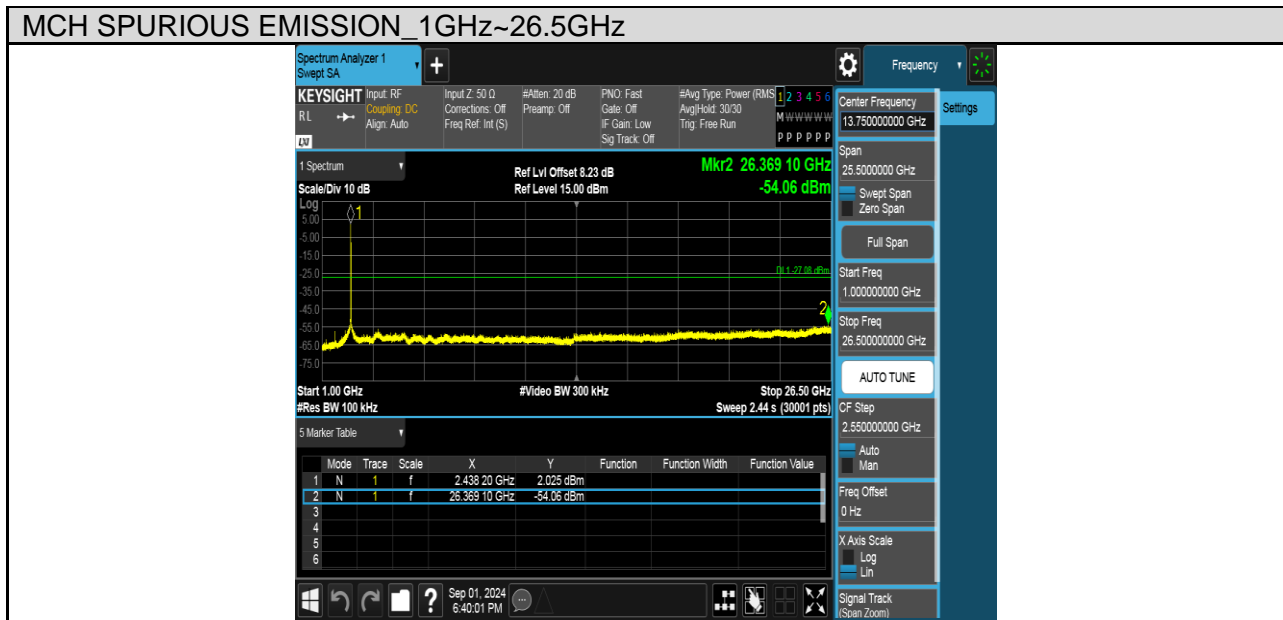
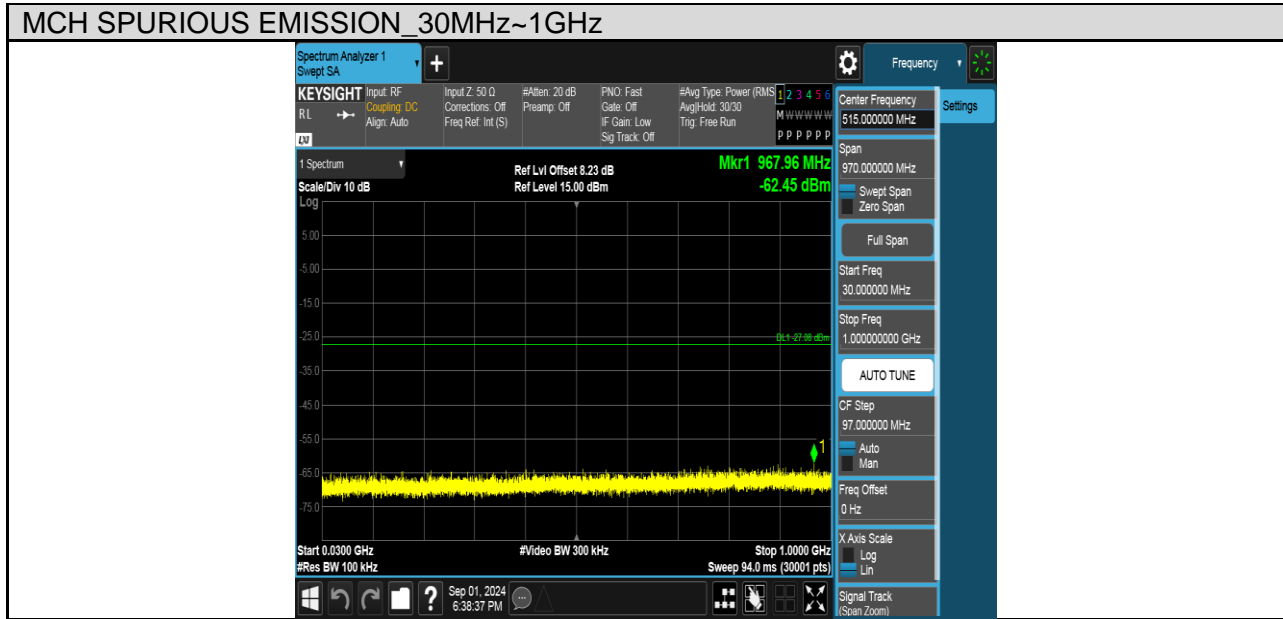
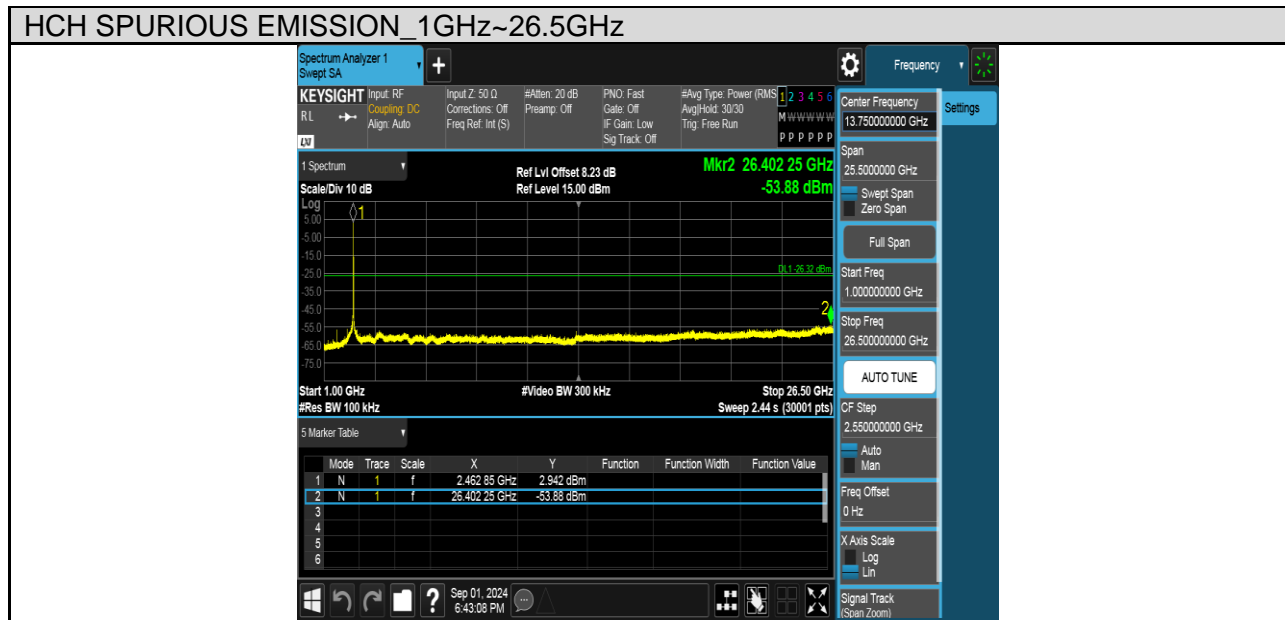
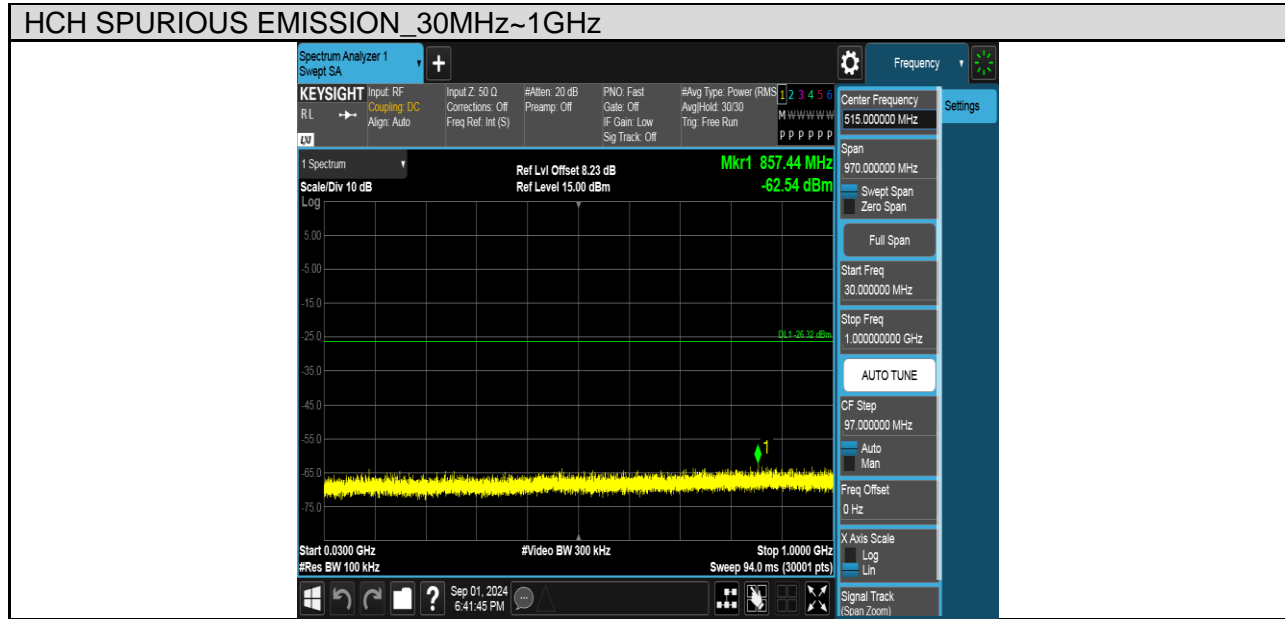


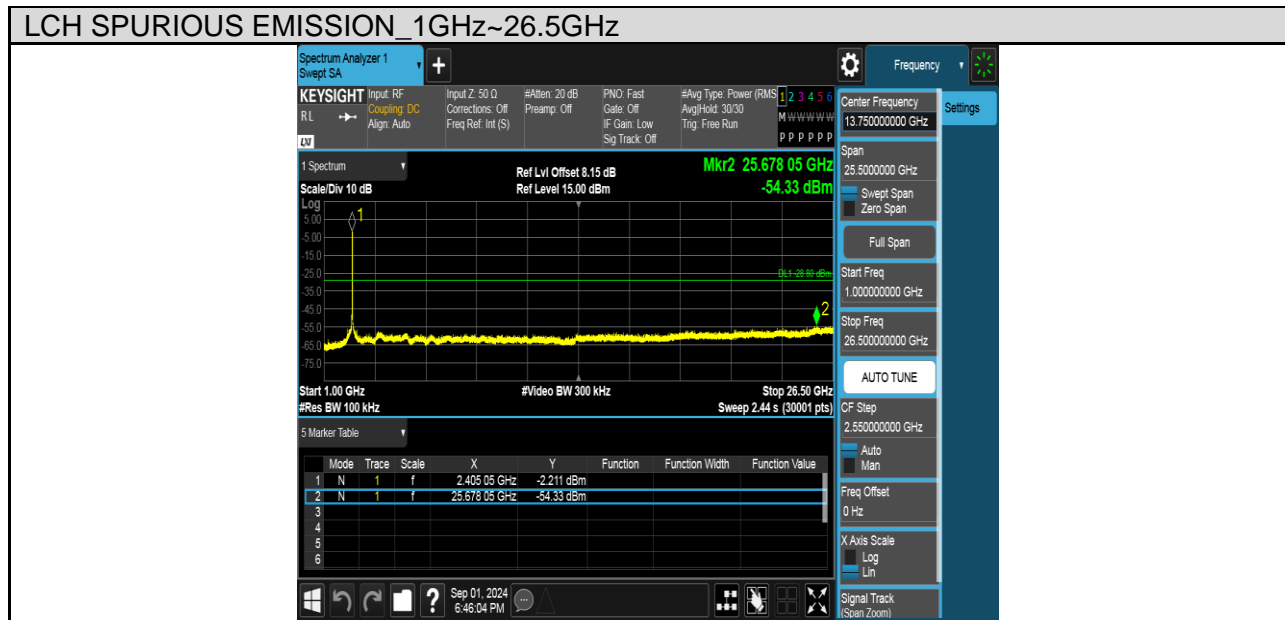
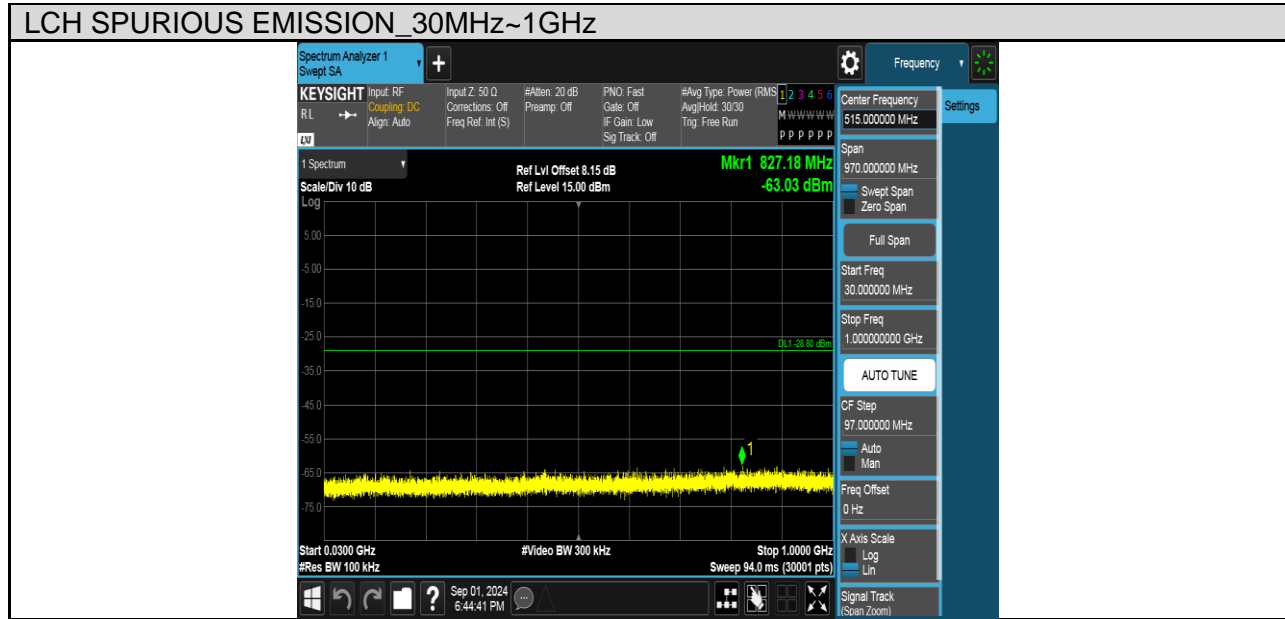
Test Mode	Channel	Verdict
11B	MCH	PASS



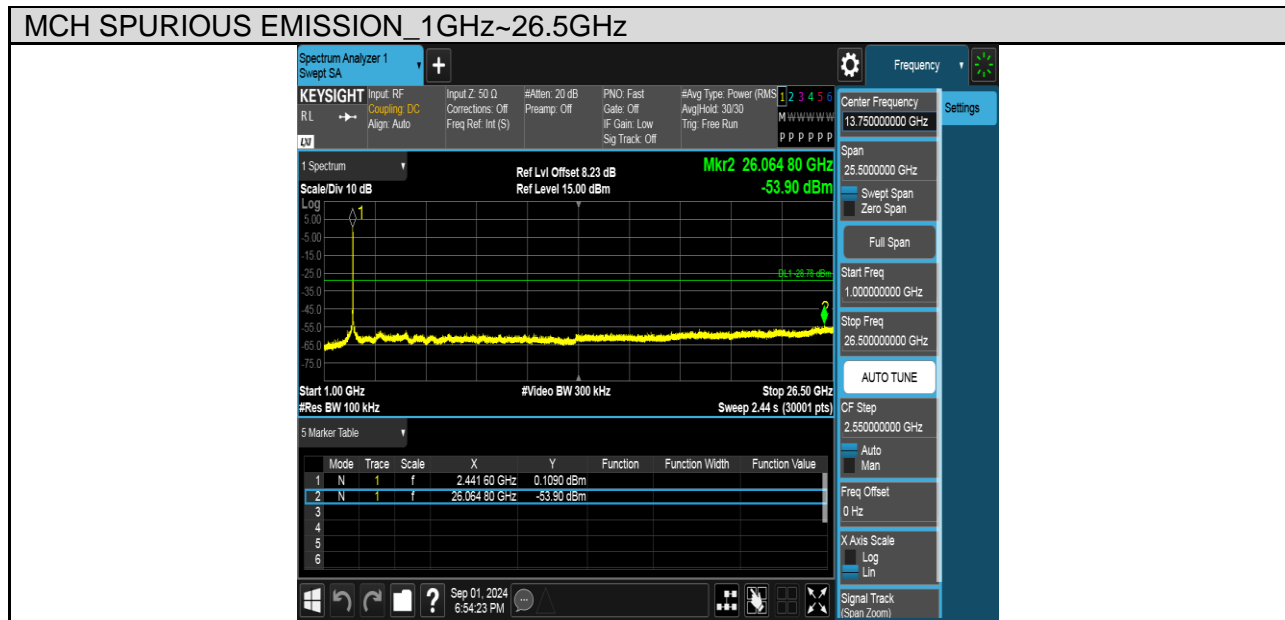
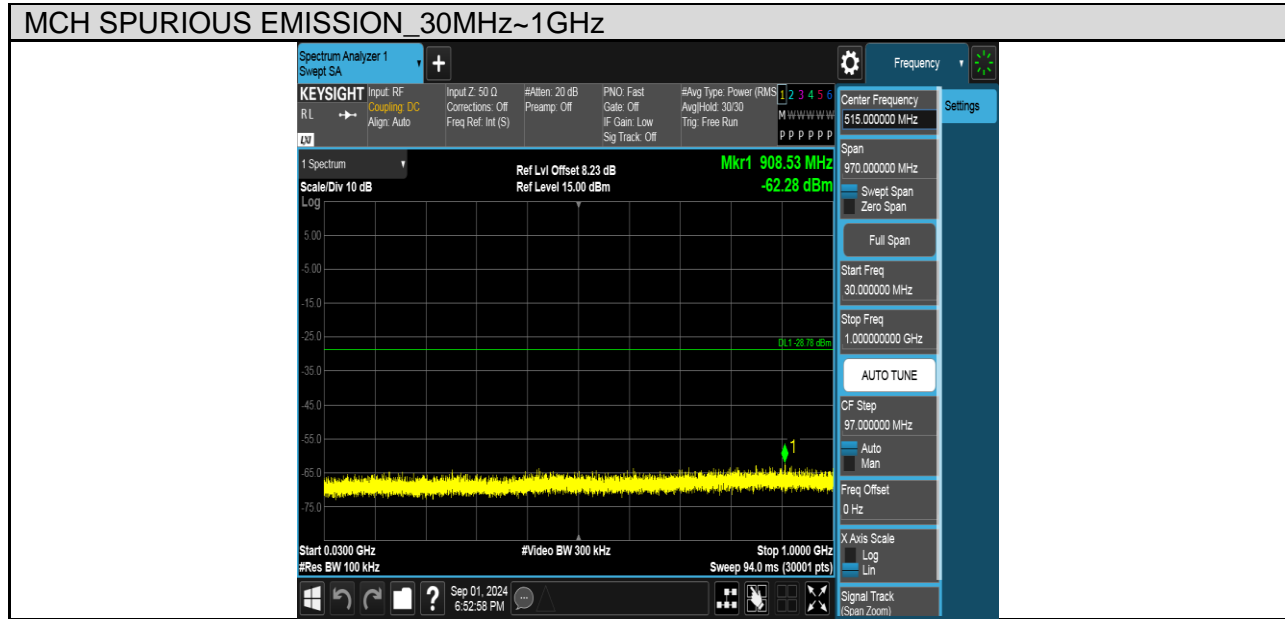
Test Mode	Channel	Verdict
11B	HCH	PASS



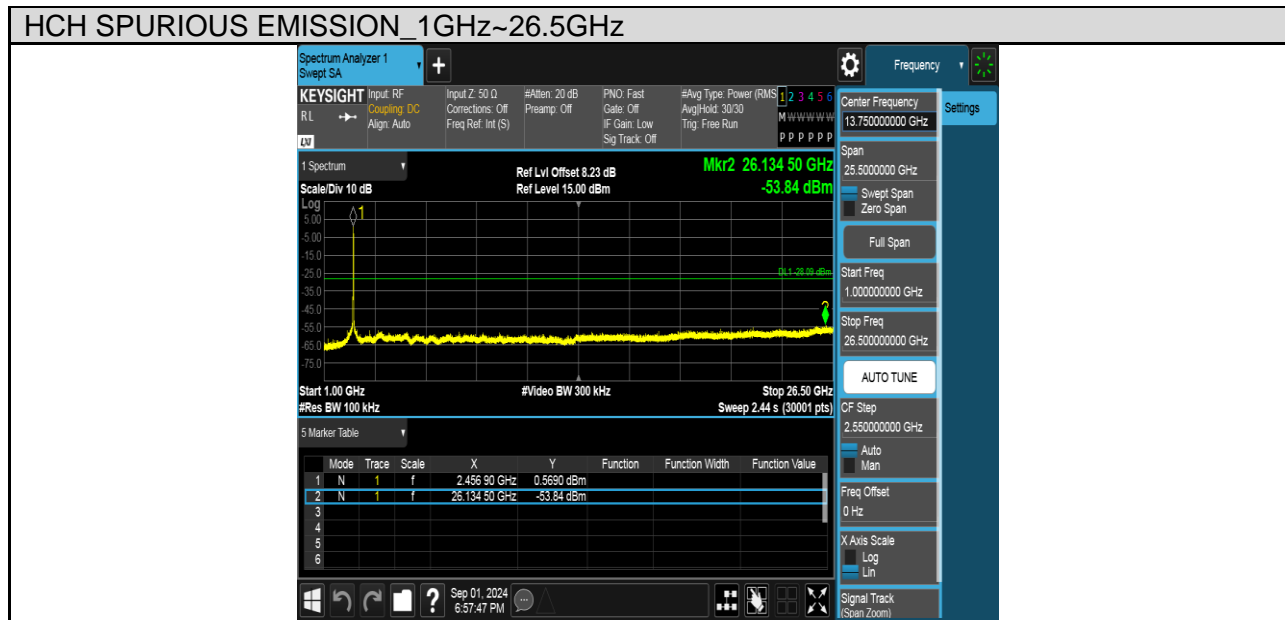
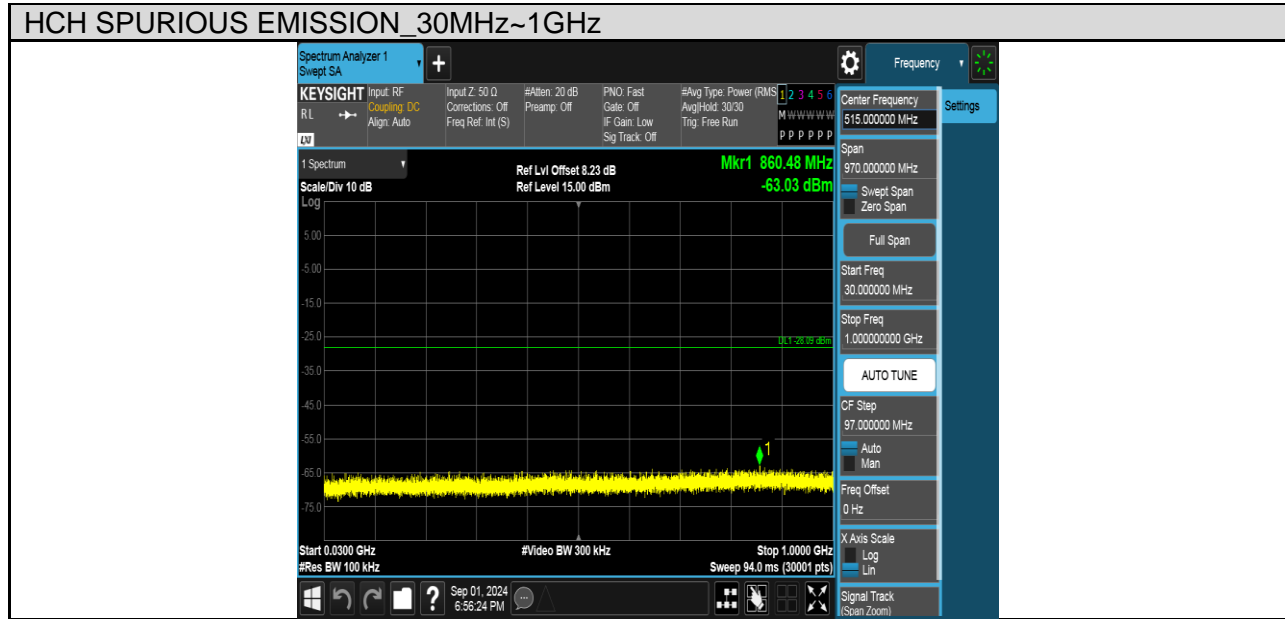
Test Mode	Channel	Verdict
11G	LCH	PASS



Test Mode	Channel	Verdict
11G	MCH	PASS

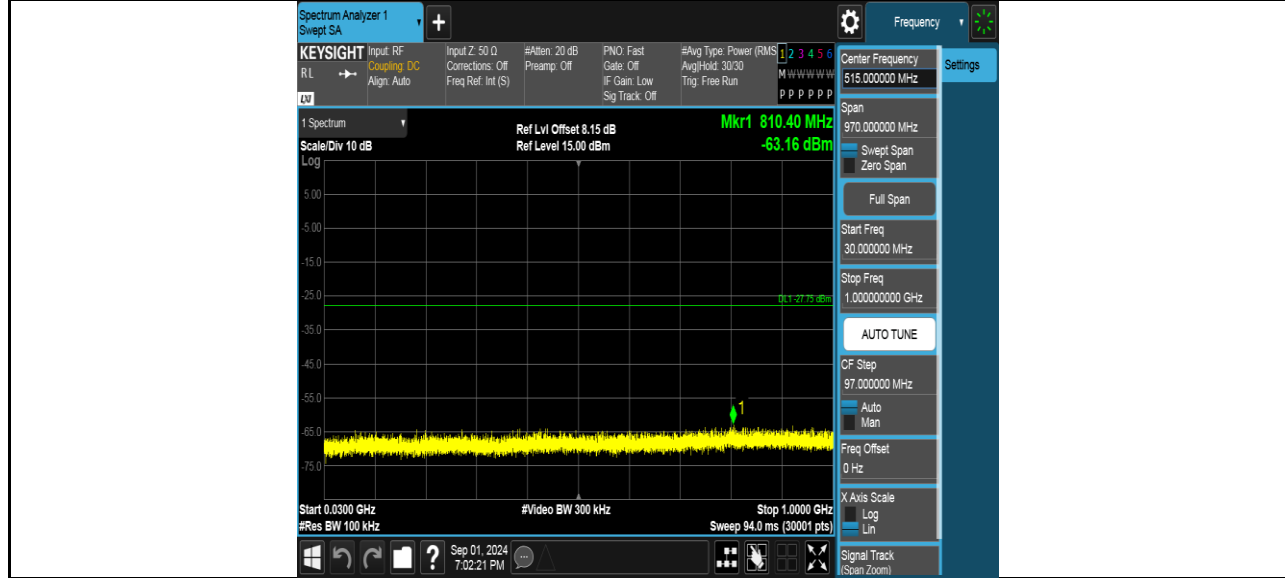


Test Mode	Channel	Verdict
11G	HCH	PASS

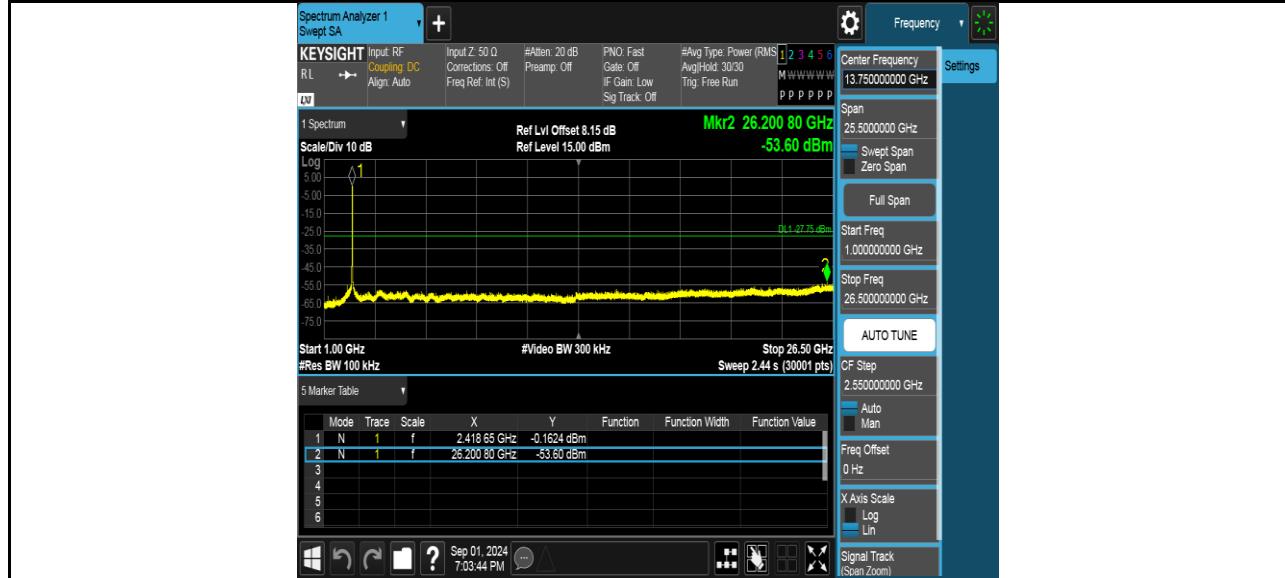


Test Mode	Channel	Verdict
11N HT20	LCH	PASS

LCH SPURIOUS EMISSION\_30MHz~1GHz

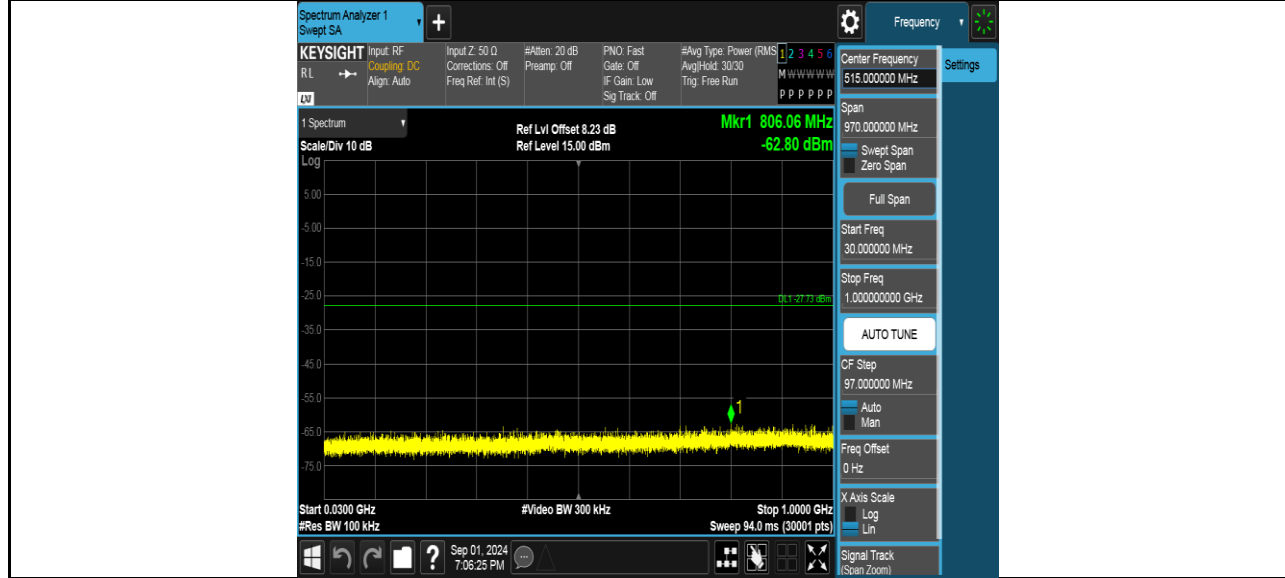


LCH SPURIOUS EMISSION\_1GHz~26.5GHz

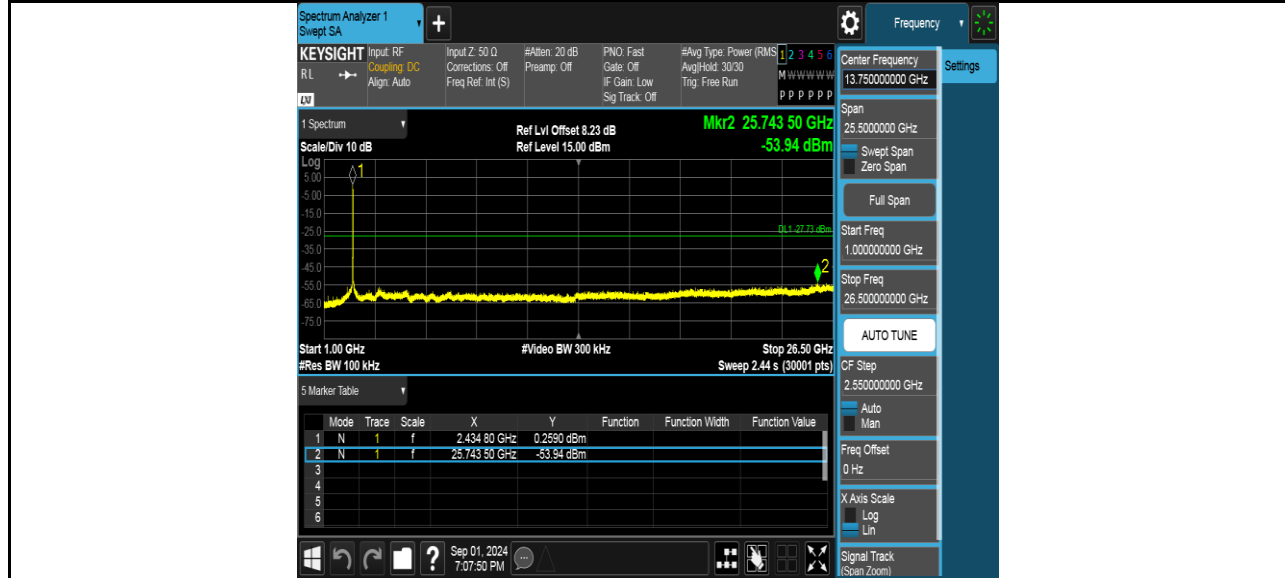


Test Mode	Channel	Verdict
11N HT20	MCH	PASS

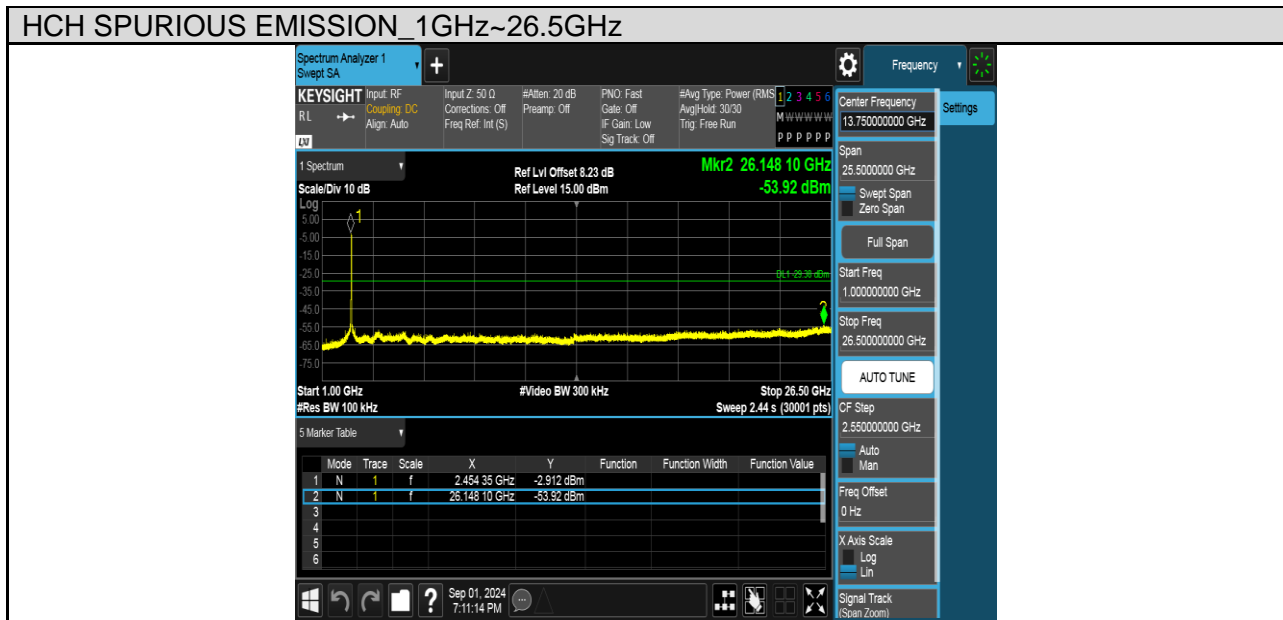
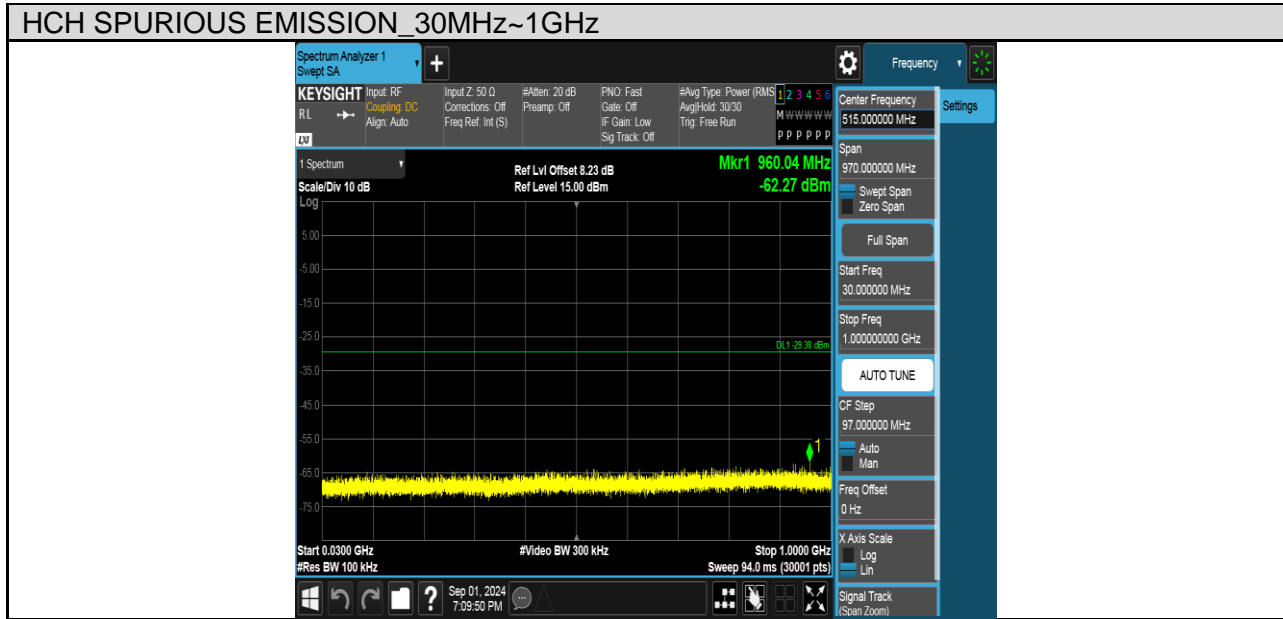
**MCH SPURIOUS EMISSION\_30MHz~1GHz**



**MCH SPURIOUS EMISSION\_1GHz~26.5GHz**

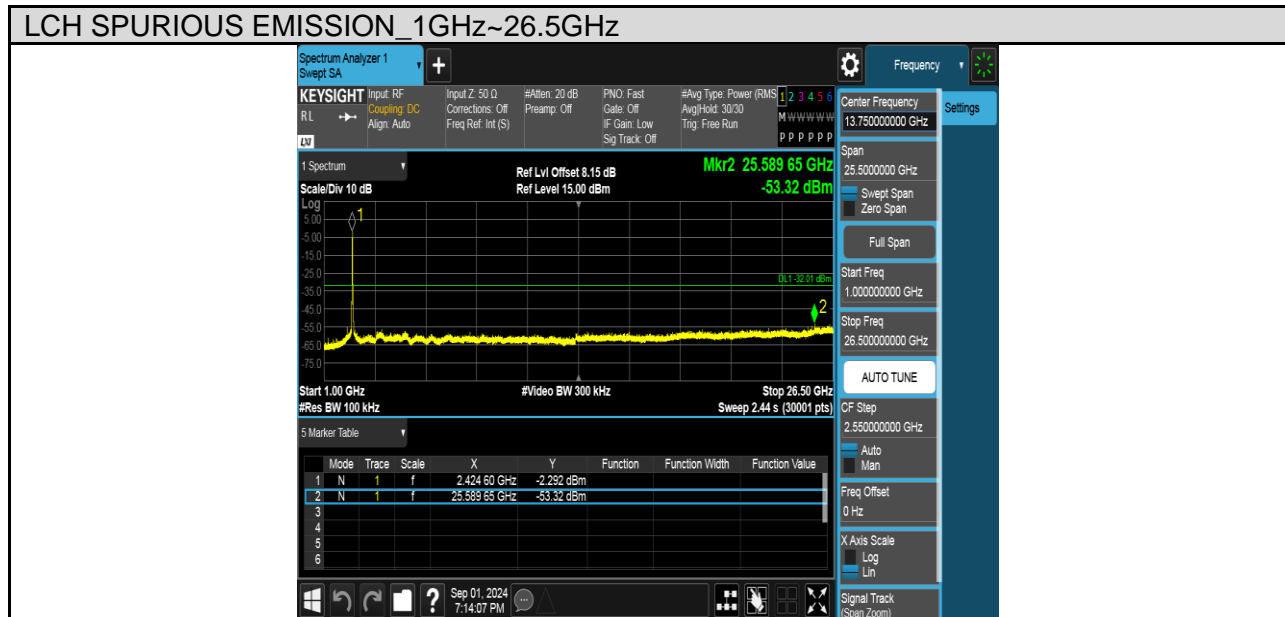
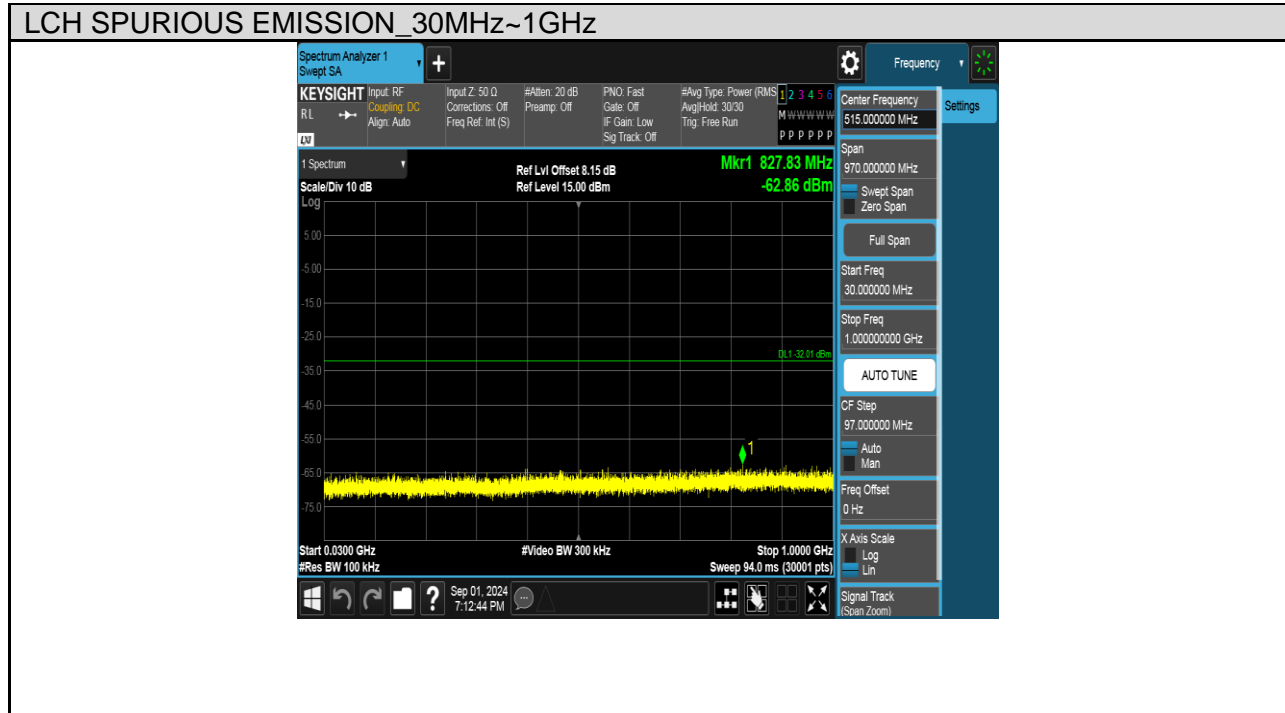


Test Mode	Channel	Verdict
11N HT20	HCH	PASS

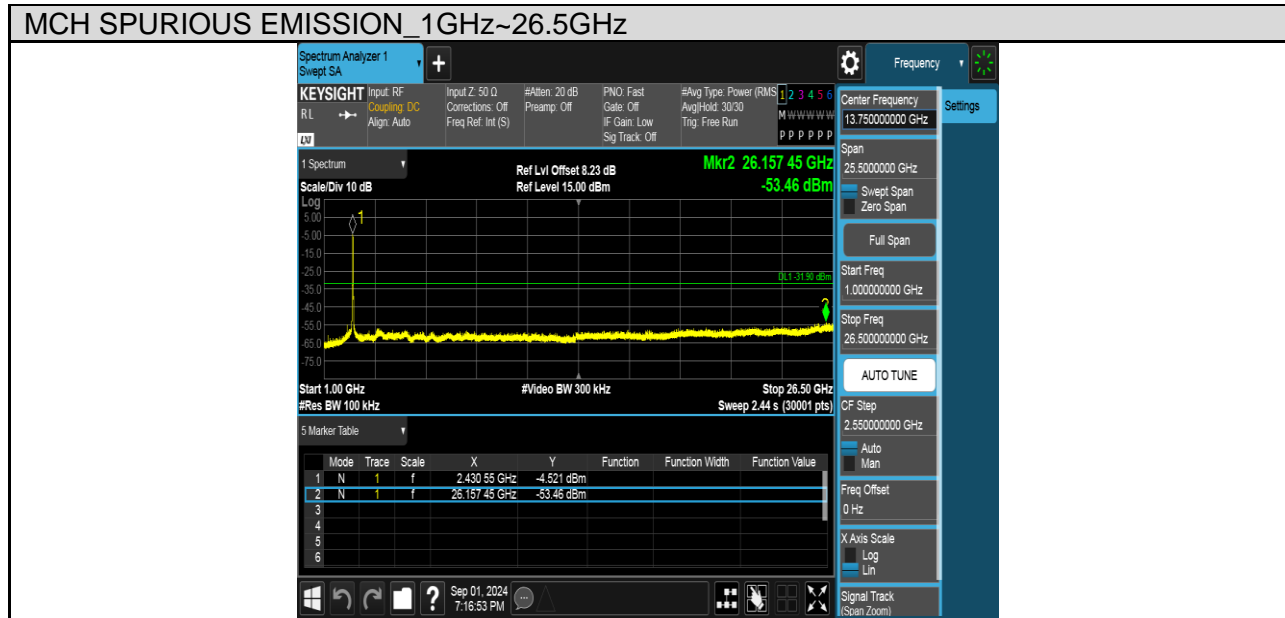
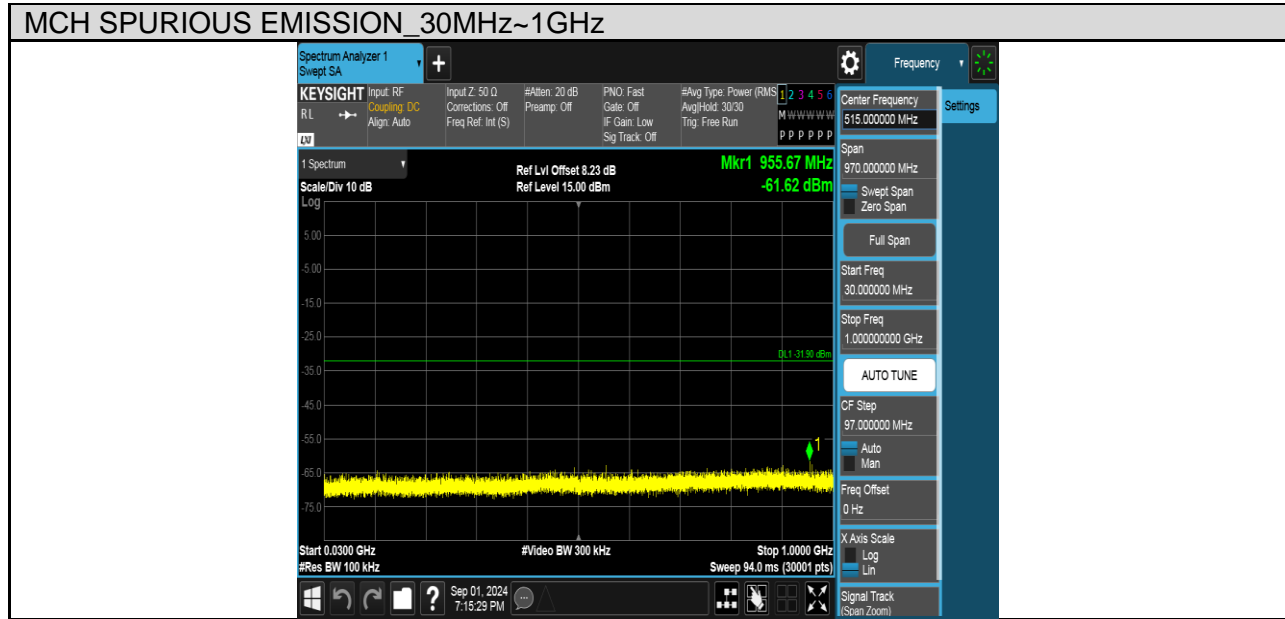




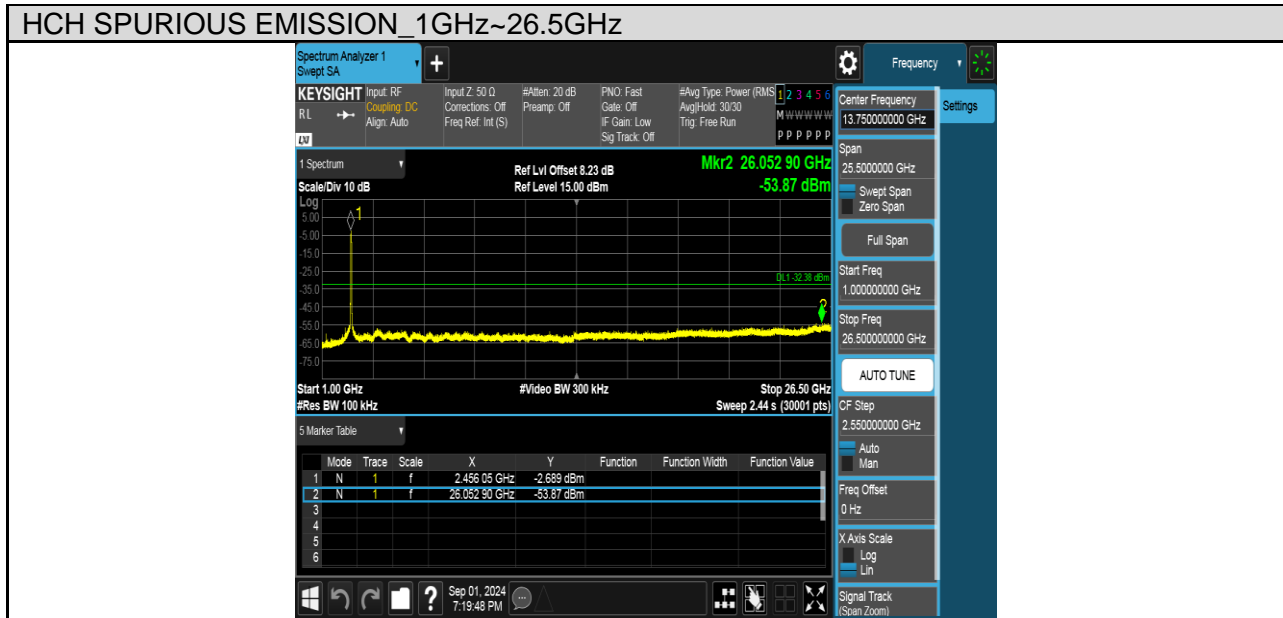
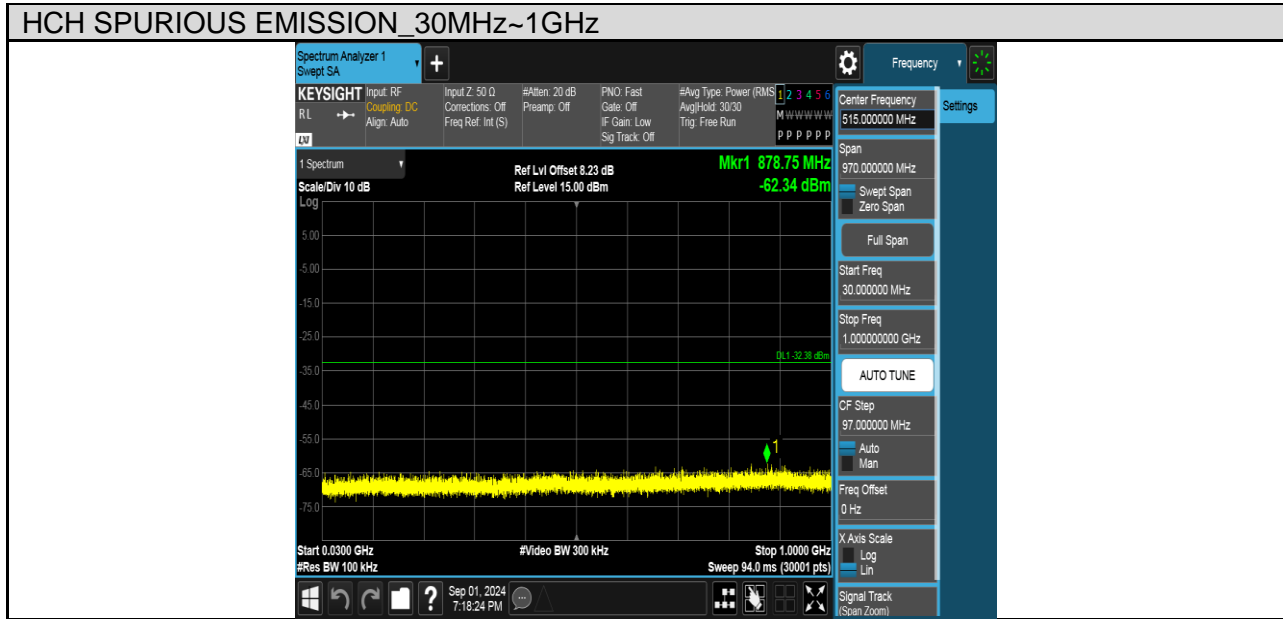
Test Mode	Channel	Verdict
11N HT40	LCH	PASS



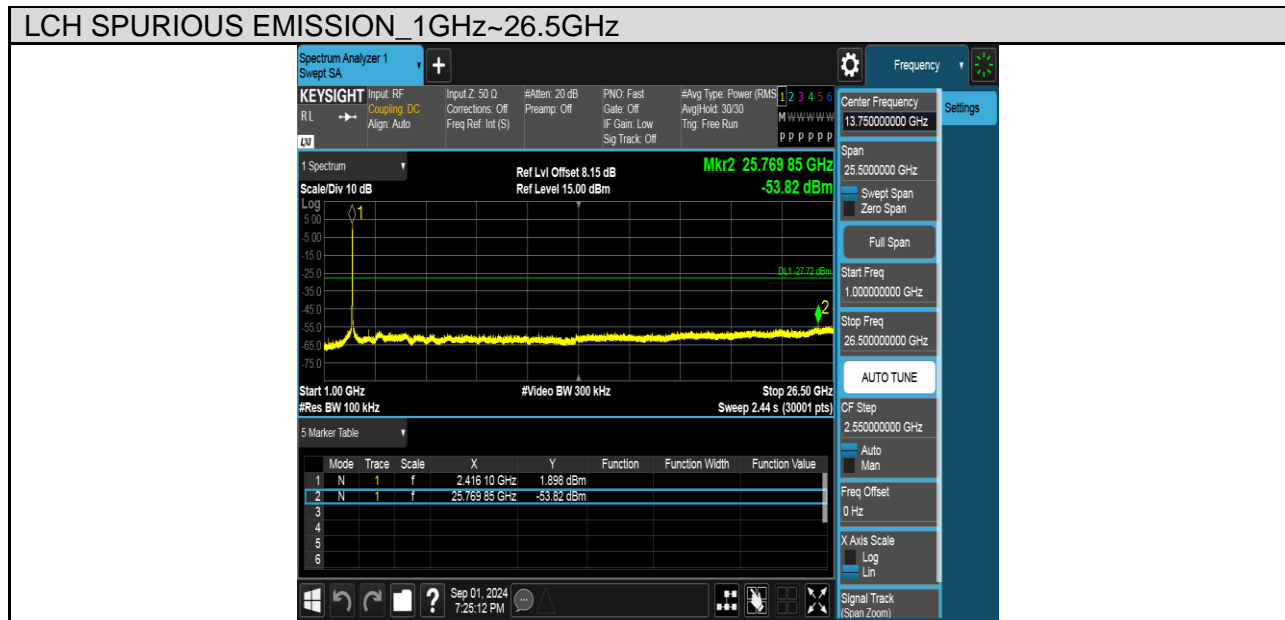
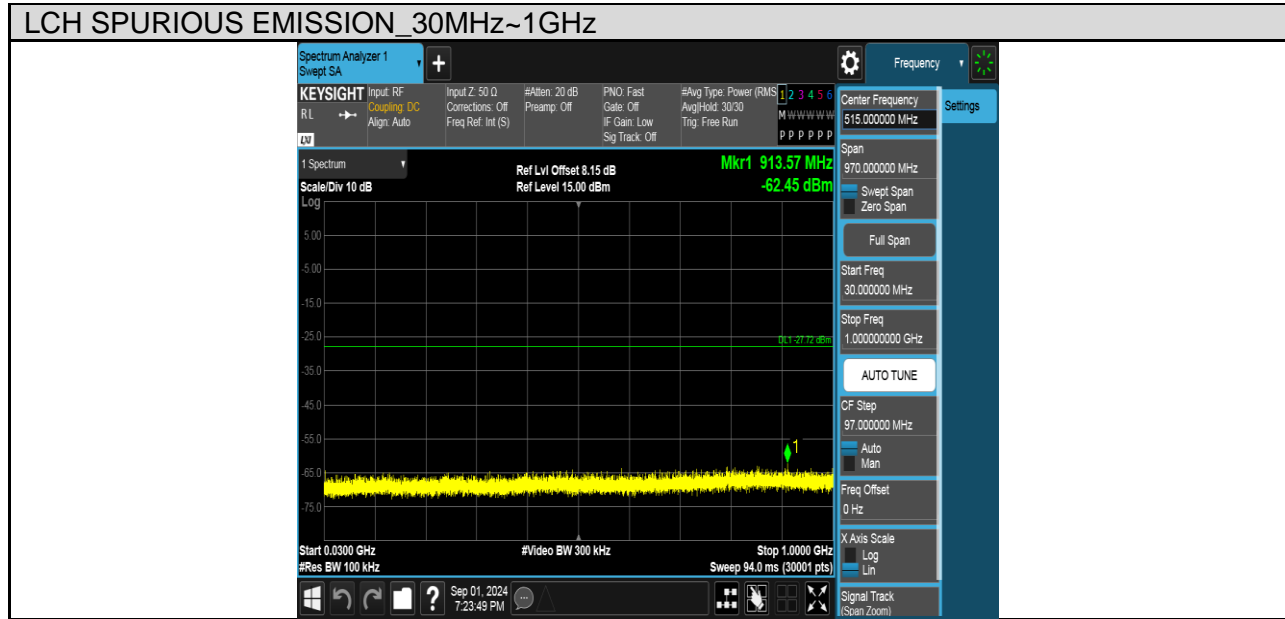
Test Mode	Channel	Verdict
11N HT40	MCH	PASS



Test Mode	Channel	Verdict
11N HT40	HCH	PASS

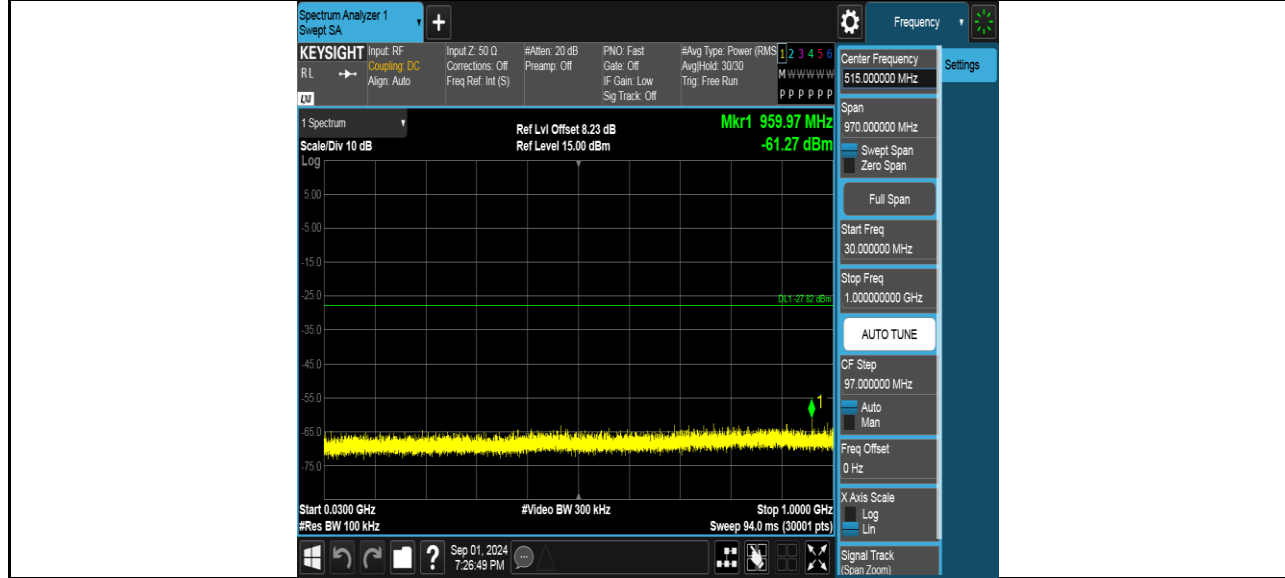


Test Mode	Channel	Verdict
11AX HE20	LCH	PASS

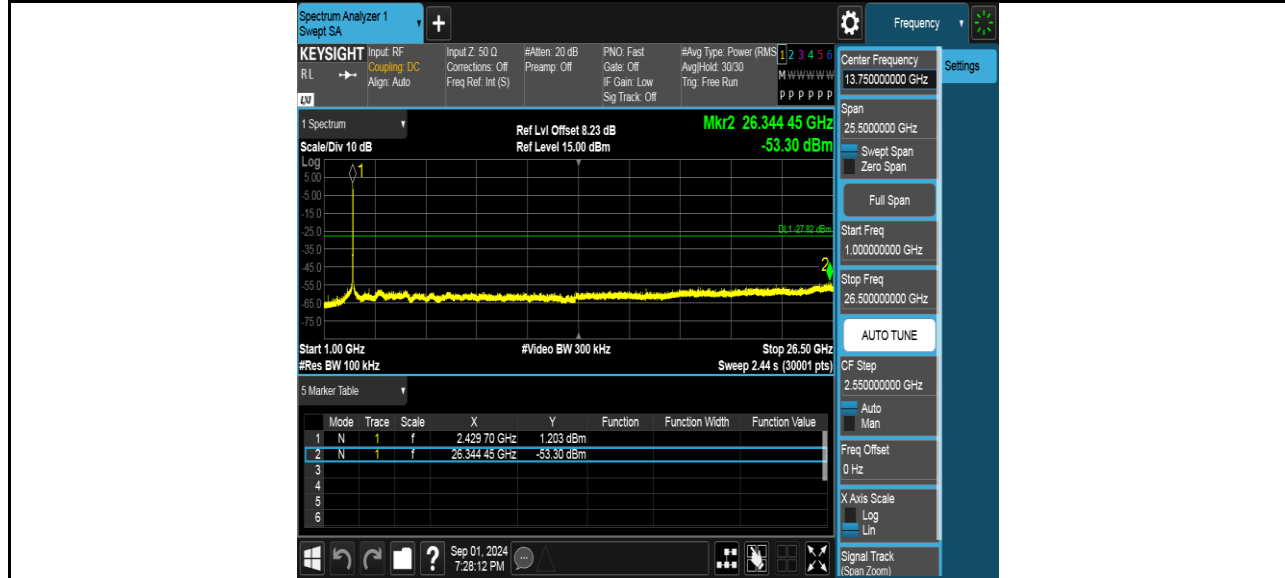


Test Mode	Channel	Verdict
11AX HE20	MCH	PASS

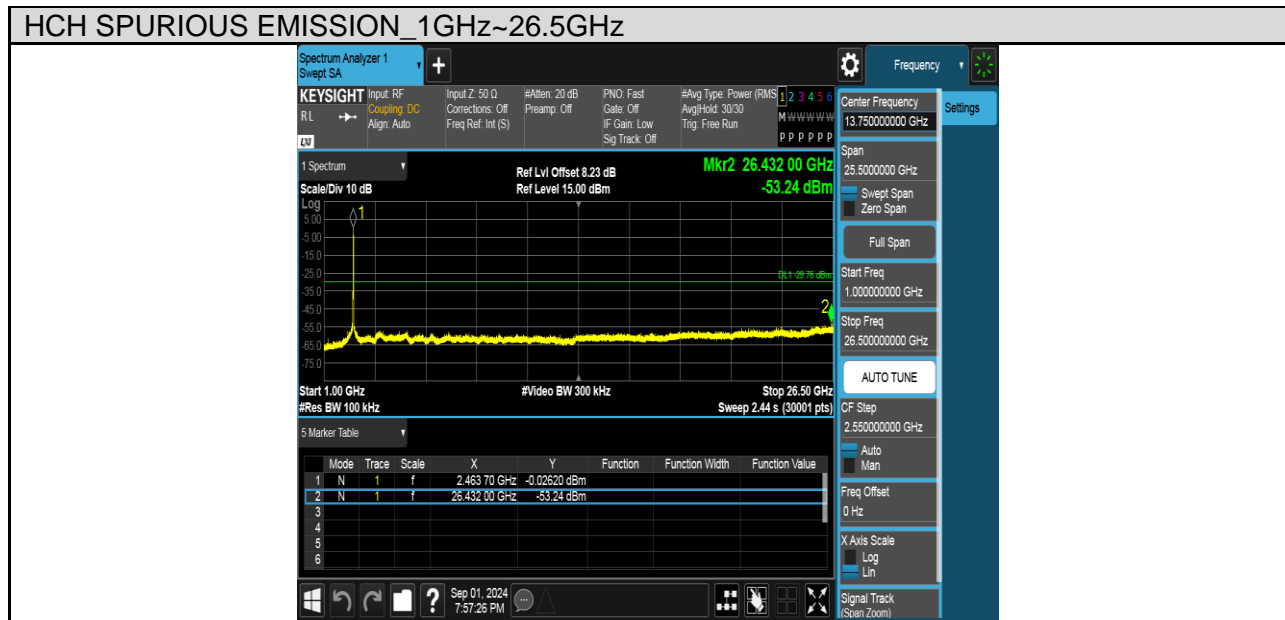
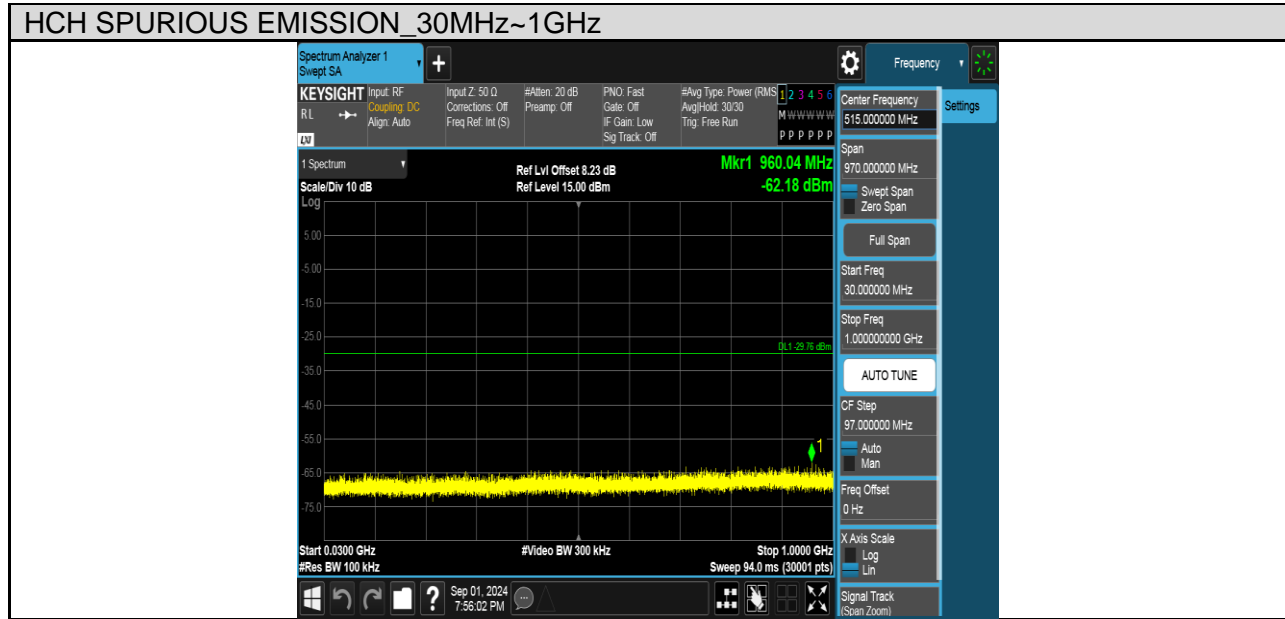
MCH SPURIOUS EMISSION\_30MHz~1GHz



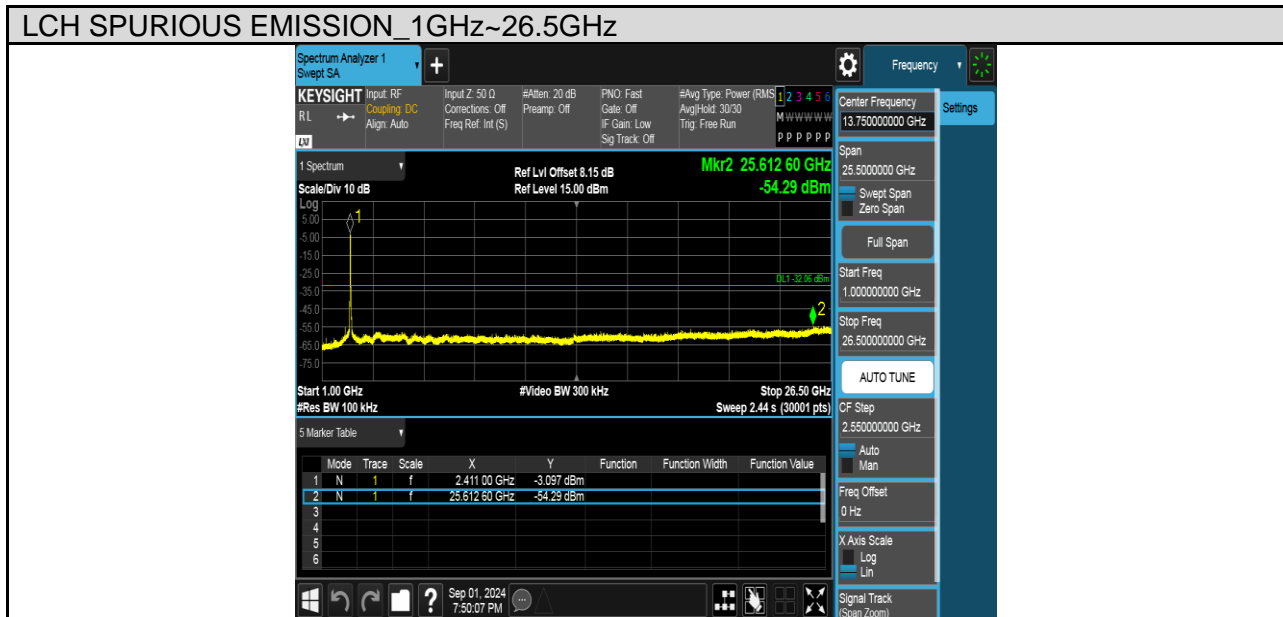
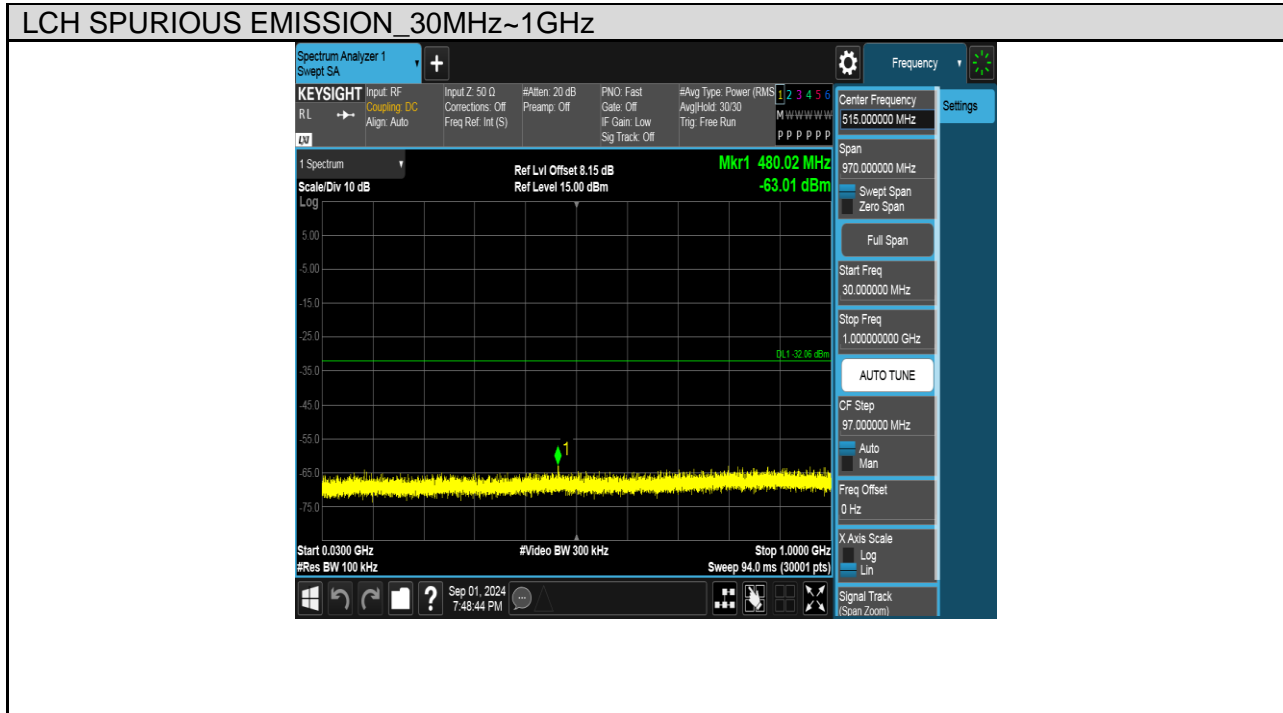
MCH SPURIOUS EMISSION\_1GHz~26.5GHz



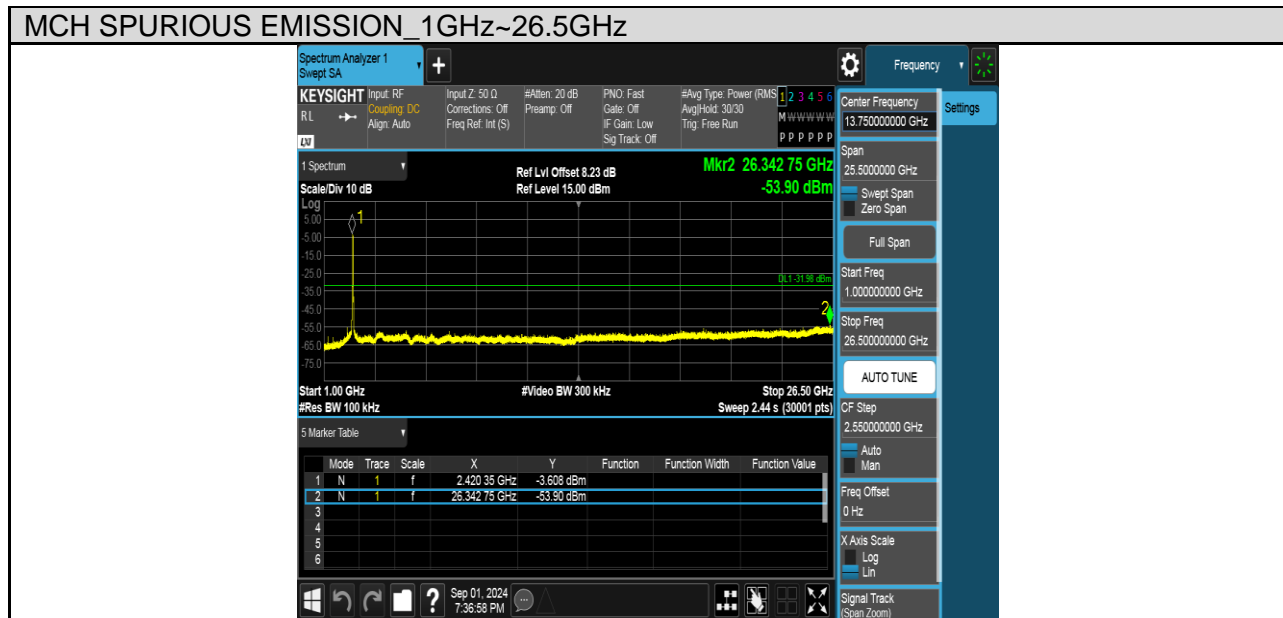
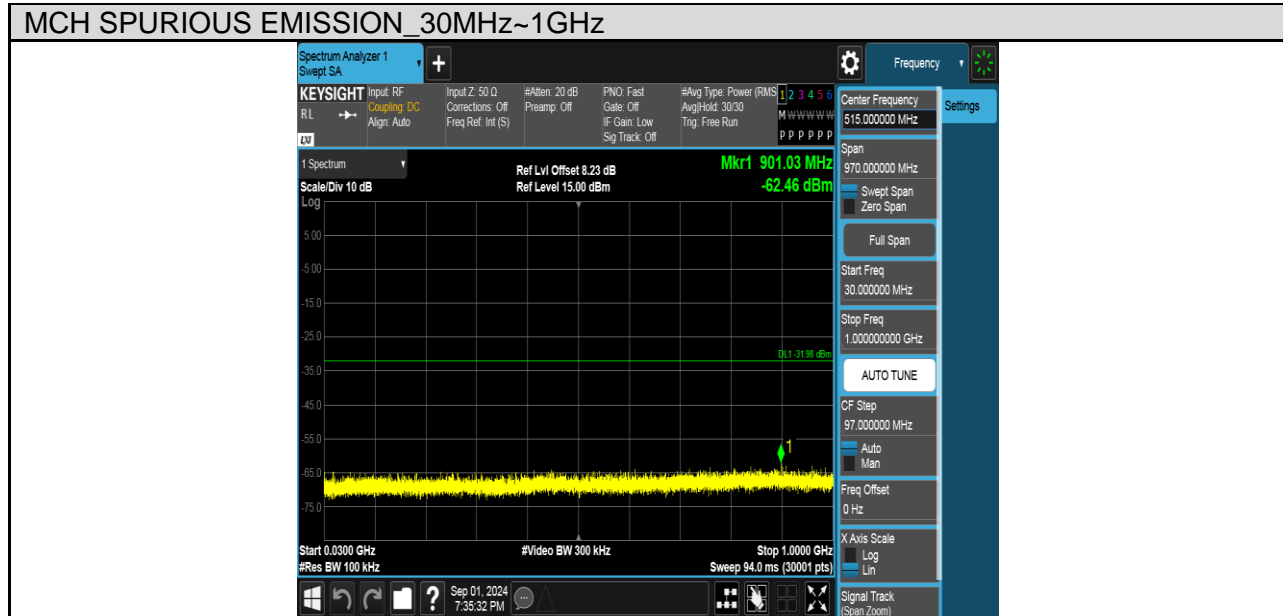
Test Mode	Channel	Verdict
11AX HE20	HCH	PASS



Test Mode	Channel	Verdict
11AX HE40	LCH	PASS

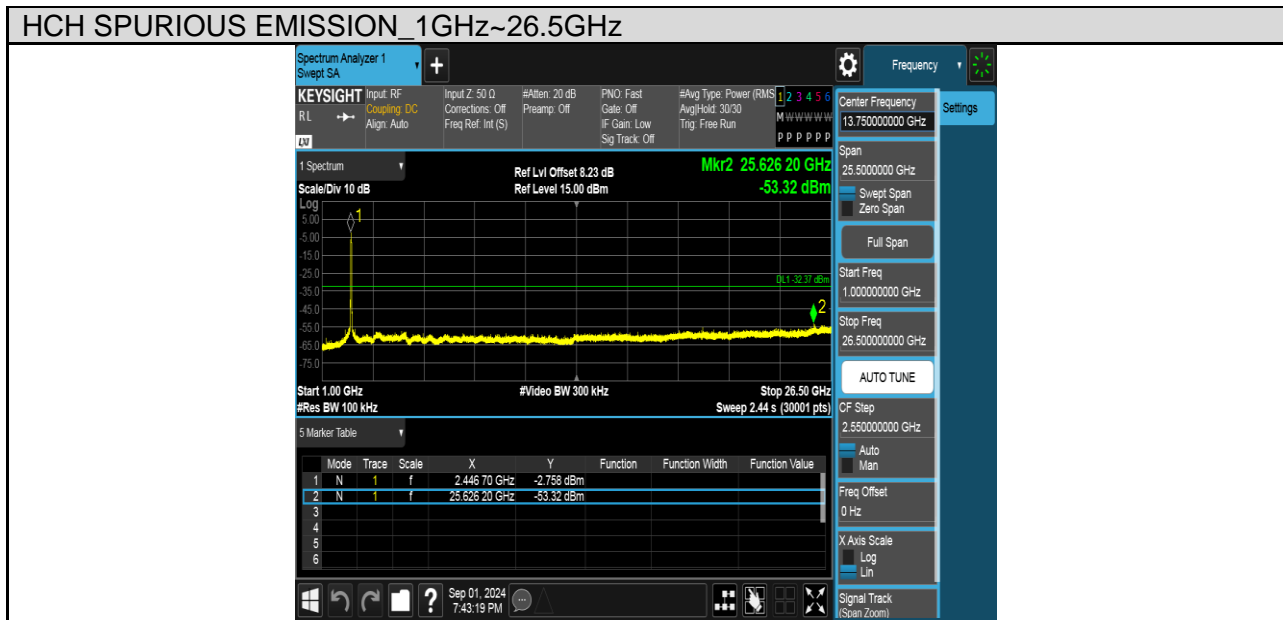
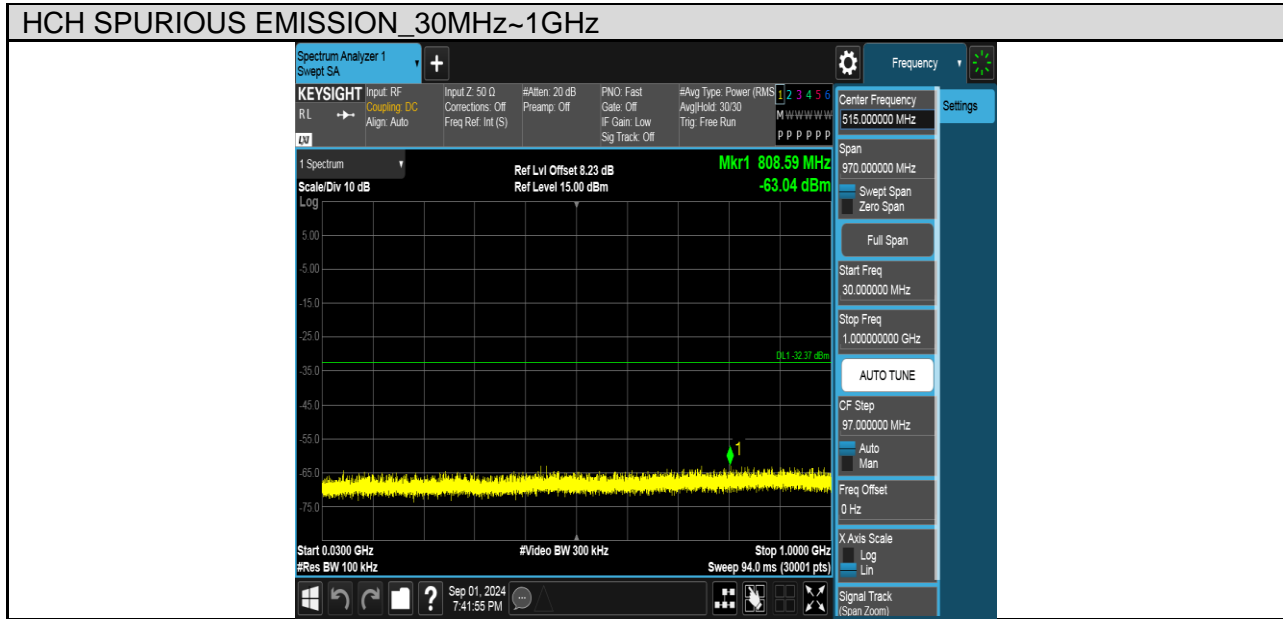


Test Mode	Channel	Verdict
11AX HE40	MCH	PASS





Test Mode	Channel	Verdict
11AX HE40	HCH	PASS



## 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

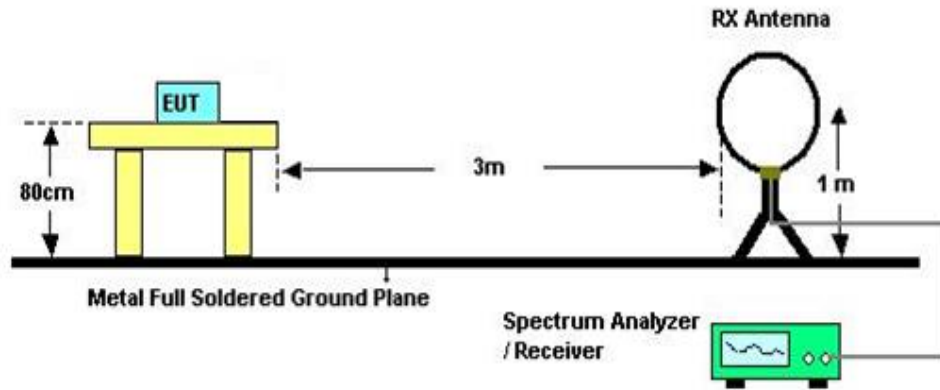
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5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

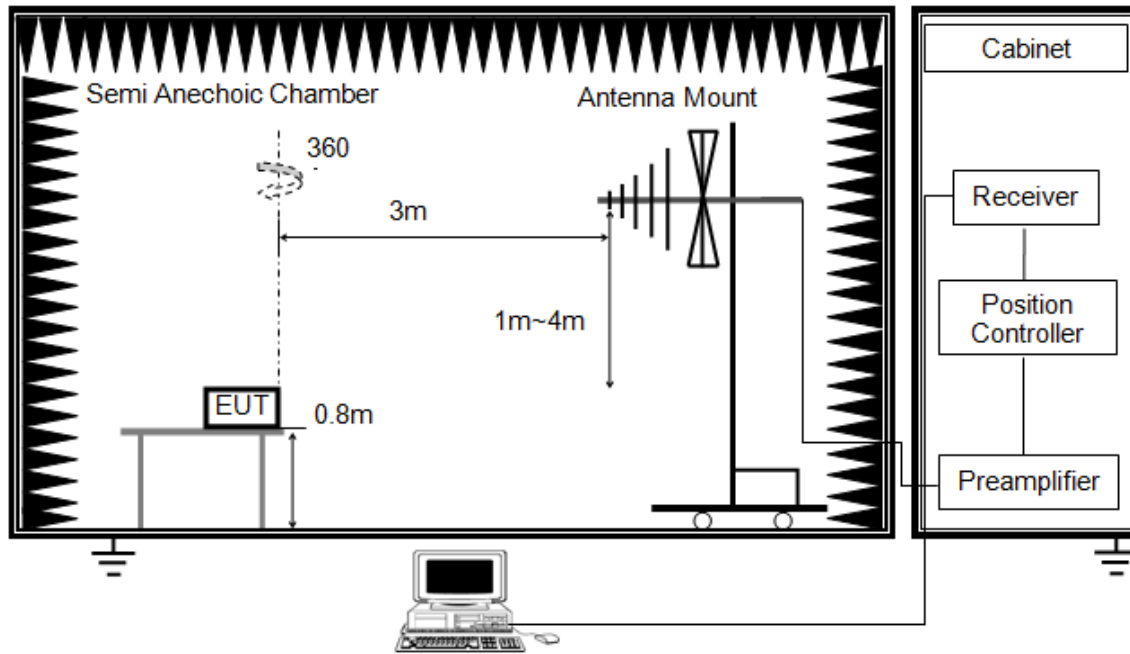


The setting of the spectrum analyser

RBW	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)
8. The limits in FCC 47 CFR, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377 Ω. For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to  $Y - 51.5 = Z$  dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1G

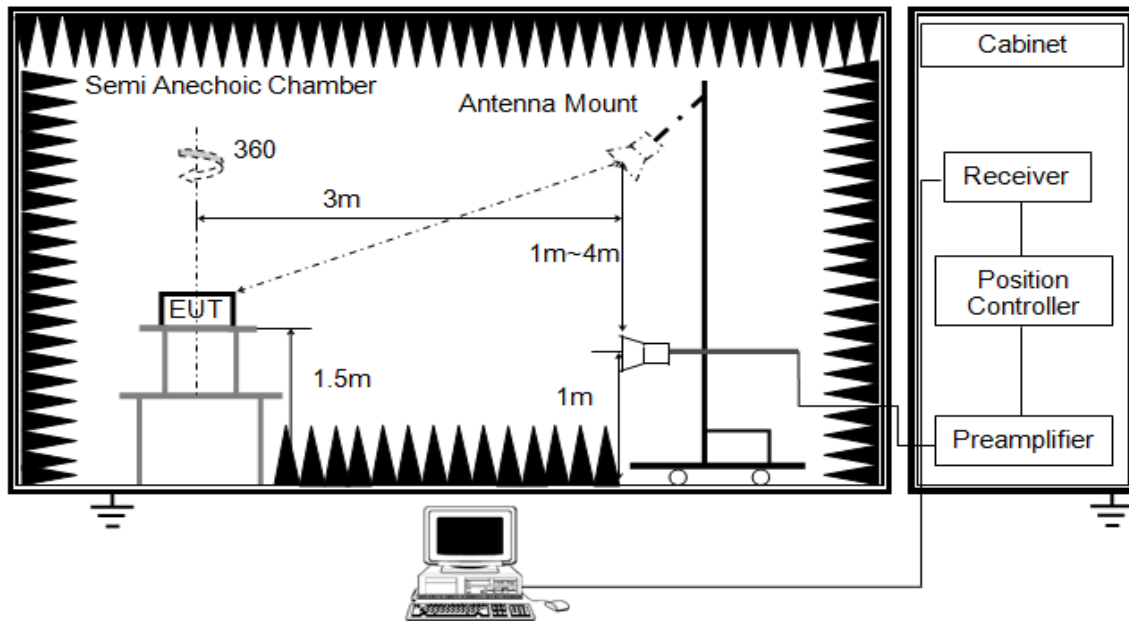


The setting of the spectrum analyser

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

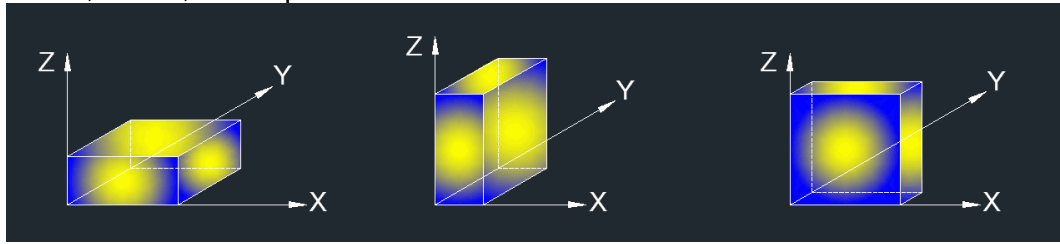


The setting of the spectrum analyser

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: See note 6
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 1: For all radiated test, EUT in one orthogonal axis (X axis) emissions had been tested and recorded in the report.

Note 2: The EUT can transmit with/without the dock, both the two conditions have been tested, the condition without dock was the worse case and recorded in this test report.



## 8.2. TEST ENVIRONMENT

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

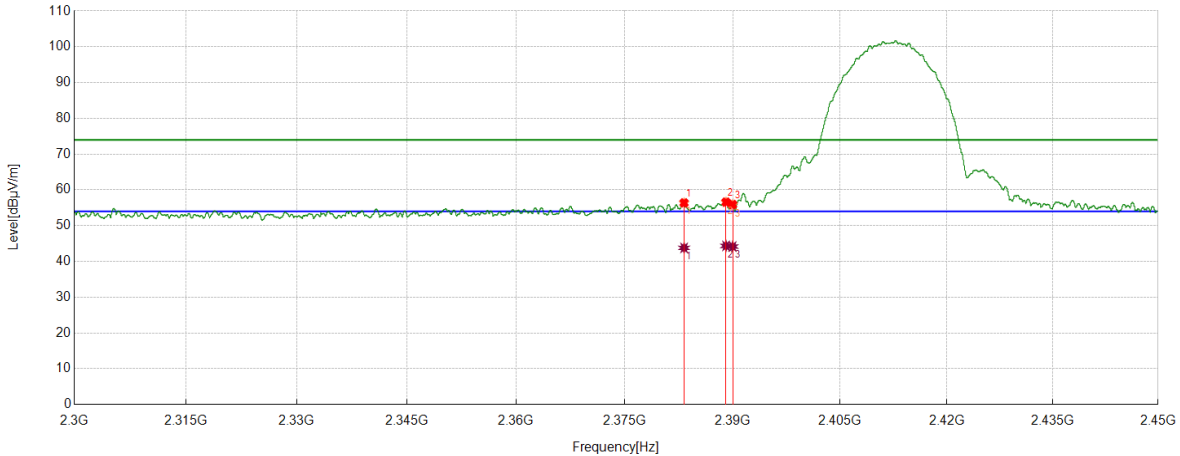
## 8.3. RESTRICTED BANDEDGE

### TEST RESULT TABLE

Test Mode	Channel	P <sub>uw</sub> (dBm)	Verdict
11B	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11AX HE20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11AX HE40	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

**TEST GRAPHS**

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



**PK Result:**

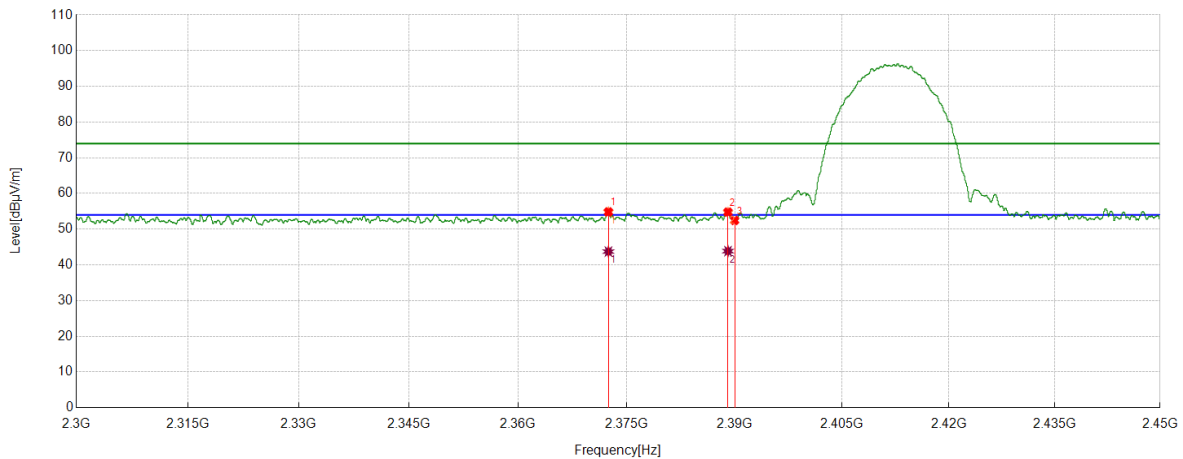
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2383.2417	42.75	13.56	56.31	74.00	-17.69	Horizontal
2	2389.0736	43.02	13.49	56.51	74.00	-17.49	Horizontal
3	2390.0000	42.34	13.48	55.82	74.00	-18.18	Horizontal

**AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2383.2417	30.22	13.56	43.78	54.00	-10.22	Horizontal
2	2389.0736	30.85	13.49	44.34	54.00	-9.66	Horizontal
3	2390.0000	30.68	13.48	44.16	54.00	-9.84	Horizontal

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

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

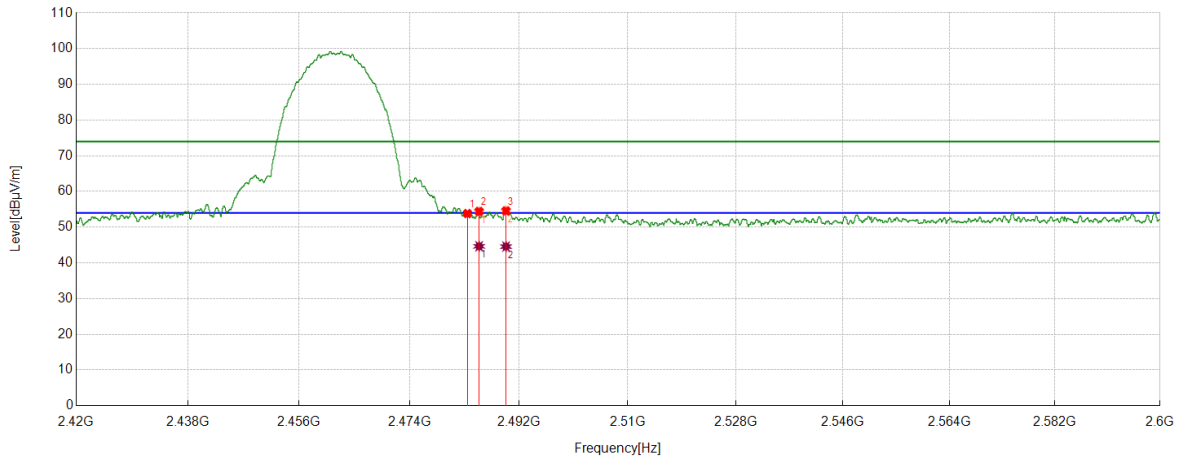
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2372.4778	41.25	13.57	54.82	74.00	-19.18	Vertical
2	2389.0736	41.22	13.49	54.71	74.00	-19.29	Vertical
3	2390.0000	38.98	13.48	52.46	74.00	-21.54	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2372.4778	30.16	13.57	43.73	54.00	-10.27	Vertical
2	2389.0736	30.37	13.49	43.86	54.00	-10.14	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
11B	HCH	Horizontal	PASS



PK Result:

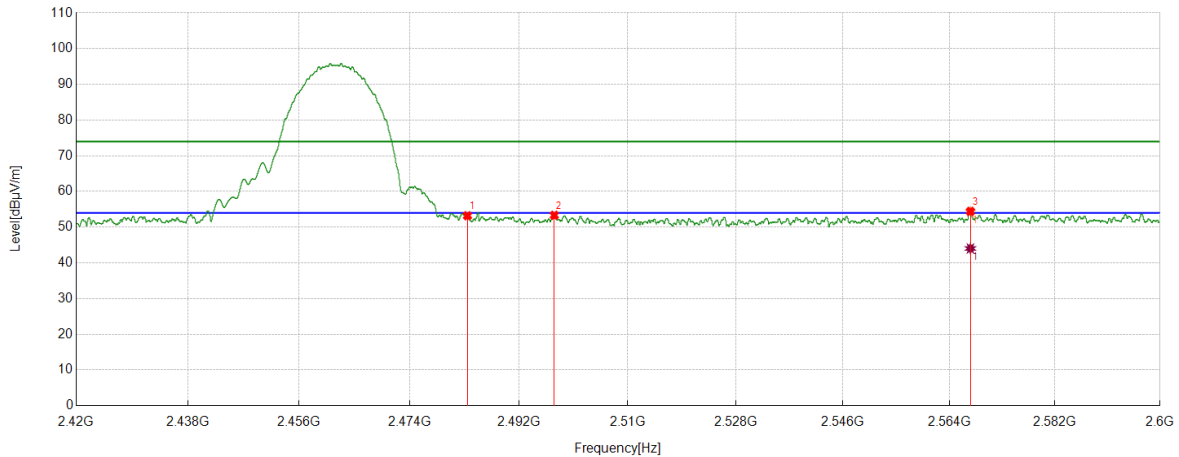
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.57	14.25	53.82	74.00	-20.18	Horizontal
2	2485.4157	40.03	14.28	54.31	74.00	-19.69	Horizontal
3	2489.8487	40.16	14.37	54.53	74.00	-19.47	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2485.4157	30.36	14.28	44.64	54.00	-9.36	Horizontal
2	2489.8487	30.20	14.37	44.57	54.00	-9.43	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:

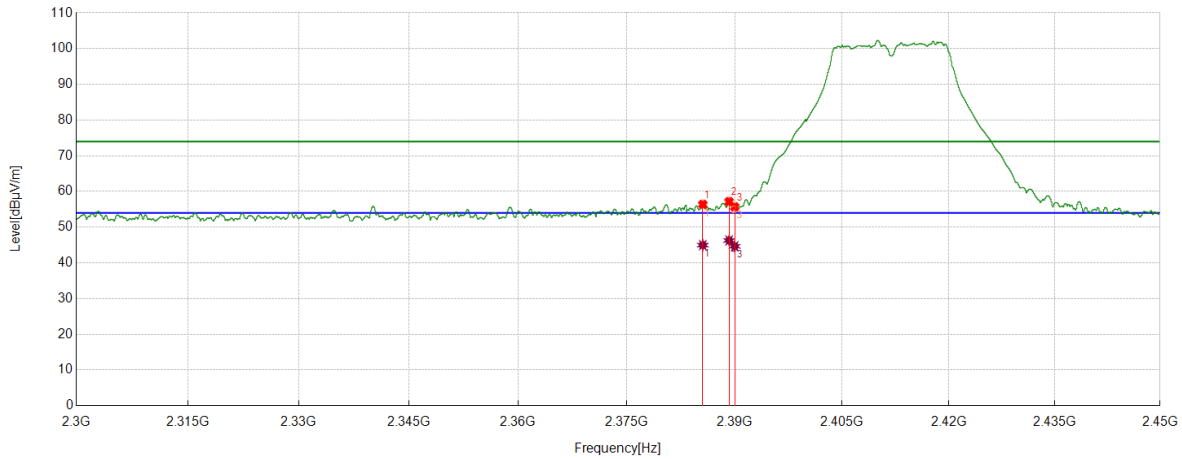
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	38.95	14.25	53.20	74.00	-20.80	Vertical
2	2497.8147	39.02	14.30	53.32	74.00	-20.68	Vertical
3	2567.5734	39.71	14.64	54.35	74.00	-19.65	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2567.5734	29.39	14.64	44.03	54.00	-9.97	Vertical

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
 3. Measurement = Reading Level + Correct Factor,  
 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:

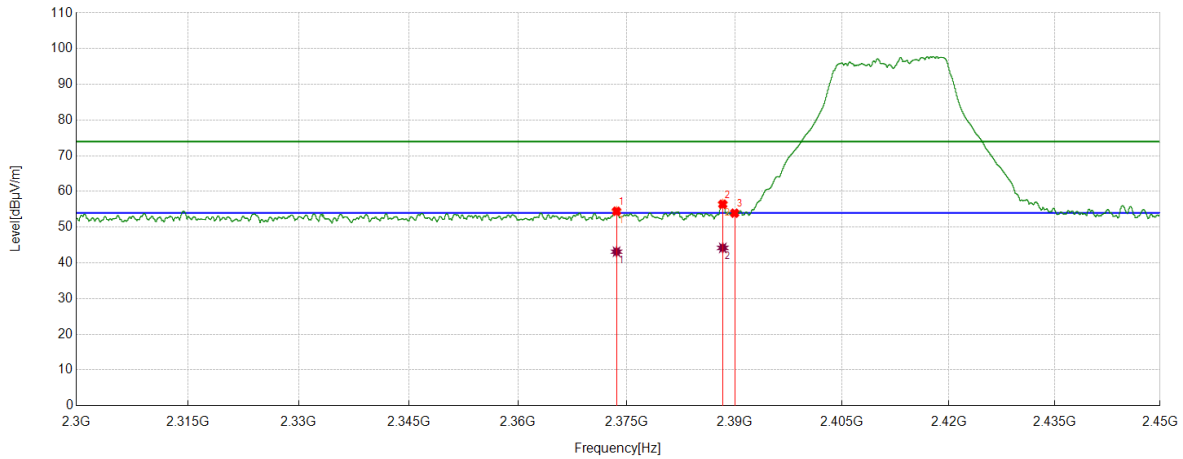
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2385.5669	42.76	13.53	56.29	74.00	-17.71	Horizontal
2	2389.2237	43.63	13.49	57.12	74.00	-16.88	Horizontal
3	2390.0000	42.21	13.48	55.69	74.00	-18.31	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2385.5669	31.45	13.53	44.98	54.00	-9.02	Horizontal
2	2389.2237	32.79	13.49	46.28	54.00	-7.72	Horizontal
3	2390.0000	31.16	13.48	44.64	54.00	-9.36	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:

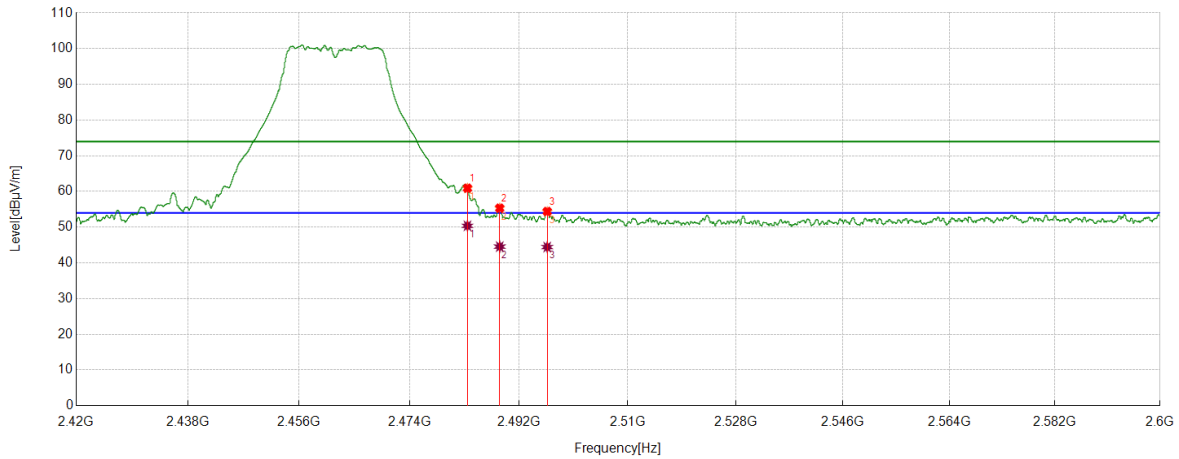
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2373.6030	40.80	13.57	54.37	74.00	-19.63	Vertical
2	2388.3423	42.92	13.50	56.42	74.00	-17.58	Vertical
3	2390.0000	40.45	13.48	53.93	74.00	-20.07	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2373.6030	29.56	13.57	43.13	54.00	-10.87	Vertical
2	2388.3423	30.70	13.50	44.20	54.00	-9.80	Vertical

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

Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	46.60	14.25	60.85	74.00	-13.15	Horizontal
2	2488.8136	40.95	14.35	55.30	74.00	-18.70	Horizontal
3	2496.6446	40.00	14.31	54.31	74.00	-19.69	Horizontal

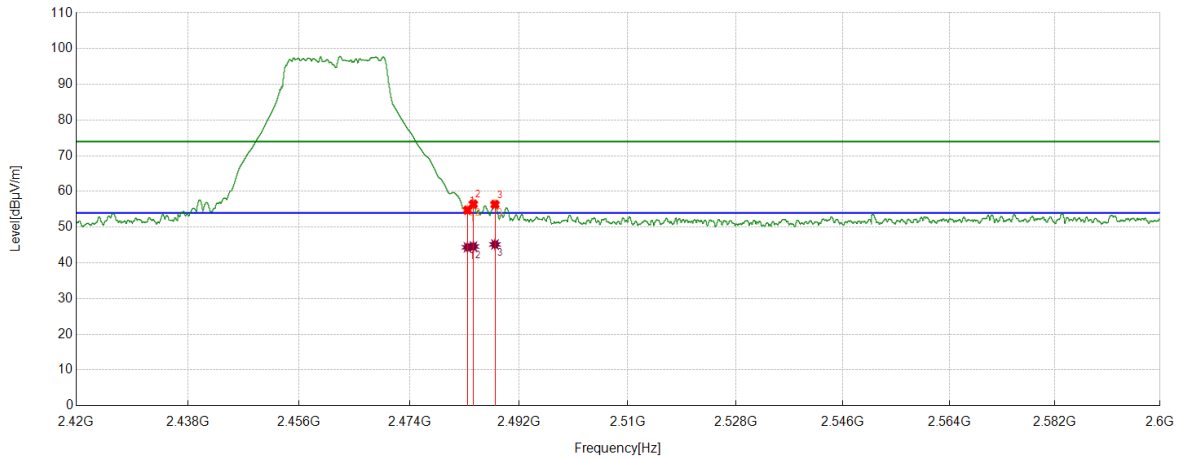
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	36.13	14.25	50.38	54.00	-3.62	Horizontal
2	2488.8136	30.20	14.35	44.55	54.00	-9.45	Horizontal
3	2496.6446	30.12	14.31	44.43	54.00	-9.57	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:

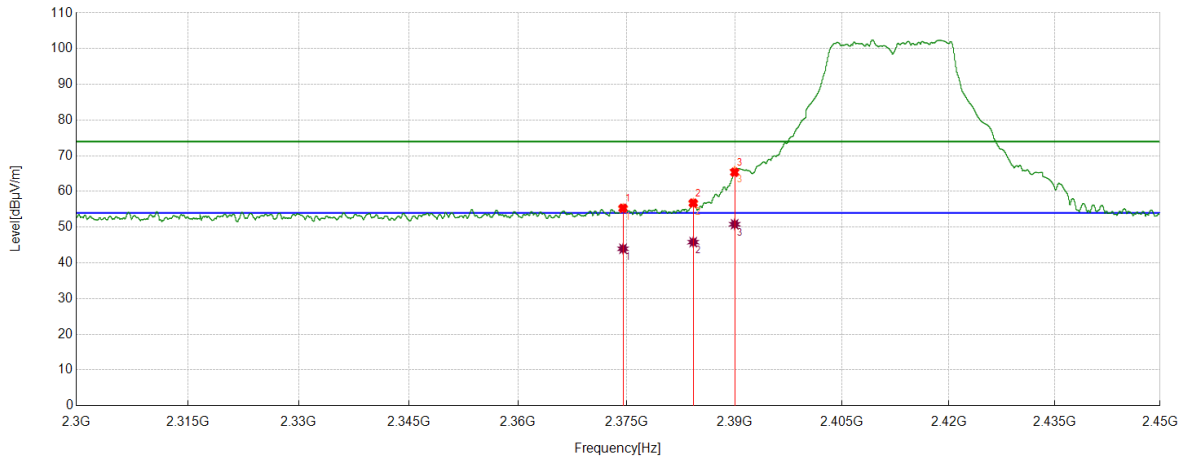
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	40.48	14.25	54.73	74.00	-19.27	Vertical
2	2484.4706	42.20	14.27	56.47	74.00	-17.53	Vertical
3	2488.0260	41.99	14.34	56.33	74.00	-17.67	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	30.12	14.25	44.37	54.00	-9.63	Vertical
2	2484.4706	30.31	14.27	44.58	54.00	-9.42	Vertical
3	2488.0260	30.83	14.34	45.17	54.00	-8.83	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:

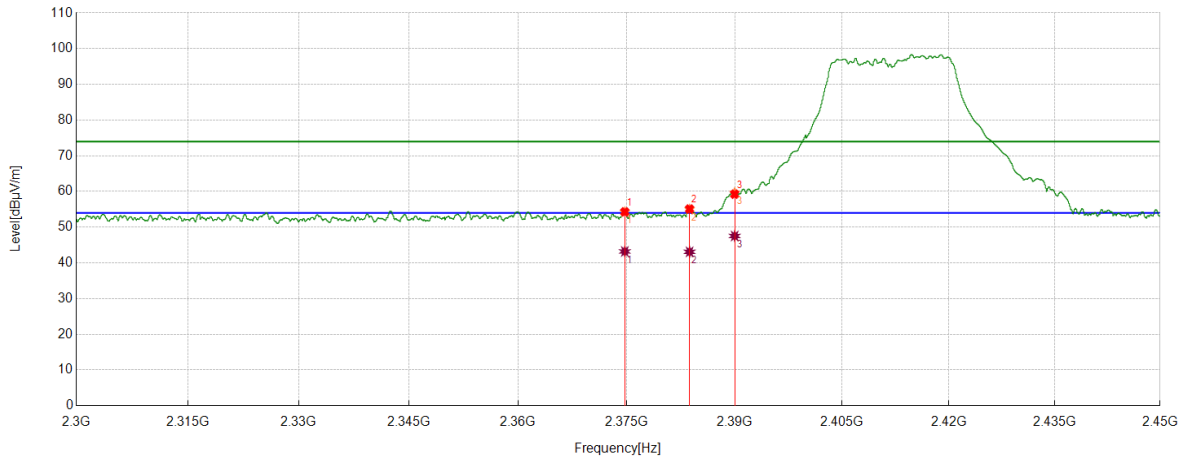
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2374.5031	41.65	13.57	55.22	74.00	-18.78	Horizontal
2	2384.2355	43.15	13.55	56.70	74.00	-17.30	Horizontal
3	2390.0000	52.26	13.48	65.74	74.00	-8.26	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2374.5031	30.38	13.57	43.95	54.00	-10.05	Horizontal
2	2384.2355	32.26	13.55	45.81	54.00	-8.19	Horizontal
3	2390.0000	37.35	13.48	50.83	54.00	-3.17	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:

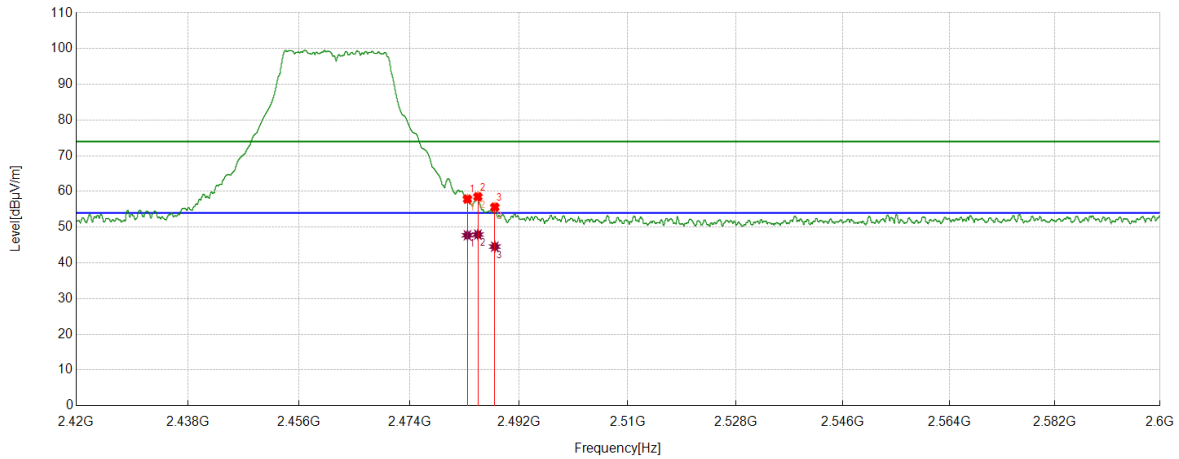
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2374.7468	40.67	13.57	54.24	74.00	-19.76	Vertical
2	2383.7292	41.46	13.55	55.01	74.00	-18.99	Vertical
3	2390.0000	46.19	13.48	59.67	74.00	-14.33	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2374.7468	29.63	13.57	43.20	54.00	-10.80	Vertical
2	2383.7292	29.54	13.55	43.09	54.00	-10.91	Vertical
3	2390.0000	34.05	13.48	47.53	54.00	-6.47	Vertical

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

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



PK Result:

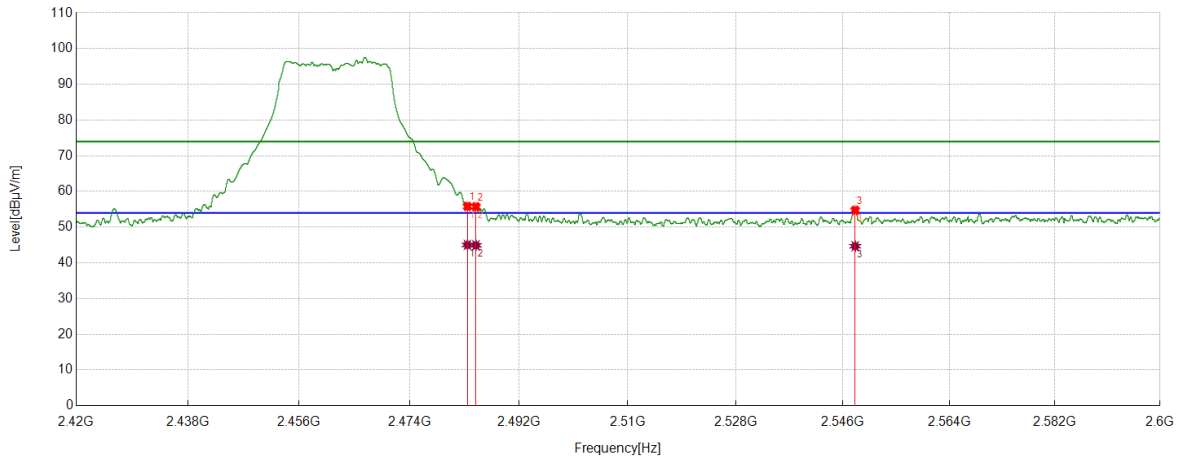
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	43.55	14.25	57.80	74.00	-16.20	Horizontal
2	2485.2132	44.25	14.28	58.53	74.00	-15.47	Horizontal
3	2488.0035	41.22	14.34	55.56	74.00	-18.44	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	33.49	14.25	47.74	54.00	-6.26	Horizontal
2	2485.2132	33.65	14.28	47.93	54.00	-6.07	Horizontal
3	2488.0035	30.21	14.34	44.55	54.00	-9.45	Horizontal

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

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



PK Result:

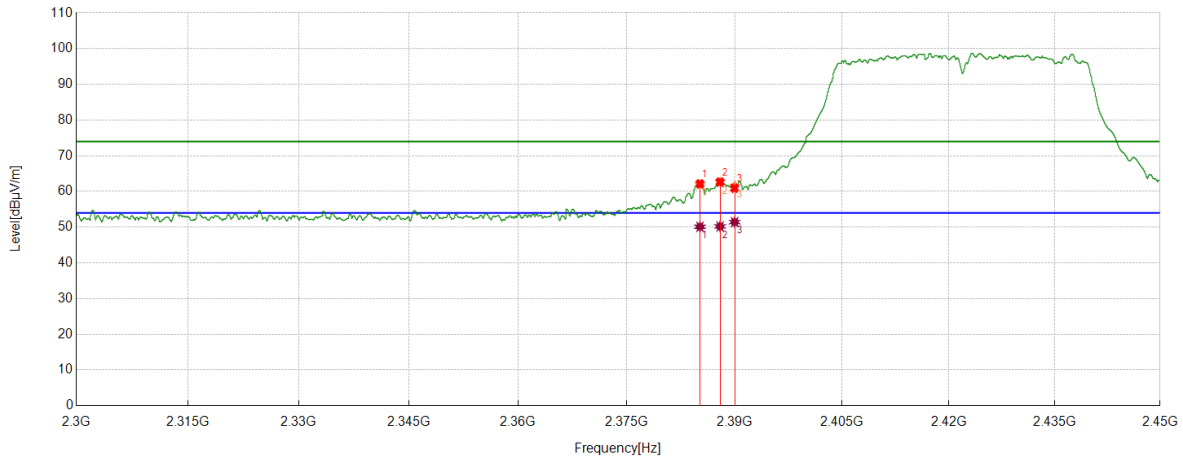
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	41.53	14.25	55.78	74.00	-18.22	Vertical
2	2484.8981	41.36	14.28	55.64	74.00	-18.36	Vertical
3	2548.0635	40.11	14.62	54.73	74.00	-19.27	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	30.79	14.25	45.04	54.00	-8.96	Vertical
2	2484.8981	30.64	14.28	44.92	54.00	-9.08	Vertical
3	2548.0635	30.05	14.62	44.67	54.00	-9.33	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
11N HT40	LCH	Horizontal	PASS



PK Result:

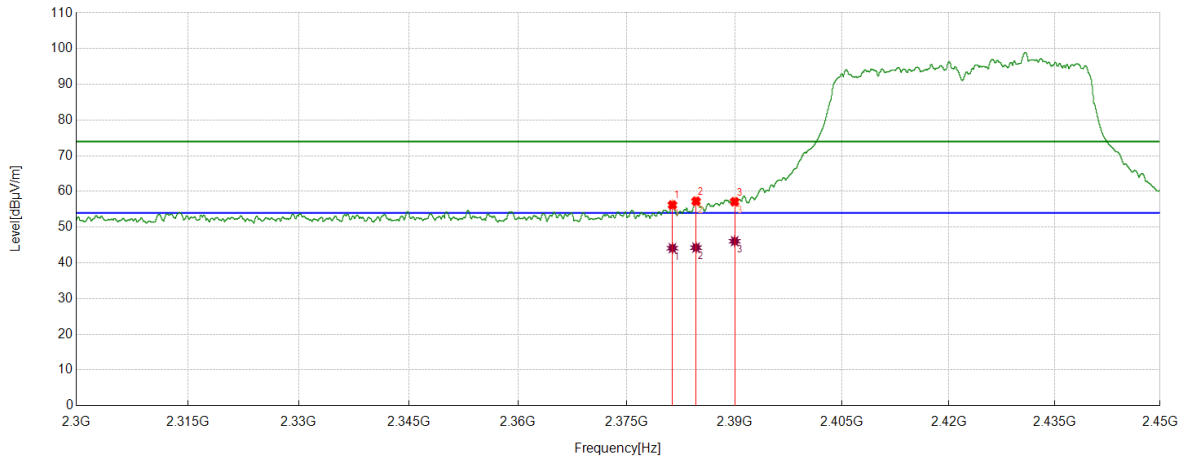
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2385.1731	48.38	13.54	61.92	74.00	-12.08	Horizontal
2	2387.9672	49.08	13.50	62.58	74.00	-11.42	Horizontal
3	2390.0000	48.10	13.48	61.58	74.00	-12.42	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2385.1731	36.57	13.54	50.11	54.00	-3.89	Horizontal
2	2387.9672	36.71	13.50	50.21	54.00	-3.79	Horizontal
3	2390.0000	37.94	13.48	51.42	54.00	-2.58	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:

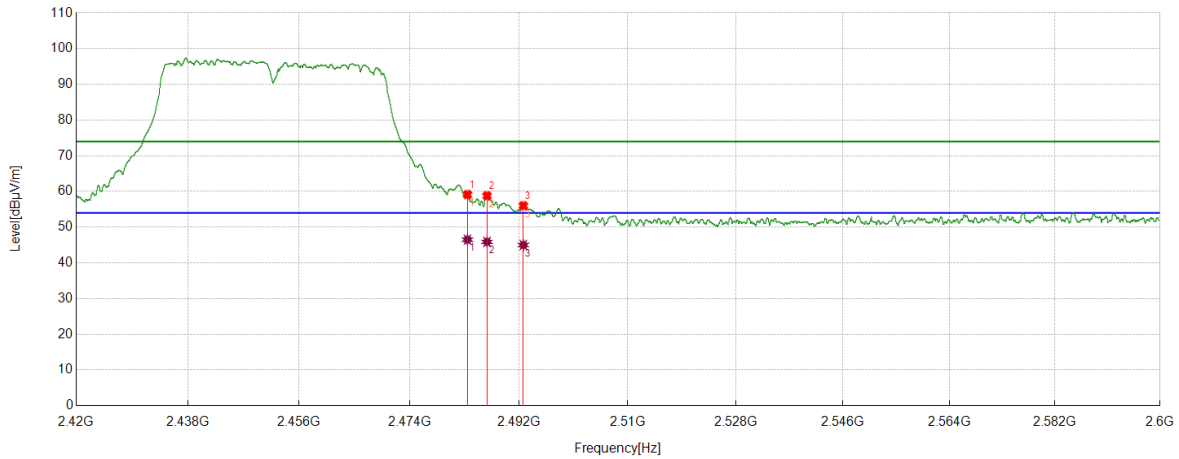
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2381.3477	42.62	13.59	56.21	74.00	-17.79	Vertical
2	2384.6293	43.66	13.54	57.20	74.00	-16.80	Vertical
3	2390.0000	43.60	13.48	57.08	74.00	-16.92	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2381.3477	30.53	13.59	44.12	54.00	-9.88	Vertical
2	2384.6293	30.74	13.54	44.28	54.00	-9.72	Vertical
3	2390.0000	32.59	13.48	46.07	54.00	-7.93	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	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	44.87	14.25	59.12	74.00	-14.88	Horizontal
2	2486.7208	44.46	14.31	58.77	74.00	-15.23	Horizontal
3	2492.7066	41.59	14.35	55.94	74.00	-18.06	Horizontal

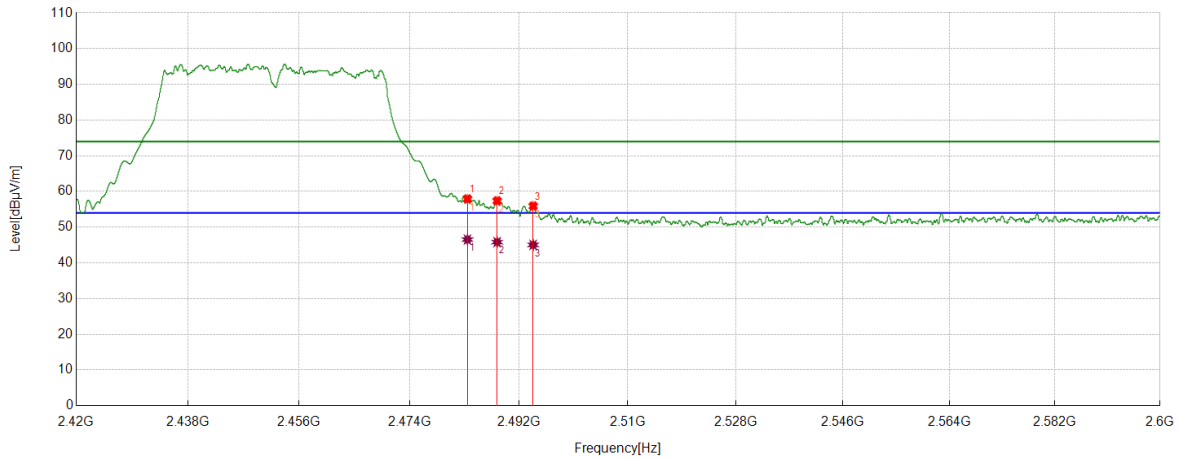
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	32.25	14.25	46.50	54.00	-7.50	Horizontal
2	2486.7208	31.57	14.31	45.88	54.00	-8.12	Horizontal
3	2492.7066	30.66	14.35	45.01	54.00	-8.99	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
11N HT40	HCH	Vertical	PASS



PK Result:

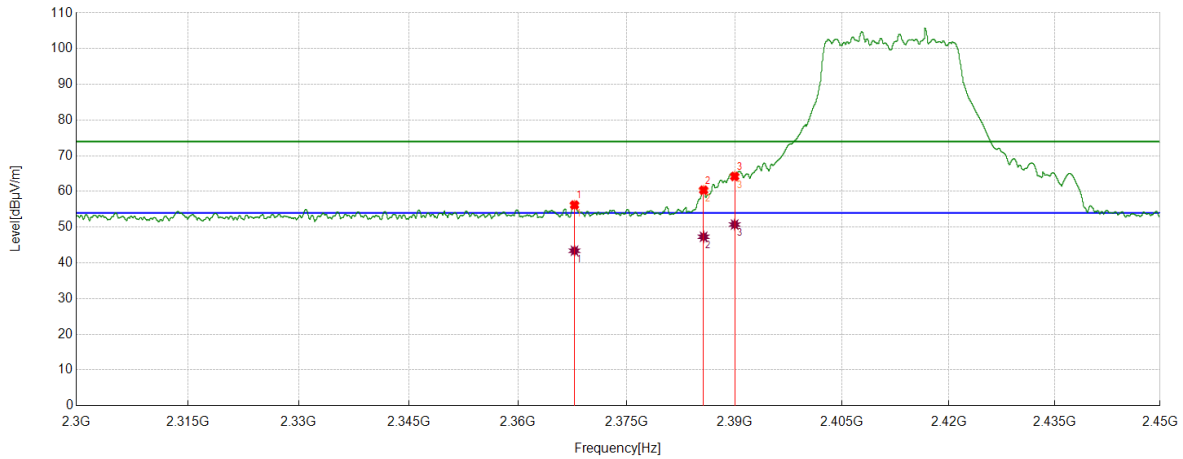
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	43.58	14.25	57.83	74.00	-16.17	Vertical
2	2488.386	42.99	14.34	57.33	74.00	-16.67	Vertical
3	2494.3268	41.59	14.34	55.93	74.00	-18.07	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	32.28	14.25	46.53	54.00	-7.47	Vertical
2	2488.386	31.47	14.34	45.81	54.00	-8.19	Vertical
3	2494.3268	30.70	14.34	45.04	54.00	-8.96	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
11AX HE20	LCH	Horizontal	PASS



PK Result:

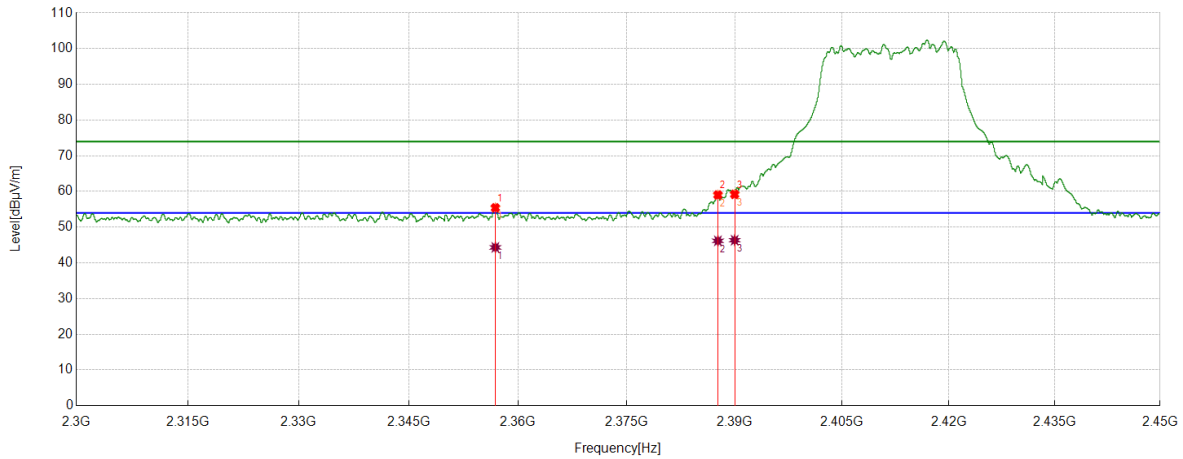
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2367.7897	42.62	13.53	56.15	74.00	-17.85	Horizontal
2	2385.6795	46.76	13.53	60.29	74.00	-13.71	Horizontal
3	2390.0000	50.75	13.48	64.23	74.00	-9.77	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2367.7897	29.87	13.53	43.40	54.00	-10.60	Horizontal
2	2385.6795	33.78	13.53	47.31	54.00	-6.69	Horizontal
3	2390.0000	37.26	13.48	50.74	54.00	-3.26	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
11AX HE20	LCH	Vertical	PASS



PK Result:

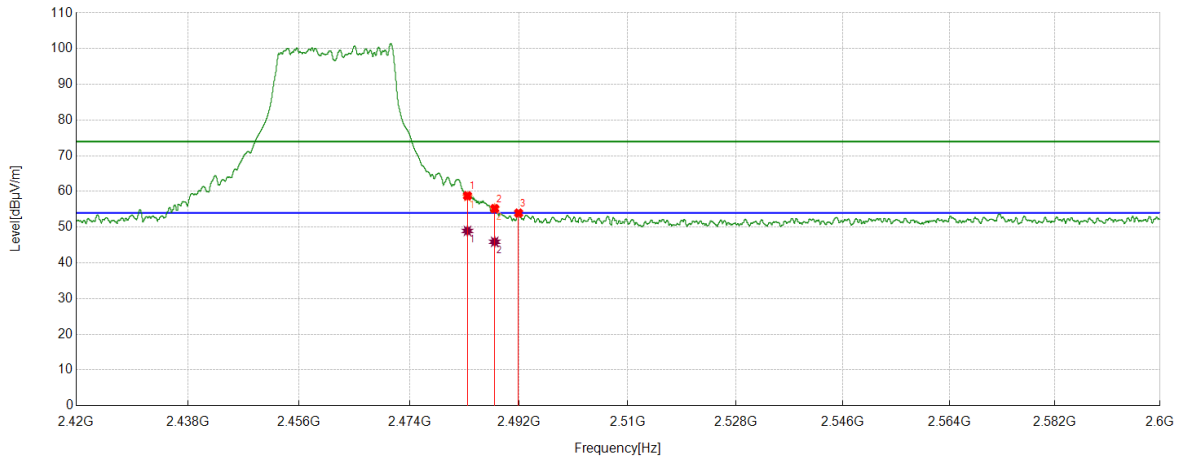
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2356.8946	41.91	13.49	55.40	74.00	-18.60	Vertical
2	2387.6672	45.46	13.50	58.96	74.00	-15.04	Vertical
3	2390.0000	45.71	13.48	59.19	74.00	-14.81	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2356.8946	30.85	13.49	44.34	54.00	-9.66	Vertical
2	2387.6672	32.68	13.50	46.18	54.00	-7.82	Vertical
3	2390.0000	32.87	13.48	46.35	54.00	-7.65	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
11AX HE20	HCH	Horizontal	PASS



PK Result:

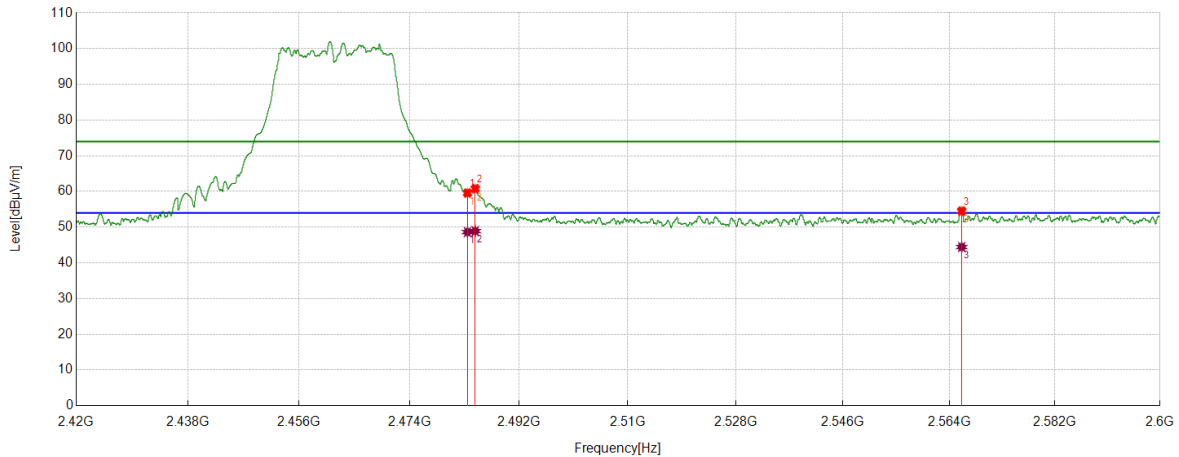
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	44.31	14.25	58.56	74.00	-15.44	Horizontal
2	2487.9810	40.85	14.34	55.19	74.00	-18.81	Horizontal
3	2491.9190	39.59	14.35	53.94	74.00	-20.06	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	34.70	14.25	48.95	54.00	-5.05	Horizontal
2	2487.9810	31.56	14.34	45.90	54.00	-8.10	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
11AX HE20	HCH	Vertical	PASS



PK Result:

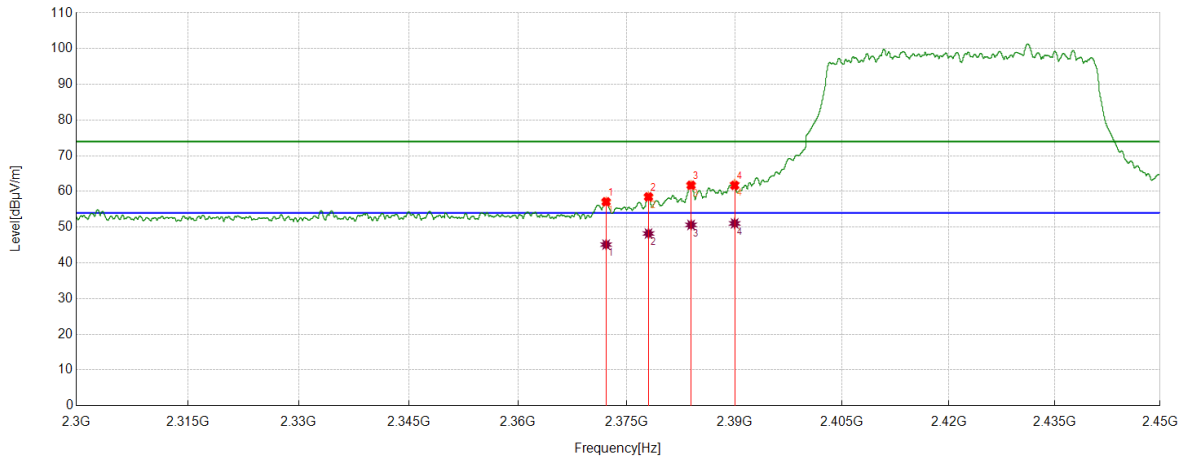
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	45.25	14.25	59.50	74.00	-14.50	Vertical
2	2484.7856	46.44	14.28	60.72	74.00	-13.28	Vertical
3	2566.0883	39.84	14.62	54.46	74.00	-19.54	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	34.38	14.25	48.63	54.00	-5.37	Vertical
2	2484.7856	34.63	14.28	48.91	54.00	-5.09	Vertical
3	2566.0883	29.82	14.62	44.44	54.00	-9.56	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
11AX HE40	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	2372.1590	43.46	13.57	57.03	74.00	-16.97	Horizontal
2	2378.0285	44.87	13.59	58.46	74.00	-15.54	Horizontal
3	2383.9355	48.13	13.55	61.68	74.00	-12.32	Horizontal
4	2390.0000	48.59	13.48	62.07	74.00	-11.93	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2372.159	31.55	13.57	45.12	54.00	-8.88	Horizontal
2	2378.0285	34.63	13.59	48.22	54.00	-5.78	Horizontal
3	2383.9355	37.09	13.55	50.64	54.00	-3.36	Horizontal
4	2390.0000	37.58	13.48	51.06	54.00	-2.94	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.