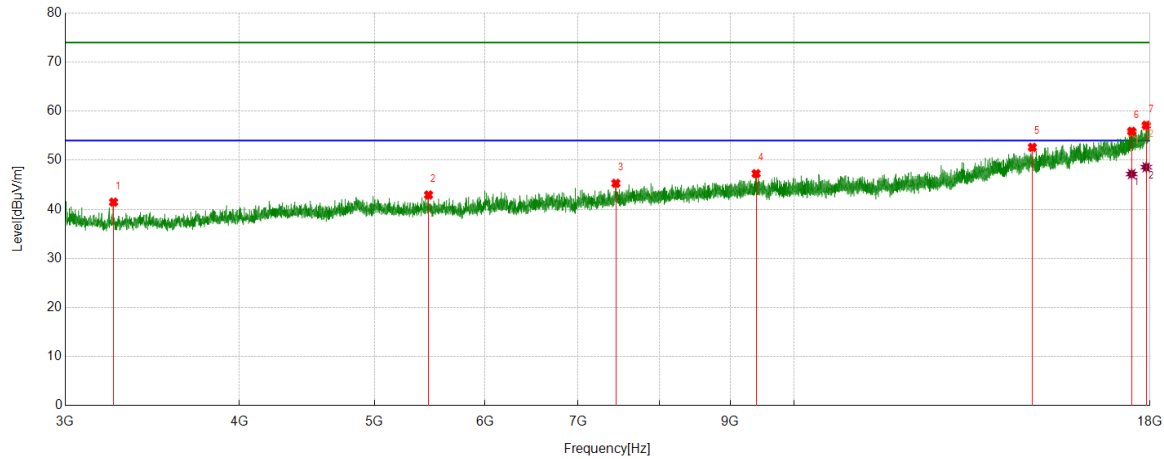


Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

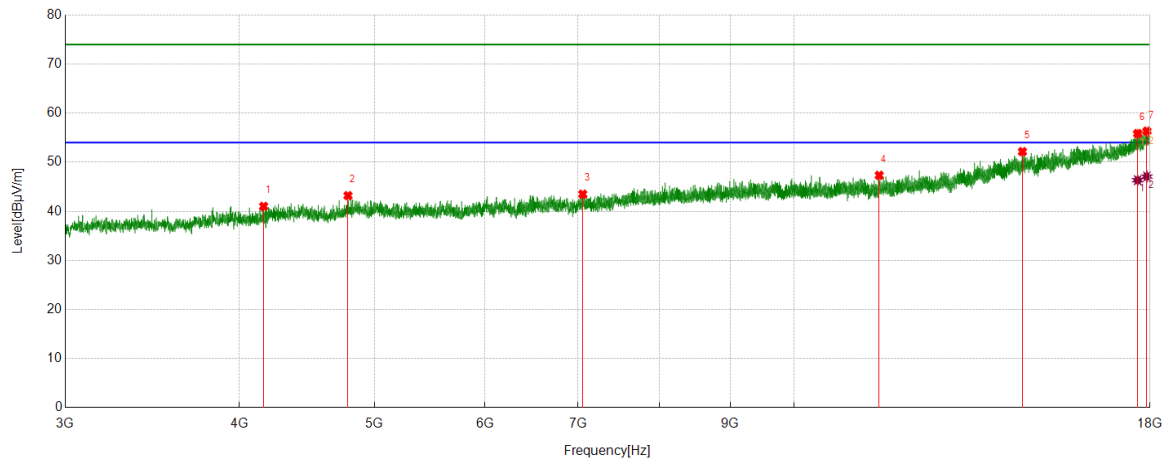
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3249.1805	51.11	-9.65	41.46	74.00	-32.54	Vertical
2	5466.8037	45.64	-2.72	42.92	74.00	-31.08	Vertical
3	7449.4139	44.31	0.98	45.29	74.00	-28.71	Vertical
4	9391.1884	43.98	3.29	47.27	74.00	-26.73	Vertical
5	14821.4901	40.54	12.09	52.63	74.00	-21.37	Vertical
6	17463.3035	38.49	17.40	55.89	74.00	-18.11	Vertical
7	17889.9939	37.87	19.25	57.12	74.00	-16.88	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17463.3035	29.80	17.40	47.20	54.00	-6.80	Vertical
2	17889.9939	29.33	19.25	48.58	54.00	-5.42	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
11B	MCH	Horizontal	PASS



PK Result:

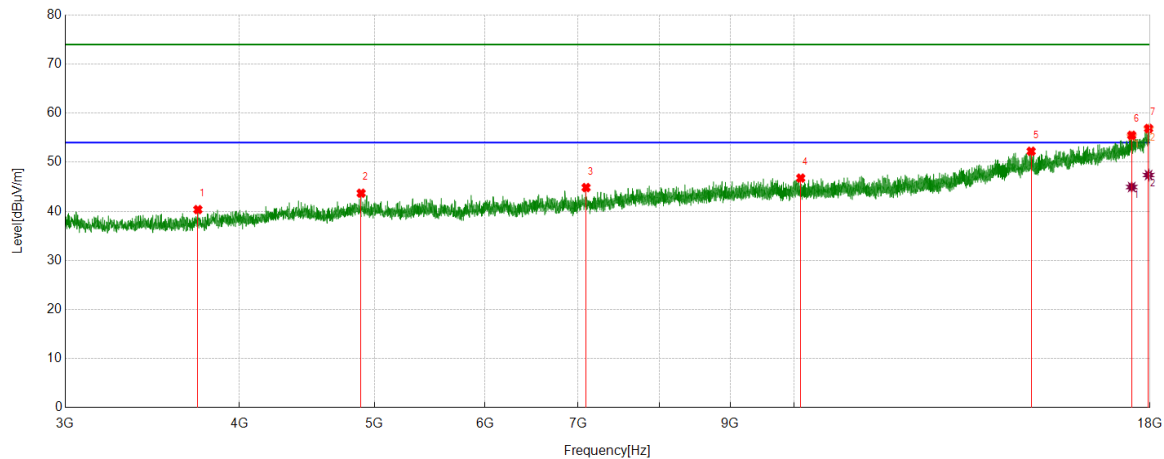
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	4163.398	47.53	-6.51	41.02	74.00	-32.98	Horizontal
2	4785.9326	46.77	-3.57	43.20	74.00	-30.80	Horizontal
3	7052.7252	43.29	0.21	43.50	74.00	-30.50	Horizontal
4	11507.9727	40.96	6.37	47.33	74.00	-26.67	Horizontal
5	14581.4767	39.83	12.33	52.16	74.00	-21.84	Horizontal
6	17637.4799	38.16	17.69	55.85	74.00	-18.15	Horizontal
7	17909.995	37.29	19.04	56.33	74.00	-17.67	Horizontal

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17637.4799	28.65	17.69	46.34	54.00	-7.66	Horizontal
2	17909.995	28.05	19.04	47.09	54.00	-6.91	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:

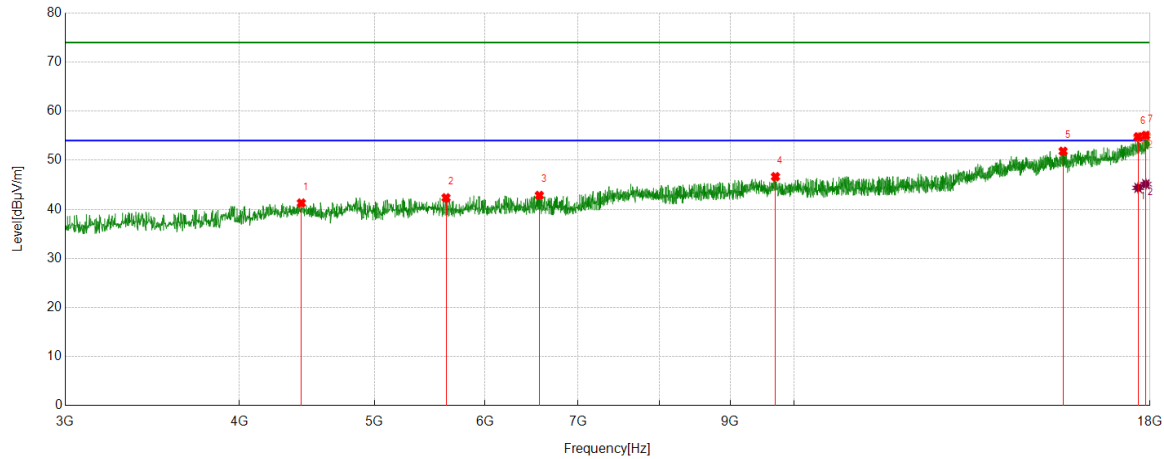
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3735.0408	48.31	-7.96	40.35	74.00	-33.65	Vertical
2	4890.9384	47.22	-3.53	43.69	74.00	-30.31	Vertical
3	7091.894	44.71	0.13	44.84	74.00	-29.16	Vertical
4	10109.5616	42.89	3.88	46.77	74.00	-27.23	Vertical
5	14791.4884	40.44	11.79	52.23	74.00	-21.77	Vertical
6	17464.9703	38.08	17.41	55.49	74.00	-18.51	Vertical
7	17958.331	38.43	18.44	56.87	74.00	-17.13	Vertical

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17464.9703	27.54	17.41	44.95	54.00	-9.05	Vertical
2	17958.331	28.95	18.44	47.39	54.00	-6.61	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:

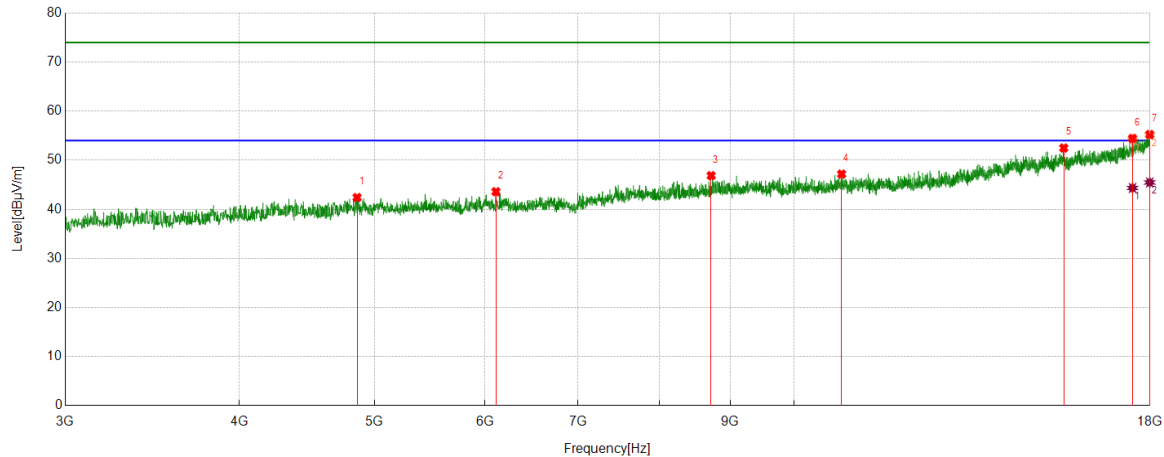
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4430.8038	46.70	-5.42	41.28	74.00	-32.72	Horizontal
2	5627.2034	44.50	-2.15	42.35	74.00	-31.65	Horizontal
3	6564.8206	43.93	-1.10	42.83	74.00	-31.17	Horizontal
4	9696.4621	43.09	3.56	46.65	74.00	-27.35	Horizontal
5	15594.0743	38.73	13.10	51.83	74.00	-22.17	Horizontal
6	17649.3312	37.03	17.74	54.77	74.00	-19.23	Horizontal
7	17878.1098	36.11	18.96	55.07	74.00	-18.93	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17649.3312	26.64	17.74	44.38	54.00	-9.62	Horizontal
2	17878.1098	26.18	18.96	45.14	54.00	-8.86	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:

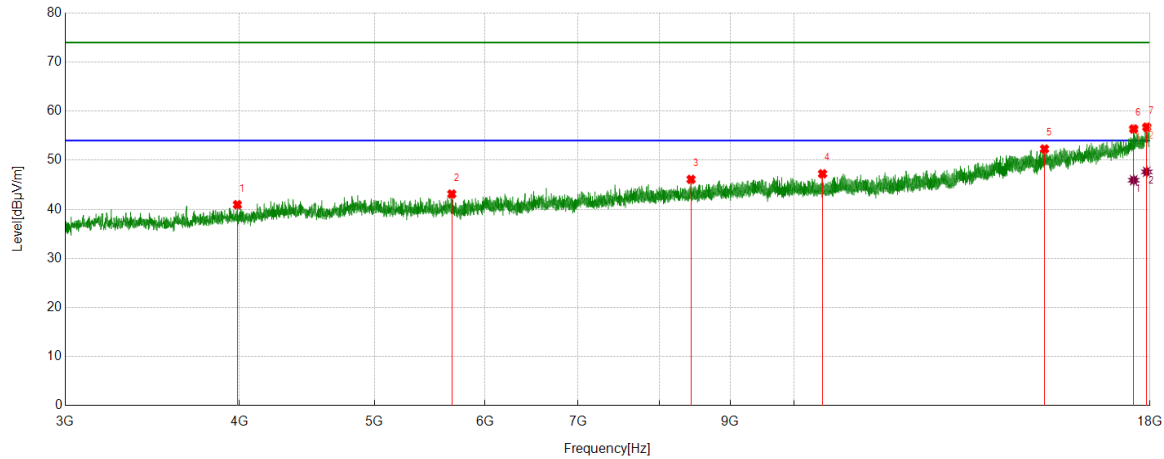
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4858.3573	46.08	-3.68	42.40	74.00	-31.60	Vertical
2	6111.0139	45.84	-2.25	43.59	74.00	-30.41	Vertical
3	8719.4649	44.47	2.39	46.86	74.00	-27.14	Vertical
4	10815.977	42.92	4.26	47.18	74.00	-26.82	Vertical
5	15610.9514	39.05	13.44	52.49	74.00	-21.51	Vertical
6	17488.061	37.52	16.93	54.45	74.00	-19.55	Vertical
7	17992.4991	36.61	18.63	55.24	74.00	-18.76	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17488.061	27.42	16.93	44.35	54.00	-9.65	Vertical
2	17992.4991	26.84	18.63	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
11G	LCH	Horizontal	PASS



PK Result:

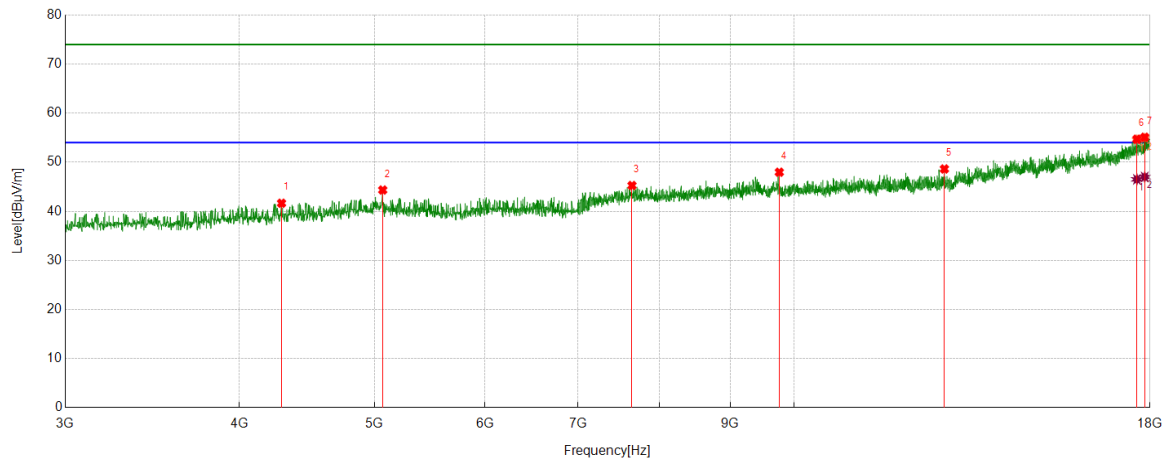
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3986.7215	47.94	-6.99	40.95	74.00	-33.05	Horizontal
2	5680.9823	45.92	-2.80	43.12	74.00	-30.88	Horizontal
3	8434.4686	44.04	2.06	46.10	74.00	-27.90	Horizontal
4	10480.4156	43.64	3.60	47.24	74.00	-26.76	Horizontal
5	15122.3401	40.53	11.77	52.30	74.00	-21.70	Horizontal
6	17522.4735	39.38	16.99	56.37	74.00	-17.63	Horizontal
7	17905.8281	37.60	19.15	56.75	74.00	-17.25	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17522.4735	28.94	16.99	45.93	54.00	-8.07	Horizontal
2	17905.8281	28.49	19.15	47.64	54.00	-6.36	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:

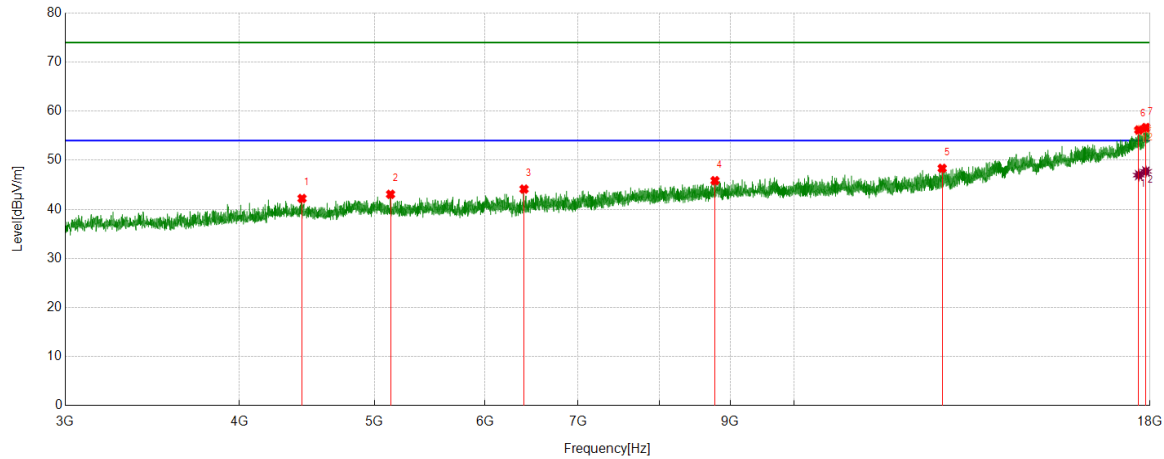
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4288.286	46.92	-5.27	41.65	74.00	-32.35	Vertical
2	5068.3835	47.48	-3.14	44.34	74.00	-29.66	Vertical
3	7650.5813	43.94	1.32	45.26	74.00	-28.74	Vertical
4	9758.3448	44.60	3.37	47.97	74.00	-26.03	Vertical
5	12816.8521	41.40	7.23	48.63	74.00	-25.37	Vertical
6	17615.5769	37.07	17.63	54.70	74.00	-19.30	Vertical
7	17844.3555	36.51	18.58	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	17615.5769	28.88	17.63	46.51	54.00	-7.49	Vertical
2	17844.3555	28.42	18.58	47.00	54.00	-7.00	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:

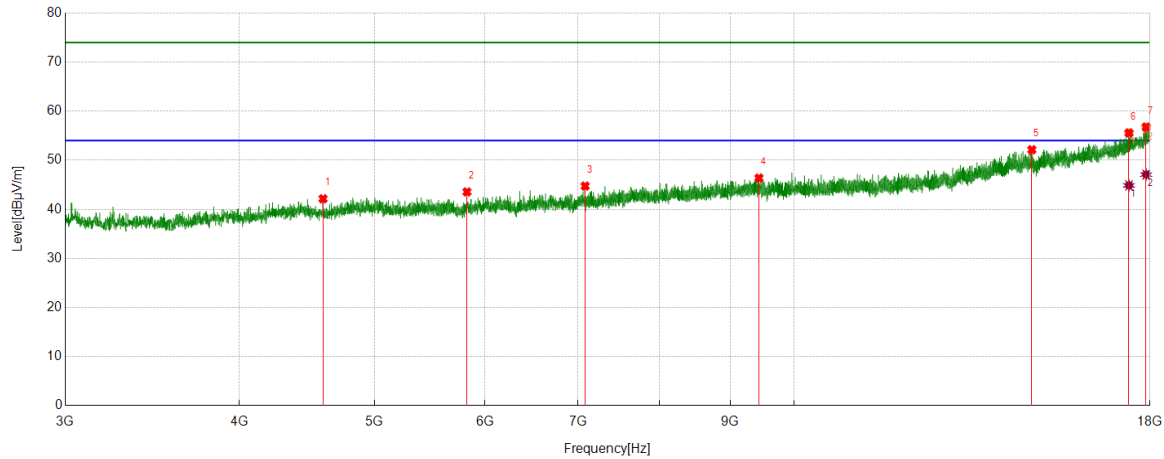
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4435.9131	47.47	-5.26	42.21	74.00	-31.79	Horizontal
2	5134.2852	46.62	-3.56	43.06	74.00	-30.94	Horizontal
3	6401.0223	45.91	-1.79	44.12	74.00	-29.88	Horizontal
4	8774.4875	43.20	2.64	45.84	74.00	-28.16	Horizontal
5	12770.5428	41.21	7.14	48.35	74.00	-25.65	Horizontal
6	17669.9817	38.73	17.44	56.17	74.00	-17.83	Horizontal
7	17879.9933	37.64	19.02	56.66	74.00	-17.34	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17669.9817	29.53	17.44	46.97	54.00	-7.03	Horizontal
2	17879.9933	28.71	19.02	47.73	54.00	-6.27	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:

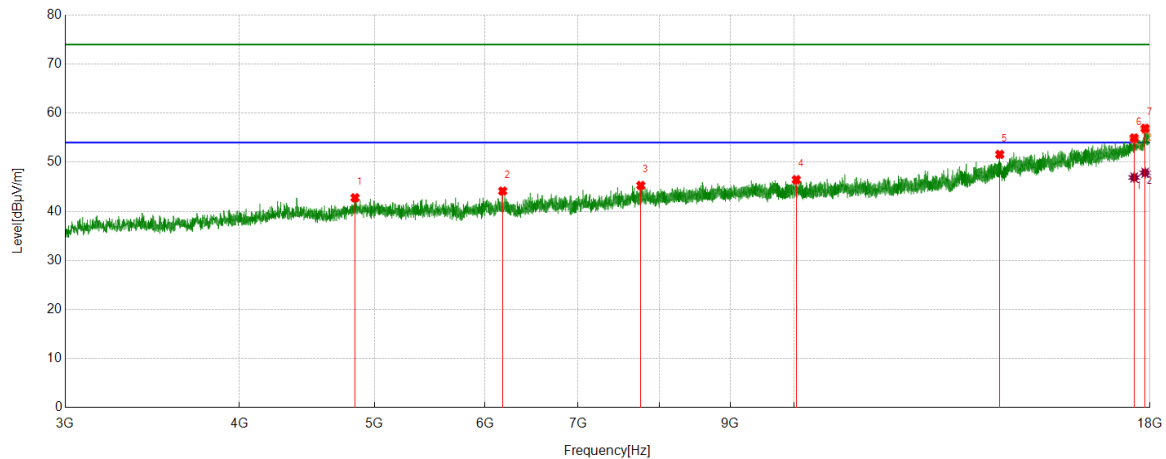
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4592.5885	47.64	-5.49	42.15	74.00	-31.85	Vertical
2	5825.157	46.26	-2.71	43.55	74.00	-30.45	Vertical
3	7081.0601	44.69	0.05	44.74	74.00	-29.26	Vertical
4	9435.3575	42.77	3.60	46.37	74.00	-27.63	Vertical
5	14809.8228	40.33	11.81	52.14	74.00	-21.86	Vertical
6	17386.6326	39.21	16.36	55.57	74.00	-18.43	Vertical
7	17885.827	37.61	19.16	56.77	74.00	-17.23	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17386.6326	28.52	16.36	44.88	54.00	-9.12	Vertical
2	17885.827	27.92	19.16	47.08	54.00	-6.92	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:

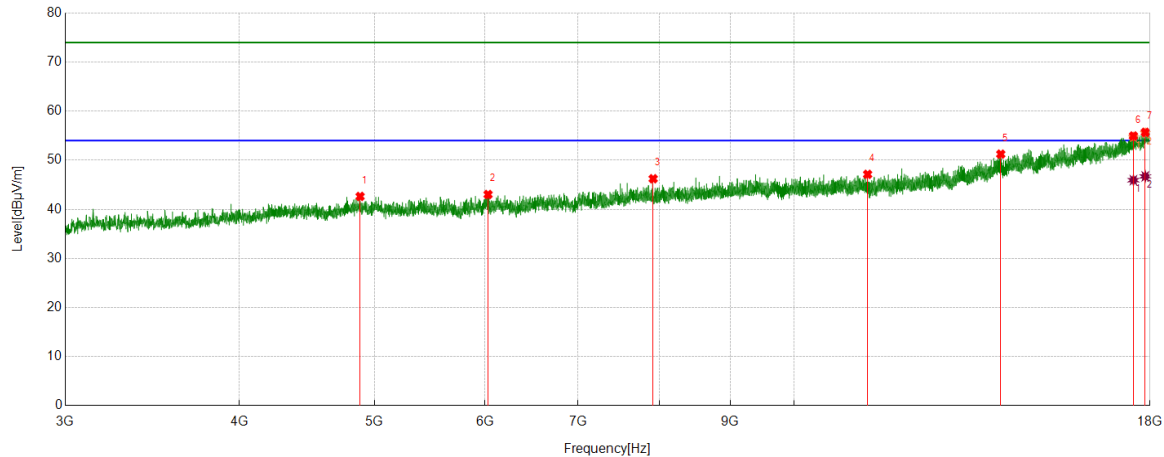
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	4841.769	46.42	-3.66	42.76	74.00	-31.24	Horizontal
2	6179.3433	46.01	-1.88	44.13	74.00	-29.87	Horizontal
3	7762.7646	43.89	1.38	45.27	74.00	-28.73	Horizontal
4	10036.2242	42.29	4.15	46.44	74.00	-27.56	Horizontal
5	14044.7803	40.60	10.99	51.59	74.00	-22.41	Horizontal
6	17534.9742	38.32	16.62	54.94	74.00	-19.06	Horizontal
7	17855.8253	38.09	18.81	56.90	74.00	-17.10	Horizontal

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17534.9742	30.27	16.62	46.89	54.00	-7.11	Horizontal
2	17855.8253	29.04	18.81	47.85	54.00	-6.15	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:

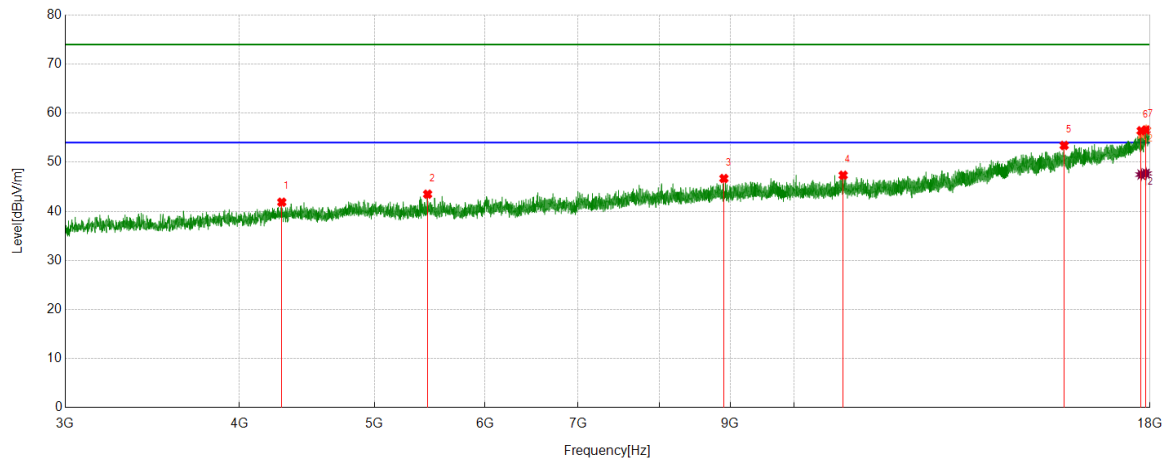
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4882.6046	46.12	-3.49	42.63	74.00	-31.37	Vertical
2	6031.8351	44.78	-1.76	43.02	74.00	-30.98	Vertical
3	7922.7735	44.96	1.27	46.23	74.00	-27.77	Vertical
4	11291.294	41.82	5.31	47.13	74.00	-26.87	Vertical
5	14068.1149	39.94	11.30	51.24	74.00	-22.76	Vertical
6	17514.1397	37.76	17.19	54.95	74.00	-19.05	Vertical
7	17860.8256	36.80	18.89	55.69	74.00	-18.31	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17514.1397	28.75	17.19	45.94	54.00	-8.06	Vertical
2	17860.8256	27.82	18.89	46.71	54.00	-7.29	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
11AC VHT20	LCH	Horizontal	PASS



PK Result:

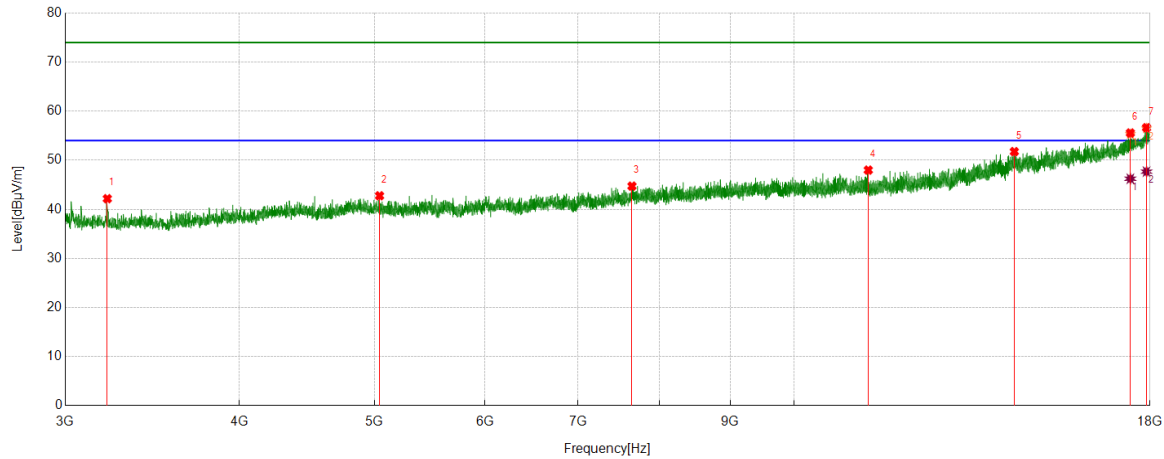
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4290.0717	47.16	-5.30	41.86	74.00	-32.14	Horizontal
2	5458.4699	45.96	-2.47	43.49	74.00	-30.51	Horizontal
3	8904.4947	43.96	2.73	46.69	74.00	-27.31	Horizontal
4	10843.7691	42.85	4.50	47.35	74.00	-26.65	Horizontal
5	15621.5345	40.03	13.39	53.42	74.00	-20.58	Horizontal
6	17741.6523	38.81	17.60	56.41	74.00	-18.09	Horizontal
7	17884.9936	37.45	19.13	56.58	74.00	-17.42	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17741.6523	29.89	17.60	47.49	54.00	-6.51	Horizontal
2	17884.9936	28.59	19.13	47.72	54.00	-6.28	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
11AC VHT20	LCH	Vertical	PASS



PK Result:

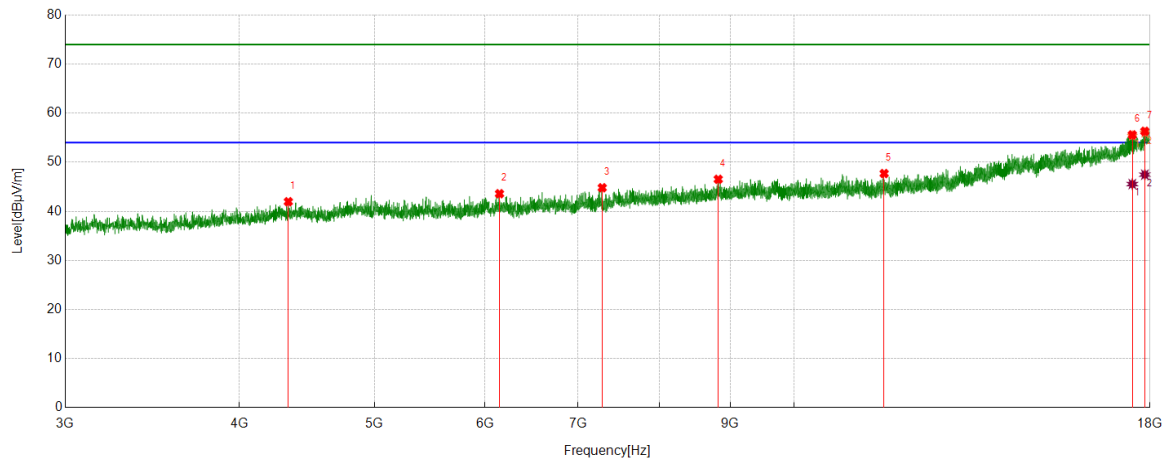
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3215.8453	51.54	-9.37	42.17	74.00	-31.83	Vertical
2	5041.7801	45.87	-3.11	42.76	74.00	-31.24	Vertical
3	7650.2583	43.41	1.32	44.73	74.00	-29.27	Vertical
4	11302.9613	42.63	5.36	47.99	74.00	-26.01	Vertical
5	14386.4659	40.21	11.55	51.76	74.00	-22.24	Vertical
6	17425.8014	38.81	16.74	55.55	74.00	-18.45	Vertical
7	17898.3277	37.35	19.28	56.63	74.00	-17.37	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17425.8014	29.49	16.74	46.23	54.00	-7.77	Vertical
2	17898.3277	28.40	19.28	47.68	54.00	-6.32	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
11AC VHT20	MCH	Horizontal	PASS



PK Result:

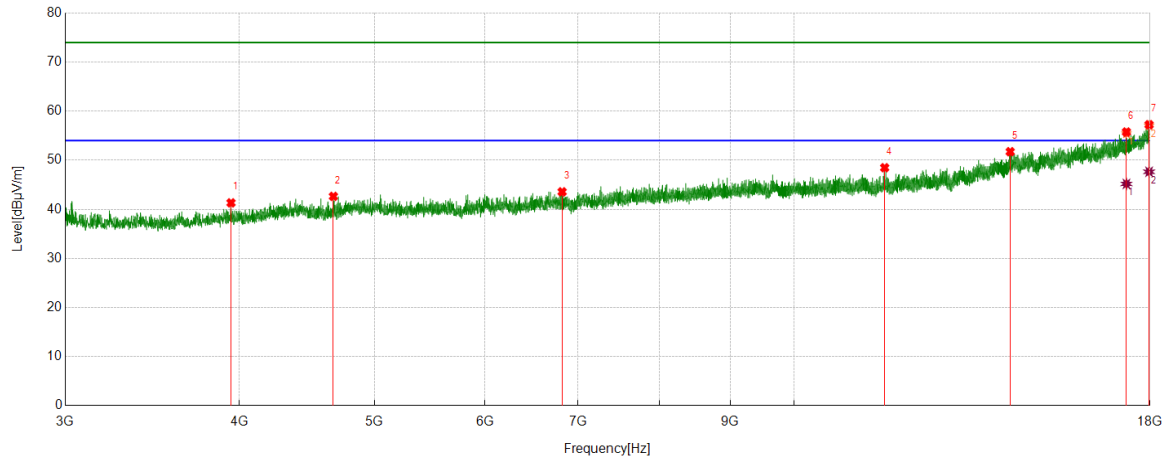
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4336.7409	47.54	-5.58	41.96	74.00	-32.04	Horizontal
2	6146.8415	45.80	-2.21	43.59	74.00	-30.41	Horizontal
3	7283.5713	44.89	-0.09	44.80	74.00	-29.20	Horizontal
4	8821.9901	44.07	2.46	46.53	74.00	-27.47	Horizontal
5	11602.9779	42.13	5.57	47.70	74.00	-26.30	Horizontal
6	17482.4712	38.46	17.11	55.57	74.00	-18.43	Horizontal
7	17848.3249	37.66	18.64	56.30	74.00	-17.70	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17482.4712	28.44	17.11	45.55	54.00	-8.45	Horizontal
2	17848.3249	28.83	18.64	47.47	54.00	-6.53	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
11AC VHT20	MCH	Vertical	PASS



PK Result:

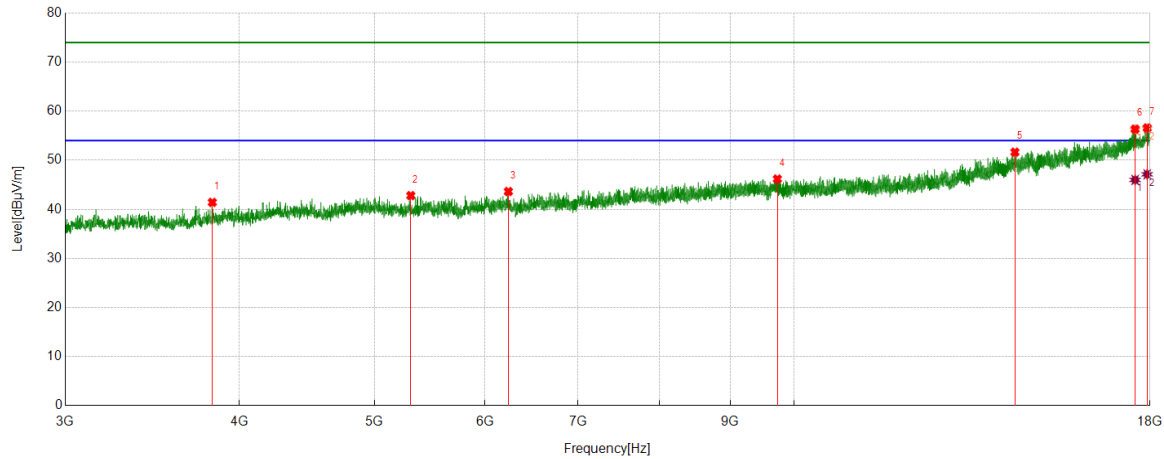
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3945.0525	48.23	-6.91	41.32	74.00	-32.68	Vertical
2	4671.7595	47.90	-5.26	42.64	74.00	-31.36	Vertical
3	6816.8787	44.53	-0.96	43.57	74.00	-30.43	Vertical
4	11612.9785	42.71	5.77	48.48	74.00	-25.52	Vertical
5	14288.9605	40.01	11.73	51.74	74.00	-22.26	Vertical
6	17313.2952	39.87	15.88	55.75	74.00	-18.25	Vertical
7	17973.3319	38.55	18.69	57.24	74.00	-16.76	Vertical

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17313.2952	29.30	15.88	45.18	54.00	-8.82	Vertical
2	17973.3319	28.96	18.69	47.65	54.00	-6.35	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
11AC VHT20	HCH	Horizontal	PASS



PK Result:

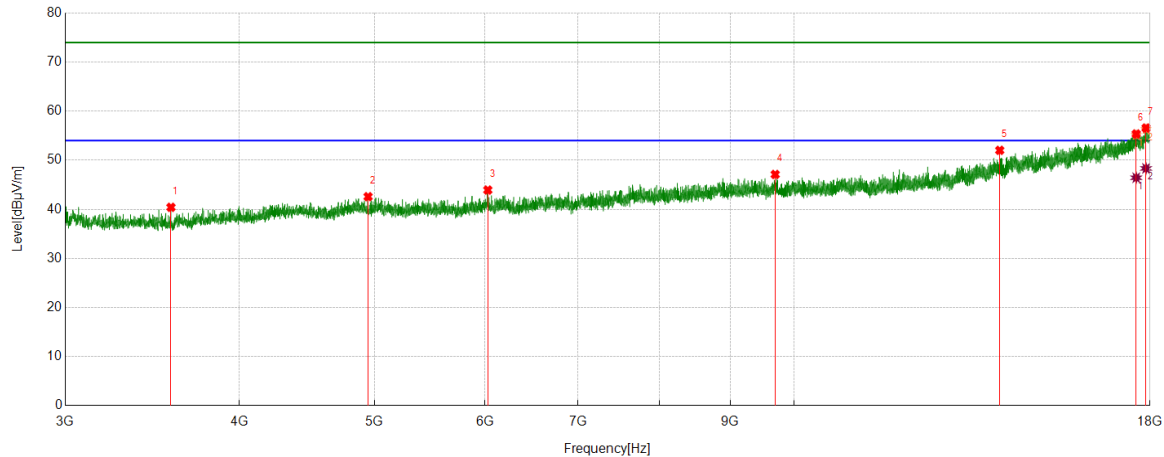
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3825.0458	48.73	-7.31	41.42	74.00	-32.58	Horizontal
2	5309.295	46.37	-3.57	42.80	74.00	-31.20	Horizontal
3	6237.6799	45.18	-1.55	43.63	74.00	-30.37	Horizontal
4	9727.0404	42.61	3.57	46.18	74.00	-27.82	Horizontal
5	14401.4667	40.12	11.53	51.65	74.00	-22.35	Horizontal
6	17563.3091	39.09	17.25	56.34	74.00	-17.66	Horizontal
7	17917.4954	37.79	18.79	56.58	74.00	-17.42	Horizontal

AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17563.3091	28.74	17.25	45.99	54.00	-8.01	Horizontal
2	17917.4954	28.34	18.79	47.13	54.00	-6.87	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
11AC VHT20	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	3572.5318	49.08	-8.67	40.41	74.00	-33.59	Vertical
2	4947.6082	46.59	-4.01	42.58	74.00	-31.42	Vertical
3	6029.335	45.63	-1.70	43.93	74.00	-30.07	Vertical
4	9692.8718	43.53	3.58	47.11	74.00	-26.89	Vertical
5	14043.9469	41.03	10.99	52.02	74.00	-21.98	Vertical
6	17595.8109	37.74	17.61	55.35	74.00	-18.65	Vertical
7	17883.3269	37.47	19.10	56.57	74.00	-17.43	Vertical

AV Result:

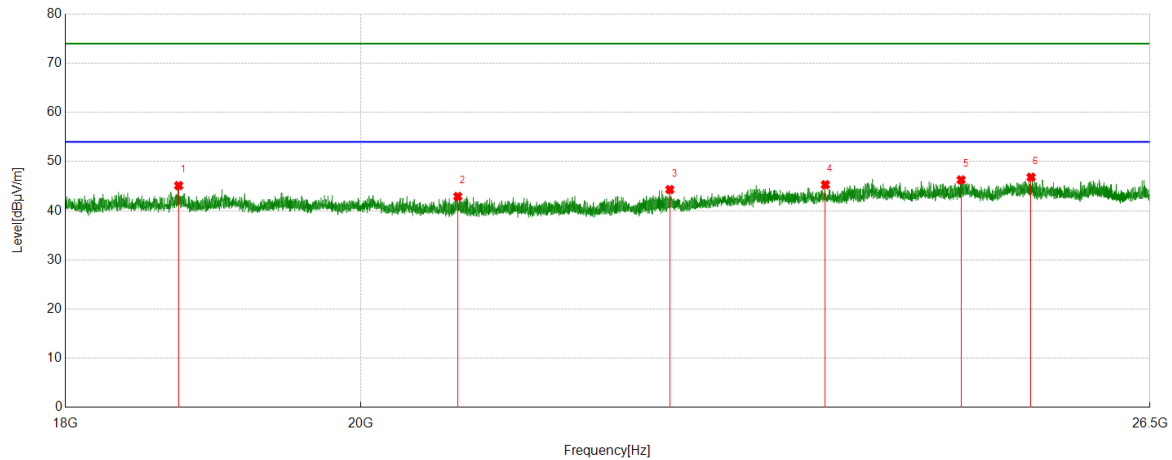
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17595.8109	28.83	17.61	46.44	54.00	-7.56	Vertical
2	17883.3269	29.24	19.10	48.34	54.00	-5.66	Vertical

- 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

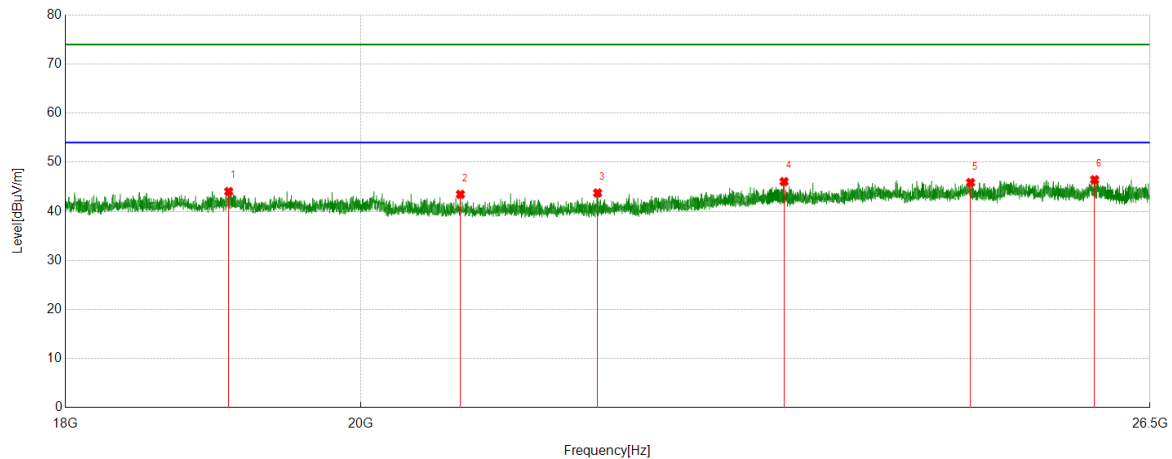


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	18742.9743	51.34	-6.22	45.12	74.00	-28.88	Horizontal
2	20704.1204	48.78	-5.88	42.90	74.00	-31.10	Horizontal
3	22330.333	49.41	-5.10	44.31	74.00	-29.69	Horizontal
4	23603.7604	48.39	-3.09	45.30	74.00	-28.70	Horizontal
5	24774.3274	49.56	-3.29	46.27	74.00	-27.73	Horizontal
6	25399.99	50.07	-3.25	46.82	74.00	-27.18	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:

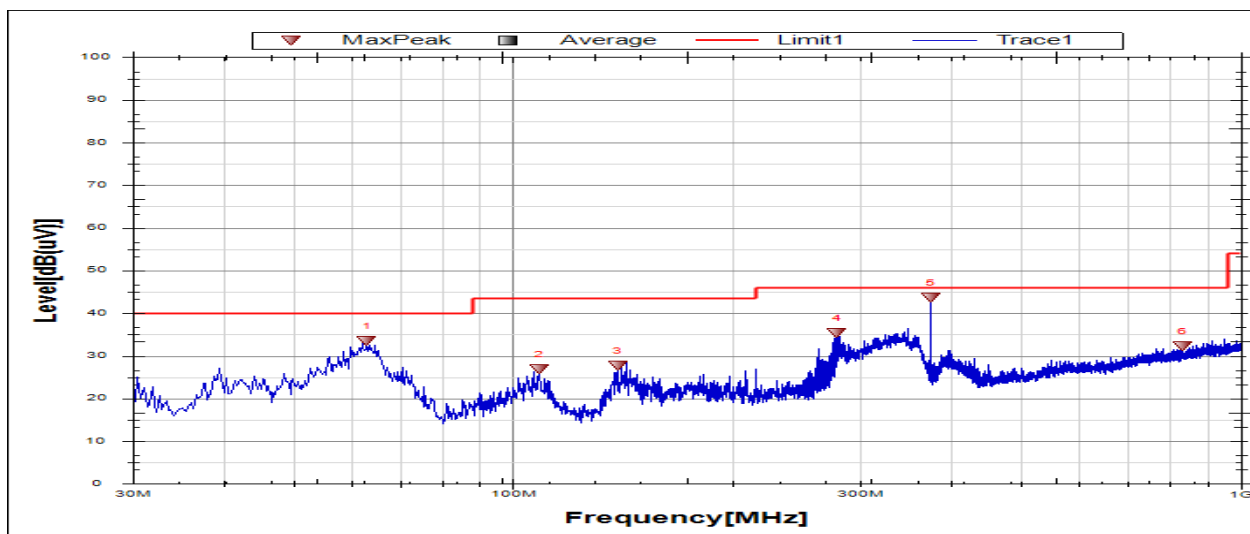
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	19080.458	49.97	-5.94	44.03	74.00	-29.97	Vertical
2	20723.6724	49.35	-5.90	43.45	74.00	-30.55	Vertical
3	21762.4762	49.48	-5.74	43.74	74.00	-30.26	Vertical
4	23258.6259	49.40	-3.35	46.05	74.00	-27.95	Vertical
5	24857.6358	49.27	-3.41	45.86	74.00	-28.14	Vertical
6	25982.2982	49.14	-2.70	46.44	74.00	-27.56	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)

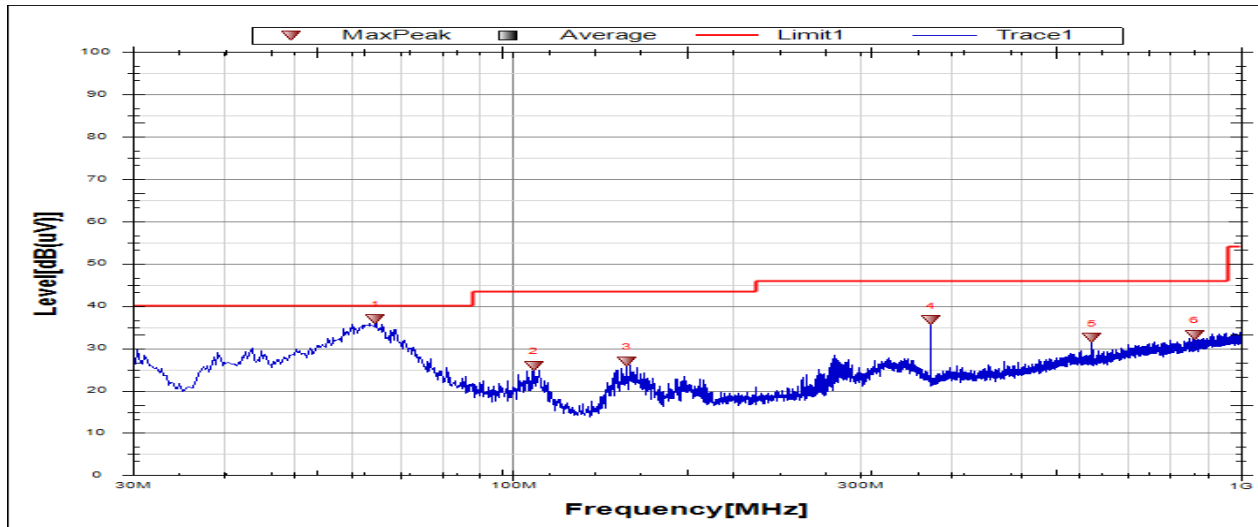
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	62.9883	14.97	18.64	33.61	40.0	-6.39	Peak
2	108.5898	8.36	18.49	26.85	43.5	-16.65	Peak
3	139.1524	12.37	15.34	27.71	43.5	-15.79	Peak
4	278.6250	14.54	20.82	35.36	46.0	-10.64	Peak
5	374.9217	20.20	23.43	43.63	46.0	-2.37	Peak
6	831.6641	1.81	30.55	32.36	46.0	-13.64	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



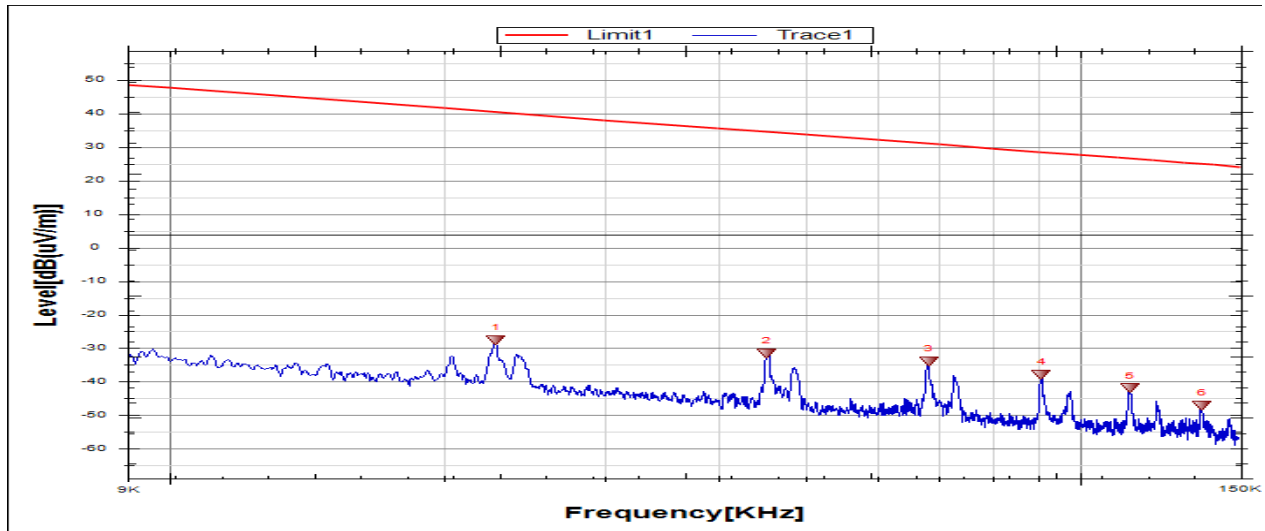
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	64.6862	18.91	18.08	36.99	40.0	-3.01	Peak
2	106.6493	7.34	18.59	25.93	43.5	-17.57	Peak
3	143.2760	11.62	15.32	26.94	43.5	-16.56	Peak
4	374.9217	13.24	23.43	36.67	46.0	-9.33	Peak
5	625.0021	4.37	28.10	32.47	46.0	-13.53	Peak
6	863.4396	2.24	31.00	33.24	46.0	-12.76	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)

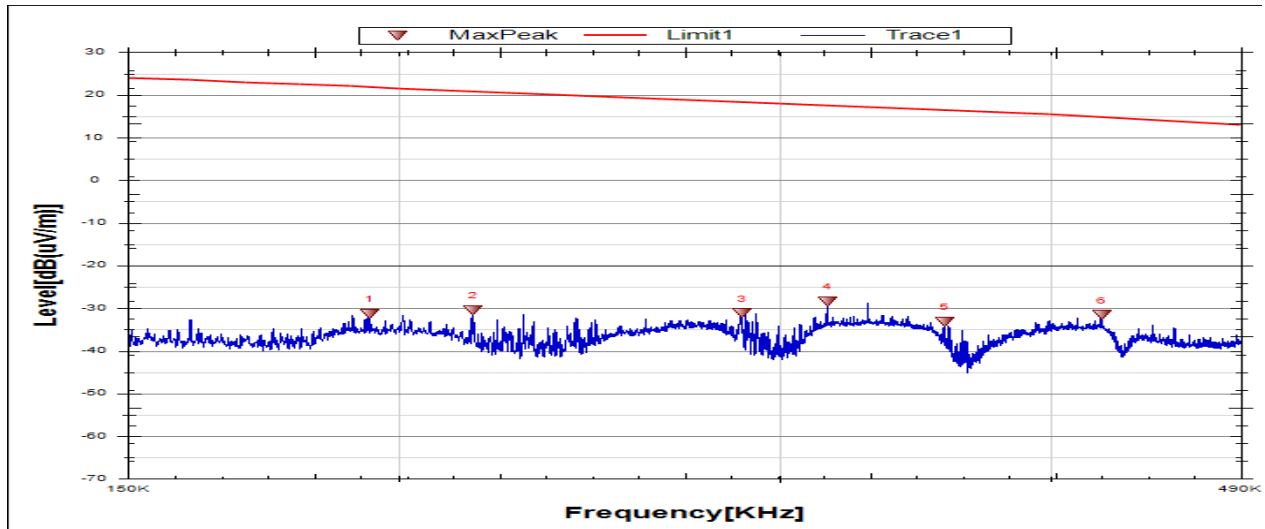
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9kHz~150kHz	PASS



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	0.0228	34.11	-61.78	-27.67	40.59	-79.17	-10.91	-68.26	Peak
2	0.0452	30.10	-61.71	-31.61	34.55	-83.11	-16.95	-66.16	Peak
3	0.0681	27.81	-61.77	-33.96	30.97	-85.46	-20.53	-64.93	Peak
4	0.0907	23.88	-61.81	-37.93	28.46	-89.43	-23.04	-66.39	Peak
5	0.1134	19.87	-61.82	-41.95	26.52	-93.45	-24.98	-68.47	Peak
6	0.1360	14.82	-61.83	-47.01	24.94	-98.51	-26.56	-71.95	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.

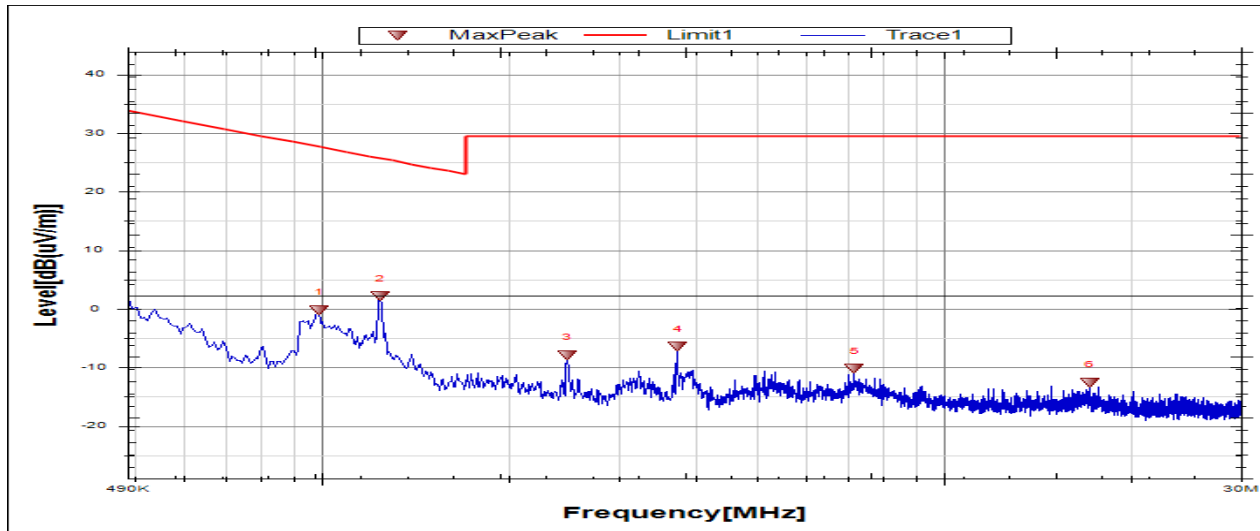
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150kHz~490kHz	PASS



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	0.1938	30.56	-61.86	-31.30	21.86	-82.80	-29.64	-53.16	Peak
2	0.2164	31.36	-61.87	-30.51	21.00	-82.01	-30.50	-51.51	Peak
3	0.2882	30.75	-61.90	-31.15	18.48	-82.65	-33.02	-49.63	Peak
4	0.3156	33.49	-61.91	-28.42	17.67	-79.92	-33.83	-46.09	Peak
5	0.3575	28.84	-61.9	-33.06	16.62	-84.56	-34.88	-49.68	Peak
6	0.4225	30.29	-61.88	-31.59	14.94	-83.09	-36.56	-46.53	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	0.9918	21.66	-21.85	-0.19	27.68	-51.69	-23.82	-27.87	Peak
2	1.2427	24.04	-21.84	2.20	25.73	-49.30	-25.77	-23.53	Peak
3	2.4823	13.91	-21.8	-7.89	29.54	-59.39	-21.96	-37.43	Peak
4	3.7368	15.34	-21.76	-6.42	29.54	-57.92	-21.96	-35.96	Peak
5	7.1901	11.49	-21.72	-10.23	29.54	-61.73	-21.96	-39.77	Peak
6	17.1518	8.92	-21.48	-12.56	29.54	-64.06	-21.96	-42.10	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.

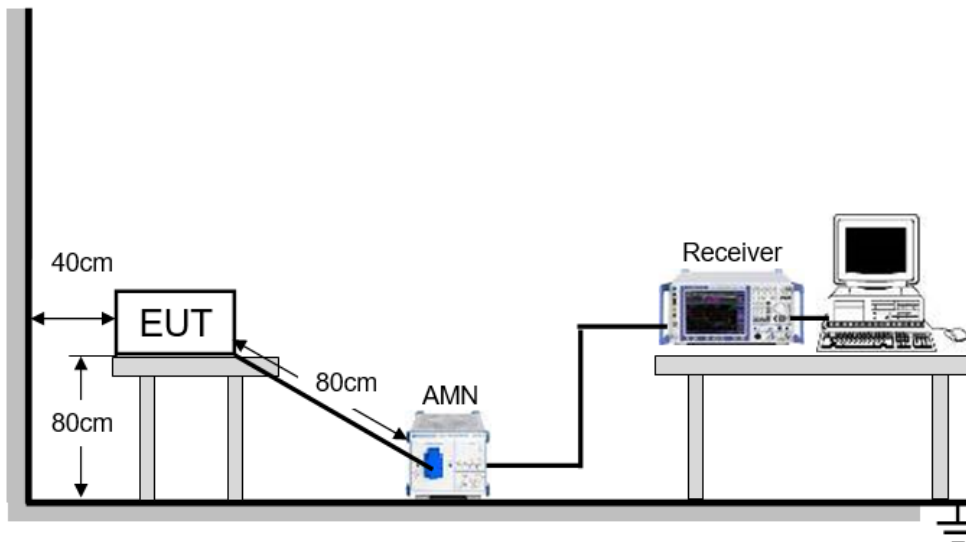
9. AC POWER LINE CONDUCTED EMISSIONS

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



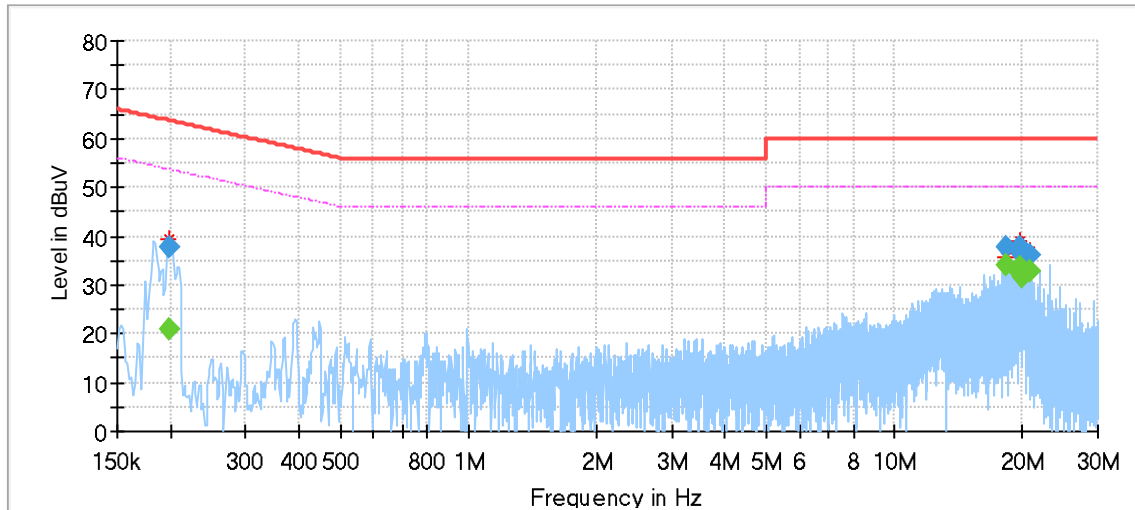
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver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

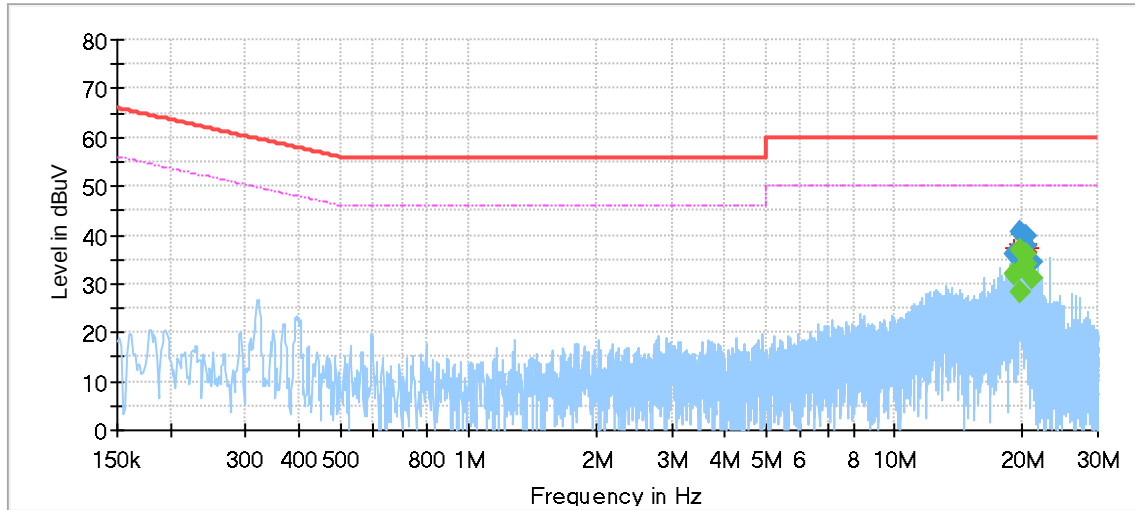


Final_Result

Frequency [MHz]	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.199253	---	20.73	53.64	32.91	1000.0	9.000	L1	OFF	9.6
0.199253	37.83	---	63.64	25.81	1000.0	9.000	L1	OFF	9.6
18.242085	---	33.90	50.00	16.10	1000.0	9.000	L1	OFF	9.7
18.242085	37.69	---	60.00	22.31	1000.0	9.000	L1	OFF	9.7
19.588320	---	32.88	50.00	17.12	1000.0	9.000	L1	OFF	9.7
19.588320	37.14	---	60.00	22.86	1000.0	9.000	L1	OFF	9.7
19.712198	---	33.73	50.00	16.27	1000.0	9.000	L1	OFF	9.7
19.712198	37.66	---	60.00	22.34	1000.0	9.000	L1	OFF	9.7
19.892790	---	31.52	50.00	18.48	1000.0	9.000	L1	OFF	9.7
19.892790	36.06	---	60.00	23.94	1000.0	9.000	L1	OFF	9.7
20.806200	---	32.84	50.00	17.16	1000.0	9.000	L1	OFF	9.8
20.806200	36.27	---	60.00	23.73	1000.0	9.000	L1	OFF	9.8

- Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
5. Pre-testing all test modes and channels, and find the MCH of 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]
19.158480	---	31.83	50.00	18.17	1000.0	9.000	N	OFF	9.8
19.158480	36.24	---	60.00	23.76	1000.0	9.000	N	OFF	9.8
19.707720	---	36.95	50.00	13.05	1000.0	9.000	N	OFF	9.8
19.707720	40.42	---	60.00	19.58	1000.0	9.000	N	OFF	9.8
19.773390	---	28.32	50.00	21.68	1000.0	9.000	N	OFF	9.8
19.773390	33.33	---	60.00	26.67	1000.0	9.000	N	OFF	9.8
20.256960	---	36.27	50.00	13.73	1000.0	9.000	N	OFF	9.8
20.256960	39.64	---	60.00	20.36	1000.0	9.000	N	OFF	9.8
20.379345	---	34.13	50.00	15.87	1000.0	9.000	N	OFF	9.8
20.379345	37.64	---	60.00	22.36	1000.0	9.000	N	OFF	9.8
21.050970	---	31.32	50.00	18.68	1000.0	9.000	N	OFF	9.8
21.050970	34.55	---	60.00	25.45	1000.0	9.000	N	OFF	9.8

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