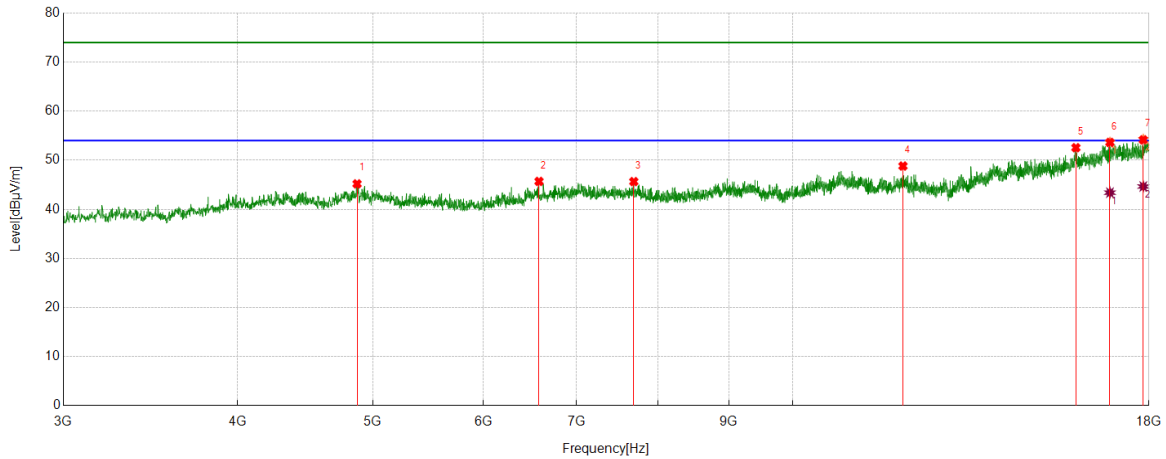




Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4871.4839	39.72	5.47	45.19	74.00	-28.81	Vertical
2	6577.9472	37.94	7.75	45.69	74.00	-28.31	Vertical
3	7691.8365	37.23	8.42	45.65	74.00	-28.35	Vertical
4	11993.6242	36.80	12.02	48.82	74.00	-25.18	Vertical
5	15955.9945	36.04	16.52	52.56	74.00	-21.44	Vertical
6	16878.6098	36.14	17.52	53.66	74.00	-20.34	Vertical
7	17833.1041	35.62	18.68	54.30	74.00	-19.70	Vertical

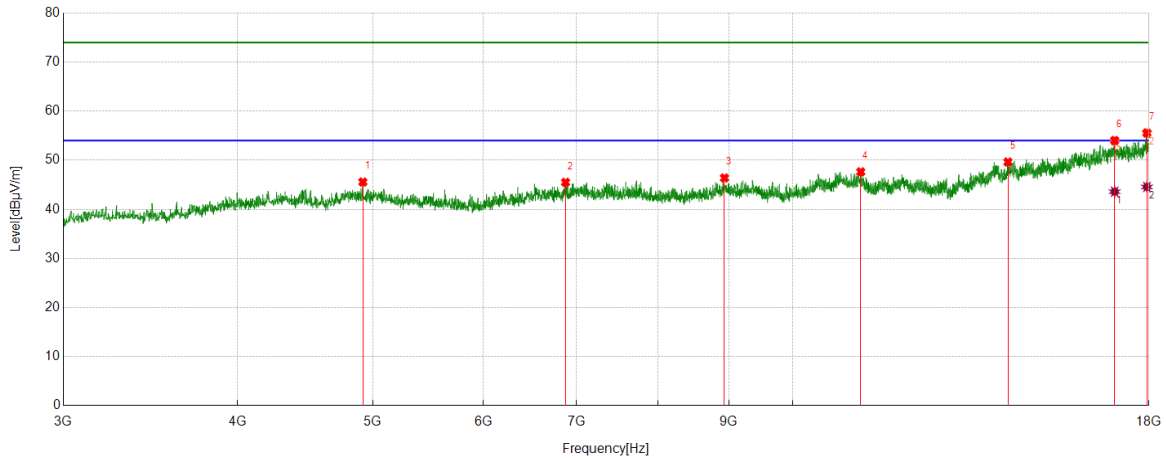
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16878.6098	25.88	17.52	43.40	54.00	-10.60	Vertical
2	17833.1041	25.97	18.68	44.65	54.00	-9.35	Vertical

- 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. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
 4. Average result: Peak 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4918.3648	40.17	5.39	45.56	74.00	-28.44	Horizontal
2	6872.359	37.12	8.38	45.50	74.00	-28.50	Horizontal
3	8933.2417	37.43	8.96	46.39	74.00	-27.61	Horizontal
4	11187.2734	36.21	11.43	47.64	74.00	-26.36	Horizontal
5	14262.6578	35.53	14.11	49.64	74.00	-24.36	Horizontal
6	17009.8762	35.84	18.01	53.85	74.00	-20.15	Horizontal
7	17939.9925	36.4	19.11	55.51	74.00	-18.49	Horizontal

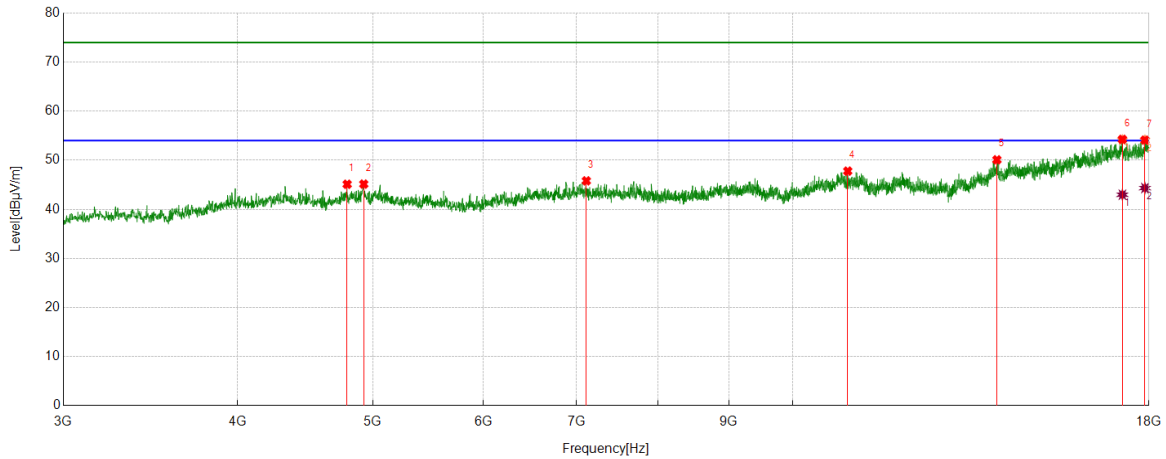
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17009.8762	25.58	18.01	43.59	54.00	-10.41	Horizontal
2	17939.9925	25.45	19.11	44.56	54.00	-9.44	Horizontal

- 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. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
 4. Average result: Peak 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4792.7241	39.17	5.94	45.11	74.00	-28.89	Vertical
2	4925.8657	39.82	5.32	45.14	74.00	-28.86	Vertical
3	7112.389	37.11	8.69	45.80	74.00	-28.20	Vertical
4	10949.1186	36.32	11.47	47.79	74.00	-26.21	Vertical
5	14005.7507	35.85	14.24	50.09	74.00	-23.91	Vertical
6	17229.2787	37.17	16.96	54.13	74.00	-19.87	Vertical
7	17881.8602	35.19	18.92	54.11	74.00	-19.89	Vertical

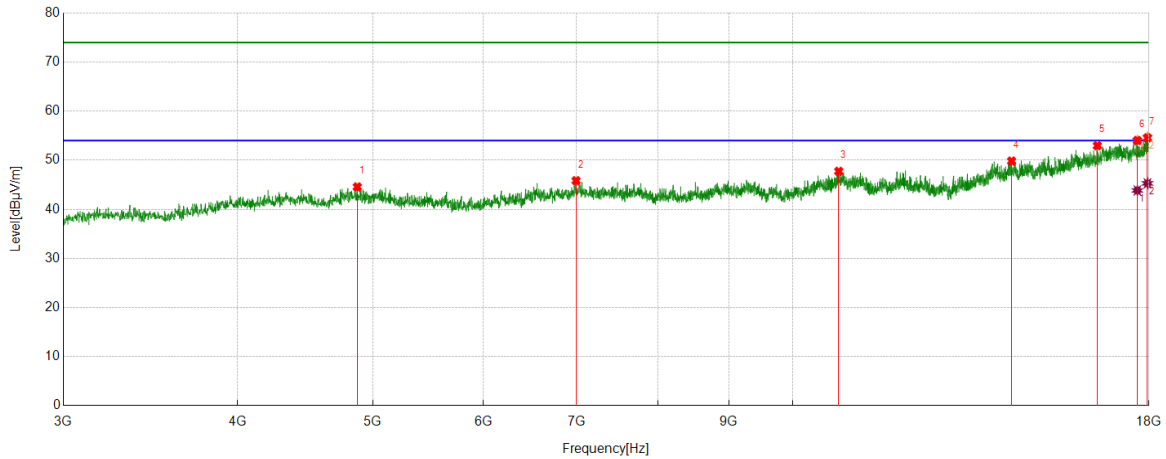
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17229.2787	26.02	16.96	42.98	54.00	-11.02	Vertical
2	17881.8602	25.42	18.92	44.34	54.00	-9.66	Vertical

- 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. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
 4. Average result: Peak 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4873.3592	39.09	5.47	44.56	74.00	-29.44	Horizontal
2	6992.374	37.17	8.66	45.83	74.00	-28.17	Horizontal
3	10787.8485	36.32	11.42	47.74	74.00	-26.26	Horizontal
4	14348.9186	35.51	14.32	49.83	74.00	-24.17	Horizontal
5	16529.8162	35.73	17.23	52.96	74.00	-21.04	Horizontal
6	17658.7073	36.52	17.56	54.08	74.00	-19.92	Horizontal
7	17956.8696	35.35	19.39	54.74	74.00	-19.26	Horizontal

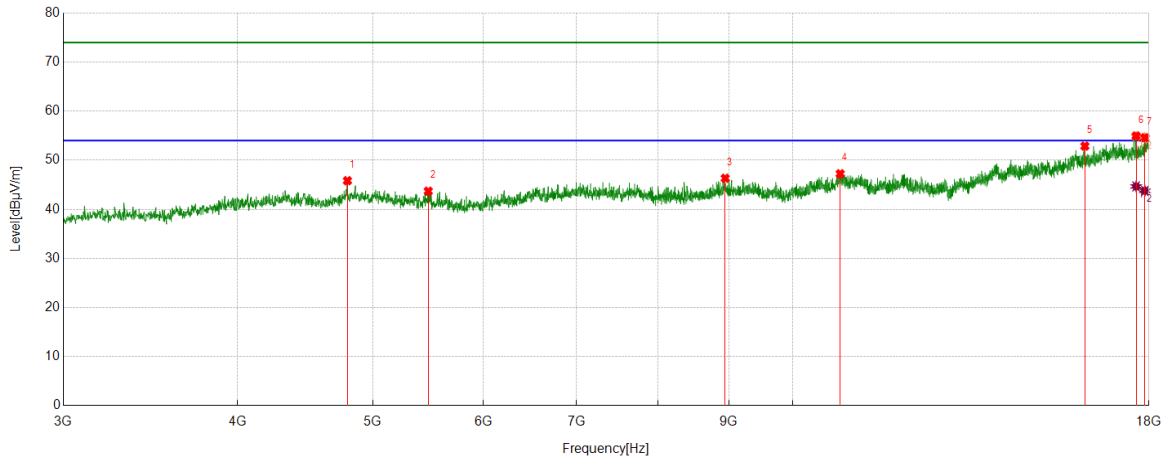
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17658.7073	26.28	17.56	43.84	54.00	-10.16	Horizontal
2	17956.8696	25.90	19.39	45.29	54.00	-8.71	Horizontal

- 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. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
 4. Average result: Peak 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4794.5993	39.97	5.86	45.83	74.00	-28.17	Vertical
2	5479.0599	38.83	4.87	43.70	74.00	-30.30	Vertical
3	8944.4931	37.34	8.99	46.33	74.00	-27.67	Vertical
4	10814.1018	35.70	11.54	47.24	74.00	-26.76	Vertical
5	16194.1493	35.93	16.95	52.88	74.00	-21.12	Vertical
6	17623.0779	37.06	17.77	54.83	74.00	-19.17	Vertical
7	17879.985	35.75	18.84	54.59	74.00	-19.41	Vertical

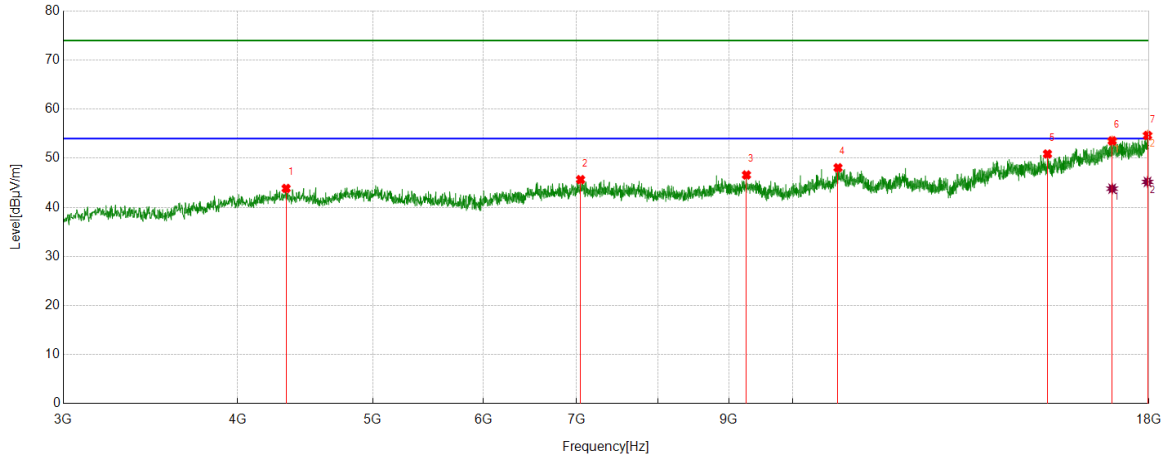
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17623.0779	26.90	17.77	44.67	54.00	-9.33	Vertical
2	17879.985	24.94	18.84	43.78	54.00	-10.22	Vertical

- 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. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
 4. Average result: Peak 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4333.2917	39.12	4.73	43.85	74.00	-30.15	Horizontal
2	7044.8806	37.04	8.60	45.64	74.00	-28.36	Horizontal
3	9263.2829	37.72	8.87	46.59	74.00	-27.41	Horizontal
4	10774.7218	36.52	11.54	48.06	74.00	-25.94	Horizontal
5	15224.6531	36.32	14.55	50.87	74.00	-23.13	Horizontal
6	16940.4926	35.39	18.11	53.50	74.00	-20.50	Horizontal
7	17958.7448	35.34	19.37	54.71	74.00	-19.29	Horizontal

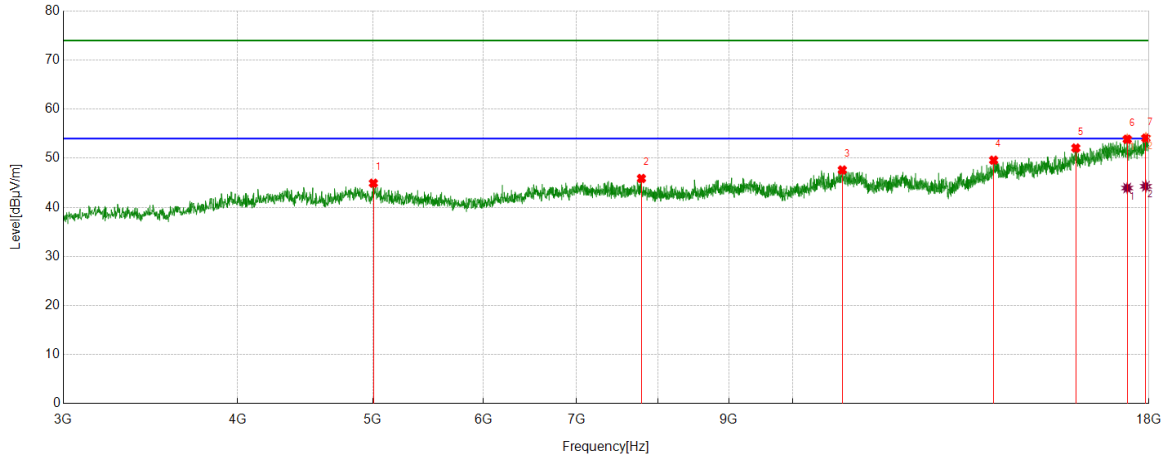
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16940.4926	25.69	18.11	43.80	54.00	-10.20	Horizontal
2	17958.7448	25.81	19.37	45.18	54.00	-8.82	Horizontal

- 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. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
 4. Average result: Peak 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5004.6256	39.29	5.62	44.91	74.00	-29.09	Vertical
2	7789.3487	38.20	7.68	45.88	74.00	-28.12	Vertical
3	10851.6065	35.87	11.73	47.60	74.00	-26.40	Vertical
4	13930.7413	35.44	14.16	49.60	74.00	-24.40	Vertical
5	15954.1193	35.55	16.53	52.08	74.00	-21.92	Vertical
6	17366.1708	35.71	18.22	53.93	74.00	-20.07	Vertical
7	17909.9887	35.17	19.05	54.22	74.00	-19.78	Vertical

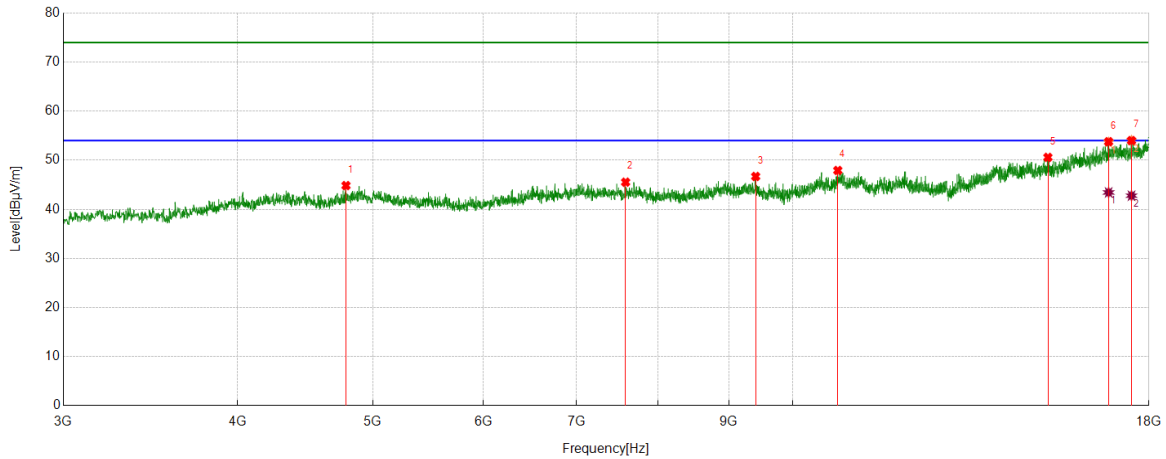
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17366.1708	25.71	18.22	43.93	54.00	-10.07	Vertical
2	17909.9887	25.23	19.05	44.28	54.00	-9.72	Vertical

- 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. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
 4. Average result: Peak 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4783.3479	39.12	5.72	44.84	74.00	-29.16	Horizontal
2	7588.6986	37.48	8.05	45.53	74.00	-28.47	Horizontal
3	9405.8007	37.71	8.99	46.70	74.00	-27.30	Horizontal
4	10770.9714	36.33	11.59	47.92	74.00	-26.08	Horizontal
5	15235.9045	35.55	15.04	50.59	74.00	-23.41	Horizontal
6	16841.1051	36.27	17.42	53.69	74.00	-20.31	Horizontal
7	17489.9362	36.78	17.25	54.03	74.00	-19.97	Horizontal

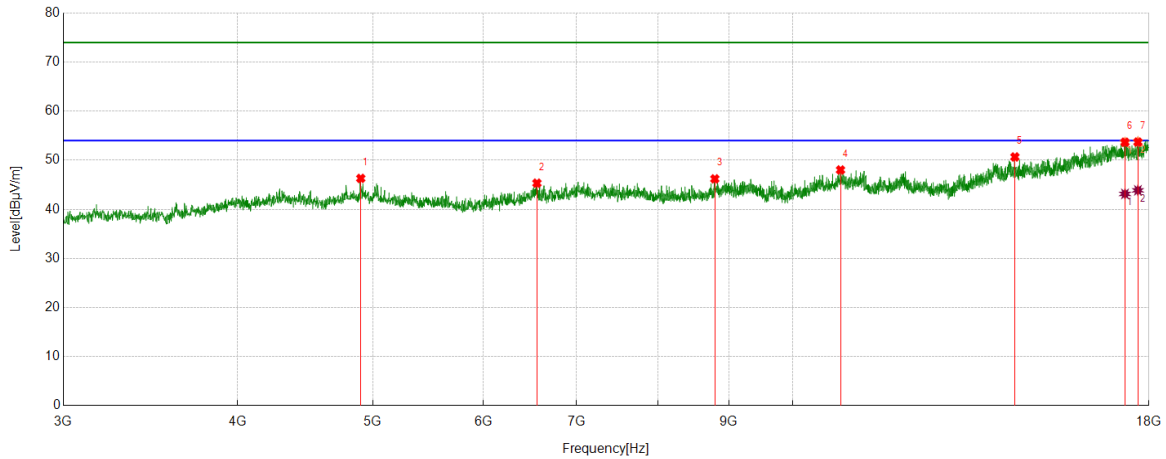
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16841.1051	26.02	17.42	43.44	54.00	-10.56	Horizontal
2	17489.9362	25.53	17.25	42.78	54.00	-11.22	Horizontal

- 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. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
 4. Average result: Peak 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/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4901.4877	40.77	5.53	46.30	74.00	-27.70	Vertical
2	6555.4444	37.25	8.08	45.33	74.00	-28.67	Vertical
3	8792.5991	37.62	8.59	46.21	74.00	-27.79	Vertical
4	10819.7275	36.47	11.55	48.02	74.00	-25.98	Vertical
5	14427.6785	36.60	14.07	50.67	74.00	-23.33	Vertical
6	17302.4128	36.15	17.50	53.65	74.00	-20.35	Vertical
7	17675.5844	35.68	18.12	53.80	74.00	-20.20	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17302.4128	25.64	17.50	43.14	54.00	-10.86	Vertical
2	17675.5844	25.75	18.12	43.87	54.00	-10.13	Vertical

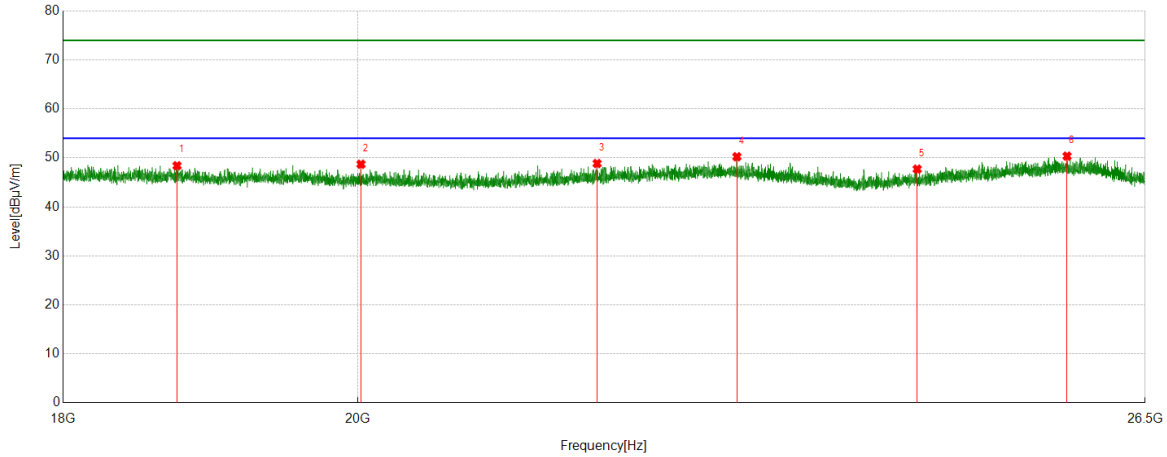
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
 4. Average result: Peak detector, RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
 5. For above 3GHz 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 3: 18GHz~26.5GHz

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

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

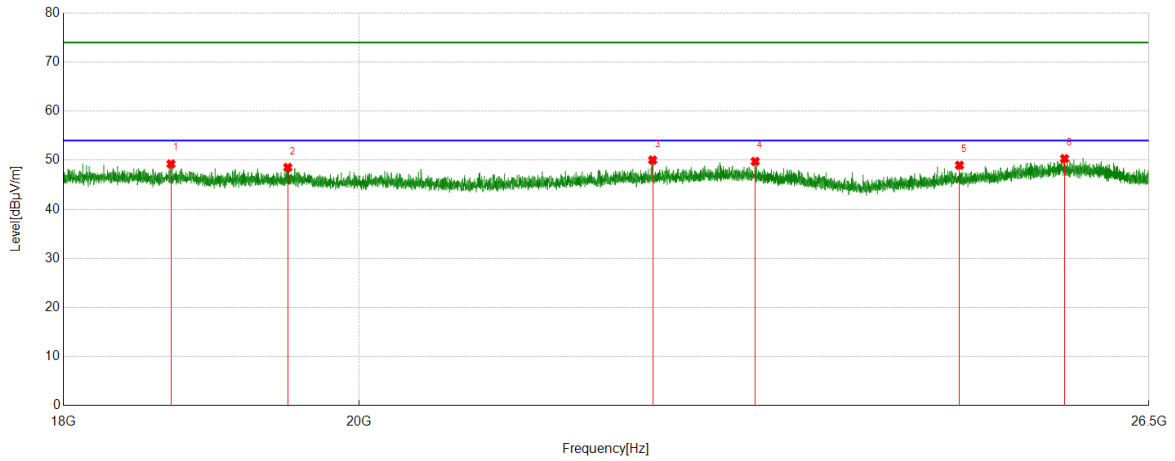


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	18748.9249	49.42	-1.02	48.40	74.00	-25.60	Horizontal
2	20023.2023	49.23	-0.52	48.71	74.00	-25.29	Horizontal
3	21786.2786	48.98	-0.12	48.86	74.00	-25.14	Horizontal
4	22902.4402	49.08	1.16	50.24	74.00	-23.76	Horizontal
5	24426.6427	48.39	-0.68	47.71	74.00	-26.29	Horizontal
6	25770.6271	49.06	1.30	50.36	74.00	-23.64	Horizontal

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



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	18703.8704	50.24	-1.00	49.24	74.00	-24.76	Vertical
2	19498.6999	49.25	-0.72	48.53	74.00	-25.47	Vertical
3	22205.3705	49.62	0.42	50.04	74.00	-23.96	Vertical
4	23031.6532	48.62	1.14	49.76	74.00	-24.24	Vertical
5	24770.077	49.19	-0.22	48.97	74.00	-25.03	Vertical
6	25715.3715	49.13	1.21	50.34	74.00	-23.66	Vertical

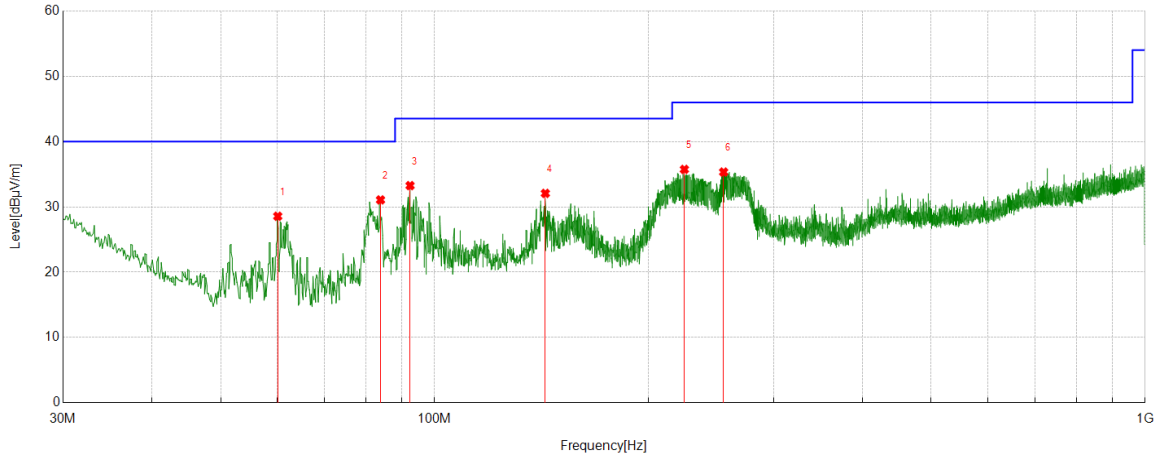
- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. Measurement = Reading Level + Correct Factor.
 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions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



Part 4: 30MHz~1GHz

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

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

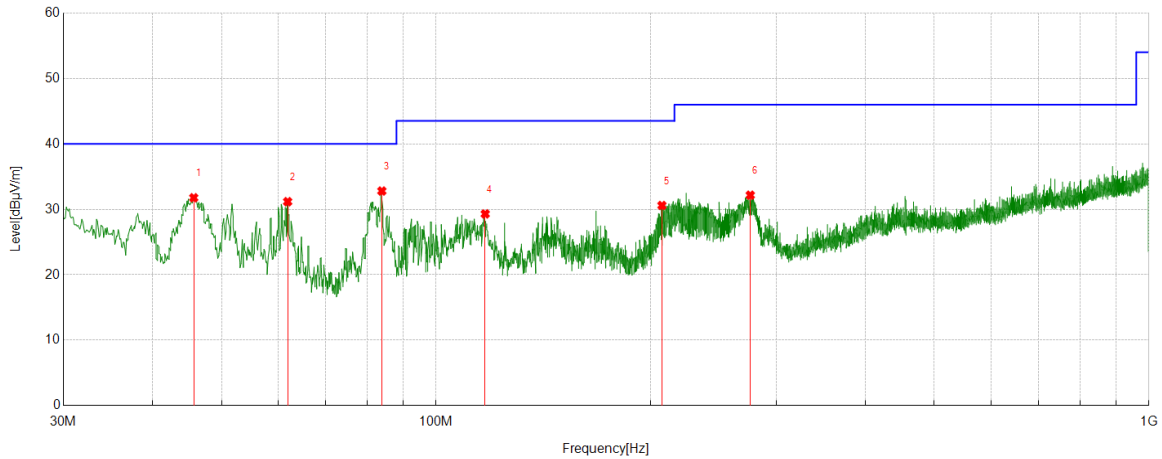


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)				
1	60.17	14.23	14.34	28.57	40.00	-11.43	peak
2	83.9374	16.42	14.65	31.07	40.00	-8.93	peak
3	92.3772	18.05	15.21	33.26	43.50	-10.24	peak
4	143.2103	11.86	20.21	32.07	43.50	-11.43	peak
5	224.6985	16.07	19.67	35.74	46.00	-10.26	peak
6	255.1595	15.75	19.58	35.33	46.00	-10.67	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	45.7156	14.50	17.27	31.77	40.00	-8.23	peak
2	61.9162	16.69	14.48	31.17	40.00	-8.83	peak
3	83.9374	18.15	14.65	32.80	40.00	-7.20	peak
4	117.2117	9.13	20.17	29.30	43.50	-14.20	peak
5	207.4307	10.70	19.89	30.59	43.50	-12.91	peak
6	275.9196	11.81	20.35	32.16	46.00	-13.84	peak

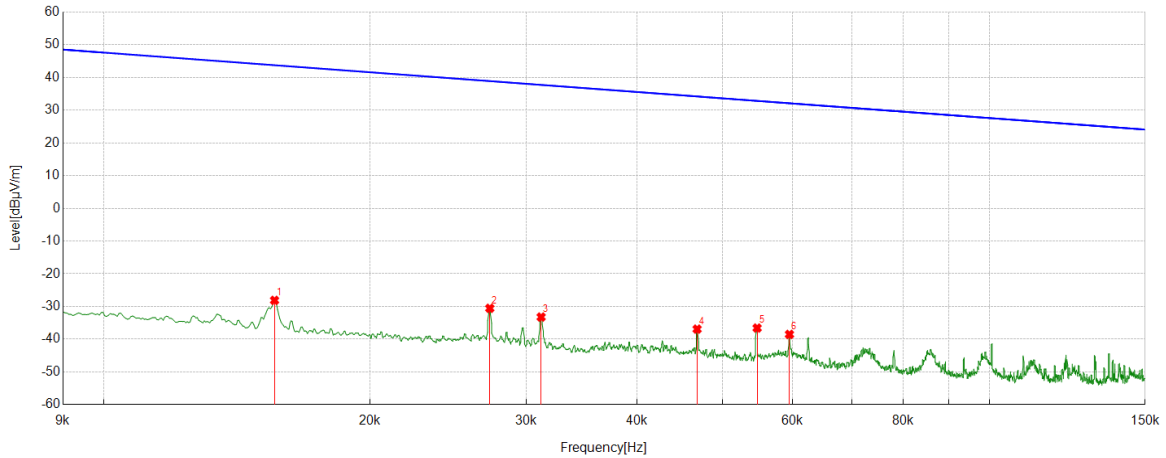
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Measurement = Reading Level + Correct Factor.



Part 5: 9kHz~30MHz

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

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

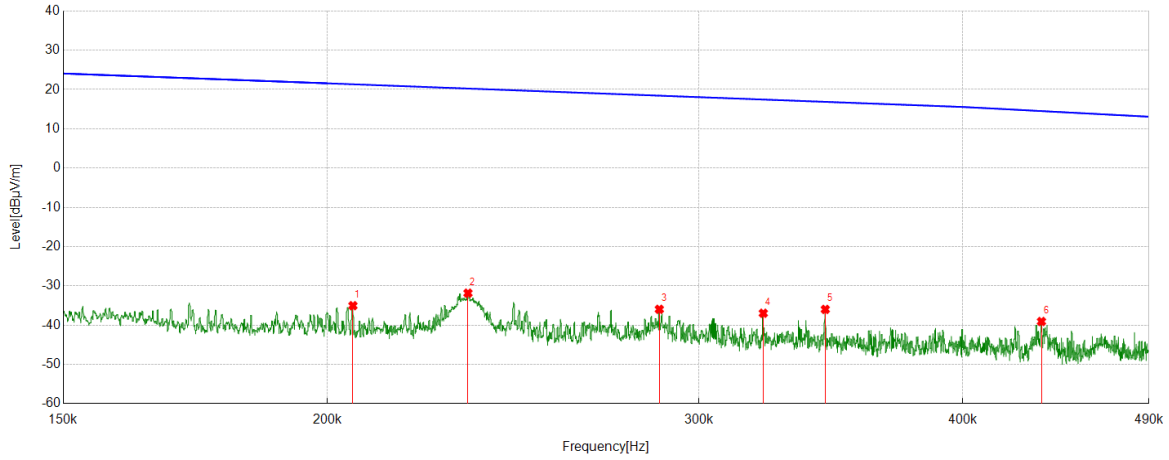


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0156	33.77	-61.89	-28.12	43.72	-71.84	peak
2	0.0273	31.22	-61.77	-30.55	38.88	-69.43	peak
3	0.0312	28.52	-61.74	-33.22	37.71	-70.93	peak
4	0.0468	24.83	-61.74	-36.91	34.19	-71.10	peak
5	0.0547	25.17	-61.75	-36.58	32.85	-69.43	peak
6	0.0595	23.25	-61.77	-38.52	32.11	-70.63	peak

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



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

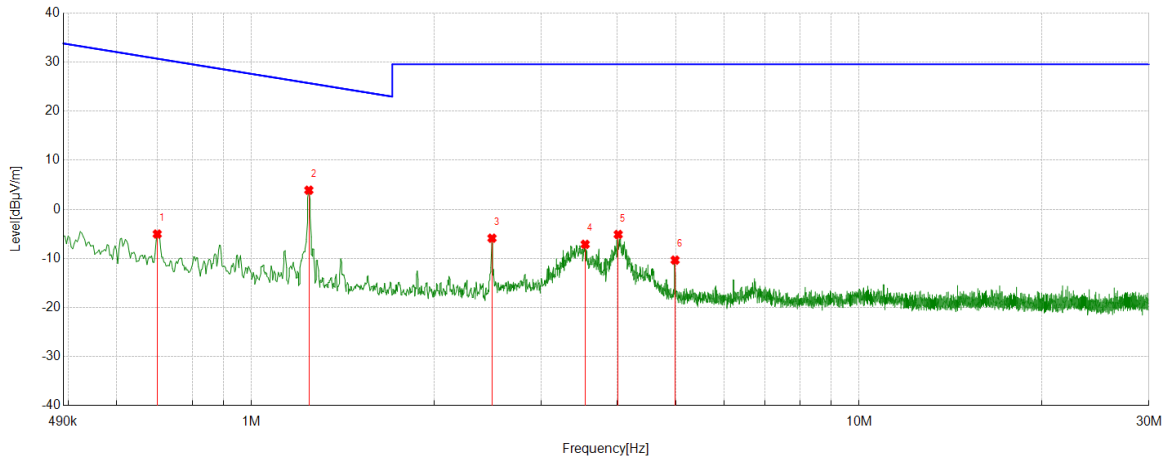


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.2057	26.82	-61.86	-35.04	21.34	-56.38	peak
2	0.2332	30.02	-61.87	-31.85	20.25	-52.10	peak
3	0.2873	25.93	-61.90	-35.97	18.44	-54.41	peak
4	0.3218	24.93	-61.90	-36.97	17.45	-54.42	peak
5	0.3443	25.91	-61.90	-35.99	16.86	-52.85	peak
6	0.4358	22.83	-61.90	-39.07	14.51	-53.58	peak

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



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



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.6995	16.85	-21.88	-5.03	30.71	-35.74	peak
2	1.2426	25.75	-21.85	3.90	25.72	-21.82	peak
3	2.488	15.91	-21.79	-5.88	29.54	-35.42	peak
4	3.5416	14.62	-21.75	-7.13	29.54	-36.67	peak
5	4.0138	16.62	-21.74	-5.12	29.54	-34.66	peak
6	4.9789	11.37	-21.72	-10.35	29.54	-39.89	peak

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

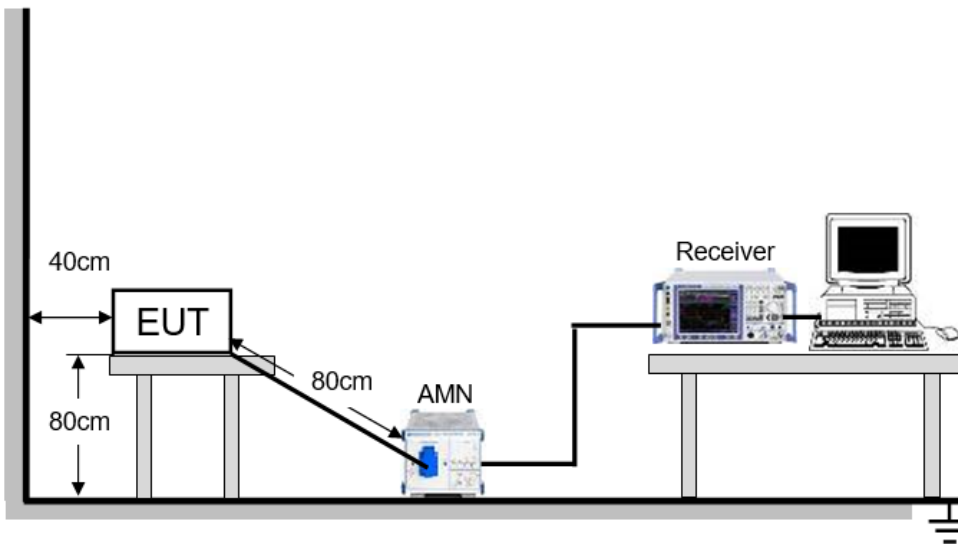
8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

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

TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through 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.

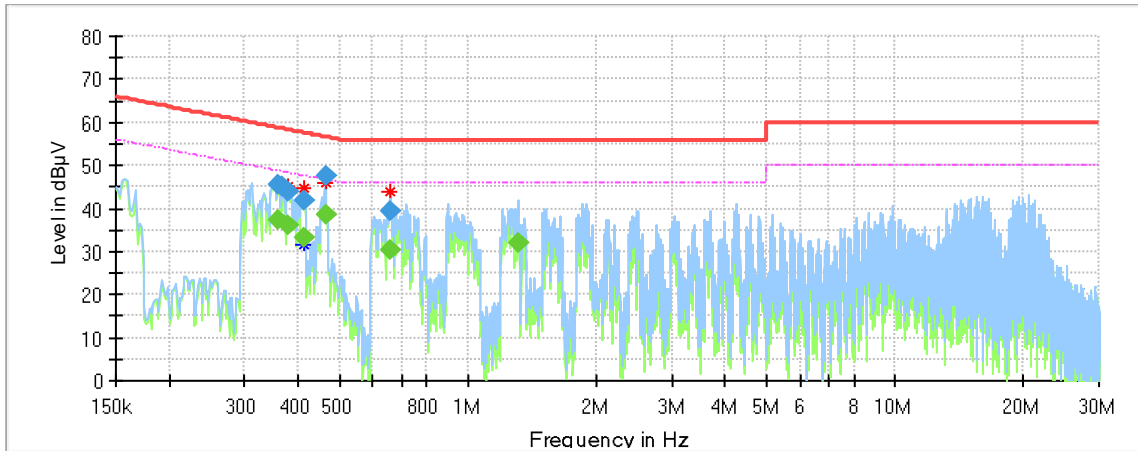
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST ENVIRONMENT

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

TEST RESULTS (WORST CASE CONFIGURATION)

For L Line:



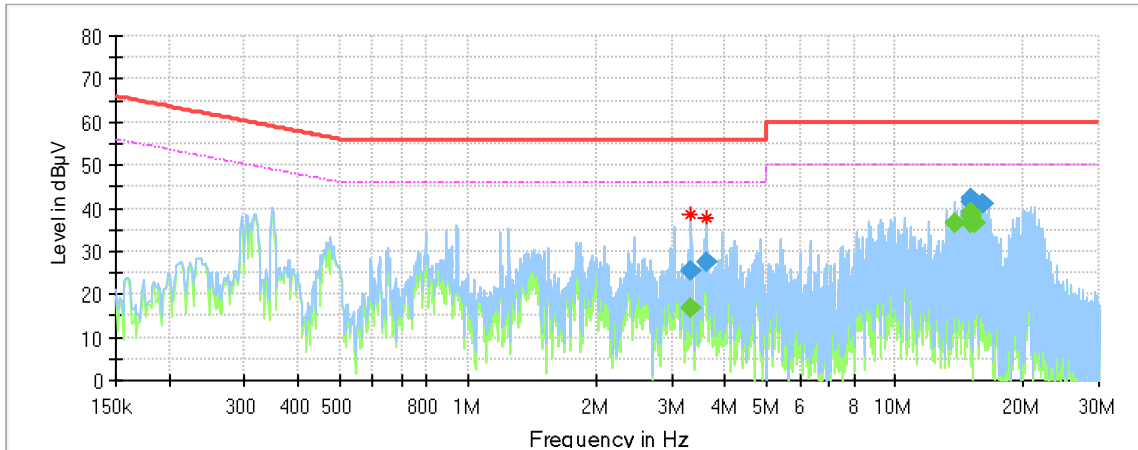
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.360443	---	37.35	48.72	11.37	1000.0	9.000	L1	OFF	9.5
0.360443	45.63	---	58.72	13.09	1000.0	9.000	L1	OFF	9.5
0.367905	44.97	---	58.55	13.57	1000.0	9.000	L1	OFF	9.6
0.379845	---	36.24	48.28	12.04	1000.0	9.000	L1	OFF	9.6
0.379845	43.95	---	58.28	14.34	1000.0	9.000	L1	OFF	9.6
0.412680	---	33.38	47.59	14.21	1000.0	9.000	L1	OFF	9.8
0.412680	41.89	---	57.59	15.71	1000.0	9.000	L1	OFF	9.8
0.464918	---	38.66	46.60	7.95	1000.0	9.000	L1	OFF	9.7
0.464918	47.69	---	56.60	8.92	1000.0	9.000	L1	OFF	9.7
0.658943	---	30.48	46.00	15.52	1000.0	9.000	L1	OFF	9.5
0.658943	39.40	---	56.00	16.60	1000.0	9.000	L1	OFF	9.5
1.315643	---	31.88	46.00	14.12	1000.0	9.000	L1	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 11N20 MIMO mode which is the worst case, so only the worst case is included in this test report.



For N Line:



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
3.333503	---	16.79	46.00	29.21	1000.0	9.000	N	OFF	9.6
3.333503	25.32	---	56.00	30.68	1000.0	9.000	N	OFF	9.6
3.632003	27.34	---	56.00	28.66	1000.0	9.000	N	OFF	9.6
13.840703	---	36.64	50.00	13.36	1000.0	9.000	N	OFF	9.6
14.960078	---	39.16	50.00	10.84	1000.0	9.000	N	OFF	9.6
14.960078	42.38	---	60.00	17.62	1000.0	9.000	N	OFF	9.6
15.001868	41.42	---	60.00	18.58	1000.0	9.000	N	OFF	9.6
15.001868	---	38.02	50.00	11.98	1000.0	9.000	N	OFF	9.6
15.042165	---	36.58	50.00	13.42	1000.0	9.000	N	OFF	9.6
15.319770	40.26	---	60.00	19.74	1000.0	9.000	N	OFF	9.6
15.319770	---	36.35	50.00	13.65	1000.0	9.000	N	OFF	9.6
16.119750	40.94	---	60.00	19.06	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 11N20 MIMO 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 GAIN

The antenna gain of EUT are less than 6 dBi.

END OF REPORT