



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1 2483.5000	2492 5000	55.94	12.97	68.91	74.00	-5.09	peak
	2463.3000	37.64	12.97	50.61	54.00	-3.39	average
2 2487.3959	44.76	12.98	57.74	74.00	-16.26	peak	
	2407.3939	30.67	12.98	43.65	54.00	-10.35	average

- 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.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1 2361.3014	2361 3014	42.11	12.79	54.90	74.00	-19.1	peak
	2301.3014	28.95	12.79	41.74	54.00	-12.26	average
2 2388.0985	2388 0085	46.23	13.07	59.30	74.00	-14.7	peak
	2300.0900	30.46	13.07	43.53	54.00	-10.47	average
3	2390.0000	46.81	13.07	59.88	74.00	-14.12	peak
		31.79	13.07	44.86	54.00	-9.14	average

- 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.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1 2384.8919	2294 9010	44.38	13.06	57.44	74.00	-16.56	peak
	2304.0919	30.09	13.06	43.15	54.00	-10.85	average
2 2388.1923	2200 1022	50.54	13.07	63.61	74.00	-10.39	peak
	2300.1923	34.56	13.07	47.63	54.00	-6.37	average
3	2390.0000	56.61	13.07	69.68	74.00	-4.32	peak
		36.75	13.07	49.82	54.00	-4.18	average

- 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.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2482 5000	51.64	12.97	64.61	74.00	-9.39	peak
	2403.3000	34.68	12.97	47.65	54.00	-6.35	average
2 2504.4756	2504 4756	42.36	13.17	55.53	74.00	-18.47	peak
	2004.4700	30.07	13.17	43.24	54.00	-10.76	average

- 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.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1 2483.5000	55.33	12.97	68.30	74.00	-5.7	peak	
	2403.3000	37.56	12.97	50.53	54.00	-3.47	average
2	2496 4292	51.36	12.98	64.34	74.00	-9.66	peak
2	2400.4203	34.69	12.98	47.67	54.00	-6.33	average
0	2518.7873	42.19	13.22	55.41	74.00	-18.59	peak
3		31.21	13.22	44.43	54.00	-9.57	average

- 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
11N HT40	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1 2382.0790	2282 0700	48.67	13.06	61.73	74.00	-12.27	peak
	2302.0790	33.17	13.06	46.23	54.00	-7.77	average
2	2207 05/7	53.87	13.07	66.94	74.00	-7.06	peak
2	2387.8547	35.46	13.07	48.53	54.00	-5.47	average
3	2390.0000	50.51	13.07	63.58	74.00	-10.42	peak
		34.28	13.07	47.35	54.00	-6.65	average

- 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.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2271 7652	44.02	12.95	56.97	74.00	-17.03	peak
1	23/1./002	30.05	12.95	43.00	54.00	-11.00	average
2	2 2377.8972	50.46	13.03	63.49	74.00	-10.51	peak
2		32.45	13.03	45.48	54.00	-8.52	average
2	2288 0048	55.17	13.07	68.24	74.00	-5.76	peak
3	2300.0040	36.98	13.07	50.05	54.00	-3.95	average
4	2390.0000	54.64	13.07	67.71	74.00	-6.29	peak
4		35.87	13.07	48.94	54.00	-5.06	average

- 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.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2482 5000	53.31	12.97	66.28	74.00	-7.72	peak
1	2403.3000	36.42	12.97	49.39	54.00	-4.61	average
2 2494 7	2494 7191	55.47	12.97	68.44	74.00	-5.56	peak
2	2404.7101	37.18	12.97	50.15	54.00	-3.85	average
2	2401 6040	50.85	13.02	63.87	74.00	-10.13	peak
3	2491.0040	35.86	13.02	48.88	54.00	-5.12	average
4	2497.0721	46.58	13.10	59.68	74.00	-14.32	peak
4		33.11	13.10	46.21	54.00	-7.79	average

- 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
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2492 5000	57.73	12.97	70.70	74.00	-3.30	peak
	2463.5000	38.76	12.97	51.73	54.00	-2.27	average
0 0405 40	2495 1006	58.06	12.97	71.03	74.00	-2.97	peak
2	2405.1000	38.93	12.97	51.90	54.00	-2.10	average
2	2402 0217	53.99	13.05	67.04	74.00	-6.96	peak
3	2493.9217	36.27	13.05	49.32	54.00	-4.68	average
4	2501.5727	49.04	13.15	62.19	74.00	-11.81	peak
4		34.05	13.15	47.20	54.00	-6.80	average

- 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.

7.6.3. SPURIOUS EMISSIONS

Test Result Table:

1) For 1GHz~3GHz

Test Mode	Channel	Puw(dBm)	Verdict
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B SISO	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	НСН	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11G SISO	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	НСН	<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
	НСН	<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
	НСН	<limit< td=""><td>PASS</td></limit<>	PASS

2) For 3GHz~18GHz

Test Mode	Channel	Puw(dBm)	Verdict
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B SISO	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	НСН	<limit< td=""><td>PASS</td></limit<>	PASS
	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11G SISO	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
	НСН	<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
	НСН	<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
	НСН	<limit< td=""><td>PASS</td></limit<>	PASS



3) For 18GHz~26.5GHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<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 30MHz~1GHz

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

5) For 9KHz~30MHz

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



Part I: 1GHz~3GHz



HARMONICS AND SPURIOUS EMISSIONS

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.5243	44.90	-5.57	39.33	74.00	-34.67	peak
2	1534.8169	58.21	-5.76	52.45	74.00	-21.55	peak
3	1797.8497	45.70	-3.82	41.88	74.00	-32.12	peak
4	2299.1624	44.46	-1.86	42.60	74.00	-31.40	peak
5	2568.1960	41.60	-0.82	40.78	74.00	-33.22	peak
6	2919.7400	41.56	0.63	42.19	74.00	-31.81	peak

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1200.0250	48.38	-5.56	42.82	74.00	-31.18	peak
2	1534.5668	57.51	-5.76	51.75	74.00	-22.25	peak
3	2000.1250	46.76	-2.99	43.77	74.00	-30.23	peak
4	2247.9060	50.77	-2.11	48.66	74.00	-25.34	peak
5	2532.4416	49.94	-0.78	49.16	74.00	-24.84	peak
6	2919.7400	41.46	0.63	42.09	74.00	-31.91	peak

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



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	1198.5248	46.01	-5.56	40.45	74.00	-33.55	peak
2	1534.8169	59.03	-5.76	53.27	74.00	-20.73	peak
3	1795.8495	42.90	-3.80	39.10	74.00	-34.90	peak
4	2028.3785	43.05	-2.75	40.30	74.00	-33.70	peak
5	2720.2150	42.32	-0.37	41.95	74.00	-32.05	peak
6	2940.2425	41.16	0.44	41.60	74.00	-32.40	peak

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



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	1099.2624	47.37	-5.58	41.79	74.00	-32.21	peak
2	1194.5243	47.50	-5.57	41.93	74.00	-32.07	peak
3	1534.8169	57.57	-5.76	51.81	74.00	-22.19	peak
4	1798.3498	44.68	-3.83	40.85	74.00	-33.15	peak
5	2142.1428	48.85	-2.38	46.47	74.00	-27.53	peak
6	2577.4472	48.50	-0.93	47.57	74.00	-26.43	peak

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.5248	43.27	-5.56	37.71	74.00	-36.29	peak
2	1325.0406	43.16	-5.64	37.52	74.00	-36.48	peak
3	1534.8169	59.26	-5.76	53.50	74.00	-20.50	peak
4	1799.0999	44.94	-3.84	41.10	74.00	-32.90	peak
5	2218.9024	42.92	-2.23	40.69	74.00	-33.31	peak
6	2759.4699	41.13	-0.29	40.84	74.00	-33.16	peak

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



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	1198.0248	48.12	-5.56	42.56	74.00	-31.44	peak
2	1396.5496	45.08	-5.70	39.38	74.00	-34.62	peak
3	1534.8169	58.21	-5.76	52.45	74.00	-21.55	peak
4	1792.8491	44.75	-3.77	40.98	74.00	-33.02	peak
5	2276.4096	49.93	-2.00	47.93	74.00	-26.07	peak
6	2601.4502	48.76	-0.66	48.10	74.00	-25.90	peak

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







No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.5248	43.84	-5.56	38.28	74.00	-35.72	peak
2	1332.5416	42.63	-5.67	36.96	74.00	-37.04	peak
3	1534.8169	59.70	-5.76	53.94	74.00	-20.06	peak
4	1770.5963	42.60	-4.13	38.47	74.00	-35.53	peak
5	1994.8744	44.55	-3.04	41.51	74.00	-32.49	peak
6	2892.4866	41.32	0.49	41.81	74.00	-32.19	peak

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.7745	46.45	-5.56	40.89	74.00	-33.11	peak
2	1534.8169	57.50	-5.76	51.74	74.00	-22.26	peak
3	1793.5992	46.80	-3.78	43.02	74.00	-30.98	peak
4	2046.1308	49.34	-2.39	46.95	74.00	-27.05	peak
5	2170.1463	49.30	-2.32	46.98	74.00	-27.02	peak
6	2512.6891	51.64	-0.37	51.27	74.00	-22.73	peak

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



Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.2743	44.21	-5.57	38.64	74.00	-35.36	peak
2	1332.0415	43.09	-5.68	37.41	74.00	-36.59	peak
3	1534.8169	59.75	-5.76	53.99	74.00	-20.01	peak
4	1793.3492	46.17	-3.77	42.40	74.00	-31.60	peak
5	2207.9010	43.61	-2.33	41.28	74.00	-32.72	peak
6	2851.9815	41.17	0.12	41.29	74.00	-32.71	peak

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



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	1195.7745	48.19	-5.56	42.63	74.00	-31.37	peak
2	1534.8169	57.35	-5.76	51.59	74.00	-22.41	peak
3	1937.3672	45.41	-3.07	42.34	74.00	-31.66	peak
4	2291.4114	48.76	-1.93	46.83	74.00	-27.17	peak
5	2588.1985	48.52	-0.80	47.72	74.00	-26.28	peak
6	2924.7406	41.73	0.58	42.31	74.00	-31.69	peak

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



Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.0243	42.68	-5.57	37.11	74.00	-36.89	peak
2	1282.2853	43.12	-5.65	37.47	74.00	-36.53	peak
3	1534.8169	59.59	-5.76	53.83	74.00	-20.17	peak
4	1793.8492	43.03	-3.78	39.25	74.00	-34.75	peak
5	2181.3977	43.38	-2.33	41.05	74.00	-32.95	peak
6	2686.2108	41.41	-0.61	40.80	74.00	-33.20	peak

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



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	1195.0244	50.19	-5.57	44.62	74.00	-29.38	peak
2	1534.8169	57.20	-5.76	51.44	74.00	-22.56	peak
3	1798.0998	44.73	-3.83	40.90	74.00	-33.10	peak
4	2183.1479	49.66	-2.33	47.33	74.00	-26.67	peak
5	2497.4372	52.77	-0.46	52.31	74.00	-21.69	peak
6	2968.2460	41.13	1.08	42.21	74.00	-31.79	peak

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



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.5244	45.41	-5.56	39.85	74.00	-34.15	peak
2	1397.2997	43.10	-5.69	37.41	74.00	-36.59	peak
3	1797.0996	42.93	-3.81	39.12	74.00	-34.88	peak
4	2052.1315	43.98	-2.44	41.54	74.00	-32.46	peak
5	2380.4226	50.55	-1.08	49.47	74.00	-24.53	peak
6	2734.9669	41.27	-0.48	40.79	74.00	-33.21	peak

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



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	1194.5243	49.23	-5.57	43.66	74.00	-30.34	peak
2	1534.8169	56.84	-5.76	51.08	74.00	-22.92	peak
3	1797.3497	47.13	-3.82	43.31	74.00	-30.69	peak
4	2057.6322	49.07	-2.57	46.50	74.00	-27.50	peak
5	2384.1730	53.27	-1.06	52.21	74.00	-21.79	peak
6	2557.6947	49.60	-0.98	48.62	74.00	-25.38	peak

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



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	1194.2743	44.21	-5.57	38.64	74.00	-35.36	peak
2	1332.0415	43.09	-5.68	37.41	74.00	-36.59	peak
3	1534.8169	59.75	-5.76	53.99	74.00	-20.01	peak
4	1793.3492	46.17	-3.77	42.40	74.00	-31.60	peak
5	2207.9010	43.61	-2.33	41.28	74.00	-32.72	peak
6	2851.9815	41.17	0.12	41.29	74.00	-32.71	peak

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



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	1195.7745	48.19	-5.56	42.63	74.00	-31.37	peak
2	1534.8169	57.35	-5.76	51.59	74.00	-22.41	peak
3	1937.3672	45.41	-3.07	42.34	74.00	-31.66	peak
4	2291.4114	48.76	-1.93	46.83	74.00	-27.17	peak
5	2588.1985	48.52	-0.80	47.72	74.00	-26.28	peak
6	2924.7406	41.73	0.58	42.31	74.00	-31.69	peak

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1166.2708	43.43	-5.48	37.95	74.00	-36.05	peak
2	1534.8169	59.69	-5.76	53.93	74.00	-20.07	peak
3	1904.1130	43.31	-3.29	40.02	74.00	-33.98	peak
4	2186.6483	44.56	-2.33	42.23	74.00	-31.77	peak
5	2497.6872	49.02	-0.46	48.56	74.00	-25.44	peak
6	2964.7456	41.08	1.04	42.12	74.00	-31.88	peak

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1151.2689	45.99	-5.60	40.39	74.00	-33.61	peak
2	1534.8169	56.91	-5.76	51.15	74.00	-22.85	peak
3	1793.5992	44.69	-3.78	40.91	74.00	-33.09	peak
4	2092.3865	49.71	-2.56	47.15	74.00	-26.85	peak
5	2497.9372	53.23	-0.46	52.77	74.00	-21.23	peak
6	2684.4606	44.68	-0.62	44.06	74.00	-29.94	peak

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







No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.2748	43.32	-5.56	37.76	74.00	-36.24	peak
2	1399.2999	43.69	-5.66	38.03	74.00	-35.97	peak
3	1533.3167	44.05	-5.76	38.29	74.00	-35.71	peak
4	1795.8495	45.09	-3.80	41.29	74.00	-32.71	peak
5	2096.3870	43.44	-2.53	40.91	74.00	-33.09	peak
6	2770.2213	41.34	-0.21	41.13	74.00	-32.87	peak

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



Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.7747	48.29	-5.56	42.73	74.00	-31.27	peak
2	1413.3017	41.85	-5.50	36.35	74.00	-37.65	peak
3	1534.8169	56.99	-5.76	51.23	74.00	-22.77	peak
4	1908.3635	45.08	-3.31	41.77	74.00	-32.23	peak
5	2296.6621	49.54	-1.88	47.66	74.00	-26.34	peak
6	2590.6988	47.88	-0.76	47.12	74.00	-26.88	peak

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



Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.0244	43.62	-5.57	38.05	74.00	-35.95	peak
2	1395.0494	44.13	-5.72	38.41	74.00	-35.59	peak
3	1798.3498	43.64	-3.83	39.81	74.00	-34.19	peak
4	1991.8740	44.04	-3.07	40.97	74.00	-33.03	peak
5	2304.1630	44.23	-1.77	42.46	74.00	-31.54	peak
6	2877.2347	41.33	0.25	41.58	74.00	-32.42	peak

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1197.0246	48.58	-5.56	43.02	74.00	-30.98	peak
2	1534.8169	56.72	-5.76	50.96	74.00	-23.04	peak
3	1799.8500	44.80	-3.84	40.96	74.00	-33.04	peak
4	2149.8937	48.79	-2.36	46.43	74.00	-27.57	peak
5	2552.6941	50.64	-0.98	49.66	74.00	-24.34	peak
6	2849.2312	41.28	0.12	41.40	74.00	-32.60	peak

Frequency[Hz]

Note: 1. Measurement = Reading Level + Correct Factor.

AV Limit

AV Detector

PK

- 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.

PK I imit

PK Detector

- 5. AVG: VBW refer to section 7.1.
- 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.0243	43.84	-5.57	38.27	74.00	-35.73	peak
2	1332.5416	42.92	-5.67	37.25	74.00	-36.75	peak
3	1534.5668	43.62	-5.76	37.86	74.00	-36.14	peak
4	1917.8647	43.81	-3.24	40.57	74.00	-33.43	peak
5	2308.1635	44.00	-1.69	42.31	74.00	-31.69	peak
6	2844.4806	41.16	0.13	41.29	74.00	-32.71	peak

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



Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1106.2633	46.07	-5.53	40.54	74.00	-33.46	peak
2	1199.0249	49.74	-5.56	44.18	74.00	-29.82	peak
3	1534.8169	57.05	-5.76	51.29	74.00	-22.71	peak
4	1952.8691	47.40	-2.96	44.44	74.00	-29.56	peak
5	2302.1628	50.02	-1.81	48.21	74.00	-25.79	peak
6	2530.6913	50.28	-0.74	49.54	74.00	-24.46	peak

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



Part II: 3GHz~18GHz



HARMONICS AND SPURIOUS EMISSIONS

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4100.7626	39.84	4.47	44.31	74.00	-29.69	peak
2	6444.8056	38.09	7.14	45.23	74.00	-28.77	peak
3	12263.6580	36.16	11.87	48.03	74.00	-25.97	peak
1	16002 0001	36.85	18.72	55.57	74.00	-18.43	peak
4	10992.9991	25.74	18.72	44.46	54.00	-9.54	average
Б	17476 9006	37.02	17.80	54.82	74.00	-19.18	peak
5	17470.0090	26.53	17.80	44.33	54.00	-9.67	average
6 17851.8565	47054 0505	37.16	17.83	54.99	74.00	-19.01	peak
	17051.0000	25.72	17.83	43.55	54.00	-10.45	average

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



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5775.3469	44.41	5.32	49.73	74.00	-24.27	peak
2	7478.0598	38.57	8.83	47.40	74.00	-26.60	peak
3	12451.1814	36.60	11.58	48.18	74.00	-25.82	peak
1	17001 2505	36.44	18.55	54.99	74.00	-19.01	peak
4	17004.2505	26.14	18.55	44.69	54.00	-9.31	average
5	17546 1022	37.32	17.82	55.14	74.00	-18.86	peak
5	17540.1955	26.45	17.82	44.27	54.00	-9.73	average
6	17770 7000	36.49	18.27	54.76	74.00	-19.24	peak
0	11110.1223	25.69	18.27	43.96	54.00	-10.04	average

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



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	5719.0899	40.92	5.14	46.06	74.00	-27.94	peak
2	8310.6638	38.77	6.84	45.61	74.00	-28.39	peak
3	12469.9337	36.97	11.32	48.29	74.00	-25.71	peak
1	17204 0006	37.12	18.10	55.22	74.00	-18.78	peak
4	17204.9000	26.74	18.10	44.84	54.00	-9.16	average
5	17549 0695	36.79	17.95	54.74	74.00	-19.26	peak
5	17540.0005	26.47	17.95	44.42	54.00	-9.58	average
6	17000 2612	36.73	18.53	55.26	74.00	-18.74	peak
0	17009.3012	25.95	18.53	44.48	54.00	-9.52	average

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



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	4873.3592	42.37	5.32	47.69	74.00	-26.31	peak
2	5788.4736	43.82	5.23	49.05	74.00	-24.95	peak
3	7650.5813	38.42	8.29	46.71	74.00	-27.29	peak
1	17000 6006	37.37	18.94	56.31	74.00	-17.69	peak
4	17020.0200	25.96	18.94	44.90	54.00	-9.10	average
5	17624 0521	37.13	17.42	54.55	74.00	-19.45	peak
5	17624.9031	27.82	17.42	45.24	54.00	-8.76	average
6	47000 404	36.95	17.81	54.76	74.00	-19.24	peak
0	17900.121	27.37	17.81	45.18	54.00	-8.82	average

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5784.7231	46.98	5.26	52.24	74.00	-21.76	peak
2	7238.0298	38.12	8.57	46.69	74.00	-27.31	peak
3	10039.6300	37.55	8.81	46.36	74.00	-27.64	peak
4	17039 0049	37.12	18.92	56.04	74.00	-17.96	peak
4	17030.0040	26.39	18.92	45.31	54.00	-8.69	average
5	17291 1726	37.29	18.51	55.80	74.00	-18.20	peak
5	1/301.1/20	26.40	18.51	44.91	54.00	-9.09	average
6	47054 0044	36.06	18.52	54.58	74.00	-19.42	peak
0	17954.9944	27.06	18.52	45.58	54.00	-8.42	average

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



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	4923.9905	44.52	5.18	49.70	74.00	-24.30	peak
2	5794.0993	41.92	5.31	47.23	74.00	-26.77	peak
3	11892.3615	36.82	12.38	49.20	74.00	-24.80	peak
4	16971 1090	37.81	17.71	55.52	74.00	-18.48	peak
4	10071.1009	26.36	17.71	44.07	54.00	-9.93	average
Б	17/22 6702	36.85	17.89	54.74	74.00	-19.26	peak
5	17433.0792	26.51	17.89	44.40	54.00	-9.60	average
<u> </u>	17909.9887	36.58	18.28	54.86	74.00	-19.14	peak
0		26.16	18.28	44.44	54.00	-9.56	average

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3961.9952	39.46	4.49	43.95	74.00	-30.05	peak
2	5790.3488	39.06	5.23	44.29	74.00	-29.71	peak
3	10424.0530	37.46	11.38	48.84	74.00	-25.16	peak
1	17020 5029	36.64	19.03	55.67	74.00	-18.33	peak
4	17030.5038	26.69	19.03	45.72	54.00	-8.28	average
Б	17702 712	37.75	17.71	55.46	74.00	-18.54	peak
5	17703.713	26.76	17.71	44.47	54.00	-9.53	average
<u> </u>	17902.4878	37.23	18.37	55.60	74.00	-18.40	peak
0		26.76	18.37	45.13	54.00	-8.87	average

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



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	4370.7964	40.48	4.94	45.42	74.00	-28.58	peak
2	6596.6996	37.64	7.15	44.79	74.00	-29.21	peak
3	11134.7668	36.80	12.02	48.82	74.00	-25.18	peak
1	17028.6286	36.24	18.94	55.18	74.00	-18.82	peak
4		26.34	18.94	45.28	54.00	-8.72	average
5	17621 2027	37.06	17.57	54.63	74.00	-19.37	peak
5	17021.2027	27.11	17.57	44.68	54.00	-9.32	average
6	17945.6182	36.42	18.44	54.86	74.00	-19.14	peak
0		25.99	18.44	44.43	54.00	-9.57	average

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



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	4451.4314	39.71	5.57	45.28	74.00	-28.72	peak
2	5780.9726	43.13	5.29	48.42	74.00	-25.58	peak
3	10827.2284	37.96	12.09	50.05	74.00	-23.95	peak
1	17028 6286	36.81	18.94	55.75	74.00	-18.25	peak
4	17020.0200	26.53	18.94	45.47	54.00	-8.53	average
Б	17552 6042	36.59	18.01	54.60	74.00	-19.40	peak
5	17555.0942	26.82	18.01	44.83	54.00	-9.17	average
6	17951.2439	36.33	18.56	54.89	74.00	-19.11	peak
0		26.35	18.56	44.91	54.00	-9.09	average

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3256.9071	40.99	0.96	41.95	74.00	-32.05	peak
2	5023.3779	39.70	5.47	45.17	74.00	-28.83	peak
3	10161.5202	37.15	9.55	46.70	74.00	-27.30	peak
4	17024 9791	36.47	18.68	55.15	74.00	-18.85	peak
4	17024.0701	26.35	18.68	45.03	54.00	-8.97	average
Б	17295 5257	37.25	17.76	55.01	74.00	-18.99	peak
5	17200.0007	27.67	17.76	45.43	54.00	-8.57	average
6	17991 9602	37.03	18.22	55.25	74.00	-18.75	peak
0	17001.0002	27.17	18.22	45.39	54.00	-8.61	average

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



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	4346.4183	40.83	5.30	46.13	74.00	-27.87	peak
2	5792.2240	47.07	5.27	52.34	74.00	-21.66	peak
3	10830.9789	38.88	12.05	50.93	74.00	-23.07	peak
4	17176 7701	36.97	18.15	55.12	74.00	-18.88	peak
4	17170.7721	26.64	18.15	44.79	54.00	-9.21	average
5	17501 1976	36.88	18.05	54.93	74.00	-19.07	peak
5	17501.1676	26.16	18.05	44.21	54.00	-9.79	average
6	17024 0006	36.92	17.96	54.88	74.00	-19.12	peak
0	17924.9906	26.90	17.96	44.86	54.00	-9.14	average

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4007.0009	40.22	4.53	44.75	74.00	-29.25	peak
2	5782.8479	40.93	5.27	46.20	74.00	-27.80	peak
3	11991.7490	36.30	12.90	49.20	74.00	-24.80	peak
1	16097 2724	36.45	18.77	55.22	74.00	-18.78	peak
4	10907.3734	25.78	18.77	44.55	54.00	-9.45	average
5	17557 1117	36.76	17.94	54.70	74.00	-19.30	peak
5	17557.4447	25.84	17.94	43.78	54.00	-10.22	average
6	17917.4897	37.80	17.91	55.71	74.00	-18.29	peak
0		26.48	17.91	44.39	54.00	-9.61	average

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



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	4357.6697	39.96	5.04	45.00	74.00	-29.00	peak
2	6634.2043	37.20	7.56	44.76	74.00	-29.24	peak
3	11826.7283	36.28	12.30	48.58	74.00	-25.42	peak
4	16006 7406	37.00	18.64	55.64	74.00	-18.36	peak
4	10990.7490	25.68	18.64	44.32	54.00	-9.68	average
5	17707 4624	37.39	17.66	55.05	74.00	-18.95	peak
5	17707.4034	25.89	17.66	43.55	54.00	-10.45	average
6	17062 4052	36.41	18.27	54.68	74.00	-19.32	peak
0	17902.4955	26.47	18.27	44.74	54.00	-9.26	average

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



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	4149.5187	39.88	4.82	44.70	74.00	-29.30	peak
2	5784.7231	44.40	5.26	49.66	74.00	-24.34	peak
3	11012.8766	36.35	12.49	48.84	74.00	-25.16	peak
4	16604 8260	36.41	18.06	54.47	74.00	-19.53	peak
4	10094.0309	25.94	18.06	44.00	54.00	-10.00	average
Б	17277 4000	36.39	18.58	54.97	74.00	-19.03	peak
5	17377.4222	25.83	18.58	44.41	54.00	-9.59	average
6	170/0 2697	36.33	18.55	54.88	74.00	-19.12	peak
0	17949.3007	26.36	18.55	44.91	54.00	-9.09	average

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



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	4573.3217	40.16	5.33	45.49	74.00	-28.51	peak
2	7309.2887	38.90	8.44	47.34	74.00	-26.66	peak
3	14011.3764	38.03	14.31	52.34	74.00	-21.66	peak
1	17032 370	36.81	19.00	55.81	74.00	-18.19	peak
4	17032.379	26.60	19.00	45.60	54.00	-8.40	average
5	17/59 0572	37.54	17.76	55.30	74.00	-18.70	peak
5	17456.0575	26.88	17.76	44.64	54.00	-9.36	average
6	17887 4850	36.15	18.45	54.60	74.00	-19.40	peak
0	17007.4009	26.34	18.45	44.79	54.00	-9.21	average

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4143.8930	39.70	4.76	44.46	74.00	-29.54	peak
2	6621.0776	37.43	7.42	44.85	74.00	-29.15	peak
3	10994.1243	36.24	12.32	48.56	74.00	-25.44	peak
1	16076 122	36.77	18.64	55.41	74.00	-18.59	peak
4	10970.122	26.06	18.64	44.70	54.00	-9.30	average
Б	17626 2045	37.58	17.51	55.09	74.00	-18.91	peak
5	17030.2045	26.29	17.51	43.80	54.00	-10.20	average
6	17011 964	37.69	18.19	55.88	74.00	-18.12	peak
0	17911.004	26.27	18.19	44.46	54.00	-9.54	average

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4342.6678	40.14	5.34	45.48	74.00	-28.52	peak
2	5812.8516	44.66	5.29	49.95	74.00	-24.05	peak
3	11824.8531	35.85	12.29	48.14	74.00	-25.86	peak
4	17072 6242	36.54	19.02	55.56	74.00	-18.44	peak
4	17075.0542	26.27	19.02	45.29	54.00	-8.71	average
5	17269 046	36.48	18.40	54.88	74.00	-19.12	peak
5	17300.040	26.52	18.40	44.92	54.00	-9.08	average
6	170/2 7/2	36.51	18.38	54.89	74.00	-19.11	peak
0	17943.743	27.37	18.38	45.75	54.00	-8.25	average

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



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	4121.3902	39.73	4.41	44.14	74.00	-29.86	peak
2	6036.0045	39.35	5.25	44.60	74.00	-29.40	peak
3	10862.8579	37.02	12.17	49.19	74.00	-24.81	peak
1	17150 5188	37.27	18.27	55.54	74.00	-18.46	peak
4	17150.5100	25.72	18.27	43.99	54.00	-10.01	average
Б	17400 2124	36.83	18.03	54.86	74.00	-19.14	peak
5	17499.3124	26.00	18.03	44.03	54.00	-9.97	average
6	17092 1220	37.51	17.92	55.43	74.00	-18.57	peak
0	17903.1229	26.12	17.92	44.04	54.00	-9.96	average

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5786.5983	41.65	5.25	46.90	74.00	-27.10	peak
2	7918.7398	38.22	7.78	46.00	74.00	-28.00	peak
3	13975.7470	38.26	13.89	52.15	74.00	-21.85	peak
4	16004 9744	36.47	18.68	55.15	74.00	-18.85	peak
4	10994.0744	25.60	18.68	44.28	54.00	-9.72	average
5	17277 4000	36.49	18.58	55.07	74.00	-18.93	peak
5	17377.4222	26.38	18.58	44.96	54.00	-9.04	average
6	17002 4878	37.11	18.37	55.48	74.00	-18.52	peak
0	17902.4070	26.01	18.37	44.38	54.00	-9.62	average

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



Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	quency Reading Corr		Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4207.6510	40.63	5.01	45.64	74.00	-28.36	peak
2	6703.5879	37.36	7.93	45.29	74.00	-28.71	peak
3	10988.4986	36.85	12.31	49.16	74.00	-24.84	peak
4	17162 6455	37.10	18.28	55.38	74.00	-18.62	peak
4	17103.0455	26.58	18.28	44.86	54.00	-9.14	average
Б	17527 4400	36.74	17.87	54.61	74.00	-19.39	peak
5	17527.4409	26.38	17.87	44.25	54.00	-9.75	average
6	17991 9602	37.04	18.22	55.26	74.00	-18.74	peak
0	17001.0002	25.93	18.22	44.15	54.00	-9.85	average

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



Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	ect Factor Result		Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4001.3752	40.35	4.33	44.68	74.00	-29.32	peak
2	5799.7250	42.45	5.42	47.87	74.00	-26.13	peak
3	10429.6787	36.94	11.60	48.54	74.00	-25.46	peak
4	17029 0049	35.93	18.92	54.85	74.00	-19.15	peak
4	17030.0040	25.84	18.92	44.76	54.00	-9.24	average
5	17525 5657	37.11	17.83	54.94	74.00	-19.06	peak
5	17525.5057	26.65	17.83	44.48	54.00	-9.52	average
6	17011 964	36.37	18.19	54.56	74.00	-19.44	peak
0	17911.004	26.10	18.19	44.29	54.00	-9.71	average

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



Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	rrect Factor Result		Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3993.8742	42.65	4.12	46.77	74.00	-27.23	peak
2	7024.2530	37.96	8.24	46.20	74.00	-27.80	peak
3	10662.2078	36.35	11.84	48.19	74.00	-25.81	peak
4	17206 7971	37.73	17.79	55.52	74.00	-18.48	peak
4	17290.7071	27.33	17.79	45.12	54.00	-8.88	average
5	17551 910	37.59	18.05	55.64	74.00	-18.36	peak
5	17551.619	26.73	18.05	44.78	54.00	-9.22	average
6	17902 1116	37.51	18.51	56.02	74.00	-17.98	peak
0	17093.1110	25.96	18.51	44.47	54.00	-9.53	average

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





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4037.0046	39.52	4.27	43.79	74.00	-30.21	peak
2	7136.7671	37.55	8.34	45.89	74.00	-28.11	peak
3	13180.6476	36.77	12.62	49.39	74.00	-24.61	peak
4	17020.99	36.38	18.89	55.27	74.00	-18.73	peak
4	17039.88	26.05	18.89	44.94	54.00	-9.06	average
Б	17/20 20/0	37.71	17.87	55.58	74.00	-18.42	peak
5	17439.3049	26.32	17.87	44.19	54.00	-9.81	average
e	17022 10/1	36.41	18.12	54.53	74.00	-19.47	peak
0	17033.1041	26.25	18.12	44.37	54.00	-9.63	average

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





No.	Frequency	Reading Level	Correct Factor	Correct Factor Result		Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5801.6002	43.44	5.42	48.86	74.00	-25.14	peak
2	7273.6592	38.46	8.61	47.07	74.00	-26.93	peak
3	12792.4741	36.69	11.67	48.36	74.00	-25.64	peak
1	17165 5207	37.73	18.31	56.04	74.00	-17.96	peak
4	17105.5207	26.76	18.31	45.07	54.00	-8.93	average
Б	17701 9277	36.73	17.73	54.46	74.00	-19.54	peak
5	17701.0377	25.82	17.73	43.55	54.00	-10.45	average
6	17062 4052	37.13	18.27	55.40	74.00	-18.60	peak
0	17902.4903	26.84	18.27	45.11	54.00	-8.89	average

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



Part III: 18GHz~26.5GHz



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

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18820.3320	49.91	-1.06	48.85	74.00	-25.15	peak
2	19632.1632	49.70	-0.69	49.01	74.00	-24.99	peak
3	20851.1851	49.01	-0.92	48.09	74.00	-25.91	peak
4	22026.8527	49.04	0.20	49.24	74.00	-24.76	peak
5	23118.3618	48.96	0.91	49.87	74.00	-24.13	peak
6	25062.5063	49.93	0.12	50.05	74.00	-23.95	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit. 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.





No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18502.4002	49.80	-0.93	48.87	74.00	-25.13	peak
2	19100.8601	49.42	-1.04	48.38	74.00	-25.62	peak
3	20416.7917	49.84	-0.66	49.18	74.00	-24.82	peak
4	22403.4403	49.11	0.67	49.78	74.00	-24.22	peak
5	23240.7741	48.01	0.60	48.61	74.00	-25.39	peak
6	26102.1602	49.23	1.47	50.70	74.00	-23.30	peak

- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.



Part IV: 30MHz~1GHz



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

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	74.2364	13.78	14.61	28.39	40.00	-11.61	peak
2	95.8696	15.19	15.86	31.05	43.50	-12.45	peak
3	215.7736	19.53	17.95	37.48	43.50	-6.02	peak
4	263.7934	20.95	19.37	40.32	46.00	-5.68	peak
5	359.7360	17.58	21.95	39.53	46.00	-6.47	peak
6	455.5816	14.65	24.50	39.15	46.00	-6.85	peak

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.





- 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)

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	36.97	-60.98	-24.01	43.77	-67.78	peak
2	0.0312	29.28	-60.92	-31.64	37.71	-69.35	peak
3	0.0468	24.68	-61.02	-36.34	34.19	-70.53	peak
4	0.0534	22.95	-61.09	-38.14	33.05	-71.19	peak
5	0.0866	19.81	-61.10	-41.29	28.85	-70.14	peak
6	0.1443	21.91	-61.25	-39.34	24.42	-63.76	peak

- 2. Result 300m= Result 3m-80 dBuV/m
- 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 4. 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
11B	LCH	150KHz~490Hz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1527	25.95	-61.30	-35.35	23.92	-59.27	peak
2	0.1739	25.32	-61.19	-35.87	22.80	-58.67	peak
3	0.2184	23.09	-60.97	-37.88	20.82	-58.70	peak
4	0.2744	21.59	-60.78	-39.19	18.83	-58.02	peak
5	0.3421	22.40	-60.73	-38.33	16.92	-55.25	peak
6	0.4548	18.51	-60.63	-42.12	13.99	-56.11	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 - 2. Result 300m= Result 3m-80 dBuV/m
 - 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
 - 4. 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
11B	LCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5579	13.76	-20.61	-6.85	32.67	-39.52	peak
2	1.0773	13.49	-20.35	-6.86	26.96	-33.82	peak
3	3.4974	13.69	-20.25	-6.56	29.54	-36.10	peak
4	4.6041	9.12	-20.15	-11.03	29.54	-40.57	peak
5	8.7625	8.14	-19.16	-11.02	29.54	-40.56	peak
6	22.9789	7.30	-17.76	-10.46	29.54	-40.00	peak

- 2. Result 30m= Result 3m-40 dBuV/m
- 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 4. 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)

	Limit (dBuV)					
	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 a 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.



TEST RESULTS (WORST CASE CONFIGURATION)



For L Line:

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
					(ms)				
0.463425		38.69	46.63	7.94	1000.0	9.000	L1	OFF	9.7
0.463425	42.73		56.63	13.90	1000.0	9.000	L1	OFF	9.7
0.702225		25.59	46.00	20.41	1000.0	9.000	L1	OFF	9.6
0.702225	36.16		56.00	19.84	1000.0	9.000	L1	OFF	9.6
1.172363		22.70	46.00	23.30	1000.0	9.000	L1	OFF	9.5
1.649963	37.43	-	56.00	18.57	1000.0	9.000	L1	OFF	9.6
1.649963		25.88	46.00	20.12	1000.0	9.000	L1	OFF	9.6
1.941000	36.75		56.00	19.25	1000.0	9.000	L1	OFF	9.6
1.941000		24.52	46.00	21.48	1000.0	9.000	L1	OFF	9.6
2.232038		24.46	46.00	21.54	1000.0	9.000	L1	OFF	9.7
3.172313	35.11		56.00	20.89	1000.0	9.000	L1	OFF	9.8
3.649913	34.37		56.00	21.63	1000.0	9.000	L1	OFF	9.7

- 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 11B mode which is the worst case, so only the worst case is included in this test report.



For N Line:



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
· · /					(ms)	. ,			
0.538050		22.99	46.00	23.01	1000.0	9.000	Ν	OFF	9.6
1.023113		24.28	46.00	21.72	1000.0	9.000	Ν	OFF	9.7
1.284300		17.95	46.00	28.05	1000.0	9.000	Ν	OFF	9.6
1.284300	31.54		56.00	24.46	1000.0	9.000	Ν	OFF	9.6
2.038013		18.14	46.00	27.86	1000.0	9.000	Ν	OFF	9.7
2.038013	30.89		56.00	25.11	1000.0	9.000	Ν	OFF	9.7
2.523075	32.18		56.00	23.82	1000.0	9.000	Ν	OFF	9.5
2.523075		20.49	46.00	25.51	1000.0	9.000	Ν	OFF	9.5
3.269325	29.91		56.00	26.09	1000.0	9.000	Ν	OFF	9.6
3.776775	30.29		56.00	25.71	1000.0	9.000	Ν	OFF	9.6
3.776775		18.82	46.00	27.18	1000.0	9.000	Ν	OFF	9.6
4.530488	30.10		56.00	25.90	1000.0	9.000	Ν	OFF	9.6

- 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 HCH of 11B mode swhich is the worst case, so only the worst case is included in this test report.

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 CONNECTOR

EUT has a EUT with one Monopole antenna.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT