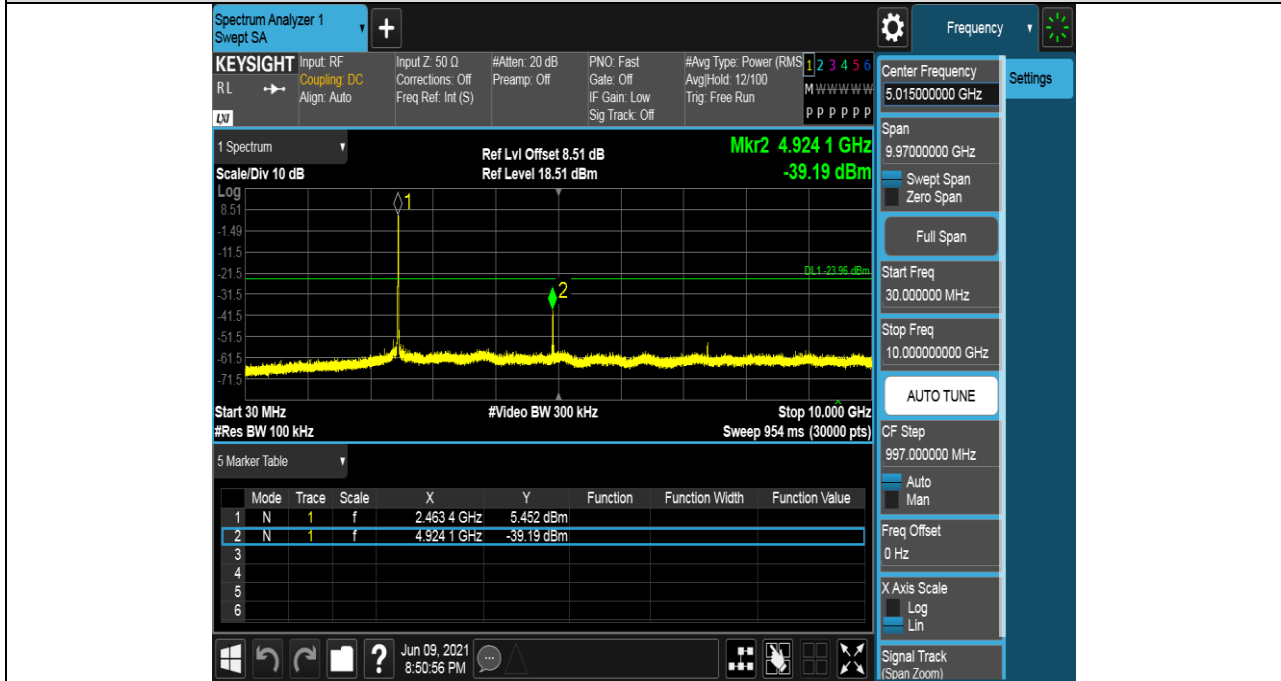




Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz



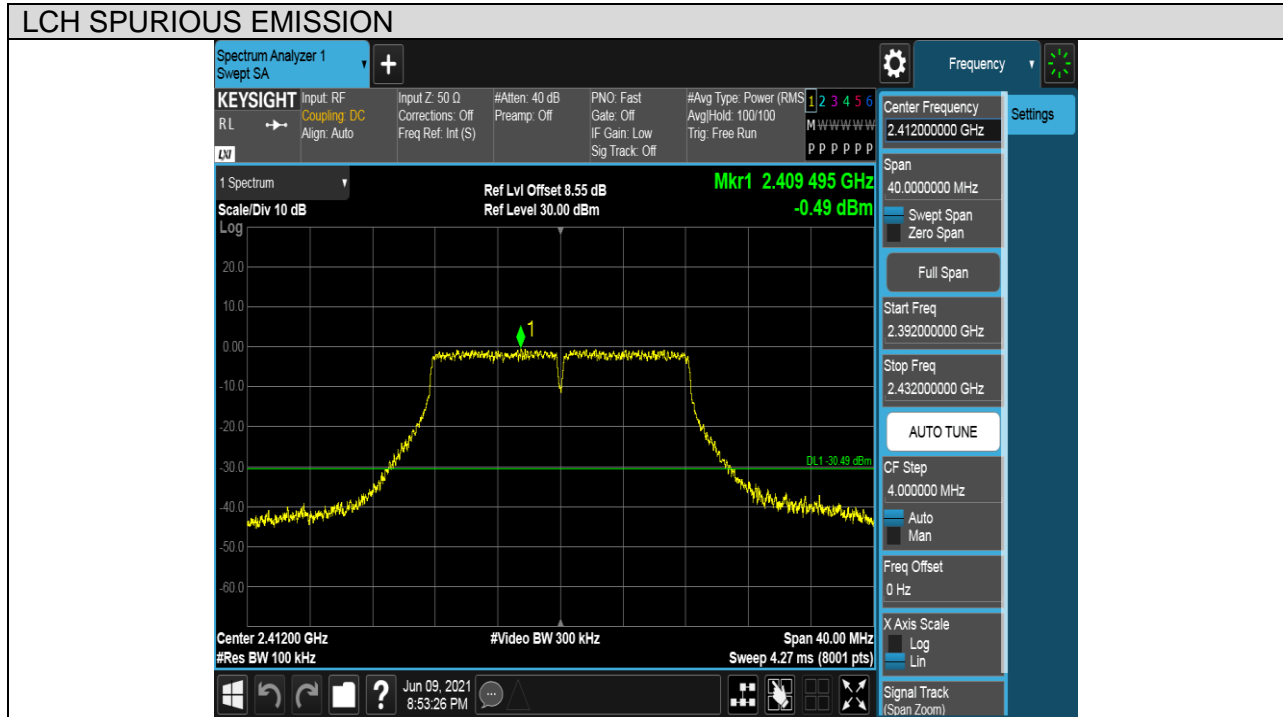
HCH SPURIOUS EMISSION_10GHz~26GHz





Test Mode	Channel	Verdict
11G	LCH	PASS

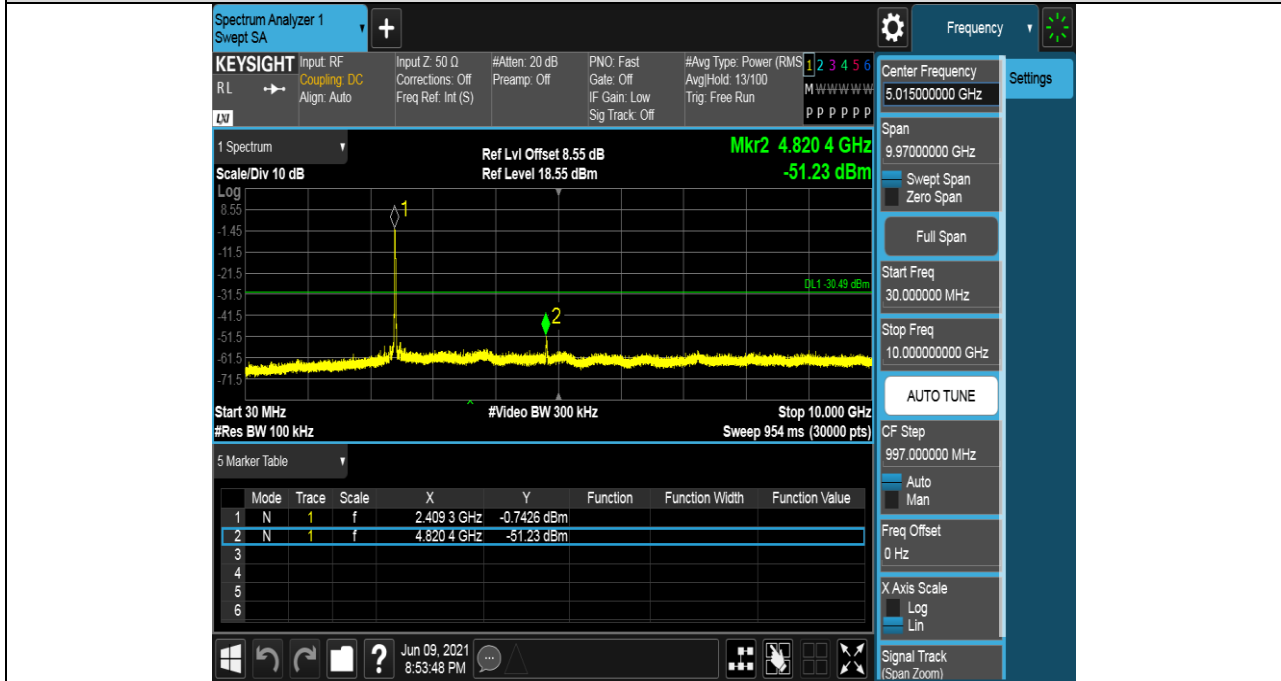
Pref test Plot





Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz



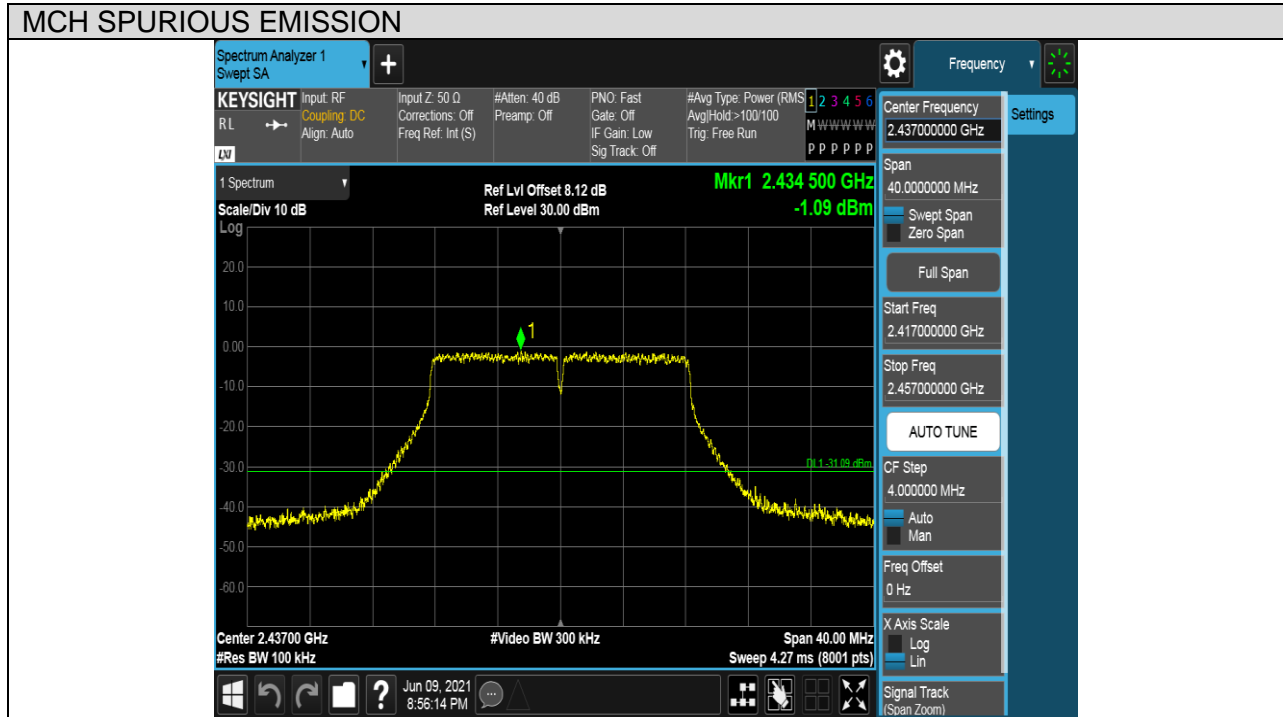
LCH SPURIOUS EMISSION_10GHz~26GHz





Test Mode	Channel	Verdict
11G	MCH	PASS

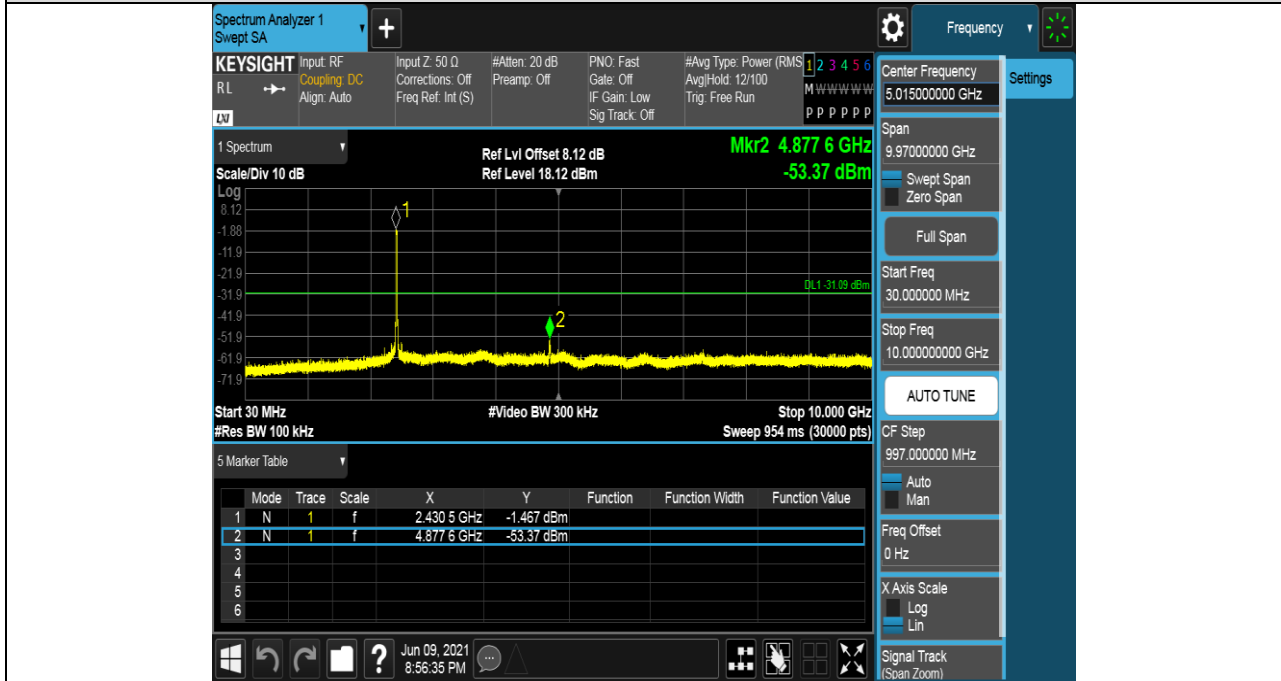
Pref test Plot





Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz



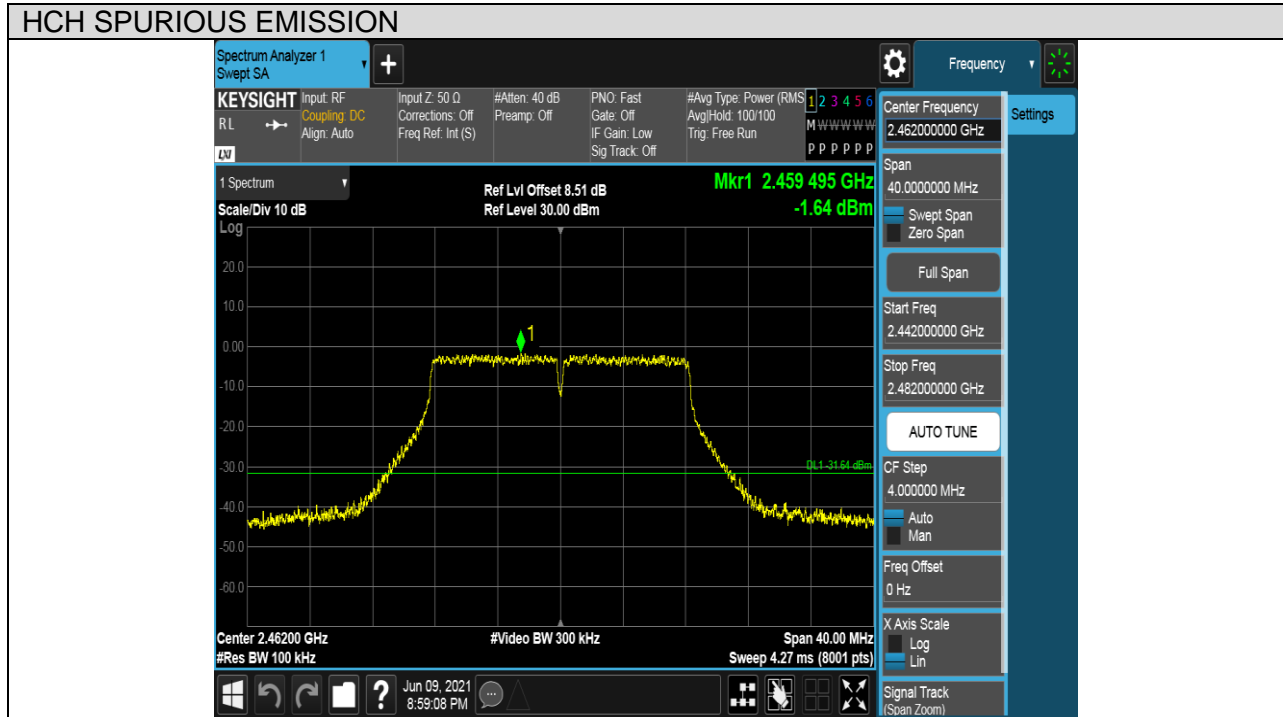
MCH SPURIOUS EMISSION_10GHz~26GHz





Test Mode	Channel	Verdict
11G	HCH	PASS

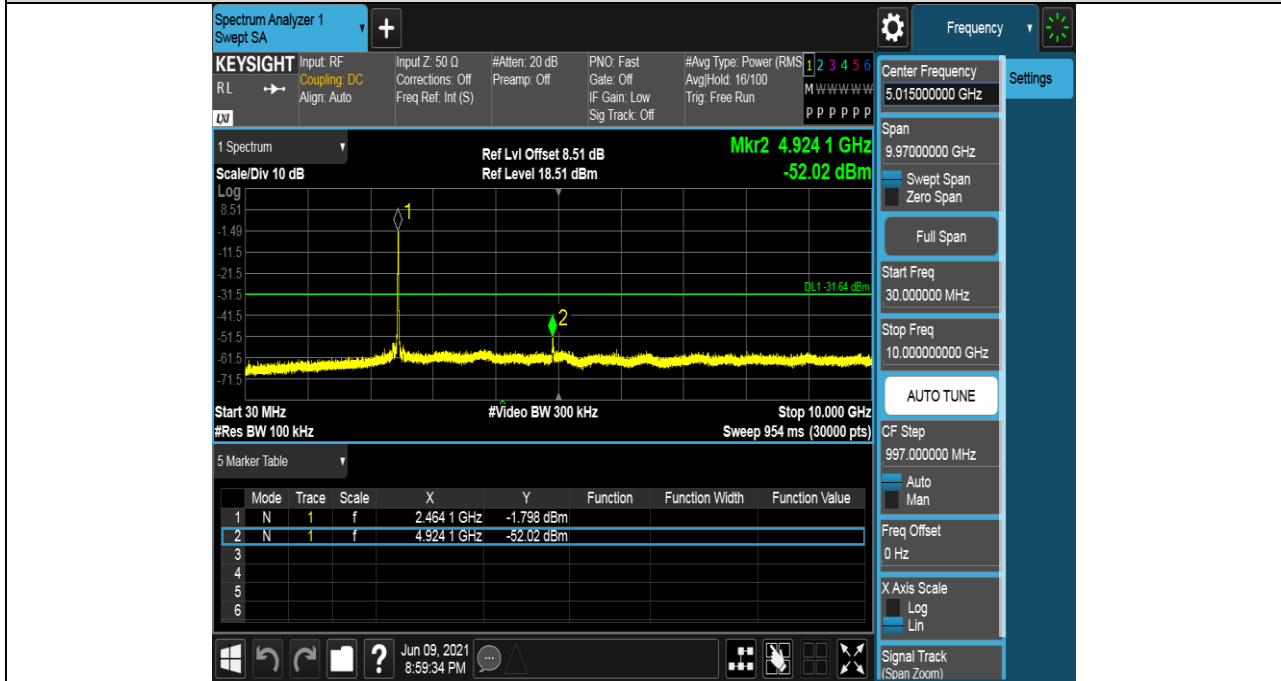
Pref test Plot





Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz



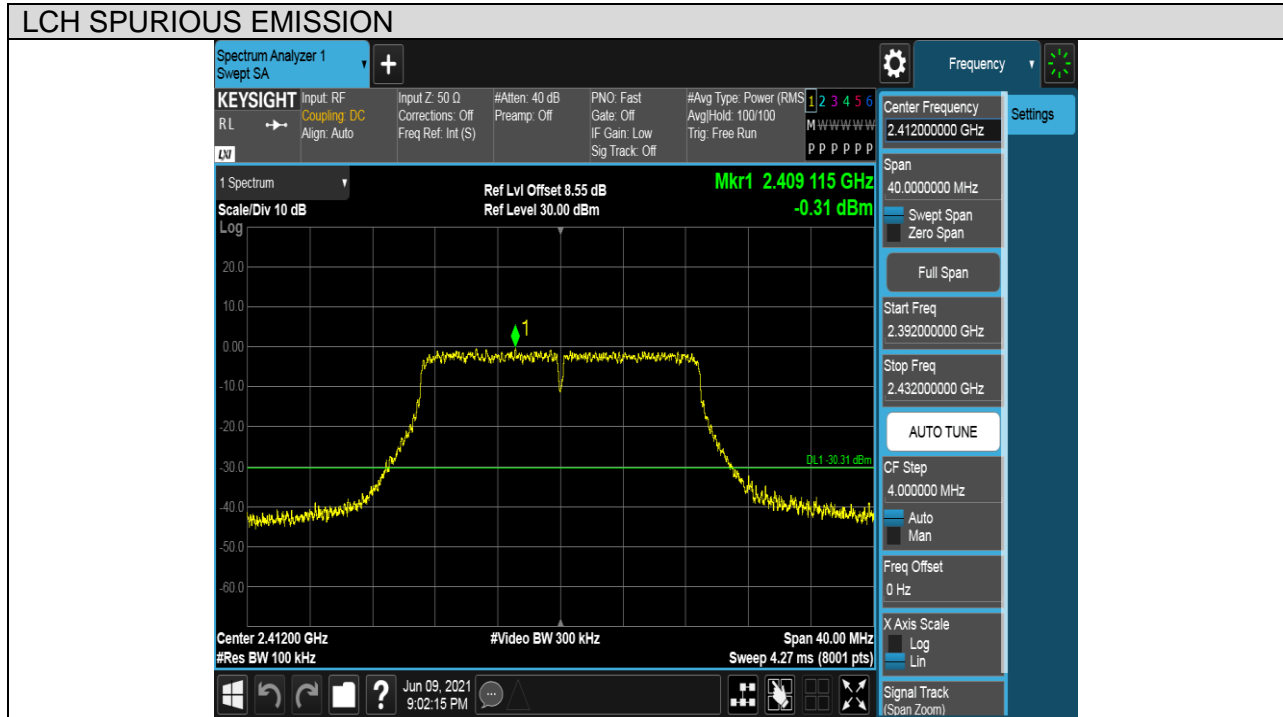
HCH SPURIOUS EMISSION_10GHz~26GHz





Test Mode	Channel	Verdict
11N HT20	LCH	PASS

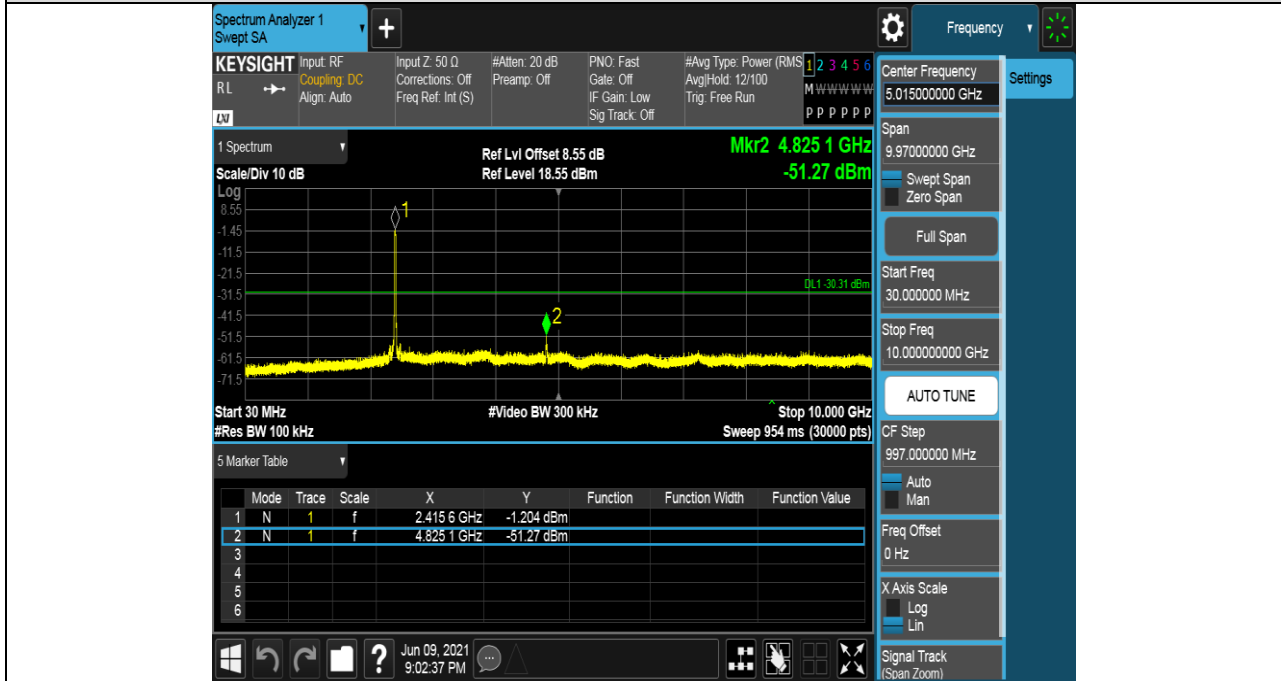
Pref test Plot



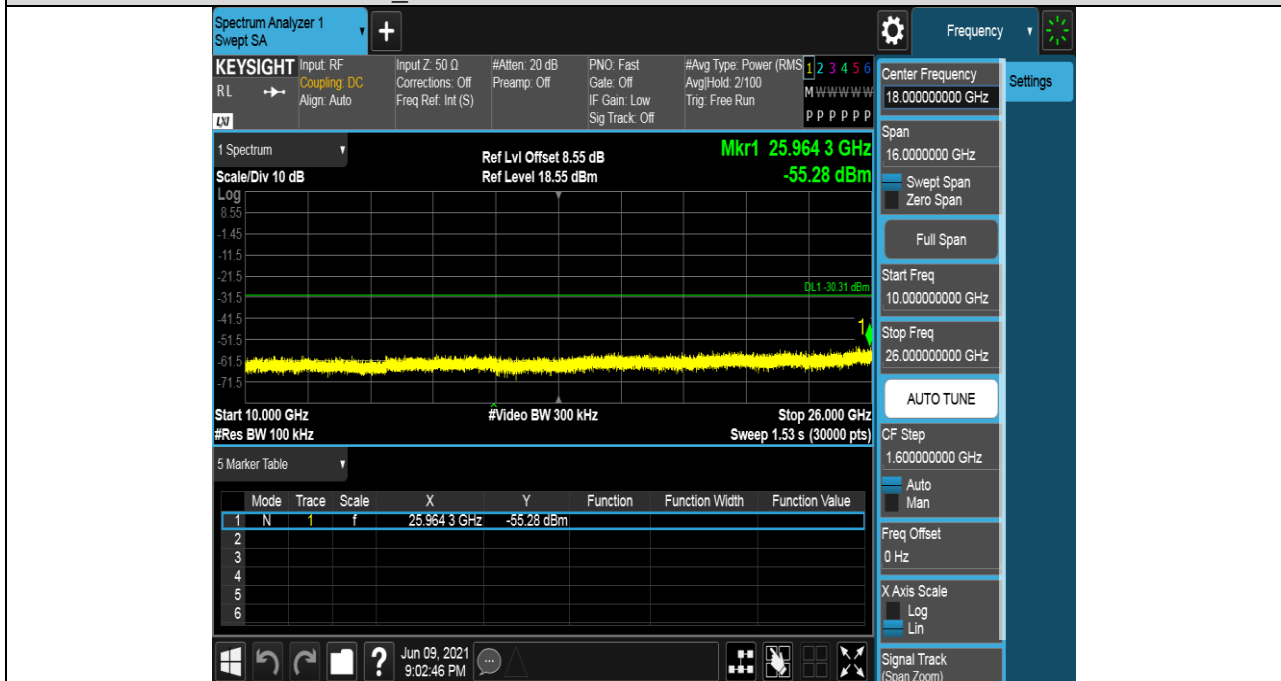


Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz



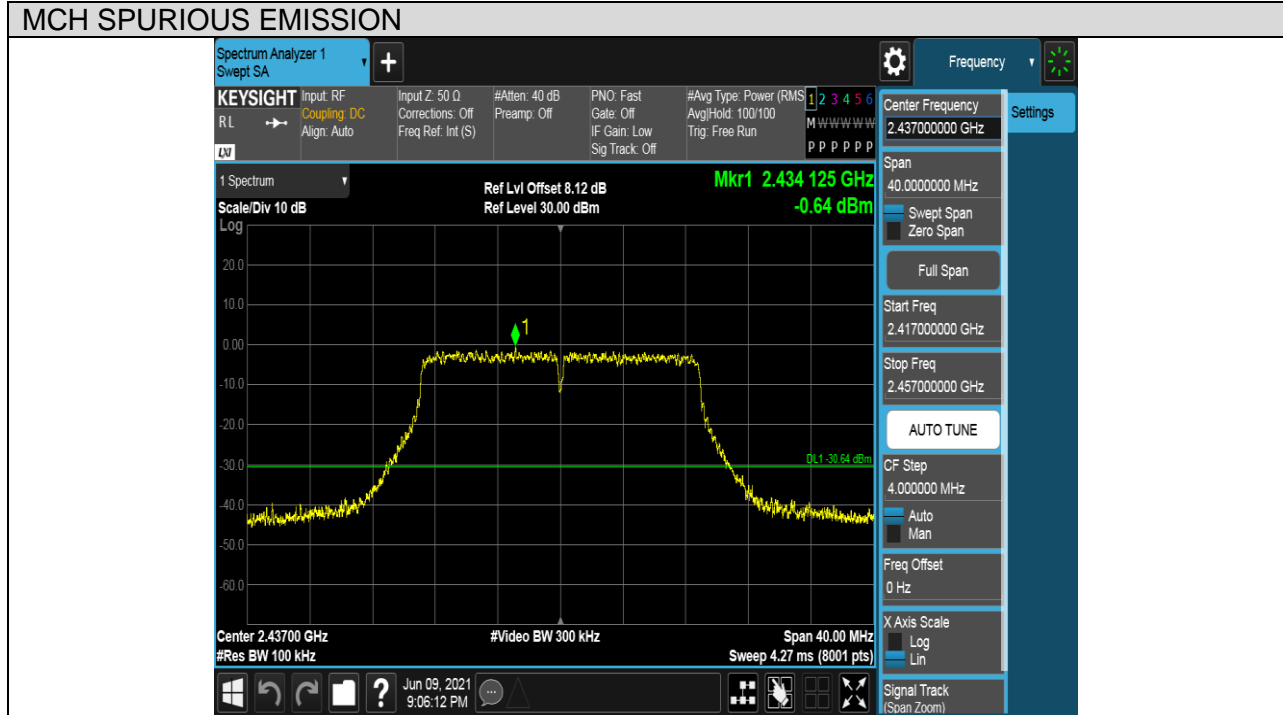
LCH SPURIOUS EMISSION_10GHz~26GHz





Test Mode	Channel	Verdict
11N HT20	MCH	PASS

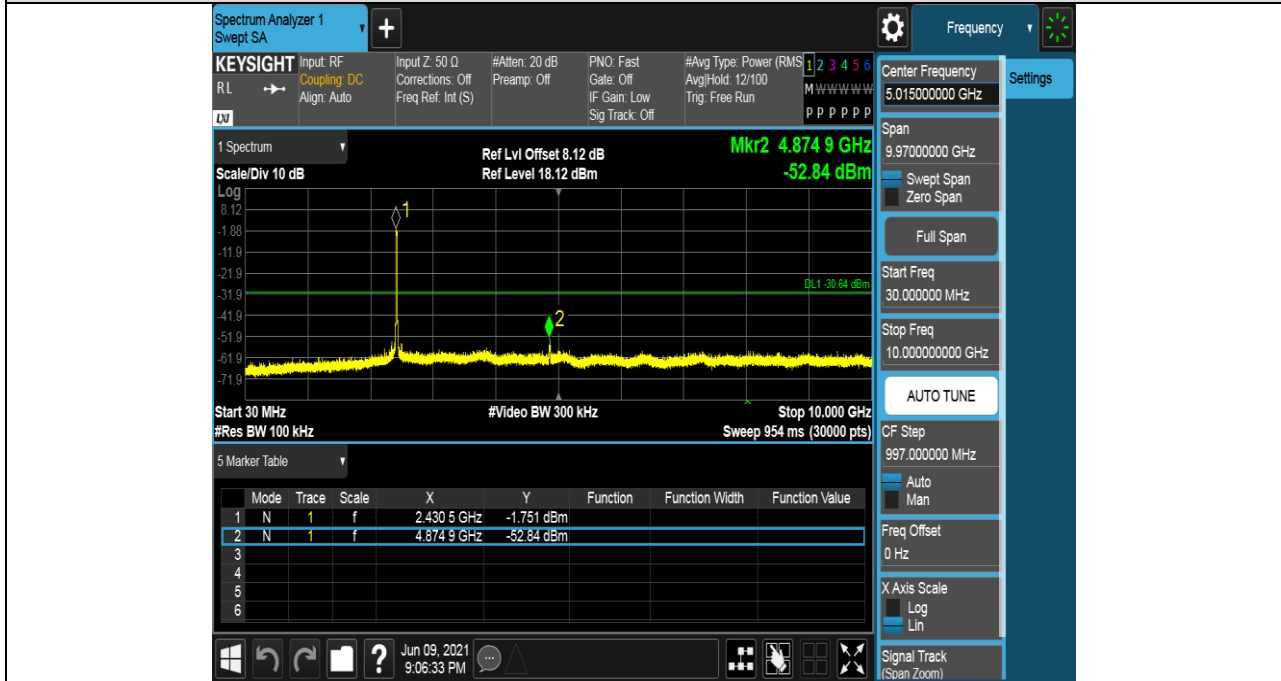
Pref test Plot



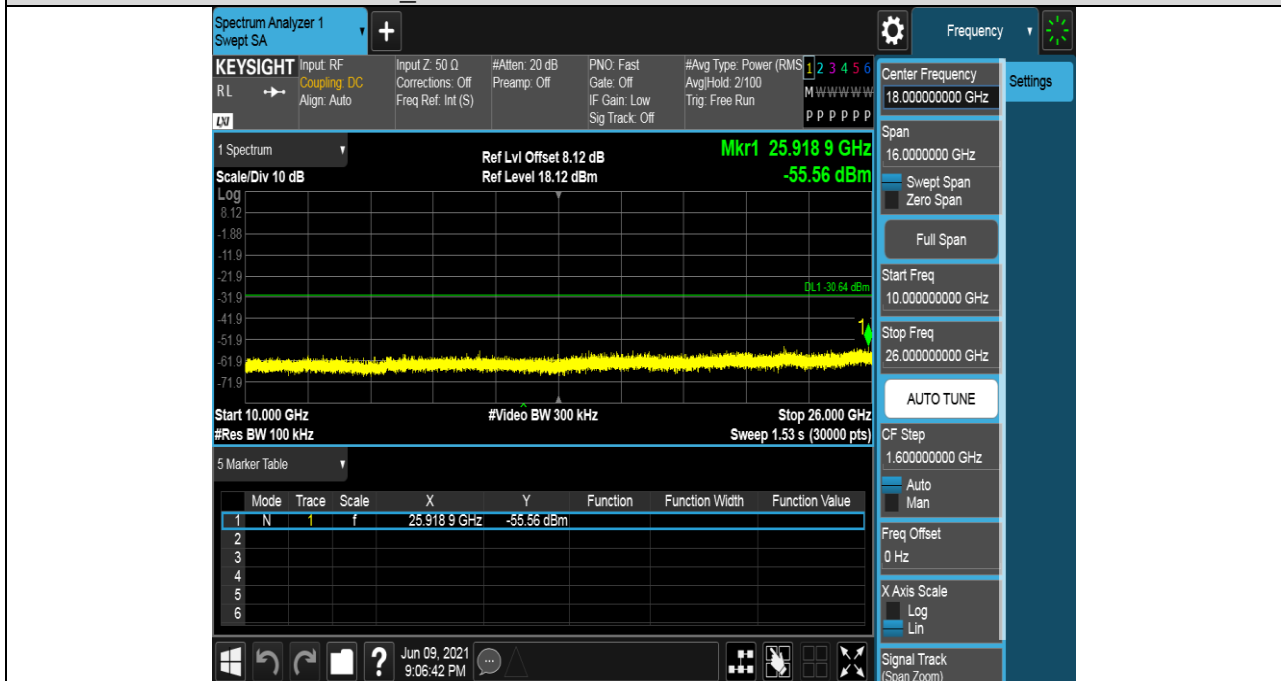


Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz



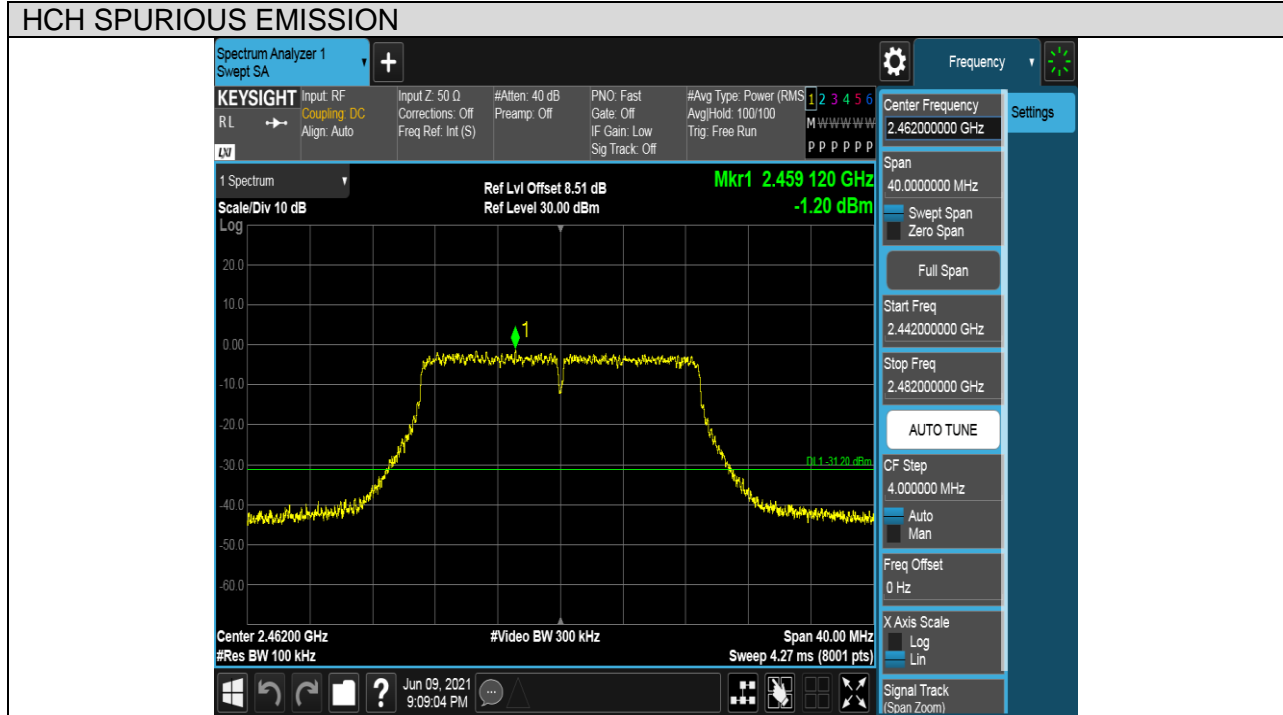
MCH SPURIOUS EMISSION_10GHz~26GHz





Test Mode	Channel	Verdict
11N HT20	HCH	PASS

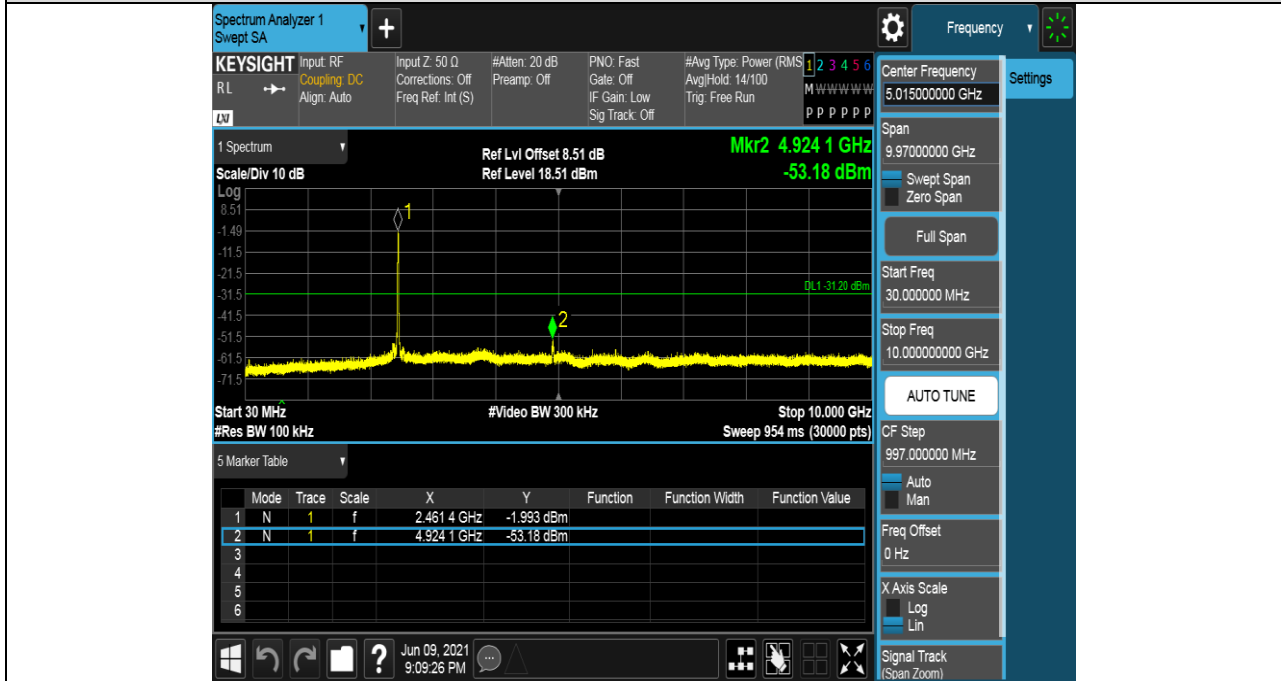
Pref test Plot





Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz



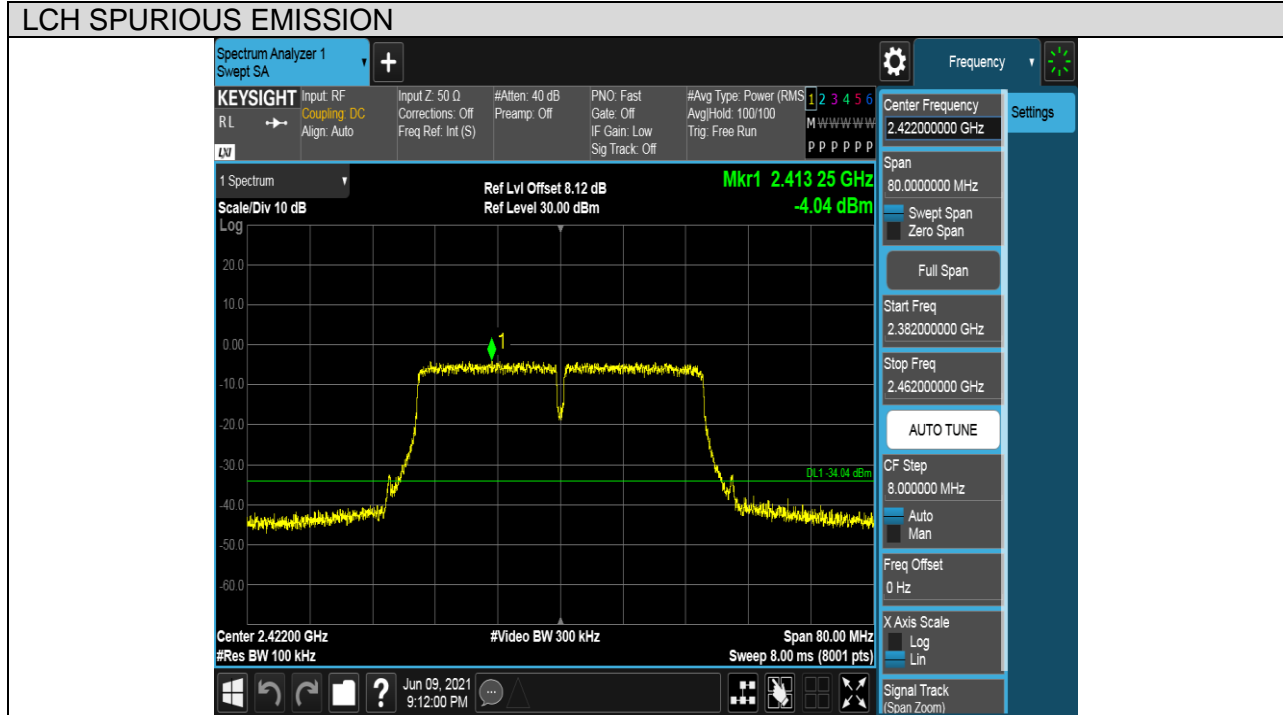
HCH SPURIOUS EMISSION_10GHz~26GHz





Test Mode	Channel	Verdict
11N HT40	LCH	PASS

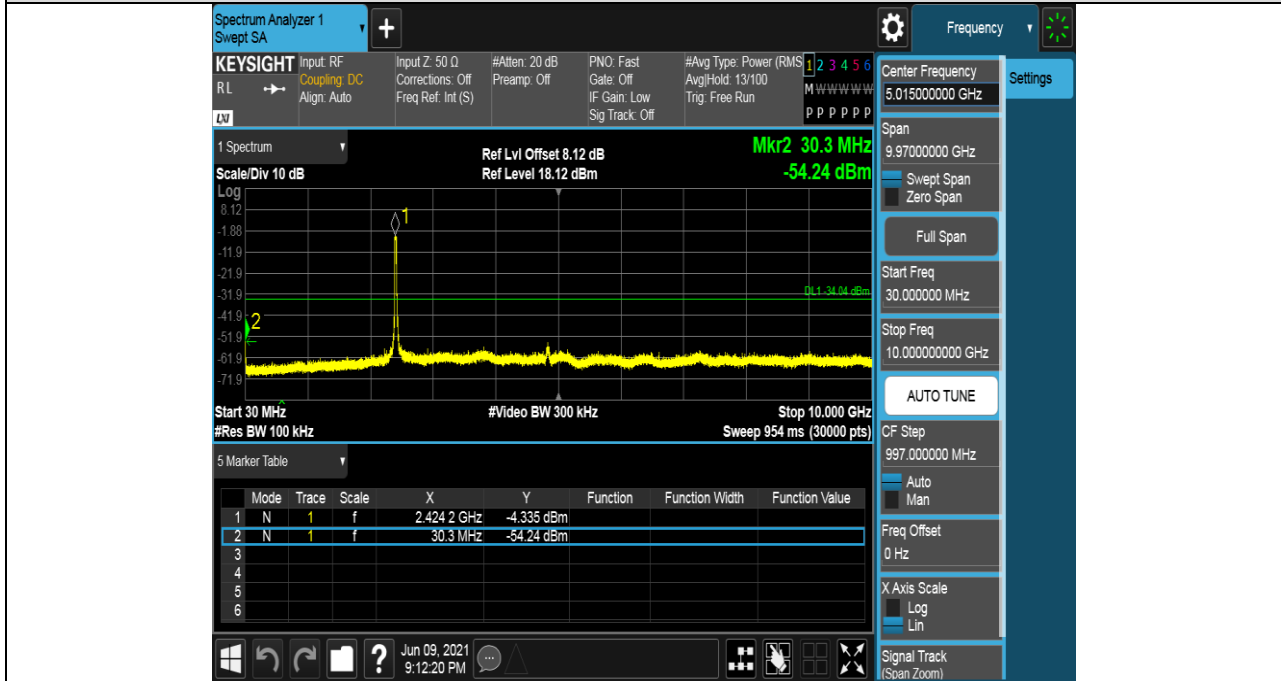
Pref test Plot





Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz



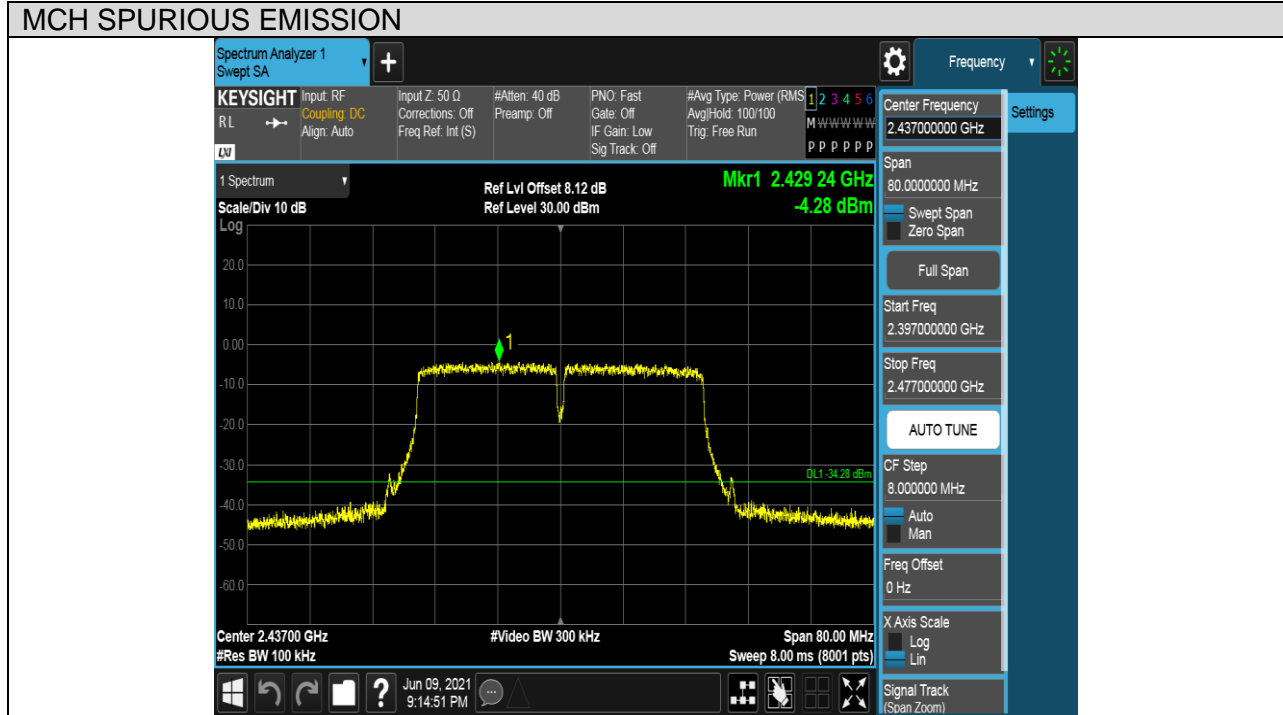
LCH SPURIOUS EMISSION_10GHz~26GHz





Test Mode	Channel	Verdict
11N HT40	MCH	PASS

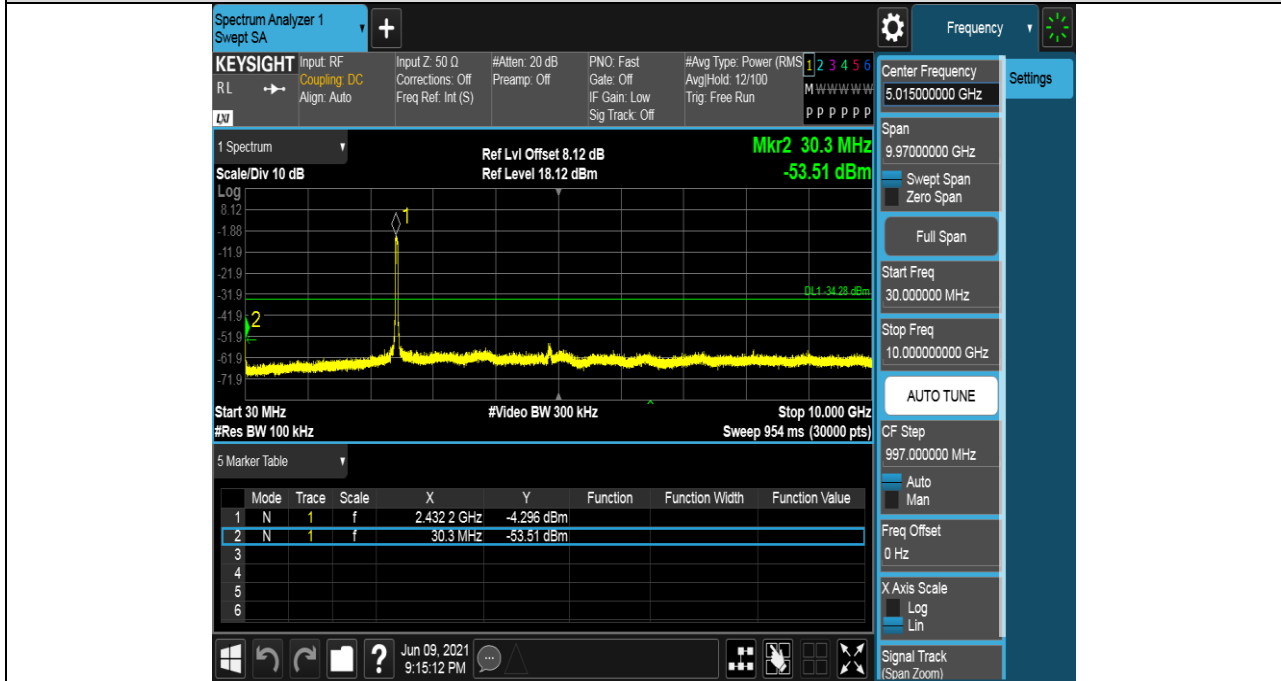
Pref test Plot





Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz



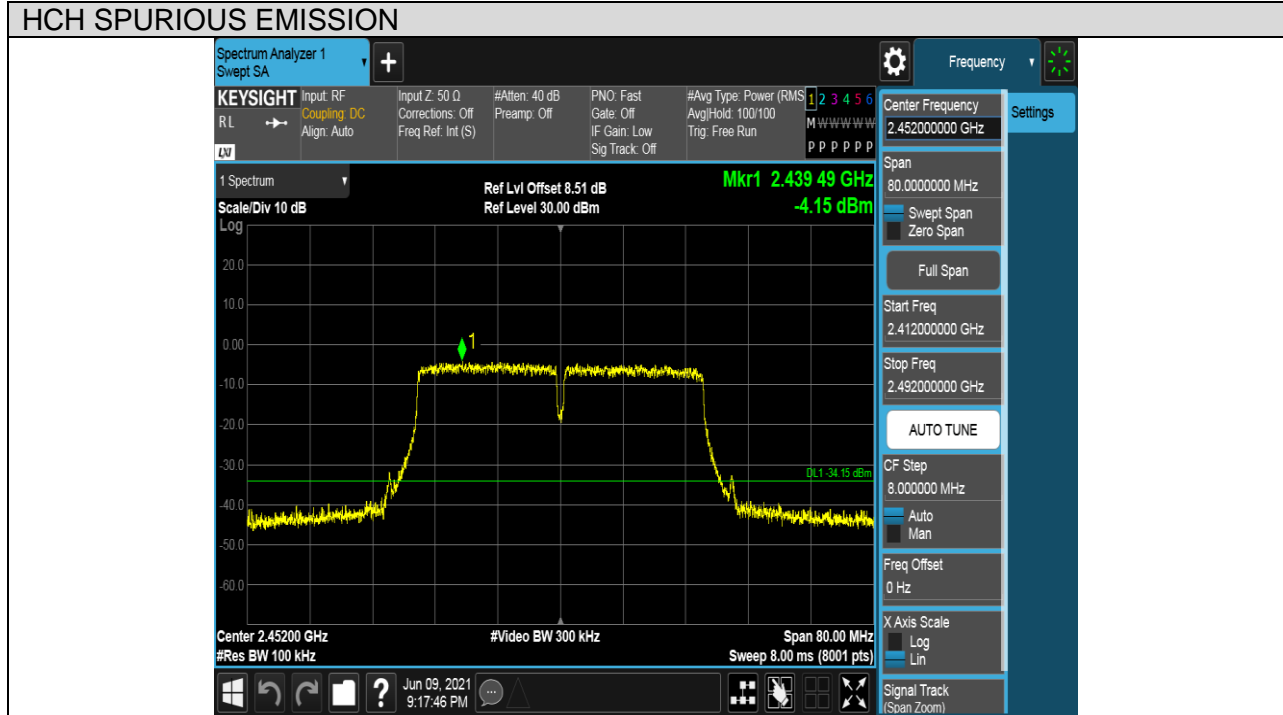
MCH SPURIOUS EMISSION_10GHz~26GHz





Test Mode	Channel	Verdict
11N HT40	HCH	PASS

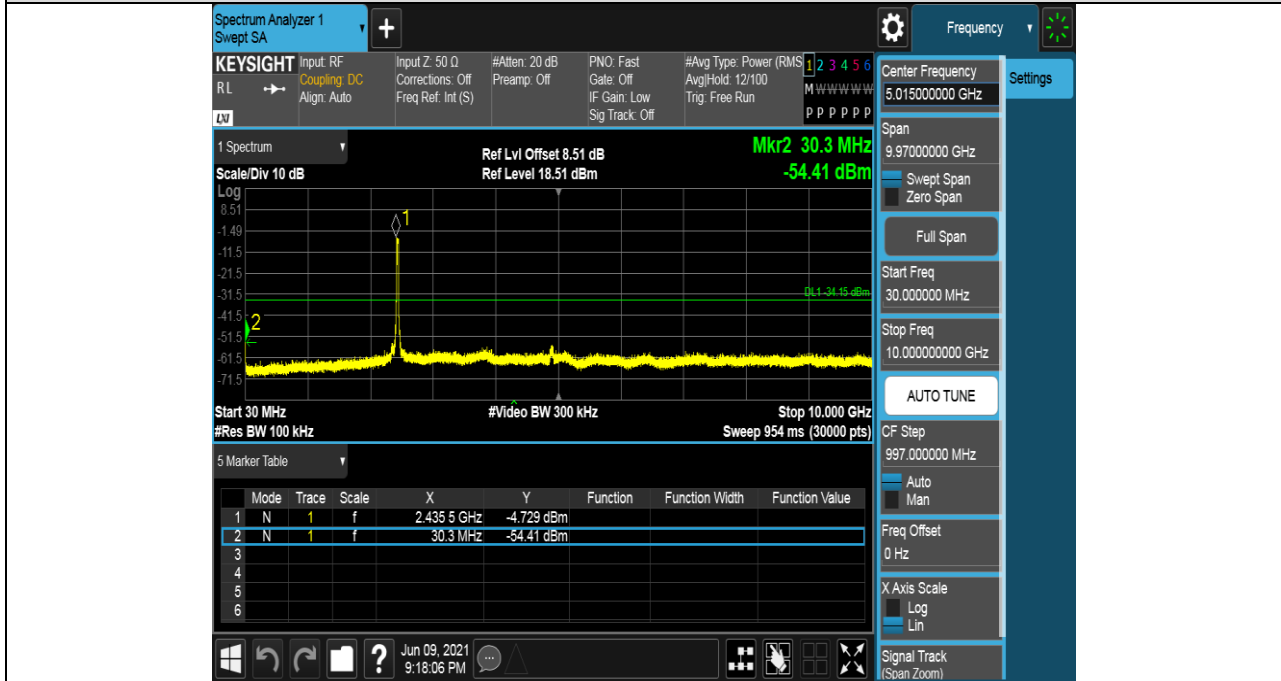
Pref test Plot



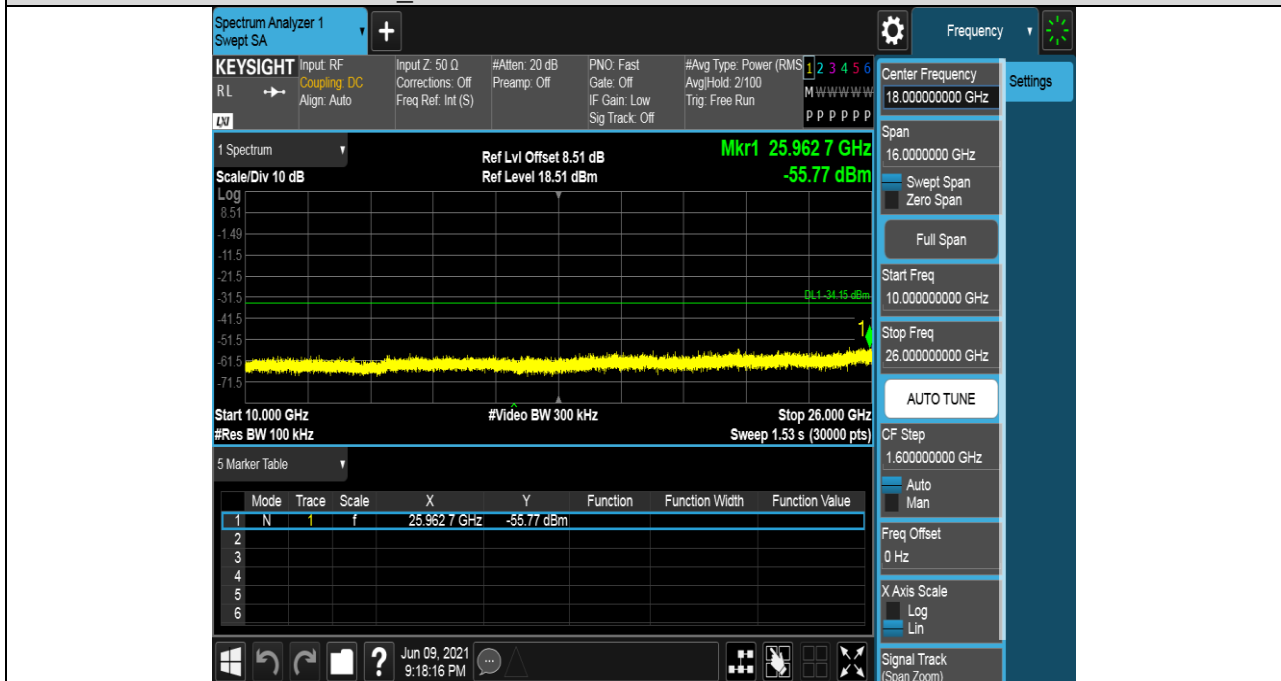


Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz



HCH SPURIOUS EMISSION_10GHz~26GHz





7.6. RADIATED TEST RESULTS

7.6.1.LIMITS AND PROCEDURE

LIMITS

Please refer to FCC §15.205 and §15.209

Please refer to FCC KDB 558074

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

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

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

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



Radiation Disturbance Test Limit for FCC (Above 1G)

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

Restricted bands of operation

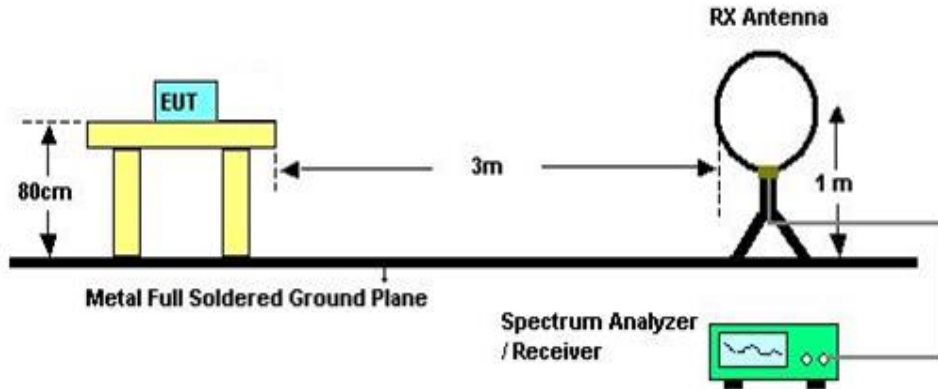
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218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

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

²Above 38.6c

TEST SETUP AND PROCEDURE

Below 30MHz

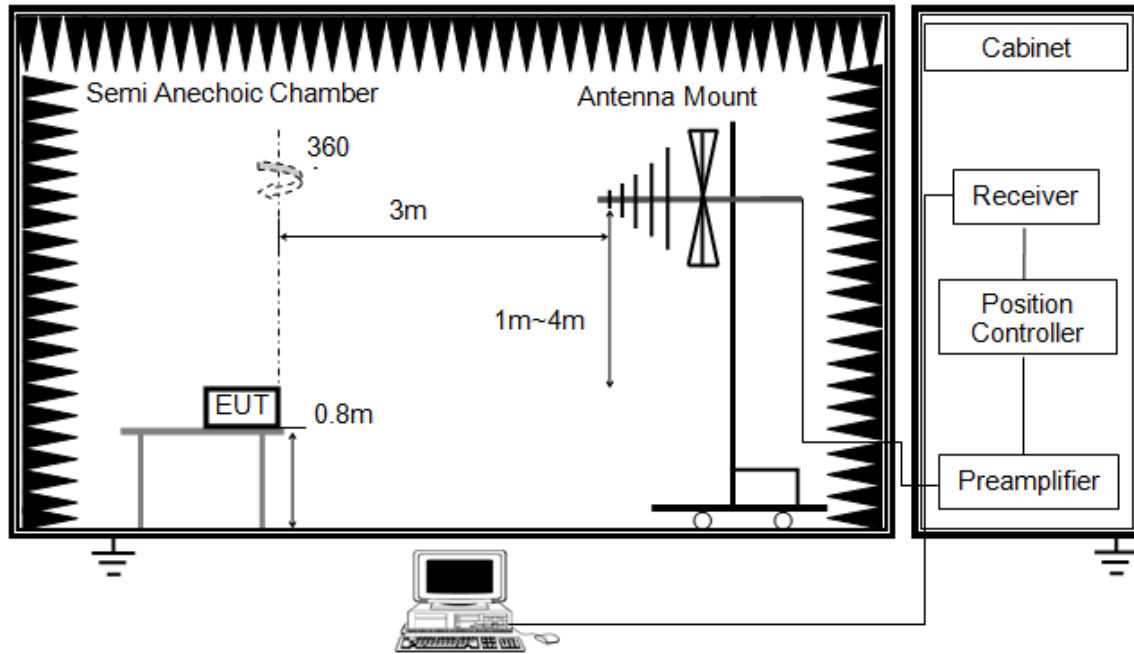


The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 0.8 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector
6. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Below 1G

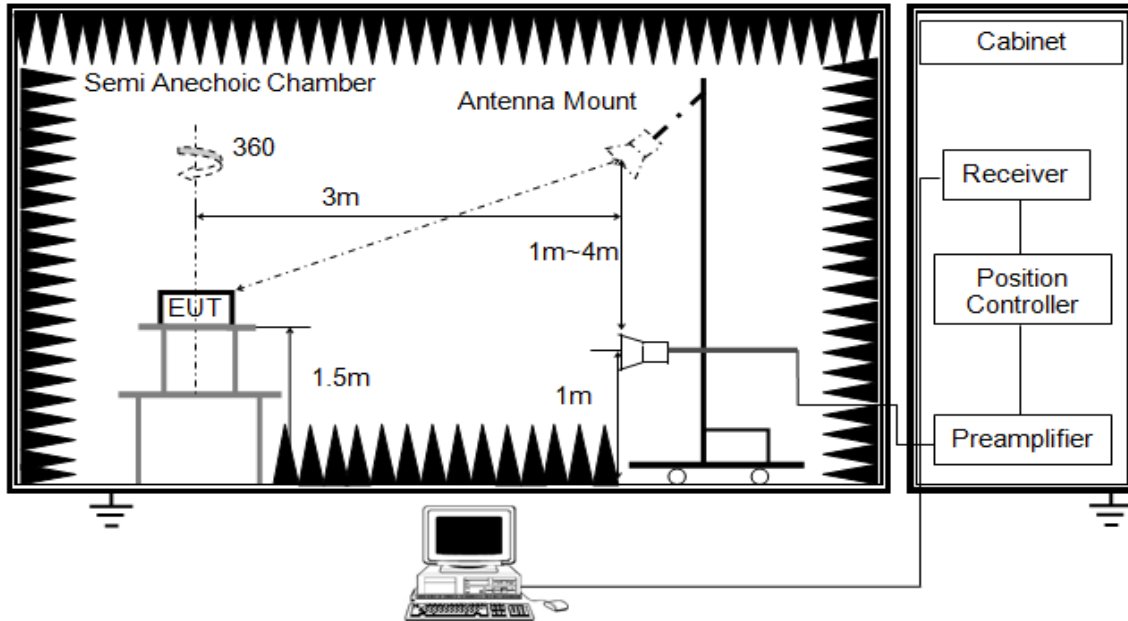


The setting of the spectrum analyser

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

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

Above 1G

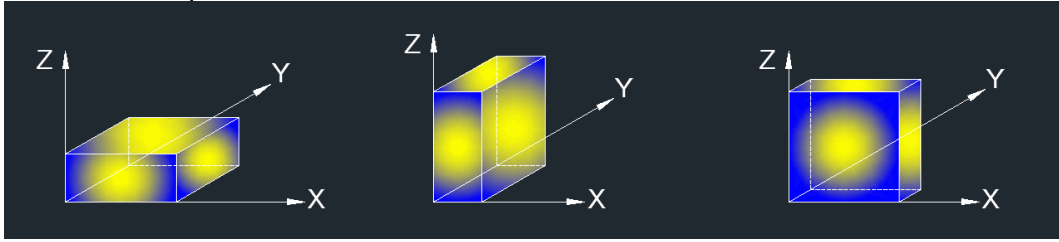


The setting of the spectrum analyser

RBW	1M
VBW	PEAK:3M AVG: See note6
Sweep	Auto
Detector	Peak/Average(10Hz)
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 set $VBW \leq RBW/100$, but not less than list in section 7.1 with average detector, max hold to run for at least 50 traces for average measurements.
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 positions:



Note: For all radiated test, EUT in each of two orthogonal axis emissions had been tested, but only the worse case (X axis) data recorded in the report.



7.6.2. TEST ENVIRONMENT

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

7.6.3. RESTRICTED BANDEDGE

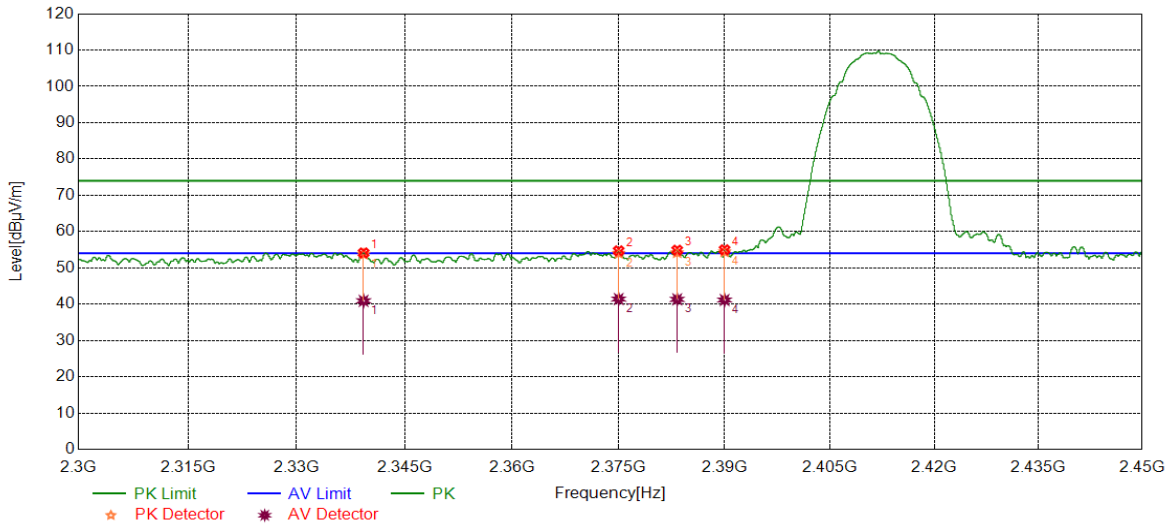
TEST RESULT TABLE

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT40	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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2339.2862	41.54	12.59	54.13	74.00	-19.87	Horizontal
2	2375.0094	41.70	13.00	54.70	74.00	-19.30	Horizontal
3	2383.2792	41.82	13.06	54.88	74.00	-19.12	Horizontal
4	2390.0000	41.93	13.07	55.00	74.00	-19.00	Horizontal

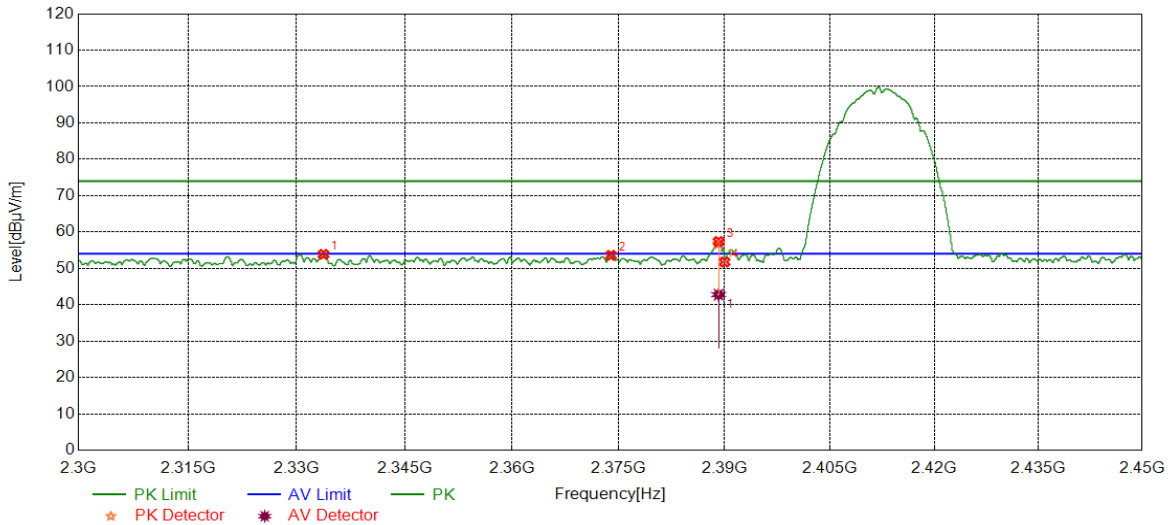
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2339.2862	28.32	12.59	40.91	54.00	-13.09	Horizontal
2	2375.0094	28.41	13.00	41.41	54.00	-12.59	Horizontal
3	2383.2792	28.27	13.06	41.33	54.00	-12.67	Horizontal
4	2390.0000	28.08	13.07	41.15	54.00	-12.85	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2333.7167	41.34	12.52	53.86	74.00	-20.14	Vertical
2	2373.9217	40.61	12.98	53.59	74.00	-20.41	Vertical
3	2389.1486	44.31	13.07	57.38	74.00	-16.62	Vertical
4	2390.0000	38.67	13.07	51.74	74.00	-22.26	Vertical

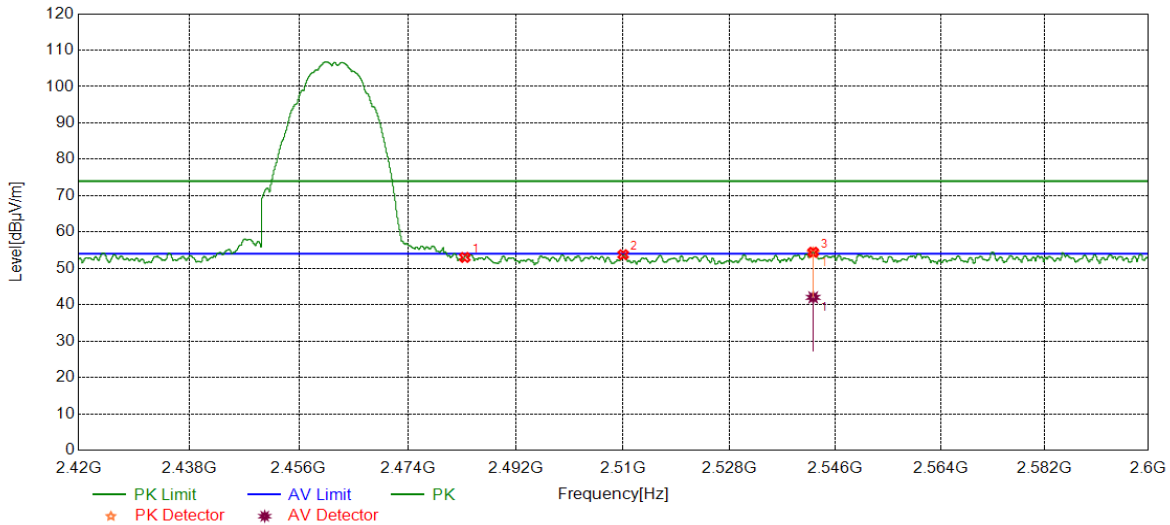
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2389.1486	29.70	13.07	42.77	54.00	-11.23	Vertical

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



Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	40.04	12.97	53.01	74.00	-20.99	Horizontal
2	2510.0113	40.56	13.20	53.76	74.00	-20.24	Horizontal
3	2542.1903	41.05	13.40	54.45	74.00	-19.55	Horizontal

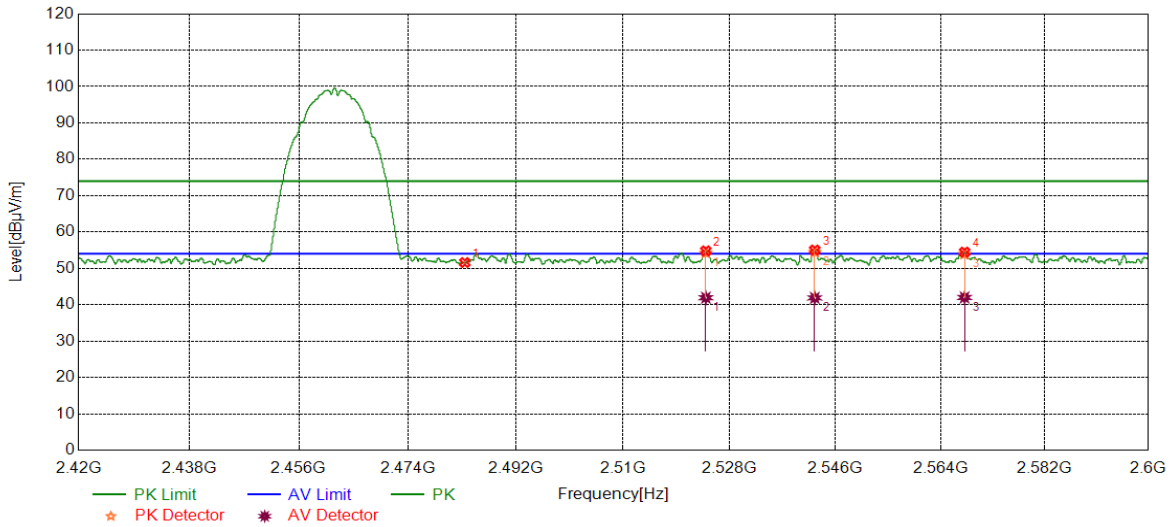
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2542.1903	28.62	13.40	42.02	54.00	-11.98	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	38.64	12.97	51.61	74.00	-22.39	Vertical
2	2523.9630	41.51	13.30	54.81	74.00	-19.19	Vertical
3	2542.4603	41.65	13.40	55.05	74.00	-18.95	Vertical
4	2568.1360	41.04	13.44	54.48	74.00	-19.52	Vertical

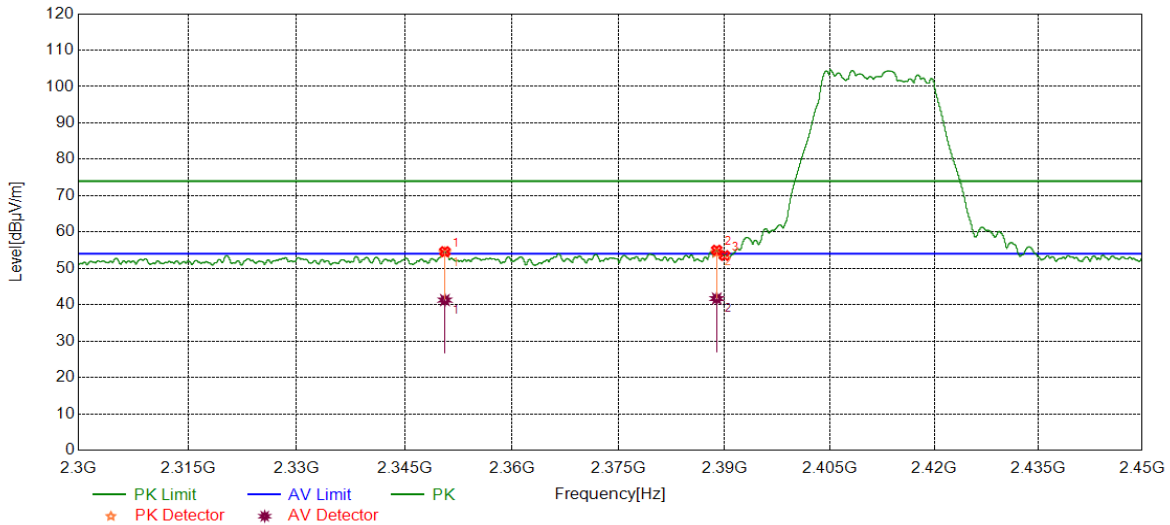
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2523.9630	28.63	13.30	41.93	54.00	-12.07	Vertical
2	2542.4603	28.48	13.40	41.88	54.00	-12.12	Vertical
3	2568.1360	28.56	13.44	42.00	54.00	-12.00	Vertical

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



Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2350.6126	41.91	12.70	54.61	74.00	-19.39	Horizontal
2	2388.8861	41.94	13.07	55.01	74.00	-18.99	Horizontal
3	2390.0000	40.46	13.07	53.53	74.00	-20.47	Horizontal

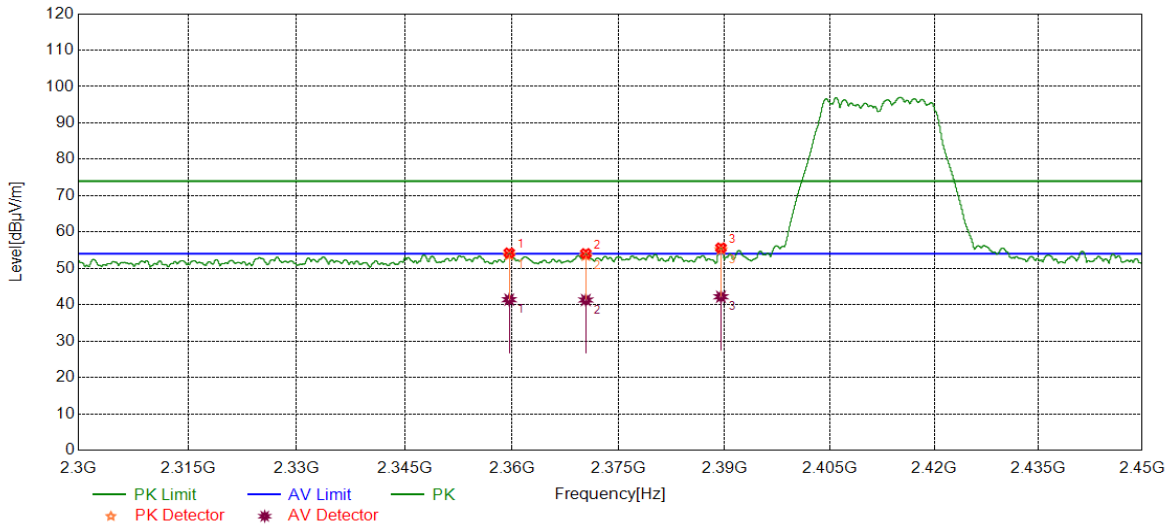
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2350.6126	28.58	12.70	41.28	54.00	-12.72	Horizontal
2	2388.8861	28.62	13.07	41.69	54.00	-12.31	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2359.6137	41.48	12.77	54.25	74.00	-19.75	Vertical
2	2370.3775	41.15	12.93	54.08	74.00	-19.92	Vertical
3	2389.4862	42.58	13.07	55.65	74.00	-18.35	Vertical

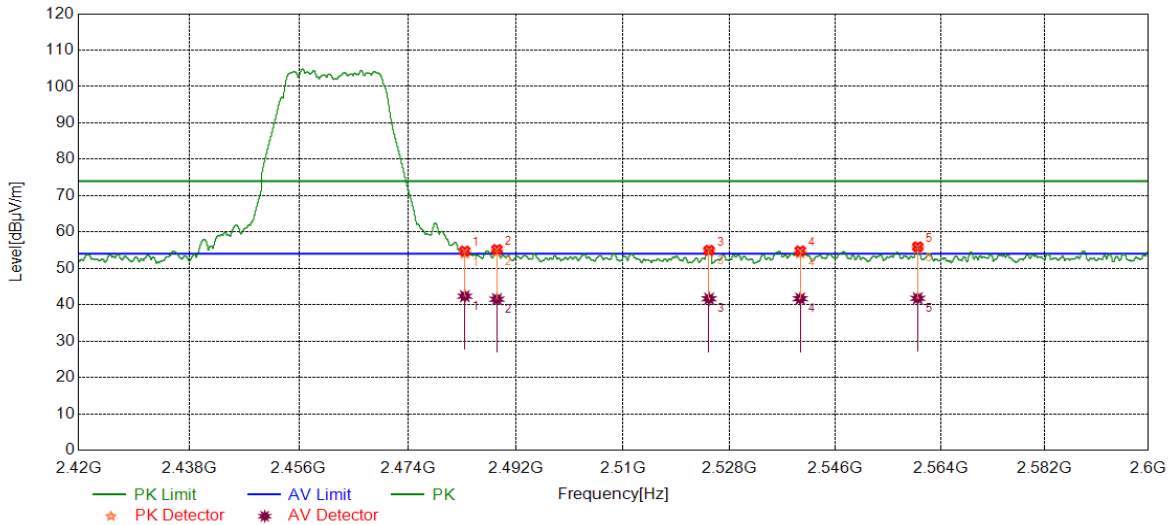
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2359.6137	28.63	12.77	41.40	54.00	-12.60	Vertical
2	2370.3775	28.37	12.93	41.30	54.00	-12.70	Vertical
3	2389.4862	29.12	13.07	42.19	54.00	-11.81	Vertical

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



Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	41.81	12.97	54.78	74.00	-19.22	Horizontal
2	2488.8586	42.21	12.99	55.20	74.00	-18.80	Horizontal
3	2524.5031	41.65	13.31	54.96	74.00	-19.04	Horizontal
4	2539.9850	41.40	13.42	54.82	74.00	-19.18	Horizontal
5	2560.0800	42.53	13.41	55.94	74.00	-18.06	Horizontal

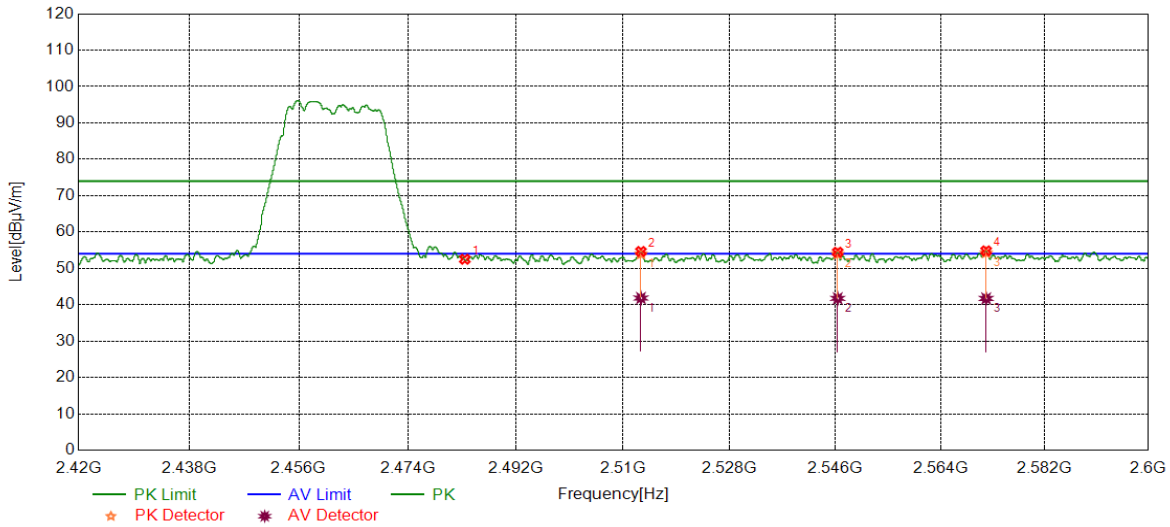
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	29.38	12.97	42.35	54.00	-11.65	Horizontal
2	2488.8586	28.53	12.99	41.52	54.00	-12.48	Horizontal
3	2524.5031	28.34	13.31	41.65	54.00	-12.35	Horizontal
4	2539.9850	28.25	13.42	41.67	54.00	-12.33	Horizontal
5	2560.0800	28.36	13.41	41.77	54.00	-12.23	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.54	12.97	52.51	74.00	-21.49	Vertical
2	2513.0041	41.44	13.21	54.65	74.00	-19.35	Vertical
3	2546.3758	41.08	13.37	54.45	74.00	-19.55	Vertical
4	2571.8490	41.37	13.45	54.82	74.00	-19.18	Vertical

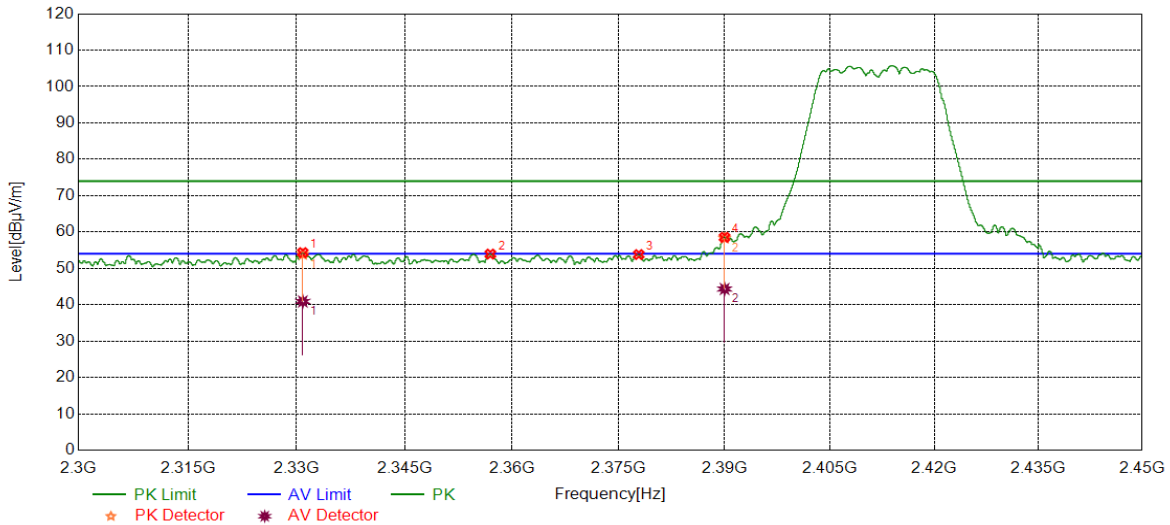
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2513.0041	28.62	13.21	41.83	54.00	-12.17	Vertical
2	2546.3758	28.37	13.37	41.74	54.00	-12.26	Vertical
3	2571.8490	28.27	13.45	41.72	54.00	-12.28	Vertical

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



Test Mode	Channel	Polarization	Verdict
11N HT20	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	2330.8476	41.86	12.48	54.34	74.00	-19.66	Horizontal
2	2356.9696	41.19	12.75	53.94	74.00	-20.06	Horizontal
3	2377.8410	40.77	13.03	53.80	74.00	-20.20	Horizontal
4	2390.0000	45.47	13.07	58.54	74.00	-15.46	Horizontal

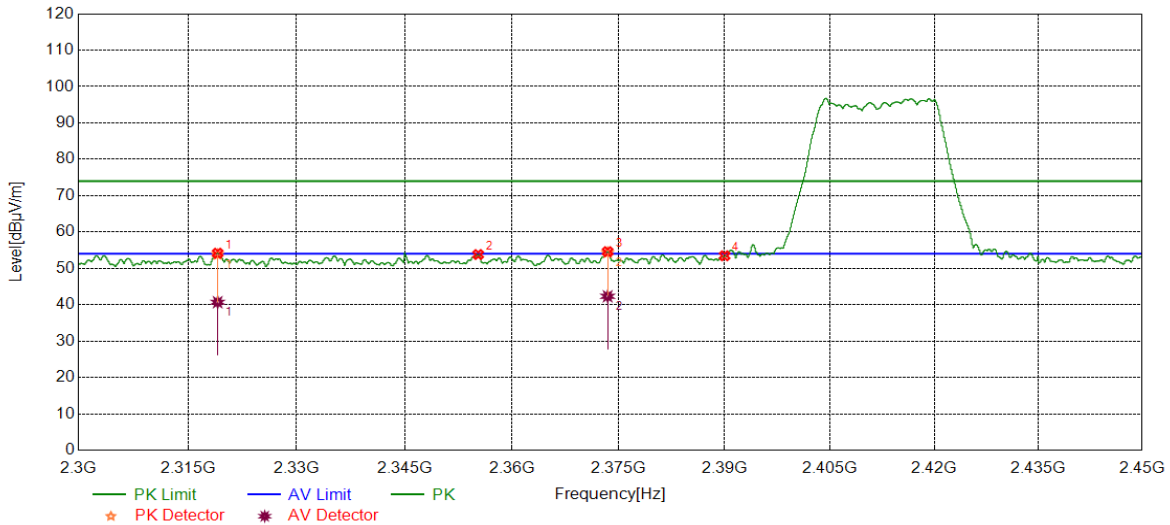
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2330.8476	28.42	12.48	40.90	54.00	-13.10	Horizontal
2	2390.0000	31.26	13.07	44.33	54.00	-9.67	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11N HT20	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	2319.0899	41.84	12.34	54.18	74.00	-19.82	Vertical
2	2355.2632	41.08	12.73	53.81	74.00	-20.19	Vertical
3	2373.4529	41.63	12.97	54.60	74.00	-19.40	Vertical
4	2390.0000	40.39	13.07	53.46	74.00	-20.54	Vertical

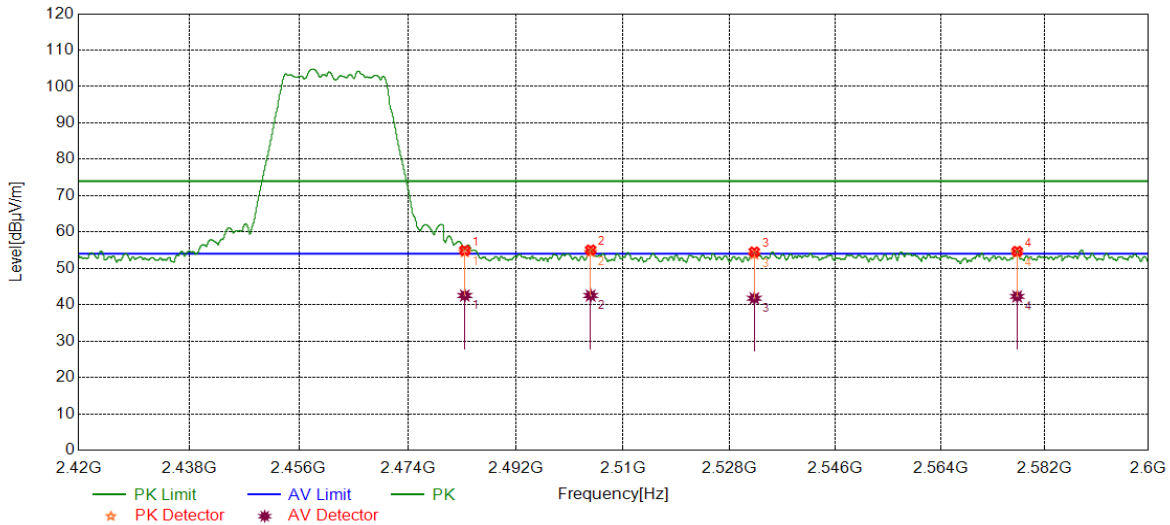
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2319.0899	28.35	12.34	40.69	54.00	-13.31	Vertical
2	2373.4529	29.35	12.97	42.32	54.00	-11.68	Vertical

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



Test Mode	Channel	Polarization	Verdict
11N HT20	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	41.97	12.97	54.94	74.00	-19.06	Horizontal
2	2504.5431	41.90	13.17	55.07	74.00	-18.93	Horizontal
3	2532.1765	41.12	13.42	54.54	74.00	-19.46	Horizontal
4	2577.2047	41.24	13.46	54.70	74.00	-19.30	Horizontal

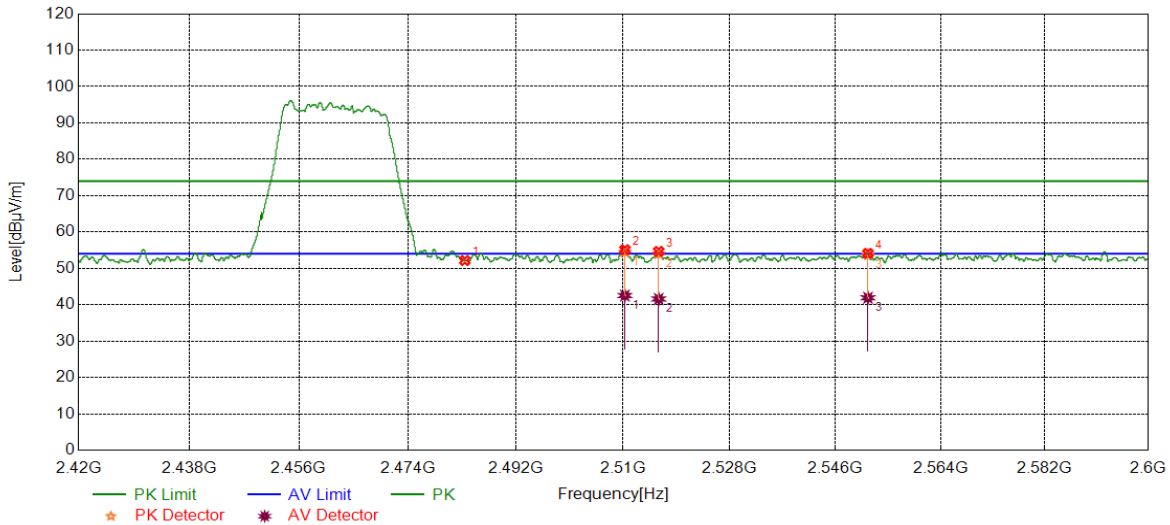
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	29.55	12.97	42.52	54.00	-11.48	Horizontal
2	2504.5431	29.36	13.17	42.53	54.00	-11.47	Horizontal
3	2532.1765	28.34	13.42	41.76	54.00	-12.24	Horizontal
4	2577.2047	28.83	13.46	42.29	54.00	-11.71	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11N HT20	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	39.19	12.97	52.16	74.00	-21.84	Vertical
2	2510.3038	41.94	13.20	55.14	74.00	-18.86	Vertical
3	2515.9970	41.47	13.21	54.68	74.00	-19.32	Vertical
4	2551.5514	40.78	13.36	54.14	74.00	-19.86	Vertical

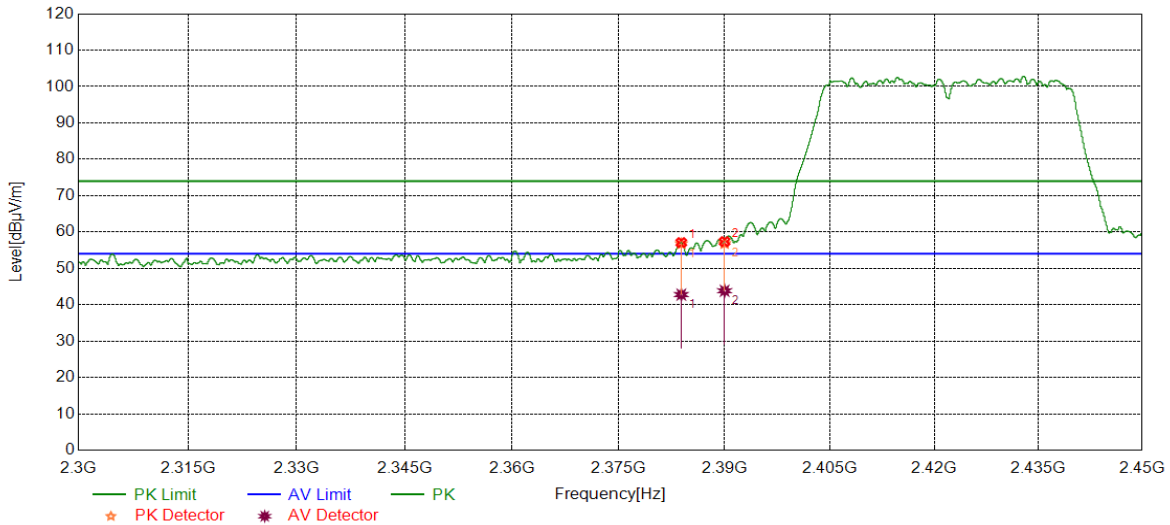
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2510.3038	29.33	13.20	42.53	54.00	-11.47	Vertical
2	2515.9970	28.38	13.21	41.59	54.00	-12.41	Vertical
3	2551.5514	28.55	13.36	41.91	54.00	-12.09	Vertical

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



Test Mode	Channel	Polarization	Verdict
11N HT40	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	2383.8605	44.03	13.06	57.09	74.00	-16.91	Horizontal
2	2390.0000	44.28	13.07	57.35	74.00	-16.65	Horizontal

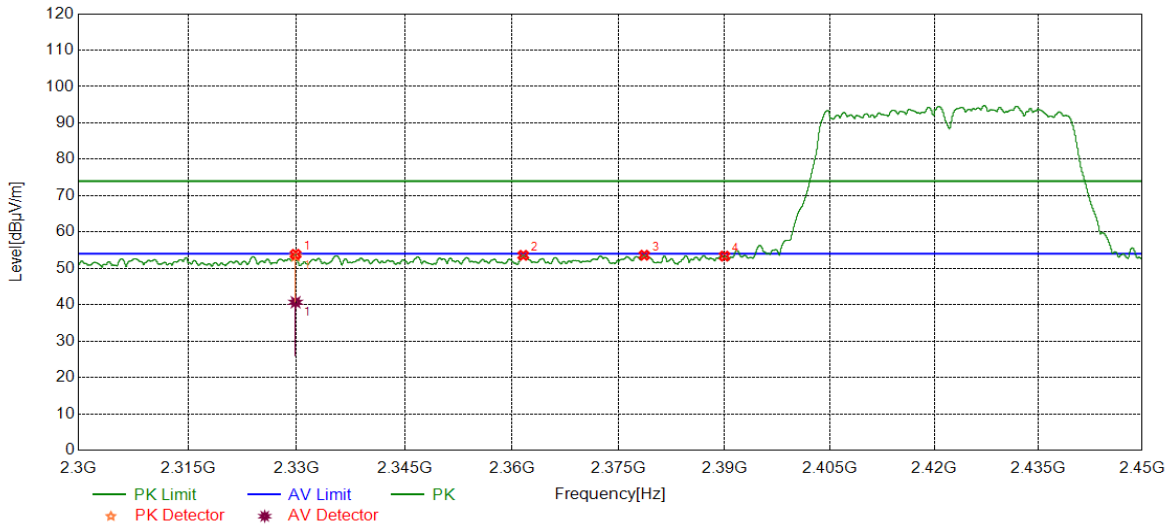
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2383.8605	29.72	13.06	42.78	54.00	-11.22	Horizontal
2	2390.0000	30.76	13.07	43.83	54.00	-10.17	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;
 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2329.8537	41.39	12.47	53.86	74.00	-20.14	Vertical
2	2361.5827	40.79	12.80	53.59	74.00	-20.41	Vertical
3	2378.6286	40.58	13.04	53.62	74.00	-20.38	Vertical
4	2390.0000	40.30	13.07	53.37	74.00	-20.63	Vertical

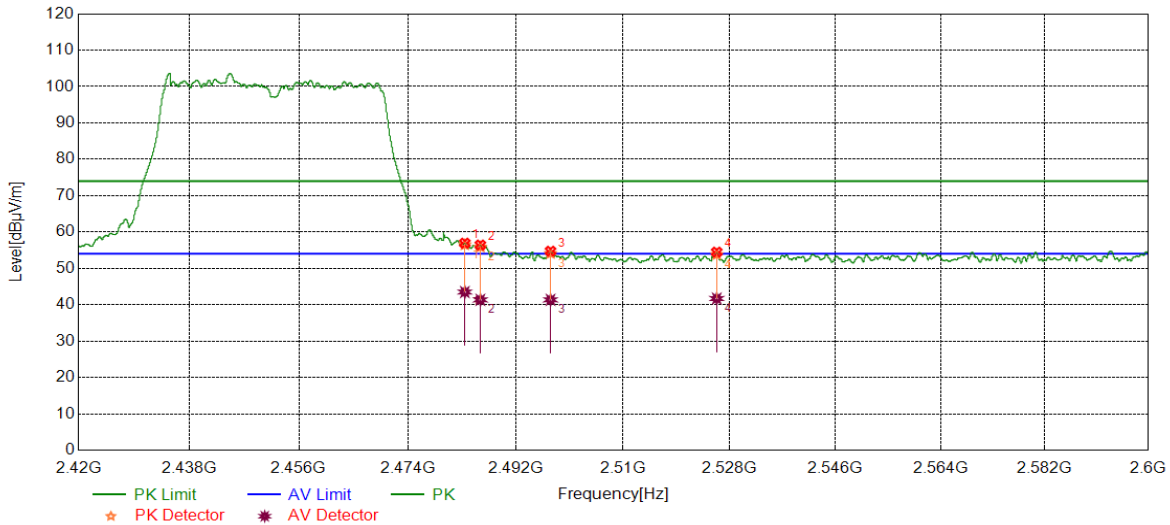
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2329.8537	28.21	12.47	40.68	54.00	-13.32	Vertical

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz;
 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
 3. Measurement = Reading Level + Correct Factor;
 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	43.98	12.97	56.95	74.00	-17.05	Horizontal
2	2486.0908	43.45	12.98	56.43	74.00	-17.57	Horizontal
3	2497.8147	41.63	13.11	54.74	74.00	-19.26	Horizontal
4	2525.8082	41.14	13.34	54.48	74.00	-19.52	Horizontal

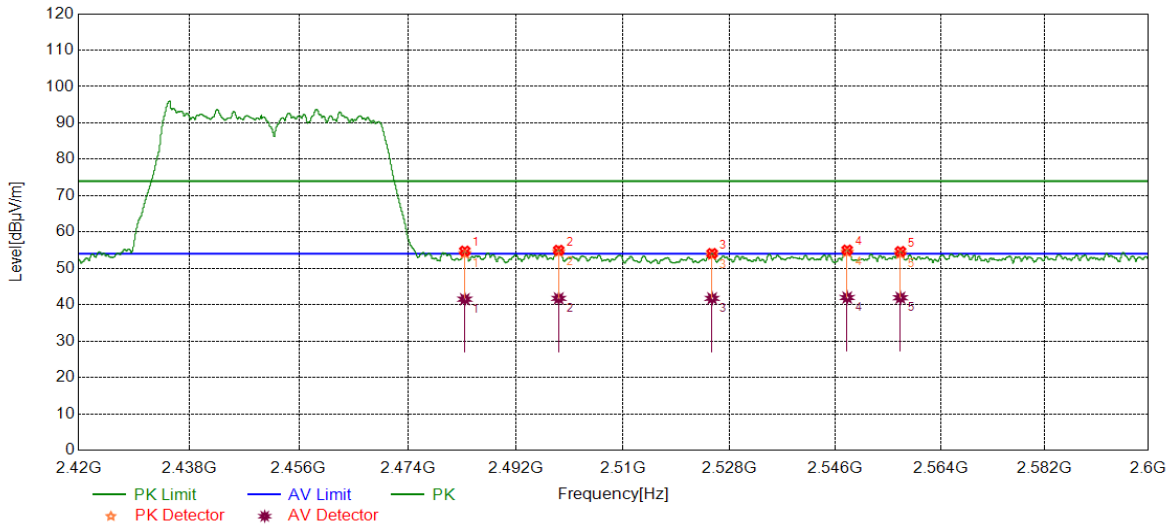
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	30.52	12.97	43.49	54.00	-10.51	Horizontal
2	2486.0908	28.36	12.98	41.34	54.00	-12.66	Horizontal
3	2497.8147	28.24	13.11	41.35	54.00	-12.65	Horizontal
4	2525.8082	28.36	13.34	41.70	54.00	-12.30	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11N HT40	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	41.79	12.97	54.76	74.00	-19.24	Vertical
2	2499.1874	41.87	13.13	55.00	74.00	-19.00	Vertical
3	2525.0206	40.79	13.32	54.11	74.00	-19.89	Vertical
4	2547.9960	41.69	13.36	55.05	74.00	-18.95	Vertical
5	2557.1096	41.26	13.40	54.66	74.00	-19.34	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	28.55	12.97	41.52	54.00	-12.48	Vertical
2	2499.1874	28.62	13.13	41.75	54.00	-12.25	Vertical
3	2525.0206	28.43	13.32	41.75	54.00	-12.25	Vertical
4	2547.9960	28.61	13.36	41.97	54.00	-12.03	Vertical
5	2557.1096	28.52	13.40	41.92	54.00	-12.08	Vertical

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



7.6.4. SPURIOUS EMISSIONS

TEST RESULTS TABLE

1) For 1GHz~18GHz

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

2) For 9KHz~30MHz

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

Remark:

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

3) For 30MHz~1GHz

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

Remark:

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

4) For 18GHz~26.5GHz

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

Remark:

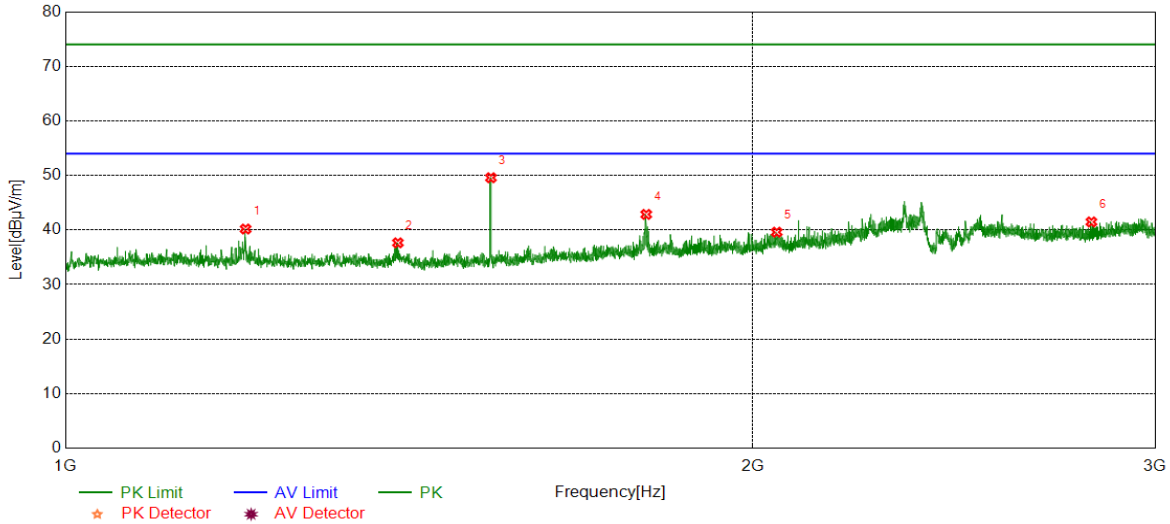
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.



Part I: 1GHz~3GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

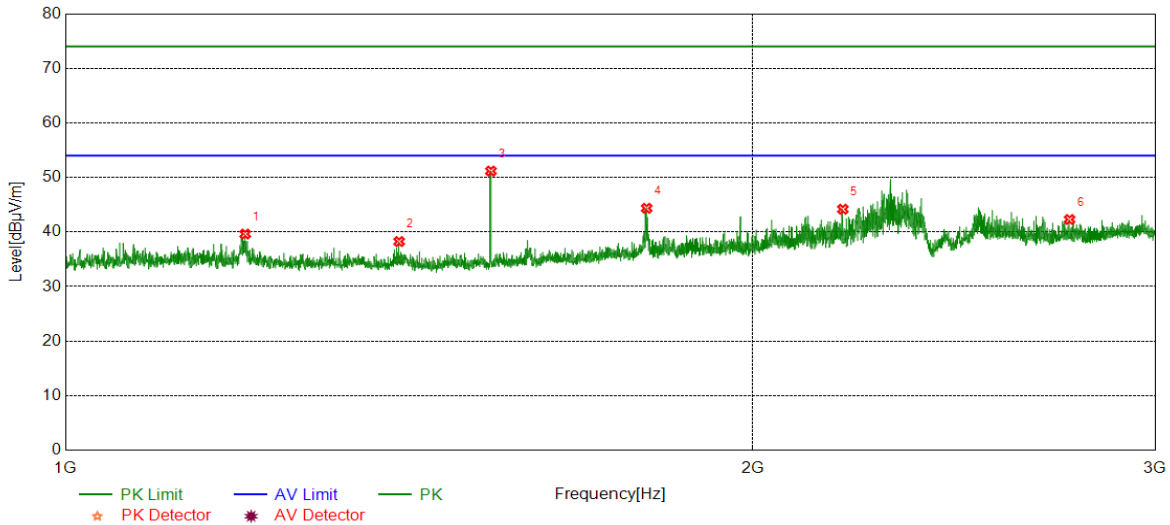


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1199.2749	45.74	-5.56	40.18	74.00	-33.82	Horizontal
2	1398.2998	43.33	-5.68	37.65	74.00	-36.35	Horizontal
3	1535.8170	55.33	-5.75	49.58	74.00	-24.42	Horizontal
4	1796.0995	46.66	-3.80	42.86	74.00	-31.14	Horizontal
5	2048.6311	41.98	-2.38	39.60	74.00	-34.40	Horizontal
6	2813.4767	41.69	-0.21	41.48	74.00	-32.52	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. 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

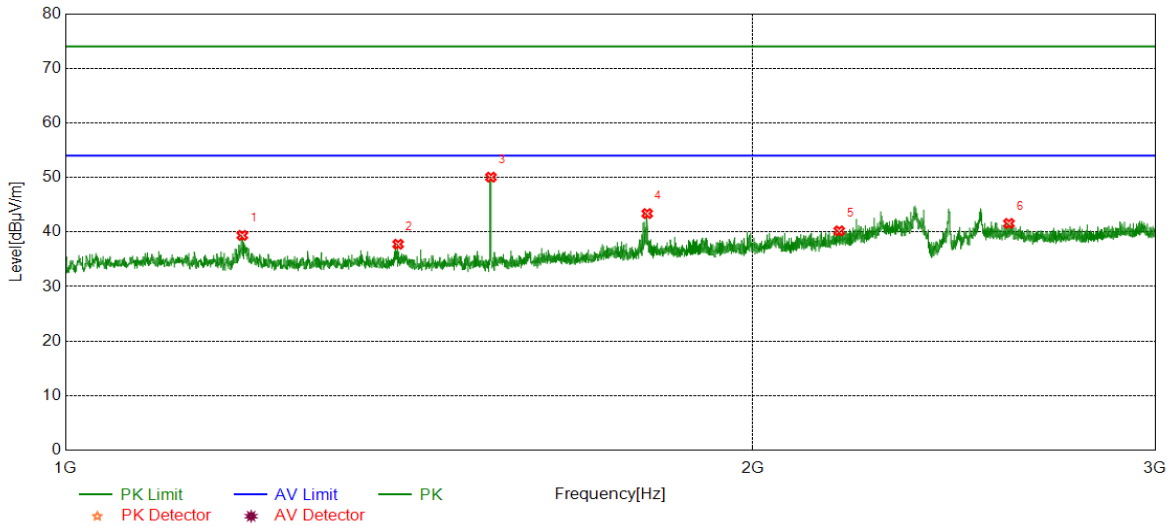


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1198.7748	45.19	-5.56	39.63	74.00	-34.37	Vertical
2	1400.0500	43.90	-5.65	38.25	74.00	-35.75	Vertical
3	1535.8170	56.92	-5.75	51.17	74.00	-22.83	Vertical
4	1796.8496	48.16	-3.81	44.35	74.00	-29.65	Vertical
5	2189.8987	46.51	-2.33	44.18	74.00	-29.82	Vertical
6	2752.2190	42.69	-0.40	42.29	74.00	-31.71	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
11B	MCH	Horizontal	PASS

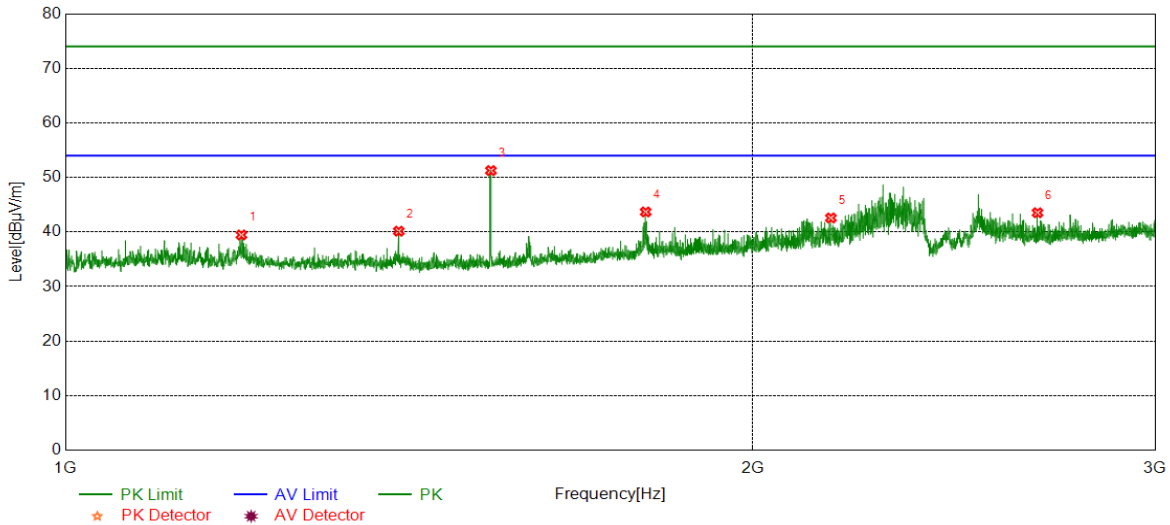


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1195.2744	44.95	-5.57	39.38	74.00	-34.62	Horizontal
2	1398.5498	43.43	-5.67	37.76	74.00	-36.24	Horizontal
3	1535.8170	55.80	-5.75	50.05	74.00	-23.95	Horizontal
4	1797.8497	47.20	-3.82	43.38	74.00	-30.62	Horizontal
5	2181.8977	42.53	-2.33	40.20	74.00	-33.80	Horizontal
6	2588.9486	42.36	-0.79	41.57	74.00	-32.43	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS

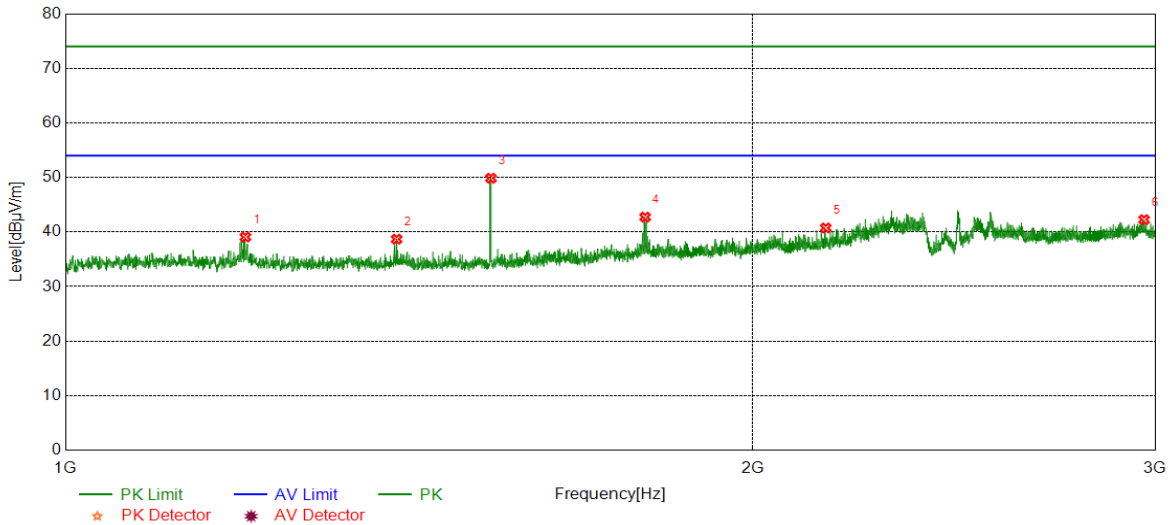


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1194.2743	45.03	-5.57	39.46	74.00	-34.54	Vertical
2	1399.5499	45.81	-5.66	40.15	74.00	-33.85	Vertical
3	1535.8170	57.01	-5.75	51.26	74.00	-22.74	Vertical
4	1795.0994	47.47	-3.79	43.68	74.00	-30.32	Vertical
5	2163.6455	45.03	-2.46	42.57	74.00	-31.43	Vertical
6	2664.7081	44.23	-0.70	43.53	74.00	-30.47	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. 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

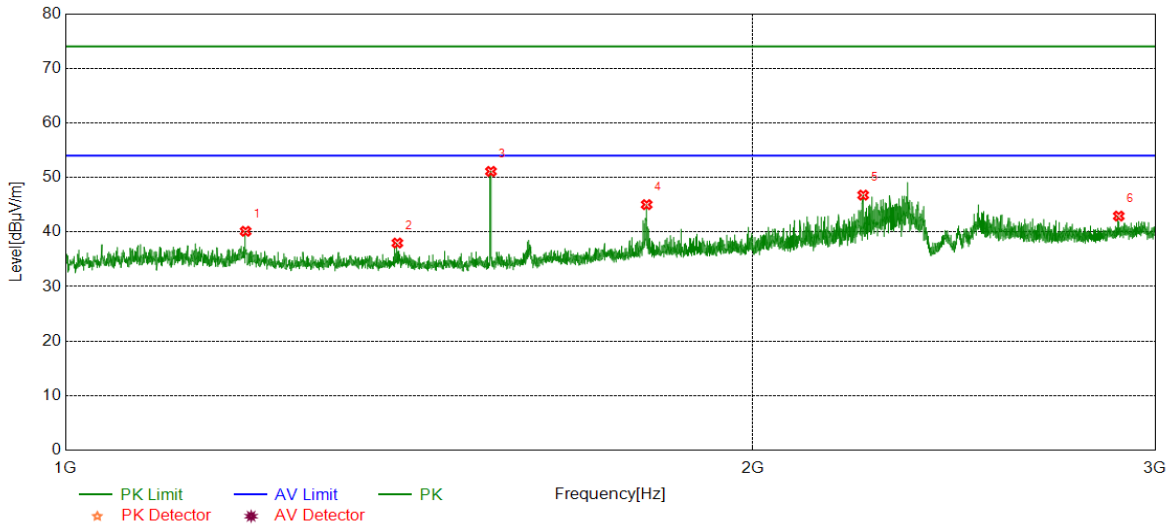


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1199.0249	44.63	-5.56	39.07	74.00	-34.93	Horizontal
2	1396.5496	44.38	-5.70	38.68	74.00	-35.32	Horizontal
3	1535.8170	55.61	-5.75	49.86	74.00	-24.14	Horizontal
4	1794.0993	46.51	-3.78	42.73	74.00	-31.27	Horizontal
5	2152.3940	43.14	-2.40	40.74	74.00	-33.26	Horizontal
6	2966.9959	41.19	1.07	42.26	74.00	-31.74	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
11B	HCH	Vertical	PASS

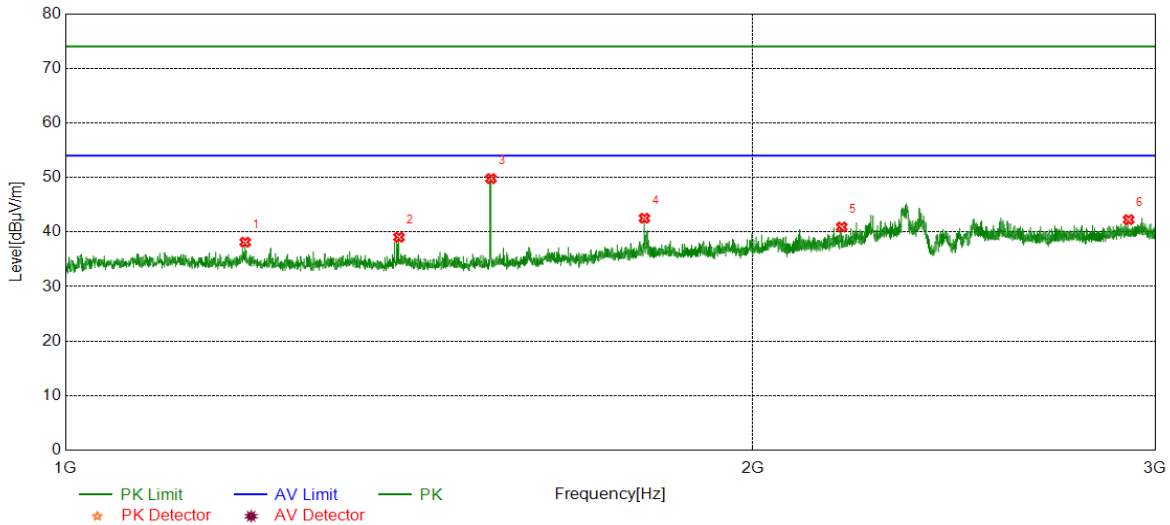


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1199.2749	45.69	-5.56	40.13	74.00	-33.87	Vertical
2	1397.5497	43.66	-5.68	37.98	74.00	-36.02	Vertical
3	1535.8170	56.86	-5.75	51.11	74.00	-22.89	Vertical
4	1796.8496	48.83	-3.81	45.02	74.00	-28.98	Vertical
5	2235.1544	48.99	-2.23	46.76	74.00	-27.24	Vertical
6	2891.9865	42.41	0.51	42.92	74.00	-31.08	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
11G	LCH	Horizontal	PASS

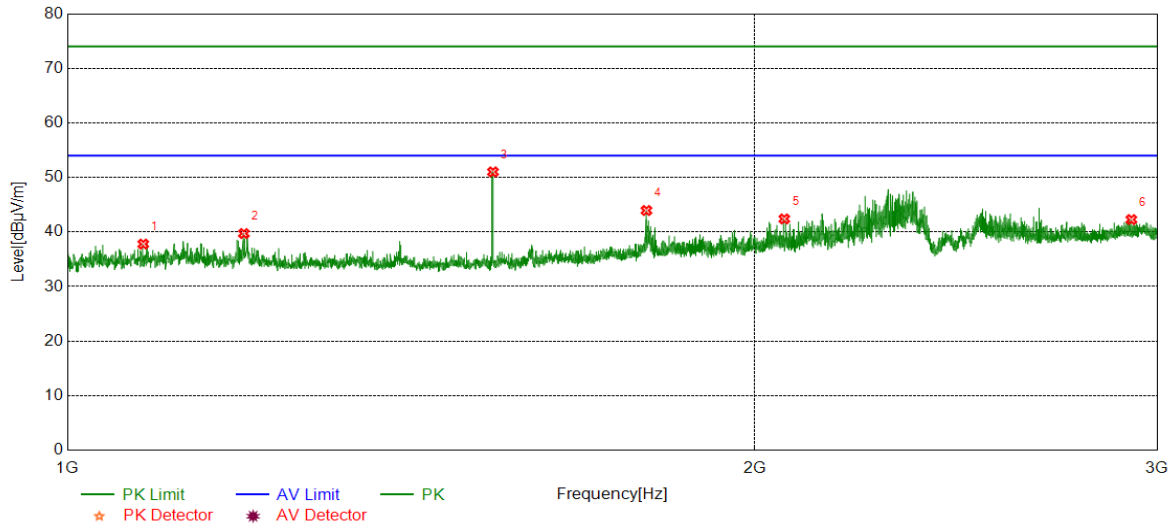


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1198.7748	43.69	-5.56	38.13	74.00	-35.87	Horizontal
2	1399.8000	44.71	-5.66	39.05	74.00	-34.95	Horizontal
3	1535.8170	55.54	-5.75	49.79	74.00	-24.21	Horizontal
4	1792.8491	46.30	-3.77	42.53	74.00	-31.47	Horizontal
5	2187.3984	43.24	-2.33	40.91	74.00	-33.09	Horizontal
6	2920.9901	41.63	0.63	42.26	74.00	-31.74	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
11G	LCH	Vertical	PASS

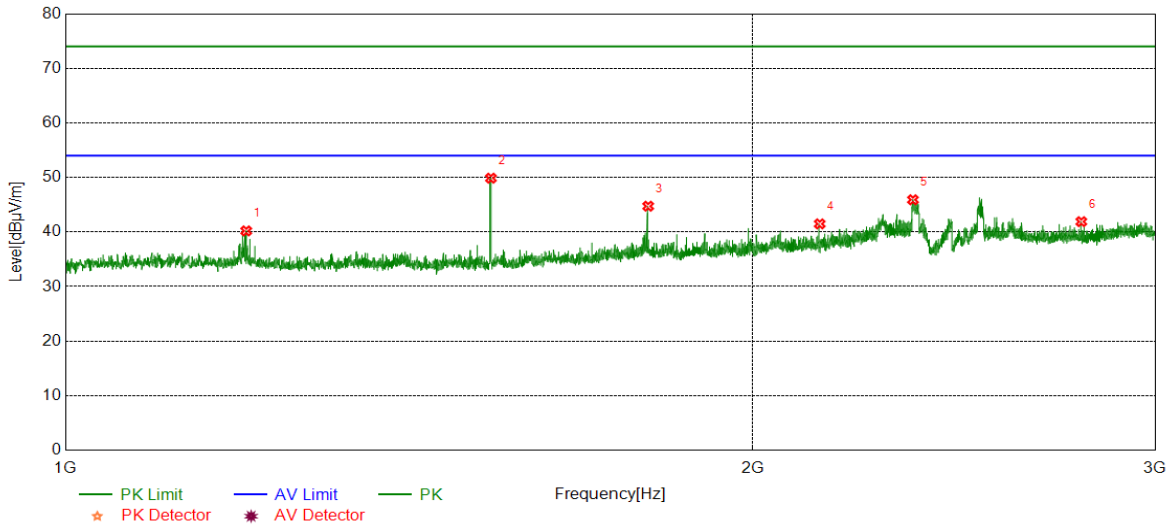


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1079.5099	43.23	-5.44	37.79	74.00	-36.21	Vertical
2	1194.7743	45.29	-5.57	39.72	74.00	-34.28	Vertical
3	1535.8170	56.77	-5.75	51.02	74.00	-22.98	Vertical
4	1792.8491	47.71	-3.77	43.94	74.00	-30.06	Vertical
5	2060.1325	45.03	-2.63	42.40	74.00	-31.60	Vertical
6	2923.2404	41.68	0.60	42.28	74.00	-31.72	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
11G	MCH	Horizontal	PASS

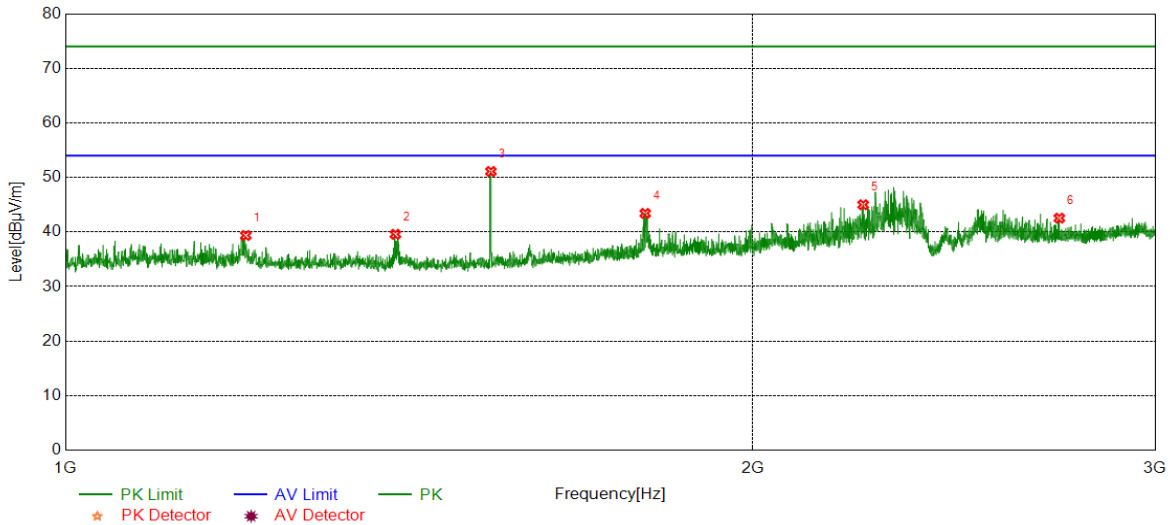


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1200.0250	45.76	-5.56	40.20	74.00	-33.80	Horizontal
2	1535.8170	55.62	-5.75	49.87	74.00	-24.13	Horizontal
3	1799.6000	48.57	-3.84	44.73	74.00	-29.27	Horizontal
4	2139.3924	43.87	-2.38	41.49	74.00	-32.51	Horizontal
5	2350.1688	47.58	-1.67	45.91	74.00	-28.09	Horizontal
6	2784.9731	42.21	-0.31	41.90	74.00	-32.10	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
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1199.5249	44.92	-5.56	39.36	74.00	-34.64	Vertical
2	1394.7994	45.30	-5.72	39.58	74.00	-34.42	Vertical
3	1535.8170	56.85	-5.75	51.10	74.00	-22.90	Vertical
4	1794.3493	47.19	-3.78	43.41	74.00	-30.59	Vertical
5	2235.1544	47.23	-2.23	45.00	74.00	-29.00	Vertical
6	2723.9655	42.96	-0.42	42.54	74.00	-31.46	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.