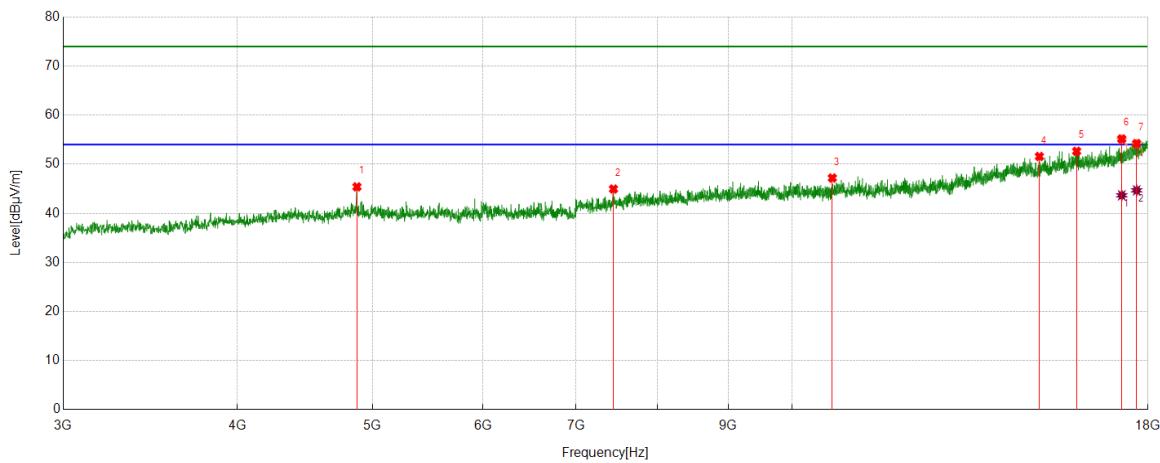


Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4873.3592	49.02	-3.62	45.40	74.00	-28.60	Horizontal
2	7444.3055	43.89	1.06	44.95	74.00	-29.05	Horizontal
3	10686.5858	42.68	4.52	47.20	74.00	-26.80	Horizontal
4	15044.6306	39.63	11.95	51.58	74.00	-22.42	Horizontal
5	15999.1249	38.87	13.78	52.65	74.00	-21.35	Horizontal
6	17236.7796	39.21	15.95	55.16	74.00	-18.84	Horizontal
7	17666.2083	36.65	17.57	54.22	74.00	-19.78	Horizontal

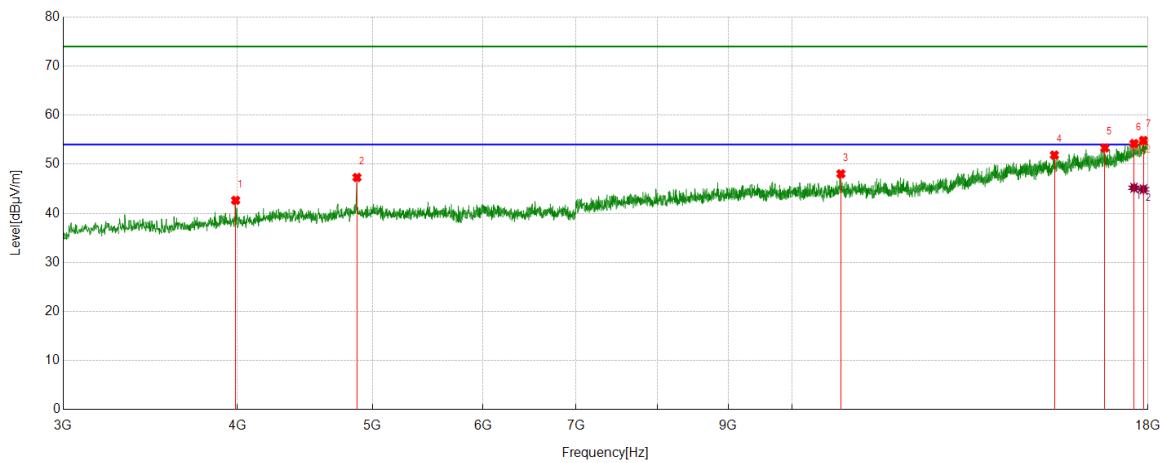
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17236.7796	27.72	15.95	43.67	54.00	-10.33	Horizontal
2	17666.2083	27.11	17.57	44.68	54.00	-9.32	Horizontal

Note:

1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz (refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3988.2485	49.69	-7.04	42.65	74.00	-31.35	Vertical
2	4873.3592	50.93	-3.62	47.31	74.00	-26.69	Vertical
3	10838.4798	43.56	4.49	48.05	74.00	-25.95	Vertical
4	15421.5527	38.59	13.28	51.87	74.00	-22.13	Vertical
5	16762.3453	38.21	15.10	53.31	74.00	-20.69	Vertical
6	17589.3237	36.56	17.65	54.21	74.00	-19.79	Vertical
7	17866.8584	36.06	18.78	54.84	74.00	-19.16	Vertical

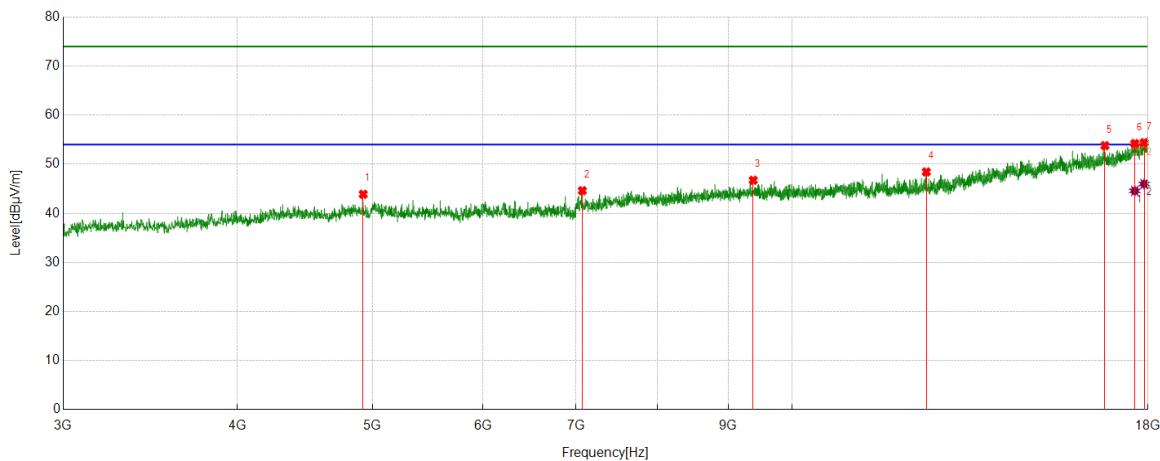
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17589.3237	27.56	17.65	45.21	54.00	-8.79	Vertical
2	17866.8584	26.13	18.78	44.91	54.00	-9.09	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
11B	HCH	Horizontal	PASS


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4923.9905	47.77	-3.88	43.89	74.00	-30.11	Horizontal
2	7071.1339	44.61	0.01	44.62	74.00	-29.38	Horizontal
3	9377.6722	43.68	3.06	46.74	74.00	-27.26	Horizontal
4	12481.1851	41.71	6.73	48.44	74.00	-25.56	Horizontal
5	16764.2205	38.71	15.08	53.79	74.00	-20.21	Horizontal
6	17611.8265	36.61	17.61	54.22	74.00	-19.78	Horizontal
7	17887.4859	35.21	19.19	54.40	74.00	-19.60	Horizontal

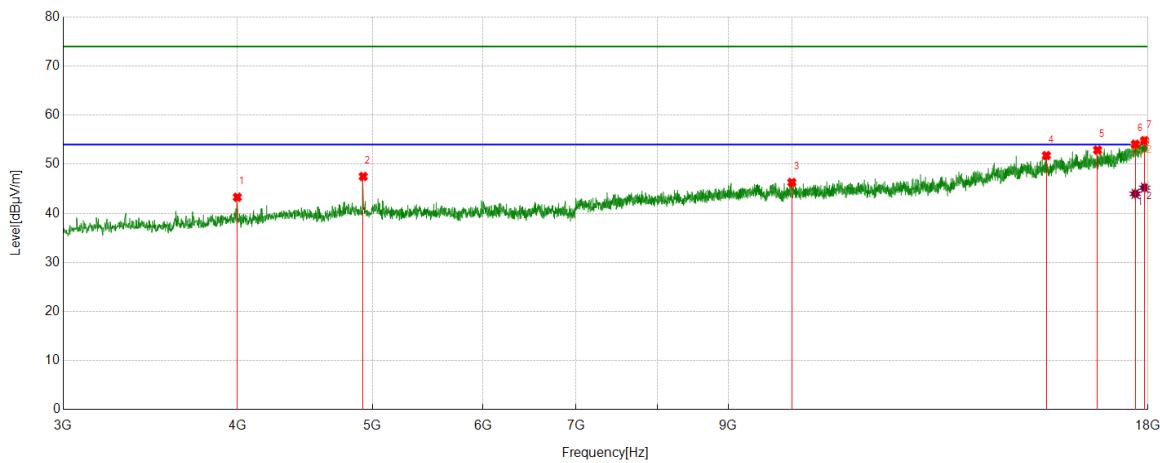
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17611.8265	26.96	17.61	44.57	54.00	-9.43	Horizontal
2	17887.4859	26.78	19.19	45.97	54.00	-8.03	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
11B	HCH	Vertical	PASS


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3999.4999	50.18	-6.90	43.28	74.00	-30.72	Vertical
2	4923.9905	51.39	-3.88	47.51	74.00	-26.49	Vertical
3	9994.6243	42.48	3.81	46.29	74.00	-27.71	Vertical
4	15219.0274	39.02	12.75	51.77	74.00	-22.23	Vertical
5	16561.6952	38.84	14.05	52.89	74.00	-21.11	Vertical
6	17626.8284	36.71	17.37	54.08	74.00	-19.92	Vertical
7	17898.7373	35.52	19.29	54.81	74.00	-19.19	Vertical

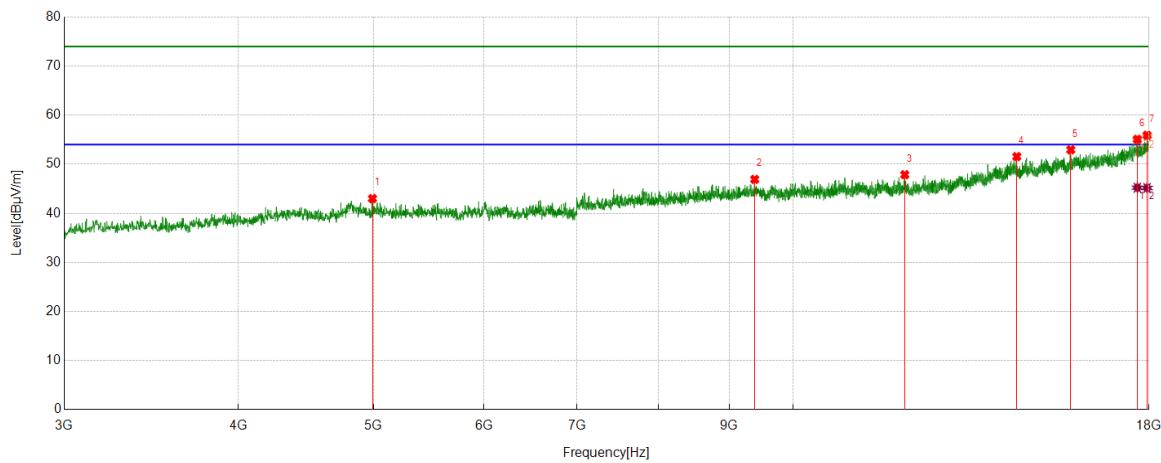
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17626.8284	26.61	17.37	43.98	54.00	-10.02	Vertical
2	17898.7373	25.94	19.29	45.23	54.00	-8.77	Vertical

Note:

1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz (refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS


PK Result:

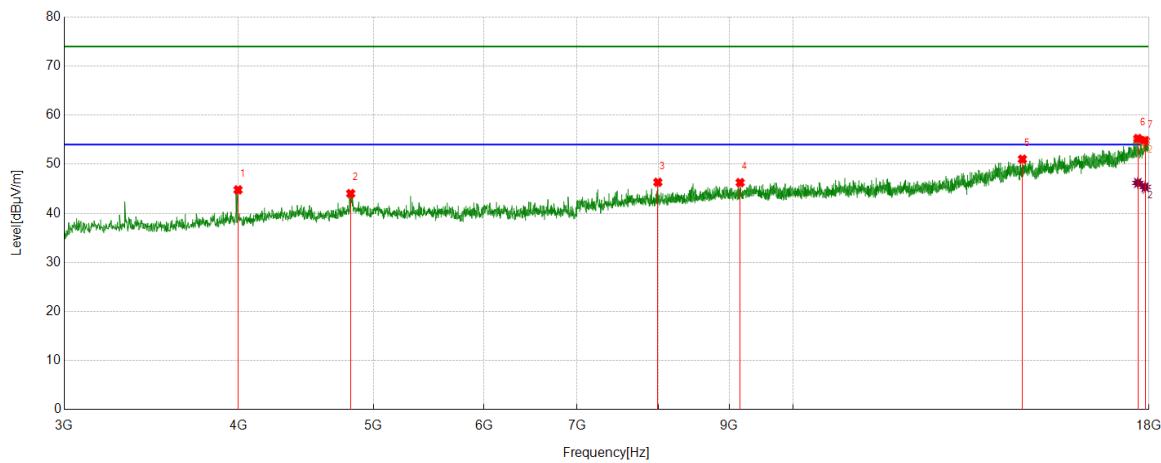
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4991.4989	46.46	-3.45	43.01	74.00	-30.99	Horizontal
2	9385.1731	43.73	3.19	46.92	74.00	-27.08	Horizontal
3	12025.5032	41.22	6.65	47.87	74.00	-26.13	Horizontal
4	14468.9336	39.66	11.90	51.56	74.00	-22.44	Horizontal
5	15819.1024	38.86	14.08	52.94	74.00	-21.06	Horizontal
6	17656.8321	37.31	17.76	55.07	74.00	-18.93	Horizontal
7	17943.743	37.38	18.53	55.91	74.00	-18.09	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17656.8321	27.47	17.76	45.23	54.00	-8.77	Horizontal
2	17943.743	26.63	18.53	45.16	54.00	-8.84	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	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	3997.6247	51.72	-6.94	44.78	74.00	-29.22	Vertical
2	4815.2269	48.17	-4.15	44.02	74.00	-29.98	Vertical
3	7997.4997	45.01	1.32	46.33	74.00	-27.67	Vertical
4	9162.0203	43.77	2.49	46.26	74.00	-27.74	Vertical
5	14603.9505	39.05	11.98	51.03	74.00	-22.97	Vertical
6	17671.834	37.83	17.41	55.24	74.00	-18.76	Vertical
7	17887.4859	35.62	19.19	54.81	74.00	-19.19	Vertical

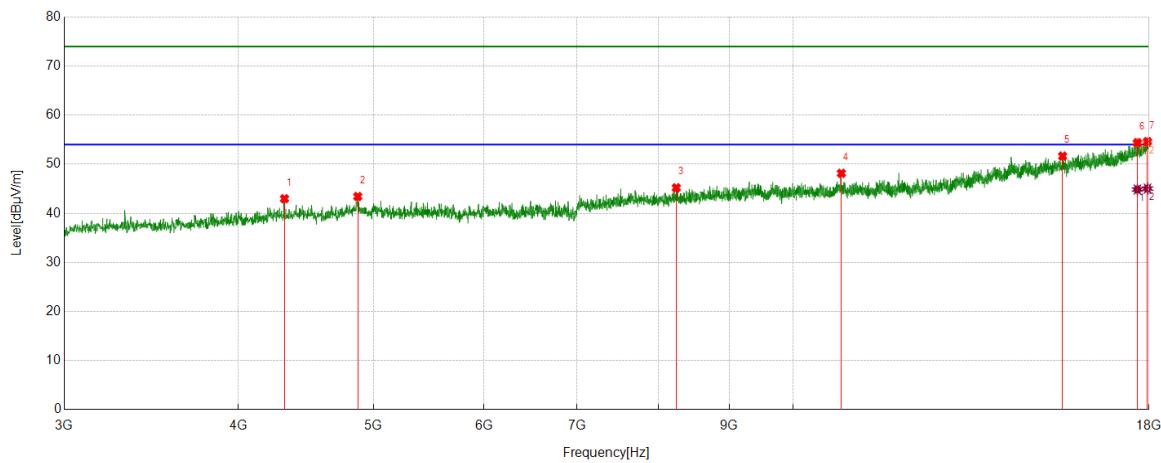
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17671.834	28.79	17.41	46.20	54.00	-7.80	Vertical
2	17887.4859	26.17	19.19	45.36	54.00	-8.64	Vertical

Note:

1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4316.4146	48.52	-5.54	42.98	74.00	-31.02	Horizontal
2	4871.4839	47.09	-3.66	43.43	74.00	-30.57	Horizontal
3	8245.0306	42.95	2.25	45.20	74.00	-28.80	Horizontal
4	10829.1036	43.97	4.18	48.15	74.00	-25.85	Horizontal
5	15607.2009	38.28	13.38	51.66	74.00	-22.34	Horizontal
6	17658.7073	36.62	17.77	54.39	74.00	-19.61	Horizontal
7	17954.9944	36.21	18.40	54.61	74.00	-19.39	Horizontal

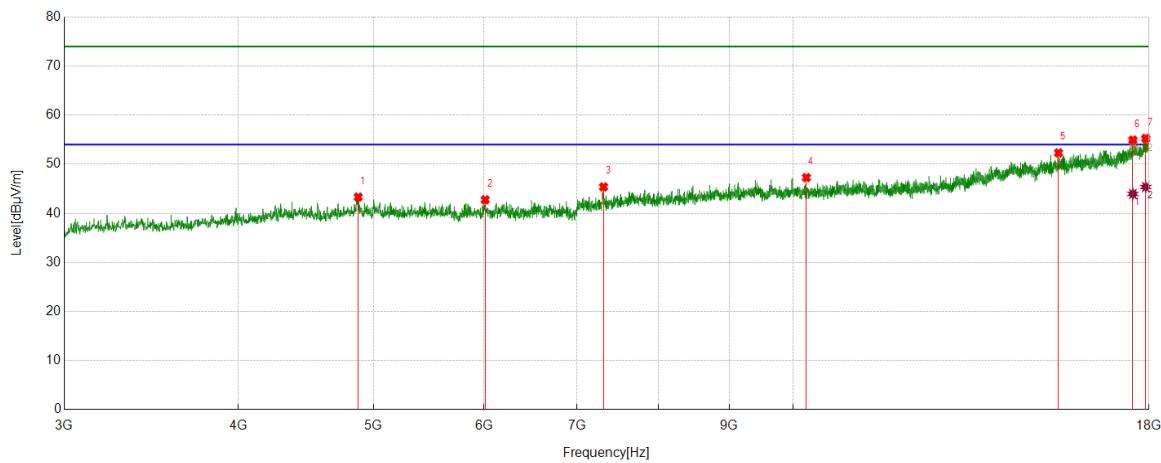
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17658.7073	27.08	17.77	44.85	54.00	-9.15	Horizontal
2	17954.9944	26.65	18.40	45.05	54.00	-8.95	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	4875.2344	46.90	-3.58	43.32	74.00	-30.68	Vertical
2	6013.5017	44.62	-1.85	42.77	74.00	-31.23	Vertical
3	7311.1639	45.40	-0.02	45.38	74.00	-28.62	Vertical
4	10221.5277	42.93	4.35	47.28	74.00	-26.72	Vertical
5	15502.1878	39.66	12.66	52.32	74.00	-21.68	Vertical
6	17527.4409	38.22	16.72	54.94	74.00	-19.06	Vertical
7	17904.363	36.08	19.18	55.26	74.00	-18.74	Vertical

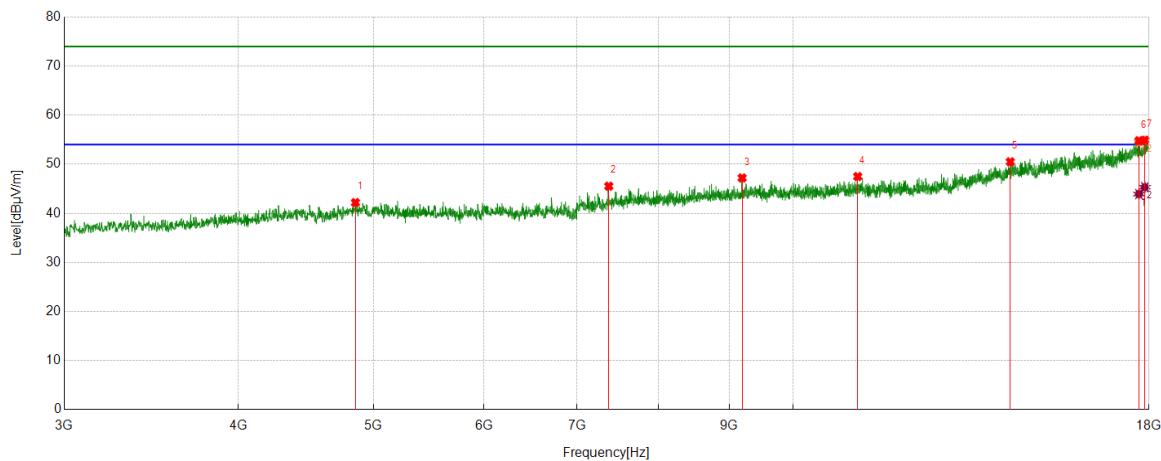
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17527.4409	27.24	16.72	43.96	54.00	-10.04	Vertical
2	17904.363	26.18	19.18	45.36	54.00	-8.64	Vertical

Note:

1. Measurement = Reading Level + Correct Factor,
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 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	4852.7316	45.78	-3.59	42.19	74.00	-31.81	Horizontal
2	7374.9219	45.49	0.04	45.53	74.00	-28.47	Horizontal
3	9192.024	44.49	2.72	47.21	74.00	-26.79	Horizontal
4	11125.3907	42.51	4.99	47.50	74.00	-26.50	Horizontal
5	14315.1644	39.32	11.18	50.50	74.00	-23.50	Horizontal
6	17703.713	37.04	17.73	54.77	74.00	-19.23	Horizontal
7	17878.1098	35.94	18.96	54.90	74.00	-19.10	Horizontal

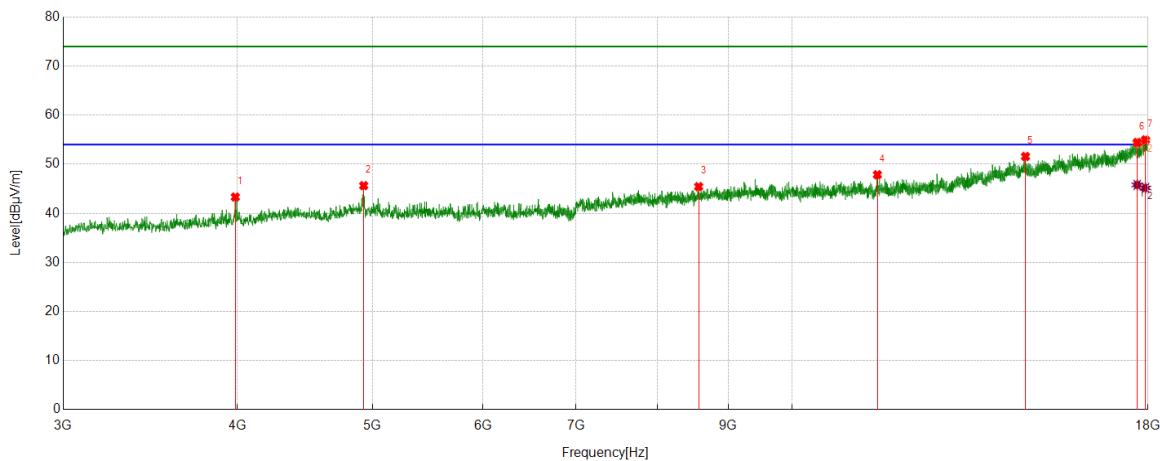
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17703.713	26.20	17.73	43.93	54.00	-10.07	Horizontal
2	17878.1098	26.36	18.96	45.32	54.00	-8.68	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	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3986.3733	50.30	-6.98	43.32	74.00	-30.68	Vertical
2	4927.741	49.48	-3.84	45.64	74.00	-28.36	Vertical
3	8569.4462	43.31	2.13	45.44	74.00	-28.56	Vertical
4	11511.689	41.45	6.41	47.86	74.00	-26.14	Vertical
5	14703.3379	39.94	11.64	51.58	74.00	-22.42	Vertical
6	17683.0854	37.05	17.38	54.43	74.00	-19.57	Vertical
7	17924.9906	36.25	18.71	54.96	74.00	-19.04	Vertical

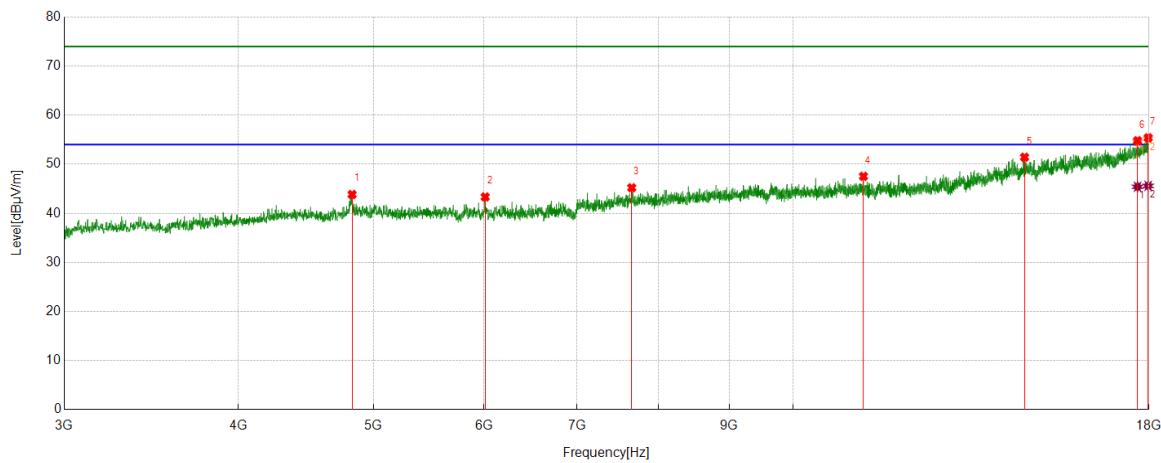
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17683.0854	28.41	17.38	45.79	54.00	-8.21	Vertical
2	17924.9906	26.47	18.71	45.18	54.00	-8.82	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	4826.4783	47.75	-3.91	43.84	74.00	-30.16	Horizontal
2	6013.5017	45.19	-1.85	43.34	74.00	-30.66	Horizontal
3	7659.9575	43.66	1.55	45.21	74.00	-28.79	Horizontal
4	11232.279	42.37	5.17	47.54	74.00	-26.46	Horizontal
5	14656.4571	39.76	11.67	51.43	74.00	-22.57	Horizontal
6	17662.4578	37.09	17.69	54.78	74.00	-19.22	Horizontal
7	17975.622	36.70	18.68	55.38	74.00	-18.62	Horizontal

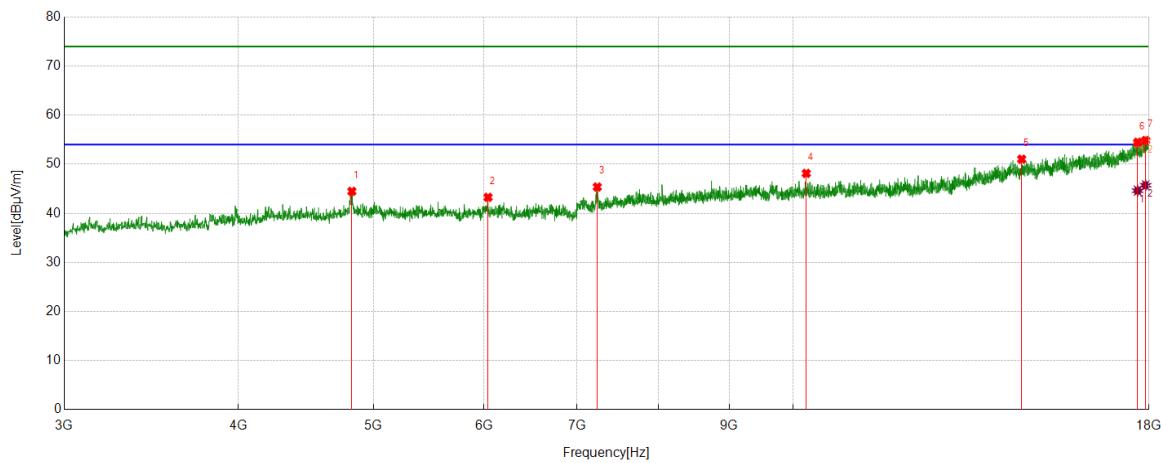
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17662.4578	27.72	17.69	45.41	54.00	-8.59	Horizontal
2	17975.622	26.91	18.68	45.59	54.00	-8.41	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	4824.6031	48.48	-4.00	44.48	74.00	-29.52	Vertical
2	6041.6302	45.32	-2.06	43.26	74.00	-30.74	Vertical
3	7236.1545	45.29	0.08	45.37	74.00	-28.63	Vertical
4	10219.6525	43.75	4.39	48.14	74.00	-25.86	Vertical
5	14587.0734	38.86	12.17	51.03	74.00	-22.97	Vertical
6	17666.2083	36.90	17.57	54.47	74.00	-19.53	Vertical
7	17902.4878	35.62	19.23	54.85	74.00	-19.15	Vertical

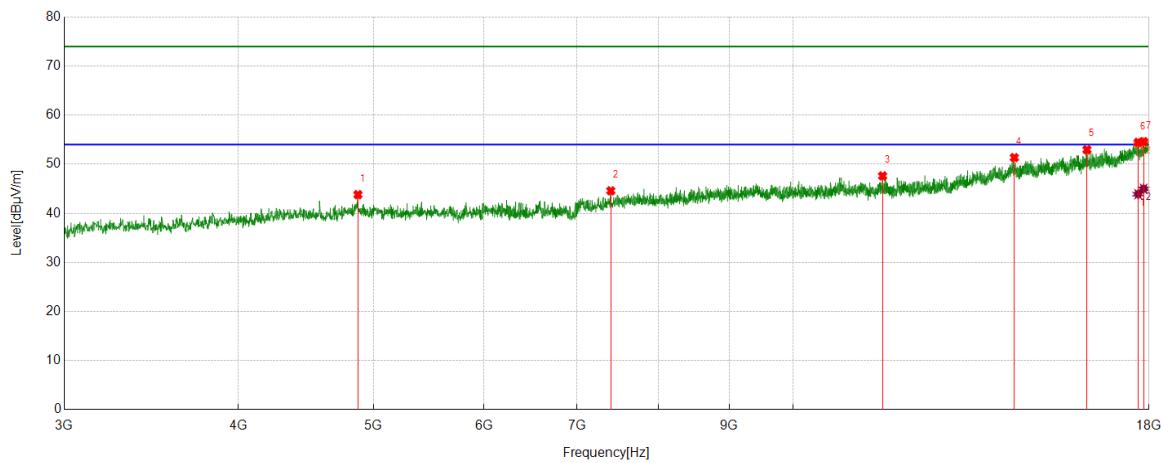
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17666.2083	27.04	17.57	44.61	54.00	-9.39	Vertical
2	17902.4878	26.48	19.23	45.71	54.00	-8.29	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	4873.3592	47.43	-3.62	43.81	74.00	-30.19	Horizontal
2	7399.2999	44.32	0.27	44.59	74.00	-29.41	Horizontal
3	11592.324	42.25	5.37	47.62	74.00	-26.38	Horizontal
4	14410.8014	39.85	11.51	51.36	74.00	-22.64	Horizontal
5	16246.6558	38.63	14.33	52.96	74.00	-21.04	Horizontal
6	17679.3349	37.14	17.32	54.46	74.00	-19.54	Horizontal
7	17842.4803	36.04	18.56	54.60	74.00	-19.40	Horizontal

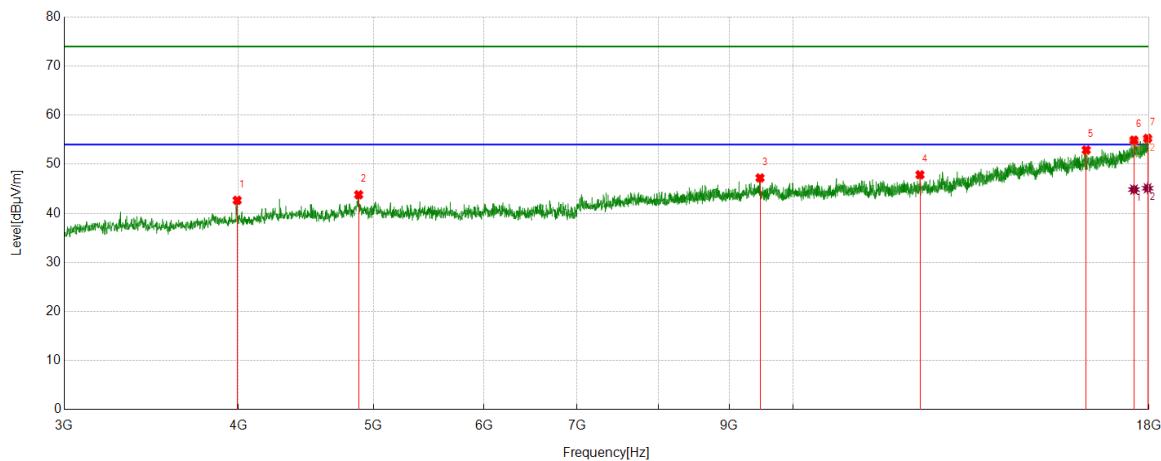
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17679.3349	26.59	17.32	43.91	54.00	-10.09	Horizontal
2	17842.4803	26.44	18.56	45.00	54.00	-9.00	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	3991.999	49.72	-7.07	42.65	74.00	-31.35	Vertical
2	4878.9849	47.29	-3.50	43.79	74.00	-30.21	Vertical
3	9467.6835	43.74	3.47	47.21	74.00	-26.79	Vertical
4	12331.1664	40.94	6.91	47.85	74.00	-26.15	Vertical
5	16227.9035	38.54	14.35	52.89	74.00	-21.11	Vertical
6	17559.3199	37.70	17.21	54.91	74.00	-19.09	Vertical
7	17958.7448	36.81	18.45	55.26	74.00	-18.74	Vertical

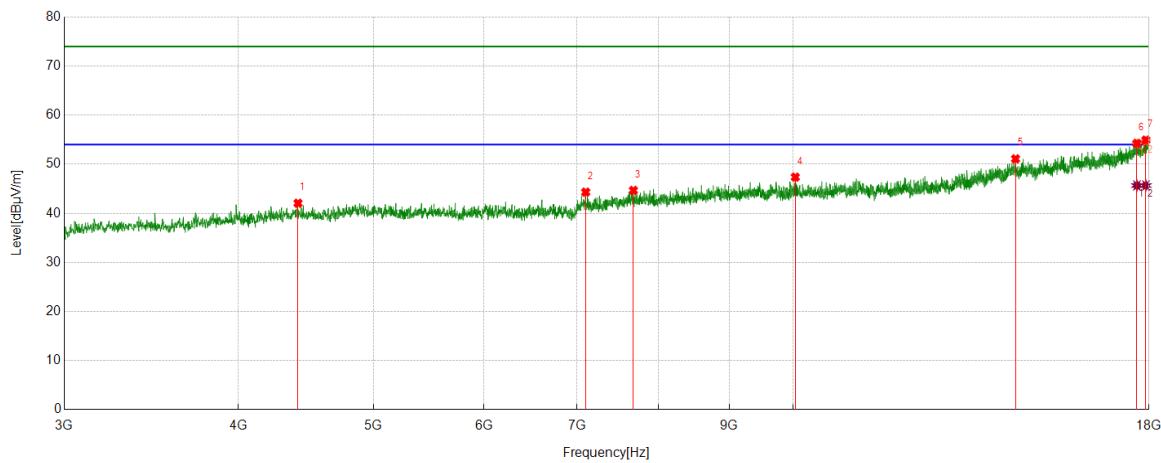
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17559.3199	27.63	17.21	44.84	54.00	-9.16	Vertical
2	17958.7448	26.66	18.45	45.11	54.00	-8.89	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	4413.9267	47.47	-5.41	42.06	74.00	-31.94	Horizontal
2	7099.2624	44.07	0.25	44.32	74.00	-29.68	Horizontal
3	7680.5851	43.41	1.26	44.67	74.00	-29.33	Horizontal
4	10035.8795	43.23	4.15	47.38	74.00	-26.62	Horizontal
5	14438.9299	39.43	11.67	51.10	74.00	-22.90	Horizontal
6	17645.5807	36.47	17.78	54.25	74.00	-19.75	Horizontal
7	17908.1135	35.84	19.08	54.92	74.00	-19.08	Horizontal

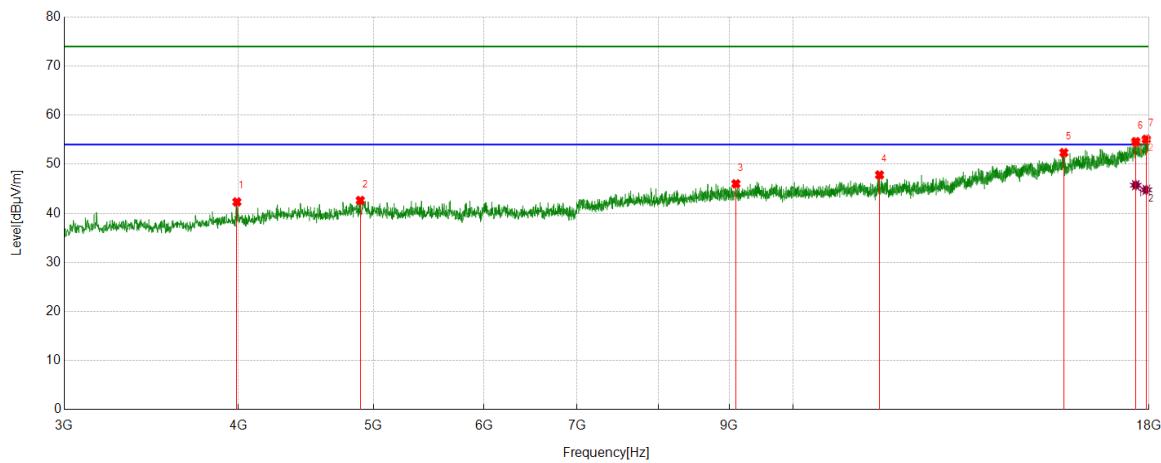
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17645.5807	27.89	17.78	45.67	54.00	-8.33	Horizontal
2	17908.1135	26.59	19.08	45.67	54.00	-8.33	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	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3990.1238	49.43	-7.11	42.32	74.00	-31.68	Vertical
2	4892.1115	46.19	-3.56	42.63	74.00	-31.37	Vertical
3	9098.2623	42.97	3.05	46.02	74.00	-27.98	Vertical
4	11534.1918	41.96	5.86	47.82	74.00	-26.18	Vertical
5	15639.0799	39.05	13.31	52.36	74.00	-21.64	Vertical
6	17611.8265	36.99	17.61	54.60	74.00	-19.40	Vertical
7	17921.2402	36.38	18.71	55.09	74.00	-18.91	Vertical

AV Result:

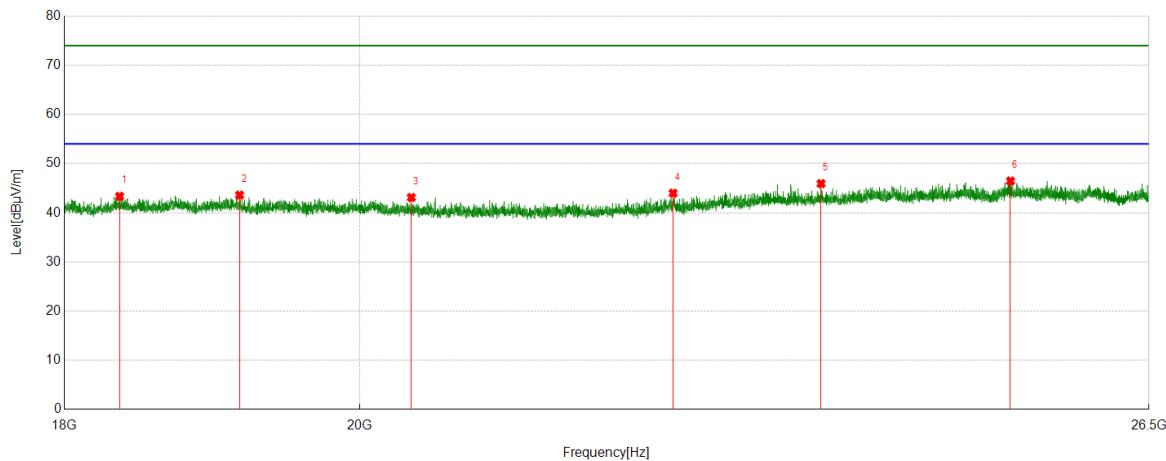
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17611.8265	28.13	17.61	45.74	54.00	-8.26	Vertical
2	17921.2402	26.07	18.71	44.78	54.00	-9.22	Vertical

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

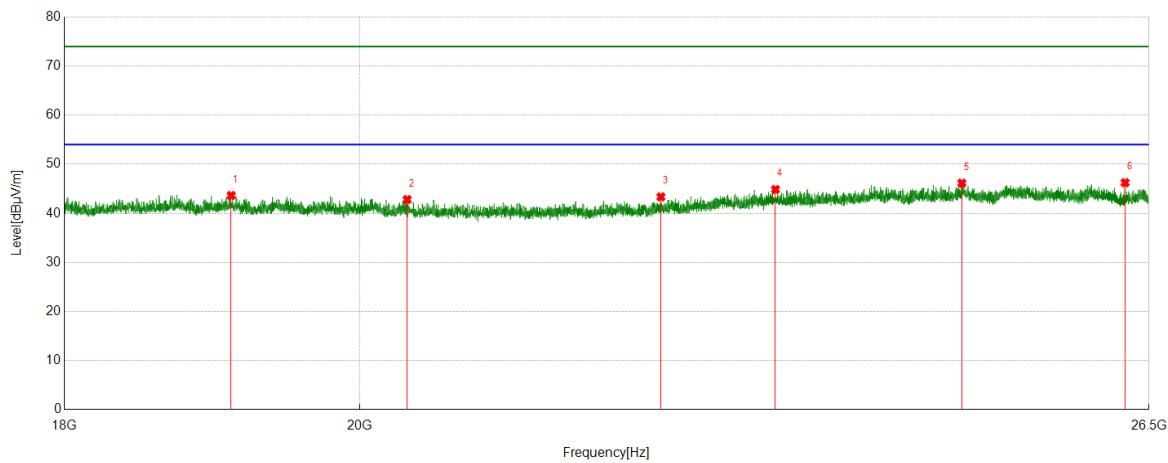

PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	18358.7359	50.04	-6.70	43.34	74.00	-30.66	Horizontal
2	19161.2161	49.41	-5.81	43.60	74.00	-30.40	Horizontal
3	20371.7372	48.62	-5.51	43.11	74.00	-30.89	Horizontal
4	22364.3364	49.00	-5.02	43.98	74.00	-30.02	Horizontal
5	23575.7076	49.04	-3.11	45.93	74.00	-28.07	Horizontal
6	25223.1723	49.83	-3.38	46.45	74.00	-27.55	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

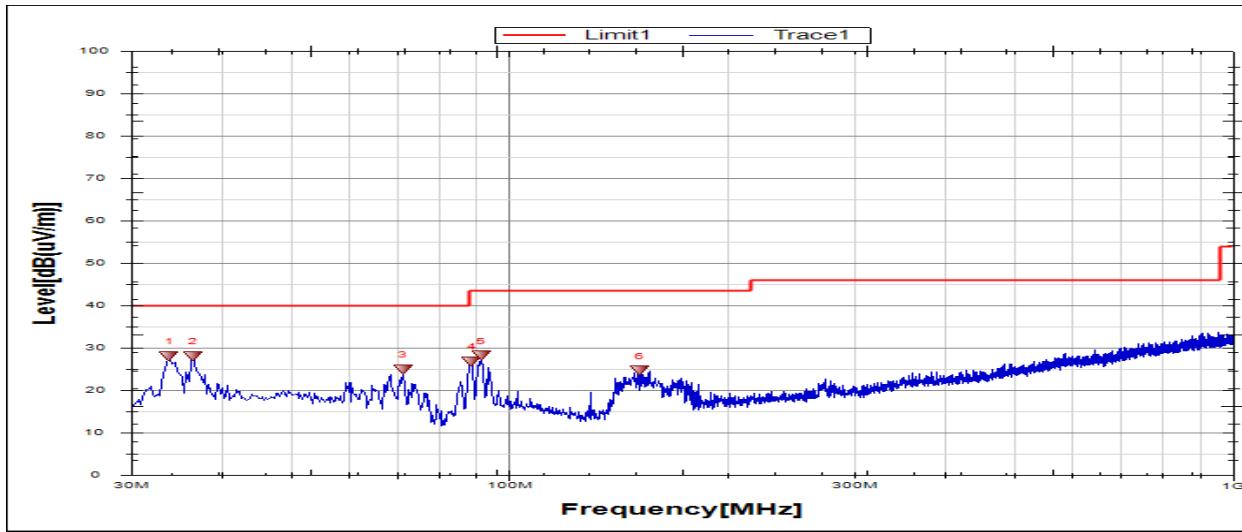

PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	19104.2604	49.53	-5.90	43.63	74.00	-30.37	Vertical
2	20341.1341	48.29	-5.48	42.81	74.00	-31.19	Vertical
3	22267.4267	48.60	-5.24	43.36	74.00	-30.64	Vertical
4	23195.7196	48.26	-3.41	44.85	74.00	-29.15	Vertical
5	24789.629	49.46	-3.31	46.15	74.00	-27.85	Vertical
6	26275.5776	48.53	-2.29	46.24	74.00	-27.76	Vertical

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

Part 4: 30MHz~1GHz
SPURIOUS EMISSIONS 30M TO 1GHz (WORST-CASE CONFIGURATION)

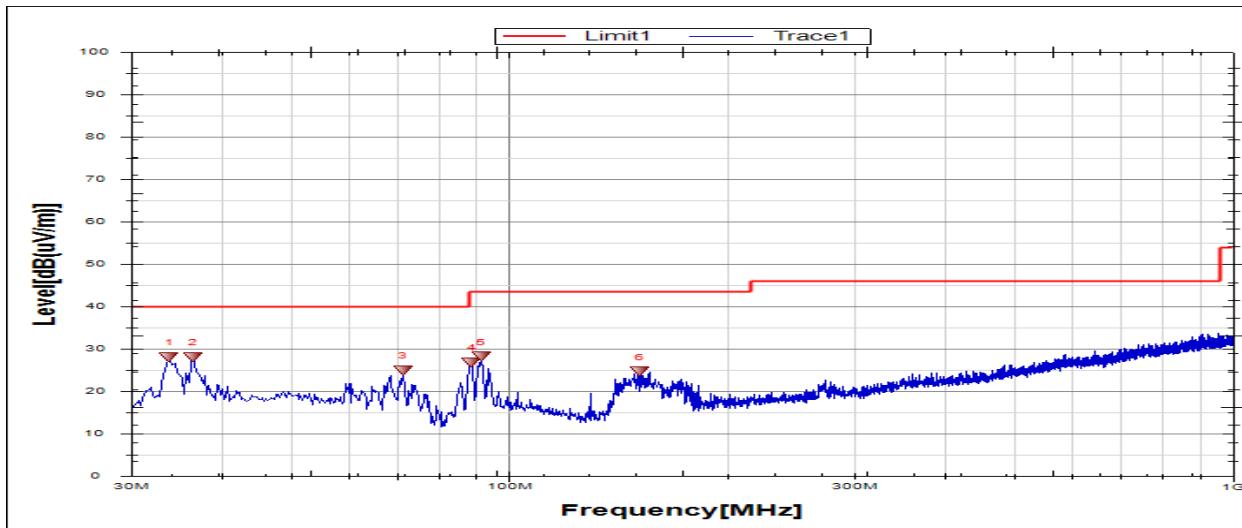
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	34.1235	8.74	18.26	27.00	40.0	-13.00	Horizontal
2	35.8215	4.76	18.75	23.51	40.0	-16.49	Horizontal
3	88.4572	6.40	16.37	22.77	43.5	-20.73	Horizontal
4	90.8828	5.10	17.03	22.13	43.5	-21.37	Horizontal
5	159.7701	5.71	15.88	21.59	43.5	-21.91	Horizontal
6	168.5023	3.65	16.19	19.84	43.5	-23.66	Horizontal

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

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS

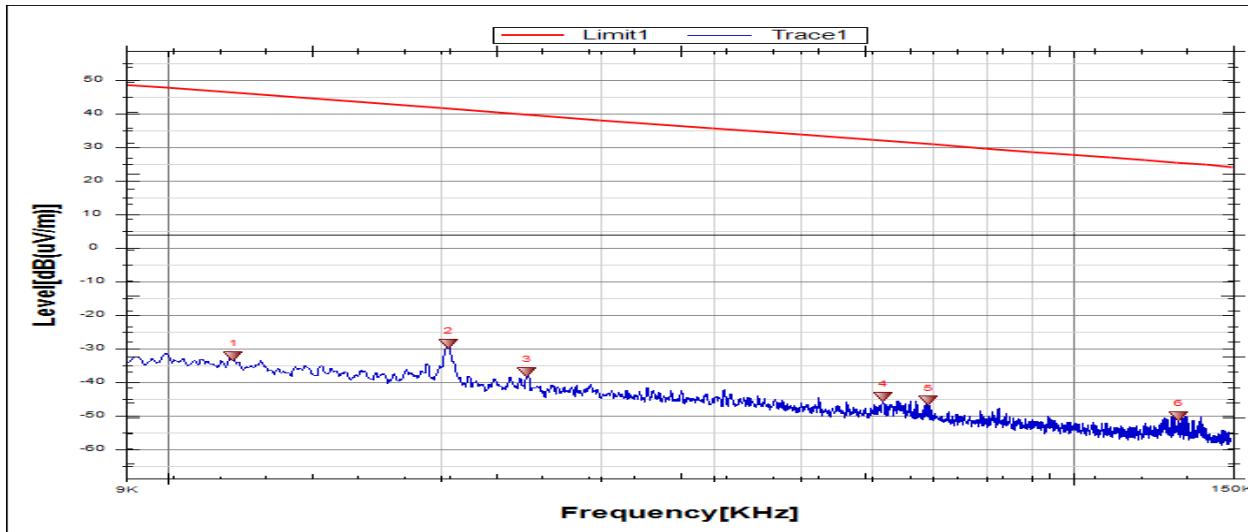


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	33.881	9.91	18.20	28.11	40.0	-11.89	Vertical
2	36.5491	9.23	18.95	28.18	40.0	-11.82	Vertical
3	71.2354	8.94	16.00	24.94	40.0	-15.06	Vertical
4	88.6998	10.39	16.44	26.83	43.5	-16.67	Vertical
5	91.3679	11.10	17.12	28.22	43.5	-15.28	Vertical
6	151.2805	9.27	15.45	24.72	43.5	-18.78	Vertical

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

Part 5: 9kHz~30MHz
SPURIOUS EMISSIONS Below 30MHz (WORST CASE CONFIGURATION-FACE ON)

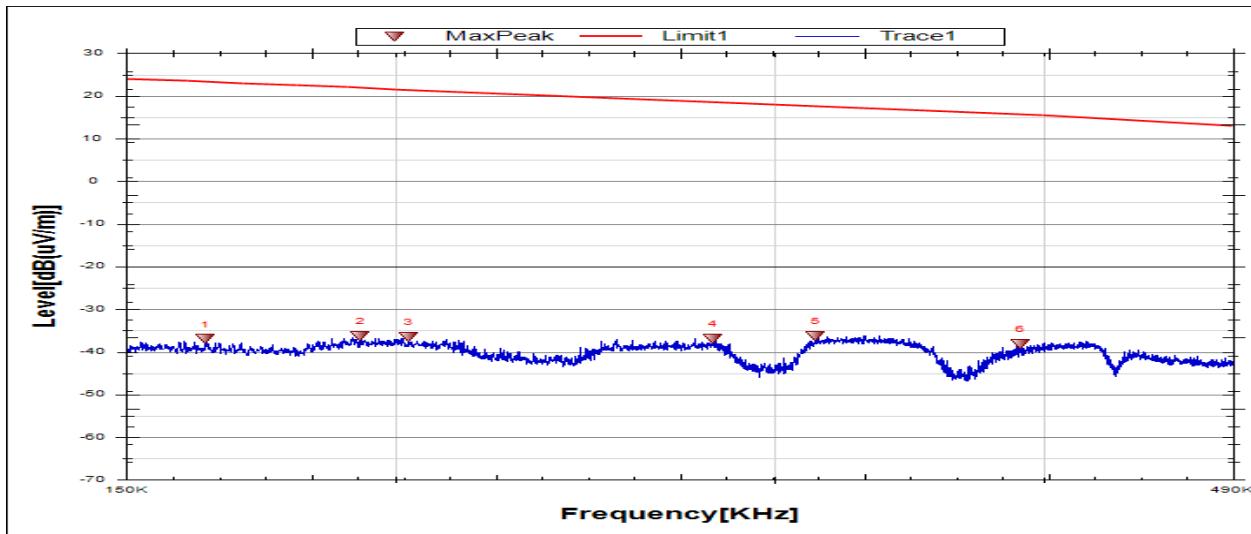
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9kHz~150kHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.0118	29.66	-61.89	-32.23	46.52	-83.73	-4.98	-78.75	Peak
2	0.0204	33.31	-61.81	-28.50	41.44	-80.00	-10.06	-69.94	Peak
3	0.0249	24.81	-61.76	-36.95	39.86	-88.45	-11.64	-76.81	Peak
4	0.0616	17.43	-61.75	-44.32	31.83	-95.82	-19.67	-76.15	Peak
5	0.0692	16.24	-61.77	-45.53	30.83	-97.03	-20.67	-76.36	Peak
6	0.1307	11.76	-61.83	-50.07	25.28	-101.57	-26.22	-75.35	Peak

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

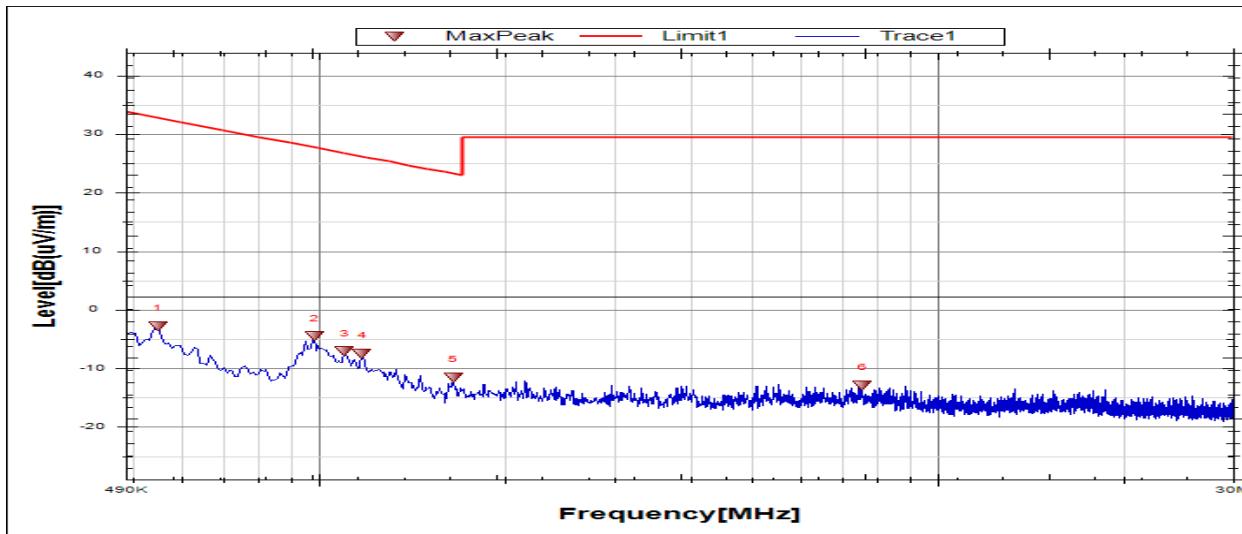
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150kHz~490kHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.1631	24.85	-61.84	-36.99	23.36	-88.49	-28.14	-60.35	Peak
2	0.1926	25.58	-61.86	-36.28	21.91	-87.78	-29.59	-58.19	Peak
3	0.2028	25.35	-61.86	-36.51	21.48	-88.01	-30.02	-57.99	Peak
4	0.2808	25.07	-61.90	-36.83	18.74	-88.33	-32.76	-55.57	Peak
5	0.3135	25.67	-61.91	-36.24	17.72	-87.74	-33.78	-53.96	Peak
6	0.3902	23.85	-61.89	-38.04	15.81	-89.54	-35.69	-53.85	Peak

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

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



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.549	19.11	-21.87	-2.76	32.86	-54.26	-18.64	-35.62	Peak
2	0.9844	17.35	-21.85	-4.50	27.74	-56.00	-23.76	-32.24	Peak
3	1.1025	14.78	-21.85	-7.07	26.76	-58.57	-24.74	-33.83	Peak
4	1.1762	14.42	-21.84	-7.42	26.20	-58.92	-25.30	-33.62	Peak
5	1.6485	10.30	-21.83	-11.53	23.27	-63.03	-28.23	-34.80	Peak
6	7.5665	8.83	-21.7	-12.87	29.54	-64.37	-21.96	-42.41	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.

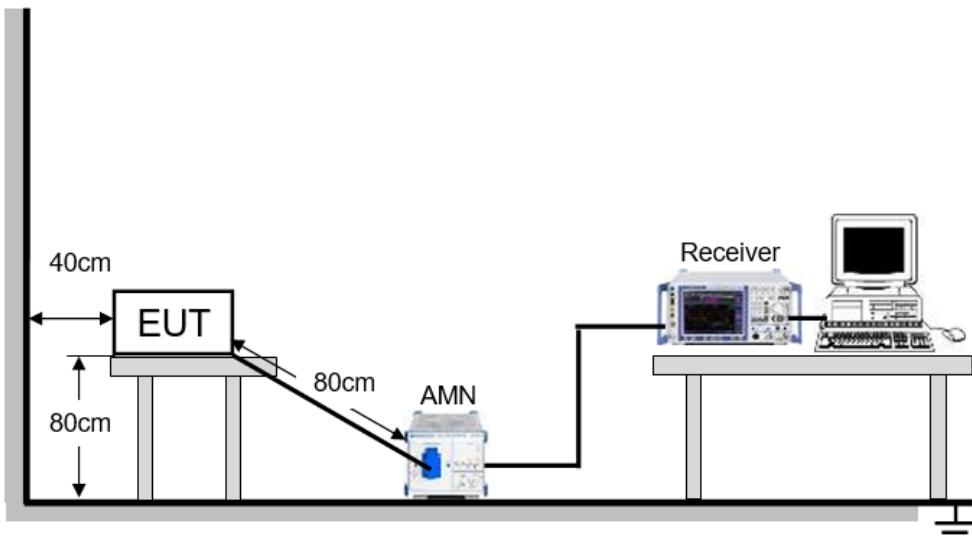
9. AC POWER LINE CONDUCTED EMISSIONS

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

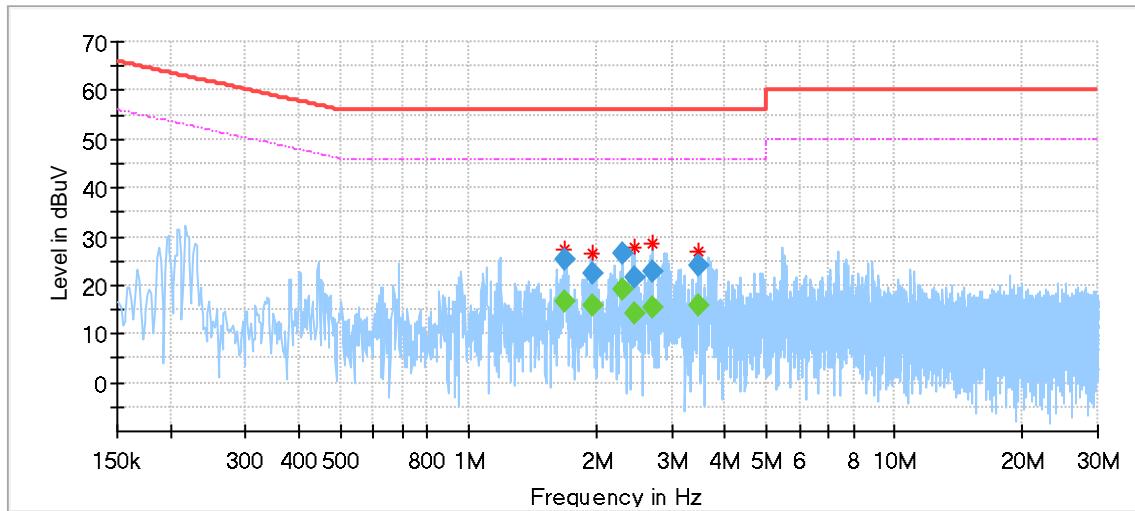


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver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

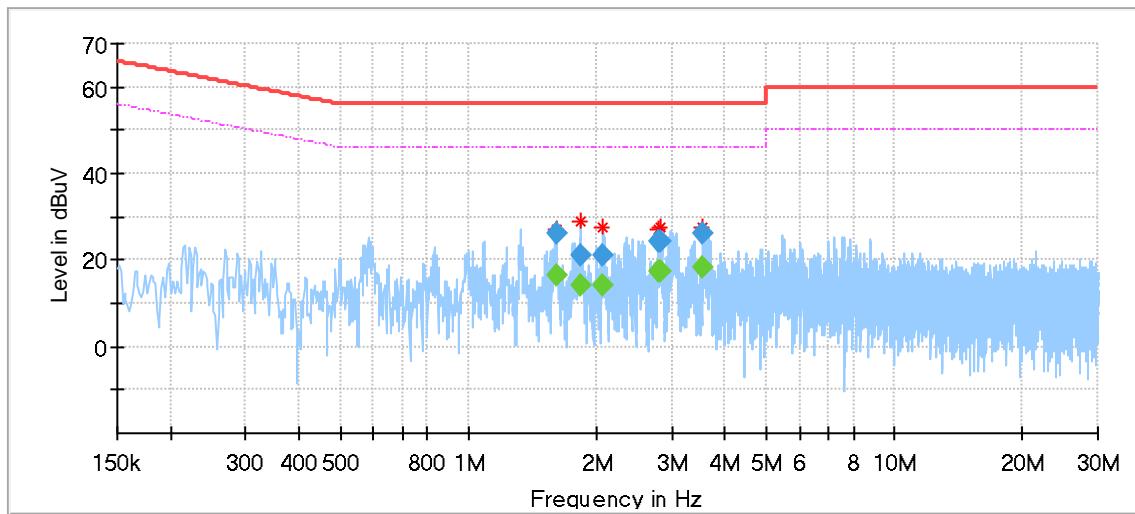
Temperature	22°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

LINE L RESULTS (WORST-CASE CONFIGURATION)

Final Result

Frequency [MHz]	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
1.681305	---	16.70	46.00	29.30	1000.0	9.000	L1	OFF	9.6
1.681305	25.39	---	56.00	30.61	1000.0	9.000	L1	OFF	9.6
1.946970	---	15.98	46.00	30.02	1000.0	9.000	L1	OFF	9.6
1.946970	22.57	---	56.00	33.43	1000.0	9.000	L1	OFF	9.6
2.306663	---	19.30	46.00	26.70	1000.0	9.000	L1	OFF	9.6
2.306663	26.46	---	56.00	29.54	1000.0	9.000	L1	OFF	9.6
2.455913	---	14.27	46.00	31.73	1000.0	9.000	L1	OFF	9.6
2.455913	21.61	---	56.00	34.39	1000.0	9.000	L1	OFF	9.6
2.696205	---	15.52	46.00	30.48	1000.0	9.000	L1	OFF	9.6
2.696205	22.91	---	56.00	33.09	1000.0	9.000	L1	OFF	9.6
3.478275	---	15.72	46.00	30.29	1000.0	9.000	L1	OFF	9.6
3.478275	23.98	---	56.00	32.02	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]
1.608173	---	16.28	46.00	29.72	1000.0	9.000	N	OFF	9.6
1.608173	26.11	---	56.00	29.89	1000.0	9.000	N	OFF	9.6
1.833540	---	14.18	46.00	31.82	1000.0	9.000	N	OFF	9.6
1.833540	20.88	---	56.00	35.12	1000.0	9.000	N	OFF	9.6
2.075325	---	14.25	46.00	31.75	1000.0	9.000	N	OFF	9.6
2.075325	21.15	---	56.00	34.85	1000.0	9.000	N	OFF	9.6
2.806650	---	17.18	46.00	28.82	1000.0	9.000	N	OFF	9.6
2.806650	24.30	---	56.00	31.70	1000.0	9.000	N	OFF	9.6
2.829038	---	17.29	46.00	28.71	1000.0	9.000	N	OFF	9.6
2.829038	24.26	---	56.00	31.74	1000.0	9.000	N	OFF	9.6
3.557378	---	18.49	46.00	27.51	1000.0	9.000	N	OFF	9.6
3.557378	25.98	---	56.00	30.02	1000.0	9.000	N	OFF	9.6

Note:

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

10. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

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

Please refer to FCC §15.247(b)(4)

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

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT