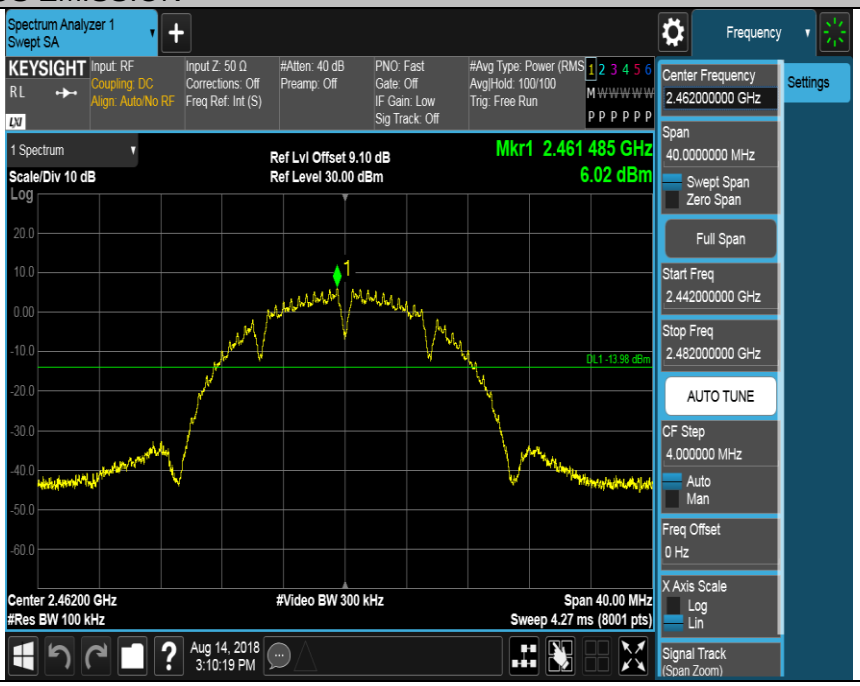
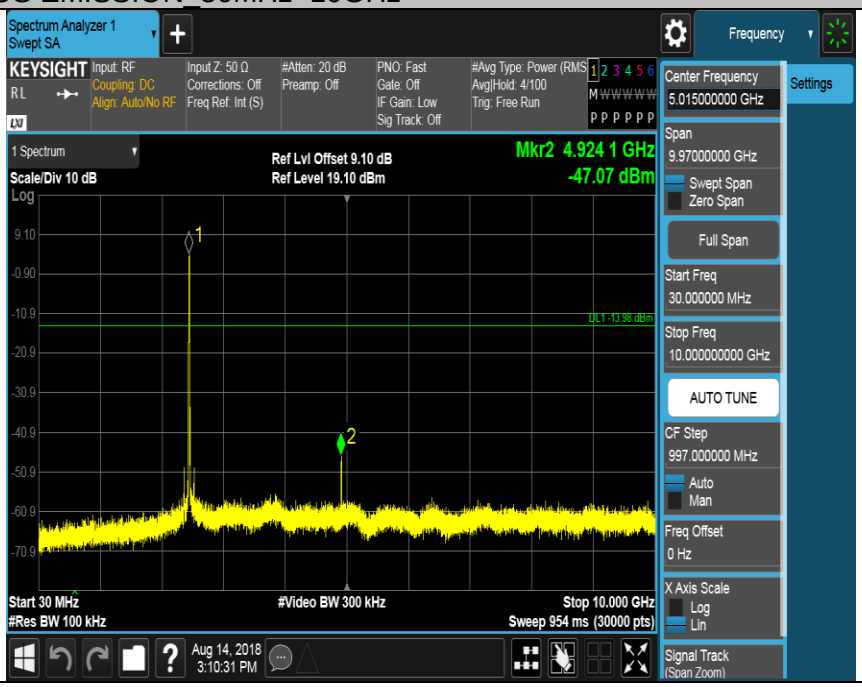
Test Mode	Channel	Verdict
11B	HCH	PASS

Pref test Plot

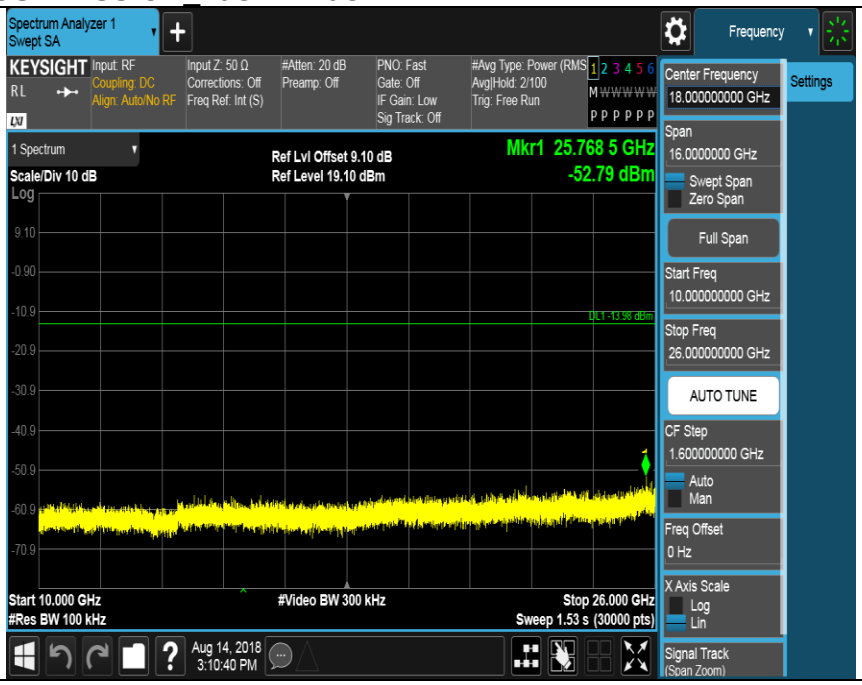
HCH SPURIOUS EMISSION



HCH SPURIOUS EMISSION_30MHz~10GHz



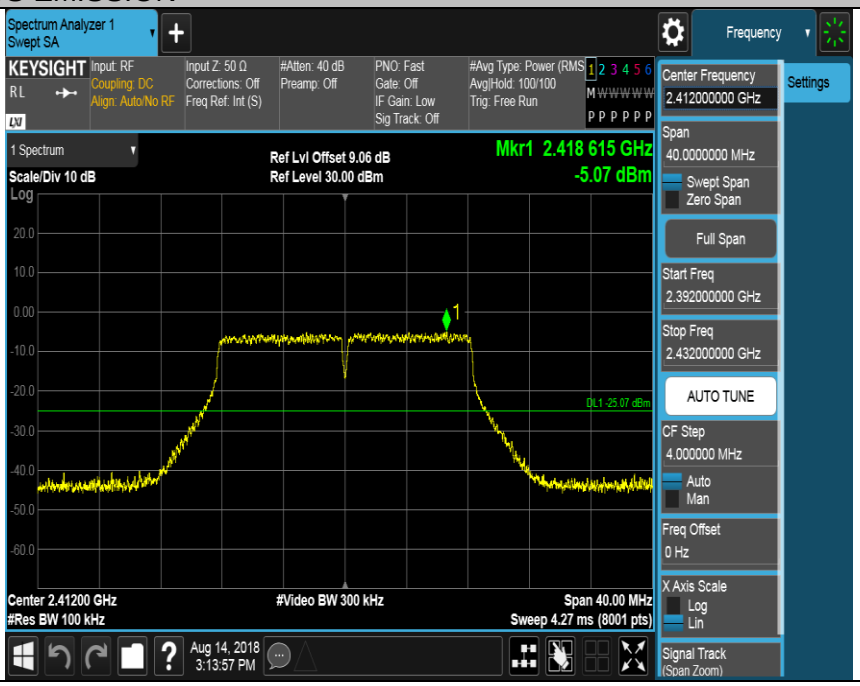
HCH SPURIOUS EMISSION_10GHz~26GHz

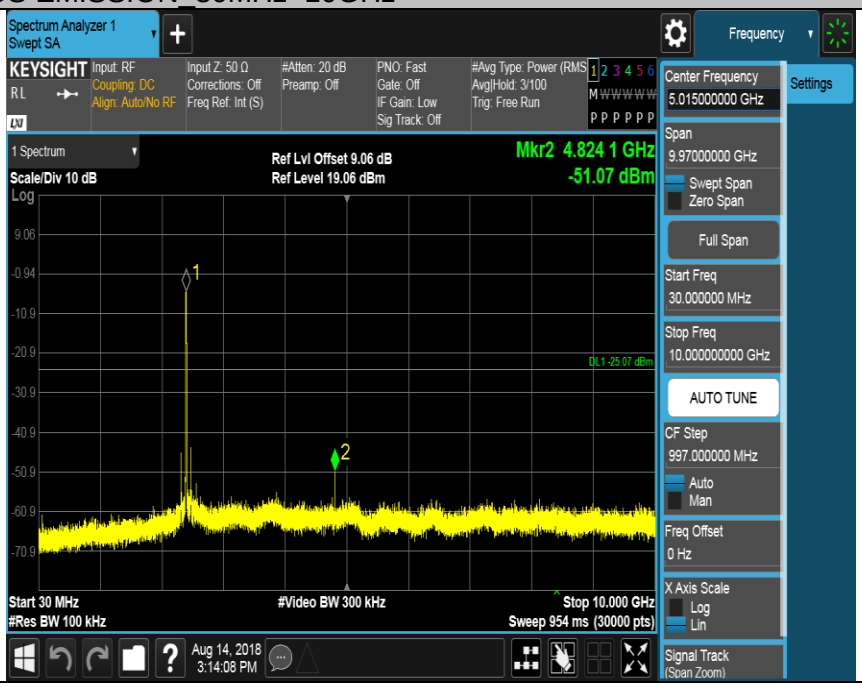


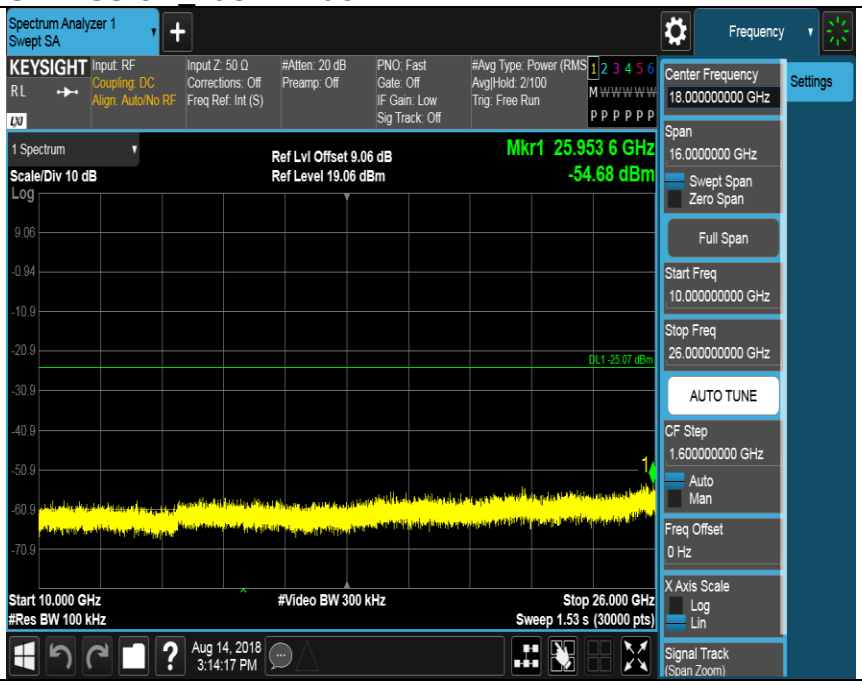
Test Mode	Channel	Verdict
11G	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION



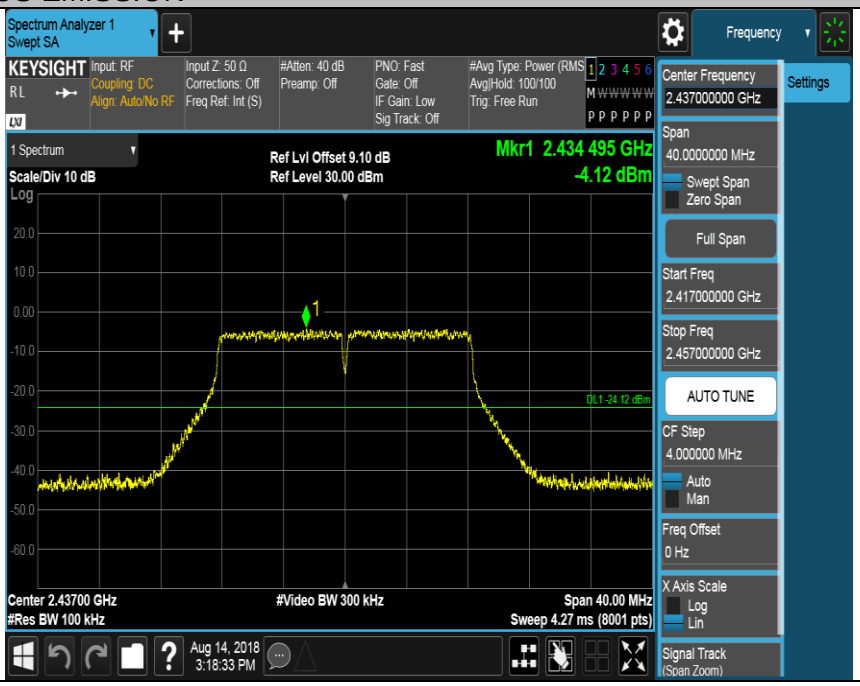
LCH SPURIOUS EMISSION_30MHz~10GHz


LCH SPURIOUS EMISSION_10GHz~26GHz


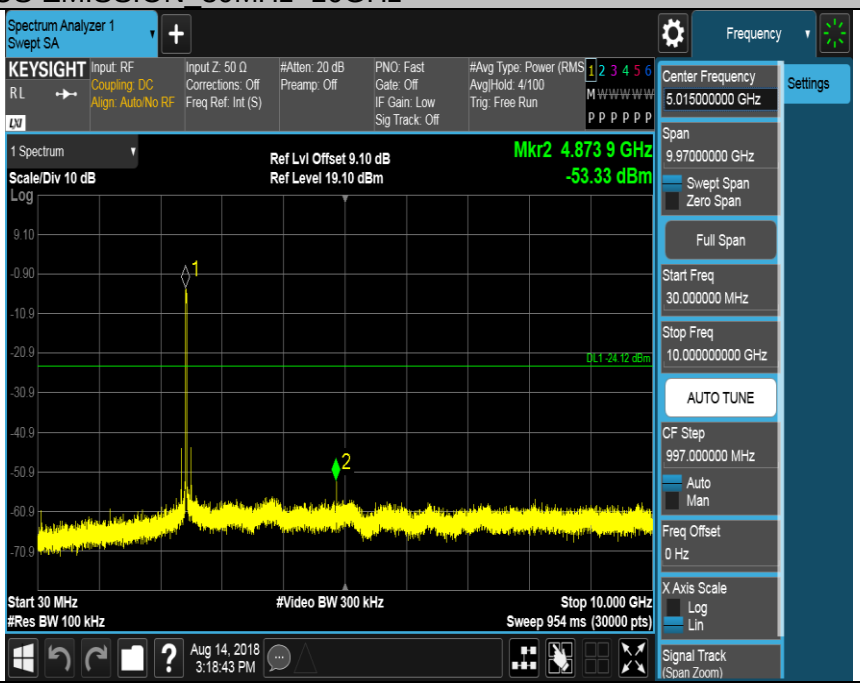
Test Mode	Channel	Verdict
11G	MCH	PASS

Pref test Plot

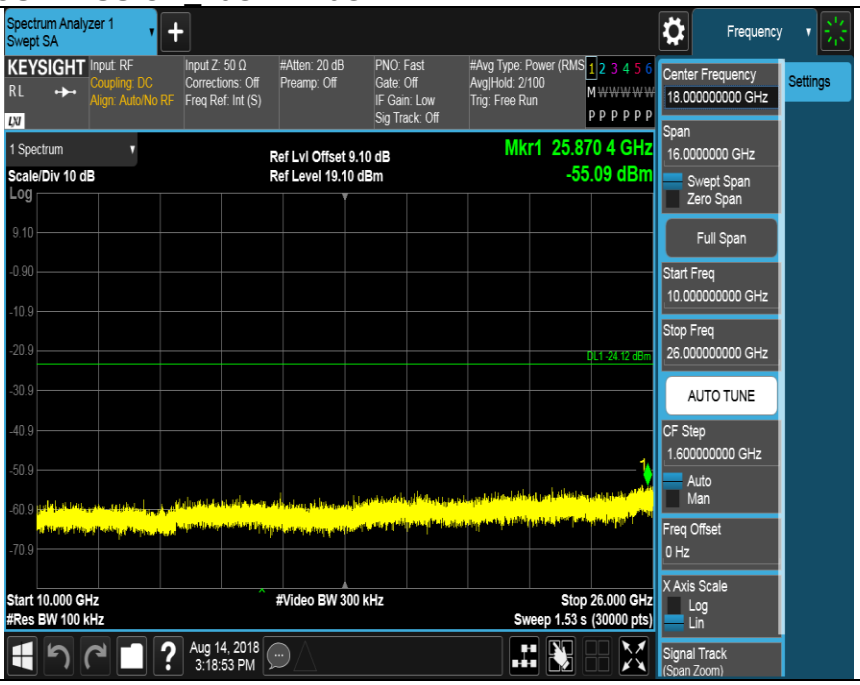
MCH SPURIOUS EMISSION



MCH SPURIOUS EMISSION_30MHz~10GHz



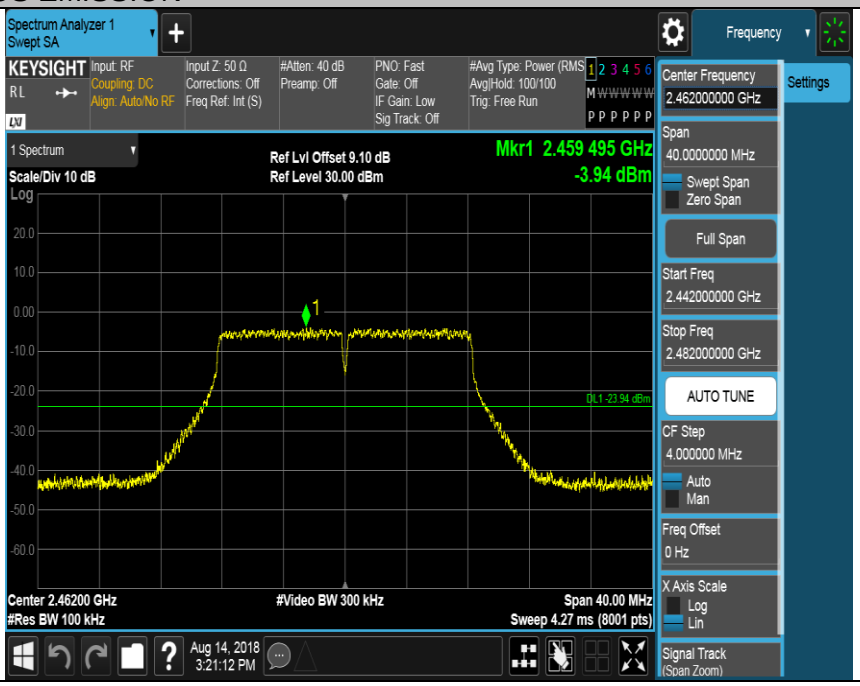
MCH SPURIOUS EMISSION_10GHz~26GHz

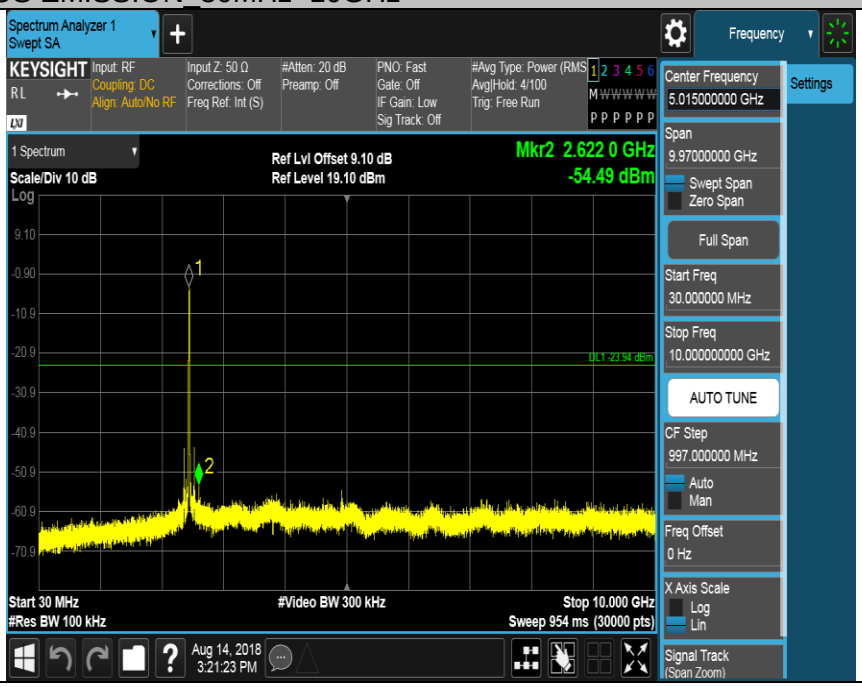


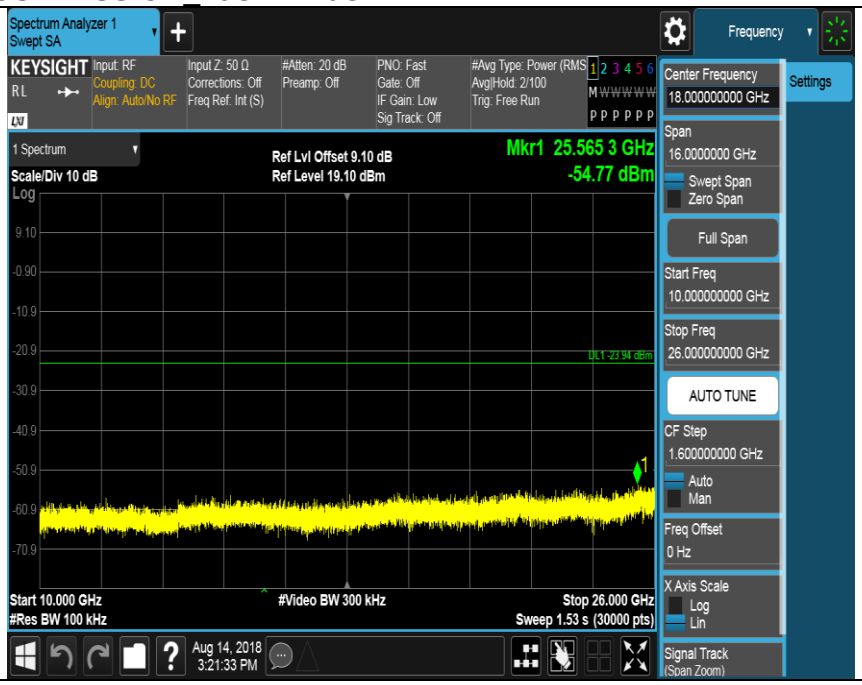
Test Mode	Channel	Verdict
11G	HCH	PASS

Pref test Plot

HCH SPURIOUS EMISSION



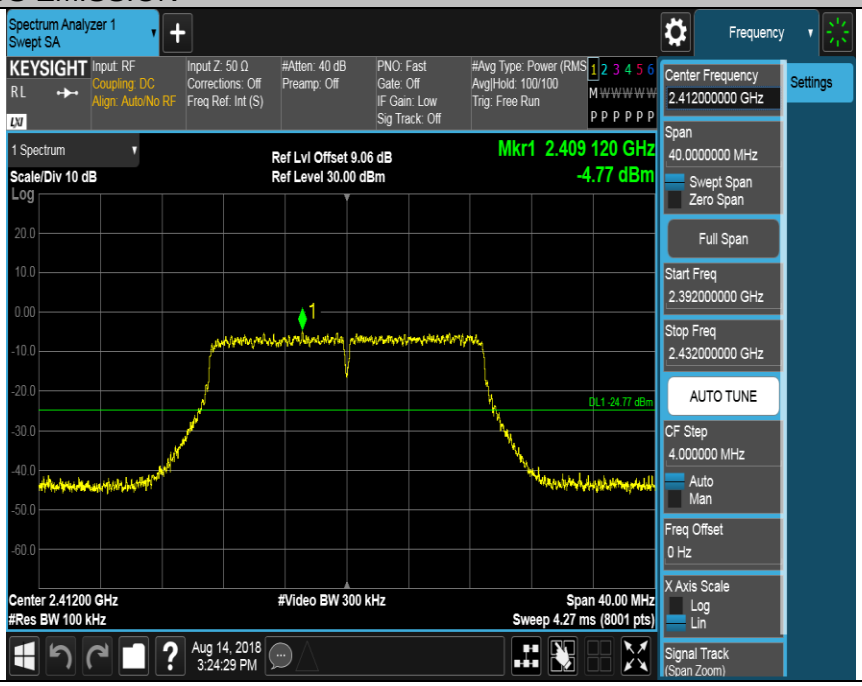
HCH SPURIOUS EMISSION_30MHz~10GHz


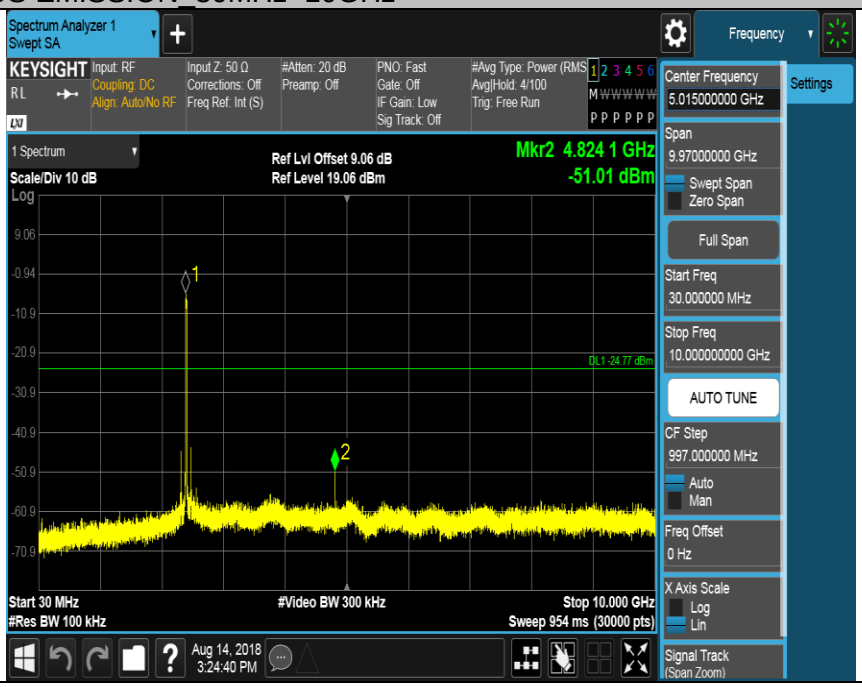
HCH SPURIOUS EMISSION_10GHz~26GHz


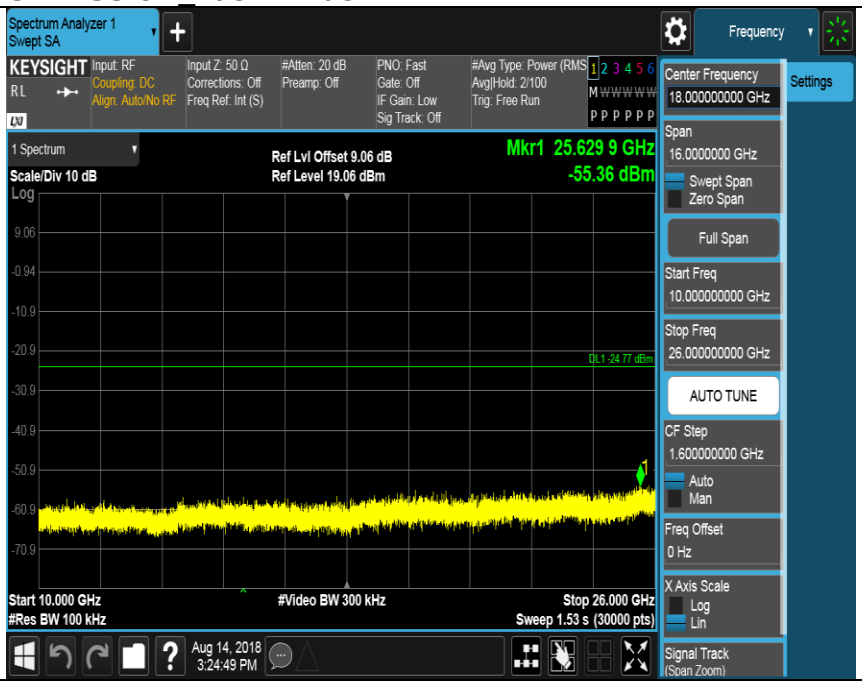
Test Mode	Channel	Verdict
11N20SISO	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION



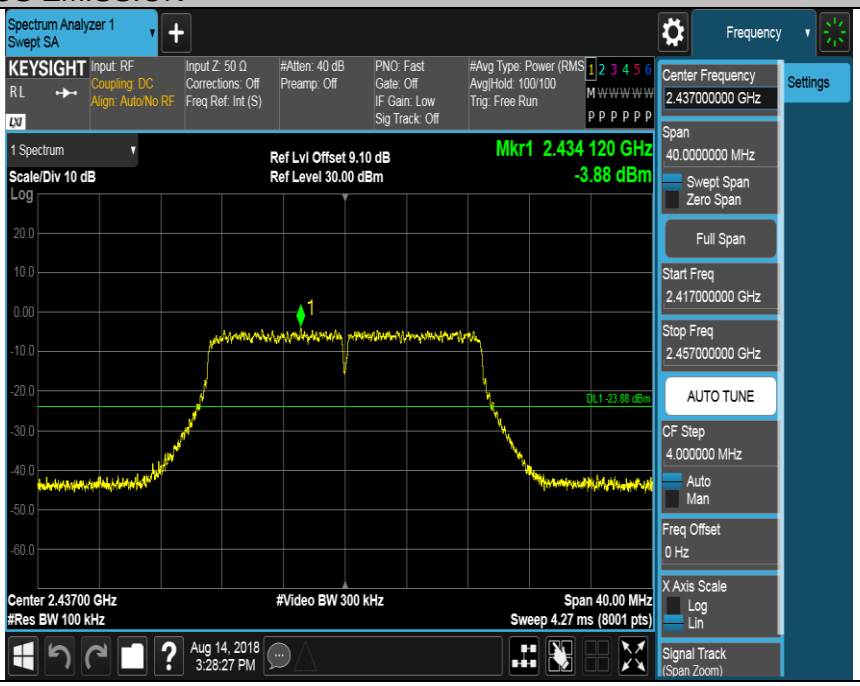
LCH SPURIOUS EMISSION_30MHz~10GHz


LCH SPURIOUS EMISSION_10GHz~26GHz


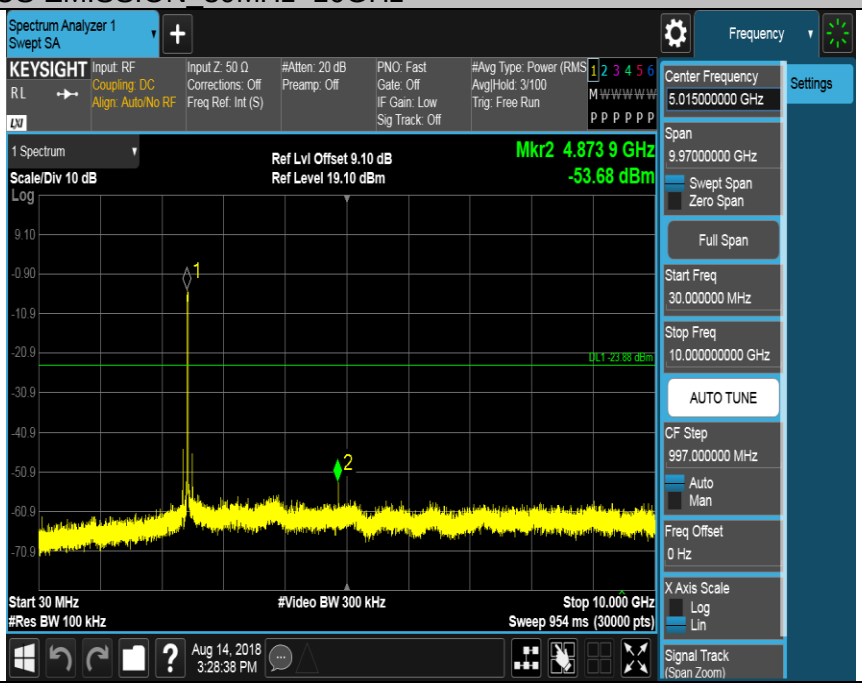
Test Mode	Channel	Verdict
11N20SISO	MCH	PASS

Pref test Plot

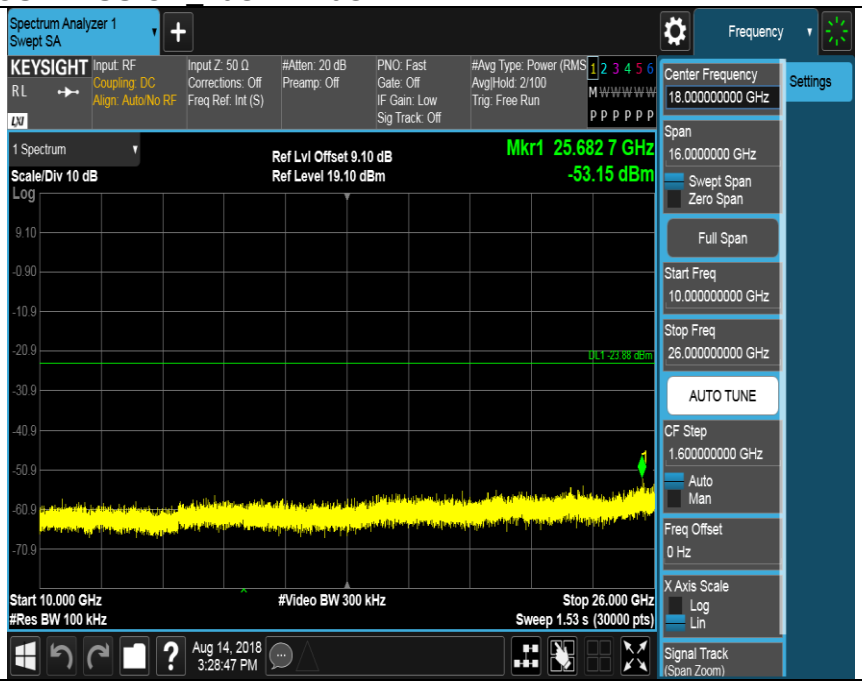
MCH SPURIOUS EMISSION



MCH SPURIOUS EMISSION_30MHz~10GHz



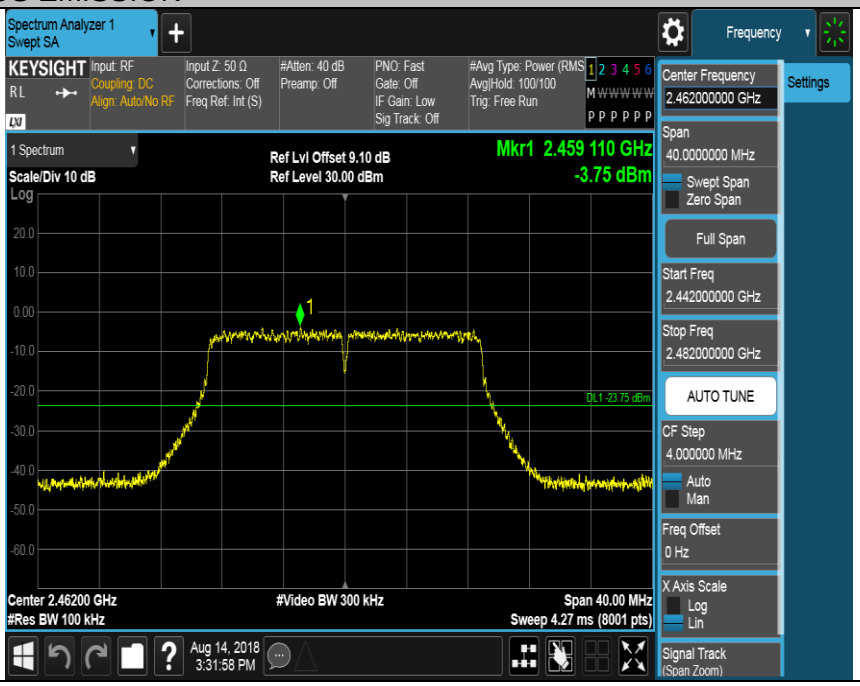
MCH SPURIOUS EMISSION_10GHz~26GHz



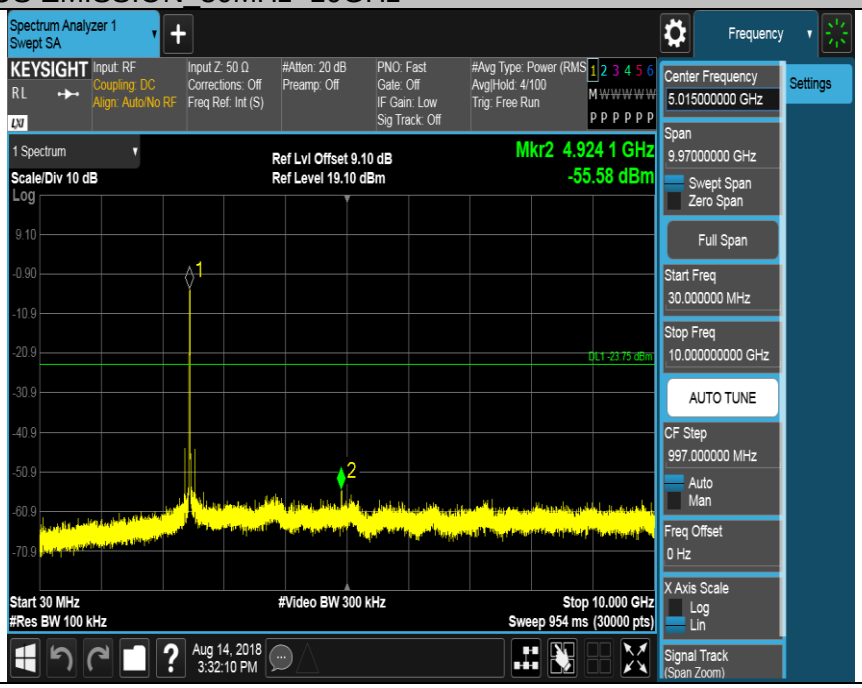
Test Mode	Channel	Verdict
11N20SISO	HCH	PASS

Pref test Plot

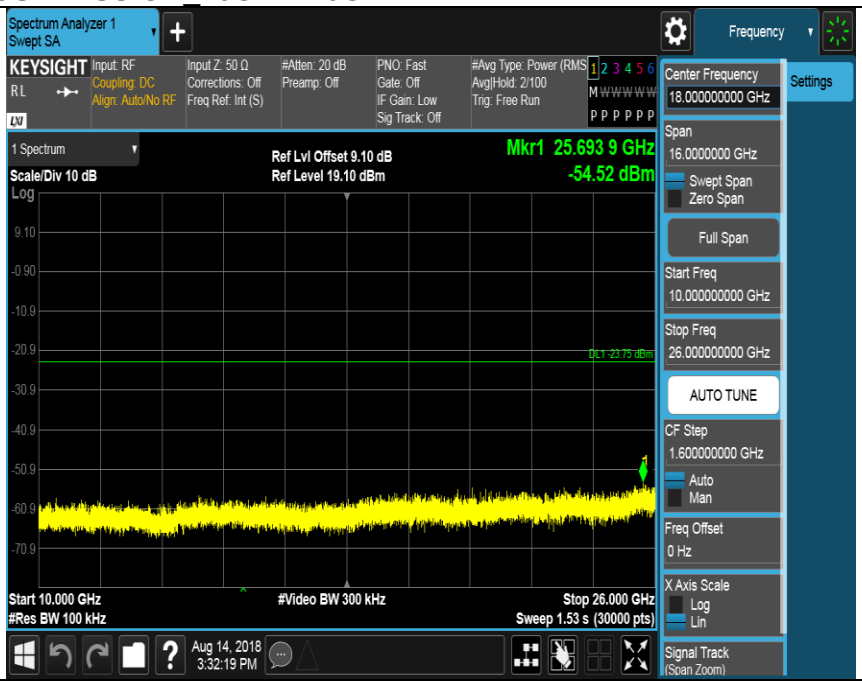
HCH SPURIOUS EMISSION



HCH SPURIOUS EMISSION_30MHz~10GHz

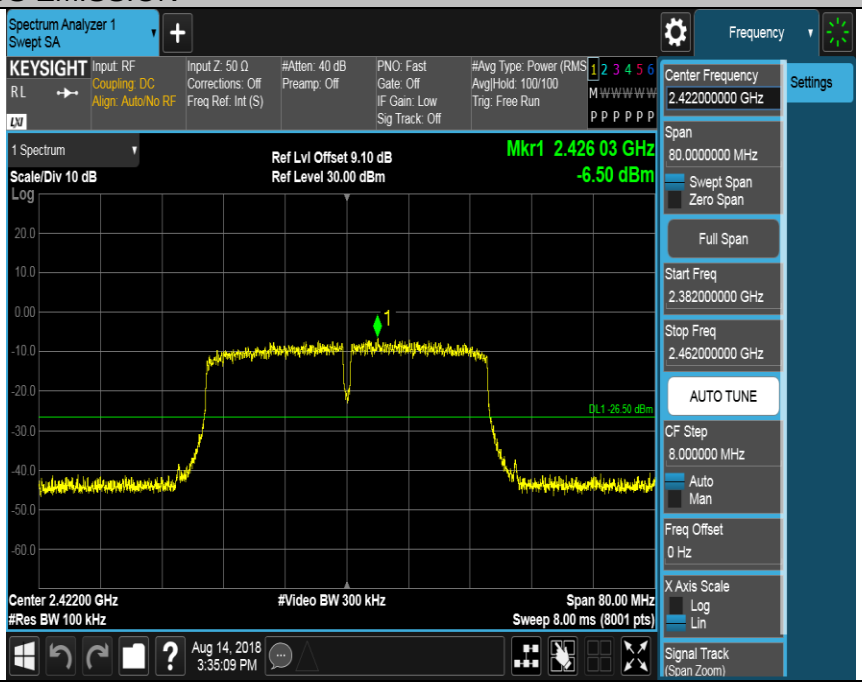


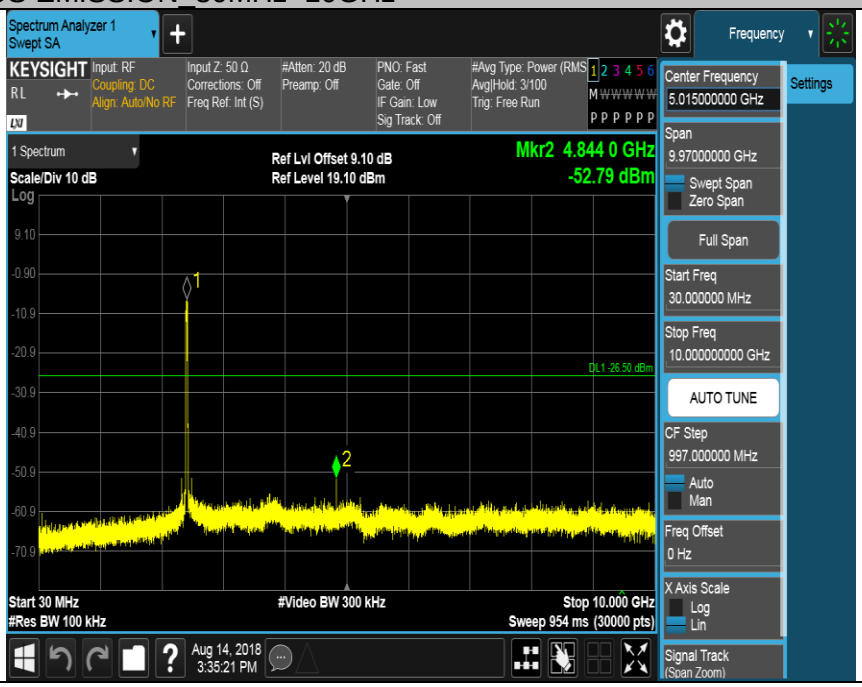
HCH SPURIOUS EMISSION_10GHz~26GHz

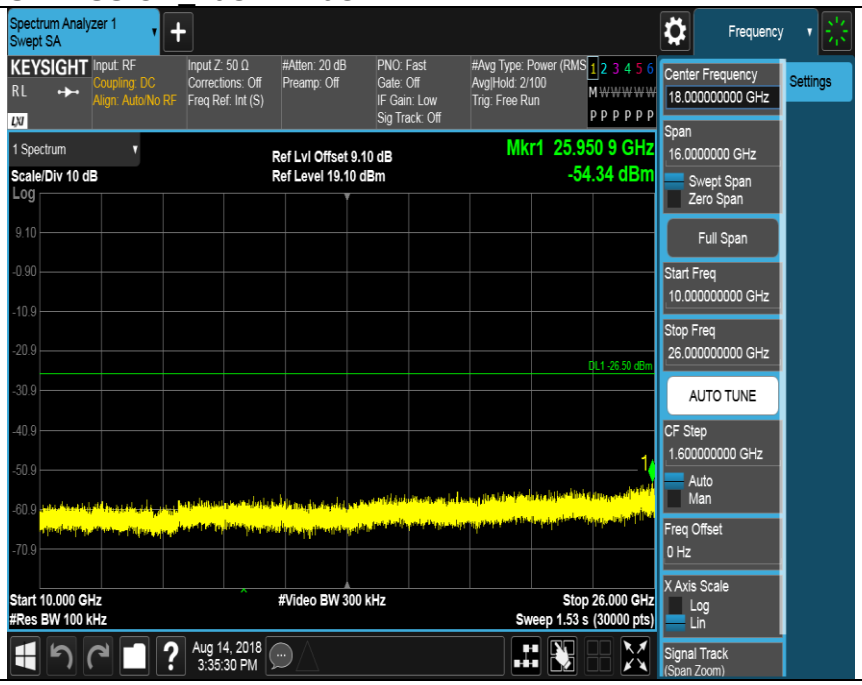


Test Mode	Channel	Verdict
11N40SISO	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION


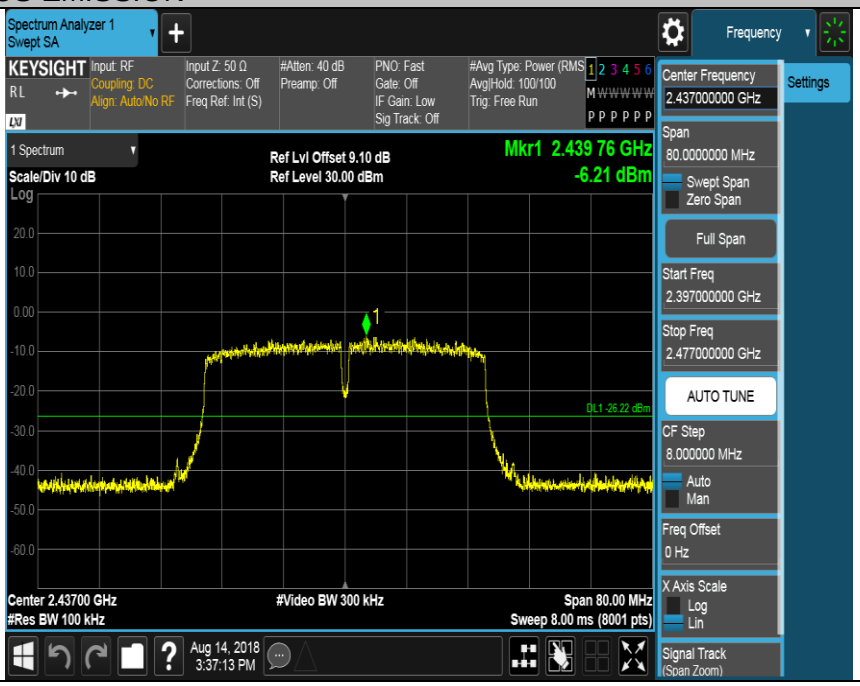
LCH SPURIOUS EMISSION_30MHz~10GHz


LCH SPURIOUS EMISSION_10GHz~26GHz


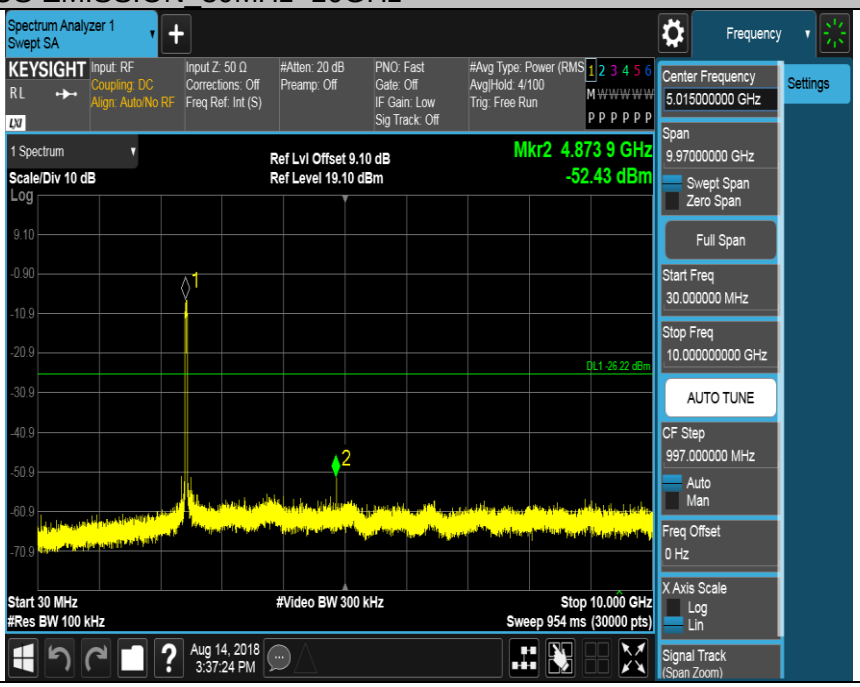
Test Mode	Channel	Verdict
11N40SISO	MCH	PASS

Pref test Plot

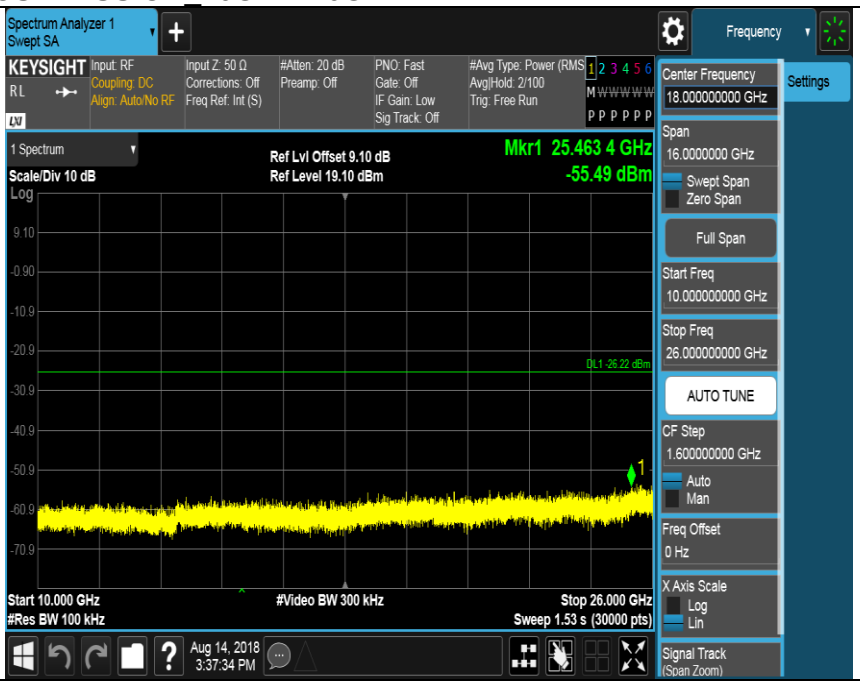
MCH SPURIOUS EMISSION



MCH SPURIOUS EMISSION_30MHz~10GHz



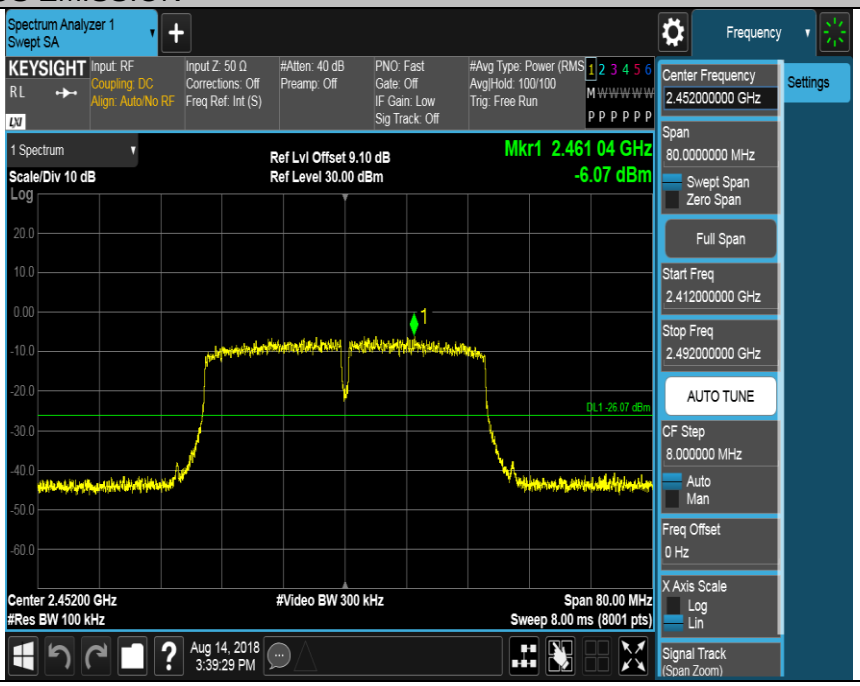
MCH SPURIOUS EMISSION_10GHz~26GHz



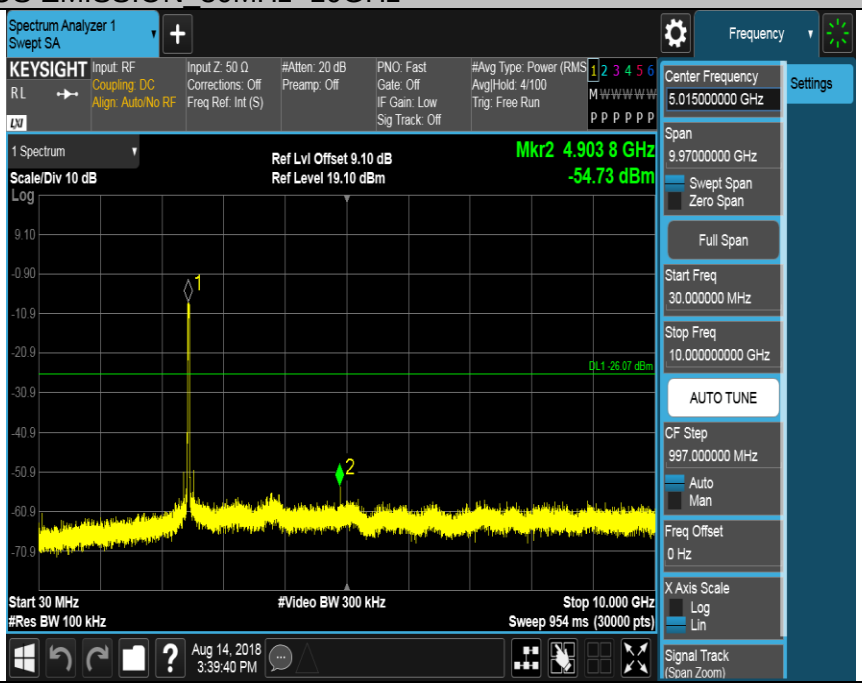
Test Mode	Channel	Verdict
11N40SISO	HCH	PASS

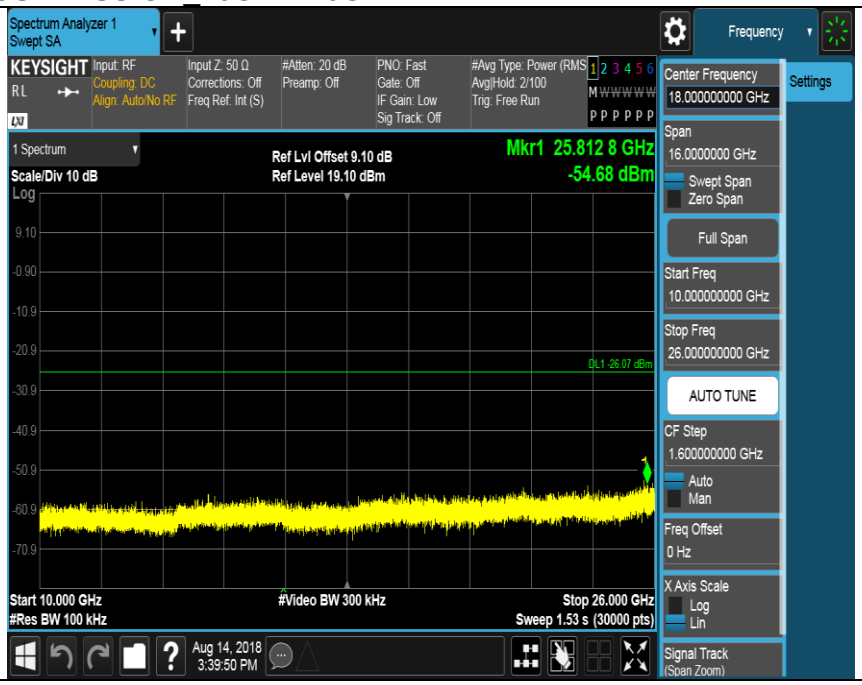
Pref test Plot

HCH SPURIOUS EMISSION



Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz


HCH SPURIOUS EMISSION_10GHz~26GHz


6.6. RADIATED TEST RESULTS

6.6.1. LIMITS AND PROCEDURE

LIMITS

Please refer to FCC §15.205, §15.209 and RSS-GEN Clause 8.9

Please refer to FCC KDB 558074

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

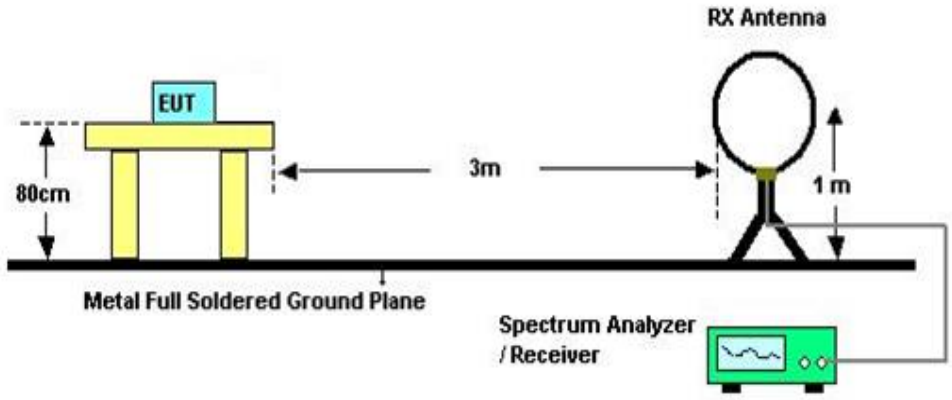
Restricted bands of operation

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: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2]Above 38.6c

TEST SETUP AND PROCEDURE

Below 30MHz



The setting of the spectrum analyser

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

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

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal 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.

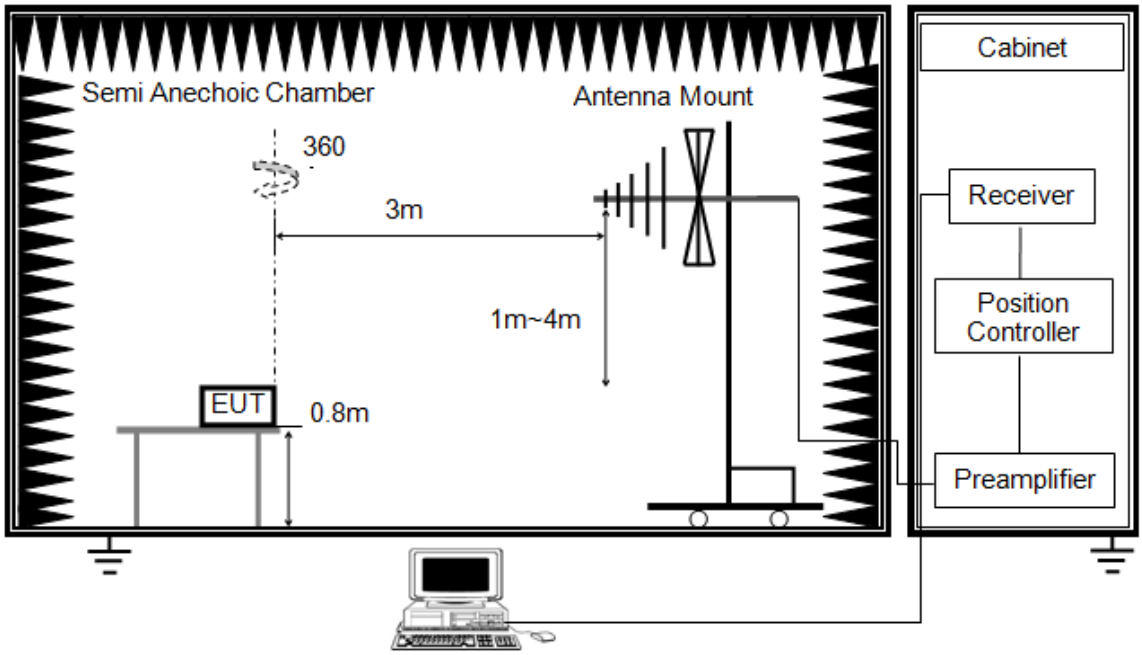
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. 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.

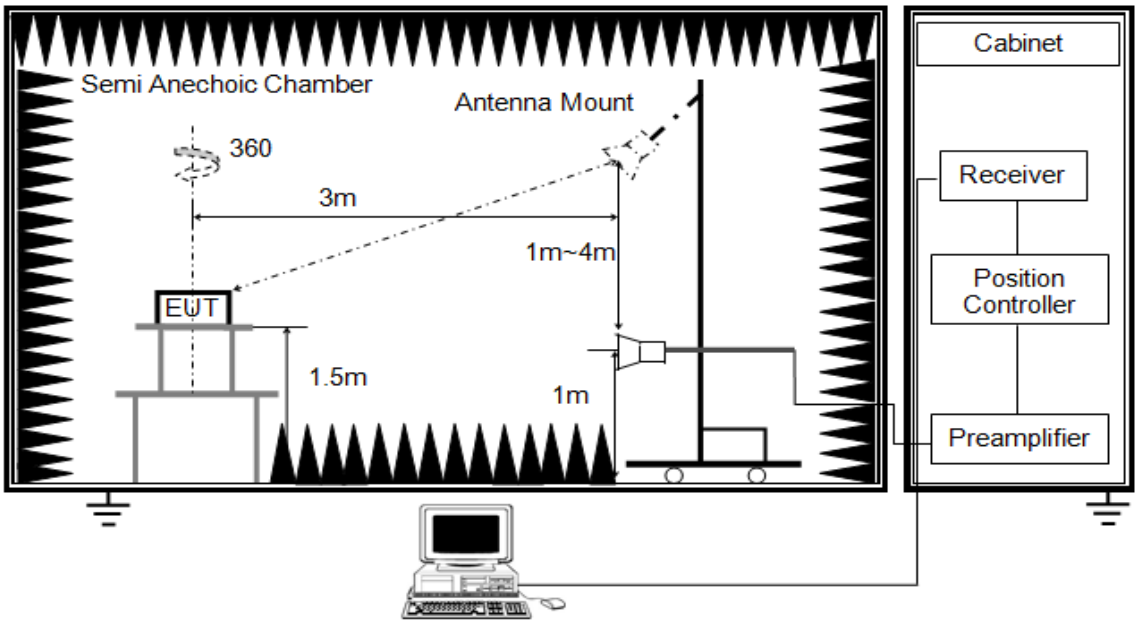
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations 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)



The setting of the spectrum analyser

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

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

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

3. The EUT was placed on a turntable with 1.5m above ground.

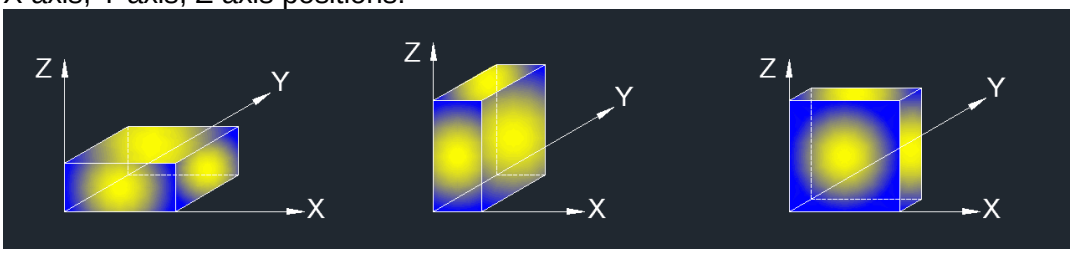
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with set VBW ≤RBW/100, but not less than 10Hz video bandwidth with peak detector， max hold to be 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, Z axis positions:



Note1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (Z axis) data recorded in the report.

Note 2: The EUT was fully exercised with external accessories during the test. In the case of multiple accessory external ports, an external accessory shall be connected to one of each type of port.

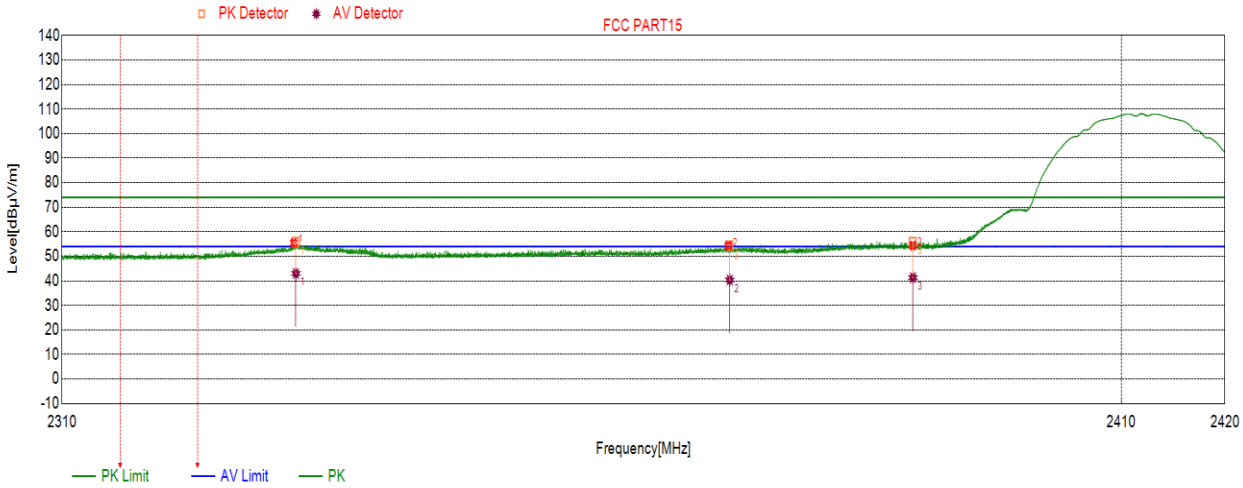
6.6.2. RESTRICTED BANDEDGE

Test Result Table

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11G	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N20SISO	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N40SISO	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS

Test Graphs:

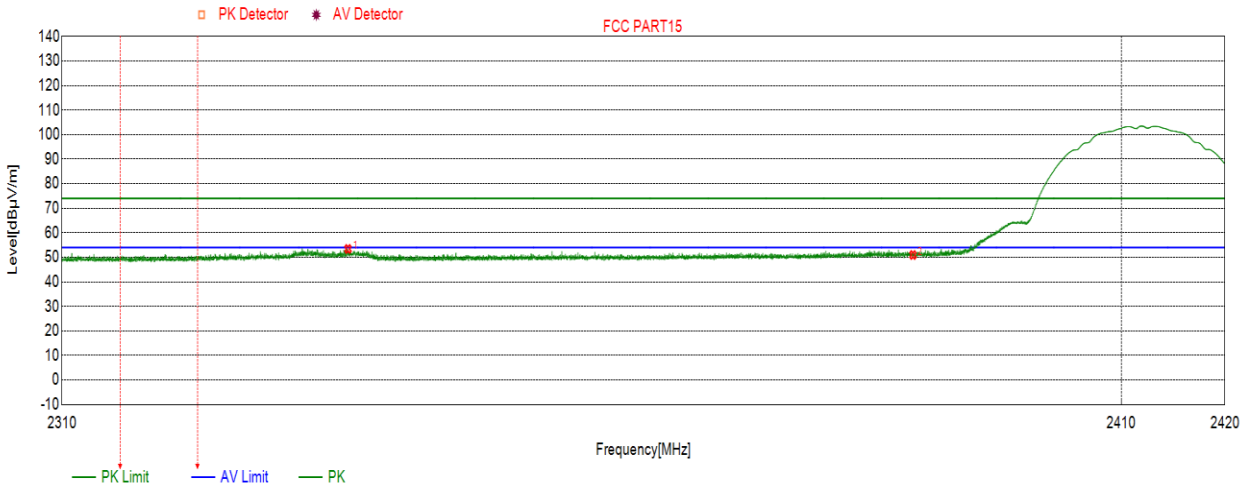
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2331.7275	55.86	74.00	-18.14	peak
	2331.7275	43.02	54.00	-10.98	average
2	2372.5481	54.16	74.00	-19.84	peak
	2372.5481	40.37	54.00	-13.63	average
3	2390.0000	55.88	74.00	-18.12	peak
	2390.0000	41.31	54.00	-12.69	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

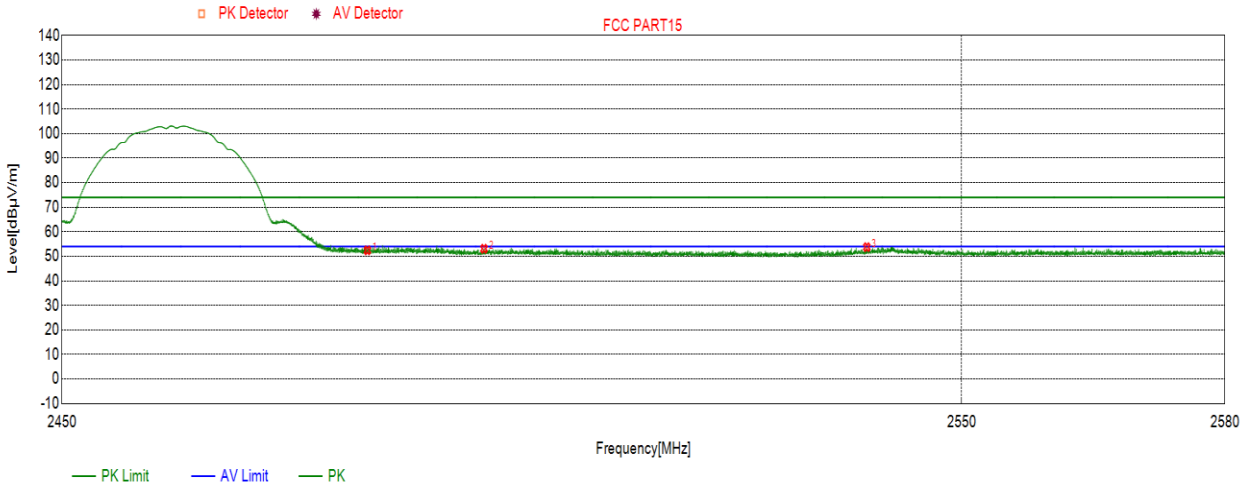
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2336.5897	53.41	74.00	-20.59	peak
	2336.5897	53.41	54.00	-0.59	average
2	2390.000	50.94	74.00	-23.06	peak
	2390.000	50.94	54.00	-3.06	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

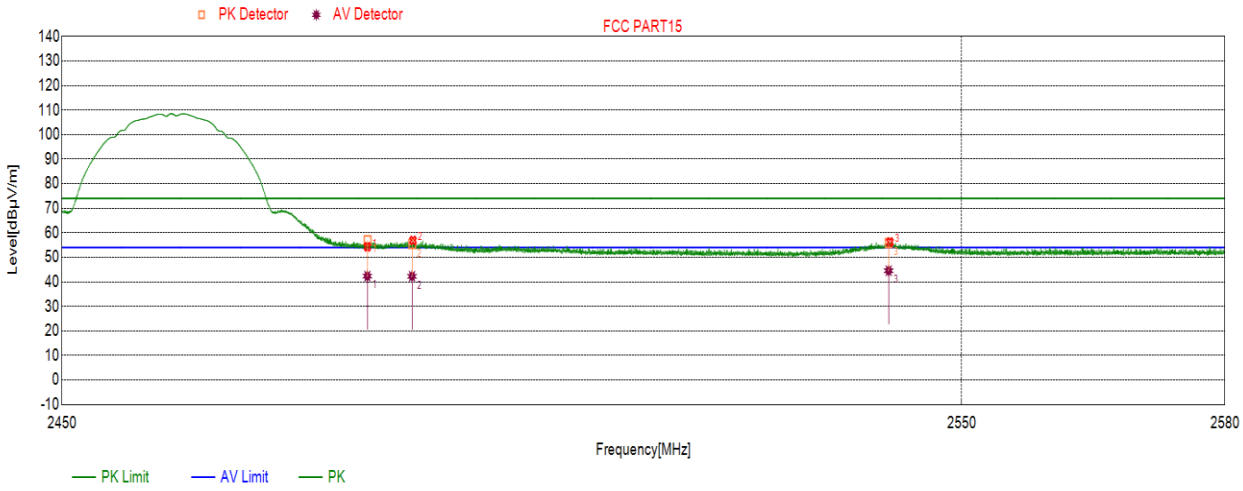
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	52.44	74.00	-21.56	peak
	2483.500	52.44	54.00	-1.56	average
2	2496.4146	53.08	74.00	-20.92	peak
	2496.4146	53.08	54.00	-0.92	average
3	2539.2669	53.72	74.00	-20.28	peak
	2539.2669	53.72	54.00	-0.28	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

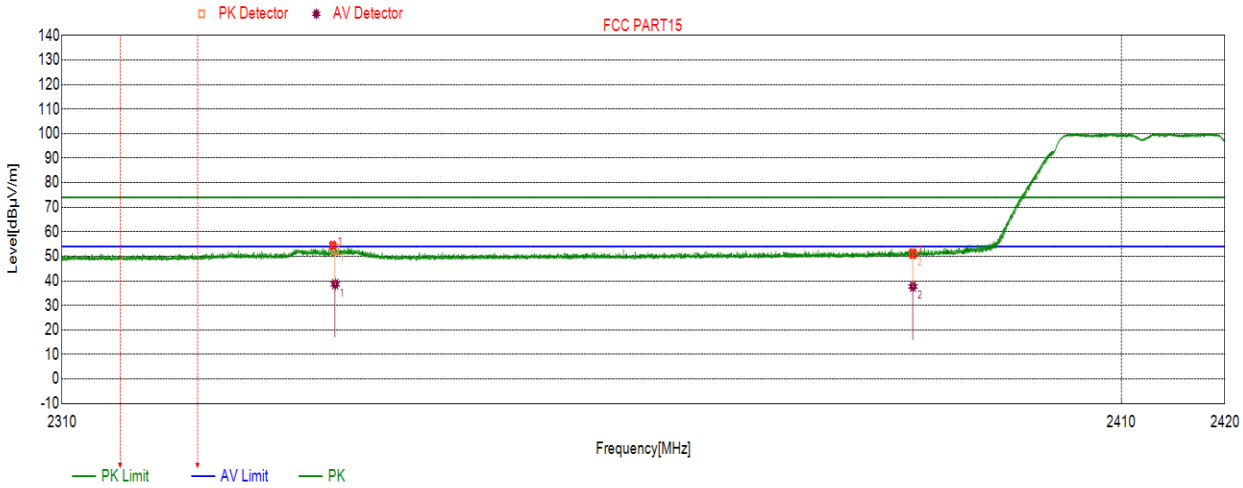
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	56.87	74.00	-17.13	peak
	2483.5000	42.33	54.00	-11.67	average
2	2488.4389	55.30	74.00	-18.70	peak
	2488.4389	42.26	54.00	-11.74	average
3	2541.7297	55.85	74.00	-18.15	peak
	2541.7297	44.54	54.00	-9.46	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

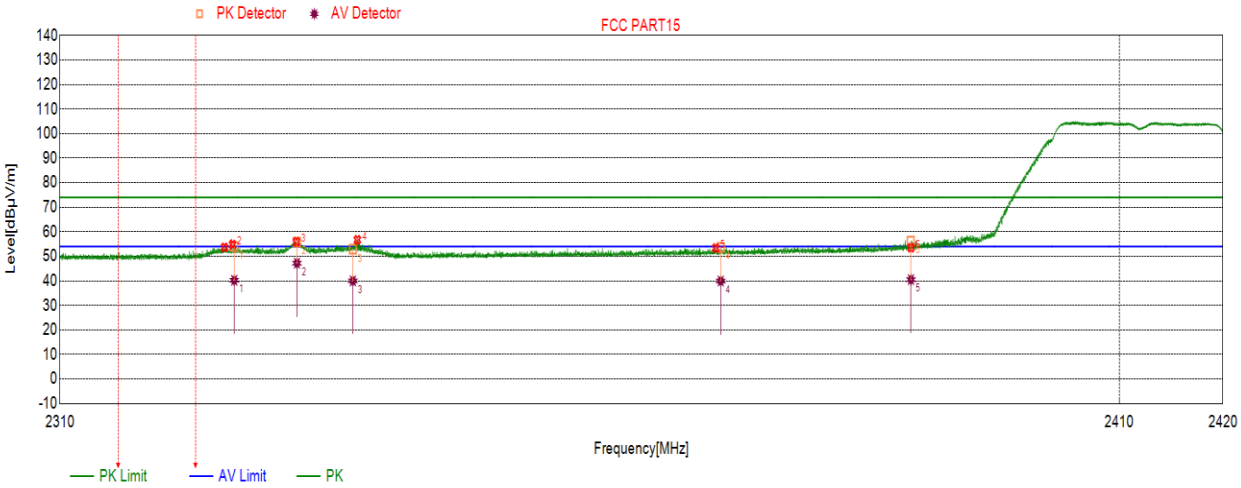
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2335.3977	52.86	74.00	-21.14	peak
	2335.3977	38.66	54.00	-15.34	average
2	2390.0000	51.06	74.00	-22.94	peak
	2390.0000	37.72	54.00	-16.28	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

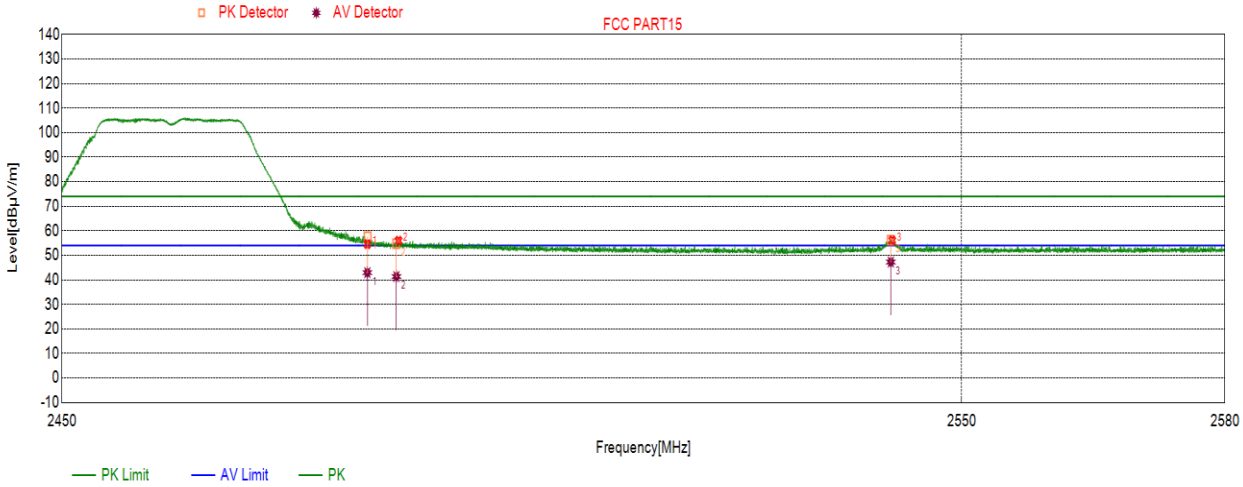
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.1672	54.01	74.00	-19.99	peak
	2326.1672	40.24	54.00	-13.76	average
2	2332.0103	55.92	74.00	-18.08	peak
	2332.0103	47.21	54.00	-6.79	average
3	2337.2371	52.72	74.00	-21.28	peak
	2337.2371	40.00	54.00	-14.00	average
4	2371.8828	53.65	74.00	-20.35	peak
	2371.8828	39.95	54.00	-14.05	average
5	2390.0000	56.30	74.00	-17.70	peak
	2390.0000	40.51	54.00	-13.49	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

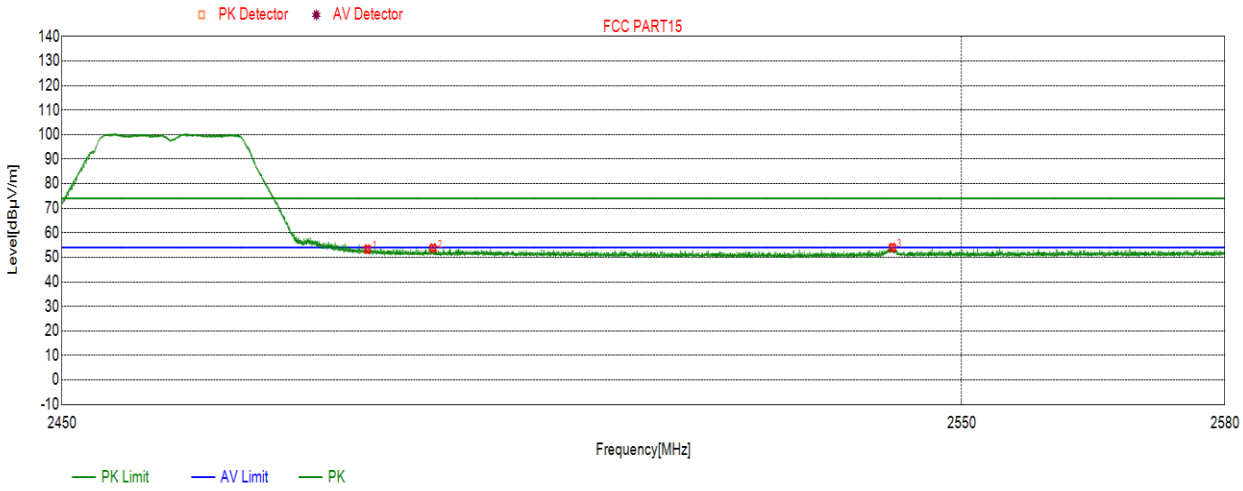
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	57.71	74.00	-16.29	peak
	2483.5000	42.95	54.00	-11.05	average
2	2486.7153	54.77	74.00	-19.23	peak
	2486.7153	41.36	54.00	-12.64	average
3	2541.9752	56.07	74.00	-17.93	peak
	2541.9752	47.27	54.00	-6.73	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

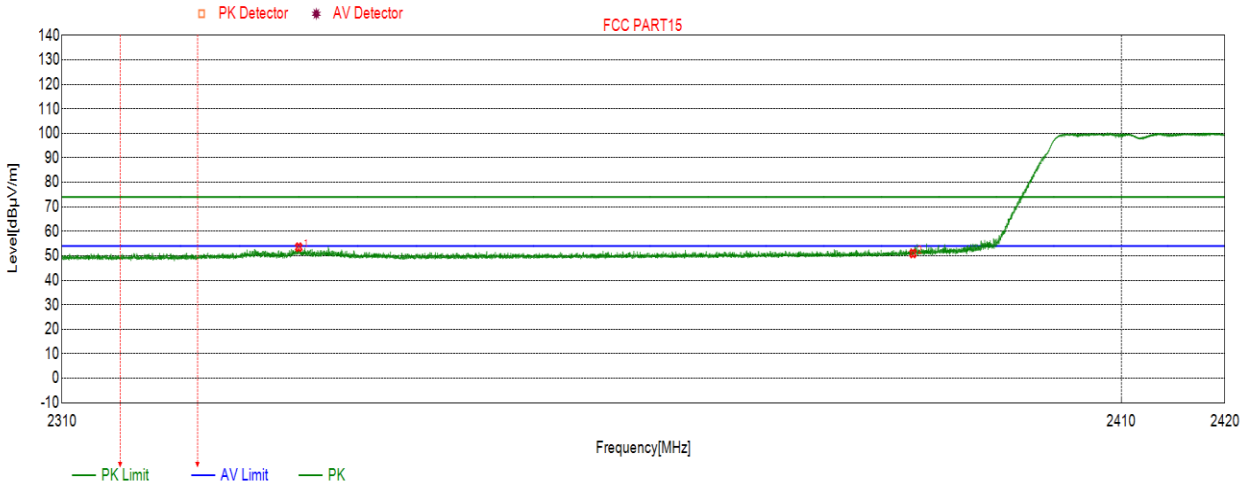
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	53.32	74.00	-20.68	peak
	2483.500	53.32	54.00	-0.68	average
2	2490.7721	53.77	74.00	-20.23	peak
	2490.7721	53.77	54.00	-0.23	average
3	2542.1532	53.98	74.00	-20.02	peak
	2542.1532	53.98	54.00	-0.02	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

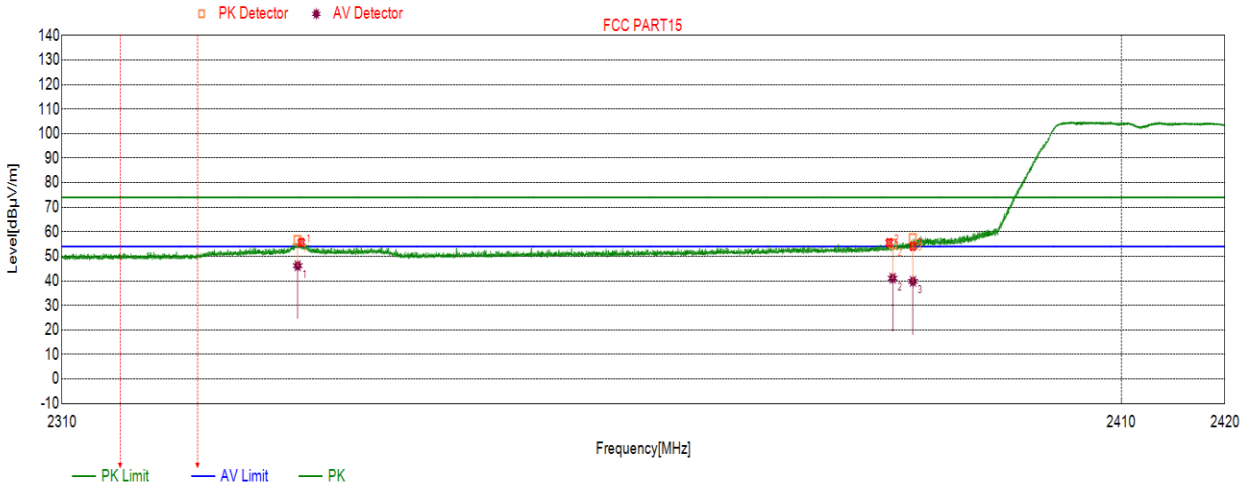
Test Mode	Channel	Polarization	Verdict
11N20SISO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2331.9912	53.50	74.00	-20.50	peak
	2331.9912	53.50	54.00	-0.50	average
2	2390.000	50.97	74.00	-23.03	peak
	2390.000	50.97	54.00	-3.03	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

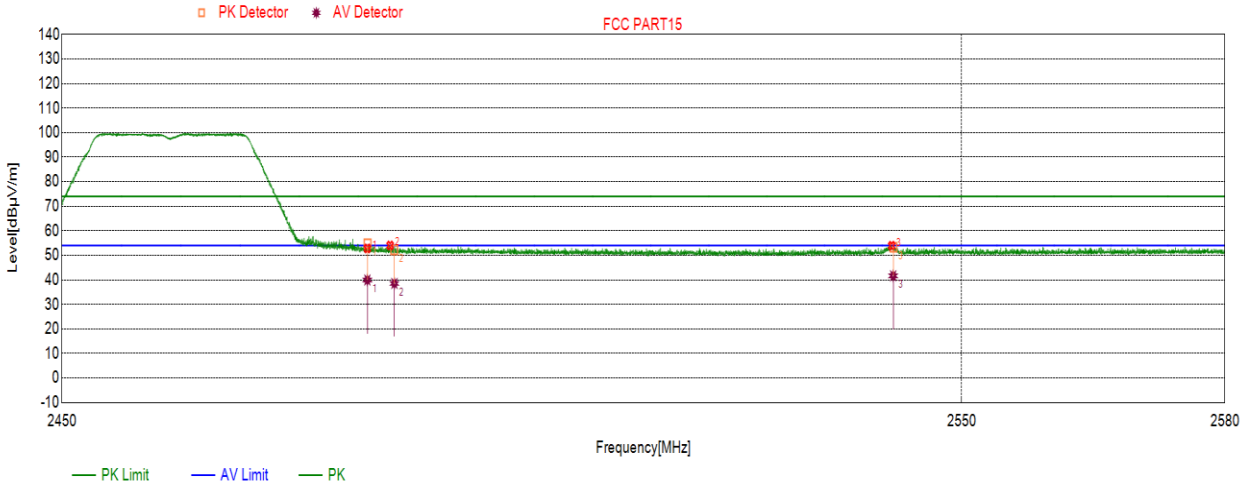
Test Mode	Channel	Polarization	Verdict
11N20SISO	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2331.8931	56.51	74.00	-17.49	peak
	2331.8931	46.17	54.00	-7.83	average
2	2388.0594	55.15	74.00	-18.85	peak
	2388.0594	41.09	54.00	-12.91	average
3	2390.0000	57.35	74.00	-16.65	peak
	2390.0000	39.81	54.00	-14.19	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

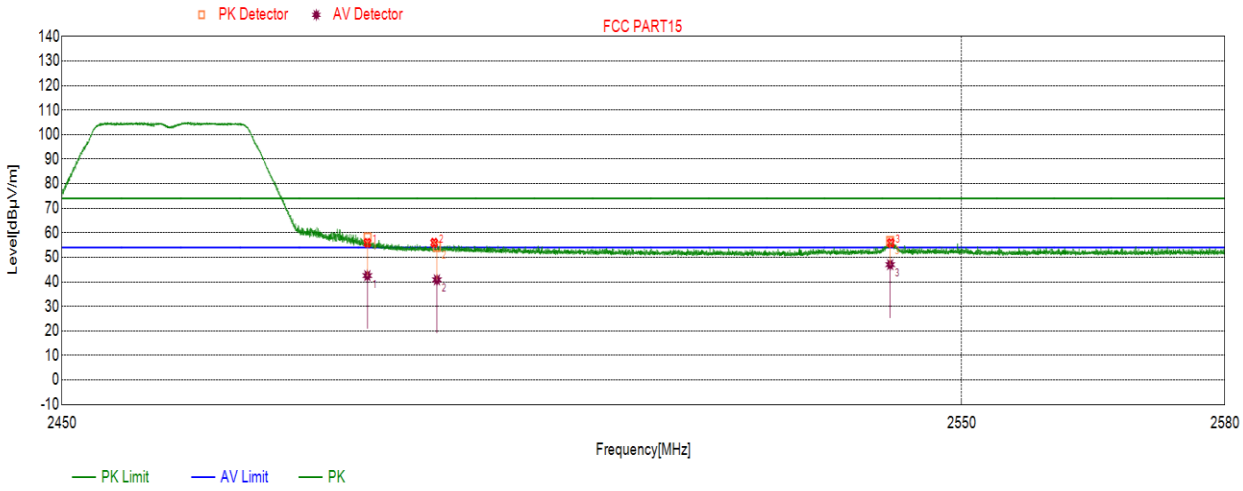
Test Mode	Channel	Polarization	Verdict
11N20SISO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	54.72	74.00	-19.28	peak
	2483.5000	39.95	54.00	-14.05	average
2	2486.4868	52.22	74.00	-21.78	peak
	2486.4868	38.54	54.00	-15.46	average
3	2542.2445	53.28	74.00	-20.72	peak
	2542.2445	41.66	54.00	-12.34	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

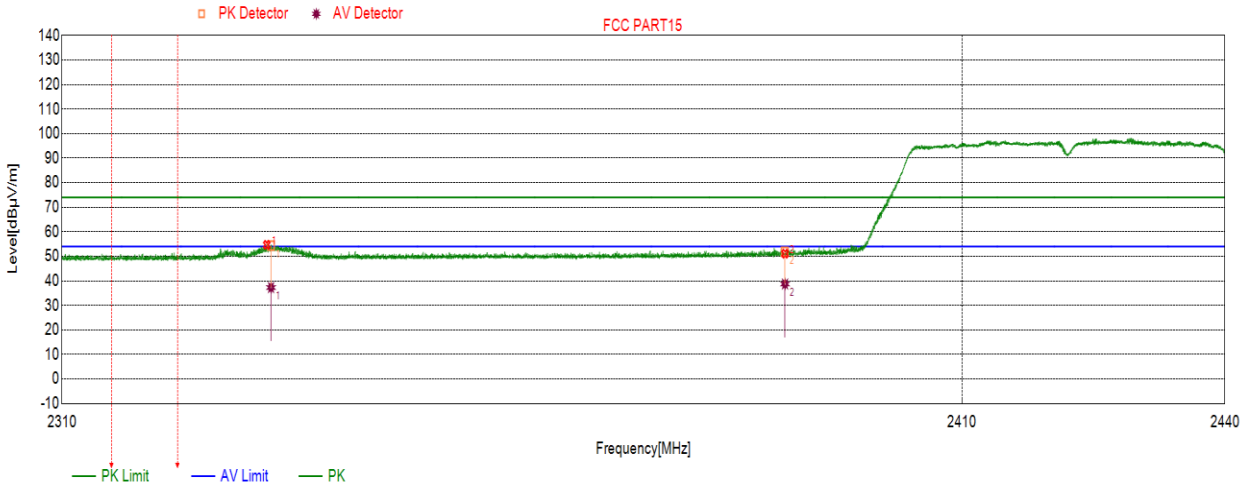
Test Mode	Channel	Polarization	Verdict
11N20SISO	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	58.06	74.00	-15.94	peak
	2483.5000	42.54	54.00	-11.46	average
2	2491.1930	54.38	74.00	-19.62	peak
	2491.1930	40.84	54.00	-13.16	average
3	2541.9075	56.39	74.00	-17.61	peak
	2541.9075	47.03	54.00	-6.97	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

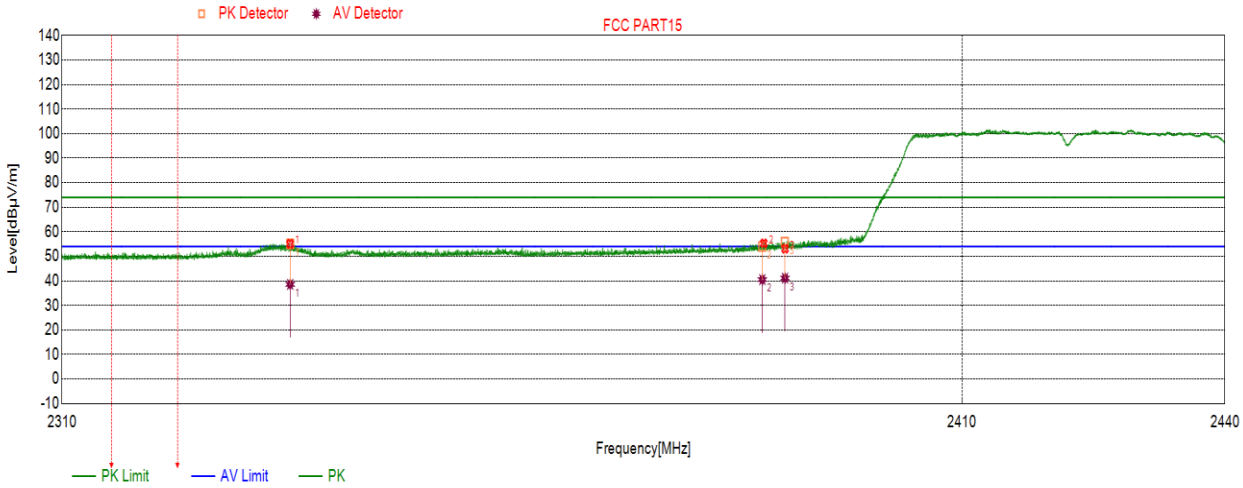
Test Mode	Channel	Polarization	Verdict
11N40SISO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.8600	54.27	74.00	-19.73	peak
	2332.8600	37.29	54.00	-16.71	average
2	2390.0000	51.80	74.00	-22.20	peak
	2390.0000	38.72	54.00	-15.28	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

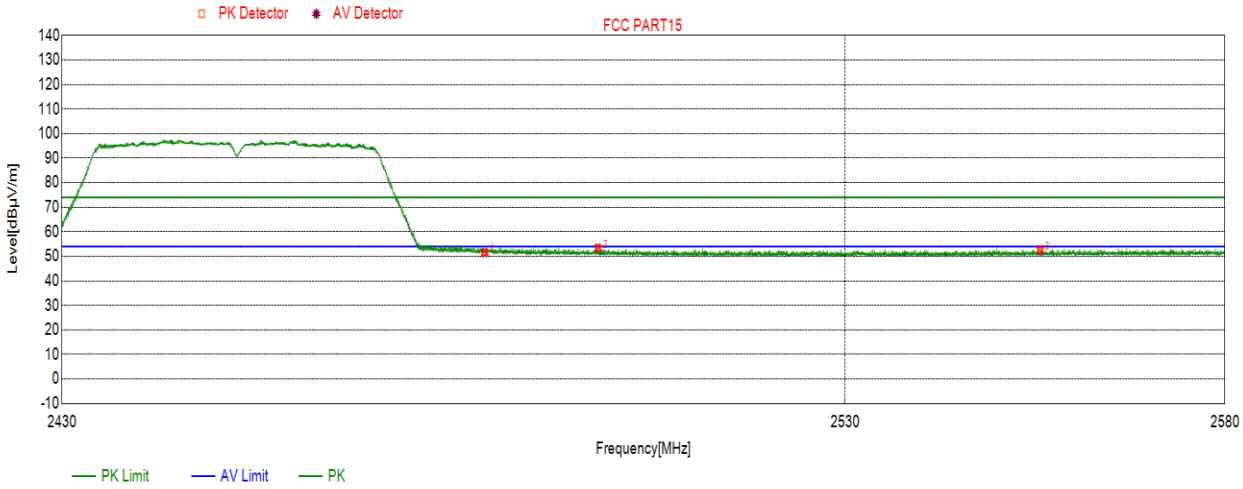
Test Mode	Channel	Polarization	Verdict
11N40SISO	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2334.9640	55.03	74.00	-18.97	peak
	2334.9640	38.57	54.00	-15.43	average
2	2387.4485	53.93	74.00	-20.07	peak
	2387.4485	40.52	54.00	-13.48	average
3	2390.0000	55.73	74.00	-18.27	peak
	2390.0000	41.12	54.00	-12.88	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

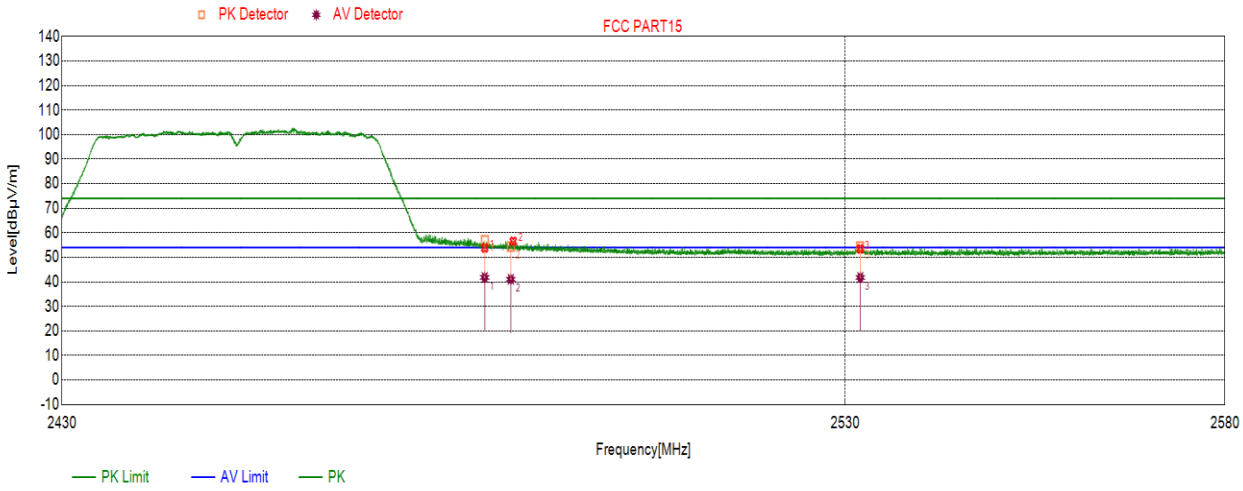
Test Mode	Channel	Polarization	Verdict
11N40SISO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	51.53	74.00	-22.47	peak
	2483.500	51.53	54.00	-2.47	average
2	2498.0318	53.30	74.00	-20.70	peak
	2498.0318	53.30	54.00	-0.70	average
3	2555.5776	52.64	74.00	-21.36	peak
	2555.5776	52.64	54.00	-1.36	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

Test Mode	Channel	Polarization	Verdict
11N40SISO	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	56.90	74.00	-17.10	peak
	2483.5000	41.82	54.00	-12.18	average
2	2486.8446	54.44	74.00	-19.56	peak
	2486.8446	41.05	54.00	-12.95	average
3	2532.0203	54.34	74.00	-19.66	peak
	2532.0203	41.79	54.00	-12.21	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. For average power measurement, set the VBW to Minimum VBW=10 Hz.

6.6.3. SPURIOUS EMISSIONS

Test Result Table:

1) For 9KHz-30MHz (worst case)

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1	HCH	<Limit	PASS

Remark: Pre-testing all test modes channels, but only the data of worse case is included in this test report.

2) For 30MHz-1GHz (worst case)

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1	HCH	<Limit	PASS

Remark: Pre-testing all test modes channels, but only the data of worse case is included in this test report.

3) For 1GHz-18GHz

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11G	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N20SISO	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N40SISO	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS

4) For 18GHz-26.5GHz

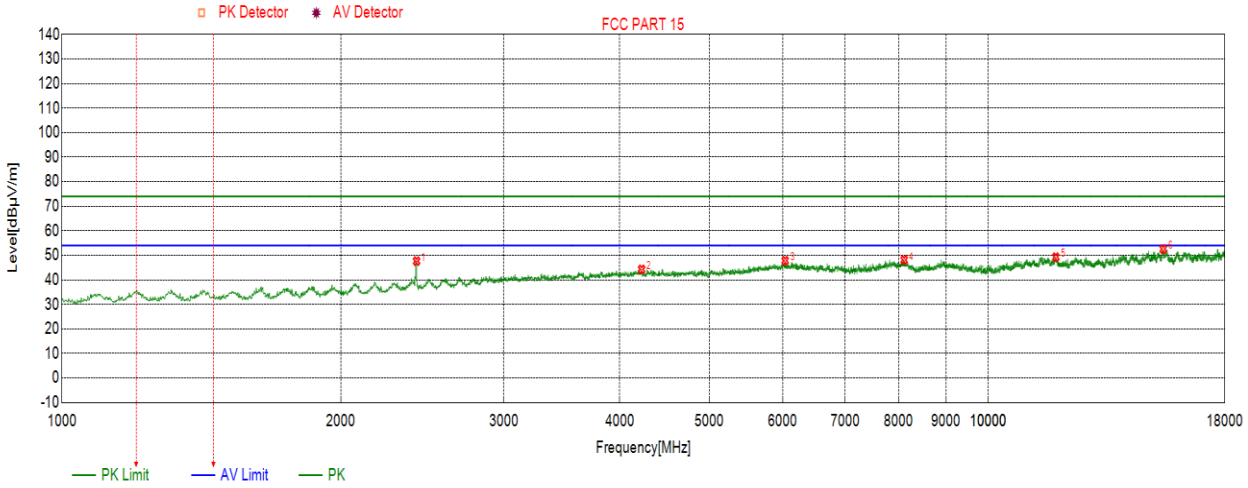
Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1	HCH	<Limit	PASS

Remark: Pre-testing all test modes channels, but only the data of worse case is included in this test report.

Part I: 1GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

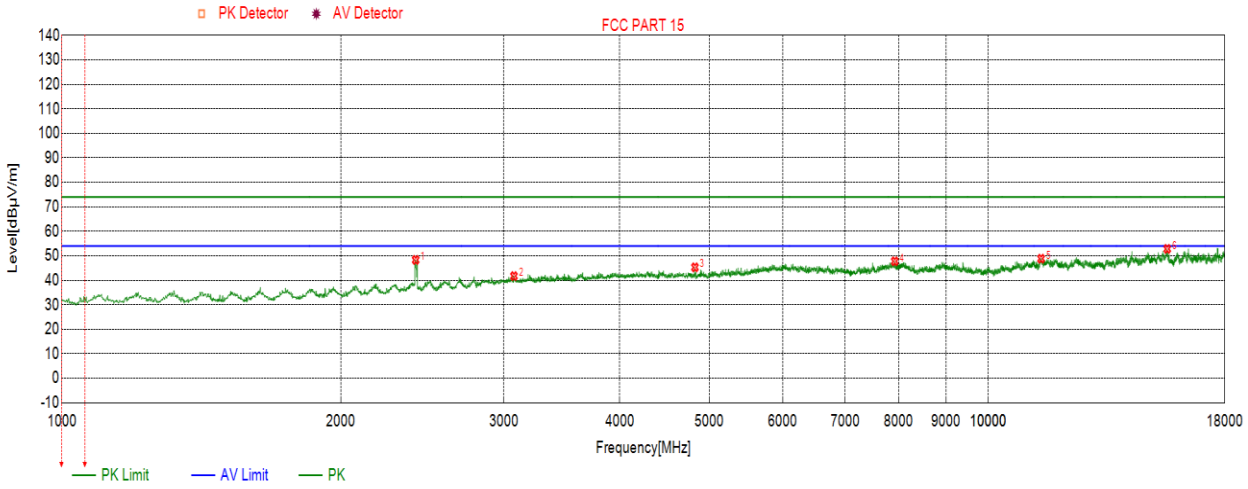
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2414.5415	47.63	74.00	-26.37	54.00	-6.37	peak
2	4225.2225	44.27	74.00	-29.73	54.00	-9.73	peak
3	6035.9036	47.81	74.00	-26.19	54.00	-6.19	peak
4	8113.5114	48.14	74.00	-25.86	54.00	-5.86	peak
5	11826.6827	49.25	74.00	-24.75	54.00	-4.75	peak
6	15446.3446	52.53	74.00	-21.47	54.00	-1.47	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

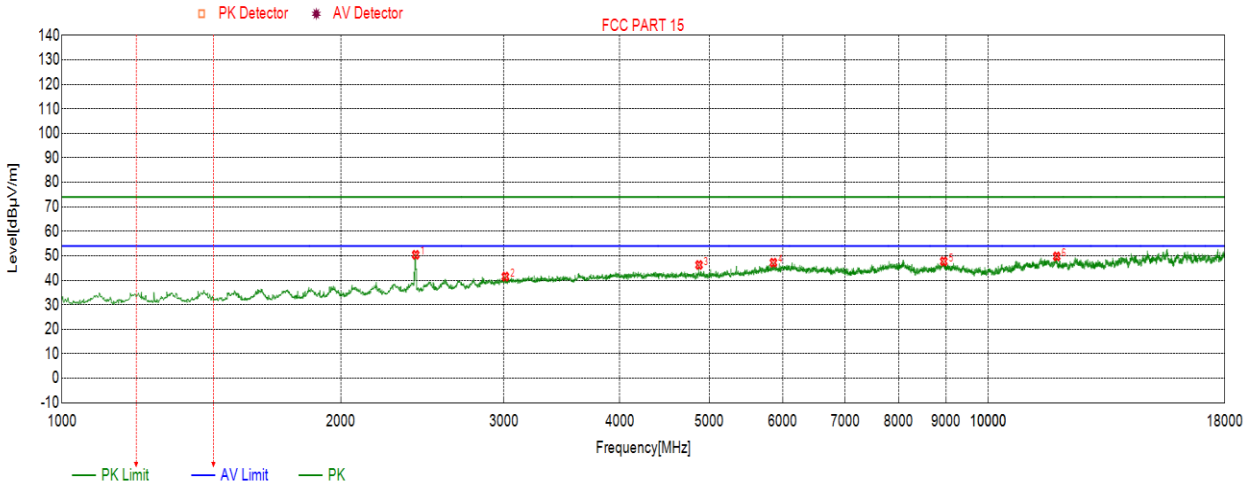
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2409.4409	48.32	74.00	-25.68	54.00	-5.68	peak
2	3075.9076	41.72	74.00	-32.28	54.00	-2.28	peak
3	4823.6824	45.30	74.00	-28.70	54.00	-8.70	peak
4	7926.4926	47.76	74.00	-26.24	54.00	-6.24	peak
5	11403.3403	48.83	74.00	-25.17	54.00	-5.17	peak
6	15602.7603	52.82	74.00	-21.18	54.00	-1.18	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (Peak) (dBuV/m)	Margin (Peak) (dB)	Limit (Ave) (dBuV/m)	Margin (Ave) (dB)	Remark
1	2409.4409	50.41	74.00	-23.59	54.00	-3.59	peak
2	3011.3011	41.51	74.00	-32.49	54.00	-12.49	peak
3	4872.9873	46.27	74.00	-27.73	54.00	-7.73	peak
4	5862.4862	47.20	74.00	-26.80	54.00	-6.80	peak
5	8953.3953	47.73	74.00	-26.27	54.00	-6.27	peak
6	11853.8854	49.76	74.00	-24.24	54.00	-4.24	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.