8.4. SPURIOUS EMISSIONS

TEST RESULTS TABLE

1) For 1GHz~18GHz

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

2) For 9kHz~30MHz

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

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

3) For 30MHz~1GHz

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

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

4) For 18GHz~26.5GHz

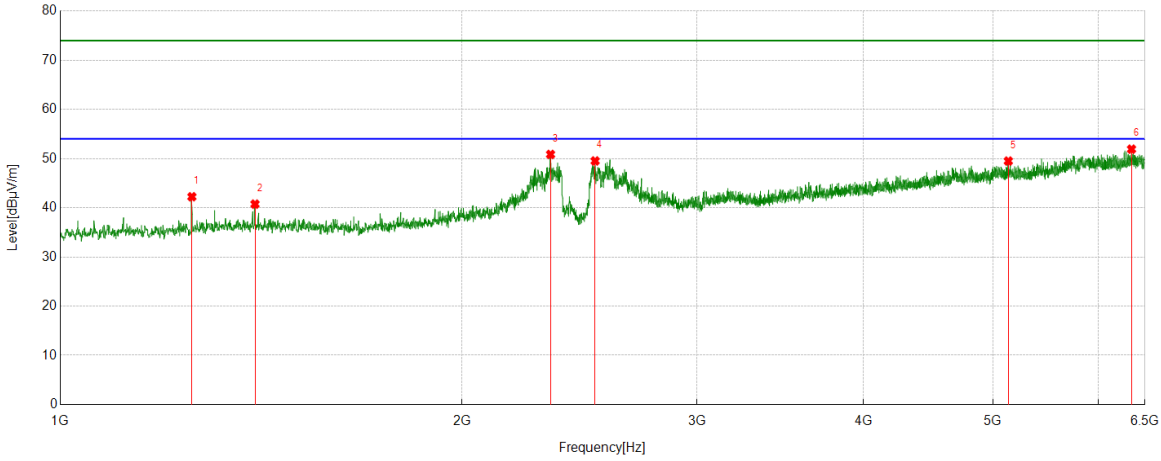
Test Mode	Channel	Puw(dBm)	Verdict
11B	MCH	<Limit	PASS

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 1: 1GHz~6.5GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

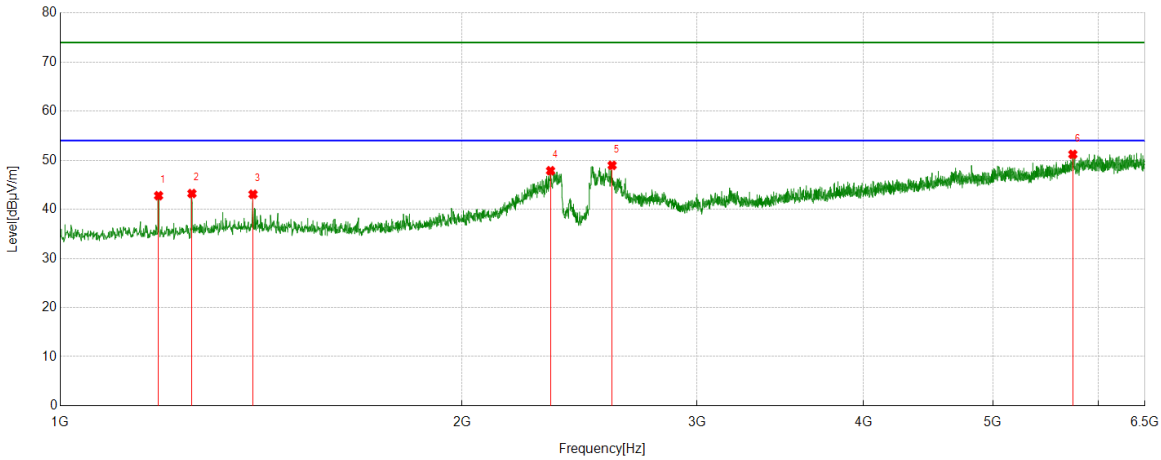


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	43.10	-0.86	42.24	74.00	-31.76	Horizontal
2	1399.4874	41.23	-0.49	40.74	74.00	-33.26	Horizontal
3	2330.4788	46.59	4.26	50.85	74.00	-23.15	Horizontal
4	2516.8146	45.72	3.80	49.52	74.00	-24.48	Horizontal
5	5134.4543	36.67	12.83	49.50	74.00	-24.50	Horizontal
6	6350.7938	34.30	17.61	51.91	74.00	-22.09	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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

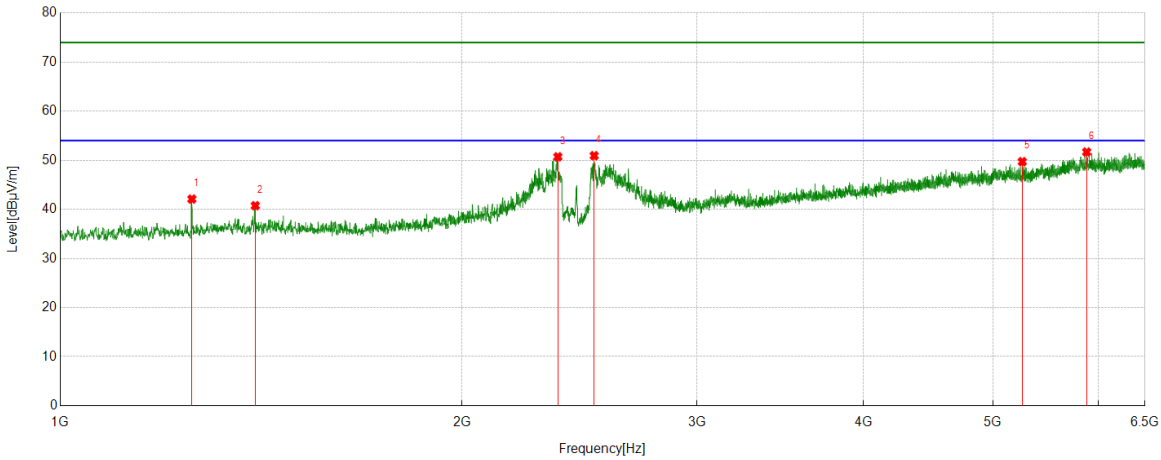


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1184.9606	43.97	-1.19	42.78	74.00	-31.22	Vertical
2	1255.0944	44.08	-0.86	43.22	74.00	-30.78	Vertical
3	1394.6743	43.49	-0.43	43.06	74.00	-30.94	Vertical
4	2330.4788	43.60	4.26	47.86	74.00	-26.14	Vertical
5	2591.7615	44.91	4.05	48.96	74.00	-25.04	Vertical
6	5739.5299	35.63	15.57	51.20	74.00	-22.80	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS

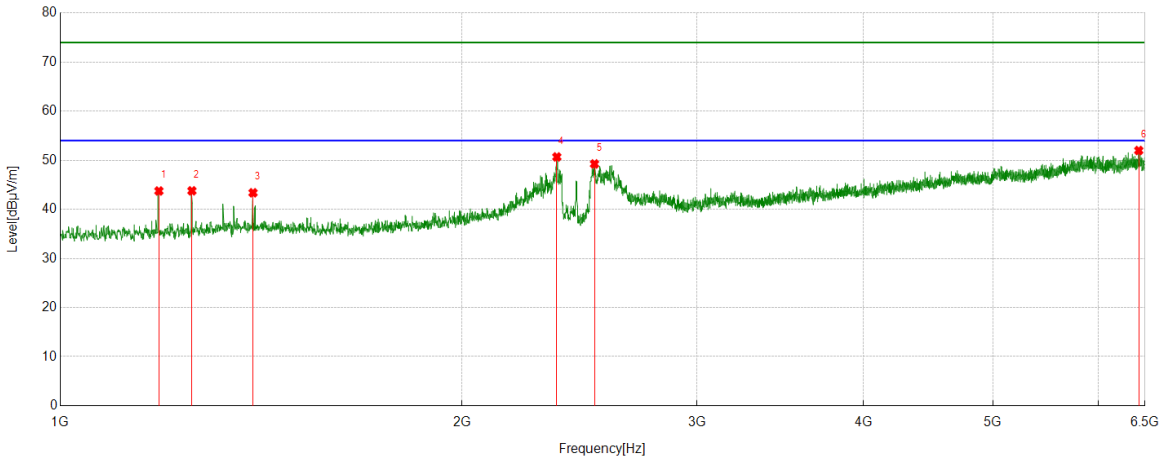


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	42.95	-0.86	42.09	74.00	-31.91	Horizontal
2	1400.1750	41.24	-0.50	40.74	74.00	-33.26	Horizontal
3	2360.0450	46.88	3.82	50.70	74.00	-23.30	Horizontal
4	2512.6891	47.03	3.90	50.93	74.00	-23.07	Horizontal
5	5259.5949	36.54	13.17	49.71	74.00	-24.29	Horizontal
6	5877.7347	36.27	15.41	51.68	74.00	-22.32	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS

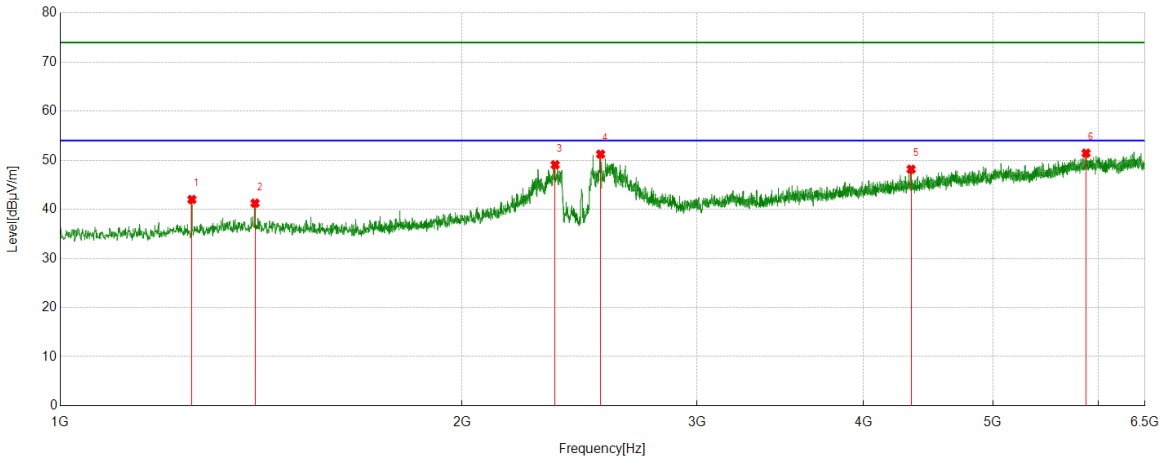


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1185.6482	44.95	-1.21	43.74	74.00	-30.26	Vertical
2	1255.0944	44.63	-0.86	43.77	74.00	-30.23	Vertical
3	1394.6743	43.80	-0.43	43.37	74.00	-30.63	Vertical
4	2355.9195	46.83	3.84	50.67	74.00	-23.33	Vertical
5	2514.0643	45.38	3.87	49.25	74.00	-24.75	Vertical
6	6430.5538	34.61	17.38	51.99	74.00	-22.01	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS

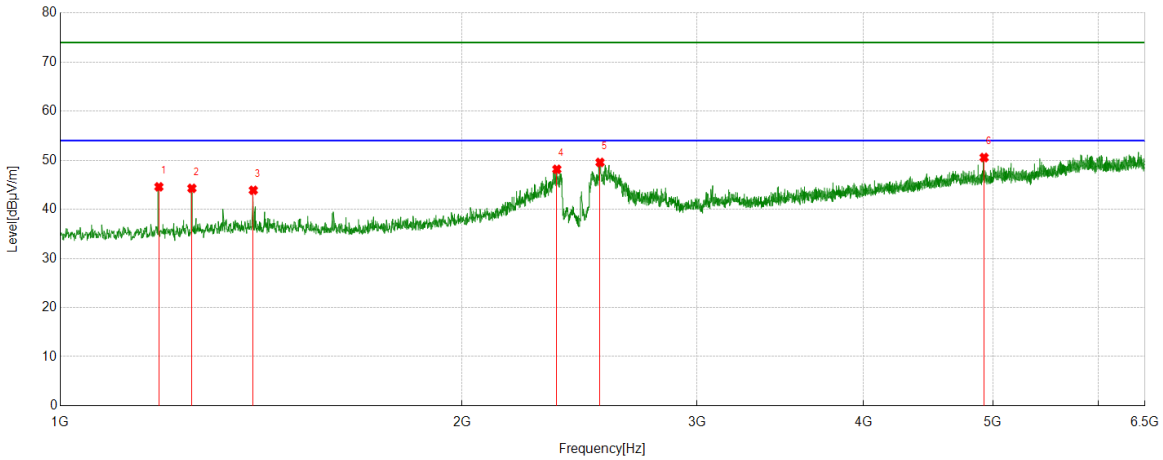


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	42.86	-0.86	42.00	74.00	-32.00	Horizontal
2	1399.4874	41.74	-0.49	41.25	74.00	-32.75	Horizontal
3	2349.0436	45.18	3.89	49.07	74.00	-24.93	Horizontal
4	2540.8801	47.29	3.94	51.23	74.00	-22.77	Horizontal
5	4341.6677	38.38	9.78	48.16	74.00	-25.84	Horizontal
6	5871.5464	35.85	15.59	51.44	74.00	-22.56	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS

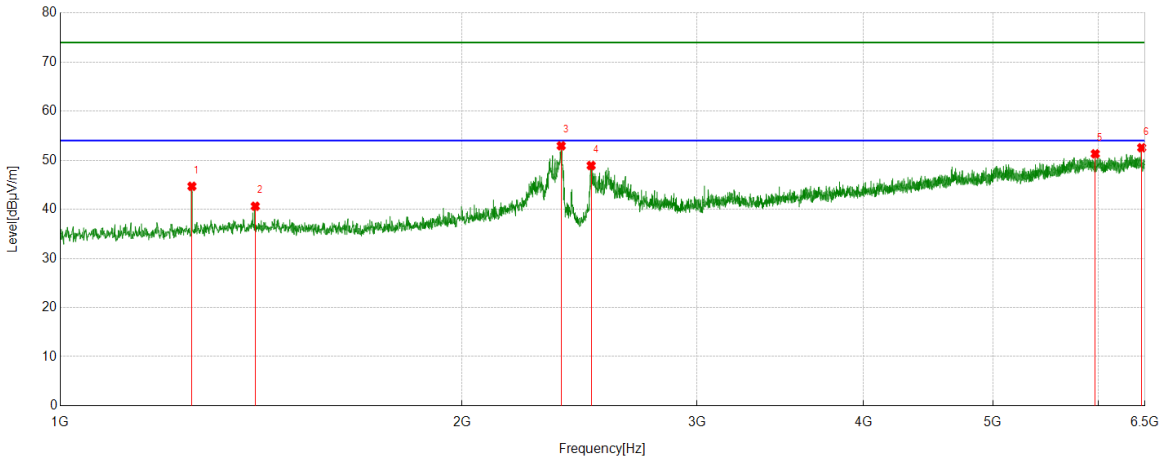


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1185.6482	45.79	-1.21	44.58	74.00	-29.42	Vertical
2	1255.0944	45.14	-0.86	44.28	74.00	-29.72	Vertical
3	1395.3619	44.31	-0.43	43.88	74.00	-30.12	Vertical
4	2355.9195	44.32	3.84	48.16	74.00	-25.84	Vertical
5	2538.1298	45.69	3.87	49.56	74.00	-24.44	Vertical
6	4924.0530	38.32	12.24	50.56	74.00	-23.44	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS

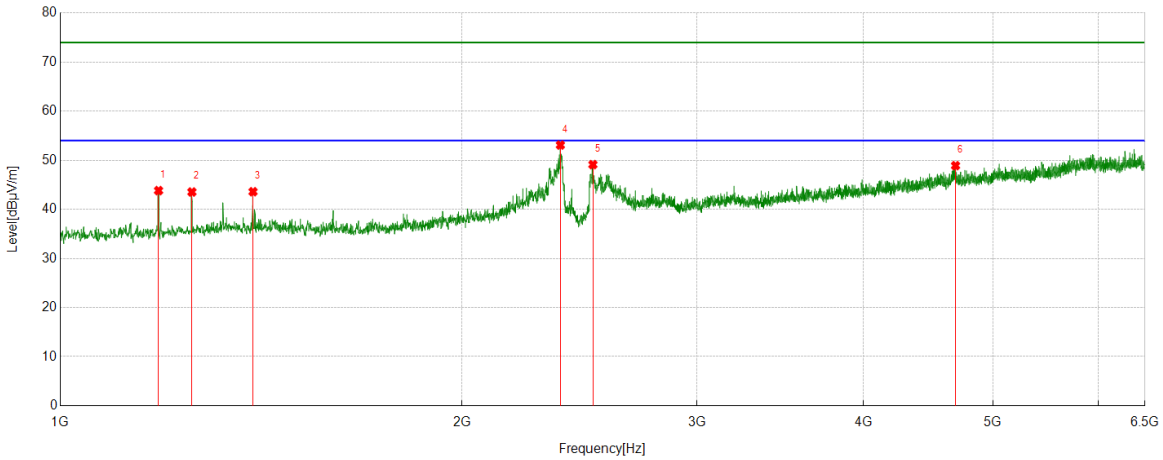


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	45.55	-0.86	44.69	74.00	-29.31	Horizontal
2	1400.1750	41.13	-0.50	40.63	74.00	-33.37	Horizontal
3	2373.7967	49.16	3.78	52.94	74.00	-21.06	Horizontal
4	2499.6250	44.94	3.98	48.92	74.00	-25.08	Horizontal
5	5965.7457	35.50	15.81	51.31	74.00	-22.69	Horizontal
6	6463.5579	35.09	17.46	52.55	74.00	-21.45	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS

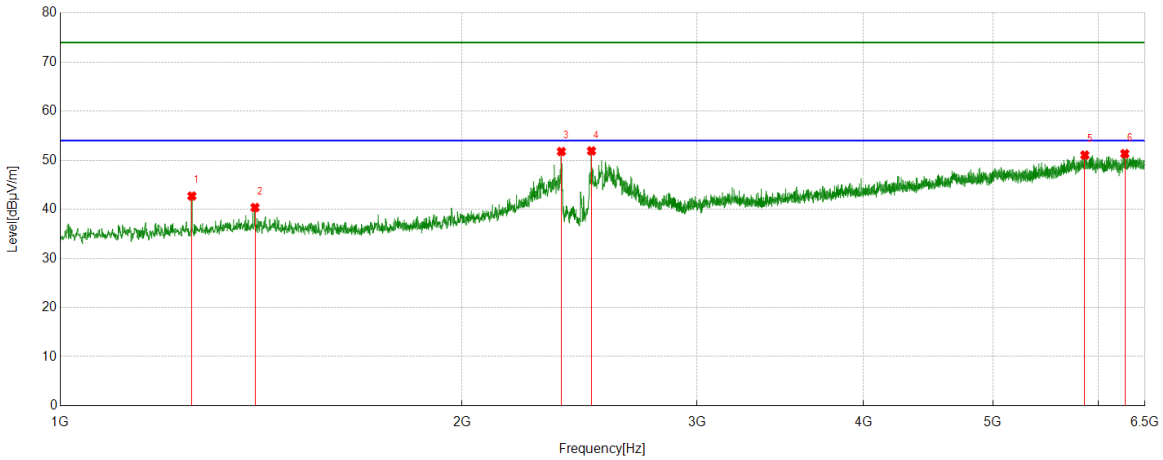


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1184.9606	45.01	-1.19	43.82	74.00	-30.18	Vertical
2	1255.0944	44.39	-0.86	43.53	74.00	-30.47	Vertical
3	1394.6743	44.02	-0.43	43.59	74.00	-30.41	Vertical
4	2370.3588	49.30	3.79	53.09	74.00	-20.91	Vertical
5	2507.1884	45.13	3.98	49.11	74.00	-24.89	Vertical
6	4687.5234	35.98	12.92	48.90	74.00	-25.10	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS

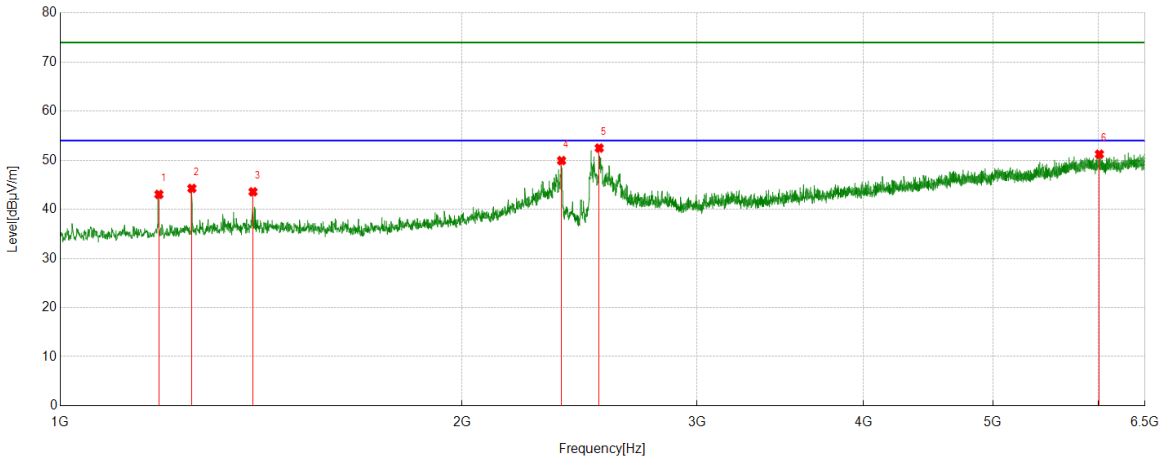


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	43.57	-0.86	42.71	74.00	-31.29	Horizontal
2	1399.4874	40.85	-0.49	40.36	74.00	-33.64	Horizontal
3	2374.4843	48.00	3.77	51.77	74.00	-22.23	Horizontal
4	2501.0001	47.92	3.98	51.90	74.00	-22.10	Horizontal
5	5859.1699	35.47	15.58	51.05	74.00	-22.95	Horizontal
6	6277.9097	34.66	16.68	51.34	74.00	-22.66	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS

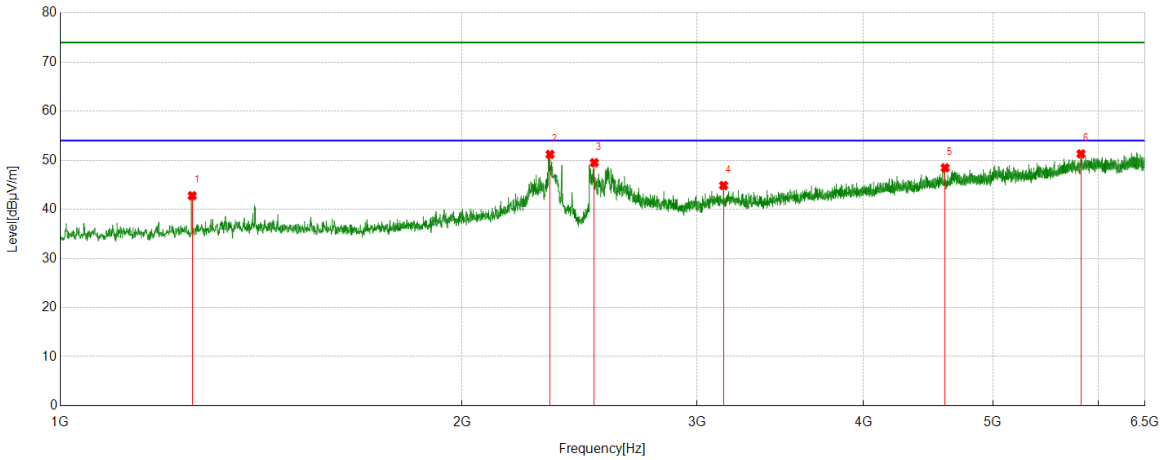


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1185.6482	44.25	-1.21	43.04	74.00	-30.96	Vertical
2	1255.0944	45.12	-0.86	44.26	74.00	-29.74	Vertical
3	1394.6743	44.00	-0.43	43.57	74.00	-30.43	Vertical
4	2375.1719	46.15	3.78	49.93	74.00	-24.07	Vertical
5	2534.6918	48.76	3.72	52.48	74.00	-21.52	Vertical
6	6008.3760	35.32	15.91	51.23	74.00	-22.77	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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	HCH	Horizontal	PASS

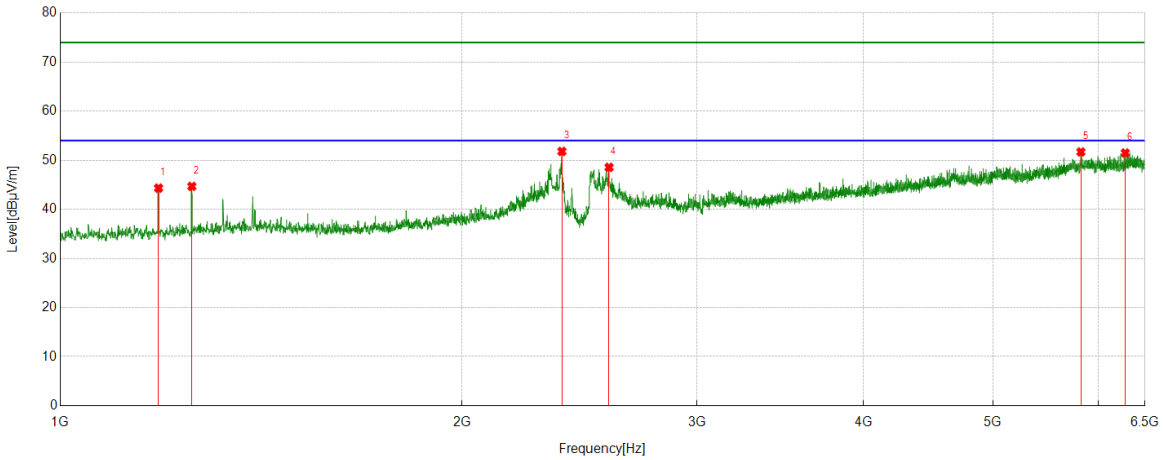


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.7820	43.63	-0.86	42.77	74.00	-31.23	Horizontal
2	2328.4161	46.95	4.24	51.19	74.00	-22.81	Horizontal
3	2513.3767	45.62	3.88	49.50	74.00	-24.50	Horizontal
4	3141.1426	38.34	6.51	44.85	74.00	-29.15	Horizontal
5	4604.3255	37.30	11.15	48.45	74.00	-25.55	Horizontal
6	5820.6651	34.71	16.58	51.29	74.00	-22.71	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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	HCH	Vertical	PASS

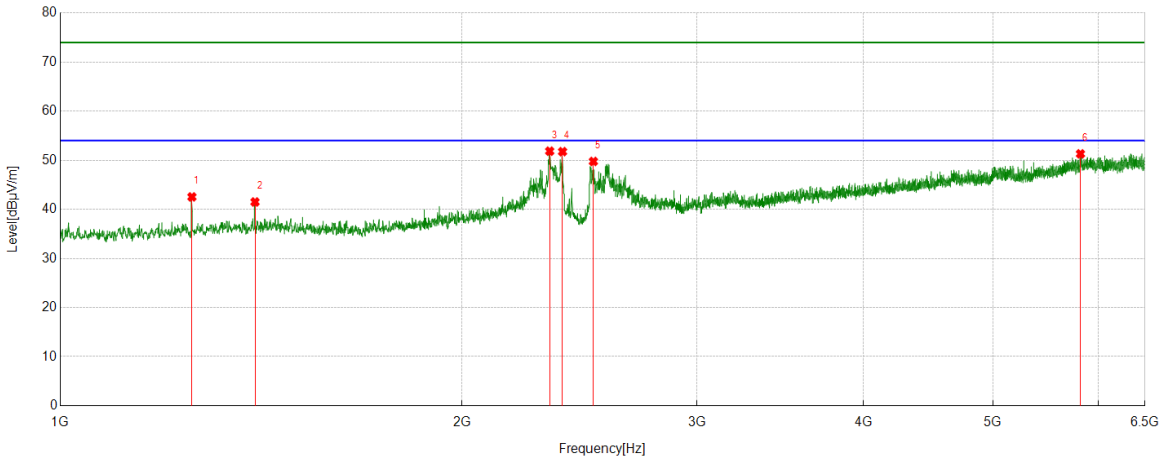


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1184.9606	45.51	-1.19	44.32	74.00	-29.68	Vertical
2	1255.0944	45.54	-0.86	44.68	74.00	-29.32	Vertical
3	2376.5471	48.03	3.77	51.80	74.00	-22.20	Vertical
4	2578.0098	44.85	3.71	48.56	74.00	-25.44	Vertical
5	5819.9775	35.11	16.58	51.69	74.00	-22.31	Vertical
6	6282.7228	34.80	16.68	51.48	74.00	-22.52	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT20	LCH	Horizontal	PASS

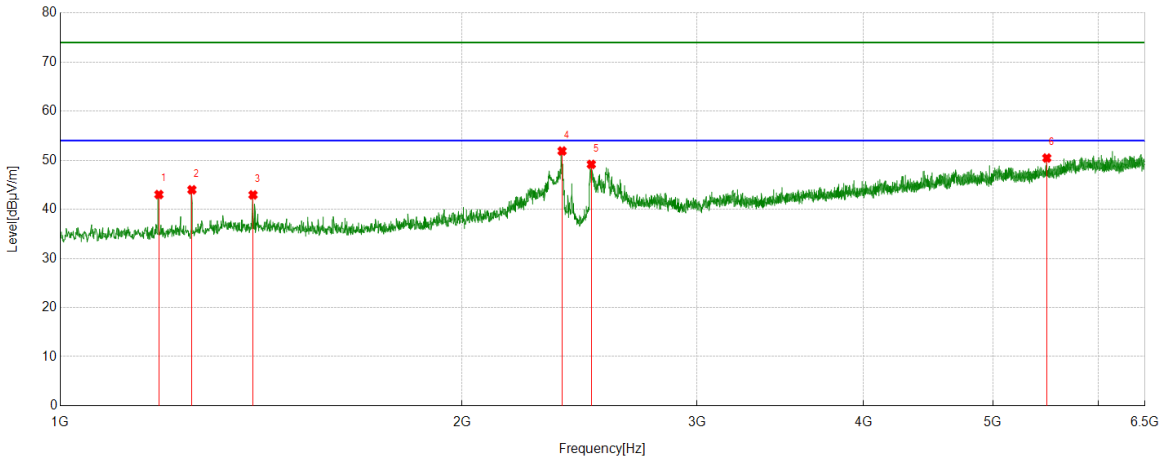


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	43.39	-0.86	42.53	74.00	-31.47	Horizontal
2	1399.4874	41.99	-0.49	41.50	74.00	-32.50	Horizontal
3	2327.0409	47.64	4.21	51.85	74.00	-22.15	Horizontal
4	2379.2974	47.98	3.77	51.75	74.00	-22.25	Horizontal
5	2509.2512	45.79	3.97	49.76	74.00	-24.24	Horizontal
6	5815.1644	34.98	16.32	51.30	74.00	-22.70	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT20	LCH	Vertical	PASS

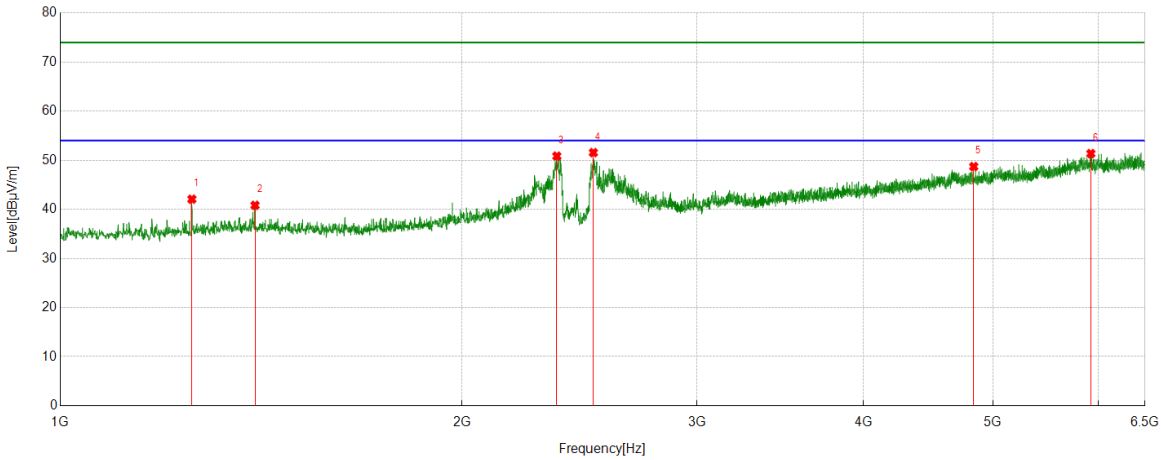


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1185.6482	44.22	-1.21	43.01	74.00	-30.99	Vertical
2	1255.0944	44.84	-0.86	43.98	74.00	-30.02	Vertical
3	1394.6743	43.37	-0.43	42.94	74.00	-31.06	Vertical
4	2377.2347	48.11	3.77	51.88	74.00	-22.12	Vertical
5	2500.3125	45.18	3.98	49.16	74.00	-24.84	Vertical
6	5487.1859	36.69	13.76	50.45	74.00	-23.55	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT20	MCH	Horizontal	PASS

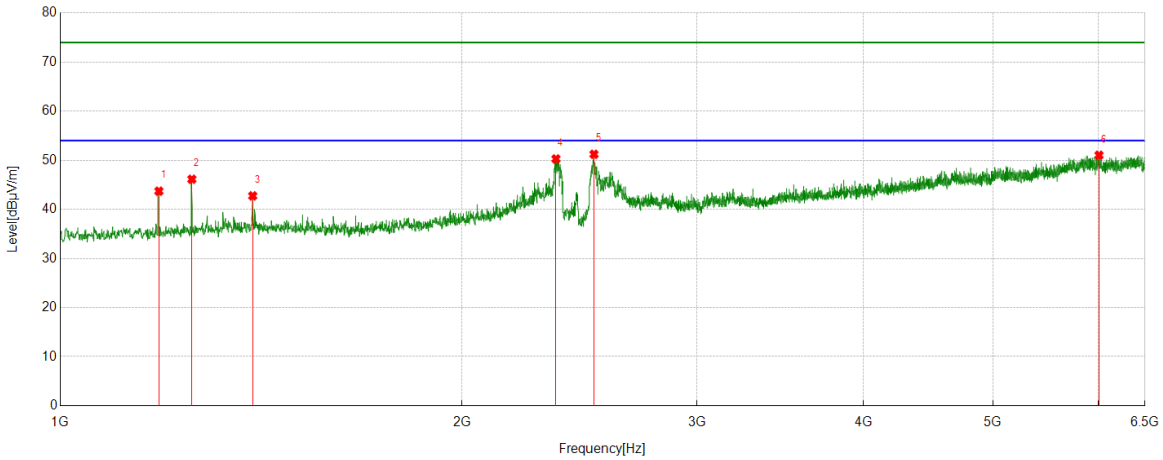


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	42.93	-0.86	42.07	74.00	-31.93	Horizontal
2	1399.4874	41.31	-0.49	40.82	74.00	-33.18	Horizontal
3	2355.9195	47.00	3.84	50.84	74.00	-23.16	Horizontal
4	2509.2512	47.59	3.97	51.56	74.00	-22.44	Horizontal
5	4836.7296	36.60	12.11	48.71	74.00	-25.29	Horizontal
6	5920.3650	35.06	16.30	51.36	74.00	-22.64	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT20	MCH	Vertical	PASS

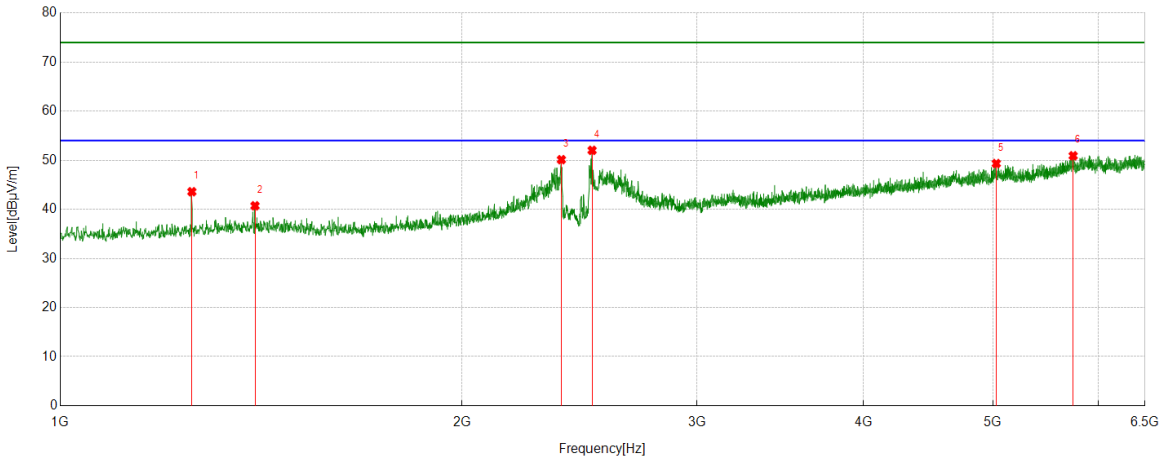


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1185.6482	44.91	-1.21	43.70	74.00	-30.30	Vertical
2	1255.0944	46.99	-0.86	46.13	74.00	-27.87	Vertical
3	1393.9867	43.16	-0.42	42.74	74.00	-31.26	Vertical
4	2352.4816	46.41	3.86	50.27	74.00	-23.73	Vertical
5	2512.0015	47.30	3.92	51.22	74.00	-22.78	Vertical
6	6004.2505	35.05	15.97	51.02	74.00	-22.98	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT20	HCH	Horizontal	PASS

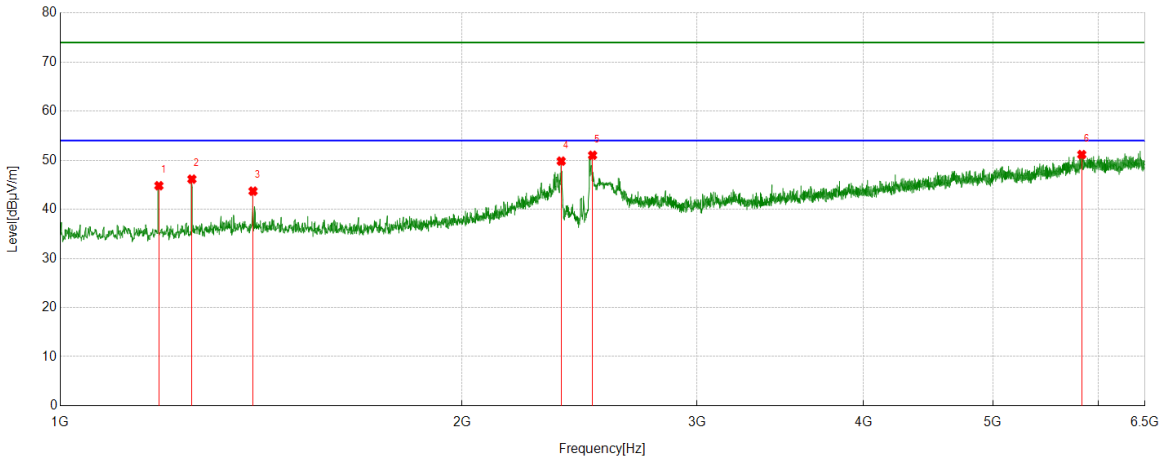


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	44.45	-0.86	43.59	74.00	-30.41	Horizontal
2	1399.4874	41.21	-0.49	40.72	74.00	-33.28	Horizontal
3	2374.4843	46.35	3.77	50.12	74.00	-23.88	Horizontal
4	2503.7505	48.05	3.97	52.02	74.00	-21.98	Horizontal
5	5029.2537	36.31	13.02	49.33	74.00	-24.67	Horizontal
6	5742.2803	35.35	15.56	50.91	74.00	-23.09	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT20	HCH	Vertical	PASS

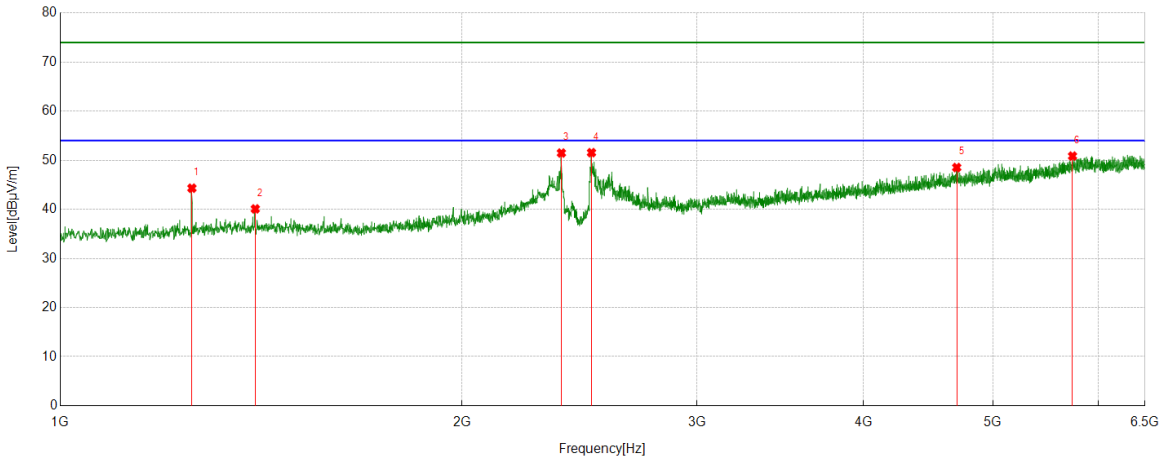


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1185.6482	46.02	-1.21	44.81	74.00	-29.19	Vertical
2	1255.0944	47.01	-0.86	46.15	74.00	-27.85	Vertical
3	1394.6743	44.13	-0.43	43.70	74.00	-30.30	Vertical
4	2373.7967	46.04	3.78	49.82	74.00	-24.18	Vertical
5	2505.8132	47.03	3.98	51.01	74.00	-22.99	Vertical
6	5828.2285	34.57	16.58	51.15	74.00	-22.85	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT40	LCH	Horizontal	PASS

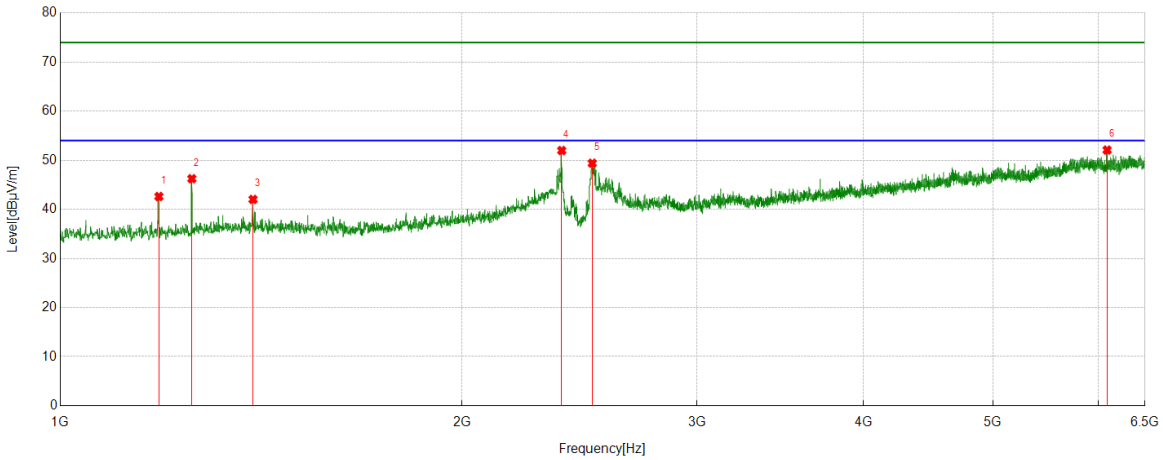


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	45.17	-0.86	44.31	74.00	-29.69	Horizontal
2	1400.1750	40.59	-0.50	40.09	74.00	-33.91	Horizontal
3	2374.4843	47.70	3.77	51.47	74.00	-22.53	Horizontal
4	2501.0001	47.57	3.98	51.55	74.00	-22.45	Horizontal
5	4697.1496	36.09	12.43	48.52	74.00	-25.48	Horizontal
6	5736.0920	35.49	15.36	50.85	74.00	-23.15	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT40	LCH	Vertical	PASS

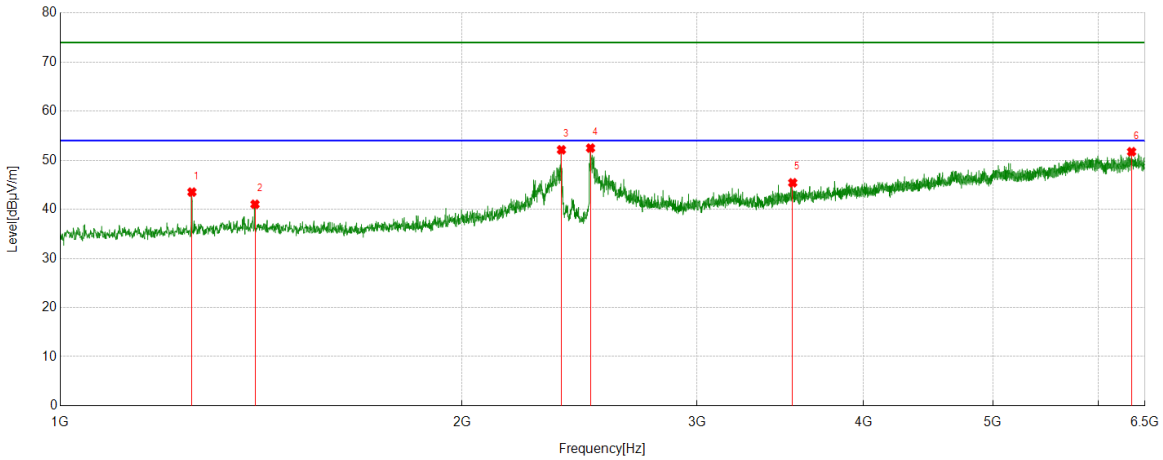


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1185.6482	43.82	-1.21	42.61	74.00	-31.39	Vertical
2	1255.0944	47.10	-0.86	46.24	74.00	-27.76	Vertical
3	1394.6743	42.45	-0.43	42.02	74.00	-31.98	Vertical
4	2375.8595	48.21	3.77	51.98	74.00	-22.02	Vertical
5	2504.4381	45.42	3.97	49.39	74.00	-24.61	Vertical
6	6088.8236	36.45	15.63	52.08	74.00	-21.92	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT40	MCH	Horizontal	PASS

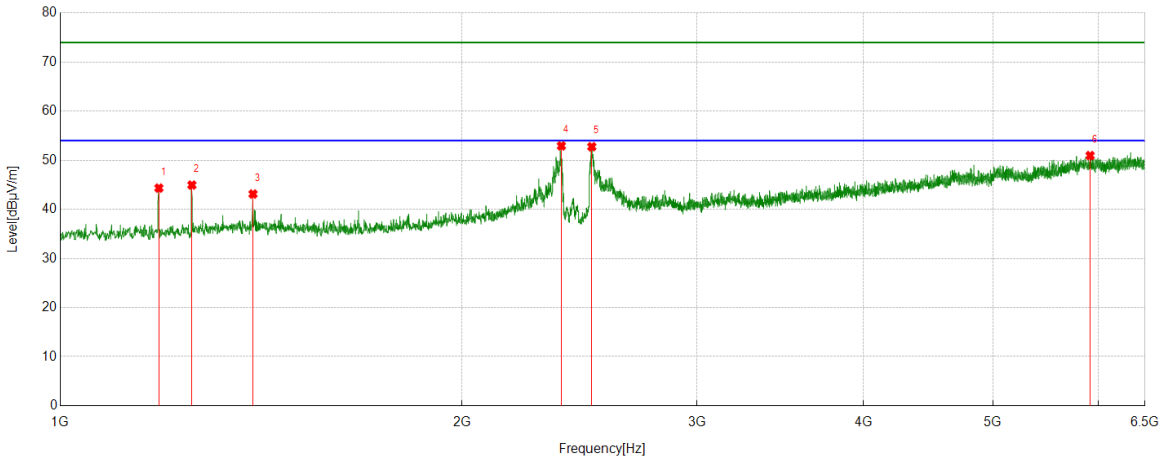


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	44.37	-0.86	43.51	74.00	-30.49	Horizontal
2	1399.4874	41.52	-0.49	41.03	74.00	-32.97	Horizontal
3	2374.4843	48.35	3.77	52.12	74.00	-21.88	Horizontal
4	2496.8746	48.51	3.97	52.48	74.00	-21.52	Horizontal
5	3539.2549	37.42	7.99	45.41	74.00	-28.59	Horizontal
6	6351.4814	34.14	17.59	51.73	74.00	-22.27	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT40	MCH	Vertical	PASS

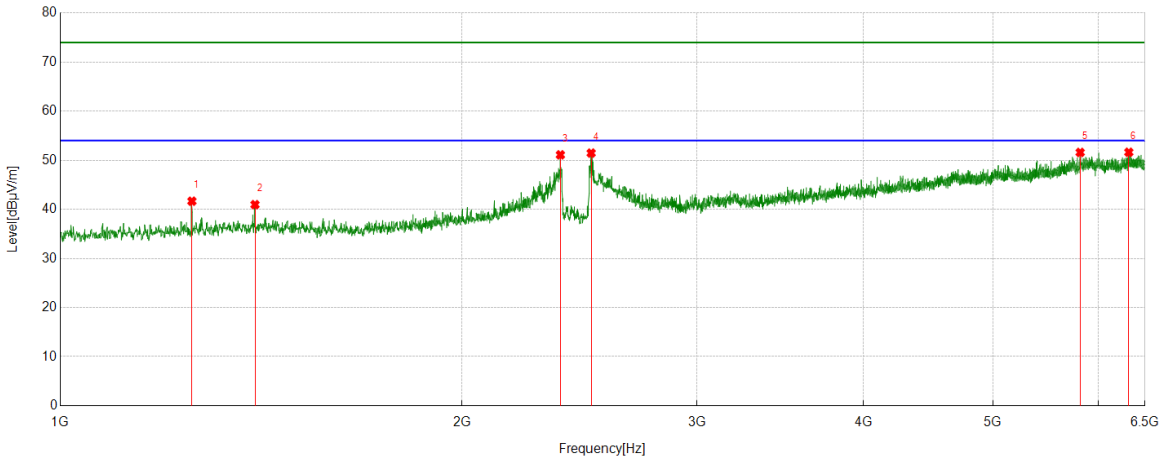


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1185.6482	45.54	-1.21	44.33	74.00	-29.67	Vertical
2	1255.0944	45.81	-0.86	44.95	74.00	-29.05	Vertical
3	1394.6743	43.55	-0.43	43.12	74.00	-30.88	Vertical
4	2374.4843	49.16	3.77	52.93	74.00	-21.07	Vertical
5	2502.3753	48.78	3.98	52.76	74.00	-21.24	Vertical
6	5912.8016	35.02	15.93	50.95	74.00	-23.05	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT40	HCH	Horizontal	PASS

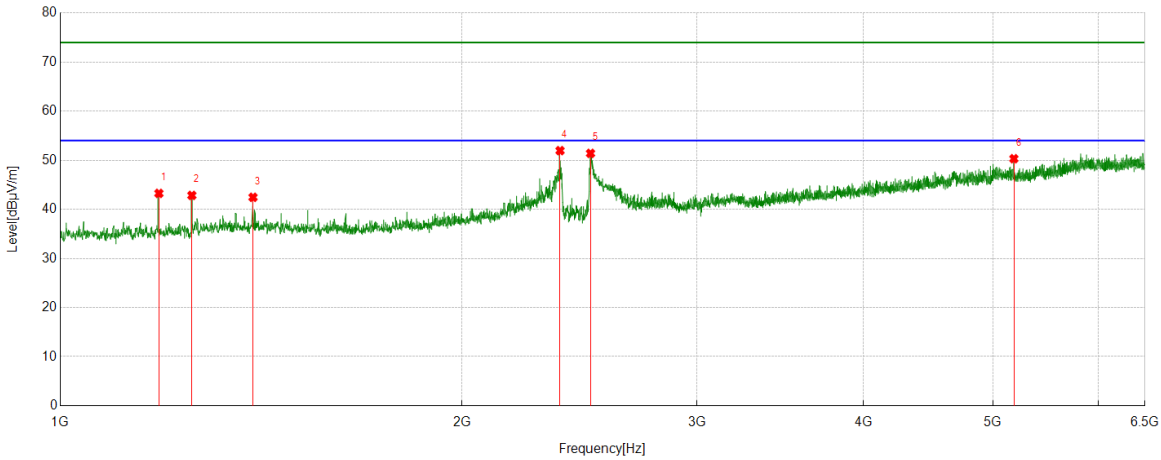


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1255.0944	42.52	-0.86	41.66	74.00	-32.34	Horizontal
2	1399.4874	41.45	-0.49	40.96	74.00	-33.04	Horizontal
3	2370.3588	47.31	3.79	51.10	74.00	-22.90	Horizontal
4	2499.6250	47.48	3.98	51.46	74.00	-22.54	Horizontal
5	5812.4141	35.42	16.17	51.59	74.00	-22.41	Horizontal
6	6321.2277	34.53	17.10	51.63	74.00	-22.37	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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
11N HT40	HCH	Vertical	PASS



PK Result:

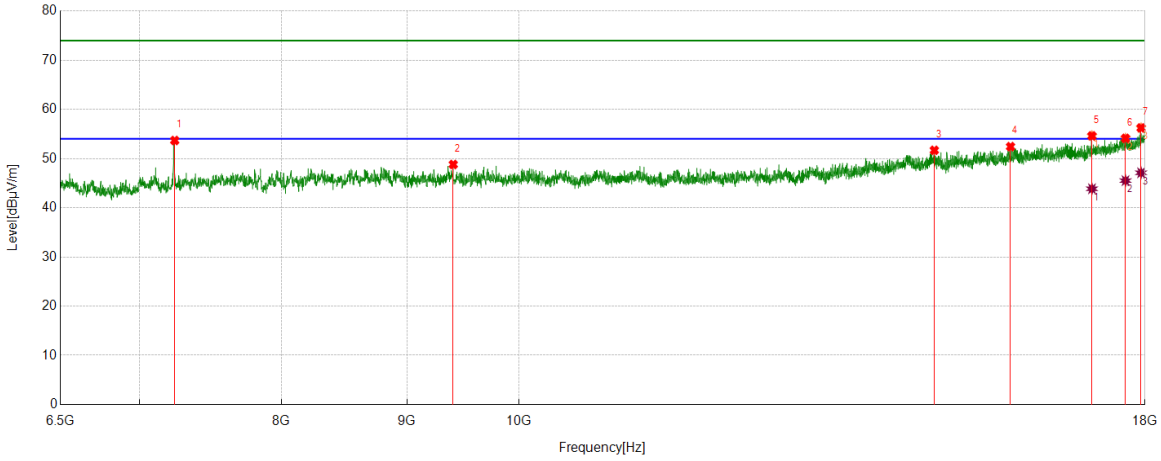
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1185.6482	44.46	-1.21	43.25	74.00	-30.75	Vertical
2	1255.0944	43.70	-0.86	42.84	74.00	-31.16	Vertical
3	1394.6743	42.88	-0.43	42.45	74.00	-31.55	Vertical
4	2368.9836	48.17	3.79	51.96	74.00	-22.04	Vertical
5	2496.8746	47.43	3.97	51.40	74.00	-22.60	Vertical
6	5183.9605	37.22	13.09	50.31	74.00	-23.69	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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.

Part 2: 6.5GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

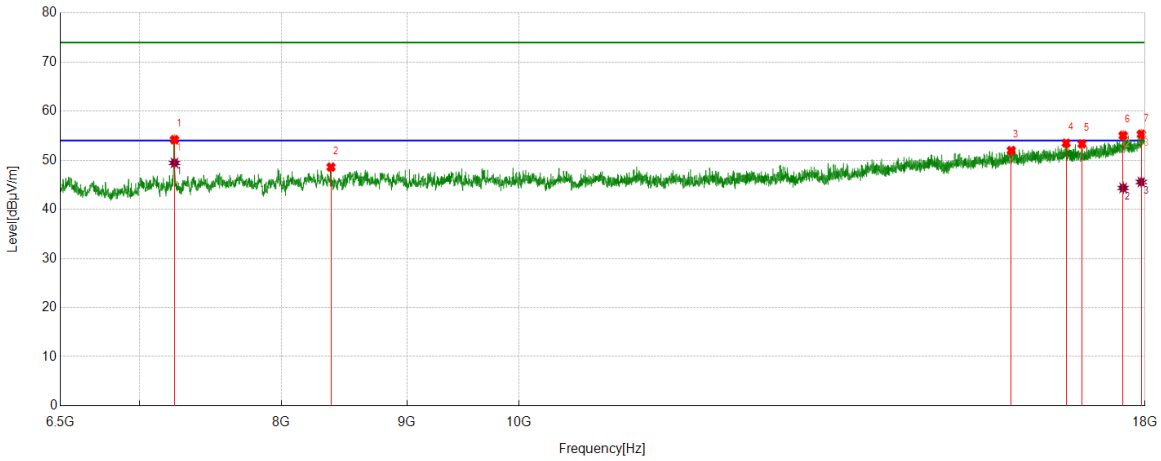
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7237.5297	49.90	3.78	53.68	74.00	-20.32	Horizontal
2	9401.2377	42.20	6.60	48.80	74.00	-25.20	Horizontal
3	14769.5337	38.76	12.93	51.69	74.00	-22.31	Horizontal
4	15865.0456	37.76	14.67	52.43	74.00	-21.57	Horizontal
5	17125.8907	38.07	16.55	54.62	74.00	-19.38	Horizontal
6	17673.6467	36.04	18.08	54.12	74.00	-19.88	Horizontal
7	17933.8667	36.84	19.40	56.24	74.00	-17.76	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17125.8907	27.31	16.55	43.86	54.00	-10.14	Horizontal
2	17673.6467	27.44	18.08	45.52	54.00	-8.48	Horizontal
3	17933.8667	27.71	19.40	47.11	54.00	-6.89	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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	LCH	Vertical	PASS



PK Result:

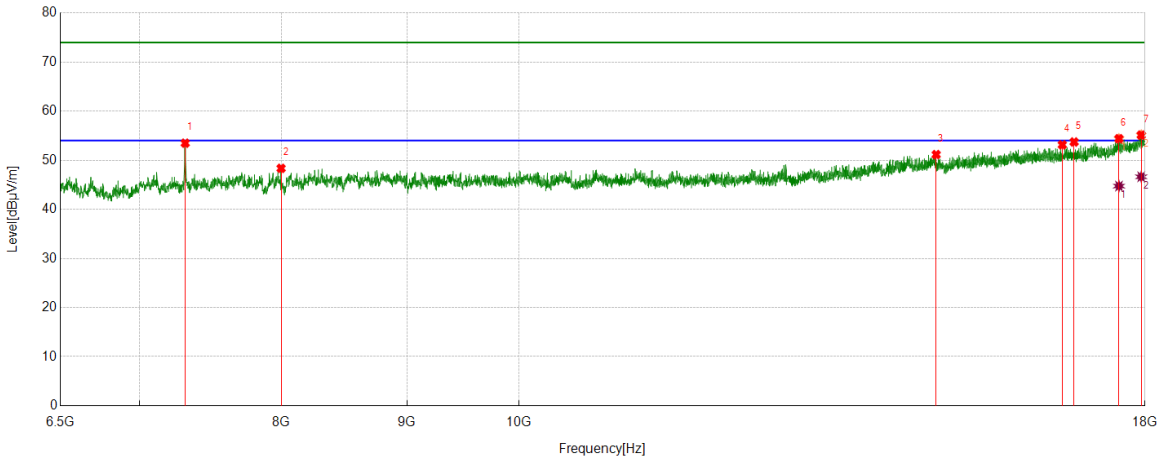
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7236.0920	50.37	3.81	54.18	74.00	-19.82	Vertical
2	8381.9227	42.81	5.79	48.60	74.00	-25.40	Vertical
3	15875.1094	37.27	14.71	51.98	74.00	-22.02	Vertical
4	16716.1520	37.38	16.10	53.48	74.00	-20.52	Vertical
5	16966.3083	37.23	16.10	53.33	74.00	-20.67	Vertical
6	17634.8294	37.03	18.02	55.05	74.00	-18.95	Vertical
7	17938.1798	35.87	19.43	55.30	74.00	-18.70	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7236.0920	45.64	3.81	49.45	54.00	-4.55	Vertical
2	17634.8294	26.34	18.02	44.36	54.00	-9.64	Vertical
3	17938.1798	26.14	19.43	45.57	54.00	-8.43	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

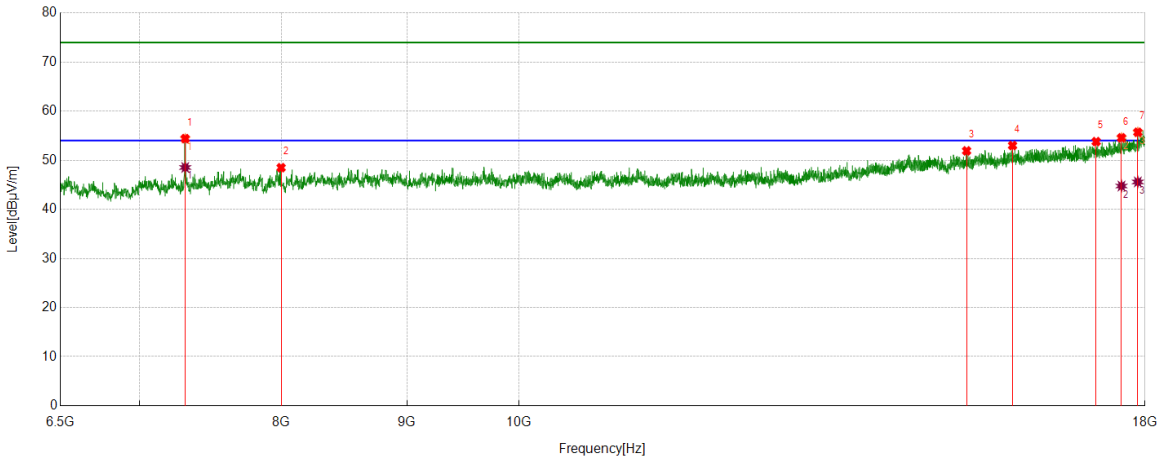
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7309.4137	49.63	3.85	53.48	74.00	-20.52	Horizontal
2	7998.0623	43.01	5.34	48.35	74.00	-25.65	Horizontal
3	14795.4119	38.30	12.85	51.15	74.00	-22.85	Horizontal
4	16655.7695	37.49	15.65	53.14	74.00	-20.86	Horizontal
5	16841.2302	37.46	16.26	53.72	74.00	-20.28	Horizontal
6	17565.8207	36.54	17.85	54.39	74.00	-19.61	Horizontal
7	17936.7421	35.71	19.42	55.13	74.00	-18.87	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17565.8207	26.89	17.85	44.74	54.00	-9.26	Horizontal
2	17936.7421	27.21	19.42	46.63	54.00	-7.37	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

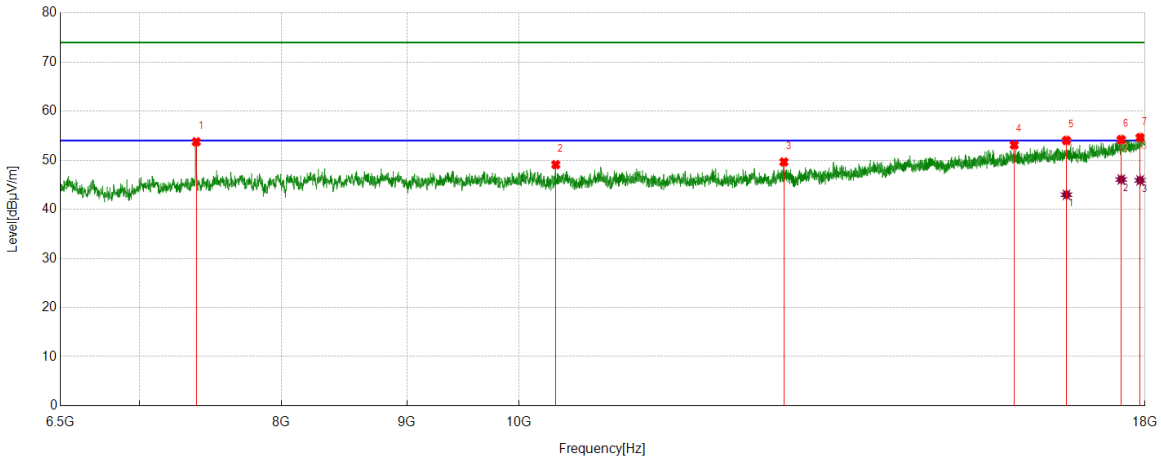
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7309.4137	50.55	3.85	54.40	74.00	-19.60	Vertical
2	7998.0623	43.15	5.34	48.49	74.00	-25.51	Vertical
3	15223.8405	38.52	13.39	51.91	74.00	-22.09	Vertical
4	15895.2369	38.41	14.59	53.00	74.00	-21.00	Vertical
5	17193.4617	37.20	16.60	53.80	74.00	-20.20	Vertical
6	17607.5134	36.51	18.06	54.57	74.00	-19.43	Vertical
7	17879.2349	36.52	19.18	55.70	74.00	-18.30	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7309.4137	44.68	3.85	48.53	54.00	-5.47	Vertical
2	17607.5134	26.69	18.06	44.75	54.00	-9.25	Vertical
3	17879.2349	26.40	19.18	45.58	54.00	-8.42	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

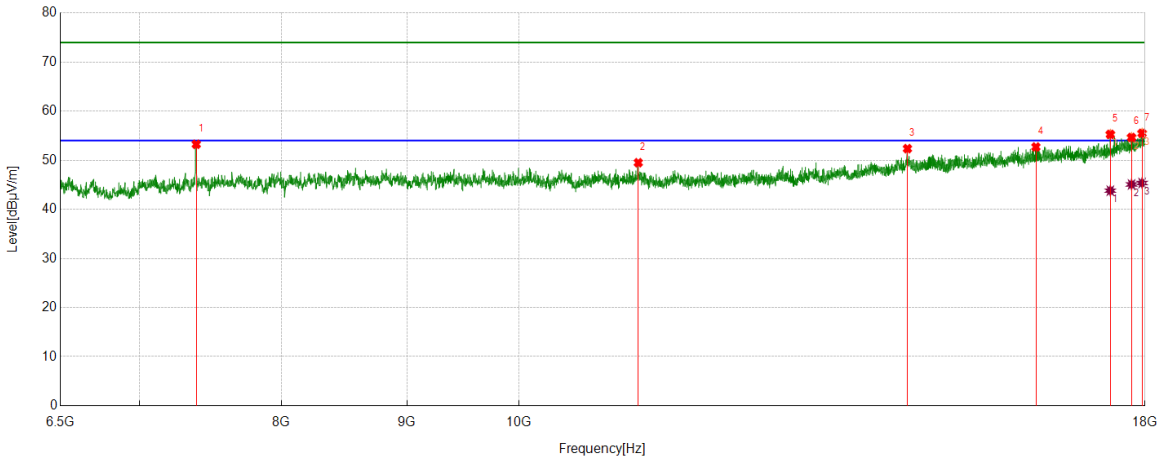
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7385.6107	49.59	4.16	53.75	74.00	-20.25	Horizontal
2	10351.5439	42.37	6.73	49.10	74.00	-24.90	Horizontal
3	12824.3530	40.34	9.31	49.65	74.00	-24.35	Horizontal
4	15919.6775	38.67	14.45	53.12	74.00	-20.88	Horizontal
5	16720.4651	37.70	16.32	54.02	74.00	-19.98	Horizontal
6	17603.2004	36.16	18.04	54.20	74.00	-19.80	Horizontal
7	17918.0523	35.29	19.33	54.62	74.00	-19.38	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	16720.4651	26.65	16.32	42.97	54.00	-11.03	Horizontal
2	17603.2004	28.04	18.04	46.08	54.00	-7.92	Horizontal
3	17918.0523	26.58	19.33	45.91	54.00	-8.09	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

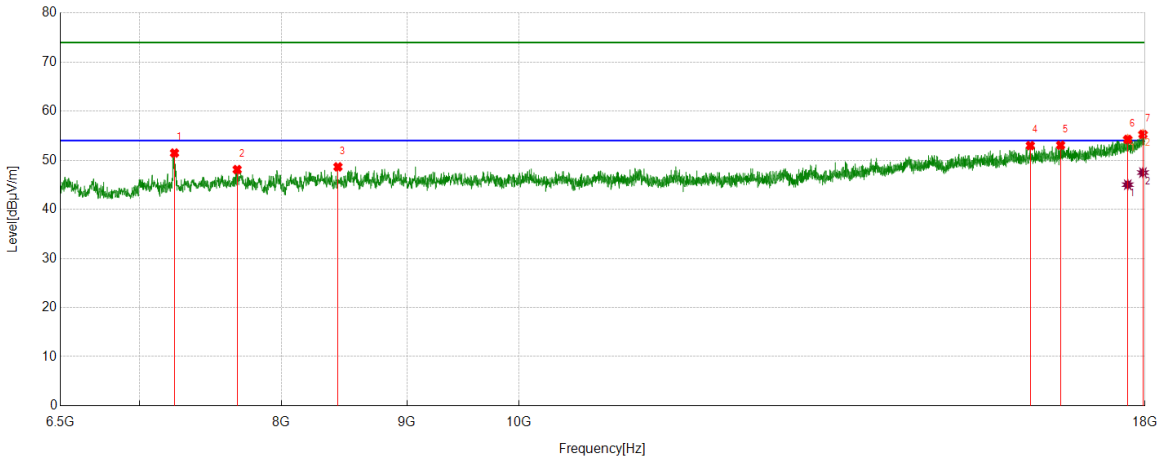
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7385.6107	49.09	4.16	53.25	74.00	-20.75	Vertical
2	11185.3982	42.20	7.30	49.50	74.00	-24.50	Vertical
3	14401.4877	39.61	12.75	52.36	74.00	-21.64	Vertical
4	16247.4684	37.33	15.37	52.70	74.00	-21.30	Vertical
5	17423.4904	37.84	17.43	55.27	74.00	-18.73	Vertical
6	17774.2843	35.93	18.71	54.64	74.00	-19.36	Vertical
7	17951.1189	35.99	19.50	55.49	74.00	-18.51	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17423.4904	26.37	17.43	43.80	54.00	-10.20	Vertical
2	17774.2843	26.36	18.71	45.07	54.00	-8.93	Vertical
3	17951.1189	25.86	19.50	45.36	54.00	-8.64	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

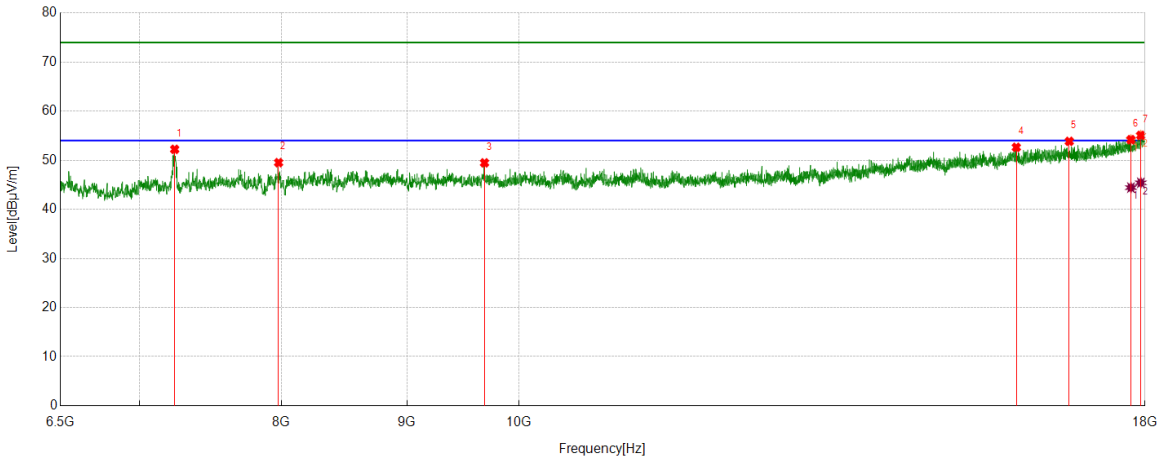
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7236.0920	47.66	3.81	51.47	74.00	-22.53	Horizontal
2	7674.5843	42.83	5.27	48.10	74.00	-25.90	Horizontal
3	8436.5546	42.63	6.02	48.65	74.00	-25.35	Horizontal
4	16162.6453	37.98	15.00	52.98	74.00	-21.02	Horizontal
5	16628.4536	37.24	15.82	53.06	74.00	-20.94	Horizontal
6	17711.0264	35.87	18.37	54.24	74.00	-19.76	Horizontal
7	17965.4957	35.65	19.63	55.28	74.00	-18.72	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17711.0264	26.65	18.37	45.02	54.00	-8.98	Horizontal
2	17965.4957	27.86	19.63	47.49	54.00	-6.51	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

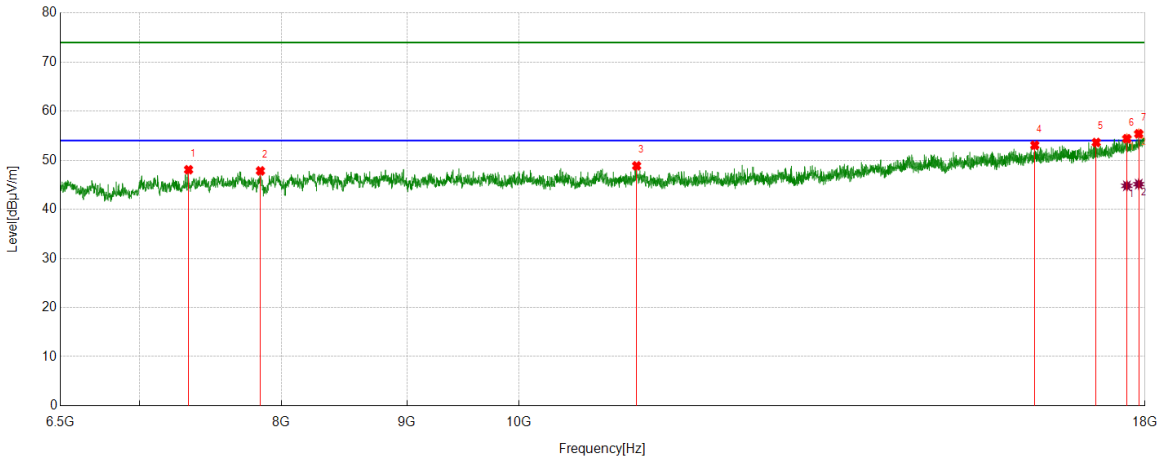
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7237.5297	48.44	3.78	52.22	74.00	-21.78	Vertical
2	7979.3724	44.15	5.36	49.51	74.00	-24.49	Vertical
3	9681.5852	42.98	6.49	49.47	74.00	-24.53	Vertical
4	15951.3064	38.17	14.46	52.63	74.00	-21.37	Vertical
5	16765.0331	37.82	16.03	53.85	74.00	-20.15	Vertical
6	17764.2205	35.63	18.56	54.19	74.00	-19.81	Vertical
7	17929.5537	35.70	19.37	55.07	74.00	-18.93	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17764.2205	25.87	18.56	44.43	54.00	-9.57	Vertical
2	17929.5537	26.04	19.37	45.41	54.00	-8.59	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

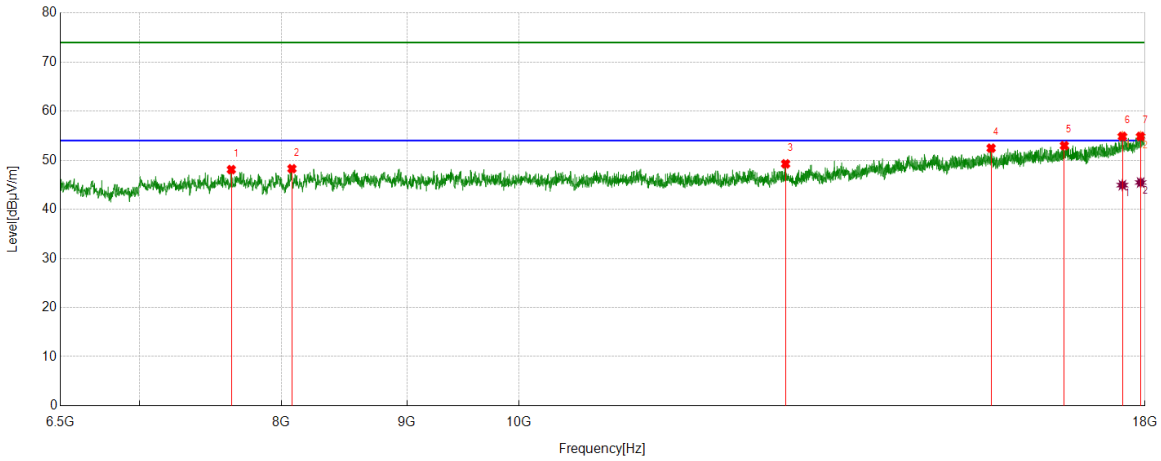
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7332.4166	44.18	3.89	48.07	74.00	-25.93	Horizontal
2	7844.2305	42.45	5.38	47.83	74.00	-26.17	Horizontal
3	11168.1460	41.59	7.27	48.86	74.00	-25.14	Horizontal
4	16230.2163	37.75	15.31	53.06	74.00	-20.94	Horizontal
5	17194.8994	37.02	16.60	53.62	74.00	-20.38	Horizontal
6	17696.6496	36.15	18.24	54.39	74.00	-19.61	Horizontal
7	17895.0494	36.14	19.25	55.39	74.00	-18.61	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17696.6496	26.55	18.24	44.79	54.00	-9.21	Horizontal
2	17895.0494	25.88	19.25	45.13	54.00	-8.87	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

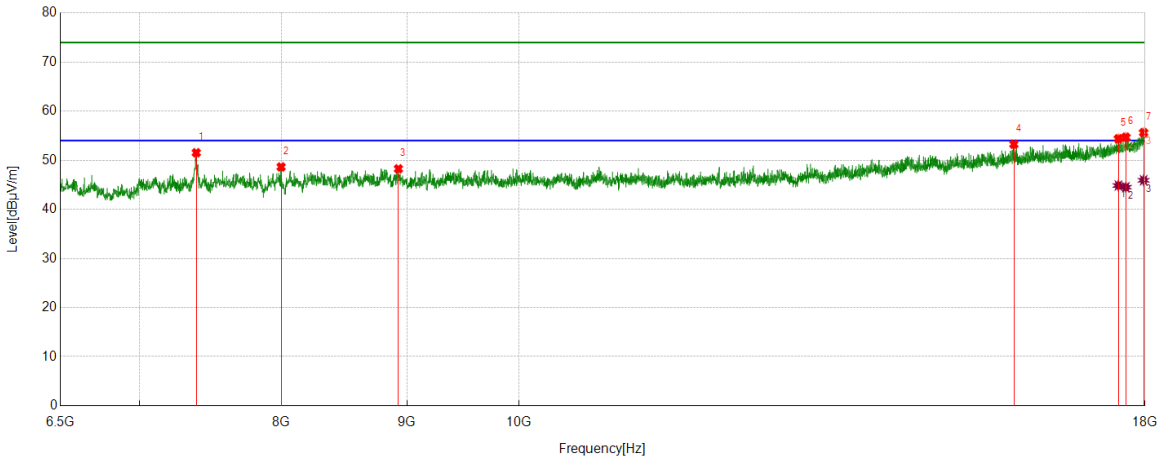
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7632.8916	42.92	5.17	48.09	74.00	-25.91	Vertical
2	8080.0100	42.80	5.48	48.28	74.00	-25.72	Vertical
3	12844.4806	40.02	9.24	49.26	74.00	-24.74	Vertical
4	15578.9474	38.78	13.68	52.46	74.00	-21.54	Vertical
5	16687.3984	37.27	15.70	52.97	74.00	-21.03	Vertical
6	17621.8902	36.80	18.06	54.86	74.00	-19.14	Vertical
7	17926.6783	35.48	19.37	54.85	74.00	-19.15	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17621.8902	26.87	18.06	44.93	54.00	-9.07	Vertical
2	17926.6783	26.10	19.37	45.47	54.00	-8.53	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

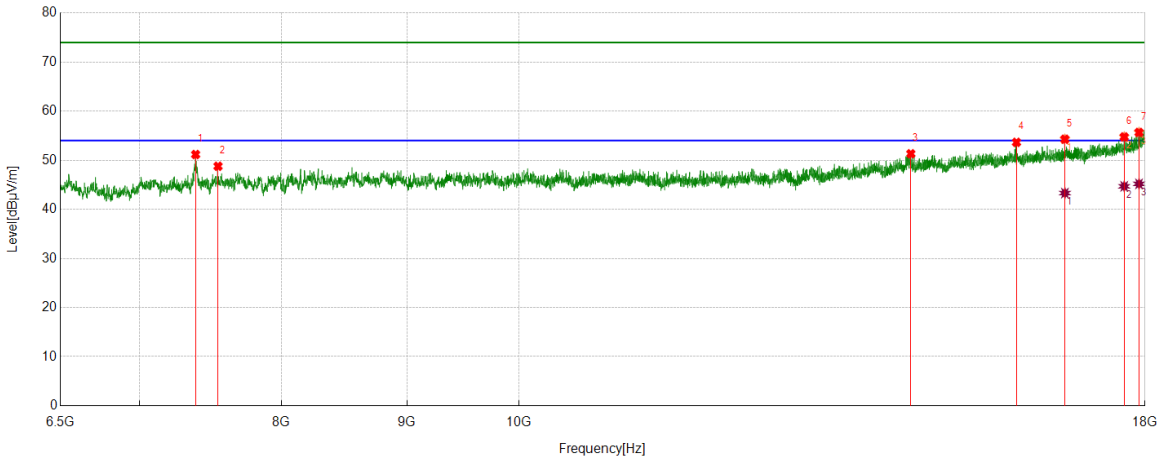
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7385.6107	47.37	4.16	51.53	74.00	-22.47	Horizontal
2	7998.0623	43.30	5.34	48.64	74.00	-25.36	Horizontal
3	8929.6787	42.16	6.09	48.25	74.00	-25.75	Horizontal
4	15915.3644	38.73	14.53	53.26	74.00	-20.74	Horizontal
5	17555.7570	36.61	17.77	54.38	74.00	-19.62	Horizontal
6	17679.3974	36.58	18.11	54.69	74.00	-19.31	Horizontal
7	17976.9971	35.88	19.75	55.63	74.00	-18.37	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17555.7570	27.08	17.77	44.85	54.00	-9.15	Horizontal
2	17679.3974	26.39	18.11	44.50	54.00	-9.50	Horizontal
3	17976.9971	26.17	19.75	45.92	54.00	-8.08	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

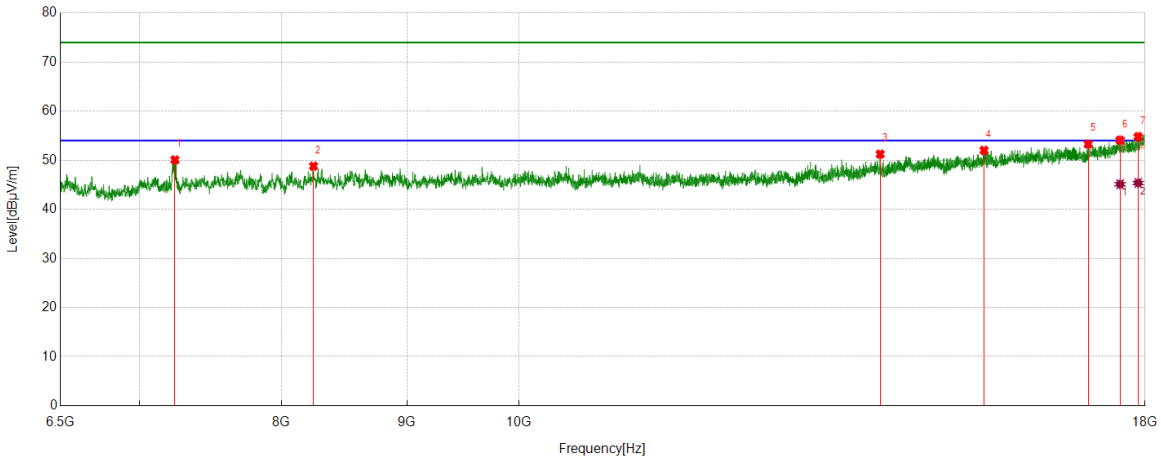
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7381.2977	47.00	4.17	51.17	74.00	-22.83	Vertical
2	7538.0048	44.24	4.54	48.78	74.00	-25.22	Vertical
3	14447.4934	38.40	12.92	51.32	74.00	-22.68	Vertical
4	15954.1818	39.16	14.49	53.65	74.00	-20.35	Vertical
5	16696.0245	38.35	15.93	54.28	74.00	-19.72	Vertical
6	17652.0815	36.71	18.04	54.75	74.00	-19.25	Vertical
7	17899.3624	36.47	19.19	55.66	74.00	-18.34	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	16696.0245	27.38	15.93	43.31	54.00	-10.69	Vertical
2	17652.0815	26.65	18.04	44.69	54.00	-9.31	Vertical
3	17899.3624	26.00	19.19	45.19	54.00	-8.81	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

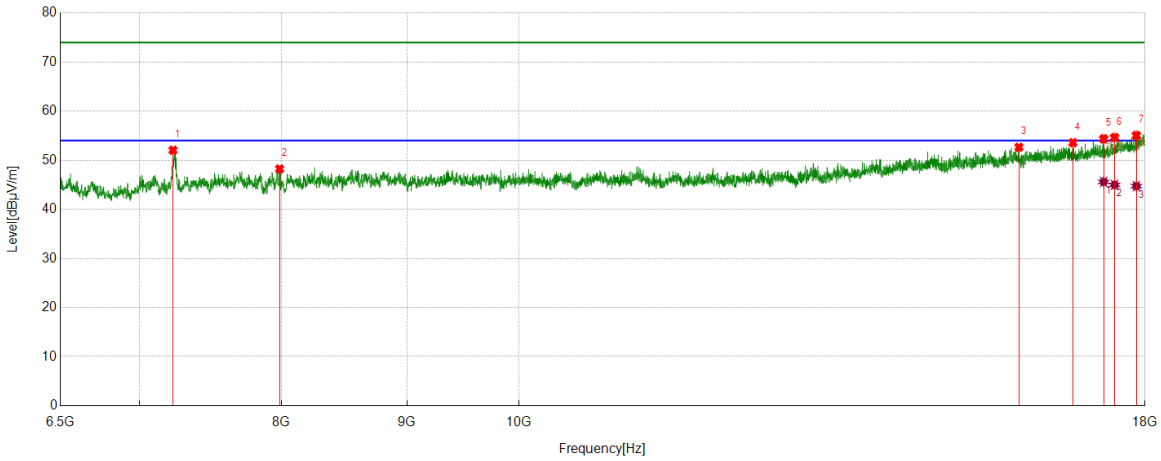
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7238.9674	46.30	3.76	50.06	74.00	-23.94	Horizontal
2	8245.3432	42.68	6.11	48.79	74.00	-25.21	Horizontal
3	14037.7547	39.34	11.91	51.25	74.00	-22.75	Horizontal
4	15475.4344	38.05	13.97	52.02	74.00	-21.98	Horizontal
5	17065.5082	37.00	16.29	53.29	74.00	-20.71	Horizontal
6	17584.5106	36.09	17.99	54.08	74.00	-19.92	Horizontal
7	17884.9856	35.55	19.24	54.79	74.00	-19.21	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17584.5106	27.12	17.99	45.11	54.00	-8.89	Horizontal
2	17884.9856	26.13	19.24	45.37	54.00	-8.63	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

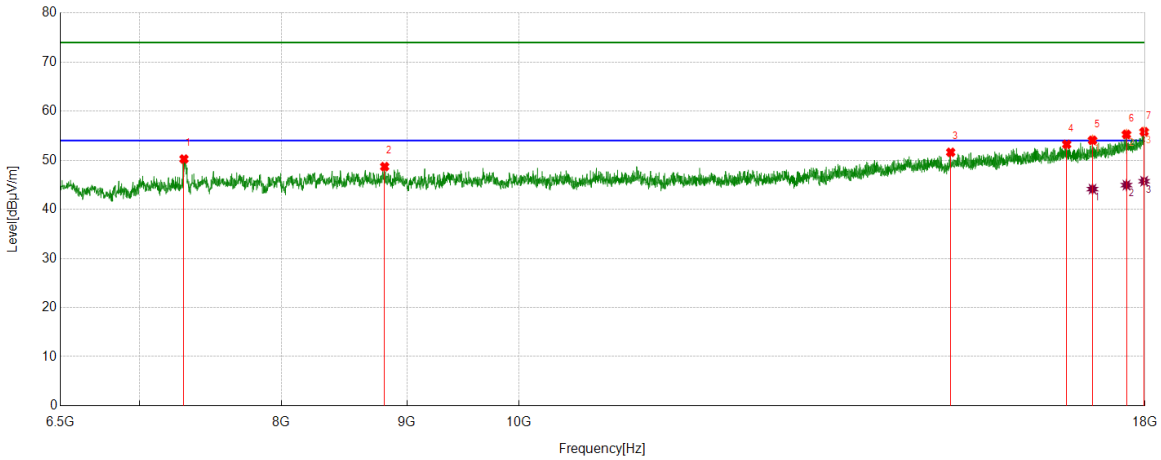
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7226.0283	48.20	3.84	52.04	74.00	-21.96	Vertical
2	7986.5608	42.71	5.52	48.23	74.00	-25.77	Vertical
3	15991.5614	38.11	14.54	52.65	74.00	-21.35	Vertical
4	16822.5403	37.42	16.16	53.58	74.00	-20.42	Vertical
5	17315.6645	37.33	17.03	54.36	74.00	-19.64	Vertical
6	17493.9367	37.00	17.63	54.63	74.00	-19.37	Vertical
7	17854.7943	35.86	19.20	55.06	74.00	-18.94	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17315.6645	28.56	17.03	45.59	54.00	-8.41	Vertical
2	17493.9367	27.35	17.63	44.98	54.00	-9.02	Vertical
3	17854.7943	25.53	19.20	44.73	54.00	-9.27	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

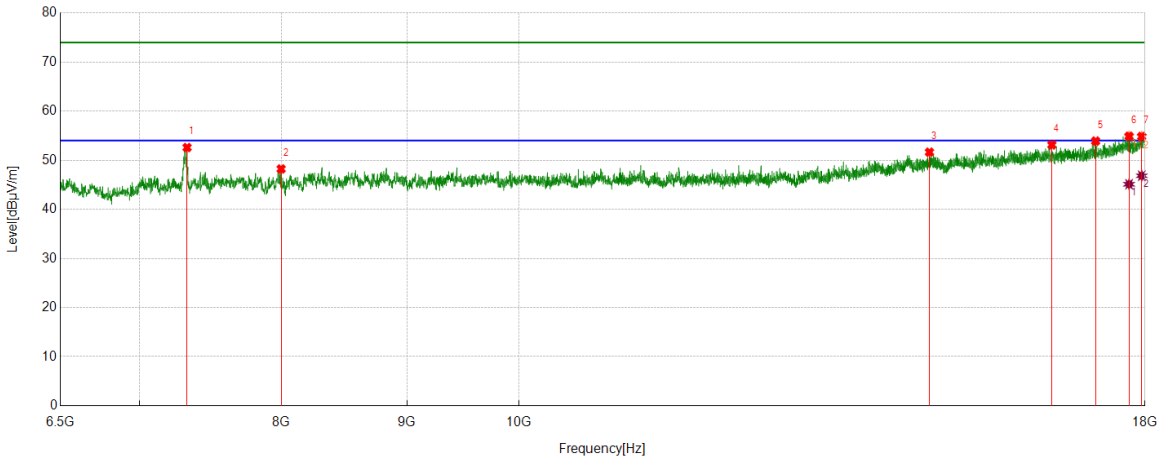
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7300.7876	46.56	3.69	50.25	74.00	-23.75	Horizontal
2	8814.6643	42.42	6.28	48.70	74.00	-25.30	Horizontal
3	14998.1248	38.67	12.95	51.62	74.00	-22.38	Horizontal
4	16724.7781	36.99	16.24	53.23	74.00	-20.77	Horizontal
5	17134.5168	37.55	16.52	54.07	74.00	-19.93	Horizontal
6	17689.4612	37.09	18.18	55.27	74.00	-18.73	Horizontal
7	17985.6232	36.00	19.81	55.81	74.00	-18.19	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17134.5168	27.61	16.52	44.13	54.00	-9.87	Horizontal
2	17689.4612	26.75	18.18	44.93	54.00	-9.07	Horizontal
3	17985.6232	25.92	19.81	45.73	54.00	-8.27	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

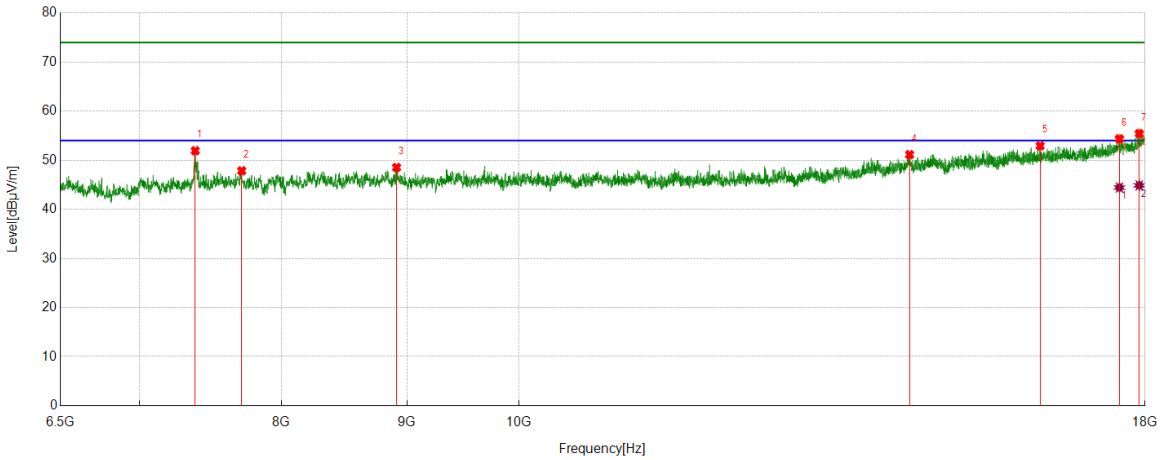
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7322.3528	48.78	3.81	52.59	74.00	-21.41	Vertical
2	7998.0623	42.89	5.34	48.23	74.00	-25.77	Vertical
3	14701.9627	38.93	12.71	51.64	74.00	-22.36	Vertical
4	16493.3117	37.28	15.85	53.13	74.00	-20.87	Vertical
5	17184.8356	37.32	16.59	53.91	74.00	-20.09	Vertical
6	17732.5916	36.35	18.54	54.89	74.00	-19.11	Vertical
7	17945.3682	35.36	19.48	54.84	74.00	-19.16	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17732.5916	26.57	18.54	45.11	54.00	-8.89	Vertical
2	17945.3682	27.36	19.48	46.84	54.00	-7.16	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

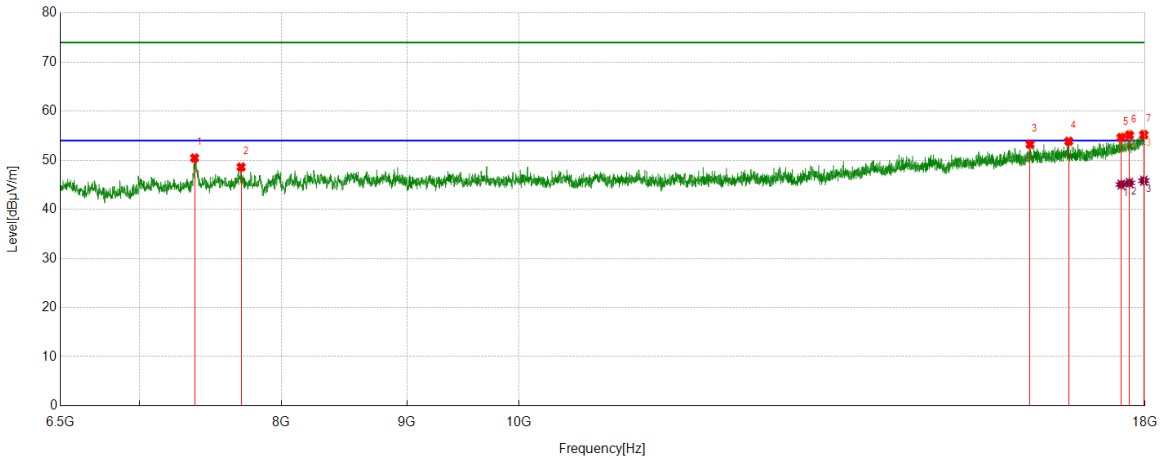
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7378.4223	47.74	4.20	51.94	74.00	-22.06	Horizontal
2	7707.6510	42.58	5.27	47.85	74.00	-26.15	Horizontal
3	8913.8642	42.42	6.11	48.53	74.00	-25.47	Horizontal
4	14430.2413	38.28	12.87	51.15	74.00	-22.85	Horizontal
5	16312.1640	37.87	15.06	52.93	74.00	-21.07	Horizontal
6	17573.0091	36.43	17.92	54.35	74.00	-19.65	Horizontal
7	17903.6755	36.24	19.20	55.44	74.00	-18.56	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17573.0091	26.52	17.92	44.44	54.00	-9.56	Horizontal
2	17903.6755	25.68	19.20	44.88	54.00	-9.12	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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



PK Result:

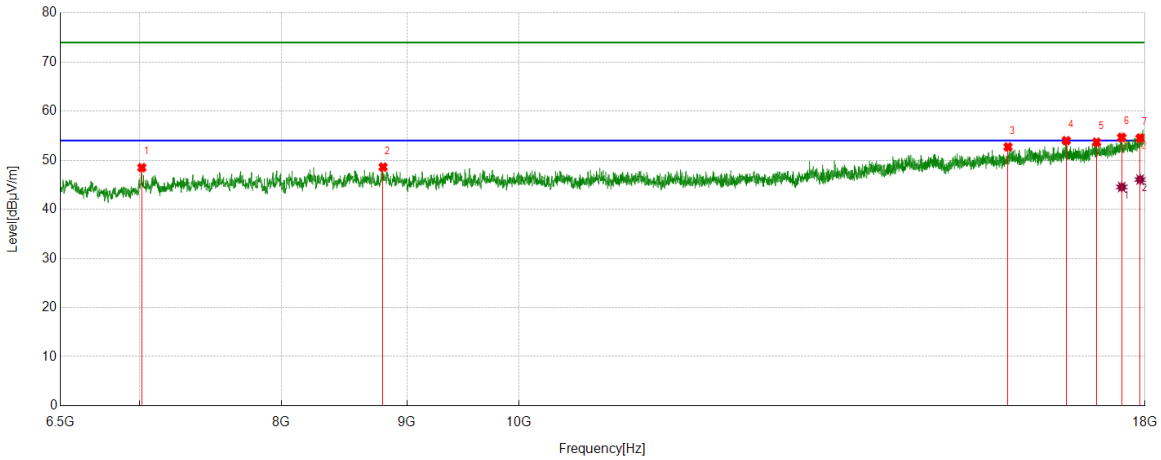
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7374.1093	46.19	4.27	50.46	74.00	-23.54	Vertical
2	7703.3379	43.15	5.47	48.62	74.00	-25.38	Vertical
3	16158.3323	38.32	14.92	53.24	74.00	-20.76	Vertical
4	16756.4071	37.68	16.18	53.86	74.00	-20.14	Vertical
5	17601.7627	36.60	18.03	54.63	74.00	-19.37	Vertical
6	17738.3423	36.59	18.54	55.13	74.00	-18.87	Vertical
7	17979.8725	35.40	19.81	55.21	74.00	-18.79	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17601.7627	27.02	18.03	45.05	54.00	-8.95	Vertical
2	17738.3423	26.85	18.54	45.39	54.00	-8.61	Vertical
3	17979.8725	26.02	19.81	45.83	54.00	-8.17	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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 HT40	LCH	Horizontal	PASS



PK Result:

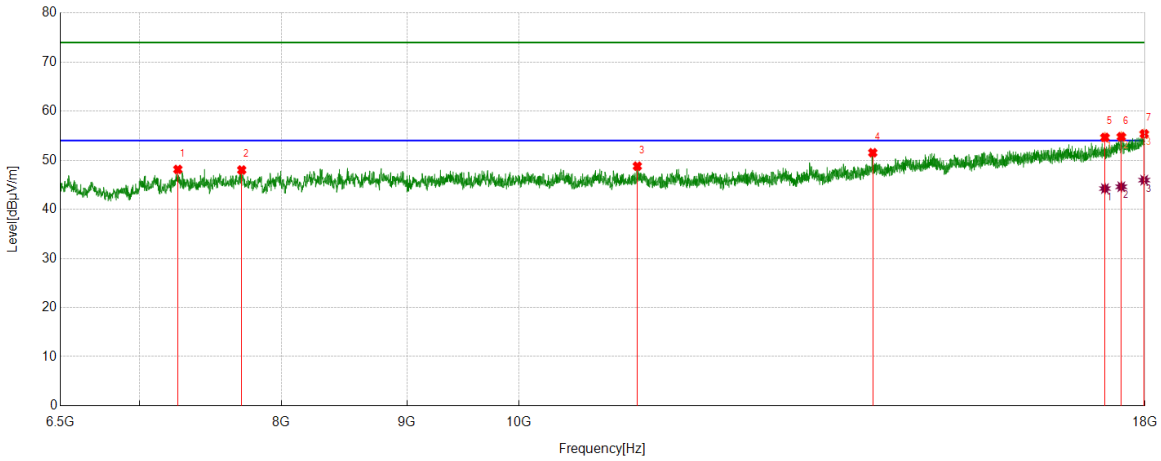
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7017.5647	44.77	3.72	48.49	74.00	-25.51	Horizontal
2	8801.7252	42.39	6.22	48.61	74.00	-25.39	Horizontal
3	15827.6660	38.22	14.49	52.71	74.00	-21.29	Horizontal
4	16717.5897	37.80	16.19	53.99	74.00	-20.01	Horizontal
5	17199.2124	37.10	16.59	53.69	74.00	-20.31	Horizontal
6	17611.8265	36.59	18.06	54.65	74.00	-19.35	Horizontal
7	17918.0523	35.18	19.33	54.51	74.00	-19.49	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17611.8265	26.49	18.06	44.55	54.00	-9.45	Horizontal
2	17918.0523	26.74	19.33	46.07	54.00	-7.93	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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 HT40	LCH	Vertical	PASS



PK Result:

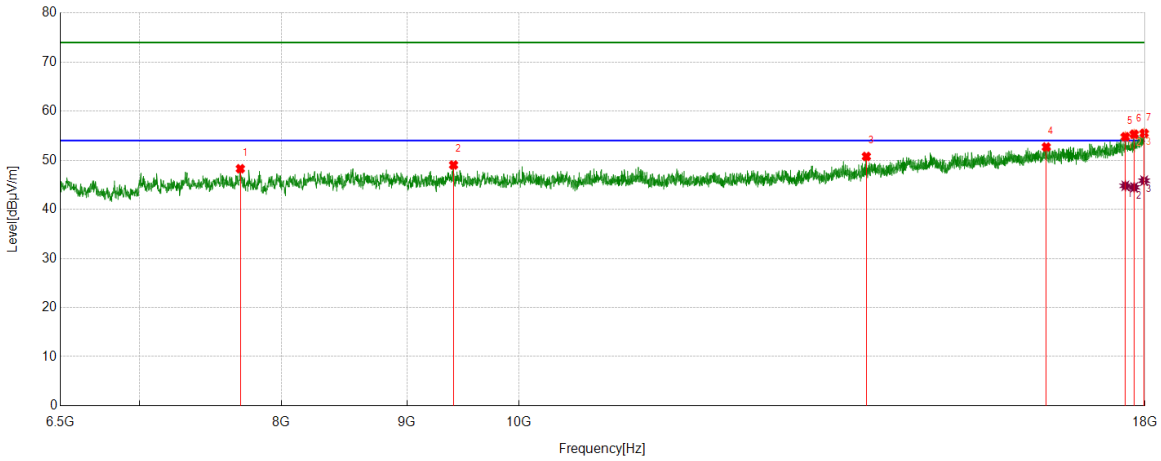
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7259.0949	44.13	4.00	48.13	74.00	-25.87	Vertical
2	7707.6510	42.74	5.27	48.01	74.00	-25.99	Vertical
3	11175.3344	41.46	7.33	48.79	74.00	-25.21	Vertical
4	13939.9925	40.16	11.37	51.53	74.00	-22.47	Vertical
5	17335.7920	37.49	17.16	54.65	74.00	-19.35	Vertical
6	17604.6381	36.75	18.04	54.79	74.00	-19.21	Vertical
7	17987.0609	35.57	19.80	55.37	74.00	-18.63	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17335.7920	27.07	17.16	44.23	54.00	-9.77	Vertical
2	17604.6381	26.56	18.04	44.60	54.00	-9.40	Vertical
3	17987.0609	26.15	19.80	45.95	54.00	-8.05	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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 HT40	MCH	Horizontal	PASS



PK Result:

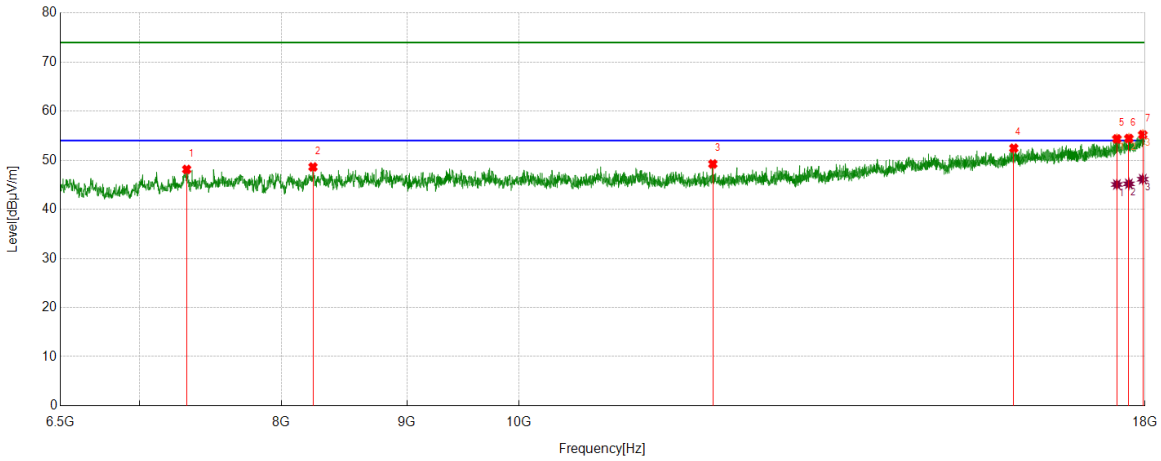
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7697.5872	42.77	5.50	48.27	74.00	-25.73	Horizontal
2	9404.1130	42.46	6.57	49.03	74.00	-24.97	Horizontal
3	13856.6071	39.27	11.50	50.77	74.00	-23.23	Horizontal
4	16407.0509	37.63	15.06	52.69	74.00	-21.31	Horizontal
5	17670.7713	36.71	18.07	54.78	74.00	-19.22	Horizontal
6	17817.4147	36.38	18.92	55.30	74.00	-18.70	Horizontal
7	17985.6232	35.68	19.81	55.49	74.00	-18.51	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17670.7713	26.72	18.07	44.79	54.00	-9.21	Horizontal
2	17817.4147	25.56	18.92	44.48	54.00	-9.52	Horizontal
3	17985.6232	26.03	19.81	45.84	54.00	-8.16	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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 HT40	MCH	Vertical	PASS



PK Result:

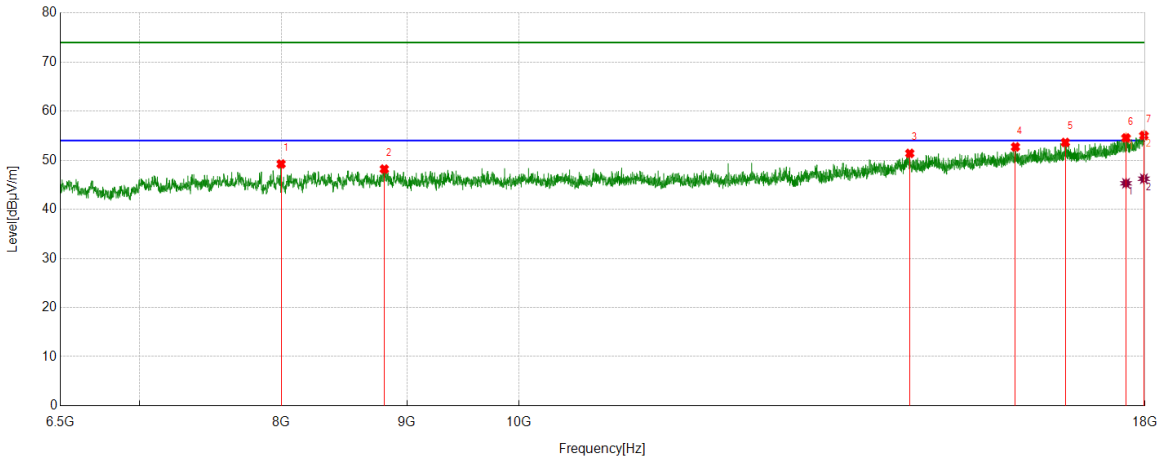
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7319.4774	44.32	3.81	48.13	74.00	-25.87	Vertical
2	8241.0301	42.72	5.91	48.63	74.00	-25.37	Vertical
3	11996.2495	40.97	8.27	49.24	74.00	-24.76	Vertical
4	15913.9267	37.91	14.55	52.46	74.00	-21.54	Vertical
5	17531.3164	36.76	17.58	54.34	74.00	-19.66	Vertical
6	17729.7162	35.91	18.53	54.44	74.00	-19.56	Vertical
7	17962.6203	35.58	19.63	55.21	74.00	-18.79	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17531.3164	27.48	17.58	45.06	54.00	-8.94	Vertical
2	17729.7162	26.67	18.53	45.20	54.00	-8.80	Vertical
3	17962.6203	26.51	19.63	46.14	54.00	-7.86	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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 HT40	HCH	Horizontal	PASS



PK Result:

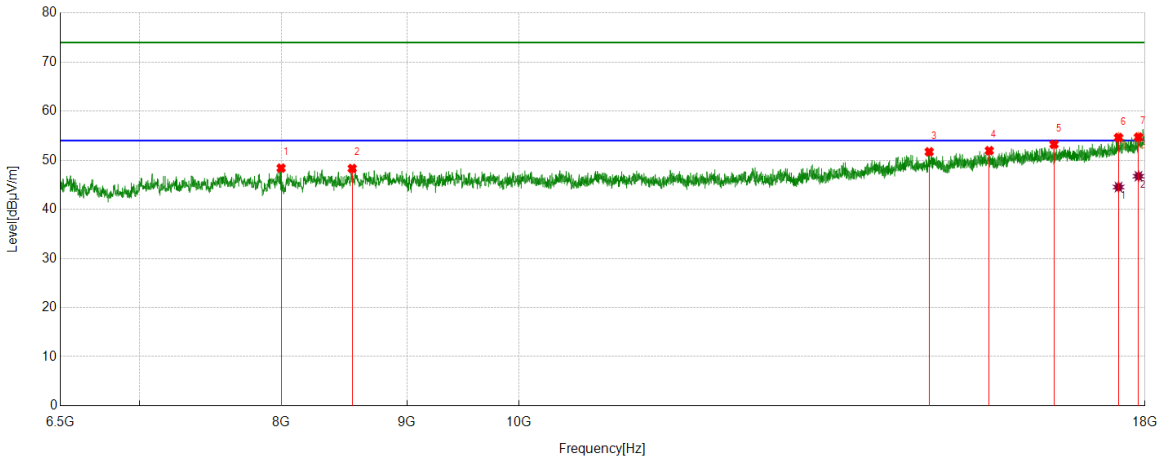
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7998.0623	43.90	5.34	49.24	74.00	-24.76	Horizontal
2	8811.7890	41.90	6.30	48.20	74.00	-25.80	Horizontal
3	14433.1166	38.53	12.87	51.40	74.00	-22.60	Horizontal
4	15938.3673	38.17	14.54	52.71	74.00	-21.29	Horizontal
5	16703.2129	37.67	15.96	53.63	74.00	-20.37	Horizontal
6	17682.2728	36.43	18.12	54.55	74.00	-19.45	Horizontal
7	17981.3102	35.24	19.80	55.04	74.00	-18.96	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17682.2728	27.18	18.12	45.30	54.00	-8.70	Horizontal
2	17981.3102	26.43	19.80	46.23	54.00	-7.77	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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 HT40	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7998.0623	43.06	5.34	48.40	74.00	-25.60	Vertical
2	8550.1313	41.81	6.51	48.32	74.00	-25.68	Vertical
3	14699.0874	39.00	12.71	51.71	74.00	-22.29	Vertical
4	15551.6315	38.21	13.74	51.95	74.00	-22.05	Vertical
5	16526.3783	37.51	15.73	53.24	74.00	-20.76	Vertical
6	17558.6323	36.85	17.78	54.63	74.00	-19.37	Vertical
7	17890.7363	35.41	19.30	54.71	74.00	-19.29	Vertical

AV Result:

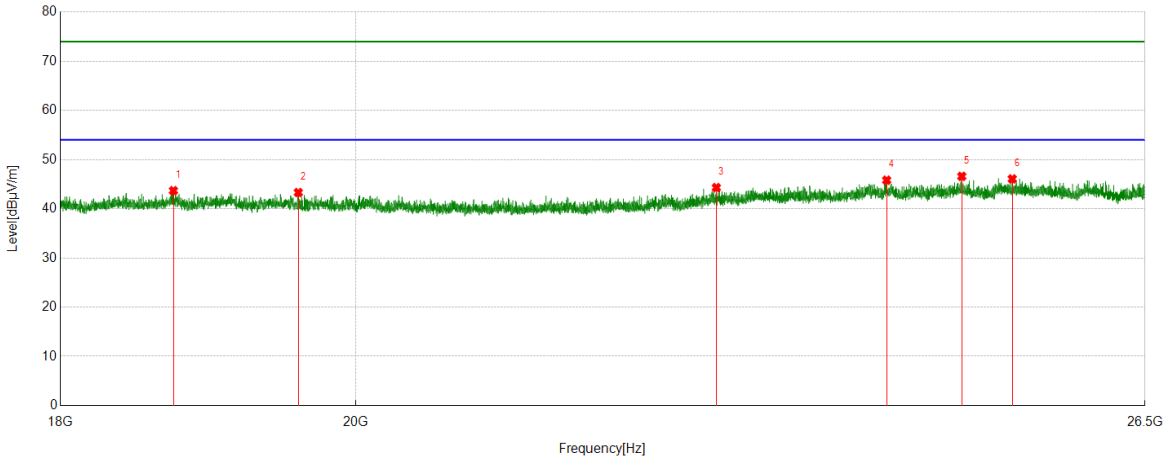
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17558.6323	26.76	17.78	44.54	54.00	-9.46	Vertical
2	17890.7363	27.45	19.30	46.75	54.00	-7.25	Vertical

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
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 6.5GHz 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 3: 18GHz~26.5GHz

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

Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS

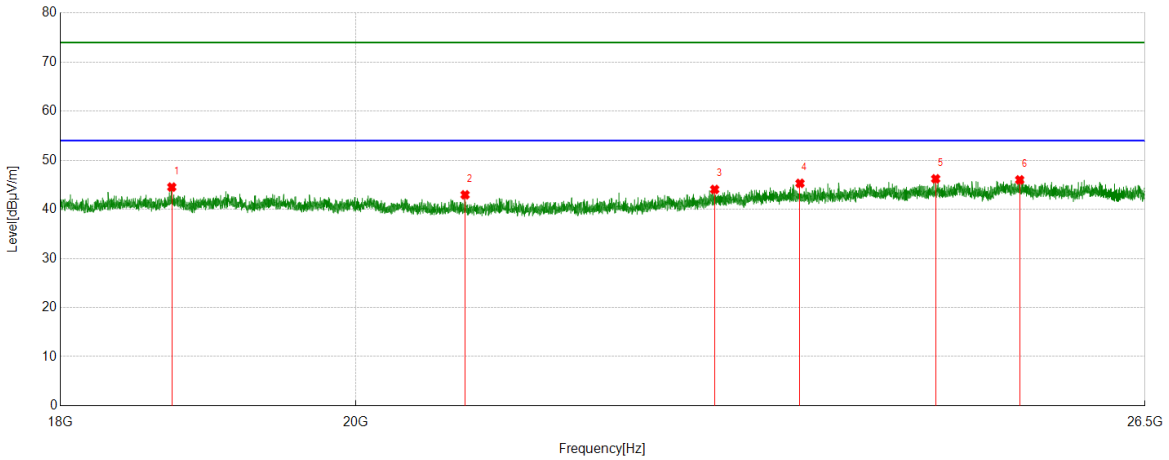


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	18741.2741	49.90	-6.22	43.68	74.00	-30.32	Horizontal
2	19594.7595	48.73	-5.43	43.30	74.00	-30.70	Horizontal
3	22744.3244	48.36	-4.06	44.30	74.00	-29.70	Horizontal
4	24168.2168	48.57	-2.76	45.81	74.00	-28.19	Horizontal
5	24824.4824	49.96	-3.36	46.60	74.00	-27.40	Horizontal
6	25275.0275	49.41	-3.34	46.07	74.00	-27.93	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,
Correct Factor = Antenna Factor + Loss (Cable) – Amplifier Gain.
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	MCH	Vertical	PASS



PK Result:

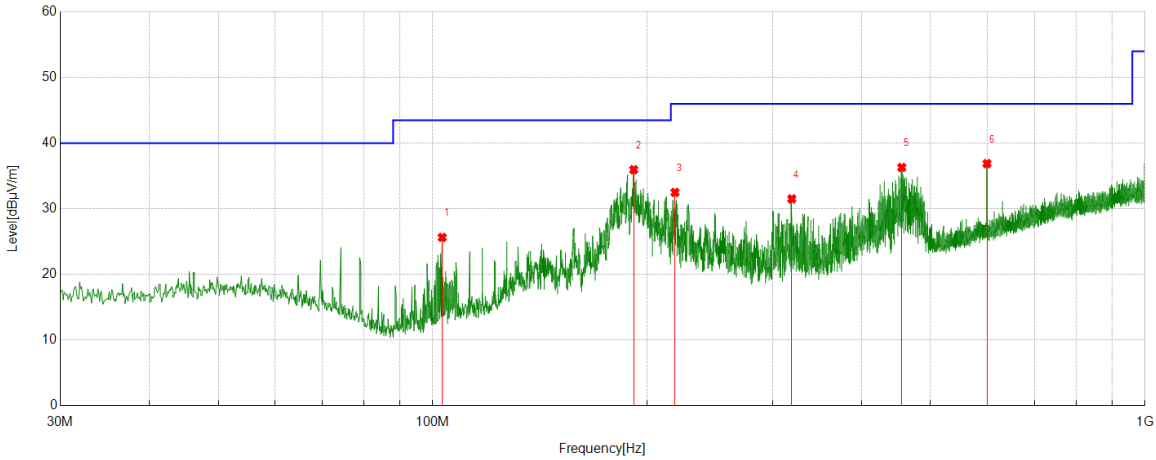
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	18730.2230	50.77	-6.24	44.53	74.00	-29.47	Vertical
2	20795.0795	48.89	-5.93	42.96	74.00	-31.04	Vertical
3	22730.7231	48.14	-4.09	44.05	74.00	-29.95	Vertical
4	23432.8933	48.49	-3.20	45.29	74.00	-28.71	Vertical
5	24594.1094	49.29	-3.08	46.21	74.00	-27.79	Vertical
6	25342.1842	49.29	-3.29	46.00	74.00	-28.00	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,
Correct Factor = Antenna Factor + Loss (Cable) – Amplifier Gain.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Part 4: 30MHz~1GHz

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

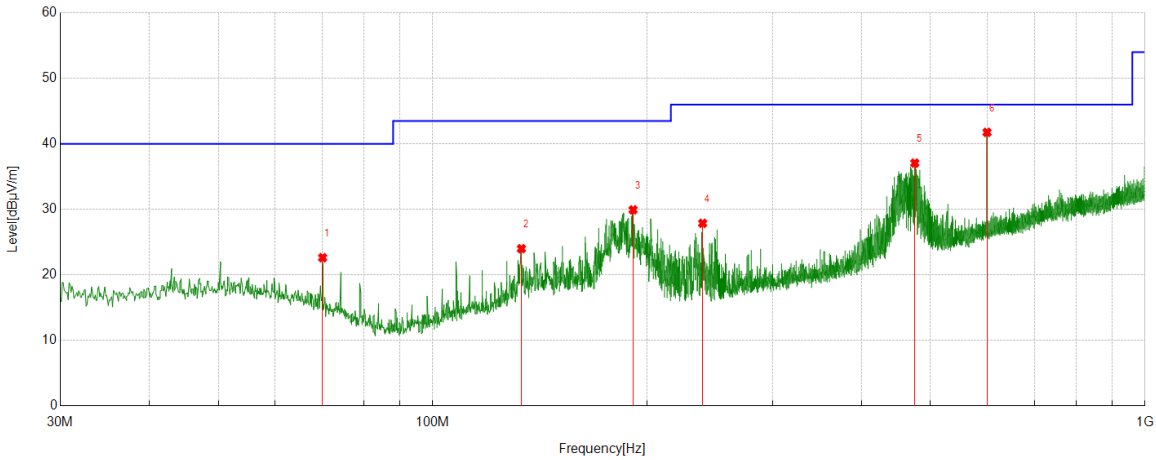
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	103.1453	9.49	16.14	25.63	43.50	-17.87	Peak
2	191.5212	18.42	17.54	35.96	43.50	-7.54	Peak
3	218.8779	15.12	17.37	32.49	46.00	-13.51	Peak
4	319.2829	9.90	21.61	31.51	46.00	-14.49	Peak
5	455.5816	11.14	25.16	36.30	46.00	-9.70	Peak
6	600.0290	8.65	28.24	36.89	46.00	-9.11	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.
3. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable).

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



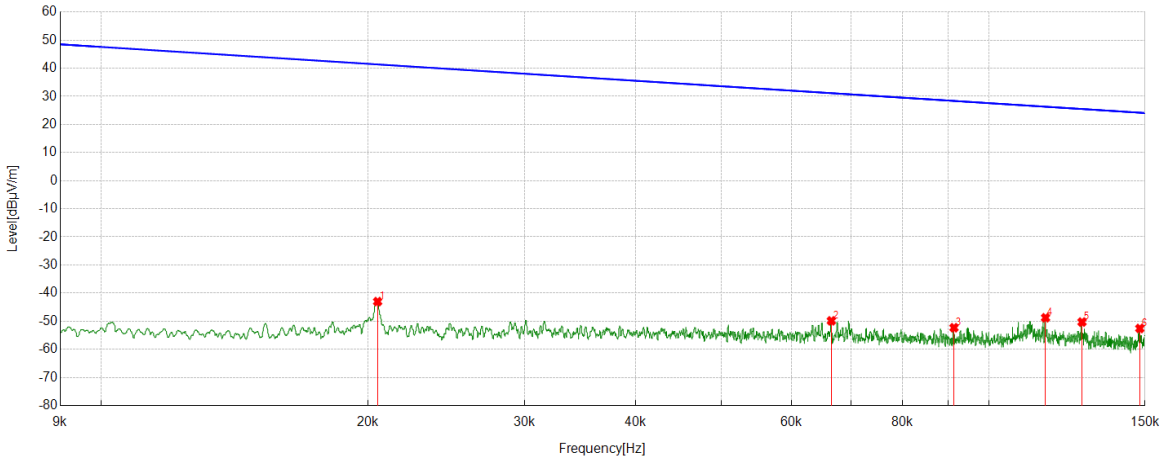
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	70.0650	4.67	17.94	22.61	40.00	-17.39	Peak
2	133.2183	4.71	19.28	23.99	43.50	-19.51	Peak
3	191.1331	12.34	17.58	29.92	43.50	-13.58	Peak
4	239.3469	9.07	18.80	27.87	46.00	-18.13	Peak
5	475.1775	11.55	25.52	37.07	46.00	-8.93	Peak
6	600.0290	13.52	28.24	41.76	46.00	-4.24	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.
3. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable).

Part 5: 9kHz~30MHz

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

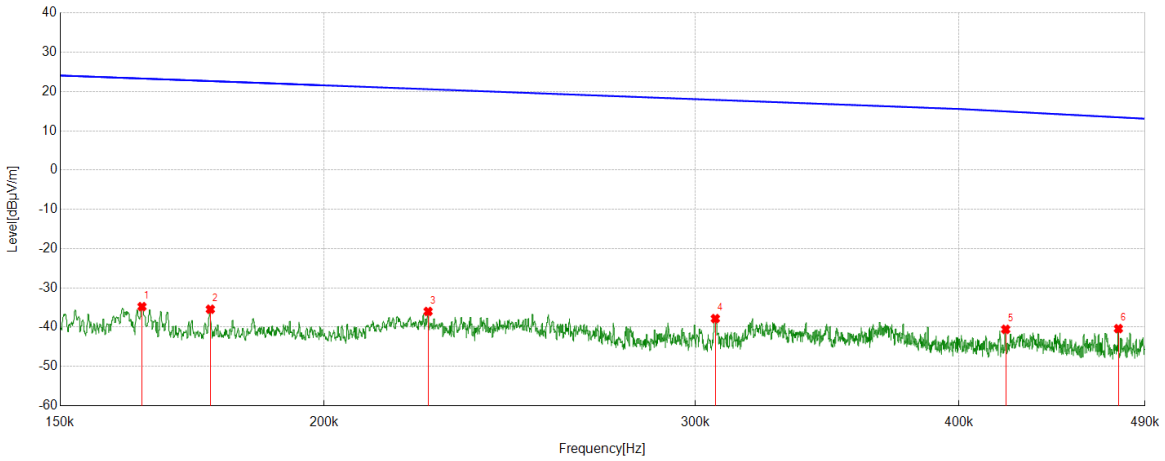
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9kHz~150kHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.0205	18.71	-61.74	-43.03	41.38	-94.53	-10.12	-84.41	Peak
2	0.0665	11.73	-61.61	-49.88	31.15	-101.38	-20.35	-81.03	Peak
3	0.0914	9.34	-61.67	-52.33	28.39	-103.83	-23.11	-80.72	Peak
4	0.1159	12.94	-61.72	-48.78	26.32	-100.28	-25.18	-75.10	Peak
5	0.1274	11.41	-61.72	-50.31	25.51	-101.81	-25.99	-75.82	Peak
6	0.1480	9.14	-61.73	-52.59	24.19	-104.09	-27.31	-76.78	Peak

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable) + Distance Factor.
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.

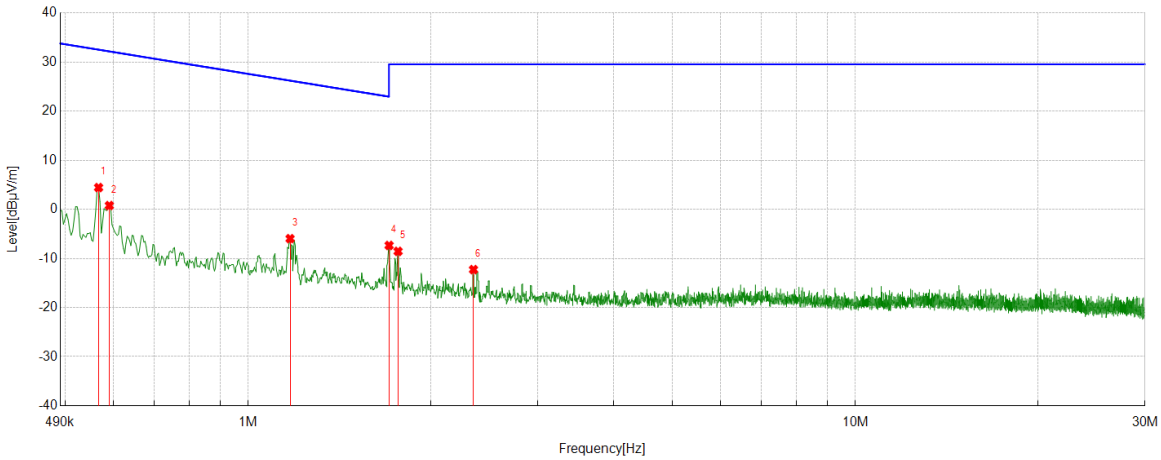
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150kHz~490kHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.1640	26.97	-61.75	-34.78	23.31	-86.28	-28.19	-58.09	Peak
2	0.1767	26.31	-61.76	-35.45	22.66	-86.95	-28.84	-58.11	Peak
3	0.2241	25.77	-61.78	-36.01	20.59	-87.51	-30.91	-56.60	Peak
4	0.3066	23.99	-61.82	-37.83	17.87	-89.33	-33.63	-55.70	Peak
5	0.4209	21.29	-61.85	-40.56	14.94	-92.06	-36.56	-55.50	Peak
6	0.4760	21.49	-61.87	-40.38	13.43	-91.88	-38.07	-53.81	Peak

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable) + Distance Factor.
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
11B	MCH	490kHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.5667	26.33	-21.89	4.44	32.54	-47.06	-18.96	-28.10	Peak
2	0.5903	22.66	-21.89	0.77	32.18	-50.73	-19.32	-31.41	Peak
3	1.1717	15.88	-21.85	-5.97	26.23	-57.47	-25.27	-32.20	Peak
4	1.7059	14.49	-21.84	-7.35	29.54	-58.85	-21.96	-36.89	Peak
5	1.7650	13.27	-21.83	-8.56	29.54	-60.06	-21.96	-38.10	Peak
6	2.3493	9.54	-21.82	-12.28	29.54	-63.78	-21.96	-41.82	Peak

Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable) + Distance Factor.
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.

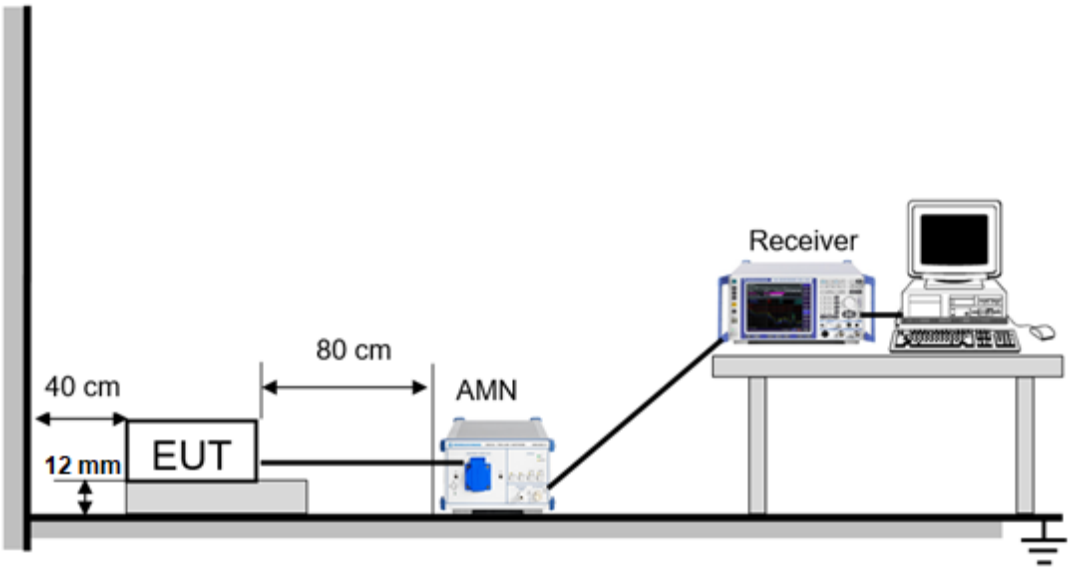
9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	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



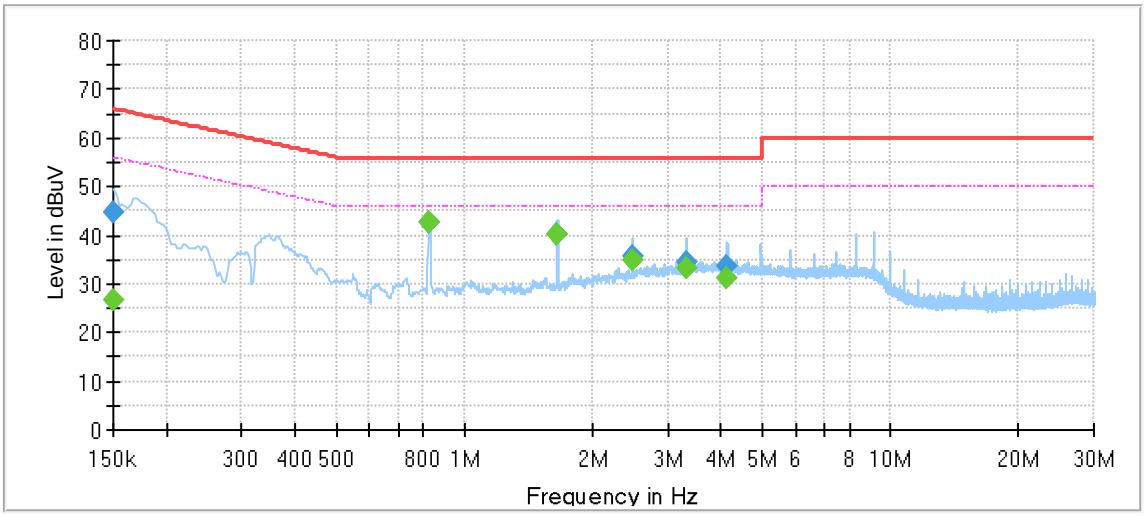
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver 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.

TEST ENVIRONMENT

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

LINE L RESULTS (WORST-CASE CONFIGURATION)

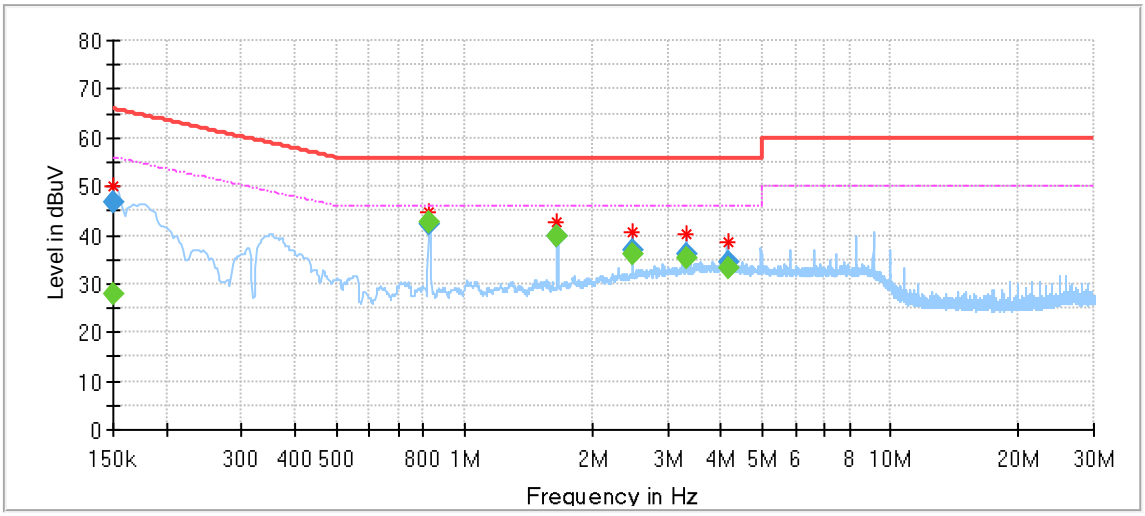


Final_Result

Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.150000	---	26.84	56.00	29.16	1000.0	9.000	L1	OFF	9.6
0.150000	44.84	---	66.00	21.16	1000.0	9.000	L1	OFF	9.6
0.826600	---	42.54	46.00	3.46	1000.0	9.000	L1	OFF	9.6
0.826600	42.52	---	56.00	13.48	1000.0	9.000	L1	OFF	9.6
1.654938	---	40.01	46.00	5.99	1000.0	9.000	L1	OFF	9.6
1.654938	40.14	---	56.00	15.86	1000.0	9.000	L1	OFF	9.6
2.483275	---	34.81	46.00	11.19	1000.0	9.000	L1	OFF	9.6
2.483275	35.66	---	56.00	20.34	1000.0	9.000	L1	OFF	9.6
3.311613	---	33.35	46.00	12.65	1000.0	9.000	L1	OFF	9.6
3.311613	34.62	---	56.00	21.38	1000.0	9.000	L1	OFF	9.6
4.139950	---	31.09	46.00	14.91	1000.0	9.000	L1	OFF	9.6
4.139950	33.70	---	56.00	22.30	1000.0	9.000	L1	OFF	9.6

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 MCH of 11B 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]
0.150000	---	27.83	56.00	28.17	1000.0	9.000	N	OFF	9.5
0.150000	46.80	---	66.00	19.20	1000.0	9.000	N	OFF	9.5
0.826600	---	42.50	46.00	3.50	1000.0	9.000	N	OFF	9.6
0.826600	42.45	---	56.00	13.55	1000.0	9.000	N	OFF	9.6
1.654938	---	39.79	46.00	6.21	1000.0	9.000	N	OFF	9.6
1.654938	39.91	---	56.00	16.09	1000.0	9.000	N	OFF	9.6
2.485763	---	36.13	46.00	9.87	1000.0	9.000	N	OFF	9.6
2.485763	36.81	---	56.00	19.19	1000.0	9.000	N	OFF	9.6
3.314100	---	35.30	46.00	10.70	1000.0	9.000	N	OFF	9.6
3.314100	36.27	---	56.00	19.73	1000.0	9.000	N	OFF	9.6
4.142438	---	33.04	46.00	12.96	1000.0	9.000	N	OFF	9.6
4.142438	34.62	---	56.00	21.38	1000.0	9.000	N	OFF	9.6

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

10. 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