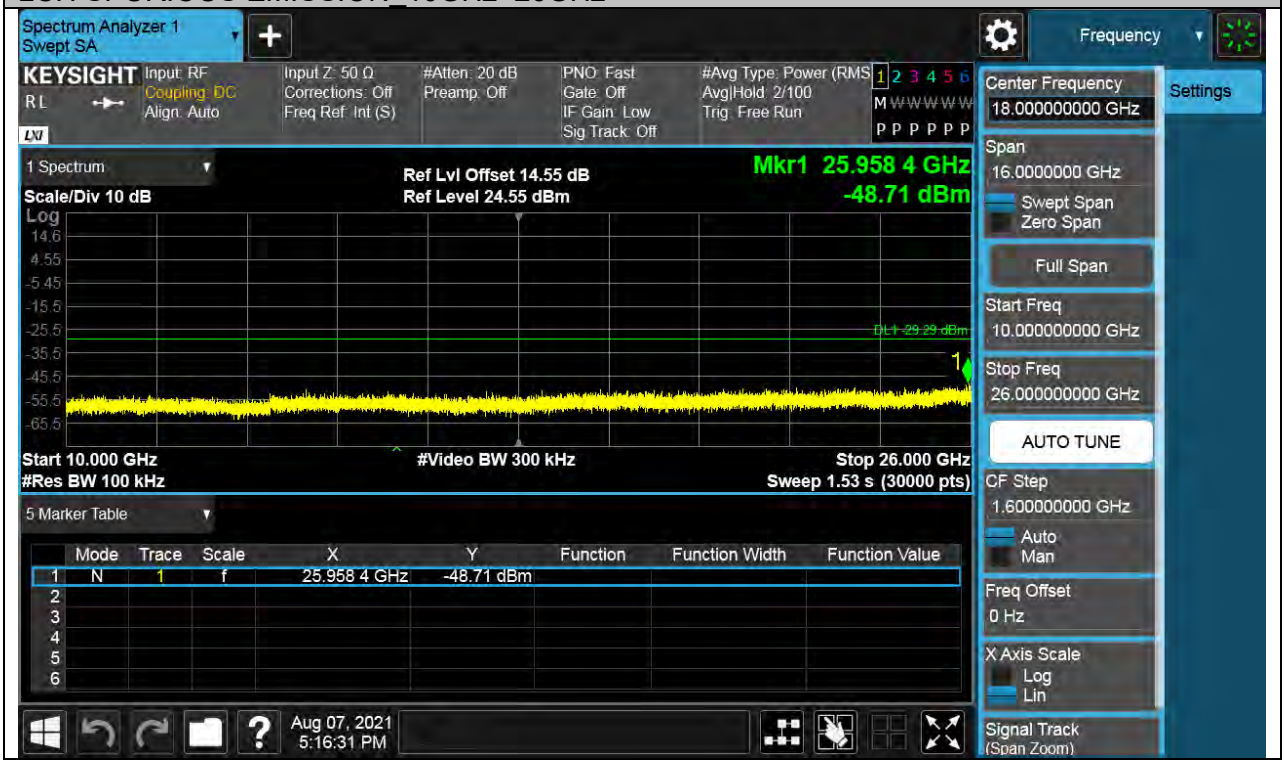
Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz

LCH SPURIOUS EMISSION_10GHz~26GHz



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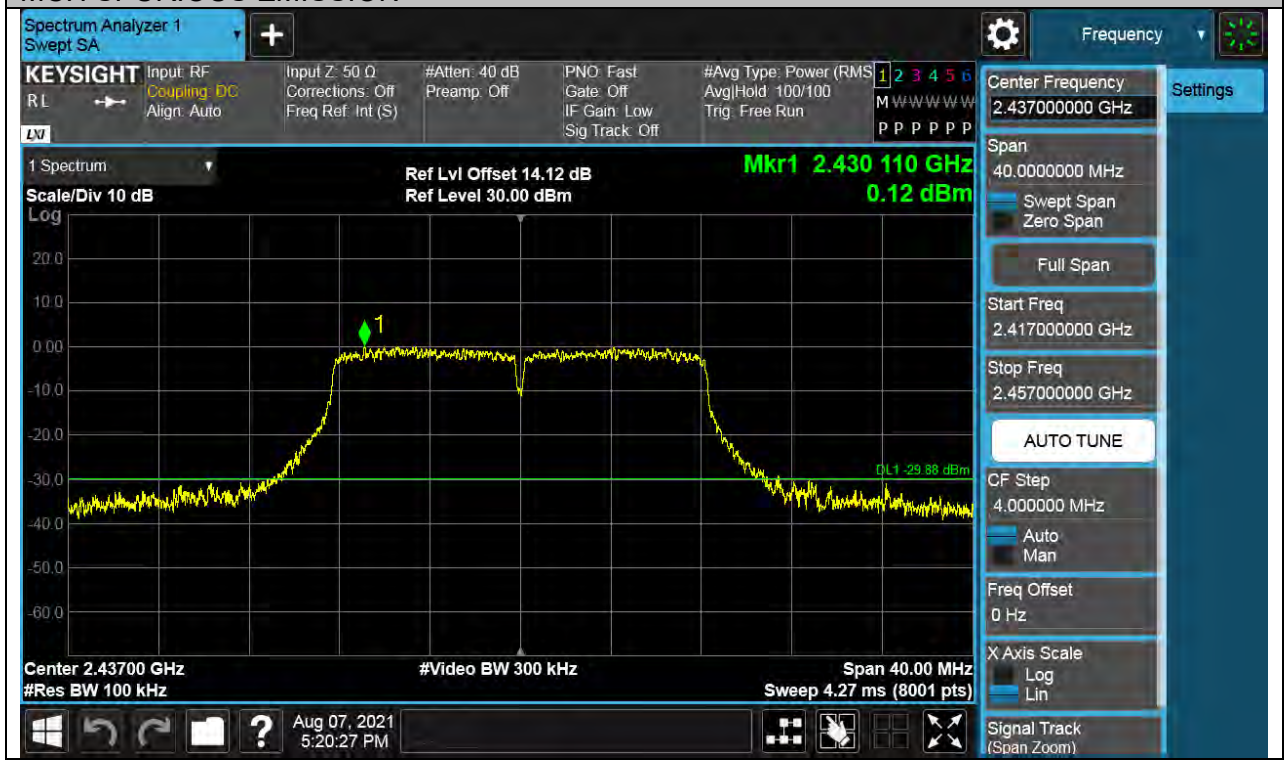
Test Mode	Channel	Verdict
11G	MCH	PASS

Pref test Plot

MCH SPURIOUS EMISSION



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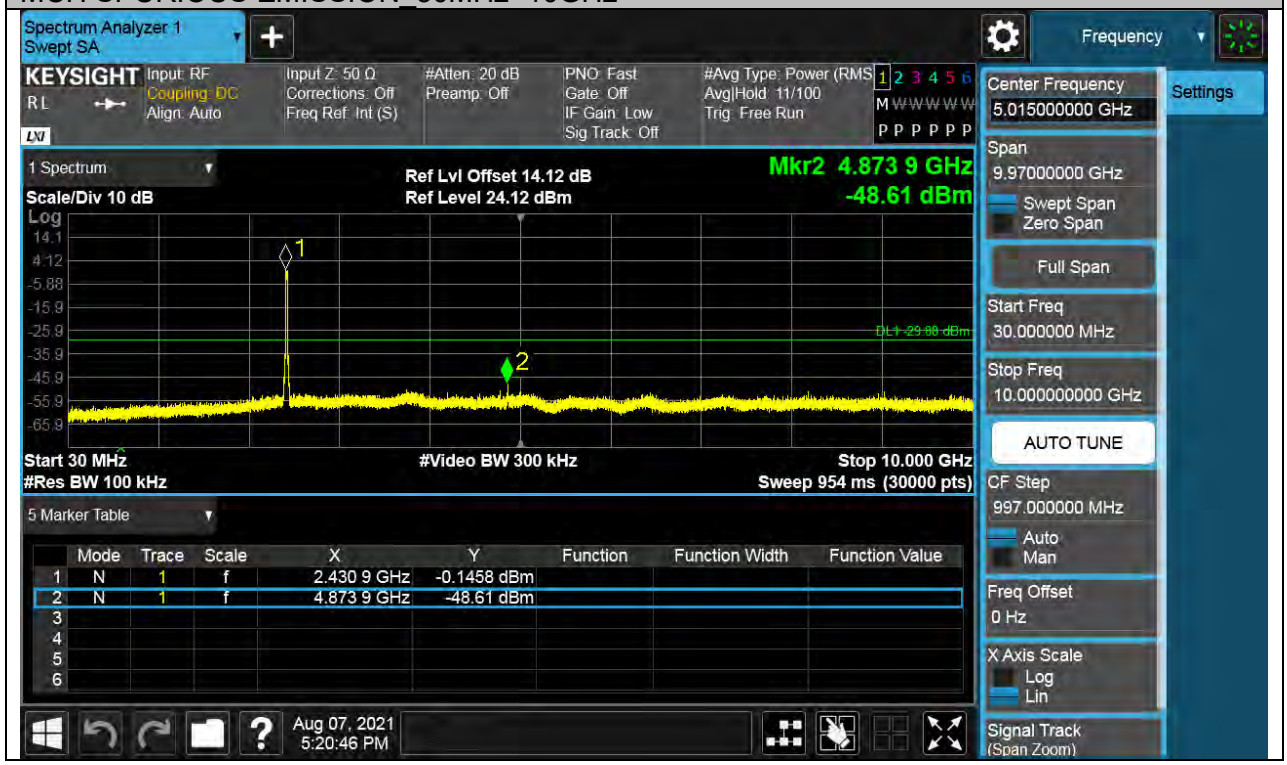
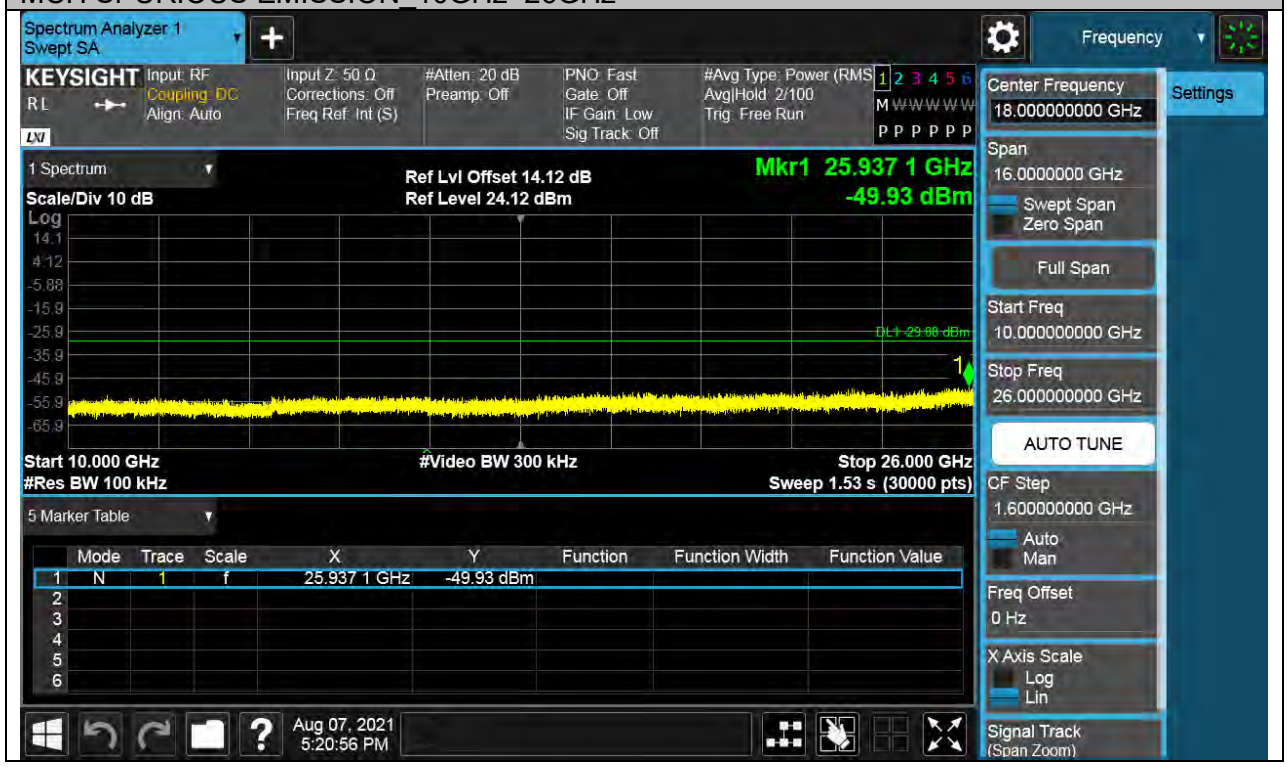
Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz



MCH SPURIOUS EMISSION_10GHz~26GHz



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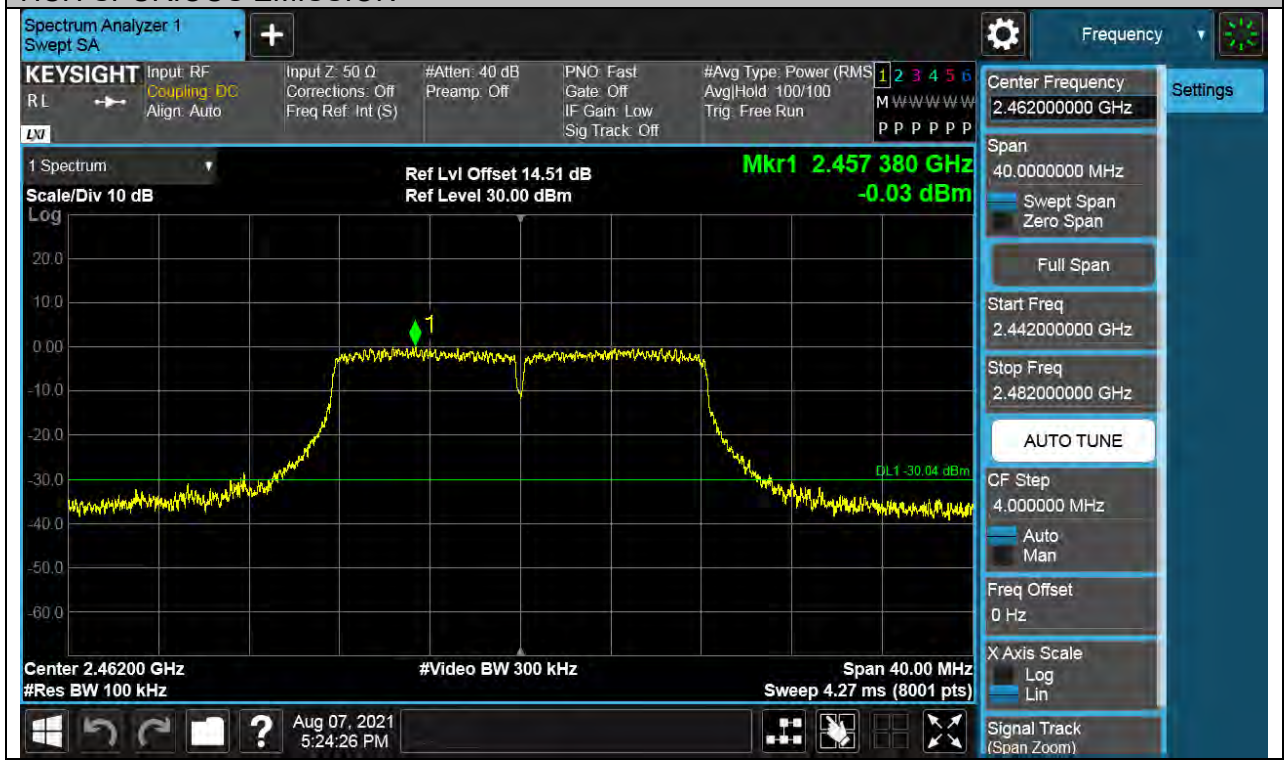
Test Mode	Channel	Verdict
11G	HCH	PASS

Pref test Plot

HCH SPURIOUS EMISSION



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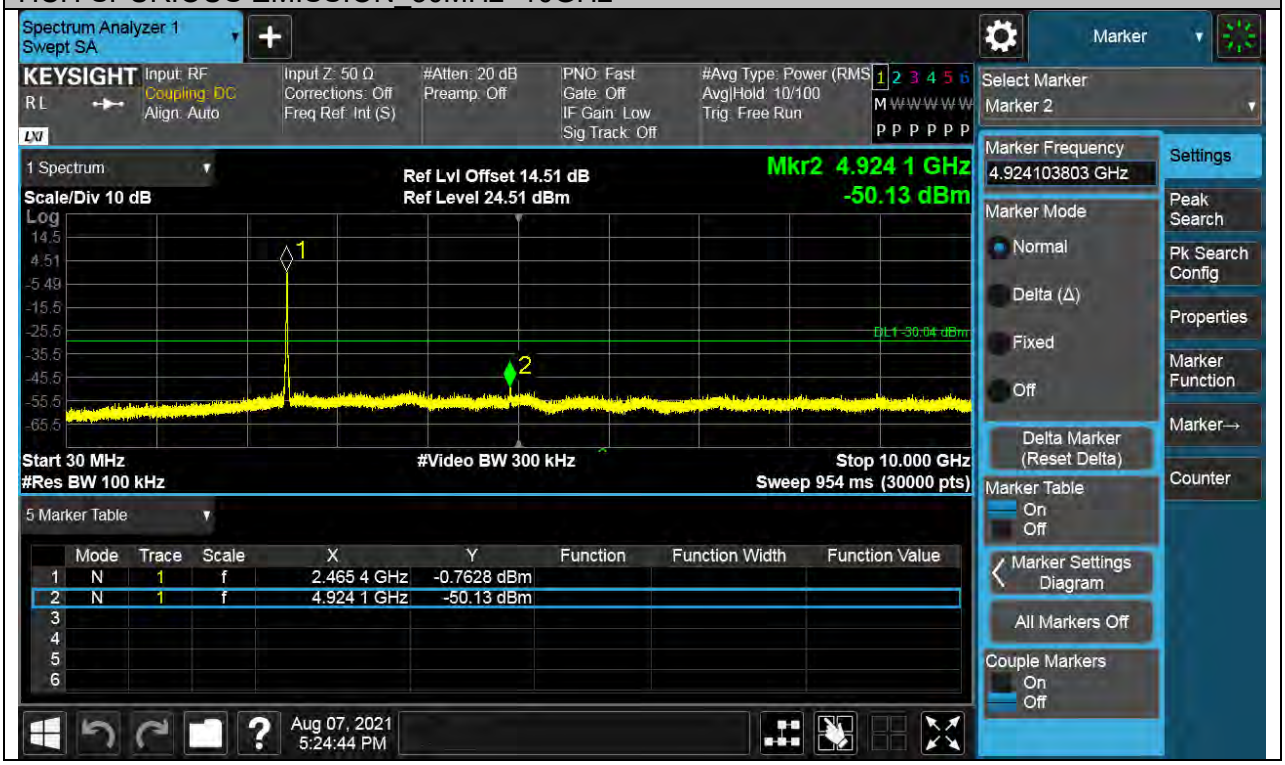
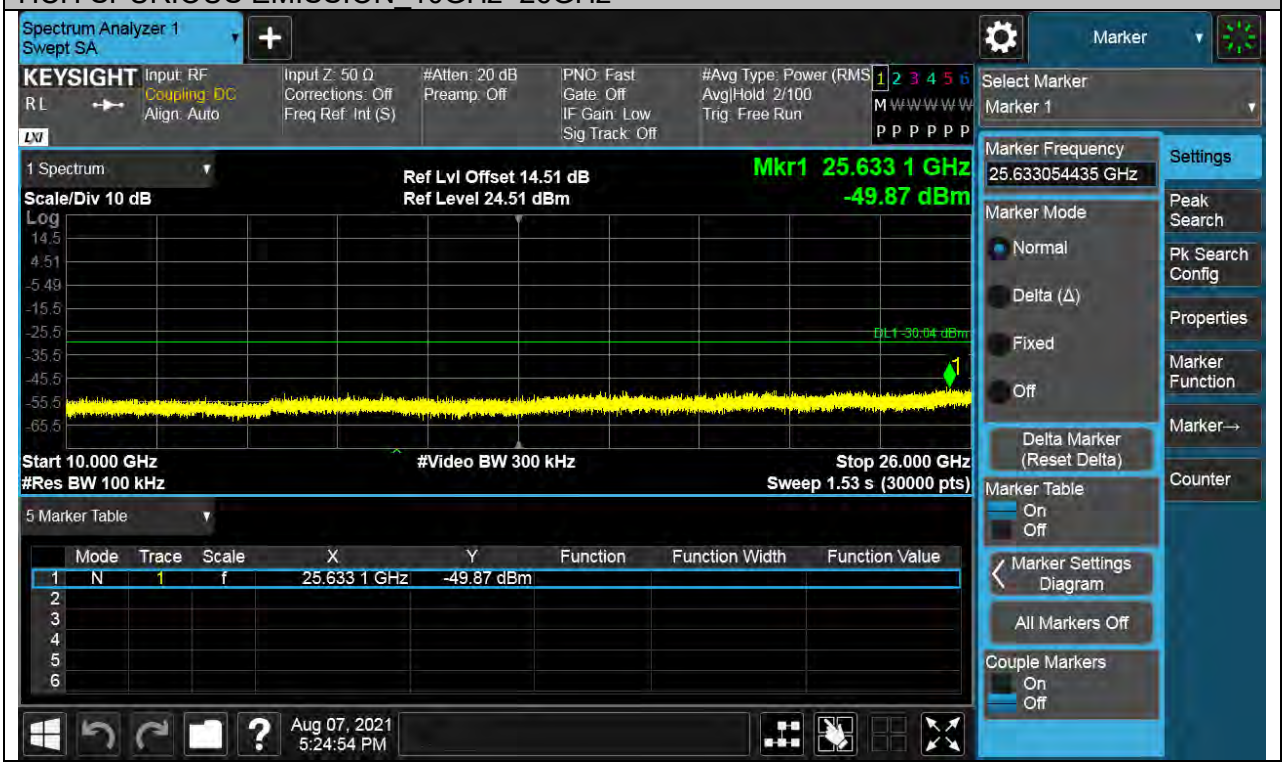
Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz



HCH SPURIOUS EMISSION_10GHz~26GHz



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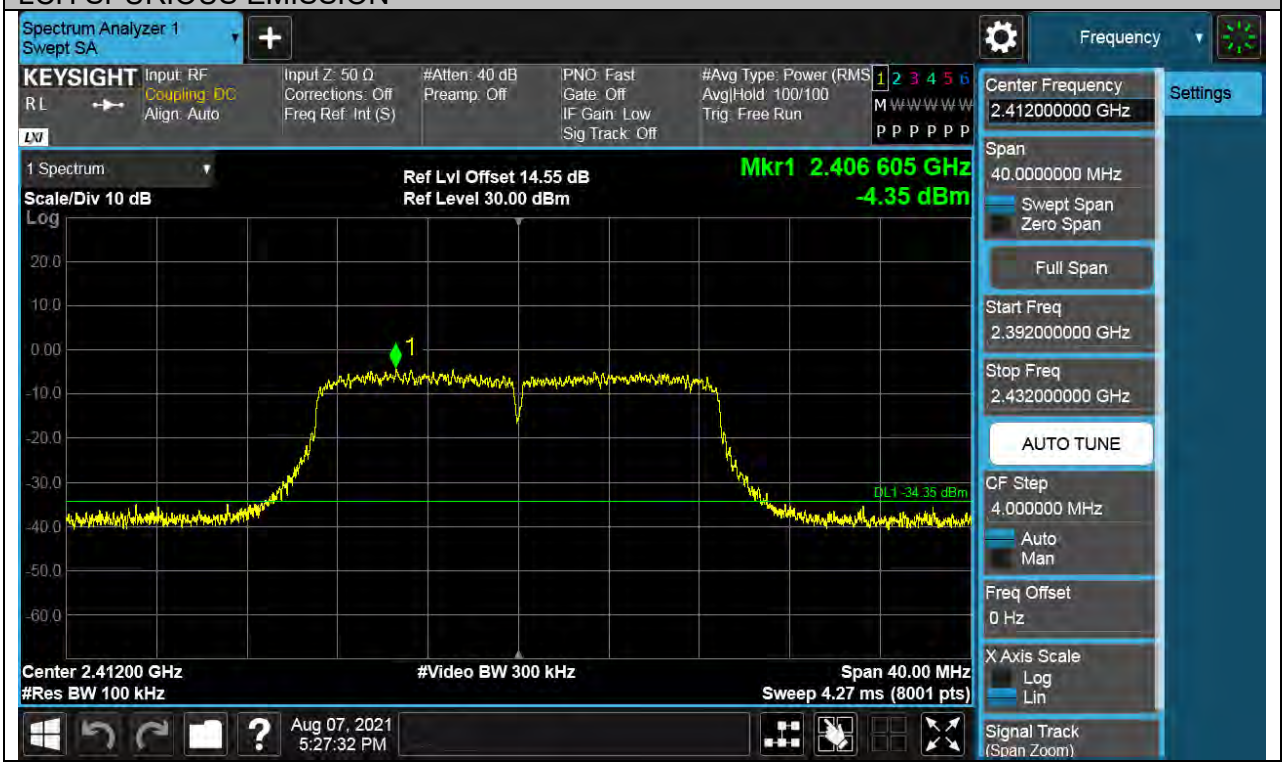
For Antenna 1 Part:

Test Mode	Channel	Verdict
11N HT20	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION



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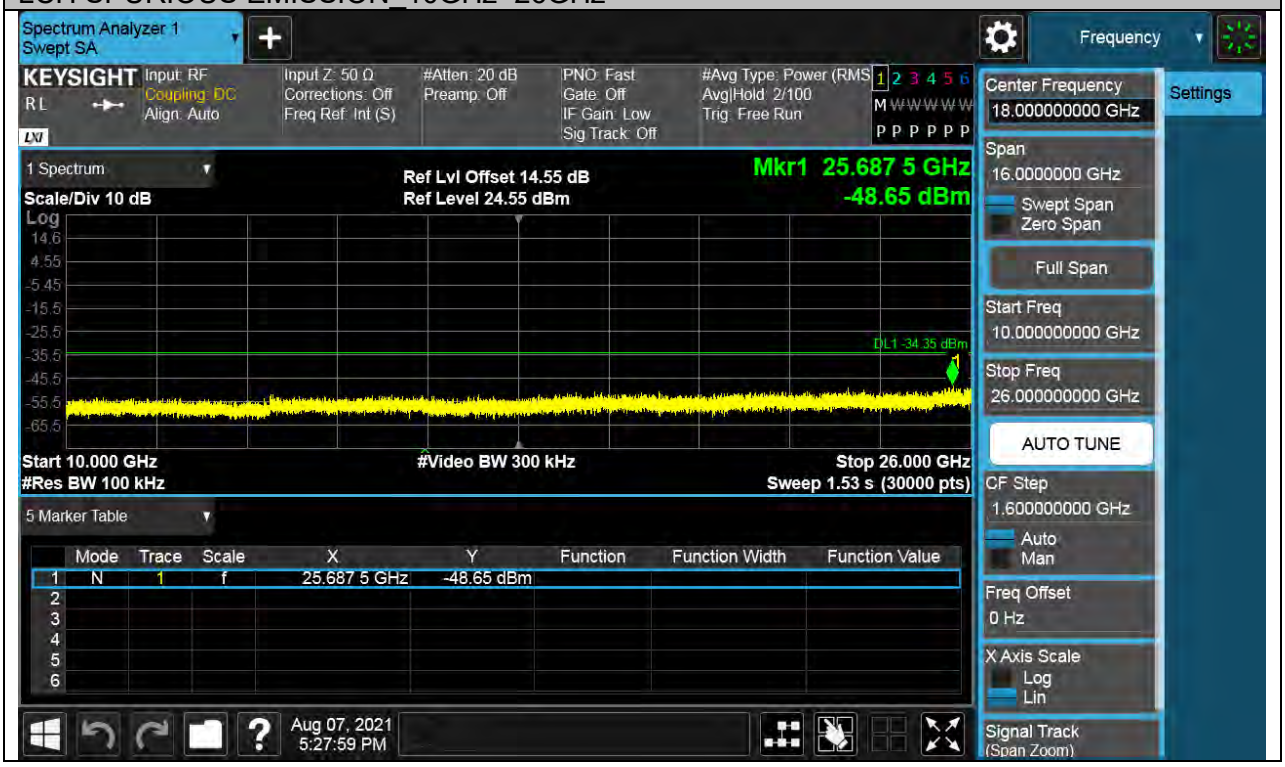
Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz

LCH SPURIOUS EMISSION_10GHz~26GHz



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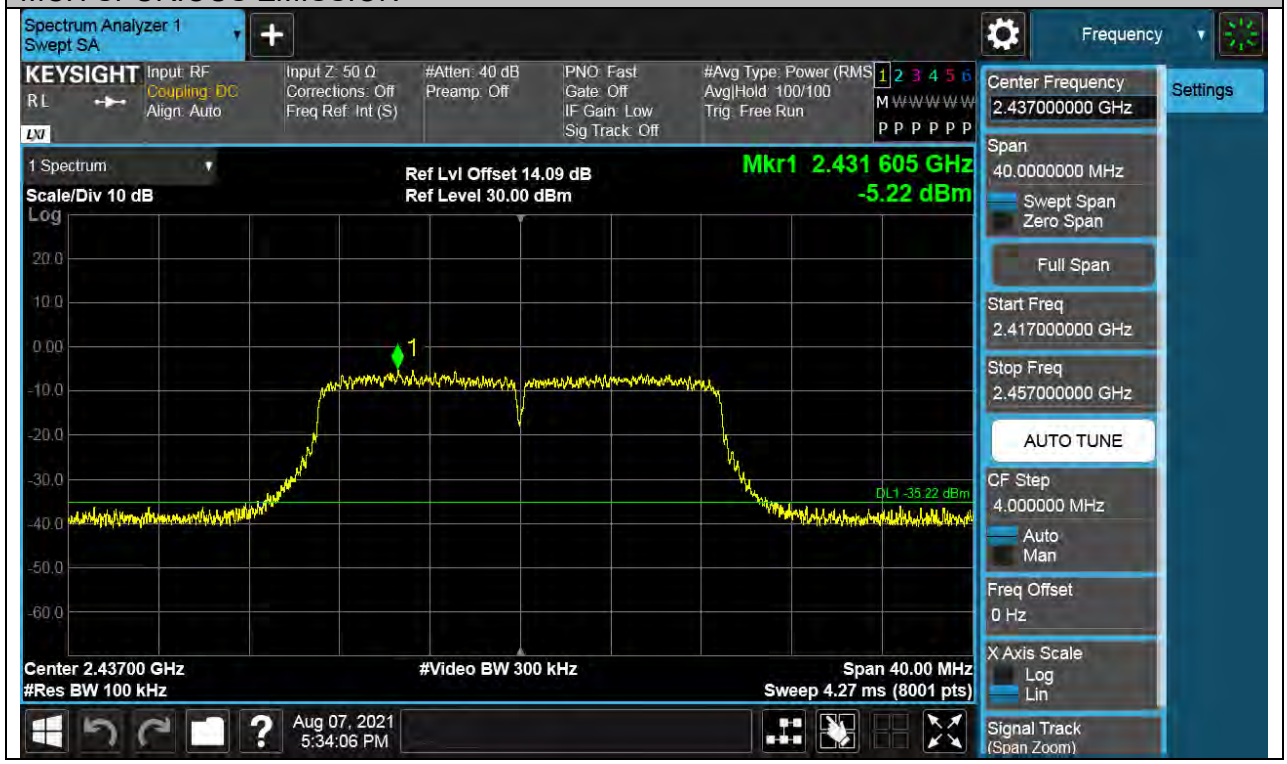
Test Mode	Channel	Verdict
11N HT20	MCH	PASS

Pref test Plot

MCH SPURIOUS EMISSION



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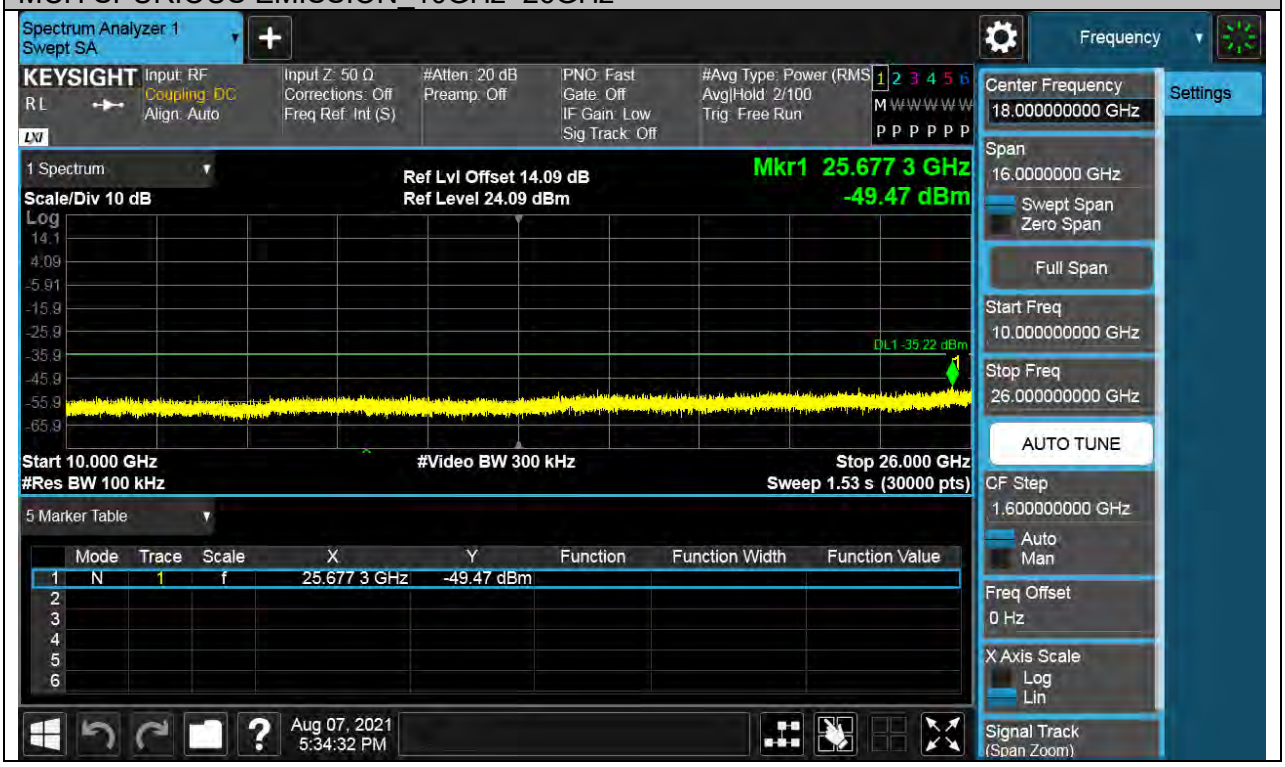
Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz

MCH SPURIOUS EMISSION_10GHz~26GHz



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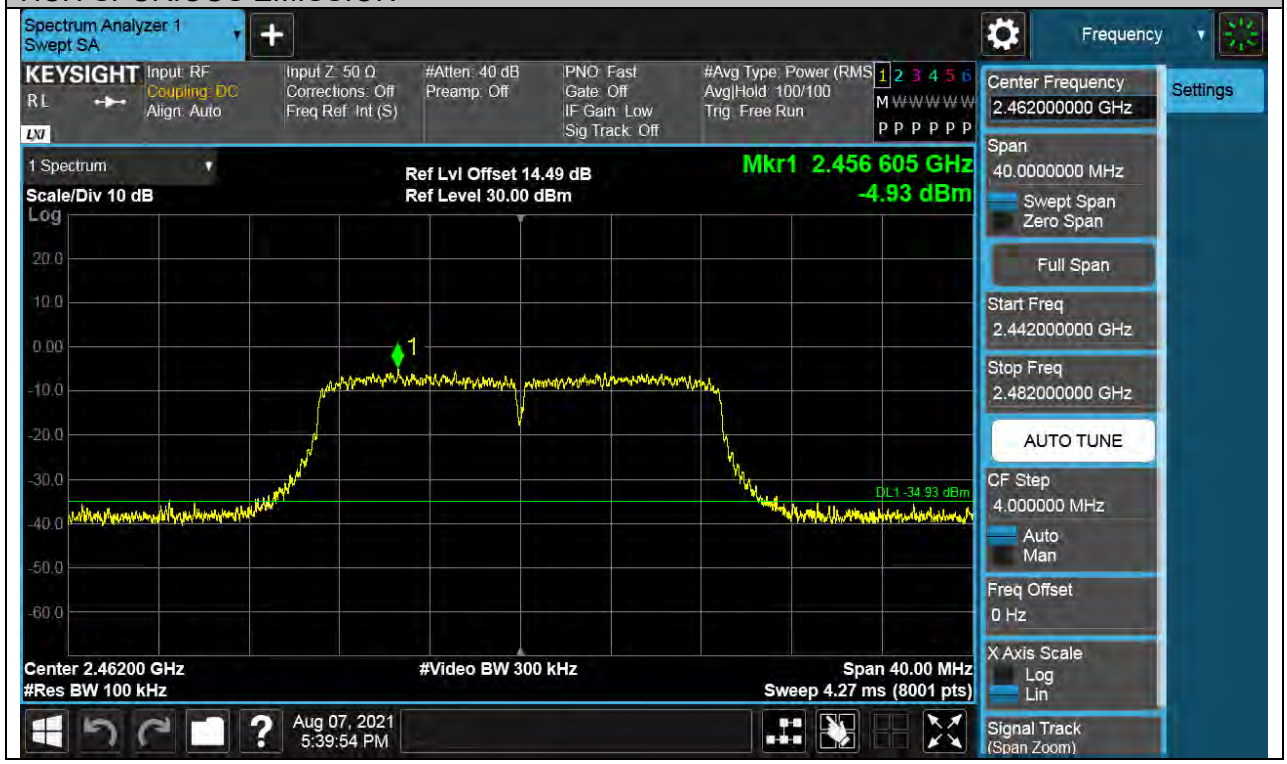
Test Mode	Channel	Verdict
11N HT20	HCH	PASS

Pref test Plot

HCH SPURIOUS EMISSION



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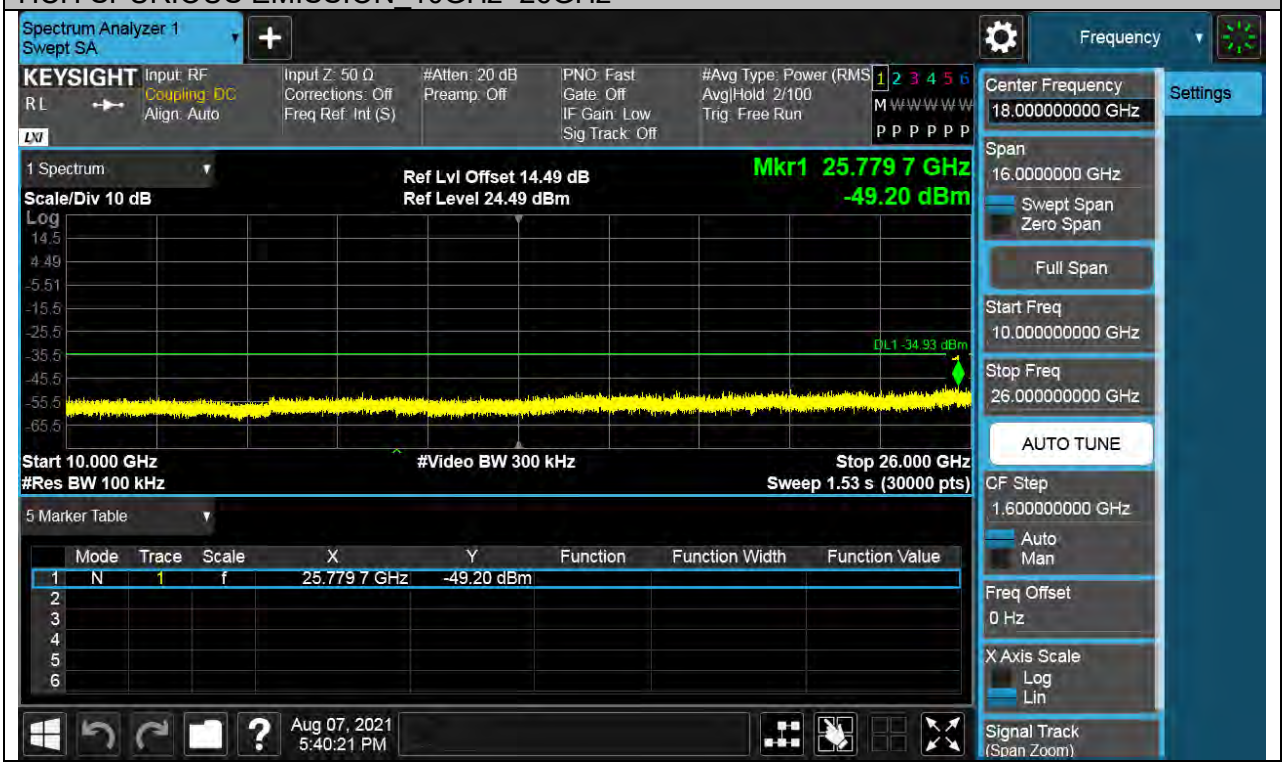
Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz

HCH SPURIOUS EMISSION_10GHz~26GHz



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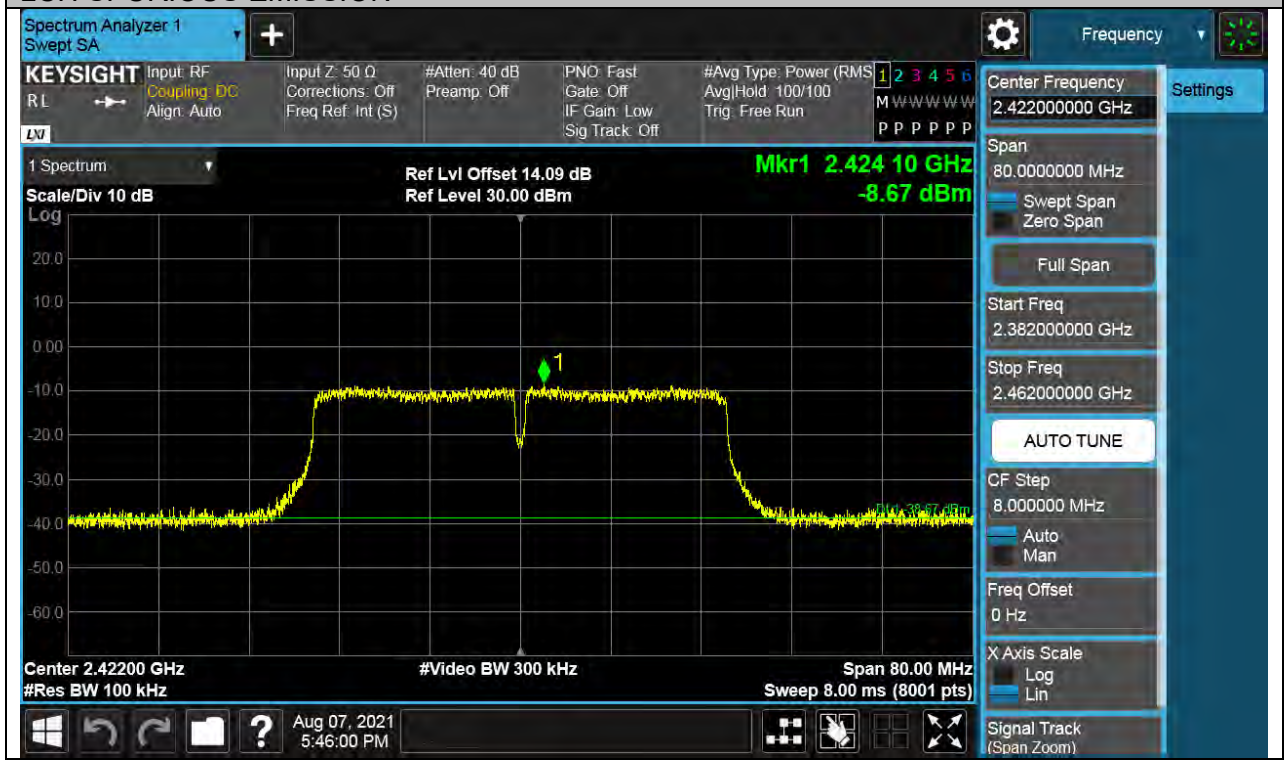
Test Mode	Channel	Verdict
11N HT40	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION



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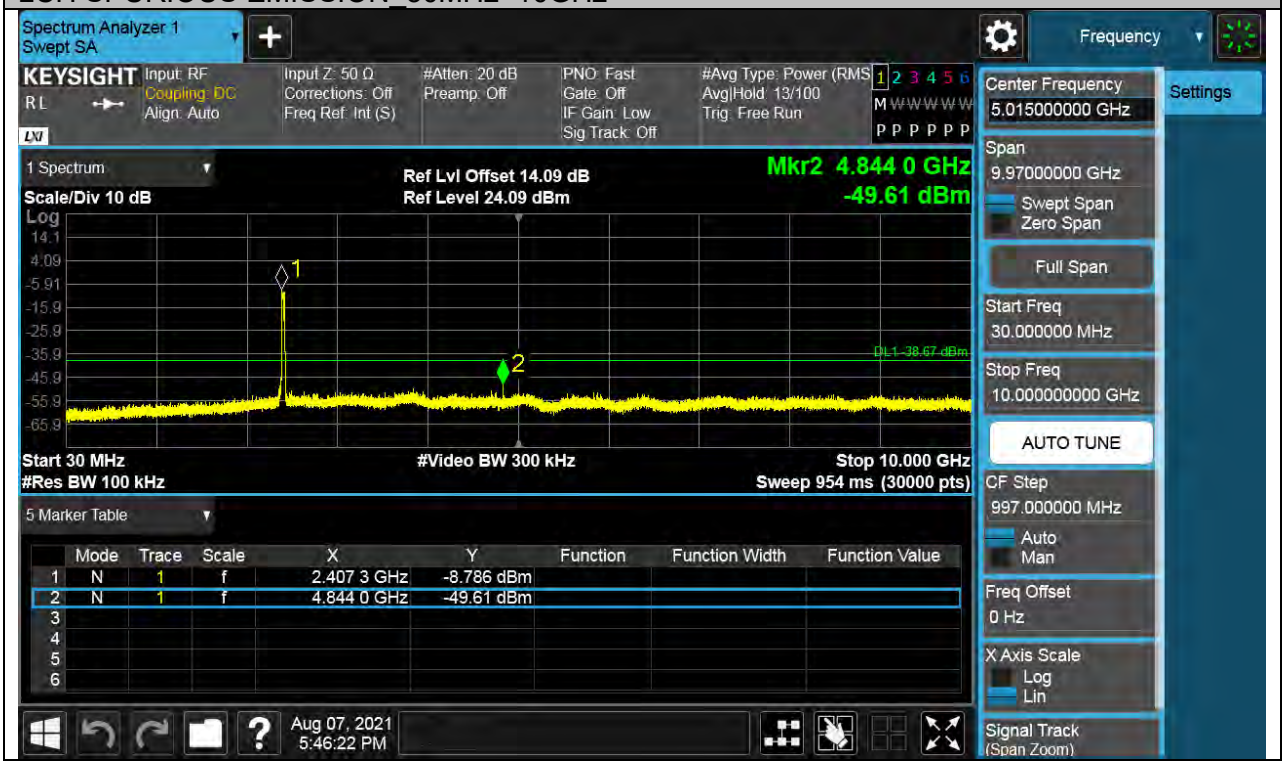
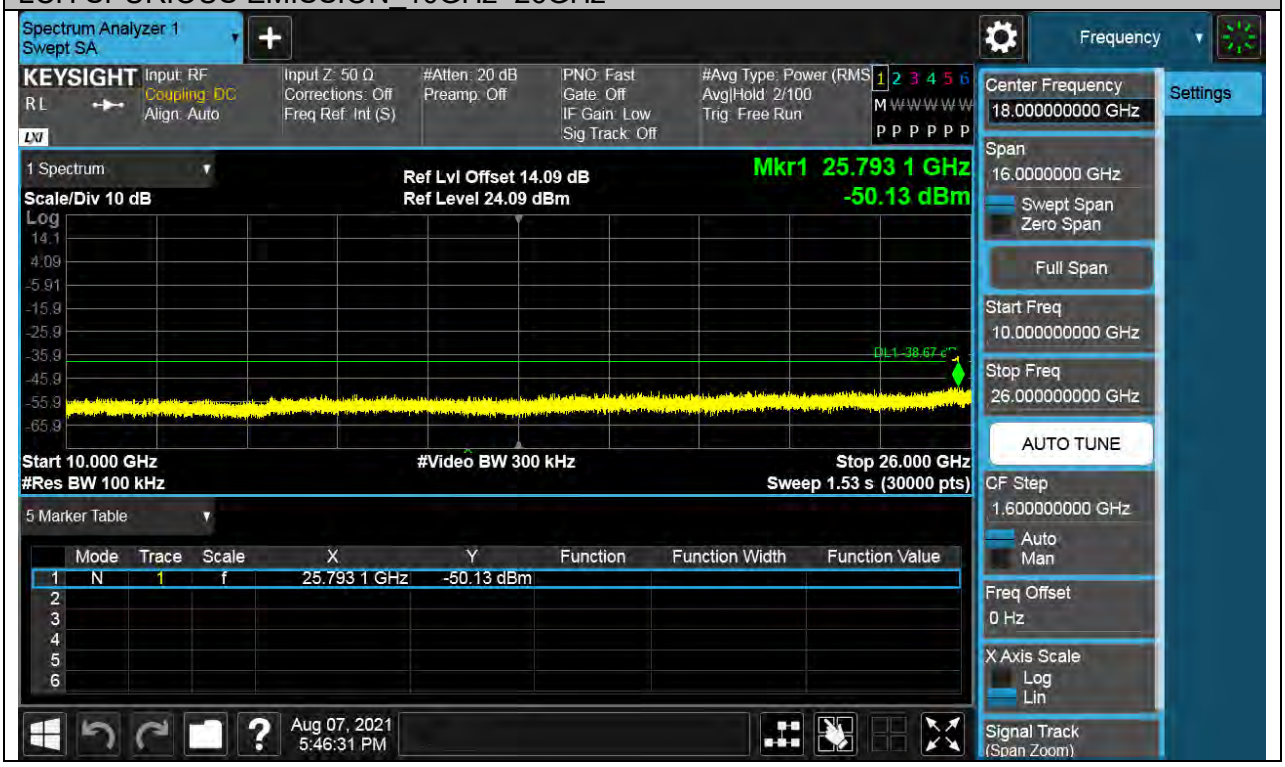
Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz



LCH SPURIOUS EMISSION_10GHz~26GHz



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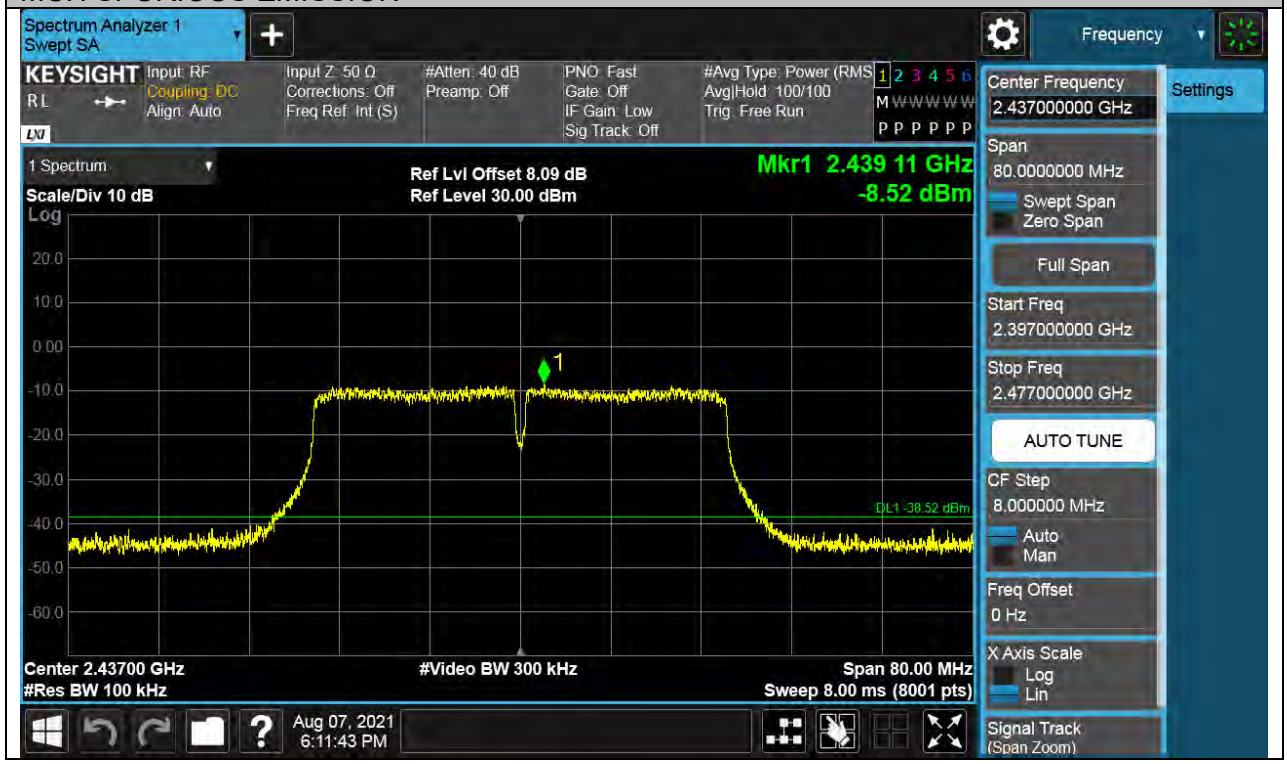
Test Mode	Channel	Verdict
11N HT40	MCH	PASS

Pref test Plot

MCH SPURIOUS EMISSION



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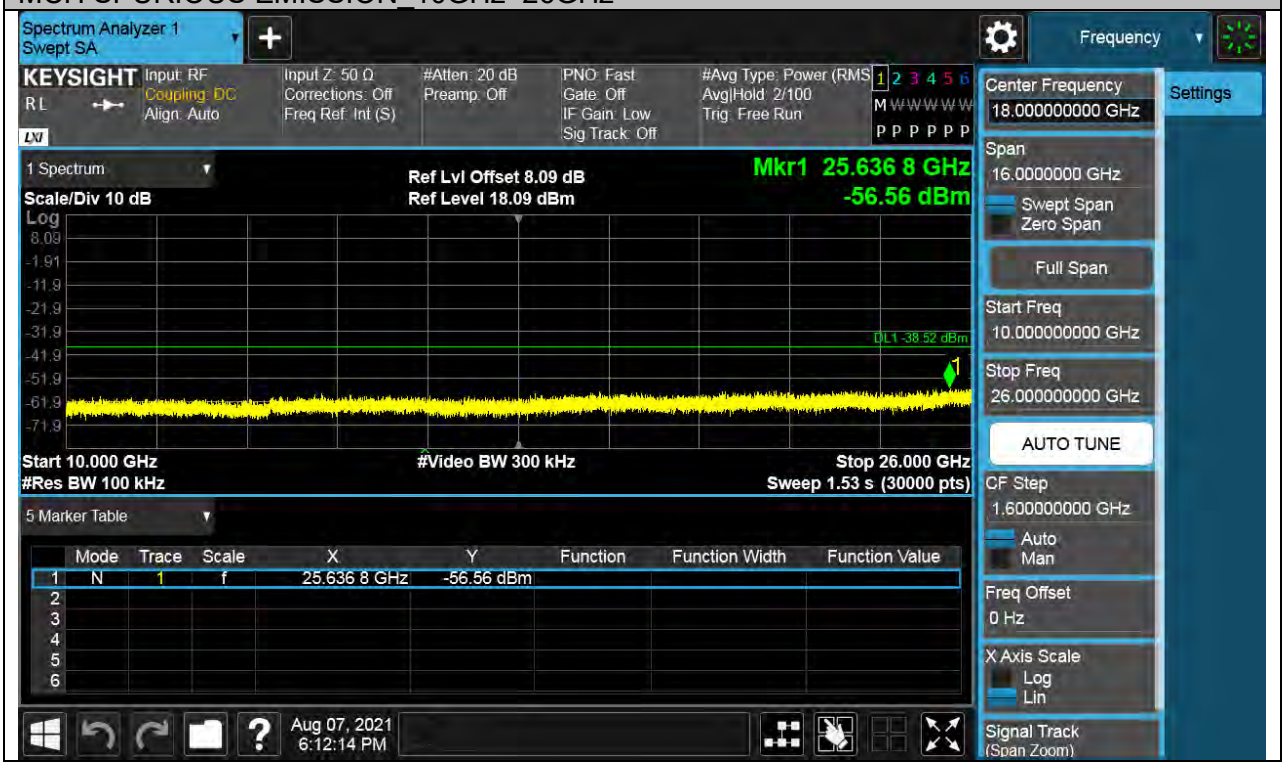
Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz

MCH SPURIOUS EMISSION_10GHz~26GHz



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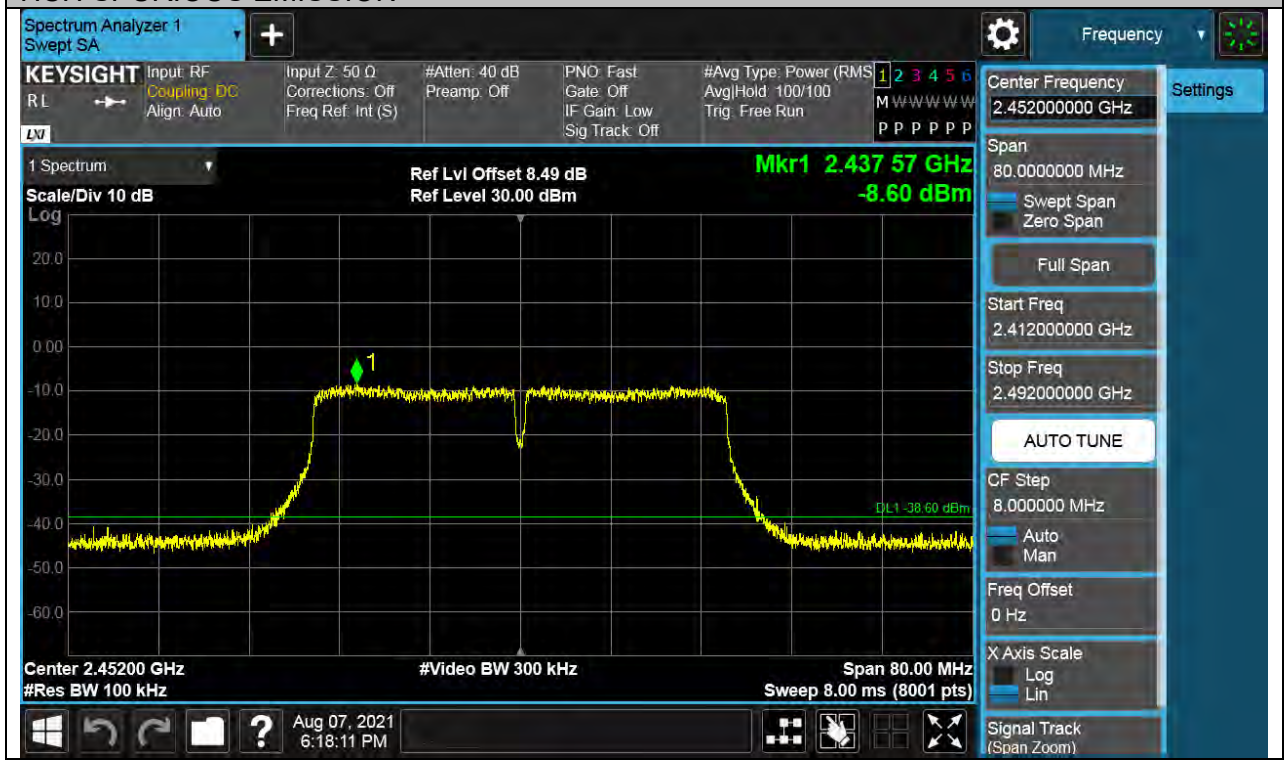
Test Mode	Channel	Verdict
11N HT40	HCH	PASS

Pref test Plot

HCH SPURIOUS EMISSION



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Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz

HCH SPURIOUS EMISSION_10GHz~26GHz

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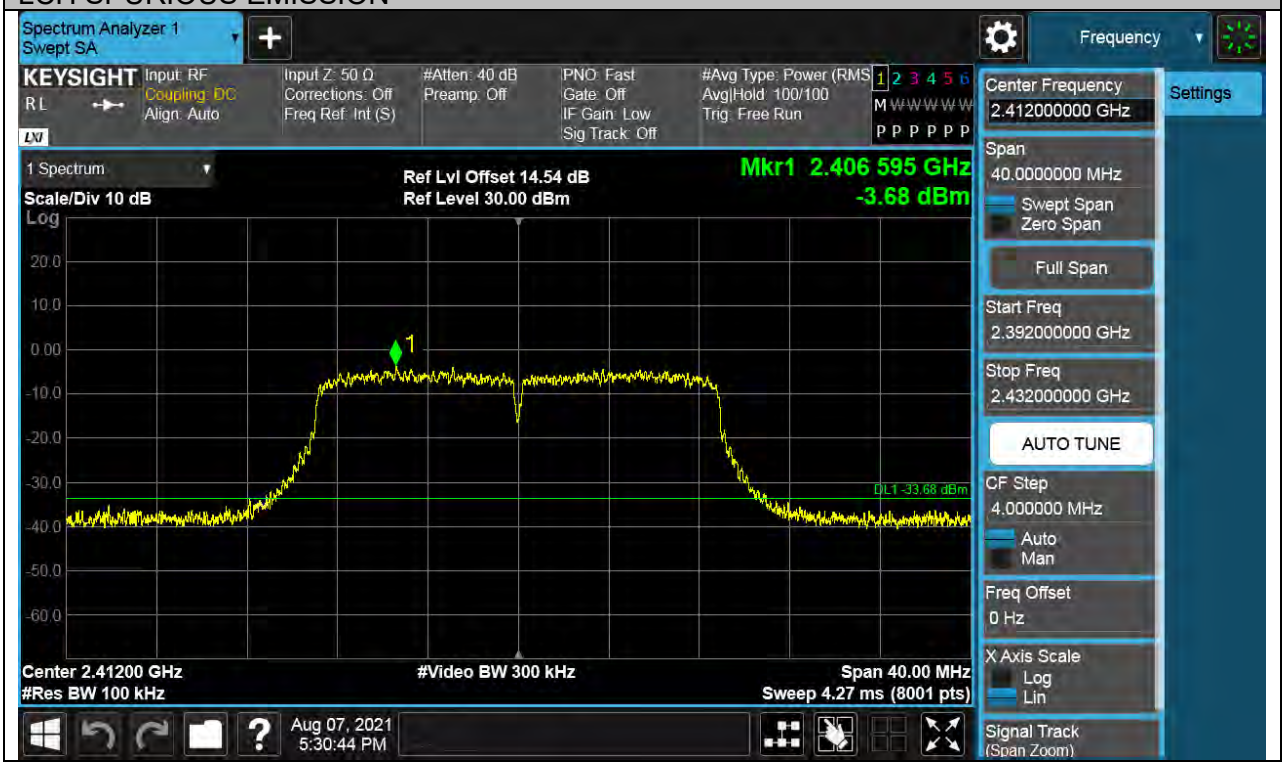
For Antenna2 Part:

Test Mode	Channel	Verdict
11N HT20	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION



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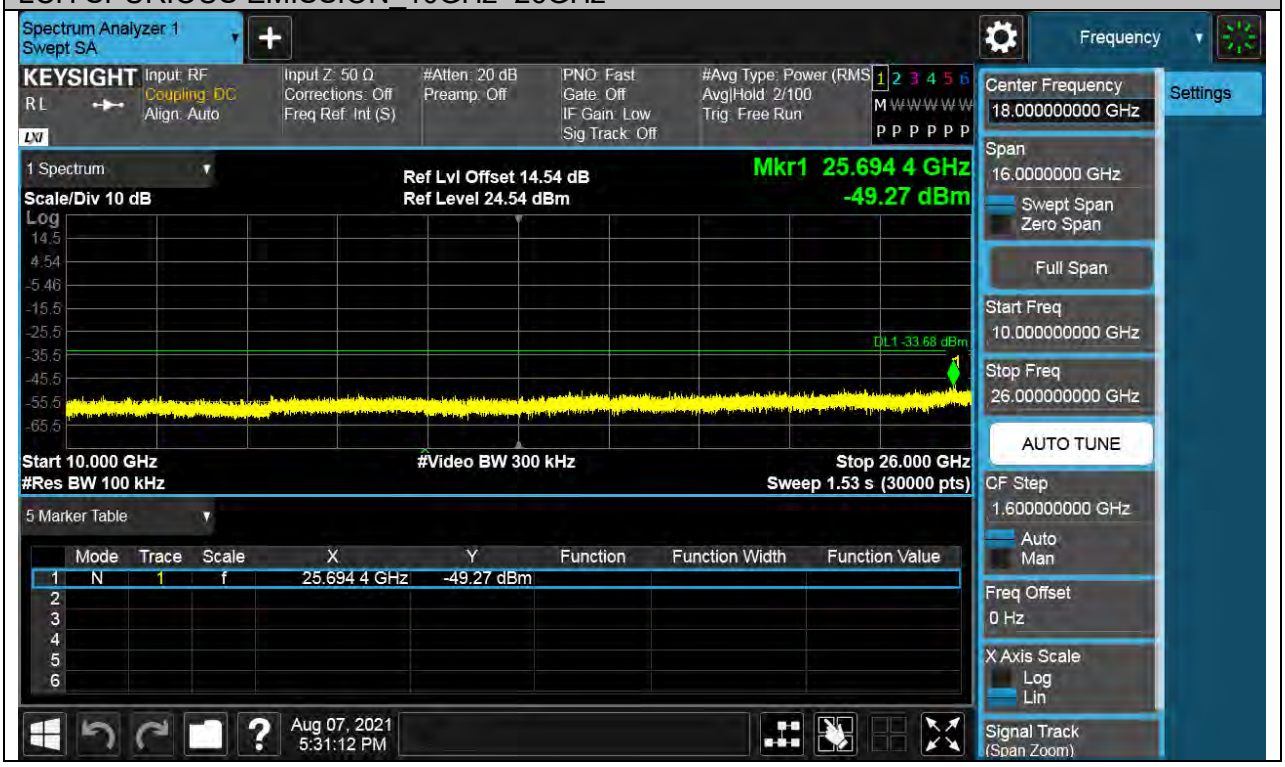
Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz

LCH SPURIOUS EMISSION_10GHz~26GHz



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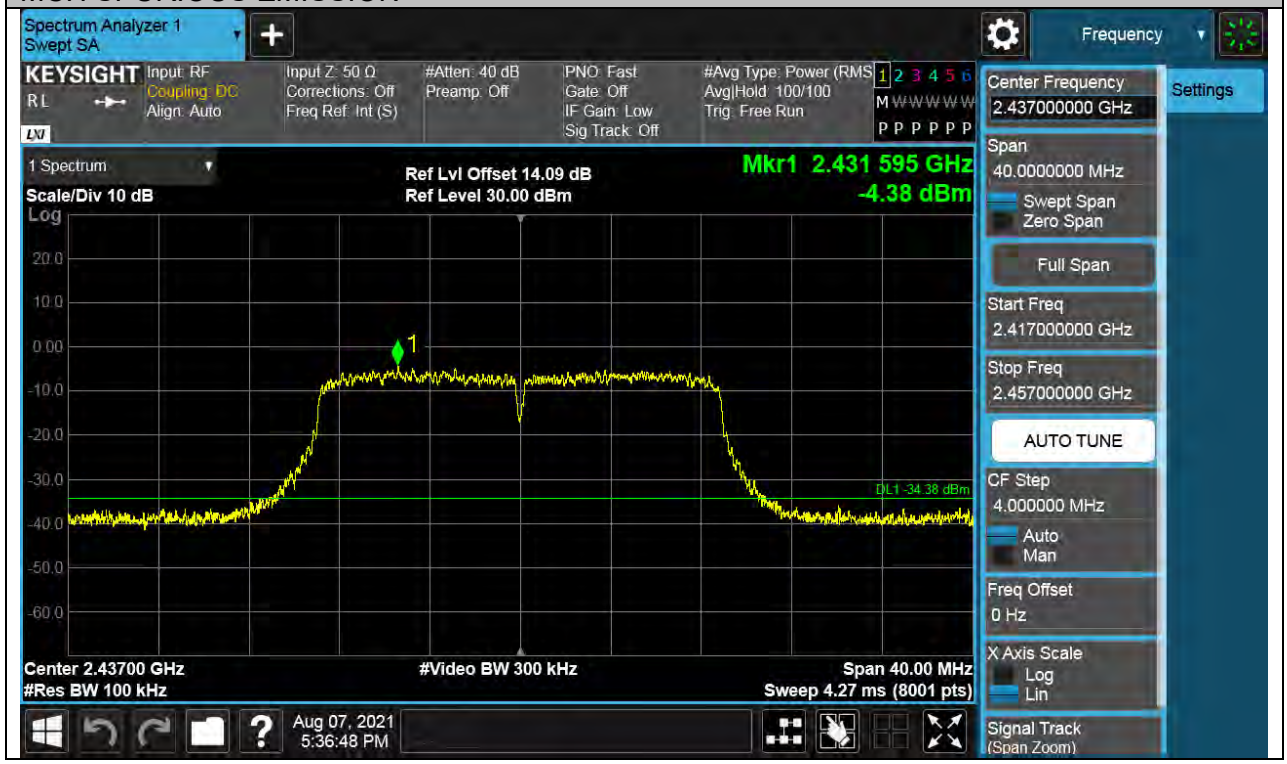
Test Mode	Channel	Verdict
11N HT20	MCH	PASS

Pref test Plot

MCH SPURIOUS EMISSION



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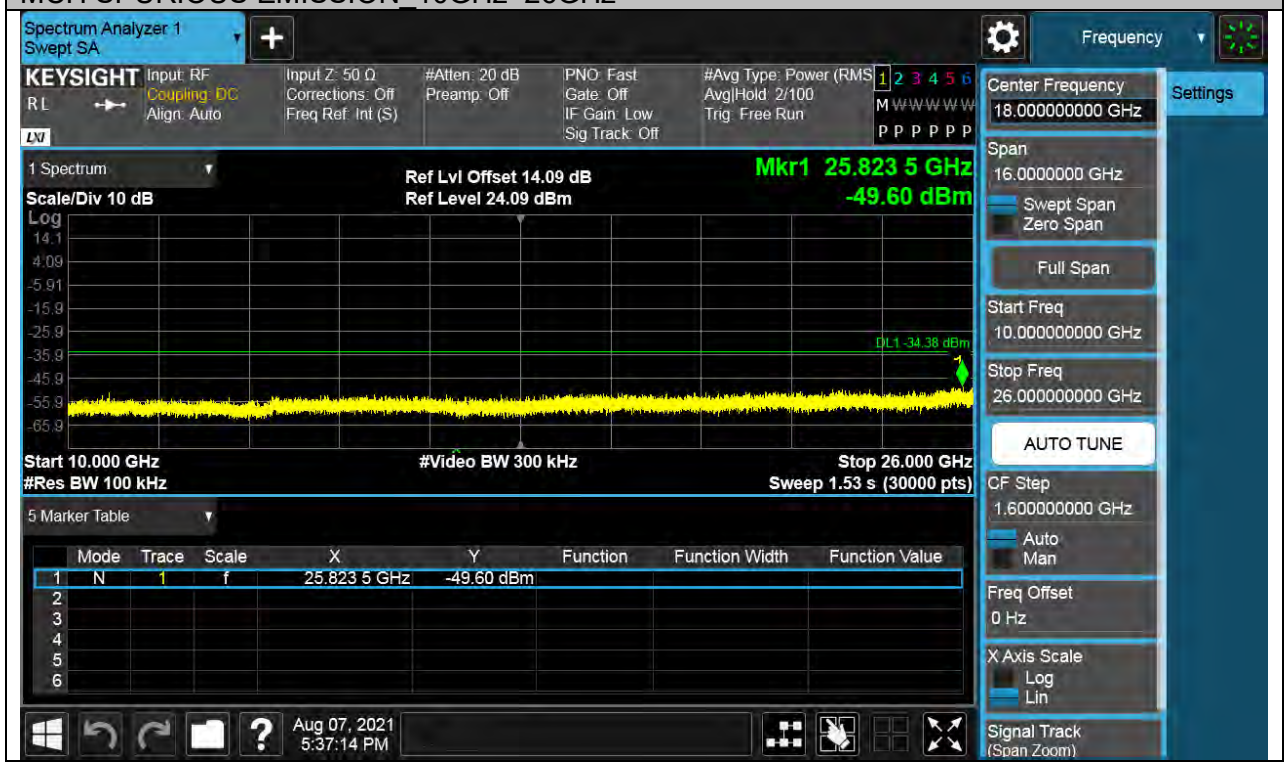
Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz

MCH SPURIOUS EMISSION_10GHz~26GHz



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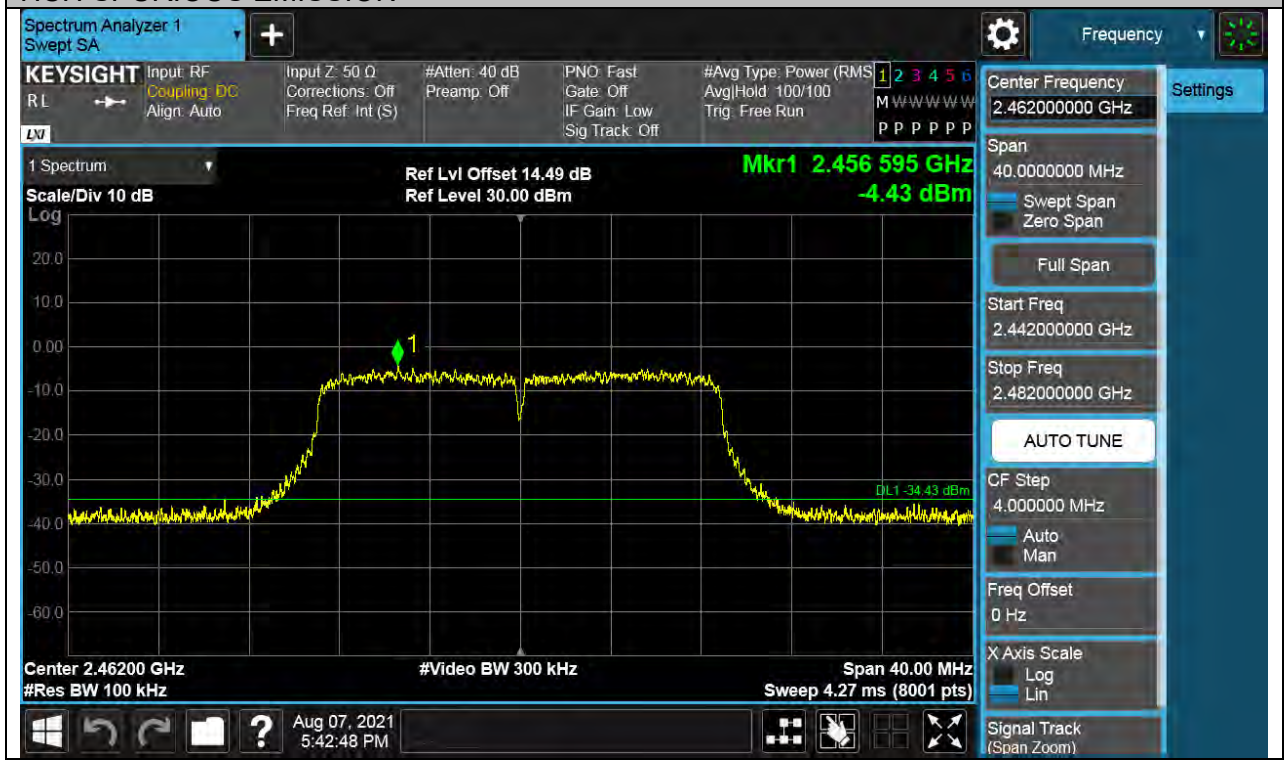
Test Mode	Channel	Verdict
11N HT20	HCH	PASS

Pref test Plot

HCH SPURIOUS EMISSION



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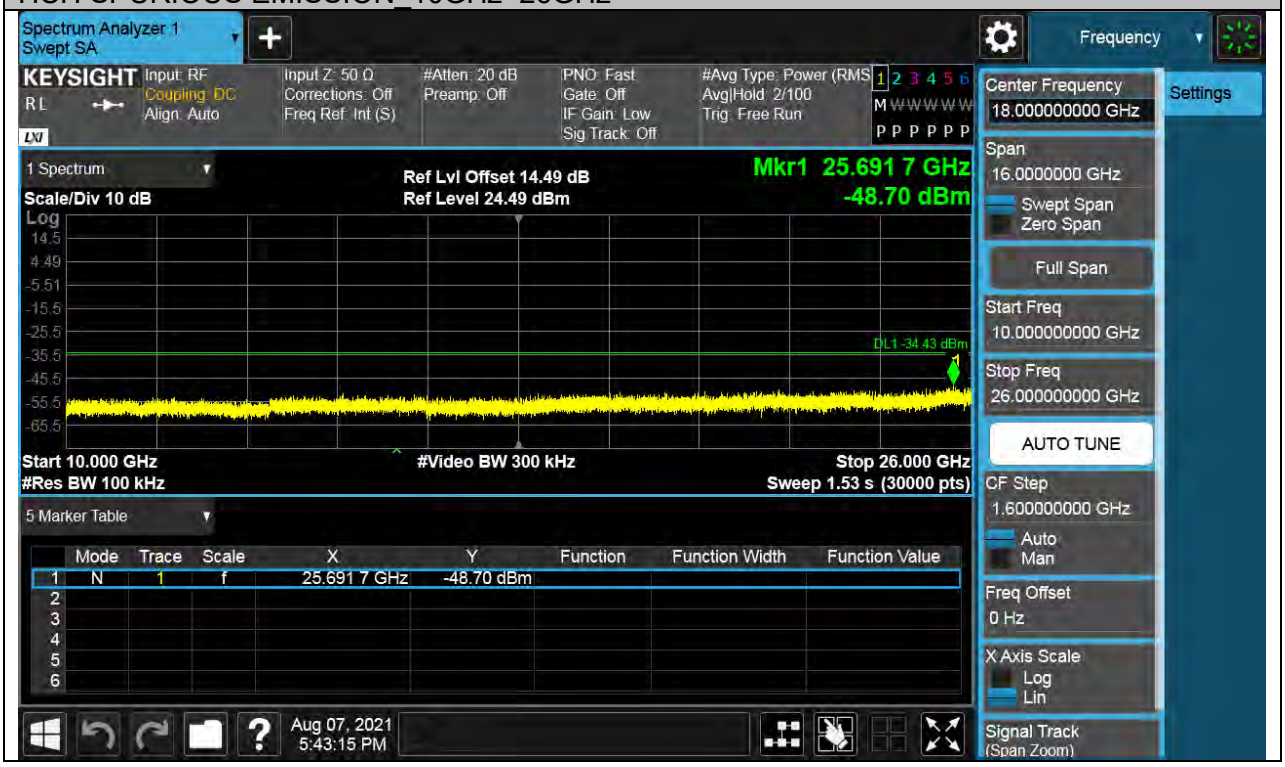
Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz

HCH SPURIOUS EMISSION_10GHz~26GHz



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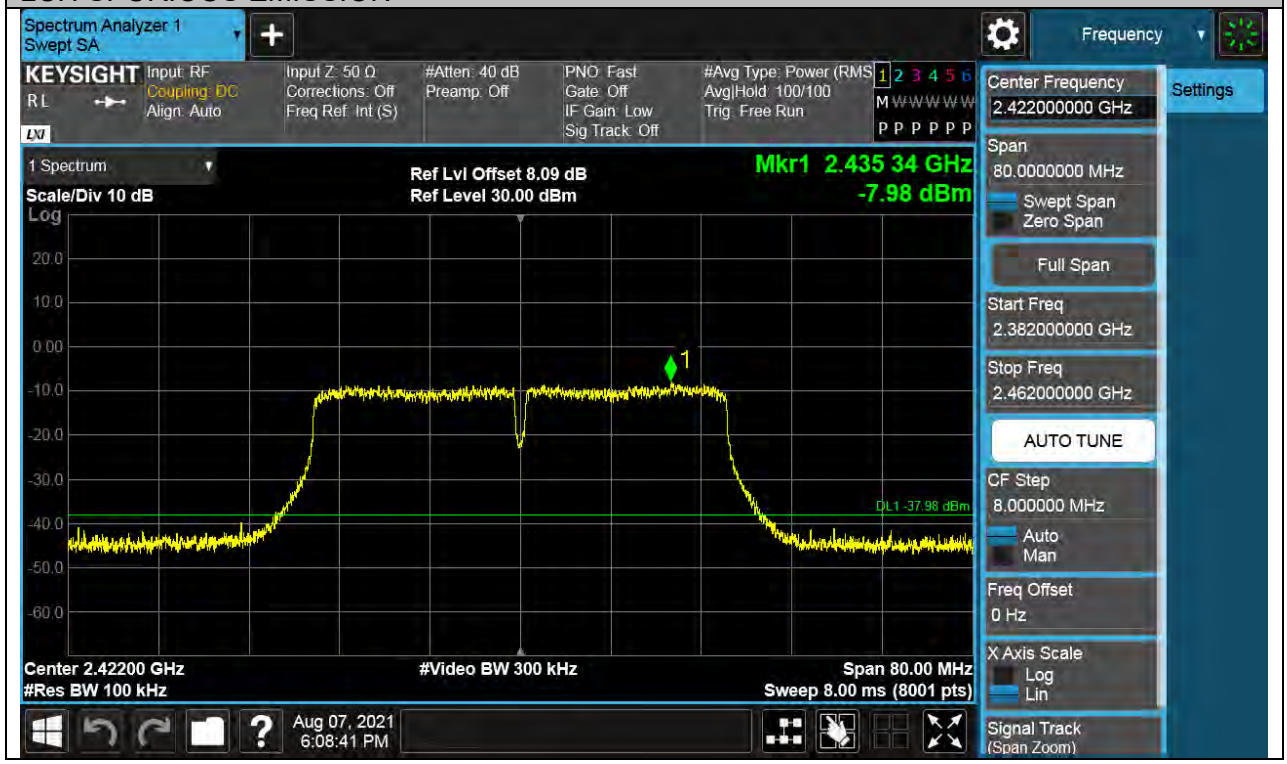
Test Mode	Channel	Verdict
11N HT40	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION



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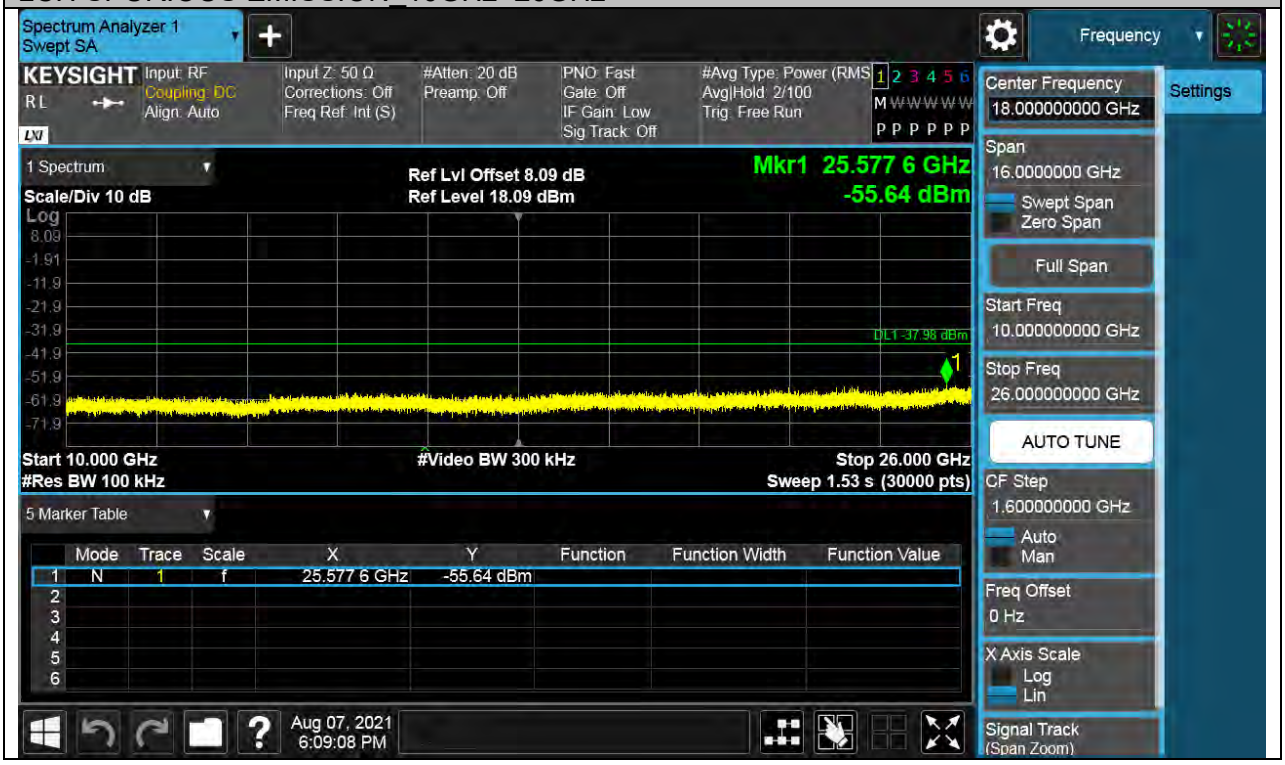
Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz

LCH SPURIOUS EMISSION_10GHz~26GHz



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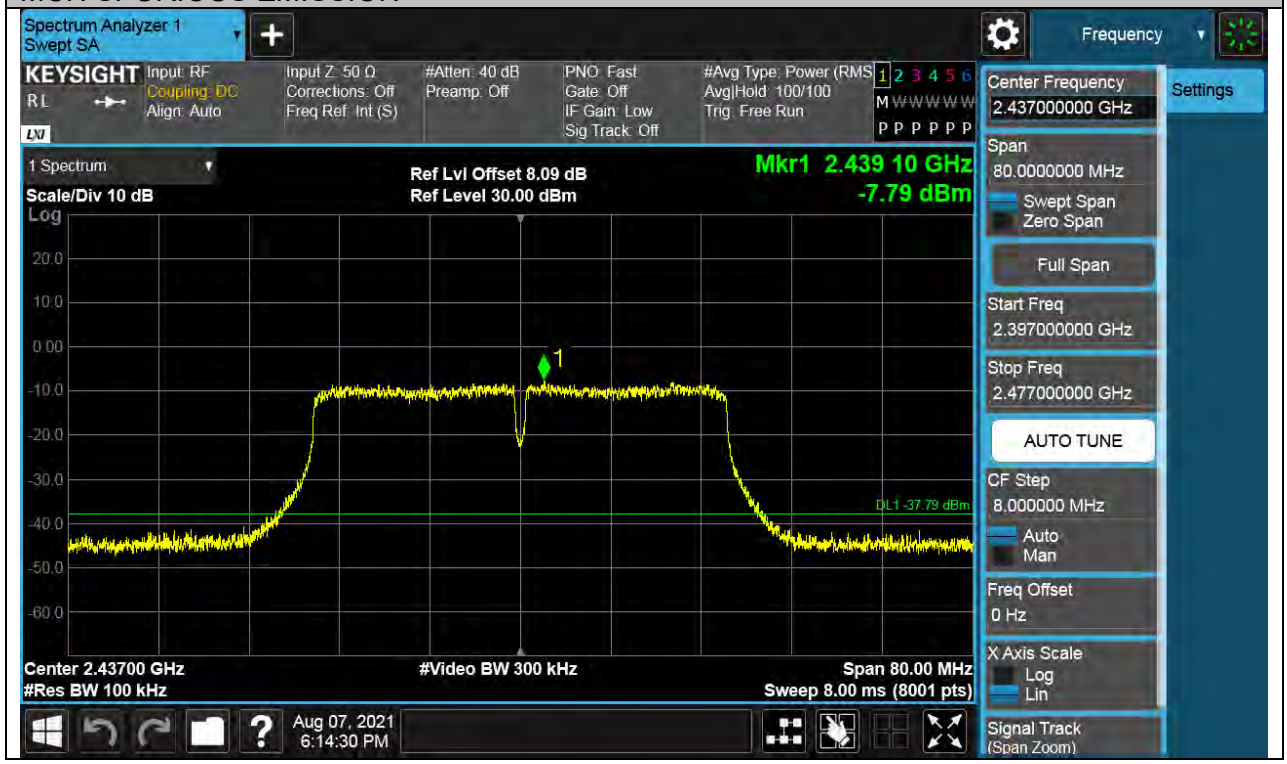
Test Mode	Channel	Verdict
11N HT40	MCH	PASS

Pref test Plot

MCH SPURIOUS EMISSION



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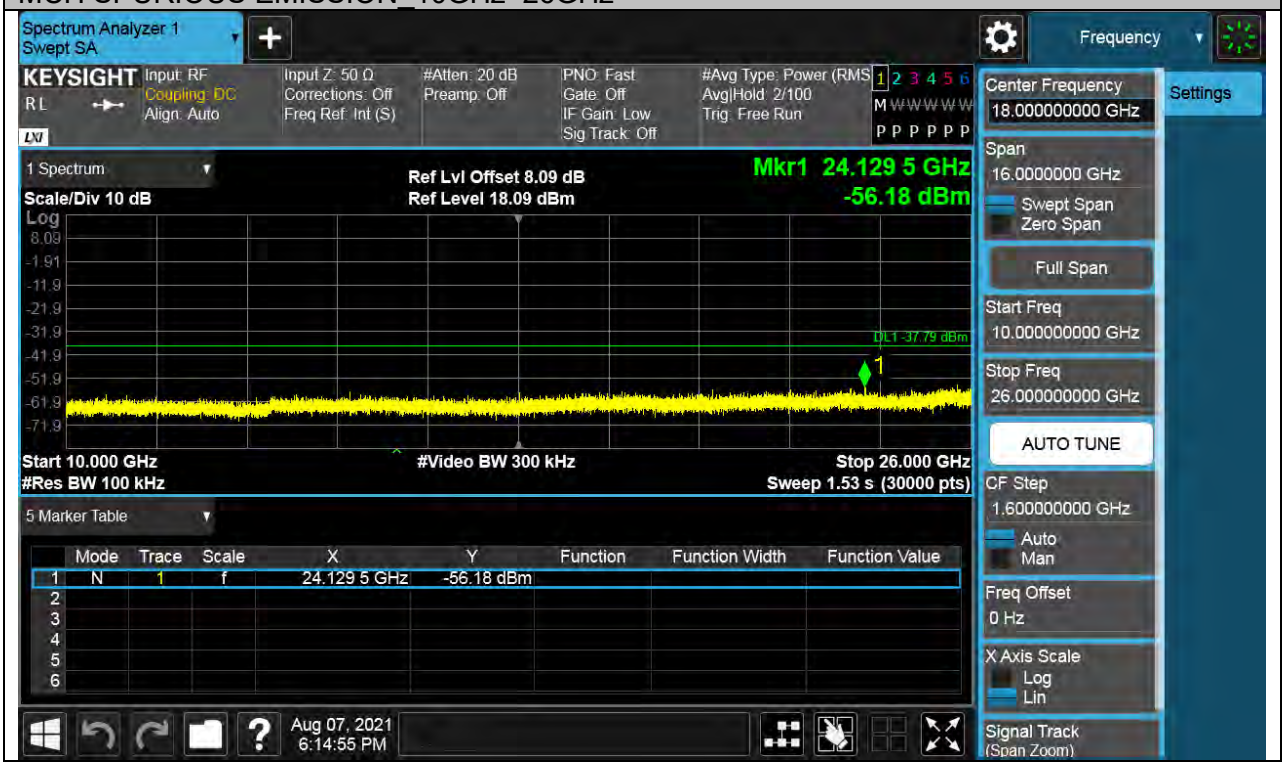
Puw test Plot

MCH SPURIOUS EMISSION_30MHz~10GHz

MCH SPURIOUS EMISSION_10GHz~26GHz



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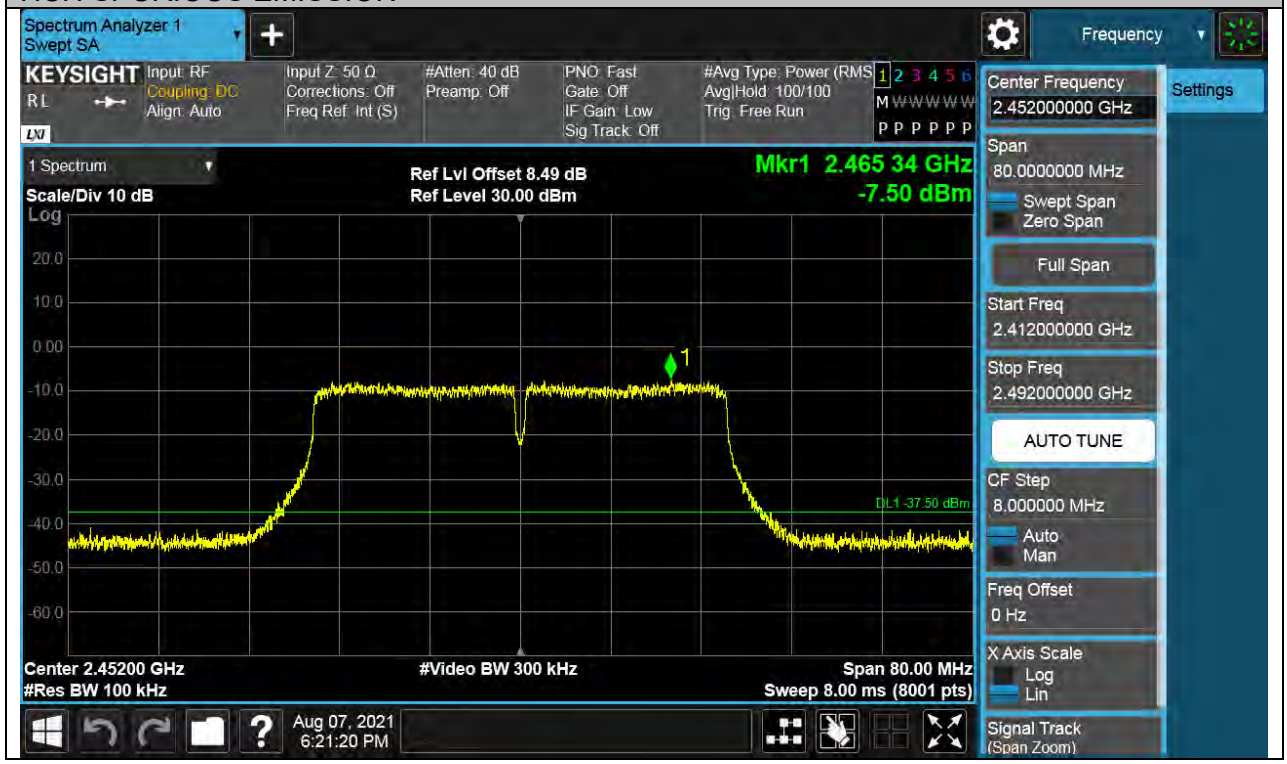
Test Mode	Channel	Verdict
11N HT40	HCH	PASS

Pref test Plot

HCH SPURIOUS EMISSION



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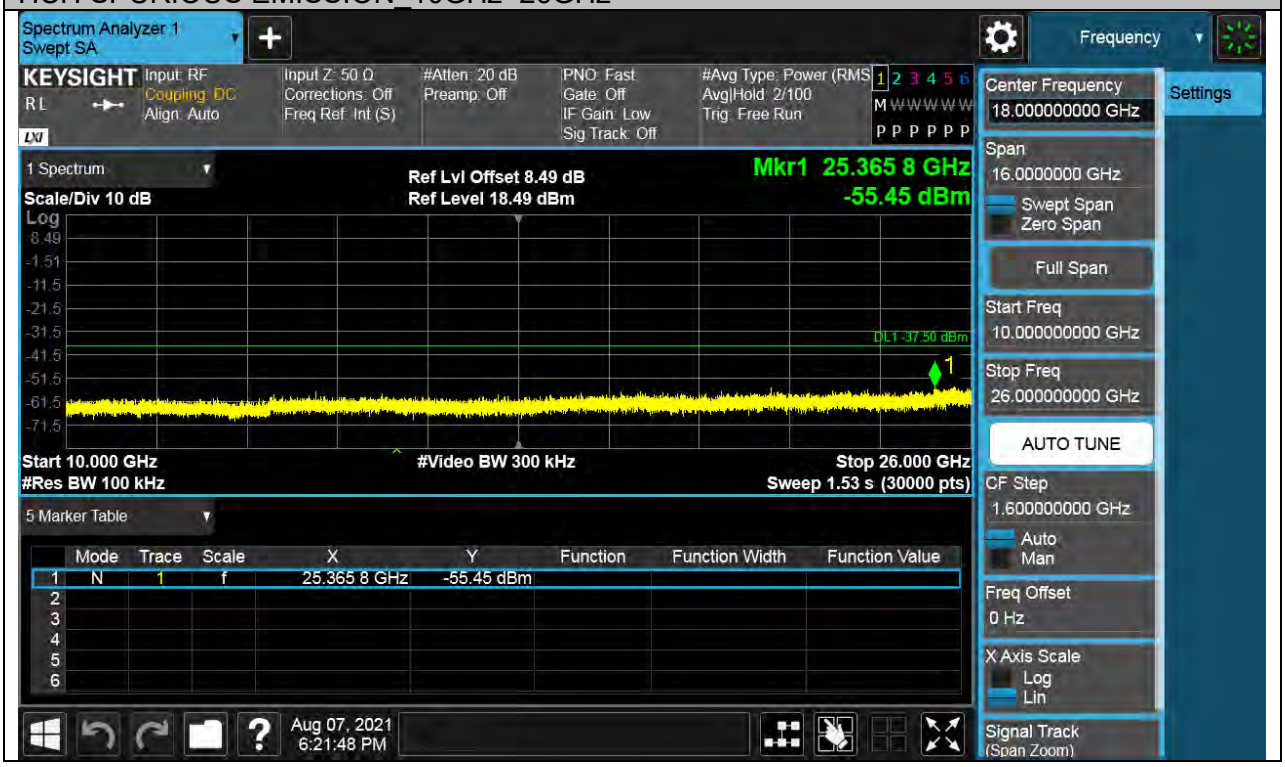
Puw test Plot

HCH SPURIOUS EMISSION_30MHz~10GHz

HCH SPURIOUS EMISSION_10GHz~26GHz



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7.6. RADIATED TEST RESULTS

7.6.1. LIMITS AND PROCEDURE

LIMITS

Please refer to FCC §15.205 and §15.209, ISED RSS-247 Clause 5.5, ISED RSS-GEN Clause 8.9&6.13 (Transmitter)
Radiation Disturbance Test Limit for ISED(9KHz-1GHz)

Except where otherwise indicated in the applicable RSS, radiated emissions shall comply with the field strength limits shown in table 5 and table 6. Additionally, the level of any transmitter unwanted emission shall not exceed the level of the transmitter's fundamental emission.

Table 5 – General field strength limits at frequencies above 30 MHz

Frequency (MHz)	Field strength (μV/m at 3 m)
30 – 88	100
88 – 216	150
216 – 960	200
Above 960	500

Table 6 – General field strength limits at frequencies below 30 MHz

Frequency	Magnetic field strength (H-Field) (μA/m)	Measurement distance (m)
9 - 490 kHz[Note 1]	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

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Please refer to FCC KDB 558074

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

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

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

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

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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

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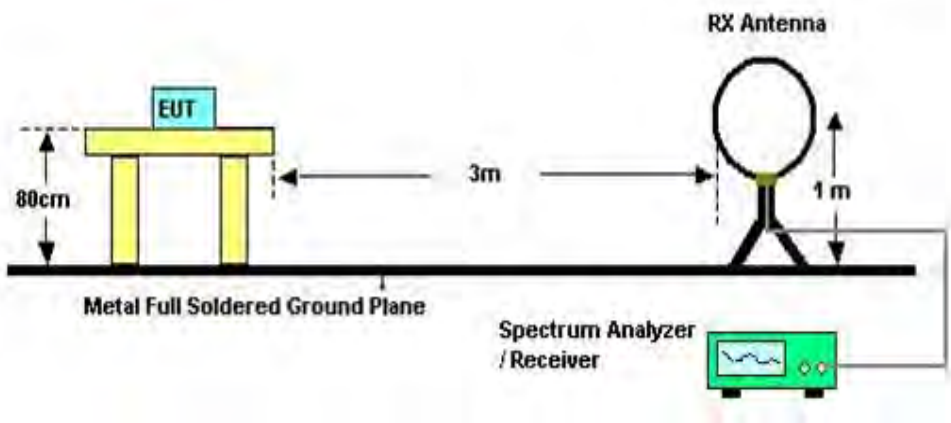
TEST SETUP AND PROCEDURE

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 and KDB 414788.

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

3. The EUT was placed on a turntable with 0.8 meter above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector

6. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

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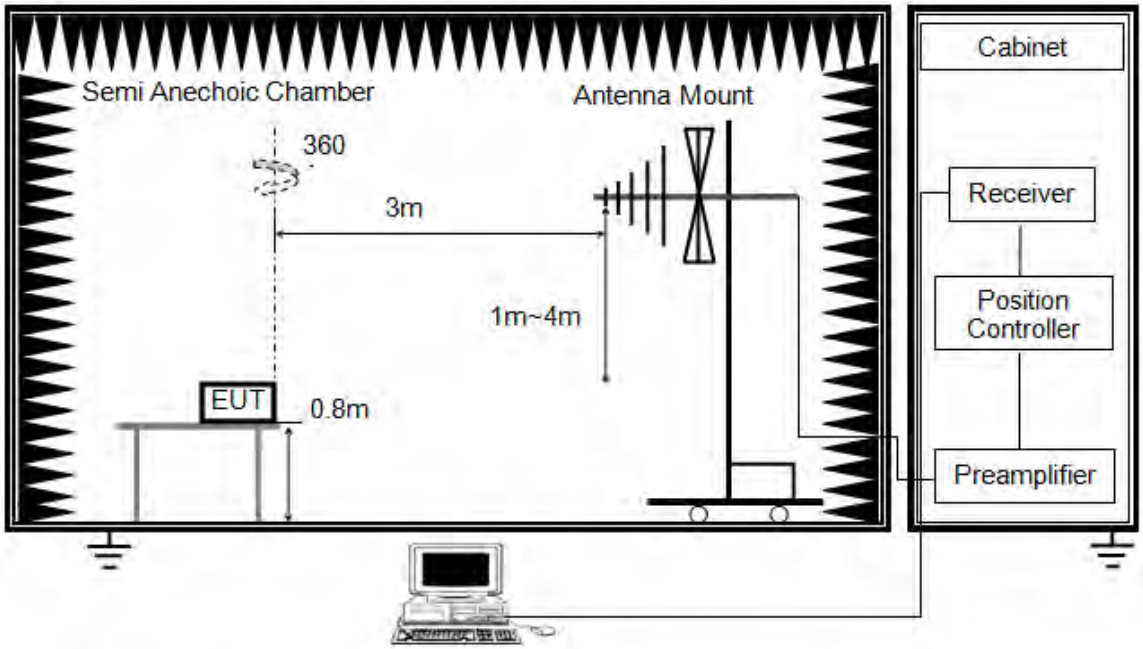
Below 1G



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)

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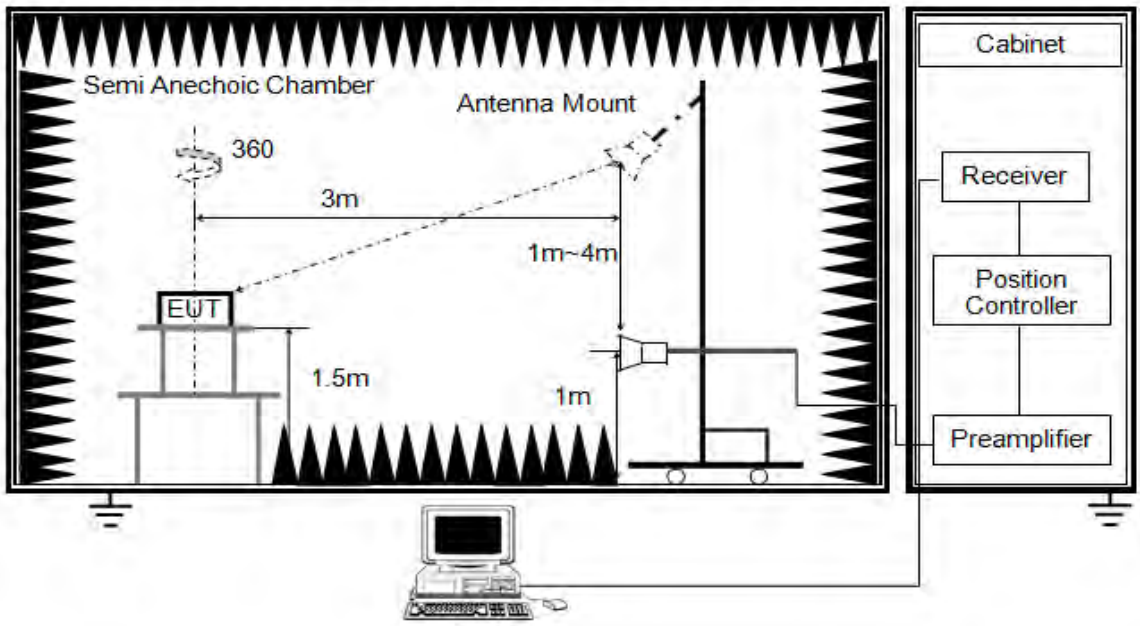
ABOVE 1G



The setting of the spectrum analyser

RBW	1M
VBW	PEAK:3M AVG: See note6
Sweep	Auto
Detector	Peak/Average(10Hz)
Trace	Max hold

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

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

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

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

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

6. For measurements above 1 GHz, the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements; and 1 MHz resolution bandwidth with video bandwidth ≥1/T but not less than the setting list in section 7.1 when use peak detector, max hold to be run for at least [50*(1/Duty Cycle)] traces for average measurements. For the Duty Cycle need to refer the results in section 7.1.

7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

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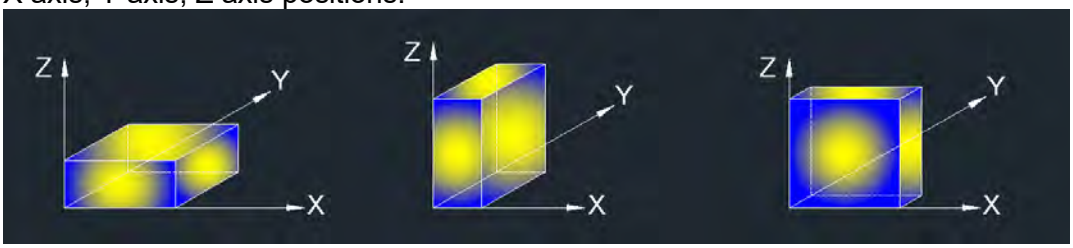
X axis, Y axis, Z axis positions:



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

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7.6.2. RESTRICTED BANDEDGE

Test Result Table

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna1	LCH	<Limit	PASS
		HCH	<Limit	PASS
11G	Antenna1	LCH	<Limit	PASS
		HCH	<Limit	PASS
11N20 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		HCH	<Limit	PASS
11N40 MIMO	Antenna1+Antenna2	LCH	<Limit	PASS
		HCH	<Limit	PASS

Remark:

1) For this product, it has two antennas, antenna1 and antenna2, but only the 802.11N HT20 and 802.11N HT40 modes can support both the SISO and MIMO technical. But for the modes of 11B &11G, only the antenna 1 is working.
2) Through pre-testing all the test modes of 11N 20 and 11N40, including SISO and MIMO, but only the data if worse case is included in this test report.

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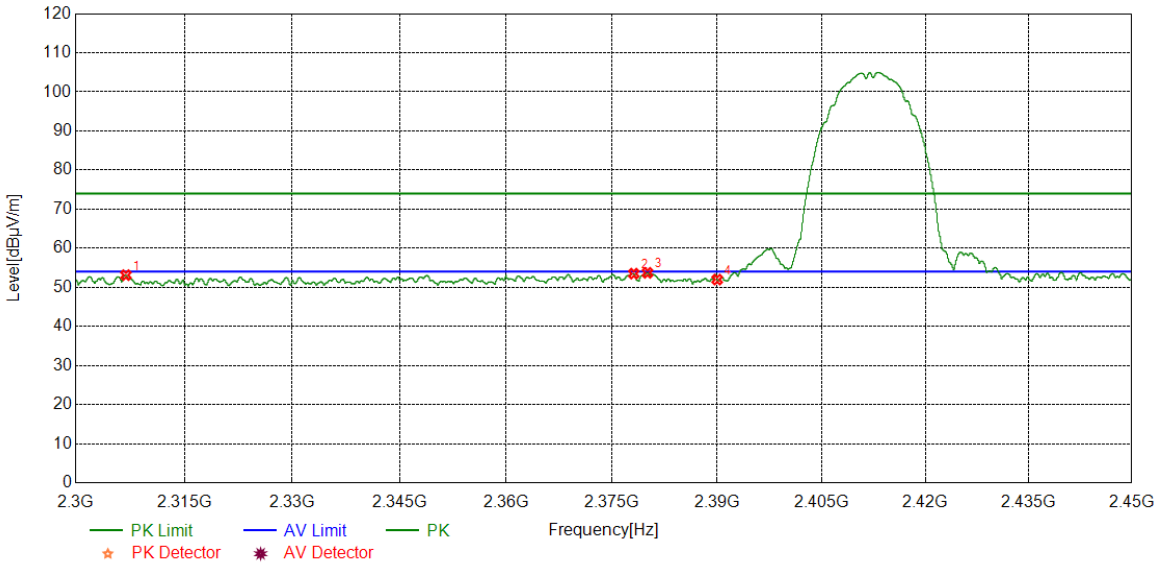
Test Graphs:

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2306.9196	40.84	12.28	53.12	74.00	-20.88	peak
2	2378.1035	40.46	13.04	53.50	74.00	-20.50	peak
3	2380.0538	40.65	13.06	53.71	74.00	-20.29	peak
4	2390.0000	38.91	13.07	51.98	74.00	-22.02	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.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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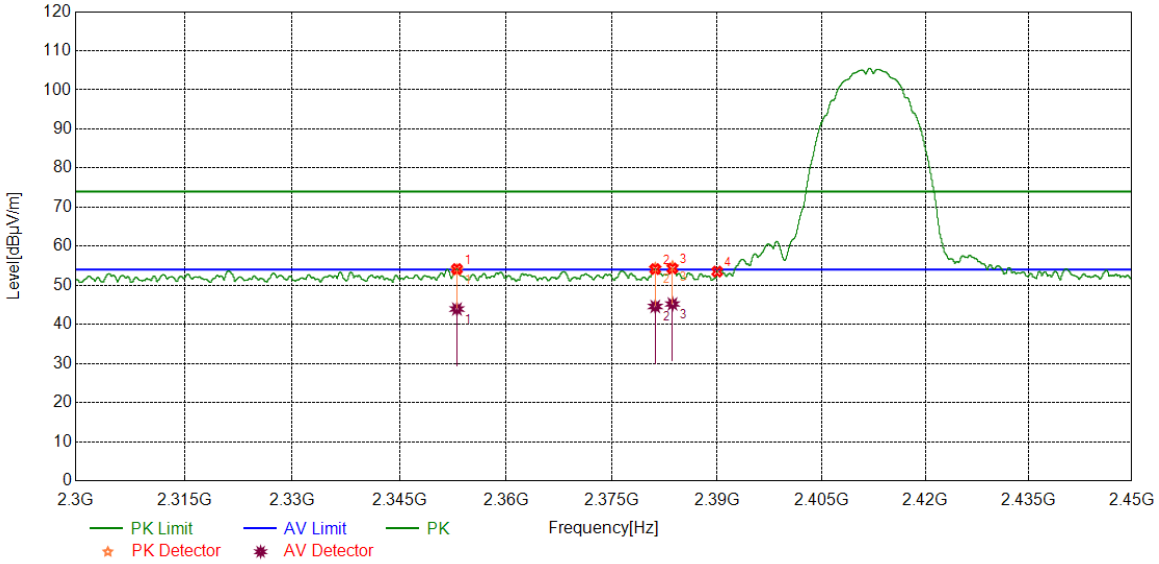
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2353.0691	41.45	12.72	54.17	74.00	-19.83	peak
		31.22	12.72	43.94	54.00	-10.06	average
2	2381.1601	41.09	13.06	54.15	74.00	-19.85	peak
		31.53	13.06	44.59	54.00	-9.41	average
3	2383.6167	41.24	13.06	54.30	74.00	-19.70	peak
		32.17	13.06	45.23	54.00	-8.77	average
4	2390.0000	40.44	13.07	53.51	74.00	-20.49	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.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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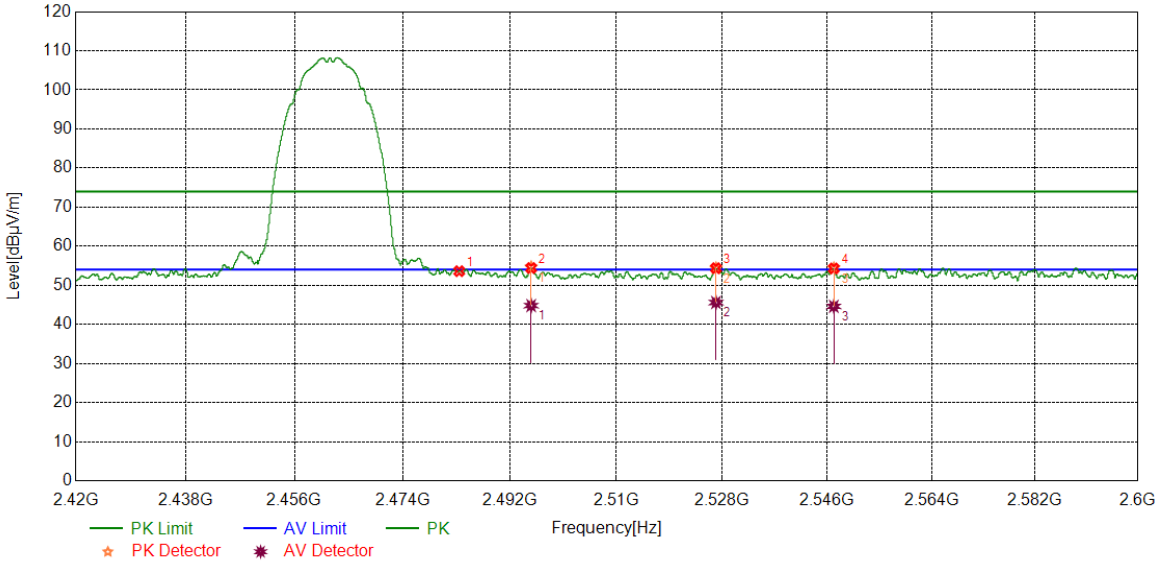
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.65	12.97	53.62	74.00	-20.38	peak
2	2495.5869	41.33	13.08	54.41	74.00	-19.59	peak
		31.73	13.08	44.81	54.00	-9.19	average
3	2526.9334	41.02	13.36	54.38	74.00	-19.62	peak
		32.24	13.36	45.60	54.00	-8.40	average
4	2547.1184	40.94	13.37	54.31	74.00	-19.69	peak
		31.25	13.37	44.62	54.00	-9.38	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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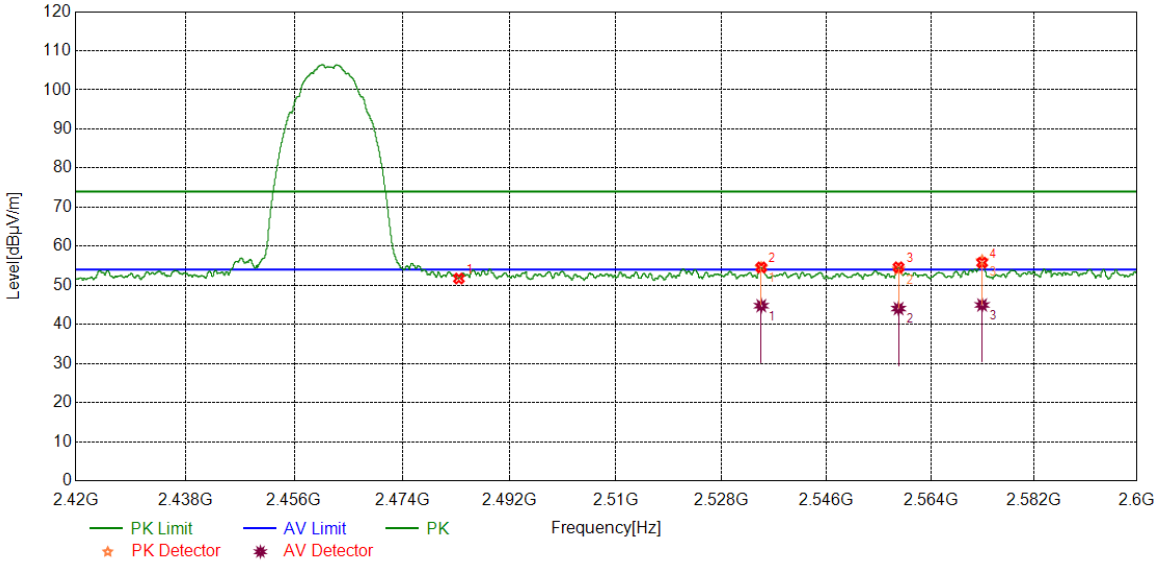
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	38.76	12.97	51.73	74.00	-22.27	peak
2	2534.7868	41.16	13.42	54.58	74.00	-19.42	peak
		31.36	13.42	44.78	54.00	-9.22	average
3	2558.4148	41.21	13.40	54.61	74.00	-19.39	peak
		30.65	13.40	44.05	54.00	-9.95	average
4	2572.9066	42.34	13.45	55.79	74.00	-18.21	peak
		31.52	13.45	44.97	54.00	-9.03	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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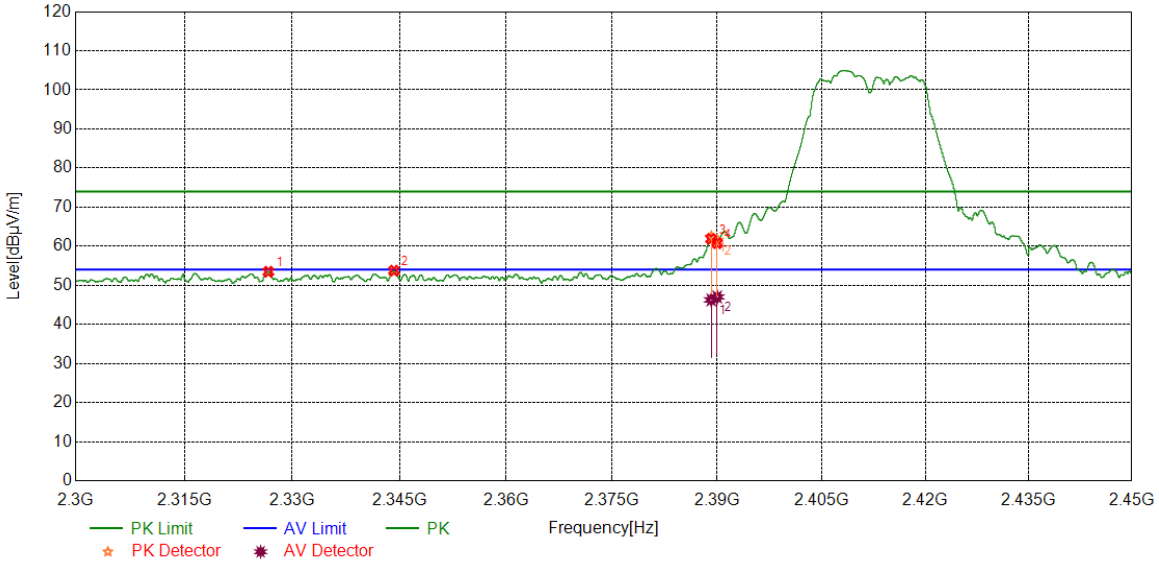
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2326.6658	41.05	12.43	53.48	74.00	-20.52	peak
2	2344.2180	41.11	12.64	53.75	74.00	-20.25	peak
3	2389.1299	48.80	13.07	61.87	74.00	-12.13	peak
		33.21	13.06	46.27	54.00	-7.73	average
4	2390.0000	47.69	13.07	60.76	74.00	-13.24	peak
		33.96	13.07	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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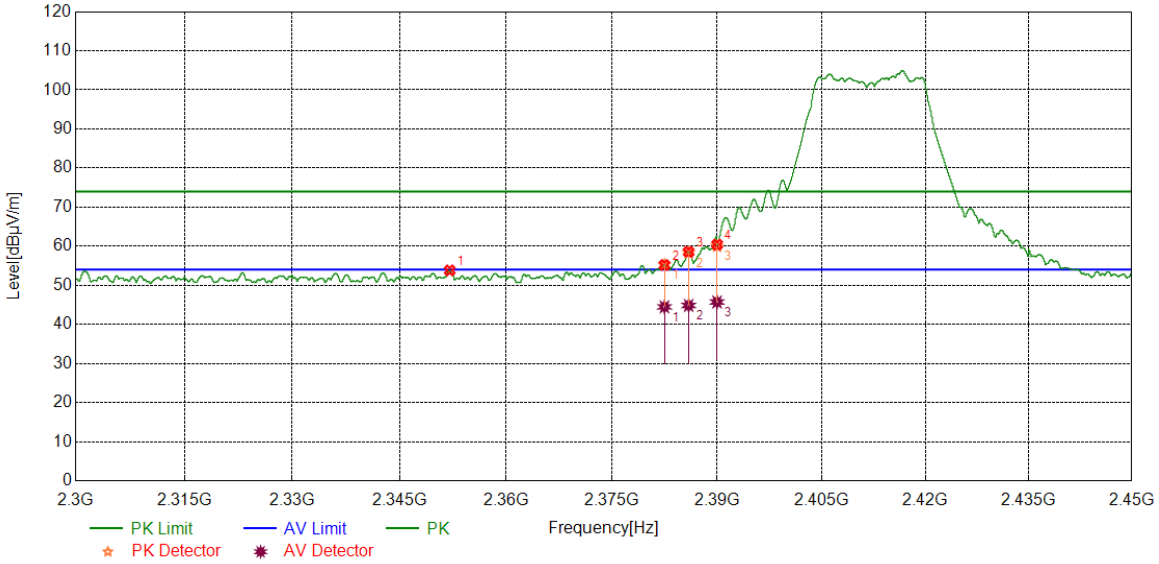
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2352.0565	41.12	12.71	53.83	74.00	-20.17	peak
2	2382.4728	42.14	13.06	55.20	74.00	-18.8	peak
		31.42	13.06	44.48	54.00	-9.52	average
3	2385.9232	45.51	13.06	58.57	74.00	-15.43	peak
		31.79	13.06	44.85	54.00	-9.15	average
4	2390.0000	47.35	13.07	60.42	74.00	-13.58	peak
		32.66	13.07	45.73	54.00	-8.27	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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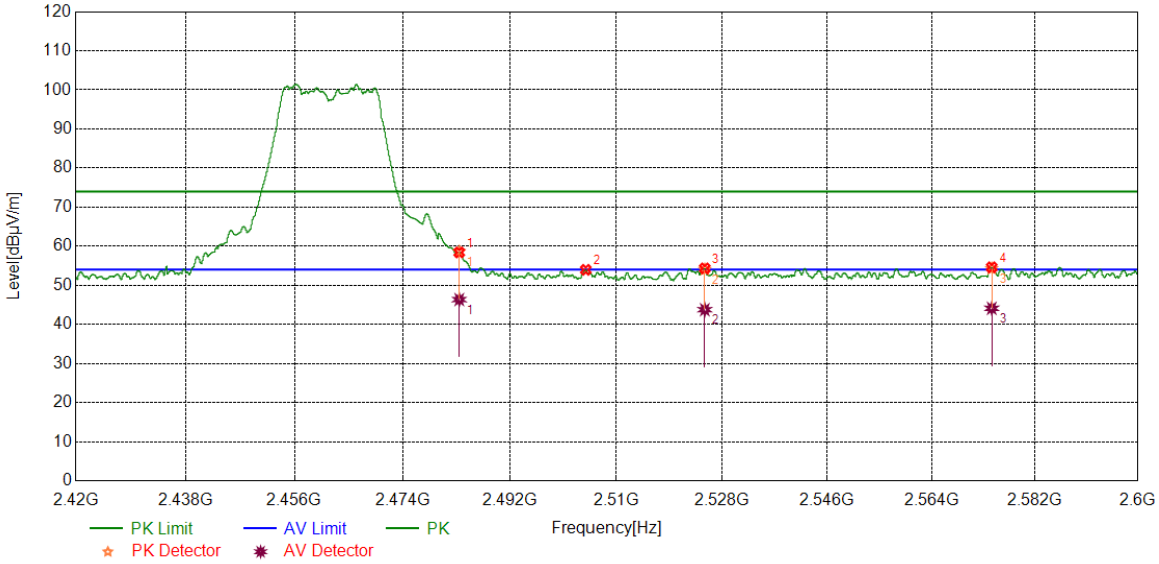
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	45.45	12.97	58.42	74.00	-15.58	peak
		33.38	12.97	46.35	54.00	-7.65	average
2	2504.8131	40.79	13.17	53.96	74.00	-20.04	peak
3	2525.0206	41.01	13.32	54.33	74.00	-19.67	peak
		30.45	13.32	43.77	54.00	-10.23	average
4	2574.4368	41.16	13.45	54.61	74.00	-19.39	peak
		30.66	13.45	44.11	54.00	-9.89	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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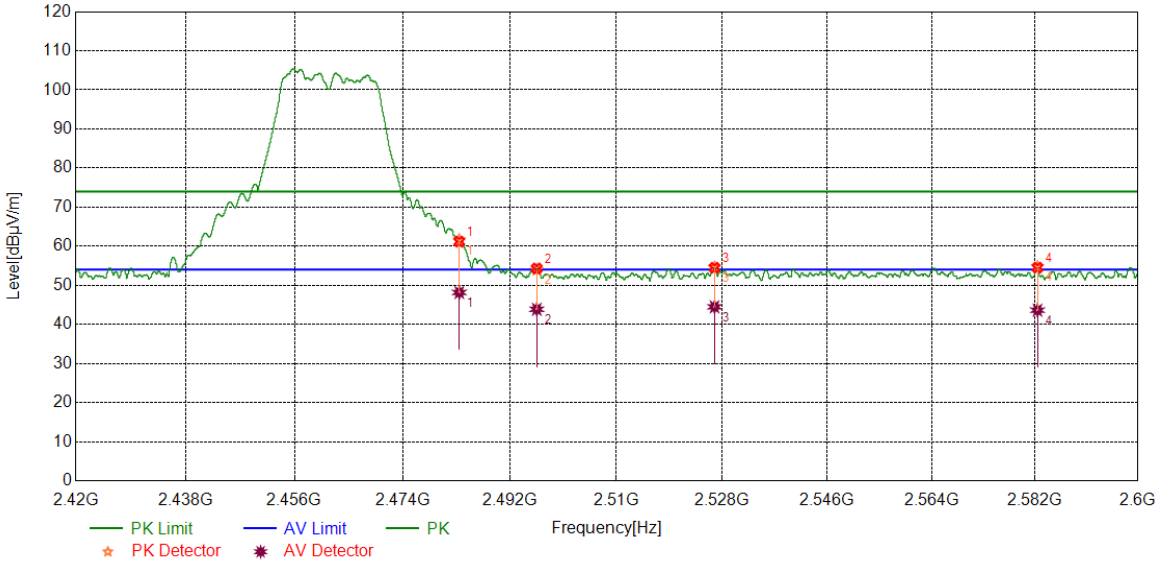
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	48.20	12.97	61.17	74.00	-12.83	peak
		35.20	12.97	48.17	54.00	-5.83	average
2	2496.5321	41.22	13.09	54.31	74.00	-19.69	peak
		30.78	13.09	43.87	54.00	-10.13	average
3	2526.6858	41.14	13.35	54.49	74.00	-19.51	peak
		31.14	13.35	44.49	54.00	-9.51	average
4	2582.4028	41.03	13.48	54.51	74.00	-19.49	peak
		30.15	13.48	43.63	54.00	-10.37	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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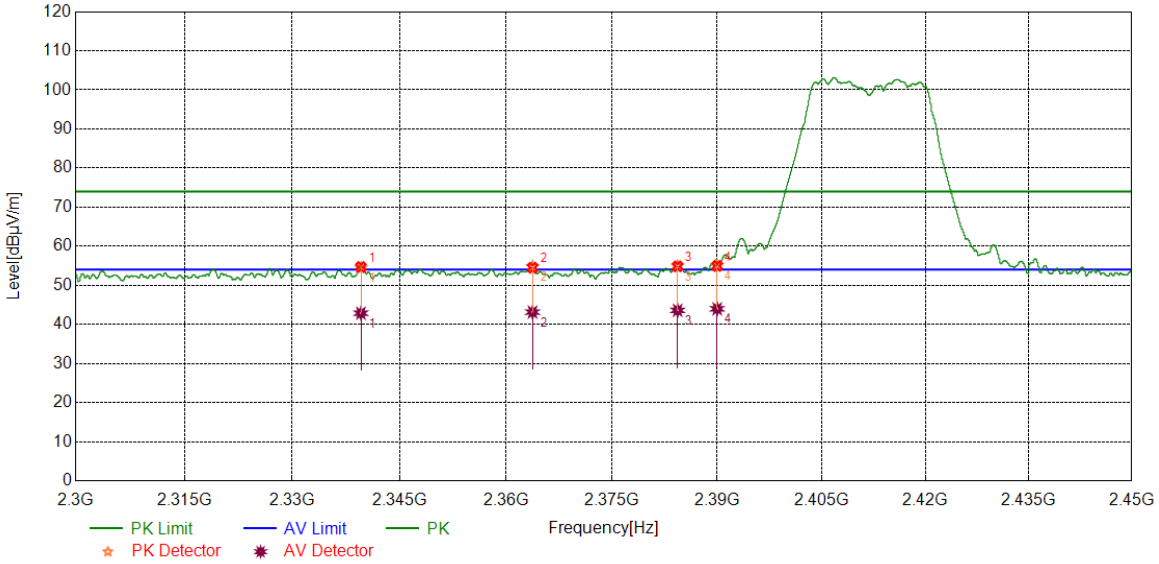
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2339.5862	42.10	12.59	54.69	74.00	-19.31	peak
		30.27	12.59	42.86	54.00	-11.14	average
2	2363.7392	41.66	12.83	54.49	74.00	-19.51	peak
		30.31	12.83	43.14	54.00	-10.86	average
3	2384.3480	41.79	13.06	54.85	74.00	-19.15	peak
		30.54	13.06	43.60	54.00	-10.40	average
4	2390.0000	41.89	13.07	54.96	74.00	-19.04	peak
		30.92	13.07	43.99	54.00	-10.01	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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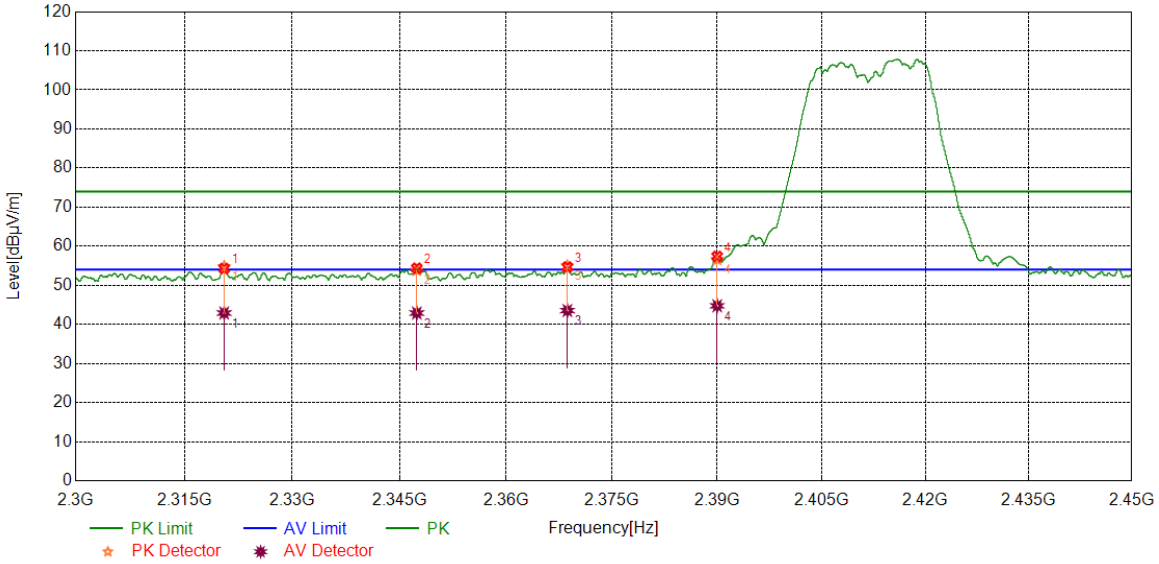
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2320.5151	41.94	12.35	54.29	74.00	-19.71	peak
		30.56	12.35	42.91	54.00	-11.09	average
2	2347.4247	41.70	12.67	54.37	74.00	-19.63	peak
		30.24	12.67	42.91	54.00	-11.09	average
3	2368.6711	41.76	12.91	54.67	74.00	-19.33	peak
		30.64	12.91	43.55	54.00	-10.45	average
4	2390.0000	44.31	13.07	57.38	74.00	-16.62	peak
		31.69	13.07	44.76	54.00	-9.24	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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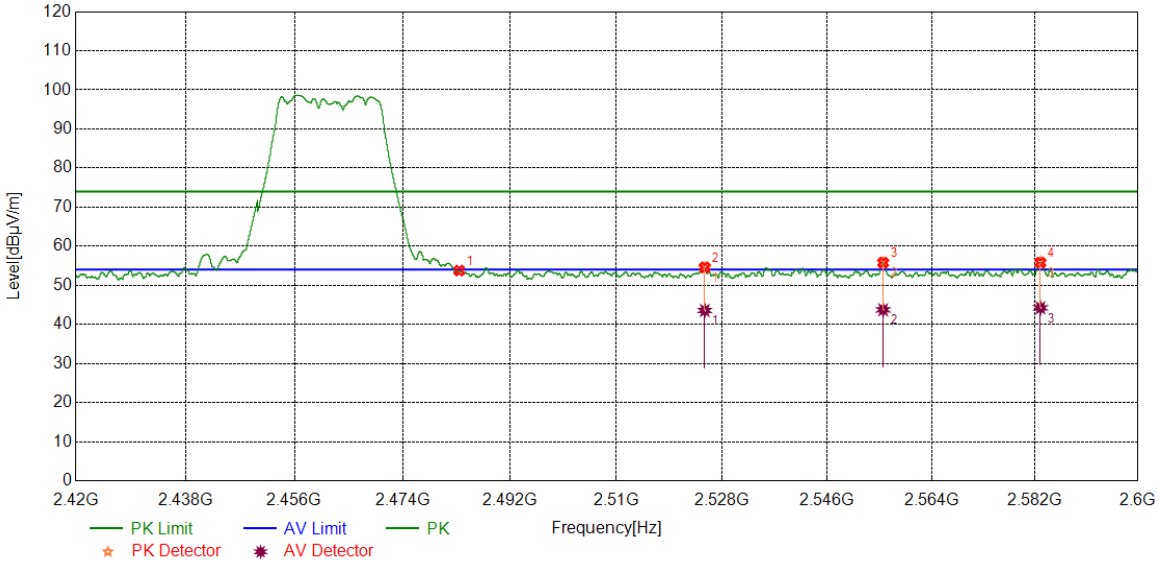
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.81	12.97	53.78	74.00	-20.22	peak
2	2525.0206	41.28	13.32	54.60	74.00	-19.40	peak
		30.24	13.32	43.56	54.00	-10.44	average
3	2555.6245	42.42	13.39	55.81	74.00	-18.19	peak
		30.35	13.39	43.74	54.00	-10.26	average
4	2582.9204	42.33	13.48	55.81	74.00	-18.19	peak
		30.76	13.48	44.24	54.00	-9.76	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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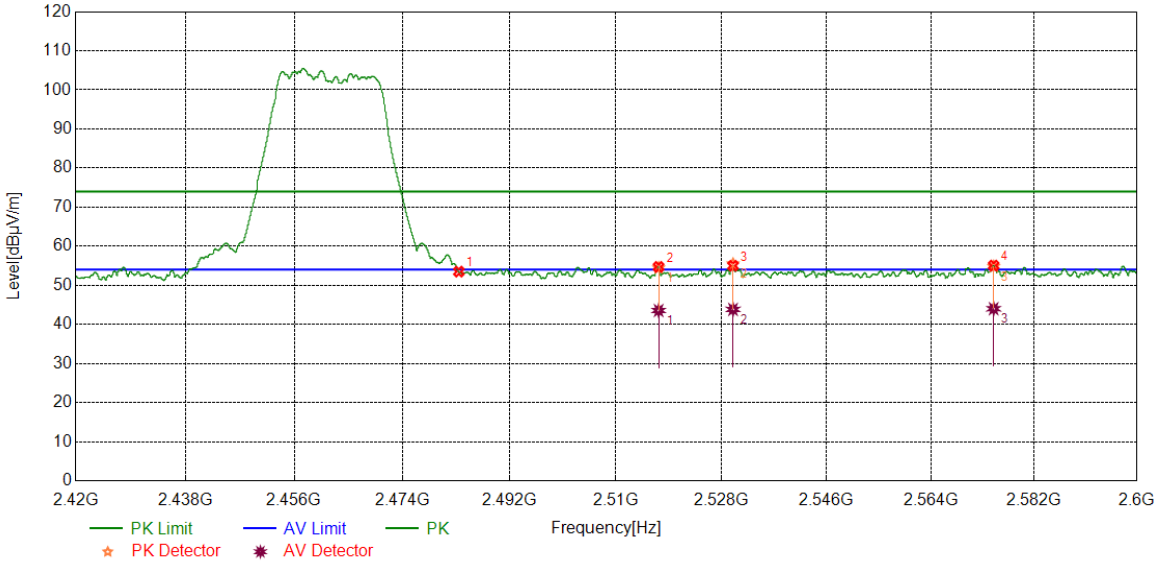
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	40.54	12.97	53.51	74.00	-20.49	peak
2	2517.2572	41.51	13.21	54.72	74.00	-19.28	peak
		30.35	13.21	43.56	54.00	-10.44	average
3	2529.9487	41.57	13.42	54.99	74.00	-19.01	peak
		30.42	13.42	43.84	54.00	-10.16	average
4	2574.9094	41.60	13.45	55.05	74.00	-18.95	peak
		30.56	13.45	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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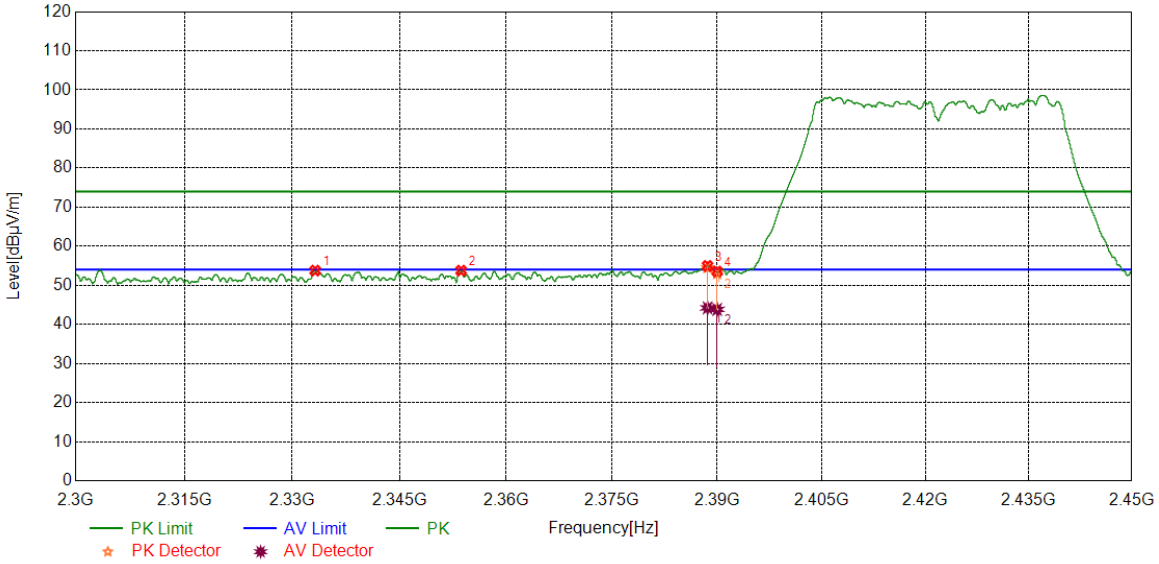
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2333.1916	41.25	12.51	53.76	74.00	-20.24	peak
2	2353.6505	41.05	12.72	53.77	74.00	-20.23	peak
3	2388.6236	41.90	13.07	54.97	74.00	-19.03	peak
		31.15	13.07	44.22	54.00	-9.78	average
4	2390.0000	40.47	13.07	53.54	74.00	-20.46	peak
		30.76	13.07	43.83	54.00	-10.17	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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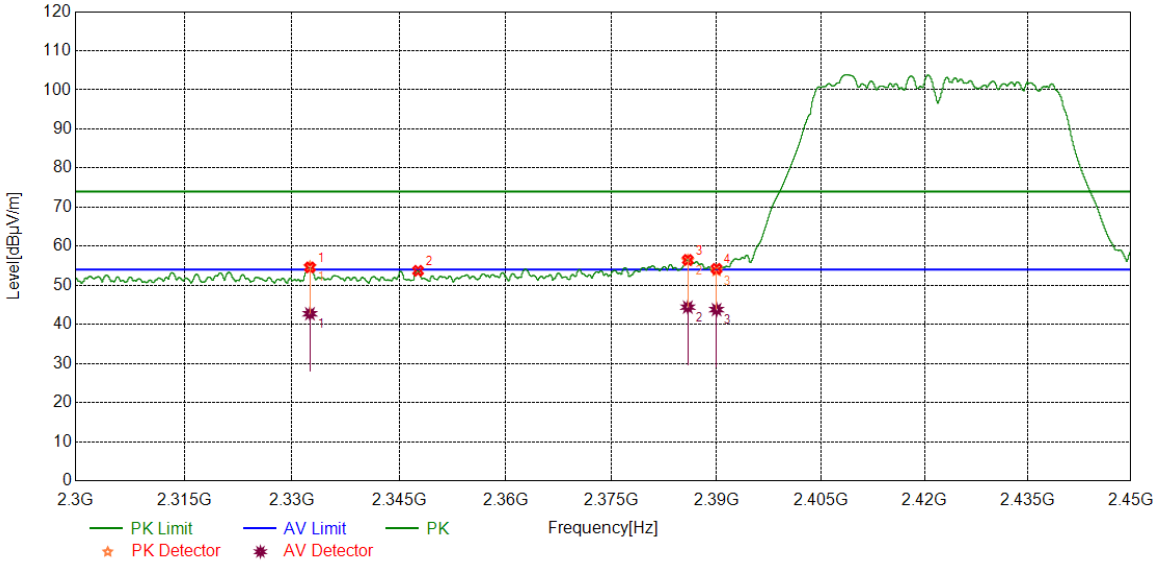
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2332.4978	42.08	12.50	54.58	74.00	-19.42	peak
		30.23	12.50	42.73	54.00	-11.27	average
2	2347.6497	41.04	12.67	53.71	74.00	-20.29	peak
3	2385.8857	43.44	13.06	56.50	74.00	-17.50	peak
		31.36	13.06	44.42	54.00	-9.58	average
4	2390.0000	41.14	13.07	54.21	74.00	-19.79	peak
		30.72	13.07	43.79	54.00	-10.21	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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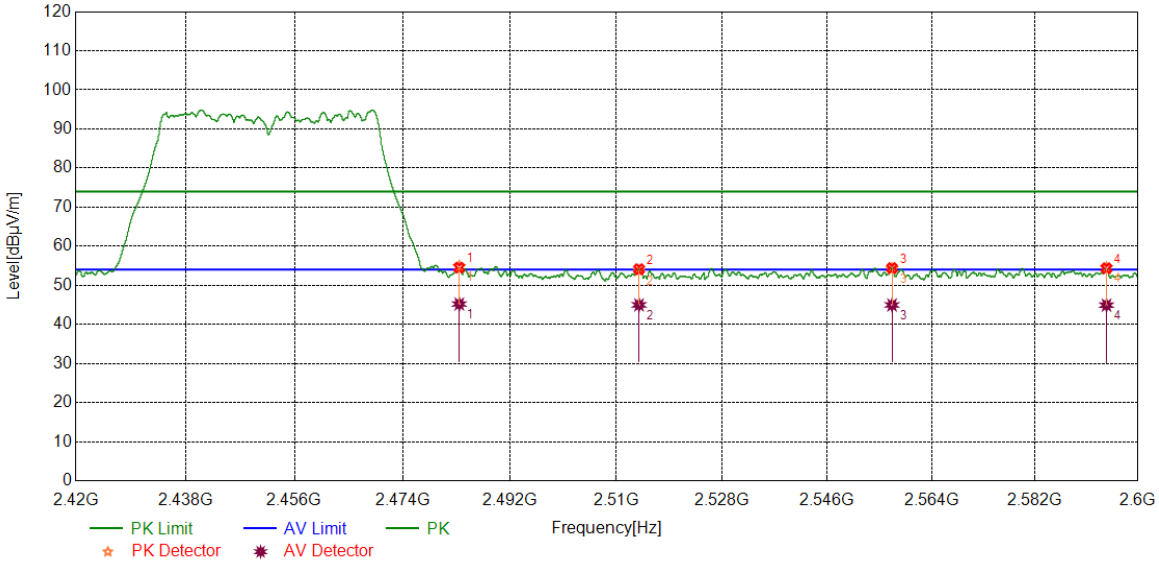
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	41.55	12.97	54.52	74.00	-19.48	peak
		32.24	12.97	45.21	54.00	-8.79	average
2	2513.8367	40.93	13.21	54.14	74.00	-19.86	peak
		31.78	13.21	44.99	54.00	-9.01	average
3	2557.1546	41.03	13.40	54.43	74.00	-19.57	peak
		31.57	13.40	44.97	54.00	-9.03	average
4	2594.4643	40.87	13.49	54.36	74.00	-19.64	peak
		31.43	13.49	44.92	54.00	-9.08	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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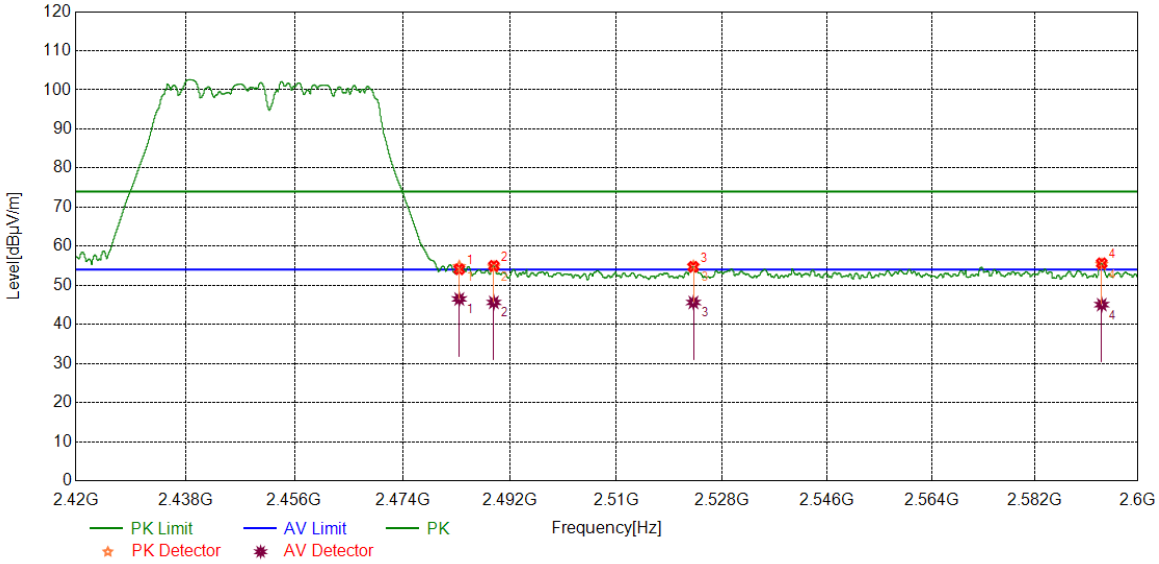
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2483.5000	41.12	12.97	54.09	74.00	-19.91	peak
		33.53	12.97	46.50	54.00	-7.50	average
2	2489.3087	41.99	12.99	54.98	74.00	-19.02	peak
		32.64	12.99	45.63	54.00	-8.37	average
3	2523.0629	41.45	13.28	54.73	74.00	-19.27	peak
		32.33	13.28	45.61	54.00	-8.39	average
4	2593.6317	42.13	13.50	55.63	74.00	-18.37	peak
		31.55	13.50	45.05	54.00	-8.95	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. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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7.6.3. SPURIOUS EMISSIONS

Test Result Table:
1) For 1GHz~3GHz

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

2) For 3GHz~18GHz

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

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3) For 18GHz~26.5GHz

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

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

4) For 30MHz~1GHz

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

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

5) For 9KHz~30MHz

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

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

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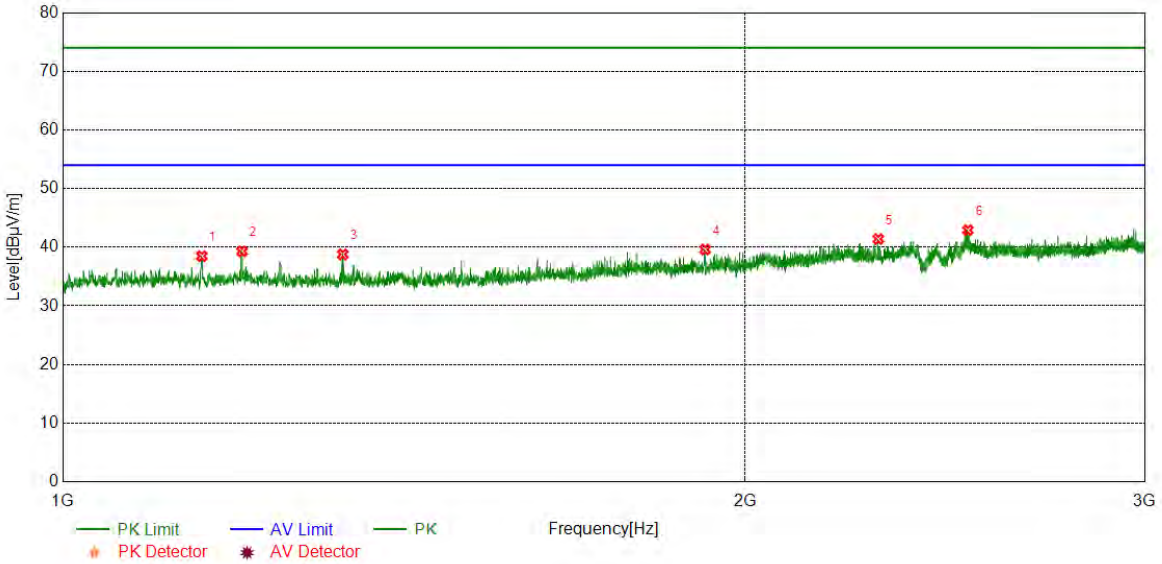
Part I: 1GHz~3GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.5246	45.56	-5.56	40.00	74.00	-34.00	peak
2	1332.2915	51.61	-5.68	45.93	74.00	-28.07	peak
3	1534.8169	58.95	-5.76	53.19	74.00	-20.81	peak
4	1794.8494	46.15	-3.79	42.36	74.00	-31.64	peak
5	2252.4066	45.86	-2.08	43.78	74.00	-30.22	peak
6	2571.9465	42.96	-0.82	42.14	74.00	-31.86	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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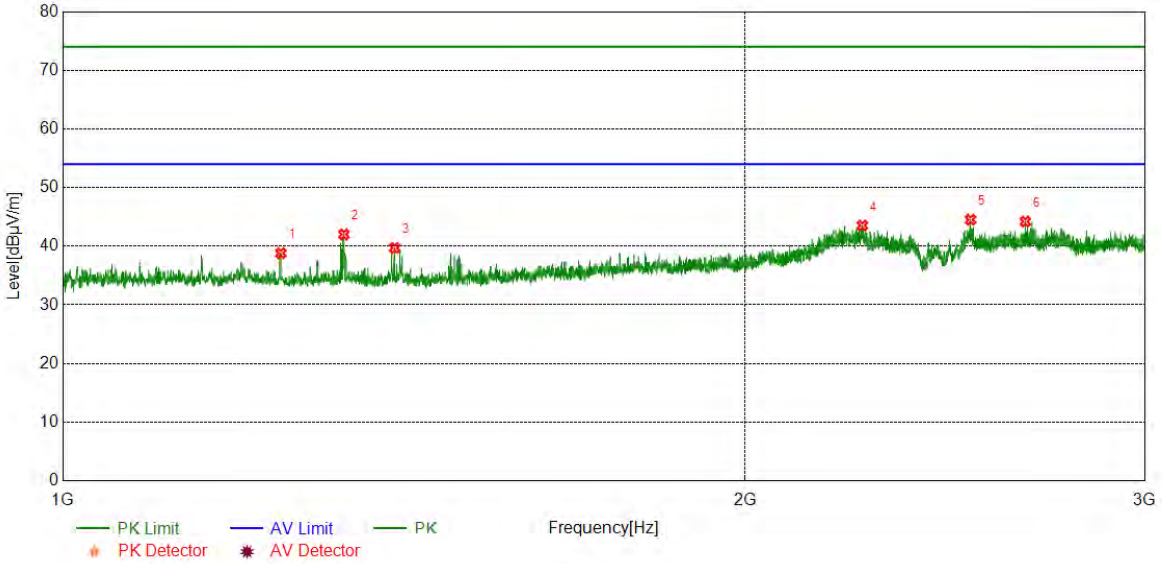
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.7745	50.31	-5.56	44.75	74.00	-29.25	peak
2	1332.5416	48.51	-5.67	42.84	74.00	-31.16	peak
3	1534.8169	54.20	-5.76	48.44	74.00	-25.56	peak
4	1791.8490	46.95	-3.76	43.19	74.00	-30.81	peak
5	1996.6246	49.85	-3.02	46.83	74.00	-27.17	peak
6	2252.4066	49.04	-2.08	46.96	74.00	-27.04	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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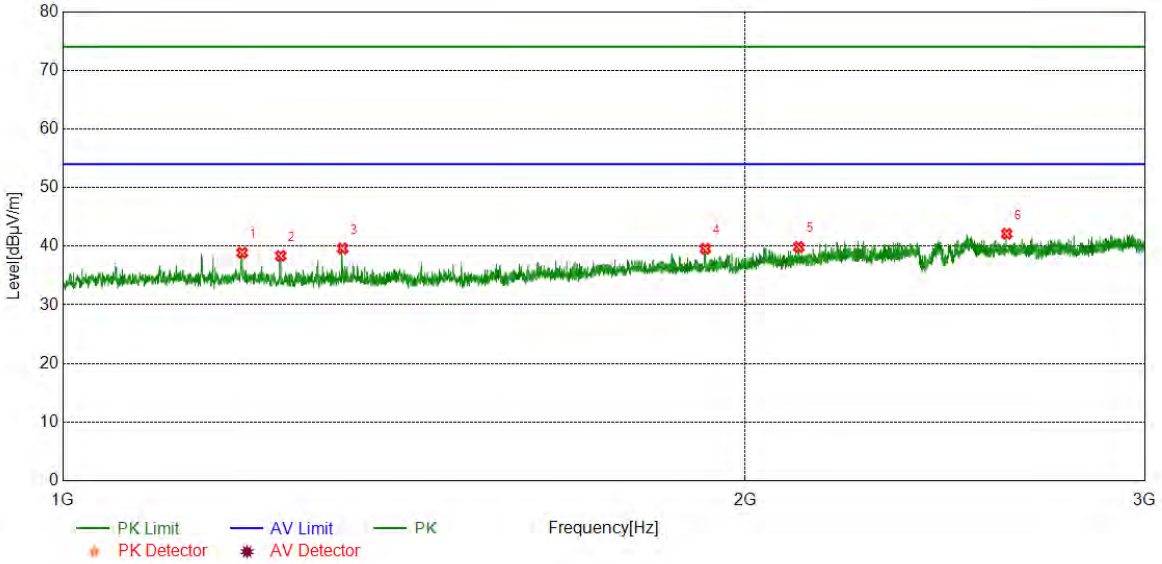
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.2747	45.31	-5.56	39.75	74.00	-34.25	peak
2	1332.2915	51.18	-5.68	45.50	74.00	-28.50	peak
3	1534.8169	58.88	-5.76	53.12	74.00	-20.88	peak
4	1799.8500	45.54	-3.84	41.70	74.00	-32.30	peak
5	2108.6386	44.43	-2.55	41.88	74.00	-32.12	peak
6	2518.1898	42.25	-0.33	41.92	74.00	-32.08	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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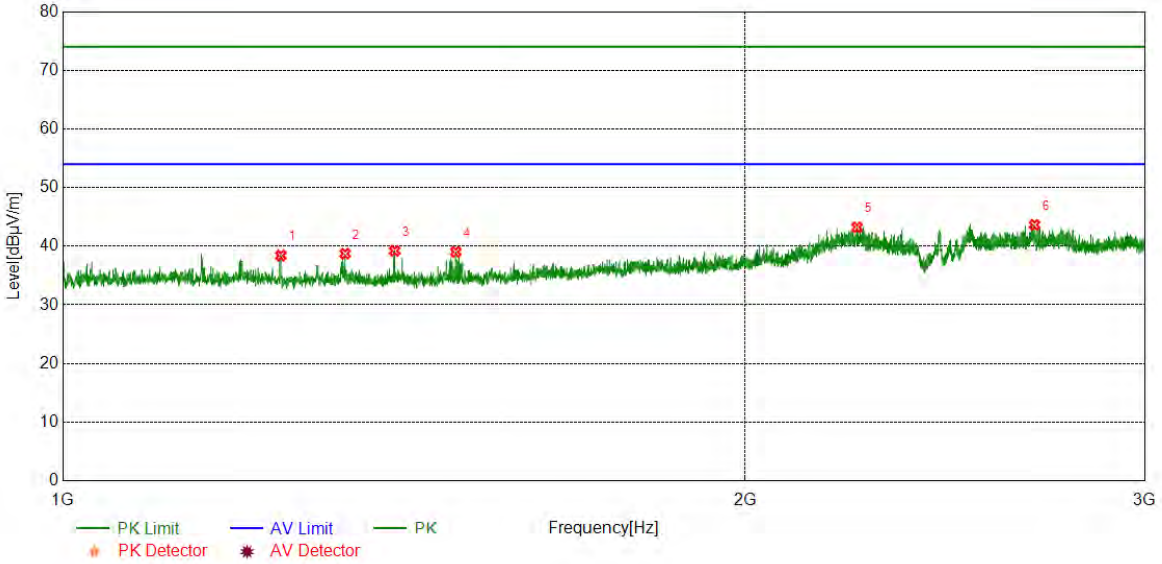
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	48.77	-5.57	43.20	74.00	-30.80	peak
2	1332.2915	48.49	-5.68	42.81	74.00	-31.19	peak
3	1534.8169	53.63	-5.76	47.87	74.00	-26.13	peak
4	1797.3497	48.60	-3.82	44.78	74.00	-29.22	peak
5	2259.1574	48.84	-2.11	46.73	74.00	-27.27	peak
6	2627.4534	45.98	-0.61	45.37	74.00	-28.63	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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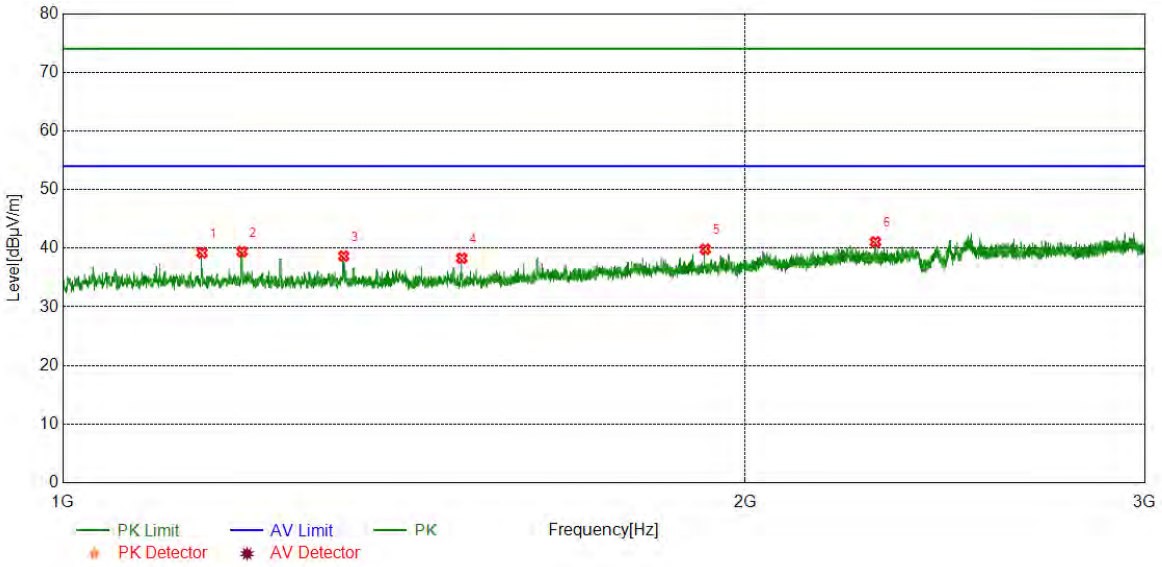
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.2743	46.83	-5.57	41.26	74.00	-32.74	peak
2	1332.2915	51.50	-5.68	45.82	74.00	-28.18	peak
3	1534.8169	58.64	-5.76	52.88	74.00	-21.12	peak
4	1790.0988	47.98	-3.74	44.24	74.00	-29.76	peak
5	2200.6501	42.27	-2.33	39.94	74.00	-34.06	peak
6	2509.6887	42.55	-0.39	42.16	74.00	-31.84	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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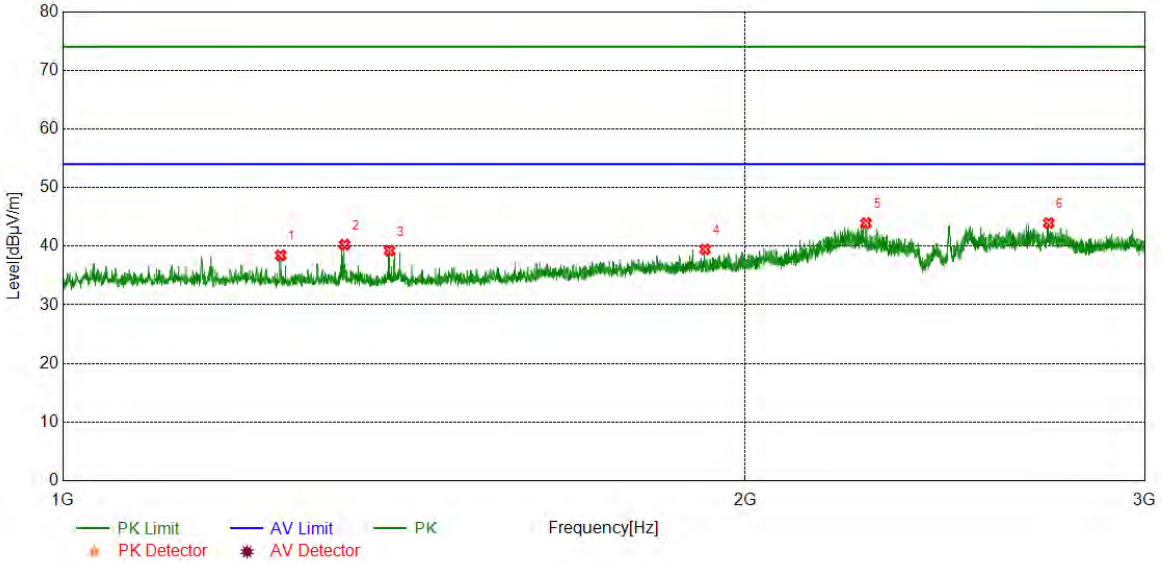
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.2747	48.25	-5.56	42.69	74.00	-31.31	peak
2	1332.2915	48.74	-5.68	43.06	74.00	-30.94	peak
3	1534.8169	54.81	-5.76	49.05	74.00	-24.95	peak
4	1798.8499	47.20	-3.83	43.37	74.00	-30.63	peak
5	2200.1500	49.89	-2.33	47.56	74.00	-26.44	peak
6	2561.1951	50.43	-0.95	49.48	74.00	-24.52	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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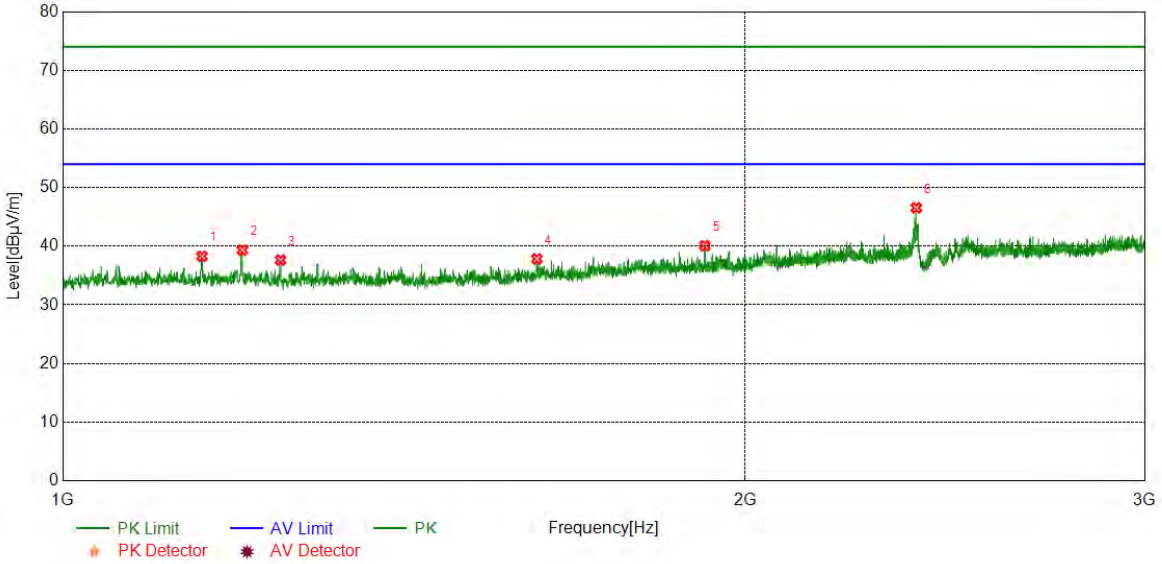
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	44.95	-5.57	39.38	74.00	-34.62	peak
2	1332.2915	51.58	-5.68	45.90	74.00	-28.10	peak
3	1534.8169	58.61	-5.76	52.85	74.00	-21.15	peak
4	1793.8492	46.59	-3.78	42.81	74.00	-31.19	peak
5	2251.9065	46.38	-2.08	44.30	74.00	-29.70	peak
6	2925.7407	41.42	0.57	41.99	74.00	-32.01	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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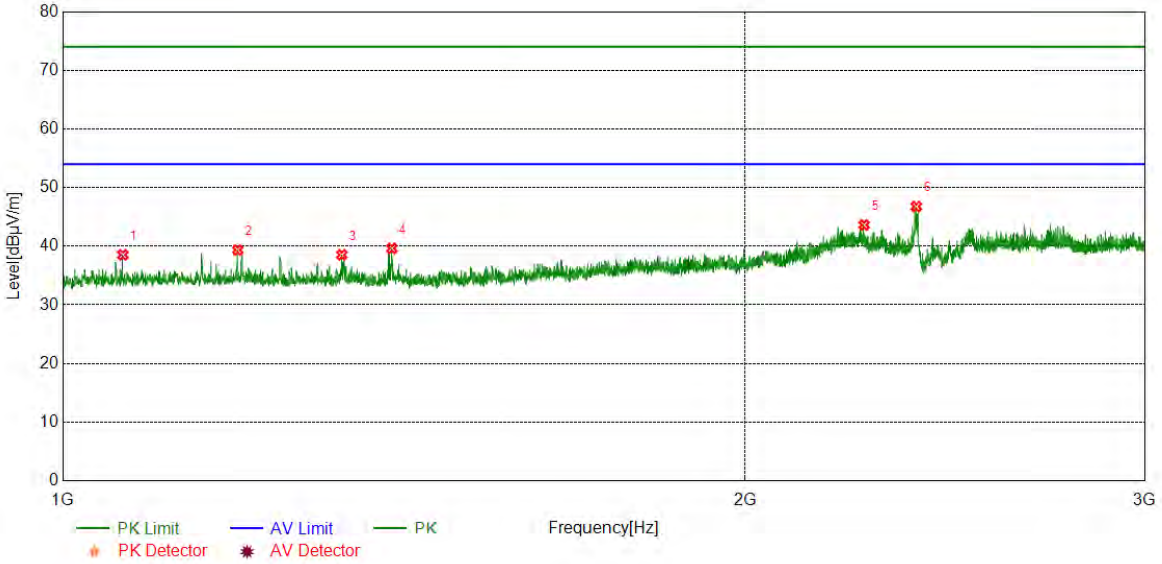
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	50.46	-5.57	44.89	74.00	-29.11	peak
2	1332.2915	48.00	-5.68	42.32	74.00	-31.68	peak
3	1534.8169	54.75	-5.76	48.99	74.00	-25.01	peak
4	1793.5992	48.40	-3.78	44.62	74.00	-29.38	peak
5	2067.1334	50.74	-2.76	47.98	74.00	-26.02	peak
6	2731.9665	44.86	-0.49	44.37	74.00	-29.63	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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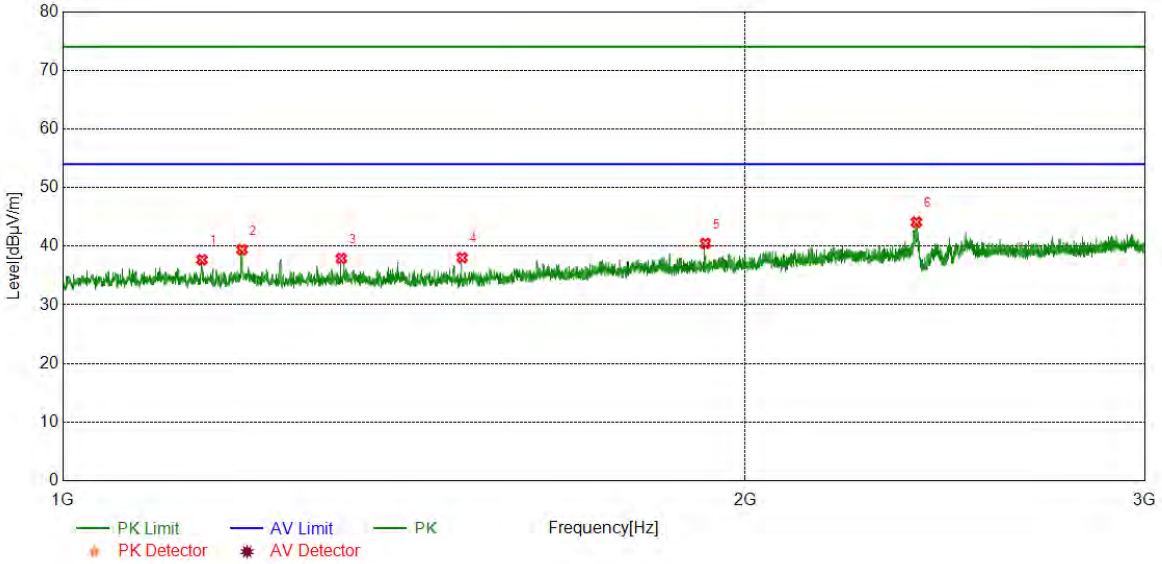
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	45.76	-5.56	40.20	74.00	-33.80	peak
2	1332.2915	51.97	-5.68	46.29	74.00	-27.71	peak
3	1534.8169	58.83	-5.76	53.07	74.00	-20.93	peak
4	1794.3493	47.50	-3.78	43.72	74.00	-30.28	peak
5	1973.6217	42.82	-3.17	39.65	74.00	-34.35	peak
6	2597.6997	42.67	-0.73	41.94	74.00	-32.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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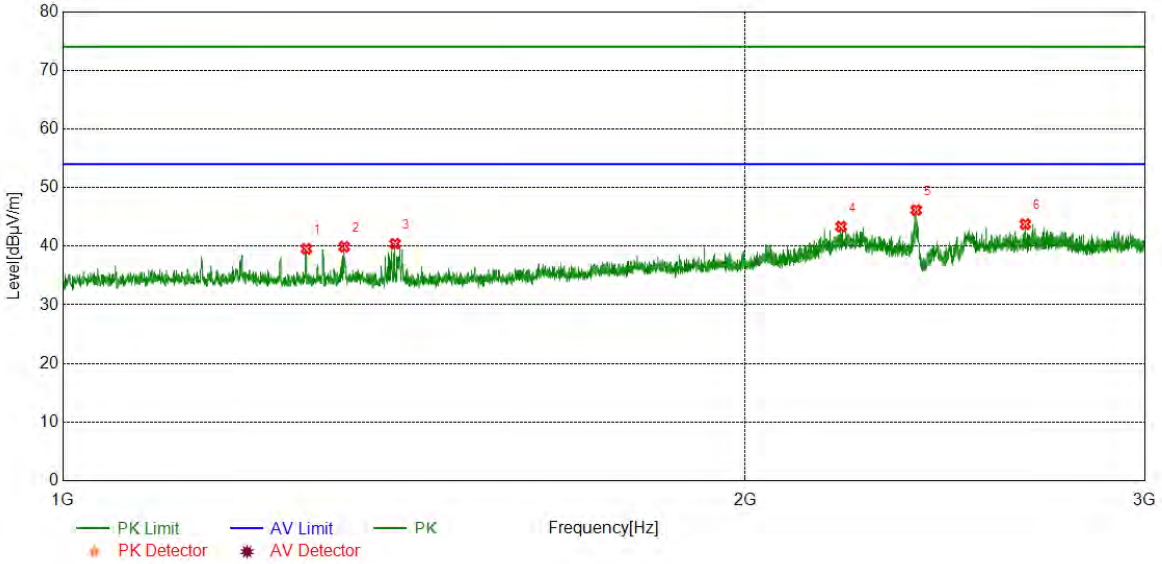
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.5243	47.83	-5.57	42.26	74.00	-31.74	peak
2	1332.2915	48.10	-5.68	42.42	74.00	-31.58	peak
3	1534.8169	54.92	-5.76	49.16	74.00	-24.84	peak
4	1799.6000	46.79	-3.84	42.95	74.00	-31.05	peak
5	2059.6325	50.48	-2.62	47.86	74.00	-26.14	peak
6	2561.6952	51.25	-0.94	50.31	74.00	-23.69	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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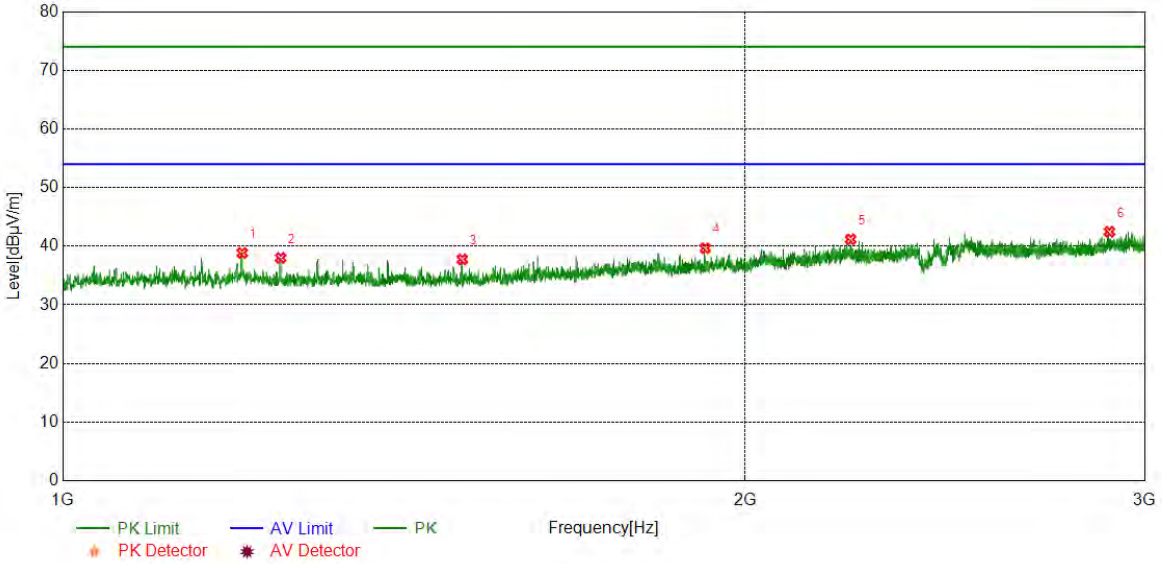
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	44.95	-5.57	39.38	74.00	-34.62	peak
2	1332.2915	51.58	-5.68	45.90	74.00	-28.10	peak
3	1534.8169	58.61	-5.76	52.85	74.00	-21.15	peak
4	1793.8492	46.59	-3.78	42.81	74.00	-31.19	peak
5	2251.9065	46.38	-2.08	44.30	74.00	-29.70	peak
6	2925.7407	41.42	0.57	41.99	74.00	-32.01	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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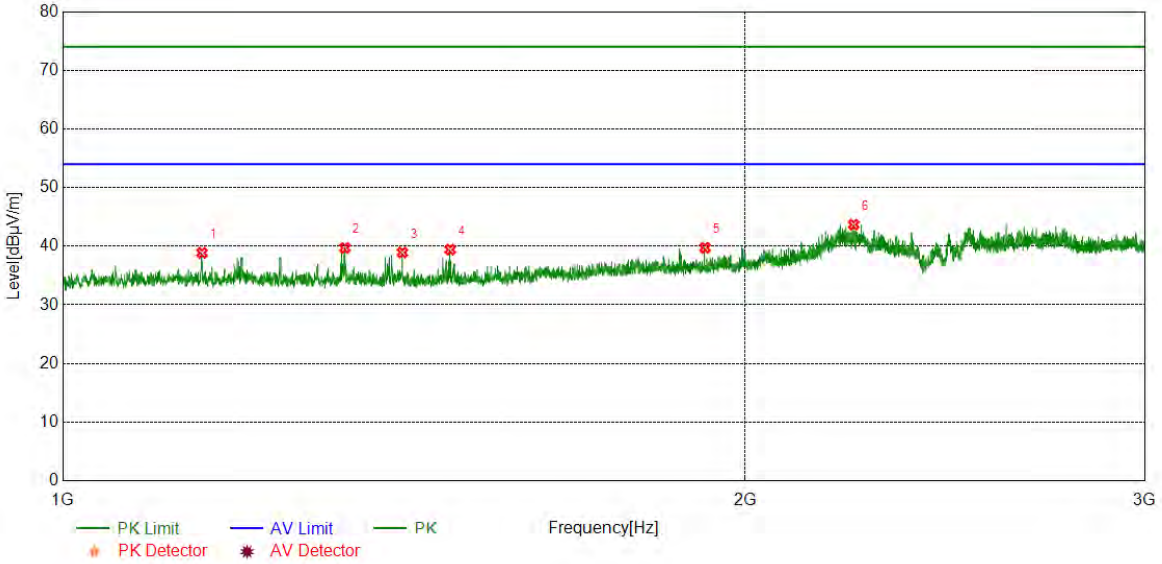
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	50.46	-5.57	44.89	74.00	-29.11	peak
2	1332.2915	48.00	-5.68	42.32	74.00	-31.68	peak
3	1534.8169	54.75	-5.76	48.99	74.00	-25.01	peak
4	1793.5992	48.40	-3.78	44.62	74.00	-29.38	peak
5	2067.1334	50.74	-2.76	47.98	74.00	-26.02	peak
6	2731.9665	44.86	-0.49	44.37	74.00	-29.63	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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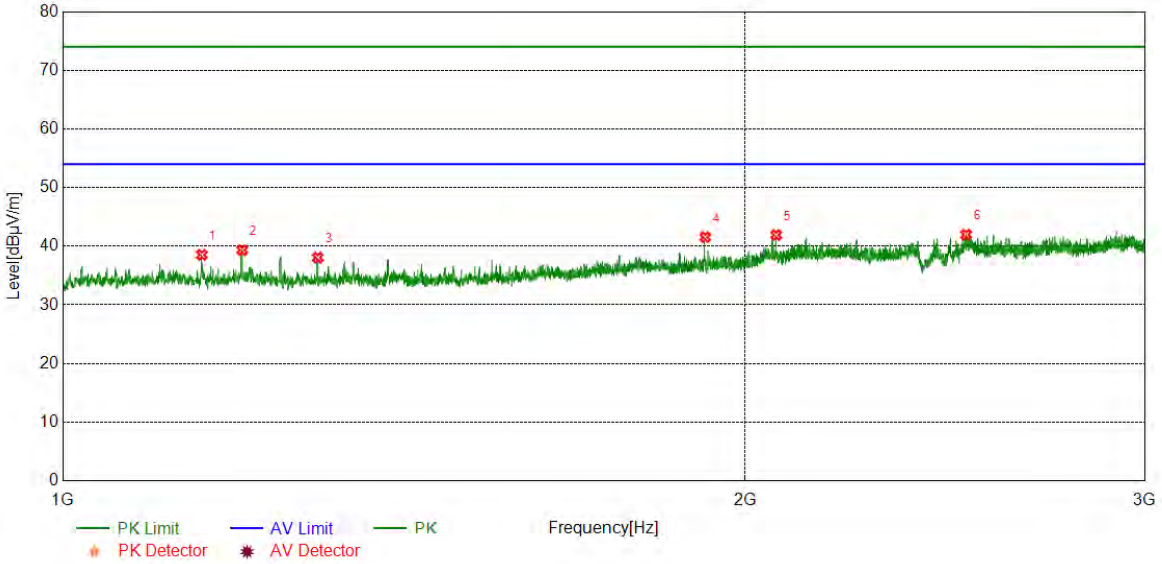
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.5244	43.06	-5.56	37.50	74.00	-36.50	peak
2	1332.2915	51.98	-5.68	46.30	74.00	-27.70	peak
3	1534.8169	58.58	-5.76	52.82	74.00	-21.18	peak
4	1794.8494	46.46	-3.79	42.67	74.00	-31.33	peak
5	2251.9065	46.35	-2.08	44.27	74.00	-29.73	peak
6	2760.9701	41.51	-0.27	41.24	74.00	-32.76	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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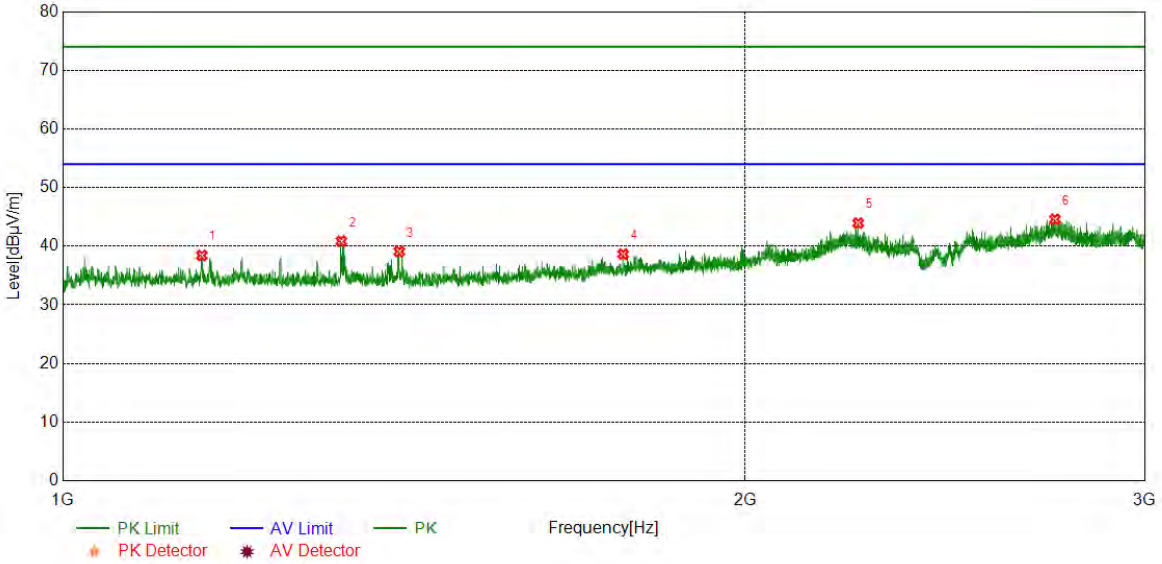
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.7746	48.38	-5.56	42.82	74.00	-31.18	peak
2	1332.2915	48.06	-5.68	42.38	74.00	-31.62	peak
3	1534.8169	55.64	-5.76	49.88	74.00	-24.12	peak
4	1793.0991	46.98	-3.77	43.21	74.00	-30.79	peak
5	2045.8807	48.49	-2.39	46.10	74.00	-27.90	peak
6	2561.9452	49.65	-0.94	48.71	74.00	-25.29	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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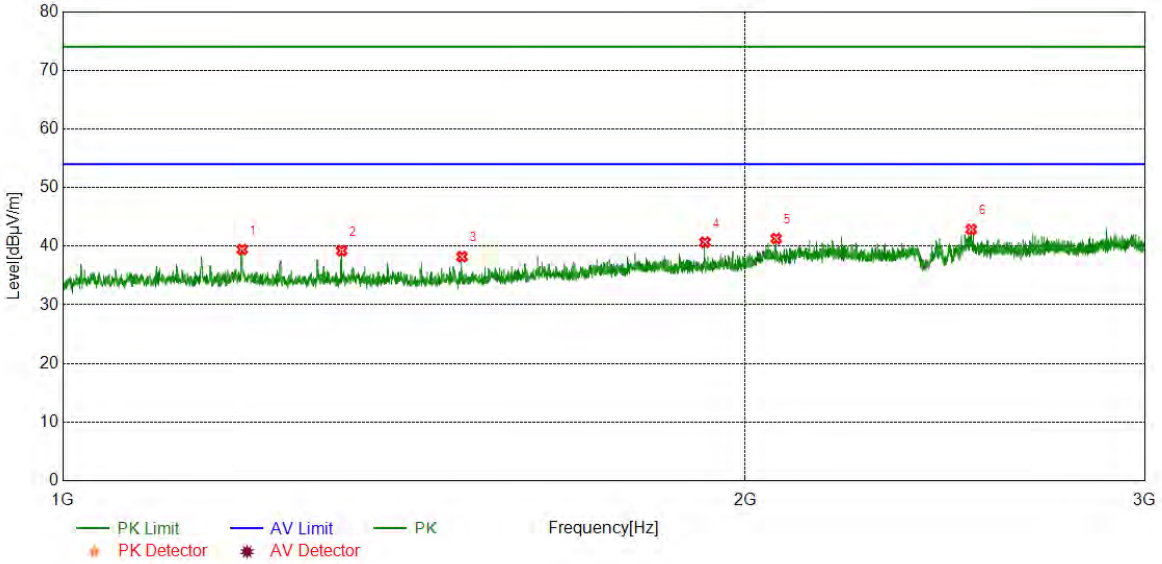
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	45.76	-5.56	40.20	74.00	-33.80	peak
2	1332.2915	51.97	-5.68	46.29	74.00	-27.71	peak
3	1534.8169	58.83	-5.76	53.07	74.00	-20.93	peak
4	1794.3493	47.50	-3.78	43.72	74.00	-30.28	peak
5	1973.6217	42.82	-3.17	39.65	74.00	-34.35	peak
6	2597.6997	42.67	-0.73	41.94	74.00	-32.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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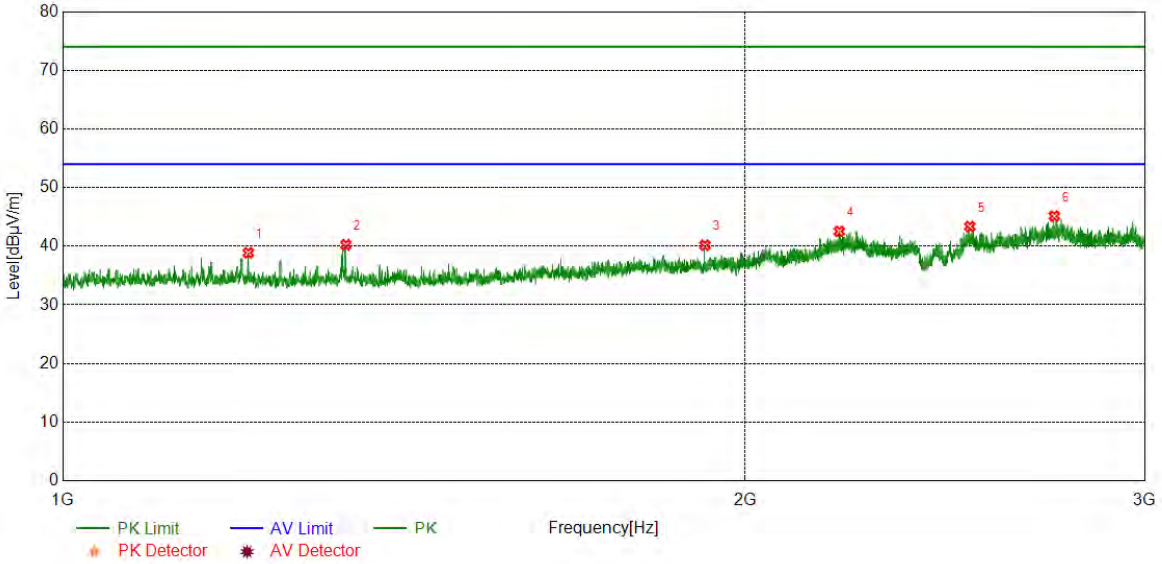
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.5243	47.83	-5.57	42.26	74.00	-31.74	peak
2	1332.2915	48.10	-5.68	42.42	74.00	-31.58	peak
3	1534.8169	54.92	-5.76	49.16	74.00	-24.84	peak
4	1799.6000	46.79	-3.84	42.95	74.00	-31.05	peak
5	2059.6325	50.48	-2.62	47.86	74.00	-26.14	peak
6	2561.6952	51.25	-0.94	50.31	74.00	-23.69	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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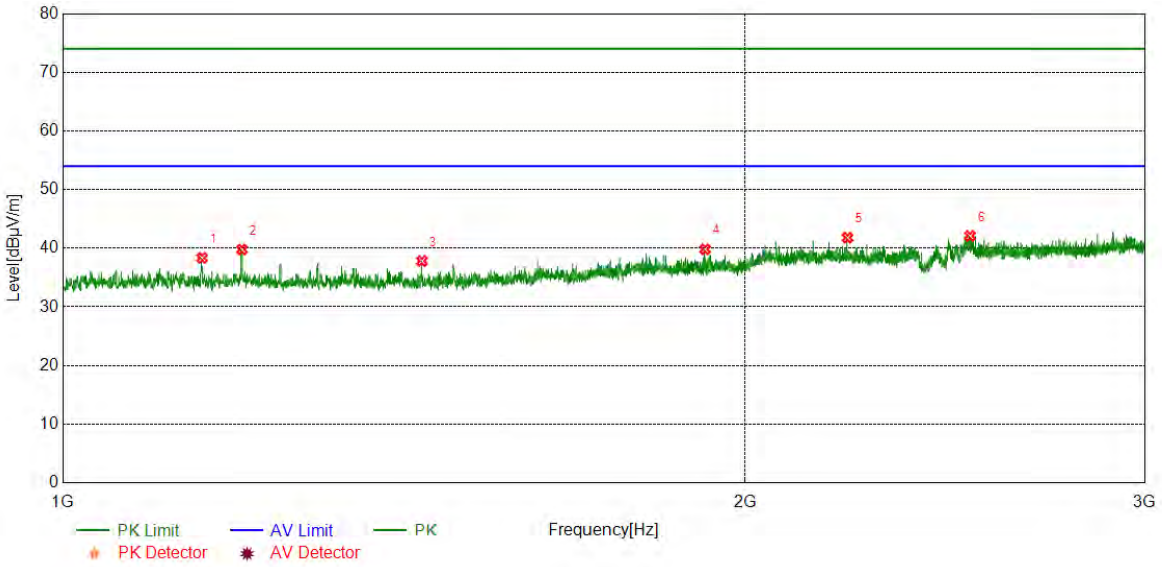
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.7748	45.66	-5.56	40.10	74.00	-33.90	peak
2	1332.2915	51.07	-5.68	45.39	74.00	-28.61	peak
3	1534.8169	58.74	-5.76	52.98	74.00	-21.02	peak
4	1796.5996	44.67	-3.81	40.86	74.00	-33.14	peak
5	2042.1303	42.59	-2.39	40.20	74.00	-33.80	peak
6	2622.2028	41.97	-0.30	41.67	74.00	-32.33	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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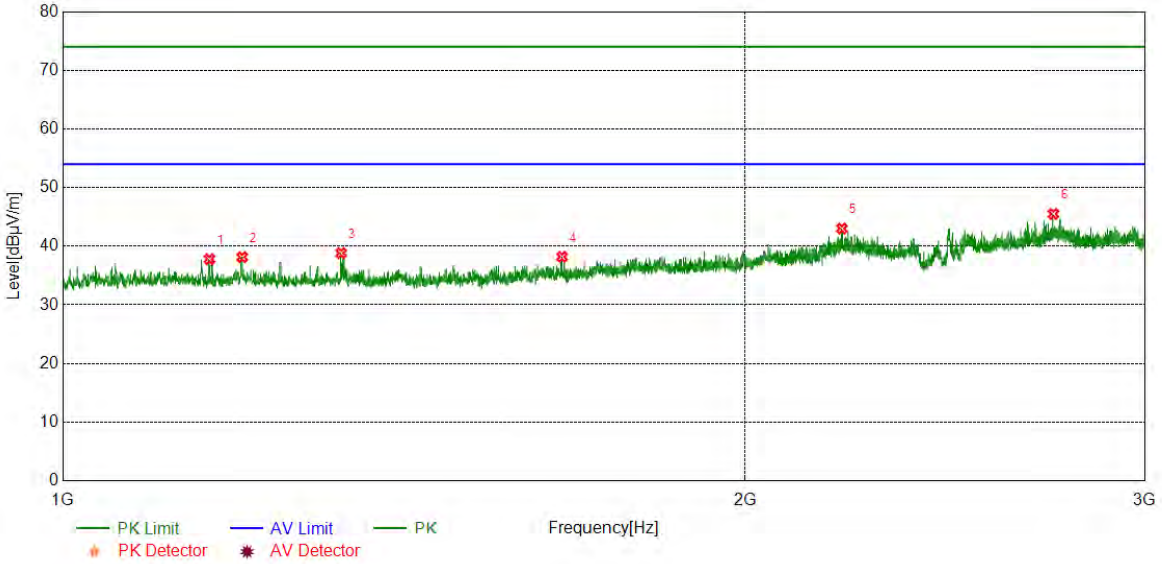
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	47.92	-5.57	42.35	74.00	-31.65	peak
2	1332.5416	48.31	-5.67	42.64	74.00	-31.36	peak
3	1393.5492	43.77	-5.74	38.03	74.00	-35.97	peak
4	1534.8169	54.30	-5.76	48.54	74.00	-25.46	peak
5	1798.3498	48.35	-3.83	44.52	74.00	-29.48	peak
6	2622.4528	48.77	-0.31	48.46	74.00	-25.54	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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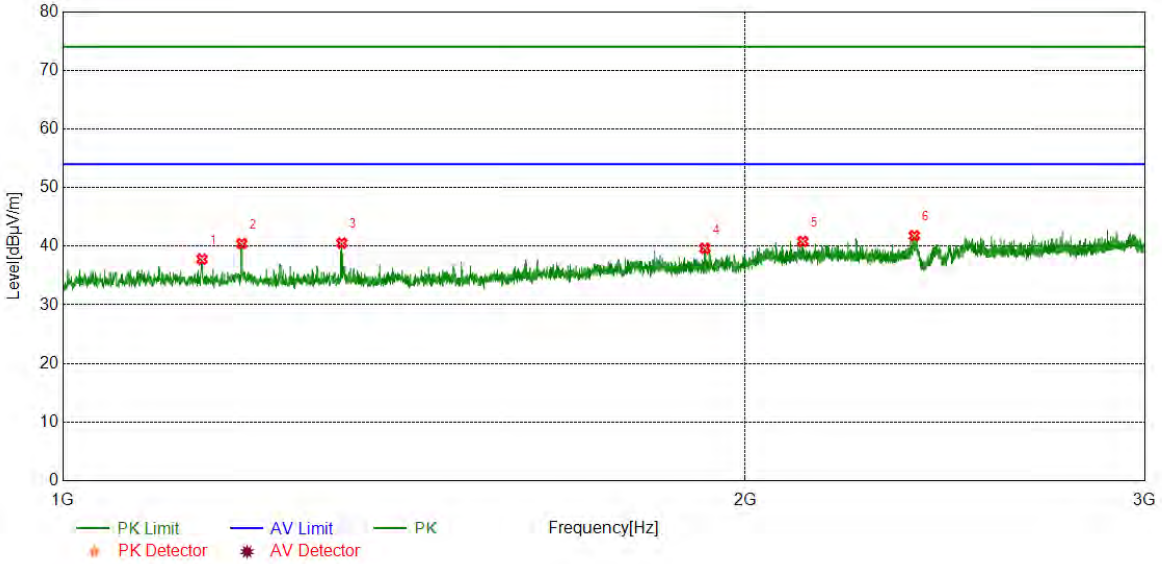
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.2749	44.52	-5.56	38.96	74.00	-35.04	peak
2	1332.2915	51.70	-5.68	46.02	74.00	-27.98	peak
3	1534.8169	58.64	-5.76	52.88	74.00	-21.12	peak
4	1798.0998	46.95	-3.83	43.12	74.00	-30.88	peak
5	2262.1578	46.51	-2.11	44.40	74.00	-29.60	peak
6	2582.4478	42.56	-0.93	41.63	74.00	-32.37	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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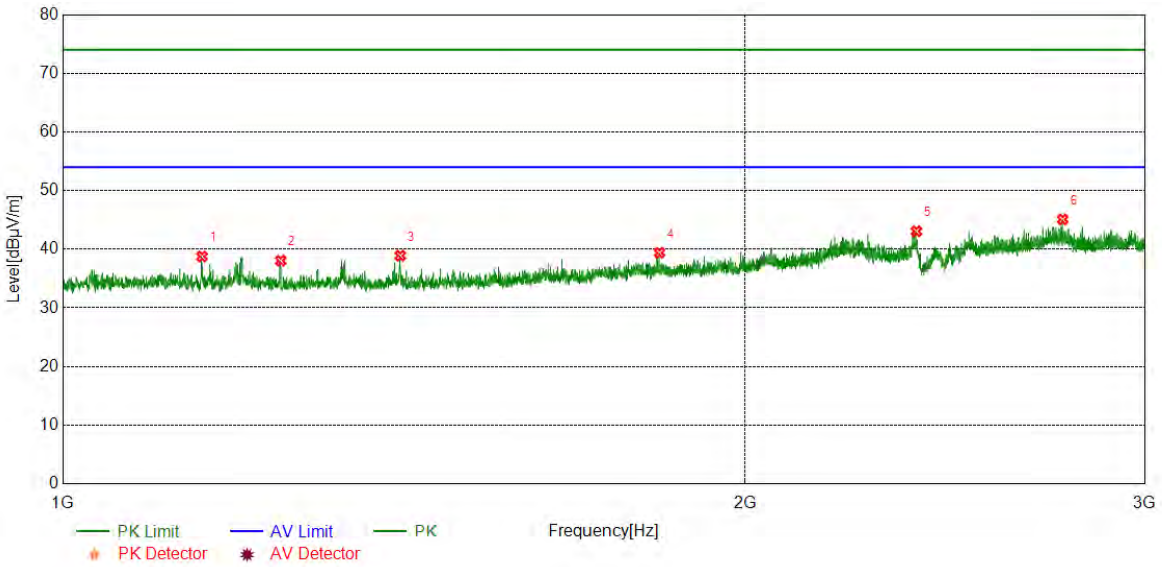
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.5243	49.05	-5.57	43.48	74.00	-30.52	peak
2	1332.2915	47.81	-5.68	42.13	74.00	-31.87	peak
3	1534.8169	54.13	-5.76	48.37	74.00	-25.63	peak
4	1797.3497	47.62	-3.82	43.80	74.00	-30.20	peak
5	2154.8944	50.37	-2.45	47.92	74.00	-26.08	peak
6	2502.9379	51.78	-0.43	51.35	74.00	-22.65	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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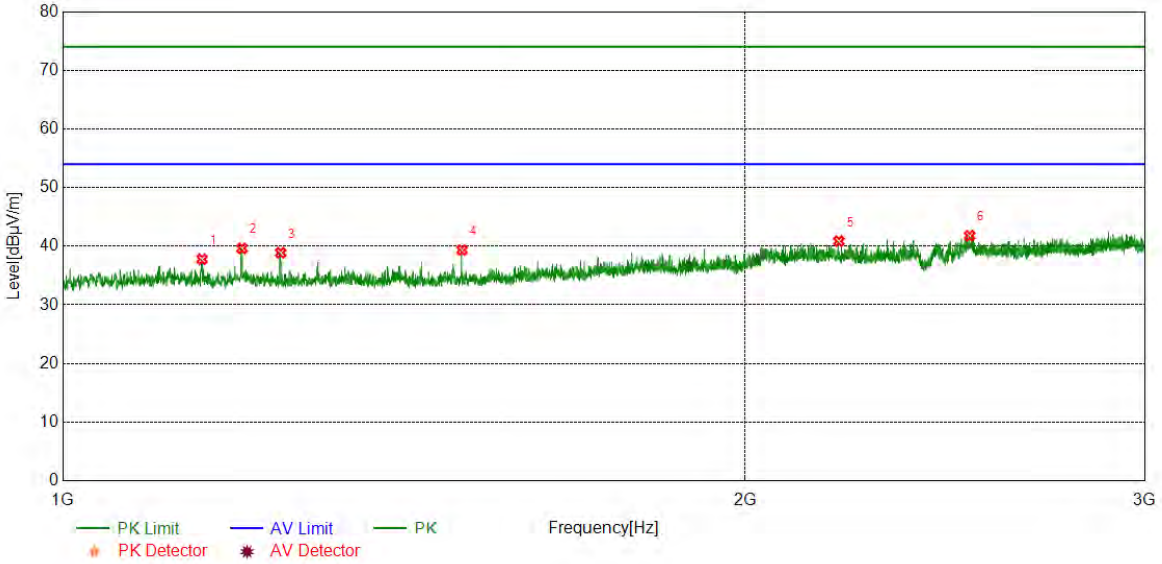
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	46.33	-5.56	40.77	74.00	-33.23	peak
2	1332.5416	51.57	-5.67	45.90	74.00	-28.10	peak
3	1534.8169	58.96	-5.76	53.20	74.00	-20.80	peak
4	1798.5998	47.33	-3.83	43.50	74.00	-30.50	peak
5	2197.3997	43.53	-2.33	41.20	74.00	-32.80	peak
6	2592.4491	42.70	-0.76	41.94	74.00	-32.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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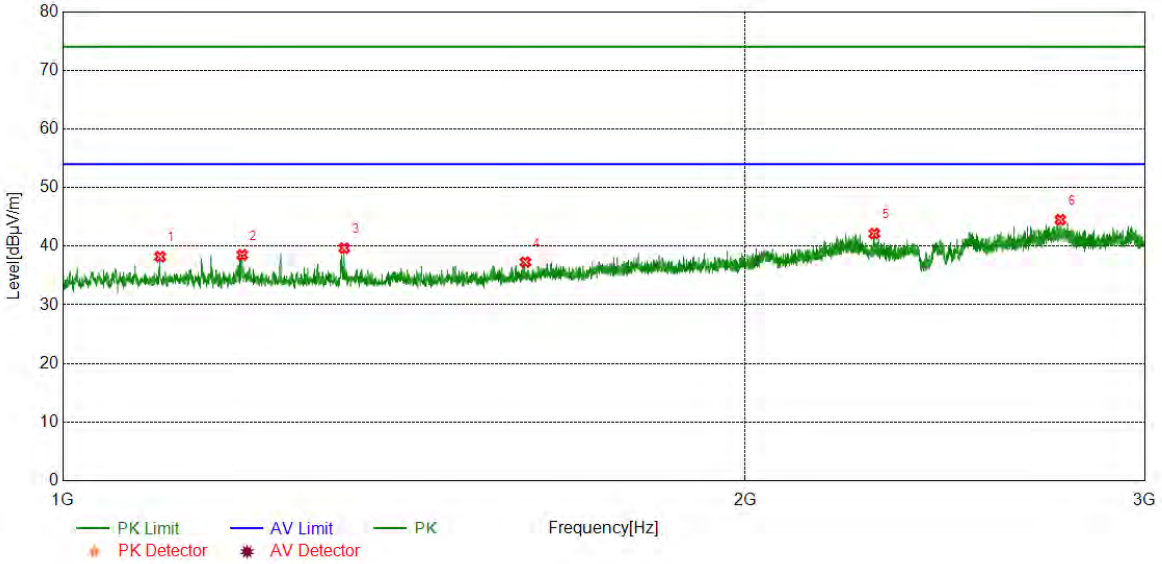
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.7743	50.20	-5.57	44.63	74.00	-29.37	peak
2	1332.2915	47.75	-5.68	42.07	74.00	-31.93	peak
3	1534.5668	54.49	-5.76	48.73	74.00	-25.27	peak
4	1792.5991	48.10	-3.76	44.34	74.00	-29.66	peak
5	2136.1420	50.39	-2.36	48.03	74.00	-25.97	peak
6	2596.9496	50.22	-0.74	49.48	74.00	-24.52	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses
. The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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