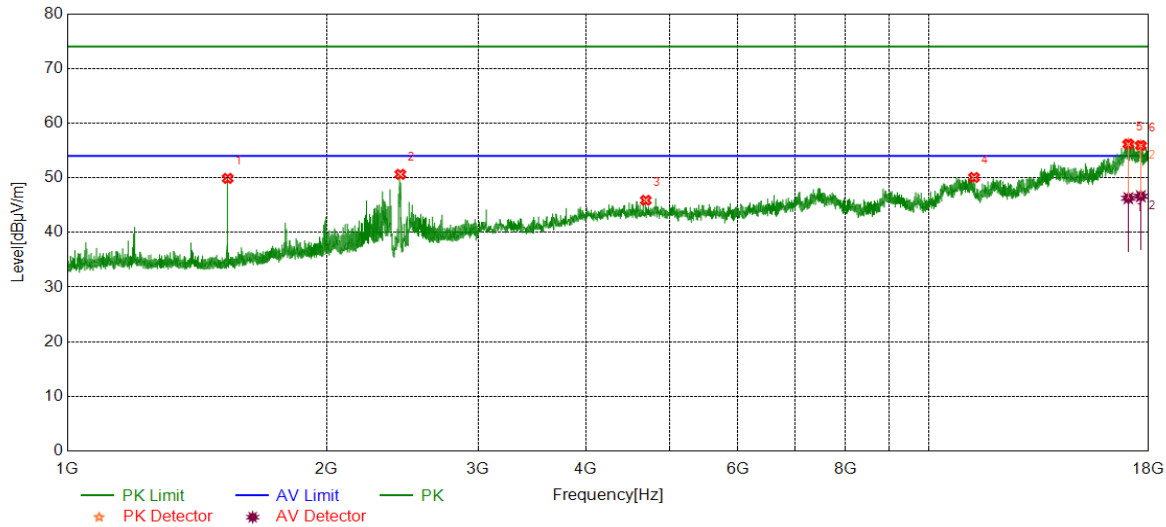




Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS

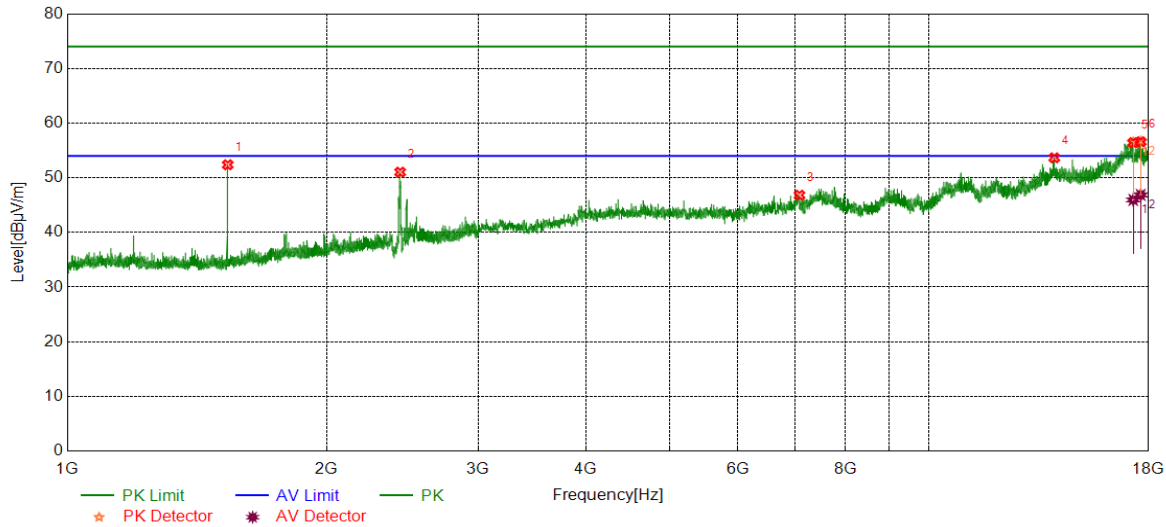


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.57	-5.68	49.89	74.00	-24.11	peak
2	2436.1795	51.71	-1.08	50.63	74.00	-23.37	peak
3	4695.2119	40.87	5.01	45.88	74.00	-28.12	peak
4	11288.5361	38.17	11.89	50.06	74.00	-23.94	peak
5	17049.2562	36.60	19.57	56.17	74.00	-17.83	peak
		26.69	19.57	46.26	54.00	-7.74	average
6	17628.7036	37.06	18.85	55.91	74.00	-18.09	peak
		27.77	18.85	46.62	54.00	-7.38	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
7. 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

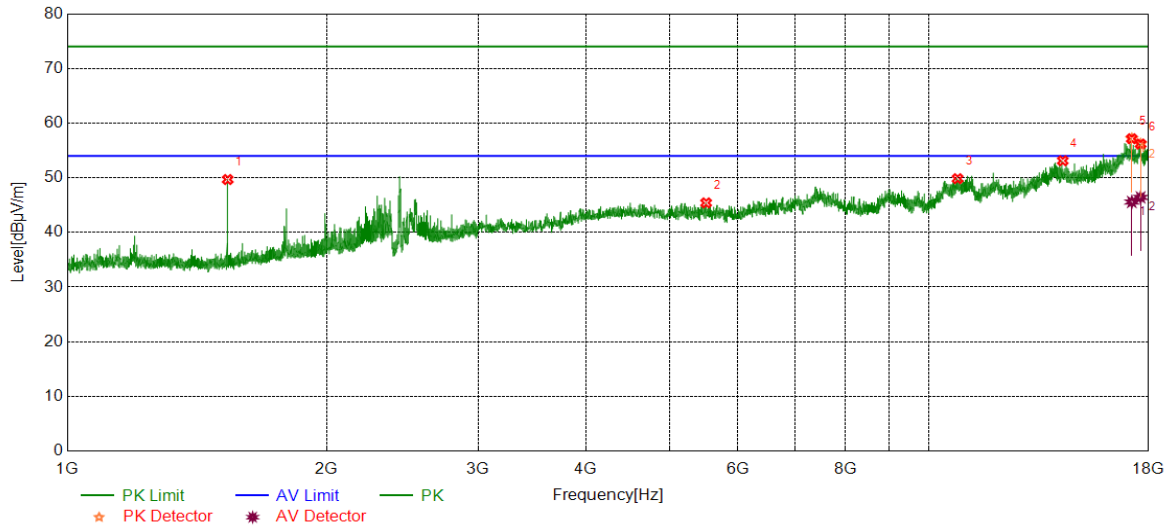


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	58.06	-5.68	52.38	74.00	-21.62	peak
2	2434.6793	52.12	-1.09	51.03	74.00	-22.97	peak
3	7078.6348	38.11	8.71	46.82	74.00	-27.18	peak
4	13988.8736	38.54	15.12	53.66	74.00	-20.34	peak
5	17274.2843	38.31	18.12	56.43	74.00	-17.57	peak
		27.83	18.12	45.95	54.00	-8.05	average
6	17624.9531	37.80	18.79	56.59	74.00	-17.41	peak
		28.08	18.79	46.87	54.00	-7.13	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
7. 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

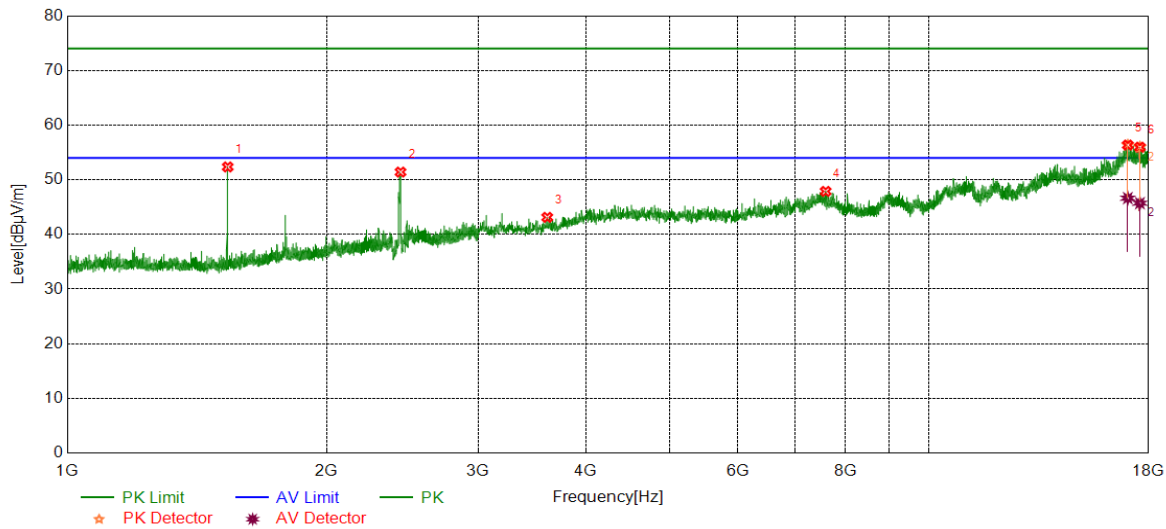


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.36	-5.68	49.68	74.00	-24.32	peak
2	5516.5646	39.97	5.44	45.41	74.00	-28.59	peak
3	10802.8504	37.76	12.08	49.84	74.00	-24.16	peak
4	14309.5387	38.08	15.03	53.11	74.00	-20.89	peak
5	17208.6511	38.81	18.34	57.15	74.00	-16.85	peak
		27.23	18.34	45.57	54.00	-8.43	average
6	17617.4522	37.47	18.71	56.18	74.00	-17.82	peak
		27.71	18.71	46.42	54.00	-7.58	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
7. 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



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	58.03	-5.68	52.35	74.00	-21.65	peak
2	2437.4297	52.48	-1.07	51.41	74.00	-22.59	peak
3	3607.5759	40.37	2.76	43.13	74.00	-30.87	peak
4	7592.4491	39.10	8.78	47.88	74.00	-26.12	peak
5	17024.8781	36.98	19.38	56.36	74.00	-17.64	peak
		27.26	19.38	46.64	54.00	-7.36	average
6	17585.5732	37.12	18.85	55.97	74.00	-18.03	peak
		26.87	18.85	45.72	54.00	-8.28	average

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

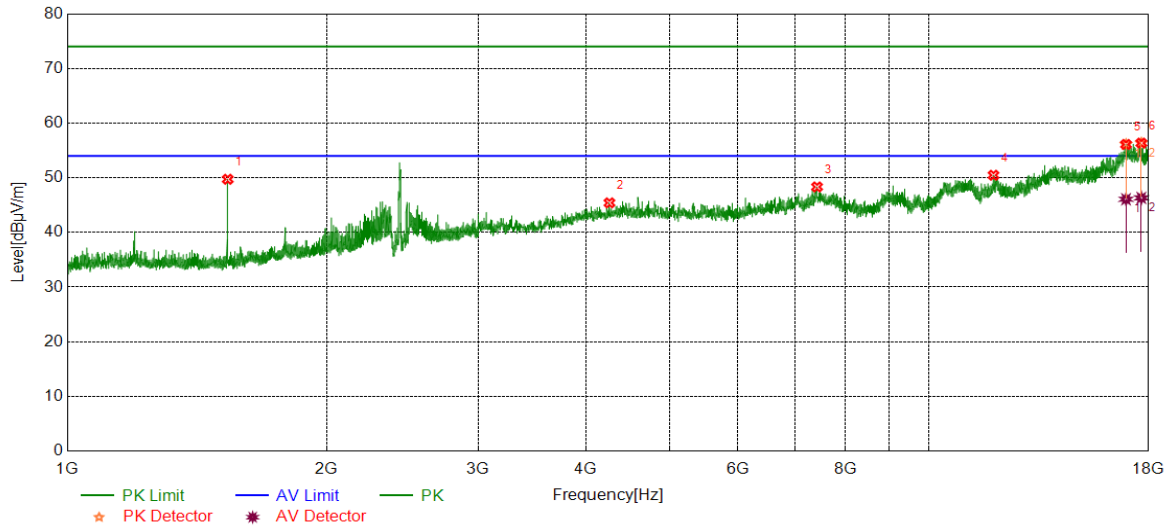
5. AVG: VBW refer to section 7.1.

6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.

7. 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

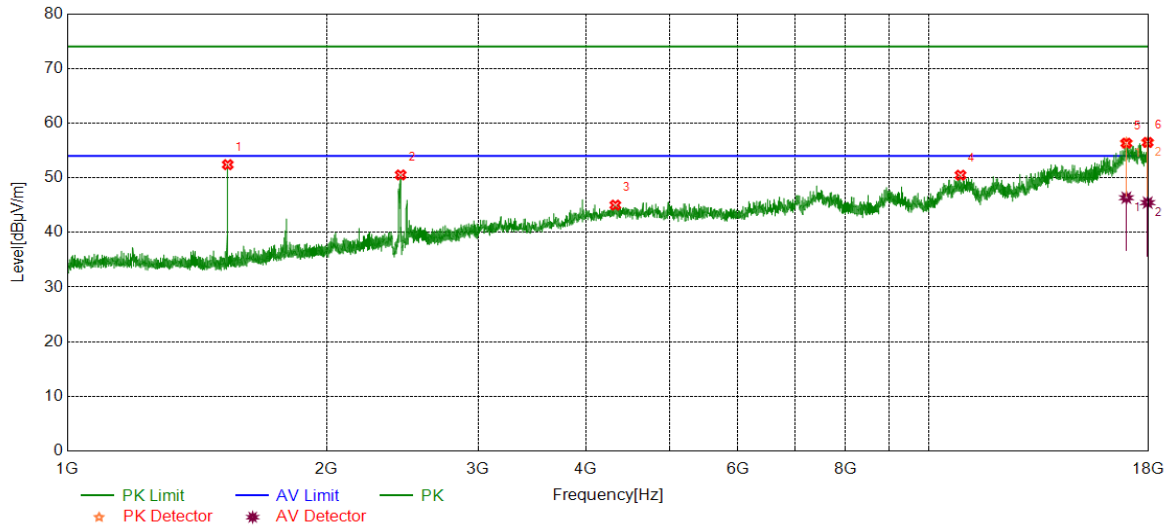


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.41	-5.68	49.73	74.00	-24.27	peak
2	4260.1575	40.22	5.19	45.41	74.00	-28.59	peak
3	7419.9275	39.28	9.05	48.33	74.00	-25.67	peak
4	11890.4863	37.75	12.72	50.47	74.00	-23.53	peak
5	16944.2430	36.77	19.33	56.10	74.00	-17.90	peak
		26.74	19.33	46.07	54.00	-7.93	average
6	17653.0816	37.63	18.72	56.35	74.00	-17.65	peak
		27.60	18.72	46.32	54.00	-7.68	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
7. 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

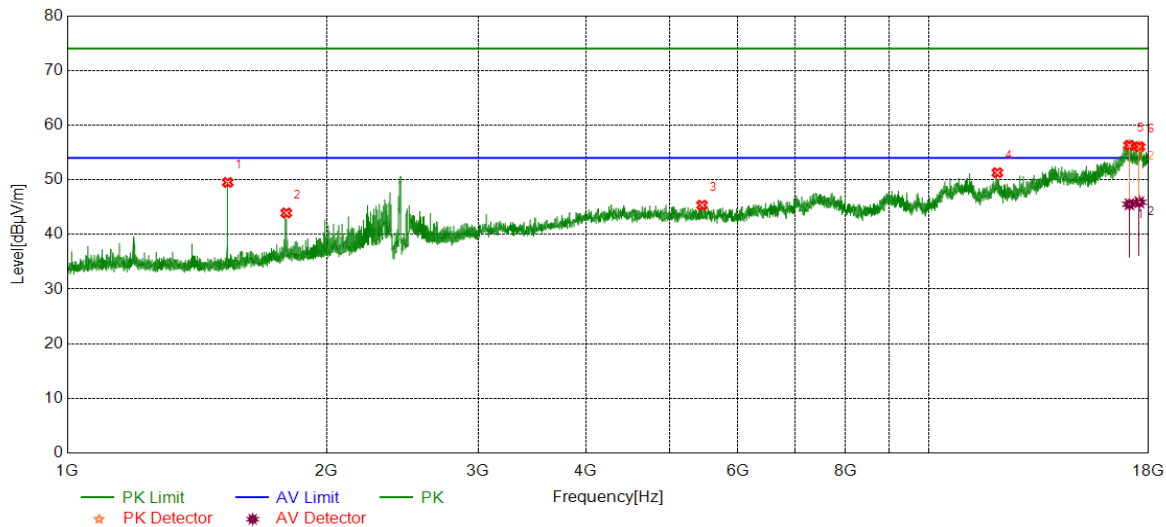


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	58.08	-5.68	52.40	74.00	-21.60	peak
2	2438.1798	51.58	-1.06	50.52	74.00	-23.48	peak
3	4327.6660	40.26	4.74	45.00	74.00	-29.00	peak
4	10887.2359	38.17	12.30	50.47	74.00	-23.53	peak
5	16961.1201	36.57	19.77	56.34	74.00	-17.66	peak
		26.58	19.77	46.35	54.00	-7.65	average
6	17954.9944	38.05	18.42	56.47	74.00	-17.53	peak
		27.03	18.42	45.45	54.00	-8.55	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
7. 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

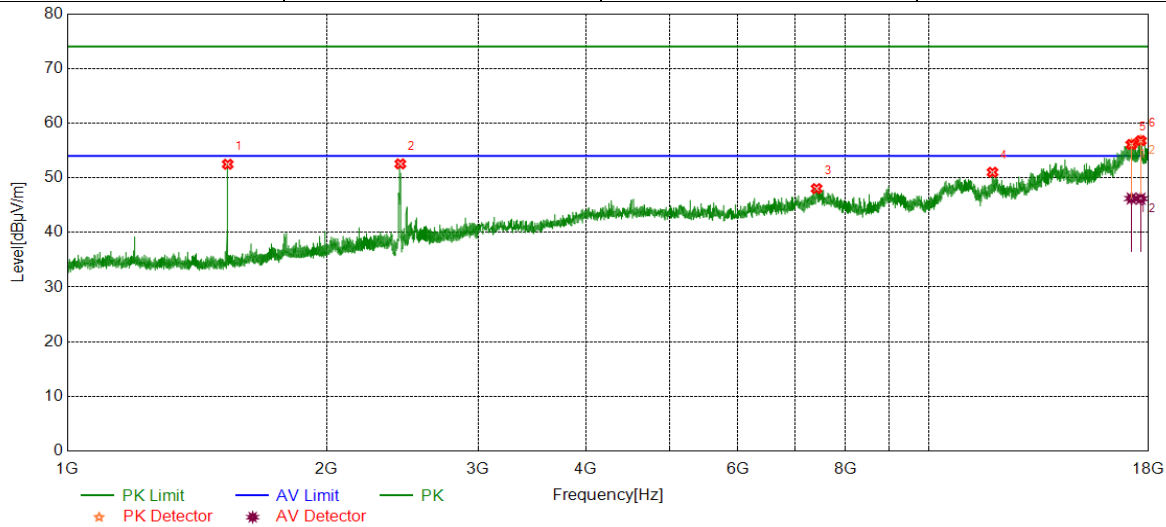


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.20	-5.68	49.52	74.00	-24.48	peak
2	1795.8495	47.85	-3.92	43.93	74.00	-30.07	peak
3	5456.5571	39.81	5.55	45.36	74.00	-28.64	peak
4	12012.3765	38.34	12.95	51.29	74.00	-22.71	peak
5	17096.1370	37.96	18.35	56.31	74.00	-17.69	peak
		27.17	18.35	45.52	54.00	-8.48	average
6	17559.3199	37.22	18.82	56.04	74.00	-17.96	peak
		27.07	18.82	45.89	54.00	-8.11	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
7. 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



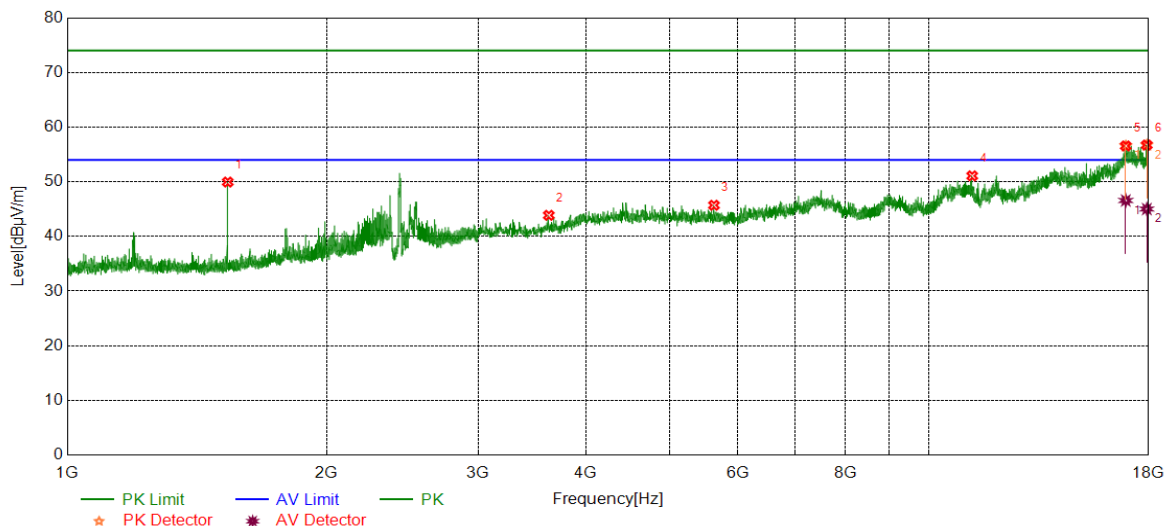
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	58.15	-5.68	52.47	74.00	-21.53	peak
2	2436.1795	53.62	-1.08	52.54	74.00	-21.46	peak
3	7410.5513	38.82	9.20	48.02	74.00	-25.98	peak
4	11858.6073	38.48	12.53	51.01	74.00	-22.99	peak
5	17193.6492	37.34	18.76	56.10	74.00	-17.90	peak
		27.45	18.76	46.21	54.00	-7.79	average
6	17624.9531	38.00	18.79	56.79	74.00	-17.21	peak
		27.39	18.79	46.18	54.00	-7.82	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
7. 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



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.63	-5.68	49.95	74.00	-24.05	peak
2	3622.5778	41.27	2.59	43.86	74.00	-30.14	peak
3	5632.8291	40.51	5.20	45.71	74.00	-28.29	peak
4	11232.2790	38.92	12.16	51.08	74.00	-22.92	peak
5	16932.9916	37.47	19.09	56.56	74.00	-17.44	peak
		27.49	19.09	46.58	54.00	-7.42	average
6	17911.8640	38.41	18.31	56.72	74.00	-17.28	peak
		26.70	18.31	45.01	54.00	-8.99	average

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

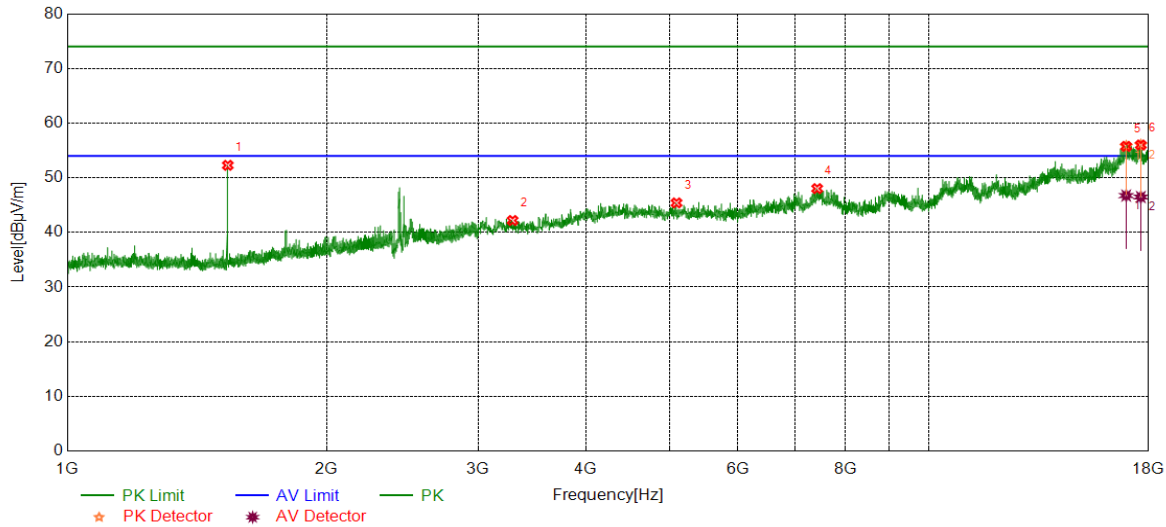
5. AVG: VBW refer to section 7.1.

6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.

7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS

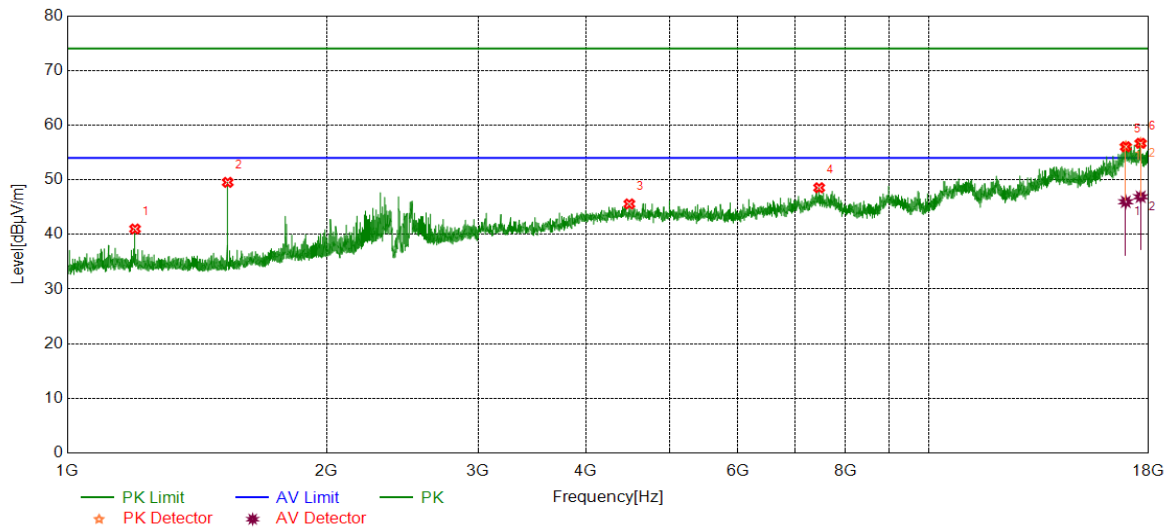


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1536.0670	57.96	-5.68	52.28	74.00	-21.72	peak
2	3288.7861	40.06	2.12	42.18	74.00	-31.82	peak
3	5096.5121	40.47	4.93	45.40	74.00	-28.60	peak
4	7421.8027	38.96	9.06	48.02	74.00	-25.98	peak
5	16951.7440	36.43	19.32	55.75	74.00	-18.25	peak
		27.42	19.32	46.74	54.00	-7.26	average
6	17628.7036	37.15	18.85	56.00	74.00	-18.00	peak
		27.63	18.85	46.48	54.00	-7.52	average

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.7748	46.54	-5.54	41.00	74.00	-33.00	peak
2	1535.8170	55.21	-5.68	49.53	74.00	-24.47	peak
3	4492.6866	40.73	4.85	45.58	74.00	-28.42	peak
4	7461.1826	39.20	9.34	48.54	74.00	-25.46	peak
5	16932.9916	36.96	19.09	56.05	74.00	-17.95	peak
		26.88	19.09	45.97	54.00	-8.03	average
6	17621.2027	37.95	18.73	56.68	74.00	-17.32	peak
		28.16	18.73	46.89	54.00	-7.11	average

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

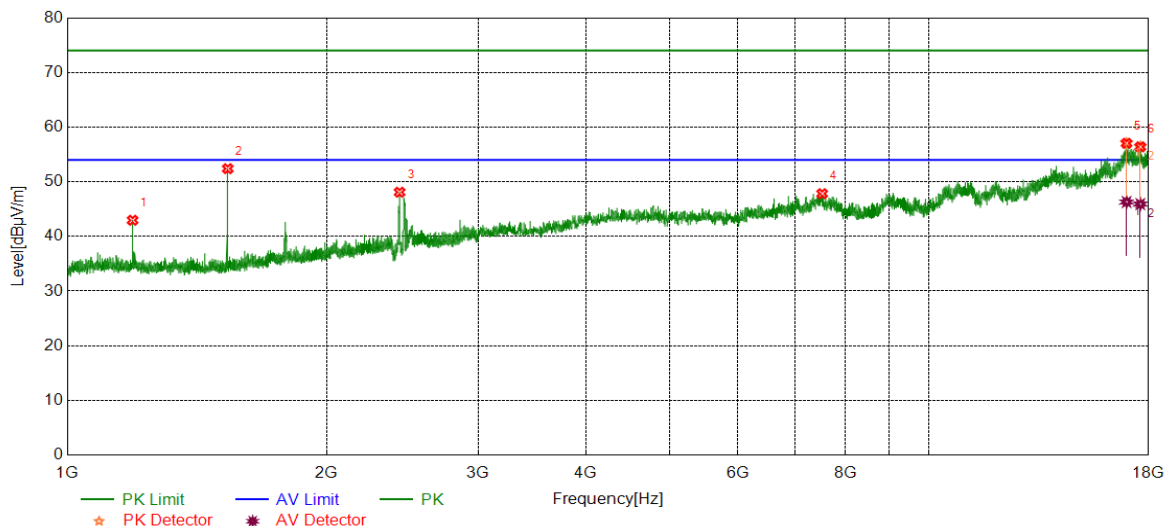
5. AVG: VBW refer to section 7.1.

6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.

7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1191.0239	48.51	-5.55	42.96	74.00	-31.04	peak
2	1535.8170	58.08	-5.68	52.40	74.00	-21.60	peak
3	2431.4289	49.20	-1.11	48.09	74.00	-25.91	peak
4	7521.1901	38.67	9.16	47.83	74.00	-26.17	peak
5	16968.6211	37.17	19.88	57.05	74.00	-16.95	peak
		26.42	19.88	46.30	54.00	-7.70	average
6	17606.2008	37.68	18.72	56.40	74.00	-17.60	peak
		27.20	18.72	45.92	54.00	-8.08	average

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

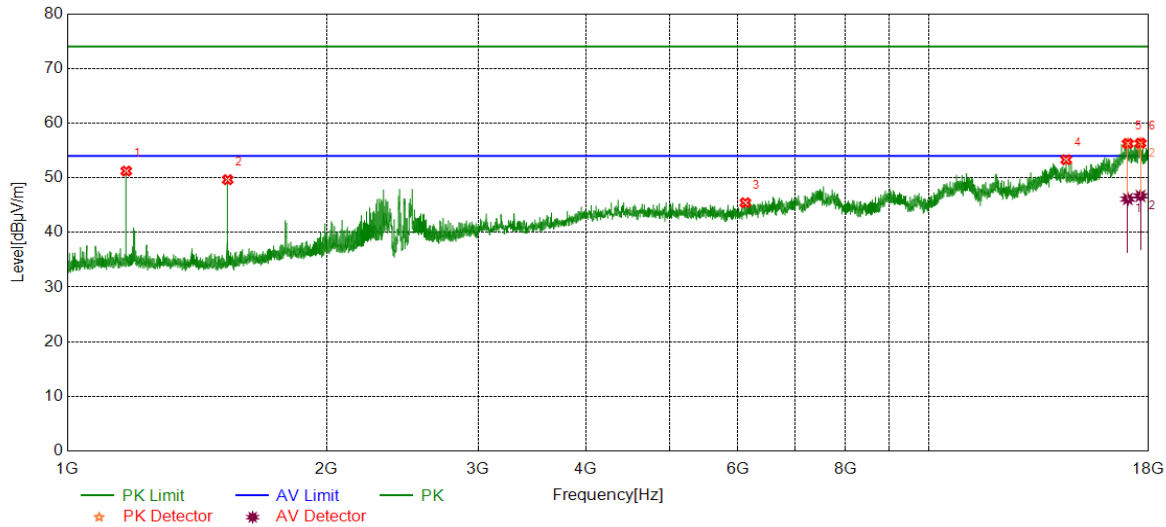
5. AVG: VBW refer to section 7.1.

6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.

7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1171.0214	56.65	-5.42	51.23	74.00	-22.77	peak
2	1535.8170	55.33	-5.68	49.65	74.00	-24.35	peak
3	6126.0158	39.41	6.02	45.43	74.00	-28.57	peak
4	14440.8051	38.37	14.93	53.30	74.00	-20.70	peak
5	17024.8781	36.89	19.38	56.27	74.00	-17.73	peak
		26.73	19.38	46.11	54.00	-7.89	average
6	17615.5769	37.63	18.71	56.34	74.00	-17.66	peak
		27.97	18.71	46.68	54.00	-7.32	average

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

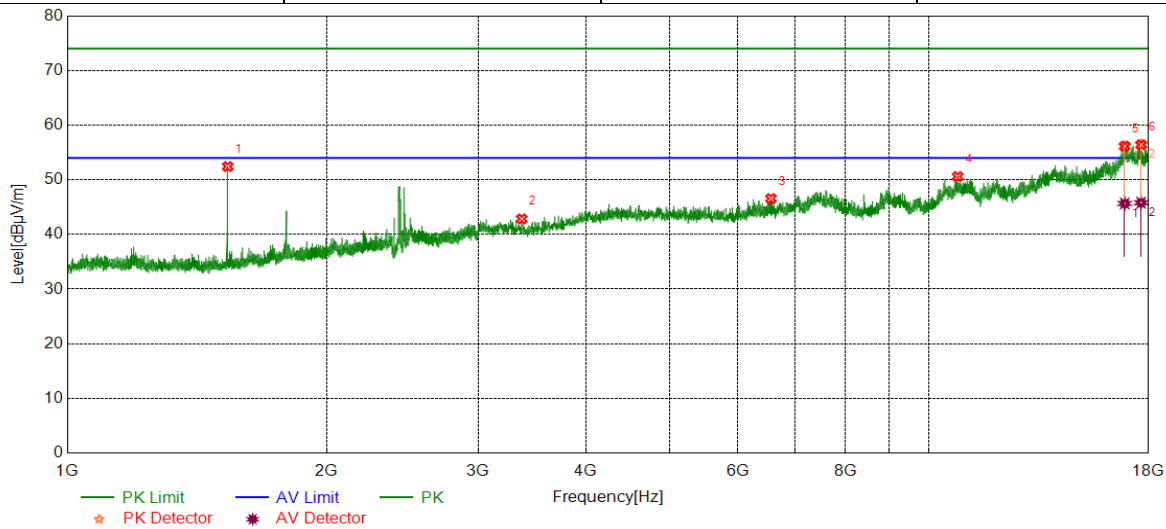
5. AVG: VBW refer to section 7.1.

6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.

7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	58.10	-5.68	52.42	74.00	-21.58	peak
2	3369.4212	40.79	2.05	42.84	74.00	-31.16	peak
3	6561.0701	38.99	7.57	46.56	74.00	-27.44	peak
4	10804.7256	38.50	12.09	50.59	74.00	-23.41	peak
5	16884.2355	37.97	18.18	56.15	74.00	-17.85	peak
		27.48	18.18	45.66	54.00	-8.34	average
6	17643.7055	37.75	18.66	56.41	74.00	-17.59	peak
		27.14	18.66	45.80	54.00	-8.20	average

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Peak: Peak detector.

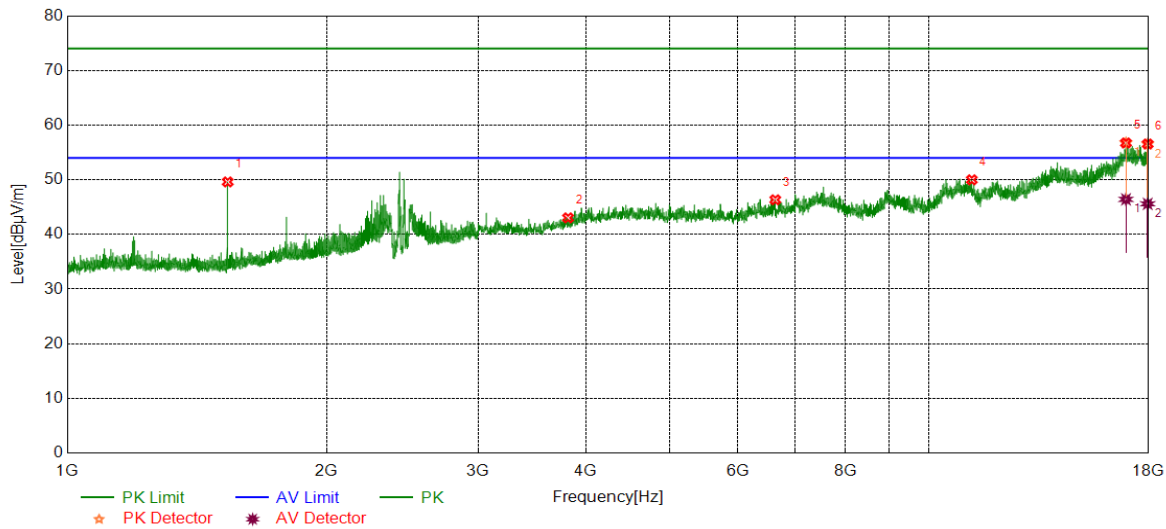
5. AVG: VBW refer to section 7.1.

6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.

7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.29	-5.68	49.61	74.00	-24.39	peak
2	3813.8517	39.63	3.40	43.03	74.00	-30.97	peak
3	6636.0795	38.16	8.18	46.34	74.00	-27.66	peak
4	11221.0276	37.73	12.26	49.99	74.00	-24.01	peak
5	16942.3678	37.38	19.36	56.74	74.00	-17.26	peak
		27.06	19.36	46.42	54.00	-7.58	average
6	17954.9944	38.13	18.42	56.55	74.00	-17.45	peak
		27.18	18.42	45.60	54.00	-8.40	average

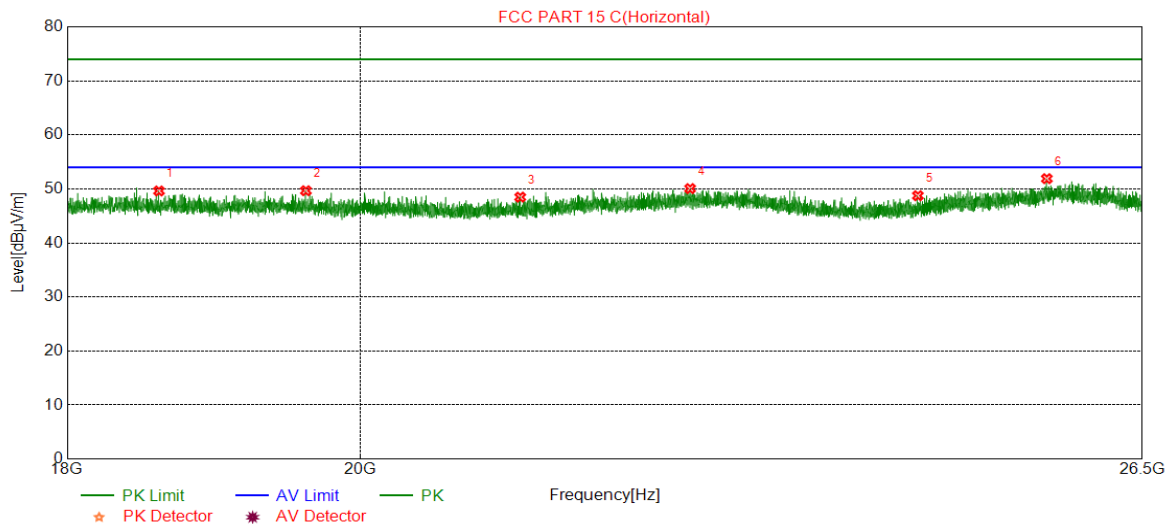
- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**Part II: 18GHz~26.5GHz**

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

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



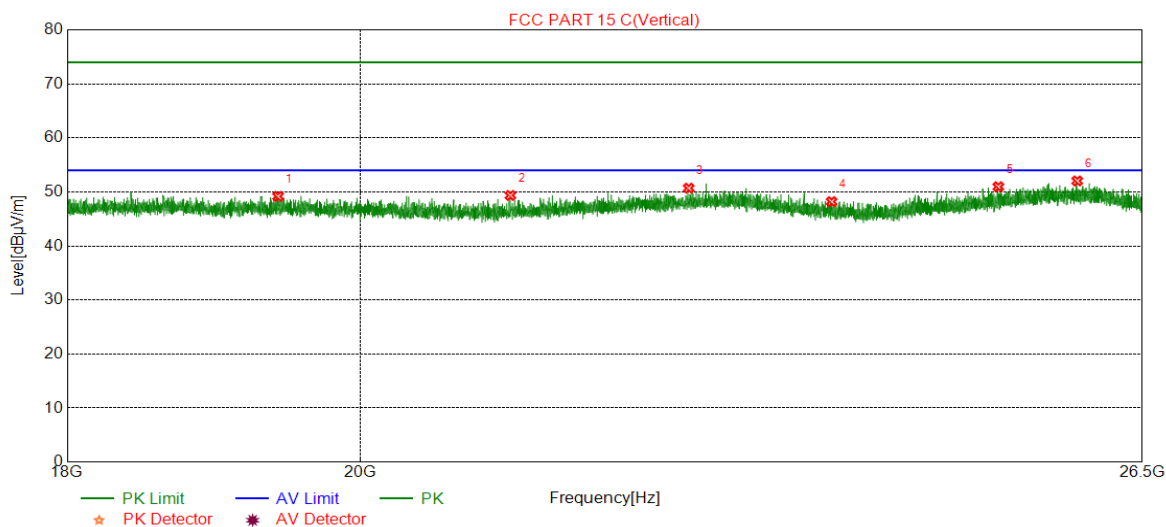
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18604.4104	50.59	-0.97	49.62	74.00	-24.38	peak
2	19614.3114	50.35	-0.69	49.66	74.00	-24.34	peak
3	21186.9687	49.30	-0.82	48.48	74.00	-25.52	peak
4	22522.4522	49.24	0.82	50.06	74.00	-23.94	peak
5	24446.1946	49.39	-0.65	48.74	74.00	-25.26	peak
6	25607.4107	50.86	1.03	51.89	74.00	-22.11	peak

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.





Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	19418.7919	49.95	-0.78	49.17	74.00	-24.83	peak
2	21112.1612	50.25	-0.90	49.35	74.00	-24.65	peak
3	22511.4011	49.88	0.81	50.69	74.00	-23.31	peak
4	23698.9699	48.78	-0.58	48.20	74.00	-25.80	peak
5	25164.5165	50.67	0.29	50.96	74.00	-23.04	peak
6	25888.7889	50.55	1.48	52.03	74.00	-21.97	peak

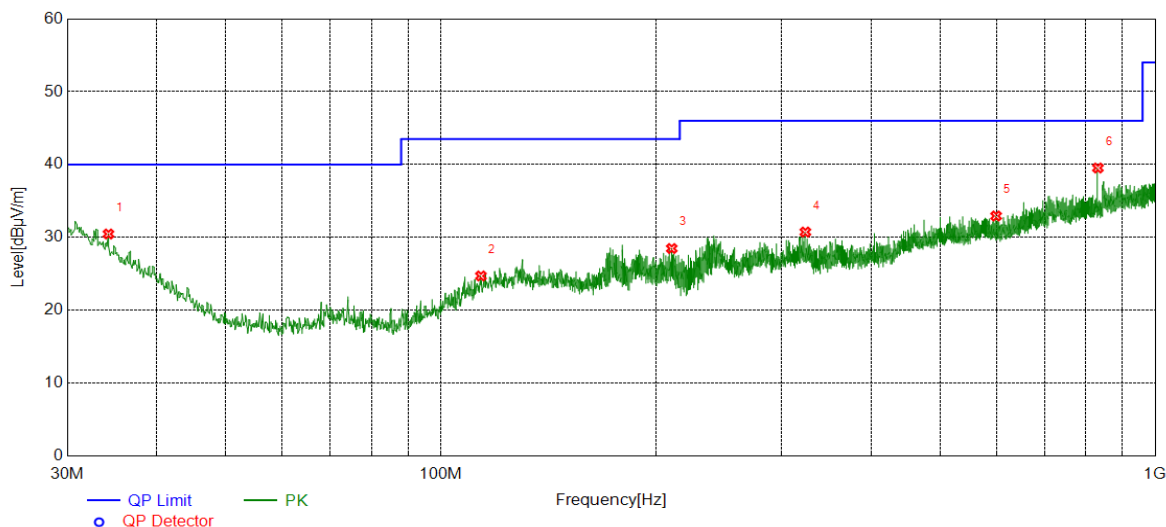
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
3. Measurement = Reading Level + Correct Factor.



**Part III: 30MHz~1GHz**

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

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

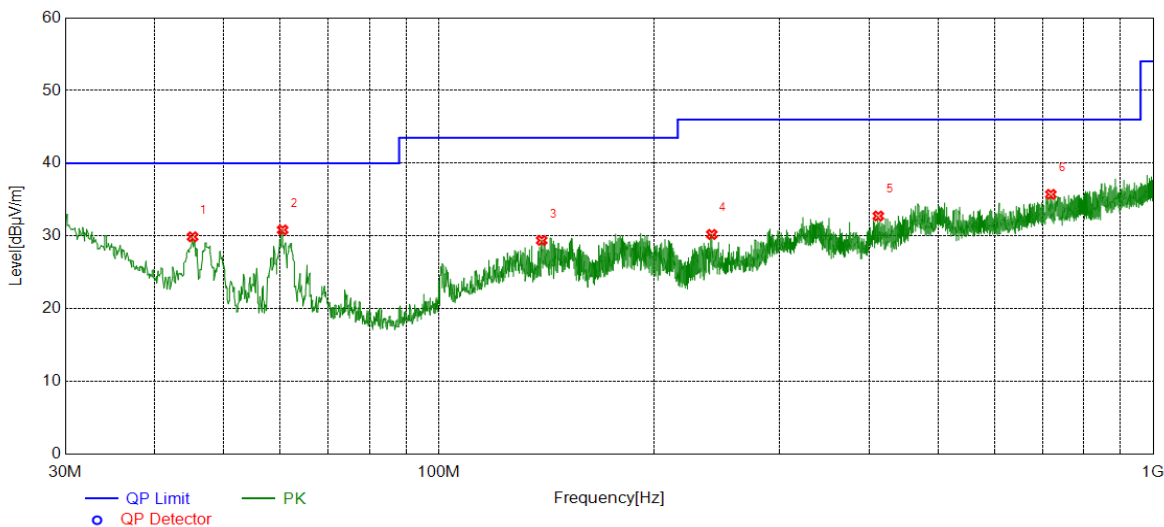


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	34.2684	6.02	24.45	30.47	40.00	-9.53	peak
2	113.8164	5.21	19.50	24.71	43.50	-18.79	peak
3	210.5351	9.81	18.67	28.48	43.50	-15.02	peak
4	323.8424	9.37	21.37	30.74	46.00	-15.26	peak
5	598.8649	6.33	26.61	32.94	46.00	-13.06	peak
6	831.3971	9.50	30.03	39.53	46.00	-6.47	peak

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



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	45.2305	12.30	17.59	29.89	40.00	-10.11	peak
2	60.4610	16.63	14.21	30.84	40.00	-9.16	peak
3	139.3299	9.16	20.23	29.39	43.50	-14.11	peak
4	241.0931	11.03	19.19	30.22	46.00	-15.78	peak
5	412.3152	9.23	23.52	32.75	46.00	-13.25	peak
6	719.0599	7.01	28.72	35.73	46.00	-10.27	peak

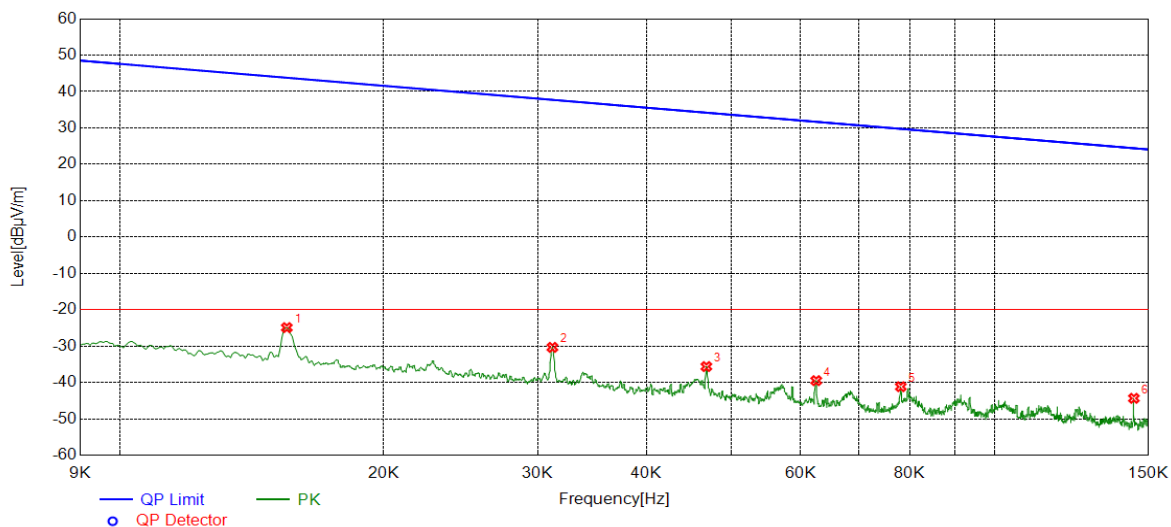
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.  
3. Measurement = Reading Level + Correct Factor.



**Part IV: 9KHz~30MHz**

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

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

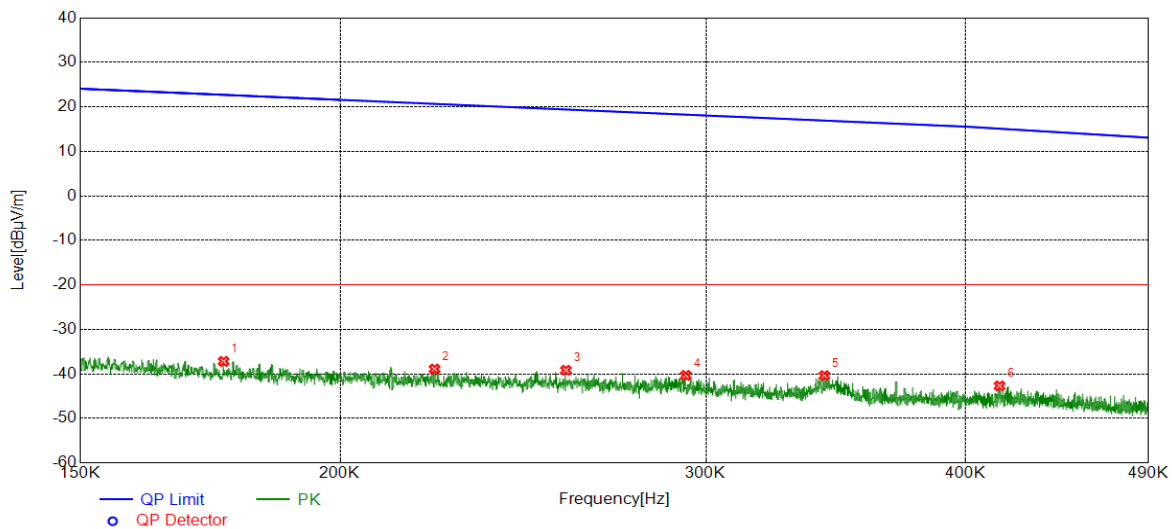


No.	Frequency	Reading	Correct	FCC Result	FCC Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	35.96	-60.88	-24.92	43.80	-68.72	peak
2	0.0312	30.46	-60.81	-30.35	37.71	-68.06	peak
3	0.0468	25.29	-60.92	-35.63	34.19	-69.82	peak
4	0.0625	21.64	-61.14	-39.50	31.69	-71.19	peak
5	0.0781	20.08	-61.25	-41.17	29.75	-70.92	peak
6	0.1443	16.81	-61.17	-44.36	24.42	-68.78	peak

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



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

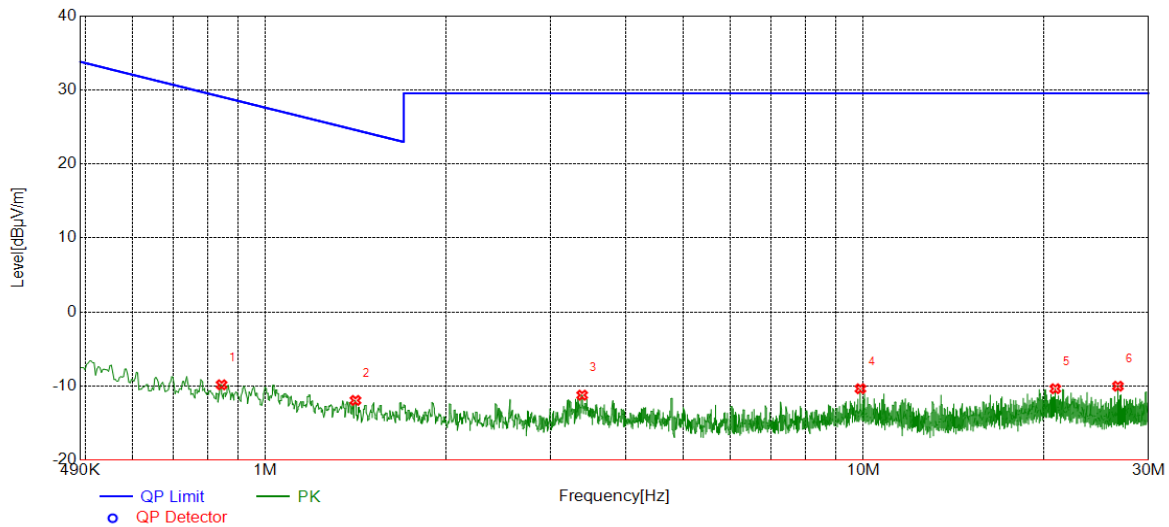


No.	Frequency	Reading	Correct	FCC Result	FCC Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1758	23.92	-61.10	-37.18	22.71	-59.89	peak
2	0.2221	21.97	-60.87	-38.90	20.67	-59.57	peak
3	0.2569	21.54	-60.72	-39.18	19.41	-58.59	peak
4	0.2934	20.35	-60.69	-40.34	18.25	-58.59	peak
5	0.3421	20.27	-60.65	-40.38	16.92	-57.30	peak
6	0.4154	17.90	-60.59	-42.69	15.10	-57.79	peak

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



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



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.8442	10.66	-20.49	-9.83	29.07	-38.90	peak
2	1.4138	8.30	-20.24	-11.94	24.59	-36.53	peak
3	3.3852	9.02	-20.25	-11.23	29.54	-40.77	peak
4	9.8869	8.45	-18.81	-10.36	29.54	-39.90	peak
5	20.9425	6.98	-17.34	-10.36	29.54	-39.90	peak
6	26.6532	7.86	-17.88	-10.02	29.54	-39.56	peak

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

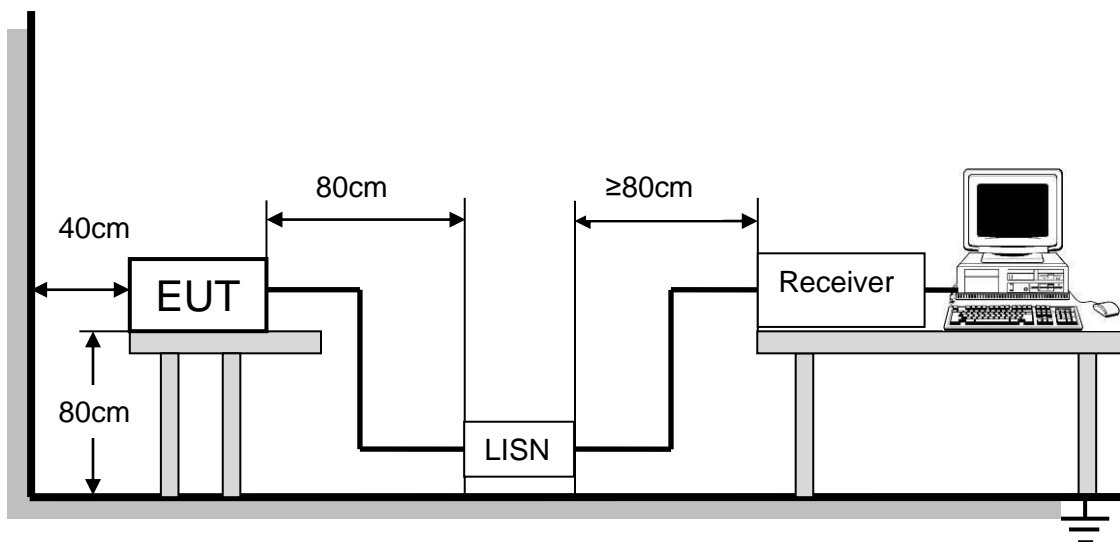
## 7.7. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

Please refer to FCC §15.207 (a)

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

### TEST SETUP AND PROCEDURE

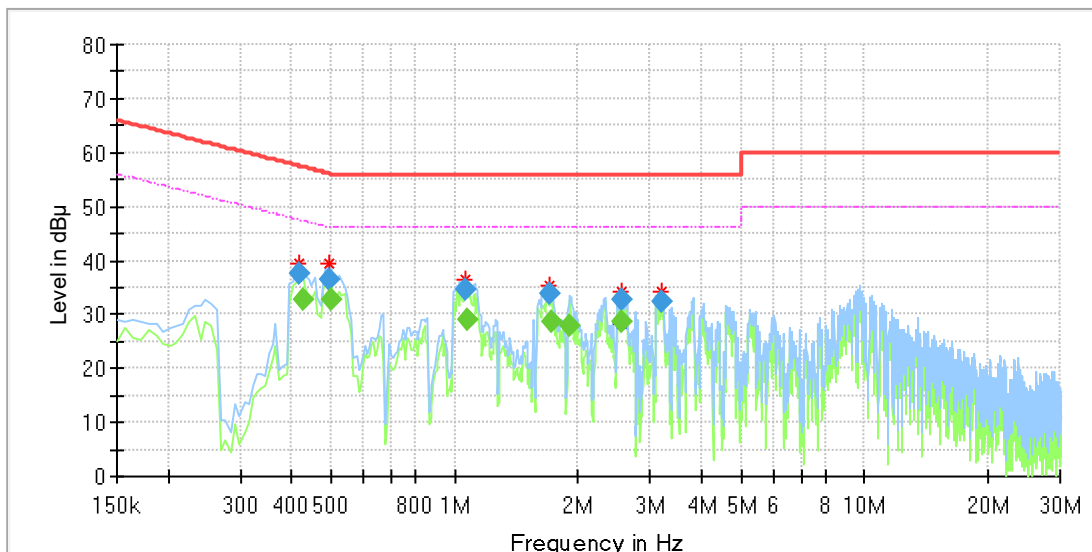


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3)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

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

## TEST RESULTS (WORST CASE CONFIGURATION)

For L Line:



## Final Result

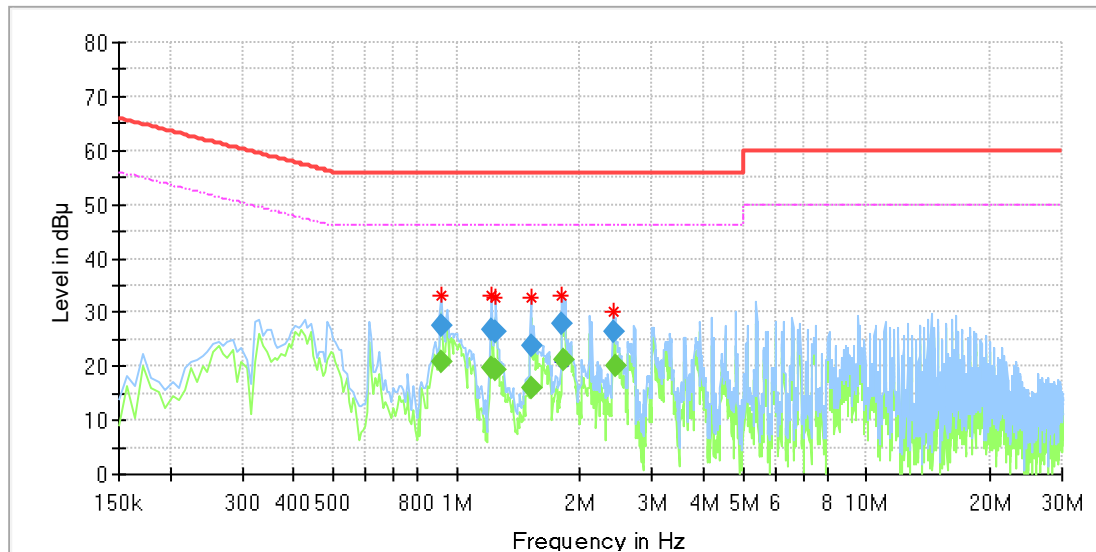
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.418650	37.60	---	57.48	19.87	1000.0	9.000	L1	OFF	9.7
0.426113	---	32.87	47.33	14.46	1000.0	9.000	L1	OFF	9.7
0.493275	36.41	---	56.11	19.71	1000.0	9.000	L1	OFF	9.7
0.500738	---	32.81	46.00	13.19	1000.0	9.000	L1	OFF	9.7
1.060425	34.60	---	56.00	21.40	1000.0	9.000	L1	OFF	9.6
1.075350	---	29.13	46.00	16.87	1000.0	9.000	L1	OFF	9.6
1.709663	33.89	---	56.00	22.11	1000.0	9.000	L1	OFF	9.6
1.717125	---	28.71	46.00	17.29	1000.0	9.000	L1	OFF	9.6
1.911150	---	27.92	46.00	18.08	1000.0	9.000	L1	OFF	9.6
2.560388	32.83	---	56.00	23.17	1000.0	9.000	L1	OFF	9.8
2.560388	---	28.55	46.00	17.45	1000.0	9.000	L1	OFF	9.8
3.194700	32.51	---	56.00	23.49	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 LCH of 11B which is the worst case, so only the worst case is included in this test report.





**For N Line:**



**Final\_Result**

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.918638	---	20.76	46.00	25.24	1000.0	9.000	N	OFF	9.7
0.918638	27.58	---	56.00	28.42	1000.0	9.000	N	OFF	9.7
1.217138	---	19.81	46.00	26.19	1000.0	9.000	N	OFF	9.7
1.217138	26.77	---	56.00	29.23	1000.0	9.000	N	OFF	9.7
1.246988	---	19.46	46.00	26.54	1000.0	9.000	N	OFF	9.6
1.246988	26.59	---	56.00	29.41	1000.0	9.000	N	OFF	9.6
1.515638	23.81	---	56.00	32.19	1000.0	9.000	N	OFF	9.5
1.515638	---	15.86	46.00	30.14	1000.0	9.000	N	OFF	9.5
1.806675	28.05	---	56.00	27.95	1000.0	9.000	N	OFF	9.7
1.814138	---	21.06	46.00	24.94	1000.0	9.000	N	OFF	9.7
2.411138	26.46	---	56.00	29.54	1000.0	9.000	N	OFF	9.5
2.433525	---	20.07	46.00	25.93	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 LCH of 11B which is the worst case, so only the worst case is included in this test report.



## 8. 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 CONNECTOR

EUT has a EUT with one Dipole antenna.

### ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi.

**END OF REPORT**