





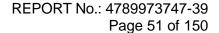




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Test Mode	Channel	Verdict
11G	LCH	PASS







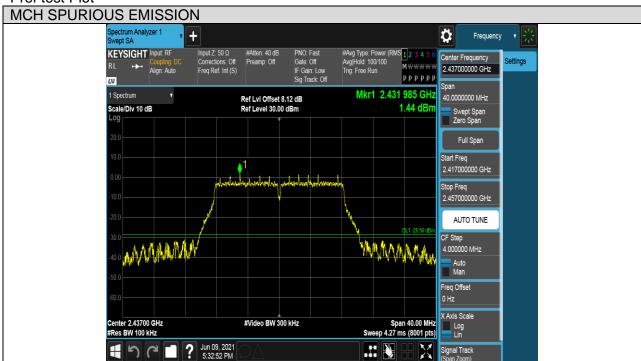


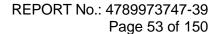




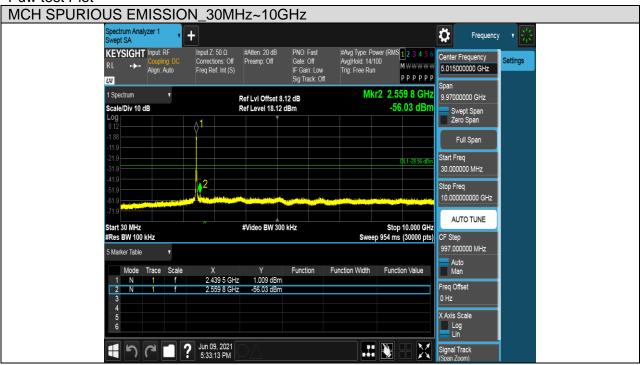
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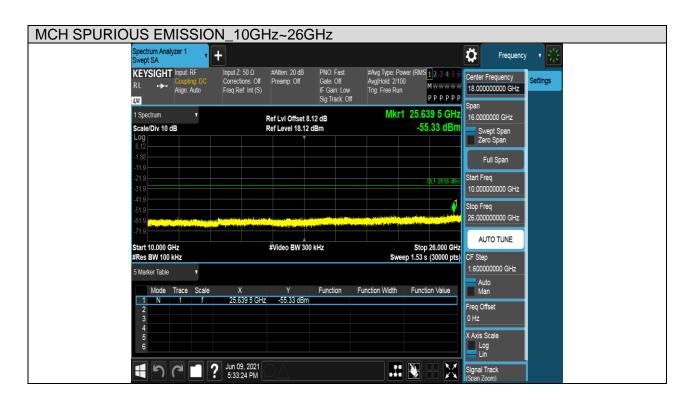
Test Mode	Channel	Verdict
11G	MCH	PASS









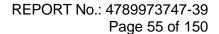




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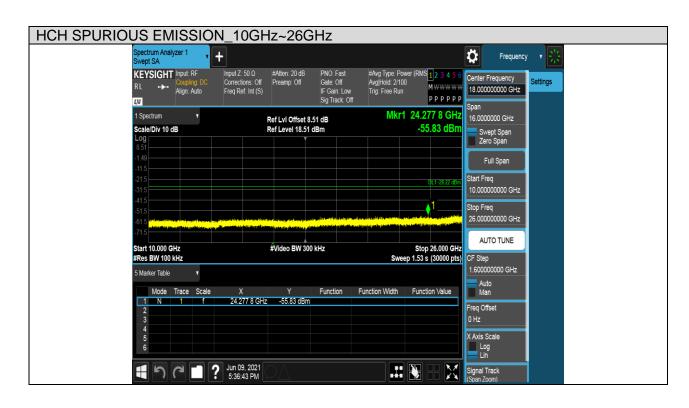
Test Mode	Channel	Verdict
11G	HCH	PASS









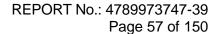




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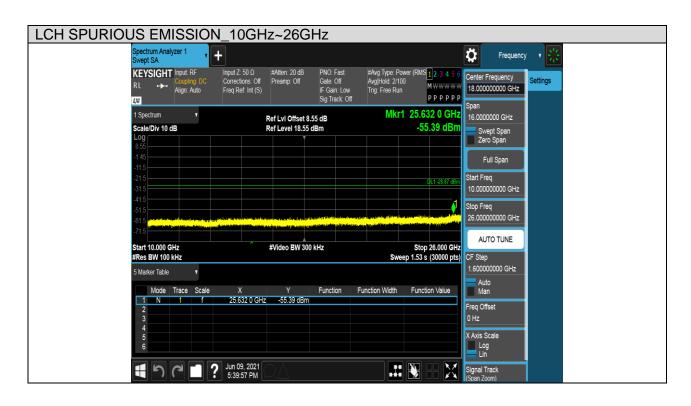
Test Mode	Channel	Verdict
11N HT20	LCH	PASS









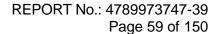




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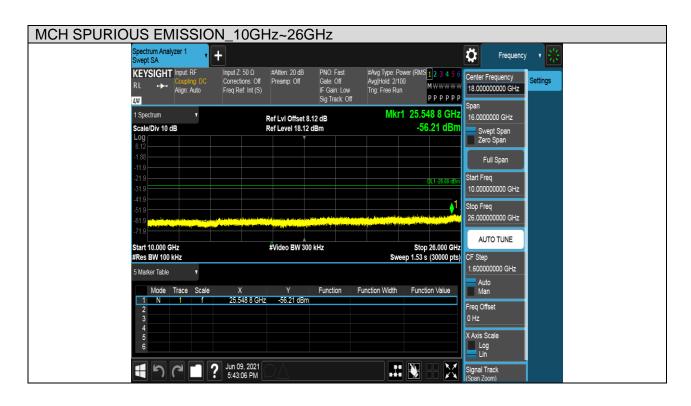
Test Mode	Channel	Verdict
11N HT20	MCH	PASS











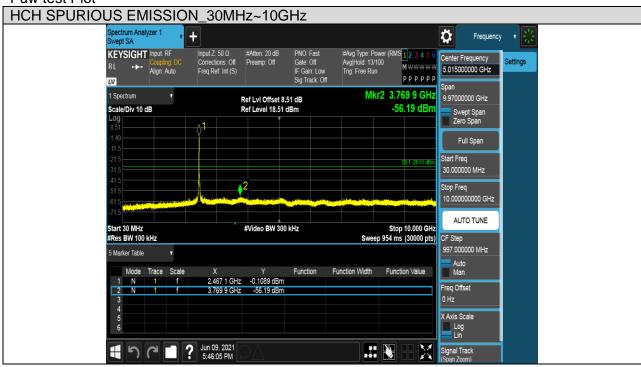


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Test Mode	Channel	Verdict
11N HT20	HCH	PASS





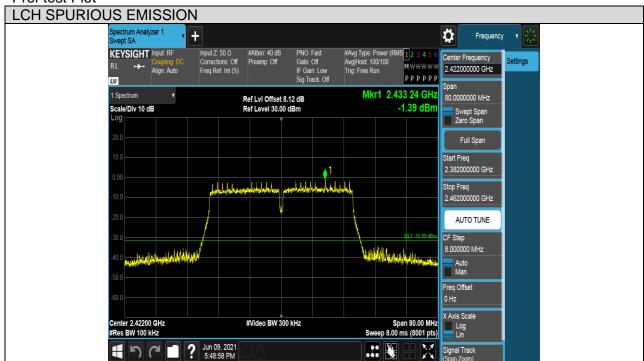


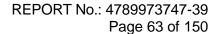




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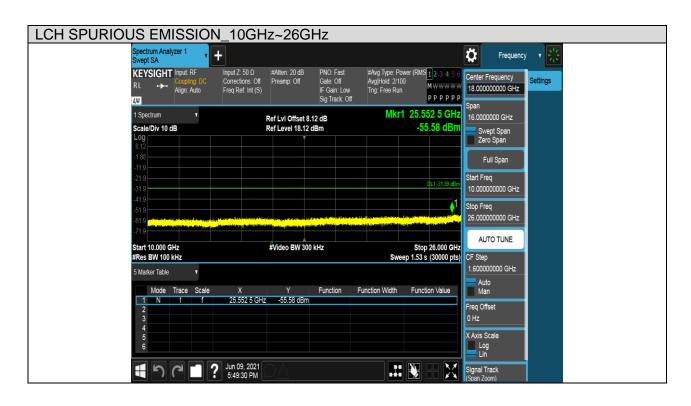
Test Mode	Channel	Verdict
11N HT40	LCH	PASS







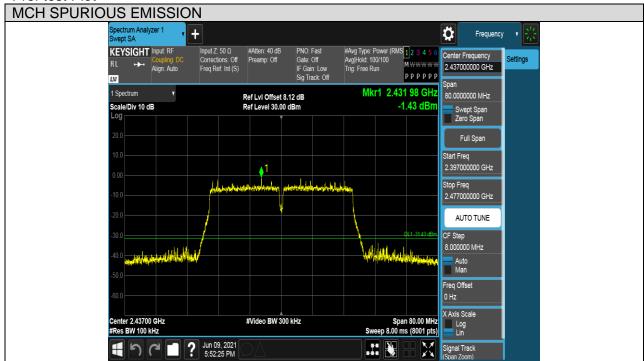


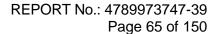




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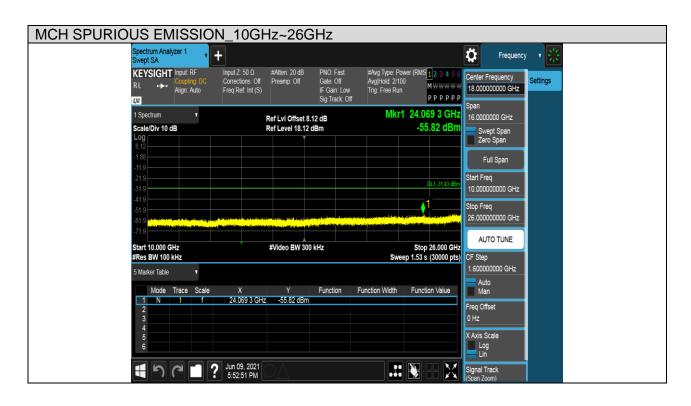
Test Mode	Channel	Verdict
11N HT40	MCH	PASS







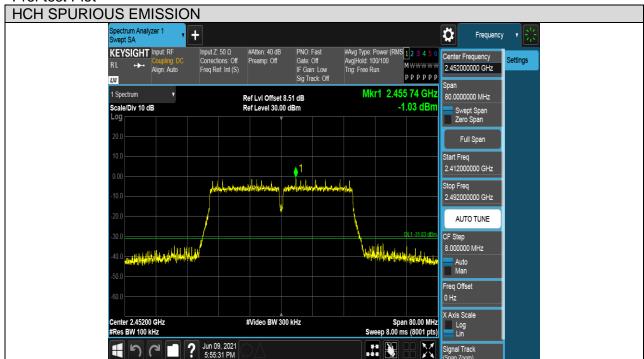






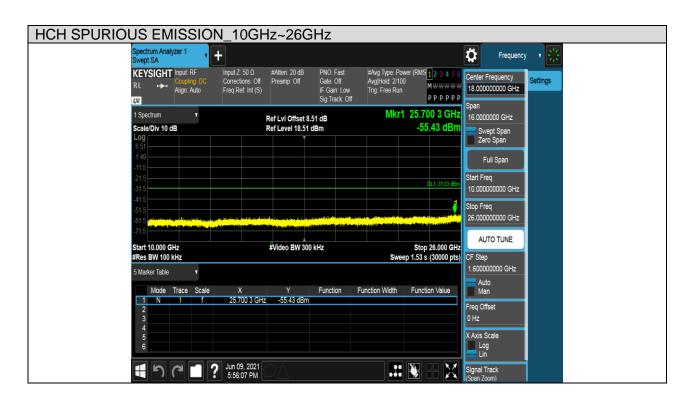
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Test Mode	Channel	Verdict
11N HT40	HCH	PASS











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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

Please refer to FCC KDB 558074

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

Fragues av	Field Ctroperth	Magaziramant Diatanas
Frequency	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(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)	
Frequency (Miriz)	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			

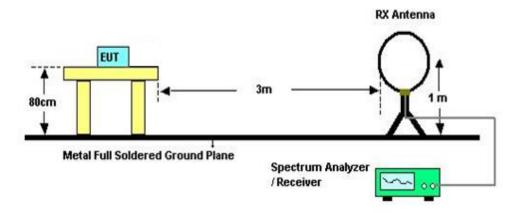
Note: 1 Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz. 2 Above 38.6c



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TEST SETUP AND PROCEDURE

Below 30MHz



The setting of the spectrum analyser

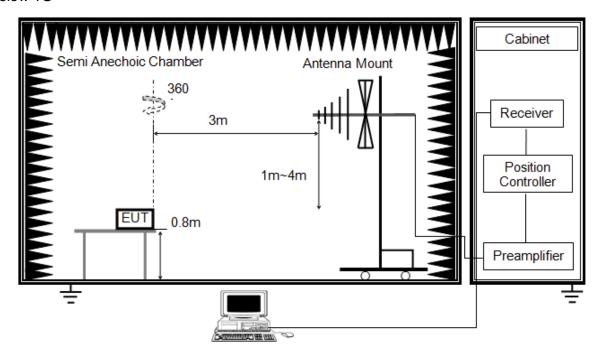
RBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
VBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
Sweep	Auto
Detector	Peak/QP/ Average
Trace	Max hold

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

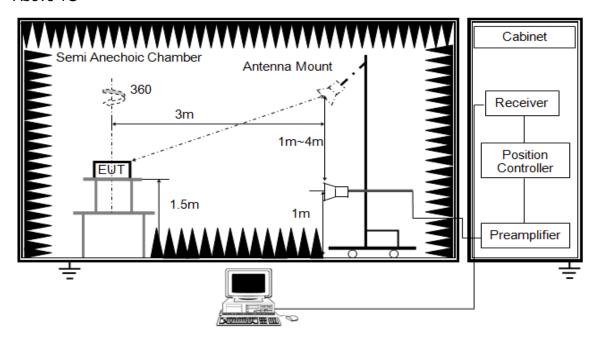
RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

- 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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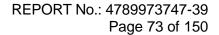
Above 1G



The setting of the spectrum analyser

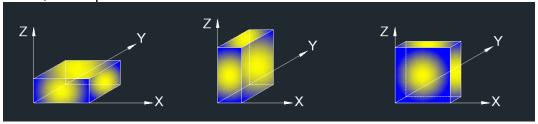
RBW	1M
VBW	PEAK:3M AVG: See note6
	AVG. See noteo
Sweep	Auto
Detector	Peak/Average(10Hz)
Trace	Max hold

- 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 ≤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 worse case (X axis) data recorded in the report.



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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

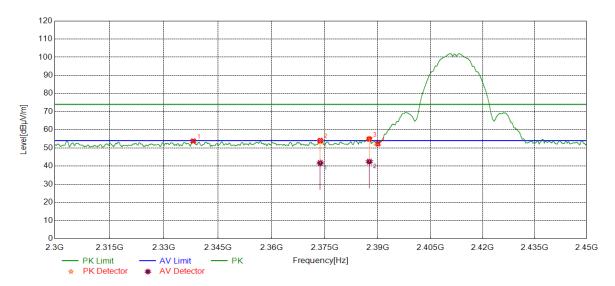
Test Mode	Channel	Puw(dBm)	Verdict
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11G	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT20	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT40	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	HCH	<limit< td=""><td>PASS</td></limit<>	PASS



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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	2338.1610	41.23	12.57	53.80	74.00	-20.20	Horizontal
2	2373.7155	41.10	12.98	54.08	74.00	-19.92	Horizontal
3	2387.5922	41.81	13.07	54.88	74.00	-19.12	Horizontal
4	2390.0000	39.20	13.07	52.27	74.00	-21.73	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2373.7155	28.76	12.98	41.74	54.00	-12.26	Horizontal
2	2387.5922	29.38	13.07	42.45	54.00	-11.55	Horizontal

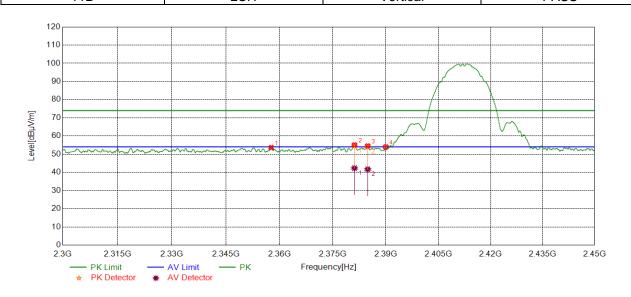
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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	2357.6635	40.87	12.75	53.62	74.00	-20.38	Vertical
2	2381.1226	42.01	13.06	55.07	74.00	-18.93	Vertical
3	2384.8731	41.46	13.06	54.52	74.00	-19.48	Vertical
4	2390.0000	40.92	13.07	53.99	74.00	-20.01	Vertical

AV Result:

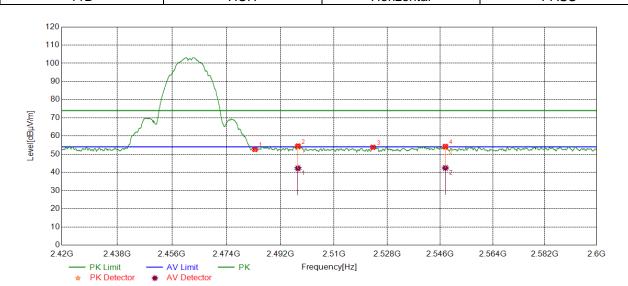
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2381.1226	29.27	13.06	42.33	54.00	-11.67	Vertical
2	2384.8731	28.67	13.06	41.73	54.00	-12.27	Vertical

- 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



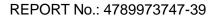
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	39.64	12.97	52.61	74.00	-21.39	Horizontal
2	2497.8822	41.36	13.11	54.47	74.00	-19.53	Horizontal
3	2523.1304	40.52	13.28	53.80	74.00	-20.20	Horizontal
4	2547.7485	40.90	13.36	54.26	74.00	-19.74	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2497.8822	29.14	13.11	42.25	54.00	-11.75	Horizontal
2	2547.7485	29.05	13.36	42.41	54.00	-11.59	Horizontal

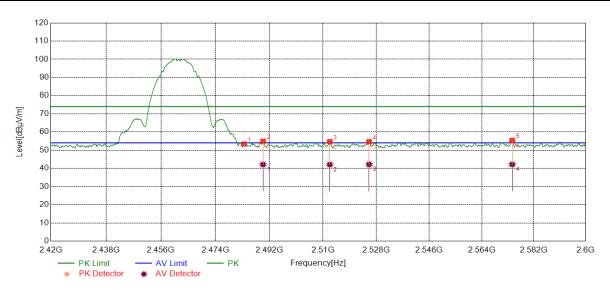
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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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	40.36	12.97	53.33	74.00	-20.67	Vertical
2	2489.8712	41.96	13.00	54.96	74.00	-19.04	Vertical
3	2512.2615	41.49	13.21	54.70	74.00	-19.30	Vertical
4	2525.5607	41.40	13.33	54.73	74.00	-19.27	Vertical
5	2574.4818	41.95	13.45	55.40	74.00	-18.60	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2489.8712	29.14	13.00	42.14	54.00	-11.86	Vertical
2	2512.2615	28.87	13.21	42.08	54.00	-11.92	Vertical
3	2525.5607	28.86	13.33	42.19	54.00	-11.81	Vertical
4	2574.4818	28.75	13.45	42.20	54.00	-11.80	Vertical

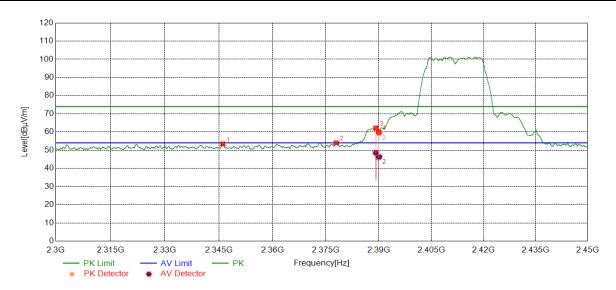
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



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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	2346.1120	40.74	12.65	53.39	74.00	-20.61	Horizontal
2	2377.9722	40.97	13.03	54.00	74.00	-20.00	Horizontal
3	2389.1674	49.08	13.07	62.15	74.00	-11.85	Horizontal
4	2390.0000	46.86	13.07	59.93	74.00	-14.07	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2389.1674	35.49	13.07	48.56	54.00	-5.44	Horizontal
2	2390.0000	33.17	13.07	46.24	54.00	-7.76	Horizontal

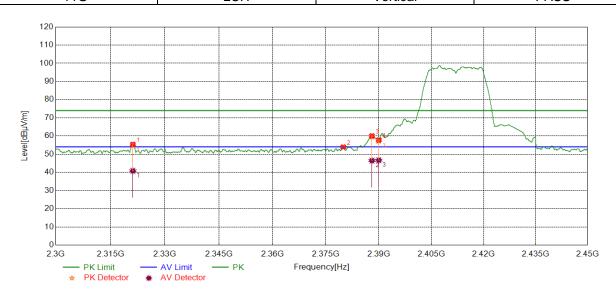
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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	2321.1714	43.03	12.36	55.39	74.00	-18.61	Vertical
2	2379.9225	40.88	13.06	53.94	74.00	-20.06	Vertical
3	2388.0610	46.99	13.07	60.06	74.00	-13.94	Vertical
4	2390.0000	44.71	13.07	57.78	74.00	-16.22	Vertical

AV Result:

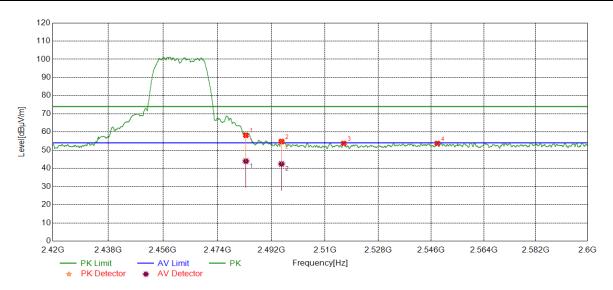
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2321.1714	28.47	12.36	40.83	54.00	-13.17	Vertical
2	2388.0610	33.38	13.07	46.45	54.00	-7.55	Vertical
3	2390.0000	33.62	13.07	46.69	54.00	-7.31	Vertical

- 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



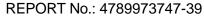
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	45.28	12.97	58.25	74.00	-15.75	Horizontal
2	2495.3844	41.76	13.07	54.83	74.00	-19.17	Horizontal
3	2516.2895	40.54	13.21	53.75	74.00	-20.25	Horizontal
4	2548.0860	40.40	13.36	53.76	74.00	-20.24	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	31.00	12.97	43.97	54.00	-10.03	Horizontal
2	2495.3844	29.36	13.07	42.43	54.00	-11.57	Horizontal

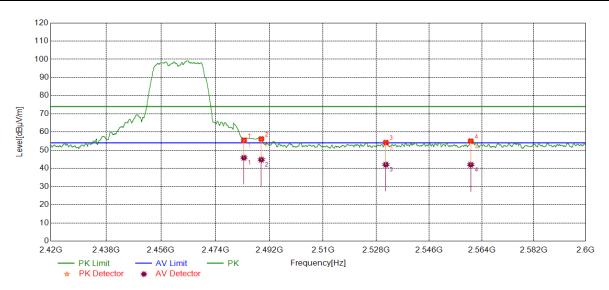
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

1 17 17 Codit:							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	42.54	12.97	55.51	74.00	-18.49	Vertical
2	2489.3087	43.24	12.99	56.23	74.00	-17.77	Vertical
3	2531.2314	40.81	13.42	54.23	74.00	-19.77	Vertical
4	2560.2150	41.62	13.41	55.03	74.00	-18.97	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark	
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]		
1	2483.5000	32.86	12.97	45.83	54.00	-8.17	Vertical	
2	2489.3087	31.79	12.99	44.78	54.00	-9.22	Vertical	
3	2531.2314	28.62	13.42	42.04	54.00	-11.96	Vertical	
4	2560.2150	28.57	13.41	41.98	54.00	-12.02	Vertical	

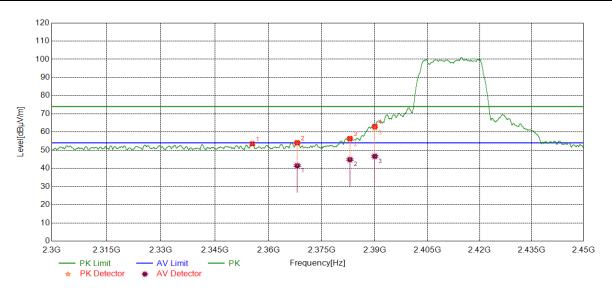
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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Test Mode	Channel	Polarization	Verdict	
11N HT20	LCH	Horizontal	PASS	



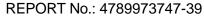
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2355.4694	40.74	12.74	53.48	74.00	-20.52	Horizontal
2	2368.0898	41.18	12.90	54.08	74.00	-19.92	Horizontal
3	2382.9416	43.34	13.06	56.40	74.00	-17.60	Horizontal
4	2390.0000	49.96	13.07	63.03	74.00	-10.97	Horizontal

AV Result:

7.7.1.000.11									
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark		
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]			
1	2368.0898	28.55	12.90	41.45	54.00	-12.55	Horizontal		
2	2382.9416	31.78	13.06	44.84	54.00	-9.16	Horizontal		
3	2390.0000	33.56	13.07	46.63	54.00	-7.37	Horizontal		

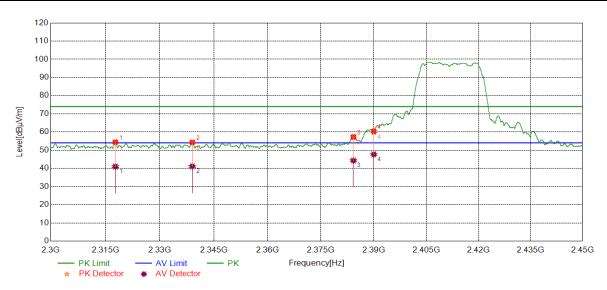
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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Test Mode	Channel	Polarization	Verdict	
11N HT20	LCH	Vertical	PASS	



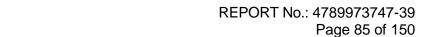
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2317.7210	42.10	12.34	54.44	74.00	-19.56	Vertical
2	2339.0049	41.79	12.58	54.37	74.00	-19.63	Vertical
3	2384.2168	44.30	13.06	57.36	74.00	-16.64	Vertical
4	2390.0000	47.31	13.07	60.38	74.00	-13.62	Vertical

AV Result:

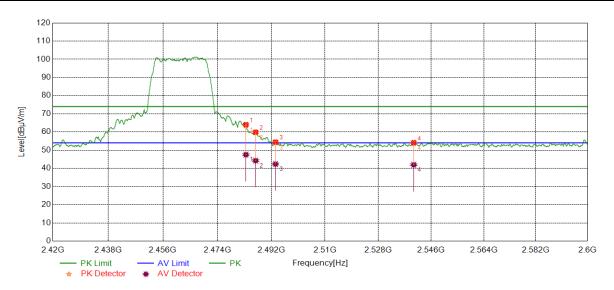
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark	
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]		
1	2317.7210	28.63	12.34	40.97	54.00	-13.03	Vertical	
2	2339.0049	28.55	12.58	41.13	54.00	-12.87	Vertical	
3	2384.2168	31.26	13.06	44.32	54.00	-9.68	Vertical	
4	2390.0000	34.64	13.07	47.71	54.00	-6.29	Vertical	

- 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



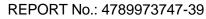
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	51.07	12.97	64.04	74.00	-9.96	Horizontal
2	2486.7433	46.92	12.98	59.90	74.00	-14.10	Horizontal
3	2493.3817	41.45	13.04	54.49	74.00	-19.51	Horizontal
4	2540.0300	40.75	13.42	54.17	74.00	-19.83	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	34.53	12.97	47.50	54.00	-6.50	Horizontal
2	2486.7433	31.26	12.98	44.24	54.00	-9.76	Horizontal
3	2493.3817	29.32	13.04	42.36	54.00	-11.64	Horizontal
4	2540.0300	28.54	13.42	41.96	54.00	-12.04	Horizontal

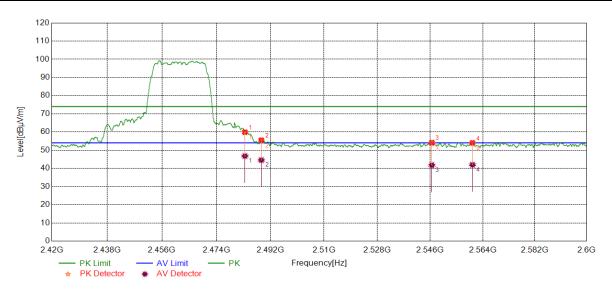
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



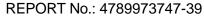
PK Result:

1 1 1 1 1 1 1 1 1 1 1	· · · · ·						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	46.97	12.97	59.94	74.00	-14.06	Vertical
2	2488.9711	42.57	12.99	55.56	74.00	-18.44	Vertical
3	2546.5558	40.86	13.37	54.23	74.00	-19.77	Vertical
4	2560.4626	40.70	13.42	54.12	74.00	-19.88	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	33.81	12.97	46.78	54.00	-7.22	Vertical
2	2488.9711	31.54	12.99	44.53	54.00	-9.47	Vertical
3	2546.5558	28.38	13.37	41.75	54.00	-12.25	Vertical
4	2560.4626	28.53	13.42	41.95	54.00	-12.05	Vertical

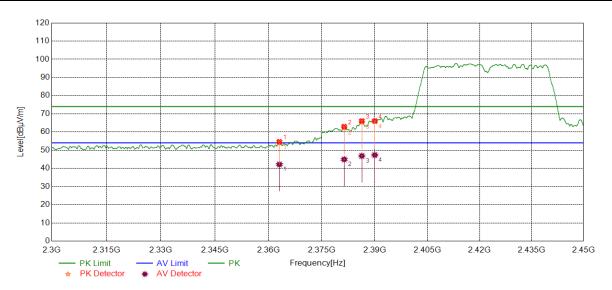
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



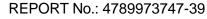
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2363.0641	41.83	12.82	54.65	74.00	-19.35	Horizontal
2	2381.3289	49.91	13.06	62.97	74.00	-11.03	Horizontal
3	2386.3170	52.98	13.06	66.04	74.00	-7.96	Horizontal
4	2390.0000	53.00	13.07	66.07	74.00	-7.93	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2363.0641	29.36	12.82	42.18	54.00	-11.82	Horizontal
2	2381.3289	31.86	13.06	44.92	54.00	-9.08	Horizontal
3	2386.3170	33.77	13.06	46.83	54.00	-7.17	Horizontal
4	2390.0000	34.25	13.07	47.32	54.00	-6.68	Horizontal

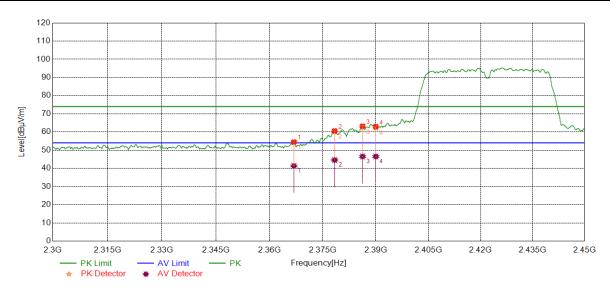
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



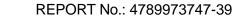
PK Result:

1 K Kesait.							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2366.8521	41.62	12.88	54.50	74.00	-19.50	Vertical
2	2378.3285	47.57	13.04	60.61	74.00	-13.39	Vertical
3	2386.2420	50.17	13.06	63.23	74.00	-10.77	Vertical
4	2390.0000	49.89	13.07	62.96	74.00	-11.04	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2366.8521	28.47	12.88	41.35	54.00	-12.65	Vertical
2	2378.3285	31.55	13.04	44.59	54.00	-9.41	Vertical
3	2386.2420	33.48	13.06	46.54	54.00	-7.46	Vertical
4	2390.0000	33.47	13.07	46.54	54.00	-7.46	Vertical

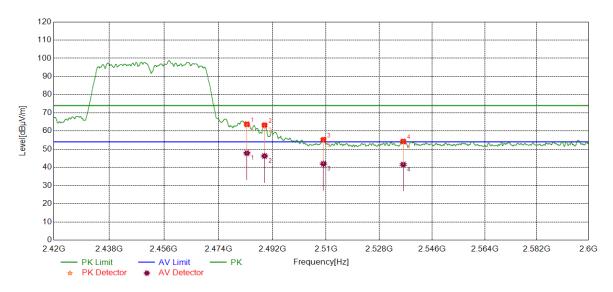
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



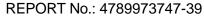
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	50.81	12.97	63.78	74.00	-10.22	Horizontal
2	2489.3762	50.26	12.99	63.25	74.00	-10.75	Horizontal
3	2509.1111	42.01	13.20	55.21	74.00	-18.79	Horizontal
4	2536.1145	40.89	13.42	54.31	74.00	-19.69	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	34.87	12.97	47.84	54.00	-6.16	Horizontal
2	2489.3762	33.25	12.99	46.24	54.00	-7.76	Horizontal
3	2509.1111	28.76	13.20	41.96	54.00	-12.04	Horizontal
4	2536.1145	28.12	13.42	41.54	54.00	-12.46	Horizontal

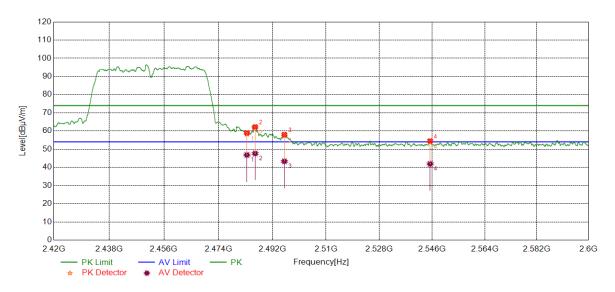
- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.);
- 3. Measurement = Reading Level + Correct Factor;
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





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Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



PK Result:

1 K KCSait.							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	46.01	12.97	58.98	74.00	-15.02	Vertical
2	2486.2483	49.28	12.98	62.26	74.00	-11.74	Vertical
3	2496.0145	44.97	13.08	58.05	74.00	-15.95	Vertical
4	2545.2957	41.13	13.38	54.51	74.00	-19.49	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	33.85	12.97	46.82	54.00	-7.18	Vertical
2	2486.2483	34.65	12.98	47.63	54.00	-6.37	Vertical
3	2496.0145	30.25	13.08	43.33	54.00	-10.67	Vertical
4	2545.2957	28.53	13.38	41.91	54.00	-12.09	Vertical

- 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.

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7.6.4. SPURIOUS EMISSIONS

TEST RESULTS TABLE

1) For 1GHz~18GHz

Test Mode	Channel Puw(dBm)		Verdict
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11G	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT20	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT40	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	HCH	<limit< td=""><td>PASS</td></limit<>	PASS

2) For 9KHz~30MHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	HCH	<limit< td=""><td>PASS</td></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< td=""><td>PASS</td></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< th=""><th>PASS</th></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.

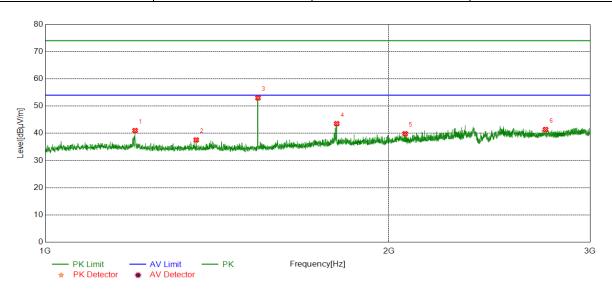


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Part I: 1GHz~3GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



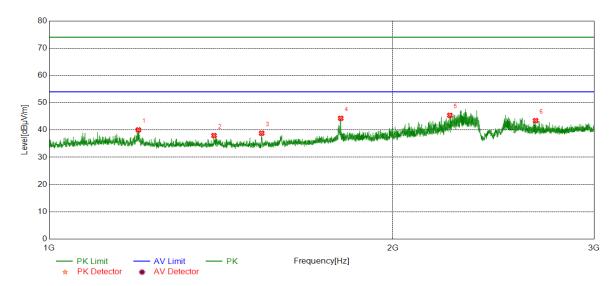
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1198.7748	46.56	-5.56	41.00	74.00	-33.00	Horizontal
2	1356.0445	43.09	-5.54	37.55	74.00	-36.45	Horizontal
3	1535.8170	58.74	-5.75	52.99	74.00	-21.01	Horizontal
4	1800.1000	47.37	-3.85	43.52	74.00	-30.48	Horizontal
5	2066.3833	42.60	-2.75	39.85	74.00	-34.15	Horizontal
6	2742.4678	41.84	-0.45	41.39	74.00	-32.61	Horizontal

- 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.



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Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



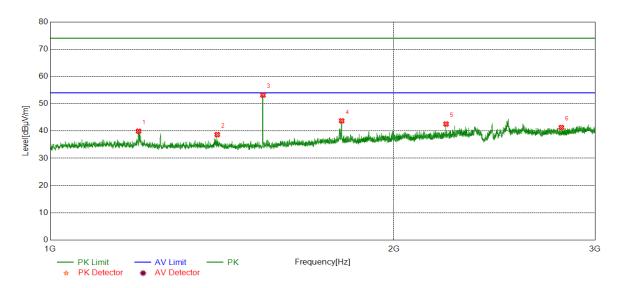
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1197.0246	45.60	-5.56	40.04	74.00	-33.96	Vertical
2	1394.2993	43.71	-5.73	37.98	74.00	-36.02	Vertical
3	1534.8169	44.57	-5.76	38.81	74.00	-35.19	Vertical
4	1800.1000	48.14	-3.85	44.29	74.00	-29.71	Vertical
5	2243.1554	47.60	-2.22	45.38	74.00	-28.62	Vertical
6	2666.4583	44.15	-0.71	43.44	74.00	-30.56	Vertical

- 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.



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Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



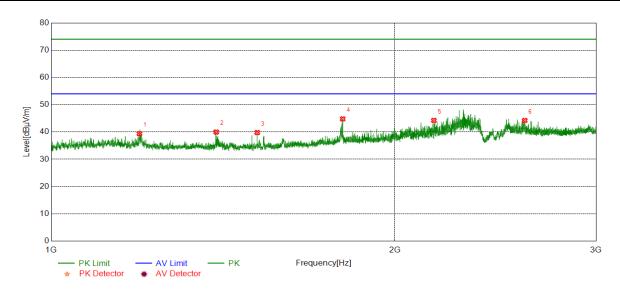
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1195.0244	45.51	-5.57	39.94	74.00	-34.06	Horizontal
2	1400.5501	44.32	-5.64	38.68	74.00	-35.32	Horizontal
3	1535.8170	58.92	-5.75	53.17	74.00	-20.83	Horizontal
4	1799.8500	47.56	-3.84	43.72	74.00	-30.28	Horizontal
5	2221.6527	44.76	-2.21	42.55	74.00	-31.45	Horizontal
6	2803.2254	41.55	-0.25	41.30	74.00	-32.70	Horizontal

- 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



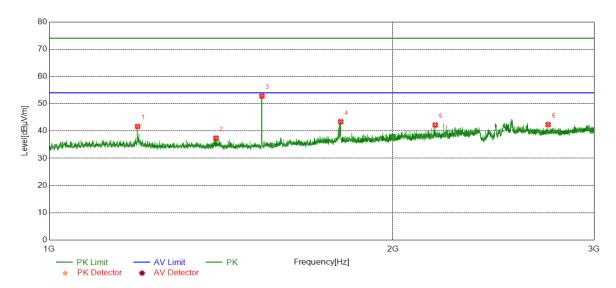
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1194.7743	44.95	-5.57	39.38	74.00	-34.62	Vertical
2	1394.7994	45.71	-5.72	39.99	74.00	-34.01	Vertical
3	1515.0644	45.36	-5.56	39.80	74.00	-34.20	Vertical
4	1799.8500	48.65	-3.84	44.81	74.00	-29.19	Vertical
5	2163.1454	46.72	-2.47	44.25	74.00	-29.75	Vertical
6	2598.1998	44.95	-0.73	44.22	74.00	-29.78	Vertical

- 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.



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Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS

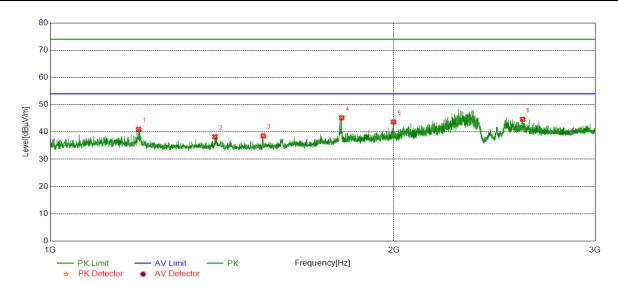


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1195.2744	47.22	-5.57	41.65	74.00	-32.35	Horizontal
2	1399.8000	43.07	-5.66	37.41	74.00	-36.59	Horizontal
3	1535.8170	58.57	-5.75	52.82	74.00	-21.18	Horizontal
4	1800.1000	47.27	-3.85	43.42	74.00	-30.58	Horizontal
5	2178.1473	44.51	-2.33	42.18	74.00	-31.82	Horizontal
6	2734.7168	42.85	-0.48	42.37	74.00	-31.63	Horizontal

- 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	Test Mode Channel		Verdict
11B	HCH	Vertical	PASS



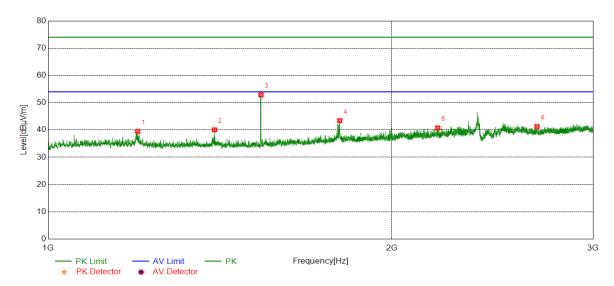
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1195.2744	46.58	-5.57	41.01	74.00	-32.99	Vertical
2	1394.2993	43.99	-5.73	38.26	74.00	-35.74	Vertical
3	1536.8171	44.33	-5.75	38.58	74.00	-35.42	Vertical
4	1800.1000	49.07	-3.85	45.22	74.00	-28.78	Vertical
5	1998.1248	46.69	-3.01	43.68	74.00	-30.32	Vertical
6	2592.6991	45.43	-0.75	44.68	74.00	-29.32	Vertical

- 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.



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Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



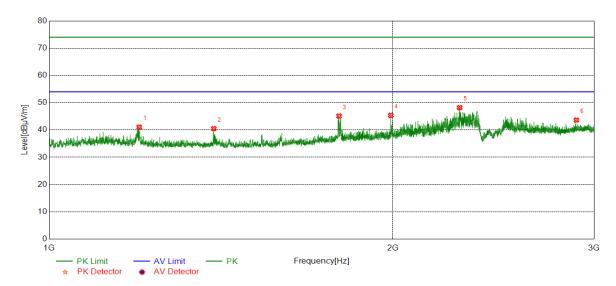
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1197.7747	45.06	-5.56	39.50	74.00	-34.50	Horizontal
2	1398.5498	45.73	-5.67	40.06	74.00	-33.94	Horizontal
3	1535.8170	58.66	-5.75	52.91	74.00	-21.09	Horizontal
4	1799.8500	47.28	-3.84	43.44	74.00	-30.56	Horizontal
5	2192.8991	43.08	-2.33	40.75	74.00	-33.25	Horizontal
6	2679.2099	41.94	-0.67	41.27	74.00	-32.73	Horizontal

- 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.



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Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS

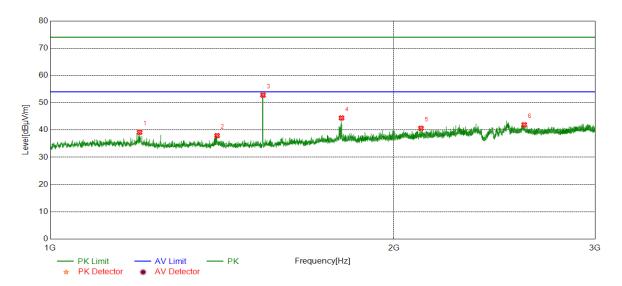


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1199.0249	46.62	-5.56	41.06	74.00	-32.94	Vertical
2	1393.5492	46.25	-5.74	40.51	74.00	-33.49	Vertical
3	1794.0993	48.90	-3.78	45.12	74.00	-28.88	Vertical
4	1991.1239	48.44	-3.08	45.36	74.00	-28.64	Vertical
5	2287.6610	50.13	-1.94	48.19	74.00	-25.81	Vertical
6	2894.9869	43.19	0.44	43.63	74.00	-30.37	Vertical

- 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	

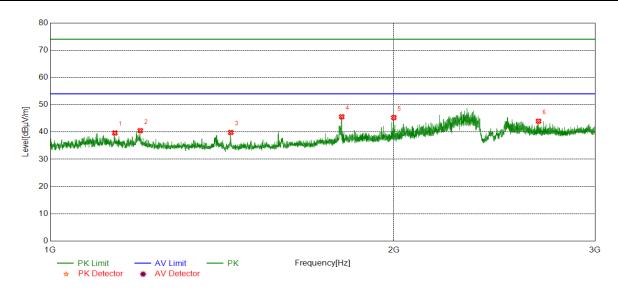


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1197.5247	44.72	-5.56	39.16	74.00	-34.84	Horizontal
2	1400.0500	43.58	-5.65	37.93	74.00	-36.07	Horizontal
3	1535.8170	58.55	-5.75	52.80	74.00	-21.20	Horizontal
4	1799.3499	48.26	-3.84	44.42	74.00	-29.58	Horizontal
5	2111.8890	43.16	-2.53	40.63	74.00	-33.37	Horizontal
6	2600.7001	42.61	-0.69	41.92	74.00	-32.08	Horizontal

- 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	1139.2674	45.17	-5.53	39.64	74.00	-34.36	Vertical
2	1199.2749	46.05	-5.56	40.49	74.00	-33.51	Vertical
3	1439.3049	45.64	-5.80	39.84	74.00	-34.16	Vertical
4	1800.1000	49.43	-3.85	45.58	74.00	-28.42	Vertical
5	1999.3749	48.29	-3.00	45.29	74.00	-28.71	Vertical
6	2676.9596	44.64	-0.68	43.96	74.00	-30.04	Vertical

- 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.