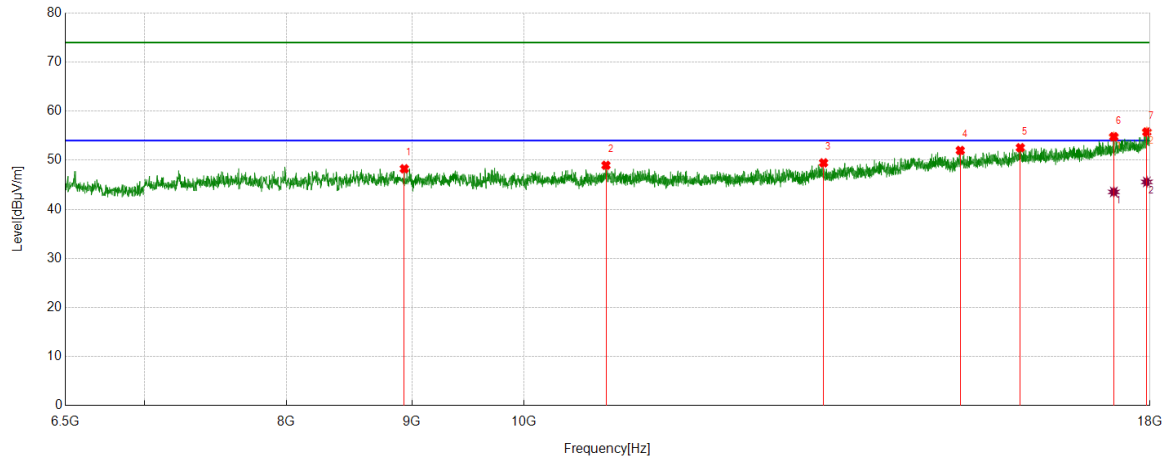


Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



PK Result:

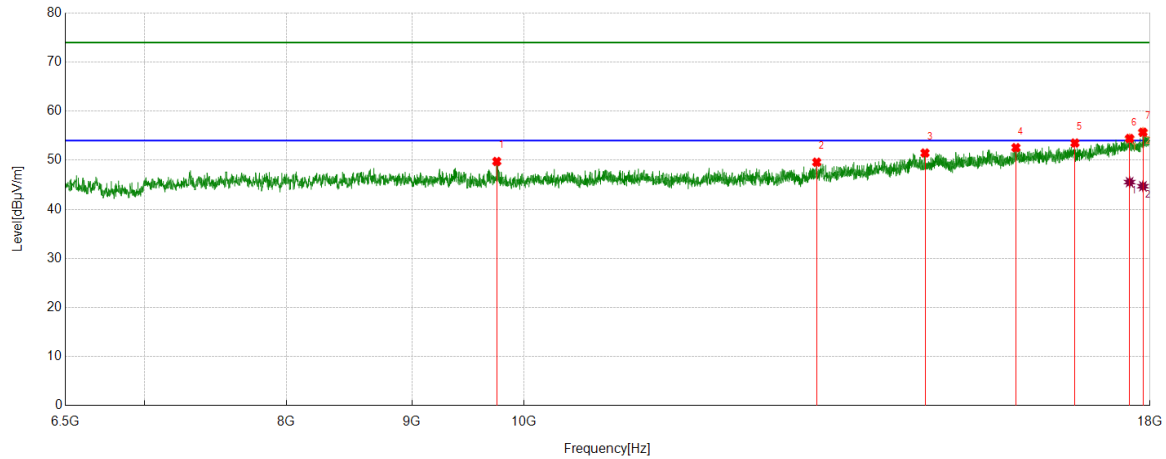
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	8936.8671	42.21	6.05	48.26	74.00	-25.74	Vertical
2	10800.1	41.93	7.03	48.96	74.00	-25.04	Vertical
3	13248.4686	39.41	10.06	49.47	74.00	-24.53	Vertical
4	15062.8204	38.92	13.07	51.99	74.00	-22.01	Vertical
5	15936.9296	37.99	14.56	52.55	74.00	-21.45	Vertical
6	17399.0499	37.44	17.35	54.79	74.00	-19.21	Vertical
7	17946.8059	36.27	19.48	55.75	74.00	-18.25	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17399.0499	26.20	17.35	43.55	54.00	-10.45	Vertical
2	17946.8059	26.10	19.48	45.58	54.00	-8.42	Vertical

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

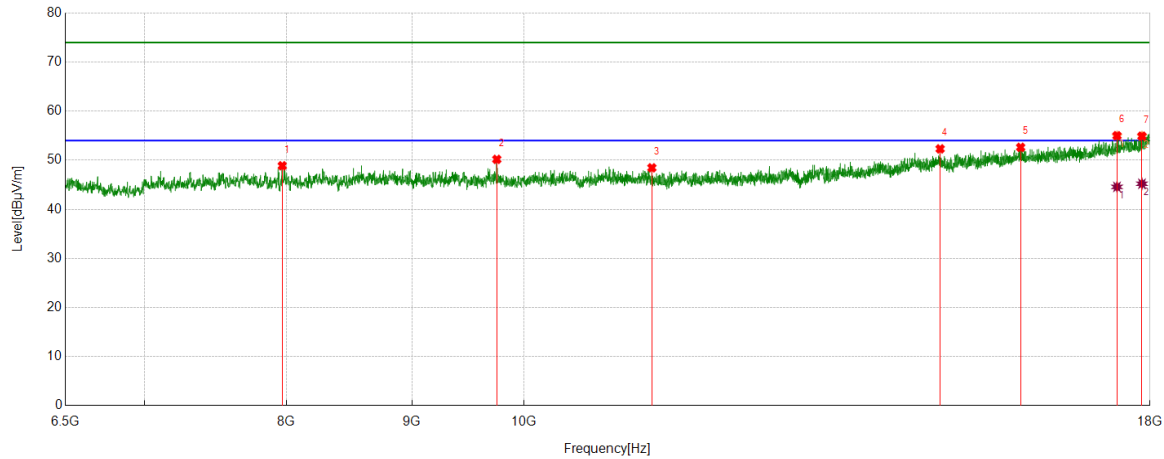
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9747.7185	43.27	6.48	49.75	74.00	-24.25	Horizontal
2	13163.6455	39.80	9.80	49.60	74.00	-24.40	Horizontal
3	14572.5716	38.76	12.71	51.47	74.00	-22.53	Horizontal
4	15870.7964	37.88	14.68	52.56	74.00	-21.44	Horizontal
5	16775.0969	37.35	16.16	53.51	74.00	-20.49	Horizontal
6	17659.2699	36.36	18.07	54.43	74.00	-19.57	Horizontal
7	17880.6726	36.52	19.19	55.71	74.00	-18.29	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17659.2699	27.47	18.07	45.54	54.00	-8.46	Horizontal
2	17880.6726	25.51	19.19	44.70	54.00	-9.30	Horizontal

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

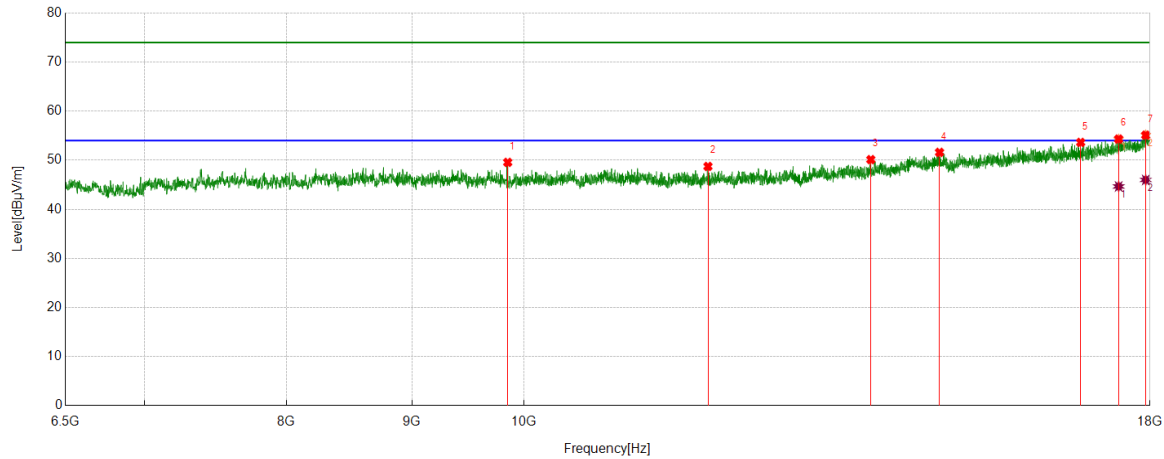
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7969.3087	43.43	5.44	48.87	74.00	-25.13	Vertical
2	9747.7185	43.70	6.48	50.18	74.00	-23.82	Vertical
3	11275.972	41.29	7.17	48.46	74.00	-25.54	Vertical
4	14781.0351	39.48	12.84	52.32	74.00	-21.68	Vertical
5	15941.2427	38.12	14.51	52.63	74.00	-21.37	Vertical
6	17450.8064	37.40	17.60	55.00	74.00	-19.00	Vertical
7	17864.8581	35.68	19.23	54.91	74.00	-19.09	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17450.8064	26.97	17.60	44.57	54.00	-9.43	Vertical
2	17864.8581	25.98	19.23	45.21	54.00	-8.79	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:

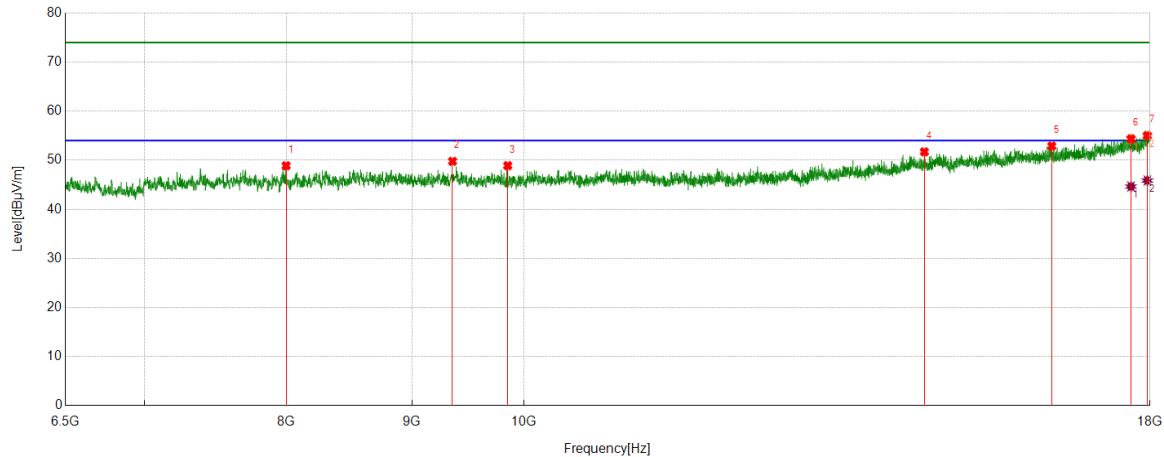
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9848.356	43.06	6.51	49.57	74.00	-24.43	Horizontal
2	11885.5482	40.77	7.97	48.74	74.00	-25.26	Horizontal
3	13849.4187	38.49	11.64	50.13	74.00	-23.87	Horizontal
4	14772.4091	38.69	12.91	51.60	74.00	-22.40	Horizontal
5	16865.6707	37.43	16.20	53.63	74.00	-20.37	Horizontal
6	17478.1223	36.66	17.65	54.31	74.00	-19.69	Horizontal
7	17928.116	35.75	19.36	55.11	74.00	-18.89	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17478.1223	27.01	17.65	44.66	54.00	-9.34	Horizontal
2	17928.116	26.63	19.36	45.99	54.00	-8.01	Horizontal

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

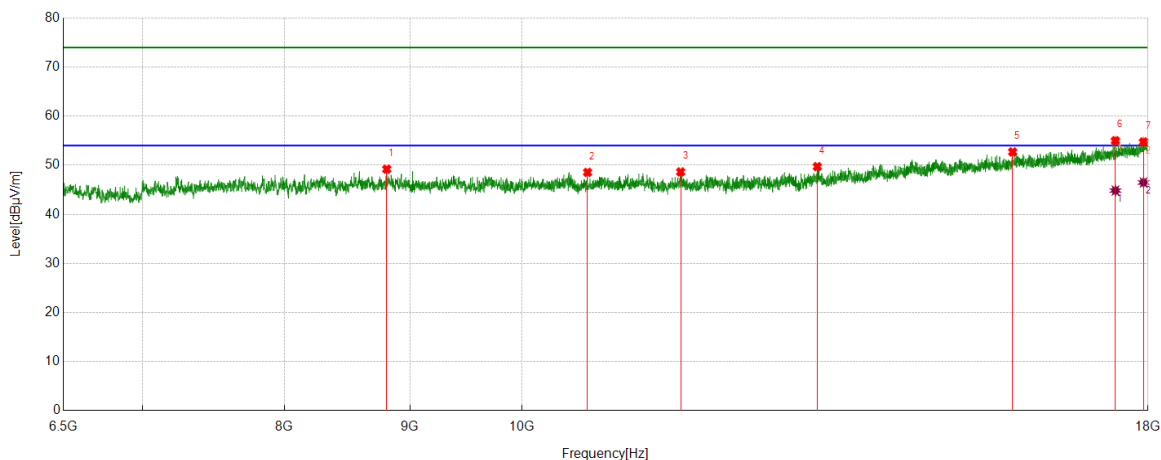
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7998.0623	43.54	5.34	48.88	74.00	-25.12	Vertical
2	9350.9189	43.32	6.46	49.78	74.00	-24.22	Vertical
3	9848.356	42.39	6.51	48.90	74.00	-25.10	Vertical
4	14563.9455	38.96	12.75	51.71	74.00	-22.29	Vertical
5	16414.2393	37.78	15.11	52.89	74.00	-21.11	Vertical
6	17682.2728	36.24	18.12	54.36	74.00	-19.64	Vertical
7	17955.4319	35.47	19.57	55.04	74.00	-18.96	Vertical

**AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17682.2728	26.52	18.12	44.64	54.00	-9.36	Vertical
2	17955.4319	26.30	19.57	45.87	54.00	-8.13	Vertical

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

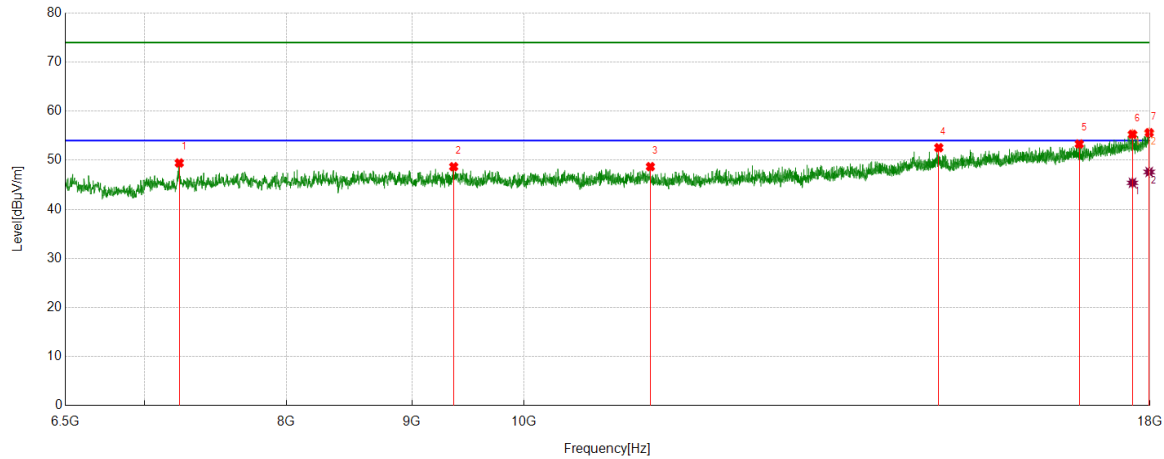
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	8807.4759	42.92	6.28	49.20	74.00	-24.80	Horizontal
2	10634.7668	41.61	6.94	48.55	74.00	-25.45	Horizontal
3	11606.6383	41.10	7.54	48.64	74.00	-25.36	Horizontal
4	13195.2744	39.72	9.99	49.71	74.00	-24.29	Horizontal
5	15852.1065	37.91	14.80	52.71	74.00	-21.29	Horizontal
6	17457.9947	37.37	17.62	54.99	74.00	-19.01	Horizontal
7	17925.2407	35.37	19.37	54.74	74.00	-19.26	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17457.9947	27.22	17.62	44.84	54.00	-9.16	Horizontal
2	17925.2407	27.11	19.37	46.48	54.00	-7.52	Horizontal

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

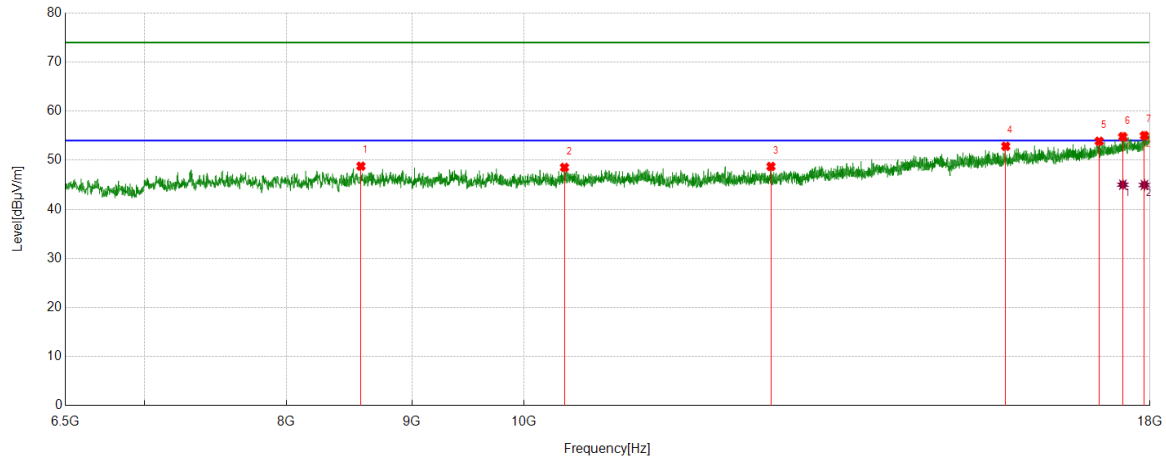
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7234.6543	45.60	3.84	49.44	74.00	-24.56	Vertical
2	9360.9826	42.24	6.44	48.68	74.00	-25.32	Vertical
3	11260.1575	41.41	7.28	48.69	74.00	-25.31	Vertical
4	14762.3453	39.60	12.95	52.55	74.00	-21.45	Vertical
5	16844.1055	37.10	16.21	53.31	74.00	-20.69	Vertical
6	17706.7133	36.95	18.33	55.28	74.00	-18.72	Vertical
7	17987.0609	35.81	19.80	55.61	74.00	-18.39	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17706.7133	27.07	18.33	45.40	54.00	-8.60	Vertical
2	17987.0609	27.81	19.80	47.61	54.00	-6.39	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  - Peak detector: RBW: 1 MHz, VBW: 3 MHz.
  - Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
  - For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
  - 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	8580.3225	42.36	6.43	48.79	74.00	-25.21	Horizontal
2	10387.4859	41.93	6.61	48.54	74.00	-25.46	Horizontal
3	12610.1388	39.76	8.97	48.73	74.00	-25.27	Horizontal
4	15719.84	38.81	14.03	52.84	74.00	-21.16	Horizontal
5	17161.8327	37.41	16.46	53.87	74.00	-20.13	Horizontal
6	17547.1309	37.07	17.73	54.80	74.00	-19.20	Horizontal
7	17906.5508	35.78	19.23	55.01	74.00	-18.99	Horizontal

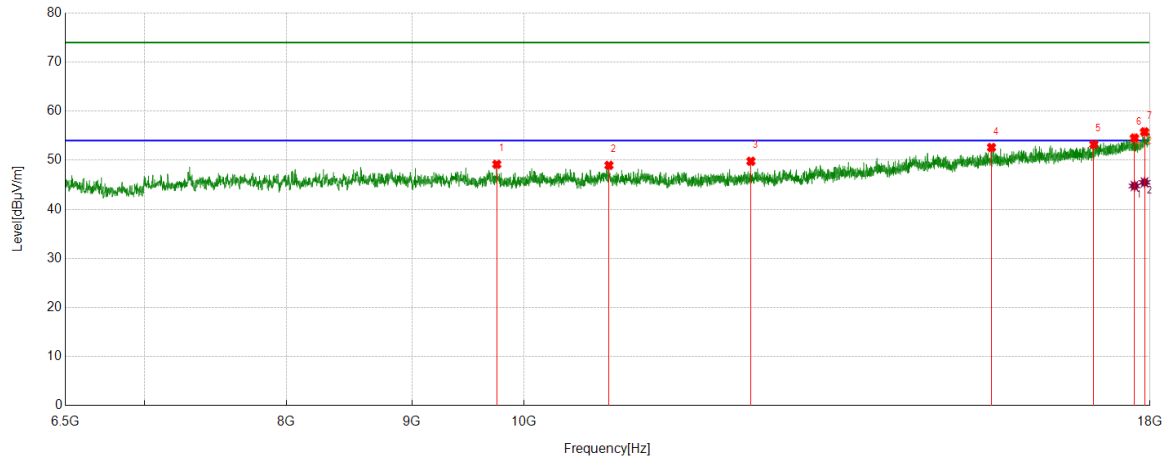
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17547.1309	27.29	17.73	45.02	54.00	-8.98	Horizontal
2	17906.5508	25.73	19.23	44.96	54.00	-9.04	Horizontal

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

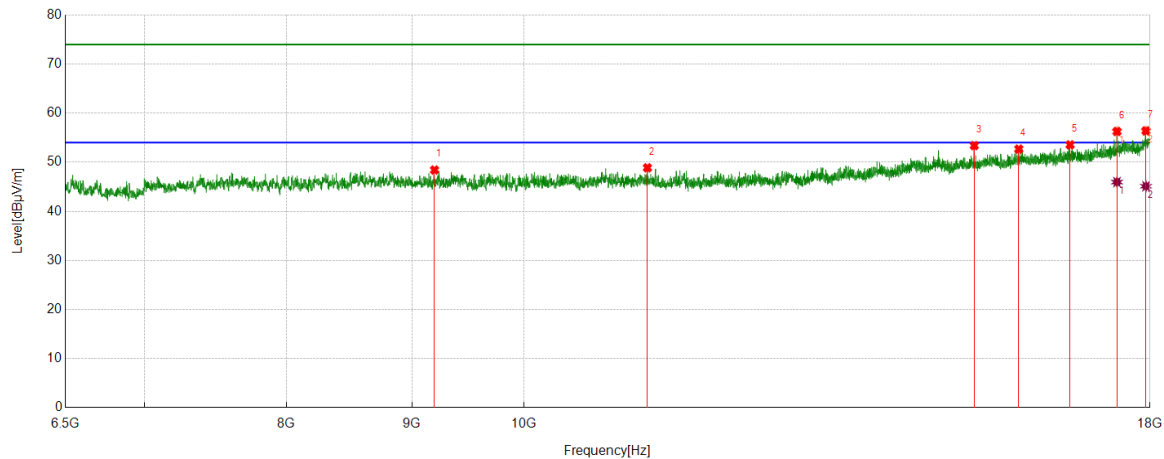
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9747.7185	42.69	6.48	49.17	74.00	-24.83	Vertical
2	10830.2913	41.88	7.08	48.96	74.00	-25.04	Vertical
3	12374.3593	41.40	8.39	49.79	74.00	-24.21	Vertical
4	15511.3764	38.77	13.84	52.61	74.00	-21.39	Vertical
5	17075.5719	36.88	16.35	53.23	74.00	-20.77	Vertical
6	17739.78	35.99	18.54	54.53	74.00	-19.47	Vertical
7	17909.4262	36.53	19.25	55.78	74.00	-18.22	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17739.78	26.22	18.54	44.76	54.00	-9.24	Vertical
2	17909.4262	26.24	19.25	45.49	54.00	-8.51	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:

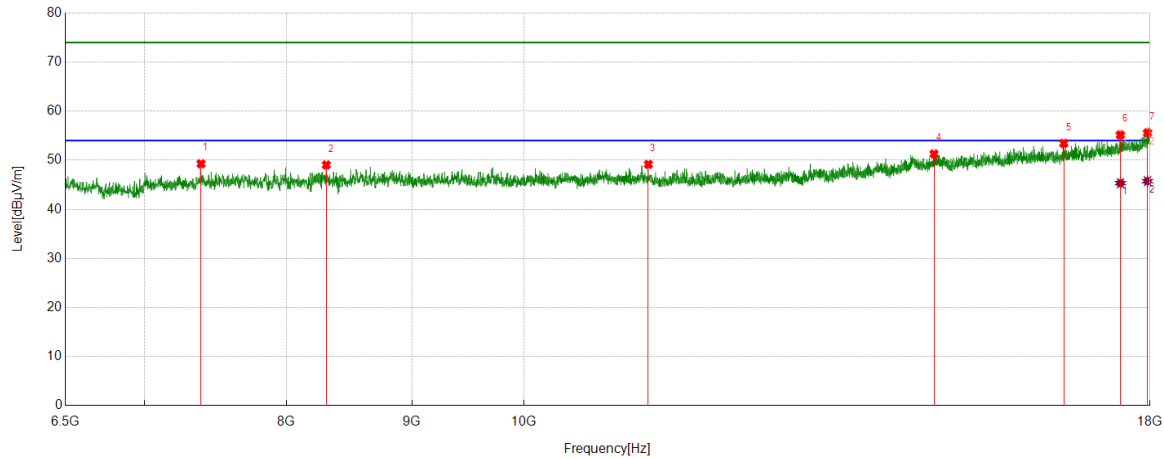
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9194.2118	42.46	5.96	48.42	74.00	-25.58	Horizontal
2	11228.5286	41.59	7.28	48.87	74.00	-25.13	Horizontal
3	15262.6578	39.96	13.43	53.39	74.00	-20.61	Horizontal
4	15913.9267	38.13	14.55	52.68	74.00	-21.32	Horizontal
5	16698.8999	37.52	16.03	53.55	74.00	-20.45	Horizontal
6	17450.8064	38.67	17.60	56.27	74.00	-17.73	Horizontal
7	17932.4291	37.01	19.39	56.40	74.00	-17.60	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17450.8064	28.36	17.60	45.96	54.00	-8.04	Horizontal
2	17932.4291	25.72	19.39	45.11	54.00	-8.89	Horizontal

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

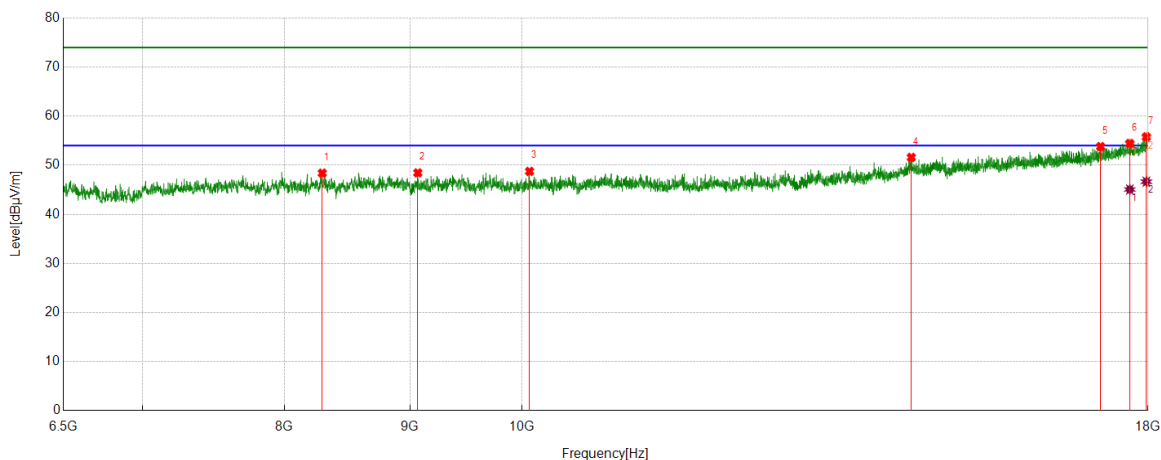
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7384.173	45.12	4.16	49.28	74.00	-24.72	Vertical
2	8305.7257	42.72	6.32	49.04	74.00	-24.96	Vertical
3	11238.5923	41.92	7.25	49.17	74.00	-24.83	Vertical
4	14696.212	38.52	12.76	51.28	74.00	-22.72	Vertical
5	16601.1376	37.51	15.93	53.44	74.00	-20.56	Vertical
6	17506.8759	37.54	17.62	55.16	74.00	-18.84	Vertical
7	17958.3073	35.98	19.60	55.58	74.00	-18.42	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17506.8759	27.71	17.62	45.33	54.00	-8.67	Vertical
2	17958.3073	26.13	19.60	45.73	54.00	-8.27	Vertical

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

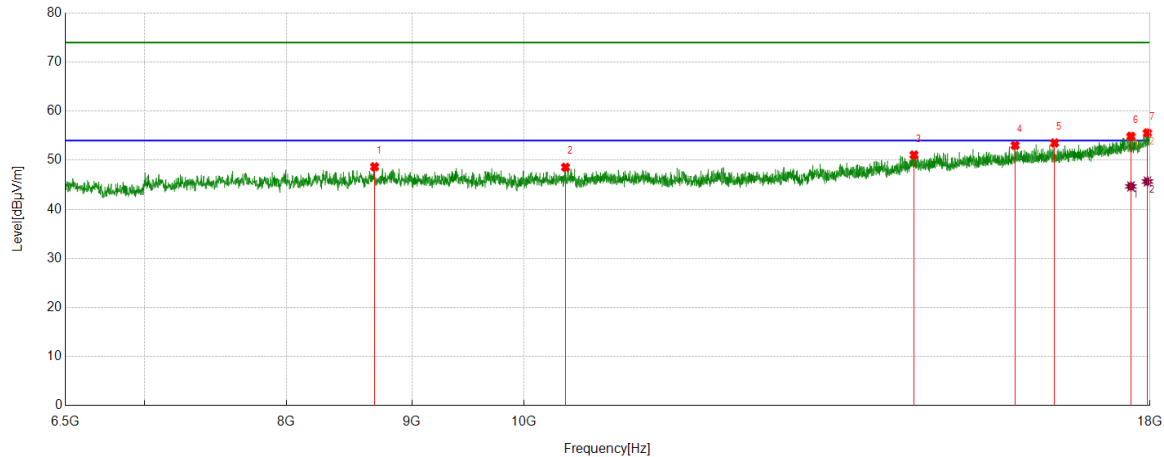
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	8289.9112	42.33	6.06	48.39	74.00	-25.61	Horizontal
2	9067.696	42.34	6.11	48.45	74.00	-25.55	Horizontal
3	10071.1964	42.16	6.59	48.75	74.00	-25.25	Horizontal
4	14412.9891	38.70	12.90	51.60	74.00	-22.40	Horizontal
5	17216.4646	37.07	16.73	53.80	74.00	-20.20	Horizontal
6	17695.2119	36.20	18.23	54.43	74.00	-19.57	Horizontal
7	17972.6841	36.10	19.68	55.78	74.00	-18.22	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17695.2119	26.83	18.23	45.06	54.00	-8.94	Horizontal
2	17972.6841	26.97	19.68	46.65	54.00	-7.35	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:

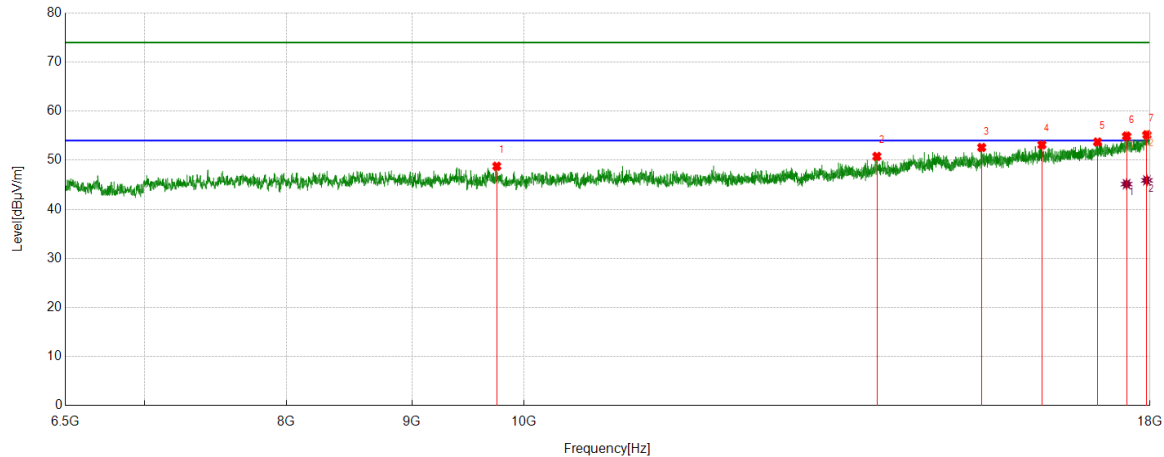
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	8691.0239	42.46	6.21	48.67	74.00	-25.33	Vertical
2	10397.5497	41.87	6.70	48.57	74.00	-25.43	Vertical
3	14423.0529	38.18	12.90	51.08	74.00	-22.92	Vertical
4	15859.2949	38.35	14.67	53.02	74.00	-20.98	Vertical
5	16457.3697	37.78	15.75	53.53	74.00	-20.47	Vertical
6	17680.8351	36.75	18.12	54.87	74.00	-19.13	Vertical
7	17956.8696	35.97	19.59	55.56	74.00	-18.44	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17680.8351	26.55	18.12	44.67	54.00	-9.33	Vertical
2	17956.8696	26.08	19.59	45.67	54.00	-8.33	Vertical

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

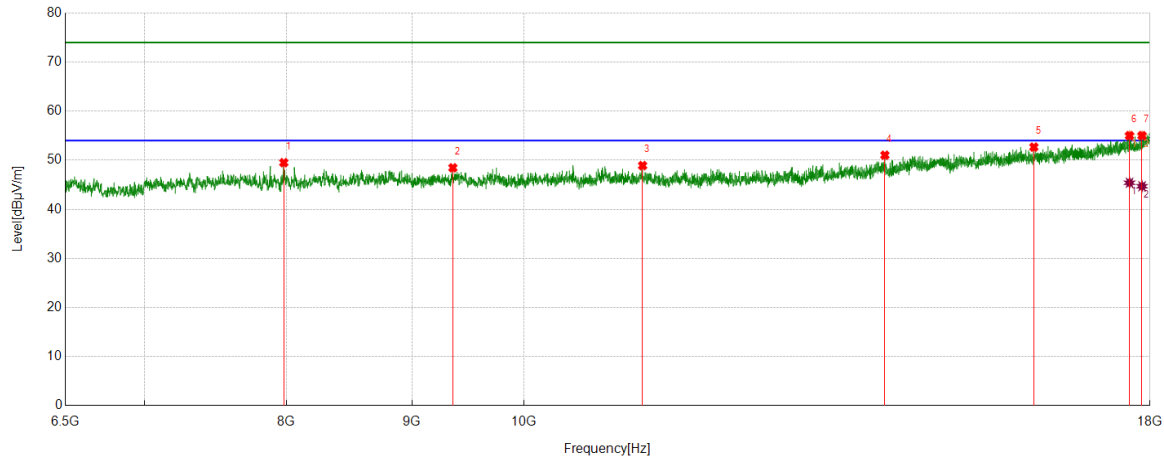
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9747.7185	42.30	6.48	48.78	74.00	-25.22	Horizontal
2	13928.4911	39.39	11.39	50.78	74.00	-23.22	Horizontal
3	15369.0461	39.01	13.59	52.60	74.00	-21.40	Horizontal
4	16263.2829	38.06	15.08	53.14	74.00	-20.86	Horizontal
5	17135.9545	37.23	16.48	53.71	74.00	-20.29	Horizontal
6	17608.9511	36.85	18.06	54.91	74.00	-19.09	Horizontal
7	17948.2435	35.70	19.48	55.18	74.00	-18.82	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17608.9511	27.08	18.06	45.14	54.00	-8.86	Horizontal
2	17948.2435	26.42	19.48	45.90	54.00	-8.10	Horizontal

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

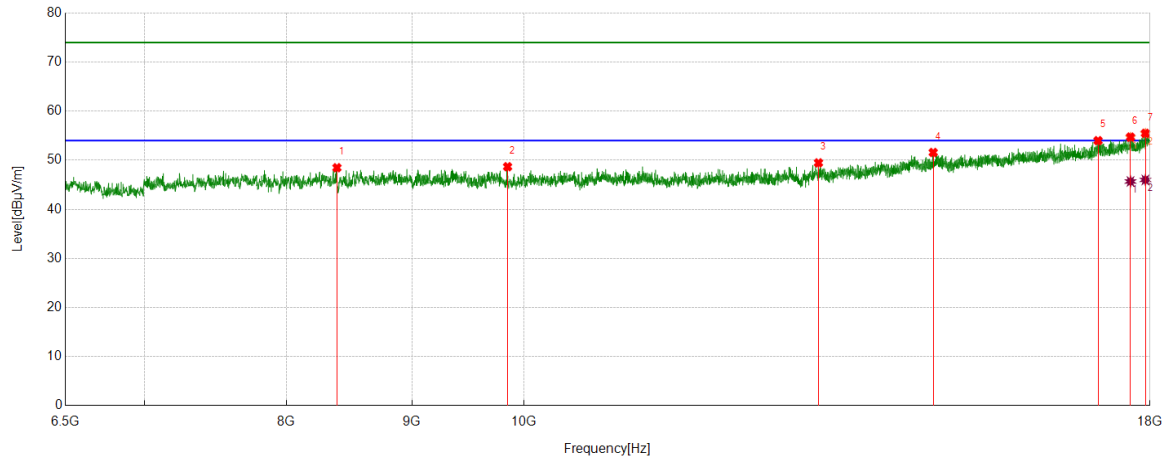
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	7980.8101	44.13	5.38	49.51	74.00	-24.49	Vertical
2	9353.7942	42.01	6.45	48.46	74.00	-25.54	Vertical
3	11178.2098	41.54	7.37	48.91	74.00	-25.09	Vertical
4	14033.4417	39.09	11.94	51.03	74.00	-22.97	Vertical
5	16141.0801	37.64	15.04	52.68	74.00	-21.32	Vertical
6	17657.8322	36.95	18.06	55.01	74.00	-18.99	Vertical
7	17866.2958	35.79	19.23	55.02	74.00	-18.98	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17657.8322	27.35	18.06	45.41	54.00	-8.59	Vertical
2	17866.2958	25.47	19.23	44.70	54.00	-9.30	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	8389.1111	42.51	5.97	48.48	74.00	-25.52	Horizontal
2	9846.9184	42.20	6.48	48.68	74.00	-25.32	Horizontal
3	13185.2107	39.44	10.03	49.47	74.00	-24.53	Horizontal
4	14684.7106	38.77	12.81	51.58	74.00	-22.42	Horizontal
5	17143.1429	37.58	16.41	53.99	74.00	-20.01	Horizontal
6	17673.6467	36.64	18.08	54.72	74.00	-19.28	Horizontal
7	17922.3653	36.11	19.37	55.48	74.00	-18.52	Horizontal

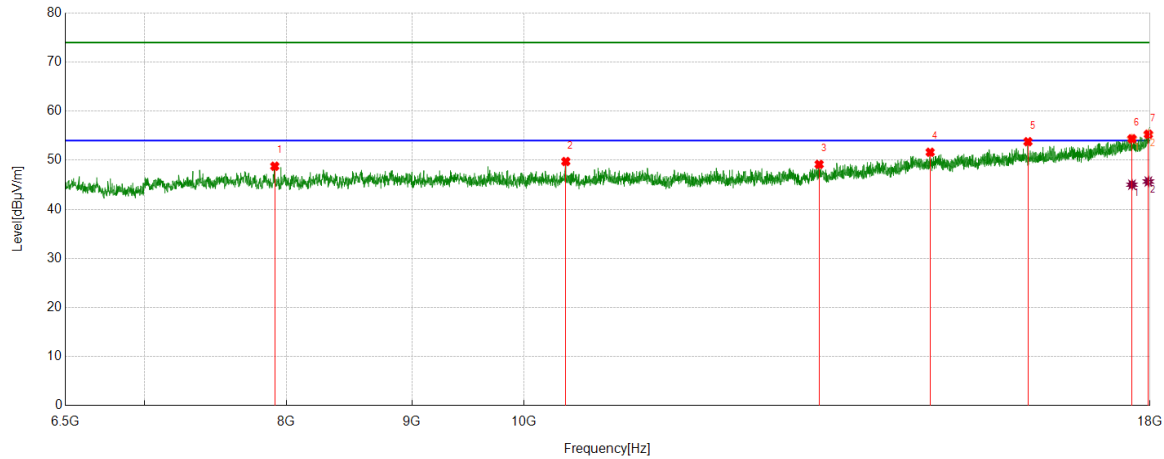
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17673.6467	27.60	18.08	45.68	54.00	-8.32	Horizontal
2	17922.3653	26.62	19.37	45.99	54.00	-8.01	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  - Peak detector: RBW: 1 MHz, VBW: 3 MHz.
  - Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
  - For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
  - 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	7913.2392	43.26	5.52	48.78	74.00	-25.22	Vertical
2	10400.4251	43.01	6.73	49.74	74.00	-24.26	Vertical
3	13193.8367	39.15	10.01	49.16	74.00	-24.84	Vertical
4	14643.0179	38.88	12.75	51.63	74.00	-22.37	Vertical
5	16051.944	39.29	14.49	53.78	74.00	-20.22	Vertical
6	17698.0873	36.13	18.25	54.38	74.00	-19.62	Vertical
7	17972.6841	35.61	19.68	55.29	74.00	-18.71	Vertical

AV Result:

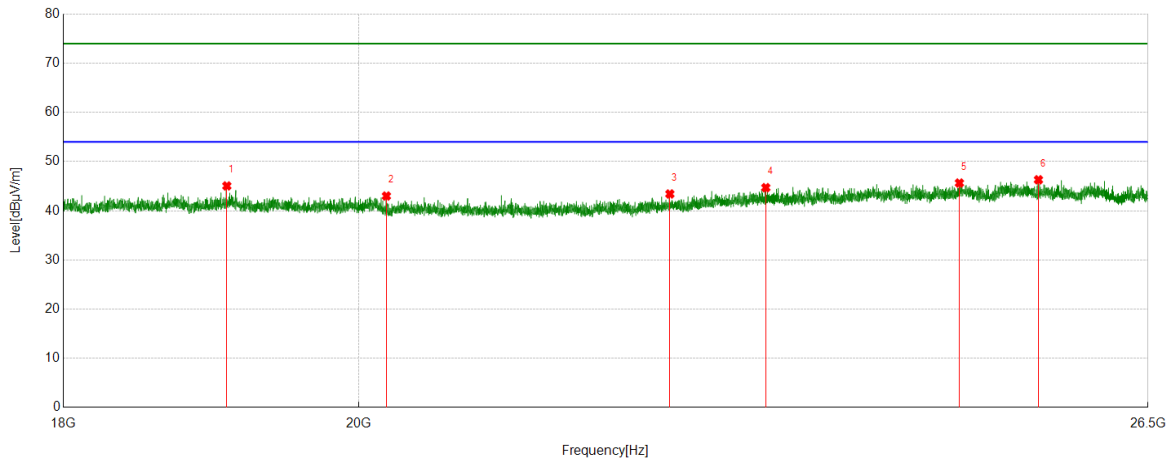
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17698.0873	26.77	18.25	45.02	54.00	-8.98	Vertical
2	17972.6841	25.99	19.68	45.67	54.00	-8.33	Vertical

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

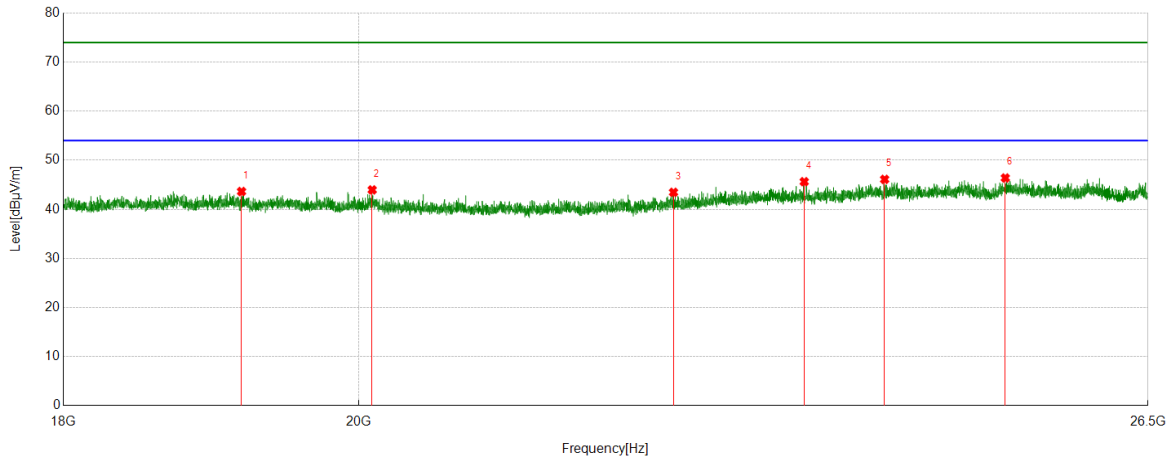


**PK Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	19081.3081	50.99	-5.94	45.05	74.00	-28.95	Horizontal
2	20198.3198	48.30	-5.30	43.00	74.00	-31.00	Horizontal
3	22346.4846	48.48	-5.06	43.42	74.00	-30.58	Horizontal
4	23124.3124	48.16	-3.46	44.70	74.00	-29.30	Horizontal
5	24776.8777	48.93	-3.29	45.64	74.00	-28.36	Horizontal
6	25484.9985	49.50	-3.20	46.30	74.00	-27.70	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:

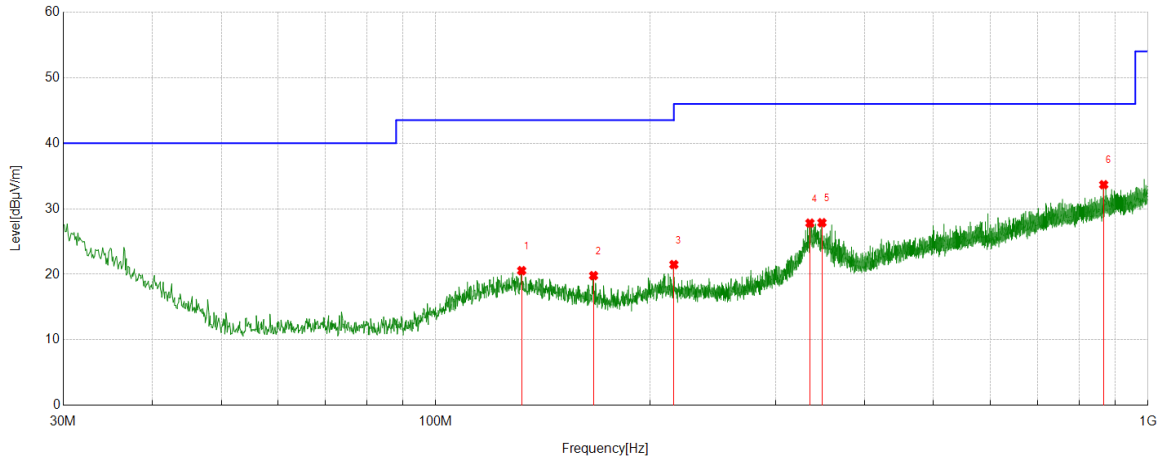
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	19181.6182	49.41	-5.78	43.63	74.00	-30.37	Vertical
2	20096.3096	49.11	-5.15	43.96	74.00	-30.04	Vertical
3	22375.3875	48.45	-4.99	43.46	74.00	-30.54	Vertical
4	23443.0943	48.82	-3.19	45.63	74.00	-28.37	Vertical
5	24124.8625	48.82	-2.72	46.10	74.00	-27.90	Vertical
6	25185.7686	49.81	-3.42	46.39	74.00	-27.61	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)**

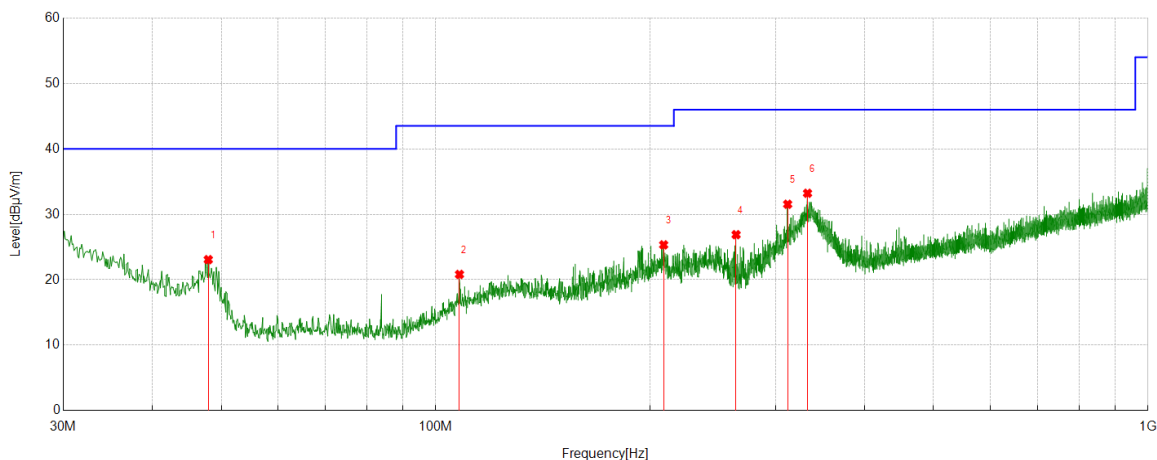
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	132.0542	-0.25	20.81	20.56	43.50	-22.94	Peak
2	166.5897	1.04	18.76	19.80	43.50	-23.70	Peak
3	215.9676	1.97	19.52	21.49	43.50	-22.01	Peak
4	335.2895	6.06	21.75	27.81	46.00	-18.19	Peak
5	348.5799	5.86	22.01	27.87	46.00	-18.13	Peak
6	866.6117	2.74	30.93	33.67	46.00	-12.33	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



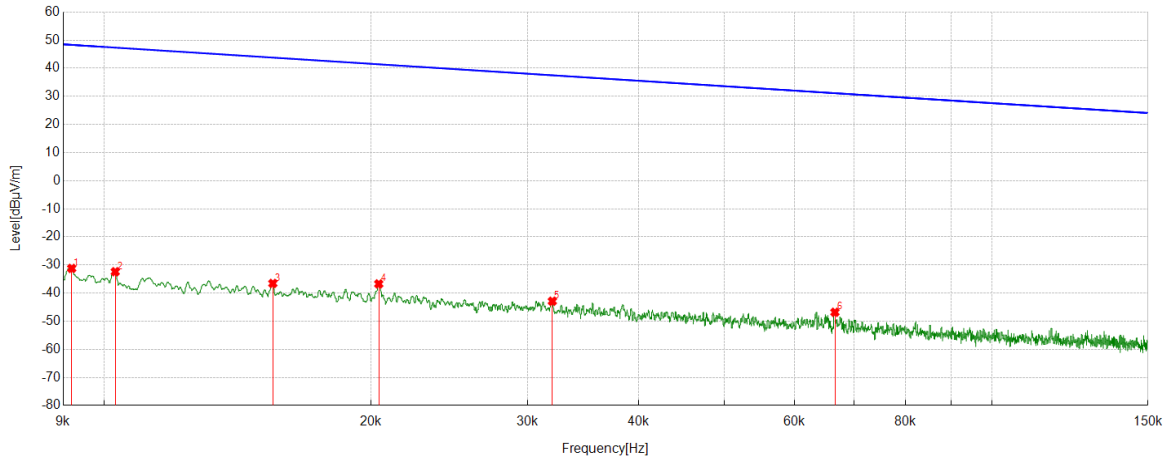
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	47.9468	7.36	15.72	23.08	40.00	-16.92	Peak
2	107.9958	2.10	18.72	20.82	43.50	-22.68	Peak
3	208.9829	5.73	19.61	25.34	43.50	-18.16	Peak
4	264.0844	7.26	19.63	26.89	46.00	-19.11	Peak
5	312.0072	10.30	21.24	31.54	46.00	-14.46	Peak
6	332.6703	11.54	21.68	33.22	46.00	-12.78	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)**

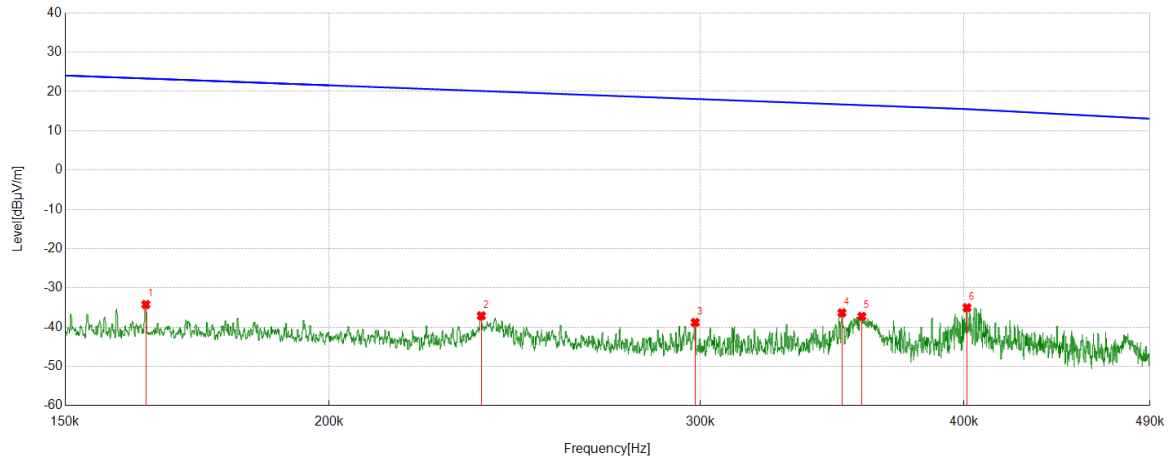
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9kHz~150kHz	PASS



No.	Frequency	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	0.0092	30.78	-62.00	-31.22	48.37	-82.72	-3.13	-79.59	Peak
2	0.0103	29.59	-62.00	-32.41	47.37	-83.91	-4.13	-79.78	Peak
3	0.0155	25.38	-61.95	-36.57	43.80	-88.07	-7.70	-80.37	Peak
4	0.0204	25.16	-61.90	-36.74	41.40	-88.24	-10.10	-78.14	Peak
5	0.0320	18.90	-61.80	-42.90	37.49	-94.40	-14.01	-80.39	Peak
6	0.0666	15.04	-61.87	-46.83	31.14	-98.33	-20.36	-77.97	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.

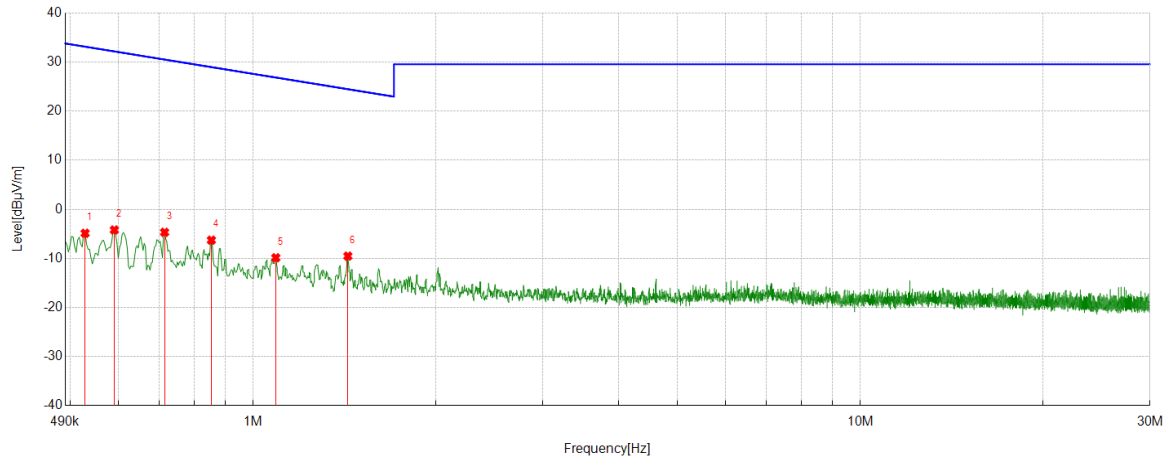
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150kHz~490kHz	PASS



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	0.1638	27.72	-61.95	-34.23	23.32	-85.73	-28.18	-57.55	Peak
2	0.2362	24.88	-61.99	-37.11	20.14	-88.61	-31.36	-57.25	Peak
3	0.2983	23.21	-62.02	-38.81	18.11	-90.31	-33.39	-56.92	Peak
4	0.3501	25.67	-62.03	-36.36	16.72	-87.86	-34.78	-53.08	Peak
5	0.3578	24.75	-62.03	-37.28	16.53	-88.78	-34.97	-53.81	Peak
6	0.4013	26.99	-62.04	-35.05	15.52	-86.55	-35.98	-50.57	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	0.5284	17.21	-22.09	-4.88	33.14	-56.38	-18.36	-38.02	Peak
2	0.5903	17.89	-22.09	-4.20	32.18	-55.70	-19.32	-36.38	Peak
3	0.7143	17.39	-22.07	-4.68	30.52	-56.18	-20.98	-35.20	Peak
4	0.8530	15.79	-22.07	-6.28	28.98	-57.78	-22.52	-35.26	Peak
5	1.0891	12.19	-22.06	-9.87	26.87	-61.37	-24.63	-36.74	Peak
6	1.4315	12.51	-22.04	-9.53	24.49	-61.03	-27.01	-34.02	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.



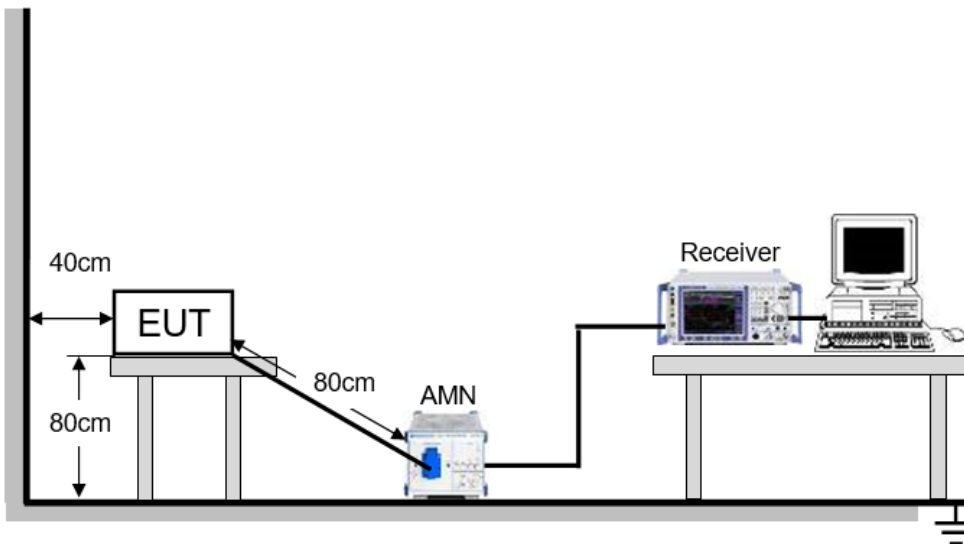
## 9. AC POWER LINE CONDUCTED EMISSIONS

### 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



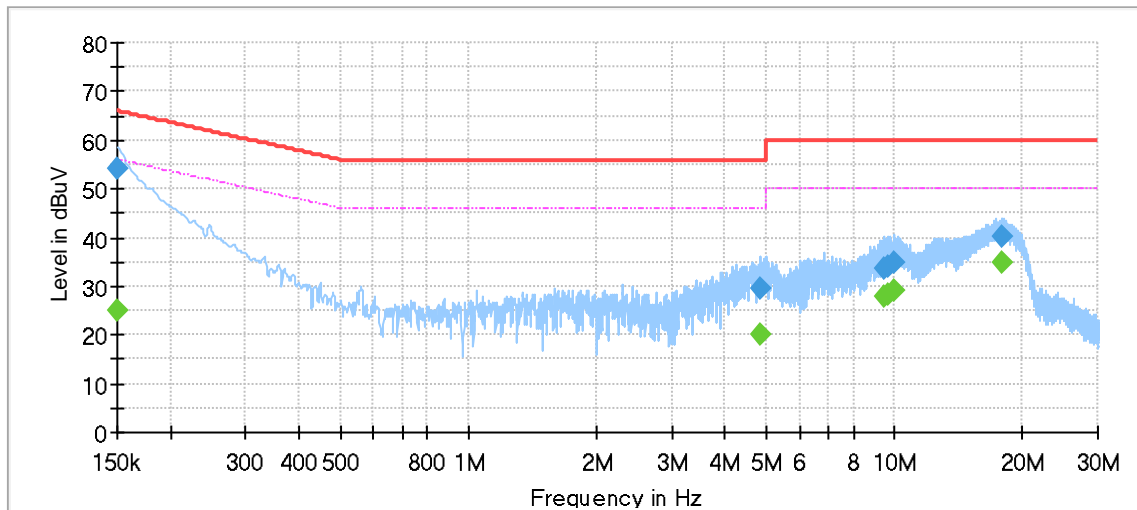
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver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

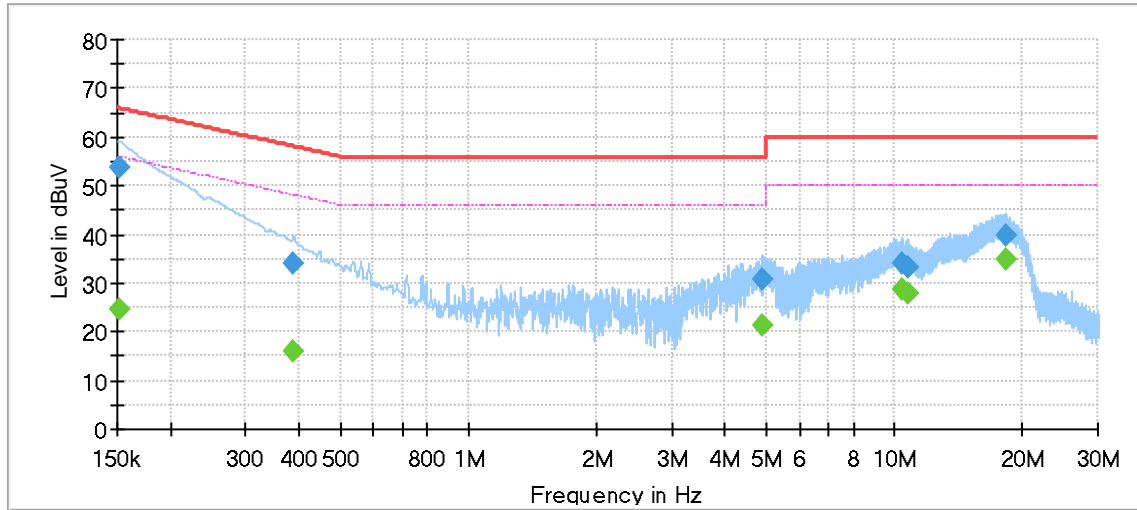


**Final\_Result**

Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.150000	---	25.15	56.00	30.85	1000.0	9.000	L1	OFF	9.6
0.150000	54.23	---	66.00	11.77	1000.0	9.000	L1	OFF	9.6
4.828988	---	20.09	46.00	25.91	1000.0	9.000	L1	OFF	9.5
4.828988	29.39	---	56.00	26.61	1000.0	9.000	L1	OFF	9.5
9.496035	---	27.84	50.00	22.16	1000.0	9.000	L1	OFF	9.5
9.496035	33.82	---	60.00	26.18	1000.0	9.000	L1	OFF	9.5
9.636330	---	28.48	50.00	21.52	1000.0	9.000	L1	OFF	9.5
9.636330	34.21	---	60.00	25.79	1000.0	9.000	L1	OFF	9.5
9.982590	---	29.28	50.00	20.72	1000.0	9.000	L1	OFF	9.5
9.982590	34.82	---	60.00	25.18	1000.0	9.000	L1	OFF	9.5
17.833140	---	34.86	50.00	15.14	1000.0	9.000	L1	OFF	9.5
17.833140	40.16	---	60.00	19.84	1000.0	9.000	L1	OFF	9.5

- 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]
0.151493	---	24.54	55.92	31.38	1000.0	9.000	N	OFF	9.6
0.151493	53.87	---	65.92	12.05	1000.0	9.000	N	OFF	9.6
0.388800	---	15.82	48.09	32.27	1000.0	9.000	N	OFF	9.5
0.388800	34.24	---	58.09	23.85	1000.0	9.000	N	OFF	9.5
4.917045	---	21.21	46.00	24.80	1000.0	9.000	N	OFF	9.4
4.917045	30.90	---	56.00	25.10	1000.0	9.000	N	OFF	9.4
10.401983	---	28.60	50.00	21.40	1000.0	9.000	N	OFF	9.5
10.401983	34.16	---	60.00	25.84	1000.0	9.000	N	OFF	9.5
10.709438	---	28.02	50.00	21.98	1000.0	9.000	N	OFF	9.5
10.709438	33.38	---	60.00	26.62	1000.0	9.000	N	OFF	9.5
18.167460	---	34.71	50.00	15.29	1000.0	9.000	N	OFF	9.5
18.167460	39.93	---	60.00	20.07	1000.0	9.000	N	OFF	9.5

- 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**