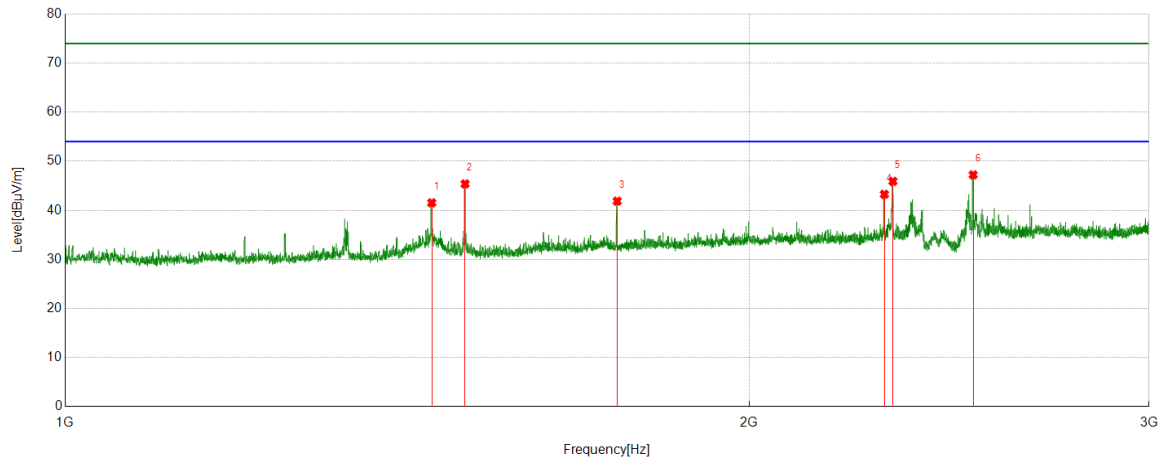
Note:

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
DH5	LCH	Horizontal	PASS

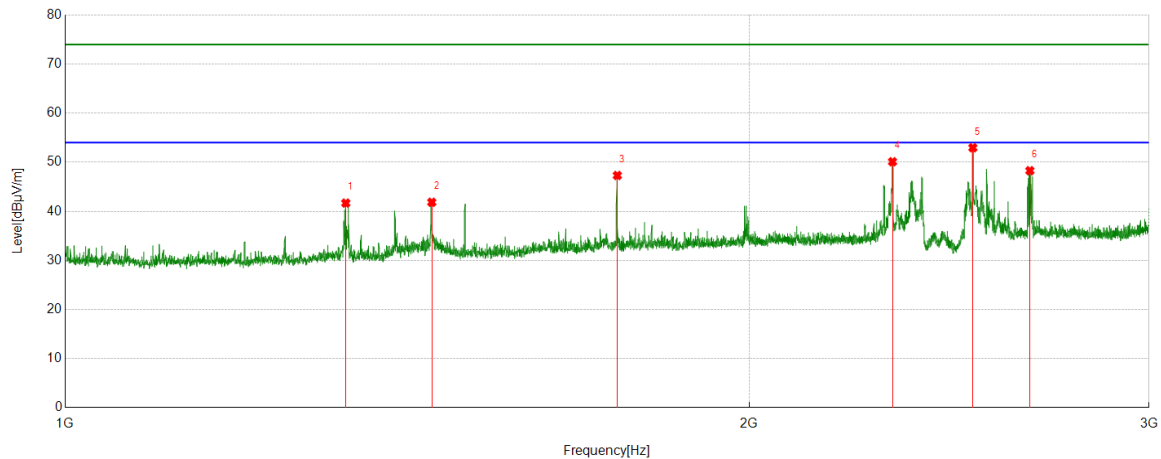


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV/m]	Correct Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	1450.0563	61.09	-19.56	41.53	74.00	-32.47	Horizontal
2	1499.8125	65.11	-19.72	45.39	74.00	-28.61	Horizontal
3	1749.8437	59.93	-18.05	41.88	74.00	-32.12	Horizontal
4	2294.1618	58.56	-15.29	43.27	74.00	-30.73	Horizontal
5	2314.1643	61.28	-15.37	45.91	74.00	-28.09	Horizontal
6	2510.1888	60.76	-13.53	47.23	74.00	-26.77	Horizontal

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

Test Mode	Channel	Polarization	Verdict
DH5	LCH	Vertical	PASS

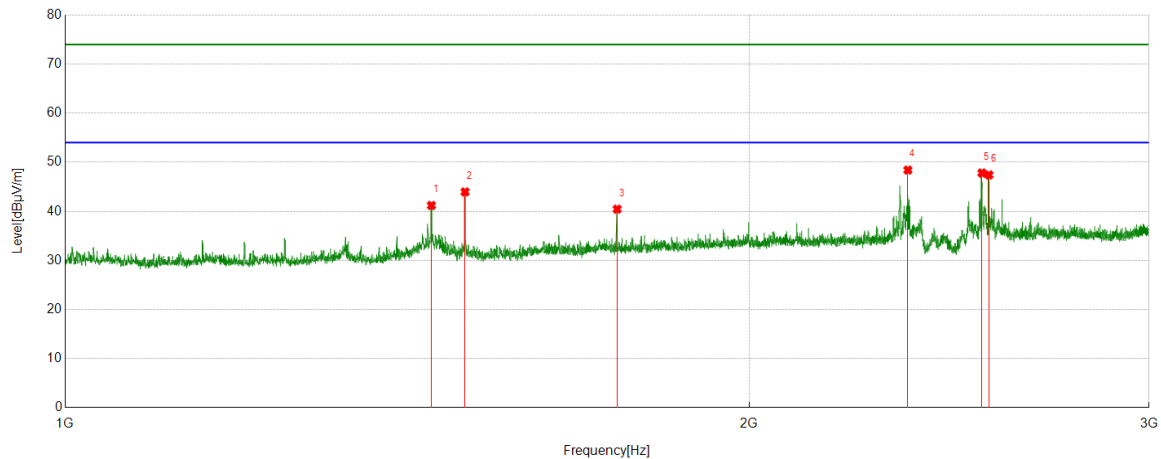


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1329.0411	62.27	-20.59	41.68	74.00	-32.32	Vertical
2	1450.0563	61.41	-19.56	41.85	74.00	-32.15	Vertical
3	1750.0938	65.36	-18.05	47.31	74.00	-26.69	Vertical
4	2313.1641	65.52	-15.41	50.11	74.00	-23.89	Vertical
5	2509.4387	66.46	-13.51	52.95	74.00	-21.05	Vertical
6	2658.7073	61.51	-13.23	48.28	74.00	-25.72	Vertical

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

Test Mode	Channel	Polarization	Verdict
DH5	MCH	Horizontal	PASS

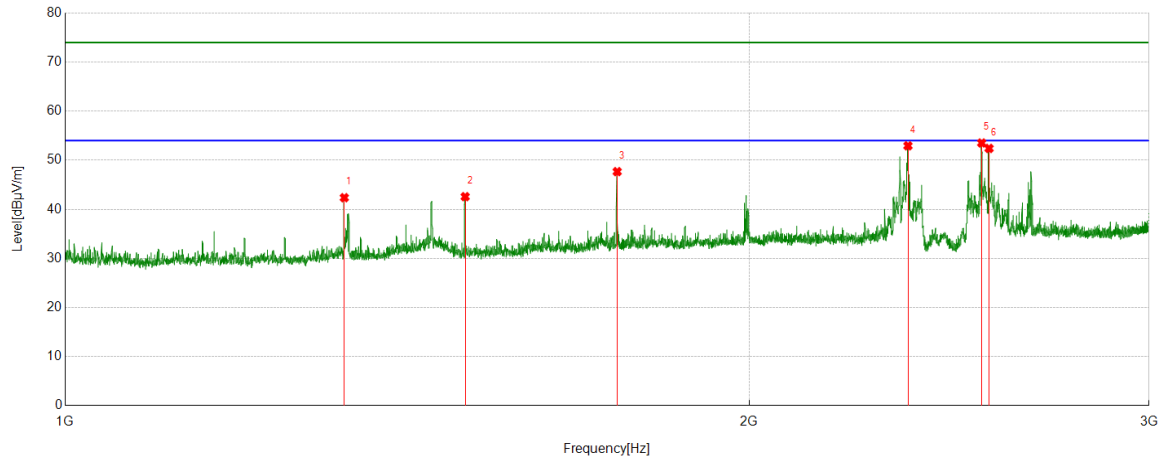


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1449.5562	60.77	-19.57	41.20	74.00	-32.80	Horizontal
2	1499.8125	63.68	-19.72	43.96	74.00	-30.04	Horizontal
3	1749.8437	58.49	-18.05	40.44	74.00	-33.56	Horizontal
4	2349.4187	63.17	-14.76	48.41	74.00	-25.59	Horizontal
5	2532.6916	61.34	-13.53	47.81	74.00	26.19	Horizontal
6	2550.6938	61.24	-13.82	47.42	74.00	-26.58	Horizontal

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

Test Mode	Channel	Polarization	Verdict
DH5	MCH	Vertical	PASS

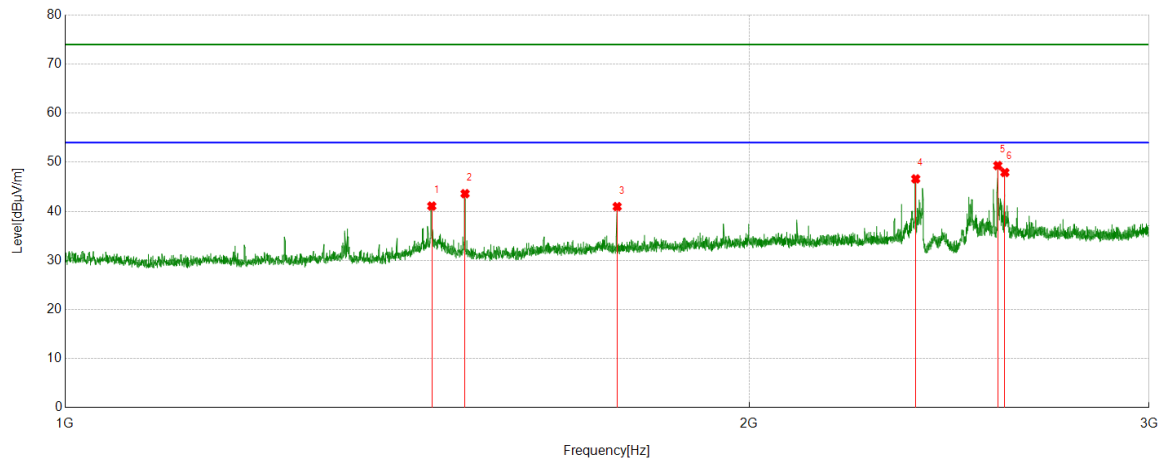


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1327.0409	62.99	-20.62	42.37	74.00	-31.63	Vertical
2	1500.0625	62.30	-19.72	42.58	74.00	-31.42	Vertical
3	1749.8437	65.73	-18.05	47.68	74.00	-26.32	Vertical
4	2349.6687	67.70	-14.76	52.94	74.00	-21.06	Vertical
5	2531.9415	67.06	-13.54	53.52	74.00	-20.48	Vertical
6	2550.9439	66.22	-13.81	52.41	74.00	-21.59	Vertical

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

Test Mode	Channel	Polarization	Verdict
DH5	HCH	Horizontal	PASS

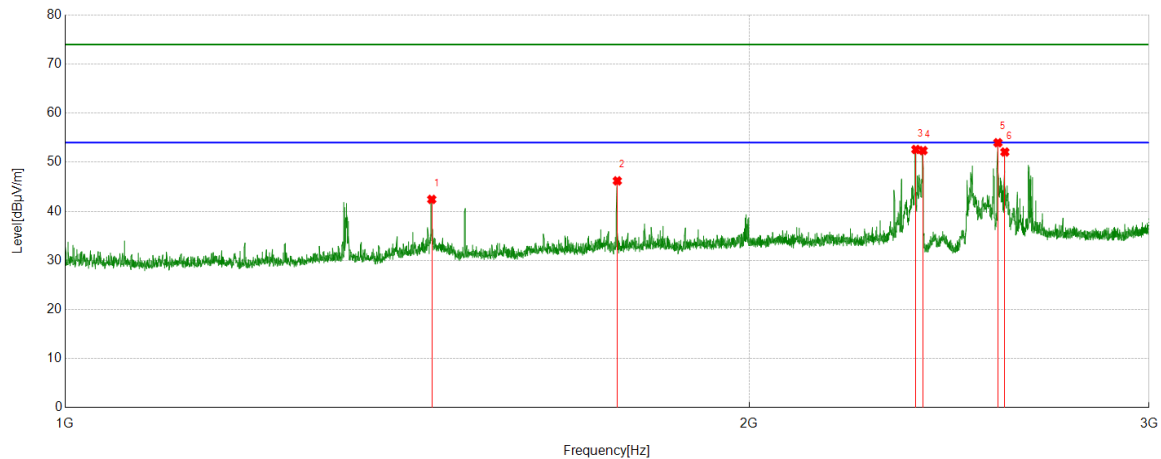


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV/m]	Correct Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	1450.0563	60.63	-19.56	41.07	74.00	-32.93	Horizontal
2	1499.8125	63.32	-19.72	43.60	74.00	-30.40	Horizontal
3	1749.8437	59.01	-18.05	40.96	74.00	-33.04	Horizontal
4	2368.171	61.11	-14.50	46.61	74.00	-27.39	Horizontal
5	2573.6967	62.79	-13.47	49.32	74.00	-24.68	Horizontal
6	2592.199	61.27	-13.36	47.91	74.00	-26.09	Horizontal

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

Test Mode	Channel	Polarization	Verdict
DH5	HCH	Vertical	PASS

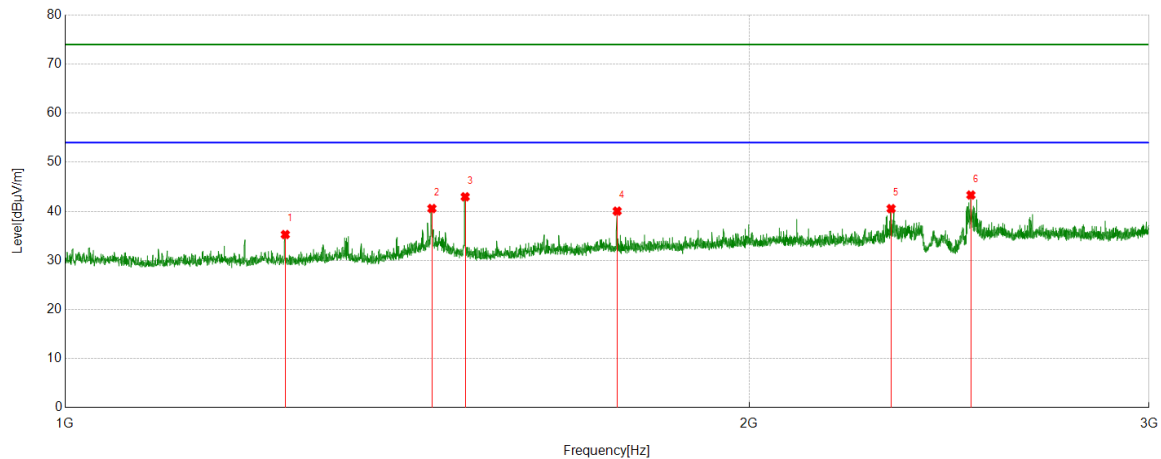


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV/m]	Correct Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	1450.0563	61.99	-19.56	42.43	74.00	-31.57	Vertical
2	1750.0938	64.26	-18.05	46.21	74.00	-27.79	Vertical
3	2368.4211	67.09	-14.49	52.60	74.00	-21.40	Vertical
4	2385.9232	66.61	-14.23	52.38	74.00	-21.62	Vertical
5	2573.9467	67.46	-13.48	53.98	74.00	-20.02	Vertical
6	2592.199	65.44	-13.36	52.08	74.00	-21.92	Vertical

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

Test Mode	Channel	Polarization	Verdict
2DH5	LCH	Horizontal	PASS

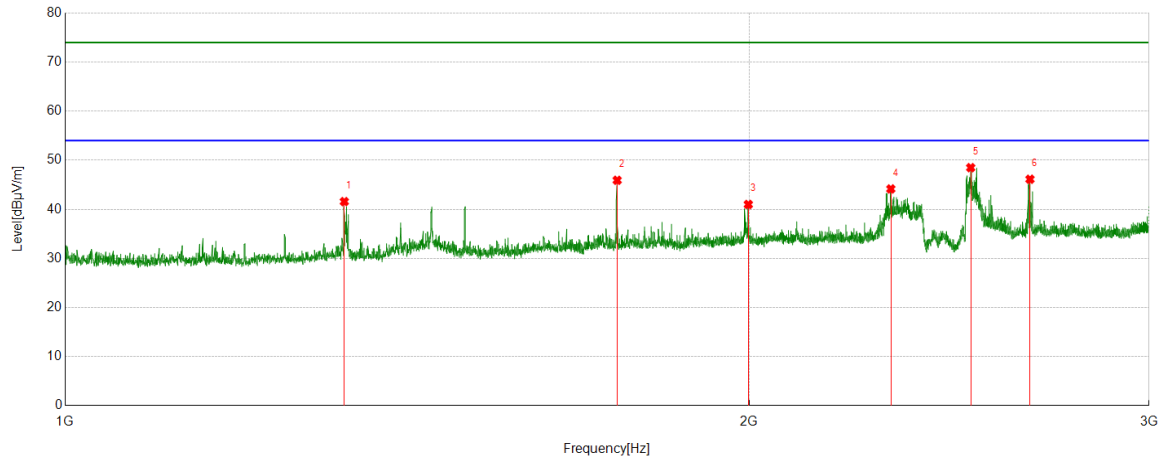


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV/m]	Correct Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	1250.0313	56.13	-20.86	35.27	74.00	-38.73	Horizontal
2	1450.3063	60.13	-19.56	40.57	74.00	-33.43	Horizontal
3	1500.0625	62.68	-19.72	42.96	74.00	-31.04	Horizontal
4	1749.8437	58.09	-18.05	40.04	74.00	-33.96	Horizontal
5	2309.9137	56.07	-15.53	40.54	74.00	-33.46	Horizontal
6	2504.4381	56.78	-13.46	43.32	74.00	-30.68	Horizontal

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

Test Mode	Channel	Polarization	Verdict
2DH5	LCH	Vertical	PASS

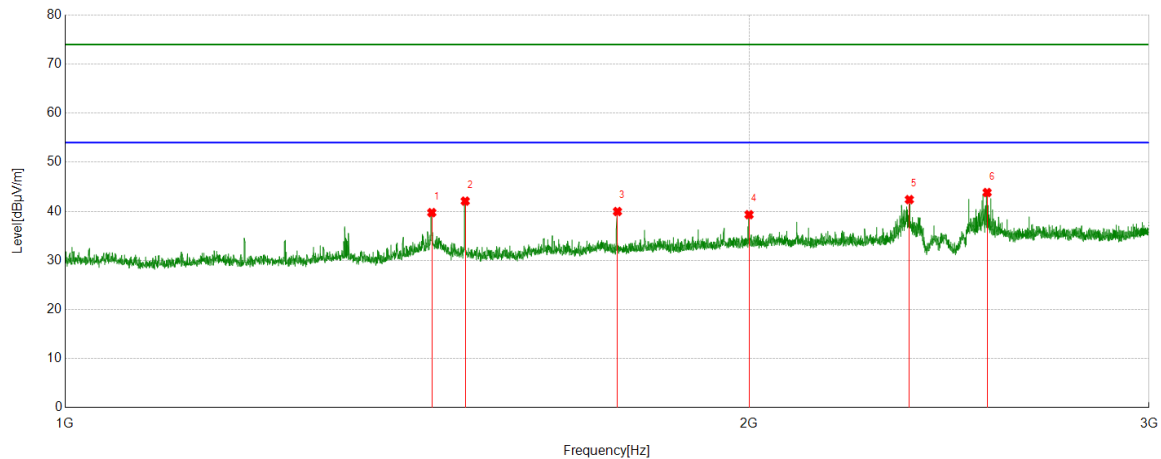


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1327.0409	62.20	-20.62	41.58	74.00	-32.42	Vertical
2	1749.8437	63.97	-18.05	45.92	74.00	-28.08	Vertical
3	1998.6248	57.28	-16.29	40.99	74.00	-33.01	Vertical
4	2309.1636	59.68	-15.52	44.16	74.00	-29.84	Vertical
5	2503.938	61.95	-13.46	48.49	74.00	-25.51	Vertical
6	2658.9574	59.35	-13.22	46.13	74.00	-27.87	Vertical

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

Test Mode	Channel	Polarization	Verdict
2DH5	MCH	Horizontal	PASS

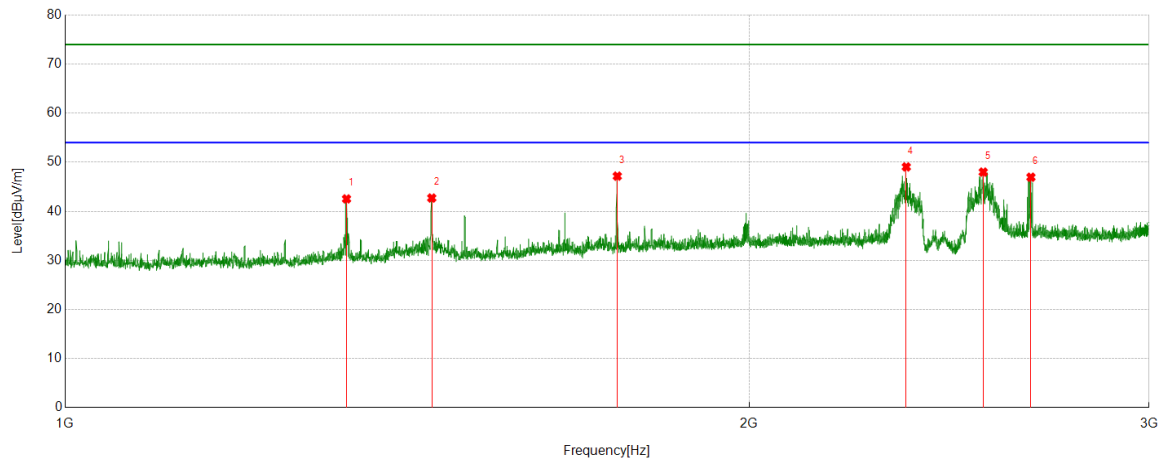


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV/m]	Correct Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	1450.0563	59.30	-19.56	39.74	74.00	-34.26	Horizontal
2	1500.0625	61.80	-19.72	42.08	74.00	-31.92	Horizontal
3	1750.3438	58.01	-18.05	39.96	74.00	-34.04	Horizontal
4	2000.125	55.60	-16.28	39.32	74.00	-34.68	Horizontal
5	2352.9191	57.16	-14.77	42.39	74.00	-31.61	Horizontal
6	2545.9432	57.54	-13.71	43.83	74.00	-30.17	Horizontal

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

Test Mode	Channel	Polarization	Verdict
2DH5	MCH	Vertical	PASS

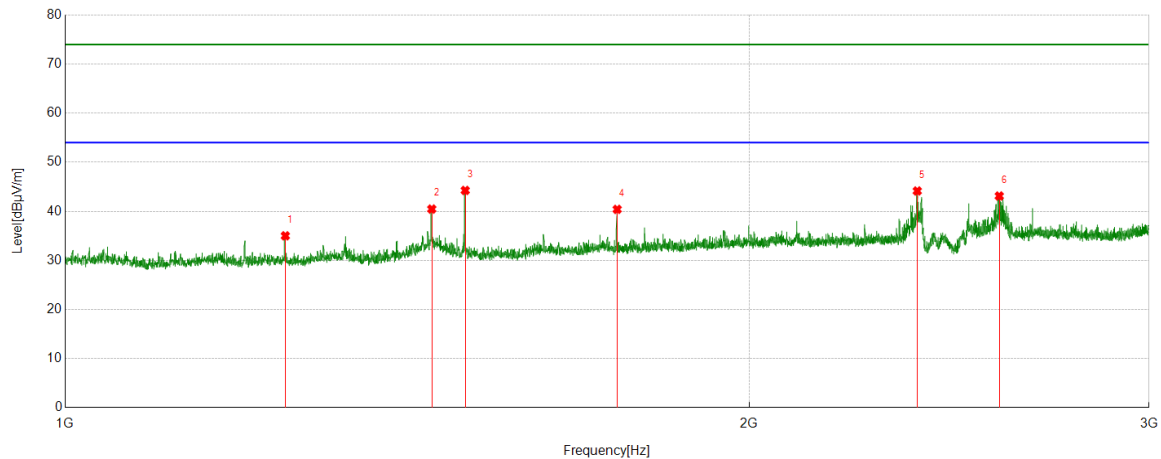


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1330.0413	63.11	-20.58	42.53	74.00	-31.47	Vertical
2	1450.0563	62.27	-19.56	42.71	74.00	-31.29	Vertical
3	1750.0938	65.22	-18.05	47.17	74.00	-26.83	Vertical
4	2345.6682	63.79	-14.74	49.05	74.00	-24.95	Vertical
5	2535.942	61.53	-13.54	47.99	74.00	-26.01	Vertical
6	2661.4577	60.18	-13.23	46.95	74.00	-27.05	Vertical

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

Test Mode	Channel	Polarization	Verdict
2DH5	HCH	Horizontal	PASS

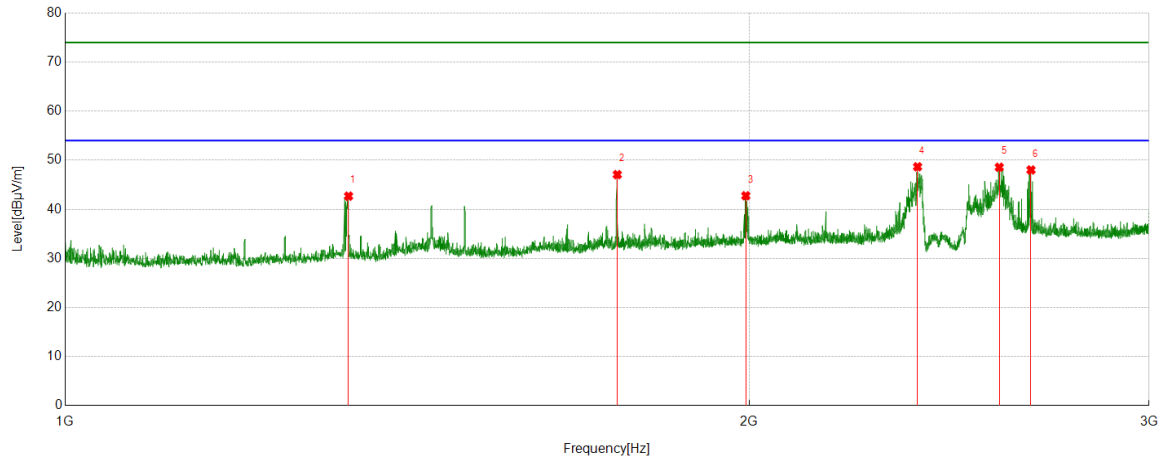


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV/m]	Correct Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	1250.0313	55.87	-20.86	35.01	74.00	-38.99	Horizontal
2	1450.0563	60.02	-19.56	40.46	74.00	-33.54	Horizontal
3	1500.0625	63.98	-19.72	44.26	74.00	-29.74	Horizontal
4	1749.8437	58.45	-18.05	40.40	74.00	-33.60	Horizontal
5	2371.9215	58.54	-14.39	44.15	74.00	-29.85	Horizontal
6	2577.4472	56.61	-13.49	43.12	74.00	-30.88	Horizontal

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

Test Mode	Channel	Polarization	Verdict
2DH5	HCH	Vertical	PASS

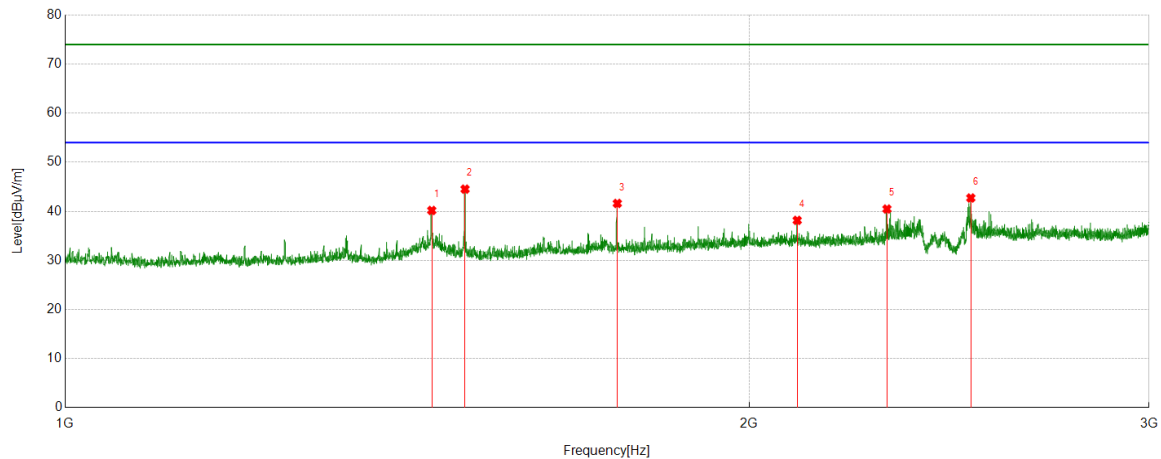


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1332.7916	63.28	-20.59	42.69	74.00	-31.31	Vertical
2	1750.0938	65.12	-18.05	47.07	74.00	-26.93	Vertical
3	1993.6242	59.08	-16.32	42.76	74.00	-31.24	Vertical
4	2372.6716	63.05	-14.38	48.67	74.00	-25.33	Vertical
5	2577.4472	62.06	-13.49	48.57	74.00	-25.43	Vertical
6	2661.7077	61.25	-13.23	48.02	74.00	-25.98	Vertical

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

Test Mode	Channel	Polarization	Verdict
3DH5	LCH	Horizontal	PASS

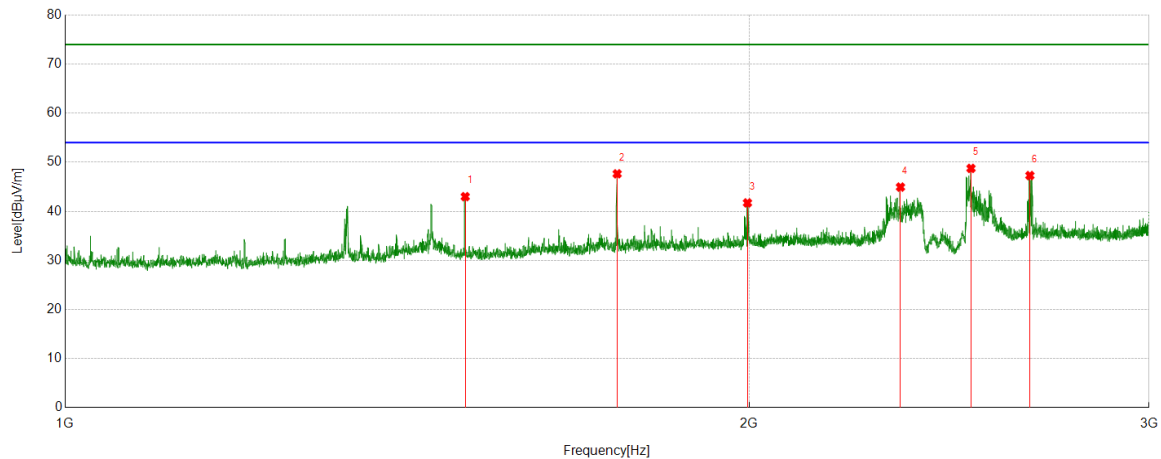


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV/m]	Correct Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	1450.0563	59.74	-19.56	40.18	74.00	-33.82	Horizontal
2	1499.8125	64.24	-19.72	44.52	74.00	-29.48	Horizontal
3	1750.0938	59.66	-18.05	41.61	74.00	-32.39	Horizontal
4	2100.1375	53.90	-15.74	38.16	74.00	-35.84	Horizontal
5	2300.1625	55.90	-15.43	40.47	74.00	-33.53	Horizontal
6	2504.188	56.18	-13.46	42.72	74.00	-31.28	Horizontal

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

Test Mode	Channel	Polarization	Verdict
3DH5	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1500.0625	62.71	-19.72	42.99	74.00	-31.01	Vertical
2	1749.8437	65.69	-18.05	47.64	74.00	-26.36	Vertical
3	1996.8746	58.02	-16.30	41.72	74.00	-32.28	Vertical
4	2331.9165	59.91	-14.97	44.94	74.00	-29.06	Vertical
5	2504.6881	62.22	-13.47	48.75	74.00	-25.25	Vertical
6	2658.7073	60.52	-13.23	47.29	74.00	-26.71	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

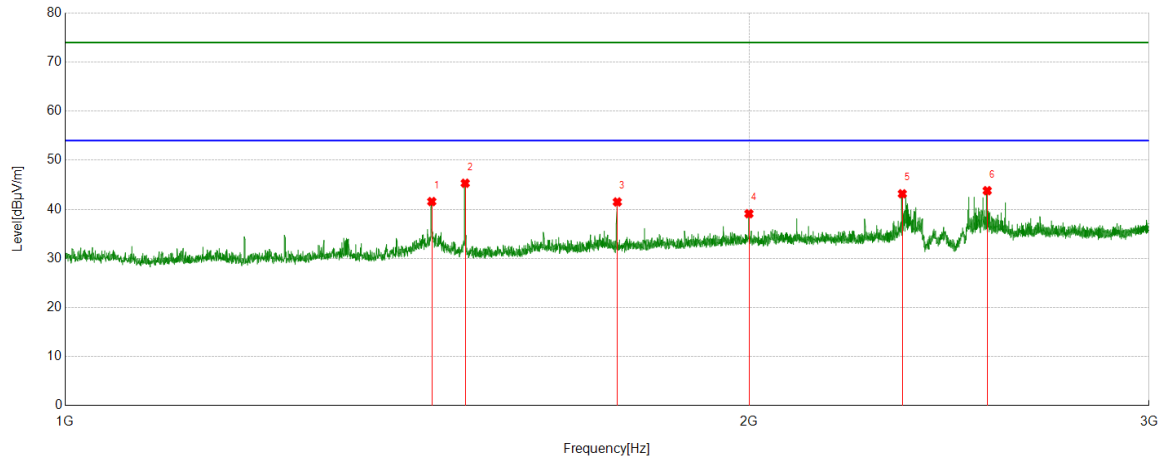
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.

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

Test Mode	Channel	Polarization	Verdict
3DH5	MCH	Horizontal	PASS

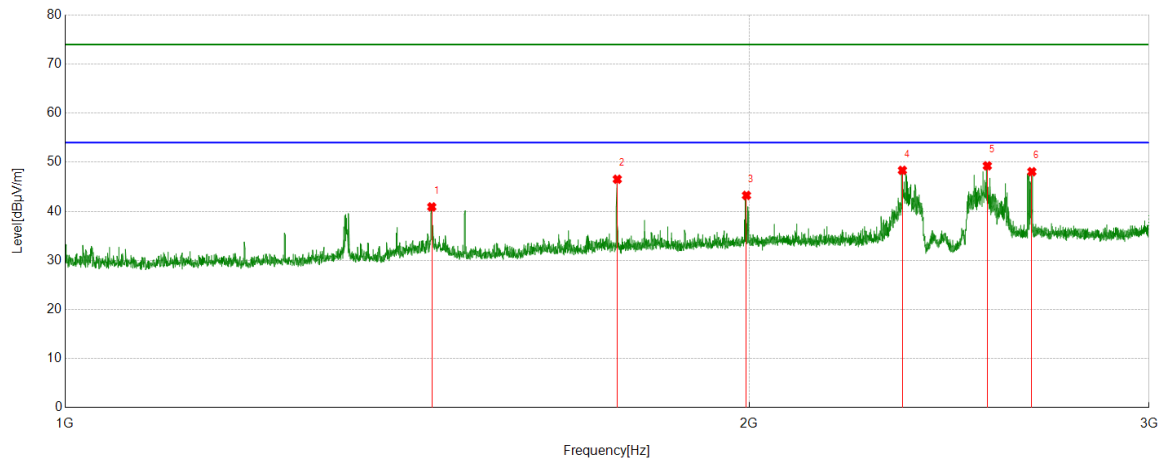


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1450.0563	61.14	-19.56	41.58	74.00	-32.42	Horizontal
2	1500.0625	65.04	-19.72	45.32	74.00	-28.68	Horizontal
3	1750.0938	59.55	-18.05	41.50	74.00	-32.50	Horizontal
4	1999.875	55.39	-16.28	39.11	74.00	-34.89	Horizontal
5	2336.167	58.01	-14.84	43.17	74.00	-30.83	Horizontal
6	2546.1933	57.52	-13.72	43.80	74.00	-30.20	Horizontal

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

Test Mode	Channel	Polarization	Verdict
3DH5	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1450.0563	60.46	-19.56	40.90	74.00	-33.10	Vertical
2	1750.0938	64.59	-18.05	46.54	74.00	-27.46	Vertical
3	1994.8744	59.55	-16.31	43.24	74.00	-30.76	Vertical
4	2336.4171	63.18	-14.83	48.35	74.00	-25.65	Vertical
5	2546.4433	62.99	-13.72	49.27	74.00	-24.73	Vertical
6	2663.958	61.30	-13.23	48.07	74.00	-25.93	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

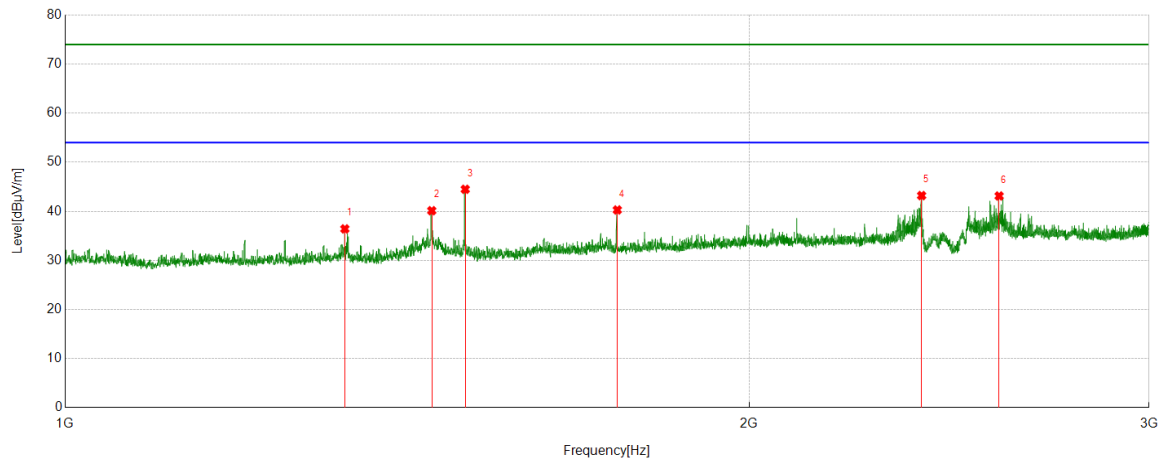
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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
3DH5	HCH	Horizontal	PASS

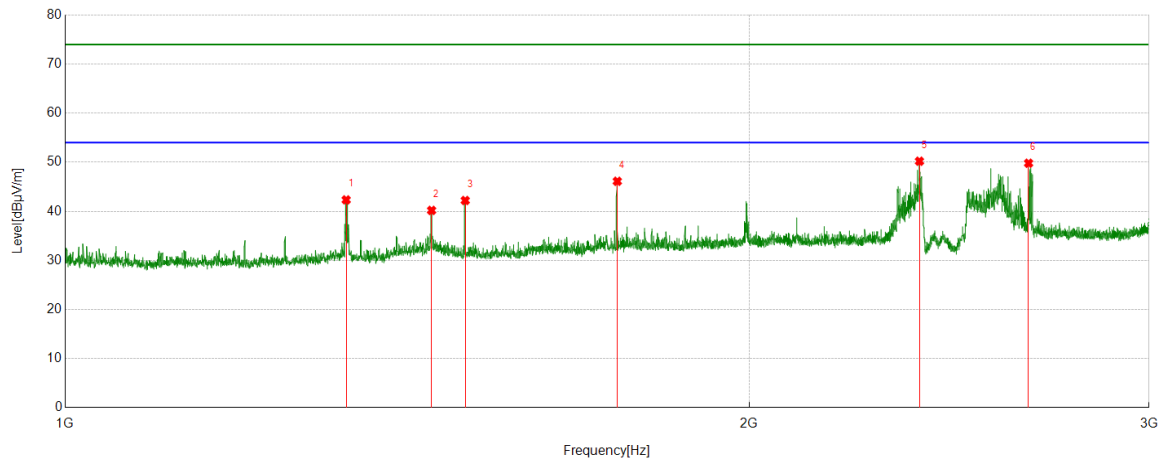


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1327.791	57.02	-20.60	36.42	74.00	-37.58	Horizontal
2	1450.0563	59.69	-19.56	40.13	74.00	-33.87	Horizontal
3	1500.0625	64.21	-19.72	44.49	74.00	-29.51	Horizontal
4	1750.0938	58.33	-18.05	40.28	74.00	-33.72	Horizontal
5	2382.4228	57.43	-14.22	43.21	74.00	-30.79	Horizontal
6	2577.1972	56.61	-13.48	43.13	74.00	-30.87	Horizontal

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

Test Mode	Channel	Polarization	Verdict
3DH5	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1329.5412	62.91	-20.58	42.33	74.00	-31.67	Vertical
2	1449.8062	59.75	-19.56	40.19	74.00	-33.81	Vertical
3	1500.0625	61.93	-19.72	42.21	74.00	-31.79	Vertical
4	1750.0938	64.17	-18.05	46.12	74.00	-27.88	Vertical
5	2377.1721	64.49	-14.28	50.21	74.00	-23.79	Vertical
6	2655.2069	63.02	-13.22	49.80	74.00	-24.20	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.

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