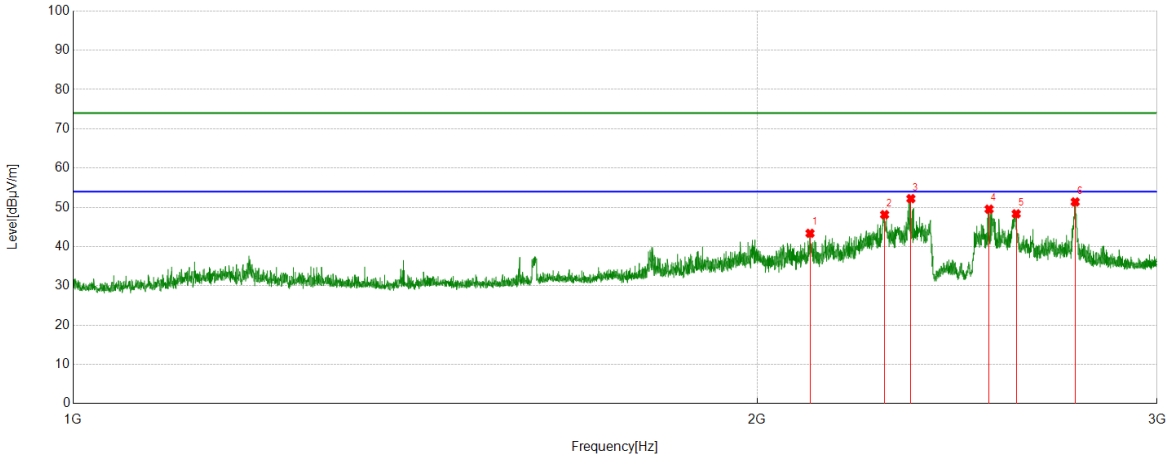
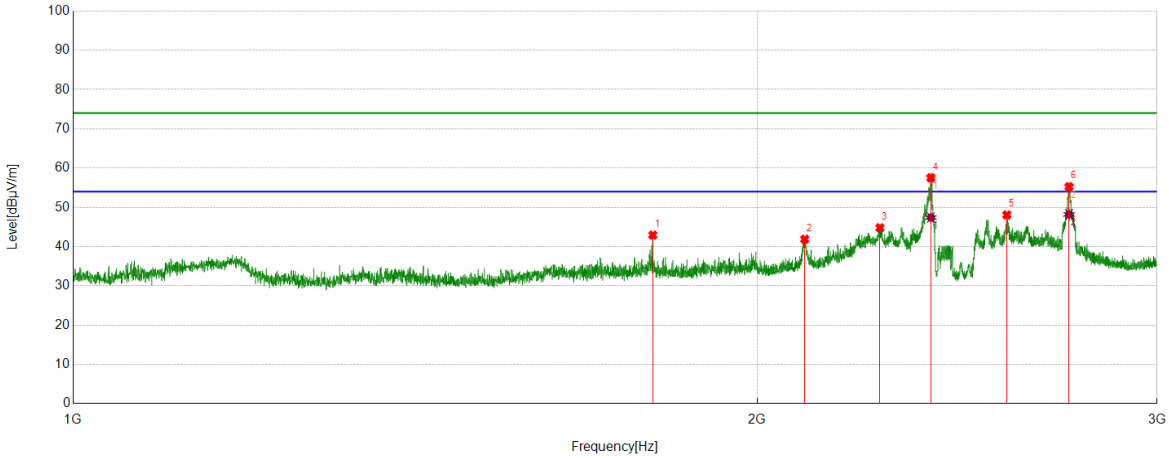
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2110.3888	59.26	-15.88	43.38	74.00	30.62	peak
2	2276.1595	63.48	-15.34	48.14	74.00	25.86	peak
3	2337.6672	67.00	-14.79	52.21	74.00	21.79	peak
4	2530.4413	63.06	-13.53	49.53	74.00	24.47	peak
5	2600.9501	61.56	-13.22	48.34	74.00	25.66	peak
6	2761.2202	64.27	-12.89	51.38	74.00	22.62	peak

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

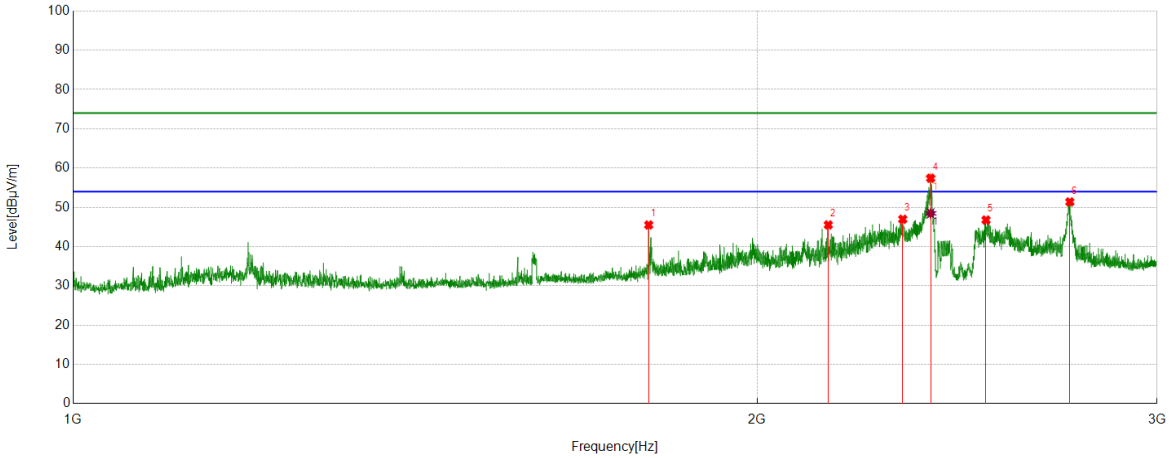
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1799.6	60.63	-17.69	42.94	74.00	31.06	peak
2	2099.1374	57.64	-15.77	41.87	74.00	32.13	peak
3	2265.4082	60.17	-15.38	44.79	74.00	29.21	peak
4	2385.4232	71.75	-14.23	57.52	74.00	16.48	peak
		61.63	-14.23	47.40	54.00	6.60	av
5	2576.4471	61.54	-13.48	48.06	74.00	25.94	peak
6	2743.968	67.93	-12.71	55.22	74.00	18.78	peak
		60.90	-12.71	48.19	54.00	5.81	av

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

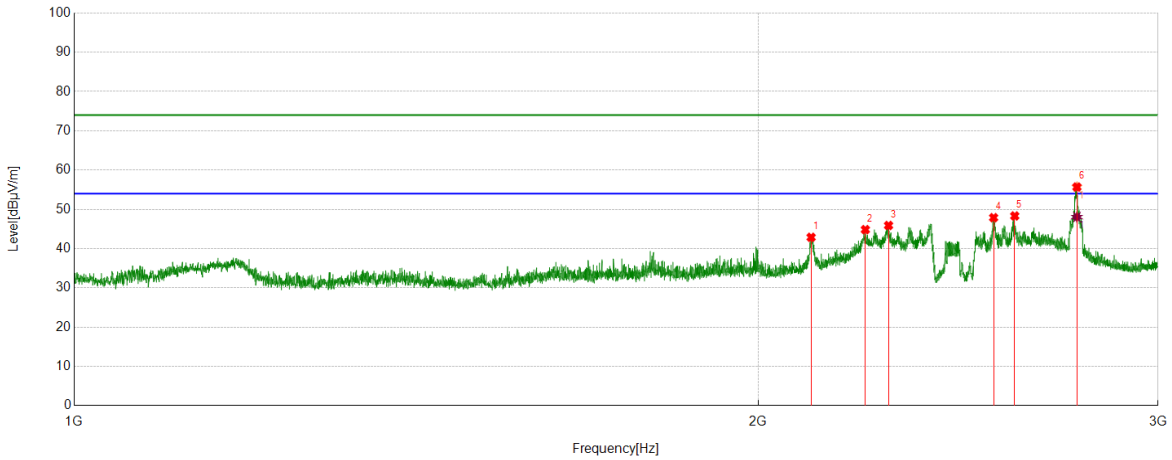
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1792.099	63.39	-17.88	45.51	74.00	28.49	peak
2	2149.8937	61.15	-15.63	45.52	74.00	28.48	peak
3	2318.4148	62.19	-15.22	46.97	74.00	27.03	peak
4	2384.9231	71.64	-14.23	57.41	74.00	16.59	peak
		62.69	-14.23	48.46	54.00	5.54	av
5	2522.4403	60.49	-13.72	46.77	74.00	27.23	peak
6	2746.2183	64.06	-12.68	51.38	74.00	22.62	peak

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

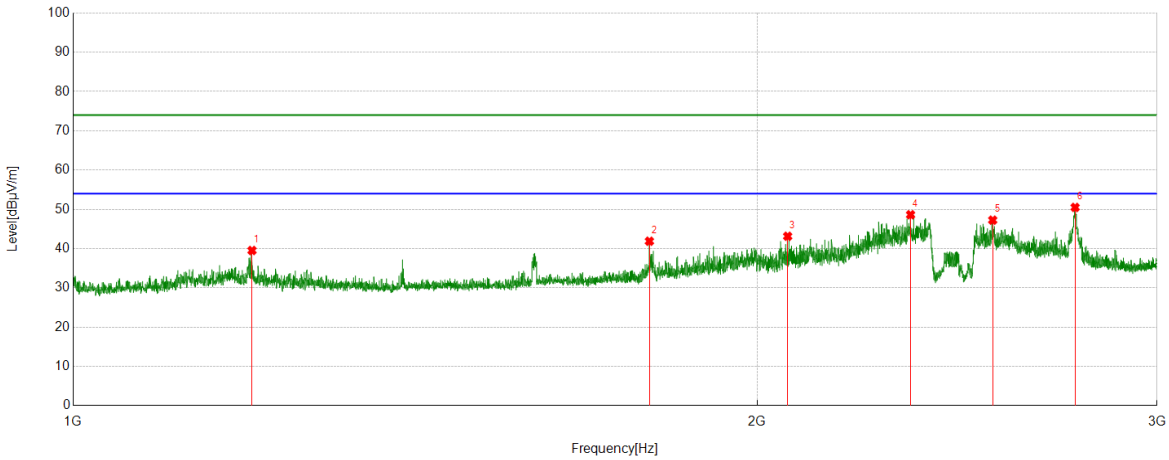
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2110.6388	58.75	-15.88	42.87	74.00	31.13	peak
2	2229.9037	60.13	-15.30	44.83	74.00	29.17	peak
3	2282.9104	61.11	-15.22	45.89	74.00	28.11	peak
4	2539.4424	61.42	-13.54	47.88	74.00	26.12	peak
5	2594.4493	61.63	-13.32	48.31	74.00	25.69	peak
6	2763.2204	68.59	-12.91	55.68	74.00	18.32	peak
		60.94	-12.91	48.03	54.00	5.97	av

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

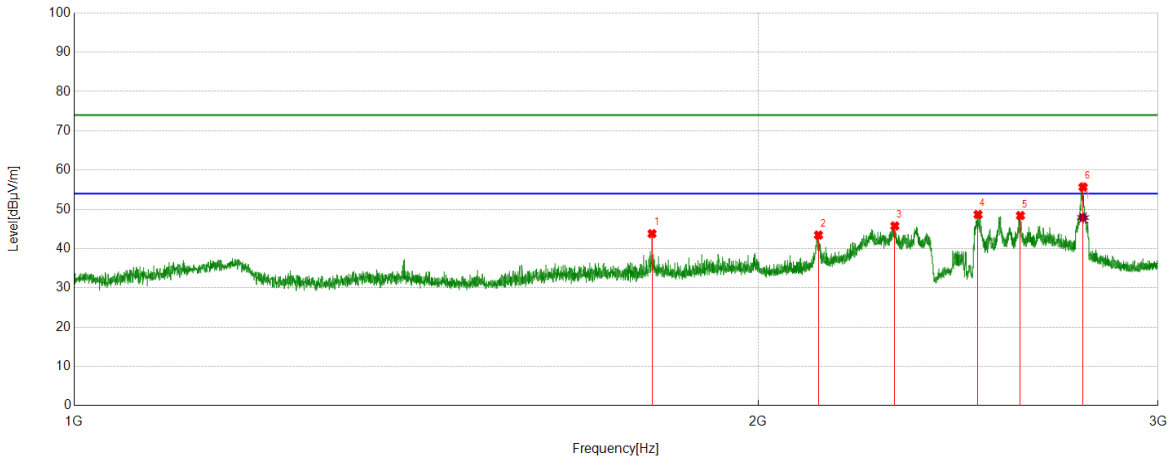
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1198.7748	61.50	-21.98	39.52	74.00	34.48	peak
2	1793.3492	59.73	-17.85	41.88	74.00	32.12	peak
3	2063.1329	59.19	-16.05	43.14	74.00	30.86	peak
4	2336.9171	63.44	-14.82	48.62	74.00	25.38	peak
5	2539.6925	60.79	-13.54	47.25	74.00	26.75	peak
6	2760.9701	63.38	-12.89	50.49	74.00	23.51	peak

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

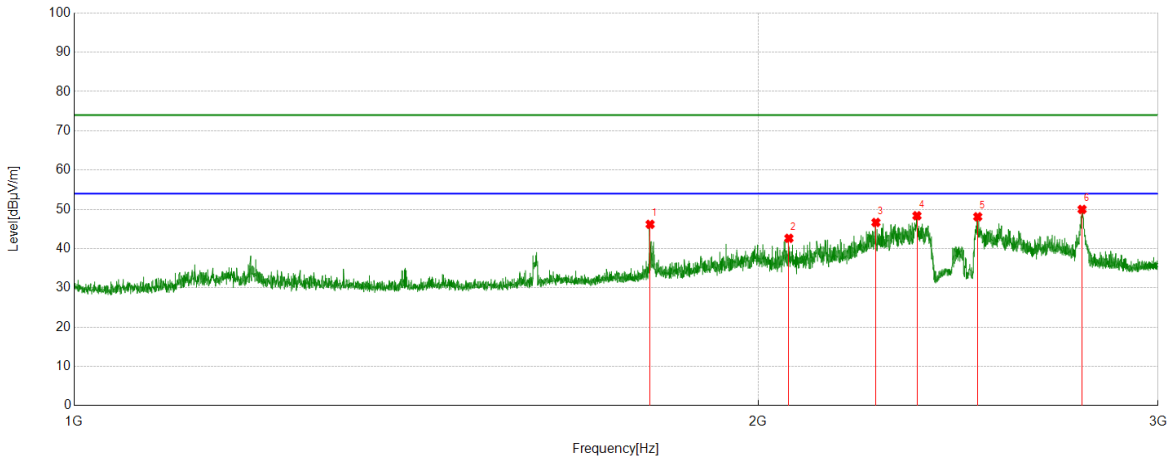
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1796.3495	61.57	-17.77	43.80	74.00	30.20	peak
2	2126.3908	59.29	-15.85	43.44	74.00	30.56	peak
3	2297.6622	61.14	-15.37	45.77	74.00	28.23	peak
4	2499.6875	62.08	-13.42	48.66	74.00	25.34	peak
5	2609.4512	61.61	-13.20	48.41	74.00	25.59	peak
6	2780.4726	68.56	-12.89	55.67	74.00	18.33	peak
		60.78	-12.89	47.89	54.00	6.11	av

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

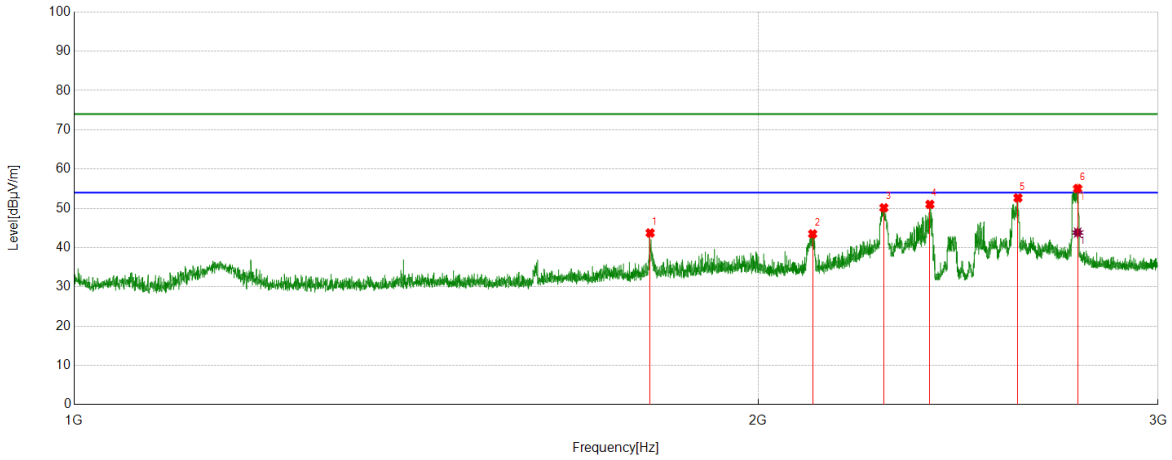
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1792.8491	64.04	-17.86	46.18	74.00	27.82	peak
2	2063.633	58.66	-16.04	42.62	74.00	31.38	peak
3	2253.9067	61.70	-15.04	46.66	74.00	27.34	peak
4	2349.6687	63.12	-14.76	48.36	74.00	25.64	peak
5	2498.9374	61.54	-13.43	48.11	74.00	25.89	peak
6	2777.7222	62.90	-12.92	49.98	74.00	24.02	peak

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

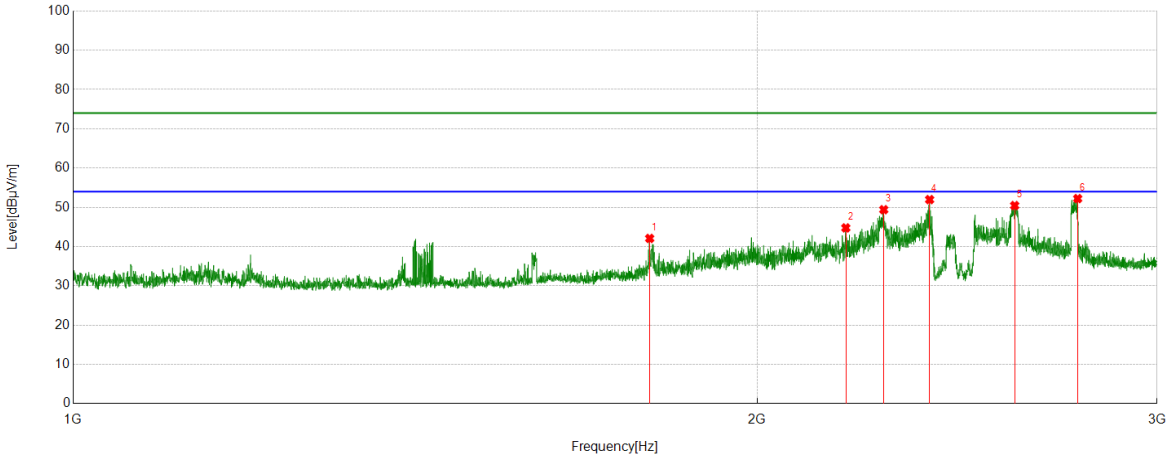
Test Mode	Channel	Polarization	Verdict
11AX20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1792.8491	61.59	-17.86	43.73	74.00	30.27	peak
2	2113.8892	59.36	-15.87	43.49	74.00	30.51	peak
3	2272.159	65.60	-15.46	50.14	74.00	23.86	peak
4	2380.6726	65.23	-14.22	51.01	74.00	22.99	peak
5	2602.9504	65.86	-13.21	52.65	74.00	21.35	peak
6	2765.2207	67.95	-12.92	55.03	74.00	18.97	peak
		56.74	-12.92	43.82	54.00	10.18	av

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

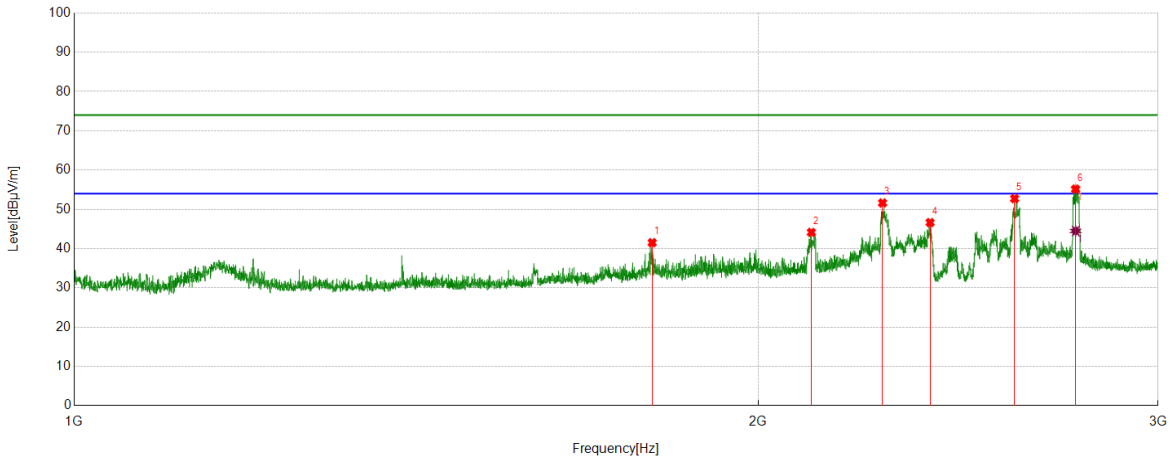
Test Mode	Channel	Polarization	Verdict
11AX20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1793.8492	59.92	-17.84	42.08	74.00	31.92	peak
2	2188.3986	60.67	-15.91	44.76	74.00	29.24	peak
3	2274.1593	64.80	-15.40	49.40	74.00	24.60	peak
4	2382.4228	66.19	-14.22	51.97	74.00	22.03	peak
5	2596.9496	63.73	-13.28	50.45	74.00	23.55	peak
6	2768.221	65.17	-12.95	52.22	74.00	21.78	peak

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

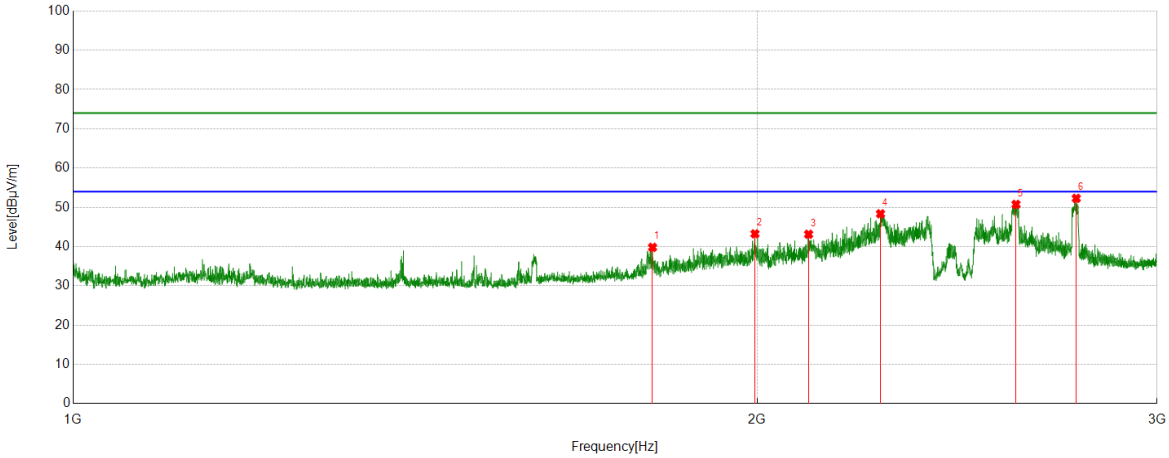
Test Mode	Channel	Polarization	Verdict
11AX20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1796.5996	59.27	-17.76	41.51	74.00	32.49	peak
2	2111.1389	60.01	-15.88	44.13	74.00	29.87	peak
3	2269.1586	67.11	-15.49	51.62	74.00	22.38	peak
4	2381.1726	60.85	-14.22	46.63	74.00	27.37	peak
5	2594.1993	66.05	-13.32	52.73	74.00	21.27	peak
6	2759.4699	68.02	-12.87	55.15	74.00	18.85	peak
		57.36	-12.87	44.49	54.00	9.51	av

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

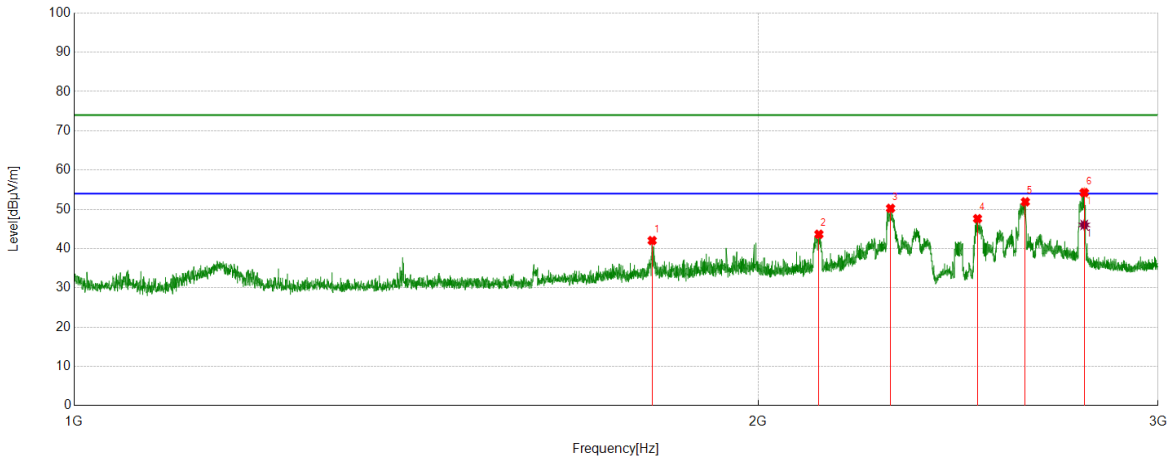
Test Mode	Channel	Polarization	Verdict
11AX20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1799.0999	57.52	-17.71	39.81	74.00	34.19	peak
2	1995.8745	59.57	-16.31	43.26	74.00	30.74	peak
3	2107.3884	58.98	-15.84	43.14	74.00	30.86	peak
4	2266.6583	63.77	-15.42	48.35	74.00	25.65	peak
5	2600.4501	63.97	-13.22	50.75	74.00	23.25	peak
6	2764.2205	65.20	-12.92	52.28	74.00	21.72	peak

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

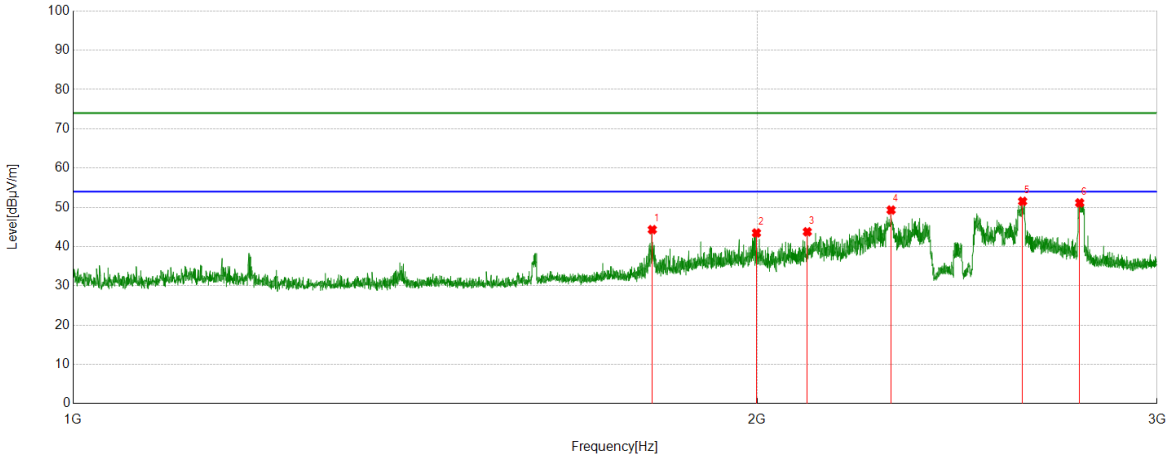
Test Mode	Channel	Polarization	Verdict
11AX20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1796.5996	59.80	-17.76	42.04	74.00	31.96	peak
2	2127.3909	59.50	-15.85	43.65	74.00	30.35	peak
3	2287.661	65.45	-15.20	50.25	74.00	23.75	peak
4	2498.4373	61.05	-13.43	47.62	74.00	26.38	peak
5	2622.4528	65.12	-13.21	51.91	74.00	22.09	peak
6	2783.723	67.11	-12.85	54.26	74.00	19.74	peak
		58.87	-12.85	46.02	54.00	7.98	av

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11AX20	HCH	Vertical	PASS



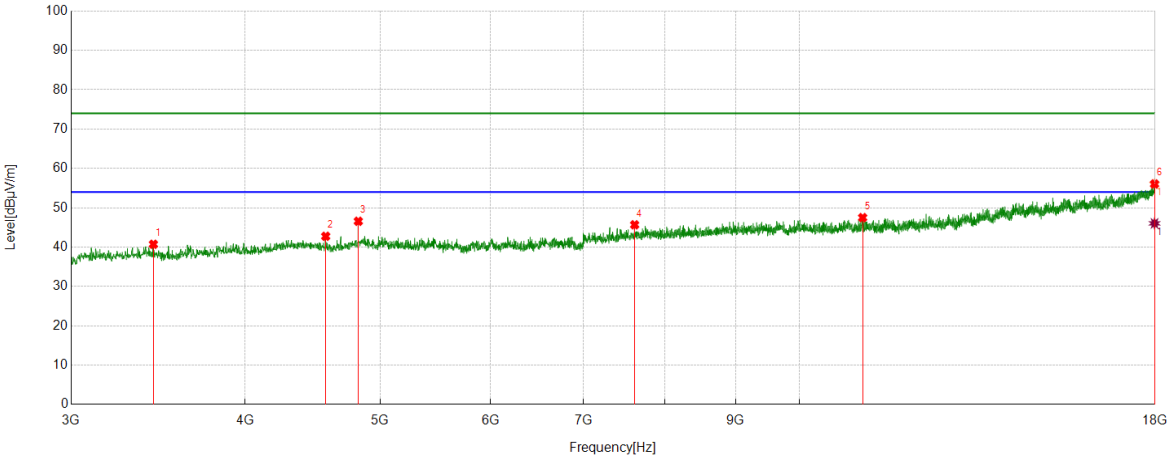
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1798.5998	62.03	-17.72	44.31	74.00	29.69	peak
2	1998.8749	59.77	-16.29	43.48	74.00	30.52	peak
3	2104.6381	59.58	-15.80	43.78	74.00	30.22	peak
4	2291.1614	64.54	-15.23	49.31	74.00	24.69	peak
5	2617.9522	64.73	-13.20	51.53	74.00	22.47	peak
6	2773.7217	64.08	-12.94	51.14	74.00	22.86	peak

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Part II: 3GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



PK Result:

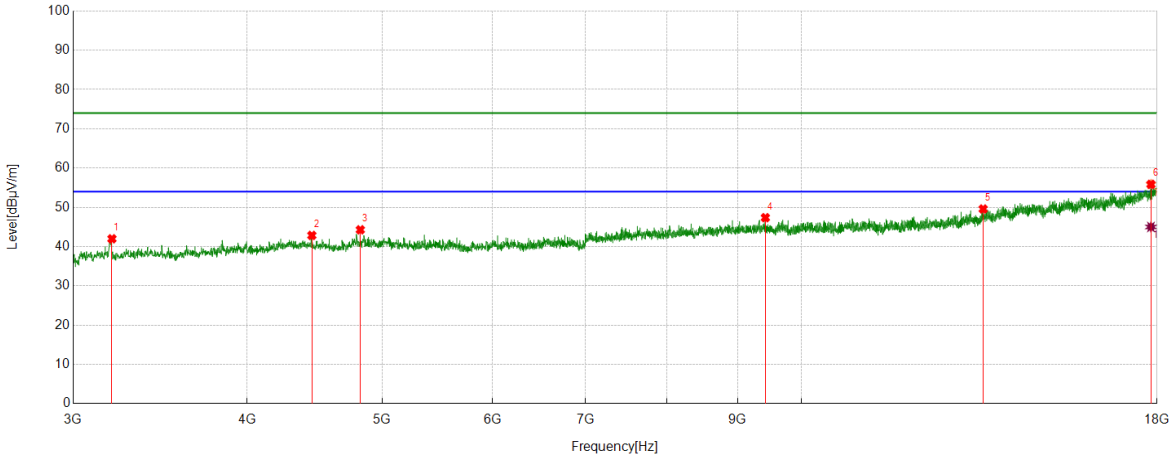
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3436.9296	49.94	-9.22	40.72	74.00	33.28	peak
2	4569.5712	48.30	-5.55	42.75	74.00	31.25	peak
3	4822.7278	50.66	-4.09	46.57	74.00	27.43	peak
4	7614.9519	44.64	1.03	45.67	74.00	28.33	peak
5	11101.0126	42.31	5.18	47.49	74.00	26.51	peak
6	17984.9981	37.43	18.62	56.05	74.00	17.95	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17984.9981	27.41	18.62	46.03	54.00	7.97	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

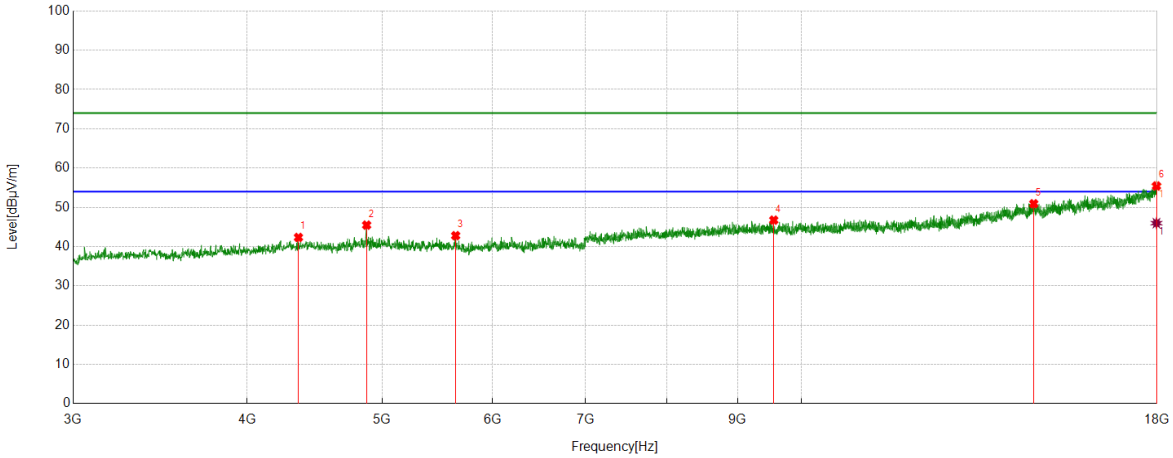
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3198.7748	51.85	-9.86	41.99	74.00	32.01	peak
2	4451.4314	47.78	-4.93	42.85	74.00	31.15	peak
3	4822.7278	48.37	-4.09	44.28	74.00	29.72	peak
4	9420.8026	44.19	3.17	47.36	74.00	26.64	peak
5	13503.1879	40.64	8.94	49.58	74.00	24.42	peak
6	17819.9775	37.88	17.97	55.85	74.00	18.15	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17819.9775	27.03	17.97	45.00	54.00	9.00	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



PK Result:

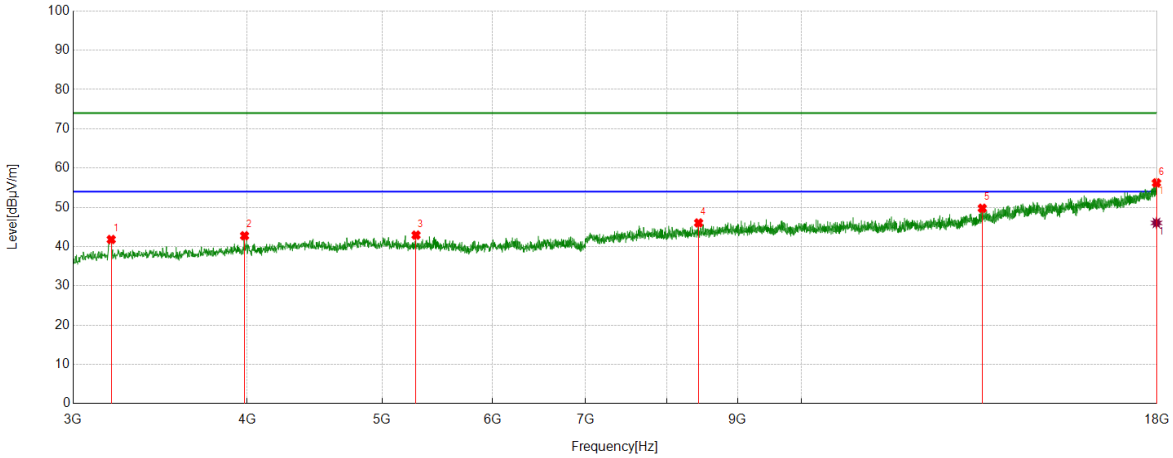
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4353.9192	48.06	-5.72	42.34	74.00	31.66	peak
2	4873.3592	49.09	-3.62	45.47	74.00	28.53	peak
3	5645.9557	45.38	-2.59	42.79	74.00	31.21	peak
4	9552.069	43.76	2.98	46.74	74.00	27.26	peak
5	14680.8351	39.14	11.77	50.91	74.00	23.09	peak
6	17983.1229	36.80	18.64	55.44	74.00	18.56	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17983.1229	27.33	18.64	45.97	54.00	8.03	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



PK Result:

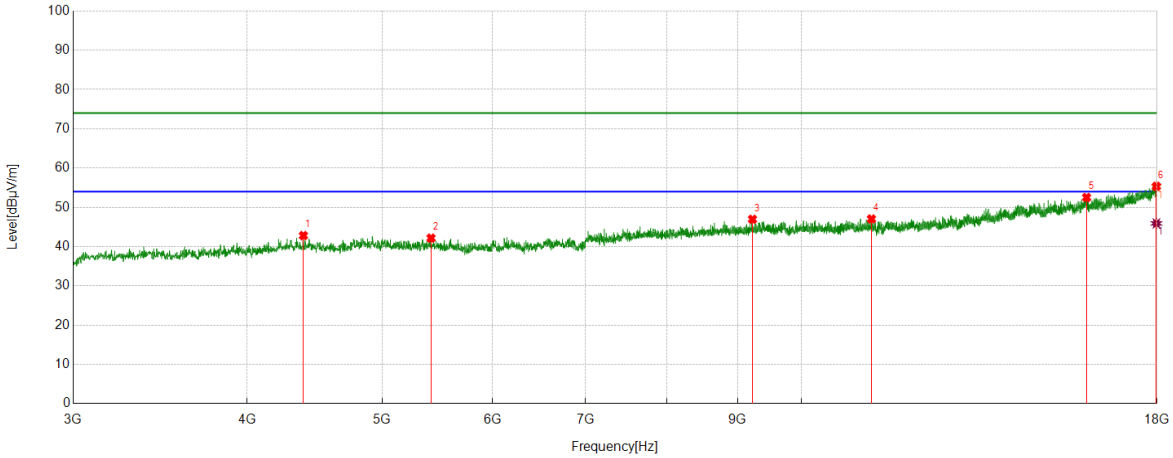
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3195.0244	51.69	-9.88	41.81	74.00	32.19	peak
2	3982.6228	49.59	-6.83	42.76	74.00	31.24	peak
3	5287.786	46.51	-3.59	42.92	74.00	31.08	peak
4	8436.3045	43.95	2.08	46.03	74.00	27.97	peak
5	13484.4356	40.80	8.96	49.76	74.00	24.24	peak
6	17983.1229	37.59	18.64	56.23	74.00	17.77	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17983.1229	27.39	18.64	46.03	54.00	7.97	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



PK Result:

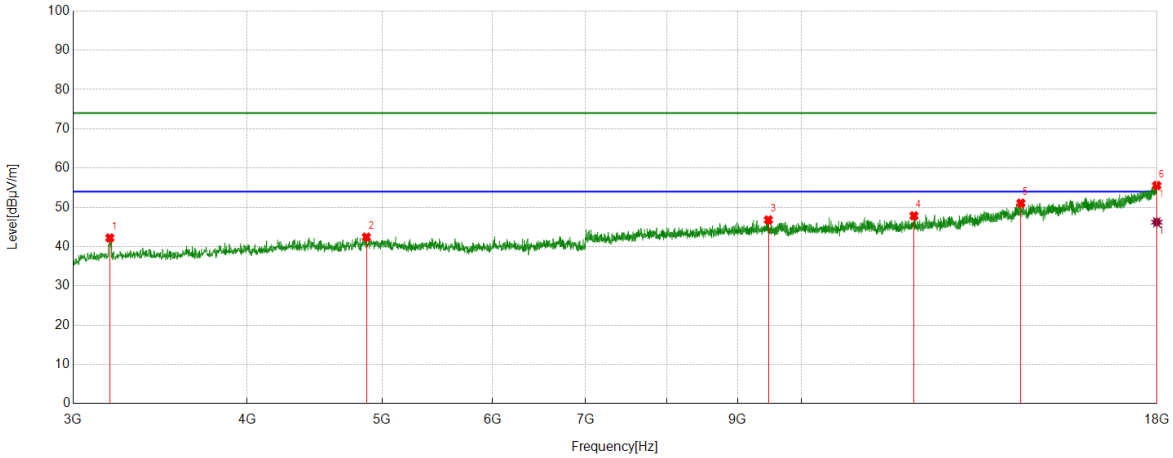
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4389.5487	47.94	-5.13	42.81	74.00	31.19	peak
2	5420.9276	45.14	-2.98	42.16	74.00	31.84	peak
3	9222.0278	43.98	2.98	46.96	74.00	27.04	peak
4	11226.6533	41.91	5.13	47.04	74.00	26.96	peak
5	16021.6277	38.26	14.25	52.51	74.00	21.49	peak
6	17981.2477	36.69	18.65	55.34	74.00	18.66	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17981.2477	27.25	18.65	45.90	54.00	8.10	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



PK Result:

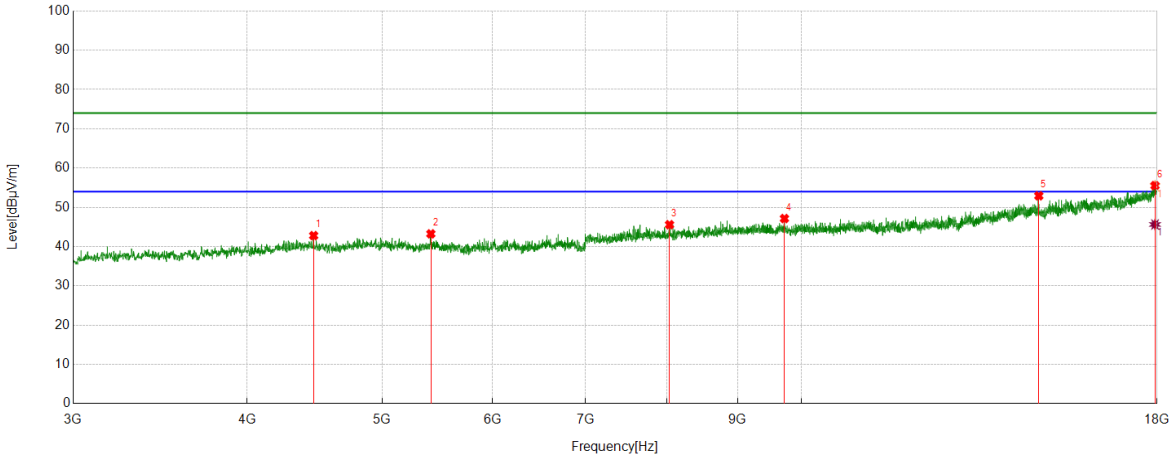
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3187.5234	52.12	-9.90	42.22	74.00	31.78	peak
2	4871.4839	46.08	-3.66	42.42	74.00	31.58	peak
3	9467.6835	43.32	3.47	46.79	74.00	27.21	peak
4	12044.2555	40.89	6.95	47.84	74.00	26.16	peak
5	14371.4214	40.21	10.85	51.06	74.00	22.94	peak
6	17992.4991	36.92	18.63	55.55	74.00	18.45	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17992.4991	27.58	18.63	46.21	54.00	7.79	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



PK Result:

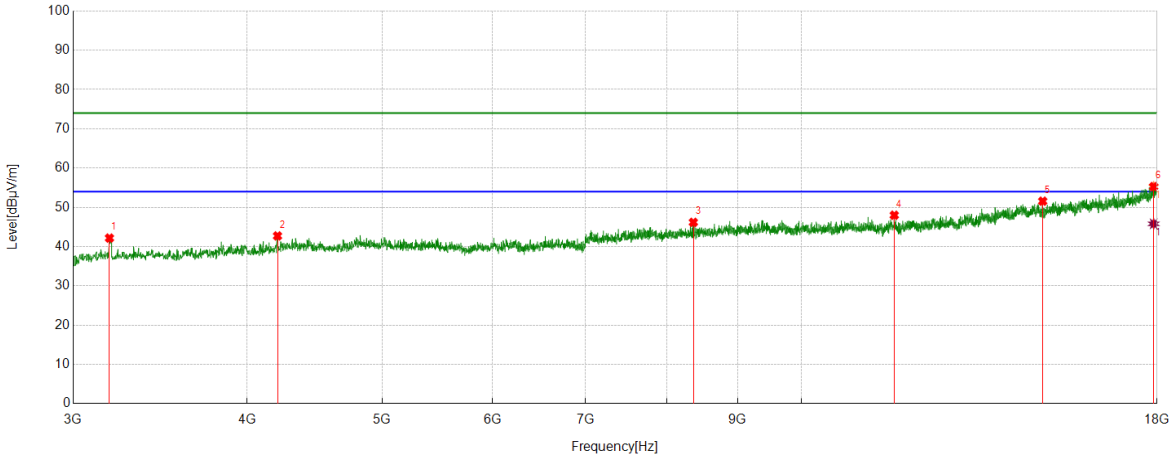
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4464.5581	47.98	-5.18	42.80	74.00	31.20	peak
2	5419.0524	46.22	-2.97	43.25	74.00	30.75	peak
3	8040.6301	43.29	2.29	45.58	74.00	28.42	peak
4	9722.7153	43.49	3.66	47.15	74.00	26.85	peak
5	14804.6006	41.15	11.78	52.93	74.00	21.07	peak
6	17939.9925	36.92	18.63	55.55	74.00	18.45	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17939.9925	27.00	18.63	45.63	54.00	8.37	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

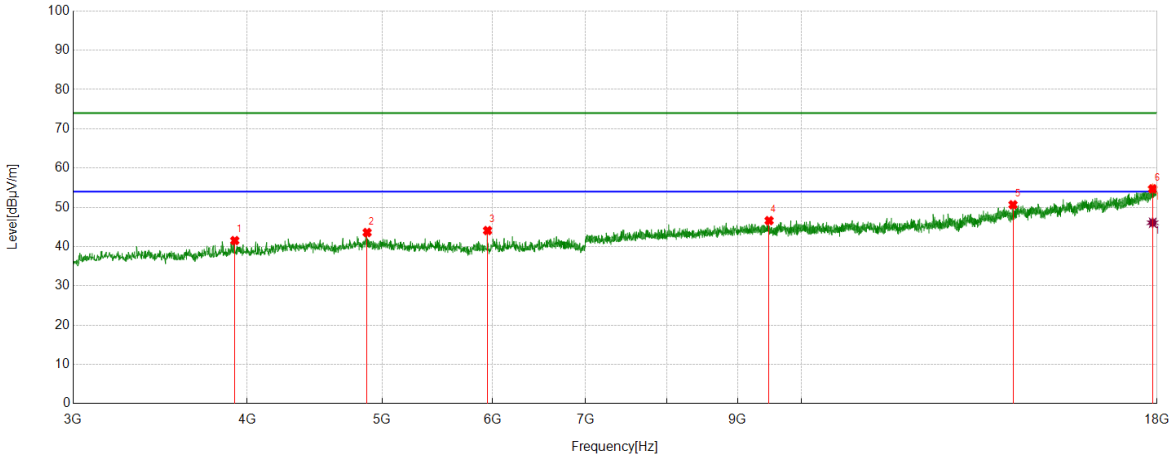
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3185.6482	52.06	-9.89	42.17	74.00	31.83	peak
2	4205.7757	48.59	-5.87	42.72	74.00	31.28	peak
3	8363.1704	44.18	2.00	46.18	74.00	27.82	peak
4	11657.9572	41.91	6.08	47.99	74.00	26.01	peak
5	14900.2375	40.20	11.36	51.56	74.00	22.44	peak
6	17900.6126	36.01	19.27	55.28	74.00	18.72	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17900.6126	26.53	19.27	45.80	54.00	8.20	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



PK Result:

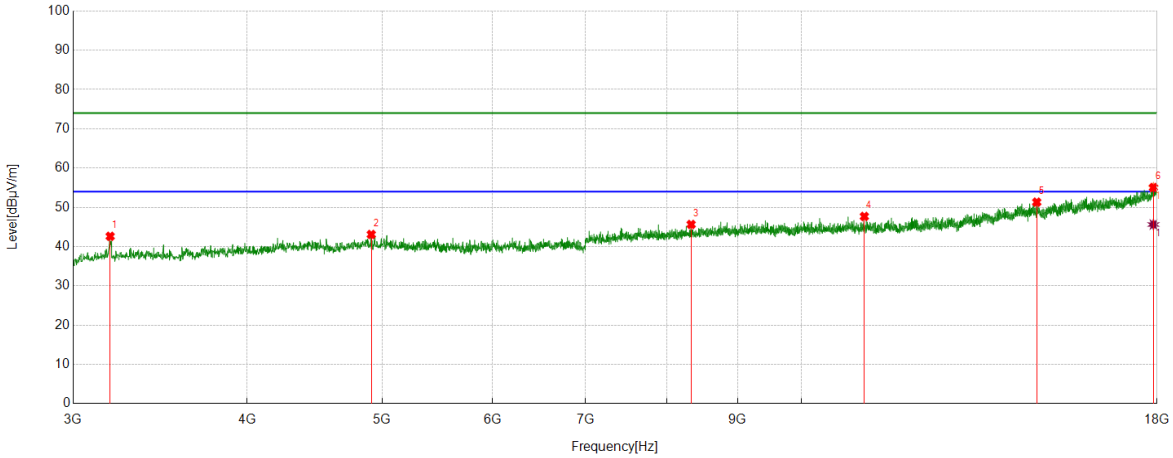
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3918.8649	48.93	-7.40	41.53	74.00	32.47	peak
2	4877.1096	47.12	-3.54	43.58	74.00	30.42	peak
3	5951.619	46.56	-2.47	44.09	74.00	29.91	peak
4	9478.9349	43.20	3.41	46.61	74.00	27.39	peak
5	14185.7732	39.66	10.99	50.65	74.00	23.35	peak
6	17870.6088	35.97	18.74	54.71	74.00	19.29	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17870.6088	27.34	18.74	46.08	54.00	7.92	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



PK Result:

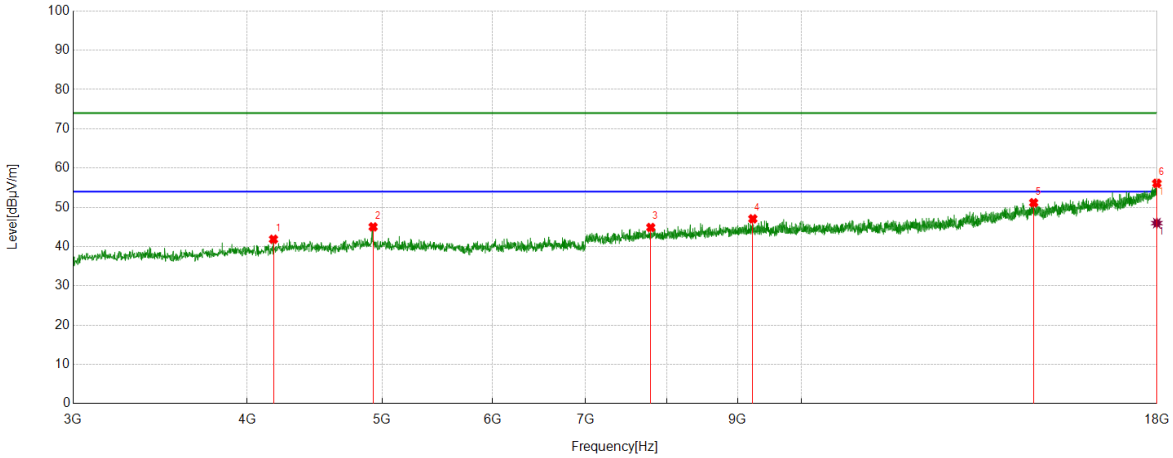
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3189.3987	52.54	-9.92	42.62	74.00	31.38	peak
2	4910.8639	46.89	-3.80	43.09	74.00	30.91	peak
3	8333.1666	43.85	1.79	45.64	74.00	28.36	peak
4	11095.3869	42.35	5.33	47.68	74.00	26.32	peak
5	14753.9692	40.00	11.32	51.32	74.00	22.68	peak
6	17893.1116	35.79	19.26	55.05	74.00	18.95	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17893.1116	26.36	19.26	45.62	54.00	8.38	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



PK Result:

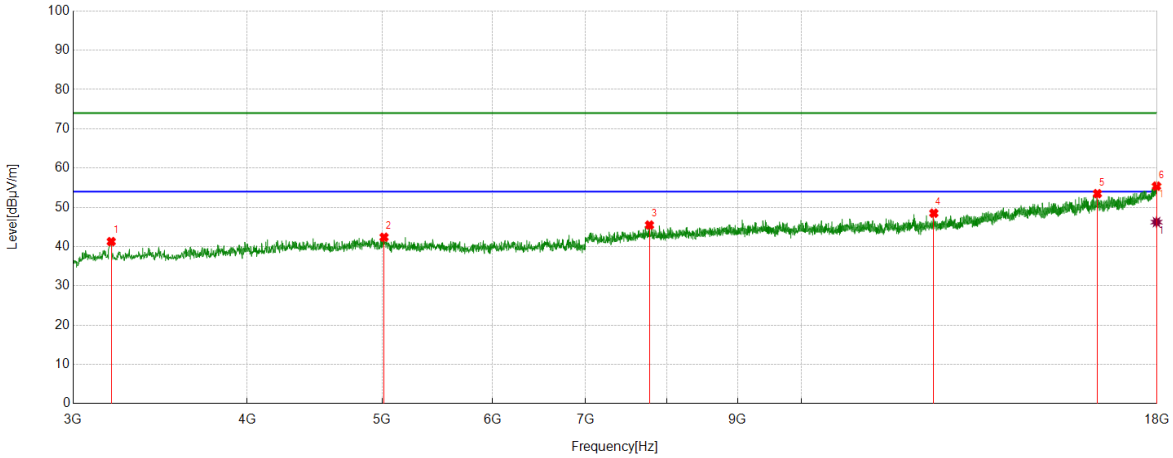
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4177.6472	48.45	-6.58	41.87	74.00	32.13	peak
2	4925.8657	48.87	-3.85	45.02	74.00	28.98	peak
3	7794.9744	43.80	1.07	44.87	74.00	29.13	peak
4	9227.6535	44.13	2.94	47.07	74.00	26.93	peak
5	14678.9599	39.36	11.81	51.17	74.00	22.83	peak
6	17994.3743	37.46	18.66	56.12	74.00	17.88	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17994.3743	27.32	18.66	45.98	54.00	8.02	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



PK Result:

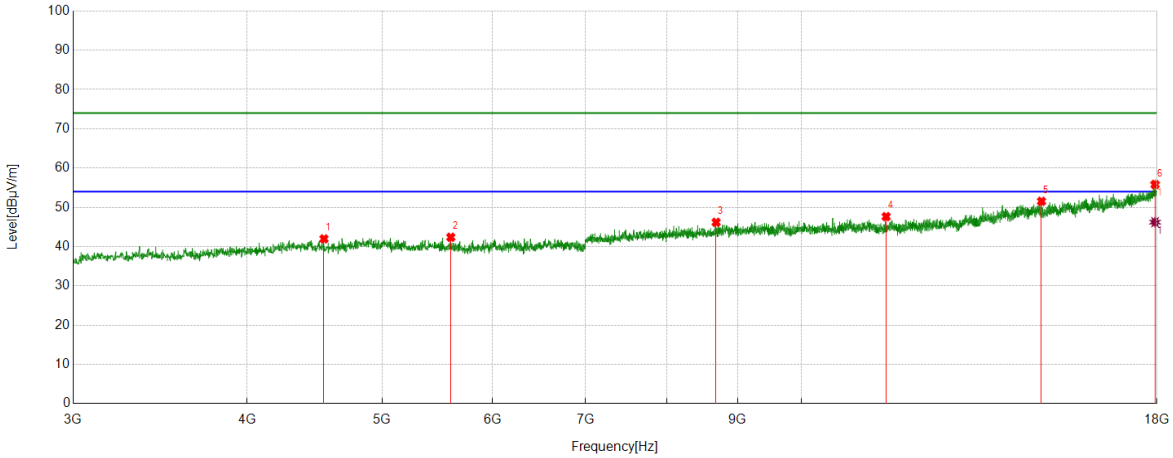
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3195.0244	51.16	-9.88	41.28	74.00	32.72	peak
2	5015.877	46.08	-3.69	42.39	74.00	31.61	peak
3	7778.0973	44.16	1.33	45.49	74.00	28.51	peak
4	12445.5557	41.47	7.03	48.50	74.00	25.50	peak
5	16310.4138	39.62	13.86	53.48	74.00	20.52	peak
6	17984.9981	36.78	18.62	55.40	74.00	18.60	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17984.9981	27.62	18.62	46.24	54.00	7.76	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



PK Result:

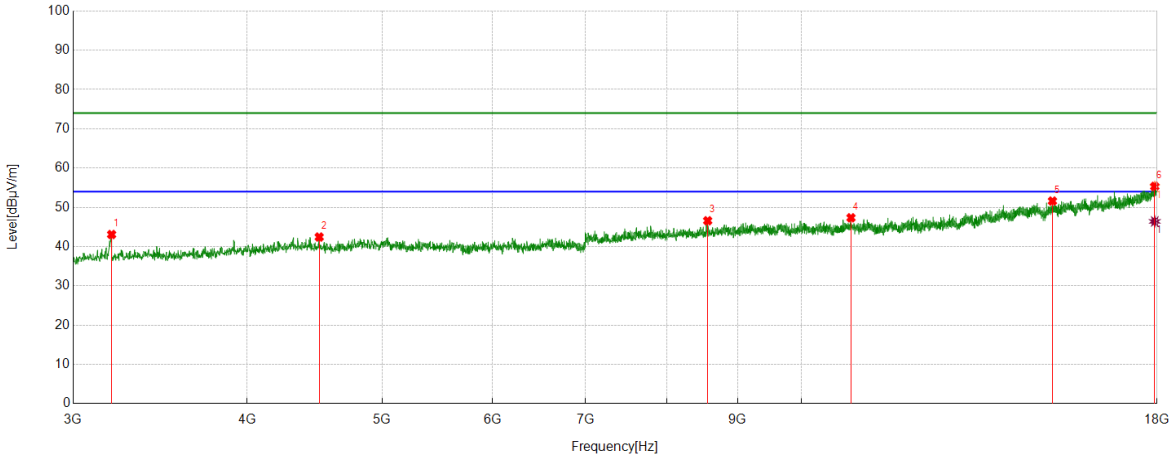
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4541.4427	47.69	-5.72	41.97	74.00	32.03	peak
2	5600.9501	44.93	-2.54	42.39	74.00	31.61	peak
3	8683.8355	44.01	2.18	46.19	74.00	27.81	peak
4	11502.3128	41.47	6.17	47.64	74.00	26.36	peak
5	14870.2338	39.98	11.56	51.54	74.00	22.46	peak
6	17941.8677	37.24	18.58	55.82	74.00	18.18	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17941.8677	27.64	18.58	46.22	54.00	7.78	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



PK Result:

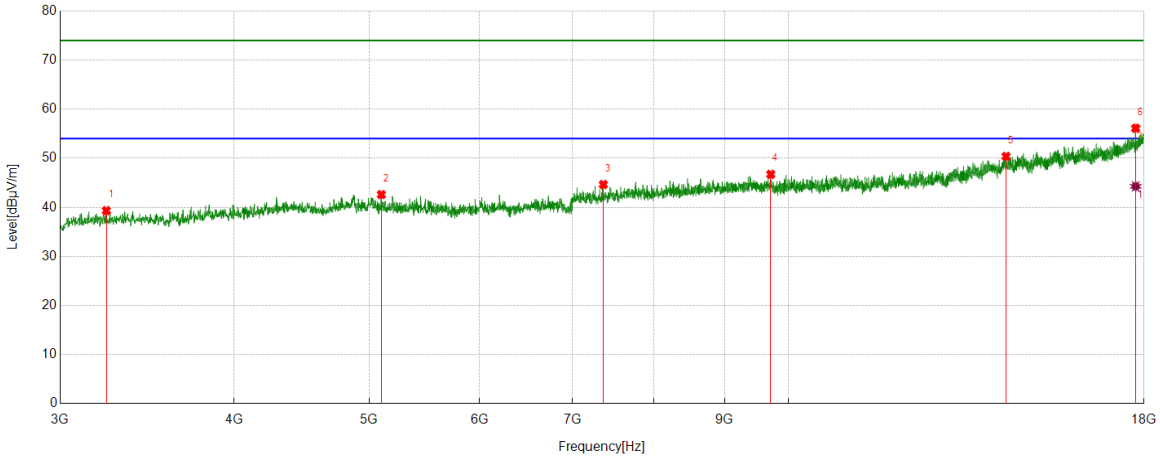
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3196.8996	52.95	-9.87	43.08	74.00	30.92	peak
2	4505.8132	47.74	-5.30	42.44	74.00	31.56	peak
3	8563.8205	44.47	2.12	46.59	74.00	27.41	peak
4	10853.4817	42.89	4.45	47.34	74.00	26.66	peak
5	15142.1428	39.91	11.69	51.60	74.00	22.40	peak
6	17932.4916	36.63	18.70	55.33	74.00	18.67	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17932.4916	27.71	18.70	46.41	54.00	7.59	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



PK Result:

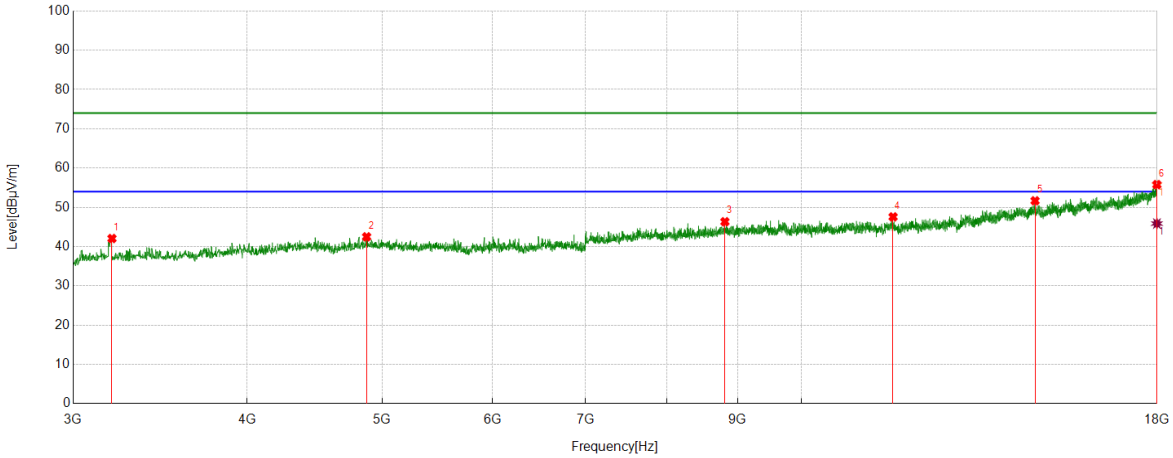
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3238.1548	48.54	-9.21	39.33	74.00	34.67	peak
2	5102.1378	46.40	-3.80	42.60	74.00	31.40	peak
3	7363.6705	44.78	-0.13	44.65	74.00	29.35	peak
4	9711.4639	43.09	3.64	46.73	74.00	27.27	peak
5	14328.291	39.41	10.97	50.38	74.00	23.62	peak
6	17754.3443	38.48	17.63	56.11	74.00	17.89	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17754.3443	26.64	17.63	44.27	54.00	9.73	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



PK Result:

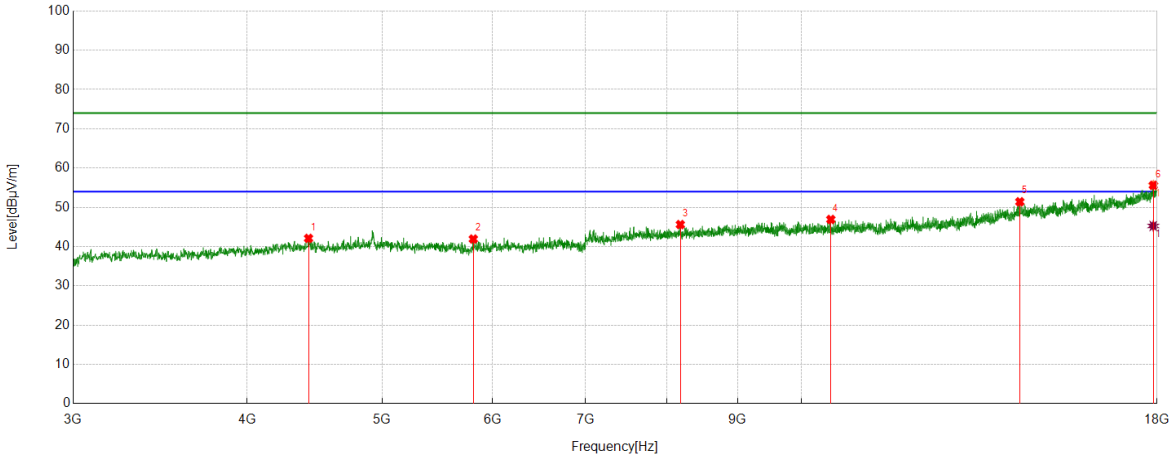
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3198.7748	51.92	-9.86	42.06	74.00	31.94	peak
2	4873.3592	46.11	-3.62	42.49	74.00	31.51	peak
3	8811.3514	43.61	2.72	46.33	74.00	27.67	peak
4	11635.4544	41.71	5.86	47.57	74.00	26.43	peak
5	14712.7141	40.11	11.56	51.67	74.00	22.33	peak
6	17996.2495	37.09	18.69	55.78	74.00	18.22	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17996.2495	27.18	18.69	45.87	54.00	8.13	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



PK Result:

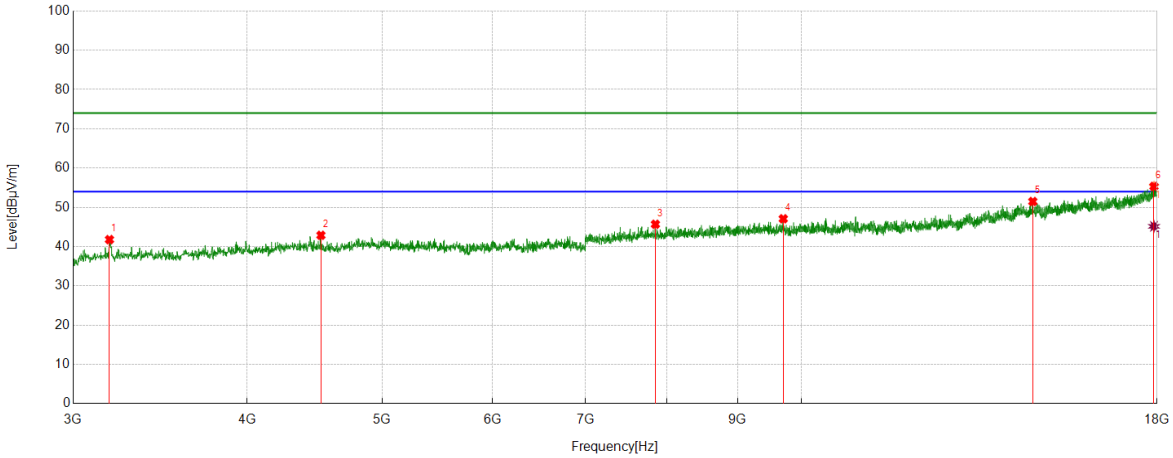
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4427.0534	47.49	-5.39	42.10	74.00	31.90	peak
2	5812.8516	44.64	-2.72	41.92	74.00	32.08	peak
3	8185.0231	43.42	2.19	45.61	74.00	28.39	peak
4	10497.1871	42.69	4.22	46.91	74.00	27.09	peak
5	14347.0434	40.32	11.09	51.41	74.00	22.59	peak
6	17889.3612	36.38	19.24	55.62	74.00	18.38	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17889.3612	26.02	19.24	45.26	54.00	8.74	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



PK Result:

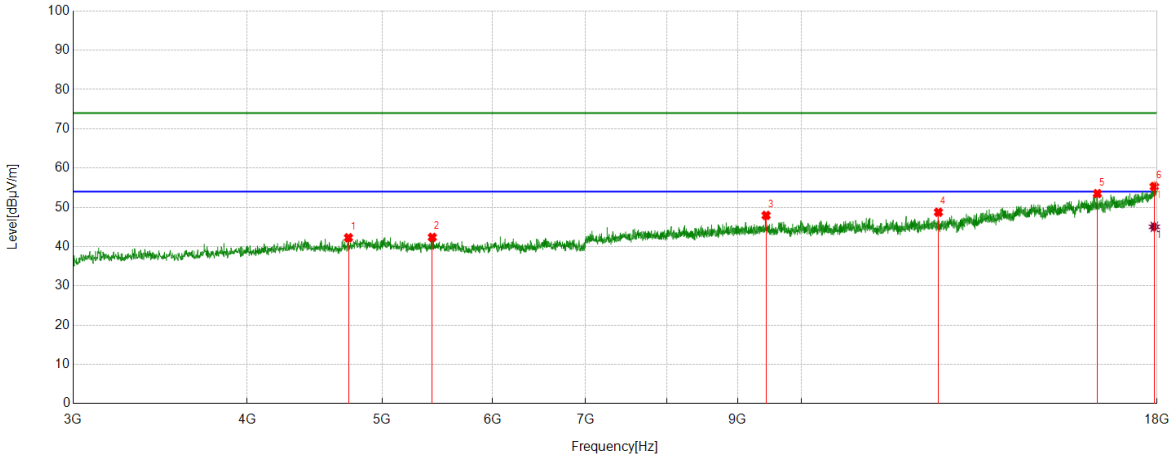
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3185.6482	51.68	-9.89	41.79	74.00	32.21	peak
2	4518.9399	48.19	-5.31	42.88	74.00	31.12	peak
3	7854.9819	44.20	1.49	45.69	74.00	28.31	peak
4	9703.963	43.50	3.58	47.08	74.00	26.92	peak
5	14658.3323	39.76	11.72	51.48	74.00	22.52	peak
6	17909.9887	36.29	19.04	55.33	74.00	18.67	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17909.9887	26.11	19.04	45.15	54.00	8.85	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



PK Result:

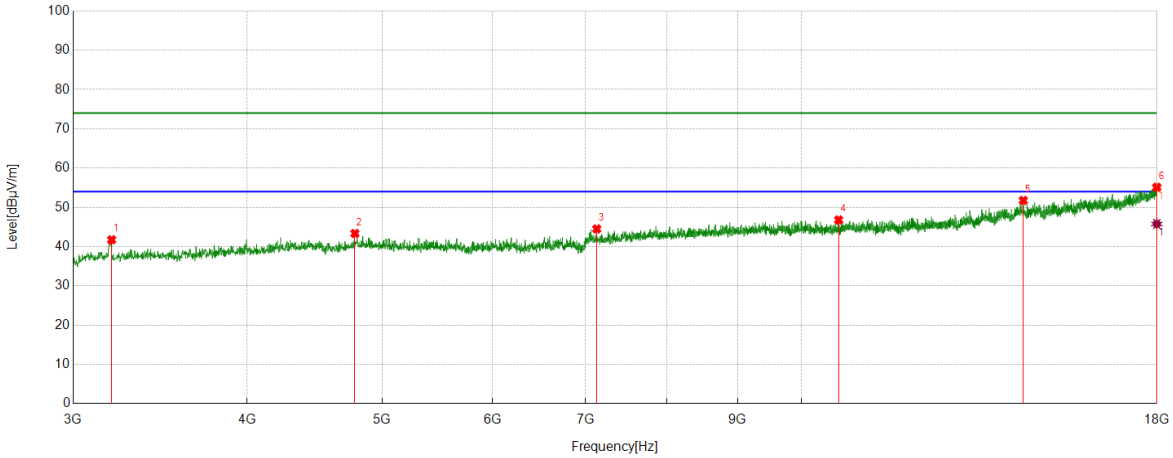
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4728.9661	46.49	-4.23	42.26	74.00	31.74	peak
2	5432.179	45.25	-2.89	42.36	74.00	31.64	peak
3	9432.054	44.37	3.57	47.94	74.00	26.06	peak
4	12541.1926	41.97	6.78	48.75	74.00	25.25	peak
5	16310.4138	39.64	13.86	53.50	74.00	20.50	peak
6	17919.3649	36.58	18.73	55.31	74.00	18.69	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17919.3649	26.30	18.73	45.03	54.00	8.97	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



PK Result:

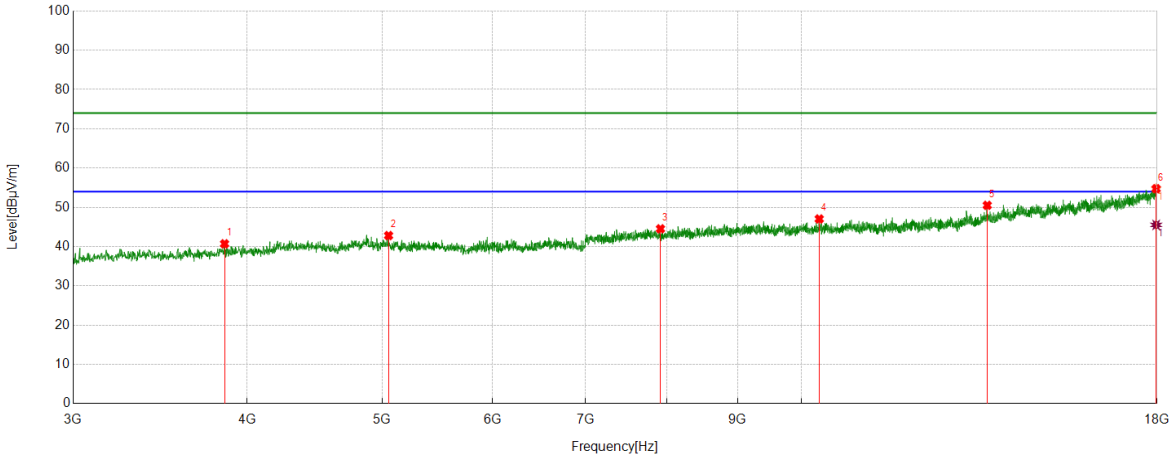
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3196.8996	51.61	-9.87	41.74	74.00	32.26	peak
2	4779.5974	47.12	-3.78	43.34	74.00	30.66	peak
3	7129.2662	44.41	0.09	44.50	74.00	29.50	peak
4	10634.0793	42.61	4.18	46.79	74.00	27.21	peak
5	14429.5537	40.01	11.75	51.76	74.00	22.24	peak
6	17992.4991	36.48	18.63	55.11	74.00	18.89	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17992.4991	27.13	18.63	45.76	54.00	8.24	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



PK Result:

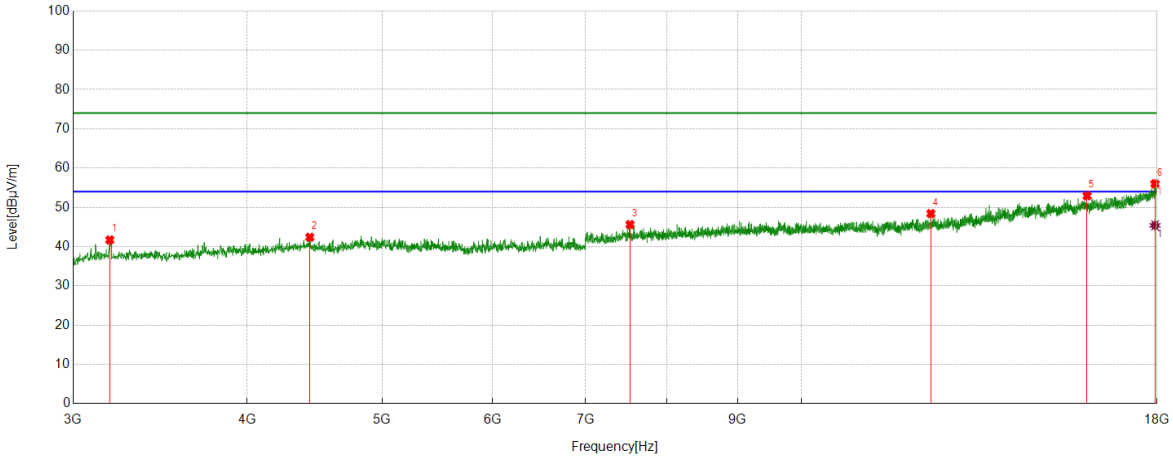
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3853.2317	48.13	-7.42	40.71	74.00	33.29	peak
2	5053.3817	45.90	-3.09	42.81	74.00	31.19	peak
3	7920.6151	43.23	1.30	44.53	74.00	29.47	peak
4	10298.4123	42.92	4.12	47.04	74.00	26.96	peak
5	13595.0744	41.25	9.26	50.51	74.00	23.49	peak
6	17973.7467	36.06	18.68	54.74	74.00	19.26	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17973.7467	26.84	18.68	45.52	54.00	8.48	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



PK Result:

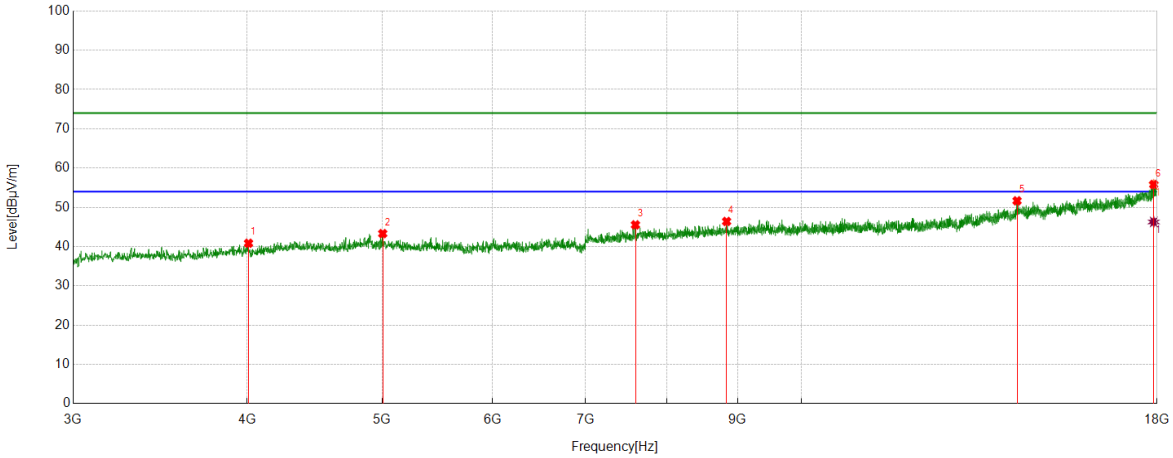
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3187.5234	51.60	-9.90	41.70	74.00	32.30	peak
2	4436.4296	47.62	-5.24	42.38	74.00	31.62	peak
3	7532.4416	45.16	0.45	45.61	74.00	28.39	peak
4	12385.5482	41.78	6.62	48.40	74.00	25.60	peak
5	16034.7543	38.78	14.15	52.93	74.00	21.07	peak
6	17939.9925	37.38	18.63	56.01	74.00	17.99	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17939.9925	26.77	18.63	45.40	54.00	8.60	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



PK Result:

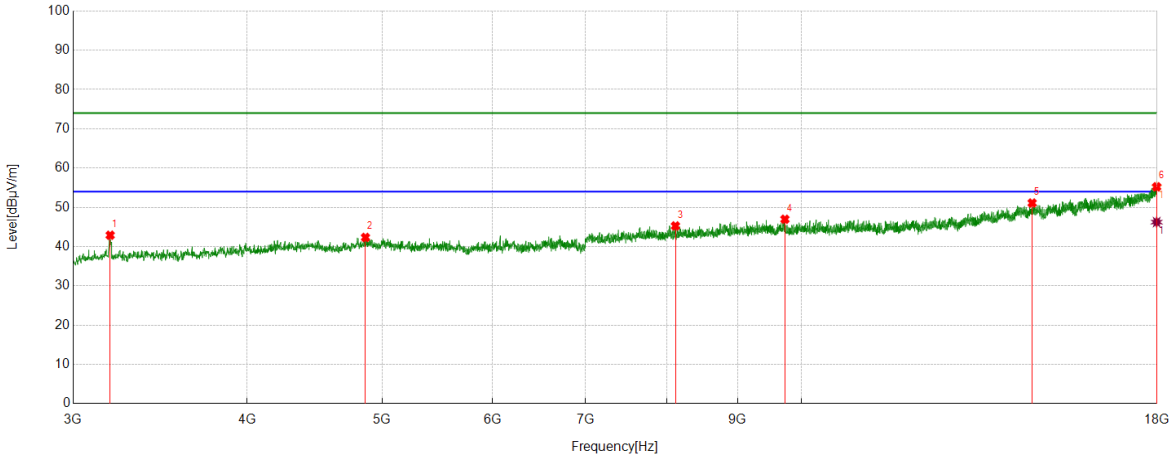
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4008.8761	47.39	-6.54	40.85	74.00	33.15	peak
2	5004.6256	47.09	-3.78	43.31	74.00	30.69	peak
3	7599.95	44.78	0.76	45.54	74.00	28.46	peak
4	8835.7295	43.84	2.56	46.40	74.00	27.60	peak
5	14281.4102	39.81	11.85	51.66	74.00	22.34	peak
6	17902.4878	36.59	19.23	55.82	74.00	18.18	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17902.4878	27.05	19.23	46.28	54.00	7.72	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



PK Result:

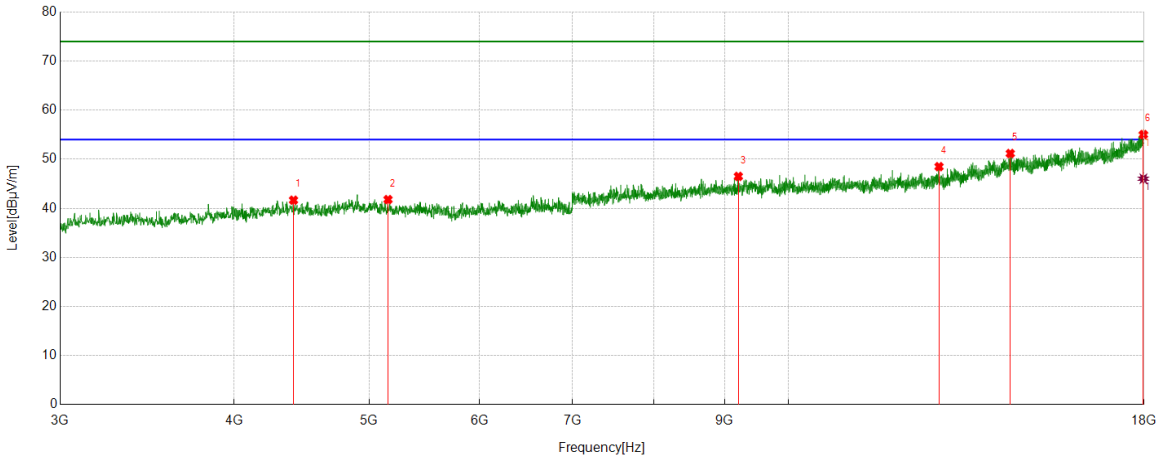
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3189.3987	52.82	-9.92	42.90	74.00	31.10	peak
2	4863.983	46.03	-3.70	42.33	74.00	31.67	peak
3	8119.3899	43.88	1.38	45.26	74.00	28.74	peak
4	9730.2163	43.47	3.49	46.96	74.00	27.04	peak
5	14643.3304	39.46	11.64	51.10	74.00	22.90	peak
6	17988.7486	36.63	18.59	55.22	74.00	18.78	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17988.7486	27.65	18.59	46.24	54.00	7.76	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11AX20	LCH	Horizontal	PASS



PK Result:

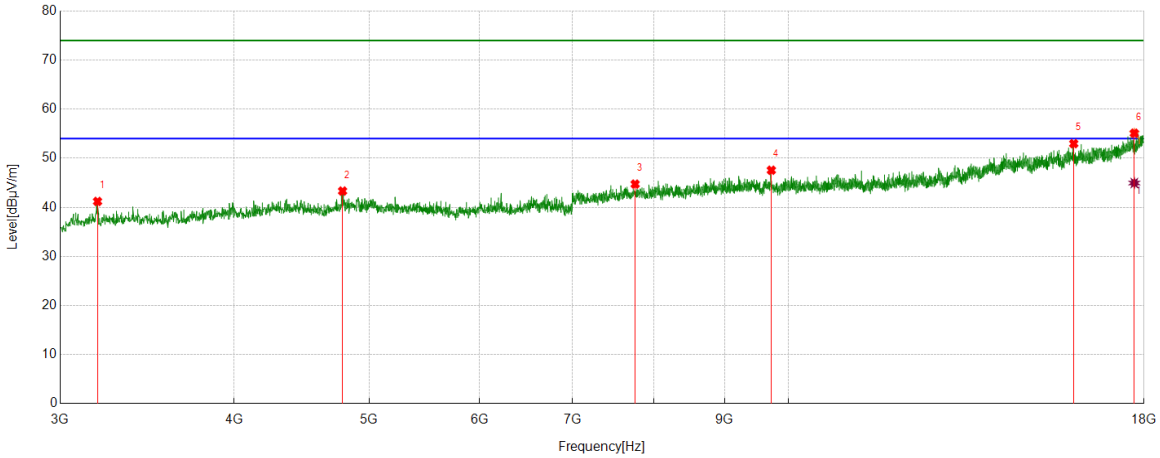
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4412.0515	47.12	-5.46	41.66	74.00	32.34	peak
2	5158.3948	46.03	-4.24	41.79	74.00	32.21	peak
3	9205.1506	43.85	2.66	46.51	74.00	27.49	peak
4	12826.2283	41.24	7.25	48.49	74.00	25.51	peak
5	14429.5537	39.42	11.75	51.17	74.00	22.83	peak
6	17981.2477	36.38	18.65	55.03	74.00	18.97	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17981.2477	27.38	18.65	46.03	54.00	7.97	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11AX20	LCH	Vertical	PASS



PK Result:

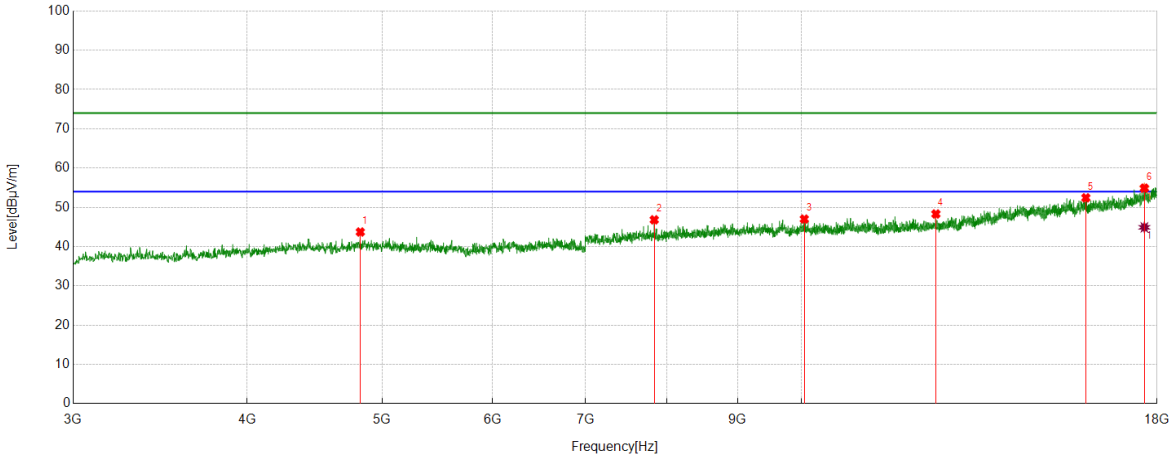
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3191.2739	51.12	-9.92	41.20	74.00	32.80	peak
2	4785.2232	46.91	-3.59	43.32	74.00	30.68	peak
3	7761.2202	43.32	1.41	44.73	74.00	29.27	peak
4	9720.8401	43.85	3.71	47.56	74.00	26.44	peak
5	16025.3782	38.65	14.32	52.97	74.00	21.03	peak
6	17713.0891	37.33	17.77	55.10	74.00	18.90	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17713.0891	27.18	17.77	44.95	54.00	9.05	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11AX20	MCH	Horizontal	PASS



PK Result:

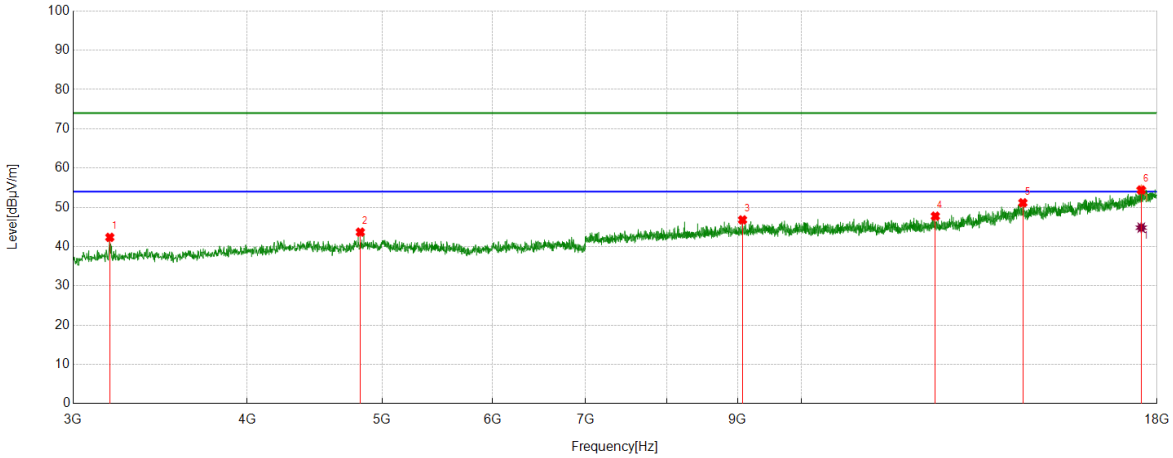
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4822.7278	47.81	-4.09	43.72	74.00	30.28	peak
2	7839.98	45.45	1.37	46.82	74.00	27.18	peak
3	10047.1309	43.10	3.91	47.01	74.00	26.99	peak
4	12488.6861	41.41	6.90	48.31	74.00	25.69	peak
5	16002.8754	38.53	13.89	52.42	74.00	21.58	peak
6	17626.8284	37.52	17.37	54.89	74.00	19.11	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17626.8284	27.53	17.37	44.90	54.00	9.10	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11AX20	MCH	Vertical	PASS



PK Result:

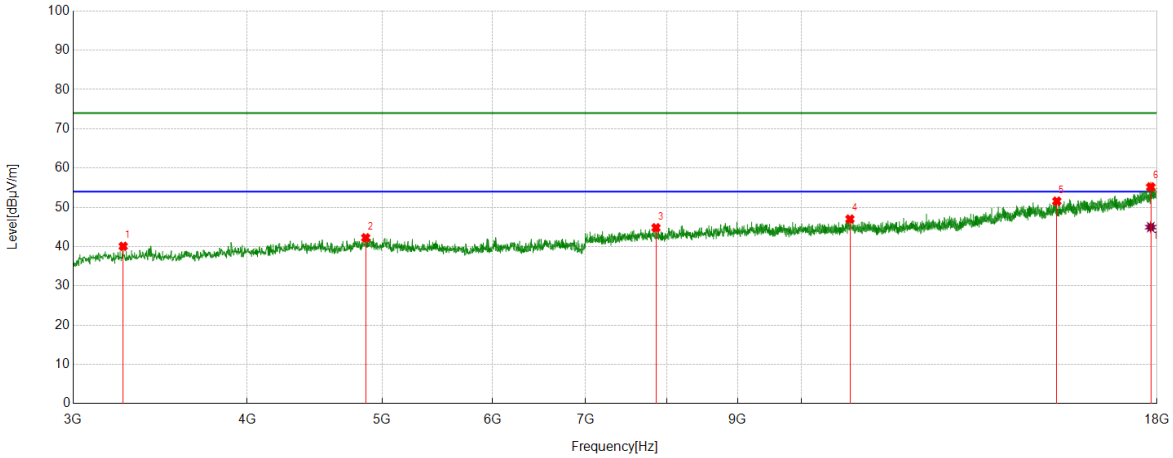
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3187.5234	52.26	-9.90	42.36	74.00	31.64	peak
2	4822.7278	47.77	-4.09	43.68	74.00	30.32	peak
3	9072.009	43.86	2.94	46.80	74.00	27.20	peak
4	12477.4347	40.98	6.77	47.75	74.00	26.25	peak
5	14420.1775	39.61	11.54	51.15	74.00	22.85	peak
6	17536.8171	37.77	16.64	54.41	74.00	19.59	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17536.8171	28.18	16.64	44.82	54.00	9.18	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11AX20	HCH	Horizontal	PASS



PK Result:

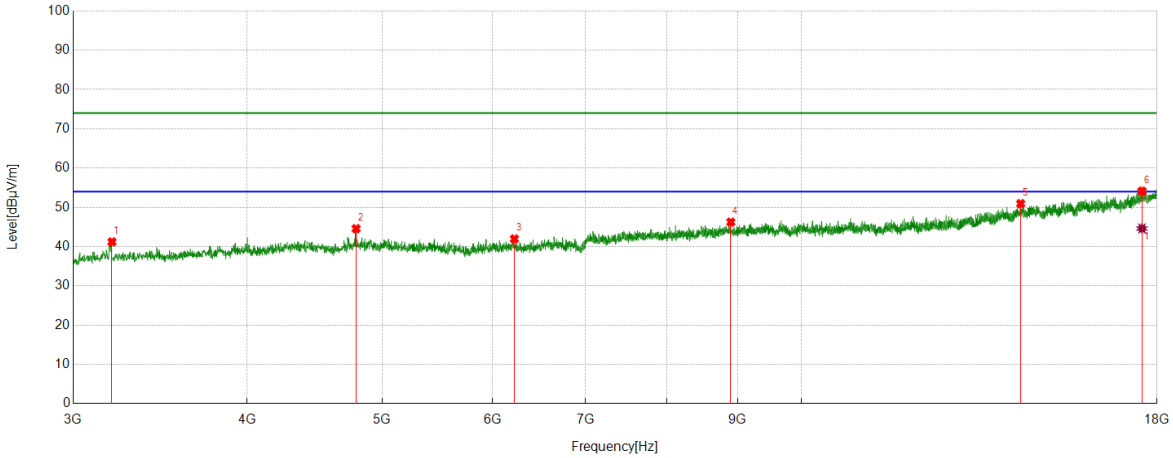
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3258.7823	49.77	-9.70	40.07	74.00	33.93	peak
2	4865.8582	45.94	-3.70	42.24	74.00	31.76	peak
3	7862.4828	43.15	1.64	44.79	74.00	29.21	peak
4	10834.7293	42.67	4.34	47.01	74.00	26.99	peak
5	15252.7816	38.71	12.86	51.57	74.00	22.43	peak
6	17814.3518	37.46	17.74	55.20	74.00	18.80	peak

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17814.3518	27.22	17.74	44.96	54.00	9.04	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11AX20	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	3198.7748	51.06	-9.86	41.20	74.00	32.80	peak
2	4788.9736	48.04	-3.47	44.57	74.00	29.43	peak
3	6221.6527	43.47	-1.50	41.97	74.00	32.03	peak
4	8897.6122	43.56	2.67	46.23	74.00	27.77	peak
5	14367.671	40.11	10.83	50.94	74.00	23.06	peak
6	17557.4447	37.02	17.08	54.10	74.00	19.90	peak

AV Result:

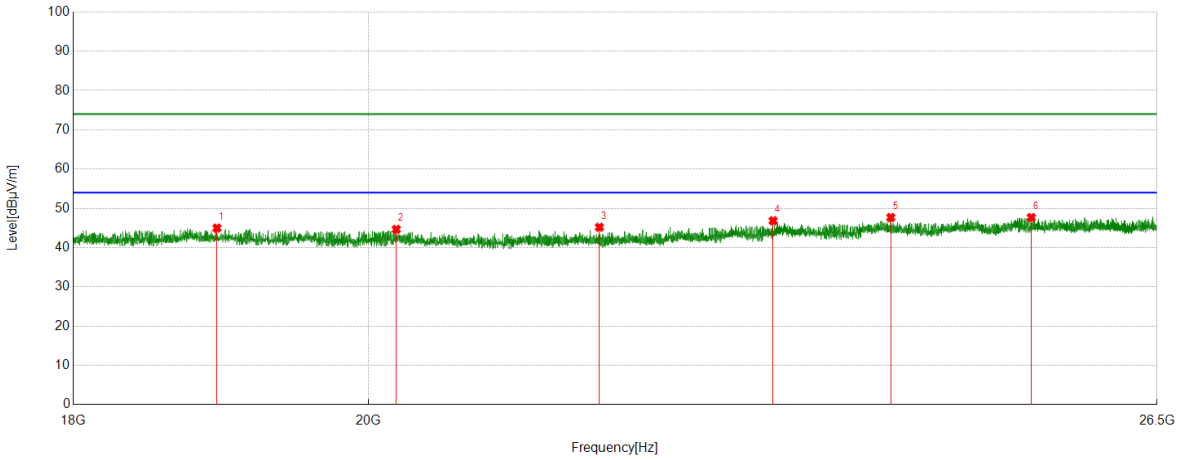
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17557.4447	27.53	17.08	44.61	54.00	9.39	AV

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 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Part III: 18GHz~26.5GHz

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

Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS

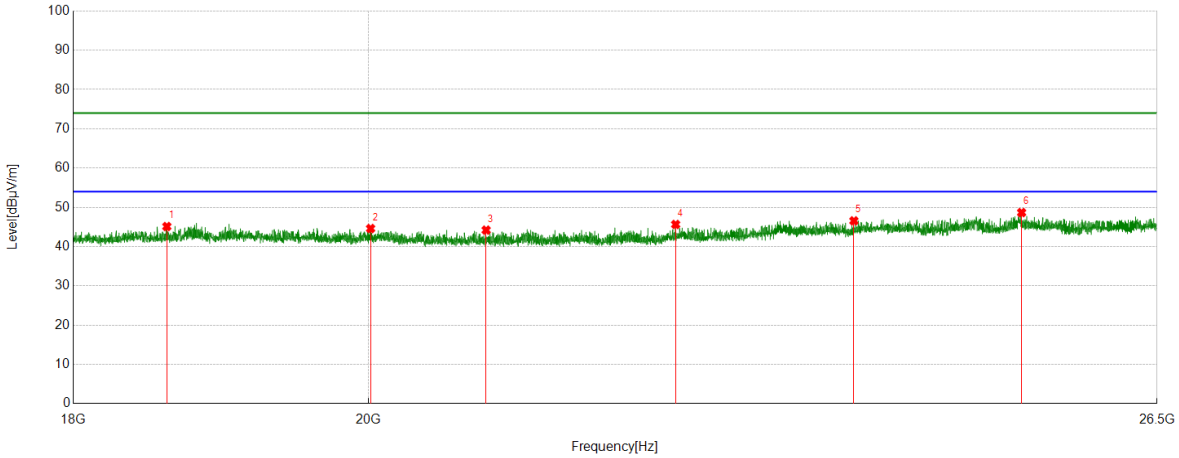


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	18947.8448	51.09	-6.12	44.97	74.00	29.03	Peak
2	20200.02	49.96	-5.31	44.65	74.00	29.35	Peak
3	21718.2718	50.93	-5.75	45.18	74.00	28.82	Peak
4	23107.3107	50.30	-3.47	46.83	74.00	27.17	Peak
5	24098.5099	50.36	-2.70	47.66	74.00	26.34	Peak
6	25337.0837	50.95	-3.29	47.66	74.00	26.34	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.
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
11G	MCH	Vertical	PASS



PK Result:

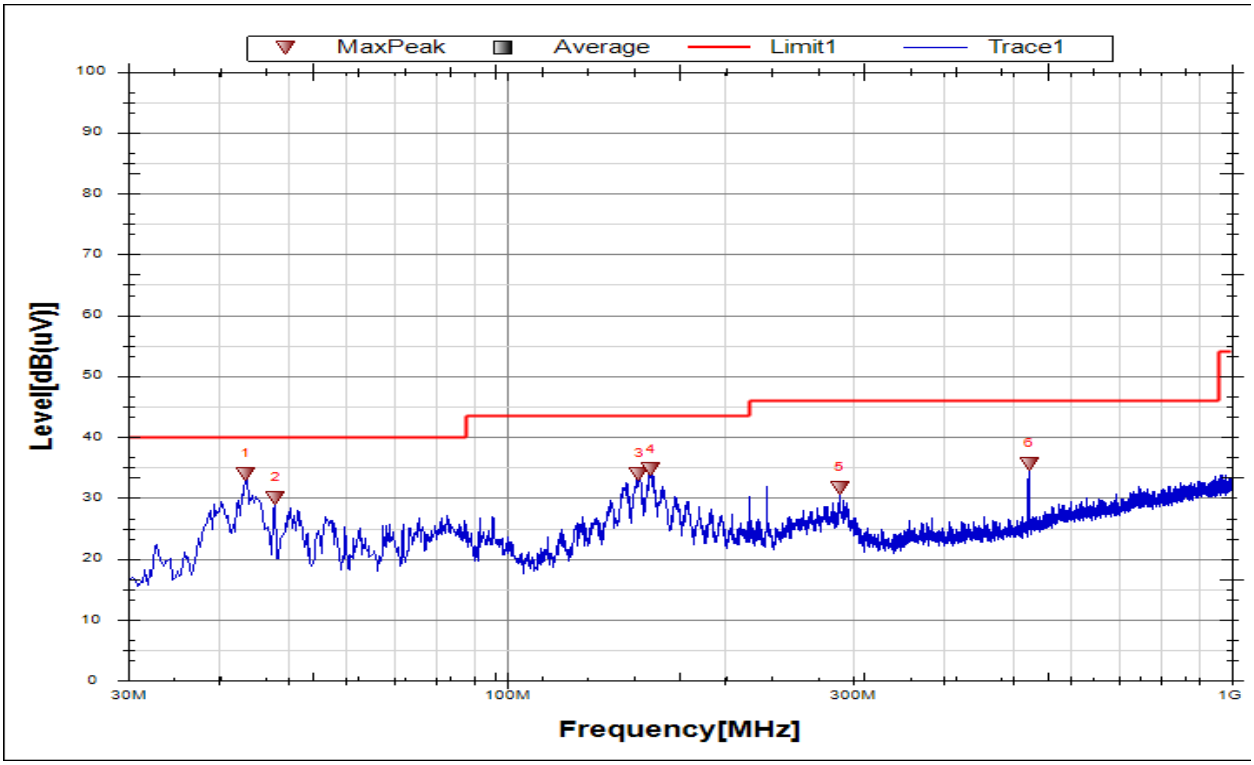
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	18612.0612	51.53	-6.41	45.12	74.00	28.88	Peak
2	20015.5516	49.66	-5.06	44.60	74.00	29.40	Peak
3	20857.9858	50.15	-5.95	44.20	74.00	29.80	Peak
4	22317.5818	50.77	-5.13	45.64	74.00	28.36	Peak
5	23783.1283	49.50	-2.94	46.56	74.00	27.44	Peak
6	25249.525	52.01	-3.35	48.66	74.00	25.34	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.
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 IV: 30MHz~1GHz

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

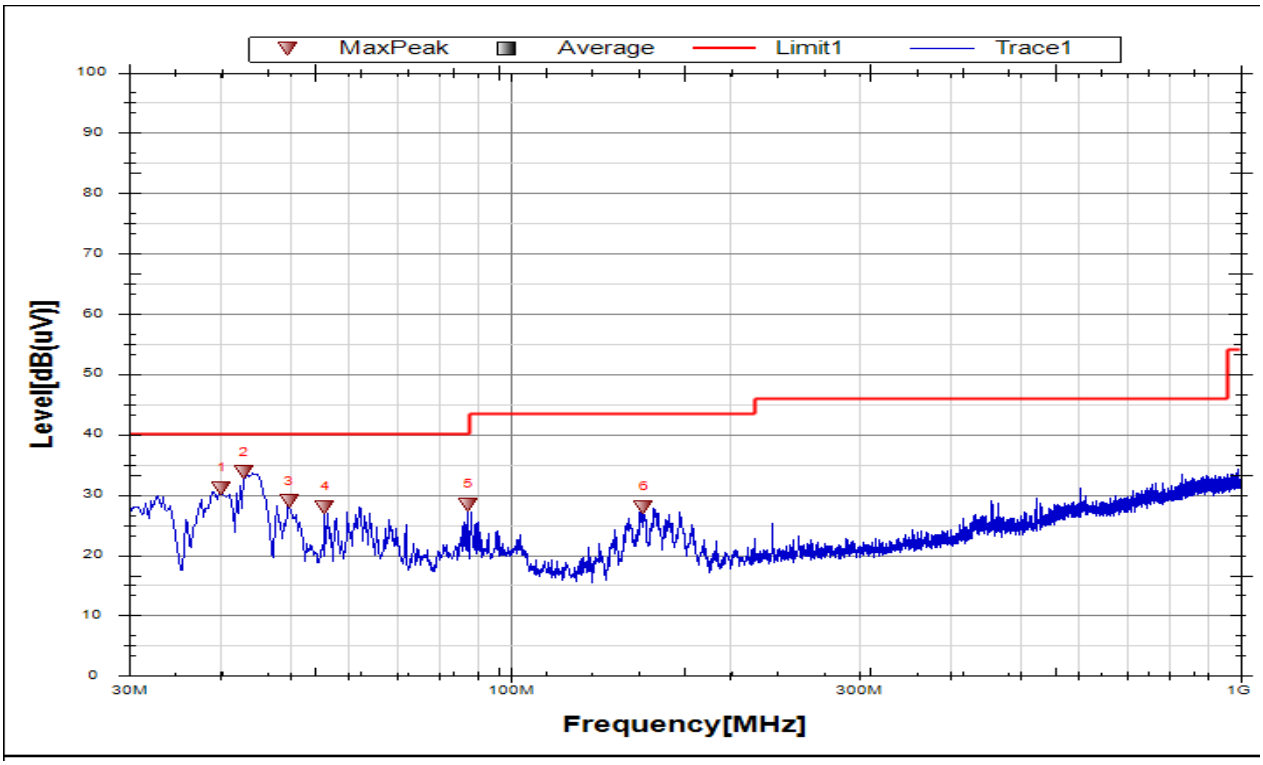
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	43.5834	13.62	20.35	33.97	40	6.03	Peak
2	47.9495	9.19	20.81	30	40	10.00	Peak
3	152.2507	18.52	15.5	34.02	43.5	9.48	Peak
4	157.8296	18.87	15.79	34.66	43.5	8.84	Peak
5	287.5998	10.74	21.01	31.75	46	14.25	Peak
6	525.067	9.49	26.16	35.65	46	10.35	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
11G	MCH	Vertical	PASS



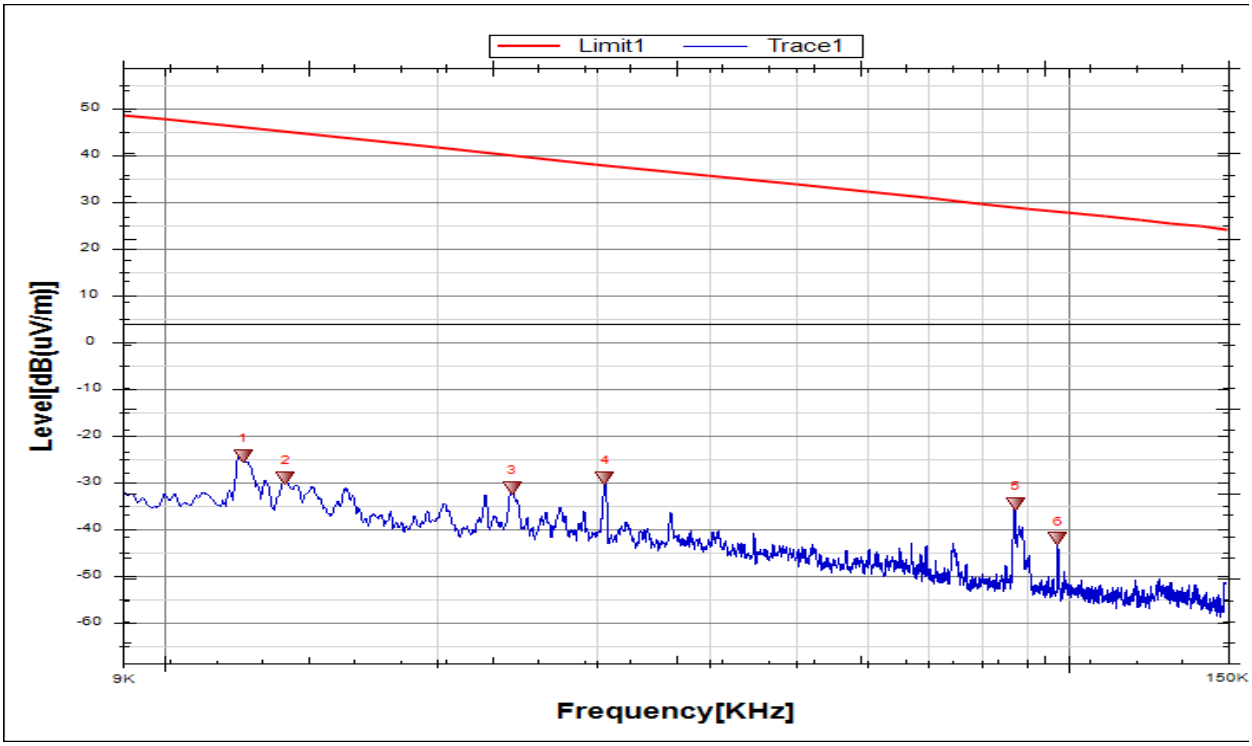
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	40.1876	11.18	19.98	31.16	40	8.84	Peak
2	43.0983	13.4	20.3	33.7	40	6.30	Peak
3	49.6474	7.89	21	28.89	40	11.11	Peak
4	55.7115	7.69	20.22	27.91	40	12.09	Peak
5	87.487	12.27	16.08	28.35	40	11.65	Peak
6	152.2507	12.49	15.5	27.99	43.5	15.51	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 V: 9kHz~30MHz

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

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

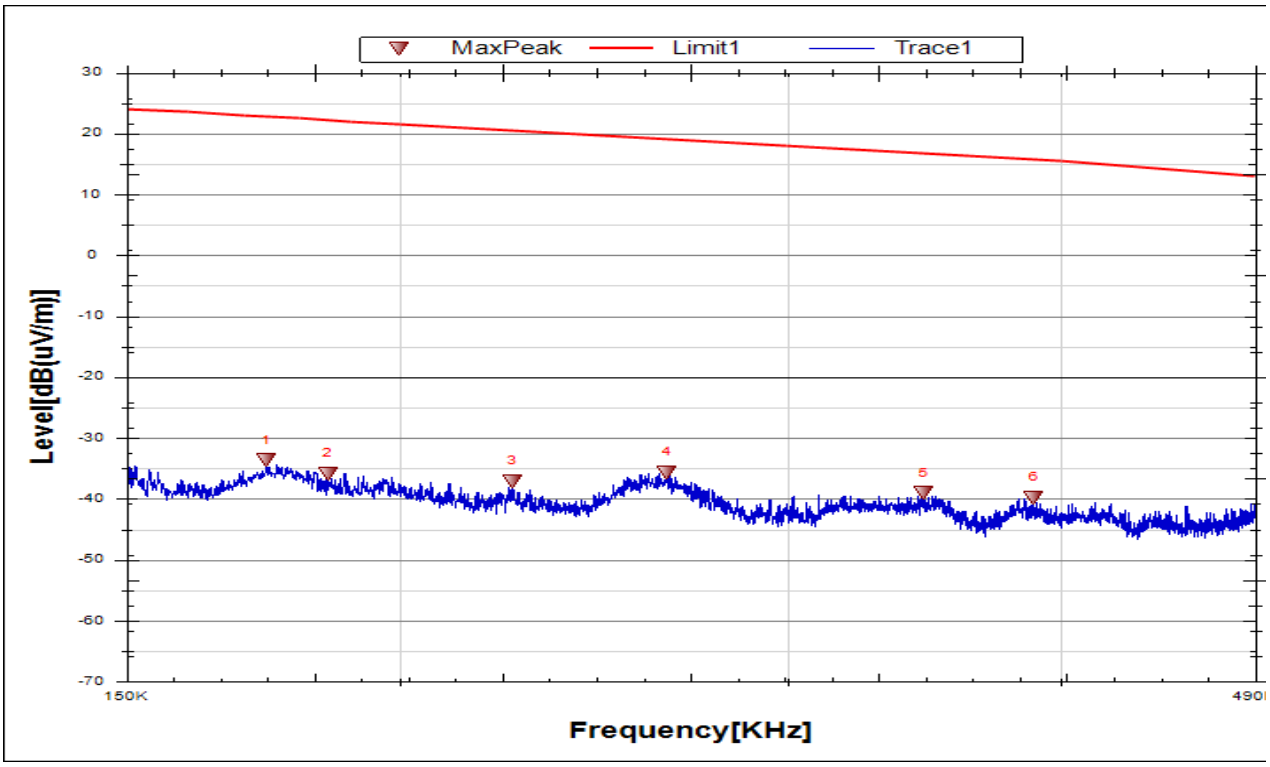


No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.0122	37.52	-61.89	-24.37	46.28	-75.87	-5.22	70.65	Peak
2	0.0136	32.74	-61.87	-29.13	45.43	-80.63	-6.07	74.56	Peak
3	0.0242	30.59	-61.77	-31.18	40.1	-82.68	-11.4	71.28	Peak
4	0.0307	32.66	-61.71	-29.05	37.89	-80.55	-13.61	66.94	Peak
5	0.0873	27.1	-61.81	-34.71	28.8	-86.21	-22.7	63.51	Peak
6	0.0973	19.67	-61.81	-42.14	27.85	-93.64	-23.65	69.99	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
5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

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

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

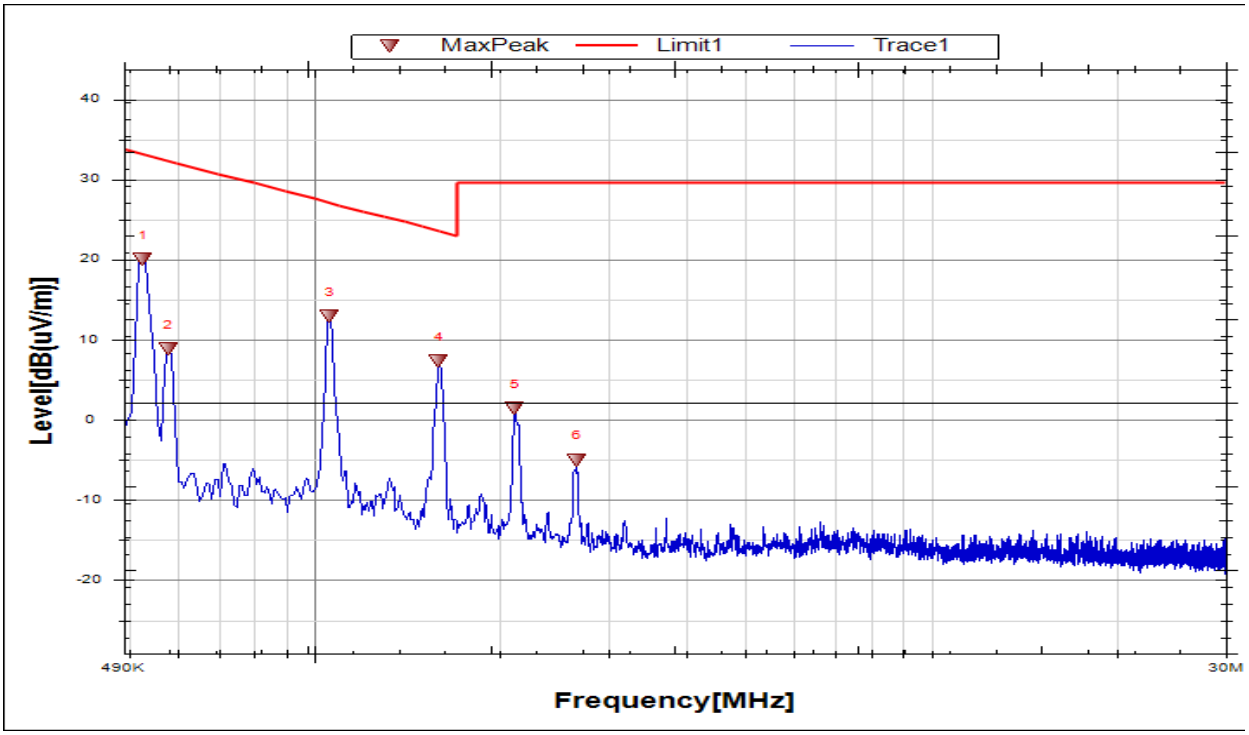


No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.1737	28.19	-61.85	-33.66	22.82	-85.16	-28.68	56.48	Peak
2	0.1852	26.04	-61.85	-35.81	22.26	-87.31	-29.24	58.07	Peak
3	0.2248	24.72	-61.87	-37.15	20.71	-88.65	-30.79	57.86	Peak
4	0.2643	26.25	-61.89	-35.64	19.32	-87.14	-32.18	54.96	Peak
5	0.3461	22.87	-61.9	-39.03	16.91	-90.53	-34.59	55.94	Peak
6	0.3884	22.07	-61.89	-39.82	15.85	-91.32	-35.65	55.67	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
5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

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

Test Mode	Channel	Frequency Range	Verdict
11G	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	0.5269	41.94	-21.87	20.07	33.21	-31.43	-18.29	13.14	Peak
2	0.5785	30.7	-21.88	8.82	32.38	-42.68	-19.12	23.56	Peak
3	1.0582	34.81	-21.85	12.96	27.12	-38.54	-24.38	14.16	Peak
4	1.5895	29.16	-21.84	7.32	23.58	-44.18	-27.92	16.26	Peak
5	2.1134	23.25	-21.8	1.45	29.54	-50.05	-21.96	28.09	Peak
6	2.6594	16.78	-21.79	-5.01	29.54	-56.51	-21.96	34.55	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
5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

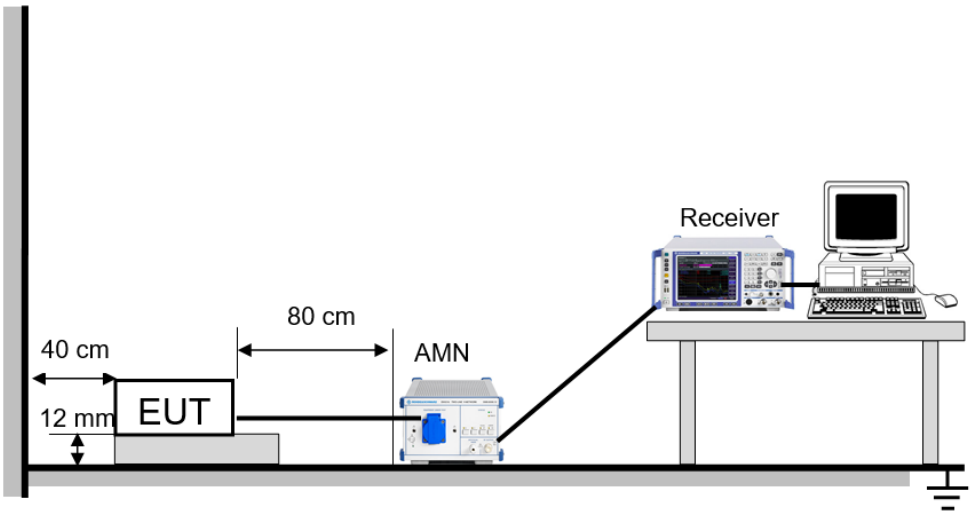
9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a) , ISED RSS-Gen Clause 8.8

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



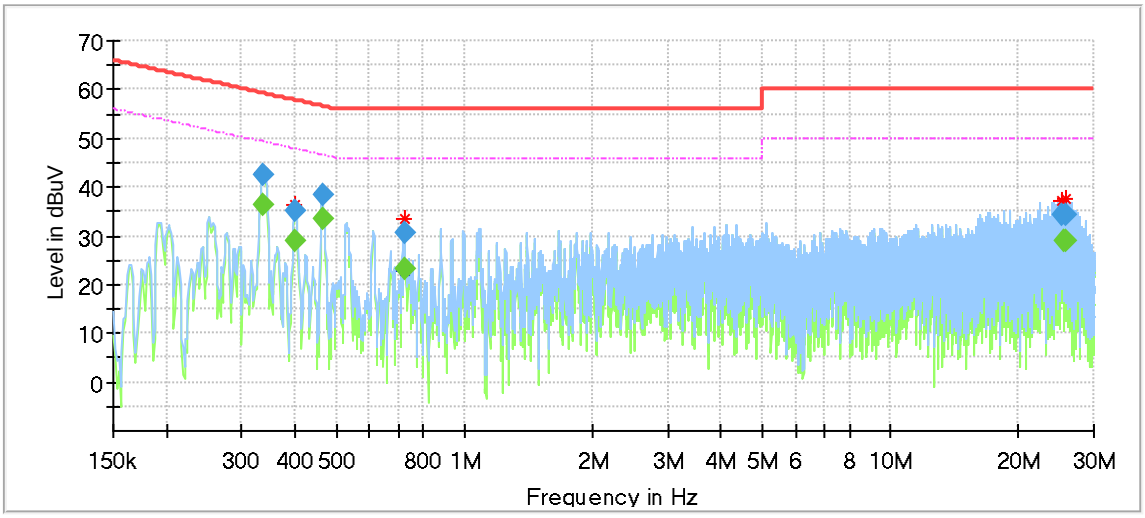
The EUT is put on a table of non-conducting material that is 12mm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver 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	21.9℃	Relative Humidity	52.2%
Atmosphere Pressure	102.1kpa	Test Voltage	AC120V/60Hz

LINE L RESULTS (WORST-CASE CONFIGURATION)

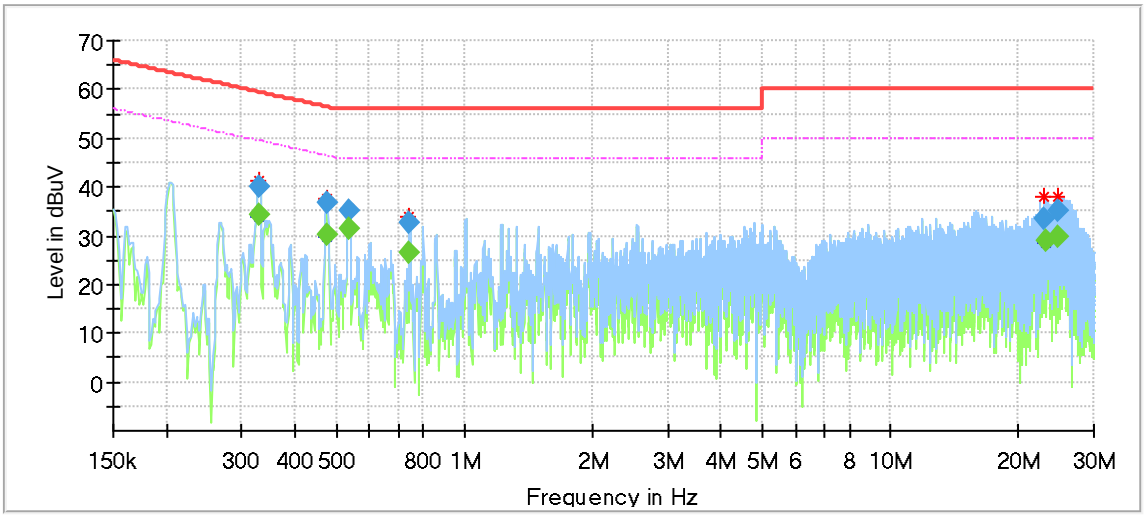


Final_Result

Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.338055	---	36.44	49.25	12.82	1000.0	9.000	L1	OFF	9.6
0.338055	42.45	---	59.25	16.80	1000.0	9.000	L1	OFF	9.6
0.402233	---	28.86	47.81	18.95	1000.0	9.000	L1	OFF	9.6
0.402233	35.33	---	57.81	22.48	1000.0	9.000	L1	OFF	9.6
0.463425	---	33.43	46.63	13.20	1000.0	9.000	L1	OFF	9.6
0.464918	38.53	---	56.60	18.08	1000.0	9.000	L1	OFF	9.6
0.723120	30.50	---	56.00	25.50	1000.0	9.000	L1	OFF	9.6
0.723120	---	23.16	46.00	22.84	1000.0	9.000	L1	OFF	9.6
25.370265	34.14	---	60.00	25.86	1000.0	9.000	L1	OFF	9.8
25.625483	---	29.06	50.00	20.94	1000.0	9.000	L1	OFF	9.8
25.880700	---	29.01	50.00	20.99	1000.0	9.000	L1	OFF	9.8
25.880700	34.14	---	60.00	25.86	1000.0	9.000	L1	OFF	9.8

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
5. Pre-testing all test modes and channels, and find the MCH of 11G which is the worst case, so only the worst case is included in this test report.

LINE N RESULTS (WORST-CASE CONFIGURATION)



Final_Result

Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.330593	---	34.18	49.44	15.26	1000.0	9.000	N	OFF	9.6
0.330593	40.07	---	59.44	19.36	1000.0	9.000	N	OFF	9.6
0.475365	---	30.06	46.42	16.36	1000.0	9.000	N	OFF	9.6
0.475365	36.65	---	56.42	19.77	1000.0	9.000	N	OFF	9.6
0.538050	---	31.60	46.00	14.40	1000.0	9.000	N	OFF	9.6
0.538050	35.22	---	56.00	20.78	1000.0	9.000	N	OFF	9.6
0.742523	32.48	---	56.00	23.52	1000.0	9.000	N	OFF	9.6
0.742523	---	26.60	46.00	19.40	1000.0	9.000	N	OFF	9.6
22.980773	33.48	---	60.00	26.52	1000.0	9.000	N	OFF	9.8
23.265840	---	28.97	50.00	21.03	1000.0	9.000	N	OFF	9.8
24.689685	---	29.96	50.00	20.04	1000.0	9.000	N	OFF	9.8
24.689685	35.07	---	60.00	24.93	1000.0	9.000	N	OFF	9.8

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
5. Pre-testing all test modes and channels, and find the MCH of 11G 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