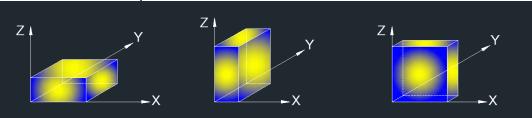




X axis, Y axis, Z axis positions:



Note: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the 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

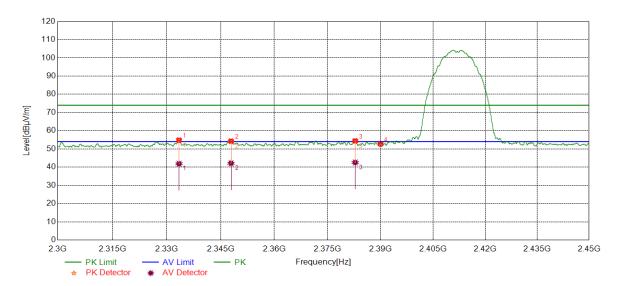
## **TEST RESULT TABLE**

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

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## **TEST GRAPHS**

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



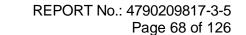
#### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2333.4167	42.32	12.51	54.83	74.00	-19.17	Horizontal
2	2347.8935	41.63	12.67	54.30	74.00	-19.70	Horizontal
3	2382.8291	41.33	13.06	54.39	74.00	-19.61	Horizontal
4	2390.0000	39.60	13.07	52.67	74.00	-21.33	Horizontal

#### AV Result:

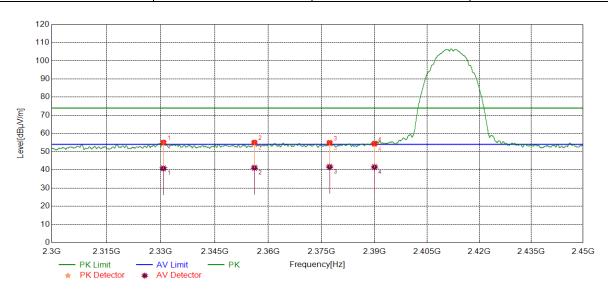
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2333.4167	29.37	12.51	41.88	54.00	-12.12	Horizontal
2	2347.8935	29.48	12.67	42.15	54.00	-11.85	Horizontal
3	2382.8291	29.51	13.06	42.57	54.00	-11.43	Horizontal

- 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



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2330.7538	42.55	12.48	55.03	74.00	-18.97	Vertical
2	2356.1070	42.32	12.74	55.06	74.00	-18.94	Vertical
3	2377.2784	41.91	13.03	54.94	74.00	-19.06	Vertical
4	2390.0000	41.38	13.07	54.45	74.00	-19.55	Vertical

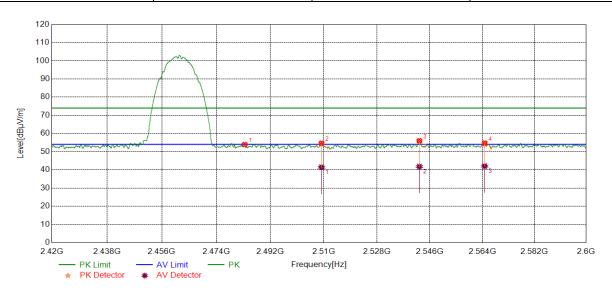
#### **AV Result:**

711 1100aiii							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2330.7538	28.35	12.48	40.83	54.00	-13.17	Vertical
2	2356.1070	28.41	12.74	41.15	54.00	-12.85	Vertical
3	2377.2784	28.62	13.03	41.65	54.00	-12.35	Vertical
4	2390.0000	28.48	13.07	41.55	54.00	-12.45	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



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	40.96	12.97	53.93	74.00	-20.07	Horizontal
2	2509.2237	41.44	13.20	54.64	74.00	-19.36	Horizontal
3	2542.4153	42.61	13.40	56.01	74.00	-17.99	Horizontal
4	2564.7831	41.31	13.43	54.74	74.00	-19.26	Horizontal

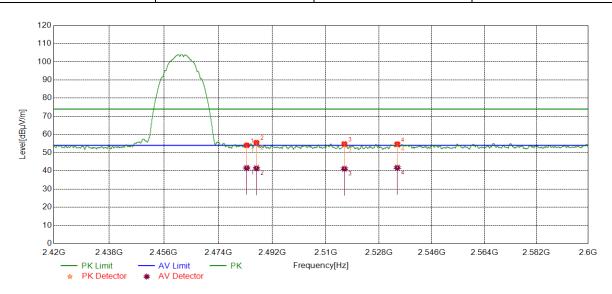
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2509.2237	28.27	13.20	41.47	54.00	-12.53	Horizontal
2	2542.4153	28.41	13.40	41.81	54.00	-12.19	Horizontal
3	2564.7831	28.63	13.43	42.06	54.00	-11.94	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	HCH	Vertical	PASS	



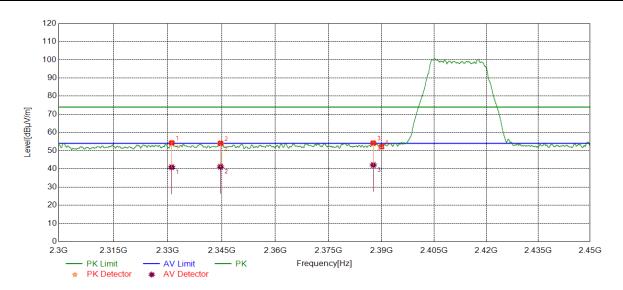
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	41.08	12.97	54.05	74.00	-19.95	Vertical
2	2486.7433	42.57	12.98	55.55	74.00	-18.45	Vertical
3	2516.2670	41.61	13.21	54.82	74.00	-19.18	Vertical
4	2534.2018	41.26	13.42	54.68	74.00	-19.32	Vertical

#### **AV Result:**

7.1 1.00 d.t.							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	28.62	12.97	41.59	54.00	-12.41	Vertical
2	2486.7433	28.49	12.98	41.47	54.00	-12.53	Vertical
3	2516.2670	27.96	13.21	41.17	54.00	-12.83	Vertical
4	2534.2018	28.33	13.42	41.75	54.00	-12.25	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	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2331.1101	41.77	12.49	54.26	74.00	-19.74	Horizontal
2	2344.6868	41.46	12.64	54.10	74.00	-19.90	Horizontal
3	2387.6672	41.15	13.07	54.22	74.00	-19.78	Horizontal
4	2390.0000	39.09	13.07	52.16	74.00	-21.84	Horizontal

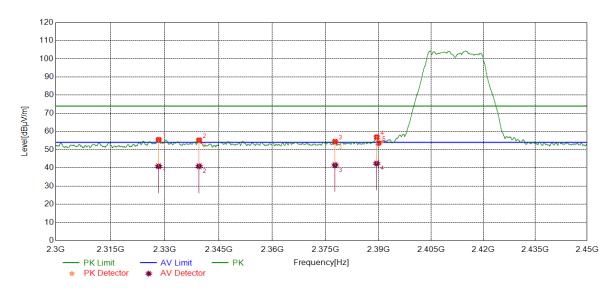
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2331.1101	28.42	12.49	40.91	54.00	-13.09	Horizontal
2	2344.6868	28.51	12.64	41.15	54.00	-12.85	Horizontal
3	2387.6672	29.04	13.07	42.11	54.00	-11.89	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



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2328.3160	43.07	12.45	55.52	74.00	-18.48	Vertical
2	2339.5487	42.63	12.59	55.22	74.00	-18.78	Vertical
3	2377.6910	41.42	13.03	54.45	74.00	-19.55	Vertical
4	2389.4862	43.80	13.07	56.87	74.00	-17.13	Vertical
5	2390.0000	40.57	13.07	53.64	74.00	-20.36	Vertical

## AV Result:

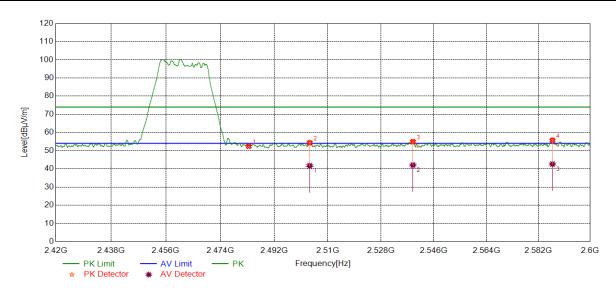
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2328.3160	28.42	12.45	40.87	54.00	-13.13	Vertical
2	2339.5487	28.34	12.59	40.93	54.00	-13.07	Vertical
3	2377.6910	28.51	13.03	41.54	54.00	-12.46	Vertical
4	2389.4862	29.32	13.07	42.39	54.00	-11.61	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	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	39.42	12.97	52.39	74.00	-21.61	Horizontal
2	2503.9130	41.14	13.17	54.31	74.00	-19.69	Horizontal
3	2538.8374	41.52	13.42	54.94	74.00	-19.06	Horizontal
4	2586.8359	42.17	13.51	55.68	74.00	-18.32	Horizontal

## AV Result:

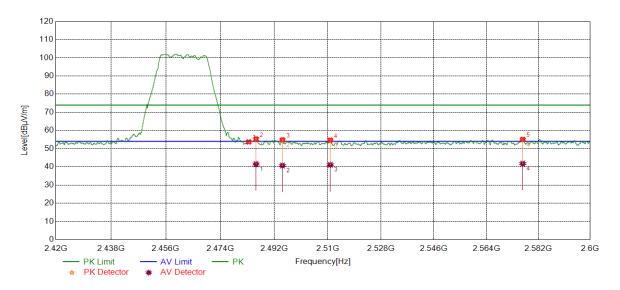
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2503.9130	28.56	13.17	41.73	54.00	-12.27	Horizontal
2	2538.8374	28.68	13.42	42.10	54.00	-11.90	Horizontal
3	2586.8359	29.12	13.51	42.63	54.00	-11.37	Horizontal

- 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
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	40.75	12.97	53.72	74.00	-20.28	Vertical
2	2485.9557	42.26	12.98	55.24	74.00	-18.76	Vertical
3	2494.7768	41.77	13.06	54.83	74.00	-19.17	Vertical
4	2510.8439	41.46	13.21	54.67	74.00	-19.33	Vertical
5	2576.5296	41.61	13.46	55.07	74.00	-18.93	Vertical

## AV Result:

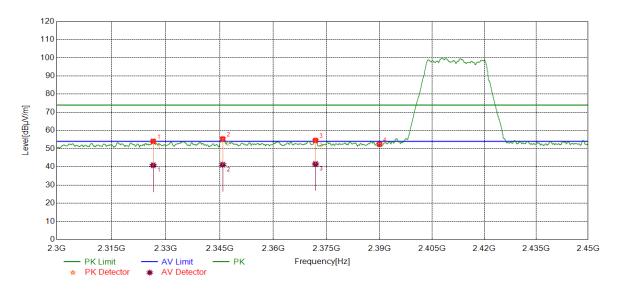
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2485.9557	28.56	12.98	41.54	54.00	-12.46	Vertical
2	2494.7768	27.68	13.06	40.74	54.00	-13.26	Vertical
3	2510.8439	27.92	13.21	41.13	54.00	-12.87	Vertical
4	2576.5296	28.34	13.46	41.80	54.00	-12.20	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	2326.5346	41.66	12.43	54.09	74.00	-19.91	Horizontal
2	2345.8495	42.69	12.65	55.34	74.00	-18.66	Horizontal
3	2371.8777	41.57	12.95	54.52	74.00	-19.48	Horizontal
4	2390.0000	39.32	13.07	52.39	74.00	-21.61	Horizontal

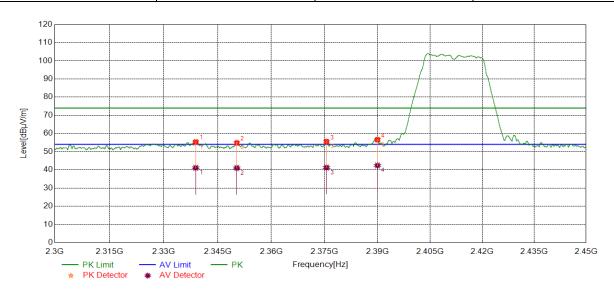
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2326.5346	28.47	12.43	40.90	54.00	-13.10	Horizontal
2	2345.8495	28.53	12.65	41.18	54.00	-12.82	Horizontal
3	2371.8777	28.65	12.95	41.60	54.00	-12.40	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	
11N HT20	LCH	Vertical	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2338.8924	42.76	12.58	55.34	74.00	-18.66	Vertical
2	2350.3500	42.07	12.69	54.76	74.00	-19.24	Vertical
3	2375.5532	42.54	13.00	55.54	74.00	-18.46	Vertical
4	2390.0000	43.51	13.07	56.58	74.00	-17.42	Vertical

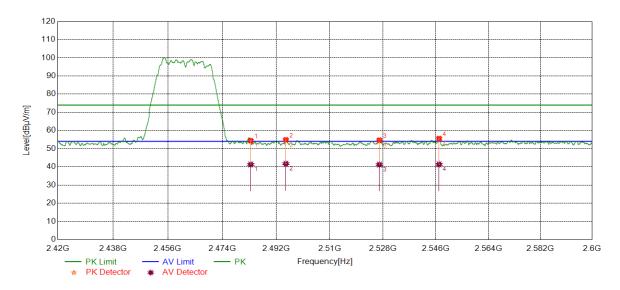
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2338.8924	28.54	12.58	41.12	54.00	-12.88	Vertical
2	2350.3500	28.36	12.69	41.05	54.00	-12.95	Vertical
3	2375.5532	28.27	13.00	41.27	54.00	-12.73	Vertical
4	2390.0000	29.36	13.07	42.43	54.00	-11.57	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	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	41.37	12.97	54.34	74.00	-19.66	Horizontal
2	2495.2494	41.79	13.07	54.86	74.00	-19.14	Horizontal
3	2526.7533	41.32	13.36	54.68	74.00	-19.32	Horizontal
4	2547.0959	42.18	13.37	55.55	74.00	-18.45	Horizontal

## AV Result:

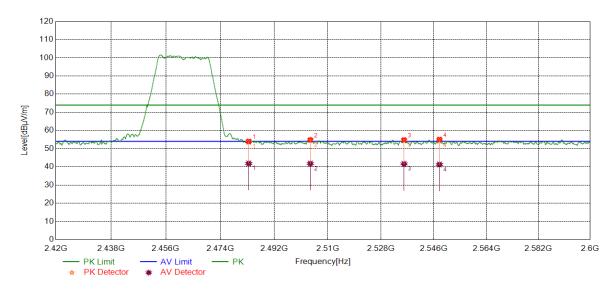
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	28.35	12.97	41.32	54.00	-12.68	Horizontal
2	2495.2494	28.64	13.07	41.71	54.00	-12.29	Horizontal
3	2526.7533	27.89	13.36	41.25	54.00	-12.75	Horizontal
4	2547.0959	28.02	13.37	41.39	54.00	-12.61	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:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	41.05	12.97	54.02	74.00	-19.98	Vertical
2	2504.1380	41.59	13.17	54.76	74.00	-19.24	Vertical
3	2535.8220	41.34	13.42	54.76	74.00	-19.24	Vertical
4	2547.9060	41.73	13.36	55.09	74.00	-18.91	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	28.89	12.97	41.86	54.00	-12.14	Vertical
2	2504.1380	28.65	13.17	41.82	54.00	-12.18	Vertical
3	2535.8220	28.21	13.42	41.63	54.00	-12.37	Vertical
4	2547.9060	27.95	13.36	41.31	54.00	-12.69	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

## 2) For 9KHz~30MHz

Test Mode	Channel	Puw(dBm)	Verdict	
11G	LCH	<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.

## 3) For 30MHz~1GHz

Test Mode	Channel	Puw(dBm)	Verdict	
11G	LCH	<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.

#### 4) For 18GHz~26.5GHz

Test Mode	Channel	Puw(dBm)	Verdict	
11G	LCH	<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.

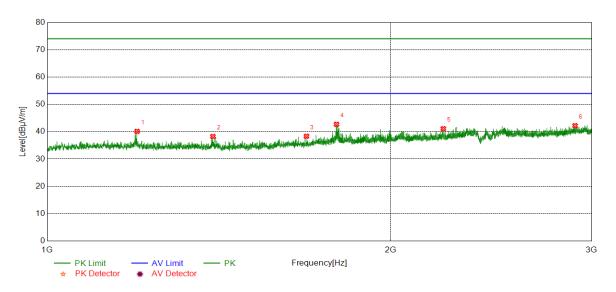


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## Part I: 1GHz~3GHz

## **HARMONICS AND SPURIOUS EMISSIONS**

Test Mode	Channel	Polarization	Verdict	
11B	LCH	Horizontal	PASS	

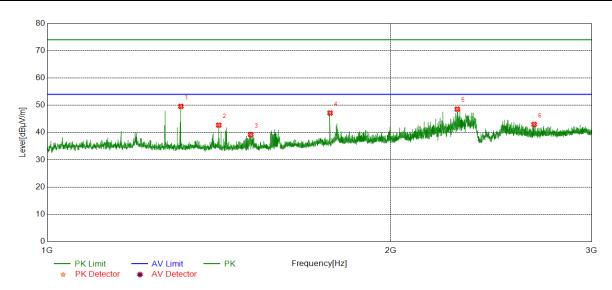


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1199.0000	45.69	-5.56	40.13	74.00	-33.87	Horizontal
2	1397.2500	43.95	-5.69	38.26	74.00	-35.74	Horizontal
3	1687.5000	43.12	-4.78	38.34	74.00	-35.66	Horizontal
4	1793.0000	46.48	-3.77	42.71	74.00	-31.29	Horizontal
5	2224.2500	43.30	-2.20	41.10	74.00	-32.90	Horizontal
6	2901.5000	41.86	0.35	42.21	74.00	-31.79	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	LCH	Vertical	PASS	



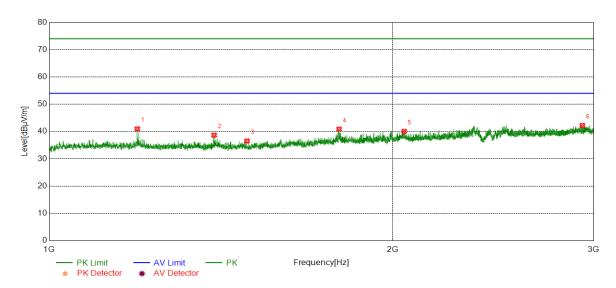
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1309.7500	54.96	-5.37	49.59	74.00	-24.41	Vertical
2	1413.7500	48.22	-5.52	42.70	74.00	-31.30	Vertical
3	1508.0000	44.92	-5.73	39.19	74.00	-34.81	Vertical
4	1770.0000	51.29	-4.15	47.14	74.00	-26.86	Vertical
5	2288.0000	50.50	-1.94	48.56	74.00	-25.44	Vertical
6	2671.5000	43.69	-0.72	42.97	74.00	-31.03	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	



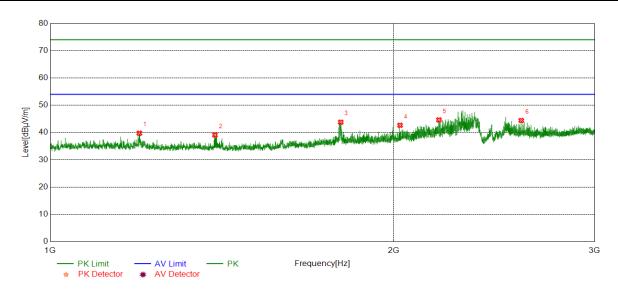
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1194.7500	46.52	-5.57	40.95	74.00	-33.05	Horizontal
2	1395.0000	44.37	-5.72	38.65	74.00	-35.35	Horizontal
3	1490.7500	42.31	-5.79	36.52	74.00	-37.48	Horizontal
4	1795.2500	44.65	-3.79	40.86	74.00	-33.14	Horizontal
5	2047.0000	42.41	-2.38	40.03	74.00	-33.97	Horizontal
6	2933.2500	41.72	0.49	42.21	74.00	-31.79	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	Test Mode Channel		Verdict
11B	MCH	Vertical	PASS



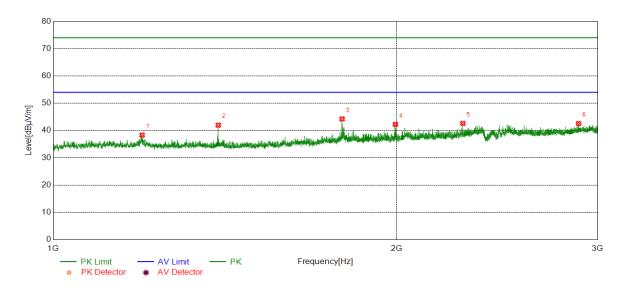
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1197.2500	45.30	-5.56	39.74	74.00	-34.26	Vertical
2	1394.5000	44.80	-5.72	39.08	74.00	-34.92	Vertical
3	1797.5000	47.60	-3.82	43.78	74.00	-30.22	Vertical
4	2026.0000	45.42	-2.77	42.65	74.00	-31.35	Vertical
5	2191.5000	46.94	-2.33	44.61	74.00	-29.39	Vertical
6	2587.5000	45.22	-0.82	44.40	74.00	-29.60	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	Test Mode Channel		Verdict
11B	HCH	Horizontal	PASS



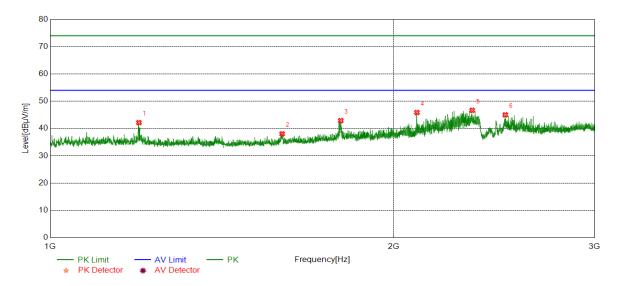
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1196.7500	43.89	-5.56	38.33	74.00	-35.67	Horizontal
2	1395.5000	47.67	-5.71	41.96	74.00	-32.04	Horizontal
3	1791.5000	47.98	-3.75	44.23	74.00	-29.77	Horizontal
4	1995.0000	45.29	-3.04	42.25	74.00	-31.75	Horizontal
5	2285.7500	44.54	-1.94	42.60	74.00	-31.40	Horizontal
6	2887.0000	42.07	0.47	42.54	74.00	-31.46	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	HCH	Vertical	PASS



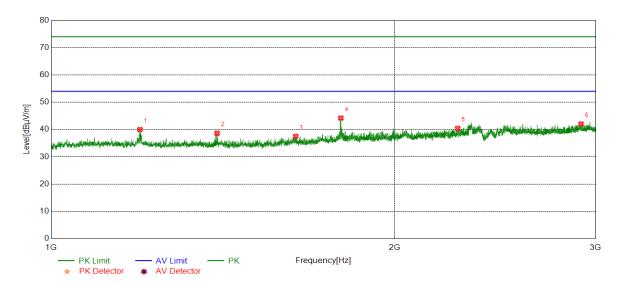
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1196.2500	47.71	-5.56	42.15	74.00	-31.85	Vertical
2	1597.0000	43.15	-5.11	38.04	74.00	-35.96	Vertical
3	1797.5000	46.71	-3.82	42.89	74.00	-31.11	Vertical
4	2096.2500	48.40	-2.54	45.86	74.00	-28.14	Vertical
5	2343.5000	48.43	-1.76	46.67	74.00	-27.33	Vertical
6	2505.5000	45.40	-0.41	44.99	74.00	-29.01	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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ſ	Test Mode	Channel	Polarization	Verdict	
ſ	11G	LCH	Horizontal	PASS	



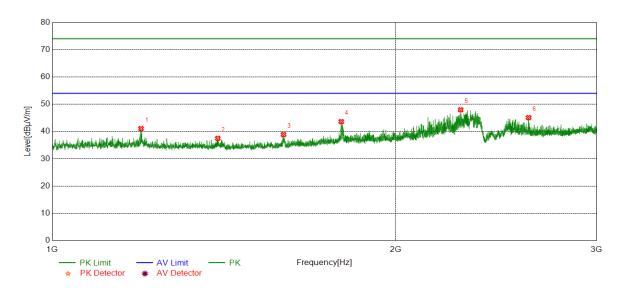
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1196.2500	45.54	-5.56	39.98	74.00	-34.02	Horizontal
2	1397.7500	44.29	-5.68	38.61	74.00	-35.39	Horizontal
3	1638.0000	42.54	-5.06	37.48	74.00	-36.52	Horizontal
4	1794.2500	47.98	-3.78	44.20	74.00	-29.80	Horizontal
5	2271.0000	42.47	-2.09	40.38	74.00	-33.62	Horizontal
6	2913.0000	41.51	0.50	42.01	74.00	-31.99	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			Verdict	
11G	11G LCH		PASS	



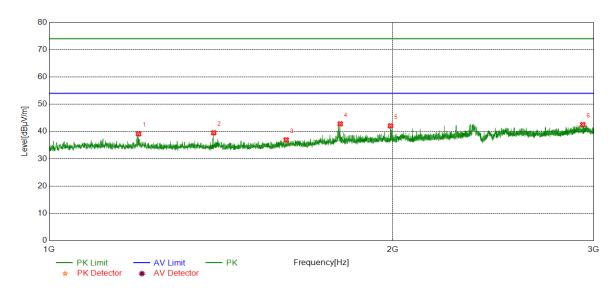
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1196.5000	46.61	-5.56	41.05	74.00	-32.95	Vertical
2	1397.0000	43.16	-5.69	37.47	74.00	-36.53	Vertical
3	1595.0000	43.94	-5.06	38.88	74.00	-35.12	Vertical
4	1792.2500	47.38	-3.76	43.62	74.00	-30.38	Vertical
5	2280.2500	49.90	-1.94	47.96	74.00	-26.04	Vertical
6	2615.5000	45.31	-0.22	45.09	74.00	-28.91	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	MCH	Horizontal	PASS	



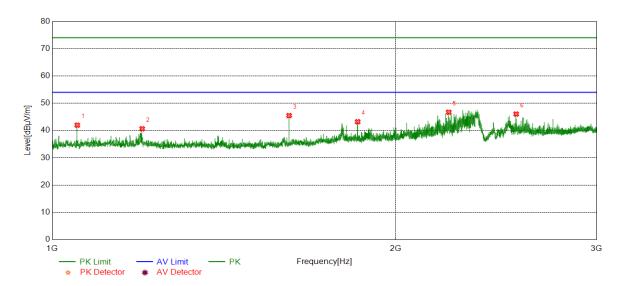
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1197.7500	44.69	-5.56	39.13	74.00	-34.87	Horizontal
2	1393.7500	45.24	-5.73	39.51	74.00	-34.49	Horizontal
3	1613.5000	42.22	-5.27	36.95	74.00	-37.05	Horizontal
4	1799.5000	46.66	-3.84	42.82	74.00	-31.18	Horizontal
5	1991.5000	45.14	-3.07	42.07	74.00	-31.93	Horizontal
6	2935.2500	42.05	0.47	42.52	74.00	-31.48	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	Test Mode Channel		Verdict
11G	MCH	Vertical	PASS



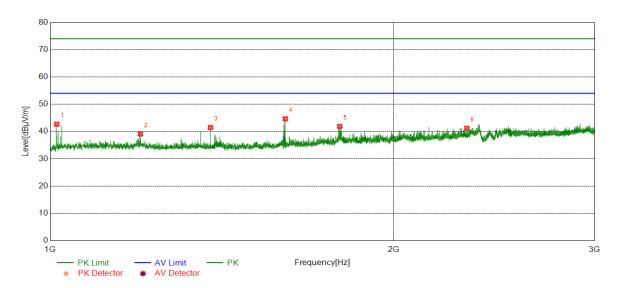
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1052.0000	47.59	-5.64	41.95	74.00	-32.05	Vertical
2	1199.2500	46.19	-5.56	40.63	74.00	-33.37	Vertical
3	1613.0000	50.76	-5.29	45.47	74.00	-28.53	Vertical
4	1852.5000	46.90	-3.69	43.21	74.00	-30.79	Vertical
5	2226.2500	48.88	-2.19	46.69	74.00	-27.31	Vertical
6	2550.7500	47.01	-0.98	46.03	74.00	-27.97	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	Test Mode Channel		Verdict
11G	HCH	Horizontal	PASS

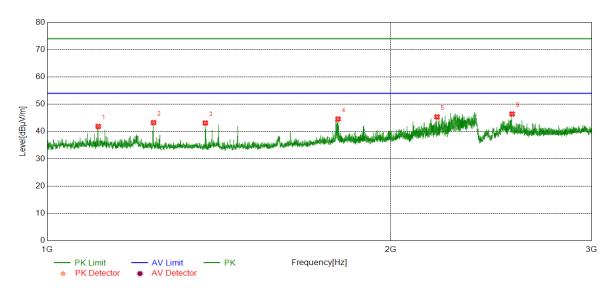


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1013.2500	48.14	-5.47	42.67	74.00	-31.33	Horizontal
2	1199.7500	44.59	-5.56	39.03	74.00	-34.97	Horizontal
3	1382.0000	47.22	-5.75	41.47	74.00	-32.53	Horizontal
4	1607.2500	50.00	-5.34	44.66	74.00	-29.34	Horizontal
5	1793.5000	45.64	-3.77	41.87	74.00	-32.13	Horizontal
6	2318.2500	42.86	-1.66	41.20	74.00	-32.80	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			PASS	



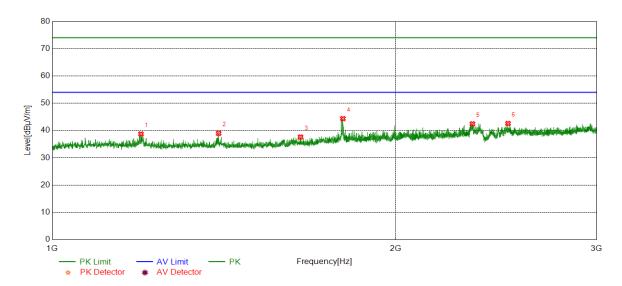
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1108.5000	47.36	-5.51	41.85	74.00	-32.15	Vertical
2	1239.5000	48.84	-5.58	43.26	74.00	-30.74	Vertical
3	1376.0000	48.87	-5.75	43.12	74.00	-30.88	Vertical
4	1798.5000	48.40	-3.83	44.57	74.00	-29.43	Vertical
5	2196.0000	47.68	-2.33	45.35	74.00	-28.65	Vertical
6	2555.5000	47.41	-0.98	46.43	74.00	-27.57	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
11N HT20	LCH	Horizontal	PASS



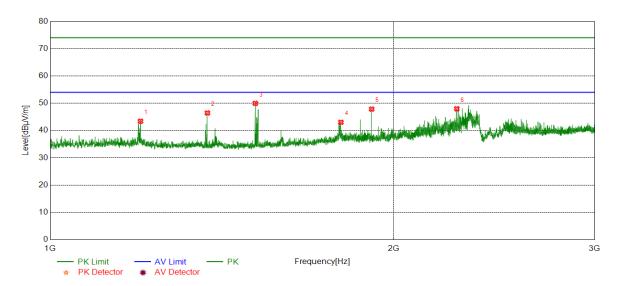
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1196.2500	44.26	-5.56	38.70	74.00	-35.30	Horizontal
2	1399.2500	44.61	-5.66	38.95	74.00	-35.05	Horizontal
3	1650.7500	42.57	-4.97	37.60	74.00	-36.40	Horizontal
4	1798.0000	48.17	-3.82	44.35	74.00	-29.65	Horizontal
5	2335.2500	44.26	-1.82	42.44	74.00	-31.56	Horizontal
6	2509.0000	42.96	-0.39	42.57	74.00	-31.43	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
11N HT20	LCH	Vertical	PASS



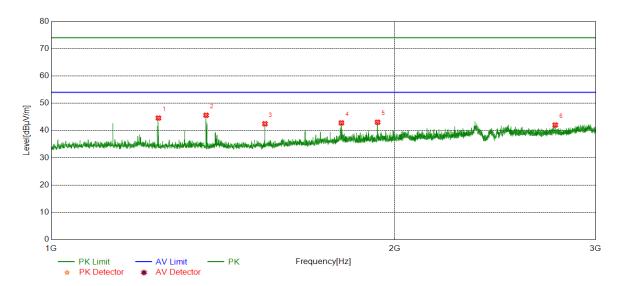
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1200.0000	48.96	-5.56	43.40	74.00	-30.60	Vertical
2	1373.5000	52.16	-5.74	46.42	74.00	-27.58	Vertical
3	1513.0000	55.55	-5.60	49.95	74.00	-24.05	Vertical
4	1798.0000	46.84	-3.82	43.02	74.00	-30.98	Vertical
5	1913.2500	51.13	-3.29	47.84	74.00	-26.16	Vertical
6	2271.7500	50.02	-2.08	47.94	74.00	-26.06	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	Test Mode Channel		Verdict
11N HT20	MCH	Horizontal	PASS



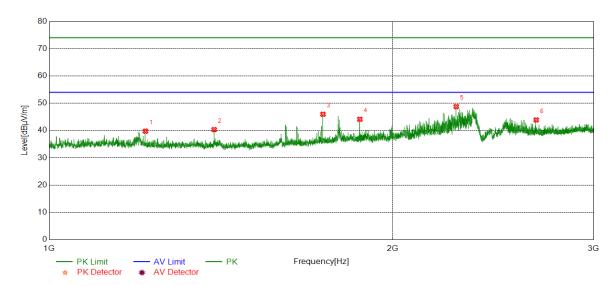
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1241.7500	50.16	-5.59	44.57	74.00	-29.43	Horizontal
2	1367.0000	51.31	-5.72	45.59	74.00	-28.41	Horizontal
3	1539.5000	48.20	-5.73	42.47	74.00	-31.53	Horizontal
4	1796.2500	46.60	-3.80	42.80	74.00	-31.20	Horizontal
5	1932.2500	45.99	-2.96	43.03	74.00	-30.97	Horizontal
6	2765.5000	42.26	-0.24	42.02	74.00	-31.98	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
11N HT20	MCH	Vertical	PASS



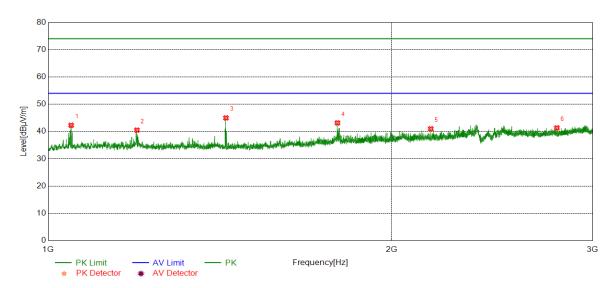
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1214.5000	45.24	-5.49	39.75	74.00	-34.25	Vertical
2	1395.2500	46.04	-5.71	40.33	74.00	-33.67	Vertical
3	1737.7500	50.44	-4.49	45.95	74.00	-28.05	Vertical
4	1872.0000	47.75	-3.65	44.10	74.00	-29.90	Vertical
5	2274.0000	50.79	-2.04	48.75	74.00	-25.25	Vertical
6	2672.0000	44.59	-0.72	43.87	74.00	-30.13	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
11N HT20	HCH	Horizontal	PASS



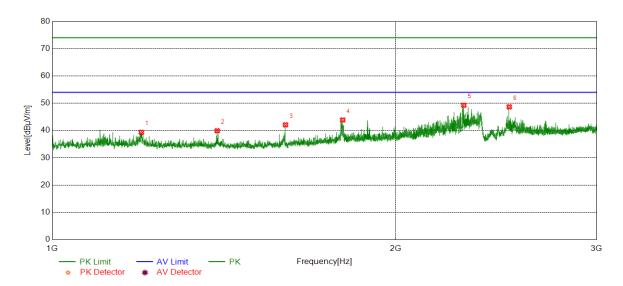
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1047.5000	47.86	-5.58	42.28	74.00	-31.72	Horizontal
2	1196.2500	46.06	-5.56	40.50	74.00	-33.50	Horizontal
3	1431.5000	50.76	-5.78	44.98	74.00	-29.02	Horizontal
4	1792.7500	46.92	-3.77	43.15	74.00	-30.85	Horizontal
5	2164.2500	43.42	-2.44	40.98	74.00	-33.02	Horizontal
6	2791.2500	41.63	-0.32	41.31	74.00	-32.69	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
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1197.2500	44.89	-5.56	39.33	74.00	-34.67	Vertical
2	1395.2500	45.60	-5.71	39.89	74.00	-34.11	Vertical
3	1601.5000	47.29	-5.22	42.07	74.00	-31.93	Vertical
4	1797.2500	47.68	-3.82	43.86	74.00	-30.14	Vertical
5	2294.7500	51.16	-1.90	49.26	74.00	-24.74	Vertical
6	2515.2500	49.03	-0.35	48.68	74.00	-25.32	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.

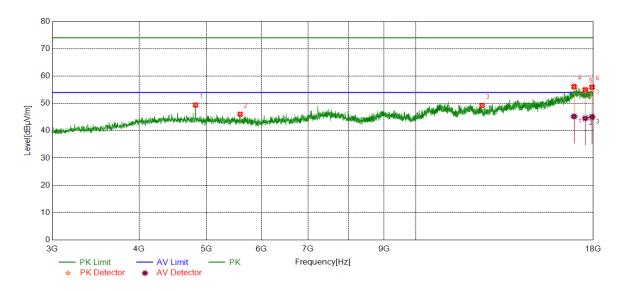


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## Part II: 3GHz~18GHz

## **HARMONICS AND SPURIOUS EMISSIONS**

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	4822.7278	44.04	5.35	49.39	74.00	-24.61	Horizontal
2	5591.5739	40.61	5.42	46.03	74.00	-27.97	Horizontal
3	12454.9319	37.75	11.49	49.24	74.00	-24.76	Horizontal
4	16889.8612	38.32	17.79	56.11	74.00	-17.89	Horizontal
5	17531.1914	37.13	17.86	54.99	74.00	-19.01	Horizontal
6	17924.9906	38.00	17.96	55.96	74.00	-18.04	Horizontal

#### AV Result:

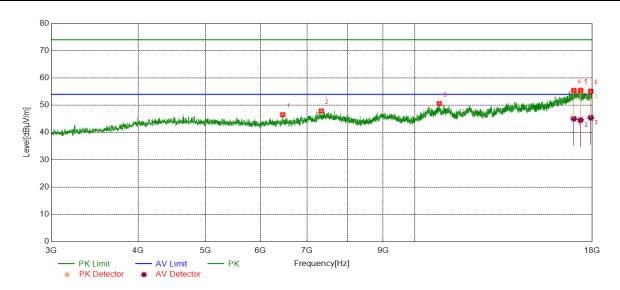
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16889.8612	27.43	17.79	45.22	54.00	-8.78	Horizontal
2	17531.1914	26.70	17.86	44.56	54.00	-9.44	Horizontal
3	17924.9906	27.08	17.96	45.04	54.00	-8.96	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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



### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	6459.8075	39.17	7.38	46.55	74.00	-27.45	Vertical
2	7339.2924	39.32	8.58	47.90	74.00	-26.10	Vertical
3	10845.9807	38.29	12.32	50.61	74.00	-23.39	Vertical
4	16934.8669	37.01	18.41	55.42	74.00	-18.58	Vertical
5	17319.2899	37.64	17.80	55.44	74.00	-18.56	Vertical
6	17908.1135	36.82	18.30	55.12	74.00	-18.88	Vertical

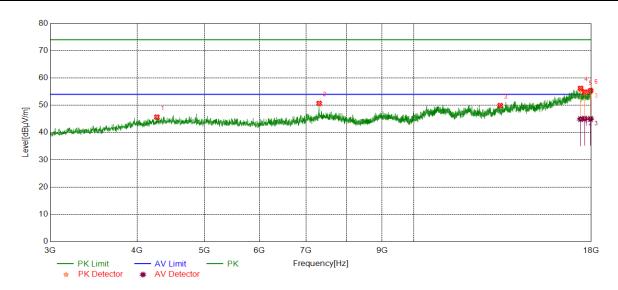
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16934.8669	26.61	18.41	45.02	54.00	-8.98	Vertical
2	17319.2899	26.75	17.80	44.55	54.00	-9.45	Vertical
3	17908.1135	27.10	18.30	45.40	54.00	-8.60	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	4271.4089	40.25	5.40	45.65	74.00	-28.35	Horizontal
2	7311.1639	42.23	8.44	50.67	74.00	-23.33	Horizontal
3	13311.9140	37.32	12.58	49.90	74.00	-24.10	Horizontal
4	17371.7965	37.69	18.52	56.21	74.00	-17.79	Horizontal
5	17617.4522	37.18	17.68	54.86	74.00	-19.14	Horizontal
6	17954.9944	36.85	18.52	55.37	74.00	-18.63	Horizontal

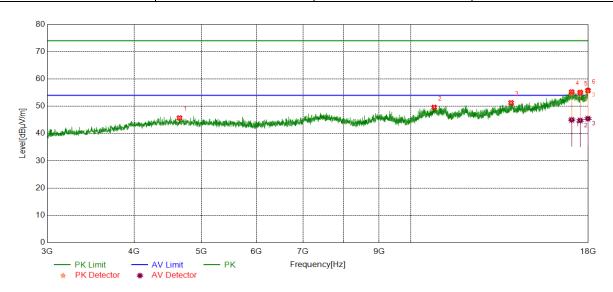
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17371.7965	26.40	18.52	44.92	54.00	-9.08	Horizontal
2	17617.4522	27.39	17.68	45.07	54.00	-8.93	Horizontal
3	17954.9944	26.49	18.52	45.01	54.00	-8.99	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	4650.2063	40.16	5.54	45.70	74.00	-28.30	Vertical
2	10804.7256	37.47	12.12	49.59	74.00	-24.41	Vertical
3	13941.9927	36.90	14.36	51.26	74.00	-22.74	Vertical
4	17038.0048	36.32	18.92	55.24	74.00	-18.76	Vertical
5	17527.4409	37.21	17.87	55.08	74.00	-18.92	Vertical
6	17979.3724	37.68	18.09	55.77	74.00	-18.23	Vertical

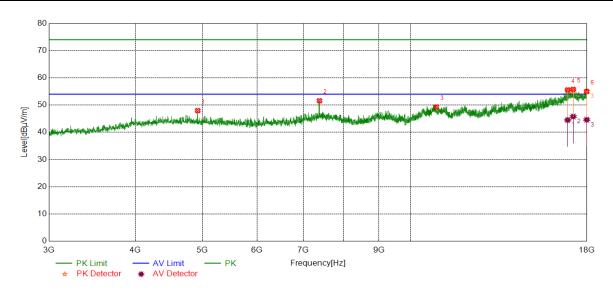
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17038.0048	26.09	18.92	45.01	54.00	-8.99	Vertical
2	17527.4409	26.92	17.87	44.79	54.00	-9.21	Vertical
3	17979.3724	27.36	18.09	45.45	54.00	-8.55	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	4923.9905	42.78	5.18	47.96	74.00	-26.04	Horizontal
2	7386.1733	42.98	8.59	51.57	74.00	-22.43	Horizontal
3	10900.3625	37.09	12.24	49.33	74.00	-24.67	Horizontal
4	16878.6098	37.84	17.74	55.58	74.00	-18.42	Horizontal
5	17193.6492	37.54	18.24	55.78	74.00	-18.22	Horizontal
6	17983.1229	37.06	17.92	54.98	74.00	-19.02	Horizontal

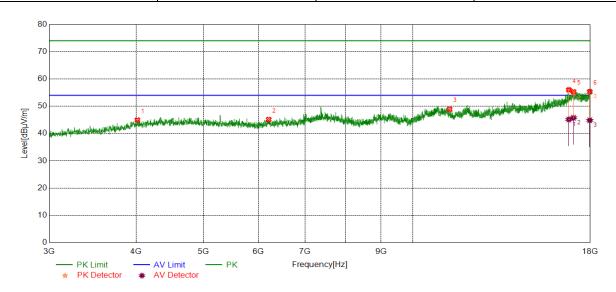
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16878.6098	26.76	17.74	44.50	54.00	-9.50	Horizontal
2	17193.6492	27.55	18.24	45.79	54.00	-8.21	Horizontal
3	17983.1229	26.68	17.92	44.60	54.00	-9.40	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	4018.2523	40.45	4.49	44.94	74.00	-29.06	Vertical
2	6206.6508	39.11	6.04	45.15	74.00	-28.85	Vertical
3	11296.0370	37.26	11.65	48.91	74.00	-25.09	Vertical
4	16767.9710	38.52	17.47	55.99	74.00	-18.01	Vertical
5	17026.7533	36.49	18.81	55.30	74.00	-18.70	Vertical
6	17969.9963	37.67	17.66	55.33	74.00	-18.67	Vertical

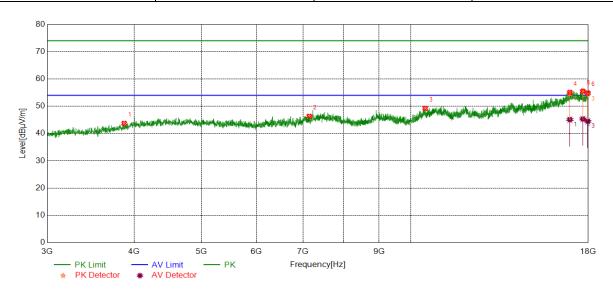
## AV Result:

717 11000111								
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark	
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]		
1	16767.9710	27.67	17.47	45.14	54.00	-8.86	Vertical	
2	17026.7533	26.93	18.81	45.74	54.00	-8.26	Vertical	
3	17969.9963	27.18	17.66	44.84	54.00	-9.16	Vertical	

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	3871.9840	40.32	3.38	43.70	74.00	-30.30	Horizontal
2	7148.0185	37.71	8.60	46.31	74.00	-27.69	Horizontal
3	10491.5614	37.55	11.66	49.21	74.00	-24.79	Horizontal
4	16934.8669	36.66	18.41	55.07	74.00	-18.93	Horizontal
5	17679.3349	37.52	17.95	55.47	74.00	-18.53	Horizontal
6	17971.8715	37.06	17.75	54.81	74.00	-19.19	Horizontal

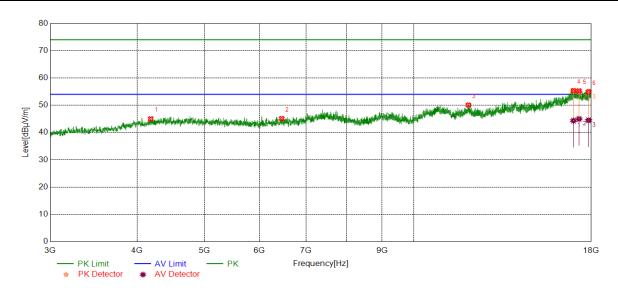
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16934.8669	26.68	18.41	45.09	54.00	-8.91	Horizontal
2	17679.3349	27.38	17.95	45.33	54.00	-8.67	Horizontal
3	17971.8715	26.73	17.75	44.48	54.00	-9.52	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	4185.1481	40.51	4.50	45.01	74.00	-28.99	Vertical
2	6457.9322	37.76	7.34	45.10	74.00	-28.90	Vertical
3	11984.2480	37.21	12.84	50.05	74.00	-23.95	Vertical
4	16970.4963	36.90	18.46	55.36	74.00	-18.64	Vertical
5	17283.6605	37.58	17.69	55.27	74.00	-18.73	Vertical
6	17836.8546	36.83	18.10	54.93	74.00	-19.07	Vertical

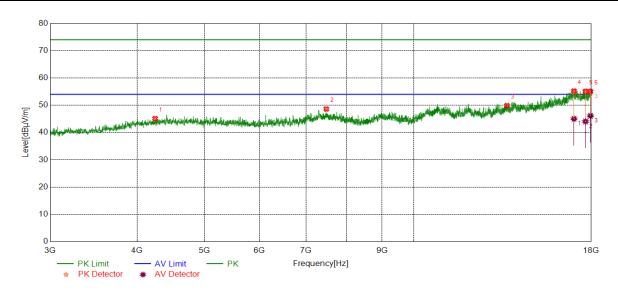
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16970.4963	25.87	18.46	44.33	54.00	-9.67	Vertical
2	17283.6605	27.30	17.69	44.99	54.00	-9.01	Vertical
3	17836.8546	26.40	18.10	44.50	54.00	-9.50	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	4247.0309	40.28	4.84	45.12	74.00	-28.88	Horizontal
2	7485.5607	39.92	8.70	48.62	74.00	-25.38	Horizontal
3	13613.8267	36.92	12.96	49.88	74.00	-24.12	Horizontal
4	16998.6248	36.60	18.61	55.21	74.00	-18.79	Horizontal
5	17660.5826	37.79	17.29	55.08	74.00	-18.92	Horizontal
6	17949.3687	36.50	18.55	55.05	74.00	-18.95	Horizontal

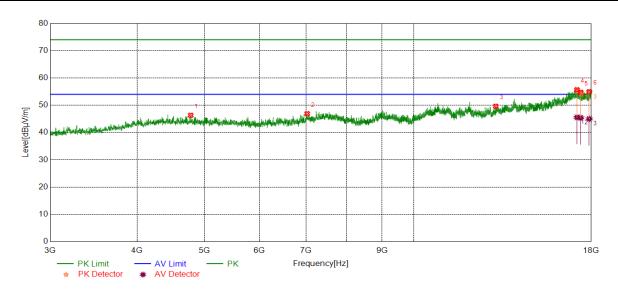
## AV Result:

7.7 7.000.0								
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark	
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]		
1	16998.6248	26.40	18.61	45.01	54.00	-8.99	Horizontal	
2	17660.5826	26.75	17.29	44.04	54.00	-9.96	Horizontal	
3	17949.3687	27.56	18.55	46.11	54.00	-7.89	Horizontal	

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	4777.7222	40.68	5.63	46.31	74.00	-27.69	Vertical
2	7026.1283	38.70	8.21	46.91	74.00	-27.09	Vertical
3	13120.6401	37.31	12.30	49.61	74.00	-24.39	Vertical
4	17169.2712	37.31	18.36	55.67	74.00	-18.33	Vertical
5	17383.0479	36.38	18.35	54.73	74.00	-19.27	Vertical
6	17879.9850	36.80	18.15	54.95	74.00	-19.05	Vertical

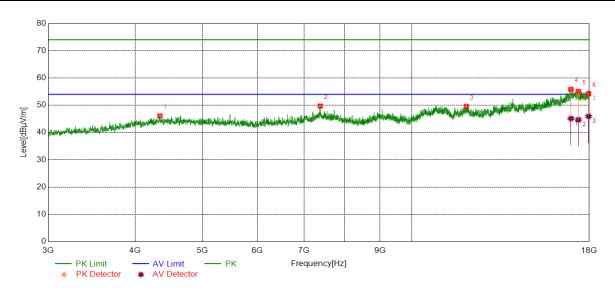
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17169.2712	27.19	18.36	45.55	54.00	-8.45	Vertical
2	17383.0479	27.03	18.35	45.38	54.00	-8.62	Vertical
3	17879.9850	26.85	18.15	45.00	54.00	-9.00	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	HCH	Horizontal	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4342.6678	40.74	5.34	46.08	74.00	-27.92	Horizontal
2	7388.0485	41.14	8.59	49.73	74.00	-24.27	Horizontal
3	11982.3728	36.74	12.83	49.57	74.00	-24.43	Horizontal
4	16940.4926	37.38	18.46	55.84	74.00	-18.16	Horizontal
5	17364.2955	36.86	18.21	55.07	74.00	-18.93	Horizontal
6	17958.7448	35.73	18.48	54.21	74.00	-19.79	Horizontal

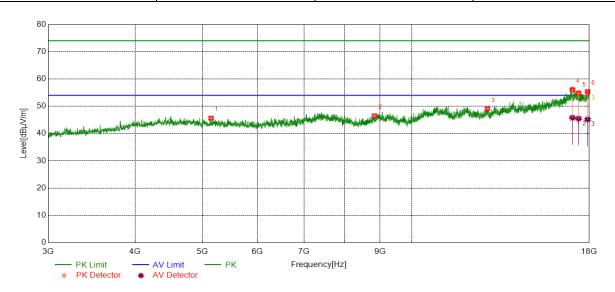
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark		
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]			
1	16940.4926	26.66	18.46	45.12	54.00	-8.88	Horizontal		
2	17364.2955	26.46	18.21	44.67	54.00	-9.33	Horizontal		
3	17958.7448	27.46	18.48	45.94	54.00	-8.06	Horizontal		

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	HCH	Vertical	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5145.2682	40.24	5.36	45.60	74.00	-28.40	Vertical
2	8837.6047	38.20	8.27	46.47	74.00	-27.53	Vertical
3	12848.7311	37.39	11.66	49.05	74.00	-24.95	Vertical
4	17024.8781	37.38	18.68	56.06	74.00	-17.94	Vertical
5	17377.4222	36.17	18.58	54.75	74.00	-19.25	Vertical
6	17900.6126	36.95	18.40	55.35	74.00	-18.65	Vertical

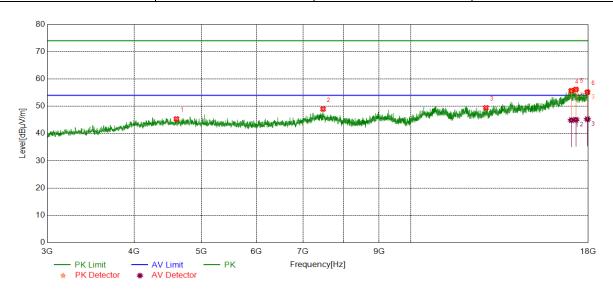
## AV Result:

717 11000111							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17024.8781	27.10	18.68	45.78	54.00	-8.22	Vertical
2	17377.4222	26.88	18.58	45.46	54.00	-8.54	Vertical
3	17900.6126	26.77	18.40	45.17	54.00	-8.83	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4603.3254	39.91	5.45	45.36	74.00	-28.64	Horizontal
2	7479.9350	40.12	8.84	48.96	74.00	-25.04	Horizontal
3	12824.3530	37.68	11.75	49.43	74.00	-24.57	Horizontal
4	17015.5019	37.28	18.42	55.70	74.00	-18.30	Horizontal
5	17278.0348	38.62	17.55	56.17	74.00	-17.83	Horizontal
6	17947.4934	36.67	18.50	55.17	74.00	-18.83	Horizontal

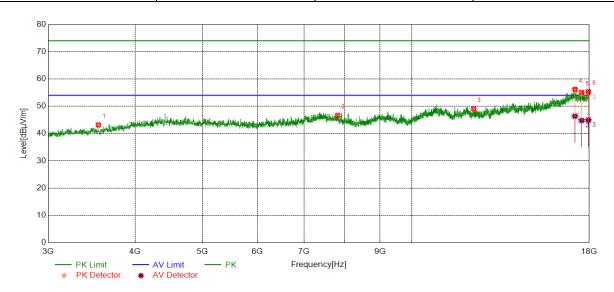
## AV Result:

7. ( ) ( ) ( ) ( ) ( )							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17015.5019	26.47	18.42	44.89	54.00	-9.11	Horizontal
2	17278.0348	27.48	17.55	45.03	54.00	-8.97	Horizontal
3	17947.4934	26.75	18.50	45.25	54.00	-8.75	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	3543.8180	41.34	1.80	43.14	74.00	-30.86	Vertical
2	7824.9781	38.66	8.00	46.66	74.00	-27.34	Vertical
3	12278.6598	37.05	11.91	48.96	74.00	-25.04	Vertical
4	17169.2712	37.79	18.36	56.15	74.00	-17.85	Vertical
5	17549.9437	36.99	18.08	55.07	74.00	-18.93	Vertical
6	17947.4934	36.86	18.50	55.36	74.00	-18.64	Vertical

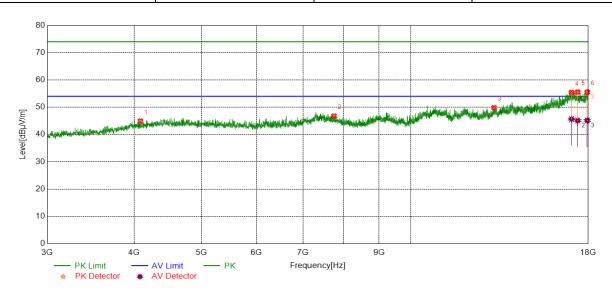
## AV Result:

7 (							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17169.2712	28.00	18.36	46.36	54.00	-7.64	Vertical
2	17549.9437	26.71	18.08	44.79	54.00	-9.21	Vertical
3	17947.4934	26.42	18.50	44.92	54.00	-9.08	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4085.7607	40.71	4.22	44.93	74.00	-29.07	Horizontal
2	7755.5944	38.59	8.19	46.78	74.00	-27.22	Horizontal
3	13176.8971	37.34	12.50	49.84	74.00	-24.16	Horizontal
4	17030.5038	36.39	19.03	55.42	74.00	-18.58	Horizontal
5	17381.1726	37.03	18.51	55.54	74.00	-18.46	Horizontal
6	17939.9925	37.26	18.27	55.53	74.00	-18.47	Horizontal

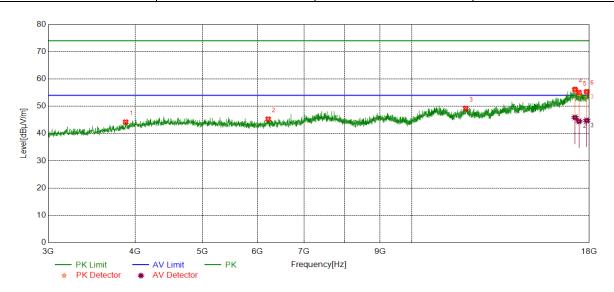
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17030.5038	26.64	19.03	45.67	54.00	-8.33	Horizontal
2	17381.1726	26.61	18.51	45.12	54.00	-8.88	Horizontal
3	17939.9925	26.87	18.27	45.14	54.00	-8.86	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	3877.6097	40.76	3.44	44.20	74.00	-29.80	Vertical
2	6216.0270	39.25	6.03	45.28	74.00	-28.72	Vertical
3	11957.9947	36.64	12.55	49.19	74.00	-24.81	Vertical
4	17169.2712	37.80	18.36	56.16	74.00	-17.84	Vertical
5	17396.1745	37.40	17.69	55.09	74.00	-18.91	Vertical
6	17844.3555	37.41	17.91	55.32	74.00	-18.68	Vertical

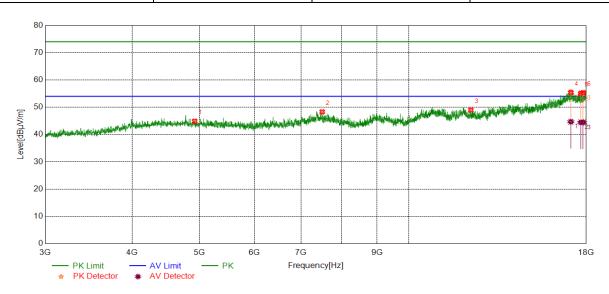
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17169.2712	27.53	18.36	45.89	54.00	-8.11	Vertical
2	17396.1745	26.79	17.69	44.48	54.00	-9.52	Vertical
3	17844.3555	26.87	17.91	44.78	54.00	-9.22	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4922.1153	39.69	5.19	44.88	74.00	-29.12	Horizontal
2	7508.0635	39.69	8.61	48.30	74.00	-25.70	Horizontal
3	12282.4103	37.05	11.89	48.94	74.00	-25.06	Horizontal
4	17101.7627	37.13	18.28	55.41	74.00	-18.59	Horizontal
5	17677.4597	37.20	17.88	55.08	74.00	-18.92	Horizontal
6	17818.1023	37.61	17.69	55.30	74.00	-18.70	Horizontal

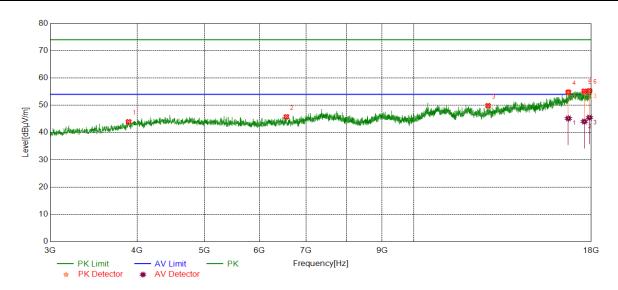
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
140.	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	Nemark
1	17101.7627	26.39	18.28	44.67	54.00	-9.33	Horizontal
2	17677.4597	26.58	17.88	44.46	54.00	-9.54	Horizontal
3	17818.1023	26.76	17.69	44.45	54.00	-9.55	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF 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	
11N HT20	HCH	Vertical	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	3890.7363	40.26	3.67	43.93	74.00	-30.07	Vertical
2	6559.1949	38.18	7.56	45.74	74.00	-28.26	Vertical
3	12788.7236	38.12	11.71	49.83	74.00	-24.17	Vertical
4	16683.5854	36.85	17.94	54.79	74.00	-19.21	Vertical
5	17587.4484	37.83	17.32	55.15	74.00	-18.85	Vertical
6	17891.2364	36.81	18.53	55.34	74.00	-18.66	Vertical

## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16683.5854	27.23	17.94	45.17	54.00	-8.83	Vertical
2	17587.4484	26.70	17.32	44.02	54.00	-9.98	Vertical
3	17891.2364	26.93	18.53	45.46	54.00	-8.54	Vertical

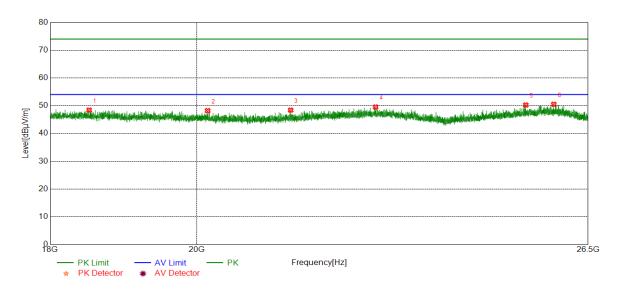
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Part III: 18GHz~26.5GHz

## SPURIOUS EMISSIONS 18GHz TO 26.5GHz (WORST-CASE CONFIGURATION)

Test Mode	Channel	Polarization	Verdict	
11G	LCH	Horizontal	PASS	



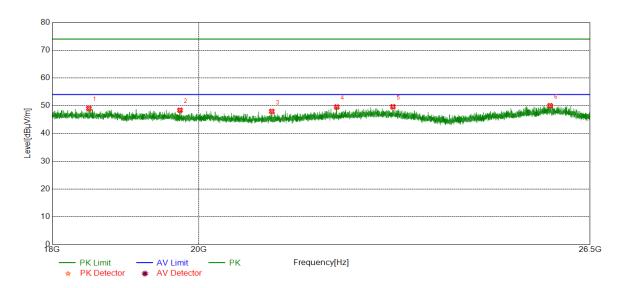
No	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	18511.7512	49.34	-0.94	48.40	74.00	-25.60	Horizontal
2	20158.3658	48.79	-0.58	48.21	74.00	-25.79	Horizontal
3	21398.6399	49.02	-0.61	48.41	74.00	-25.59	Horizontal
4	22746.0246	48.50	1.03	49.53	74.00	-24.47	Horizontal
5	25341.3341	49.66	0.58	50.24	74.00	-23.76	Horizontal
6	25856.4856	49.08	1.43	50.51	74.00	-23.49	Horizontal

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 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	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	18481.9982	49.96	-0.94	49.02	74.00	-24.98	Vertical
2	19733.3233	49.02	-0.65	48.37	74.00	-25.63	Vertical
3	21079.8580	48.88	-0.93	47.95	74.00	-26.05	Vertical
4	22088.0588	49.27	0.28	49.55	74.00	-24.45	Vertical
5	22997.6498	48.39	1.23	49.62	74.00	-24.38	Vertical
6	25751.0751	48.74	1.27	50.01	74.00	-23.99	Vertical

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

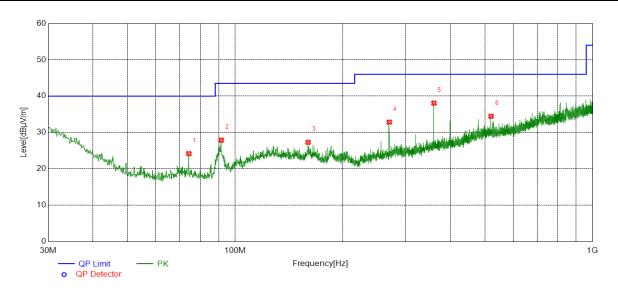
- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Part IV: 30MHz~1GHz

## SPURIOUS EMISSIONS 30M TO 1GHz (WORST-CASE CONFIGURATION)

Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



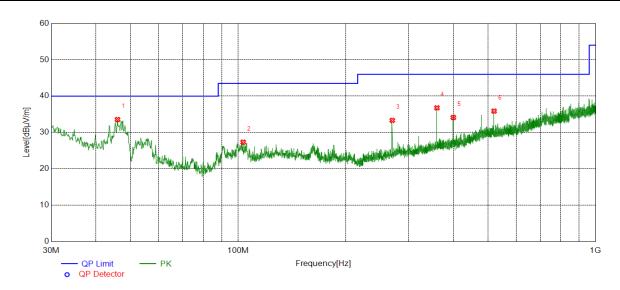
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	74.2364	9.59	14.61	24.20	40.00	-15.80	Horizontal
2	91.5042	13.10	14.80	27.90	43.50	-15.60	Horizontal
3	160.0900	8.50	18.80	27.30	43.50	-16.20	Horizontal
4	270.0020	13.04	19.80	32.84	46.00	-13.16	Horizontal
5	359.9300	16.12	21.96	38.08	46.00	-7.92	Horizontal
6	519.9960	8.54	25.92	34.46	46.00	-11.54	Horizontal

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

- 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.



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	46.0066	16.55	17.01	33.56	40.00	-6.44	Vertical
2	103.3393	9.89	17.45	27.34	43.50	-16.16	Vertical
3	270.0020	13.53	19.80	33.33	46.00	-12.67	Vertical
4	360.0270	14.82	21.96	36.78	46.00	-9.22	Vertical
5	399.9950	11.21	22.92	34.13	46.00	-11.87	Vertical
6	519.9960	9.97	25.92	35.89	46.00	-10.11	Vertical

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

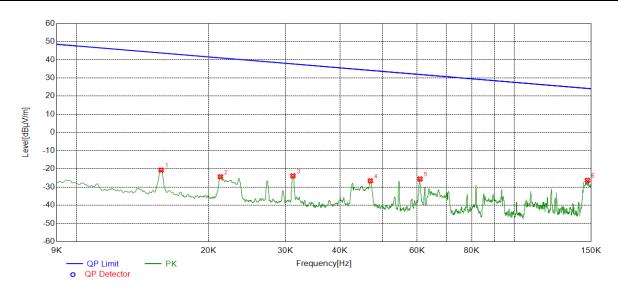
- 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.



## Part V: 9KHz~30MHz

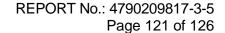
# SPURIOUS EMISSIONS Below 30MHz (WORST CASE CONFIGURATION-FACE ON)

Test Mode	Channel	Frequency Range	Verdict
11G	LCH	9kHz~150kHz	PASS



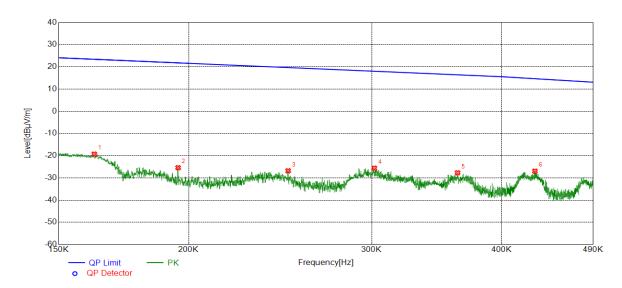
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	0.0156	41.21	-61.89	-20.68	43.75	-64.43	Vertical
2	0.0213	37.48	-61.83	-24.35	41.03	-65.38	Vertical
3	0.0312	37.88	-61.74	-23.86	37.71	-61.57	Vertical
4	0.0469	35.17	-61.74	-26.57	34.17	-60.74	Vertical
5	0.0609	36.23	-61.77	-25.54	31.92	-57.46	Vertical
6	0.1470	35.54	-61.84	-26.30	24.26	-50.56	Vertical

- 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.



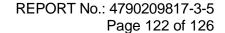


Test Mode	Channel	Frequency Range	Verdict
11G	LCH	150kHz~490kHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	0.1623	42.56	-61.85	-19.29	23.40	-42.69	Vertical
2	0.1954	36.46	-61.86	-25.40	21.78	-47.18	Vertical
3	0.2493	35.08	-61.88	-26.80	19.67	-46.47	Vertical
4	0.3017	36.29	-61.90	-25.61	18.01	-43.62	Vertical
5	0.3628	34.20	-61.90	-27.70	16.41	-44.11	Vertical
6	0.4306	34.93	-61.90	-26.97	14.66	-41.63	Vertical

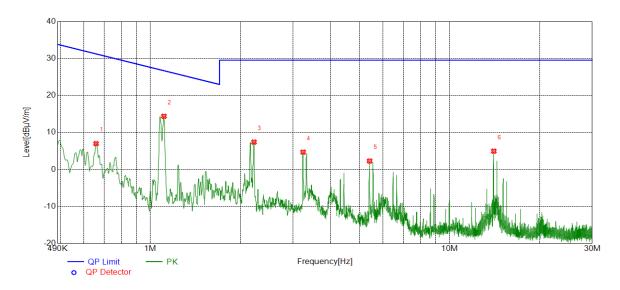
- 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.





Test Mode Channel Frequency Range Verdict

11G LCH 490kHz~30MHz PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	0.6582	28.88	-21.89	6.99	31.23	-24.24	Vertical
2	1.1098	36.23	-21.85	14.38	26.70	-12.32	Vertical
3	2.2195	29.21	-21.80	7.41	29.54	-22.13	Vertical
4	3.2406	26.45	-21.76	4.69	29.54	-24.85	Vertical
5	5.4039	23.98	-21.70	2.28	29.54	-27.26	Vertical
6	14.0542	26.56	-21.60	4.96	29.54	-24.58	Vertical

- 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.



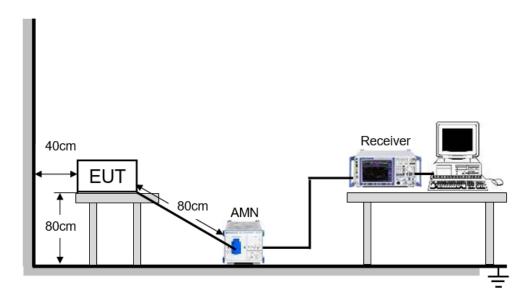
# 8. AC POWER LINE CONDUCTED EMISSIONS

## **LIMITS**

Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	Lim	nit (dBuV)
FREQUENCT (IVIFIZ)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

#### **TEST SETUP AND PROCEDURE**

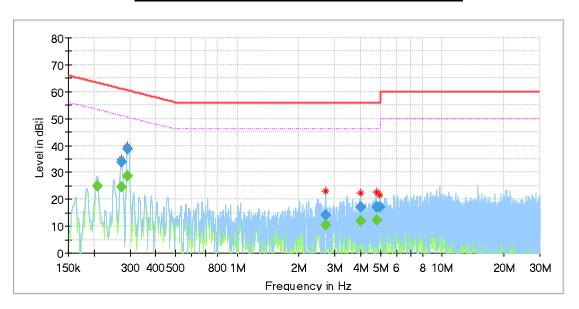


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.



## **LINE L RESULTS (WORST-CASE CONFIGURATION)**



# Final\_Result

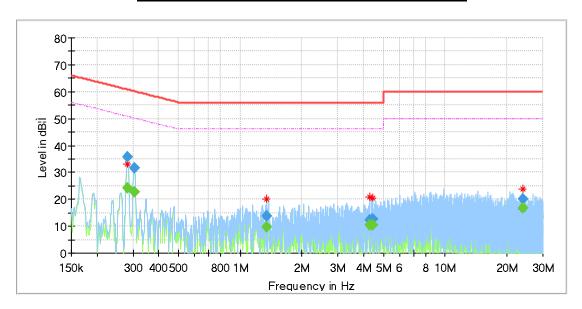
Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.206715		25.02	53.34	28.32	1000.0	9.000	L1	OFF	9.5
0.270893		24.53	51.09	26.56	1000.0	9.000	L1	OFF	9.5
0.270893	33.79		61.09	27.30	1000.0	9.000	L1	OFF	9.5
0.291788		28.71	50.47	21.76	1000.0	9.000	L1	OFF	9.5
0.291788	38.63		60.47	21.84	1000.0	9.000	L1	OFF	9.5
2.711130		10.52	46.00	35.48	1000.0	9.000	L1	OFF	9.7
2.711130	14.31		56.00	41.69	1000.0	9.000	L1	OFF	9.7
3.996173	16.95		56.00	39.05	1000.0	9.000	L1	OFF	9.8
3.996173		11.89	46.00	34.11	1000.0	9.000	L1	OFF	9.8
4.769288	17.22		56.00	38.78	1000.0	9.000	L1	OFF	9.8
4.769288		12.12	46.00	33.88	1000.0	9.000	L1	OFF	9.8
4.985700	17.30		56.00	38.70	1000.0	9.000	L1	OFF	9.8

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

- 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
- 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
- 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
- 5. Pre-testing all test modes and channels, and find the LCH of 11G which is the worst case, so only the worst case is included in this test report.



# **LINE N RESULTS (WORST-CASE CONFIGURATION)**



# Final\_Result

Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.282833		24.35	50.73	26.38	1000.0	9.000	N	OFF	9.6
0.282833	35.57		60.73	25.16	1000.0	9.000	N	OFF	9.6
0.303728		22.83	50.14	27.31	1000.0	9.000	N	OFF	9.7
0.303728	31.69		60.14	28.45	1000.0	9.000	N	OFF	9.7
1.348478		9.80	46.00	36.20	1000.0	9.000	N	OFF	9.6
1.348478	13.67		56.00	42.33	1000.0	9.000	N	OFF	9.6
4.270793	12.39		56.00	43.61	1000.0	9.000	N	OFF	9.6
4.270793		10.40	46.00	35.60	1000.0	9.000	N	OFF	9.6
4.414073	12.63		56.00	43.37	1000.0	9.000	N	OFF	9.6
4.414073		10.51	46.00	35.49	1000.0	9.000	N	OFF	9.6
24.000150		16.72	50.00	33.28	1000.0	9.000	N	OFF	9.9
24.000150	20.15		60.00	39.85	1000.0	9.000	N	OFF	9.9

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

- 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
- 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
- 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
- 5. Pre-testing all test modes and channels, and find the LCH of 11G which is the worst case, so only the worst case is included in this test report.



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# 9. ANTENNA REQUIREMENTS

## APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

## Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **ANTENNA GAIN**

The antenna gain of EUT is less than 6 dBi

# **END OF REPORT**