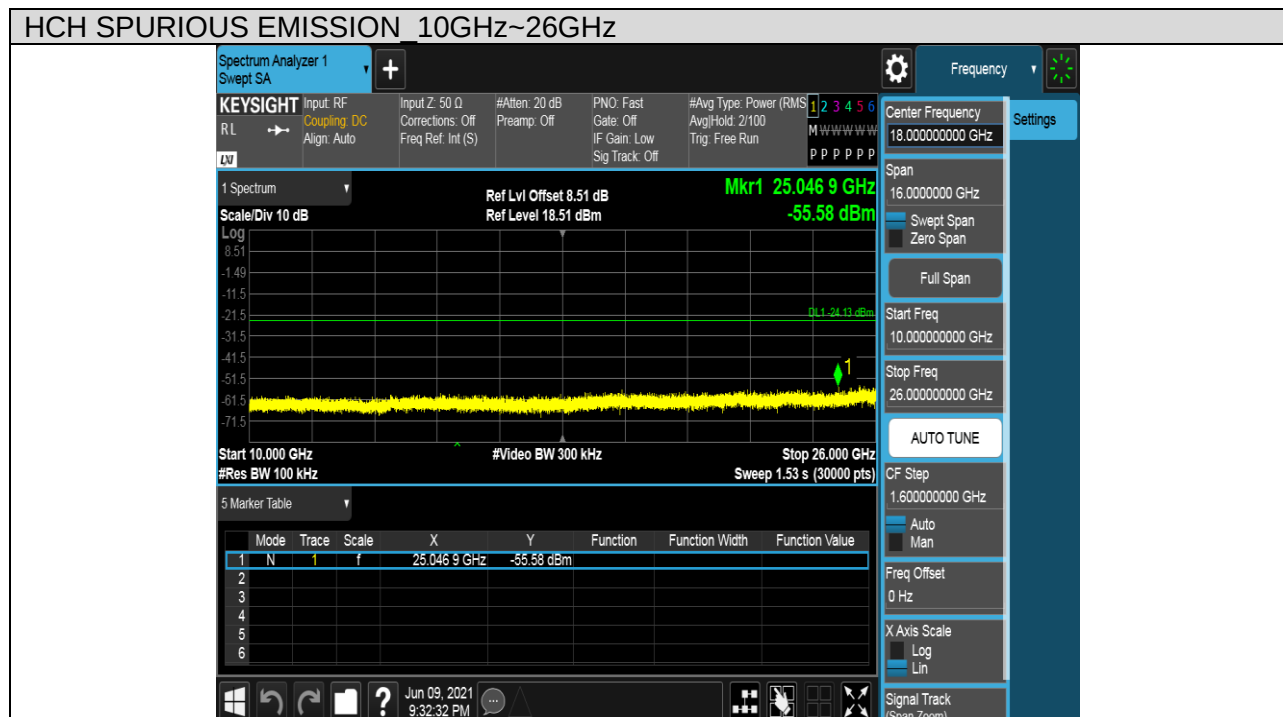
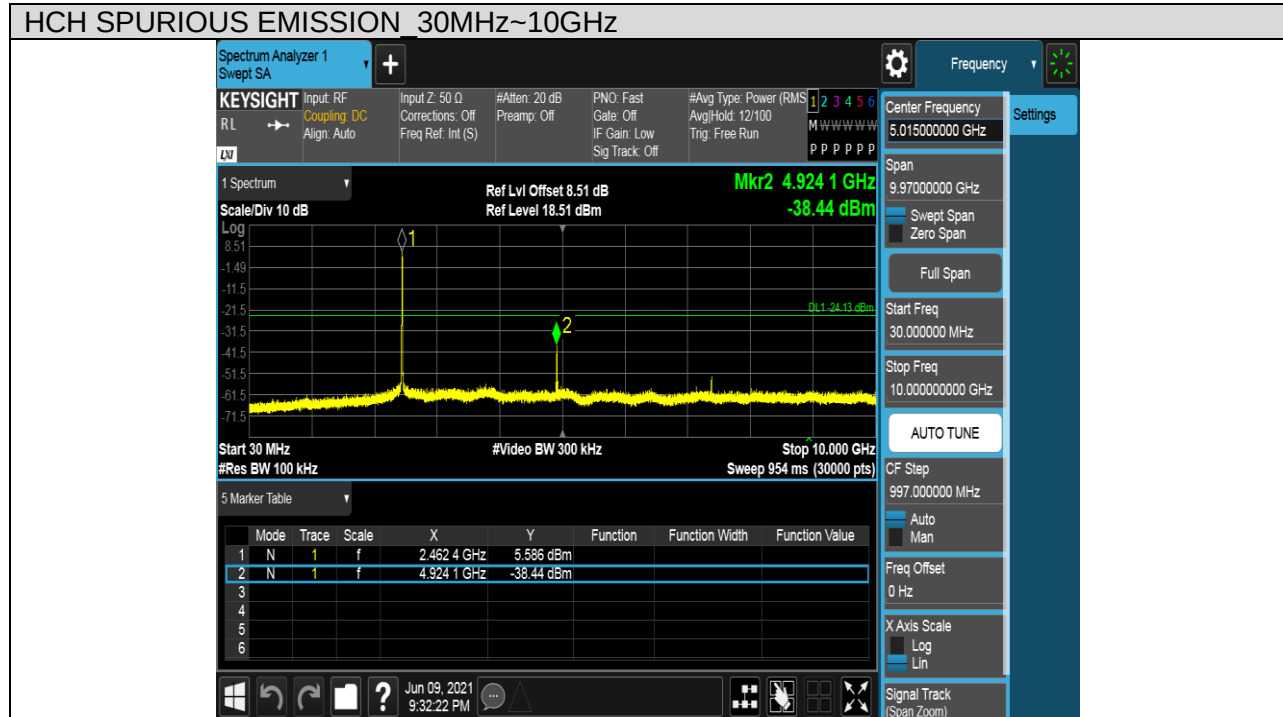




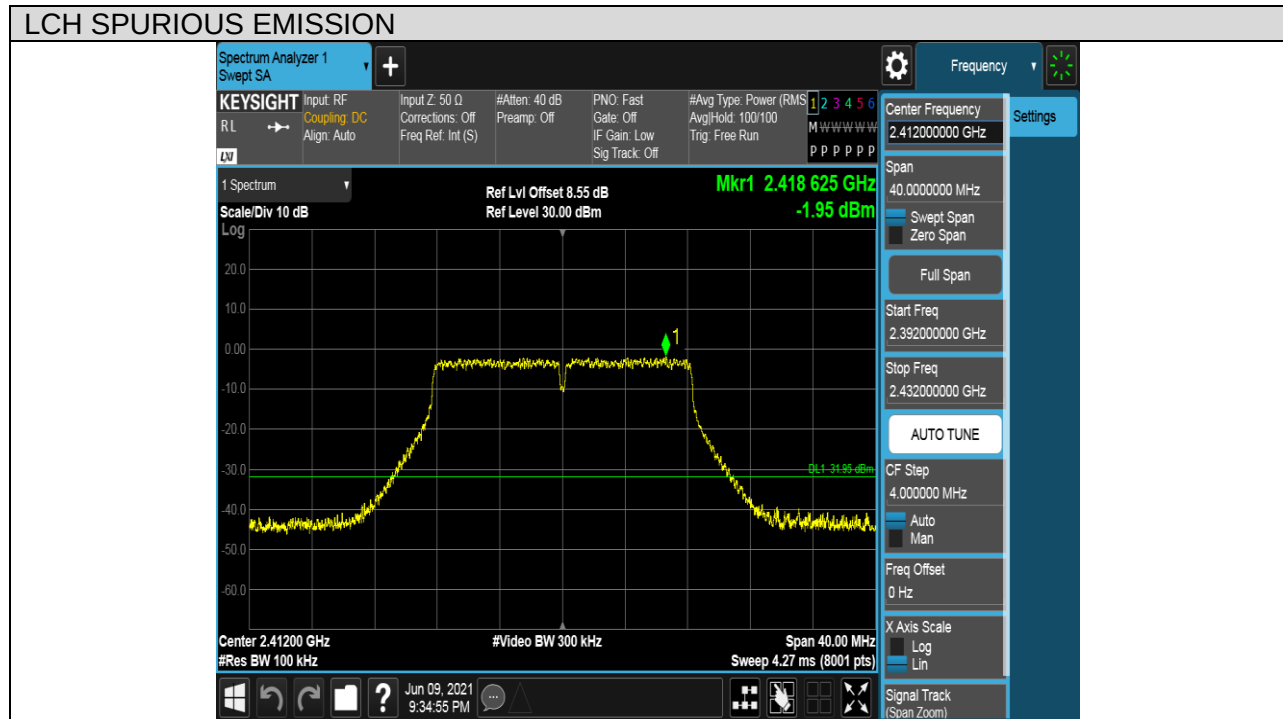
Puw test Plot





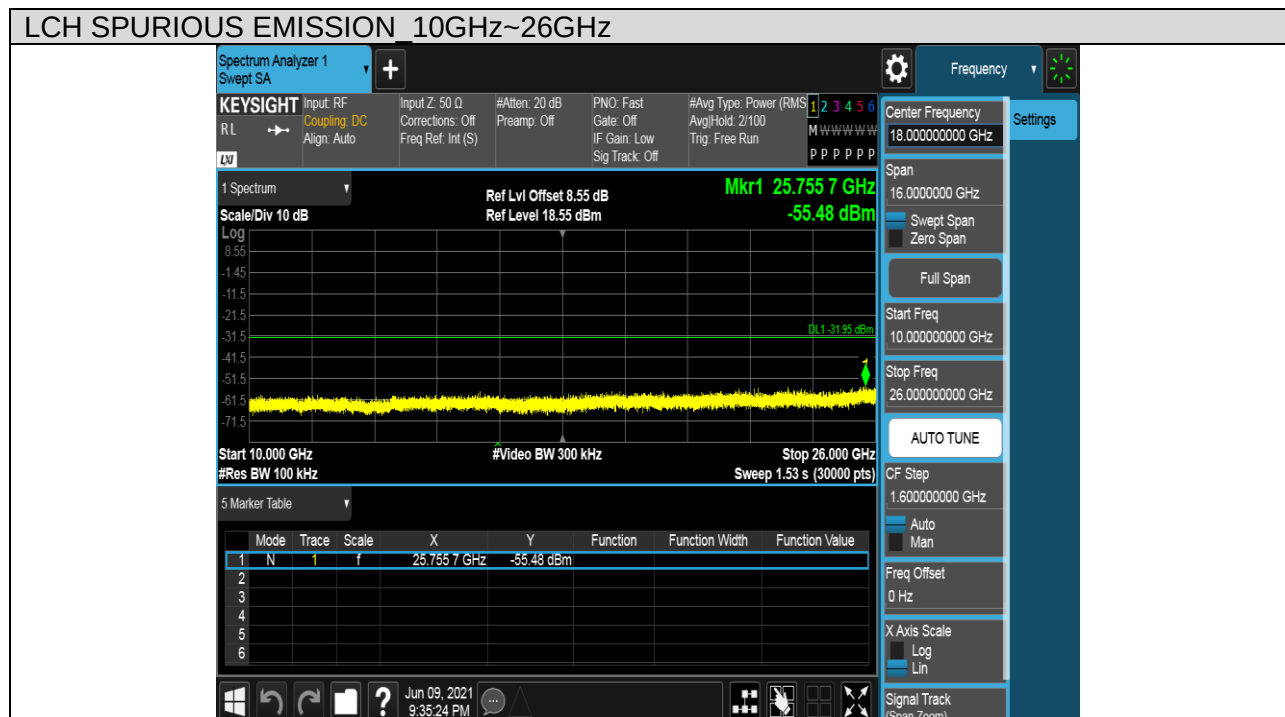
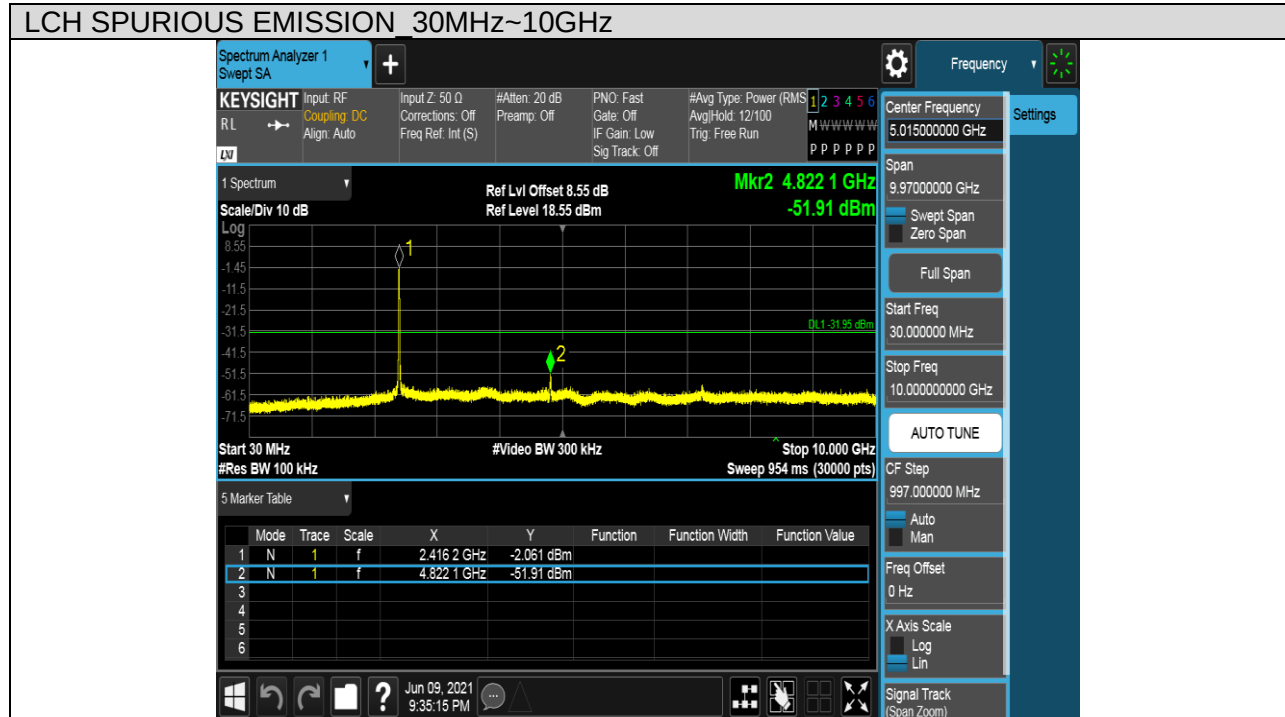
Test Mode	Channel	Verdict
11G	LCH	PASS

Pref test Plot





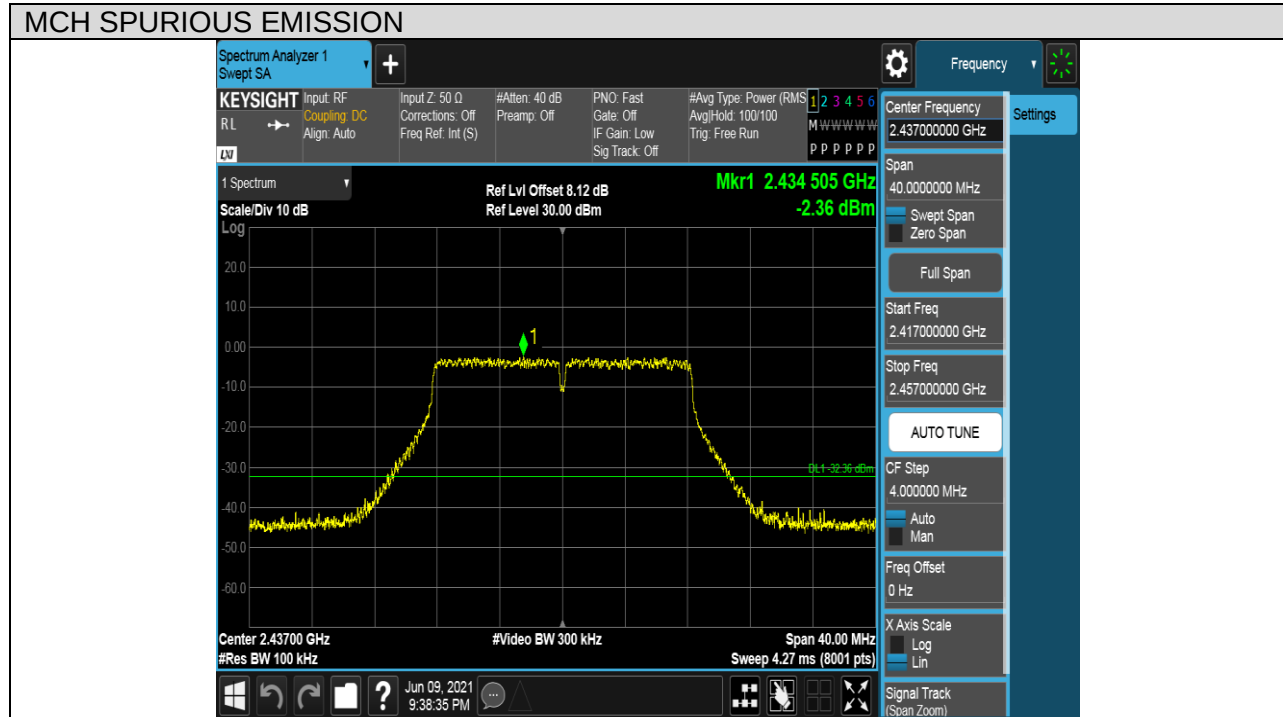
Puw test Plot





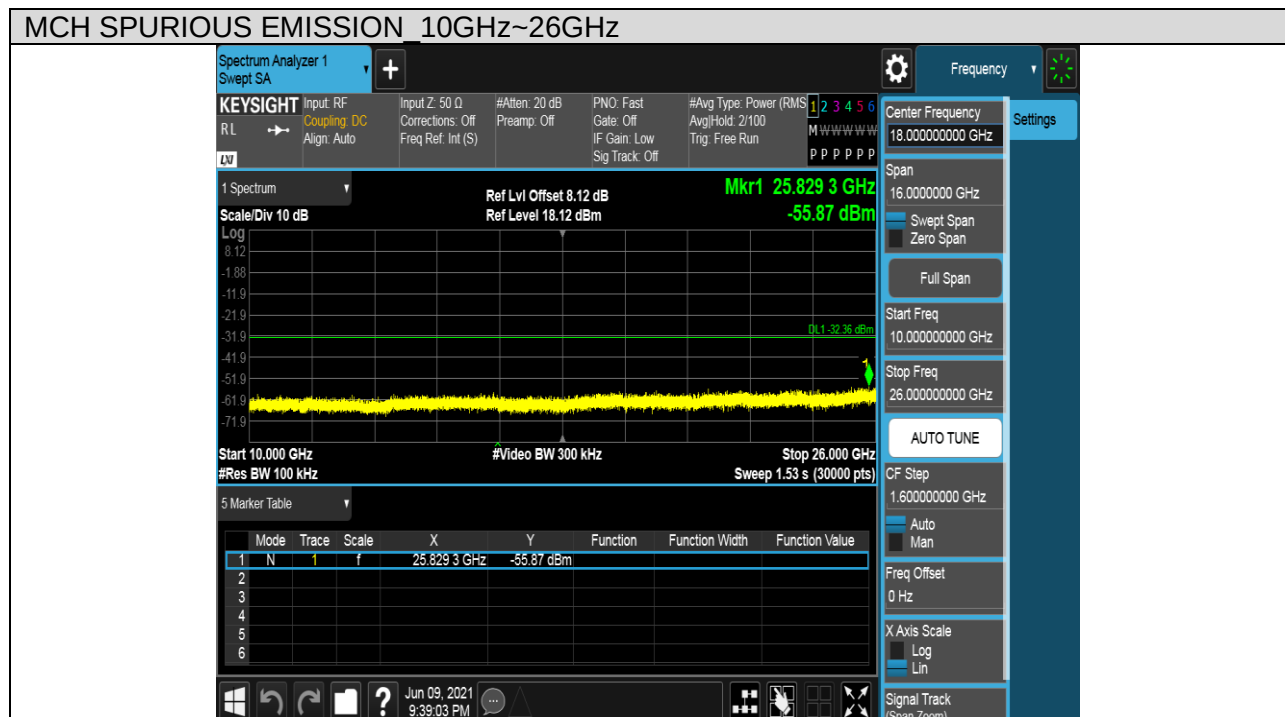
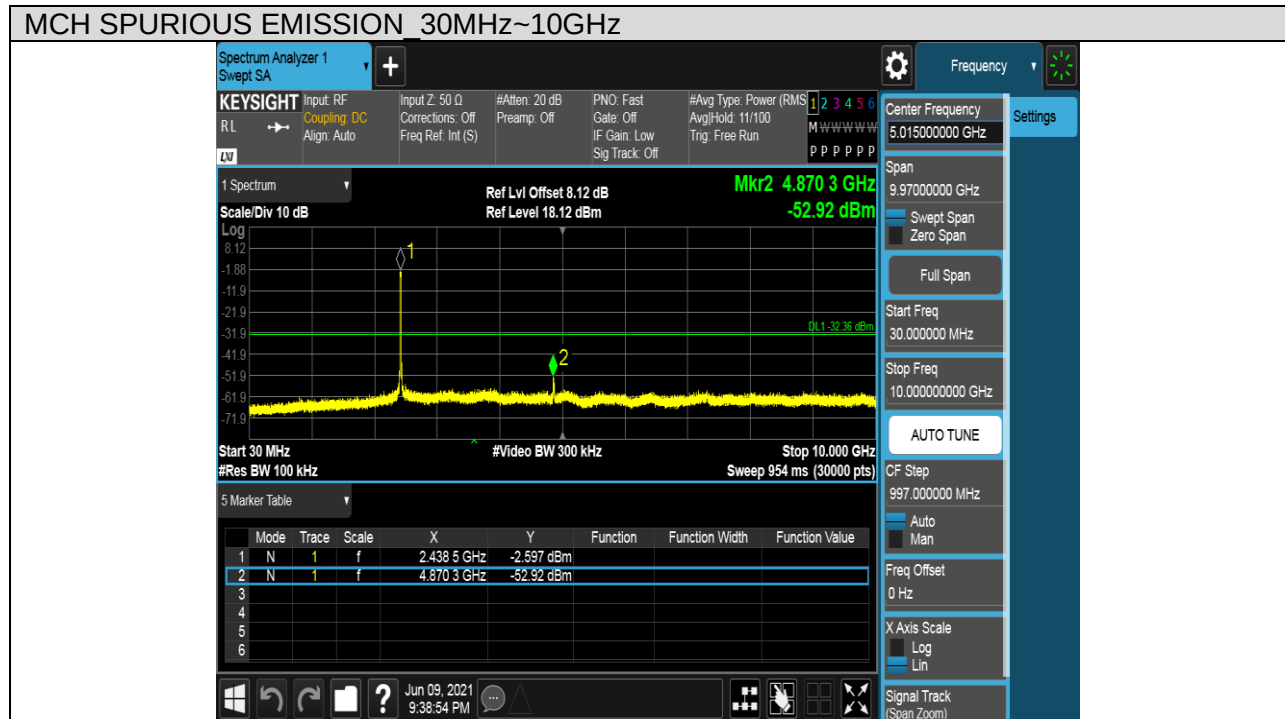
Test Mode	Channel	Verdict
11G	MCH	PASS

Pref test Plot





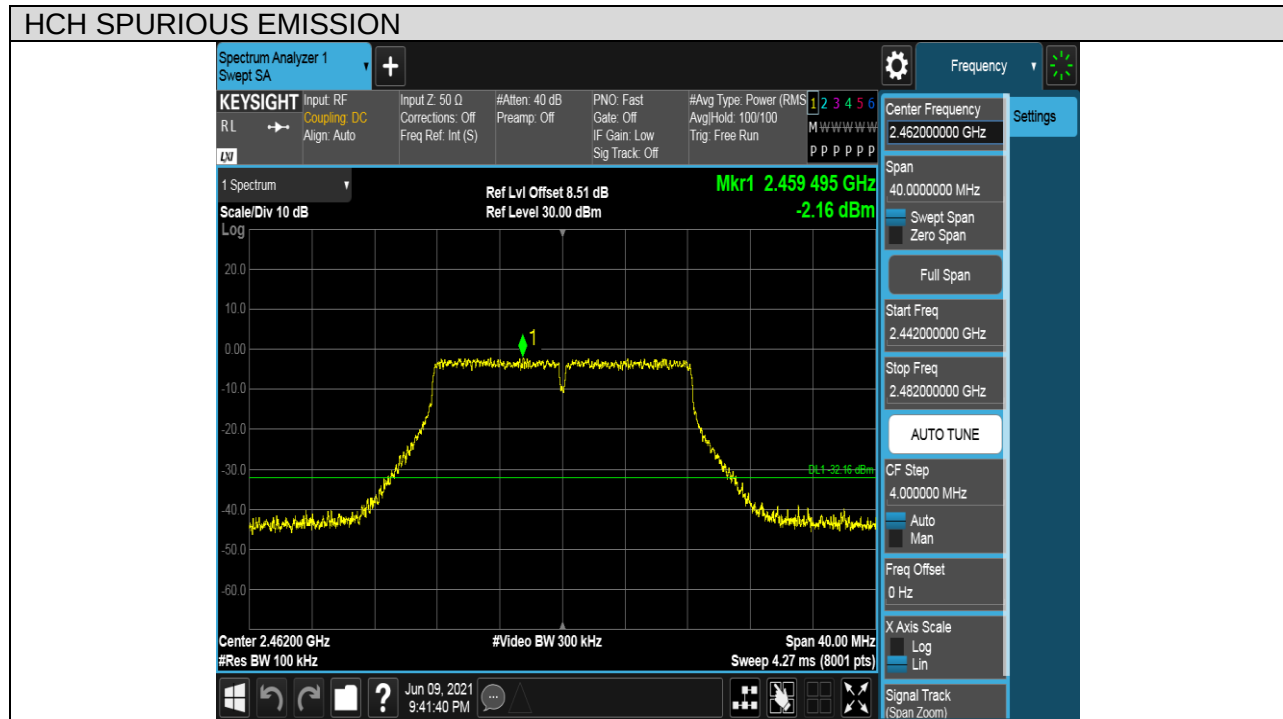
Puw test Plot





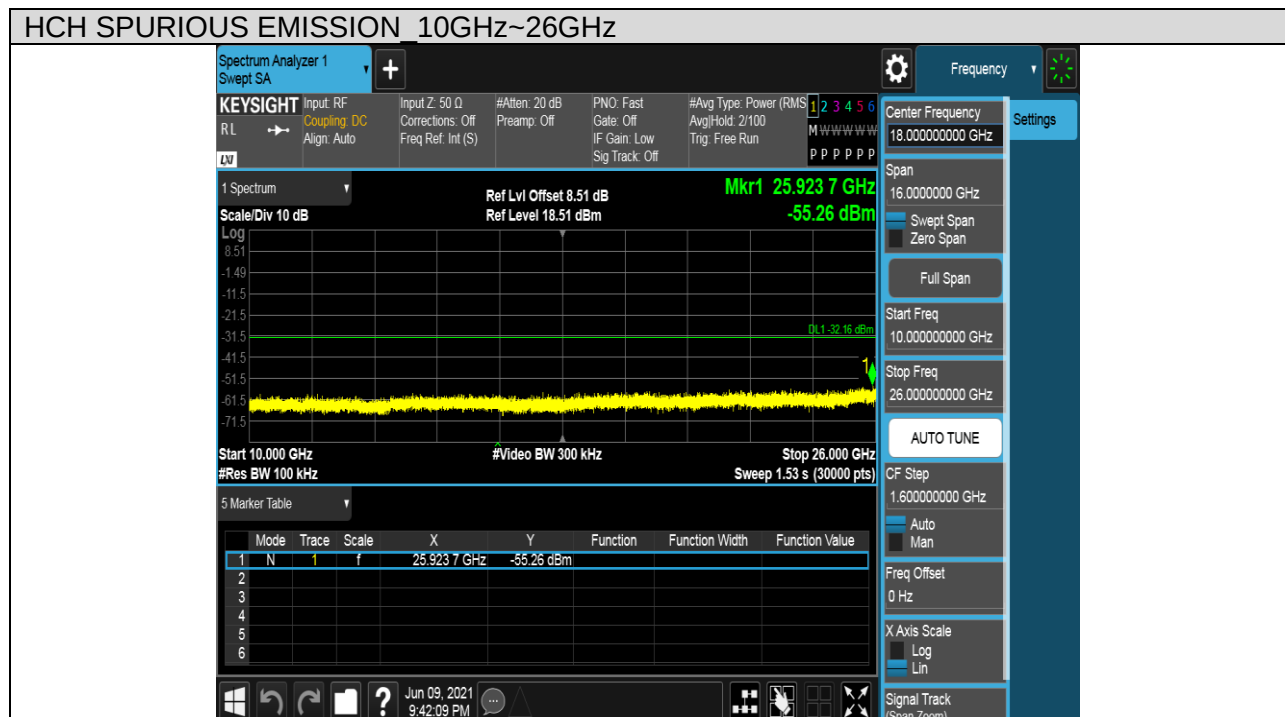
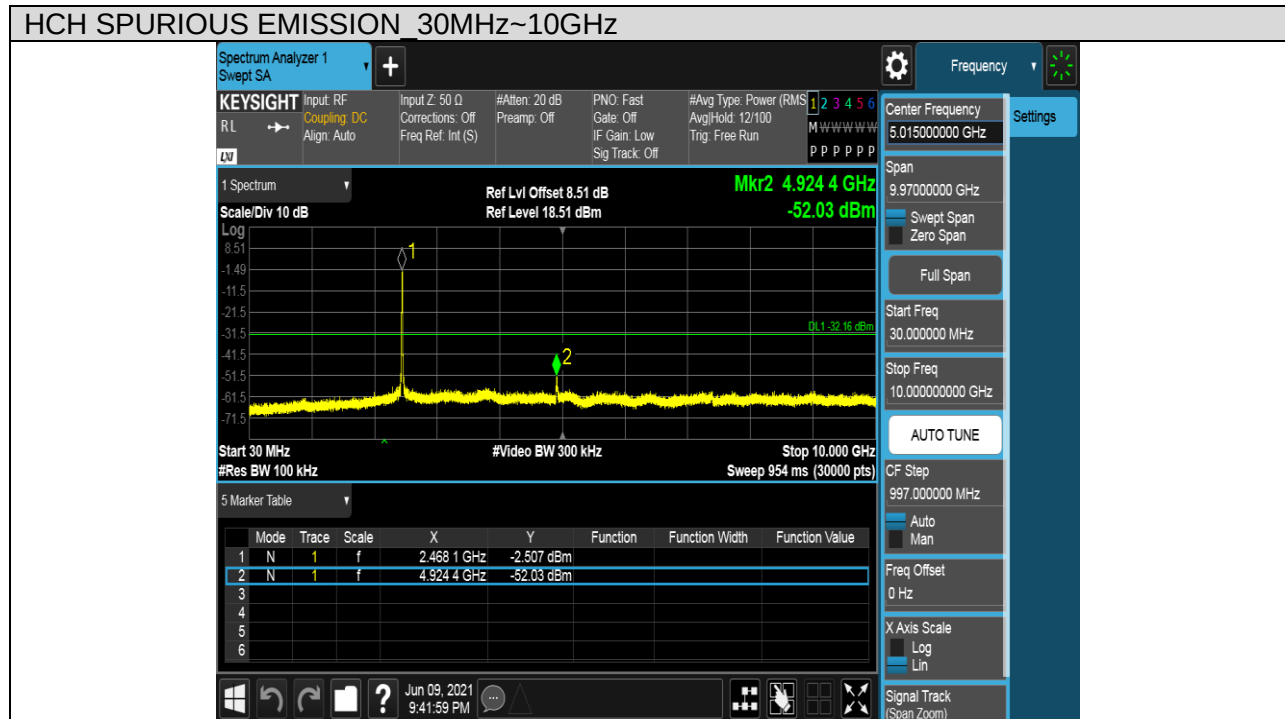
Test Mode	Channel	Verdict
11G	HCH	PASS

Pref test Plot





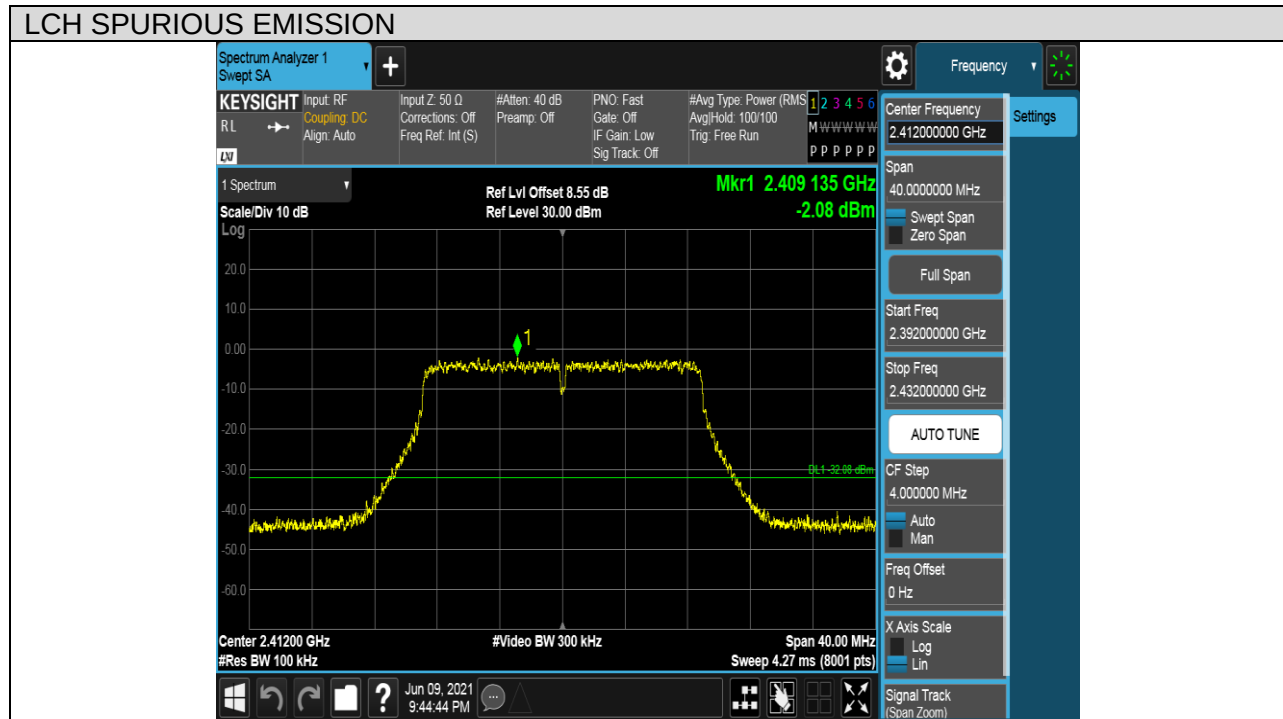
Puw test Plot





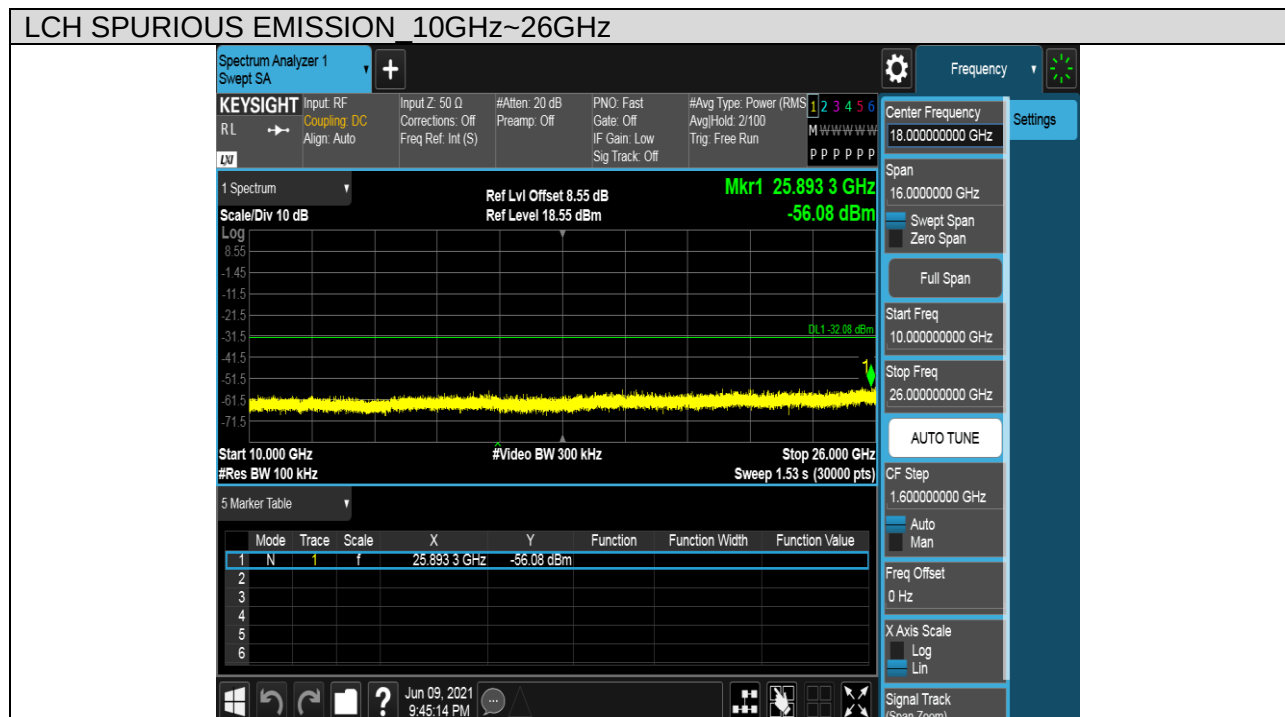
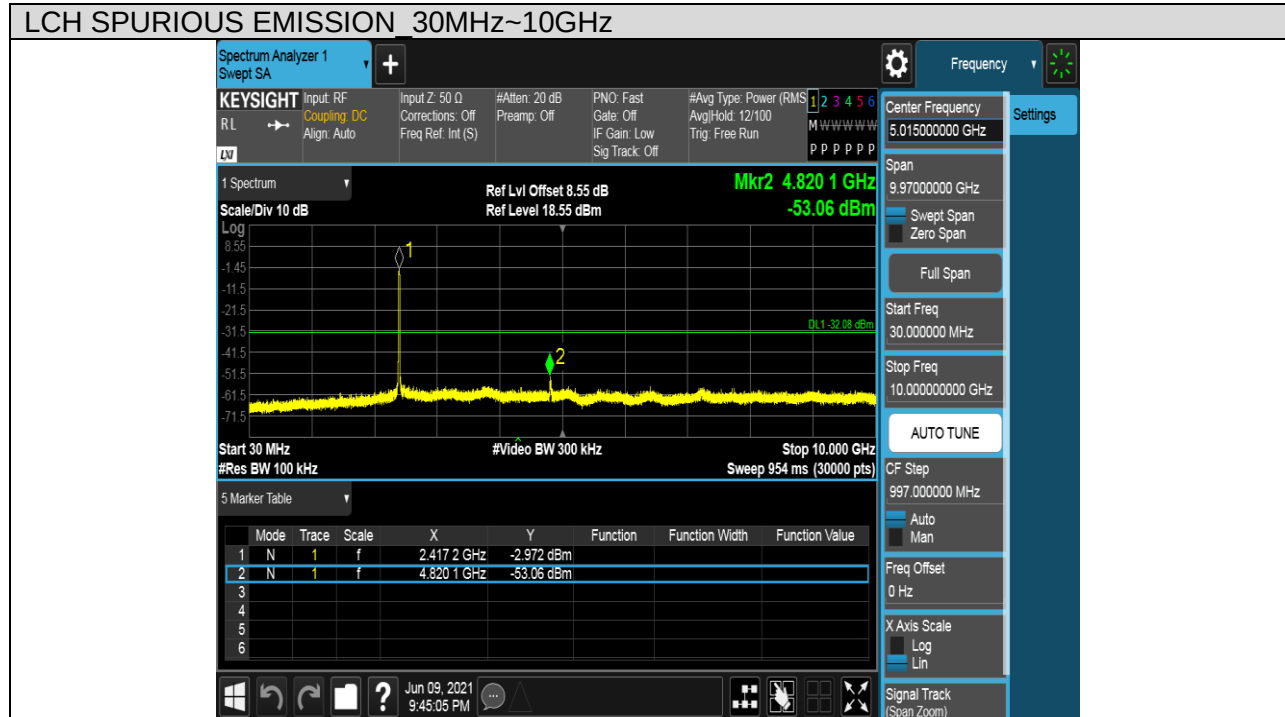
Test Mode	Channel	Verdict
11N HT20	LCH	PASS

Pref test Plot





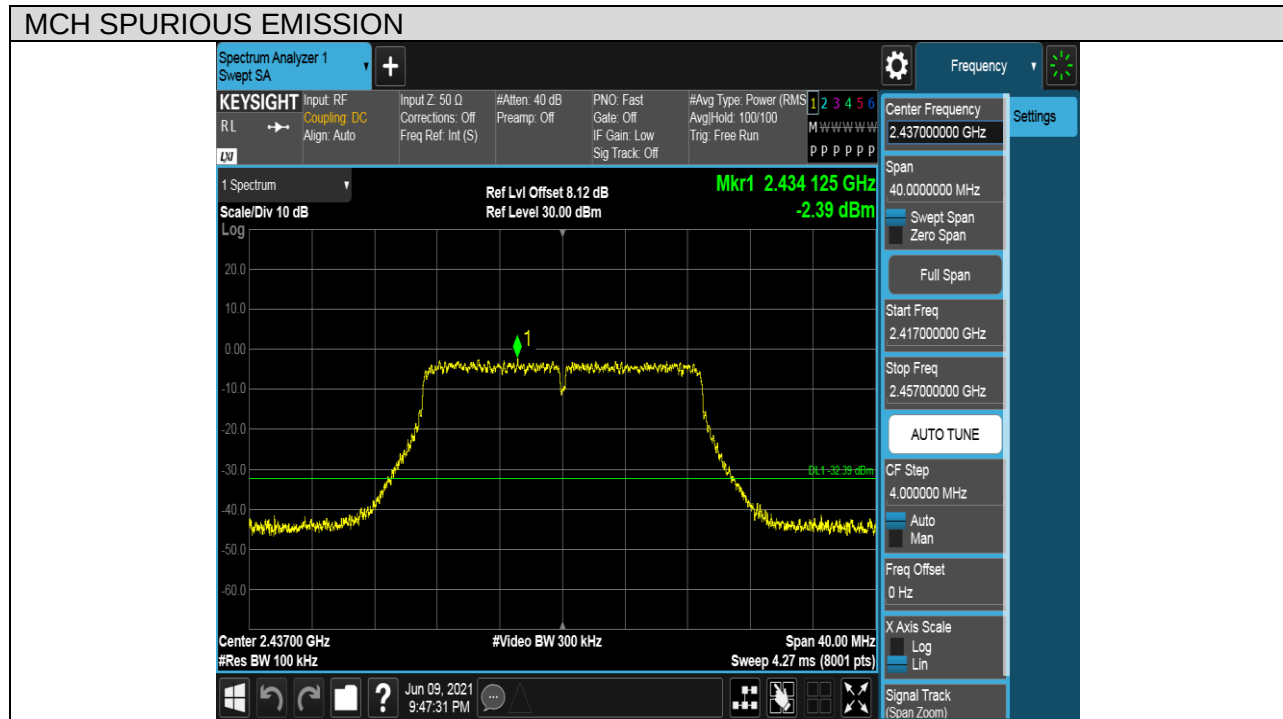
Puw test Plot





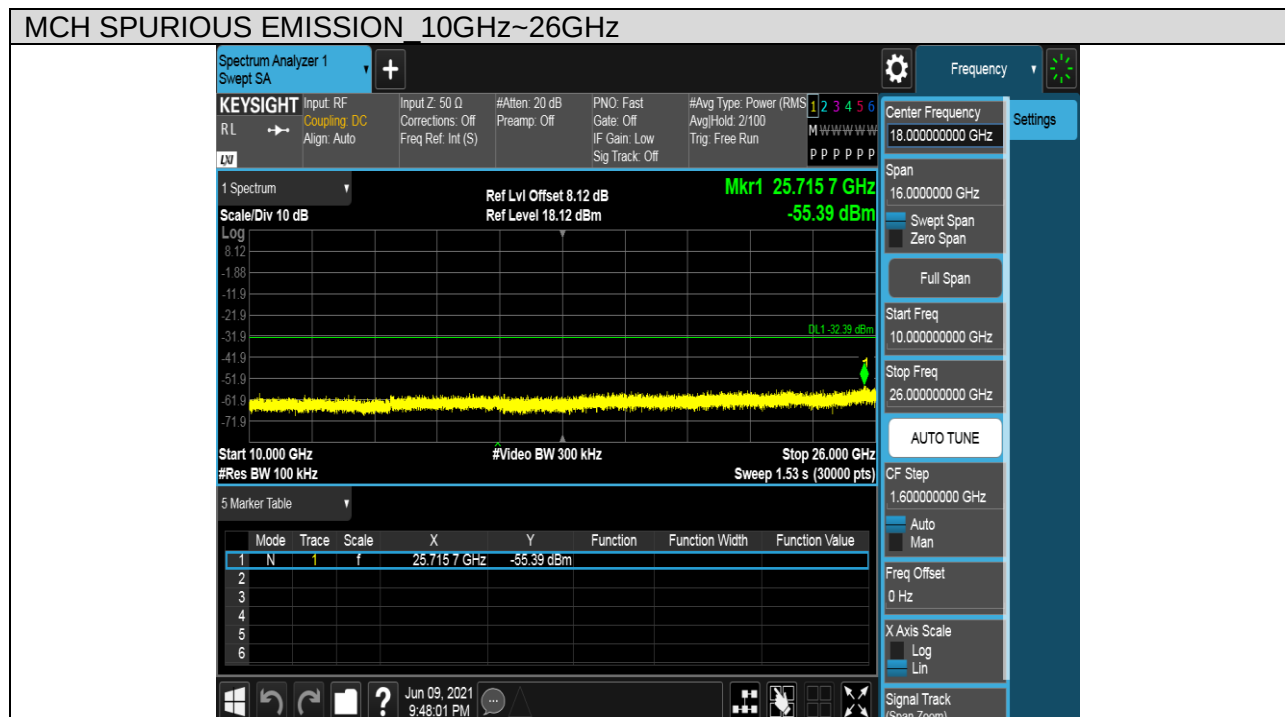
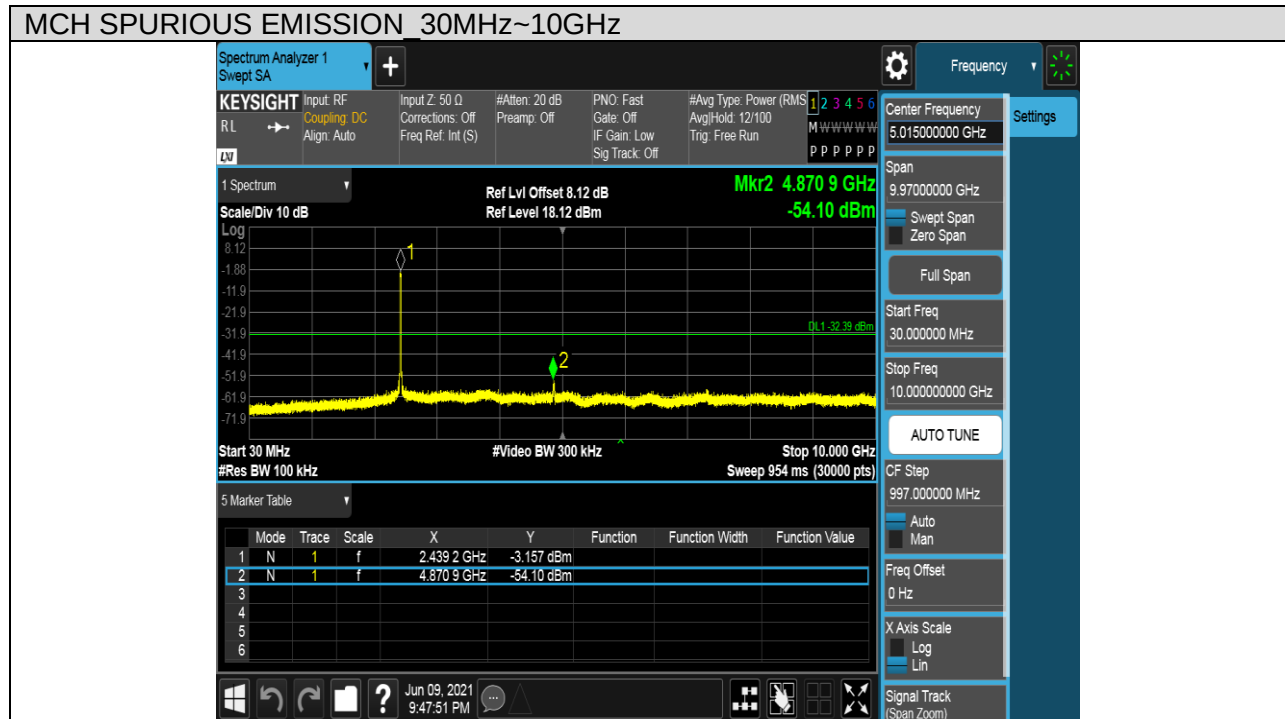
Test Mode	Channel	Verdict
11N HT20	MCH	PASS

Pref test Plot





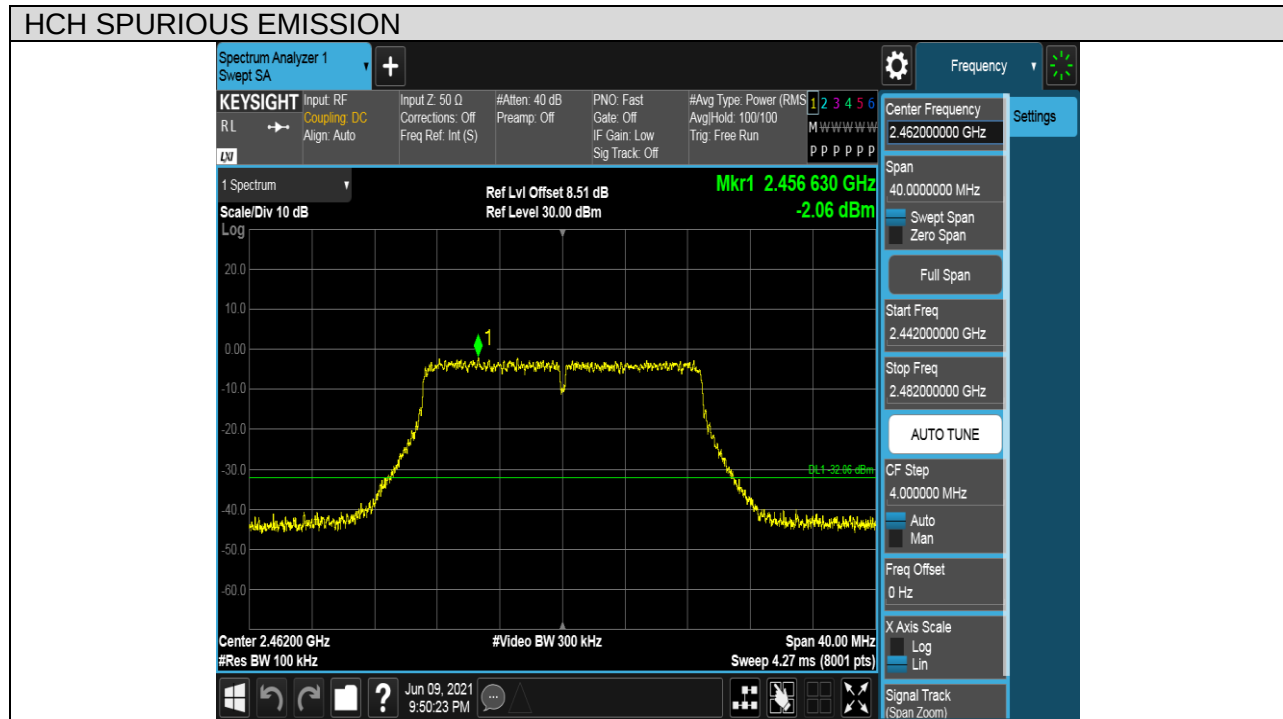
Puw test Plot





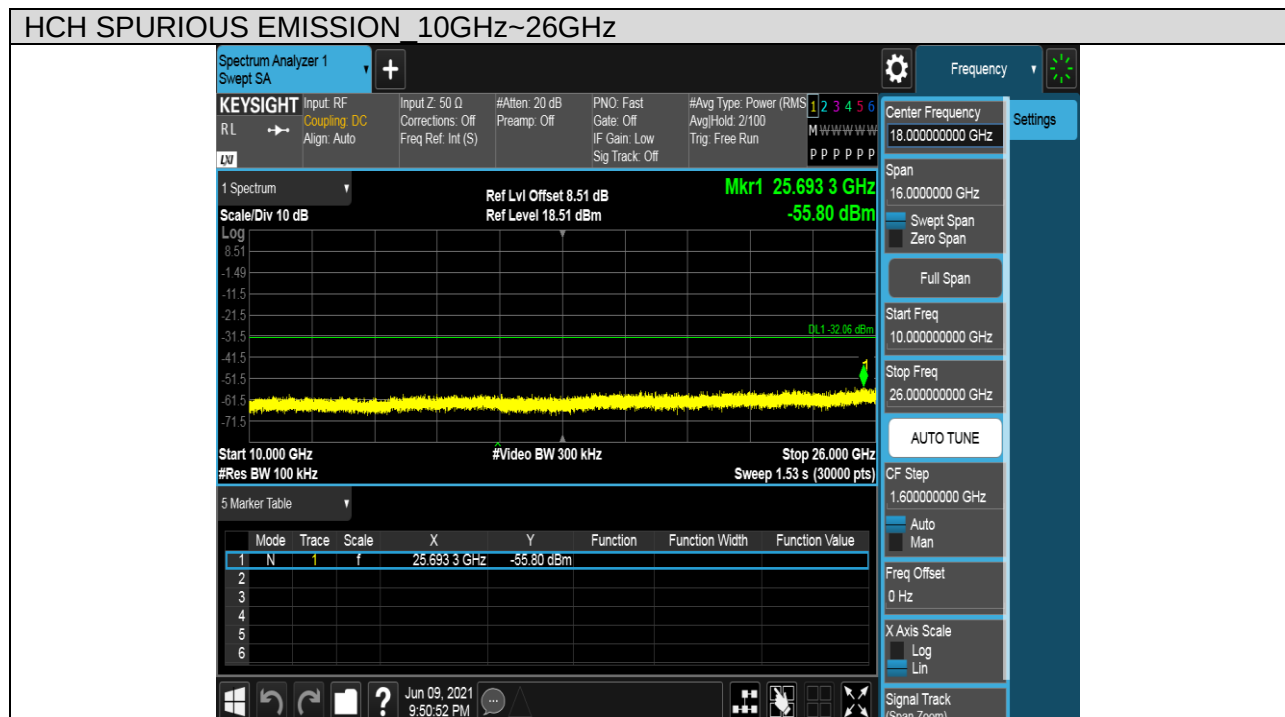
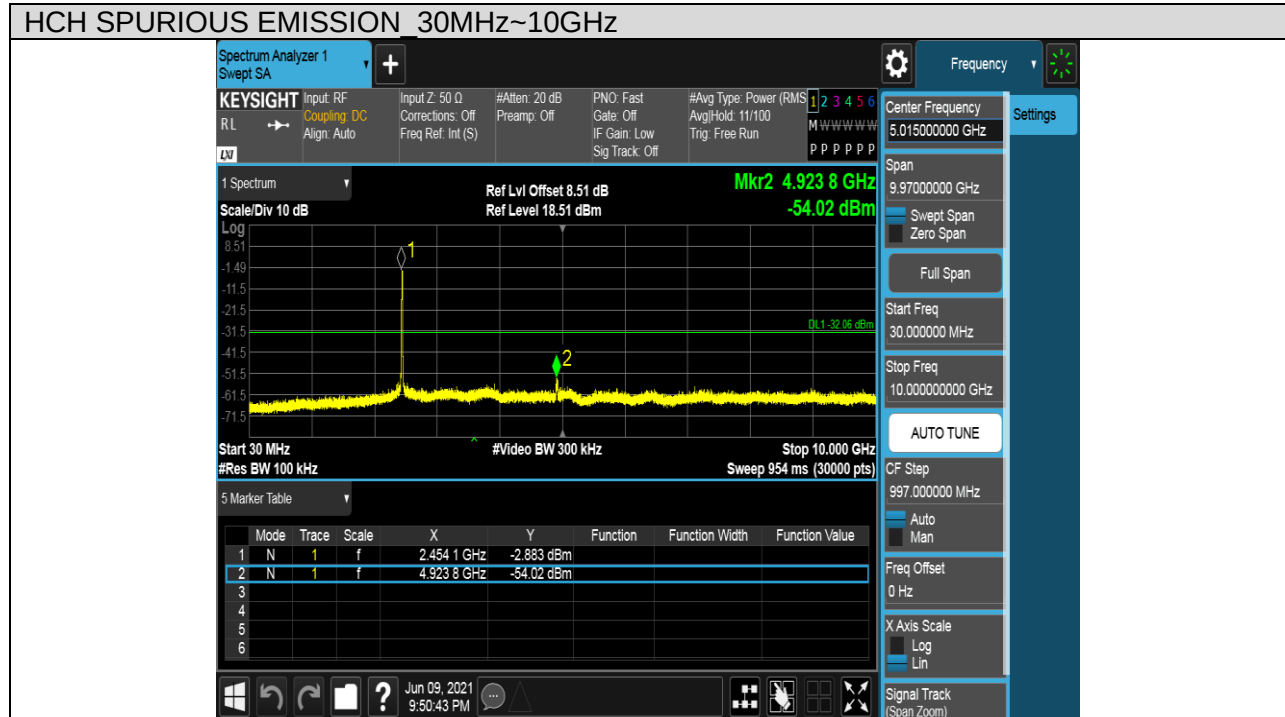
Test Mode	Channel	Verdict
11N HT20	HCH	PASS

Pref test Plot





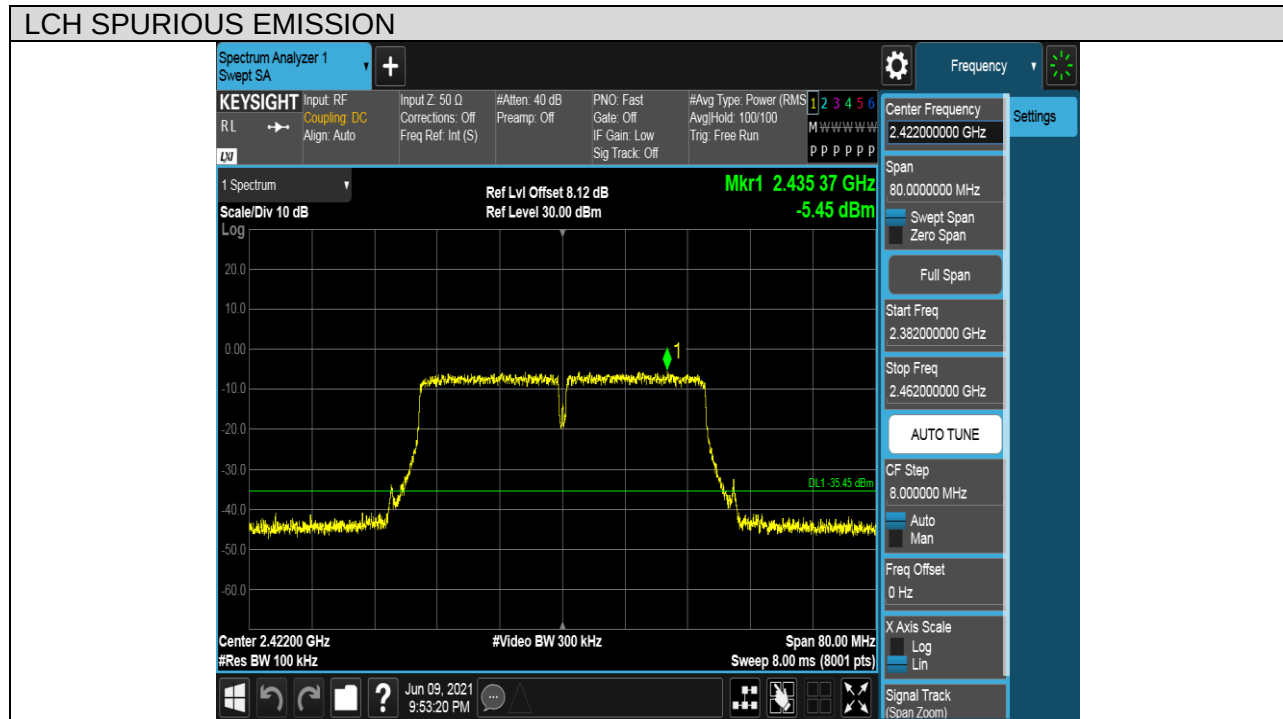
Puw test Plot





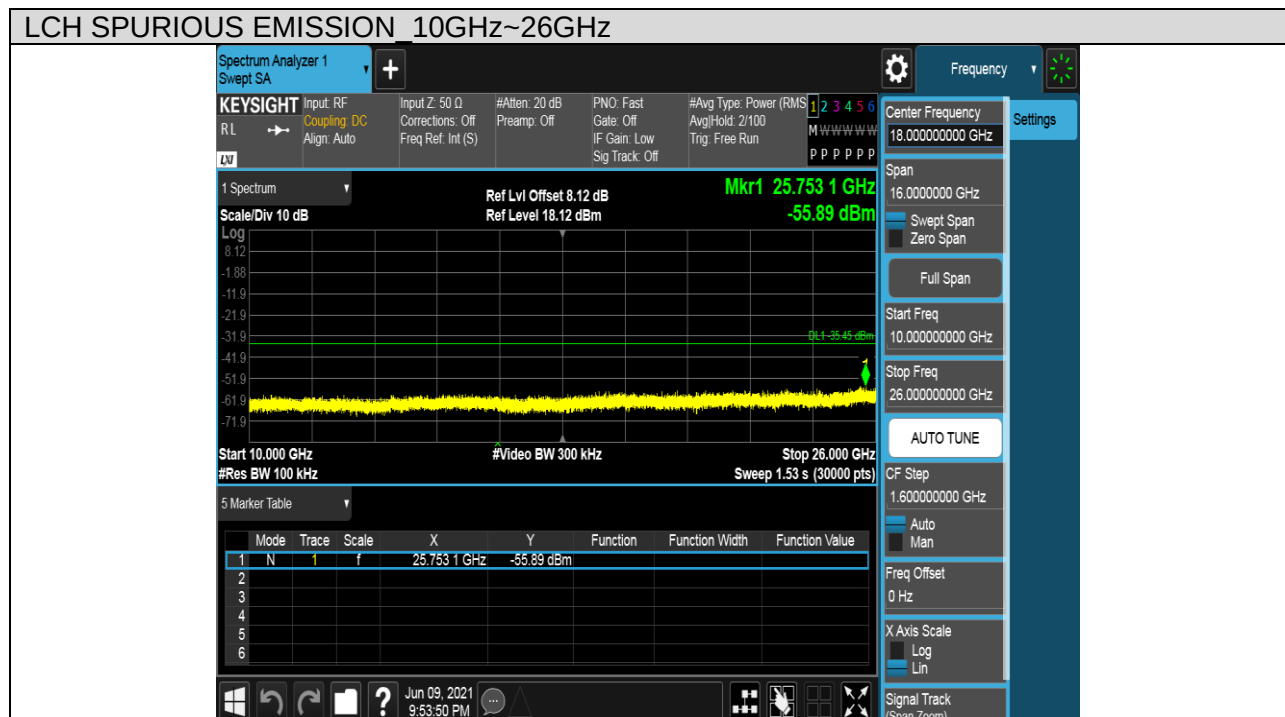
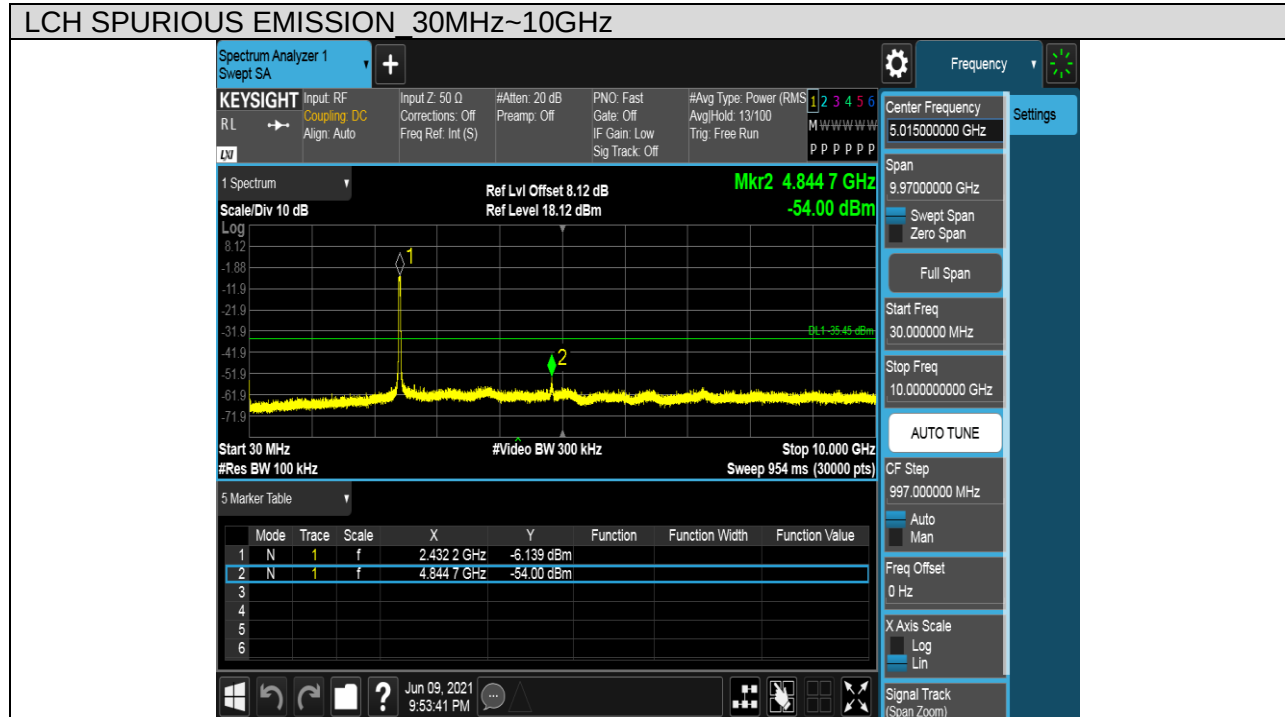
Test Mode	Channel	Verdict
11N HT40	LCH	PASS

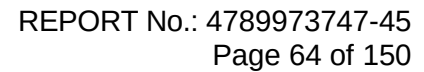
Pref test Plot





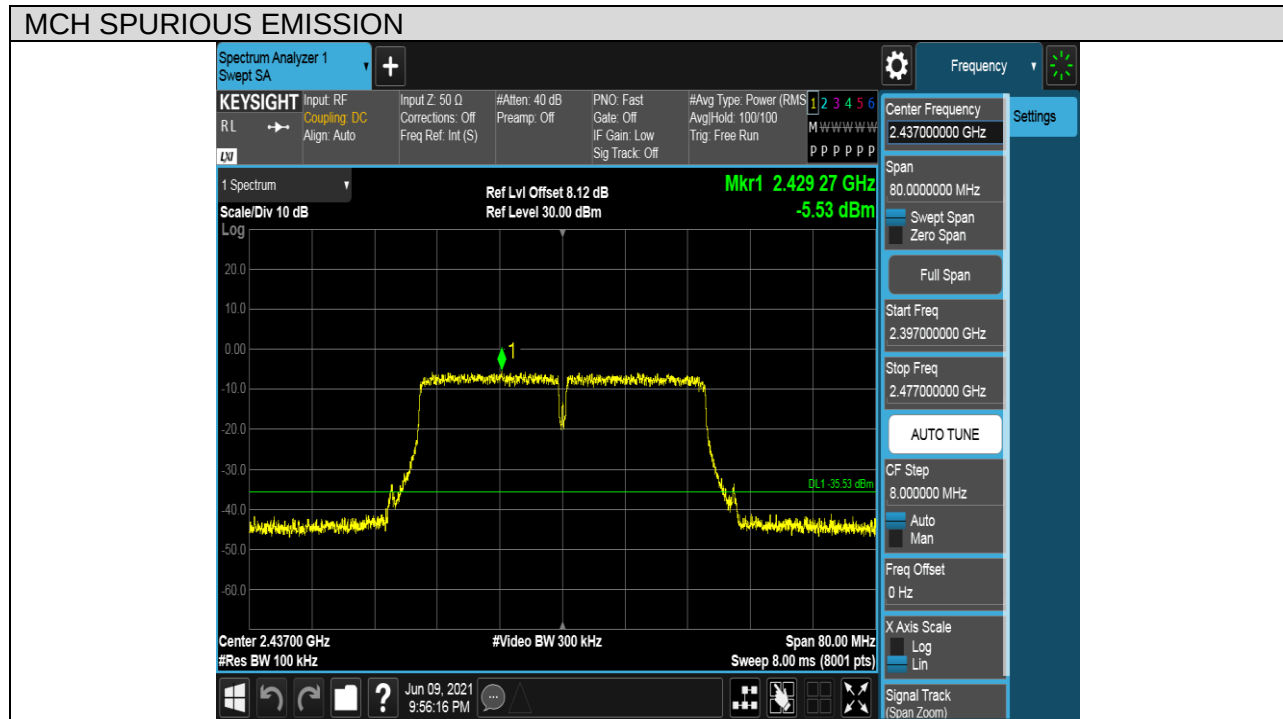
Puw test Plot





Test Mode	Channel	Verdict
11N HT40	MCH	PASS

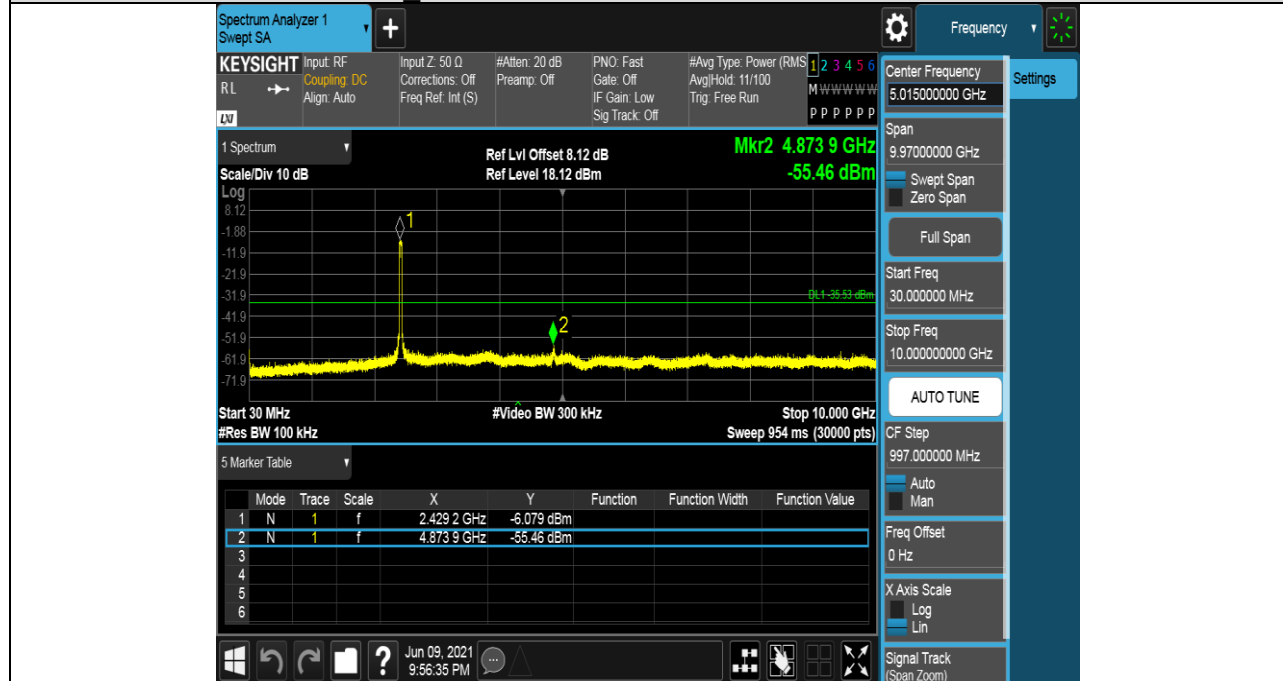
Pref test Plot



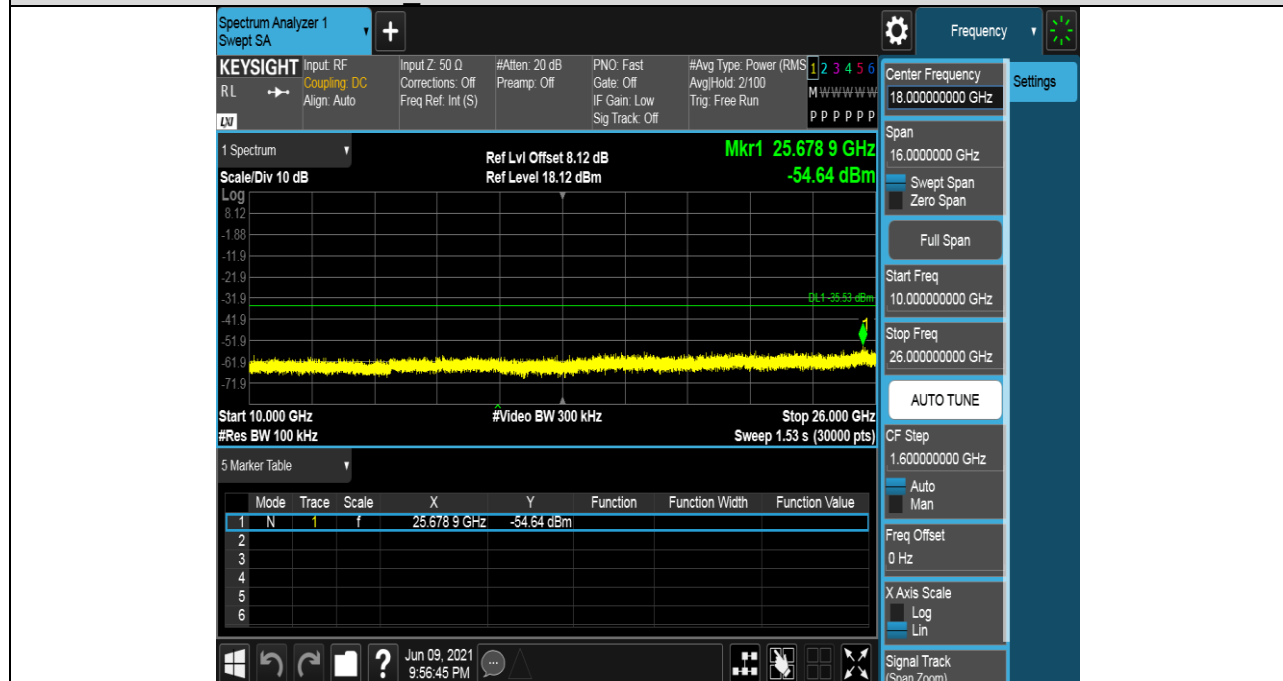


Puw test Plot

MCH SPURIOUS EMISSION 30MHz~10GHz



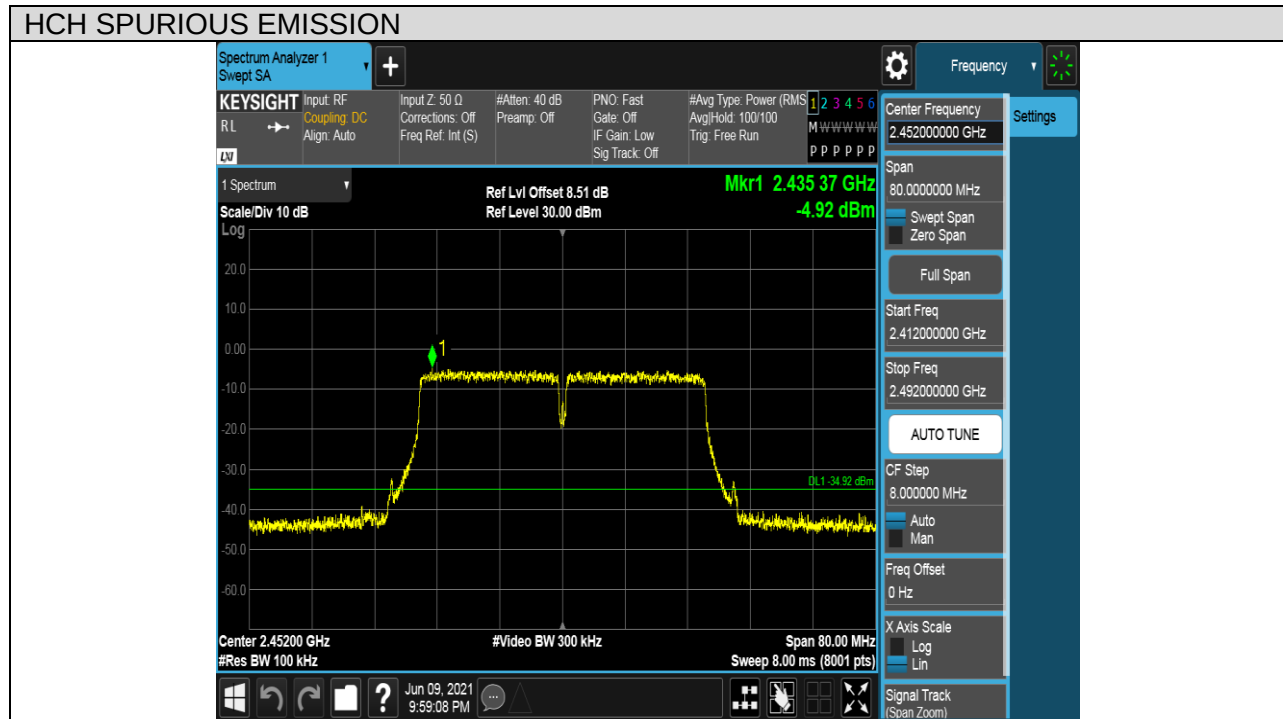
MCH SPURIOUS EMISSION 10GHz~26GHz





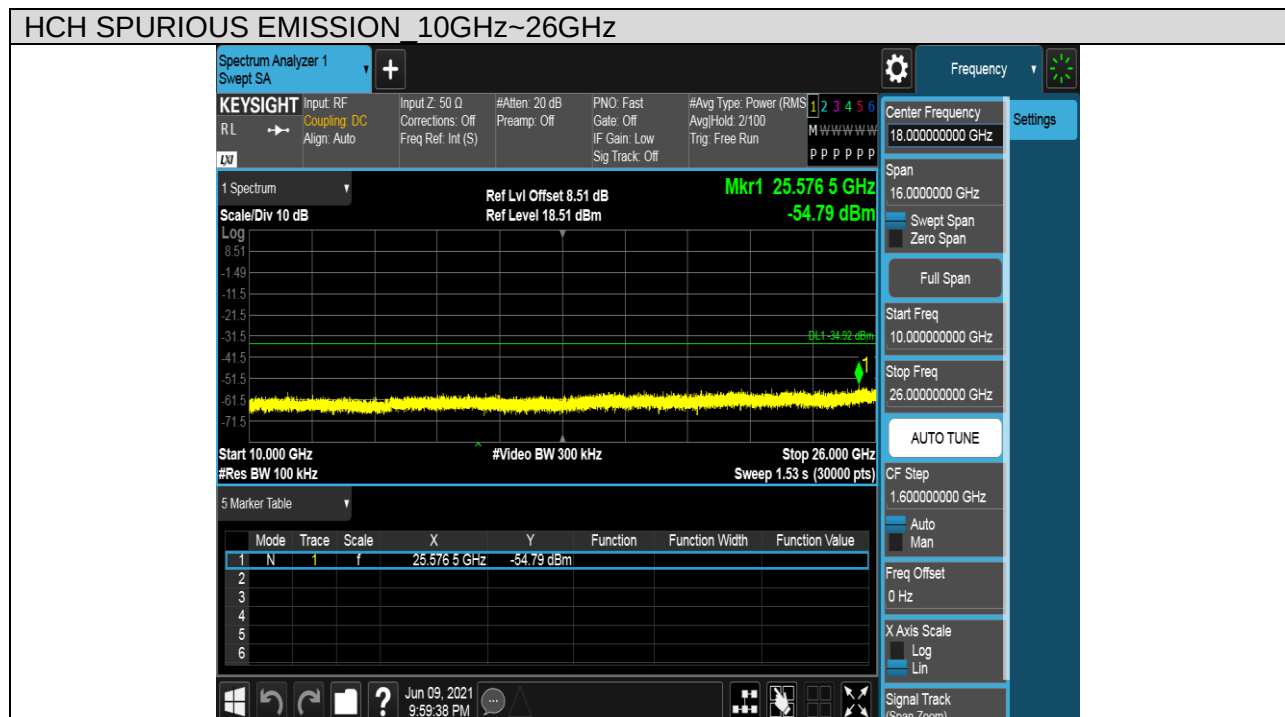
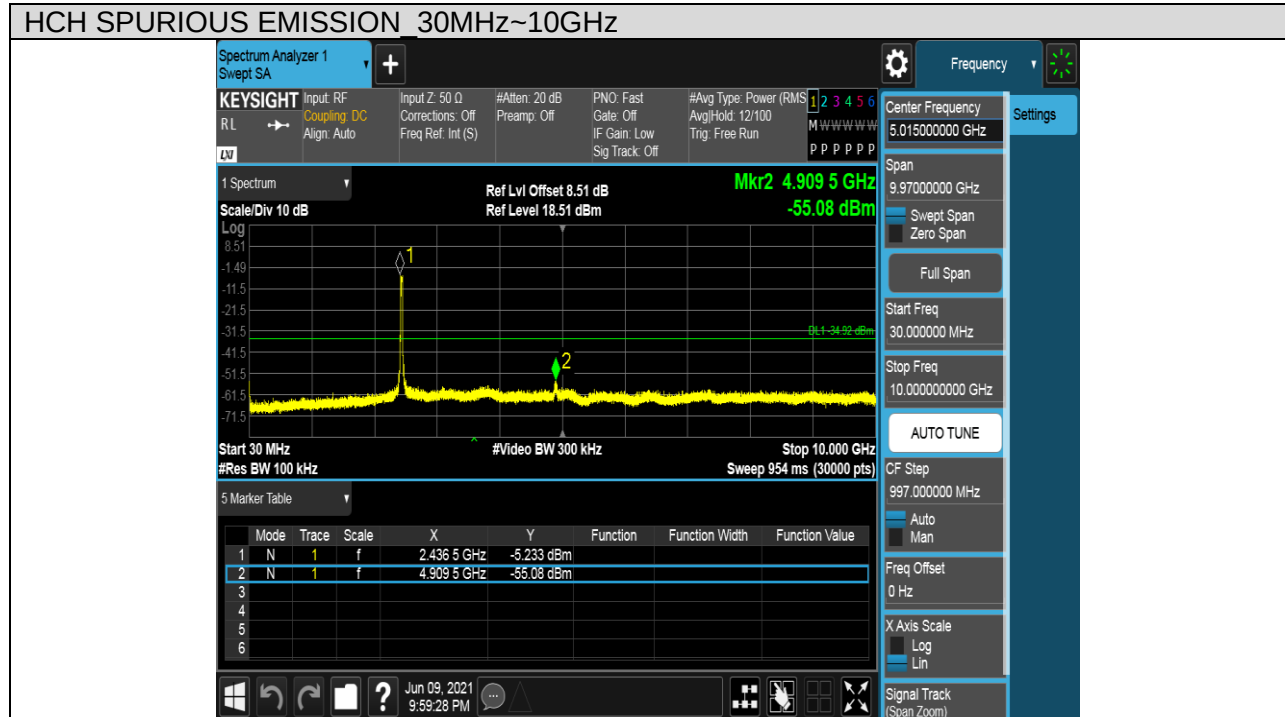
Test Mode	Channel	Verdict
11N HT40	HCH	PASS

Pref test Plot





Puw test Plot





7.6. RADIATED TEST RESULTS

7.6.1. LIMITS AND PROCEDURE

LIMITS

Please refer to FCC §15.205 and §15.209

Please refer to FCC KDB 558074

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

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

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

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



Radiation Disturbance Test Limit for FCC (Above 1G)

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

Restricted bands of operation

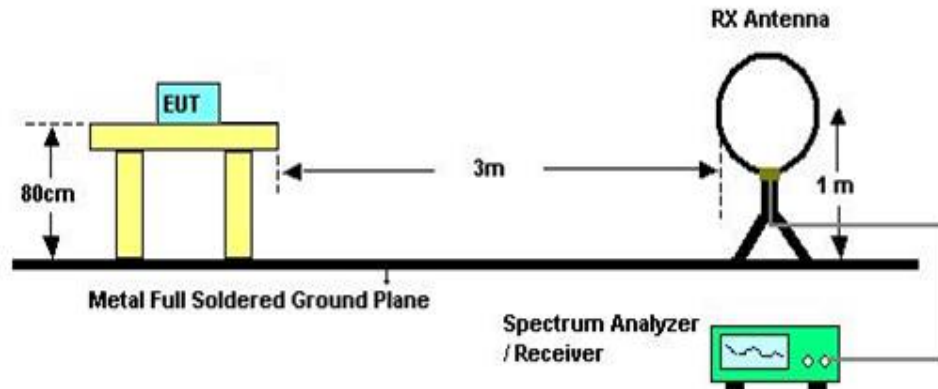
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218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

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

²Above 38.6c

TEST SETUP AND PROCEDURE

Below 30MHz

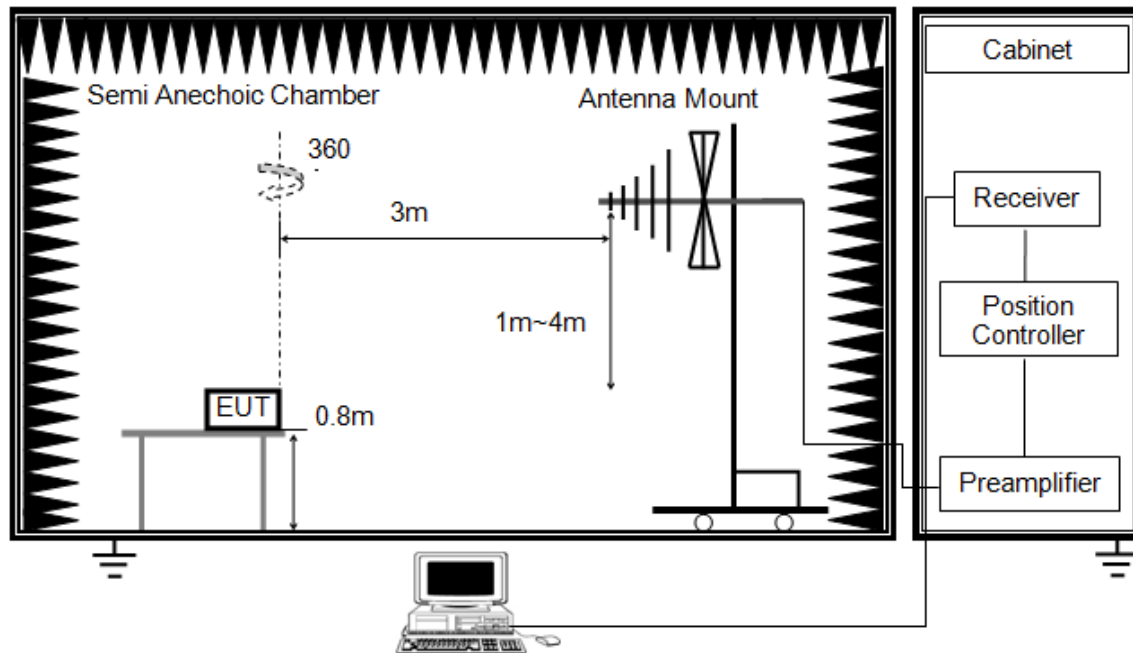


The setting of the spectrum analyser

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

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

Below 1G

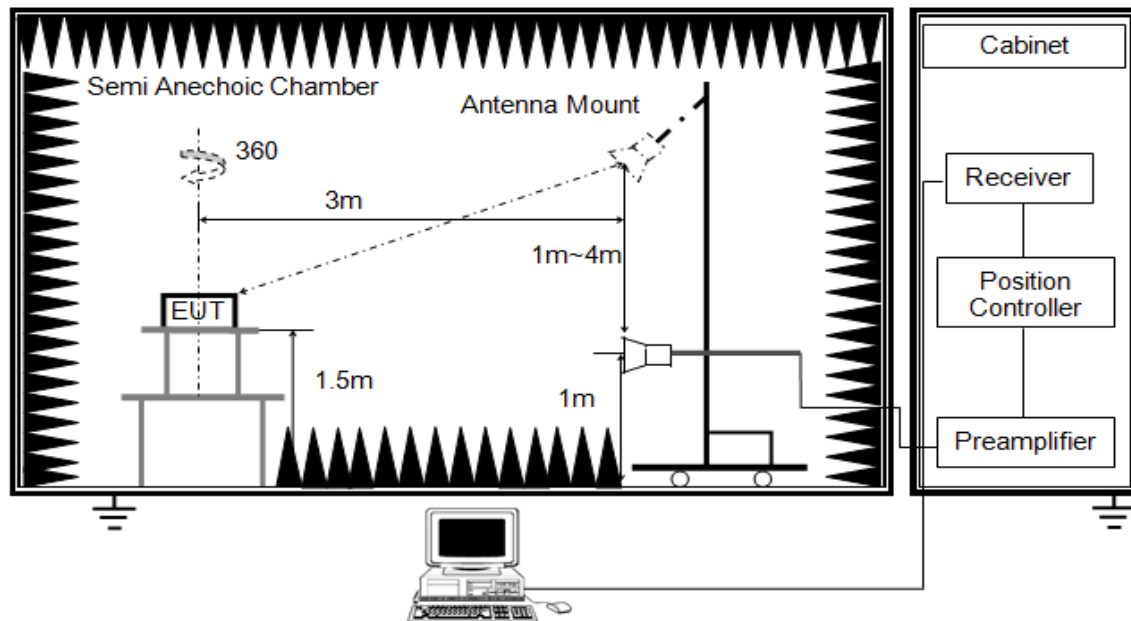


The setting of the spectrum analyser

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

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

Above 1G

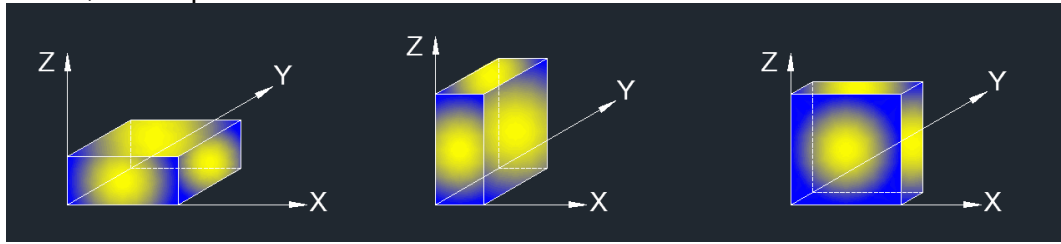


The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with set $VBW \leq RBW/100$, but not less than list in section 7.1 with average detector, max hold to run for at least 50 traces for average measurements.
7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

X axis, Y axis positions:



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



7.6.2.TEST ENVIRONMENT

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

7.6.3.RESTRICTED BANDEDGE

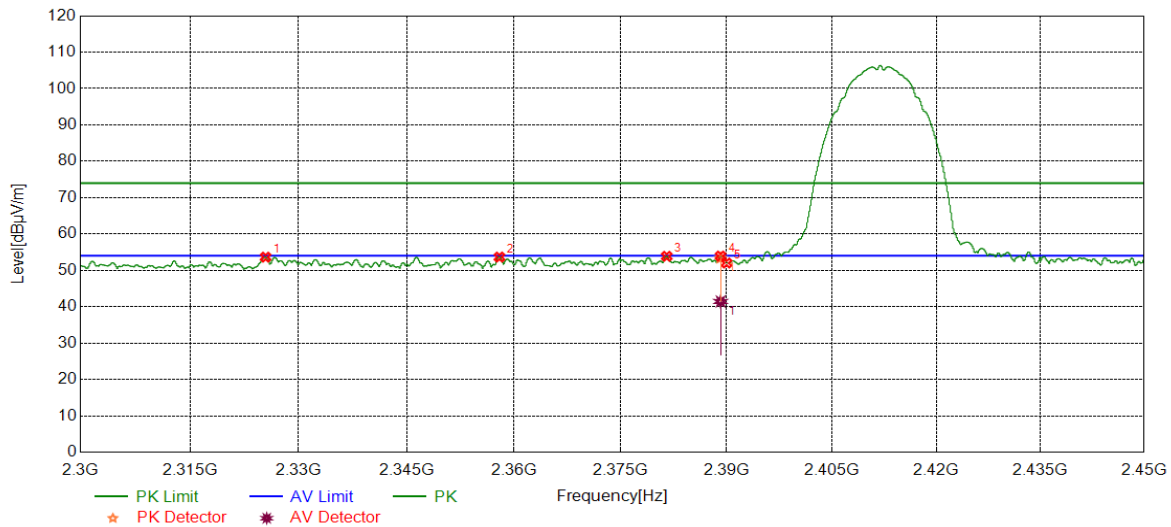
TEST RESULT TABLE

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



TEST GRAPHS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2325.4282	41.22	12.42	53.64	74.00	-20.36	Horizontal
2	2357.9635	40.90	12.76	53.66	74.00	-20.34	Horizontal
3	2381.5164	40.81	13.06	53.87	74.00	-20.13	Horizontal
4	2389.1486	40.86	13.07	53.93	74.00	-20.07	Horizontal
5	2390.0000	38.95	13.07	52.02	74.00	-21.98	Horizontal

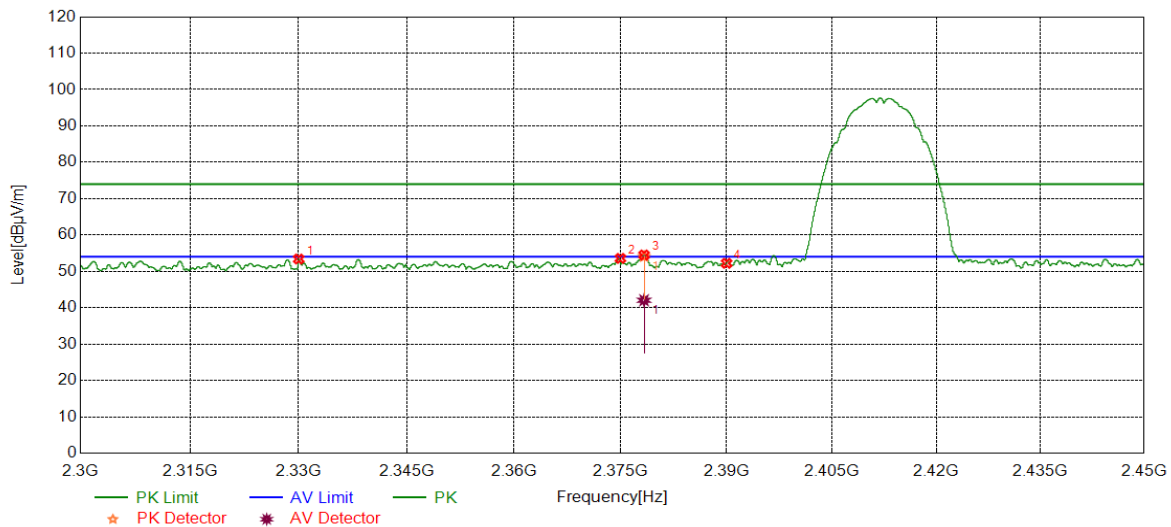
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2389.1486	28.37	13.07	41.44	54.00	-12.56	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2330.0038	40.92	12.47	53.39	74.00	-20.61	Vertical
2	2374.9719	40.58	12.99	53.57	74.00	-20.43	Vertical
3	2378.3098	41.46	13.04	54.50	74.00	-19.50	Vertical
4	2390.0000	39.15	13.07	52.22	74.00	-21.78	Vertical

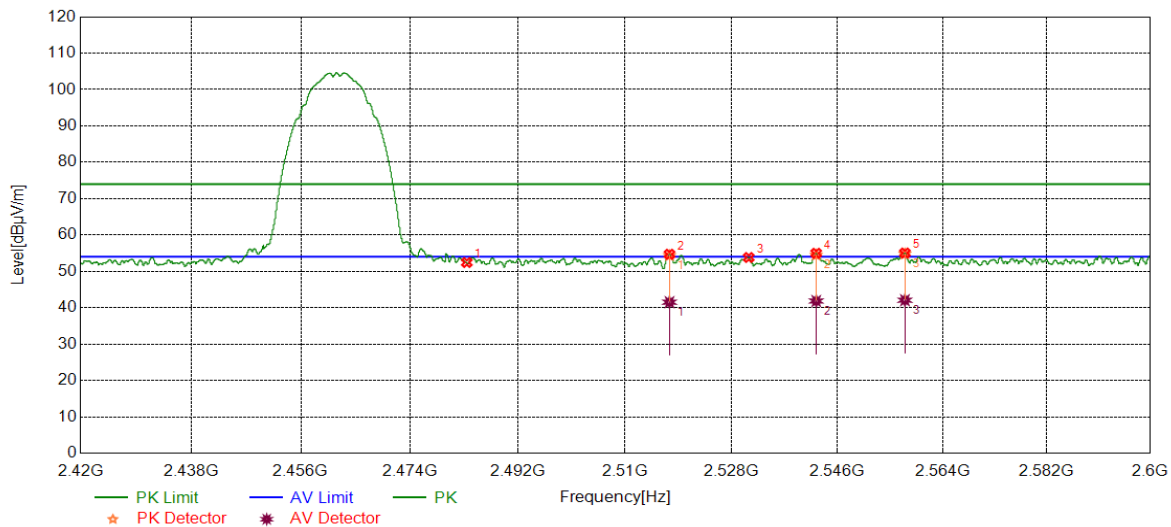
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2378.3098	29.01	13.04	42.05	54.00	-11.95	Vertical

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



Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.47	12.97	52.44	74.00	-21.56	Horizontal
2	2517.4822	41.50	13.21	54.71	74.00	-19.29	Horizontal
3	2530.8939	40.40	13.42	53.82	74.00	-20.18	Horizontal
4	2542.3703	41.58	13.40	54.98	74.00	-19.02	Horizontal
5	2557.5372	41.65	13.40	55.05	74.00	-18.95	Horizontal

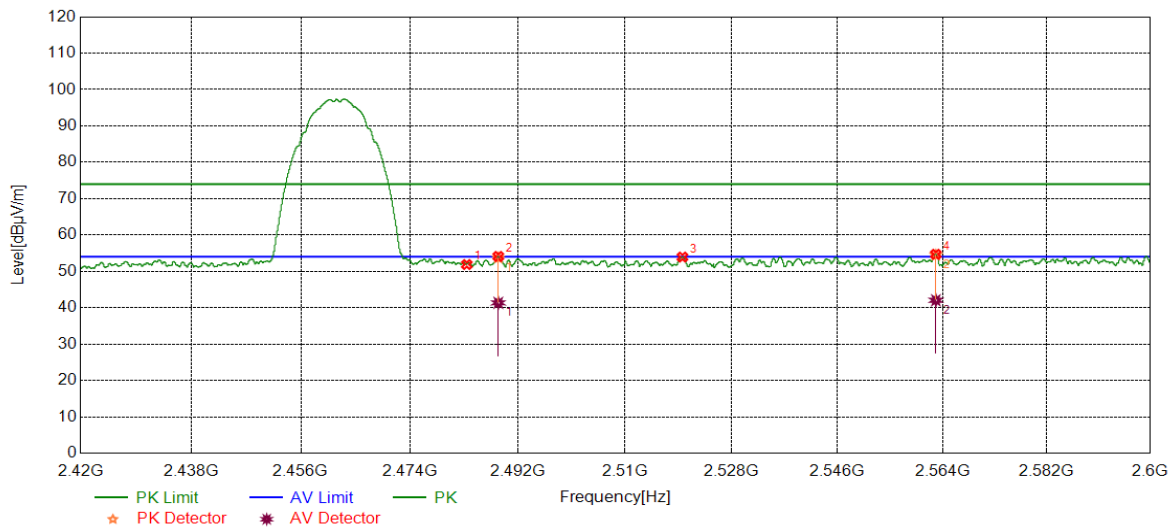
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2517.4822	28.32	13.21	41.53	54.00	-12.47	Horizontal
2	2542.3703	28.45	13.40	41.85	54.00	-12.15	Horizontal
3	2557.5372	28.67	13.40	42.07	54.00	-11.93	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	38.91	12.97	51.88	74.00	-22.12	Vertical
2	2488.7461	41.12	12.99	54.11	74.00	-19.89	Vertical
3	2519.6650	40.72	13.22	53.94	74.00	-20.06	Vertical
4	2562.8479	41.28	13.42	54.70	74.00	-19.30	Vertical

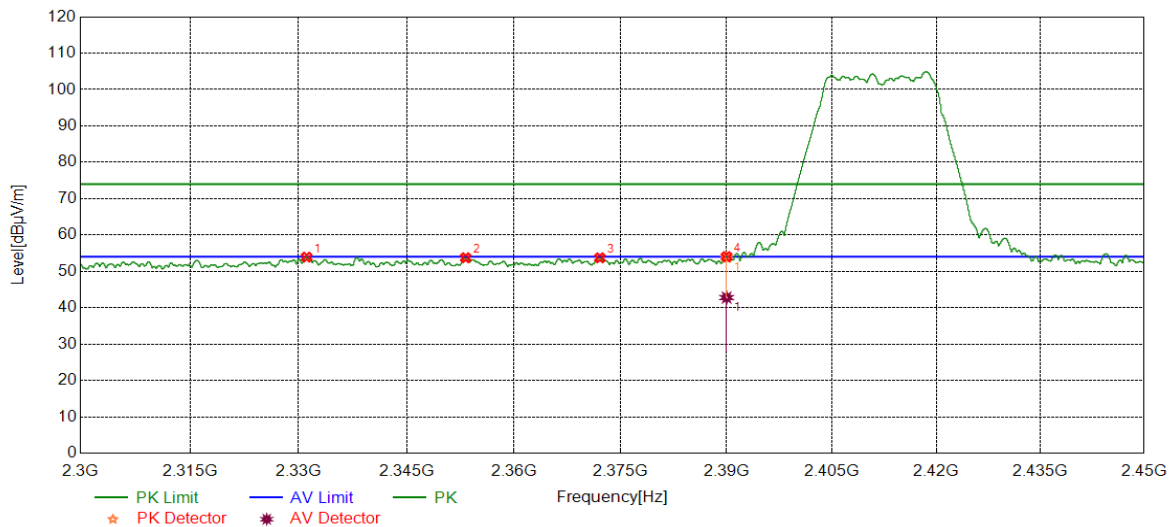
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2488.7461	28.35	12.99	41.34	54.00	-12.66	Vertical
2	2562.8479	28.63	13.42	42.05	54.00	-11.95	Vertical

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



Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2331.1101	41.43	12.49	53.92	74.00	-20.08	Horizontal
2	2353.2379	41.03	12.72	53.75	74.00	-20.25	Horizontal
3	2372.0840	40.77	12.96	53.73	74.00	-20.27	Horizontal
4	2390.0000	40.98	13.07	54.05	74.00	-19.95	Horizontal

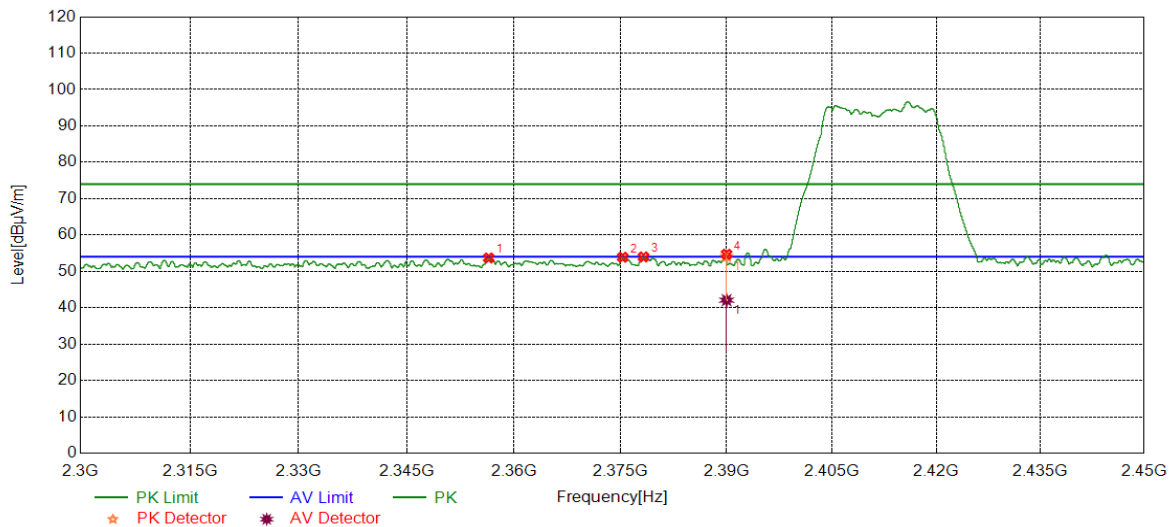
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2390.0000	29.72	13.07	42.79	54.00	-11.21	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2356.4633	40.95	12.74	53.69	74.00	-20.31	Vertical
2	2375.2907	40.89	13.00	53.89	74.00	-20.11	Vertical
3	2378.2348	40.94	13.04	53.98	74.00	-20.02	Vertical
4	2390.0000	41.65	13.07	54.72	74.00	-19.28	Vertical

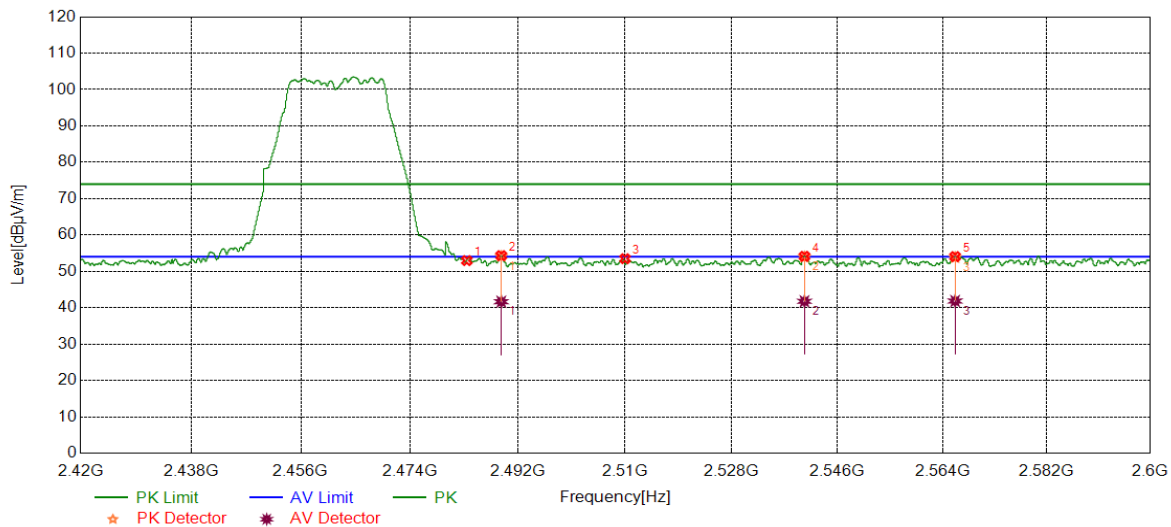
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2390.0000	29.01	13.07	42.08	54.00	-11.92	Vertical

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



Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.99	12.97	52.96	74.00	-21.04	Horizontal
2	2489.2412	41.34	12.99	54.33	74.00	-19.67	Horizontal
3	2509.9887	40.28	13.20	53.48	74.00	-20.52	Horizontal
4	2540.3675	40.73	13.41	54.14	74.00	-19.86	Horizontal
5	2566.1558	40.63	13.43	54.06	74.00	-19.94	Horizontal

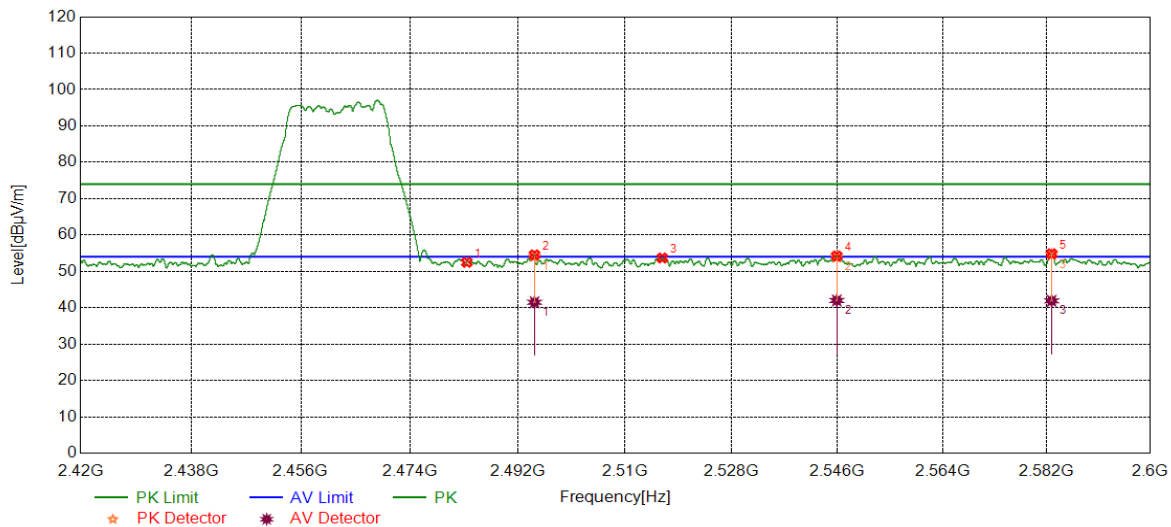
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2489.2412	28.67	12.99	41.66	54.00	-12.34	Horizontal
2	2540.3675	28.35	13.41	41.76	54.00	-12.24	Horizontal
3	2566.1558	28.41	13.43	41.84	54.00	-12.16	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.52	12.97	52.49	74.00	-21.51	Vertical
2	2494.7994	41.47	13.07	54.54	74.00	-19.46	Vertical
3	2516.2670	40.47	13.21	53.68	74.00	-20.32	Vertical
4	2545.8807	40.85	13.38	54.23	74.00	-19.77	Vertical
5	2582.8304	41.36	13.48	54.84	74.00	-19.16	Vertical

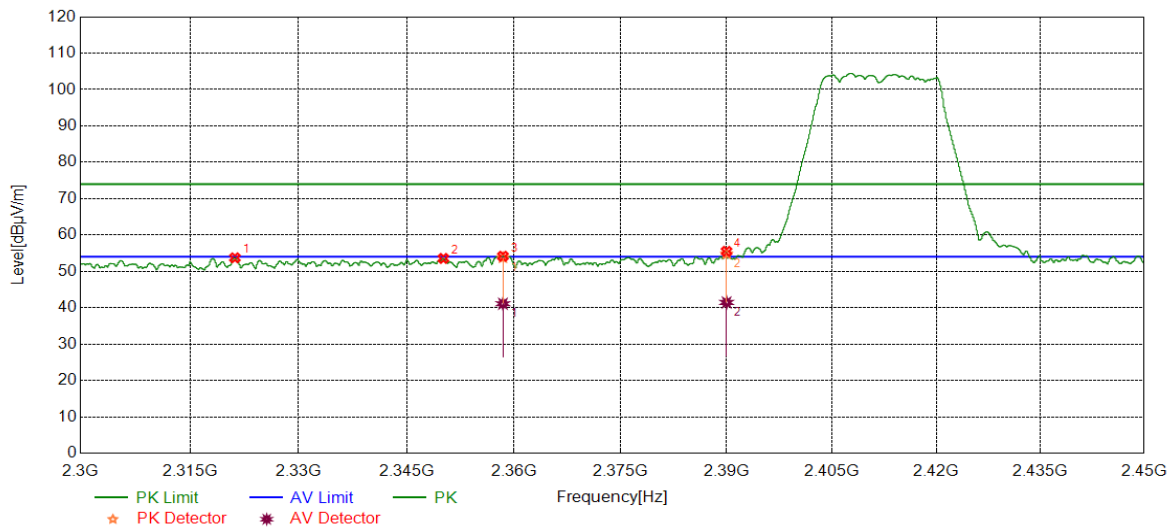
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2494.7994	28.43	13.07	41.50	54.00	-12.50	Vertical
2	2545.8807	28.61	13.38	41.99	54.00	-12.01	Vertical
3	2582.8304	28.42	13.48	41.90	54.00	-12.10	Vertical

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



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2321.1901	41.37	12.36	53.73	74.00	-20.27	Horizontal
2	2350.1250	40.87	12.69	53.56	74.00	-20.44	Horizontal
3	2358.4511	41.41	12.76	54.17	74.00	-19.83	Horizontal
4	2390.0000	42.44	13.07	55.51	74.00	-18.49	Horizontal

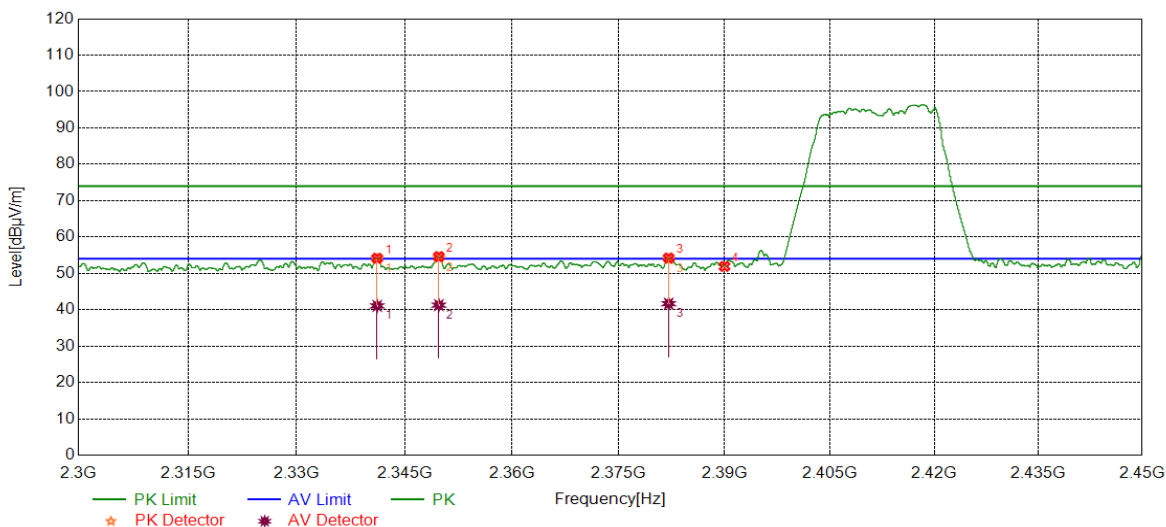
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2358.4511	28.34	12.76	41.10	54.00	-12.90	Horizontal
2	2390.0000	28.38	13.07	41.45	54.00	-12.55	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2341.1801	41.56	12.61	54.17	74.00	-19.83	Vertical
2	2349.7687	41.93	12.69	54.62	74.00	-19.38	Vertical
3	2382.0790	41.18	13.06	54.24	74.00	-19.76	Vertical
4	2390.0000	38.83	13.07	51.90	74.00	-22.10	Vertical

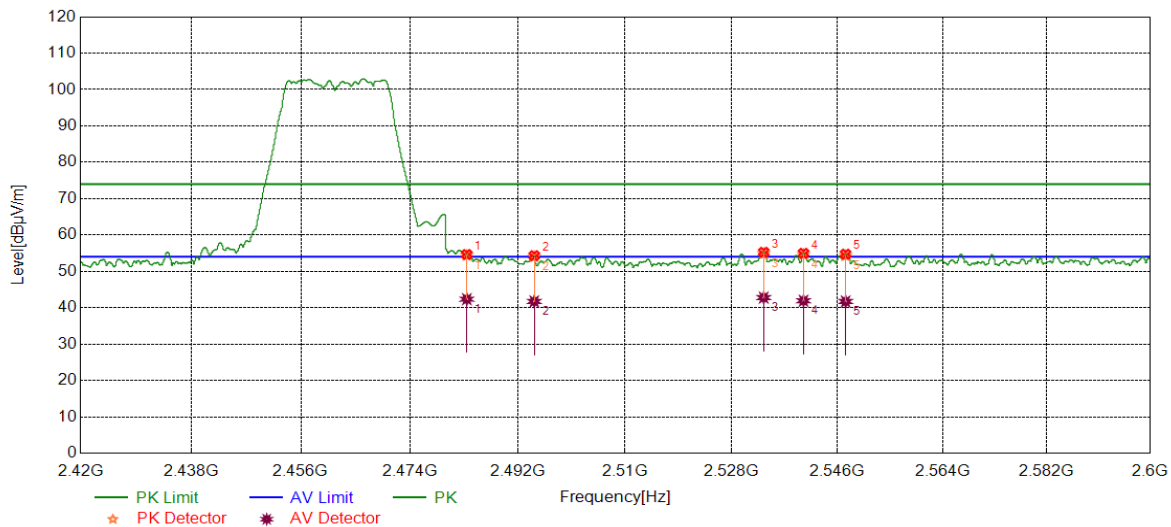
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2341.1801	28.45	12.61	41.06	54.00	-12.94	Vertical
2	2349.7687	28.58	12.69	41.27	54.00	-12.73	Vertical
3	2382.0790	28.61	13.06	41.67	54.00	-12.33	Vertical

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



Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	41.68	12.97	54.65	74.00	-19.35	Horizontal
2	2494.7543	41.27	13.06	54.33	74.00	-19.67	Horizontal
3	2533.4367	41.84	13.42	55.26	74.00	-18.74	Horizontal
4	2540.2100	41.57	13.41	54.98	74.00	-19.02	Horizontal
5	2547.3884	41.38	13.37	54.75	74.00	-19.25	Horizontal

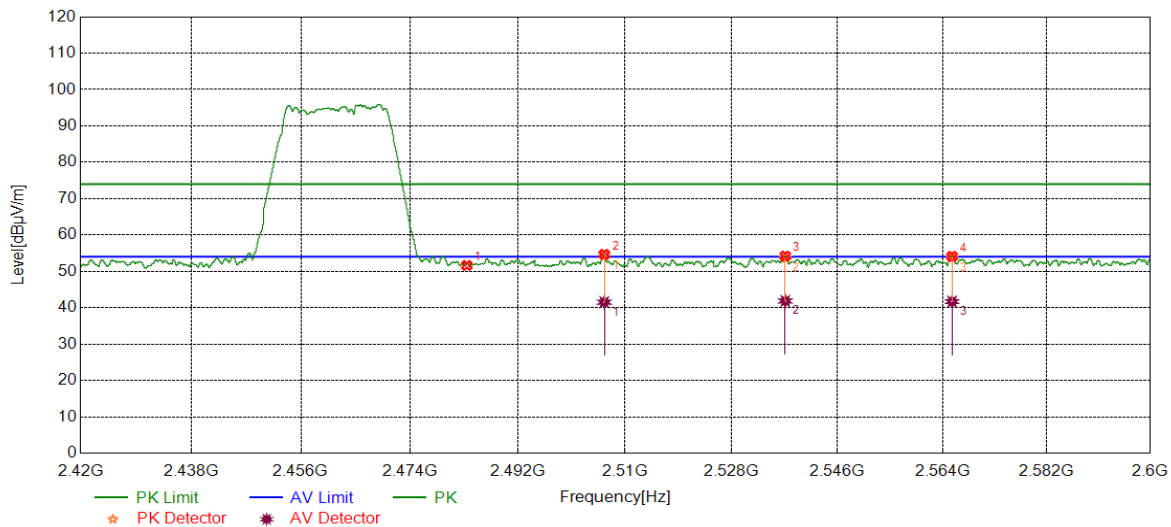
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	29.38	12.97	42.35	54.00	-11.65	Horizontal
2	2494.7543	28.67	13.06	41.73	54.00	-12.27	Horizontal
3	2533.4367	29.36	13.42	42.78	54.00	-11.22	Horizontal
4	2540.2100	28.51	13.41	41.92	54.00	-12.08	Horizontal
5	2547.3884	28.35	13.37	41.72	54.00	-12.28	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	38.66	12.97	51.63	74.00	-22.37	Vertical
2	2506.5008	41.51	13.18	54.69	74.00	-19.31	Vertical
3	2537.1046	40.79	13.42	54.21	74.00	-19.79	Vertical
4	2565.6382	40.70	13.43	54.13	74.00	-19.87	Vertical

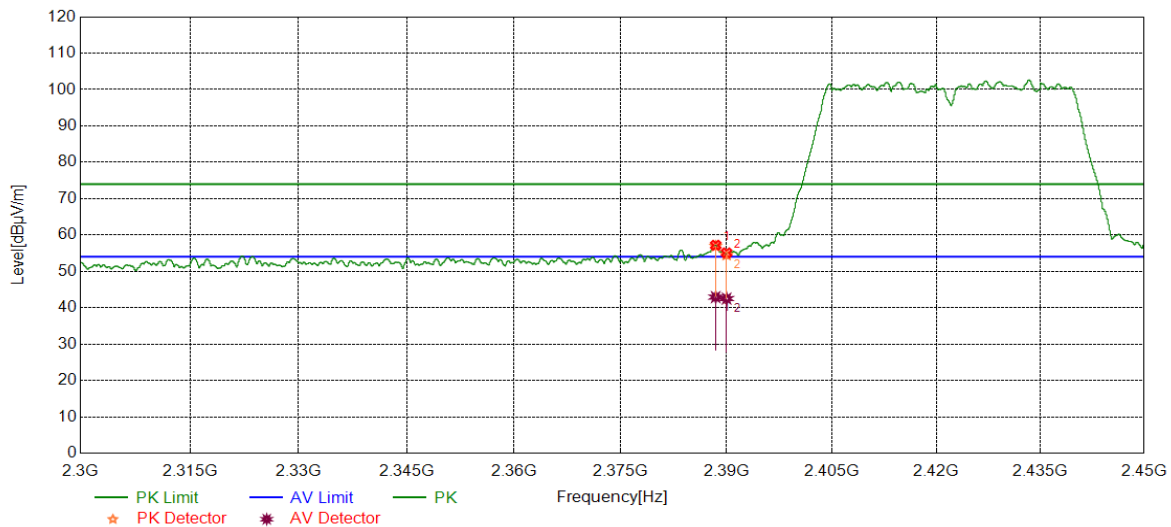
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2506.5008	28.35	13.18	41.53	54.00	-12.47	Vertical
2	2537.1046	28.44	13.42	41.86	54.00	-12.14	Vertical
3	2565.6382	28.26	13.43	41.69	54.00	-12.31	Vertical

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



Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2388.4548	44.12	13.07	57.19	74.00	-16.81	Horizontal
2	2390.0000	42.02	13.07	55.09	74.00	-18.91	Horizontal

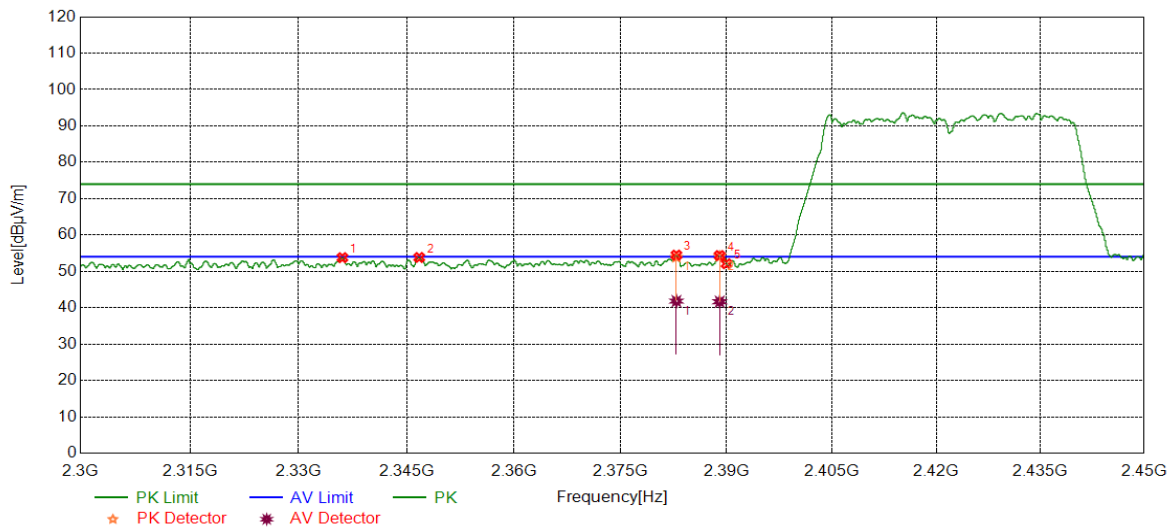
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2388.4548	29.85	13.07	42.92	54.00	-11.08	Horizontal
2	2390.0000	29.44	13.07	42.51	54.00	-11.49	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2336.0608	41.22	12.55	53.77	74.00	-20.23	Vertical
2	2346.7496	41.16	12.66	53.82	74.00	-20.18	Vertical
3	2382.8854	41.42	13.06	54.48	74.00	-19.52	Vertical
4	2389.0174	41.28	13.07	54.35	74.00	-19.65	Vertical
5	2390.0000	39.03	13.07	52.10	74.00	-21.90	Vertical

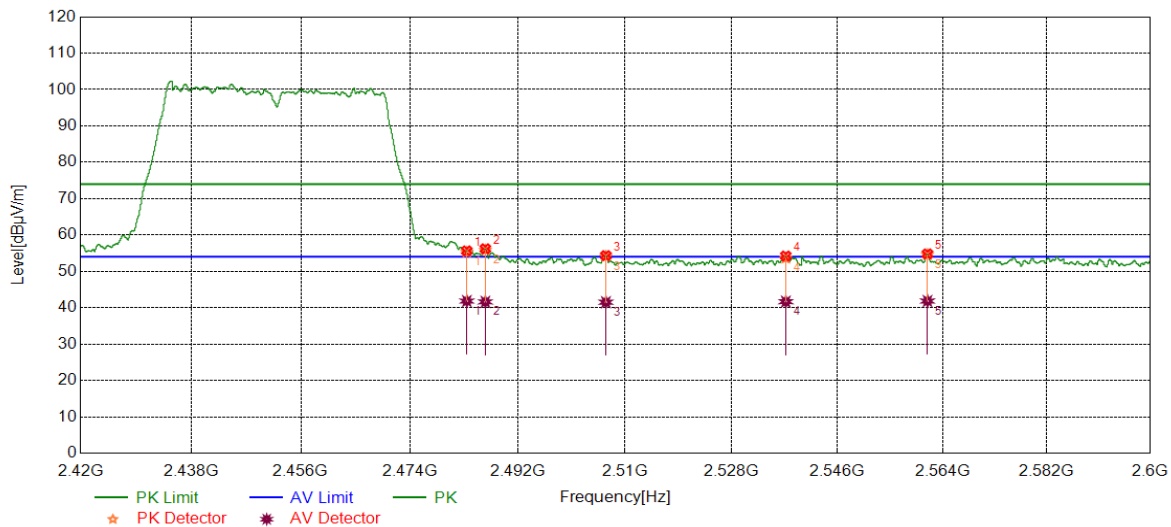
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2382.8854	28.76	13.06	41.82	54.00	-12.18	Vertical
2	2389.0174	28.59	13.07	41.66	54.00	-12.34	Vertical

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



Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	42.68	12.97	55.65	74.00	-18.35	Horizontal
2	2486.5858	43.24	12.98	56.22	74.00	-17.78	Horizontal
3	2506.7708	41.16	13.18	54.34	74.00	-19.66	Horizontal
4	2537.1946	40.82	13.42	54.24	74.00	-19.76	Horizontal
5	2561.4077	41.39	13.42	54.81	74.00	-19.19	Horizontal

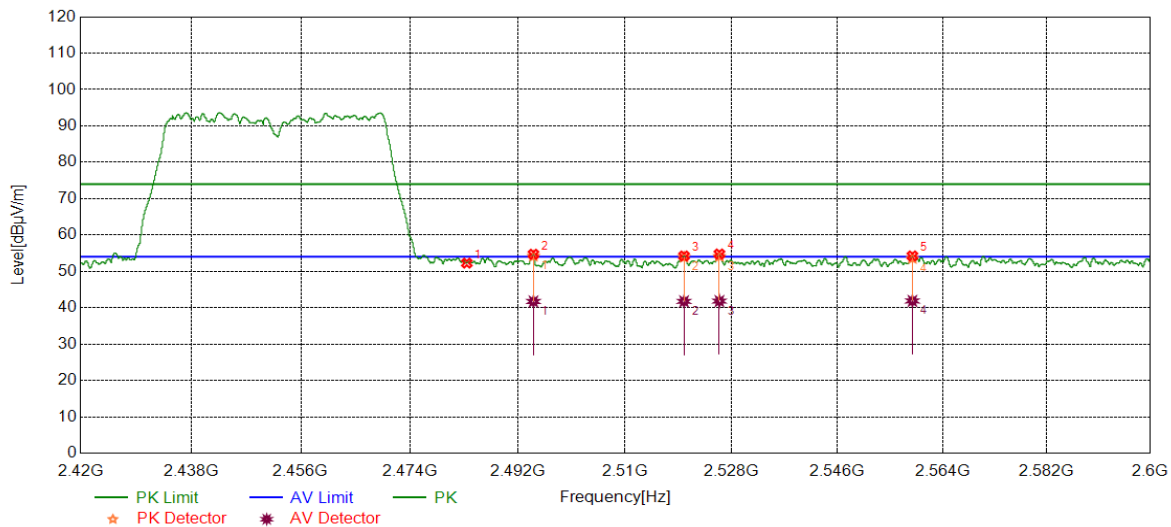
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	28.86	12.97	41.83	54.00	-12.17	Horizontal
2	2486.5858	28.63	12.98	41.61	54.00	-12.39	Horizontal
3	2506.7708	28.33	13.18	41.51	54.00	-12.49	Horizontal
4	2537.1946	28.25	13.42	41.67	54.00	-12.33	Horizontal
5	2561.4077	28.42	13.42	41.84	54.00	-12.16	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.30	12.97	52.27	74.00	-21.73	Vertical
2	2494.6193	41.65	13.06	54.71	74.00	-19.29	Vertical
3	2519.9350	41.02	13.22	54.24	74.00	-19.76	Vertical
4	2525.9207	41.44	13.34	54.78	74.00	-19.22	Vertical
5	2558.8199	40.84	13.41	54.25	74.00	-19.75	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2494.6193	28.65	13.06	41.71	54.00	-12.29	Vertical
2	2519.9350	28.52	13.22	41.74	54.00	-12.26	Vertical
3	2525.9207	28.48	13.34	41.82	54.00	-12.18	Vertical
4	2558.8199	28.46	13.41	41.87	54.00	-12.13	Vertical

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



7.6.4.SPURIOUS EMISSIONS

TEST RESULTS TABLE

1) For 1GHz~18GHz

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

2) For 9KHz~30MHz

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

Remark:

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

3) For 30MHz~1GHz

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

Remark:

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

4) For 18GHz~26.5GHz

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

Remark:

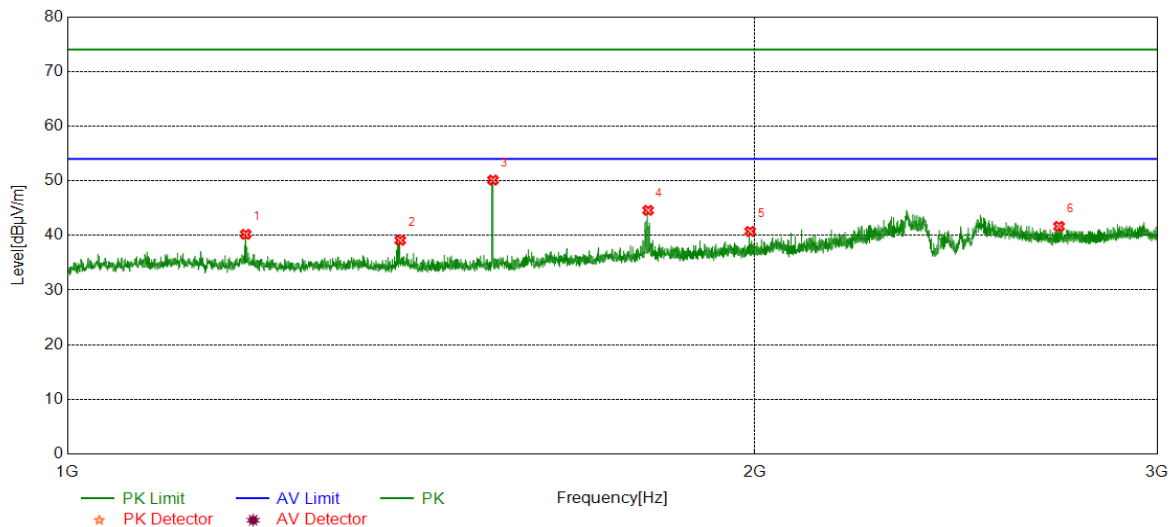
1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.



Part I: 1GHz~3GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

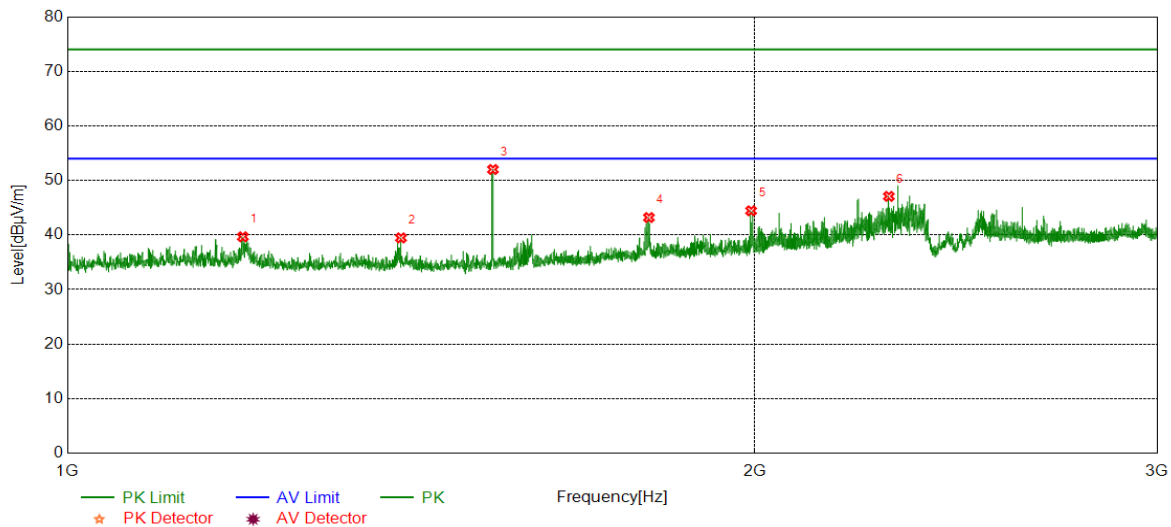


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1197.0246	45.76	-5.56	40.20	74.00	-33.80	Horizontal
2	1398.7999	44.78	-5.67	39.11	74.00	-34.89	Horizontal
3	1535.8170	55.88	-5.75	50.13	74.00	-23.87	Horizontal
4	1795.8495	48.39	-3.80	44.59	74.00	-29.41	Horizontal
5	1990.3738	43.83	-3.09	40.74	74.00	-33.26	Horizontal
6	2717.7147	42.00	-0.34	41.66	74.00	-32.34	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS

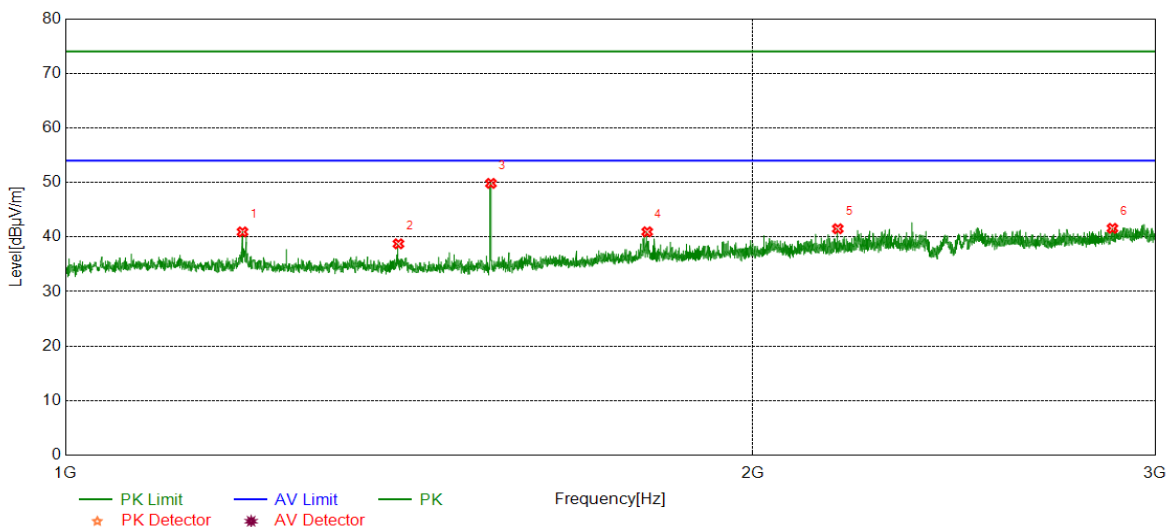


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1193.5242	45.24	-5.57	39.67	74.00	-34.33	Vertical
2	1399.8000	45.13	-5.66	39.47	74.00	-34.53	Vertical
3	1535.8170	57.76	-5.75	52.01	74.00	-21.99	Vertical
4	1797.3497	47.02	-3.82	43.20	74.00	-30.80	Vertical
5	1992.3740	47.51	-3.07	44.44	74.00	-29.56	Vertical
6	2289.1611	49.02	-1.94	47.08	74.00	-26.92	Vertical

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



Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS

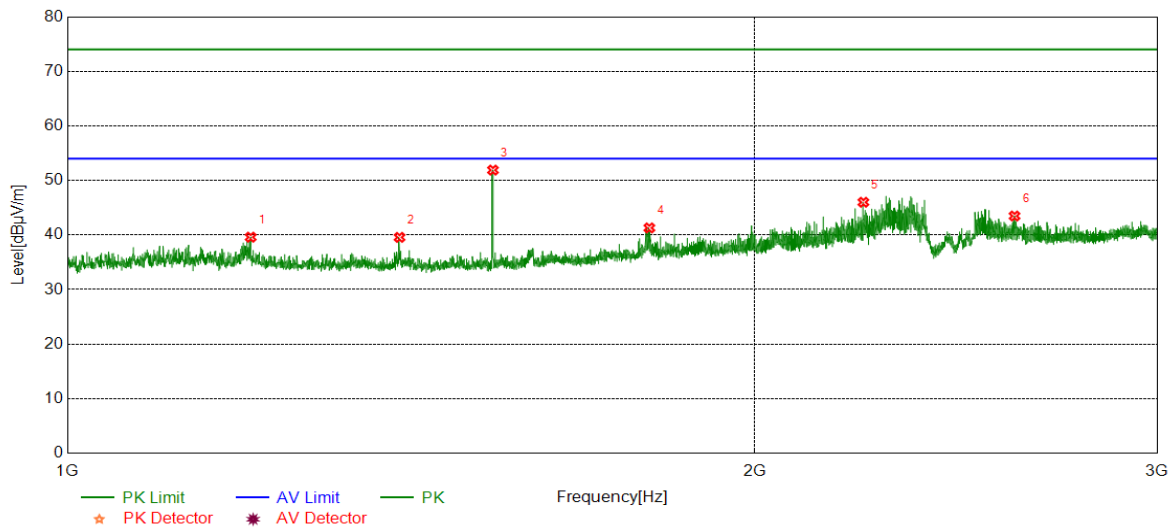


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1195.5244	46.49	-5.56	40.93	74.00	-33.07	Horizontal
2	1399.0499	44.42	-5.67	38.75	74.00	-35.25	Horizontal
3	1535.8170	55.58	-5.75	49.83	74.00	-24.17	Horizontal
4	1797.8497	44.77	-3.82	40.95	74.00	-33.05	Horizontal
5	2178.6473	43.84	-2.33	41.51	74.00	-32.49	Horizontal
6	2873.7342	41.39	0.20	41.59	74.00	-32.41	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS

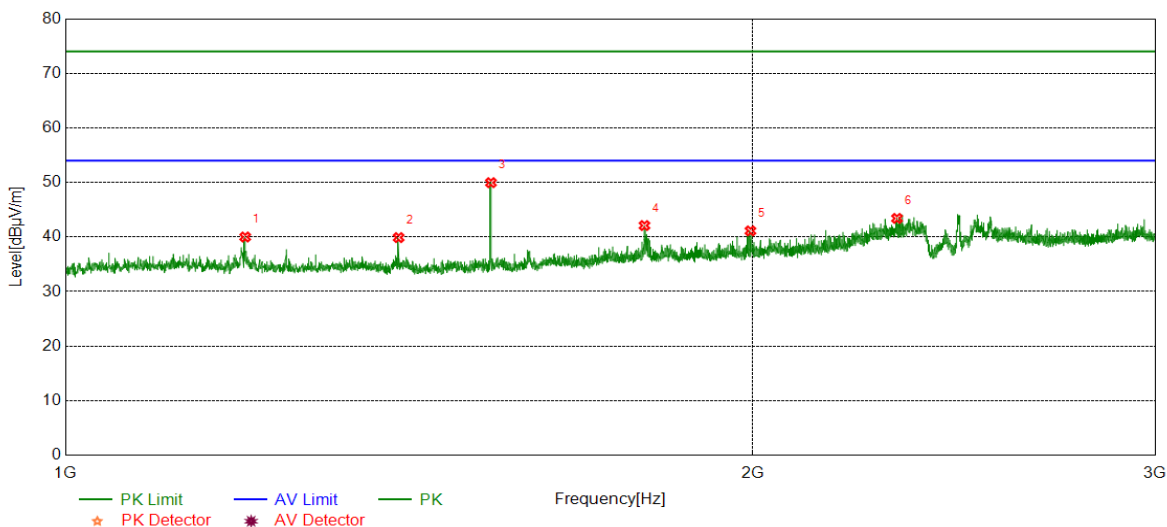


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1203.0254	45.08	-5.48	39.60	74.00	-34.40	Vertical
2	1397.7997	45.25	-5.68	39.57	74.00	-34.43	Vertical
3	1535.8170	57.65	-5.75	51.90	74.00	-22.10	Vertical
4	1798.0998	45.13	-3.83	41.30	74.00	-32.70	Vertical
5	2231.1539	48.18	-2.18	46.00	74.00	-28.00	Vertical
6	2598.4498	44.21	-0.73	43.48	74.00	-30.52	Vertical

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



Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS

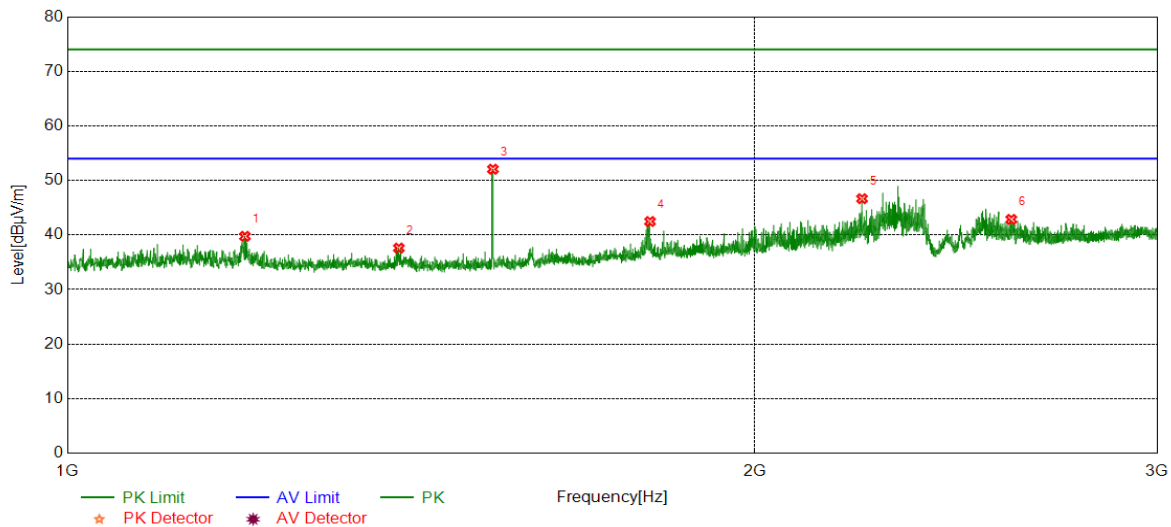


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1198.7748	45.56	-5.56	40.00	74.00	-34.00	Horizontal
2	1399.2999	45.55	-5.66	39.89	74.00	-34.11	Horizontal
3	1535.8170	55.71	-5.75	49.96	74.00	-24.04	Horizontal
4	1792.8491	45.87	-3.77	42.10	74.00	-31.90	Horizontal
5	1995.1244	44.16	-3.04	41.12	74.00	-32.88	Horizontal
6	2312.6641	45.06	-1.65	43.41	74.00	-30.59	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS

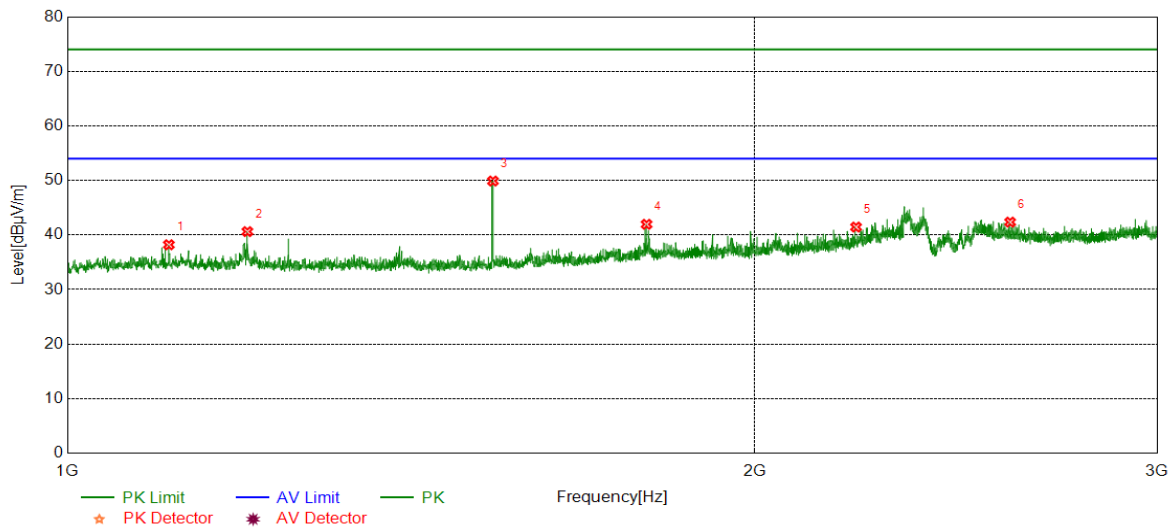


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1196.0245	45.32	-5.56	39.76	74.00	-34.24	Vertical
2	1396.7996	43.29	-5.69	37.60	74.00	-36.40	Vertical
3	1535.8170	57.81	-5.75	52.06	74.00	-21.94	Vertical
4	1799.3499	46.31	-3.84	42.47	74.00	-31.53	Vertical
5	2228.1535	48.83	-2.18	46.65	74.00	-27.35	Vertical
6	2589.9487	43.63	-0.77	42.86	74.00	-31.14	Vertical

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



Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS

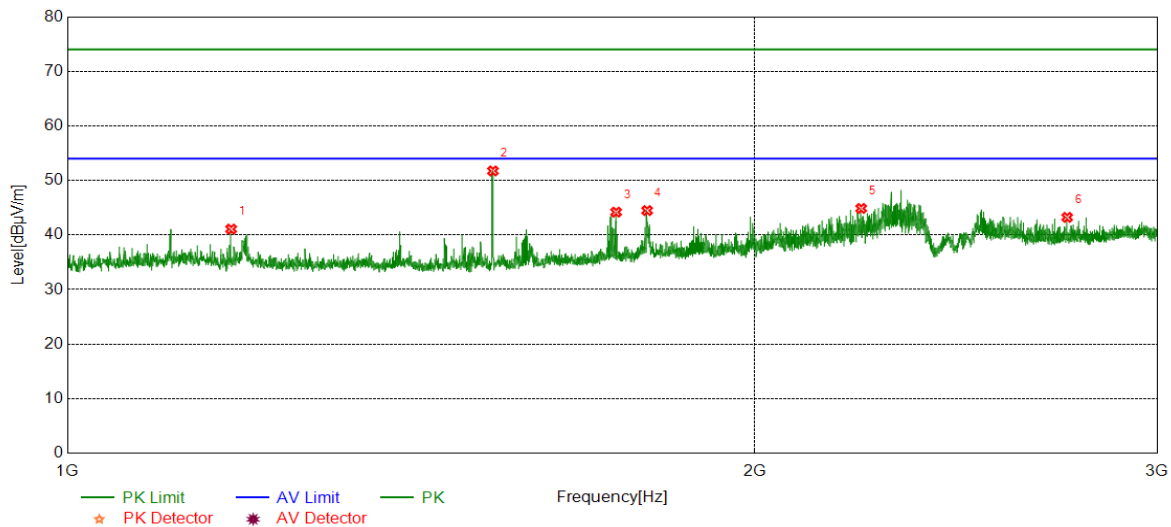


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1107.7635	43.73	-5.52	38.21	74.00	-35.79	Horizontal
2	1199.0249	46.18	-5.56	40.62	74.00	-33.38	Horizontal
3	1535.8170	55.64	-5.75	49.89	74.00	-24.11	Horizontal
4	1793.0991	45.73	-3.77	41.96	74.00	-32.04	Horizontal
5	2214.6518	43.74	-2.28	41.46	74.00	-32.54	Horizontal
6	2586.9484	43.19	-0.83	42.36	74.00	-31.64	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS

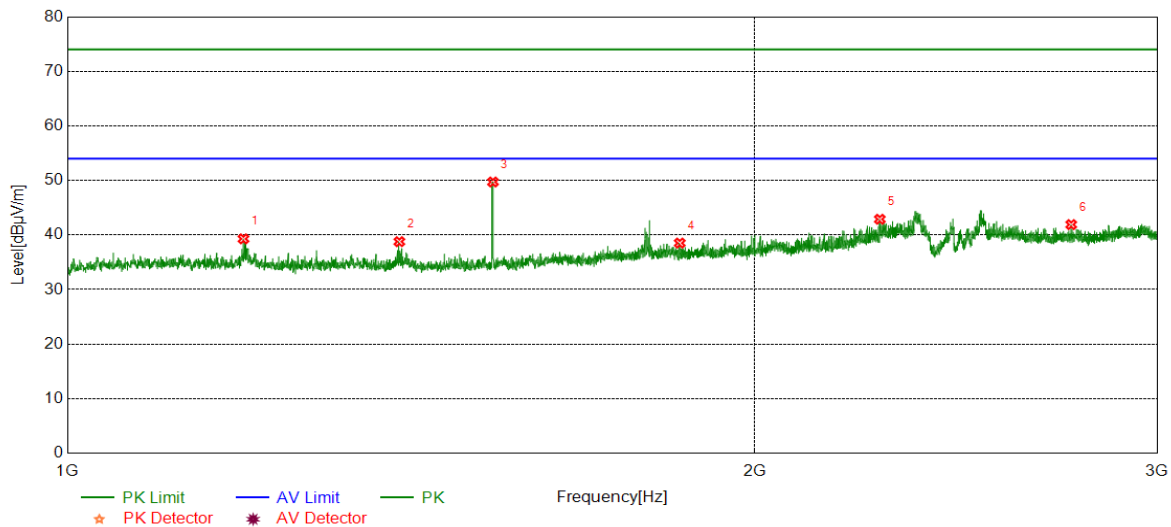


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1179.5224	46.75	-5.67	41.08	74.00	-32.92	Vertical
2	1535.8170	57.49	-5.75	51.74	74.00	-22.26	Vertical
3	1738.8424	48.69	-4.50	44.19	74.00	-29.81	Vertical
4	1794.0993	48.26	-3.78	44.48	74.00	-29.52	Vertical
5	2226.1533	47.06	-2.19	44.87	74.00	-29.13	Vertical
6	2739.9675	43.69	-0.46	43.23	74.00	-30.77	Vertical

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



Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS

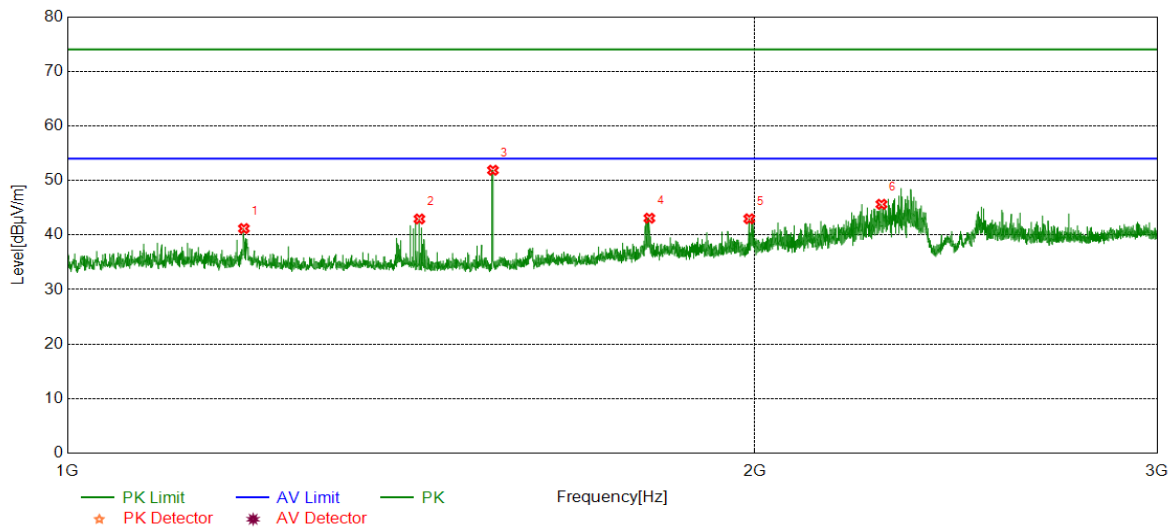


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1194.2743	44.86	-5.57	39.29	74.00	-34.71	Horizontal
2	1397.5497	44.46	-5.68	38.78	74.00	-35.22	Horizontal
3	1535.8170	55.47	-5.75	49.72	74.00	-24.28	Horizontal
4	1854.1068	42.21	-3.69	38.52	74.00	-35.48	Horizontal
5	2268.4086	45.00	-2.11	42.89	74.00	-31.11	Horizontal
6	2751.2189	42.33	-0.42	41.91	74.00	-32.09	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1194.7743	46.75	-5.57	41.18	74.00	-32.82	Vertical
2	1426.0533	48.73	-5.79	42.94	74.00	-31.06	Vertical
3	1535.8170	57.62	-5.75	51.87	74.00	-22.13	Vertical
4	1798.0998	46.91	-3.83	43.08	74.00	-30.92	Vertical
5	1988.6236	46.07	-3.10	42.97	74.00	-31.03	Vertical
6	2272.1590	47.70	-2.07	45.63	74.00	-28.37	Vertical

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