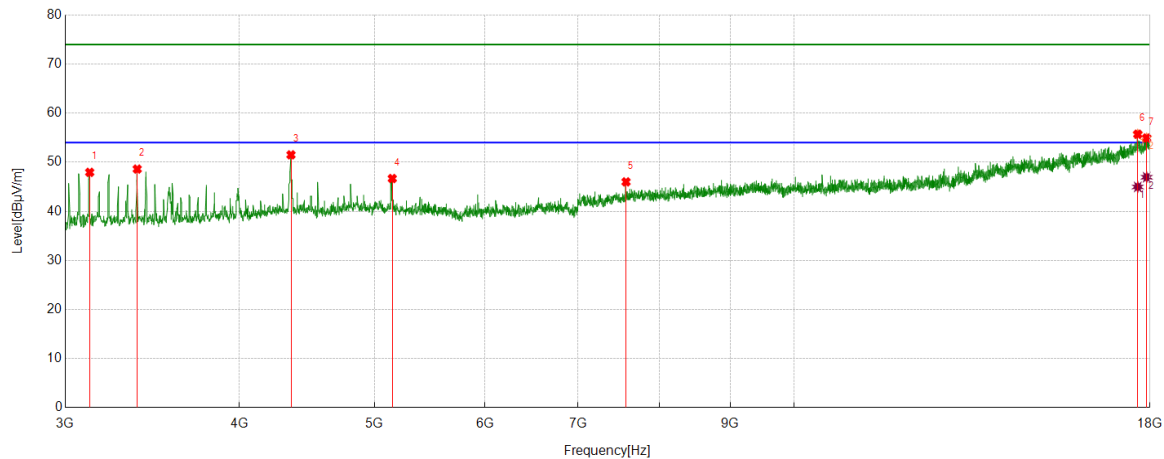


Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



PK Result:

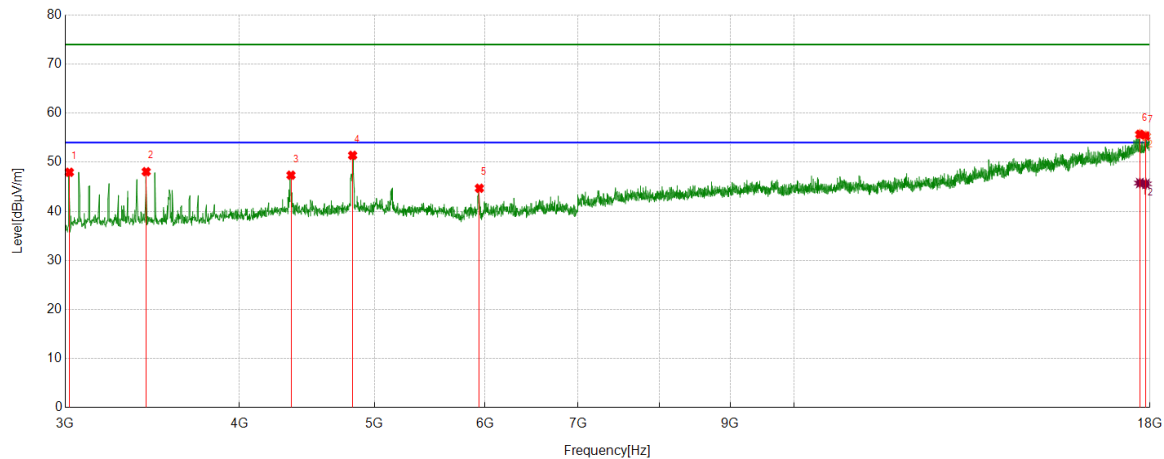
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3123.7655	57.97	-10.03	47.94	74.00	-26.06	Vertical
2	3378.7974	58.06	-9.45	48.61	74.00	-25.39	Vertical
3	4355.7945	57.24	-5.73	51.51	74.00	-22.49	Vertical
4	5149.0186	50.90	-4.22	46.68	74.00	-27.32	Vertical
5	7575.5719	45.18	0.82	46.00	74.00	-28.00	Vertical
6	17639.955	37.87	17.84	55.71	74.00	-18.29	Vertical
7	17902.4878	35.71	19.23	54.94	74.00	-19.06	Vertical

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17639.955	27.13	17.84	44.97	54.00	-9.03	Vertical
2	17902.4878	27.72	19.23	46.95	54.00	-7.05	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

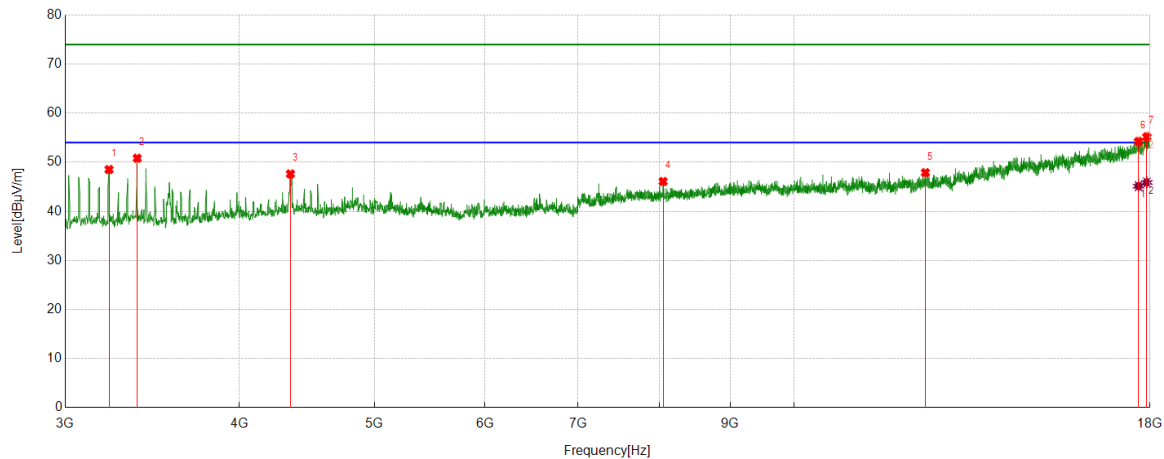
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3020.6276	58.52	-10.56	47.96	74.00	-26.04	Horizontal
2	3429.4287	57.45	-9.37	48.08	74.00	-25.92	Horizontal
3	4355.7945	53.09	-5.73	47.36	74.00	-26.64	Horizontal
4	4822.7278	55.49	-4.09	51.40	74.00	-22.60	Horizontal
5	5945.9932	47.26	-2.56	44.70	74.00	-29.30	Horizontal
6	17701.8377	38.02	17.67	55.69	74.00	-18.31	Horizontal
7	17879.985	36.34	19.02	55.36	74.00	-18.64	Horizontal

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17701.8377	28.09	17.67	45.76	54.00	-8.24	Horizontal
2	17879.985	26.58	19.02	45.60	54.00	-8.40	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

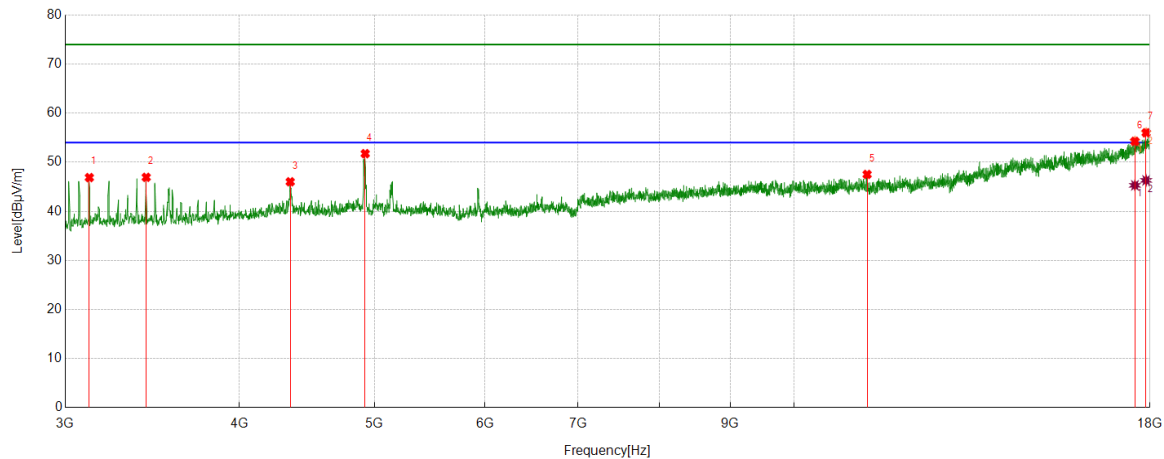
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3225.0281	57.77	-9.26	48.51	74.00	-25.49	Vertical
2	3378.7974	60.26	-9.45	50.81	74.00	-23.19	Vertical
3	4352.044	53.33	-5.71	47.62	74.00	-26.38	Vertical
4	8053.7567	43.93	2.15	46.08	74.00	-27.92	Vertical
5	12421.1776	41.28	6.60	47.88	74.00	-26.12	Vertical
6	17660.5826	36.47	17.75	54.22	74.00	-19.78	Vertical
7	17908.1135	36.10	19.08	55.18	74.00	-18.82	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17660.5826	27.38	17.75	45.13	54.00	-8.87	Vertical
2	17908.1135	26.80	19.08	45.88	54.00	-8.12	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

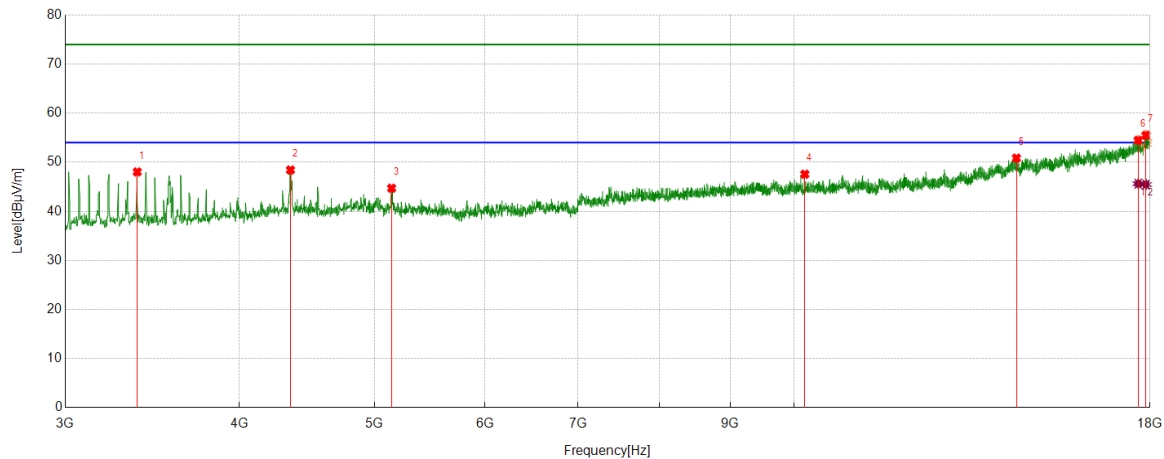
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3121.8902	56.94	-10.06	46.88	74.00	-27.12	Horizontal
2	3429.4287	56.30	-9.37	46.93	74.00	-27.07	Horizontal
3	4350.1688	51.72	-5.70	46.02	74.00	-27.98	Horizontal
4	4923.9905	55.63	-3.88	51.75	74.00	-22.25	Horizontal
5	11281.0351	42.57	4.95	47.52	74.00	-26.48	Horizontal
6	17557.4447	37.17	17.08	54.25	74.00	-19.75	Horizontal
7	17885.6107	36.86	19.15	56.01	74.00	-17.99	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17557.4447	28.22	17.08	45.30	54.00	-8.70	Horizontal
2	17885.6107	27.15	19.15	46.30	54.00	-7.70	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. 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:

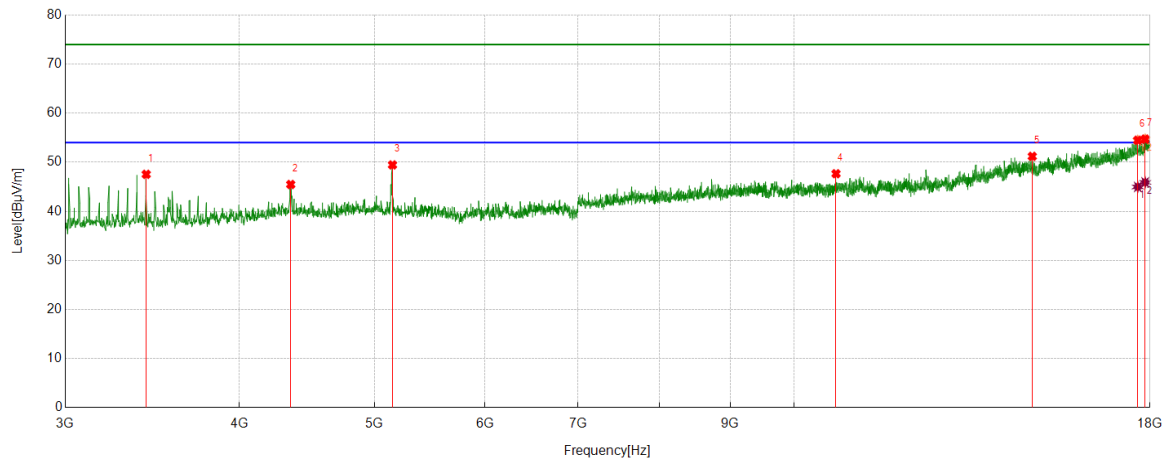
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3378.7974	57.48	-9.45	48.03	74.00	-25.97	Vertical
2	4352.044	54.13	-5.71	48.42	74.00	-25.58	Vertical
3	5143.3929	48.63	-3.92	44.71	74.00	-29.29	Vertical
4	10178.3973	43.32	4.24	47.56	74.00	-26.44	Vertical
5	14437.0546	39.15	11.69	50.84	74.00	-23.16	Vertical
6	17653.0816	36.74	17.74	54.48	74.00	-19.52	Vertical
7	17881.8602	36.44	19.07	55.51	74.00	-18.49	Vertical

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17653.0816	27.88	17.74	45.62	54.00	-8.38	Vertical
2	17881.8602	26.40	19.07	45.47	54.00	-8.53	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

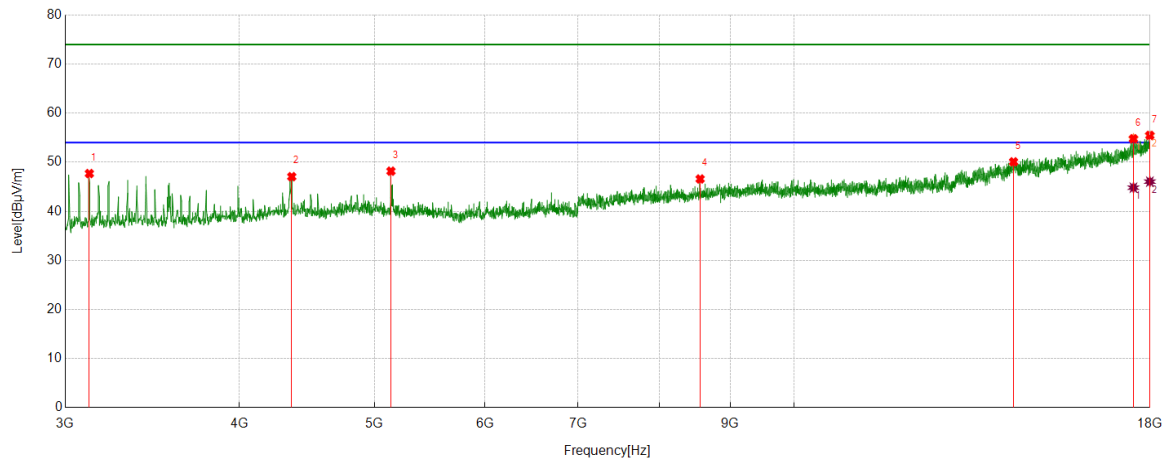
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3429.4287	56.91	-9.37	47.54	74.00	-26.46	Horizontal
2	4353.9192	51.19	-5.72	45.47	74.00	-28.53	Horizontal
3	5150.8939	53.73	-4.27	49.46	74.00	-24.54	Horizontal
4	10716.5896	43.28	4.38	47.66	74.00	-26.34	Horizontal
5	14819.6024	39.09	12.11	51.20	74.00	-22.80	Horizontal
6	17639.955	36.65	17.84	54.49	74.00	-19.51	Horizontal
7	17857.4822	35.87	18.85	54.72	74.00	-19.28	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17639.955	27.13	17.84	44.97	54.00	-9.03	Horizontal
2	17857.4822	27.05	18.85	45.90	54.00	-8.10	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

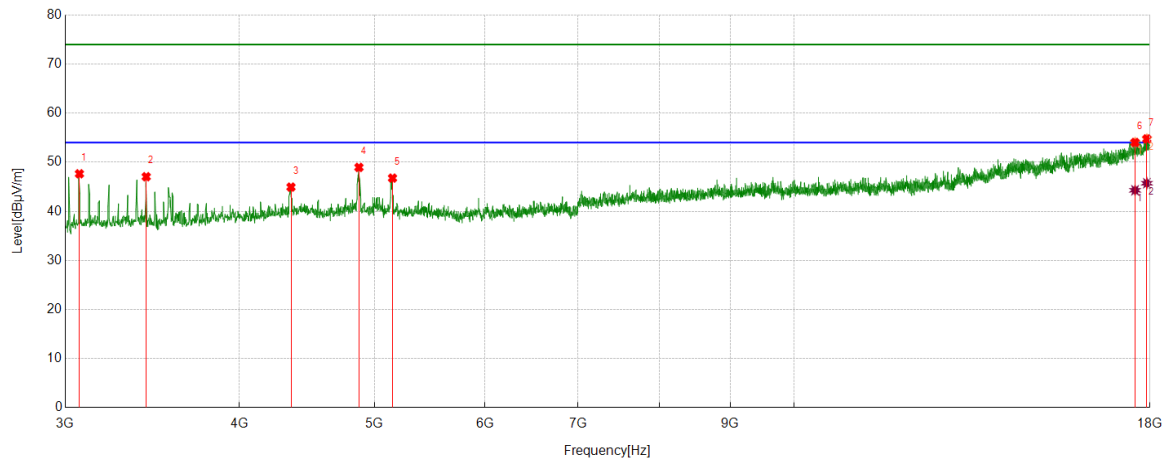
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3121.8902	57.76	-10.06	47.70	74.00	-26.30	Vertical
2	4361.4202	52.80	-5.74	47.06	74.00	-26.94	Vertical
3	5137.7672	51.85	-3.67	48.18	74.00	-25.82	Vertical
4	8561.9452	44.47	2.12	46.59	74.00	-27.41	Vertical
5	14367.671	39.25	10.83	50.08	74.00	-23.92	Vertical
6	17514.3143	37.59	17.19	54.78	74.00	-19.22	Vertical
7	17996.2495	36.78	18.69	55.47	74.00	-18.53	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17514.3143	27.63	17.19	44.82	54.00	-9.18	Vertical
2	17996.2495	27.36	18.69	46.05	54.00	-7.95	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

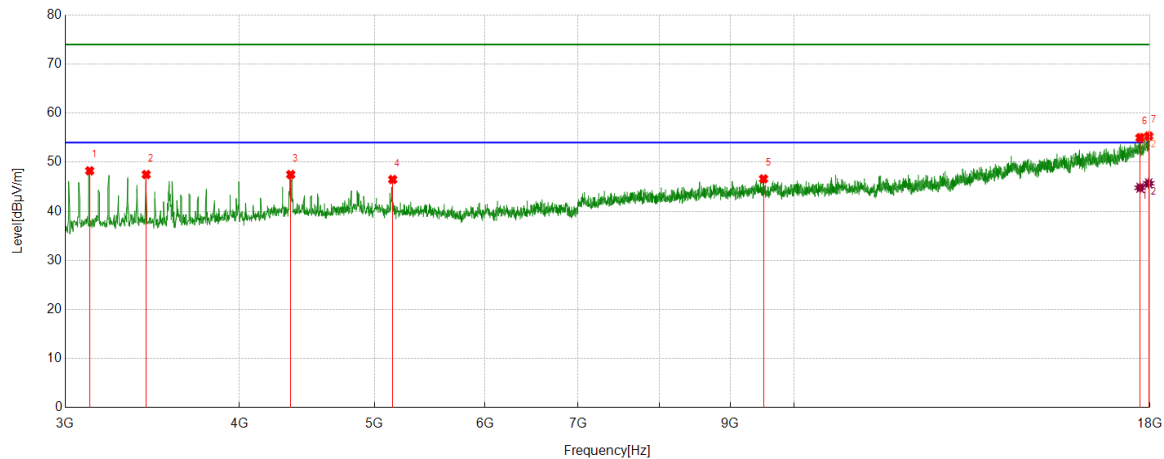
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3071.2589	57.55	-9.90	47.65	74.00	-26.35	Horizontal
2	3429.4287	56.42	-9.37	47.05	74.00	-26.95	Horizontal
3	4355.7945	50.67	-5.73	44.94	74.00	-29.06	Horizontal
4	4873.3592	52.57	-3.62	48.95	74.00	-25.05	Horizontal
5	5150.8939	51.04	-4.27	46.77	74.00	-27.23	Horizontal
6	17561.1951	36.78	17.25	54.03	74.00	-19.97	Horizontal
7	17908.1135	35.68	19.08	54.76	74.00	-19.24	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17561.1951	27.04	17.25	44.29	54.00	-9.71	Horizontal
2	17908.1135	26.64	19.08	45.72	54.00	-8.28	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

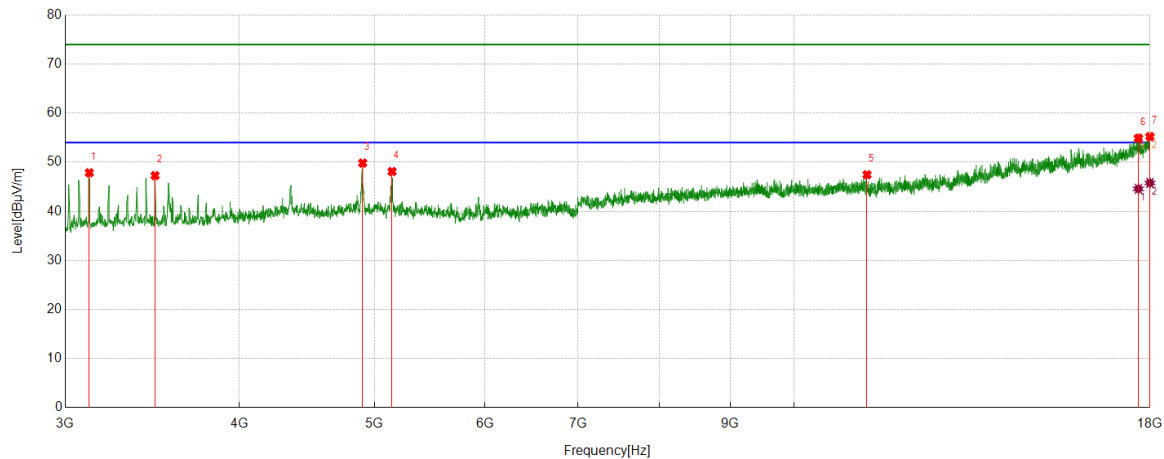
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3123.7655	58.29	-10.03	48.26	74.00	-25.74	Vertical
2	3429.4287	56.87	-9.37	47.50	74.00	-26.50	Vertical
3	4353.9192	53.22	-5.72	47.50	74.00	-26.50	Vertical
4	5152.7691	50.75	-4.27	46.48	74.00	-27.52	Vertical
5	9507.0634	43.25	3.36	46.61	74.00	-27.39	Vertical
6	17707.4634	37.16	17.83	54.99	74.00	-19.01	Vertical
7	17960.6201	36.86	18.47	55.33	74.00	-18.67	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17707.4634	26.97	17.83	44.80	54.00	-9.20	Vertical
2	17960.6201	27.23	18.47	45.70	54.00	-8.30	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

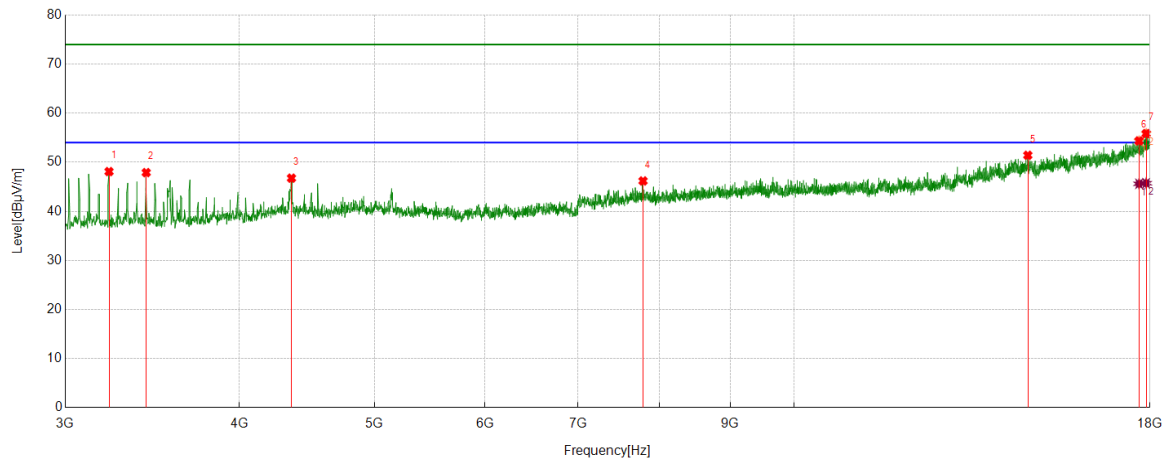
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3121.8902	57.92	-10.06	47.86	74.00	-26.14	Horizontal
2	3480.06	56.23	-8.95	47.28	74.00	-26.72	Horizontal
3	4903.3629	53.64	-3.80	49.84	74.00	-24.16	Horizontal
4	5147.1434	52.23	-4.12	48.11	74.00	-25.89	Horizontal
5	11279.1599	42.53	4.93	47.46	74.00	-26.54	Horizontal
6	17658.7073	37.13	17.77	54.90	74.00	-19.10	Horizontal
7	17998.1248	36.51	18.72	55.23	74.00	-18.77	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17658.7073	26.81	17.77	44.58	54.00	-9.42	Horizontal
2	17998.1248	27.06	18.72	45.78	54.00	-8.22	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

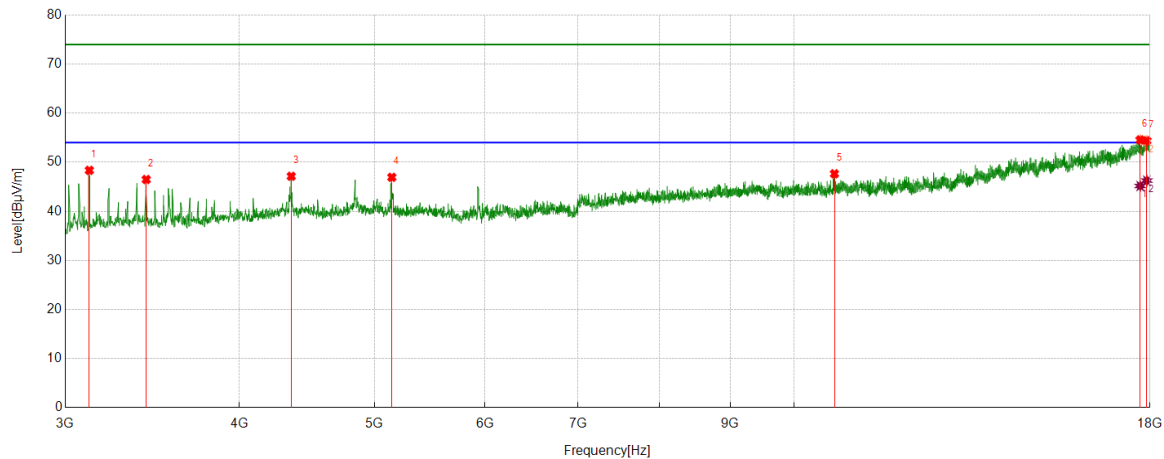
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3225.0281	57.36	-9.26	48.10	74.00	-25.90	Vertical
2	3429.4287	57.26	-9.37	47.89	74.00	-26.11	Vertical
3	4359.5449	52.52	-5.76	46.76	74.00	-27.24	Vertical
4	7791.2239	45.21	0.98	46.19	74.00	-27.81	Vertical
5	14710.8389	39.77	11.65	51.42	74.00	-22.58	Vertical
6	17677.4597	37.00	17.35	54.35	74.00	-19.65	Vertical
7	17887.4859	36.65	19.19	55.84	74.00	-18.16	Vertical

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17677.4597	28.26	17.35	45.61	54.00	-8.39	Vertical
2	17887.4859	26.54	19.19	45.73	54.00	-8.27	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

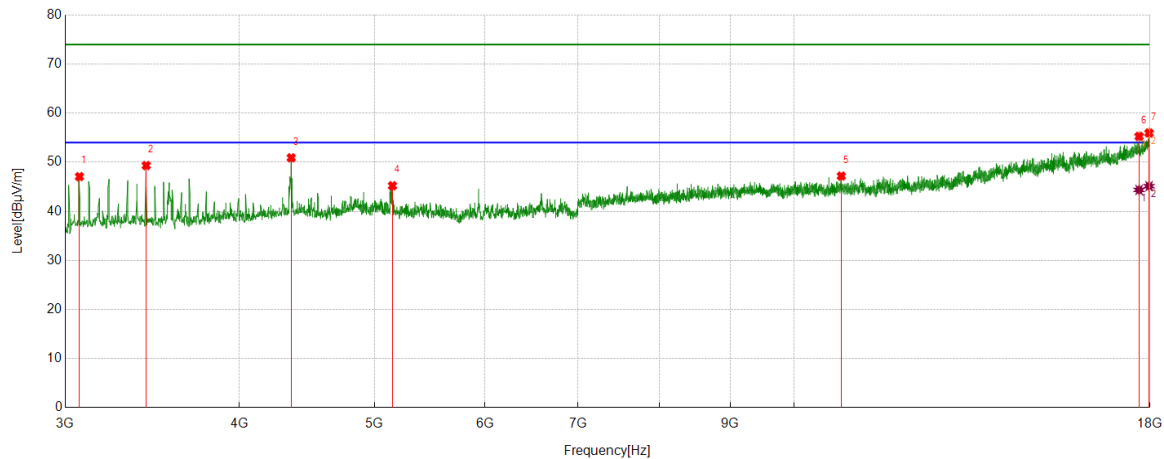
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3121.8902	58.41	-10.06	48.35	74.00	-25.65	Horizontal
2	3429.4287	55.85	-9.37	46.48	74.00	-27.52	Horizontal
3	4357.6697	52.89	-5.75	47.14	74.00	-26.86	Horizontal
4	5145.2682	50.95	-4.02	46.93	74.00	-27.07	Horizontal
5	10688.4611	43.09	4.56	47.65	74.00	-26.35	Horizontal
6	17711.2139	36.70	17.85	54.55	74.00	-19.45	Horizontal
7	17906.2383	35.25	19.14	54.39	74.00	-19.61	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17711.2139	27.31	17.85	45.16	54.00	-8.84	Horizontal
2	17906.2383	27.12	19.14	46.26	54.00	-7.74	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

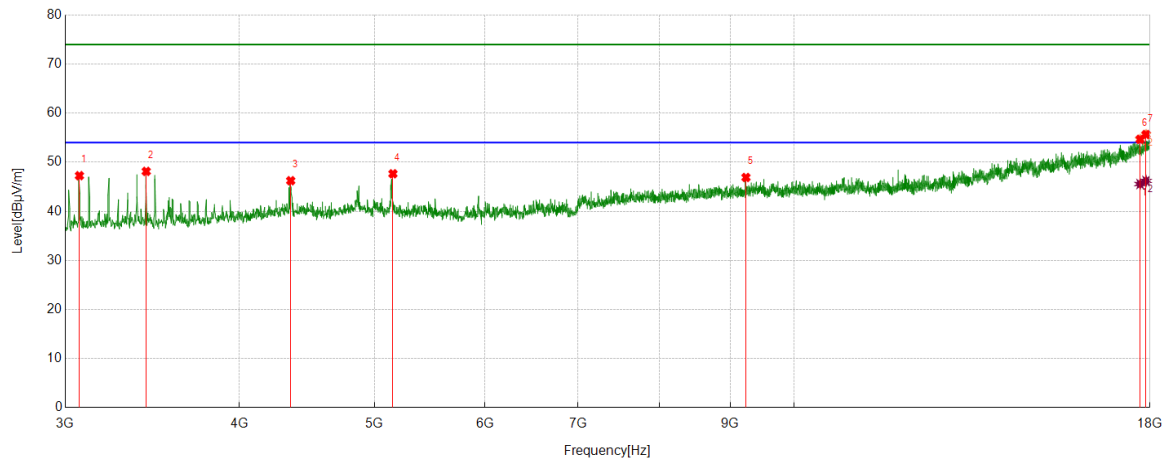
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3071.2589	56.97	-9.90	47.07	74.00	-26.93	Vertical
2	3429.4287	58.70	-9.37	49.33	74.00	-24.67	Vertical
3	4357.6697	56.66	-5.75	50.91	74.00	-23.09	Vertical
4	5150.8939	49.49	-4.27	45.22	74.00	-28.78	Vertical
5	10810.3513	42.97	4.21	47.18	74.00	-26.82	Vertical
6	17679.3349	37.95	17.32	55.27	74.00	-18.73	Vertical
7	17971.8715	37.26	18.70	55.96	74.00	-18.04	Vertical

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17679.3349	27.04	17.32	44.36	54.00	-9.64	Vertical
2	17971.8715	26.43	18.70	45.13	54.00	-8.87	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

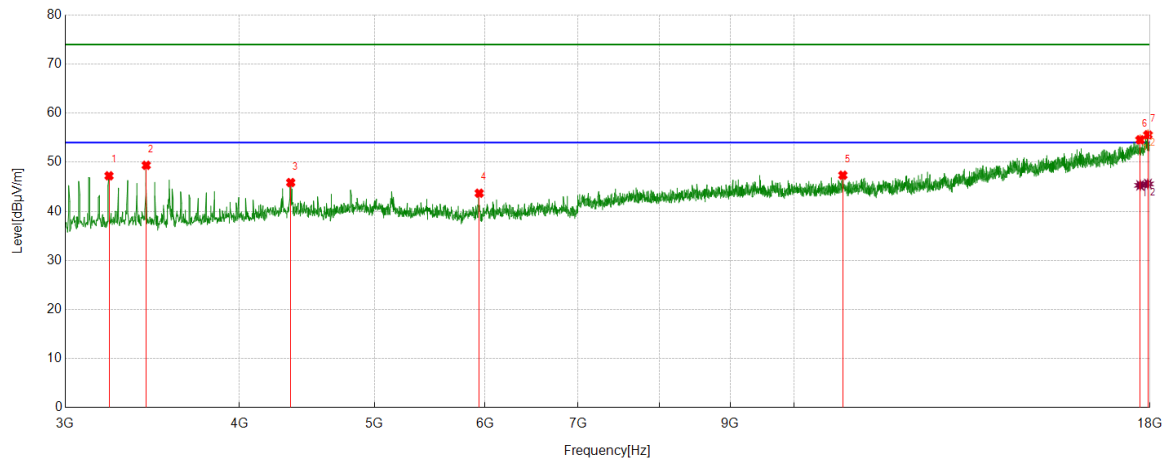
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3071.2589	57.16	-9.90	47.26	74.00	-26.74	Horizontal
2	3429.4287	57.51	-9.37	48.14	74.00	-25.86	Horizontal
3	4353.9192	51.96	-5.72	46.24	74.00	-27.76	Horizontal
4	5154.6443	51.91	-4.26	47.65	74.00	-26.35	Horizontal
5	9235.1544	43.99	2.91	46.90	74.00	-27.10	Horizontal
6	17709.3387	36.79	17.89	54.68	74.00	-19.32	Horizontal
7	17883.7355	36.55	19.10	55.65	74.00	-18.35	Horizontal

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17709.3387	27.67	17.89	45.56	54.00	-8.44	Horizontal
2	17883.7355	27.10	19.10	46.20	54.00	-7.80	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

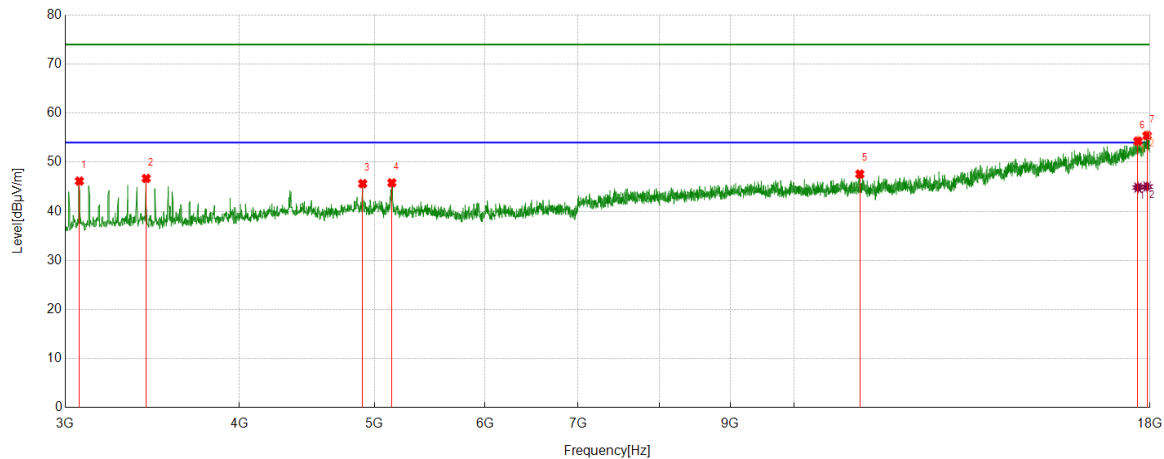
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3225.0281	56.49	-9.26	47.23	74.00	-26.77	Vertical
2	3429.4287	58.75	-9.37	49.38	74.00	-24.62	Vertical
3	4353.9192	51.58	-5.72	45.86	74.00	-28.14	Vertical
4	5944.118	46.27	-2.58	43.69	74.00	-30.31	Vertical
5	10838.4798	42.86	4.49	47.35	74.00	-26.65	Vertical
6	17709.3387	36.68	17.89	54.57	74.00	-19.43	Vertical
7	17939.9925	36.97	18.63	55.60	74.00	-18.40	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17709.3387	27.41	17.89	45.30	54.00	-8.70	Vertical
2	17939.9925	26.95	18.63	45.58	54.00	-8.42	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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:

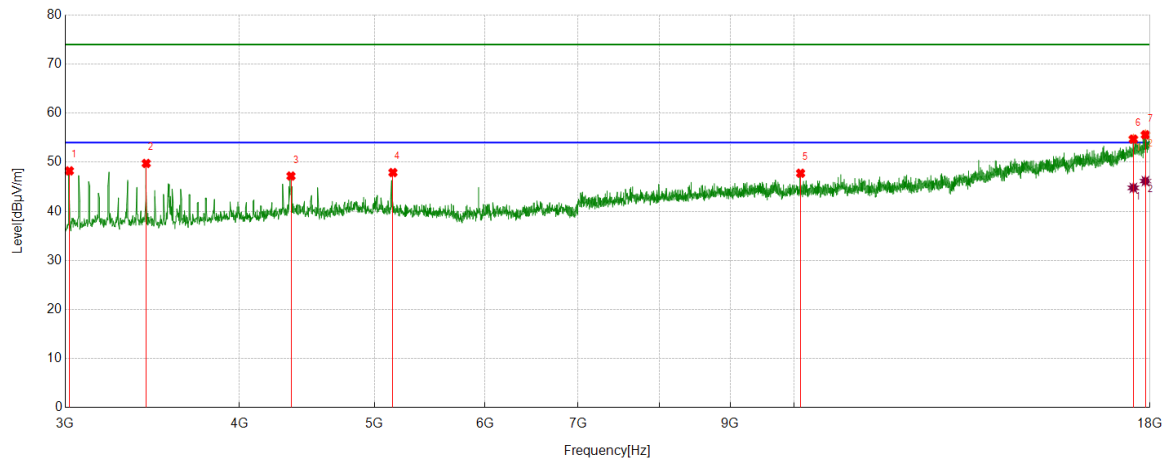
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3071.2589	56.07	-9.90	46.17	74.00	-27.83	Horizontal
2	3429.4287	56.07	-9.37	46.70	74.00	-27.30	Horizontal
3	4903.3629	49.44	-3.80	45.64	74.00	-28.36	Horizontal
4	5145.2682	49.83	-4.02	45.81	74.00	-28.19	Horizontal
5	11146.0183	42.74	4.85	47.59	74.00	-26.41	Horizontal
6	17645.5807	36.52	17.78	54.30	74.00	-19.70	Horizontal
7	17915.6145	36.58	18.86	55.44	74.00	-18.56	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17645.5807	27.07	17.78	44.85	54.00	-9.15	Horizontal
2	17915.6145	26.17	18.86	45.03	54.00	-8.97	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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 [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3020.6276	58.80	-10.56	48.24	74.00	-25.76	Vertical
2	3429.4287	59.13	-9.37	49.76	74.00	-24.24	Vertical
3	4355.7945	52.92	-5.73	47.19	74.00	-26.81	Vertical
4	5154.6443	52.16	-4.26	47.90	74.00	-26.10	Vertical
5	10107.1384	43.86	3.90	47.76	74.00	-26.24	Vertical
6	17512.4391	37.50	17.21	54.71	74.00	-19.29	Vertical
7	17864.9831	36.78	18.81	55.59	74.00	-18.41	Vertical

AV Result:

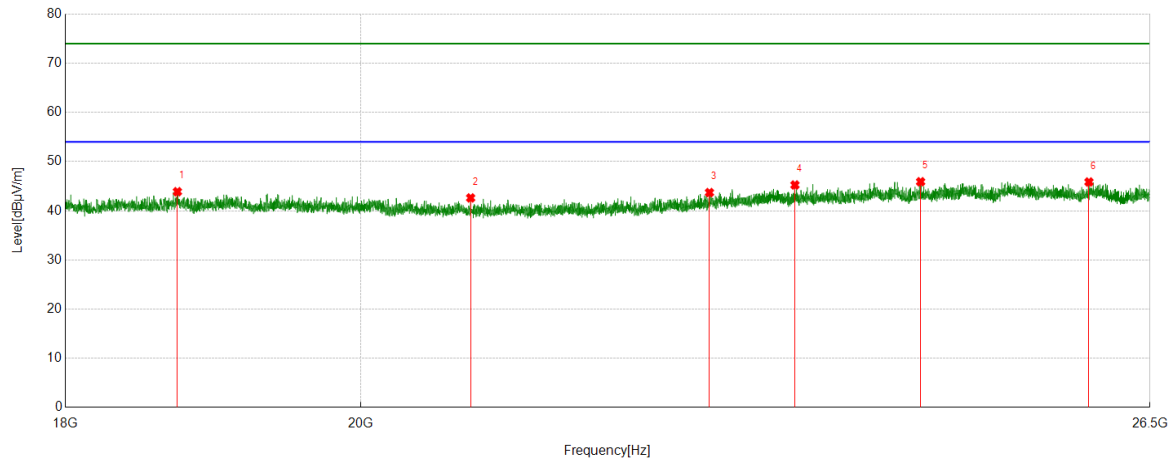
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17512.4391	27.57	17.21	44.78	54.00	-9.22	Vertical
2	17864.9831	27.35	18.81	46.16	54.00	-7.84	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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	MCH	Horizontal	PASS

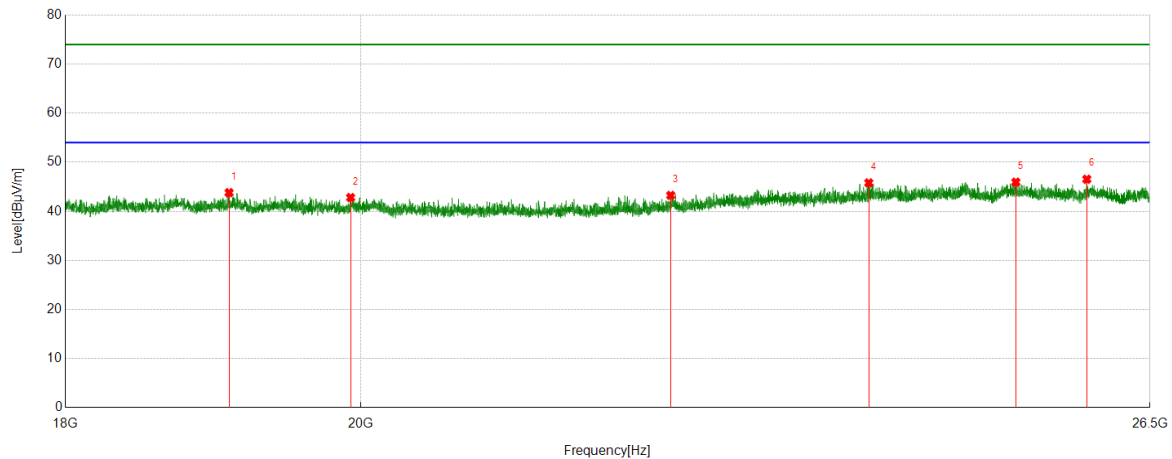


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	18734.4734	50.11	-6.23	43.88	74.00	-30.12	Horizontal
2	20799.3299	48.54	-5.93	42.61	74.00	-31.39	Horizontal
3	22648.2648	47.99	-4.29	43.70	74.00	-30.30	Horizontal
4	23348.7349	48.51	-3.27	45.24	74.00	-28.76	Horizontal
5	24418.9919	48.84	-2.94	45.90	74.00	-28.10	Horizontal
6	25929.593	48.60	-2.75	45.85	74.00	-28.15	Horizontal

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

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



PK Result:

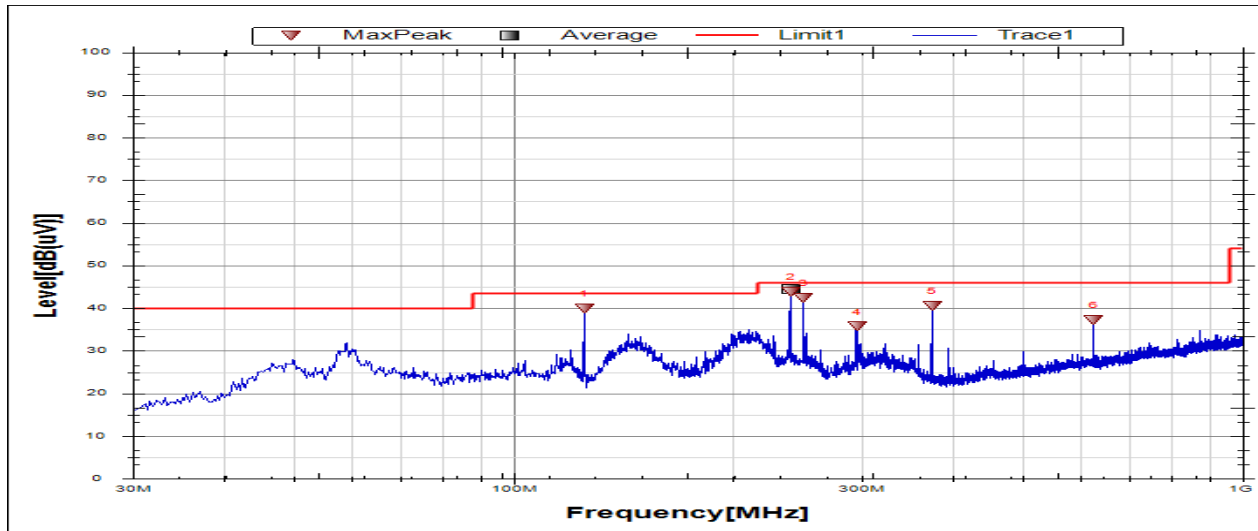
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	19083.0083	49.74	-5.94	43.80	74.00	-30.20	Vertical
2	19927.9928	47.96	-5.15	42.81	74.00	-31.19	Vertical
3	22337.1337	48.33	-5.08	43.25	74.00	-30.75	Vertical
4	23971.8472	48.44	-2.65	45.79	74.00	-28.21	Vertical
5	25262.2762	49.28	-3.34	45.94	74.00	-28.06	Vertical
6	25910.041	49.31	-2.77	46.54	74.00	-27.46	Vertical

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

Part 4: 30MHz~1GHz

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

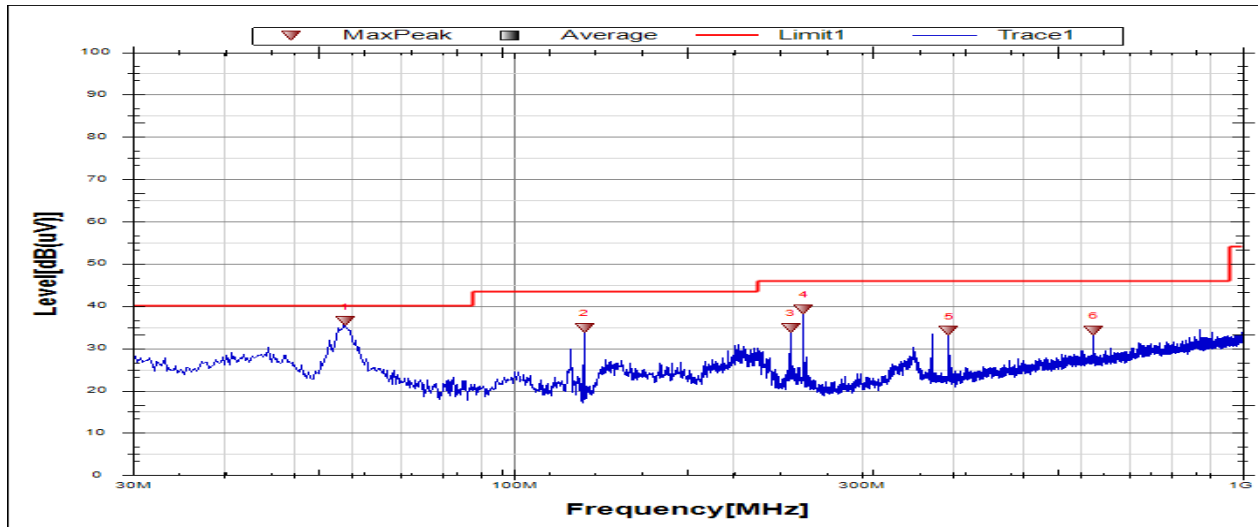
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	124.8414	23.6	16.34	39.94	43.5	-3.56	Peak
2	240.0179	24.51	20.08	44.59	46.0	-1.41	QP
3	250.0028	22.10	20.38	42.48	46.0	-3.52	Peak
4	295.6043	14.62	21.10	35.72	46.0	-10.28	Peak
5	374.9217	17.19	23.43	40.62	46.0	-5.38	Peak
6	625.0021	9.18	28.10	37.28	46.0	-8.72	Peak

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

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



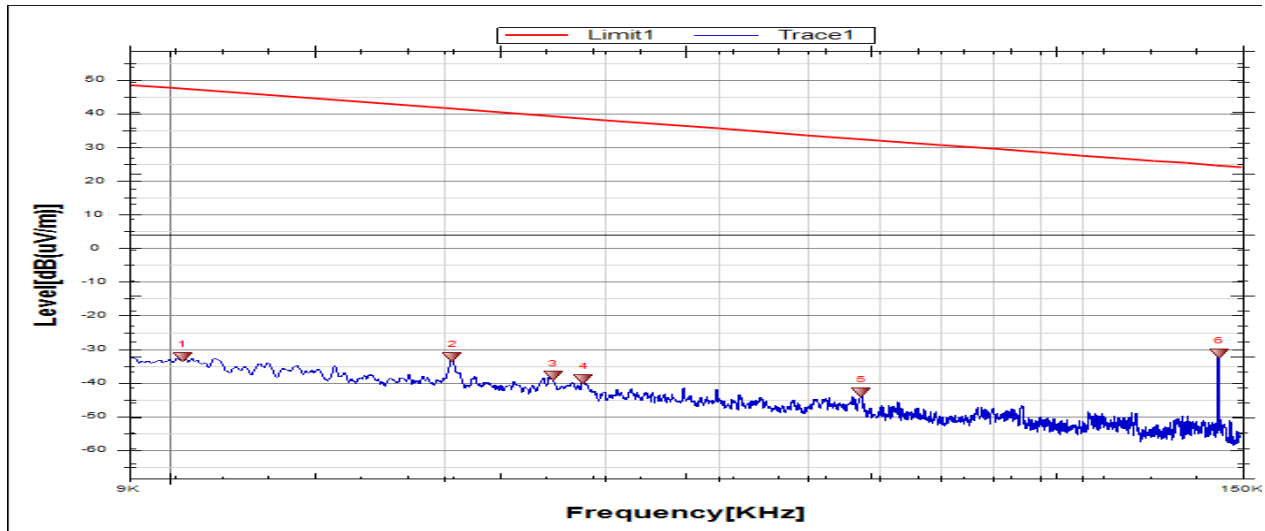
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	58.6222	16.60	19.83	36.43	40.0	-3.57	Peak
2	124.8414	18.57	16.34	34.91	43.5	-8.59	Peak
3	239.8153	14.80	20.07	34.87	46.0	-11.13	Peak
4	250.0028	18.91	20.38	39.29	46.0	-6.71	Peak
5	396.0245	10.37	23.75	34.12	46.0	-11.88	Peak
6	625.0021	6.10	28.10	34.20	46.0	-11.80	Peak

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

Part 5: 9kHz~30MHz

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

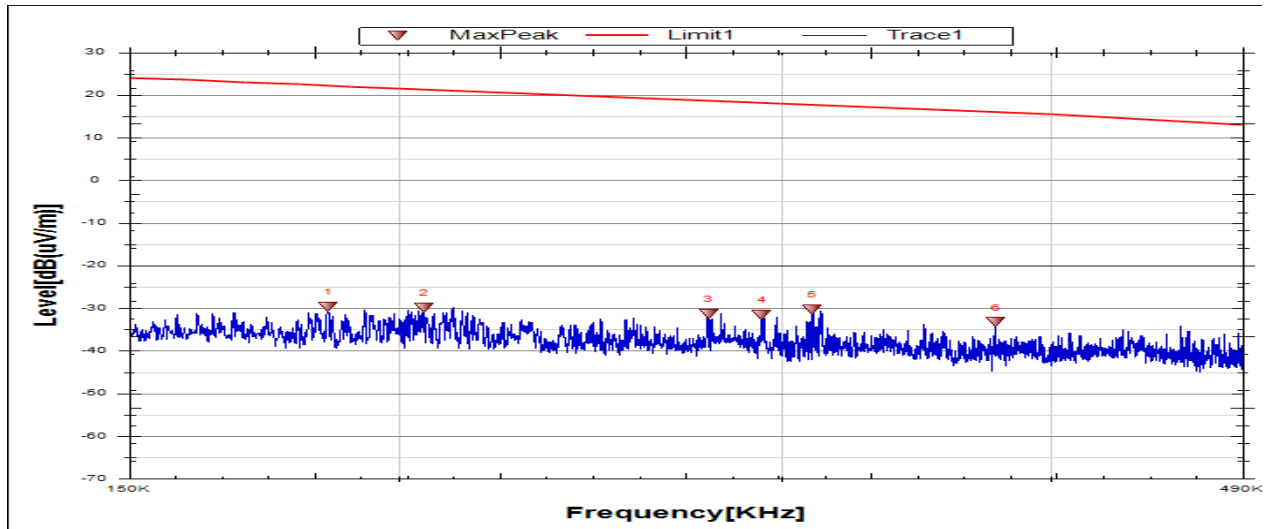
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9kHz~150kHz	PASS



No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	FCC Result [dBuV/m]	FCC Limit [dBuV/m]	ISED Result [dBuA/m]	ISED Limit [dBuA/m]	Margin [dB]	Remark
1	0.0103	29.53	-61.91	-32.38	47.42	-83.88	-4.08	-79.80	Peak
2	0.0204	29.53	-61.81	-32.28	41.44	-83.78	-10.06	-73.72	Peak
3	0.0263	23.77	-61.75	-37.98	39.36	-89.48	-12.14	-77.34	Peak
4	0.0284	22.95	-61.73	-38.78	38.62	-90.28	-12.88	-77.40	Peak
5	0.0573	18.98	-61.73	-42.75	32.47	-94.25	-19.03	-75.22	Peak
6	0.1413	30.51	-61.83	-31.32	24.60	-82.82	-26.90	-55.92	Peak

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

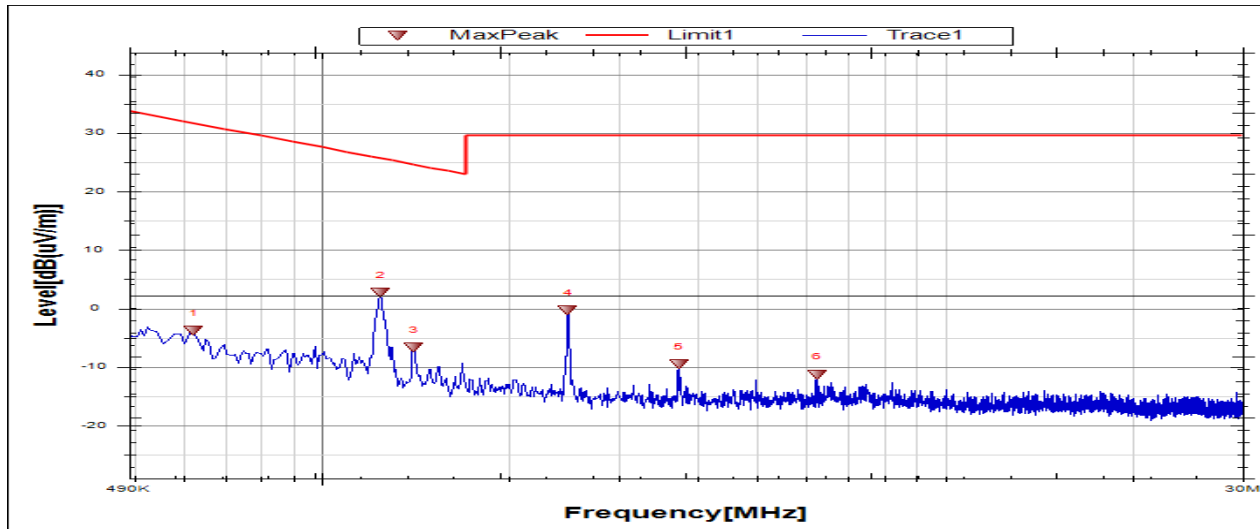
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150kHz~490kHz	PASS



No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	FCC Result [dBuV/m]	FCC Limit [dBuV/m]	ISED Result [dBuA/m]	ISED Limit [dBuA/m]	Margin [dB]	Remark
1	0.1854	32.24	-61.85	-29.61	22.25	-81.11	-29.25	-51.86	Peak
2	0.2053	32.04	-61.86	-29.82	21.39	-81.32	-30.11	-51.21	Peak
3	0.2778	30.58	-61.90	-31.32	18.84	-82.82	-32.66	-50.16	Peak
4	0.2941	30.44	-61.91	-31.47	18.27	-82.97	-33.23	-49.74	Peak
5	0.3101	31.74	-61.91	-30.17	17.81	-81.67	-33.69	-47.98	Peak
6	0.3771	28.62	-61.89	-33.27	16.13	-84.77	-35.37	-49.40	Peak

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

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



No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	FCC Result [dBuV/m]	FCC Limit [dBuV/m]	ISED Result [dBuA/m]	ISED Limit [dBuA/m]	Margin [dB]	Remark
1	0.6228	18.05	-21.88	-3.83	31.73	-55.33	-19.77	-35.56	Peak
2	1.2427	24.51	-21.84	2.67	25.73	-48.83	-25.77	-23.06	Peak
3	1.4050	15.13	-21.83	-6.70	24.65	-58.20	-26.85	-31.35	Peak
4	2.4823	21.45	-21.80	-0.35	29.54	-51.85	-21.96	-29.89	Peak
5	3.7368	12.25	-21.76	-9.51	29.54	-61.01	-21.96	-39.05	Peak
6	6.2235	10.47	-21.75	-11.28	29.54	-62.78	-21.96	-40.82	Peak

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

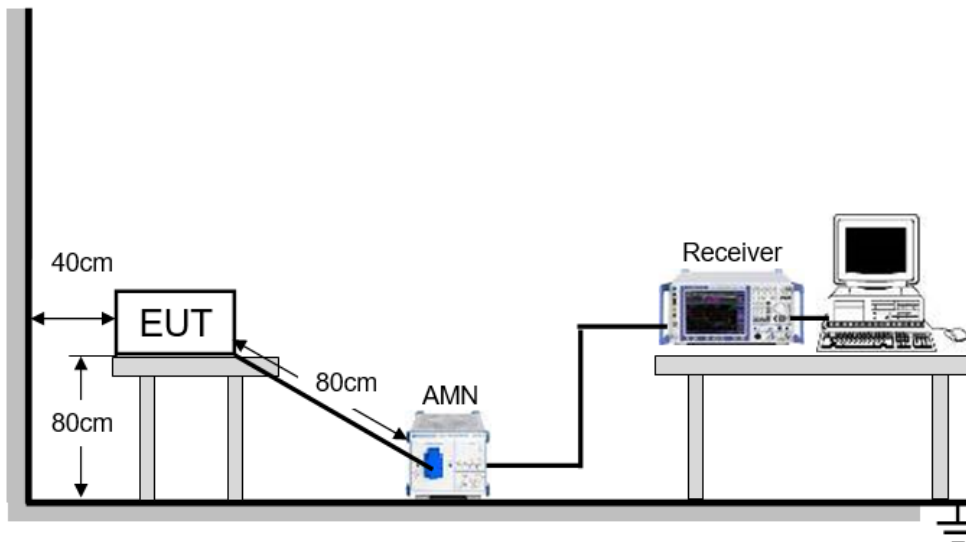
9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

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

TEST SETUP AND PROCEDURE



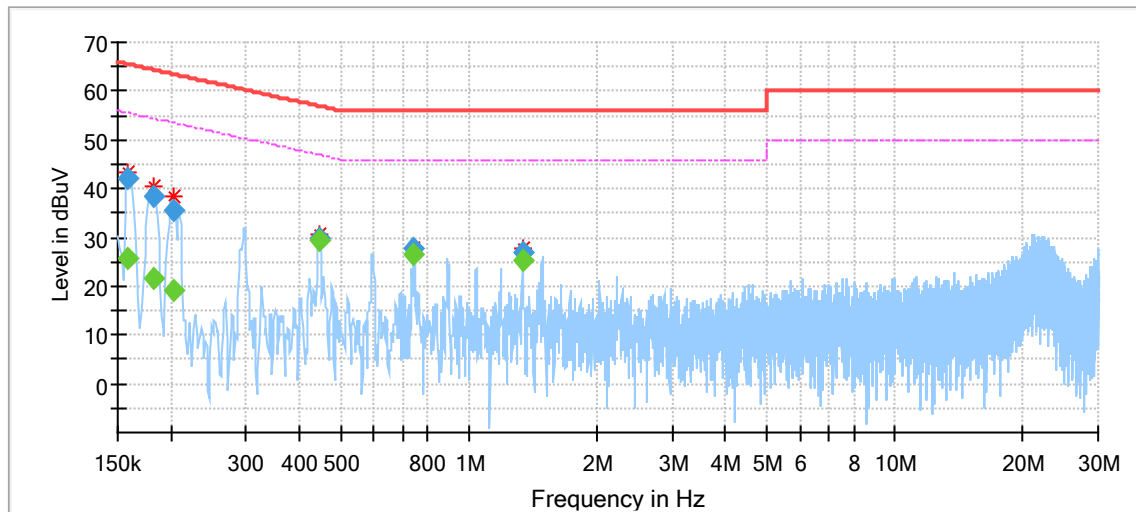
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver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

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

TEST ENVIRONMENT

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

LINE L RESULTS (WORST-CASE CONFIGURATION)

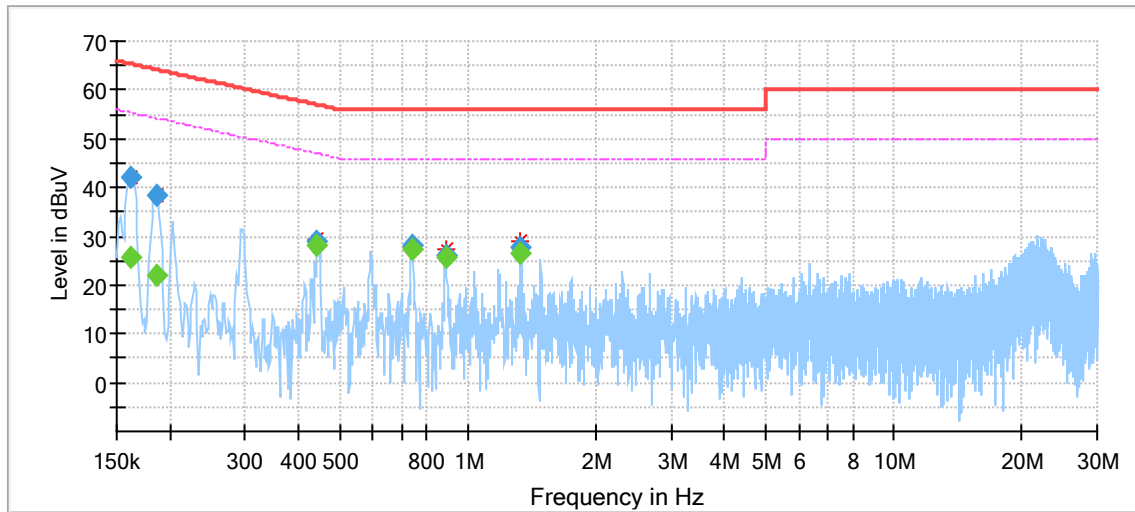


Final Result

Frequency [MHz]	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.158955	---	25.51	55.52	30.01	1000.0	9.000	L1	OFF	9.6
0.158955	42.08	---	65.52	23.44	1000.0	9.000	L1	OFF	9.6
0.181343	---	21.56	54.42	32.86	1000.0	9.000	L1	OFF	9.6
0.181343	38.46	---	64.42	25.96	1000.0	9.000	L1	OFF	9.6
0.202238	---	19.04	53.52	34.48	1000.0	9.000	L1	OFF	9.6
0.202238	35.42	---	63.52	28.10	1000.0	9.000	L1	OFF	9.6
0.445515	---	29.32	46.96	17.64	1000.0	9.000	L1	OFF	9.6
0.445515	29.72	---	56.96	27.24	1000.0	9.000	L1	OFF	9.6
0.744015	---	26.45	46.00	19.55	1000.0	9.000	L1	OFF	9.6
0.744015	27.59	---	56.00	28.41	1000.0	9.000	L1	OFF	9.6
1.338030	---	25.22	46.00	20.78	1000.0	9.000	L1	OFF	9.6
1.338030	26.82	---	56.00	29.18	1000.0	9.000	L1	OFF	9.6

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

LINE N RESULTS (WORST-CASE CONFIGURATION)



Final_Result

Frequency [MHz]	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.161940	---	25.49	55.36	29.87	1000.0	9.000	N	OFF	9.6
0.161940	41.93	---	65.36	23.43	1000.0	9.000	N	OFF	9.6
0.185820	---	22.07	54.22	32.15	1000.0	9.000	N	OFF	9.6
0.185820	38.33	---	64.22	25.89	1000.0	9.000	N	OFF	9.6
0.442530	---	28.31	47.01	18.70	1000.0	9.000	N	OFF	9.6
0.442530	28.96	---	57.01	28.05	1000.0	9.000	N	OFF	9.6
0.741030	---	27.43	46.00	18.57	1000.0	9.000	N	OFF	9.6
0.741030	27.96	---	56.00	28.04	1000.0	9.000	N	OFF	9.6
0.887295	---	25.70	46.00	20.30	1000.0	9.000	N	OFF	9.6
0.887295	26.06	---	56.00	29.94	1000.0	9.000	N	OFF	9.6
1.333553	---	26.55	46.00	19.45	1000.0	9.000	N	OFF	9.6
1.333553	27.60	---	56.00	28.40	1000.0	9.000	N	OFF	9.6

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

10. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

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

Please refer to FCC §15.247(b)(4)

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

ANTENNA GAIN

The antenna gain of EUT is greater than 6 dBi and less than 9 dBi.

END OF REPORT