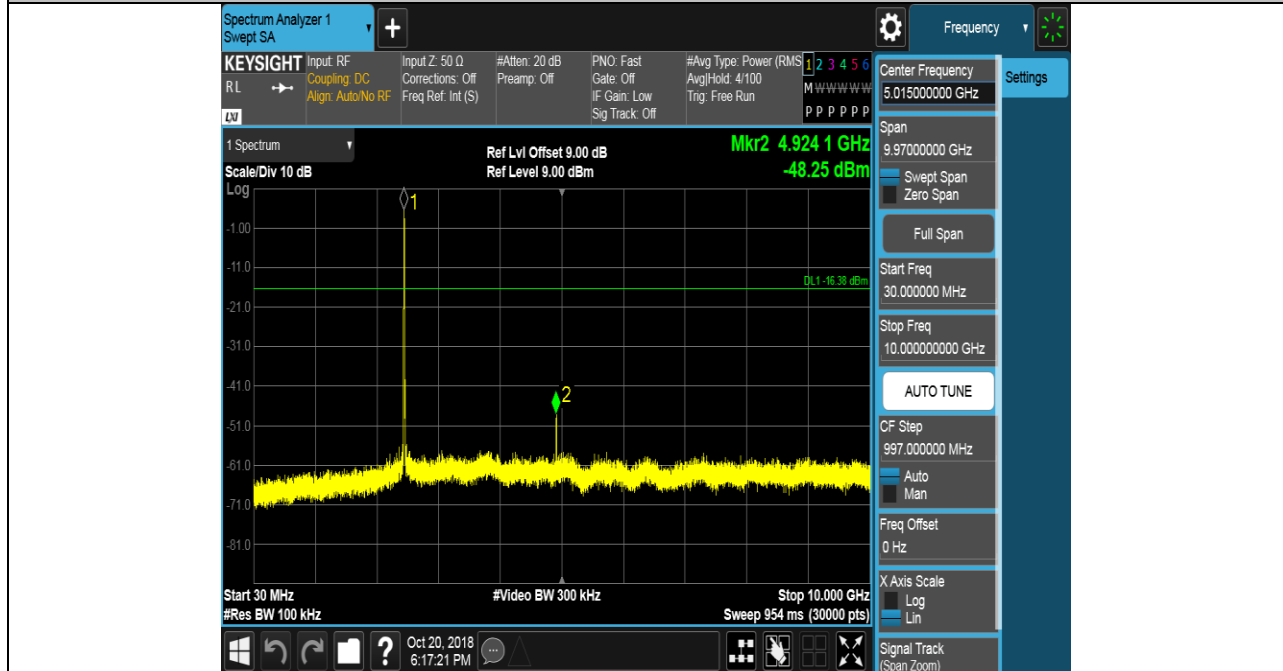


HCH SPURIOUS EMISSION_30MHz~10GHz

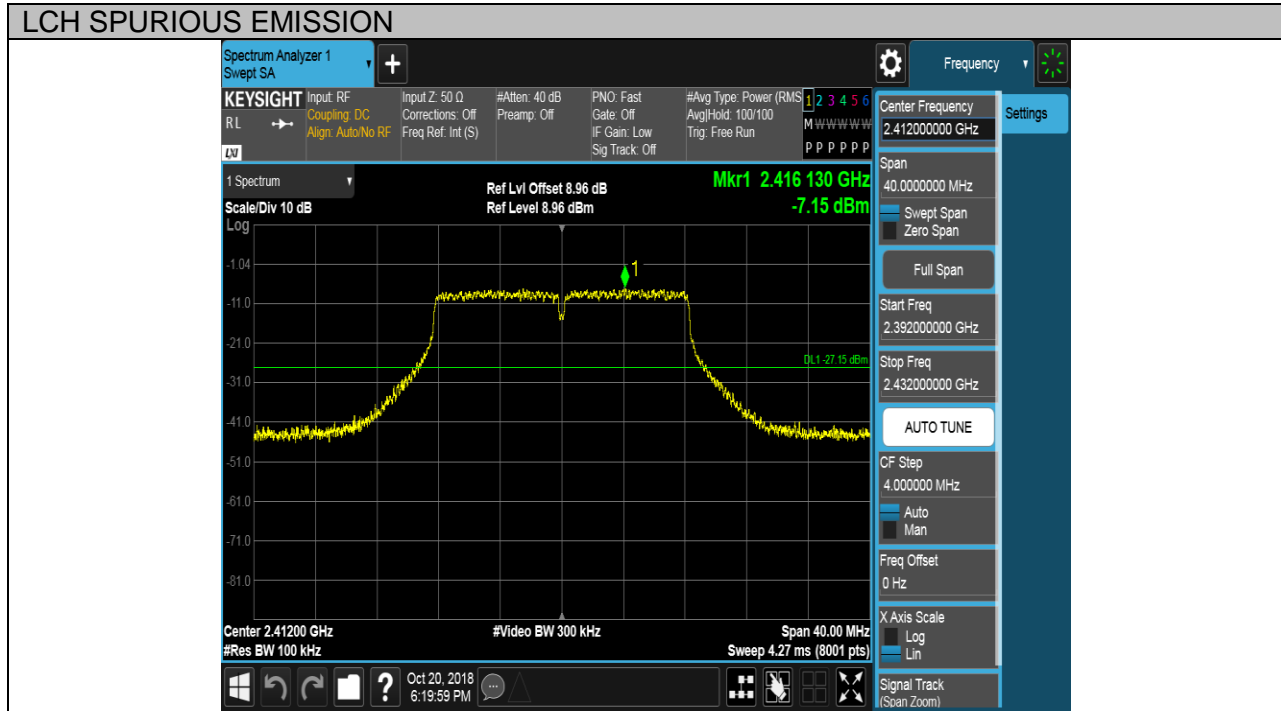


HCH SPURIOUS EMISSION_10GHz~26GHz

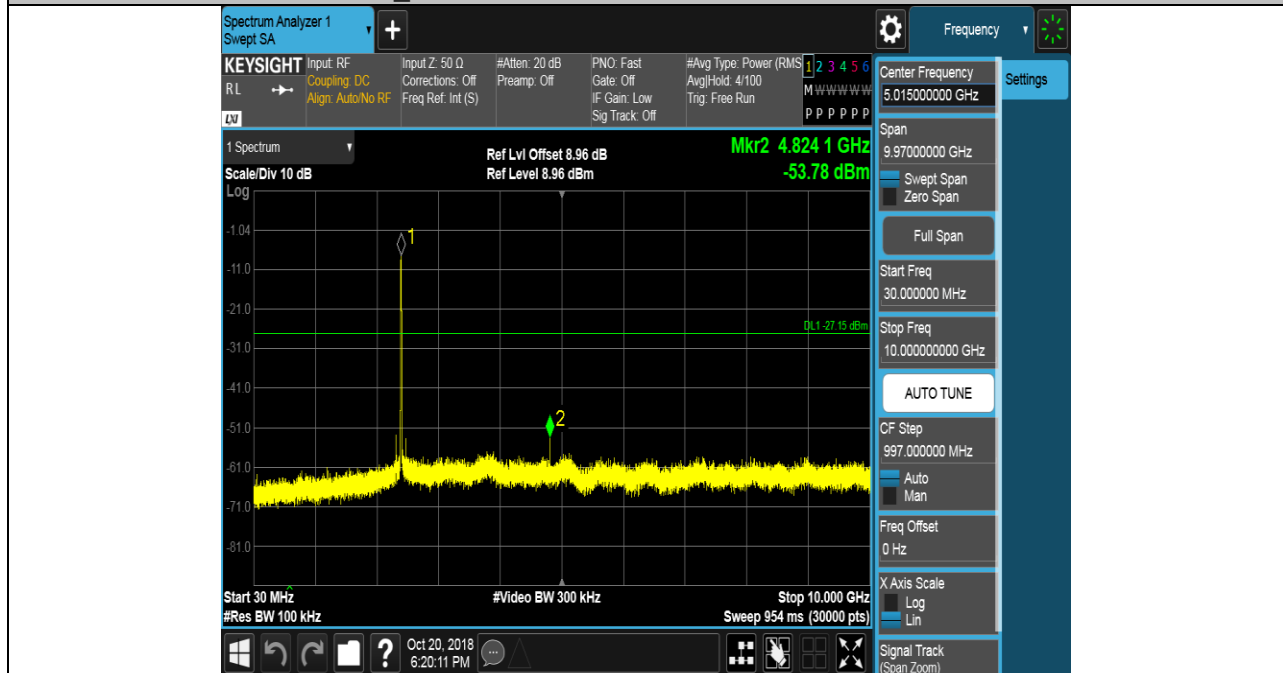


Test Mode	Channel	Verdict
11G SISO	LCH	PASS

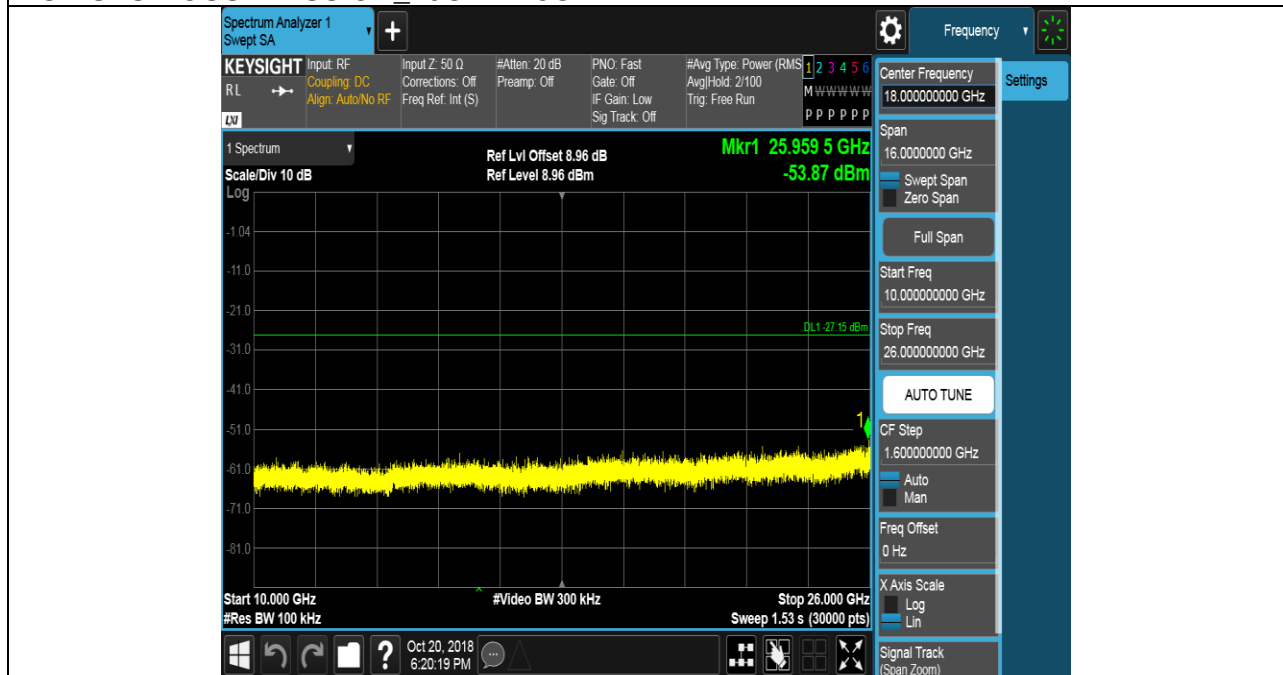
Pref test Plot



LCH SPURIOUS EMISSION_30MHz~10GHz

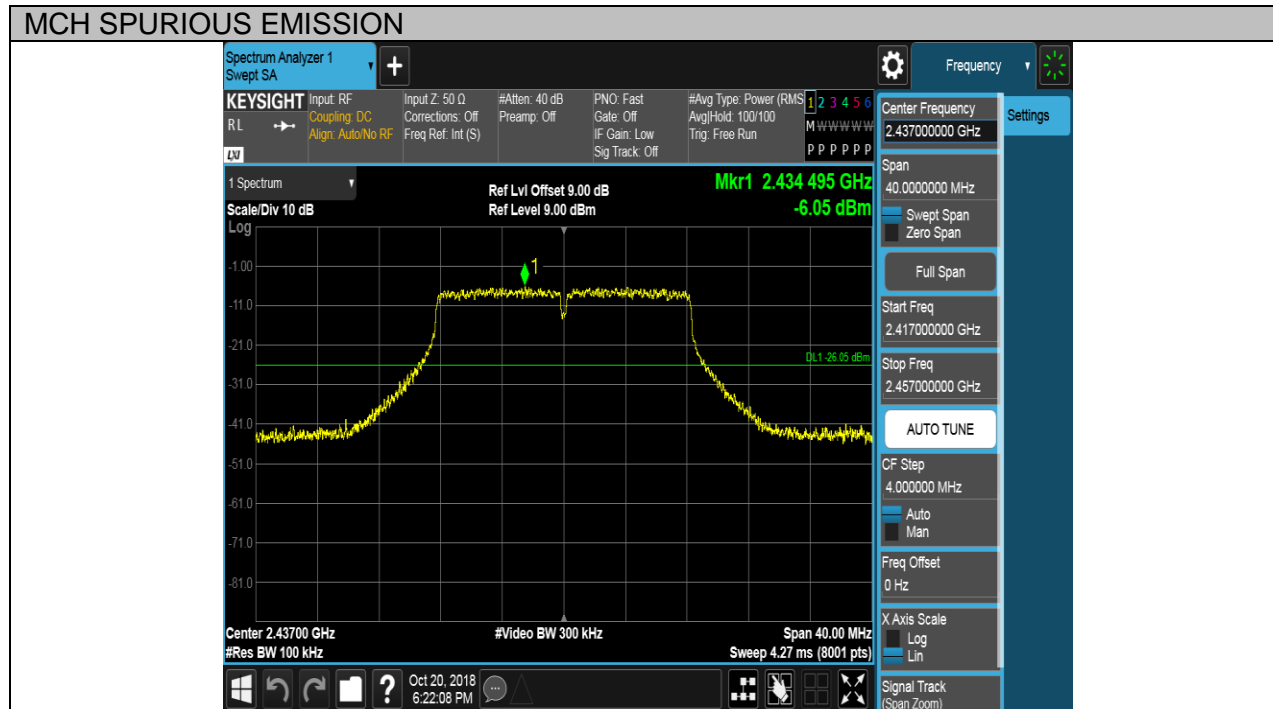


LCH SPURIOUS EMISSION_10GHz~26GHz

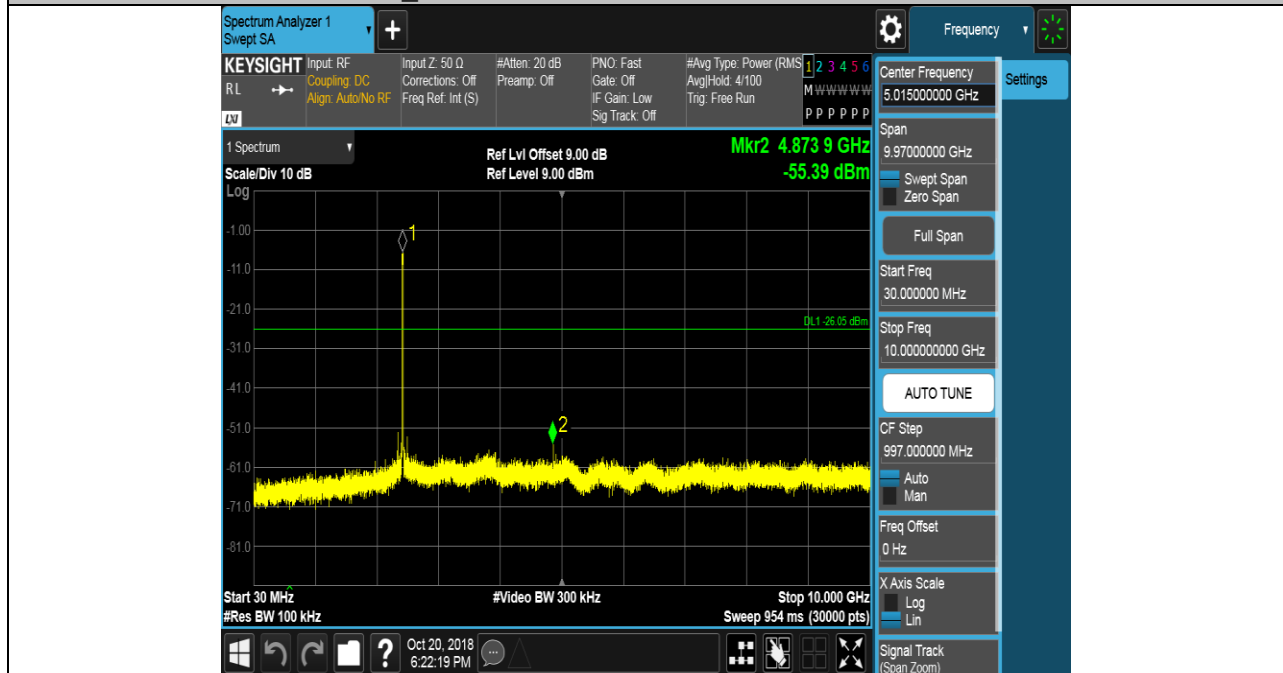


Test Mode	Channel	Verdict
11G SISO	MCH	PASS

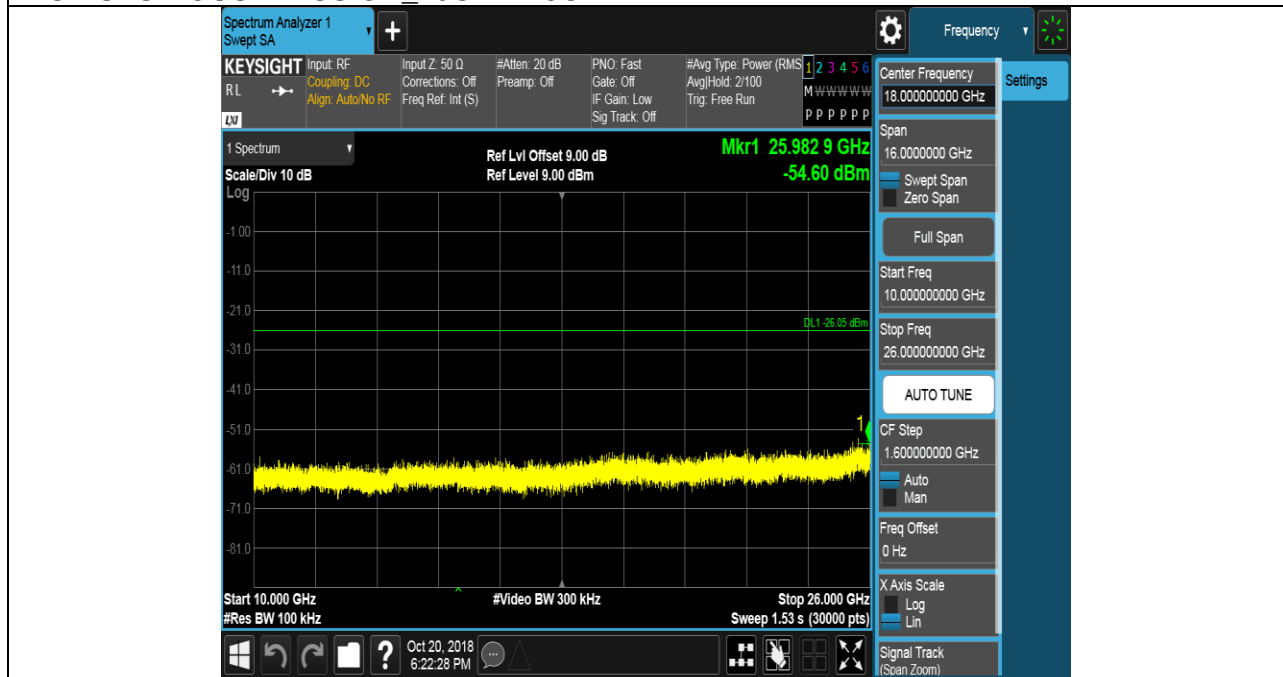
Pref test Plot



MCH SPURIOUS EMISSION_30MHz~10GHz

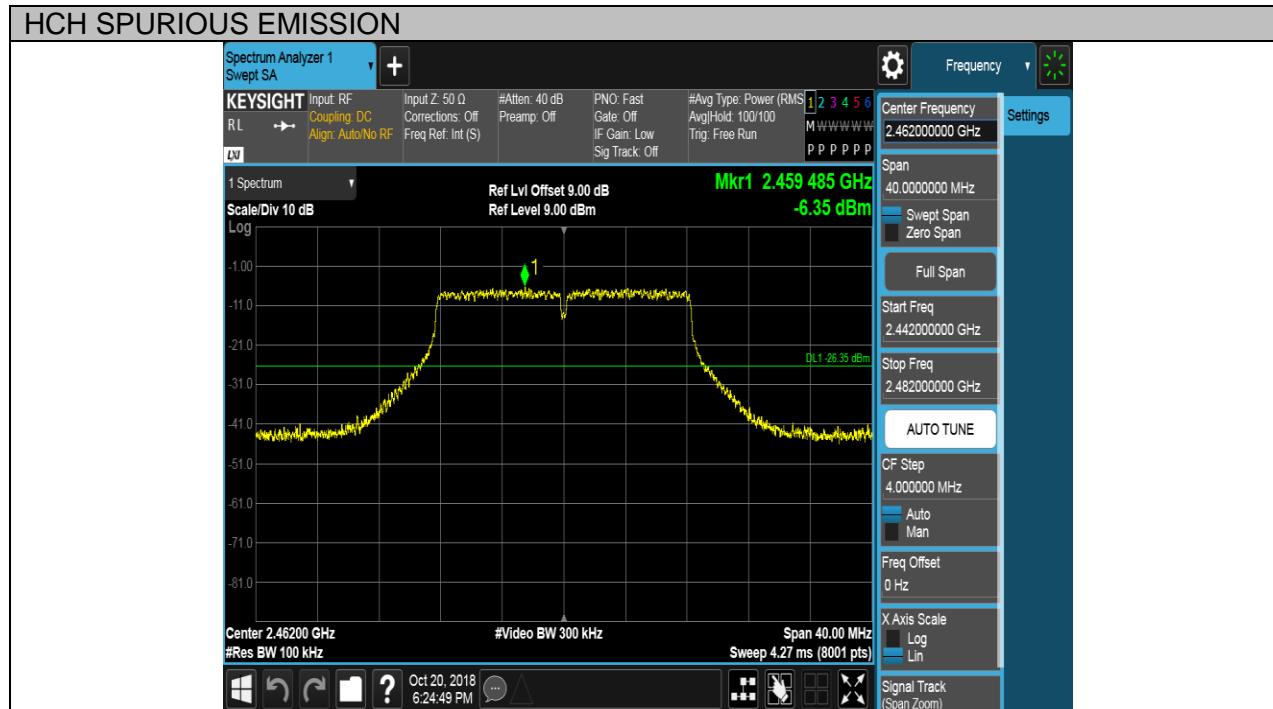


MCH SPURIOUS EMISSION_10GHz~26GHz

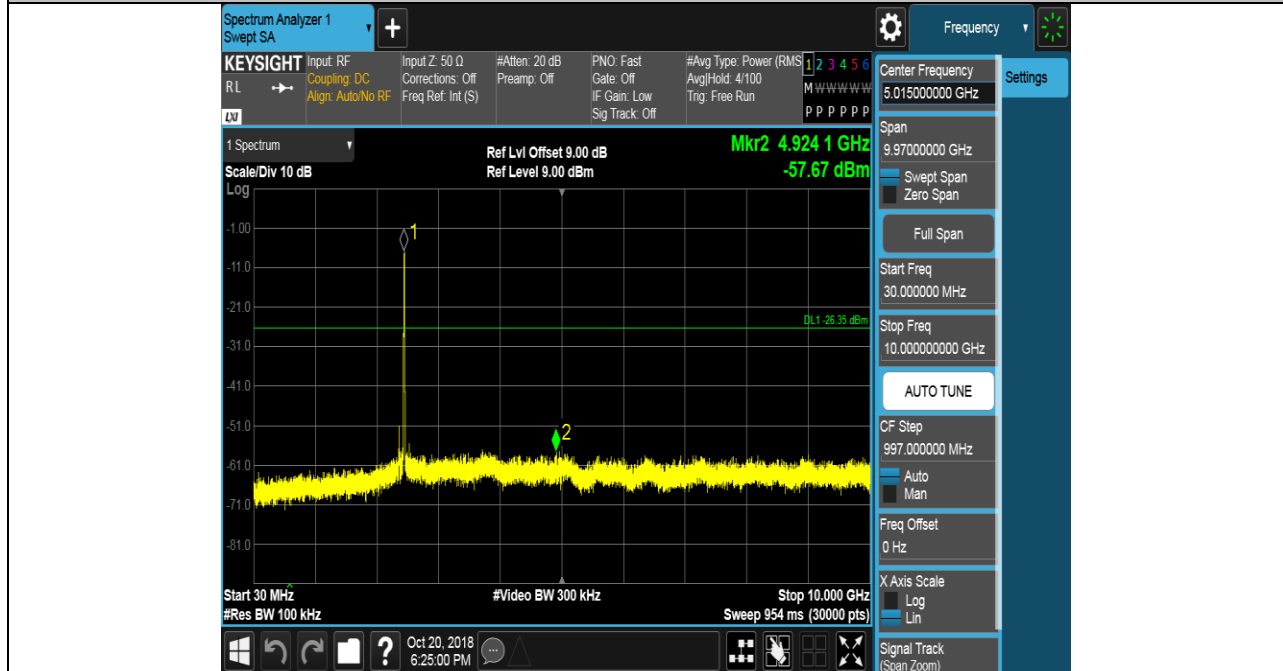


Test Mode	Channel	Verdict
11G SISO	HCH	PASS

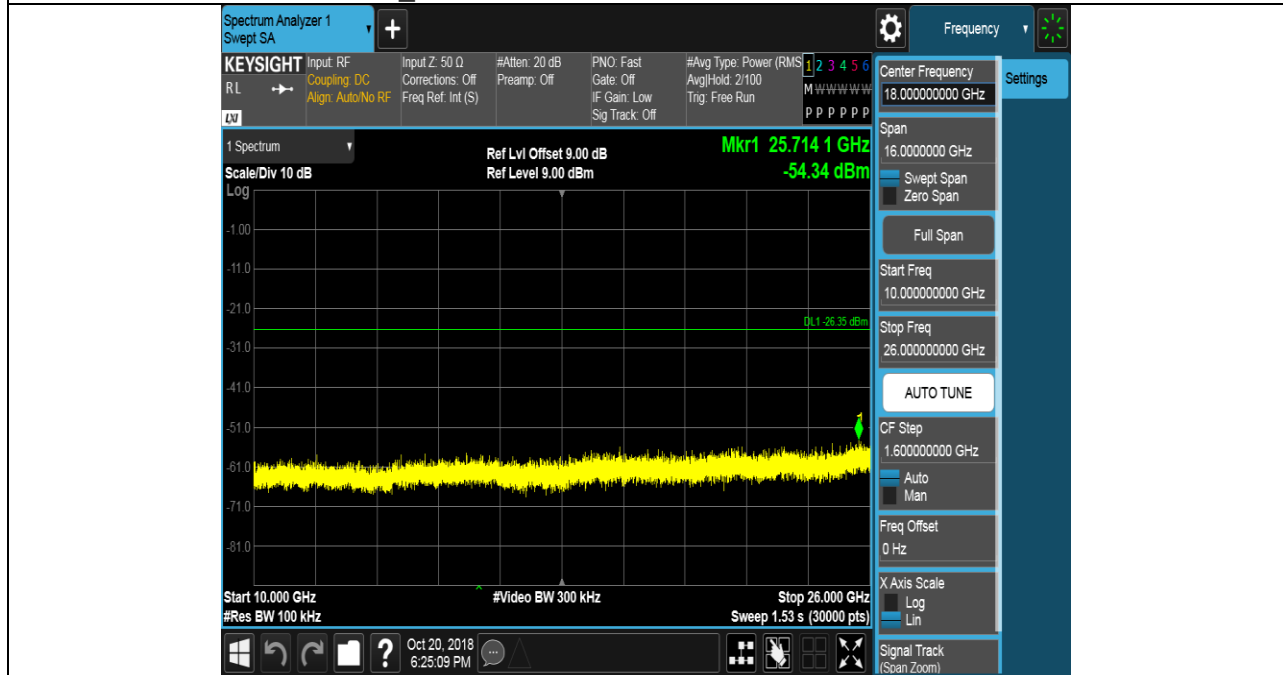
Pref test Plot



HCH SPURIOUS EMISSION_30MHz~10GHz

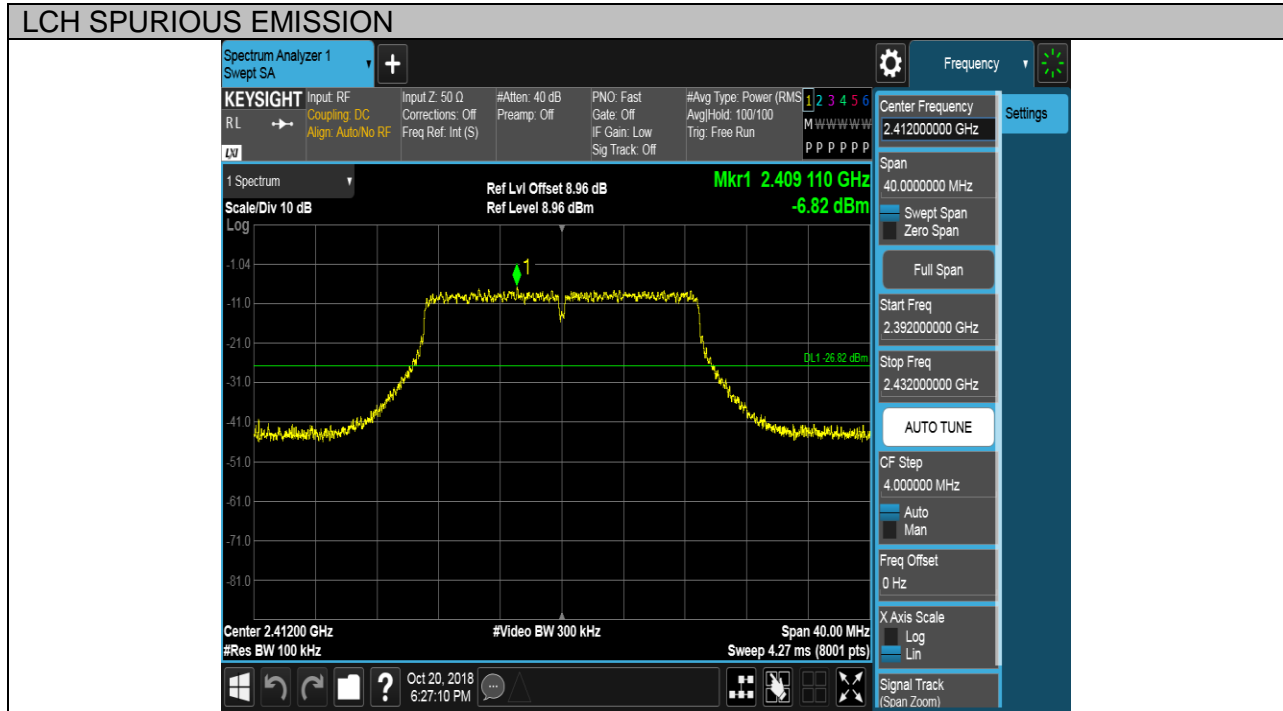


HCH SPURIOUS EMISSION_10GHz~26GHz

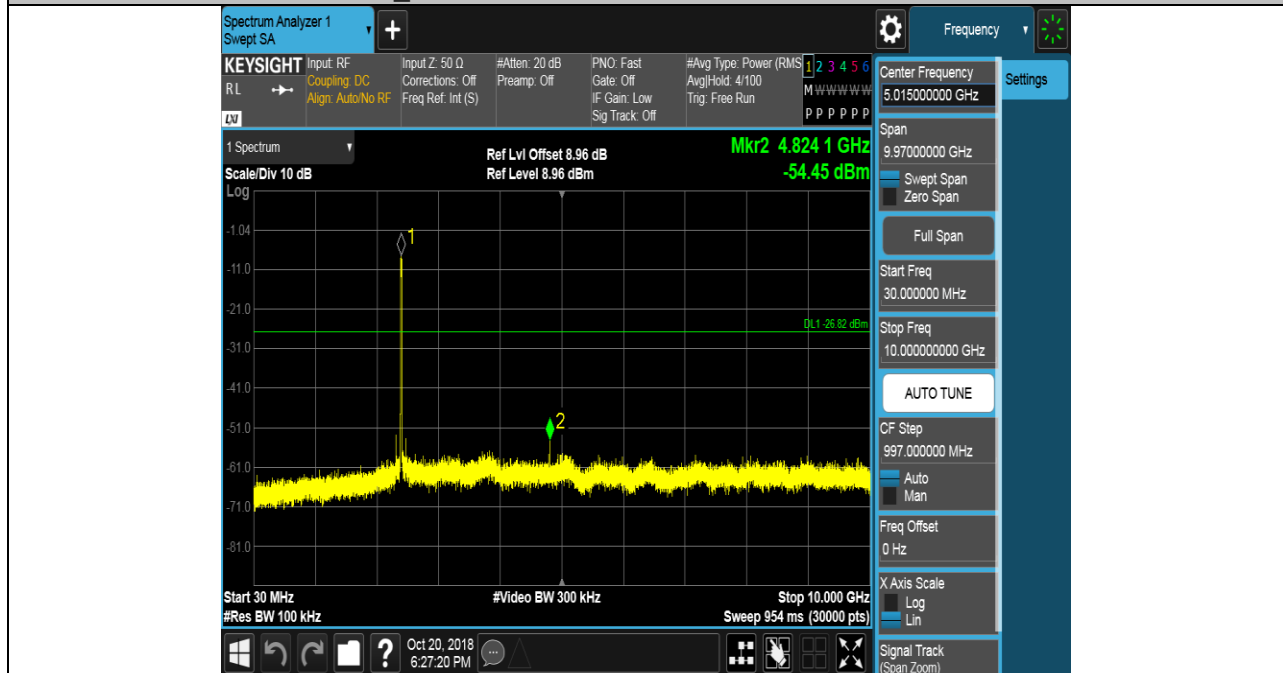


Test Mode	Channel	Verdict
11N20SISO	LCH	PASS

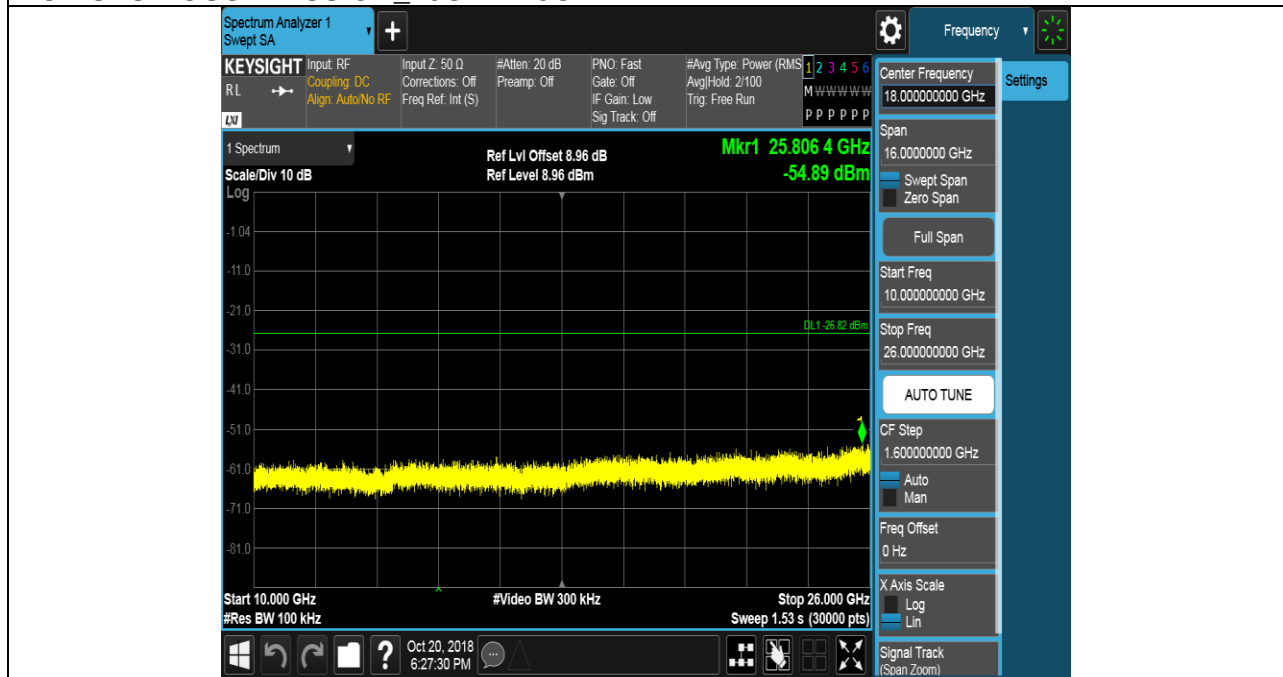
Pref test Plot



LCH SPURIOUS EMISSION_30MHz~10GHz

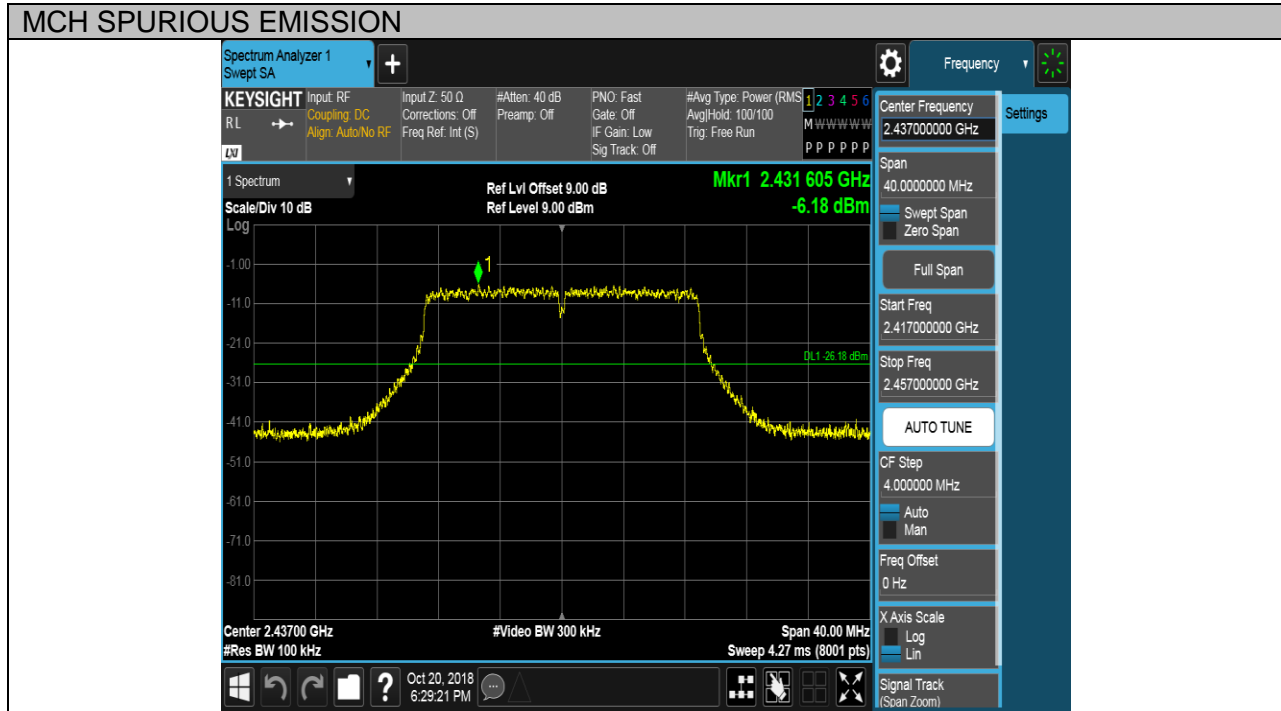


LCH SPURIOUS EMISSION_10GHz~26GHz

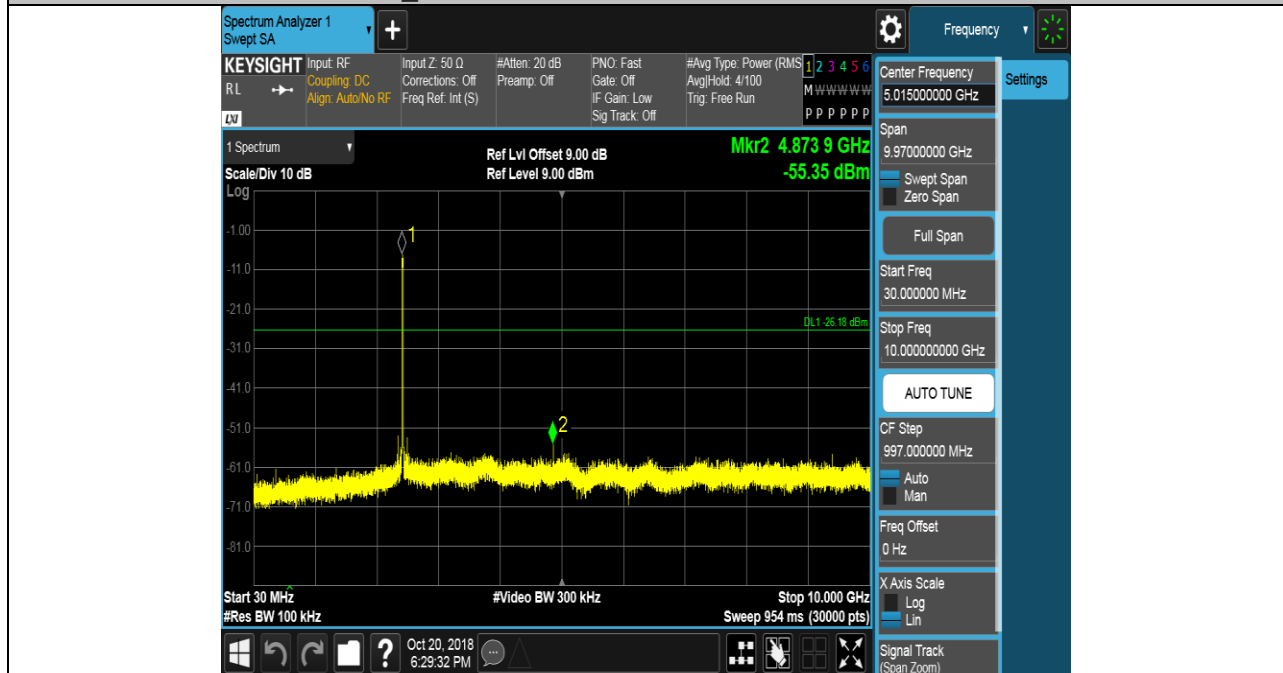


Test Mode	Channel	Verdict
11N20SISO	MCH	PASS

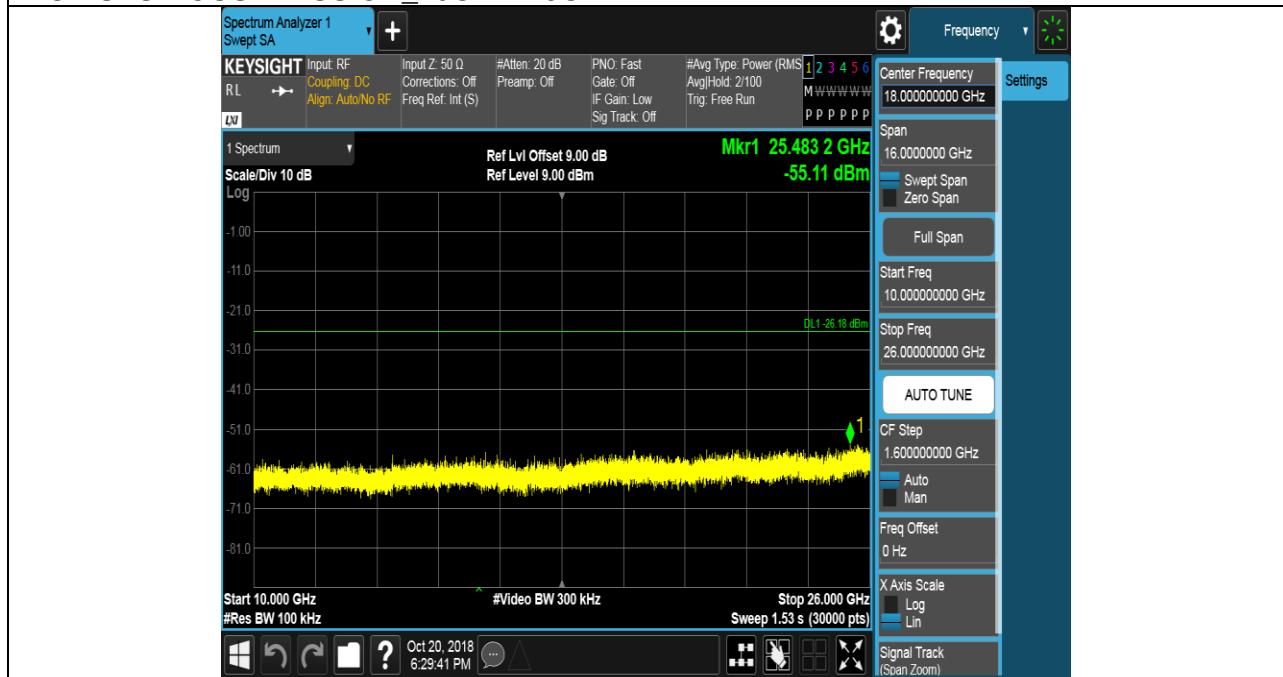
Pref test Plot



MCH SPURIOUS EMISSION_30MHz~10GHz

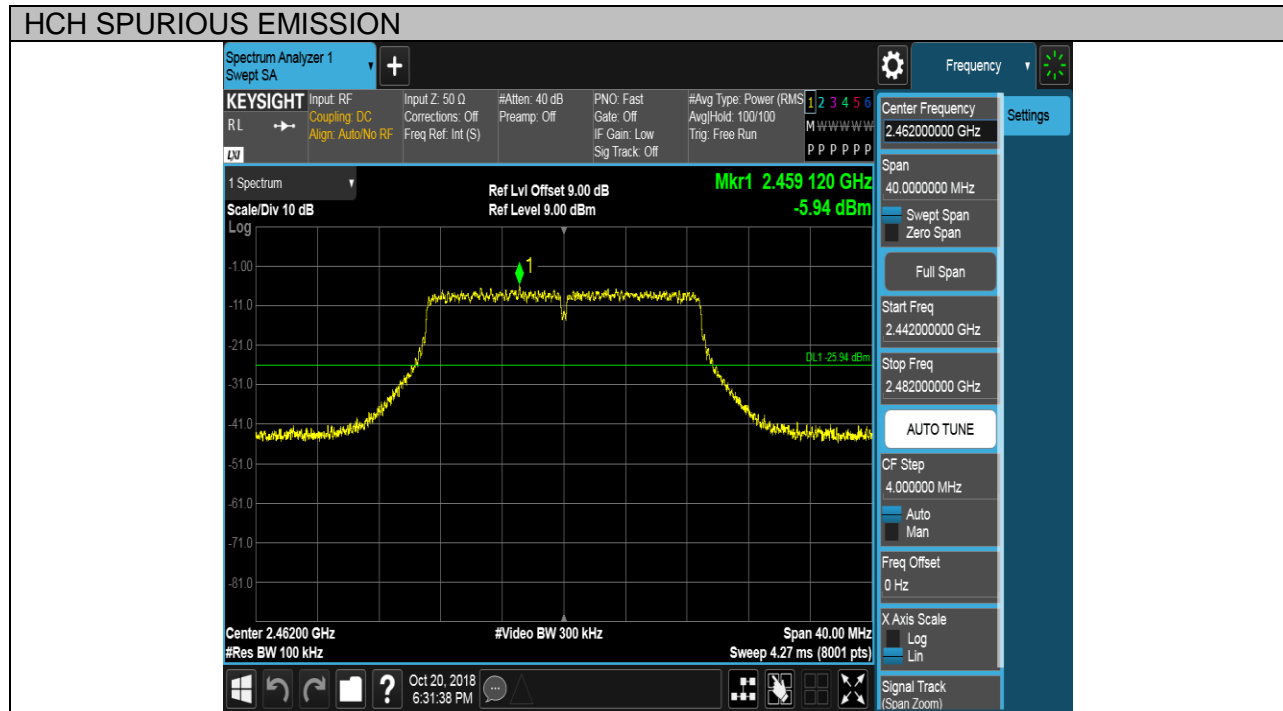


MCH SPURIOUS EMISSION_10GHz~26GHz

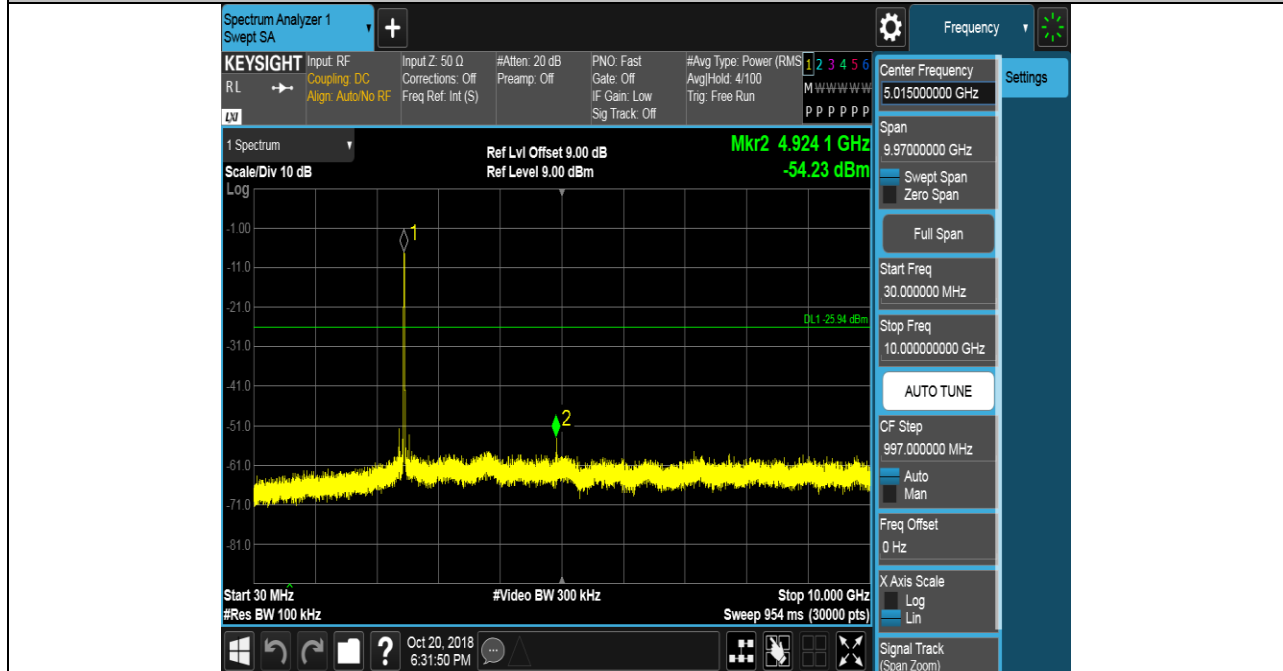


Test Mode	Channel	Verdict
11N20SISO	HCH	PASS

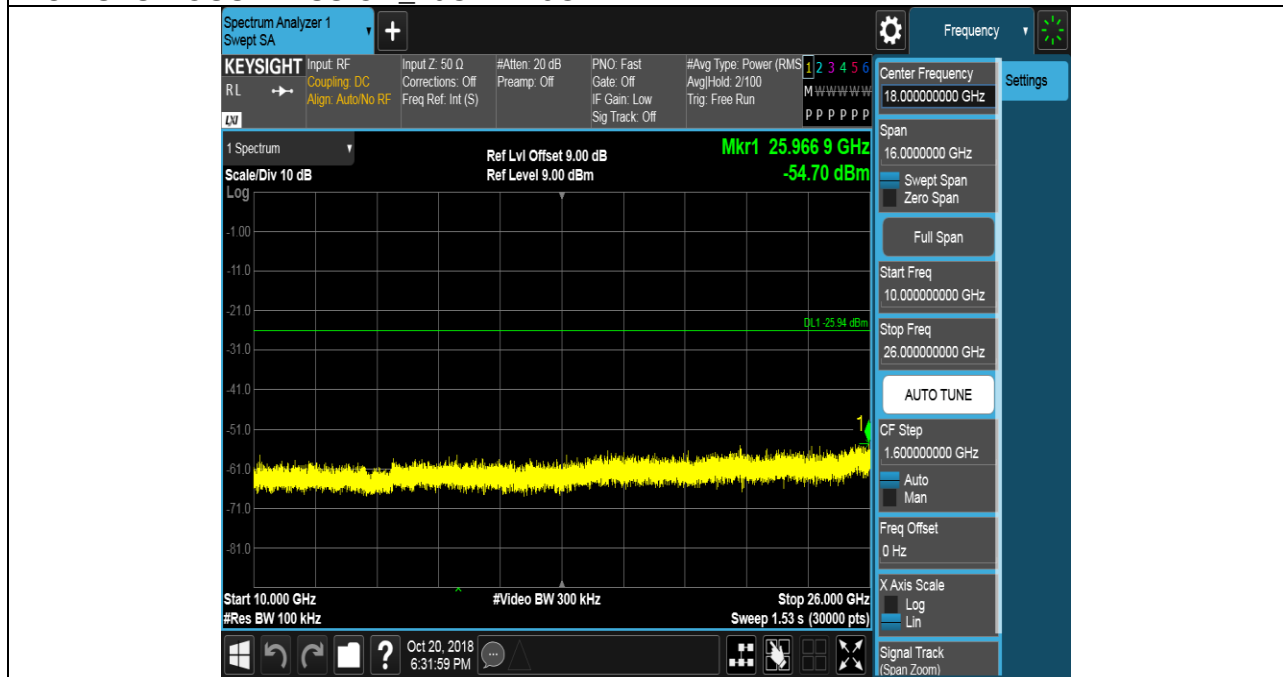
Pref test Plot



HCH SPURIOUS EMISSION_30MHz~10GHz



HCH SPURIOUS EMISSION_10GHz~26GHz

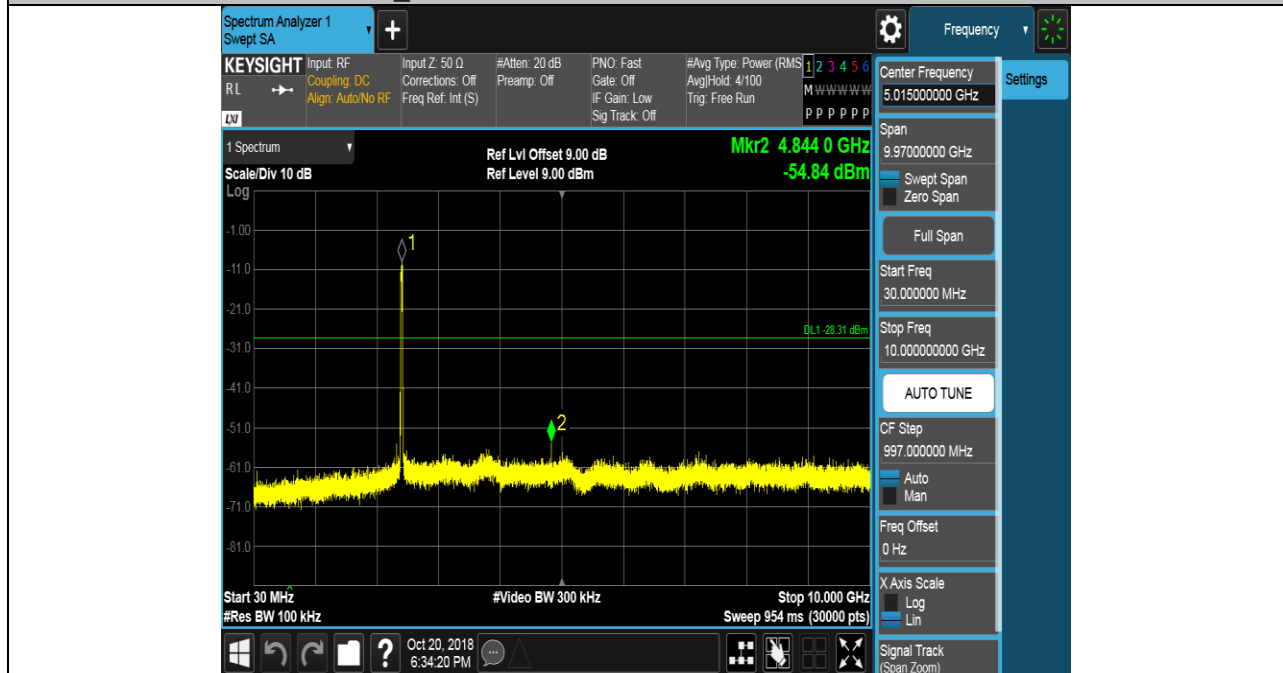


Test Mode	Channel	Verdict
11N40SISO	LCH	PASS

Pref test Plot



LCH SPURIOUS EMISSION_30MHz~10GHz



LCH SPURIOUS EMISSION_10GHz~26GHz

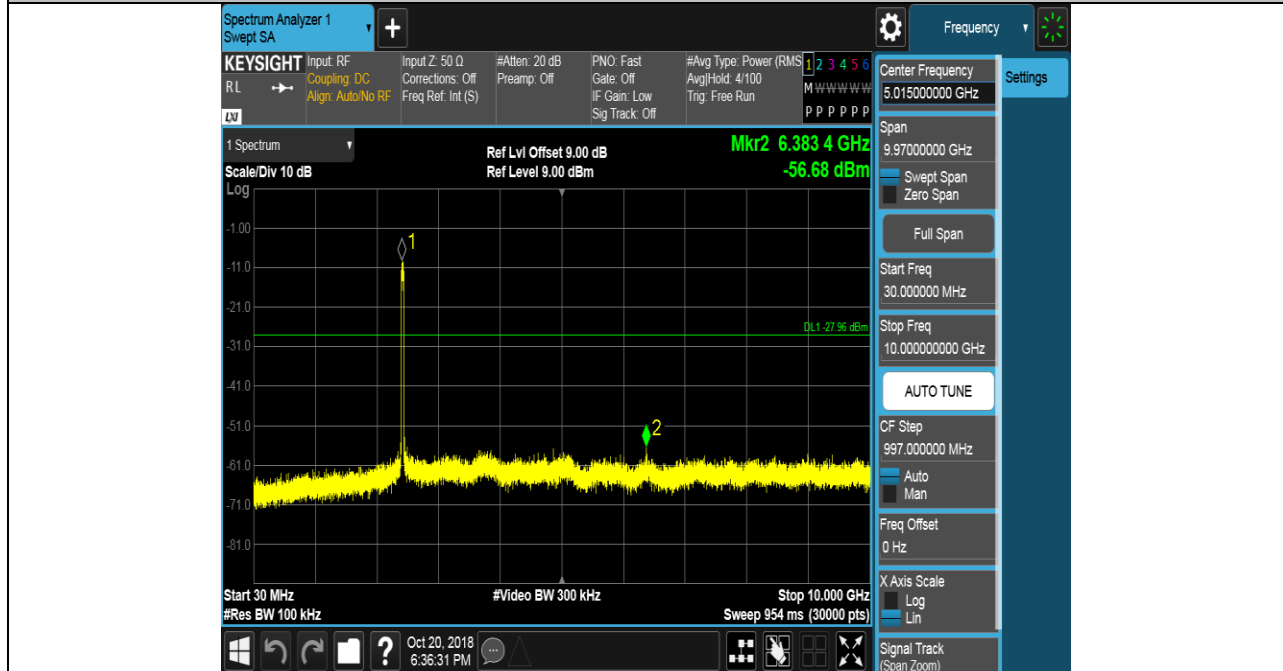


Test Mode	Channel	Verdict
11N40SISO	MCH	PASS

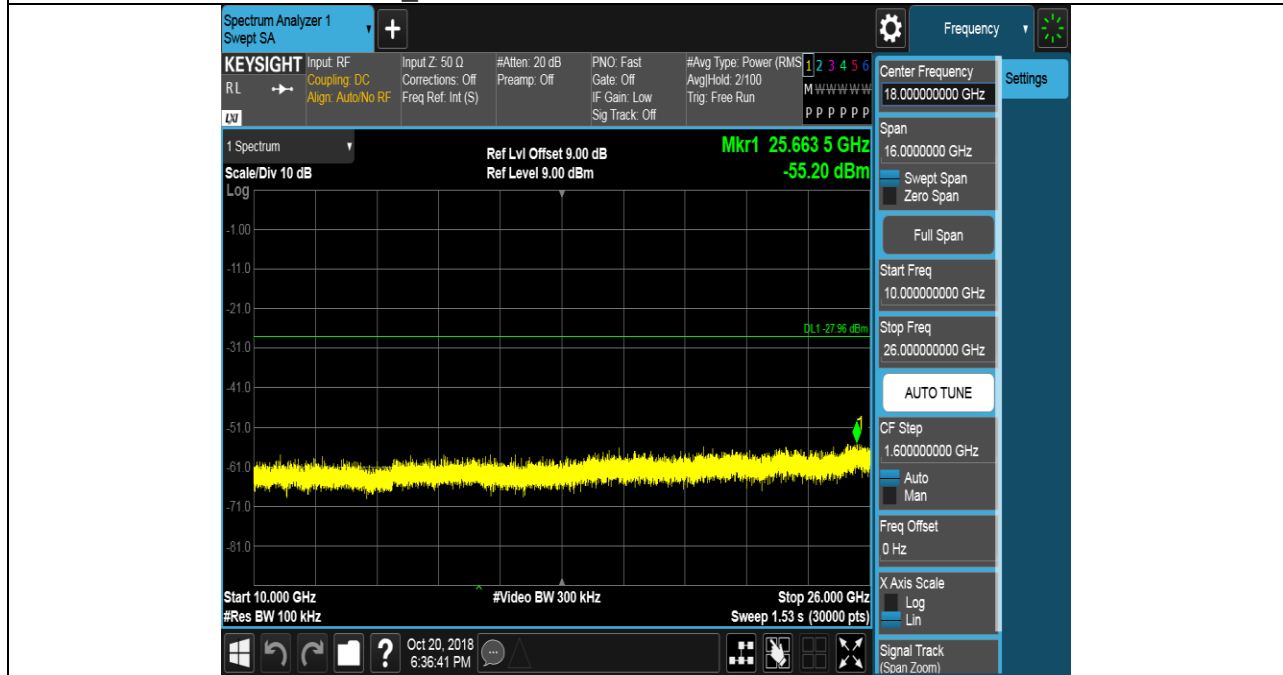
Pref test Plot



MCH SPURIOUS EMISSION_30MHz~10GHz

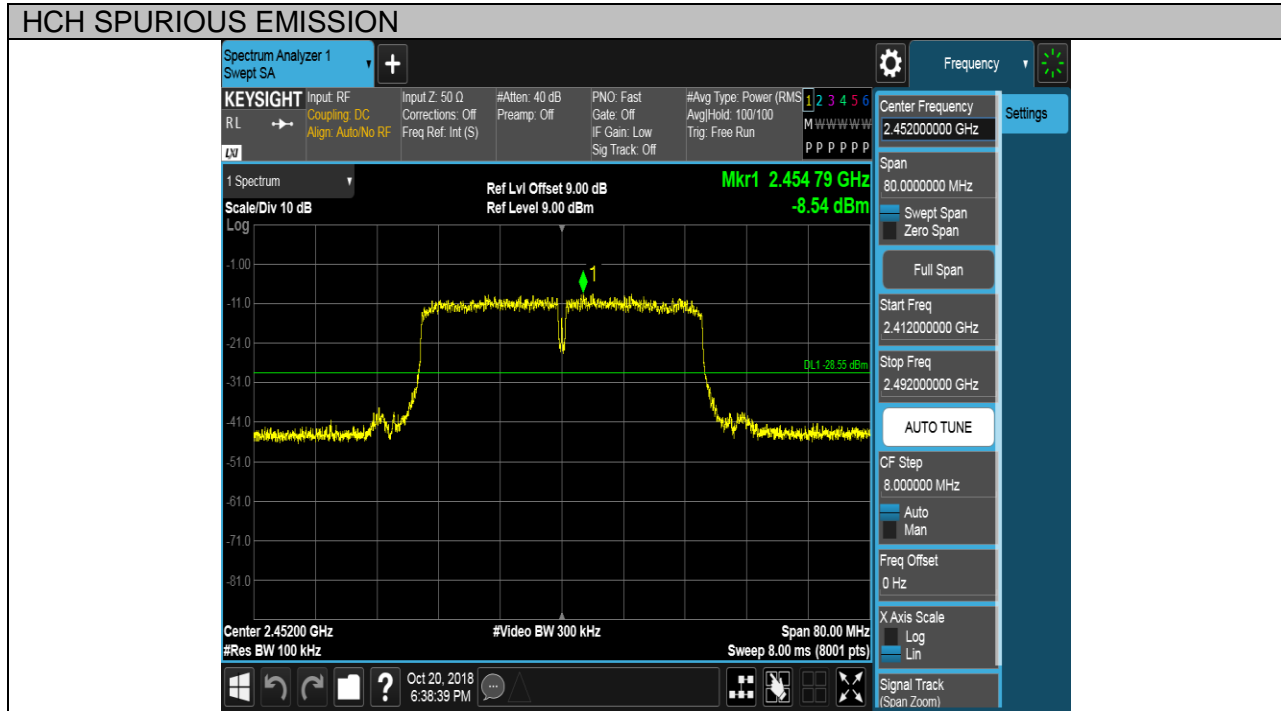


MCH SPURIOUS EMISSION_10GHz~26GHz

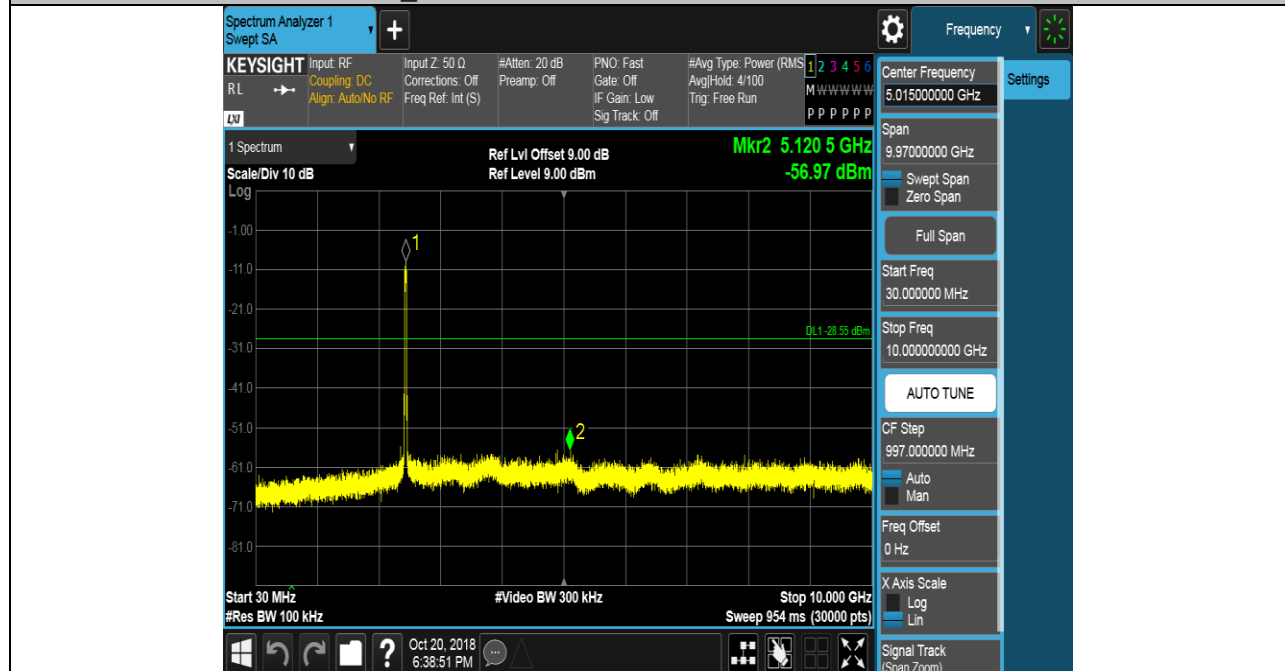


Test Mode	Channel	Verdict
11N40SISO	HCH	PASS

Pref 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 and §15.209

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

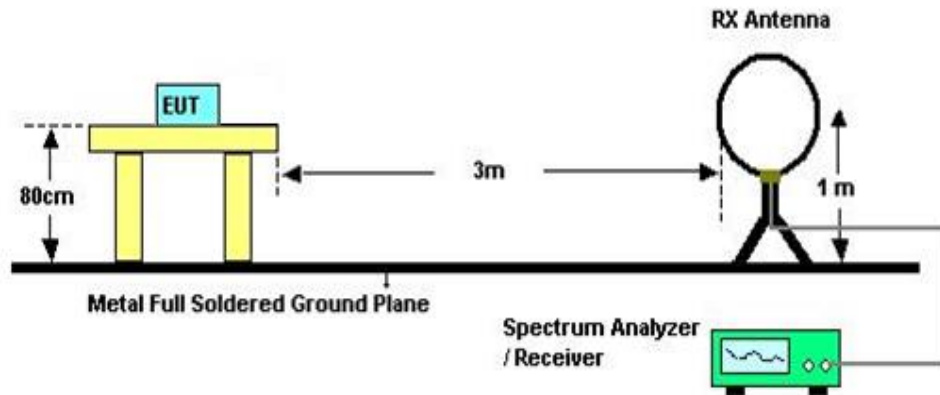
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	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: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6c

TEST SETUP AND PROCEDURE

Below 30MHz

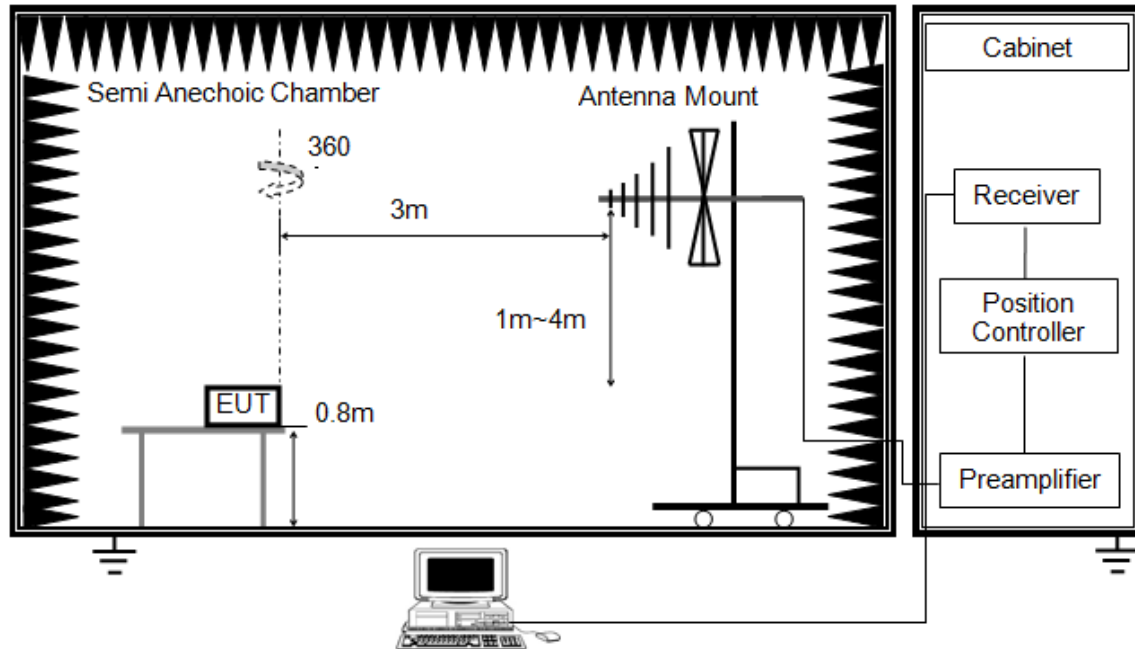


The setting of the spectrum analyser

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 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)
8. Result level = Read level + Antenna Factor + Cable loss

Below 1G

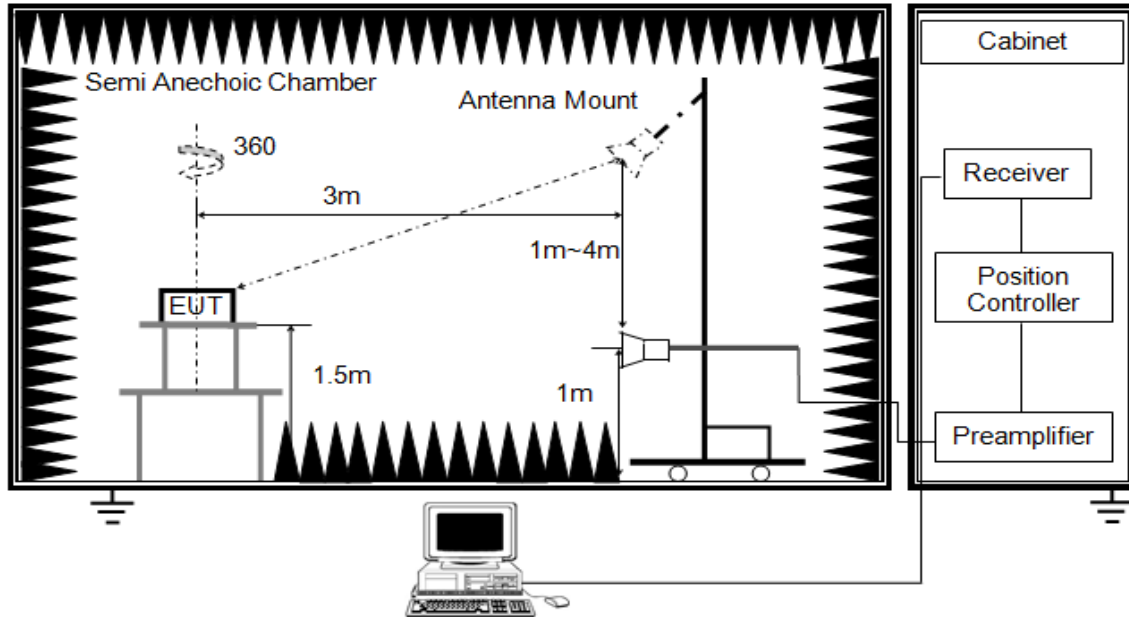


The setting of the spectrum analyser

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)
7. Result level = Read level + Antenna Factor + Cable loss

ABOVE 1G

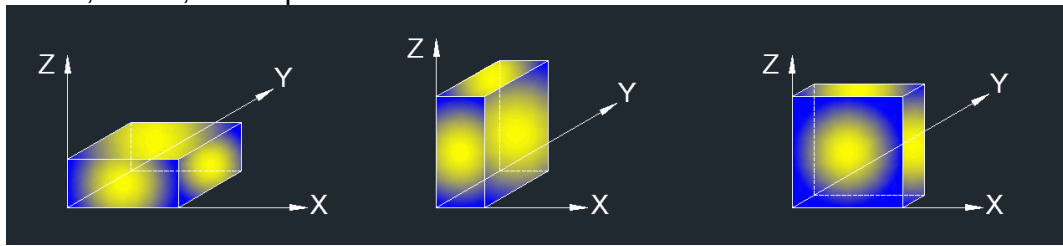


The setting of the spectrum analyser

RBW	1M
VBW	PEAK:3M AVG: See note6
Sweep	Auto
Detector	Peak/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 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 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)
8. Result level = Read level + Antenna Factor + Cable loss

X axis, Y axis, Z axis positions:



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

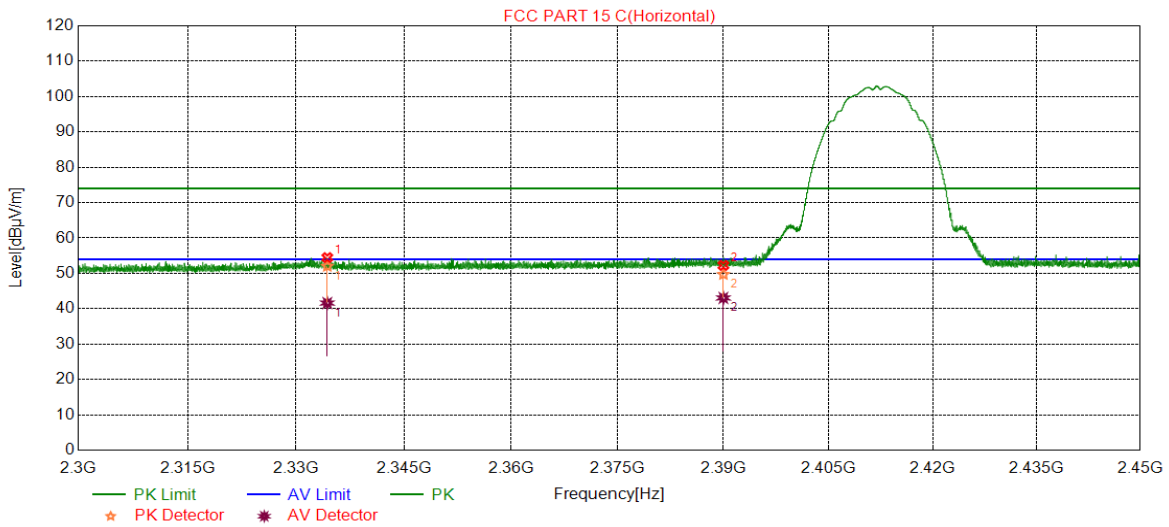
6.6.2.RESTRICTED BANDEDGE

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:

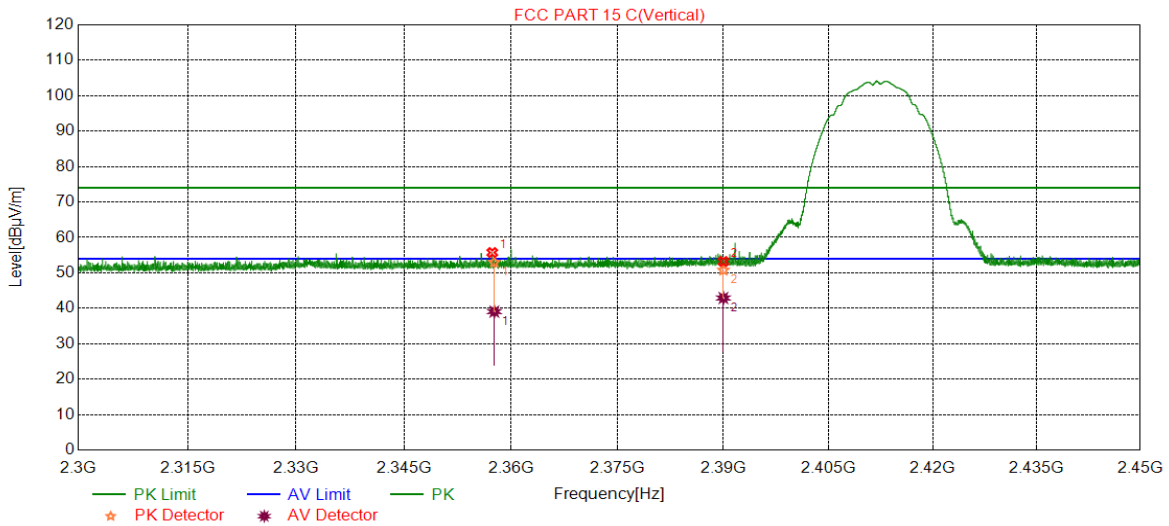
Test Mode	Channel	Polarization	Verdict
11B SISO	LCH	Vertical	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2334.3234	52.00	74.00	-22.00	peak
	2334.3234	41.61	54.00	-12.39	average
2	2390.0000	49.69	74.00	-24.31	peak
	2390.0000	43.05	54.00	-10.95	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.

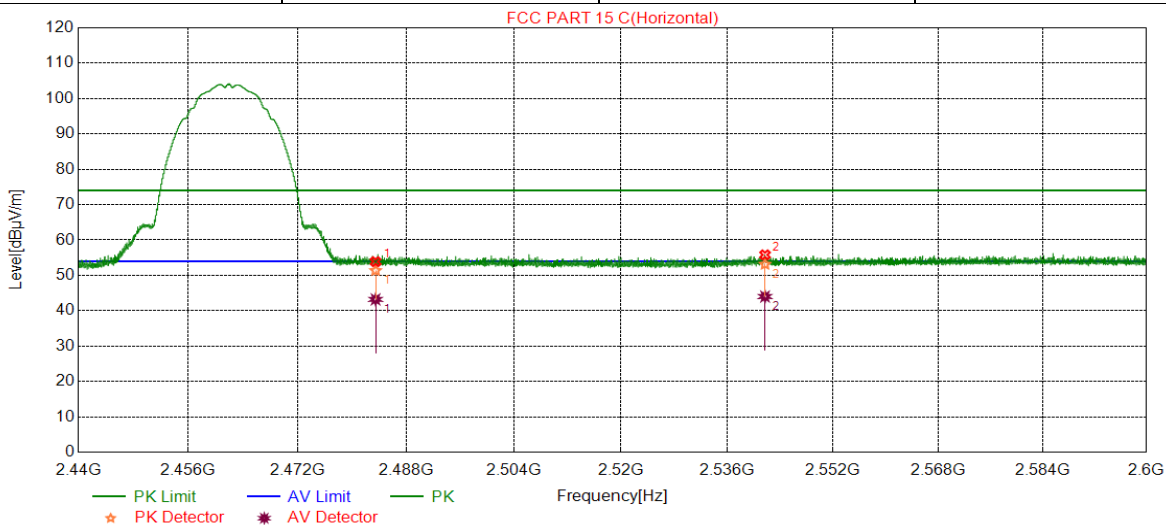
Test Mode	Channel	Polarization	Verdict
11B SISO	LCH	Horizontal	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2357.6401	52.98	74.00	-21.02	peak
	2357.6401	39.07	54.00	-14.93	average
2	2390.0000	50.76	74.00	-23.24	peak
	2390.0000	42.90	54.00	-11.10	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.

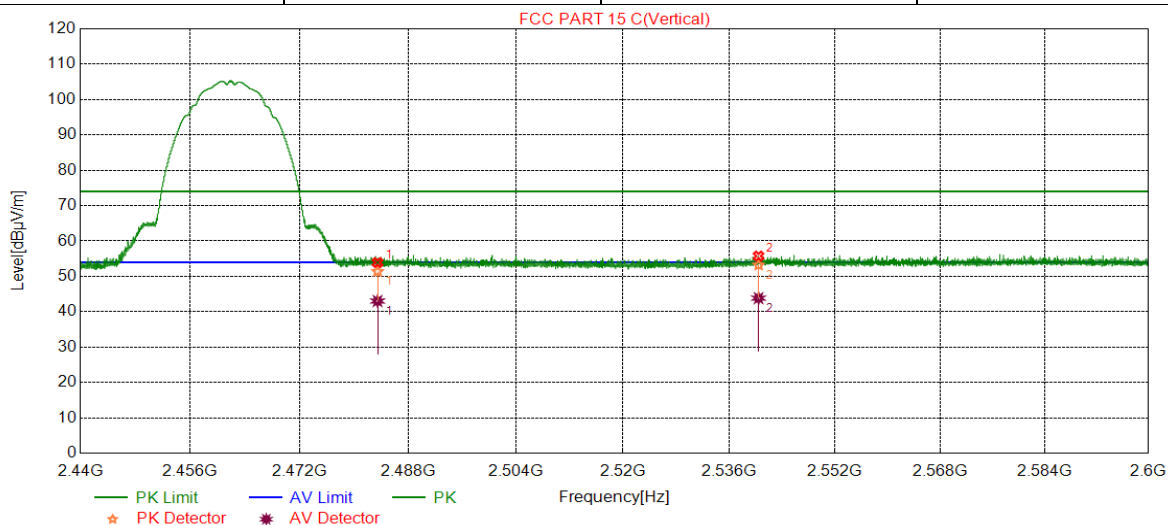
Test Mode	Channel	Polarization	Verdict
11B SISO	HCH	Horizontal	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)				
1	2483.5000	51.35	74.00	22.65	peak
	2483.5000	43.20	54.00	-10.80	average
2	2541.6742	53.12	74.00	-20.88	peak
	2541.6742	44.01	54.00	-9.99	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.

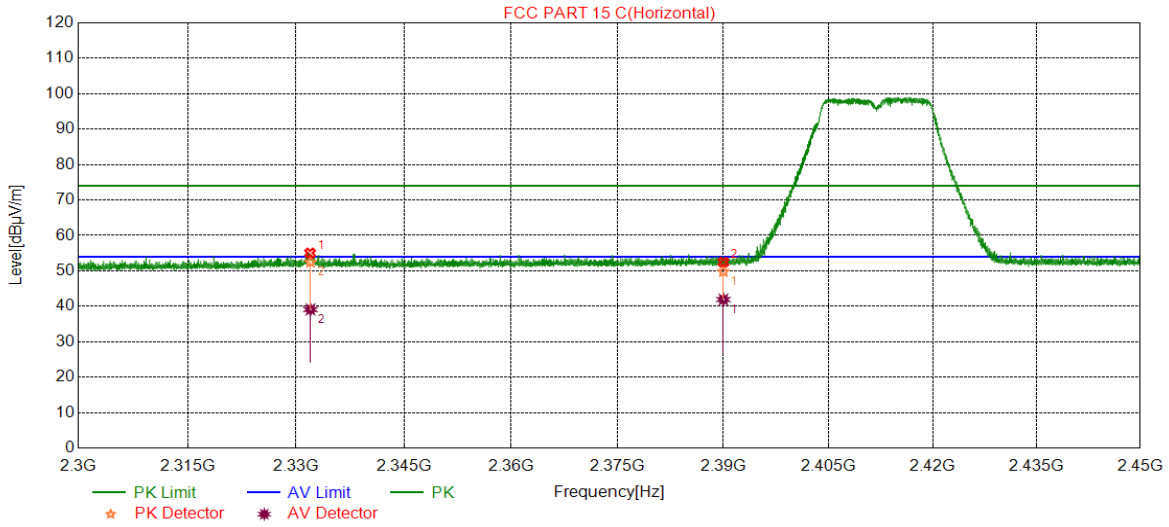
Test Mode	Channel	Polarization	Verdict
11B SISO	HCH	Vertical	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	51.37	74.00	-22.63	peak
	2483.5000	43.02	54.00	-10.98	average
2	2540.3940	53.19	74.00	-20.81	peak
	2540.3940	43.84	54.00	-10.16	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.

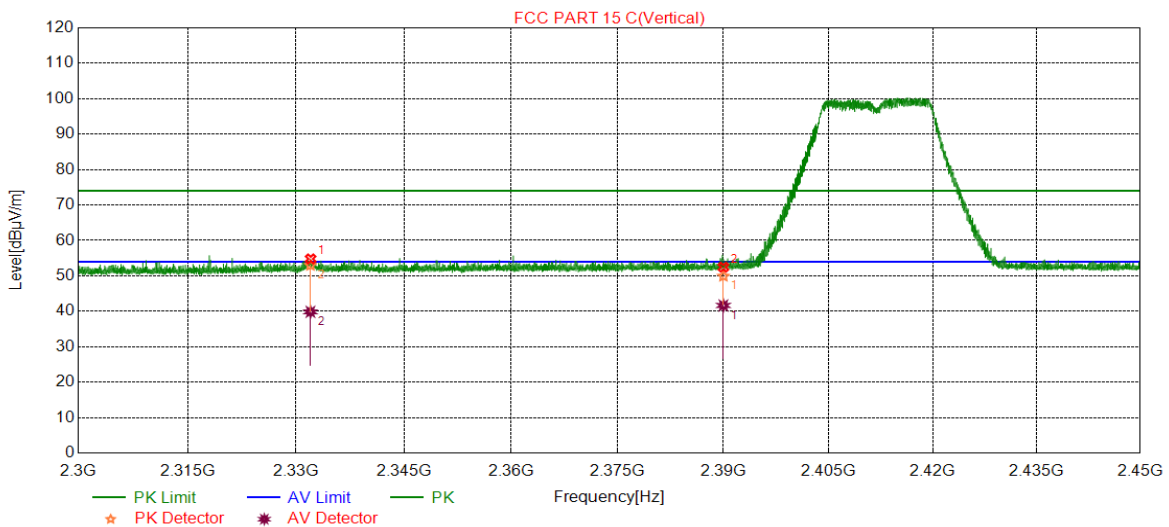
Test Mode	Channel	Polarization	Verdict
11G SISO	LCH	Horizontal	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2390.0000	49.78	74.00	-24.22	peak
	2390.0000	41.90	54.00	-12.10	average
2	2331.9845	52.46	74.00	-21.54	peak
	2331.9845	39.10	54.00	-14.90	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.

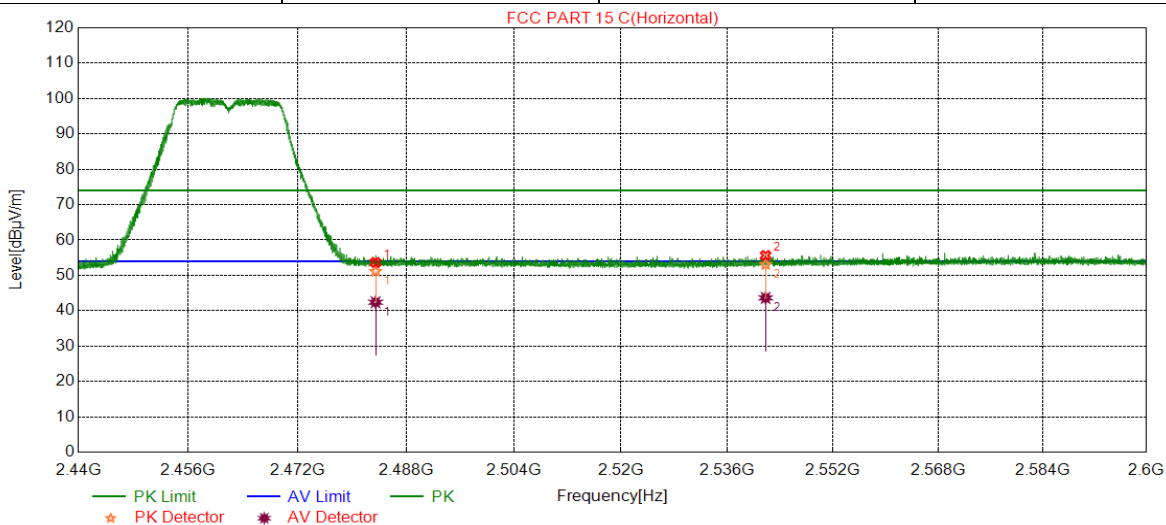
Test Mode	Channel	Polarization	Verdict
11G SISO	LCH	Vertical	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2390.0000	49.90	74.00	-24.10	peak
	2390.0000	41.65	54.00	-12.35	average
2	2331.9828	52.95	74.00	-21.05	peak
	2331.9828	39.85	54.00	-14.15	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.

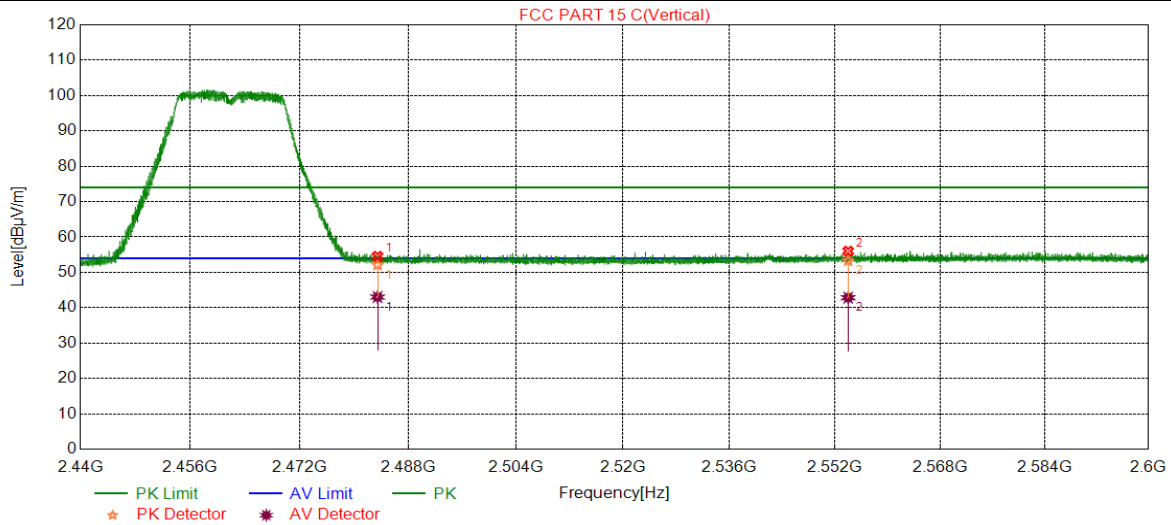
Test Mode	Channel	Polarization	Verdict
11G SISO	HCH	Horizontal	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	51.14	74.00	-22.86	peak
	2483.5000	42.39	54.00	-11.61	average
2	2541.7702	53.07	74.00	-20.93	peak
	2541.7702	43.62	54.00	-10.38	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.

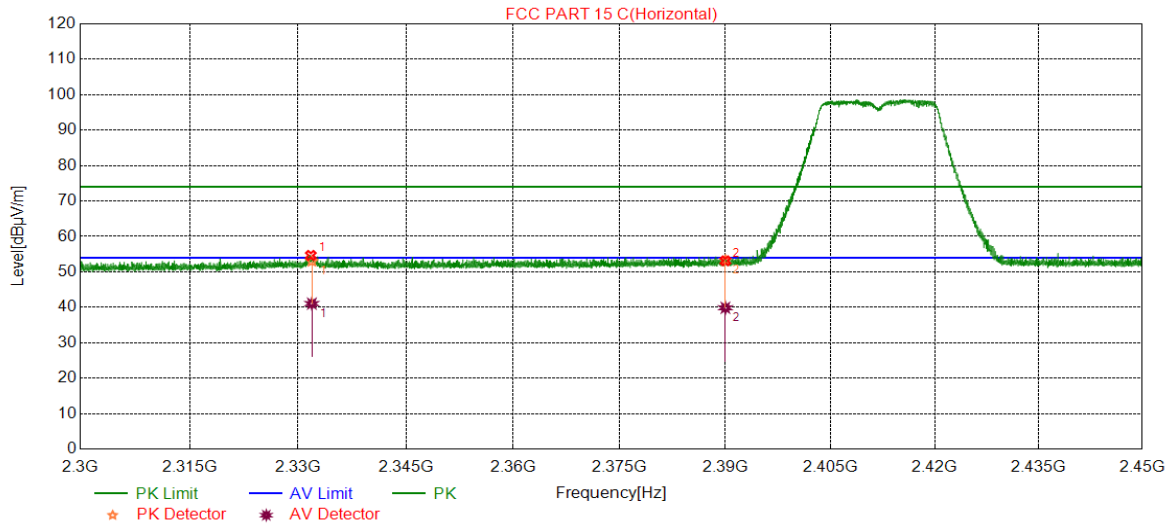
Test Mode	Channel	Polarization	Verdict
11G SISO	HCH	Vertical	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	52.09	74.00	-21.91	peak
	2483.5000	43.02	54.00	-10.98	average
2	2553.9634	53.26	74.00	-20.74	peak
	2553.9634	42.84	54.00	-11.16	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.

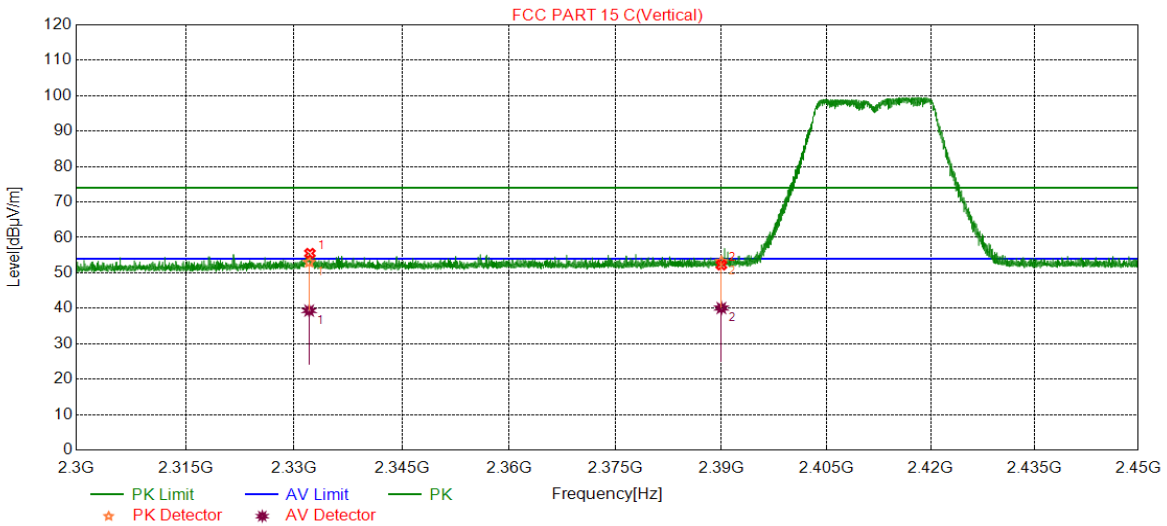
Test Mode	Channel	Polarization	Verdict
11N20SISO	LCH	Horizontal	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2331.9015	52.99	74.00	-21.01	peak
	2331.9015	41.03	54.00	-12.97	average
2	2390.0000	53.25	74.00	-20.75	peak
	2390.0000	39.86	54.00	-14.14	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.

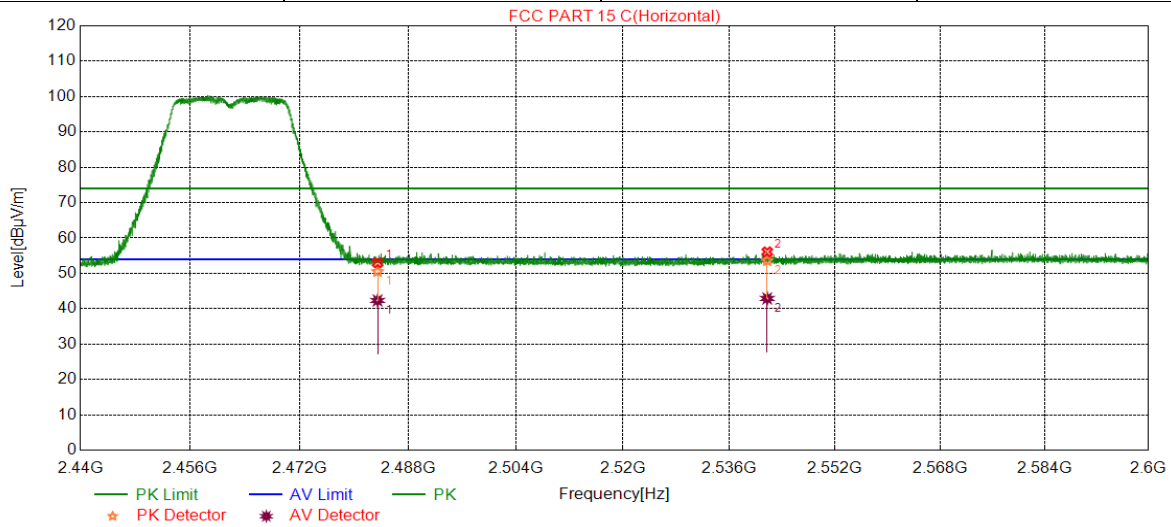
Test Mode	Channel	Polarization	Verdict
11N20SISO	LCH	Vertical	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2332.0832	52.99	74.00	-21.01	peak
	2332.0832	39.35	54.00	-14.65	average
2	2390.0000	53.21	74.00	-20.79	peak
	2390.0000	40.08	54.00	-13.92	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.

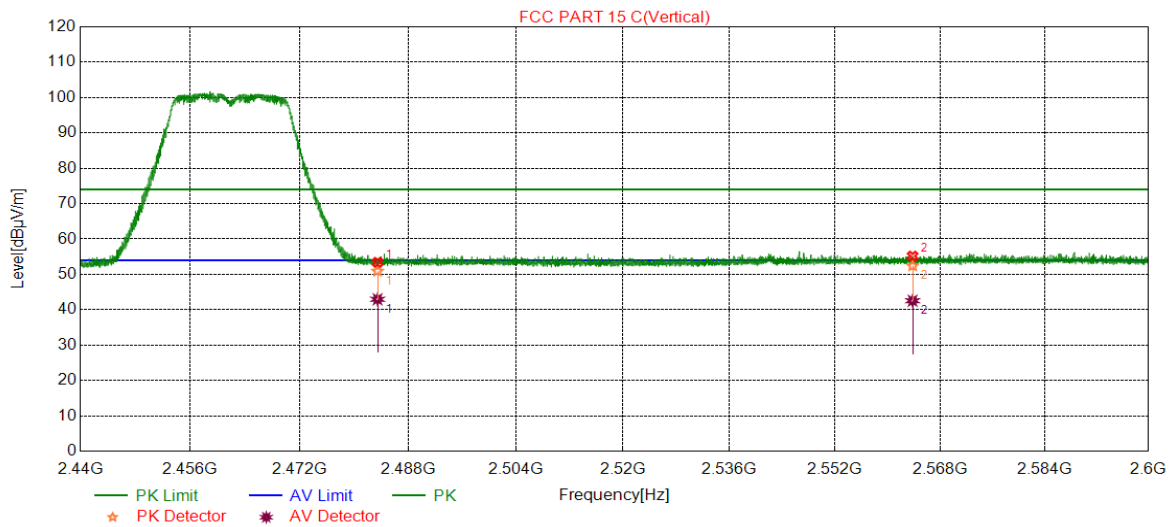
Test Mode	Channel	Polarization	Verdict
11N20SISO	HCH	Horizontal	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	50.48	74.00	-23.52	peak
	2483.5000	42.33	54.00	-11.67	average
2	2541.7062	53.56	74.00	-20.44	peak
	2541.7062	42.89	54.00	-11.11	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.

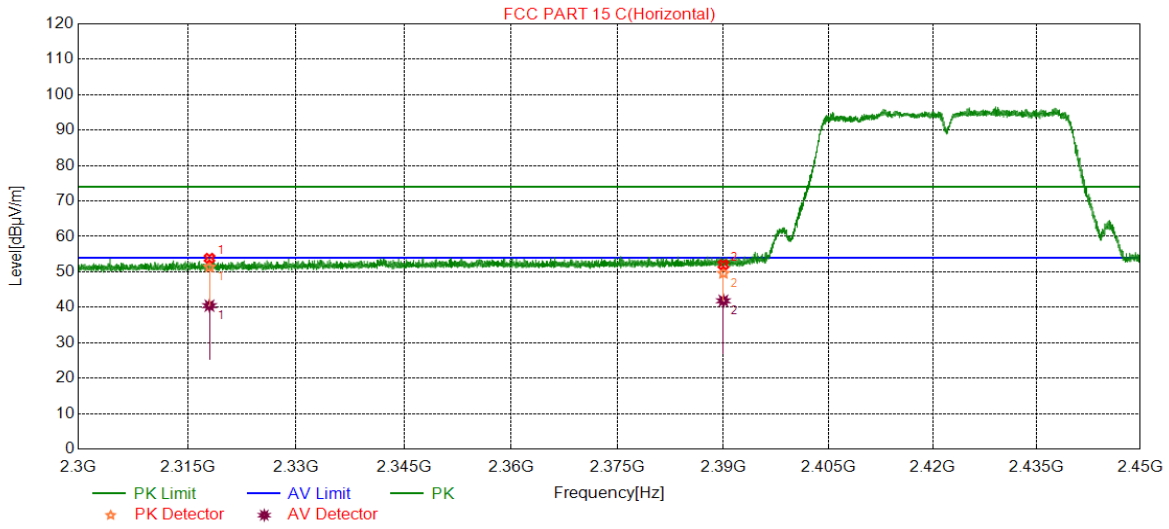
Test Mode	Channel	Polarization	Verdict
11N20SISO	HCH	Vertical	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	50.89	74.00	-23.11	peak
	2483.5000	42.95	54.00	-11.05	average
2	2563.7724	52.38	74.00	-21.62	peak
	2563.7724	42.54	54.00	-11.46	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.

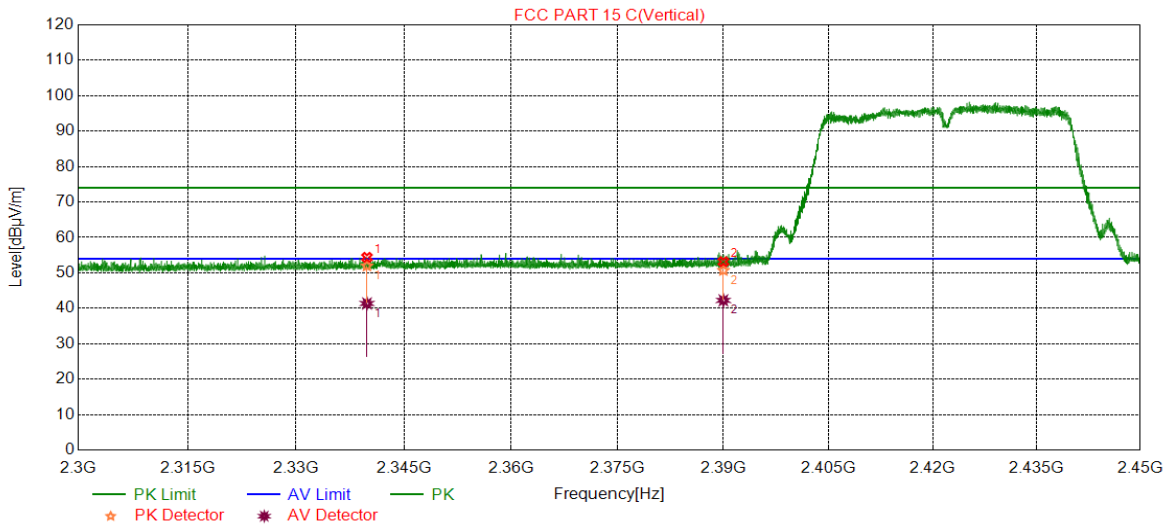
Test Mode	Channel	Polarization	Verdict
11N40SISO	LCH	Horizontal	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2318.0168	51.34	74.00	-22.66	peak
	2318.0168	40.46	54.00	-13.54	average
2	2390.0000	49.57	74.00	-24.43	peak
	2390.0000	41.84	54.00	-12.16	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.

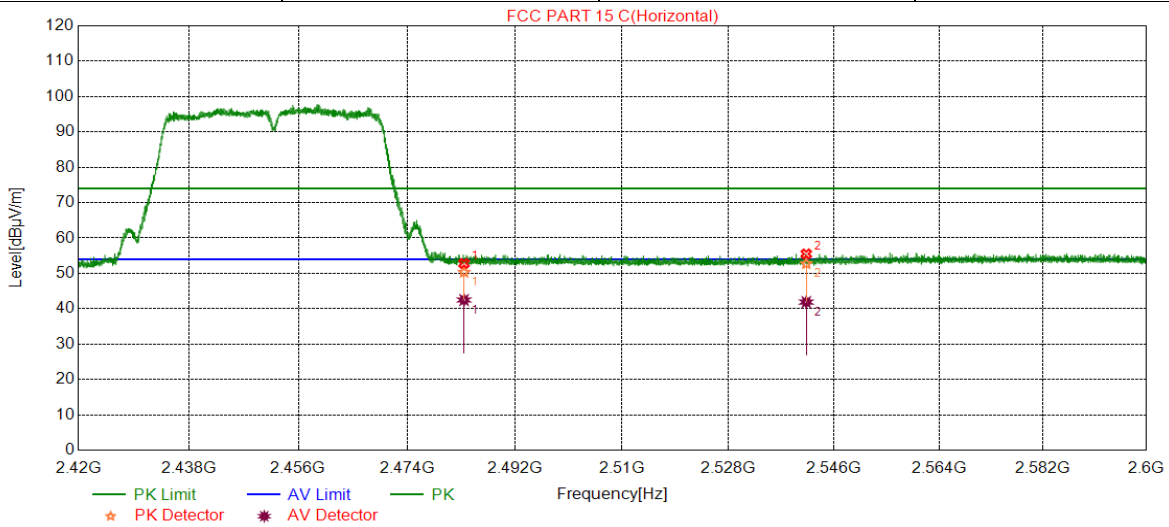
Test Mode	Channel	Polarization	Verdict
11N40SISO	LCH	Vertical	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2339.8440	51.95	74.00	-22.05	peak
	2339.8440	41.36	54.00	-12.64	average
2	2390.0000	50.69	74.00	-23.31	peak
	2390.0000	42.24	54.00	-11.76	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.

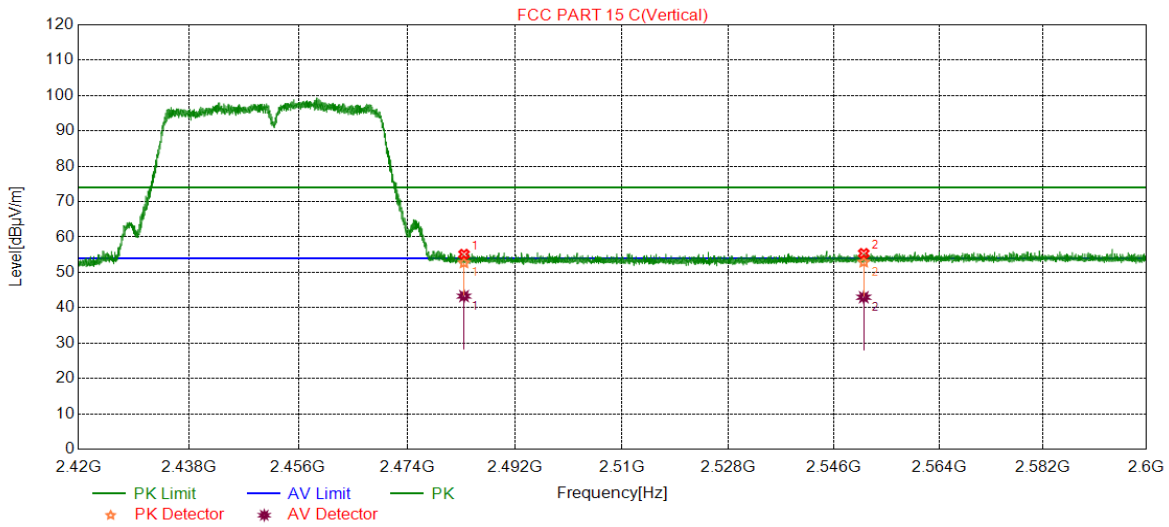
Test Mode	Channel	Polarization	Verdict
11N40SISO	HCH	Horizontal	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	50.29	74.00	-23.71	peak
	2483.5000	42.46	54.00	-11.54	average
2	2541.2421	52.71	74.00	-21.29	peak
	2541.2421	41.88	54.00	-12.12	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	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	52.68	74.00	-21.32	peak
	2483.5000	43.28	54.00	-10.72	average
2	2551.0711	52.89	74.00	-21.11	peak
	2551.0711	42.97	54.00	-11.03	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.

6.6.3.SPURIOUS EMISSIONS

Test Result Table:

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

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

Remark: Pre-testing all test modes and test 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 SISO	Antenna 1	MCH	<Limit	PASS

Remark: Pre-testing all test modes and test 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 SISO	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11G SISO	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

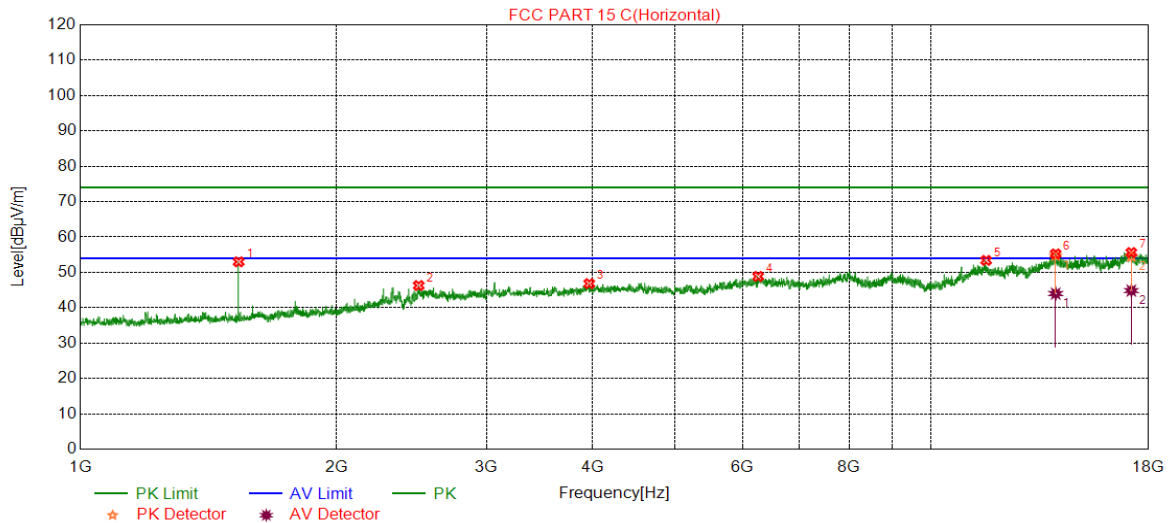
Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B SISO	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS

Remark: Pre-testing all test modes, 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 SISO	LCH	Horizontal	PASS

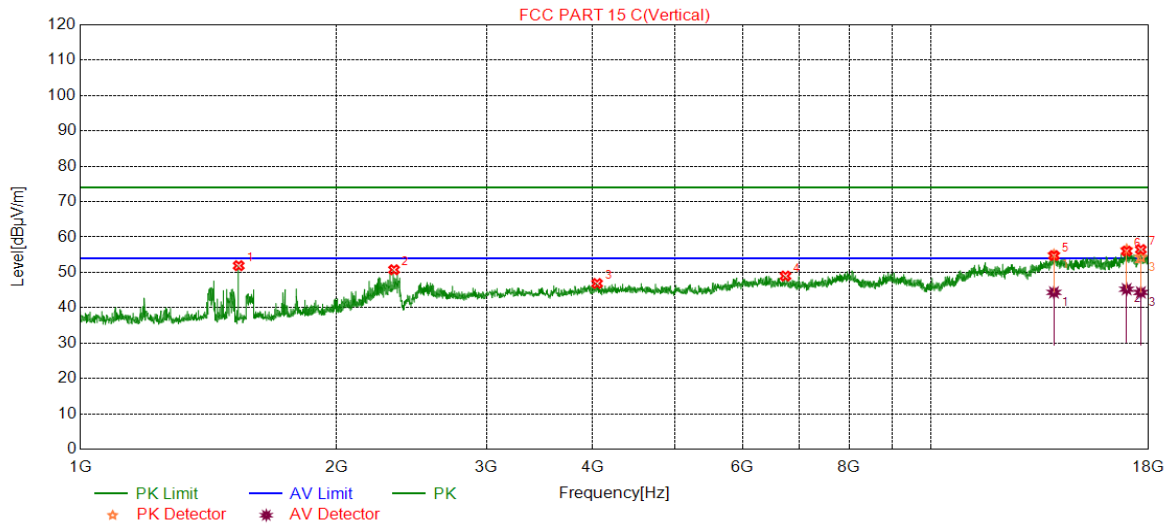


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(dBµV/m)	(dB)	
1	1534.8449	52.98	74.00	-21.02	54.00	-1.02	peak
2	2497.8326	46.27	74.00	-27.73	54.00	-7.73	peak
3	3962.6604	46.82	74.00	-27.18	54.00	-7.18	peak
4	6258.0430	48.84	74.00	-25.16	54.00	-5.16	peak
5	11596.4327	53.38	74.00	-20.62	54.00	-0.62	peak
6	13996.8328	54.73	74.00	-19.27	--	--	peak
7	17177.3629	55.61	74.00	-18.39	--	--	peak

AV Data List					
NO.	Freq. [MHz]	AV Result [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity
1	13996.8328	44.00	54.00	-10.00	Horizontal
2	17177.3629	44.85	54.00	-9.15	Horizontal

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 SISO	LCH	Vertical	PASS

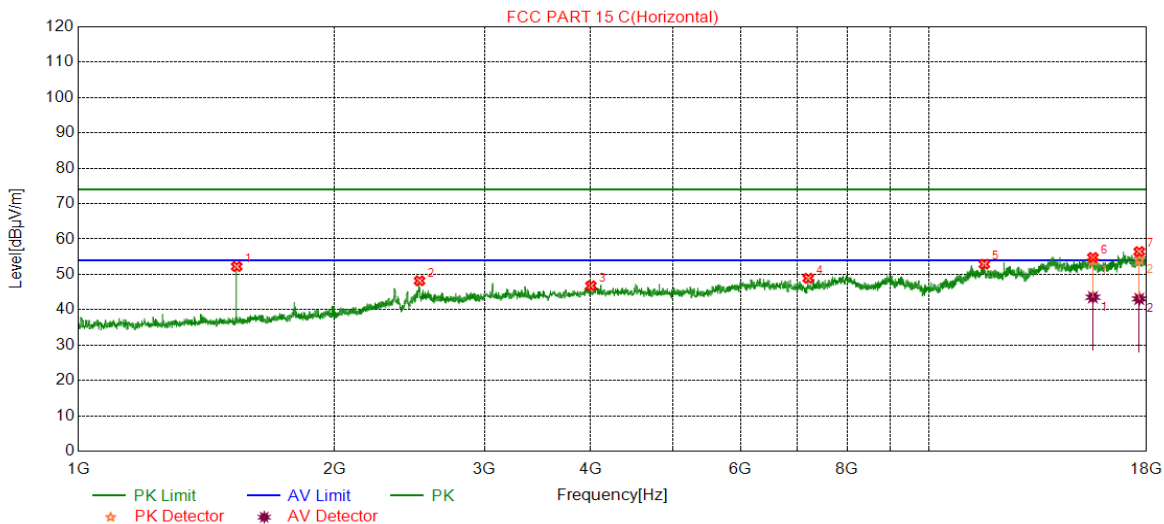


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1534.8449	51.88	74.00	-22.12	54.00	-2.12	peak
2	2336.4455	50.74	74.00	-23.26	54.00	-3.26	peak
3	4047.6746	46.85	74.00	-27.15	54.00	-7.15	peak
4	6738.1230	48.96	74.00	-25.04	54.00	-5.04	peak
5	13931.8220	54.74	74.00	-19.26	54.00	0.74	peak
6	16959.8266	56.01	74.00	-17.99	--	--	peak
7	17624.9375	56.45	74.00	-17.55	--	--	peak

AV Final Data List					
NO.	Freq. [MHz]	AV Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	Polarity
1	13931.8220	44.33	54.00	-9.67	Vertical
2	16959.8266	45.24	54.00	-8.76	Vertical
3	17624.9375	44.33	54.00	-9.67	Vertical

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 SISO	MCH	Horizontal	PASS

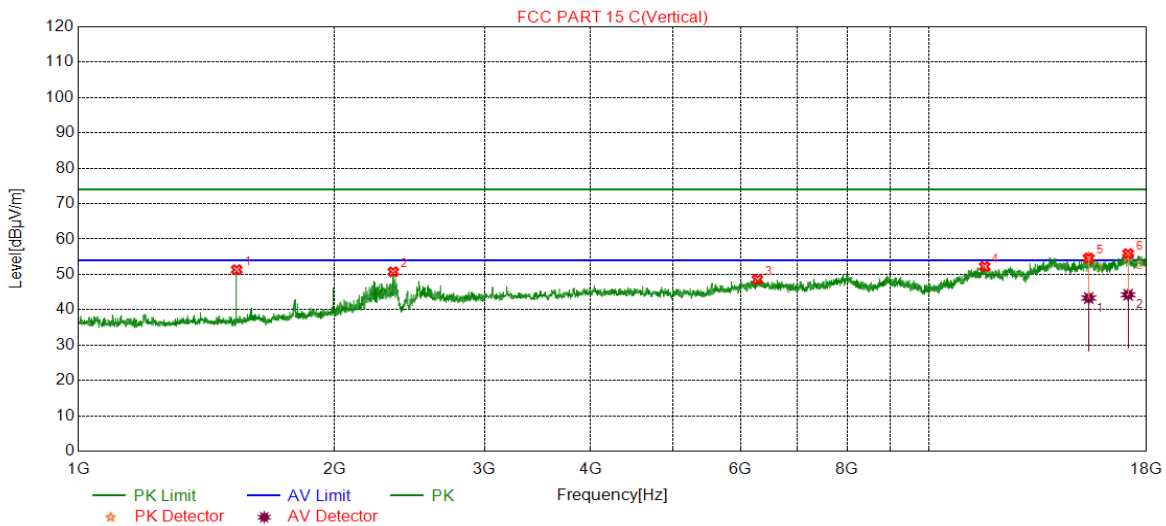


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1534.8449	52.21	74.00	-21.79	54.00	-1.79	peak
2	2517.1724	48.18	74.00	-25.82	54.00	-5.82	peak
3	4002.6671	46.77	74.00	-27.23	54.00	-7.23	peak
4	7205.7010	48.89	74.00	-25.11	54.00	-5.11	peak
5	11603.9340	52.87	74.00	-21.13	54.00	-1.13	peak
6	15564.5941	54.77	74.00	-19.23	--	--	peak
7	17644.9408	56.44	74.00	-17.56	--	--	peak

AV Data List					
NO.	Freq. [MHz]	AV Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	Polarity
1	15564.5941	43.53	54.00	-10.47	Horizontal
2	17644.9408	43.07	54.00	-10.93	Horizontal

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 SISO	MCH	Vertical	PASS

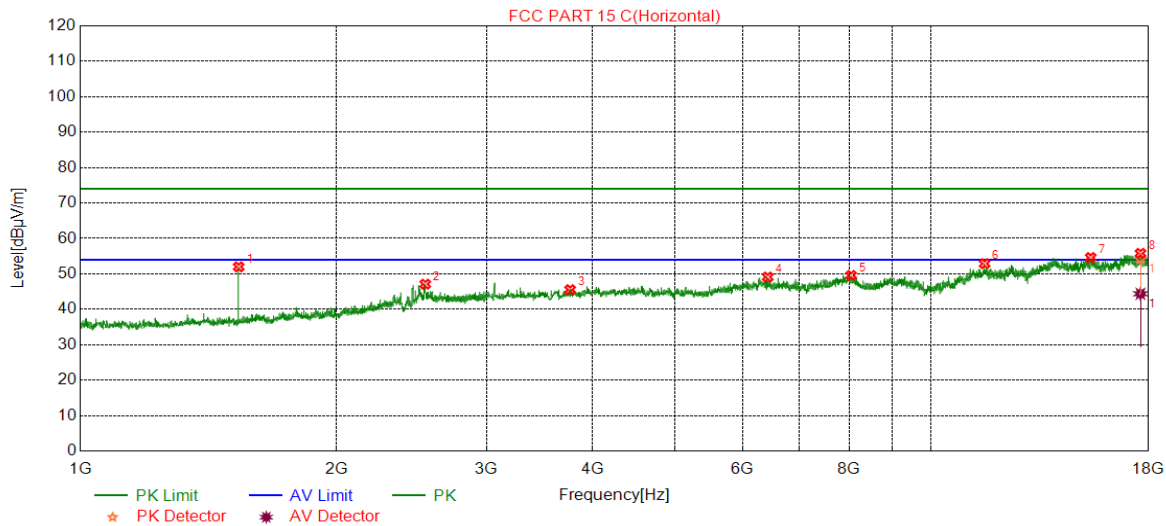


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(dBµV/m)	(dB)	
1	1534.8449	51.32	74.00	-22.68	54.00	-2.68	peak
2	2344.4481	50.72	74.00	-23.28	54.00	-3.28	peak
3	6280.5468	48.57	74.00	-25.43	54.00	-5.43	peak
4	11613.9357	52.19	74.00	-21.81	54.00	-1.81	peak
5	15389.5649	54.61	74.00	-19.39	--	--	peak
6	17122.3537	55.86	74.00	-18.14	--	--	peak

AV Data List					
NO.	Freq. [MHz]	AV Result [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity
1	15389.5649	43.30	54.00	-10.70	Vertical
2	17122.3537	44.23	54.00	-9.77	Vertical

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 SISO	HCH	Horizontal	PASS

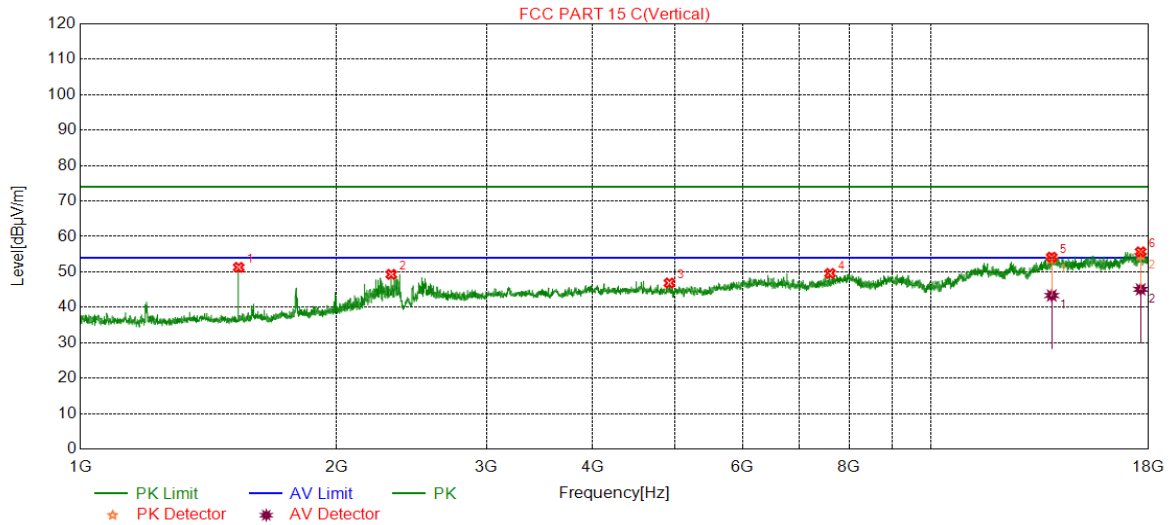


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1534.8449	51.99	74.00	-22.01	54.00	-2.01	peak
2	2542.5142	47.09	74.00	-26.91	54.00	-6.91	peak
3	3762.6271	45.53	74.00	-28.47	54.00	-8.47	peak
4	6423.0705	49.12	74.00	-24.88	54.00	-4.88	peak
5	8048.3414	49.56	74.00	-24.44	54.00	-4.44	peak
6	11548.9248	52.88	74.00	-21.12	54.00	-1.12	peak
7	15387.0645	54.60	74.00	-19.40	--	--	peak
8	17607.4346	55.79	74.00	-18.21	--	--	peak

AV Data List					
NO.	Freq. [MHz]	AV Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	Polarity
1	17607.4346	44.38	54.00	-9.62	Horizontal

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 SISO	HCH	Vertical	PASS

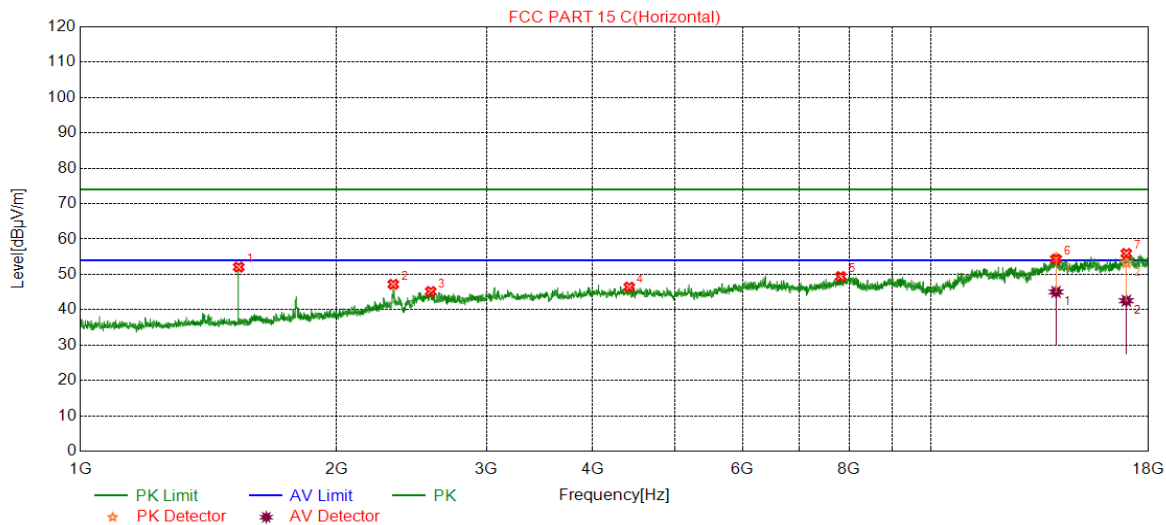


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1534.8449	51.27	74.00	-22.73	54.00	-2.73	peak
2	2319.1064	49.30	74.00	-24.70	54.00	-4.7	peak
3	4922.8205	46.85	74.00	-27.15	54.00	-7.15	peak
4	7603.2672	49.56	74.00	-24.44	54.00	-4.44	peak
5	13849.3082	54.15	74.00	-19.85	--	--	peak
6	17617.4362	55.65	74.00	-18.35	--	--	peak

AV Data List					
NO.	Freq. [MHz]	AV Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	Polarity
1	13849.3082	43.33	54.00	-10.67	Vertical
2	17617.4362	45.07	54.00	-8.93	Vertical

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
11G SISO	LCH	Horizontal	PASS

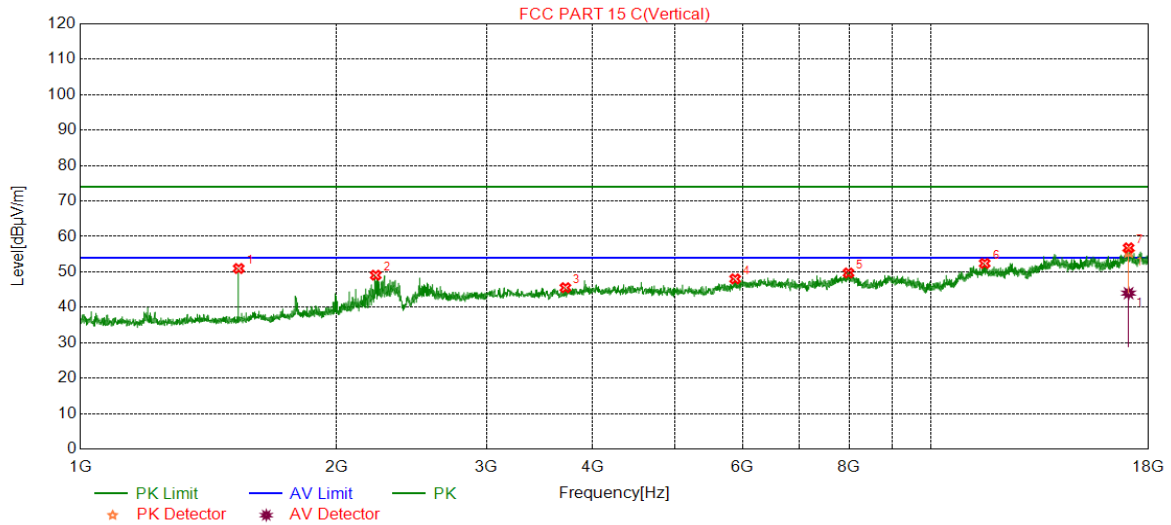


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(dBµV/m)	(dB)	
1	1534.8449	52.06	74.00	-21.94	54.00	-1.94	peak
2	2331.7773	47.19	74.00	-26.81	54.00	-6.81	peak
3	2580.5268	45.16	74.00	-28.84	54.00	-8.84	peak
4	4415.2359	46.42	74.00	-27.58	54.00	-7.58	peak
5	7825.8043	49.38	74.00	-24.62	54.00	-4.62	peak
6	14011.8353	54.32	74.00	-19.68	--	--	peak
7	16944.8241	55.92	74.00	-18.08	--	--	peak

AV Data List					
NO.	Freq. [MHz]	AV Result [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity
1	14011.8353	45.03	54.00	-8.97	Horizontal
2	16944.8241	42.54	54.00	-11.46	Horizontal

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
11G SISO	LCH	Vertical	PASS

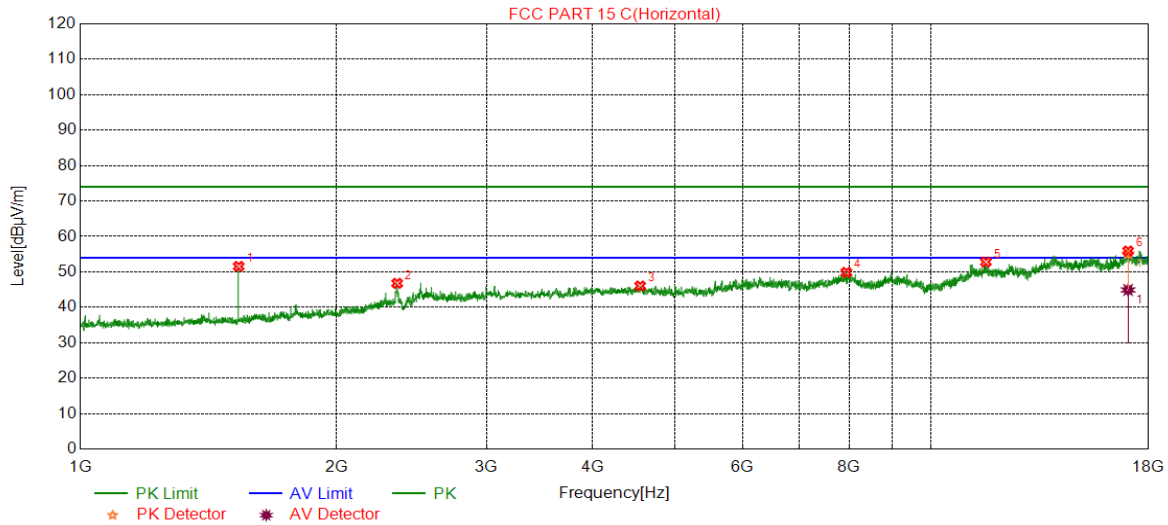


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1534.8449	50.95	74.00	-23.05	54.00	-3.05	peak
2	2223.7412	49.06	74.00	-24.94	54.00	-4.94	peak
3	3715.1192	45.53	74.00	-28.47	54.00	-8.47	peak
4	5880.4801	48.01	74.00	-25.99	54.00	-5.99	peak
5	7990.8318	49.69	74.00	-24.31	54.00	-4.31	peak
6	11551.4252	52.39	74.00	-21.61	54.00	-1.61	peak
7	17049.8416	56.77	74.00	-17.23	--	--	peak

AV Data List					
NO.	Freq. [MHz]	AV Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	Polarity
1	17049.8416	43.99	54.00	-10.01	Vertical

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
11G SISO	MCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1534.8449	51.55	74.00	-22.45	54.00	-2.45	peak
2	2356.4522	46.77	74.00	-27.23	54.00	-7.23	peak
3	4547.7580	46.02	74.00	-27.98	54.00	-7.98	peak
4	7945.8243	49.86	74.00	-24.14	54.00	-4.14	peak
5	11588.9315	52.79	74.00	-21.21	54.00	-1.21	peak
6	17027.3379	55.90	74.00	-18.10	--	--	peak

AV Data List					
NO.	Freq. [MHz]	AV Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	Polarity
1	17027.3379	44.90	54.00	-9.10	Horizontal

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.