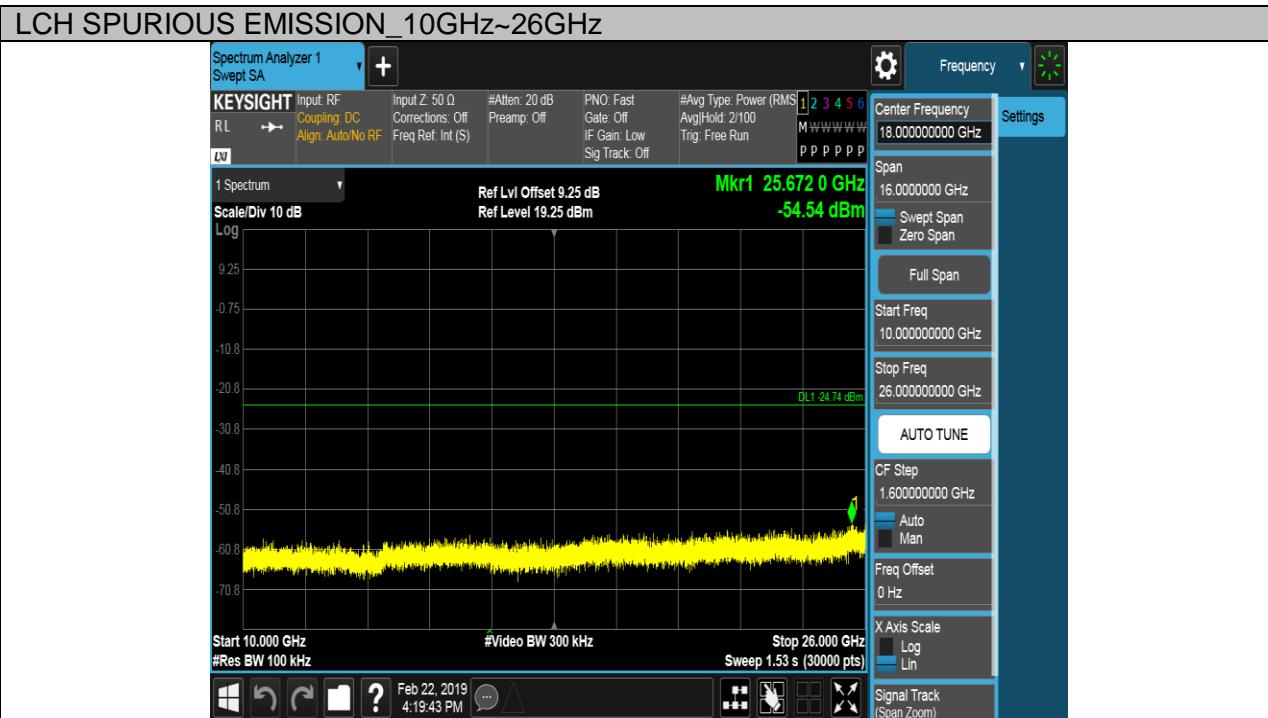
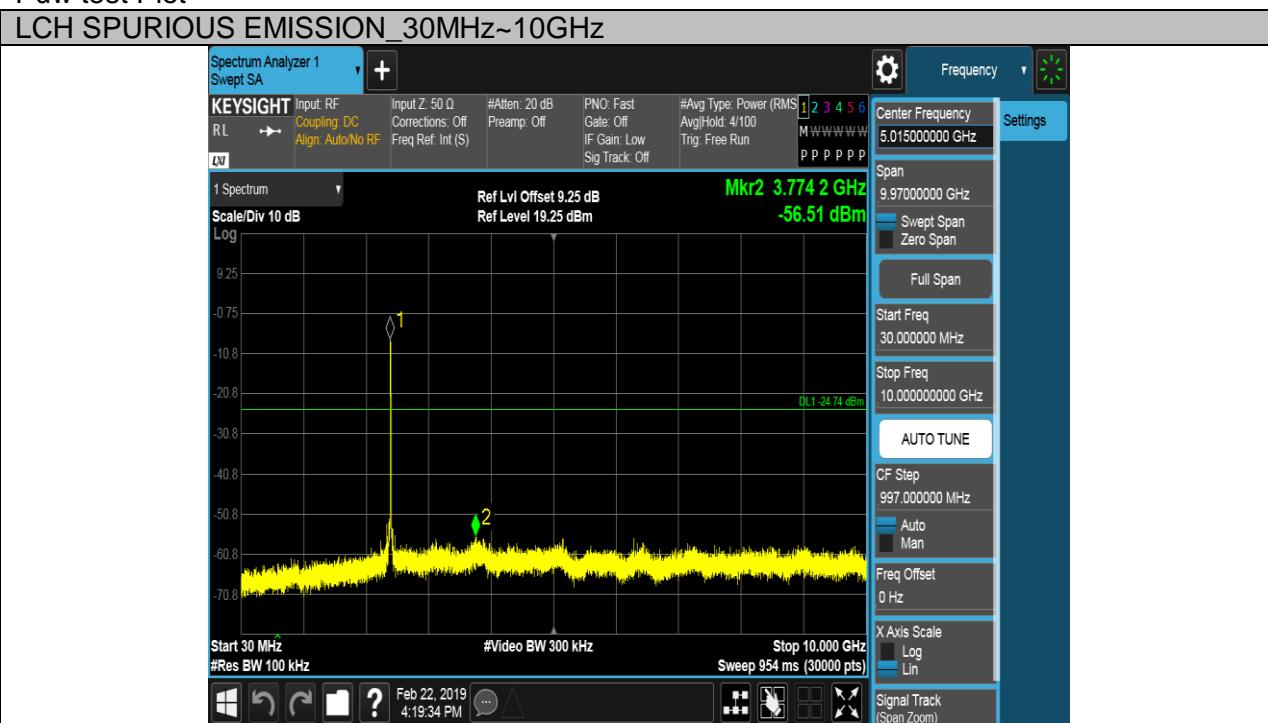
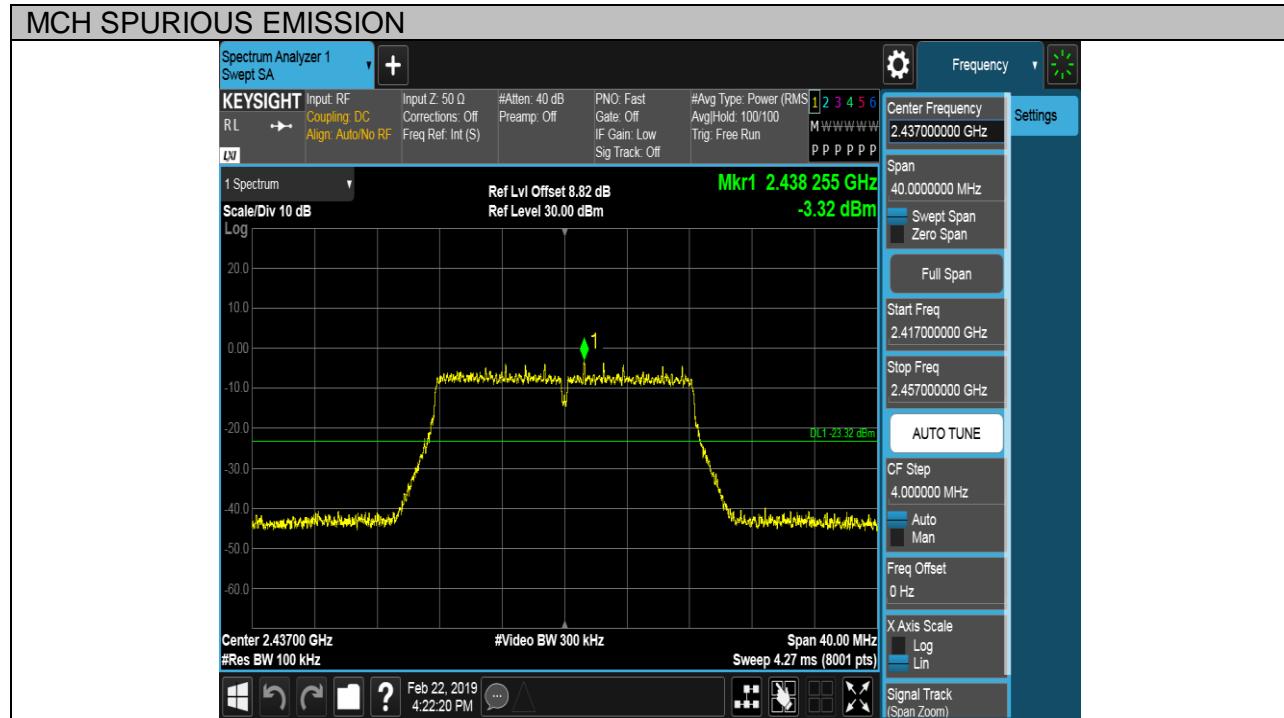


## PuW test Plot

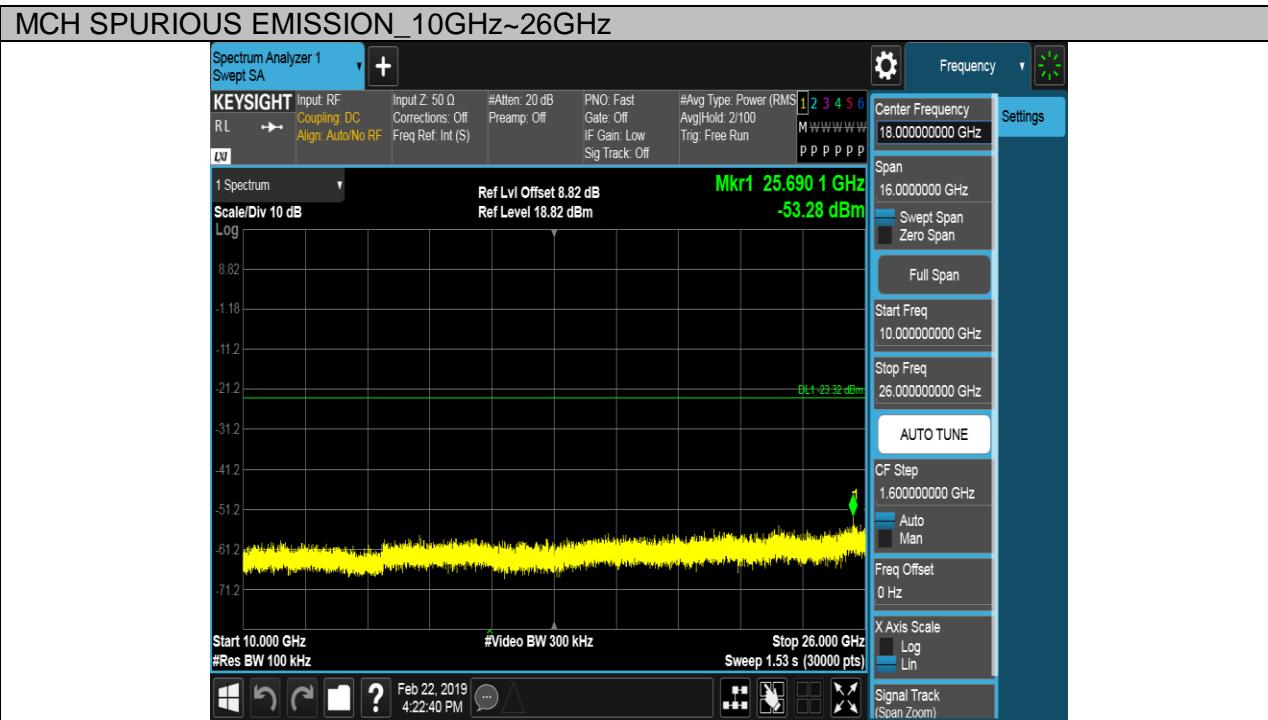
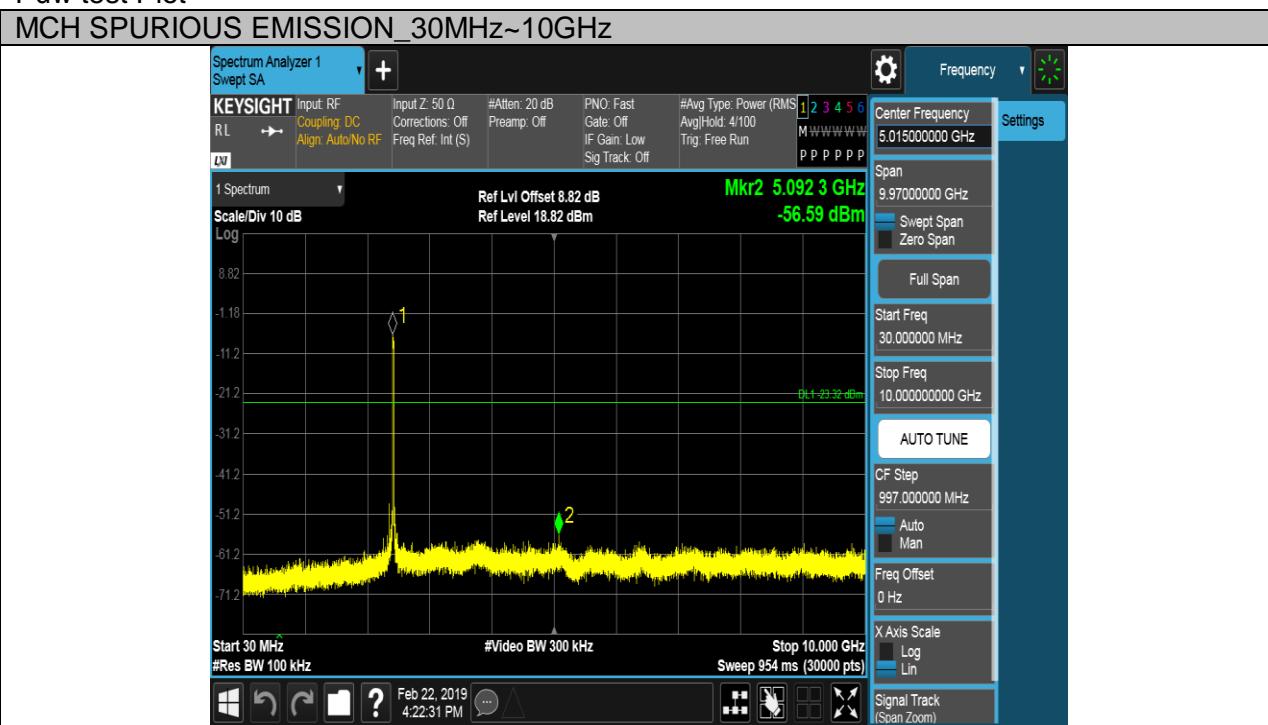


Test Mode	Channel	Verdict
11G	MCH	PASS

## Pref test Plot

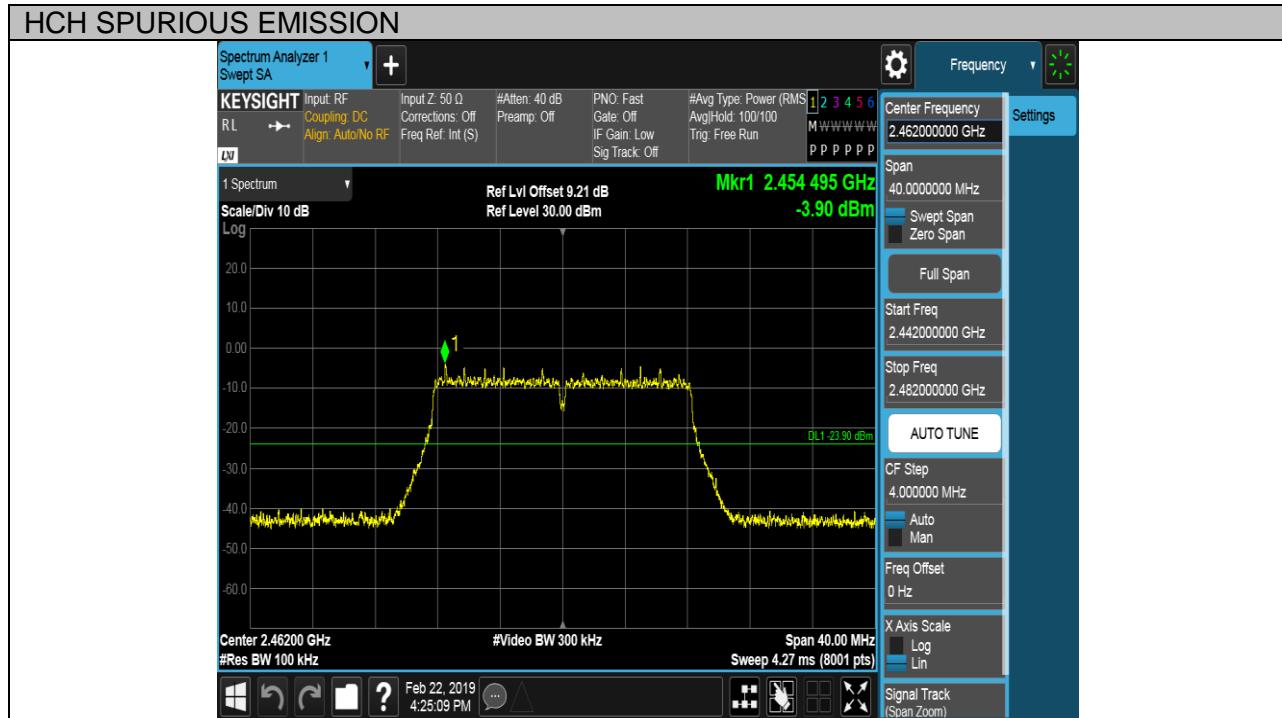


## Puw test Plot

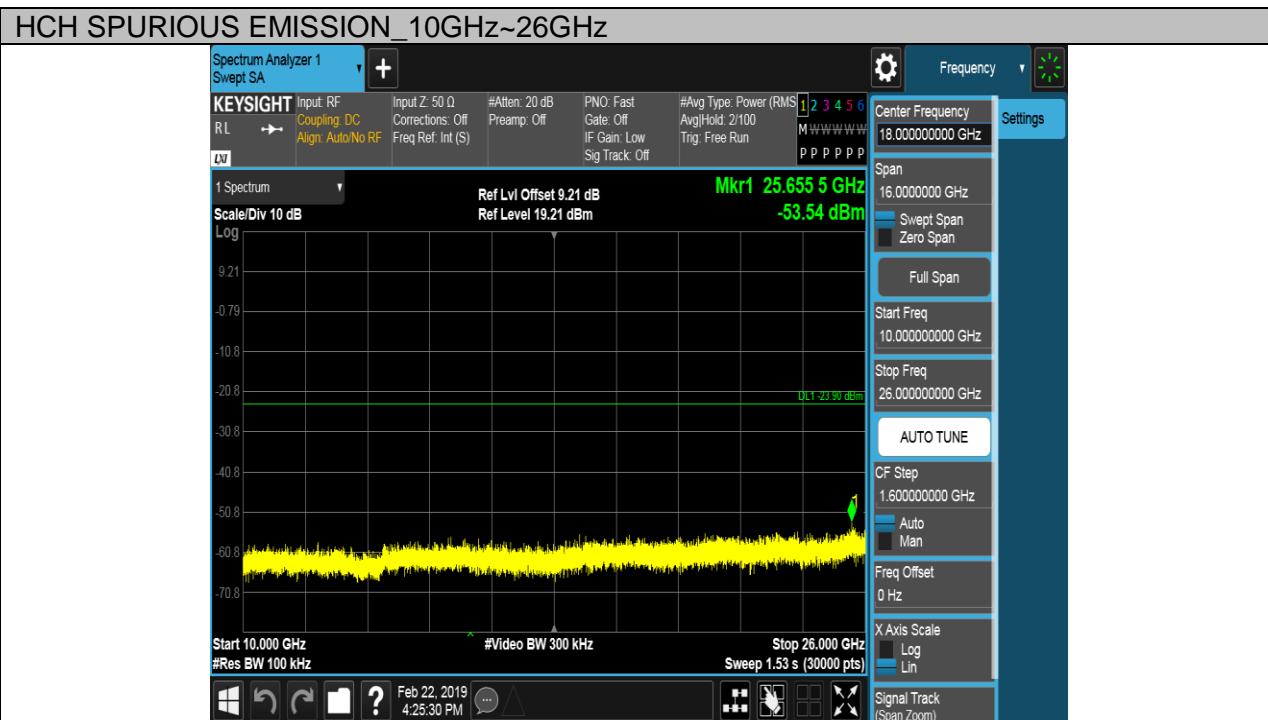
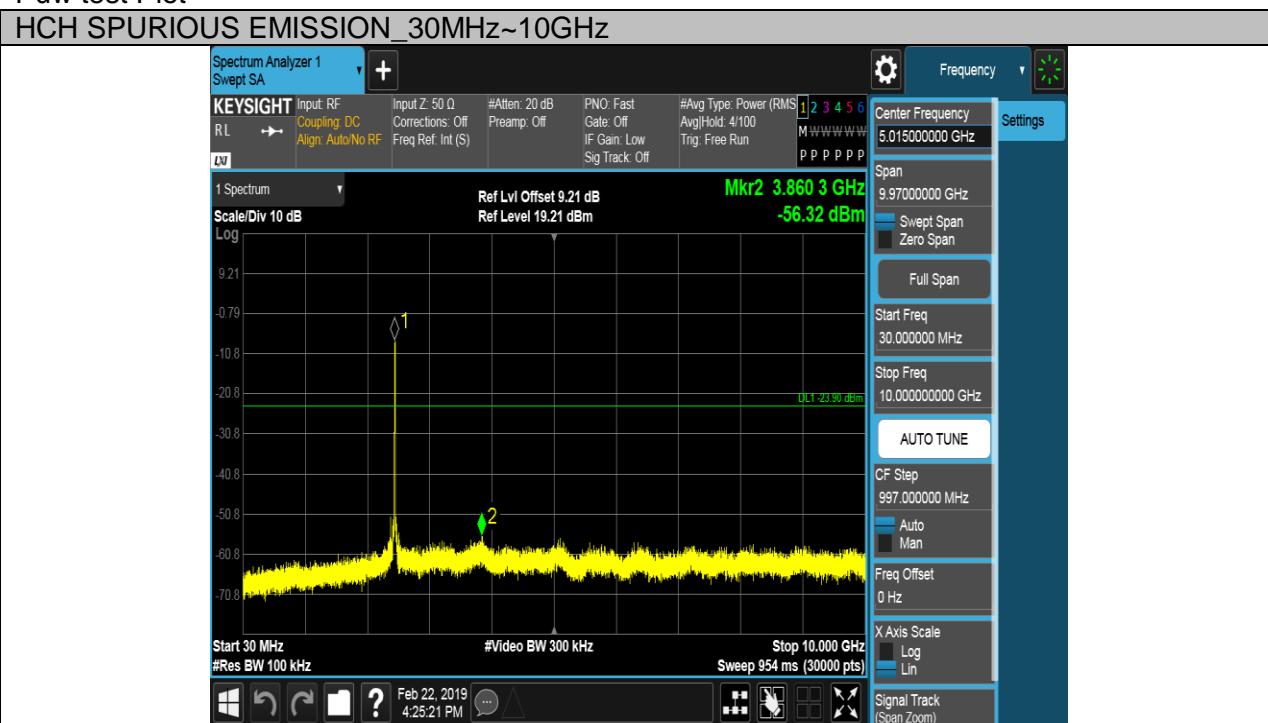


Test Mode	Channel	Verdict
11G	HCH	PASS

## Pref test Plot

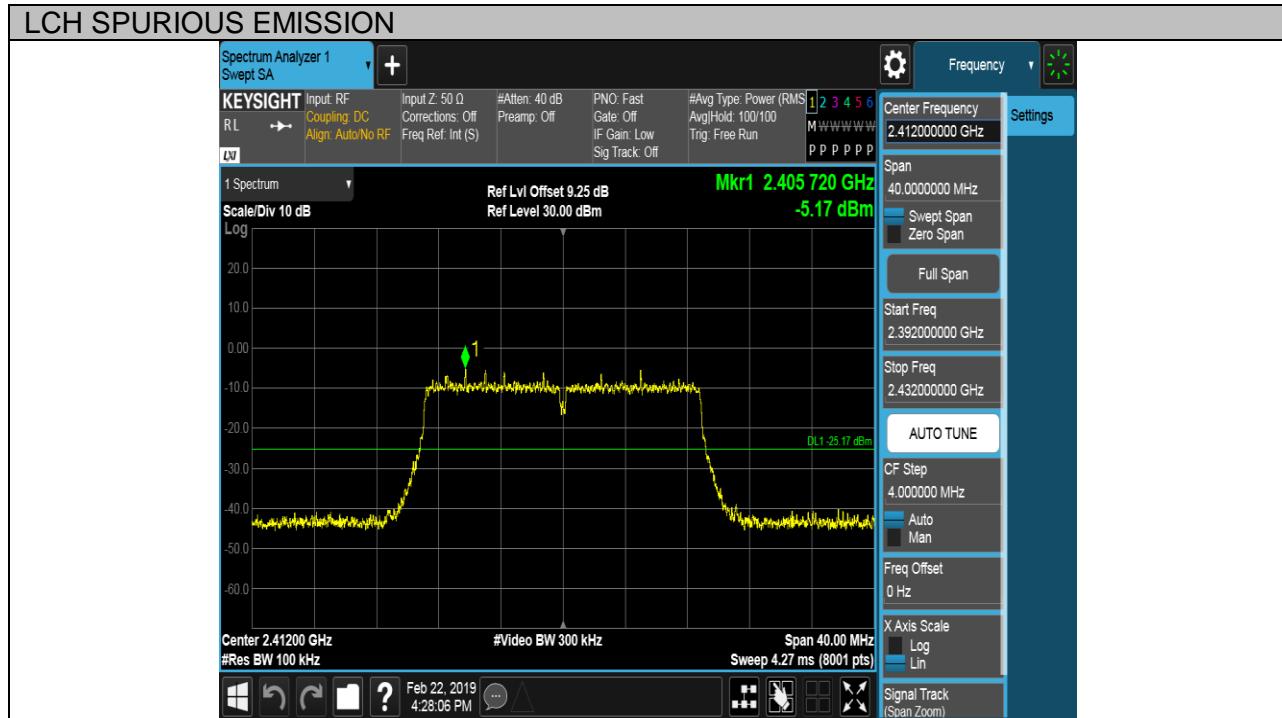


## Puw test Plot

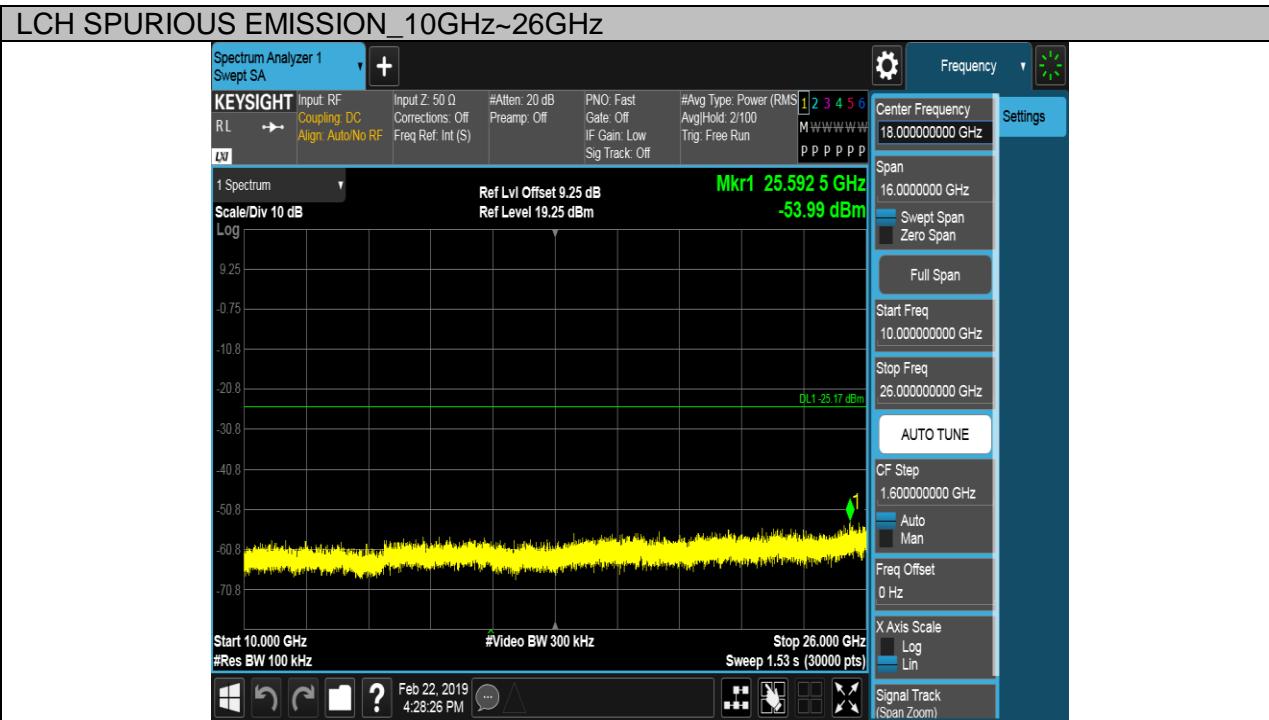
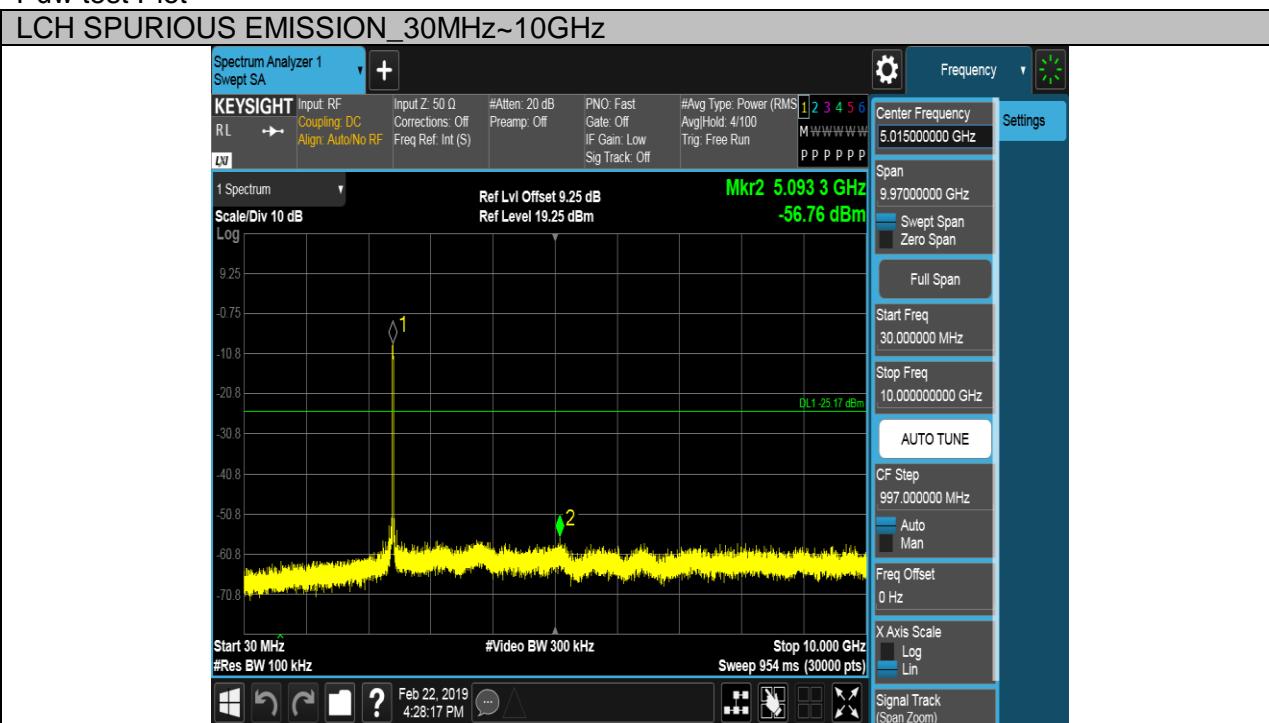


Test Mode	Channel	Verdict
11N HT20 SISO	LCH	PASS

## Pref test Plot

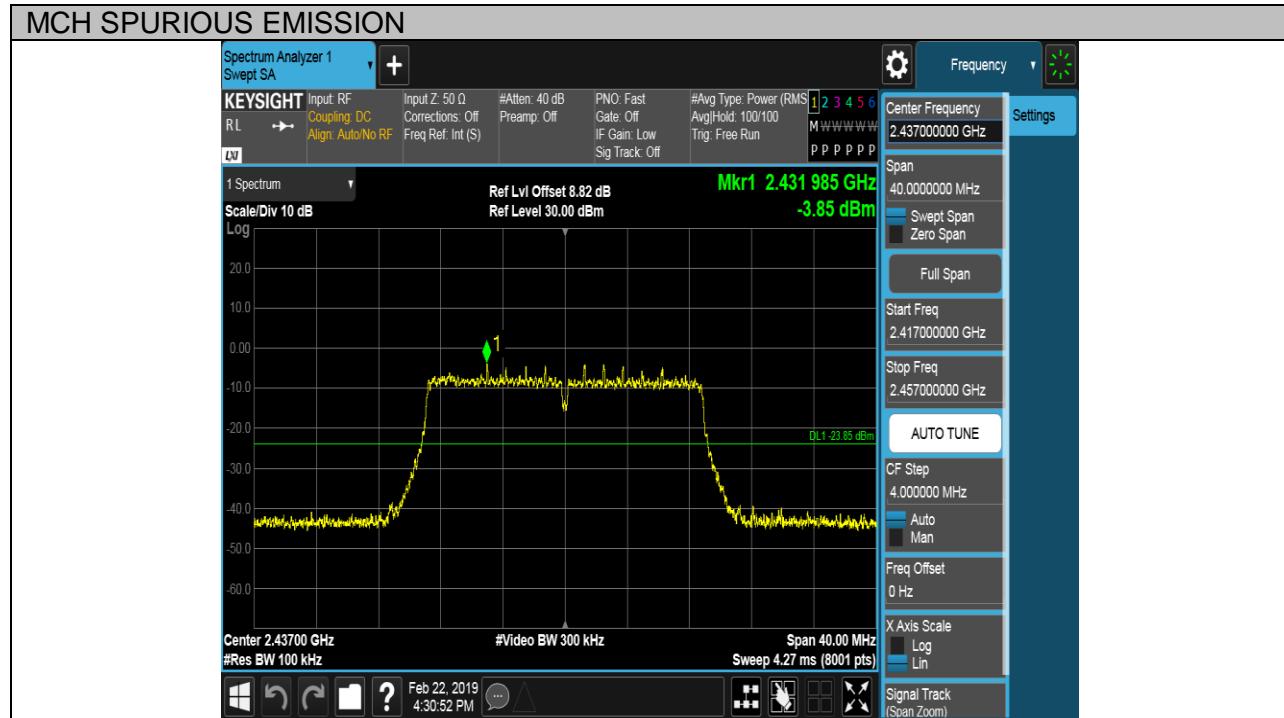


### Puw test Plot

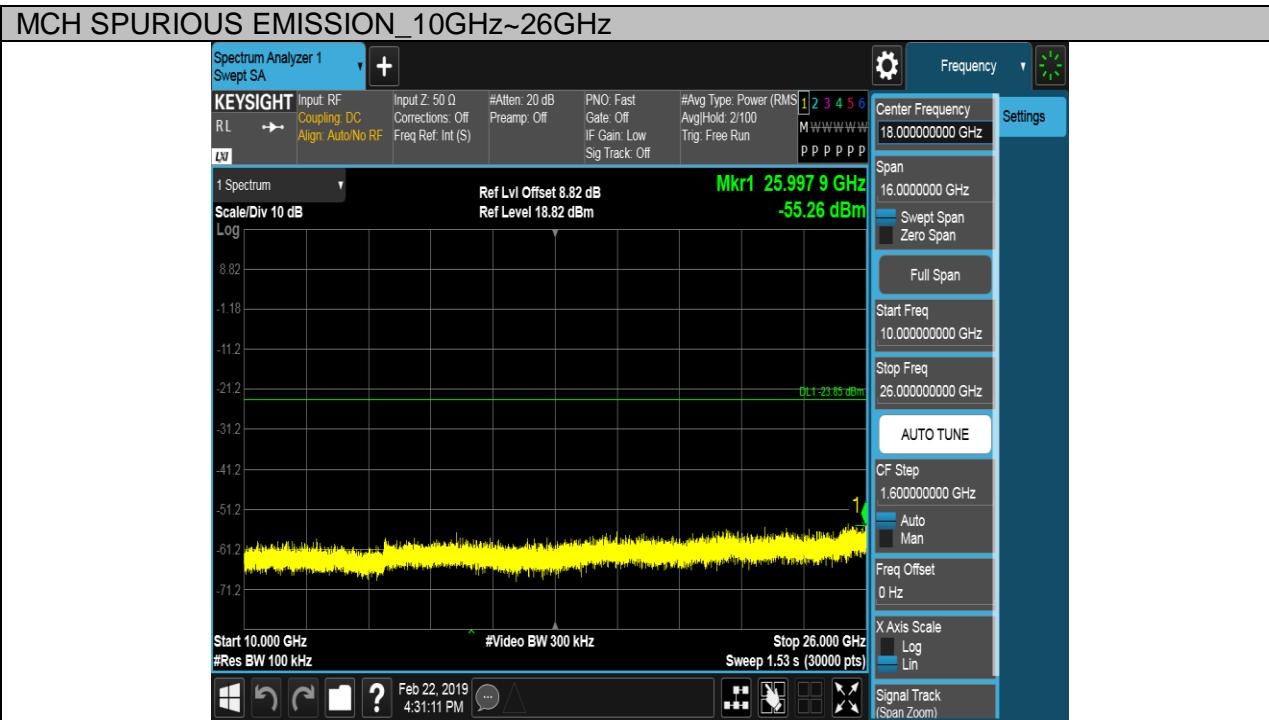
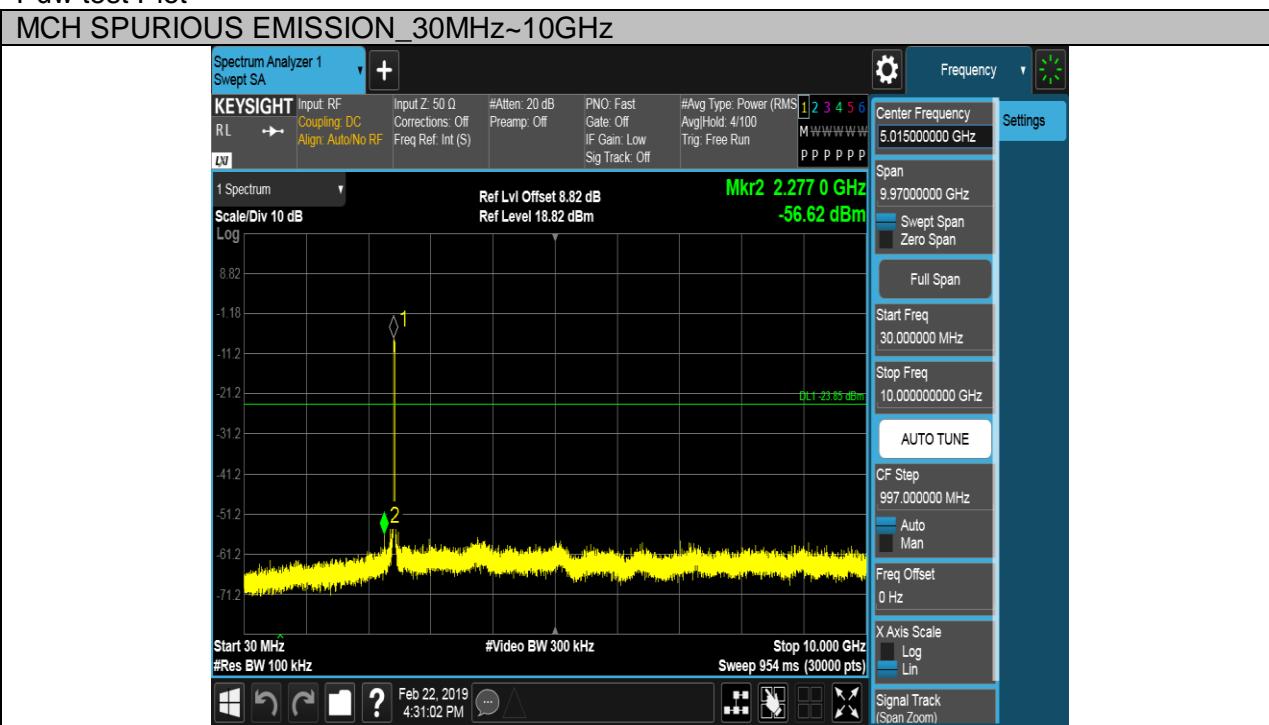


Test Mode	Channel	Verdict
11N HT20 SISO	MCH	PASS

## Pref test Plot

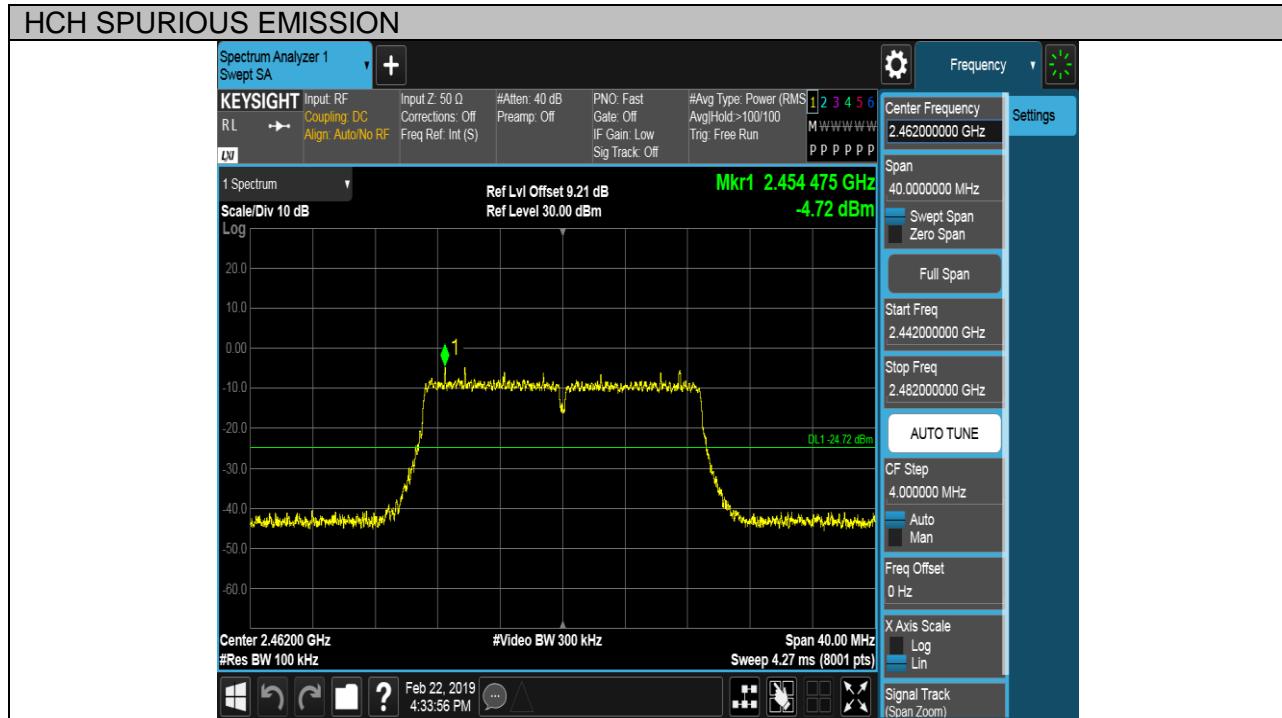


## Puw test Plot

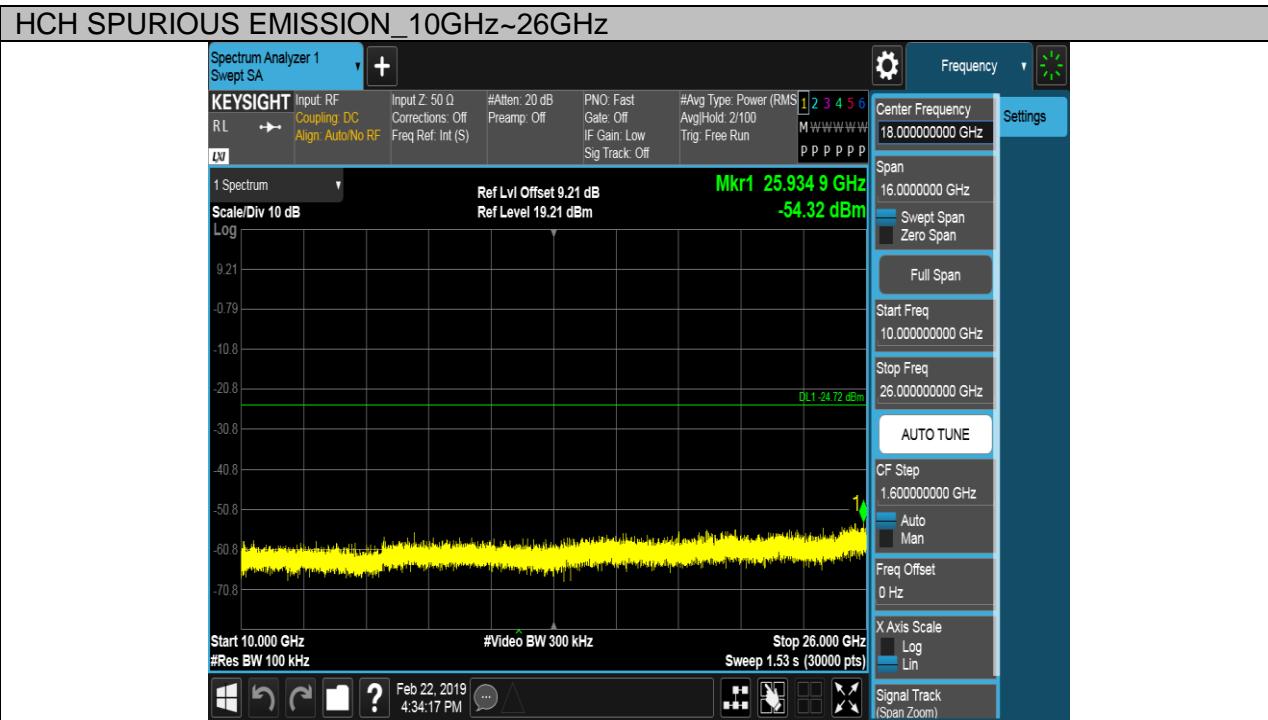
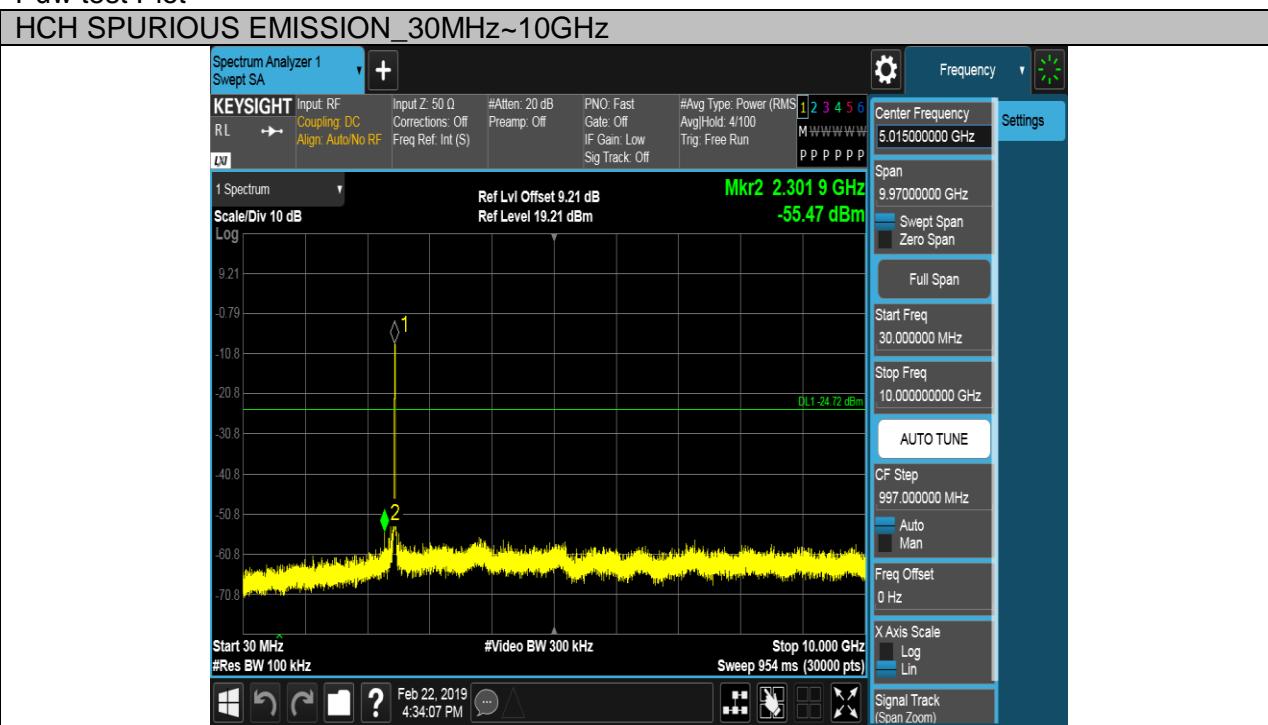


Test Mode	Channel	Verdict
11N HT20 SISO	HCH	PASS

## Pref test Plot



## Puw test Plot



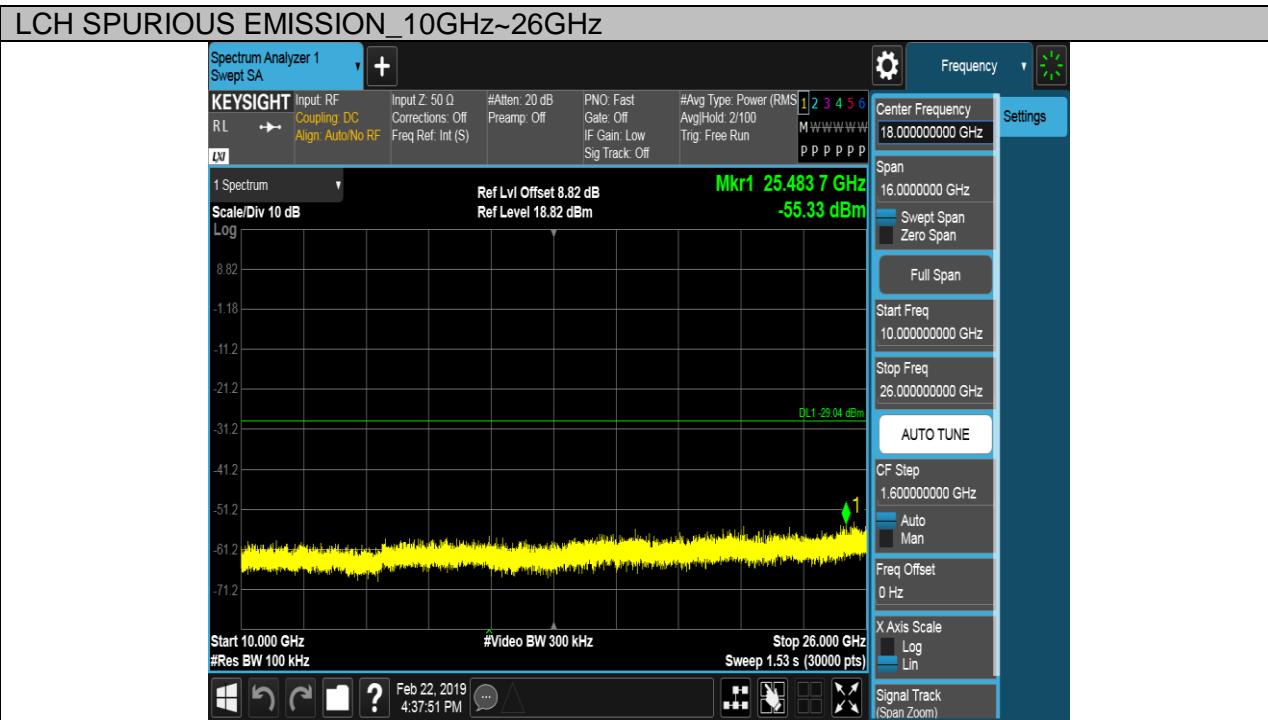
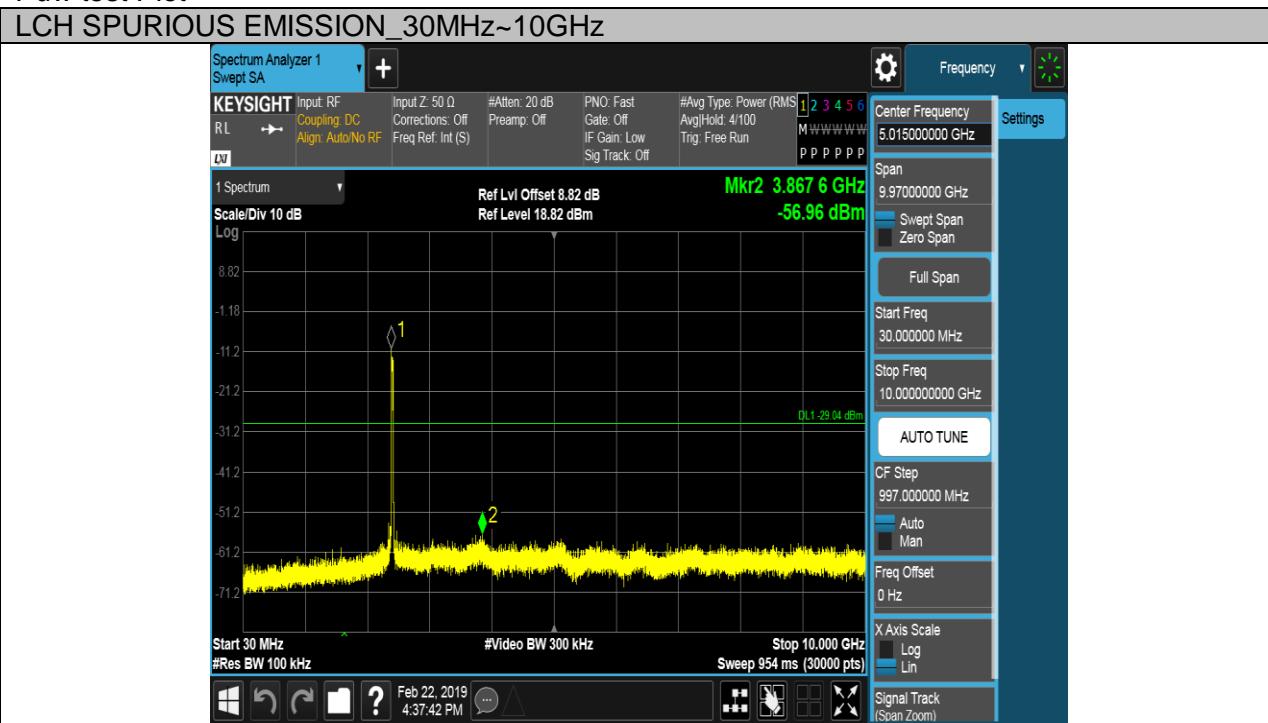
Test Mode	Channel	Verdict
11N HT40 SISO	LCH	PASS

## Pref test Plot

## LCH SPURIOUS EMISSION

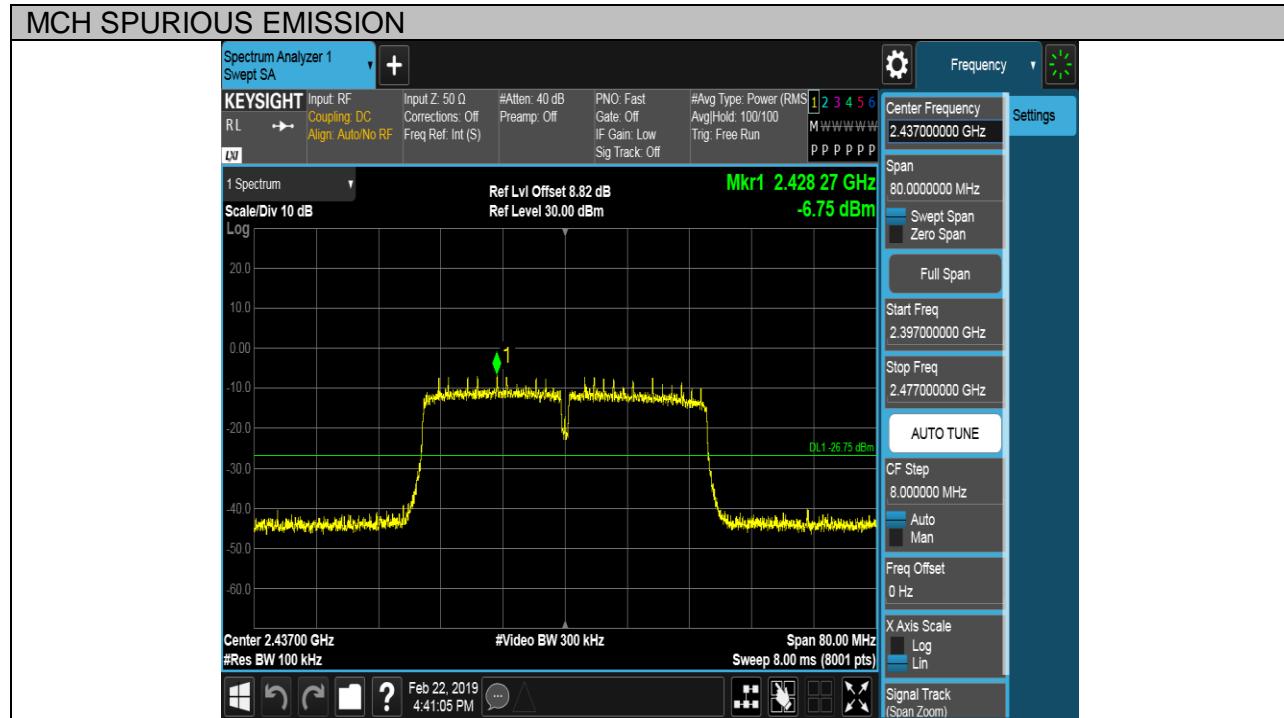


## Puw test Plot

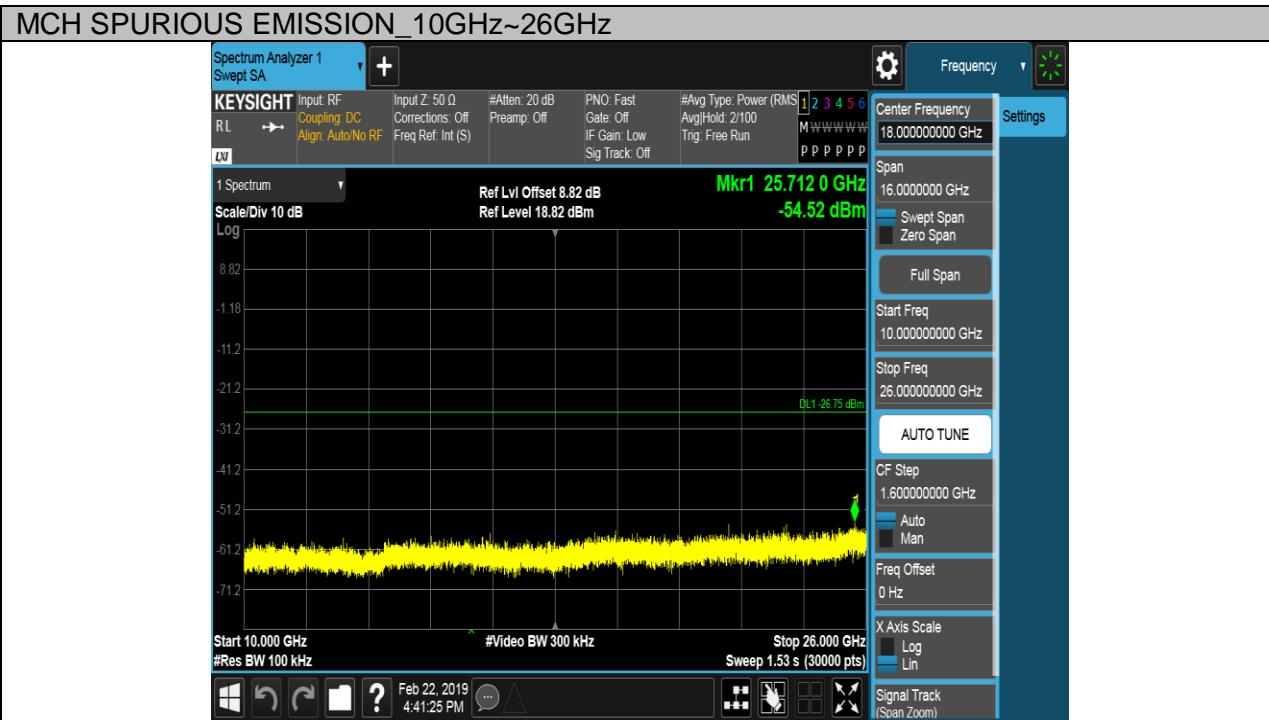
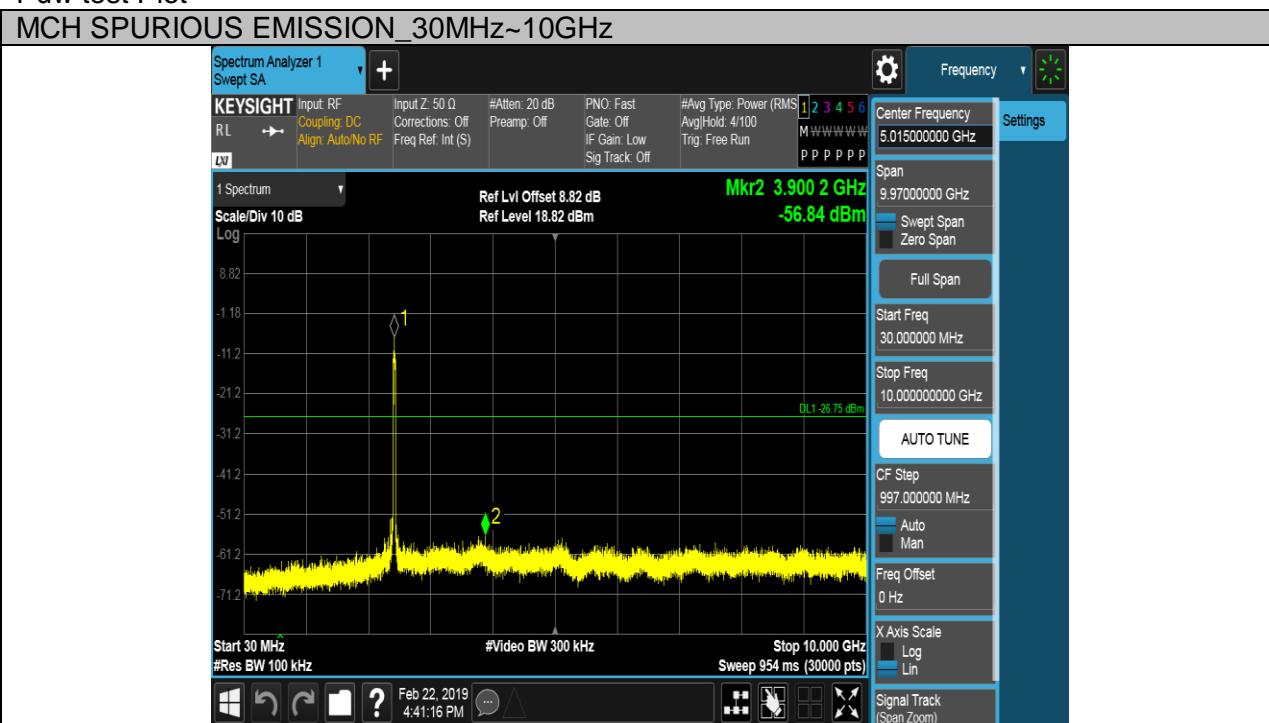


Test Mode	Channel	Verdict
11N HT40 SISO	MCH	PASS

## Pref test Plot

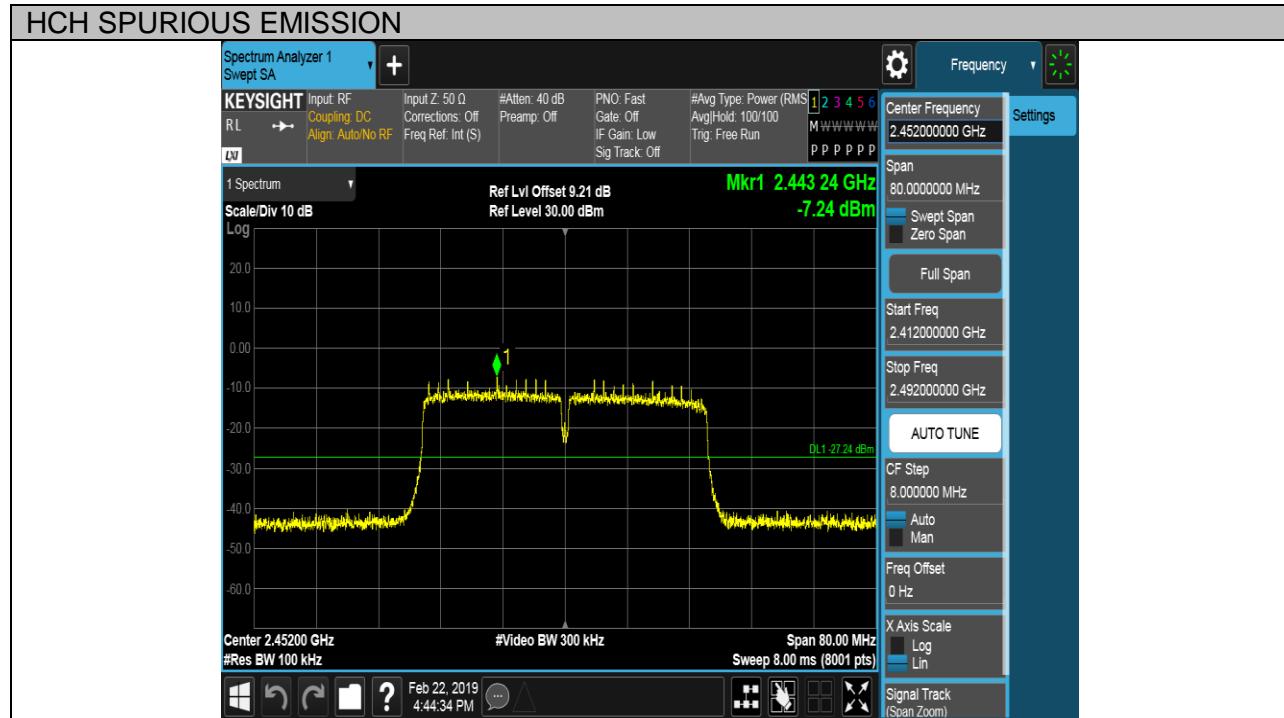


## Puw test Plot

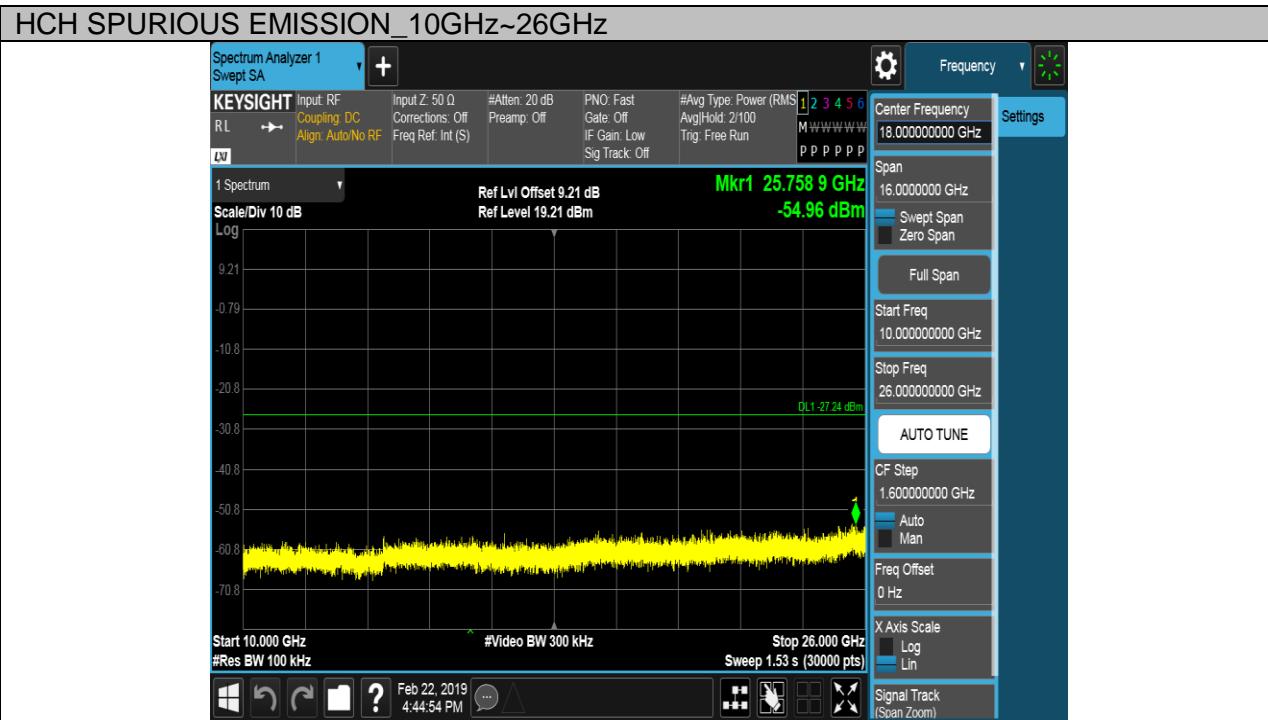
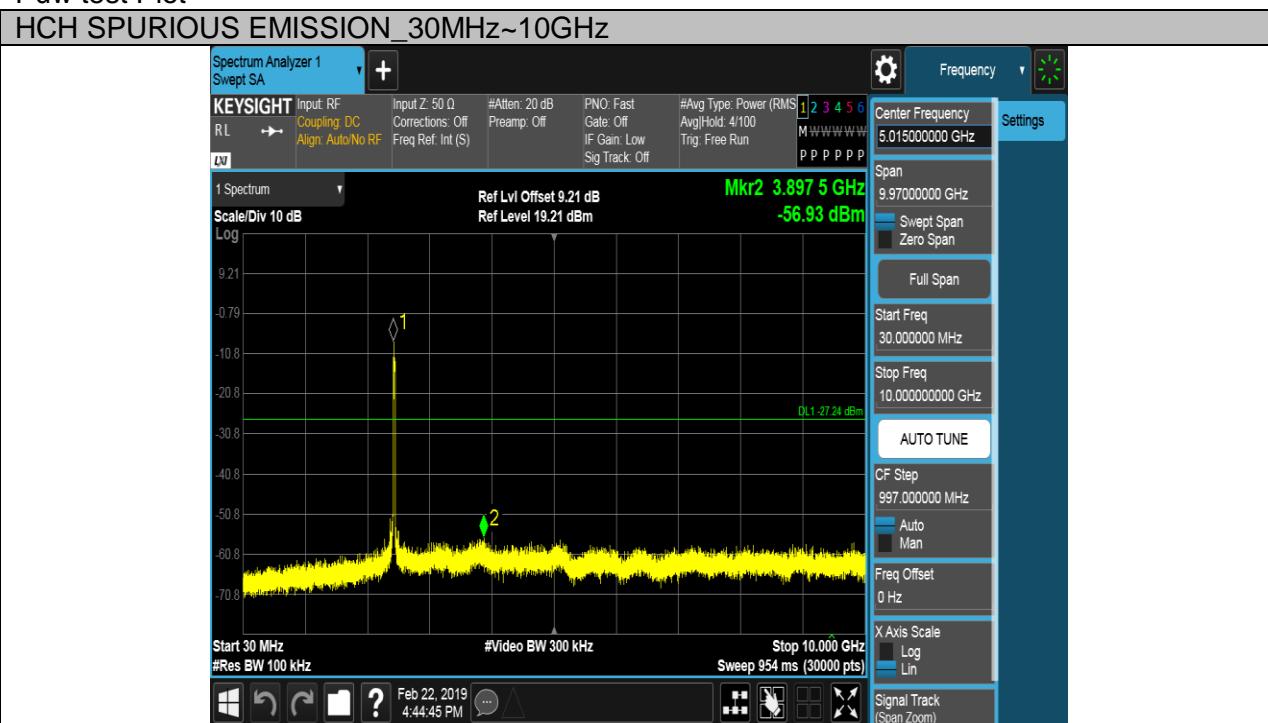


Test Mode	Channel	Verdict
11N HT40 SISO	HCH	PASS

## Pref test Plot



## Puw test Plot



## 9. RADIATED TEST RESULTS

### LIMITS

Please refer to CFR 47 FCC §15.205 and §15.209

Please refer to ISED RSS-GEN Clause 8.9 (Transmitter)

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

IC Restricted bands please refer to ISED RSS-GEN Clause 8.10

FCC Restricted bands of operation:

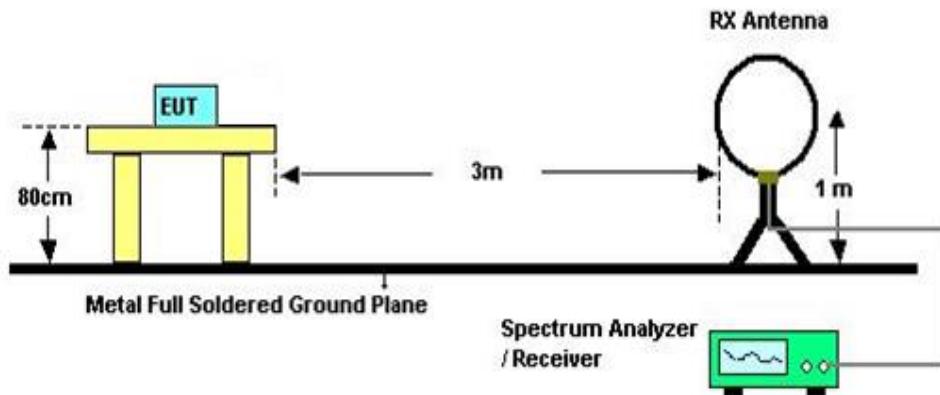
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5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

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

<sup>2</sup>Above 38.6c

## TEST SETUP AND PROCEDURE

Below 30MHz

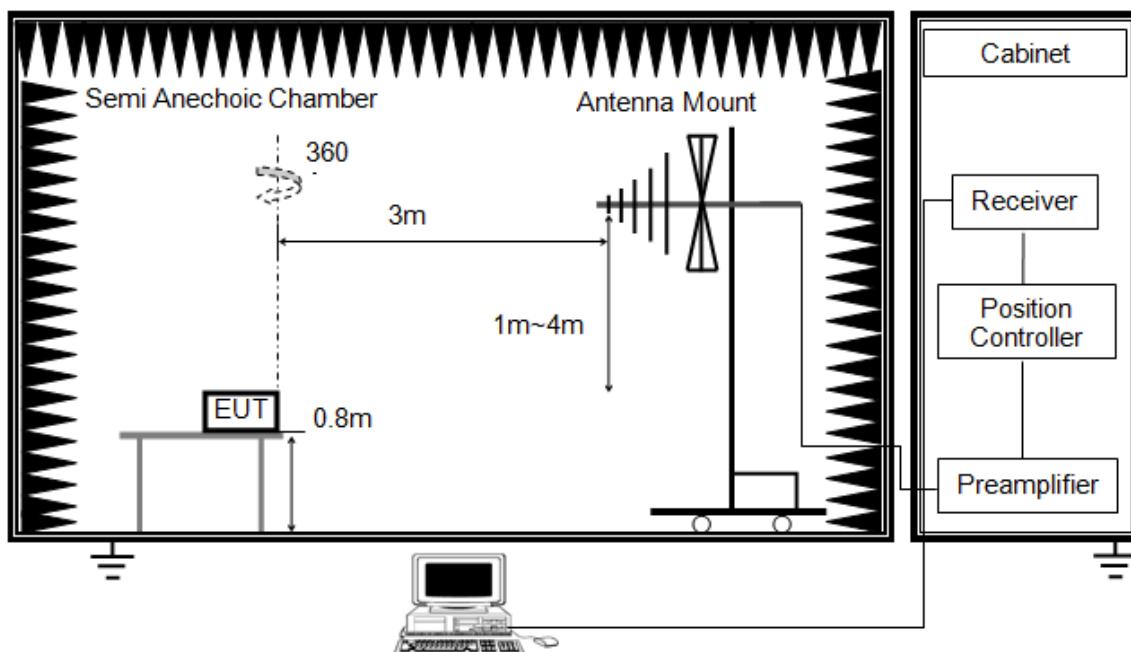


The setting of the spectrum analyser

RBW	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. 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. Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

Below 1G

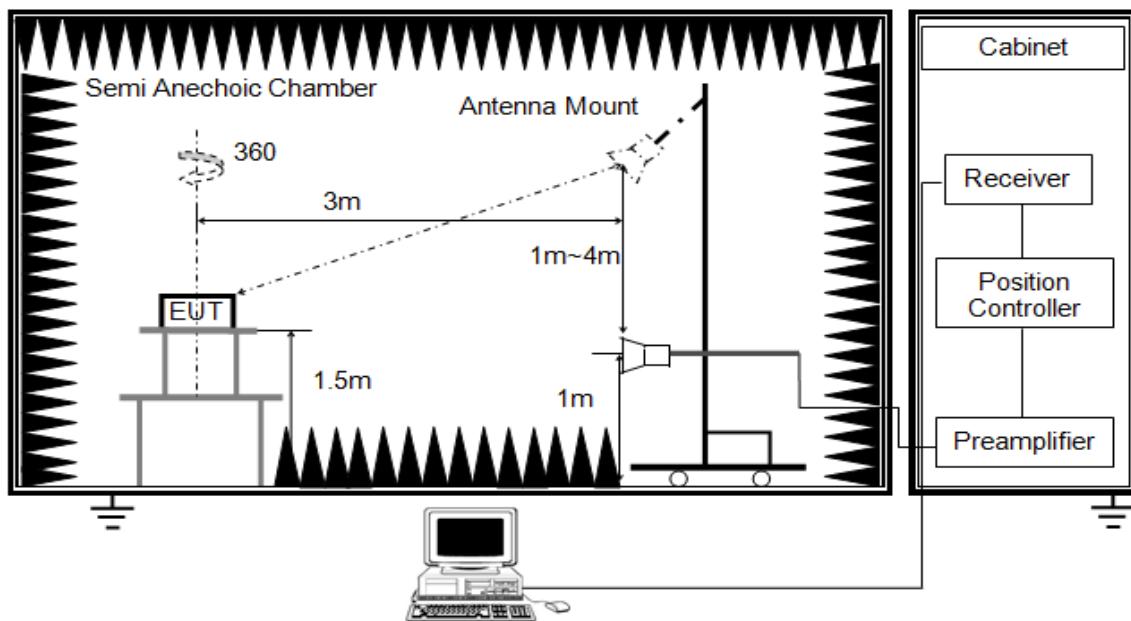


The setting of the spectrum analyser

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.

ABOVE 1G

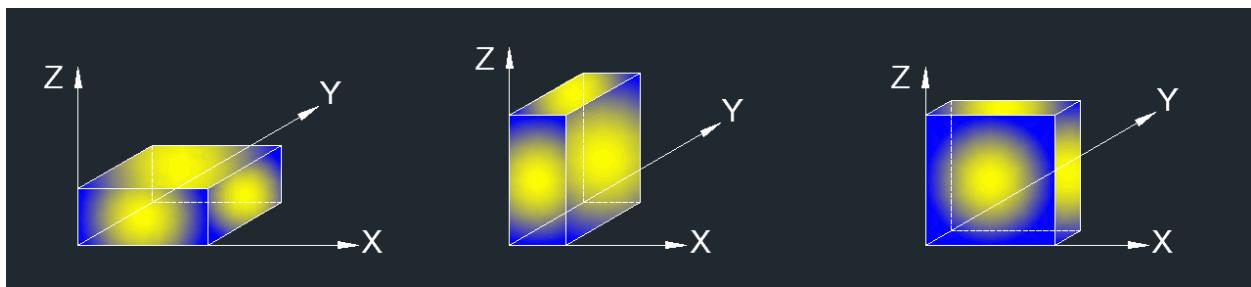


The setting of the spectrum analyser

RBW	1M
VBW	PEAK: 3M AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 8.1. ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X 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.

#### TEST ENVIRONMENT

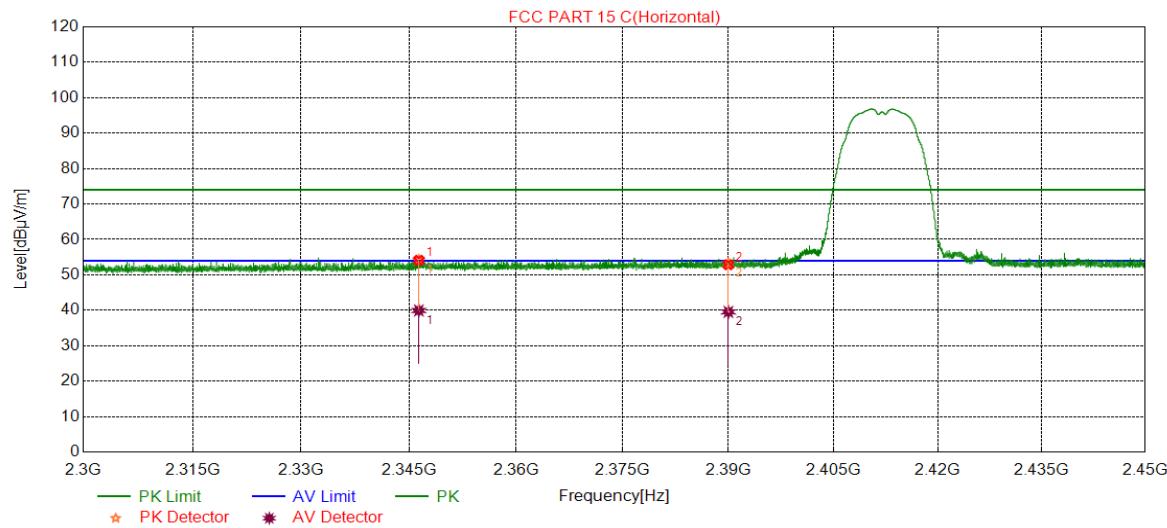
Temperature	25°C	Relative Humidity	58 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.4V

## 9.1. RESTRICTED BANEDGE

### 9.1.1. 802.11b MODE

#### RESTRICTED BANEDGE (LOW CHANNEL)

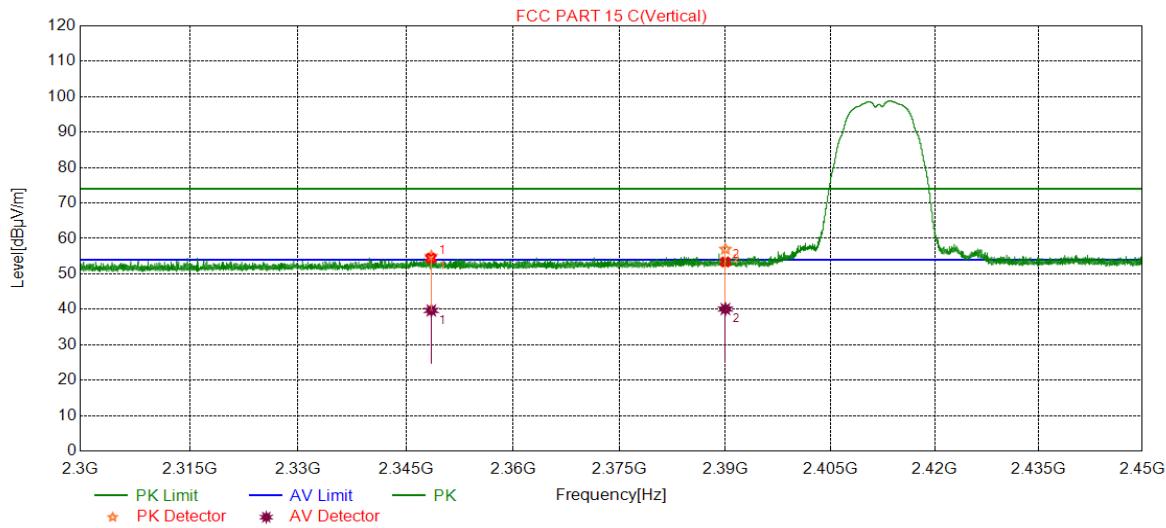
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	2346.3774	54.18	74.00	-19.82	Peak
		39.96	54.00	-14.04	Average
2	2390.0000	53.21	74.00	-20.79	Peak
		39.55	54.00	-14.45	Average

- Note:
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  - Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - AVG: VBW=10 Hz.
  - 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



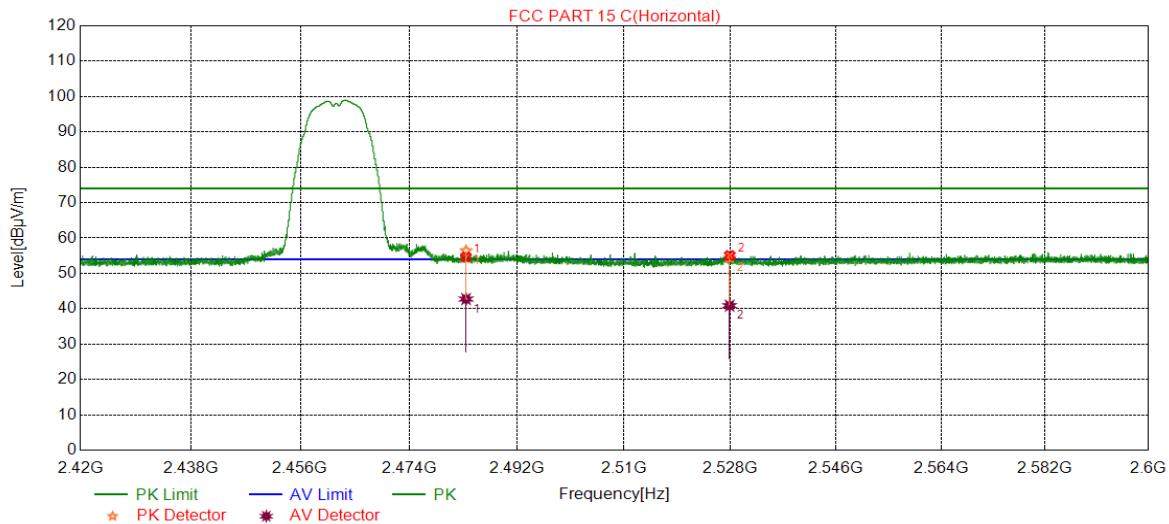
No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2348.5343	55.02	74.00	-18.98	Peak
		39.68	54.00	-14.32	Average
2	2390.0000	56.95	74.00	-17.05	Peak
		40.08	54.00	-13.92	Average

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. AVG: VBW=10 Hz.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

RESTRICTED BANDEDGE (HIGH CHANNEL)

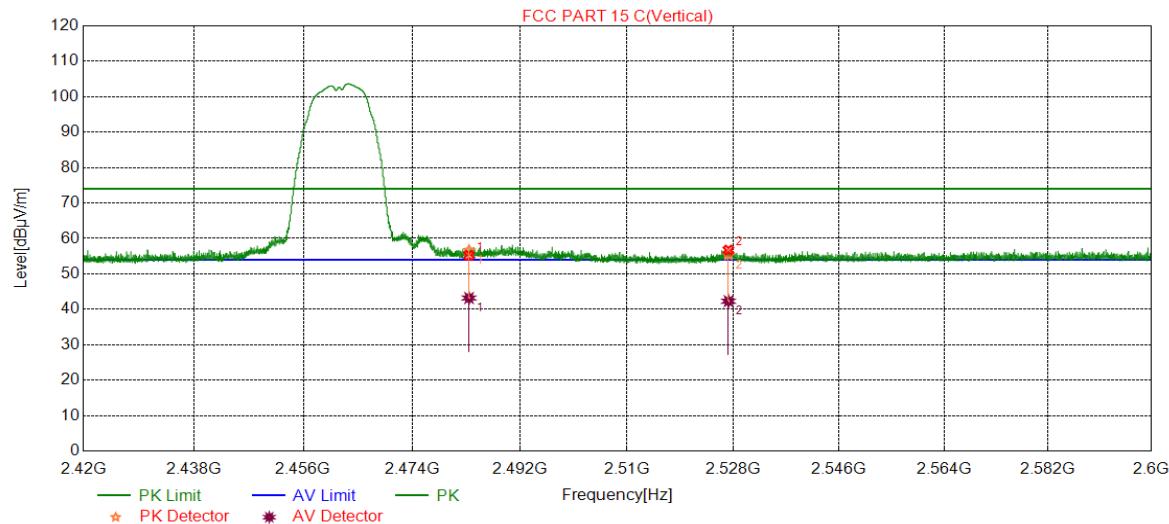
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	2483.5000	56.40	74.00	-17.60	Peak
		42.74	54.00	-11.26	Average
2	2527.8475	54.36	74.00	-19.64	Peak
		40.87	54.00	-13.13	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. AVG: VBW=10 Hz.  
 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



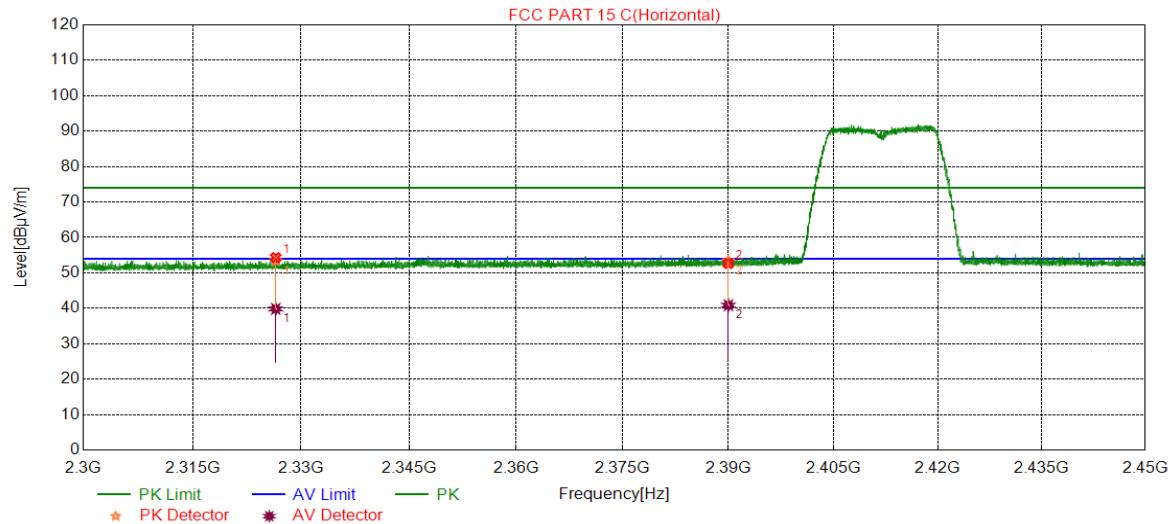
No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	2483.5000	56.61	74.00	-17.39	Peak
		43.19	54.00	-10.81	Average
2	2527.1519	55.30	74.00	-18.70	Peak
		42.29	54.00	-11.71	Average

Note:

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- AVG: VBW=10 Hz.
- Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**9.1.2. 802.11g MODE****RESTRICTED BANDEDGE (LOW CHANNEL)**

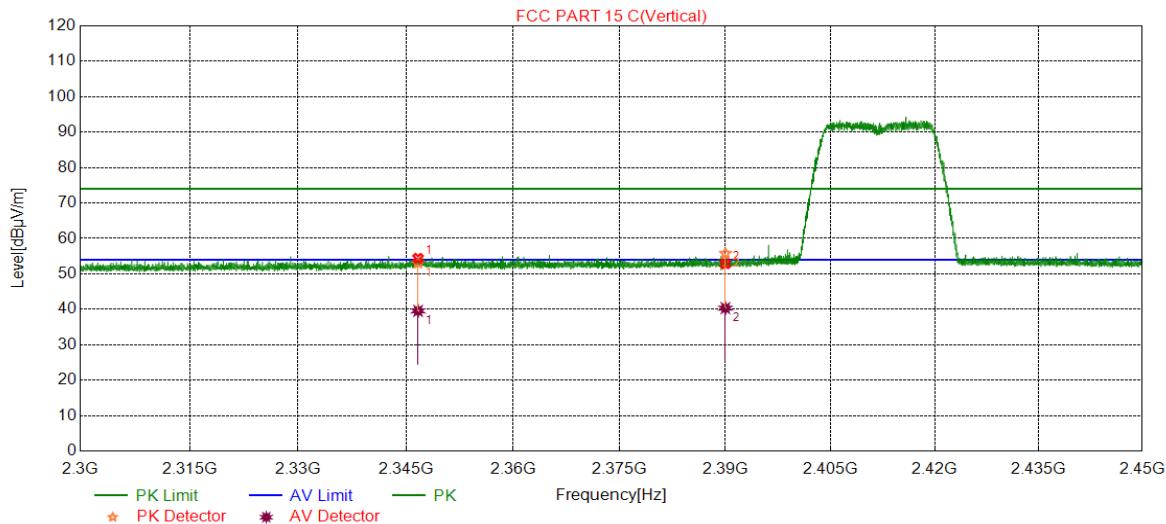
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.4834	53.45	74.00	-20.55	Peak
		39.83	54.00	-14.17	Average
2	2390.0000	53.43	74.00	-20.57	Peak
		40.87	54.00	-13.13	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. AVG: VBW=10 Hz.
  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



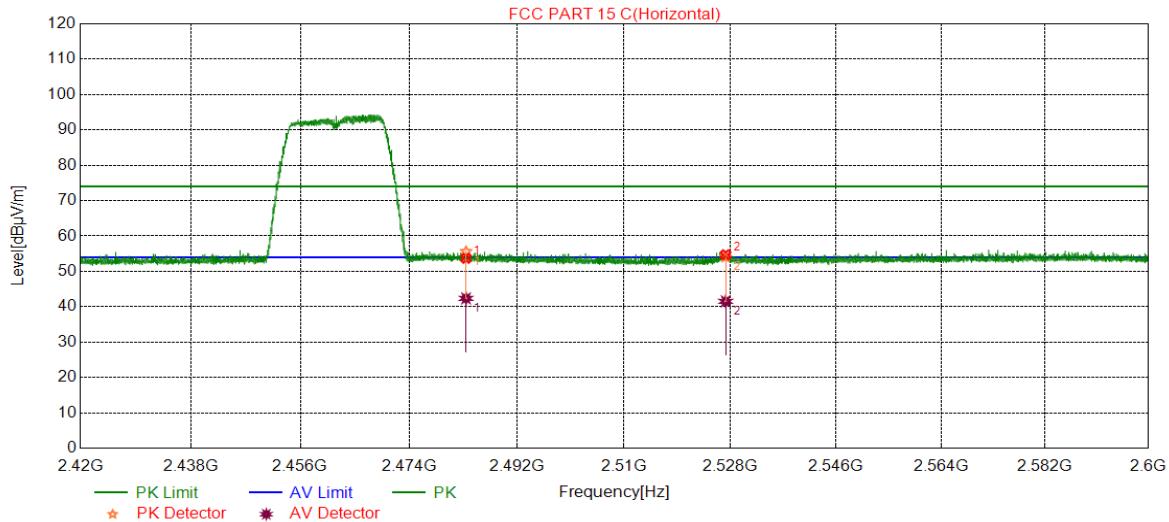
No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin	Remark
			(dBuV/m)	(dB)	
1	2346.6874	53.01	74.00	-20.99	Peak
		39.56	54.00	-14.44	Average
2	2390.0000	55.79	74.00	-18.21	Peak
		40.33	54.00	-13.67	Average

Note:

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- AVG: VBW=10 Hz.
- Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (HIGH CHANNEL)**

Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS

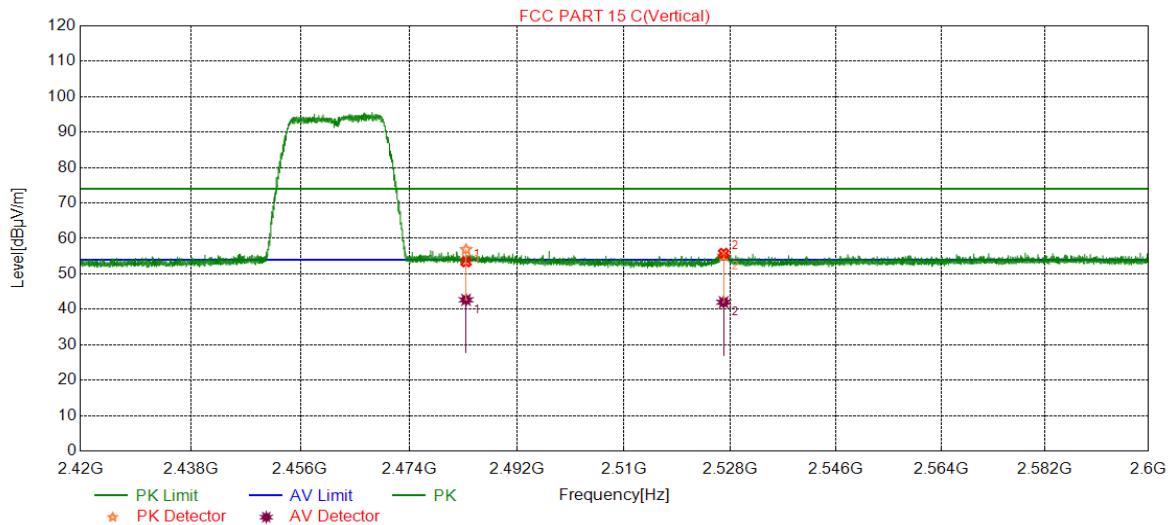


No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	2483.5000	55.63	74.00	-18.37	Peak
		42.36	54.00	-11.64	Average
2	2527.1827	54.04	74.00	-19.96	Peak
		41.51	54.00	-12.49	Average

Note:

- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- AVG: VBW=10 Hz.
- 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



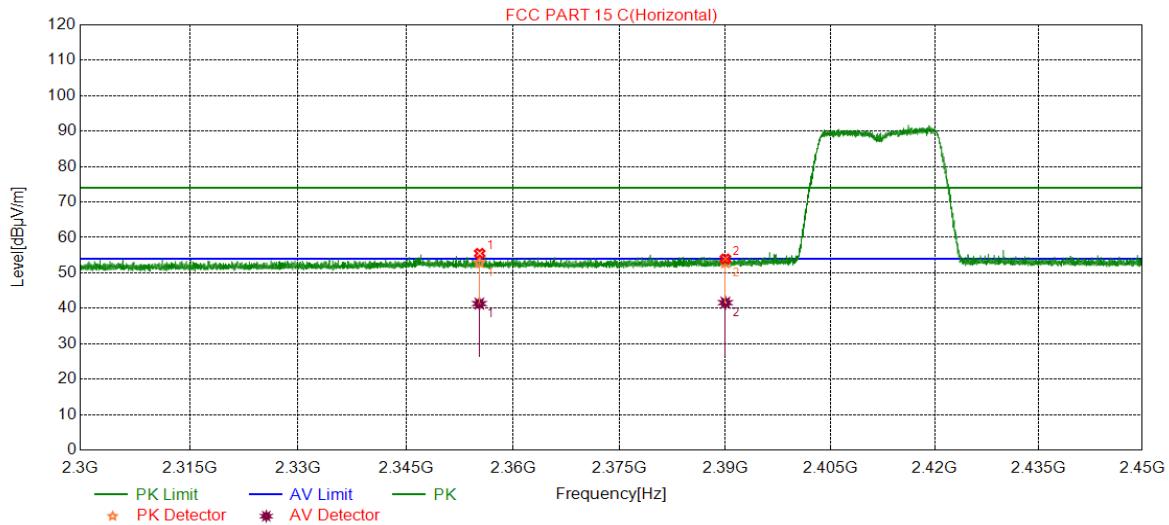
No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	2483.5000	56.88	74.00	-17.12	Peak
		42.67	54.00	-11.33	Average
2	2526.8407	55.05	74.00	-18.95	Peak
		41.99	54.00	-12.01	Average

- 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. AVG: VBW=10 Hz.
  4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

### 9.1.3. 802.11n HT20 MODE

#### RESTRICTED BANDEDGE (LOW CHANNEL)

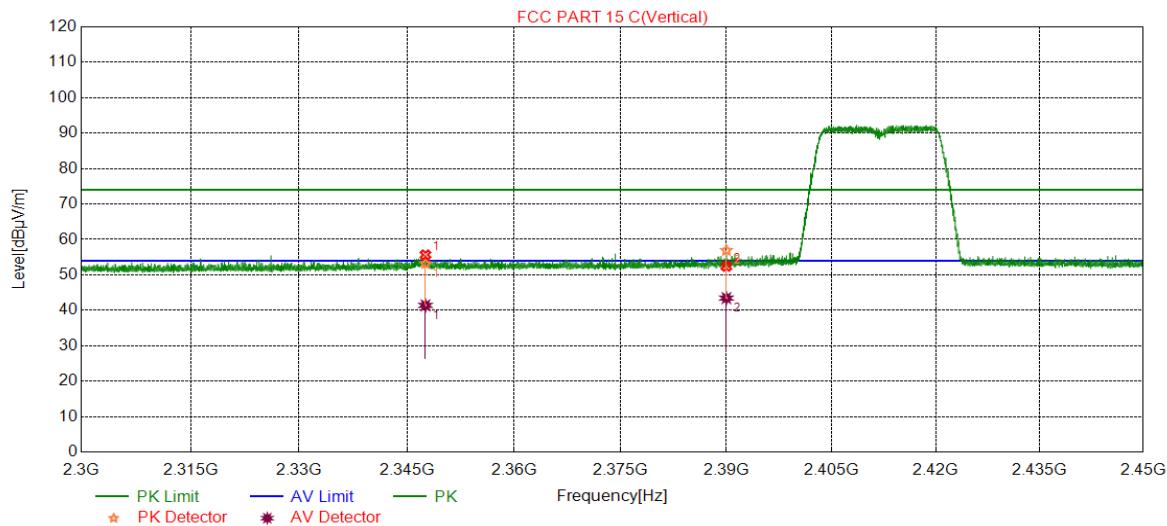
Test Mode	Channel	Polarization	Verdict
11N HT20 SISO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2355.2616	52.88	74.00	-21.12	Peak
		41.32	54.00	-12.68	Average
2	2390.0000	52.75	74.00	-21.25	Peak
		41.58	54.00	-12.42	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. AVG: VBW=10 Hz.
  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 SISO	LCH	Vertical	PASS

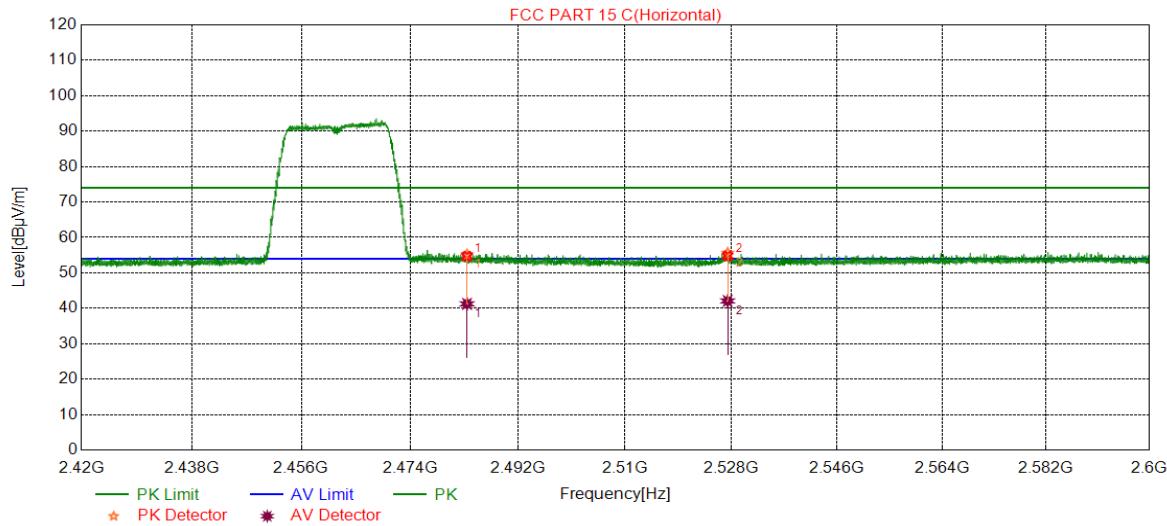


No.	Frequency (MHz)	Result (dB $\mu$ V/m)	Limit	Margin	Remark
			(dB $\mu$ V/m)	(dB)	
1	2347.5848	53.15	74.00	-20.85	Peak
		41.38	54.00	-12.62	Average
2	2390.0000	56.90	74.00	-17.10	Peak
		43.44	54.00	-10.56	Average

- 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. AVG: VBW=10 Hz.
  4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (HIGH CHANNEL)**

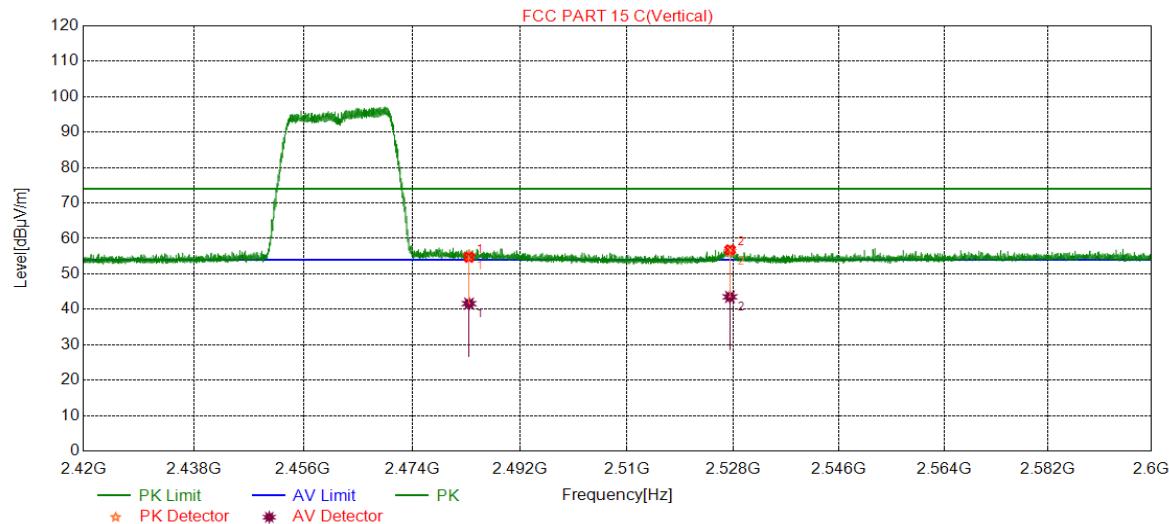
Test Mode	Channel	Polarization	Verdict
11N HT20 SISO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin	Remark
			(dBuV/m)	(dB)	
1	2483.5000	55.15	74.00	-18.85	Peak
		41.25	54.00	-12.75	Average
2	2527.3476	55.58	74.00	-18.42	Peak
		42.07	54.00	-11.93	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. AVG: VBW=10 Hz.
  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 SISO	HCH	Vertical	PASS



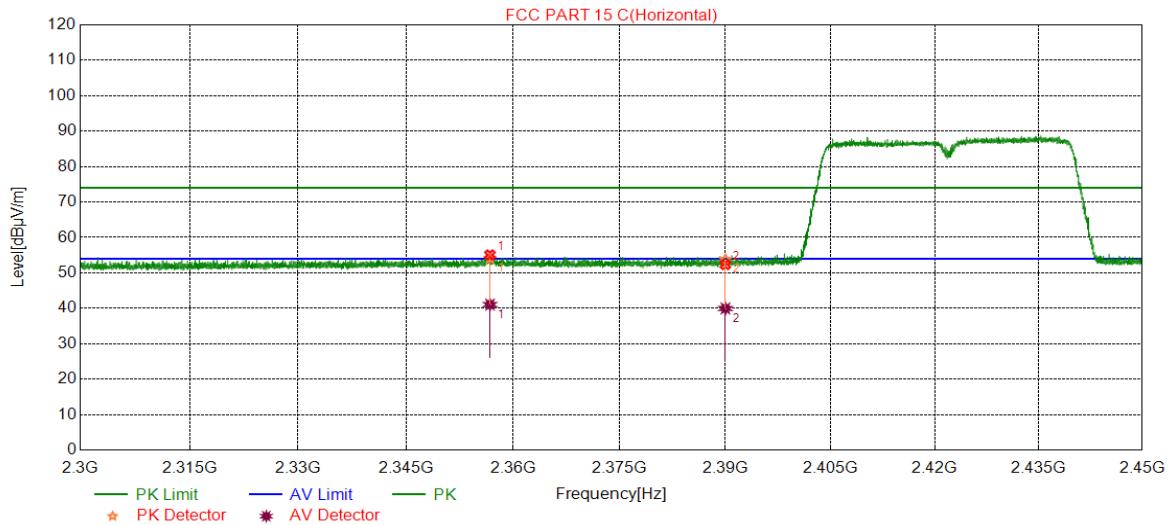
No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	2483.5000	55.04	74.00	-18.96	Peak
		41.61	54.00	-12.39	Average
2	2527.4014	56.37	74.00	-17.63	Peak
		43.50	54.00	-10.50	Average

- 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. AVG: VBW=10 Hz.
  4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

#### 9.1.4. 802.11n HT40 MODE

##### RESTRICTED BANDEDGE (LOW CHANNEL)

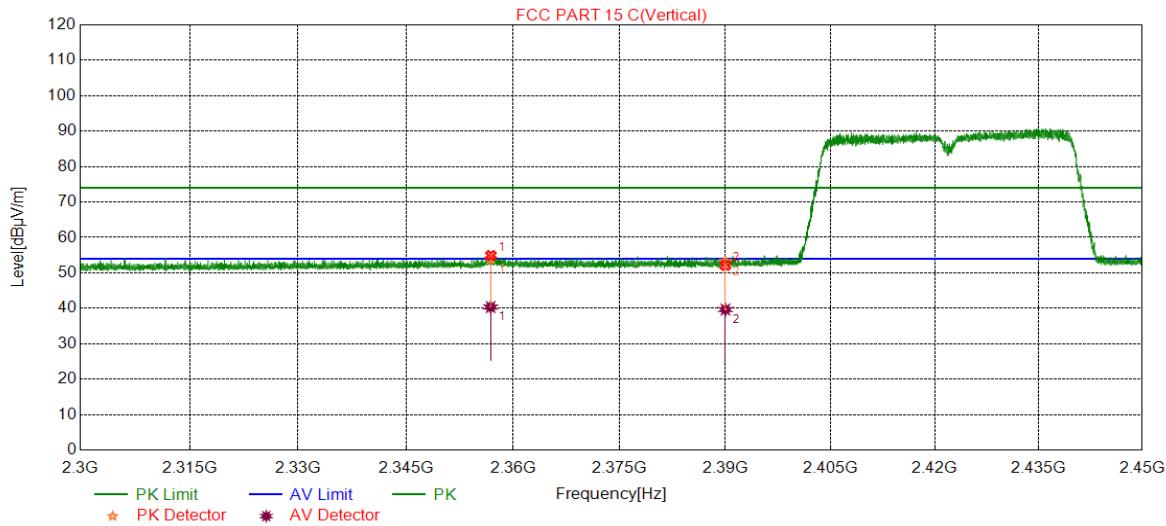
Test Mode	Channel	Polarization	Verdict
11N HT40 SISO	LCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dB <sub>u</sub> V/m)	Limit		Margin (dB)	Remark
			(dB <sub>u</sub> V/m)	(dB)		
1	2356.7553	54.05	74.00	-19.95	Peak	
		41.05	54.00	-12.95		Average
2	2390.0000	53.77	74.00	-20.23	Peak	
		39.95	54.00	-14.05		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. AVG: VBW=1/T Hz.
  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 SISO	LCH	Vertical	PASS

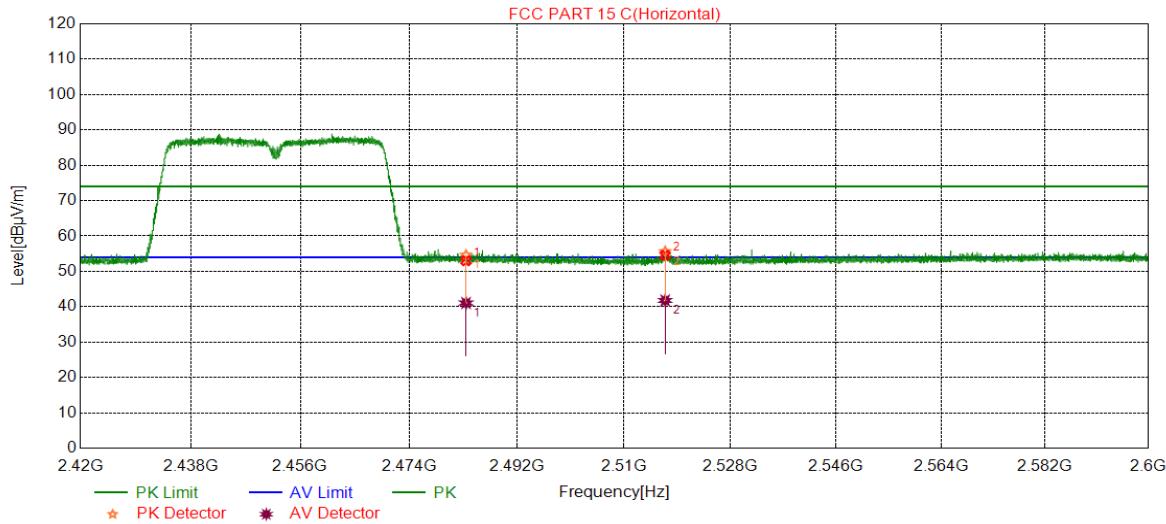


No.	Frequency (MHz)	Result (dB $\mu$ V/m)	Limit	Margin (dB)	Remark
			(dB $\mu$ V/m)		
1	2356.8449	53.94	74.00	-20.06	Peak
		40.35	54.00	-13.65	Average
2	2390.0000	53.16	74.00	-20.84	Peak
		39.65	54.00	-14.35	Average

- 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. AVG: VBW=1/T Hz.
  4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (HIGH CHANNEL)**

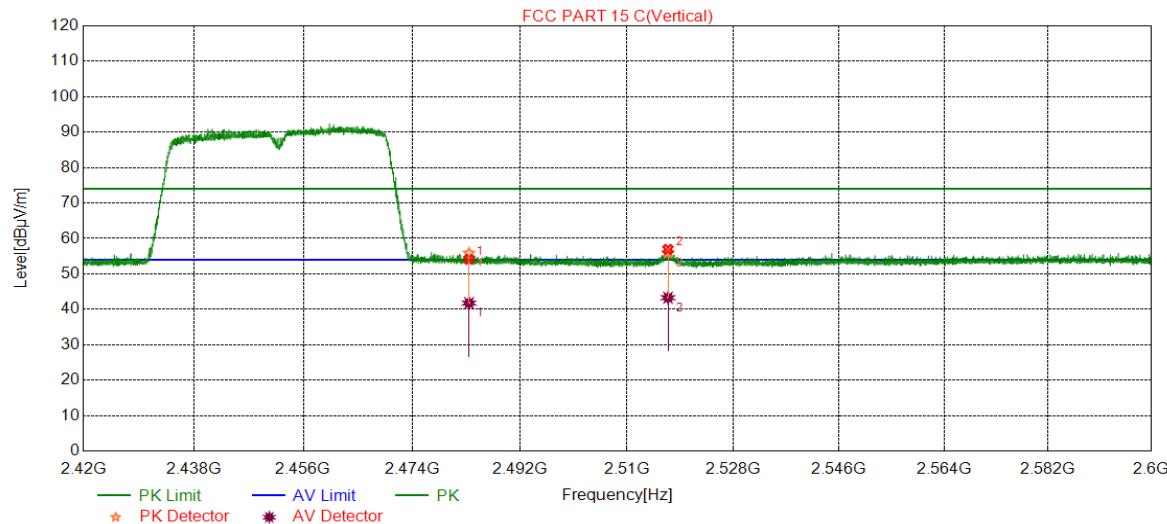
Test Mode	Channel	Polarization	Verdict
11N HT40 SISO	HCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	2483.5000	54.58	74.00	-19.42	Peak
		41.05	54.00	-12.95	Average
2	2516.9298	55.59	74.00	-18.41	Peak
		41.77	54.00	-12.23	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. AVG: VBW=1/T Hz.
  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 SISO	HCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	2483.5000	55.87	74.00	-18.13	Peak
		41.76	54.00	-12.24	Average
2	2516.9050	55.92	74.00	-18.08	Peak
		43.27	54.00	-10.73	Average

Note:

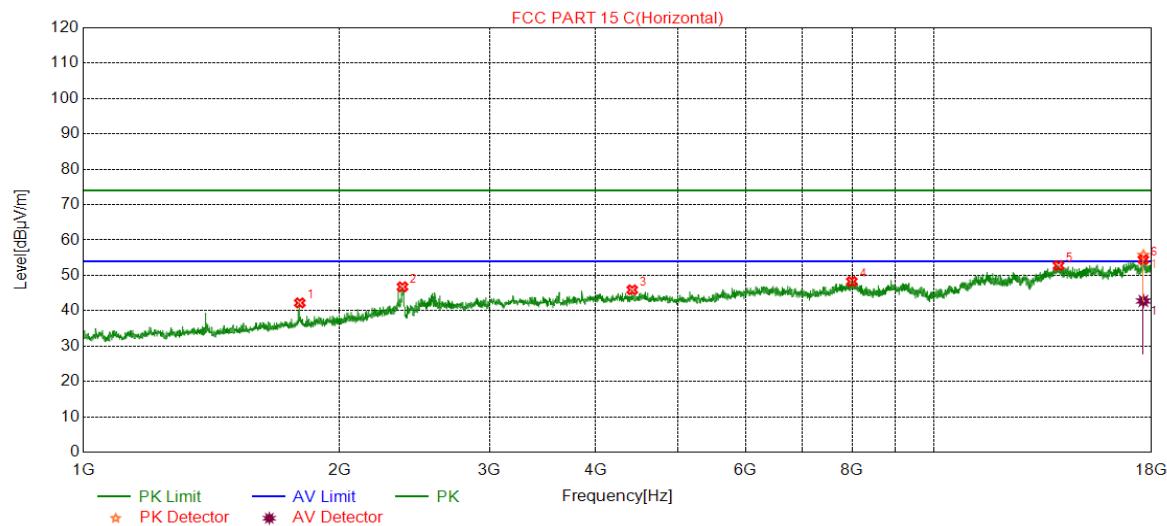
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. AVG: VBW=1/T Hz.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

## 9.2. SPURIOUS EMISSIONS (1~18GHz)

### 9.2.1. 802.11b MODE

#### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)

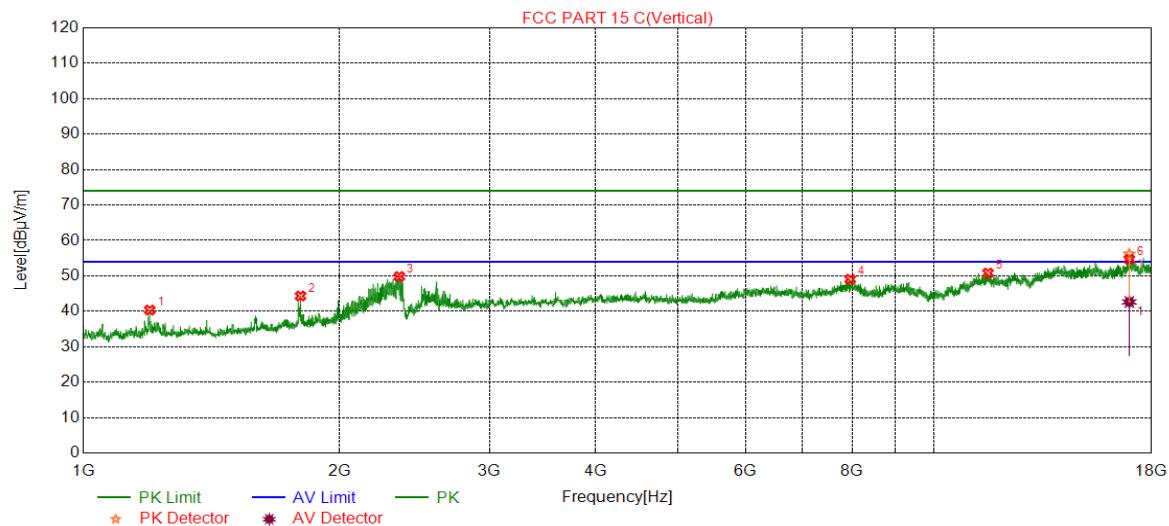
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1796.2654	42.21	74.00	-31.79	--	--	Peak
2	2371.1237	46.76	74.00	-27.24	--	--	Peak
3	4415.2359	45.90	74.00	-28.10	--	--	Peak
4	7998.3331	48.26	74.00	-25.74	--	--	Peak
5	13991.8320	52.75	74.00	-21.25	--	--	Peak
6	17602.4595	55.70	74.00	-18.30	--	--	Peak
		42.75	--	--	54.00	-11.25	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. AVG: VBW=10Hz.
  4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS

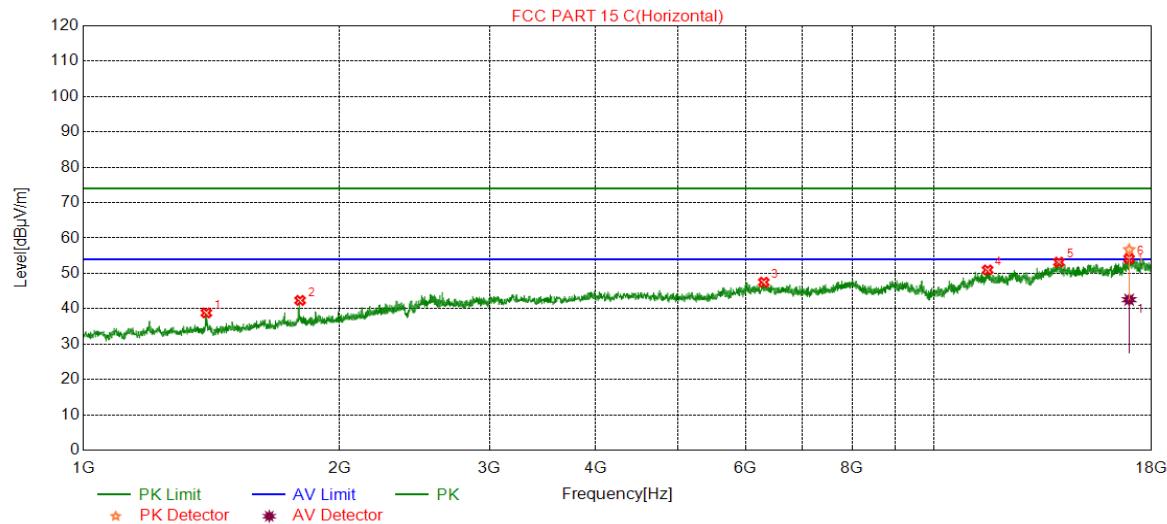


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1196.7322	40.34	74.00	-33.66	--	--	Peak
2	1799.5999	44.32	74.00	-29.68	--	--	Peak
3	2351.1170	49.82	74.00	-24.18	--	--	Peak
4	7963.3272	49.04	74.00	-24.96	--	--	Peak
5	11561.4269	50.79	74.00	-23.21	--	--	Peak
6	16944.8241	56.18	74.00	-17.82	--	--	Peak
		42.64	--	--	54.00	-11.36	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. AVG: VBW=10Hz.
  4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

### HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)

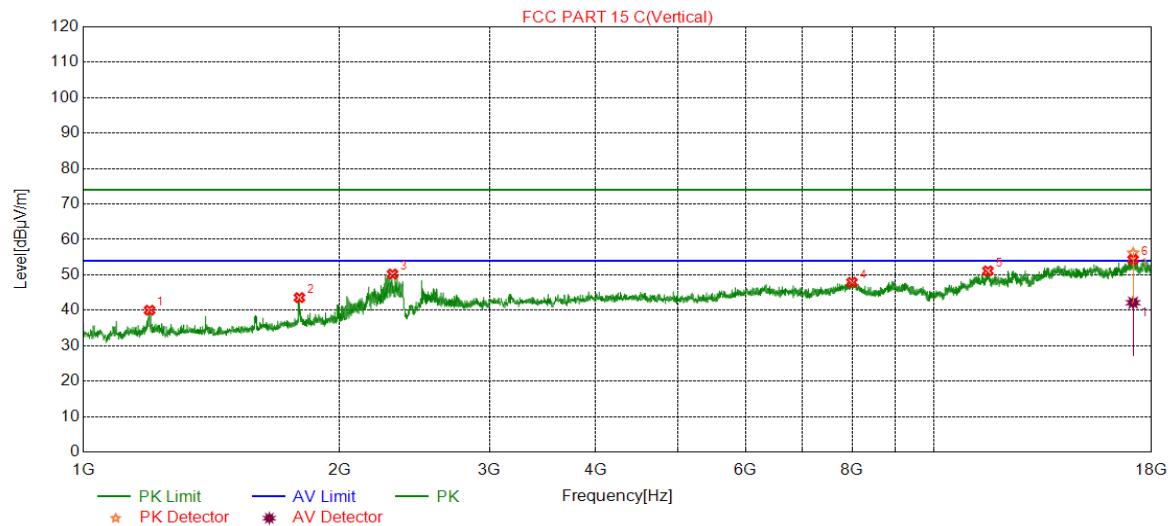
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1394.7983	38.82	74.00	-35.18	--	--	Peak
2	1797.5992	42.34	74.00	-31.66	--	--	Peak
3	6303.0505	47.49	74.00	-26.51	--	--	Peak
4	11548.9248	50.96	74.00	-23.04	--	--	Peak
5	14006.8345	53.16	74.00	-20.84	--	--	Peak
6	16937.2772	56.71	74.00	-17.29	--	--	Peak
		42.55	--	--	54.00	-11.45	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. AVG: VBW=10Hz.
  4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS

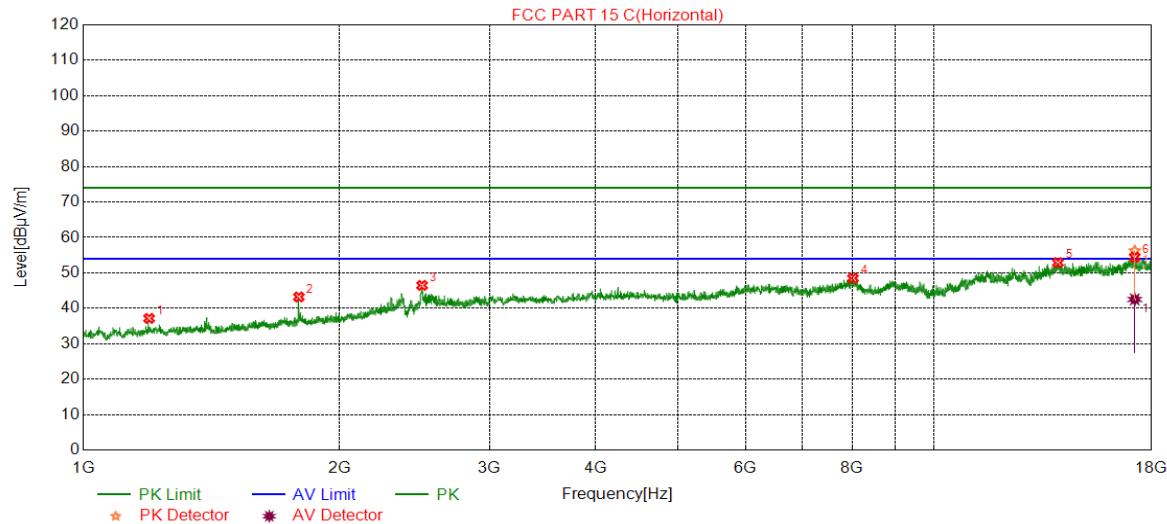


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1196.0654	40.02	74.00	-33.98	--	--	Peak
2	1794.2648	43.57	74.00	-30.43	--	--	Peak
3	2308.4361	50.24	74.00	-23.76	--	--	Peak
4	8000.8335	47.90	74.00	-26.10	--	--	Peak
5	11558.9265	51.13	74.00	-22.87	--	--	Peak
6	17119.8699	56.18	74.00	-17.82	--	--	Peak
		42.15	--	--	54.00	-11.85	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. AVG: VBW=10Hz.
  4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)**

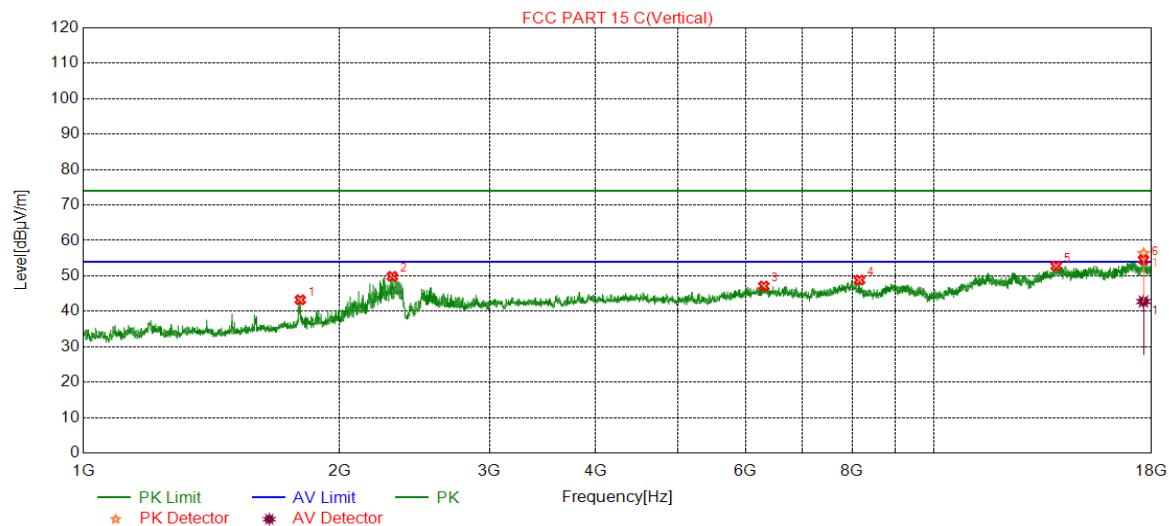
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1194.7316	37.15	74.00	-36.85	--	--	Peak
2	1791.5972	43.20	74.00	-30.80	--	--	Peak
3	2500.5002	46.46	74.00	-27.54	--	--	Peak
4	8023.3372	48.47	74.00	-25.53	--	--	Peak
5	13969.3282	52.87	74.00	-21.13	--	--	Peak
6	17197.3173	56.23	74.00	-17.77	--	--	Peak
		42.51	--	--	54.00	-11.49	Average

- Note:
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  - Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - AVG: VBW=10Hz.
  - Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  - Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11B	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	1798.2661	43.24	74.00	-30.76	--	--	Peak
2	2307.1024	49.85	74.00	-24.15	--	--	Peak
3	6303.0505	47.11	74.00	-26.89	--	--	Peak
4	8165.8610	48.81	74.00	-25.19	--	--	Peak
5	13901.8170	52.78	74.00	-21.22	--	--	Peak
6	17607.4579	56.33	74.00	-17.67	--	--	Peak
		42.77	--	--	54.00	-11.23	Average

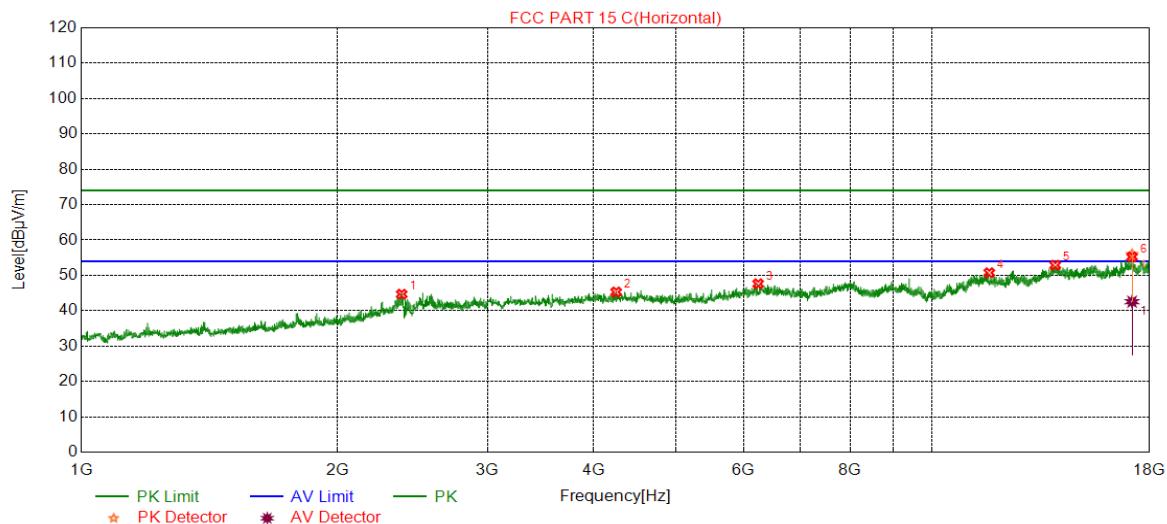
Note:

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. AVG: VBW=10Hz.
4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

### 9.2.2. 802.11g MODE

#### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)

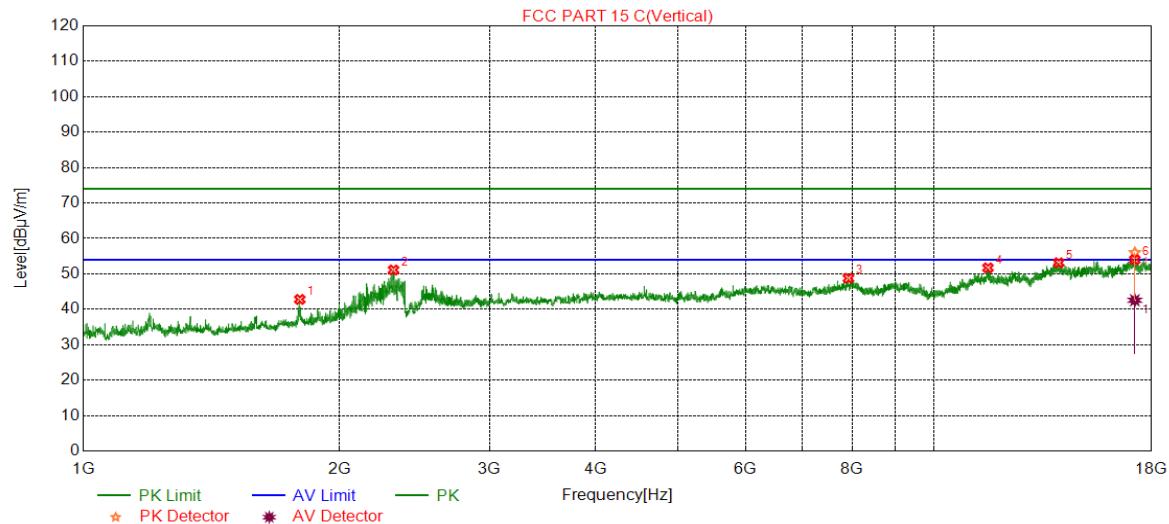
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	2379.1264	44.68	74.00	-29.32	--	--	Peak
2	4250.2084	45.29	74.00	-28.71	--	--	Peak
3	6240.5401	47.62	74.00	-26.38	--	--	Peak
4	11663.9440	50.73	74.00	-23.27	--	--	Peak
5	13941.8236	52.87	74.00	-21.13	--	--	Peak
6	17164.8847	55.90	74.00	-18.10	--	--	Peak
		42.55	--	--	54.00	-11.45	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. AVG: VBW=10Hz.
  4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS

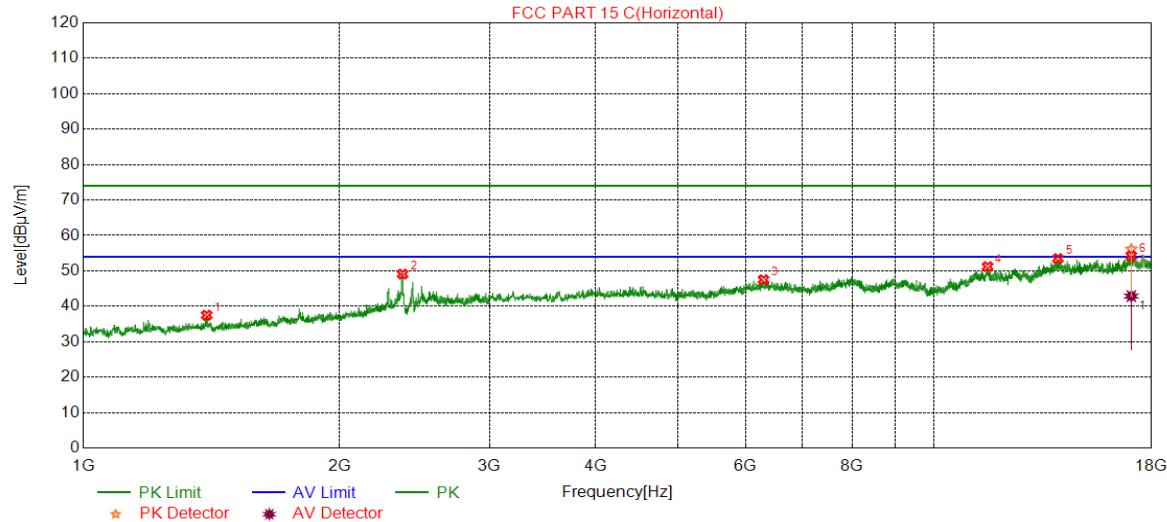


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1796.2654	42.79	74.00	-31.21	--	--	Peak
2	2314.4381	51.10	74.00	-22.90	--	--	Peak
3	7925.8210	48.75	74.00	-25.25	--	--	Peak
4	11561.4269	51.70	74.00	-22.30	--	--	Peak
5	13999.3332	53.13	74.00	-20.87	--	--	Peak
6	17199.8280	56.01	74.00	-17.99	--	--	Peak
		42.55	--	--	54.00	-11.45	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. AVG: VBW=10Hz.
  4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)**

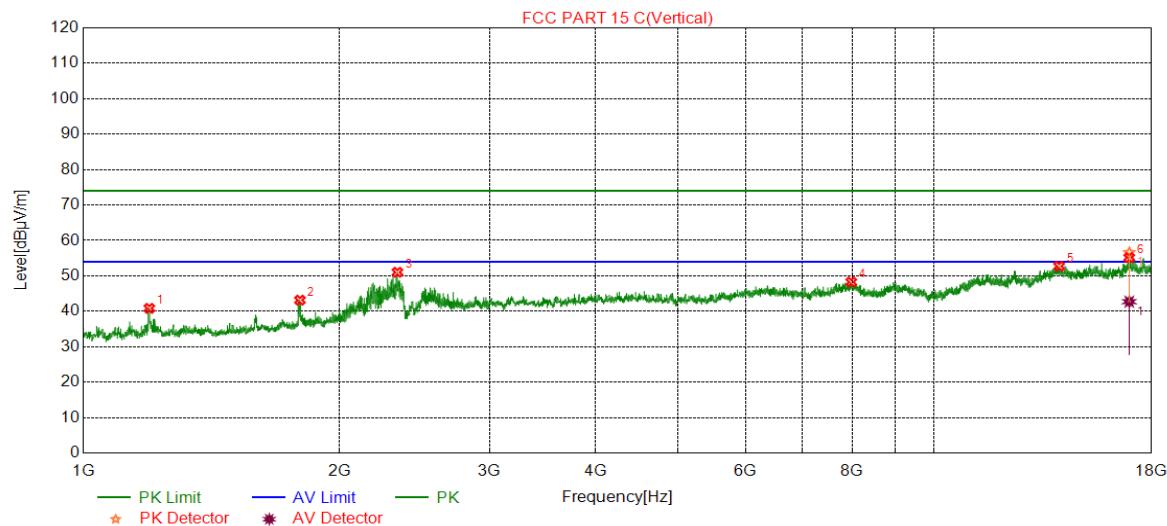
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1396.1320	37.48	74.00	-36.52	--	--	Peak
2	2371.7906	49.09	74.00	-24.91	--	--	Peak
3	6298.0497	47.50	74.00	-26.50	--	--	Peak
4	11548.9248	51.20	74.00	-22.80	--	--	Peak
5	13969.3282	53.46	74.00	-20.54	--	--	Peak
6	17037.3701	56.16	74.00	-17.84	--	--	Peak
		42.88	--	--	54.00	-11.12	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. AVG: VBW=10Hz.
  4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS

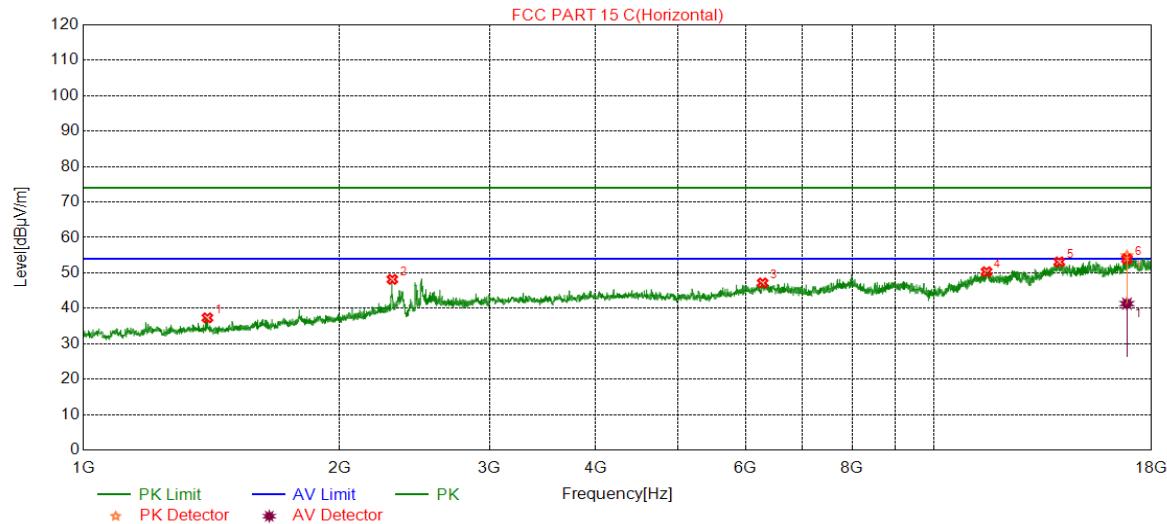


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1195.3985	40.83	74.00	-33.17	--	--	Peak
2	1796.9323	43.15	74.00	-30.85	--	--	Peak
3	2339.1130	51.02	74.00	-22.98	--	--	Peak
4	7985.8310	48.25	74.00	-25.75	--	--	Peak
5	14014.3357	52.72	74.00	-21.28	--	--	Peak
6	16942.3060	56.58	74.00	-17.42	--	--	Peak
		42.72	--	--	54.00	-11.28	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. AVG: VBW=10Hz.
  4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)**

Test Mode	Channel	Polarization	Verdict
11G	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	1398.7996	37.31	74.00	-36.69	--	--	Peak
2	2307.1024	48.17	74.00	-25.83	--	--	Peak
3	6283.0472	47.15	74.00	-26.85	--	--	Peak
4	11516.4194	50.30	74.00	-23.70	--	--	Peak
5	14021.8370	53.10	74.00	-20.90	--	--	Peak
6	16837.2628	54.84	74.00	-19.16	--	--	Peak
		41.32	--	--	54.00	-12.68	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. AVG: VBW=10Hz.
  4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
  5. Proper operation of the transmitter prior to adding the filter to the measurement chain.