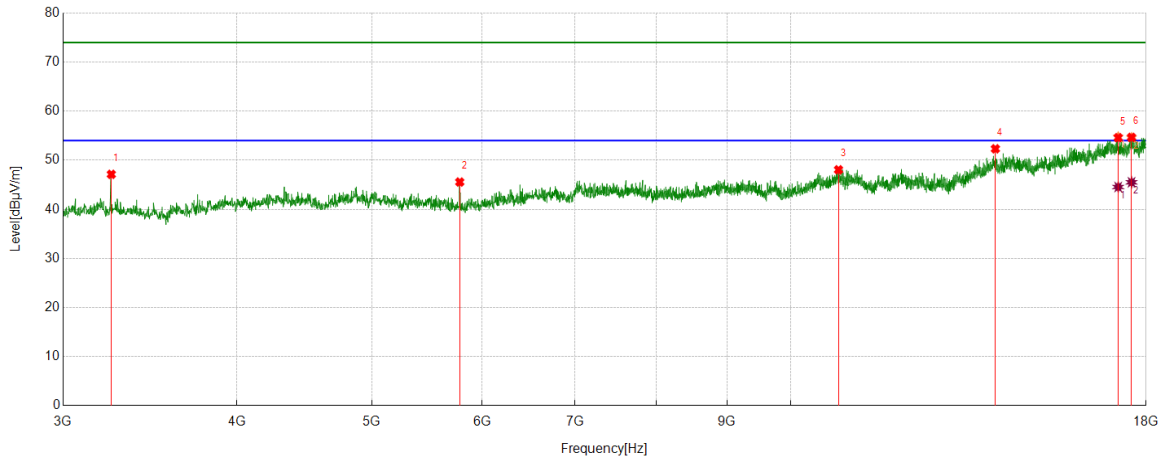




Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS

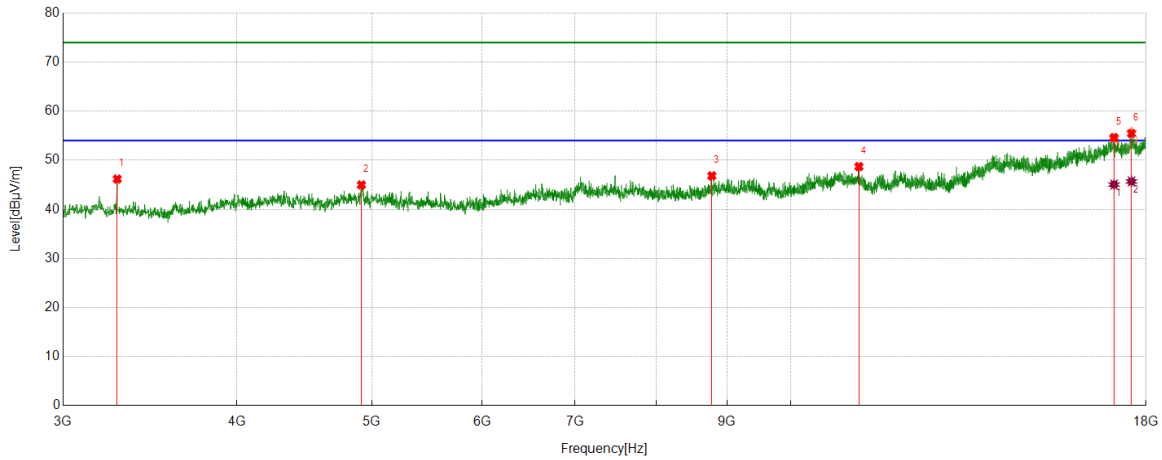


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3249.4062	44.95	2.18	47.13	74.00	-26.87	peak
2	5782.8479	41.33	4.23	45.56	74.00	-28.44	peak
3	10821.6027	35.85	12.21	48.06	74.00	-25.94	peak
4	14028.2535	36.34	15.99	52.33	74.00	-21.67	peak
5	17188.0235	35.46	19.13	54.59	74.00	-19.41	peak
		25.42	19.13	44.55	54.00	-9.45	average
6	17572.4466	34.69	19.97	54.66	74.00	-19.34	peak
		25.54	19.97	45.51	54.00	-8.49	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS

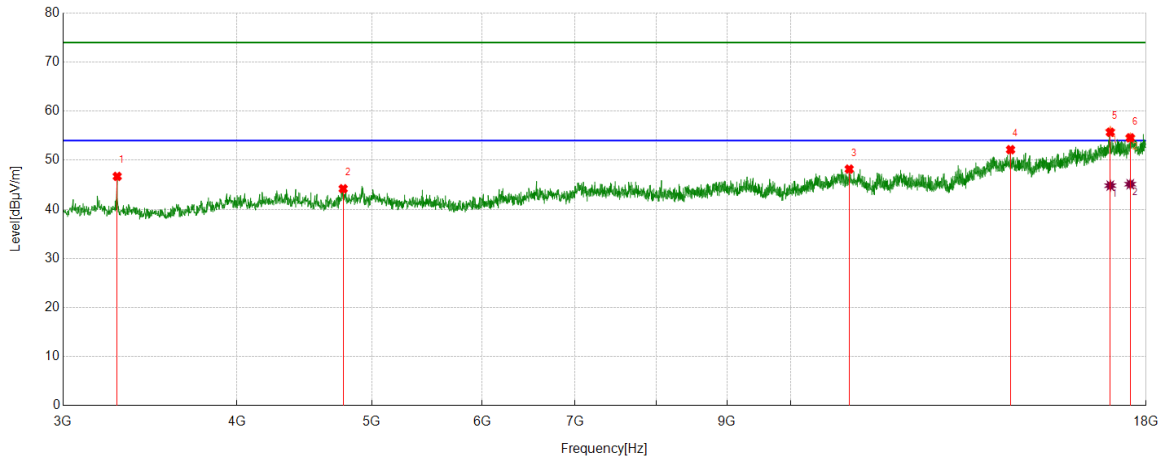


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	43.16	3.01	46.17	74.00	-27.83	peak
2	4914.6143	39.51	5.46	44.97	74.00	-29.03	peak
3	8775.722	37.83	9.00	46.83	74.00	-27.17	peak
4	11192.8991	36.80	11.91	48.71	74.00	-25.29	peak
5	17069.8837	34.86	19.75	54.61	74.00	-19.39	peak
		25.29	19.75	45.04	54.00	-8.96	average
6	17570.5713	35.40	20.04	55.44	74.00	-18.56	peak
		25.64	20.04	45.68	54.00	-8.32	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS

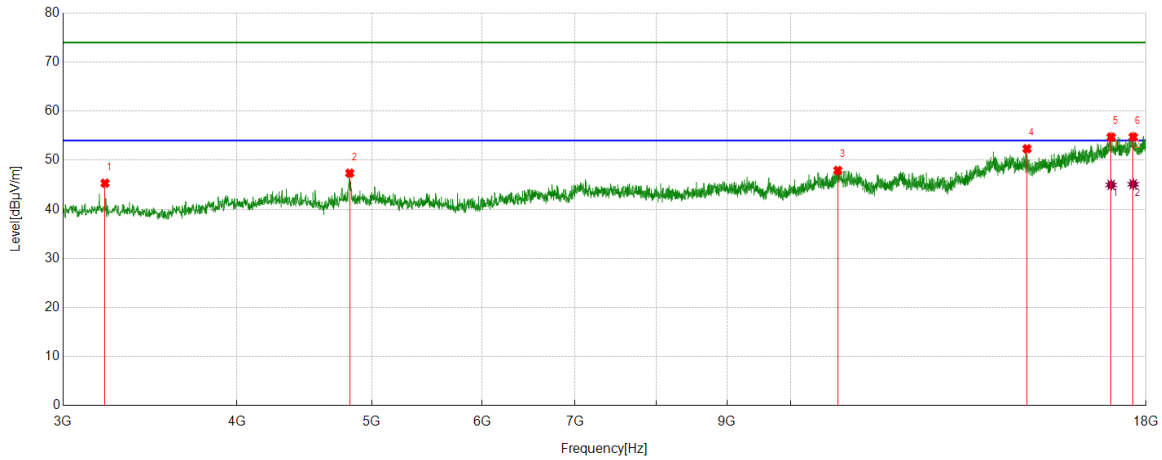


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	43.70	3.01	46.71	74.00	-27.29	peak
2	4768.346	38.91	5.28	44.19	74.00	-29.81	peak
3	11014.7518	35.72	12.47	48.19	74.00	-25.81	peak
4	14384.5481	36.40	15.75	52.15	74.00	-21.85	peak
5	16964.8706	35.83	19.87	55.70	74.00	-18.30	peak
		24.96	19.87	44.83	54.00	-9.17	average
6	17534.9419	35.50	19.07	54.57	74.00	-19.43	peak
		26.05	19.07	45.12	54.00	-8.88	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS

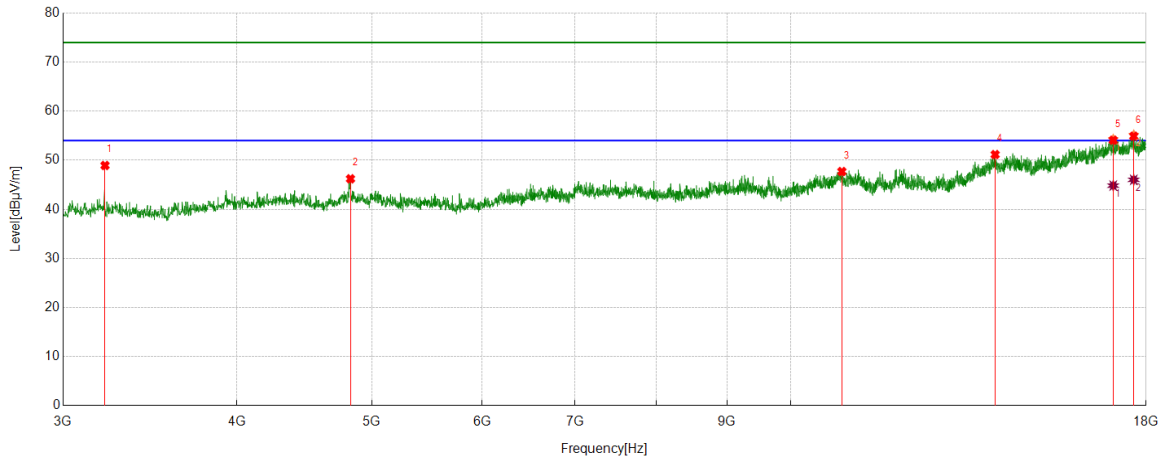


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3215.652	43.04	2.28	45.32	74.00	-28.68	peak
2	4820.8526	42.04	5.33	47.37	74.00	-26.63	peak
3	10808.4761	35.82	12.10	47.92	74.00	-26.08	peak
4	14780.2225	36.77	15.57	52.34	74.00	-21.66	peak
5	16989.2487	35.49	19.23	54.72	74.00	-19.28	peak
		25.74	19.23	44.97	54.00	-9.03	average
6	17621.2026	35.45	19.28	54.73	74.00	-19.27	peak
		25.83	19.28	45.11	54.00	-8.89	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS

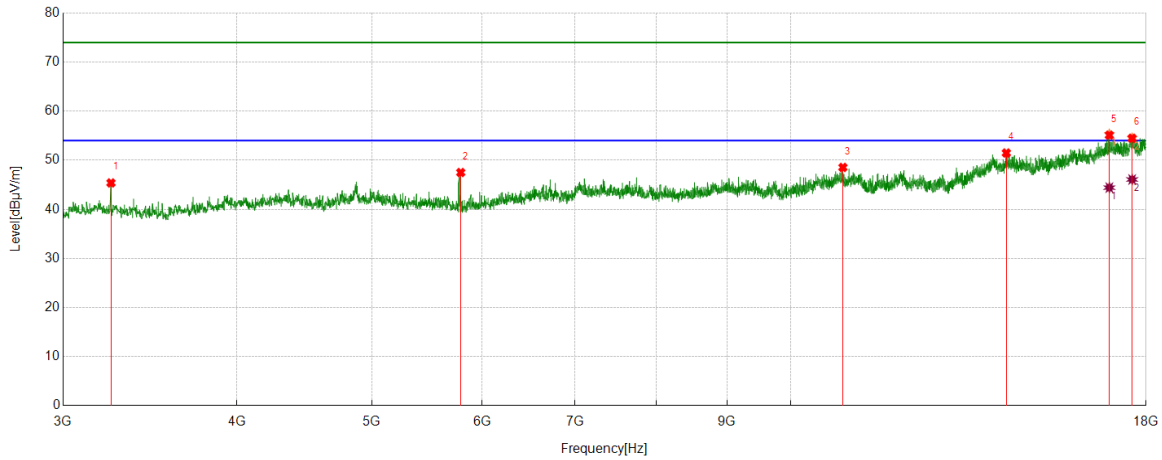


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3215.652	46.65	2.28	48.93	74.00	-25.07	peak
2	4826.4783	40.85	5.37	46.22	74.00	-27.78	peak
3	10881.6102	35.41	12.29	47.70	74.00	-26.30	peak
4	14022.6278	35.25	15.91	51.16	74.00	-22.84	peak
5	17047.3809	34.31	19.77	54.08	74.00	-19.92	peak
		25.06	19.77	44.83	54.00	-9.17	average
6	17636.2045	35.51	19.38	54.89	74.00	-19.11	peak
		26.64	19.38	46.02	54.00	-7.98	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS

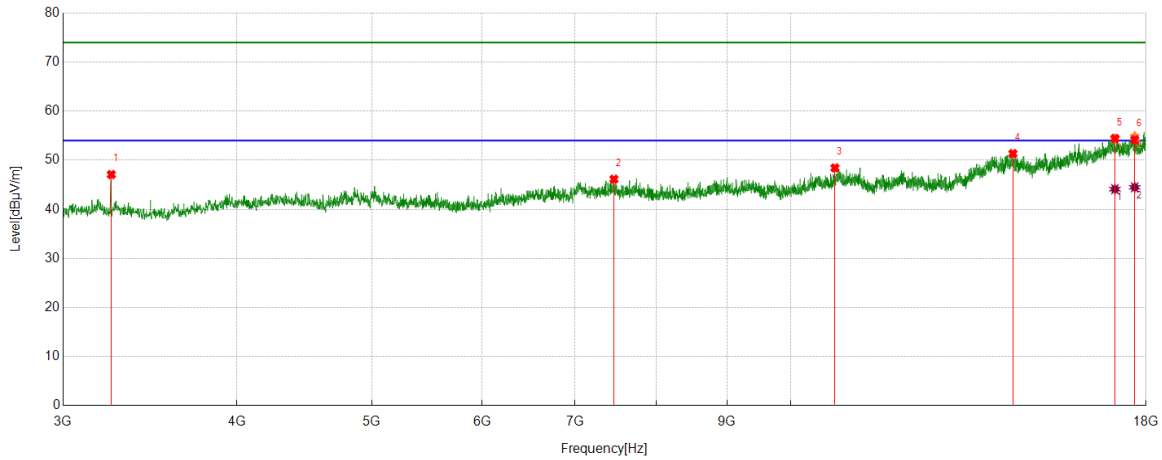


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3247.5309	43.18	2.20	45.38	74.00	-28.62	peak
2	5792.224	43.18	4.32	47.50	74.00	-26.50	peak
3	10900.3625	36.30	12.24	48.54	74.00	-25.46	peak
4	14285.1606	35.54	15.94	51.48	74.00	-22.52	peak
5	16938.6173	35.78	19.32	55.10	74.00	-18.90	peak
		25.10	19.32	44.42	54.00	-9.58	average
6	17589.3237	34.73	19.75	54.48	74.00	-19.52	peak
		26.33	19.75	46.08	54.00	-7.92	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS

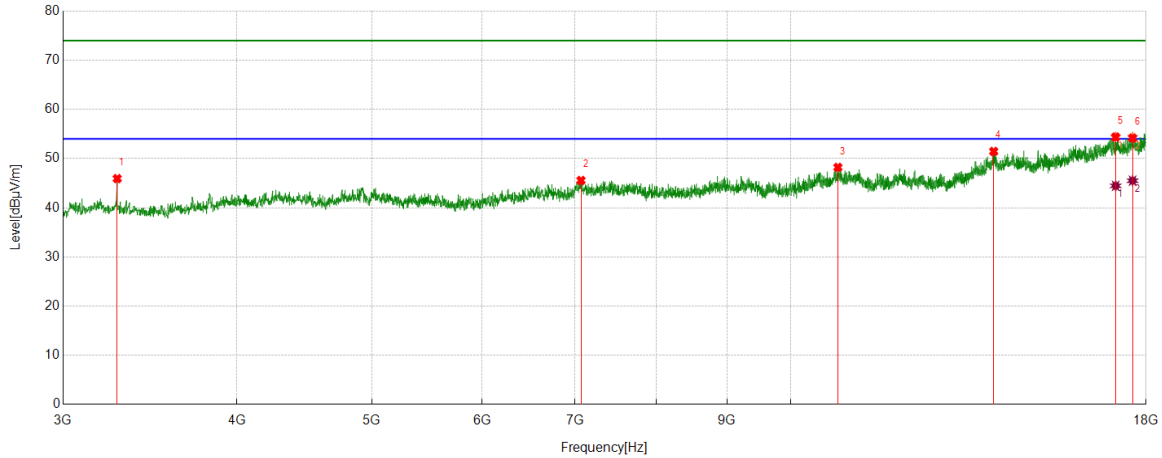


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3249.4062	44.91	2.18	47.09	74.00	-26.91	peak
2	7463.0579	37.43	8.71	46.14	74.00	-27.86	peak
3	10757.8447	36.47	11.96	48.43	74.00	-25.57	peak
4	14440.8051	35.29	16.06	51.35	74.00	-22.65	peak
5	17096.137	35.80	18.64	54.44	74.00	-19.56	peak
		25.47	18.64	44.11	54.00	-9.89	average
6	17664.333	34.66	19.51	54.17	74.00	-19.83	peak
		24.97	19.51	44.48	54.00	-9.52	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS

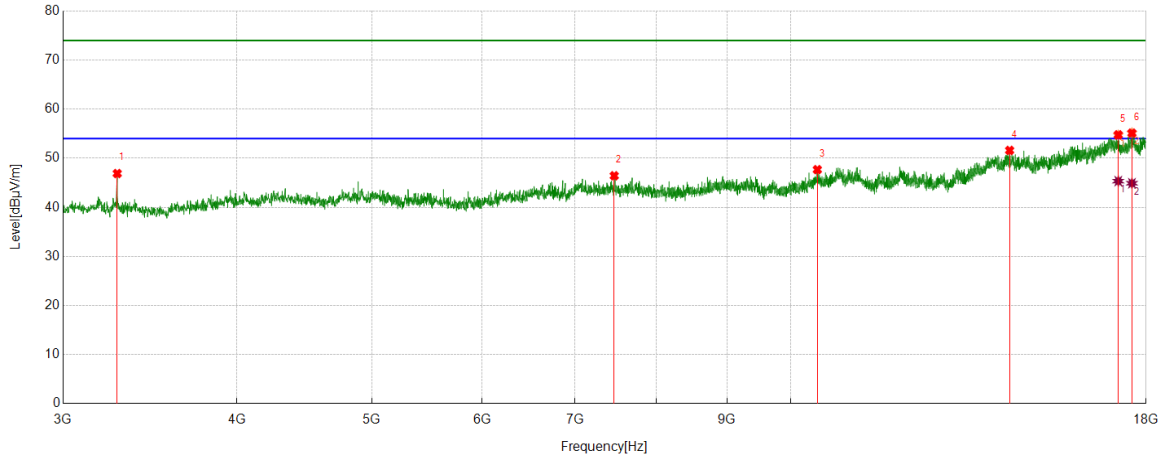


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	42.92	3.01	45.93	74.00	-28.07	peak
2	7067.3834	36.36	9.20	45.56	74.00	-28.44	peak
3	10810.3513	36.11	12.11	48.22	74.00	-25.78	peak
4	13988.8736	35.56	15.90	51.46	74.00	-22.54	peak
5	17116.7646	35.79	18.59	54.38	74.00	-19.62	peak
		25.87	18.59	44.46	54.00	-9.54	average
6	17602.4503	34.60	19.57	54.17	74.00	-19.83	peak
		25.94	19.57	45.51	54.00	-8.49	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3281.2852	43.88	3.01	46.89	74.00	-27.11	peak
2	7466.8084	37.73	8.70	46.43	74.00	-27.57	peak
3	10448.4311	36.29	11.39	47.68	74.00	-26.32	peak
4	14362.0453	35.91	15.69	51.60	74.00	-22.40	peak
5	17189.8987	35.56	19.21	54.77	74.00	-19.23	peak
		26.13	19.21	45.34	54.00	-8.66	average
6	17583.698	35.41	19.71	55.12	74.00	-18.88	peak
		25.20	19.71	44.91	54.00	-9.09	average

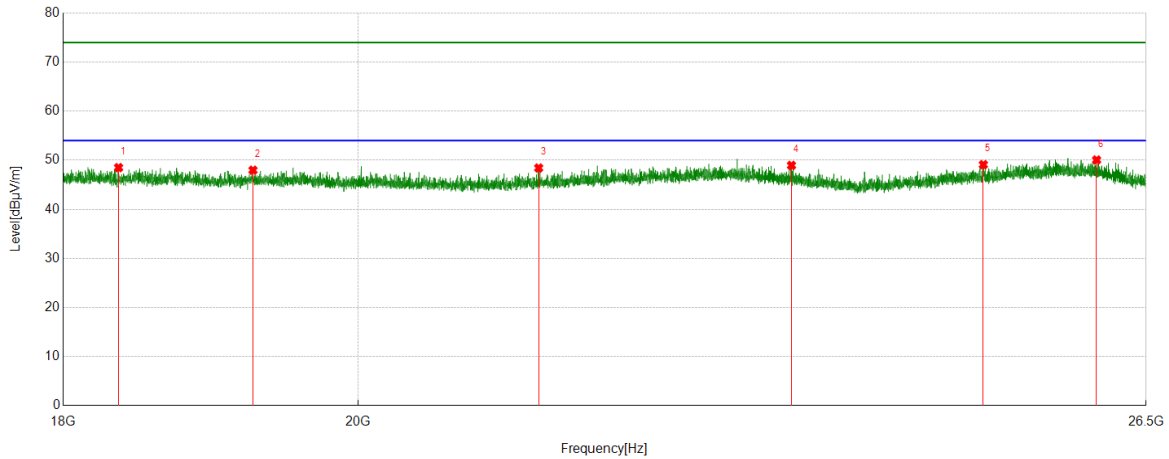
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Part III: 18GHz~26.5GHz

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

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

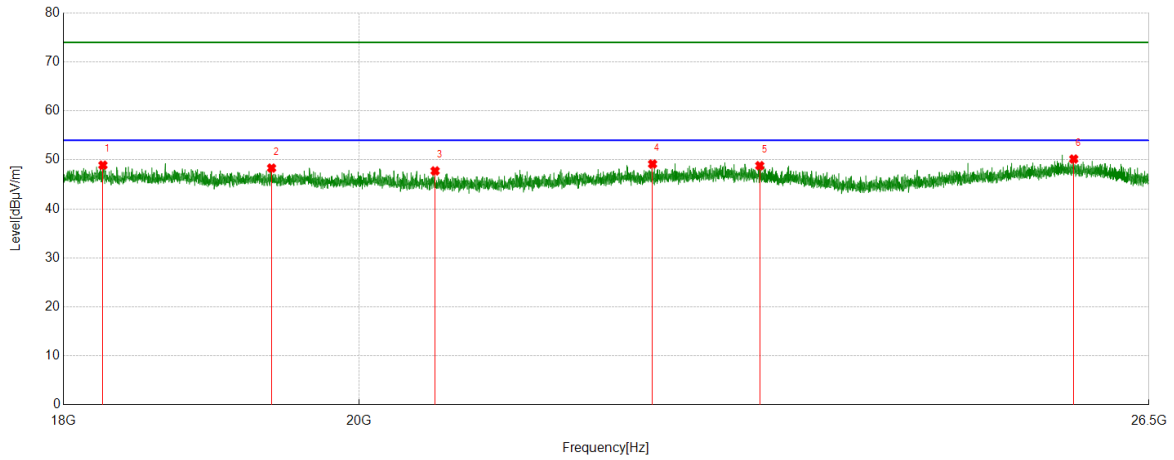


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18360.436	49.49	-0.99	48.50	74.00	-25.50	peak
2	19263.2263	48.88	-0.91	47.97	74.00	-26.03	peak
3	21332.3332	49.09	-0.67	48.42	74.00	-25.58	peak
4	23347.8848	48.64	0.31	48.95	74.00	-25.05	peak
5	25003.8504	49.07	0.03	49.10	74.00	-24.90	peak
6	26035.8536	48.45	1.60	50.05	74.00	-23.95	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18255.8756	49.95	-1.03	48.92	74.00	-25.08	peak
2	19386.4886	49.14	-0.81	48.33	74.00	-25.67	peak
3	20549.4049	48.48	-0.73	47.75	74.00	-26.25	peak
4	22204.5205	48.74	0.42	49.16	74.00	-24.84	peak
5	23069.0569	47.79	1.03	48.82	74.00	-25.18	peak
6	25799.53	48.84	1.34	50.18	74.00	-23.82	peak

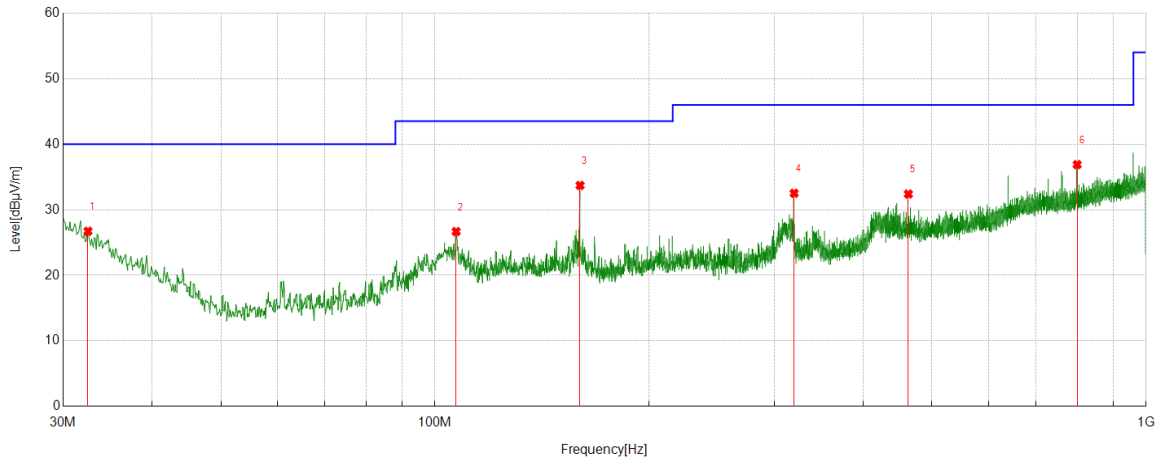
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.



Part IV: 30MHz~1GHz

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

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

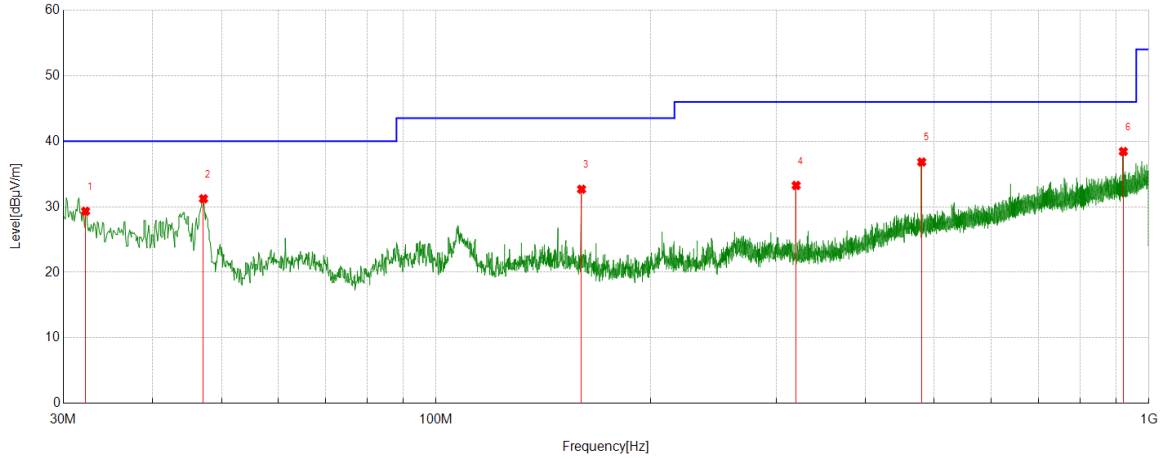


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	32.5223	0.73	26.00	26.73	40.00	-13.27	peak
2	107.1227	7.93	18.75	26.68	43.50	-16.82	peak
3	159.993	14.34	19.37	33.71	43.50	-9.79	peak
4	319.962	10.96	21.56	32.52	46.00	-13.48	peak
5	463.1483	6.85	25.55	32.40	46.00	-13.60	peak
6	800.063	6.21	30.68	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.



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	32.2312	3.11	26.21	29.32	40.00	-10.68	peak
2	47.1707	14.84	16.38	31.22	40.00	-8.78	peak
3	159.993	13.30	19.37	32.67	43.50	-10.83	peak
4	319.962	11.69	21.56	33.25	46.00	-12.75	peak
5	480.028	10.95	25.88	36.83	46.00	-9.17	peak
6	920.6461	6.31	32.12	38.43	46.00	-7.57	peak

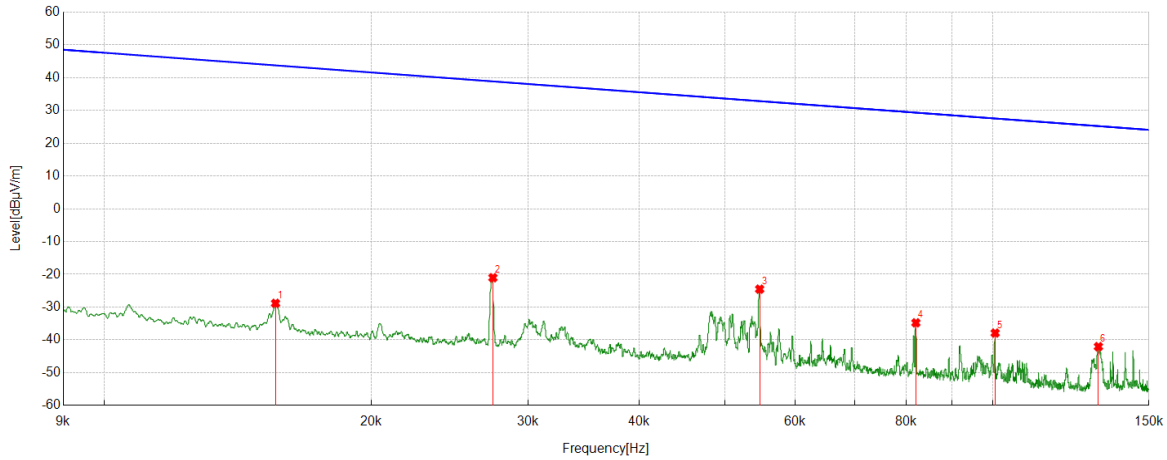
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Measurement = Reading Level + Correct Factor.



Part V: 9KHz~30MHz

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

Test Mode	Channel	Frequency Range	Verdict
11B	LCH	9KHz~150KHz	PASS

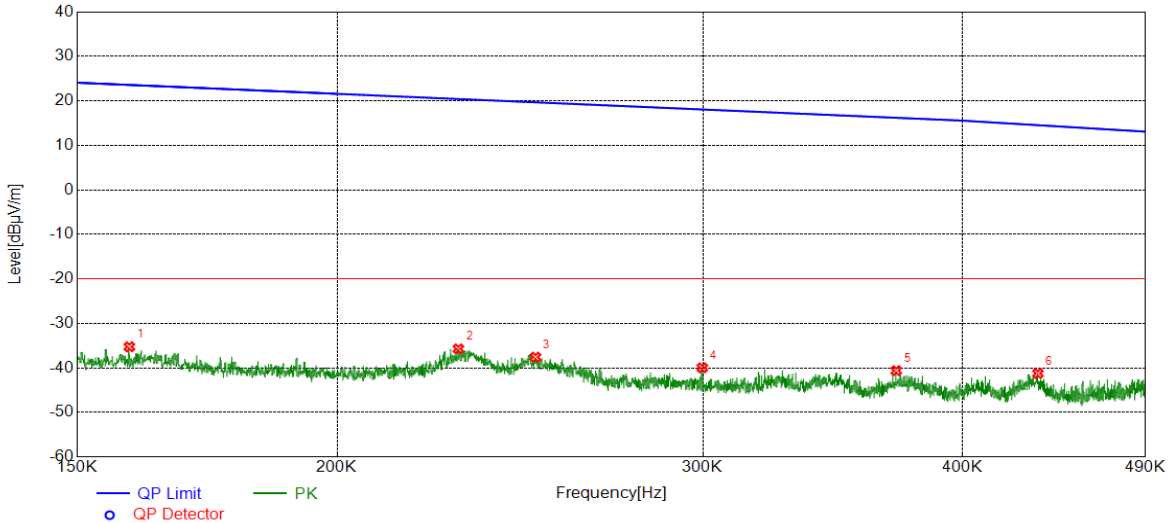


No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	IC Result	IC Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0156	33.09	-61.93	-28.84	43.73	-80.34	-7.77	-72.57	peak
2	0.0274	40.79	-61.82	-21.03	38.86	-72.53	-12.64	-59.89	peak
3	0.0547	37.29	-61.81	-24.52	32.84	-76.02	-18.66	-57.36	peak
4	0.082	27.10	-61.89	-34.79	29.32	-86.29	-22.18	-64.11	peak
5	0.1007	23.98	-61.89	-37.91	27.54	-89.41	-23.96	-65.45	peak
6	0.1316	19.85	-61.90	-42.05	25.22	-93.55	-26.28	-67.27	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.



Test Mode	Channel	Frequency Range	Verdict
11B	LCH	150KHz~490Hz	PASS

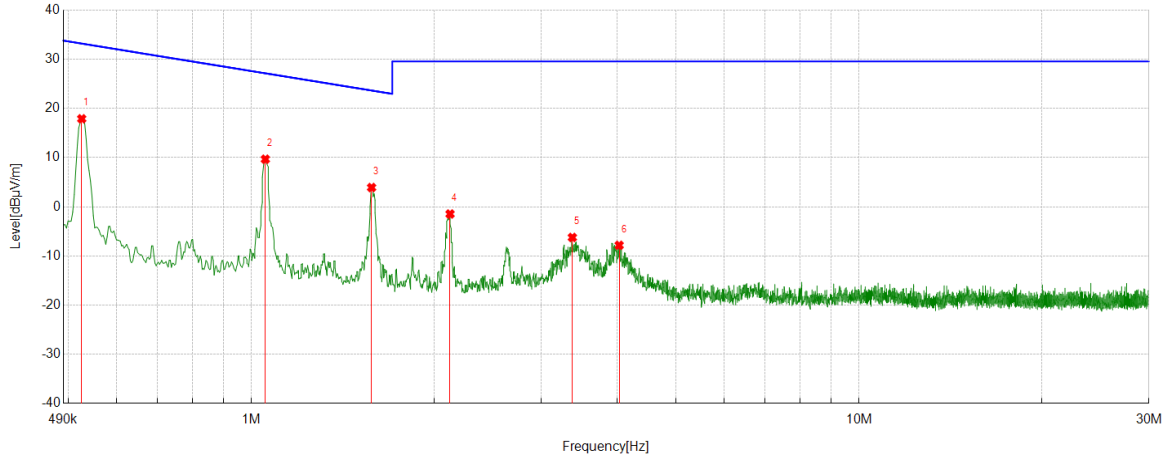


No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	IC Result	IC Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1524	38.87	-61.91	-23.04	23.94	-74.54	-27.56	-46.98	peak
2	0.1896	24.95	-61.92	-36.97	22.05	-88.47	-29.45	-59.02	peak
3	0.2285	26.96	-61.93	-34.97	20.42	-86.47	-31.08	-55.39	peak
4	0.3043	28.80	-61.97	-33.17	17.94	-84.67	-33.56	-51.11	peak
5	0.3973	21.26	-61.97	-40.71	15.62	-92.21	-35.88	-56.33	peak
6	0.4563	20.29	-61.96	-41.67	13.95	-93.17	-37.55	-55.62	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.



Test Mode	Channel	Frequency Range	Verdict
11B	LCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	IC Result	IC Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.5254	39.84	-21.95	17.89	33.19	-33.61	-18.31	-15.30	peak
2	1.0537	31.59	-21.92	9.67	27.15	-41.83	-24.35	-17.48	peak
3	1.5761	25.81	-21.90	3.91	23.65	-47.59	-27.85	-19.74	peak
4	2.1221	20.40	-21.87	-1.47	29.54	-52.97	-21.96	-31.01	peak
5	3.3734	15.59	-21.83	-6.24	29.54	-57.74	-21.96	-35.78	peak
6	4.0286	13.98	-21.81	-7.83	29.54	-59.33	-21.96	-37.37	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. Result 30m= Result 3m-40 dBuV/m
 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
 4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report
 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.

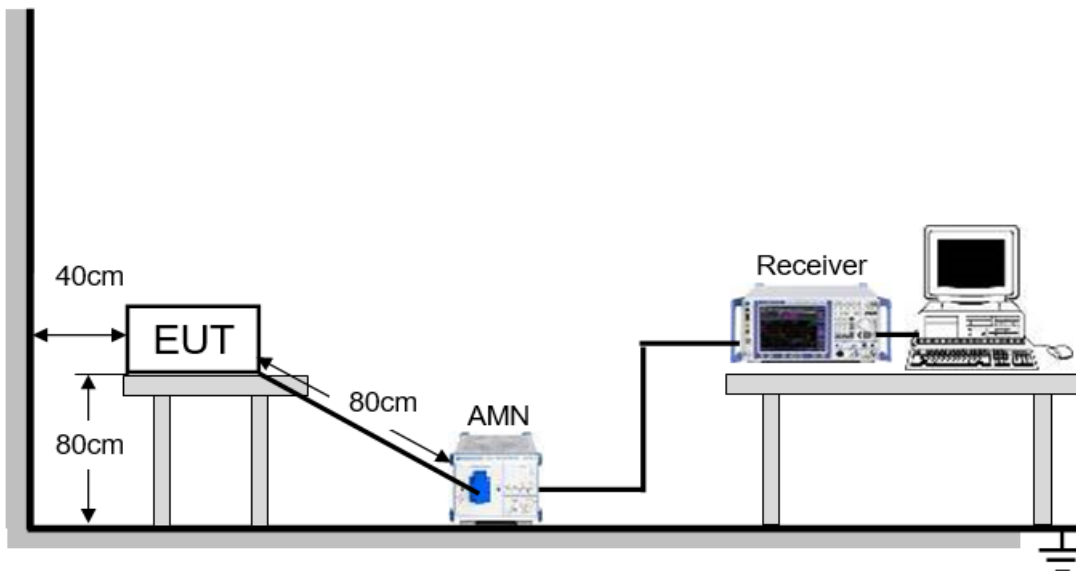
8. AC POWER LINE CONDUCTED EMISSIONS

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

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



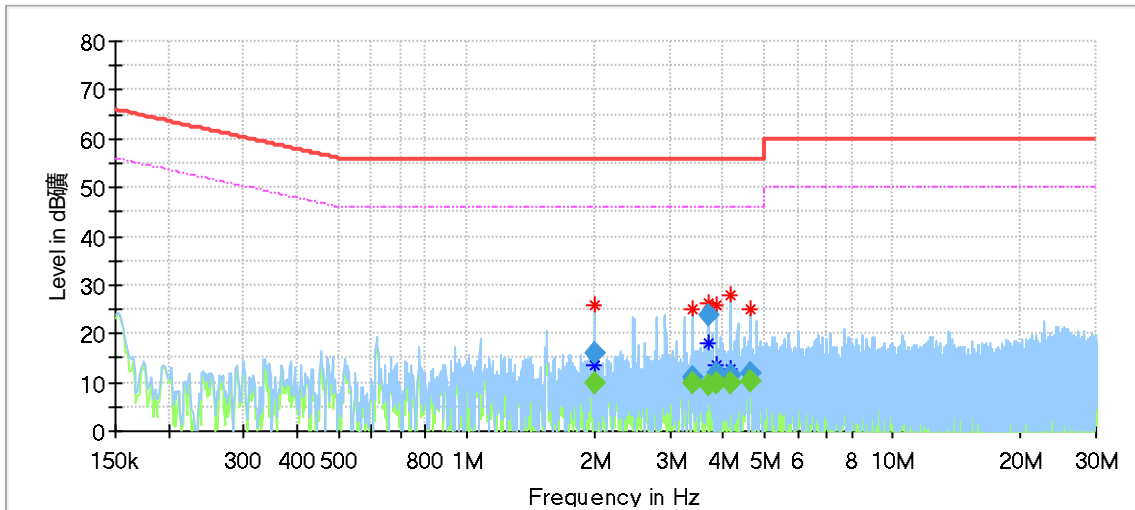
TEST ENVIRONMENT:

Environment Parameter	Selected Values During Tests
Relative Humidity	60.7%
Atmospheric Pressure:	101Kpa
Temperature	20.8°C



TEST RESULTS (WORST CASE CONFIGURATION)

For L Line:



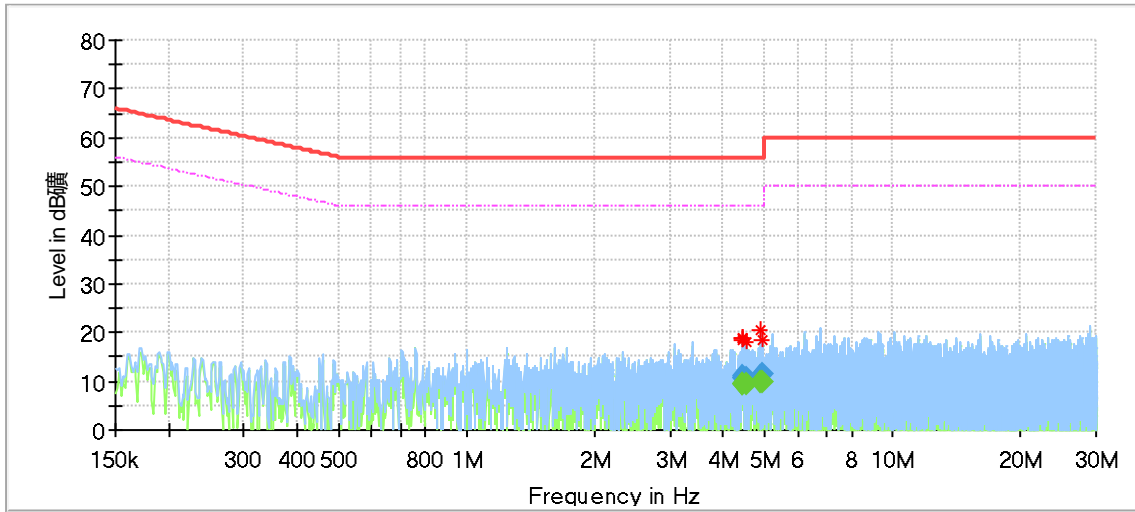
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
2.005178	---	9.75	46.00	36.25	1000.0	9.000	L1	OFF	9.6
2.005178	16.09	---	56.00	39.91	1000.0	9.000	L1	OFF	9.6
3.394695	---	9.69	46.00	36.31	1000.0	9.000	L1	OFF	9.7
3.394695	11.20	---	56.00	44.80	1000.0	9.000	L1	OFF	9.7
3.711105	---	9.55	46.00	36.45	1000.0	9.000	L1	OFF	9.7
3.711105	23.83	---	56.00	32.17	1000.0	9.000	L1	OFF	9.7
3.860355	11.95	---	56.00	44.05	1000.0	9.000	L1	OFF	9.8
3.860355	---	9.82	46.00	36.18	1000.0	9.000	L1	OFF	9.8
4.167810	11.69	---	56.00	44.31	1000.0	9.000	L1	OFF	9.8
4.167810	---	10.01	46.00	35.99	1000.0	9.000	L1	OFF	9.8
4.628993	---	10.22	46.00	35.78	1000.0	9.000	L1	OFF	9.8
4.628993	12.10	---	56.00	43.90	1000.0	9.000	L1	OFF	9.8

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



For N Line:



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
4.424520	10.94	---	56.00	45.06	1000.0	9.000	N	OFF	9.6
4.426013	---	9.50	46.00	36.50	1000.0	9.000	N	OFF	9.6
4.445415	---	9.42	46.00	36.58	1000.0	9.000	N	OFF	9.6
4.445415	10.79	---	56.00	45.21	1000.0	9.000	N	OFF	9.6
4.452878	---	9.45	46.00	36.55	1000.0	9.000	N	OFF	9.6
4.452878	10.67	---	56.00	45.33	1000.0	9.000	N	OFF	9.6
4.560338	10.73	---	56.00	45.27	1000.0	9.000	N	OFF	9.6
4.560338	---	9.48	46.00	36.52	1000.0	9.000	N	OFF	9.6
4.915553	11.01	---	56.00	44.99	1000.0	9.000	N	OFF	9.7
4.915553	---	9.70	46.00	36.30	1000.0	9.000	N	OFF	9.7
4.934955	---	9.70	46.00	36.30	1000.0	9.000	N	OFF	9.7
4.940925	11.39	---	56.00	44.61	1000.0	9.000	N	OFF	9.7

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



9. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

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

Please refer to FCC §15.247(b)(4)

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

ANTENNA CONNECTOR

EUT has a EUT with one PCB antenna.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT