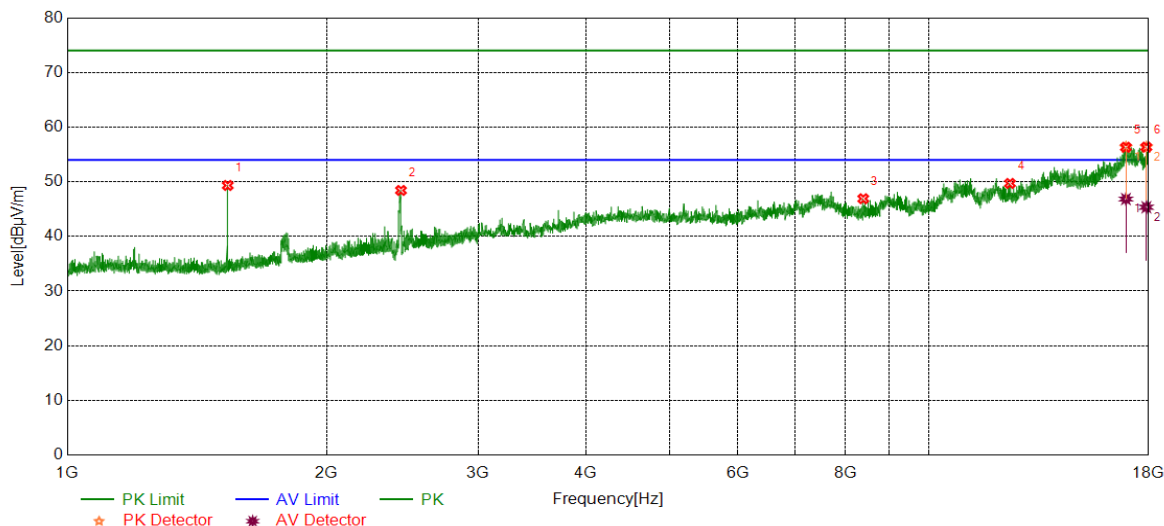




Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS

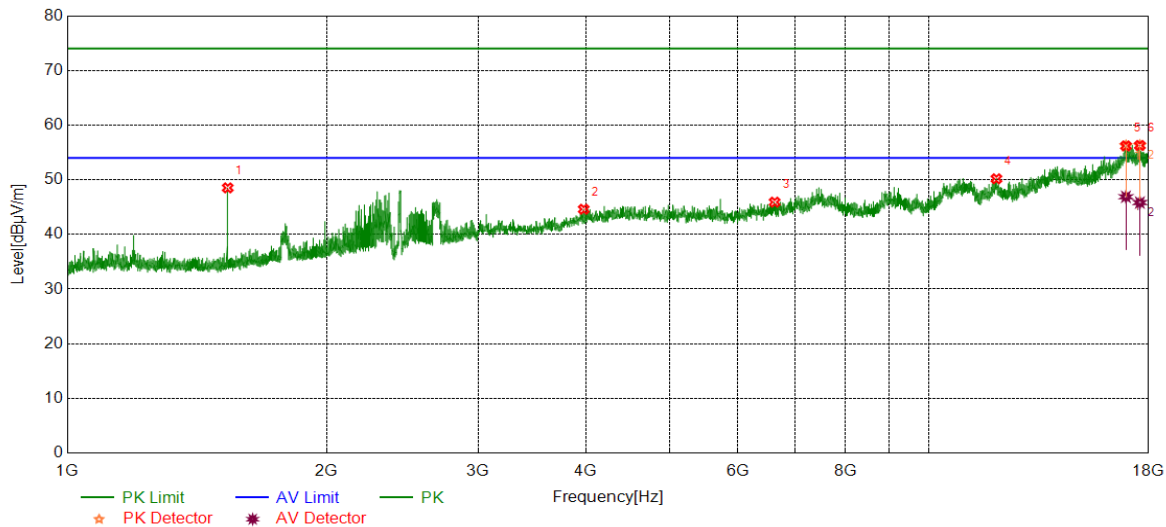


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.01	-5.68	49.33	74.00	-24.67	peak
2	2440.1800	49.47	-1.05	48.42	74.00	-25.58	peak
3	8395.0494	40.01	6.89	46.90	74.00	-27.10	peak
4	12426.8034	38.06	11.64	49.70	74.00	-24.30	peak
5	16940.4926	36.92	19.40	56.32	74.00	-17.68	peak
		27.44	19.40	46.84	54.00	-7.16	average
6	17891.2364	38.10	18.24	56.34	74.00	-17.66	peak
		27.10	18.24	45.34	54.00	-8.66	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

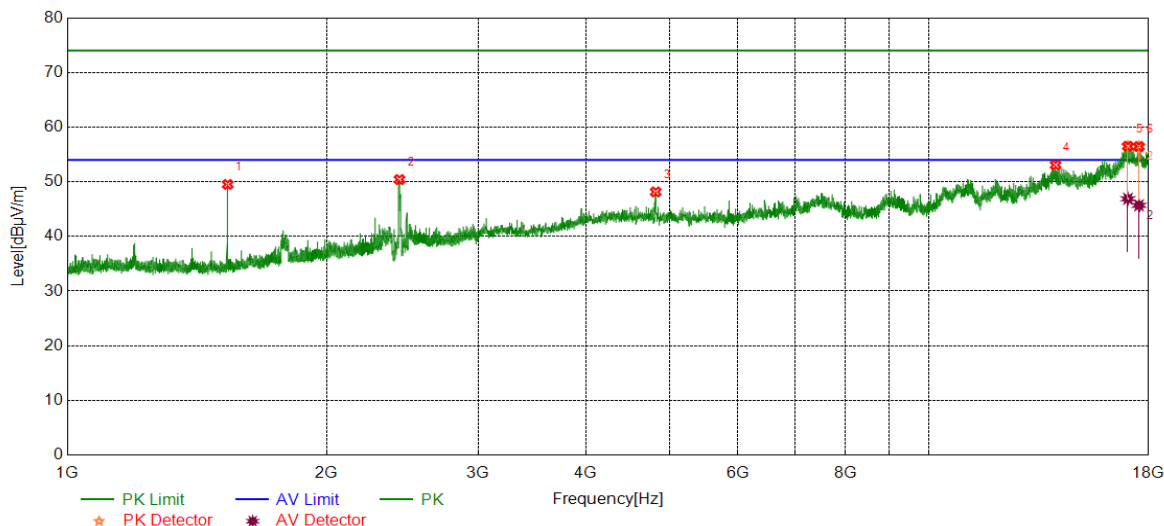


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	54.20	-5.68	48.52	74.00	-25.48	peak
2	3976.9971	40.60	4.01	44.61	74.00	-29.39	peak
3	6624.8281	37.69	8.22	45.91	74.00	-28.09	peak
4	11984.2480	37.07	13.11	50.18	74.00	-23.82	peak
5	16940.4926	36.80	19.40	56.20	74.00	-17.80	peak
		27.49	19.40	46.89	54.00	-7.11	average
6	17583.6980	37.40	18.88	56.28	74.00	-17.72	peak
		26.95	18.88	45.83	54.00	-8.17	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

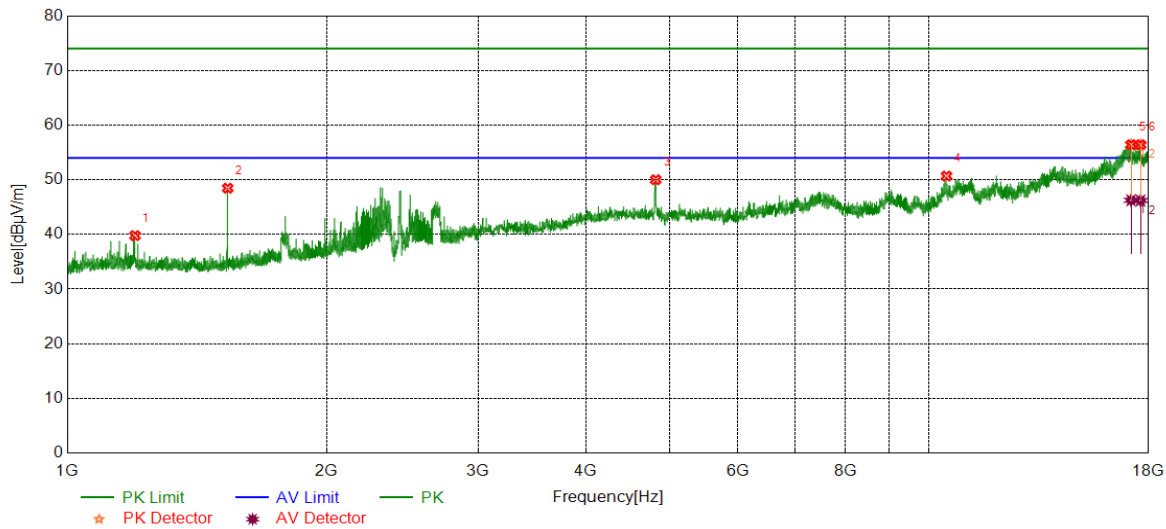


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.20	-5.68	49.52	74.00	-24.48	peak
2	2430.6788	51.53	-1.12	50.41	74.00	-23.59	peak
3	4820.8526	43.29	4.86	48.15	74.00	-25.85	peak
4	14037.6297	37.55	15.52	53.07	74.00	-20.93	peak
5	17028.6286	37.03	19.47	56.50	74.00	-17.50	peak
		27.42	19.47	46.89	54.00	-7.11	average
6	17542.4428	38.17	18.29	56.46	74.00	-17.54	peak
		27.40	18.29	45.69	54.00	-8.31	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

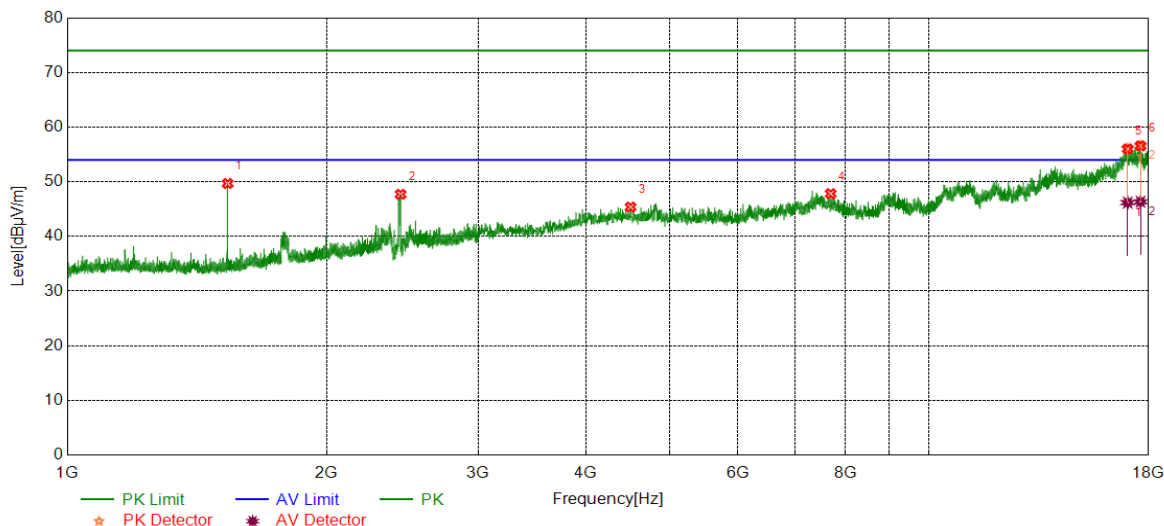


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.7748	45.32	-5.54	39.78	74.00	-34.22	peak
2	1535.8170	54.14	-5.68	48.46	74.00	-25.54	peak
3	4820.8526	45.15	4.86	50.01	74.00	-23.99	peak
4	10487.8110	38.82	11.85	50.67	74.00	-23.33	peak
5	17176.7721	37.84	18.58	56.42	74.00	-17.58	peak
		27.67	18.58	46.25	54.00	-7.75	average
6	17617.4522	37.70	18.71	56.41	74.00	-17.59	peak
		27.51	18.71	46.22	54.00	-7.78	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

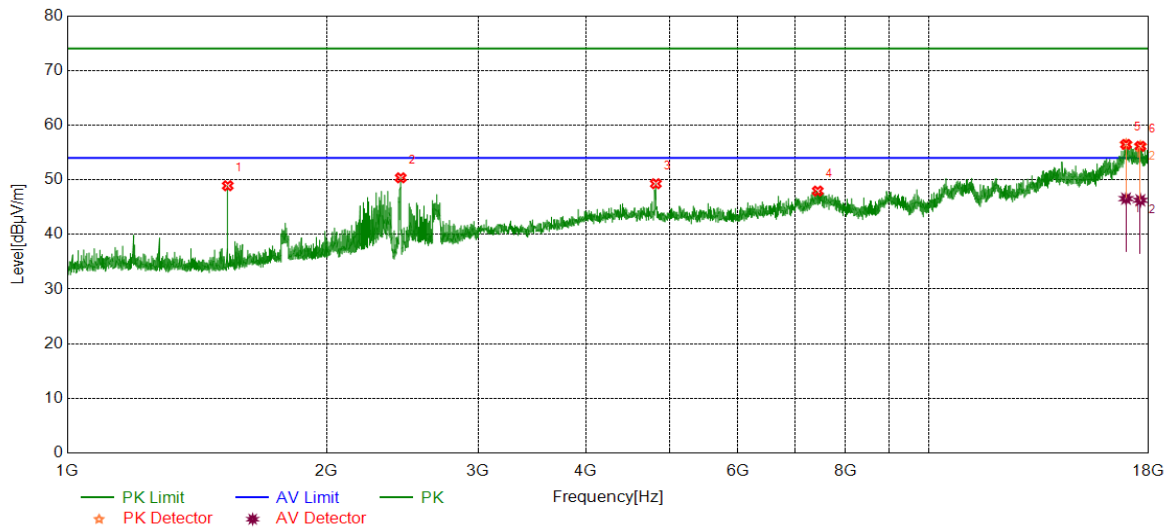


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.5669	55.38	-5.69	49.69	74.00	-24.31	peak
2	2437.9297	48.77	-1.06	47.71	74.00	-26.29	peak
3	4507.6885	40.46	4.92	45.38	74.00	-28.62	peak
4	7695.5869	39.23	8.59	47.82	74.00	-26.18	peak
5	17019.2524	36.79	19.23	56.02	74.00	-17.98	peak
		26.96	19.23	46.19	54.00	-7.81	average
6	17615.5769	37.87	18.71	56.58	74.00	-17.42	peak
		27.64	18.71	46.35	54.00	-7.65	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

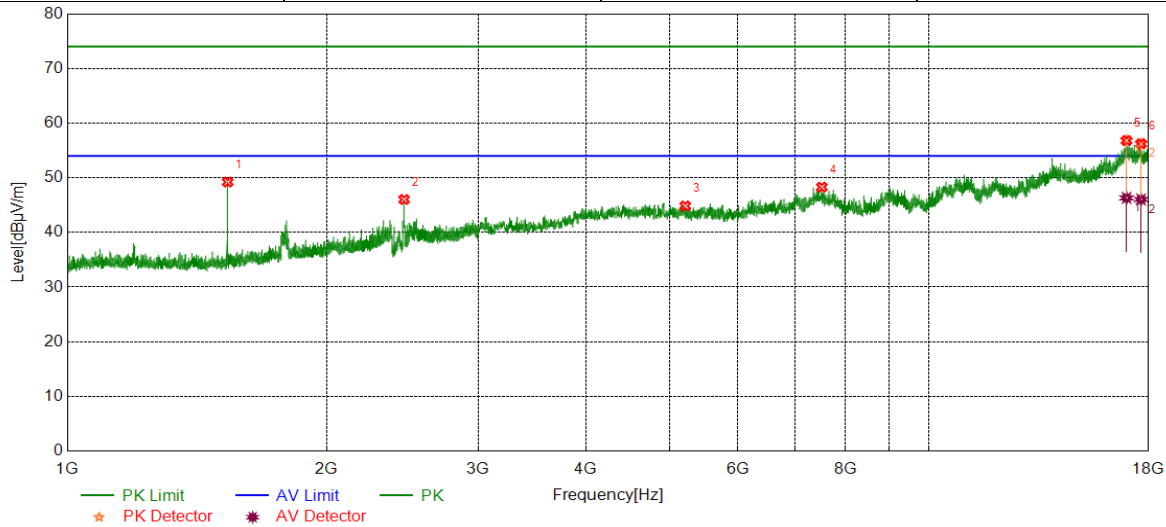


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	54.59	-5.68	48.91	74.00	-25.09	peak
2	2438.6798	51.42	-1.06	50.36	74.00	-23.64	peak
3	4822.7278	44.38	4.90	49.28	74.00	-24.72	peak
4	7433.0541	38.82	9.12	47.94	74.00	-26.06	peak
5	16946.1183	37.17	19.30	56.47	74.00	-17.53	peak
		27.25	19.30	46.55	54.00	-7.45	average
6	17608.0760	37.40	18.72	56.12	74.00	-17.88	peak
		27.53	18.72	46.25	54.00	-7.75	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

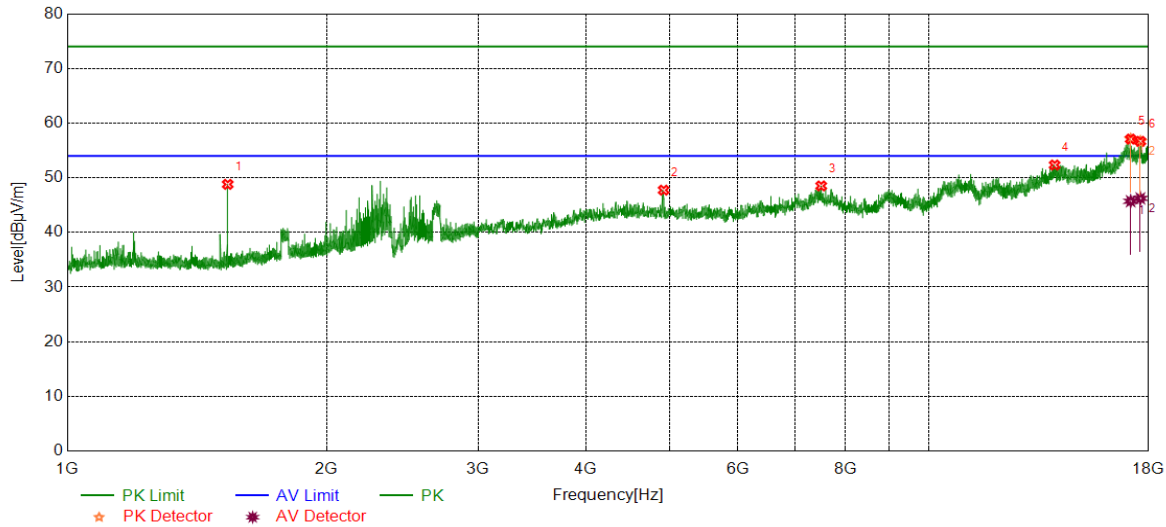


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.5669	54.91	-5.69	49.22	74.00	-24.78	peak
2	2460.6826	46.93	-0.90	46.03	74.00	-27.97	peak
3	5216.5271	39.57	5.27	44.84	74.00	-29.16	peak
4	7515.5644	39.16	9.13	48.29	74.00	-25.71	peak
5	16968.6211	36.94	19.88	56.82	74.00	-17.18	peak
		26.44	19.88	46.32	54.00	-7.68	average
6	17639.9550	37.62	18.61	56.23	74.00	-17.77	peak
		27.42	18.61	46.03	54.00	-7.97	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

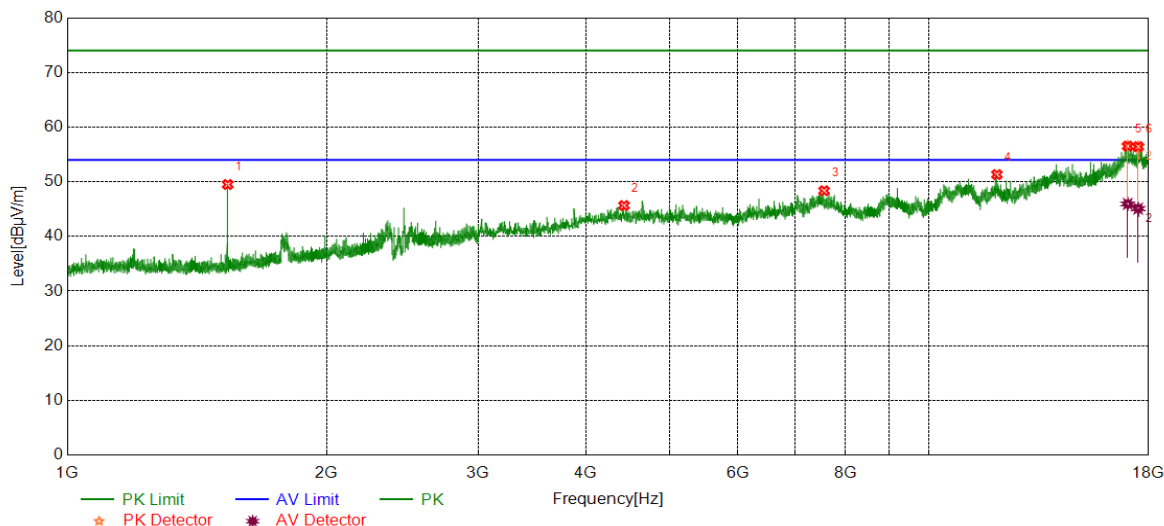


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	54.48	-5.68	48.80	74.00	-25.20	peak
2	4923.9905	42.66	5.08	47.74	74.00	-26.26	peak
3	7502.4378	39.34	9.17	48.51	74.00	-25.49	peak
4	14002.0003	37.21	15.13	52.34	74.00	-21.66	peak
5	17156.1445	38.27	18.81	57.08	74.00	-16.92	peak
		26.90	18.81	45.71	54.00	-8.29	average
6	17608.0760	37.95	18.72	56.67	74.00	-17.33	peak
		27.51	18.72	46.23	54.00	-7.77	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

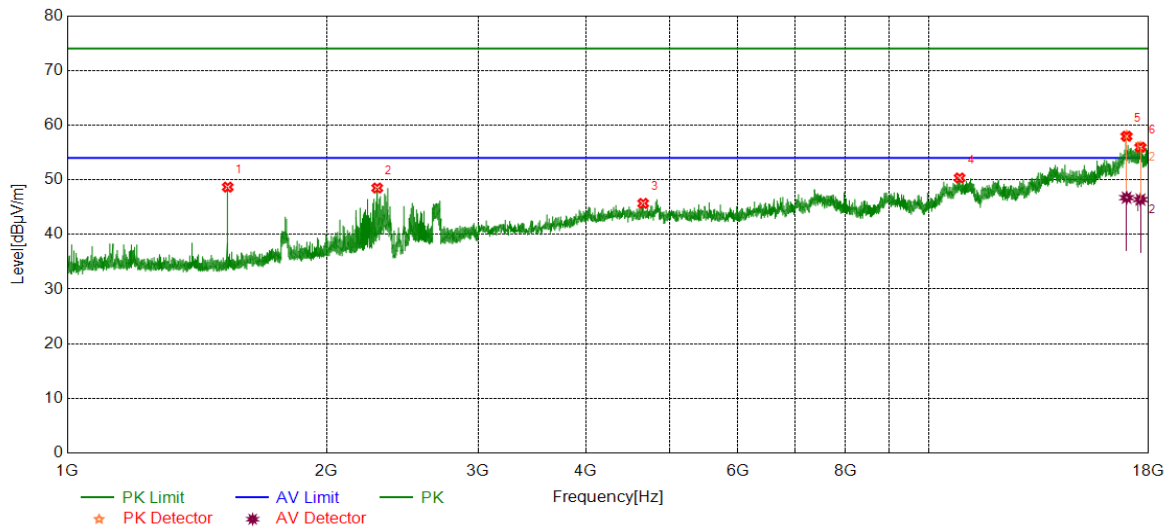


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.18	-5.68	49.50	74.00	-24.50	peak
2	4428.9286	40.65	5.00	45.65	74.00	-28.35	peak
3	7560.5701	39.01	9.35	48.36	74.00	-25.64	peak
4	11999.2499	38.11	13.21	51.32	74.00	-22.68	peak
5	17021.1276	37.24	19.29	56.53	74.00	-17.47	peak
		26.66	19.29	45.95	54.00	-8.05	average
6	17504.9381	37.97	18.46	56.43	74.00	-17.57	peak
		26.63	18.46	45.09	54.00	-8.91	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

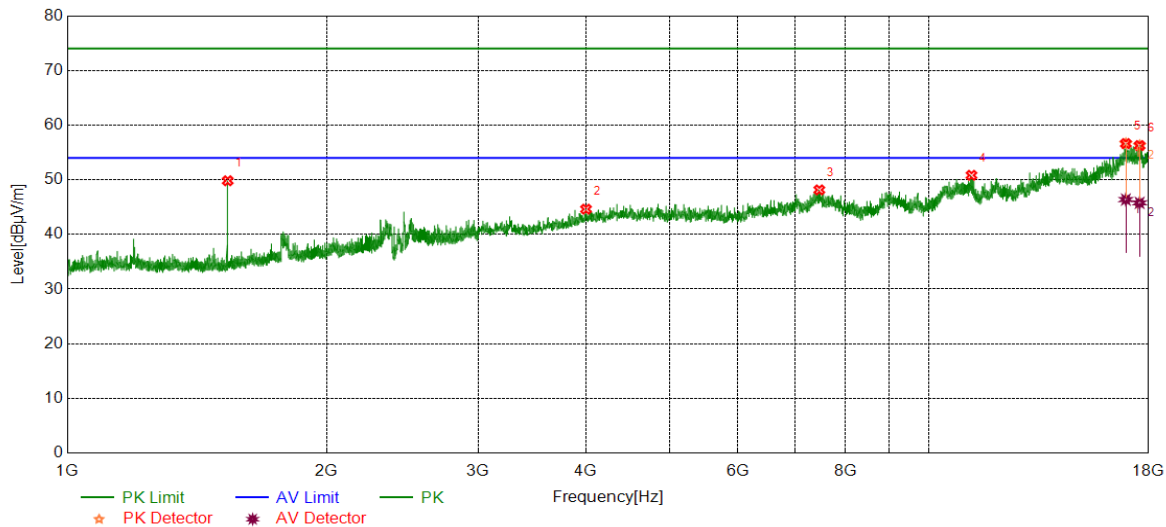


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	54.34	-5.68	48.66	74.00	-25.34	peak
2	2290.1613	50.53	-2.04	48.49	74.00	-25.51	peak
3	4661.4577	40.23	5.45	45.68	74.00	-28.32	peak
4	10860.9826	38.17	12.16	50.33	74.00	-23.67	peak
5	16970.4963	38.09	19.88	57.97	74.00	-16.03	peak
		26.84	19.88	46.72	54.00	-7.28	average
6	17613.7017	37.25	18.71	55.96	74.00	-18.04	peak
		27.67	18.71	46.38	54.00	-7.62	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

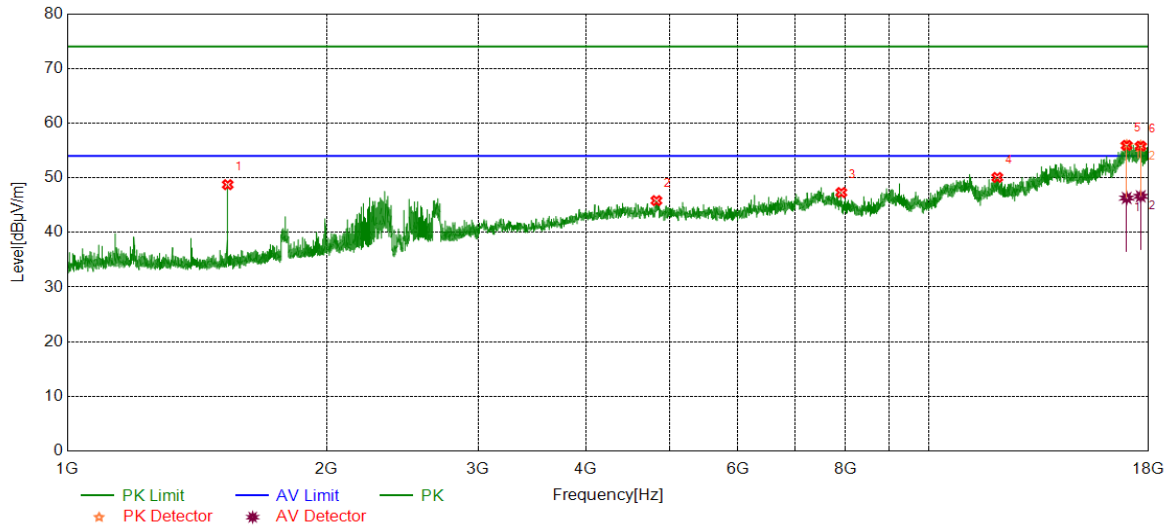


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.50	-5.68	49.82	74.00	-24.18	peak
2	4001.3752	40.37	4.25	44.62	74.00	-29.38	peak
3	7464.9331	38.85	9.30	48.15	74.00	-25.85	peak
4	11211.6515	38.51	12.31	50.82	74.00	-23.18	peak
5	16936.7421	37.36	19.26	56.62	74.00	-17.38	peak
		27.12	19.26	46.38	54.00	-7.62	average
6	17572.4466	37.15	19.11	56.26	74.00	-17.74	peak
		26.67	19.11	45.78	54.00	-8.22	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

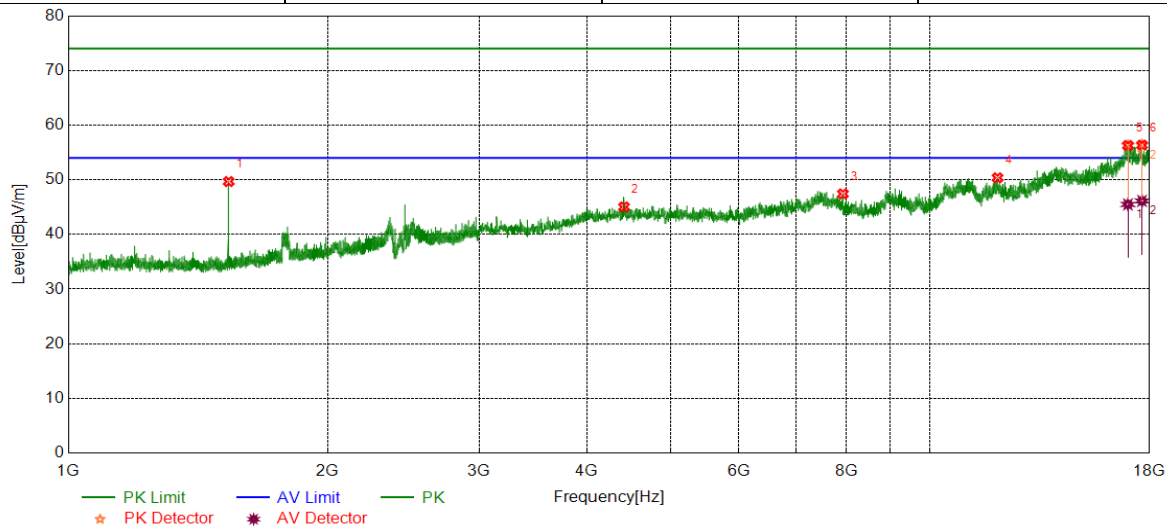


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	54.42	-5.68	48.74	74.00	-25.26	peak
2	4830.2288	40.78	5.04	45.82	74.00	-28.18	peak
3	7916.8646	39.61	7.69	47.30	74.00	-26.70	peak
4	12012.3765	37.11	12.95	50.06	74.00	-23.94	peak
5	16974.2468	36.20	19.73	55.93	74.00	-18.07	peak
		26.57	19.73	46.30	54.00	-7.70	average
6	17623.0779	37.03	18.76	55.79	74.00	-18.21	peak
		27.85	18.76	46.61	54.00	-7.39	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

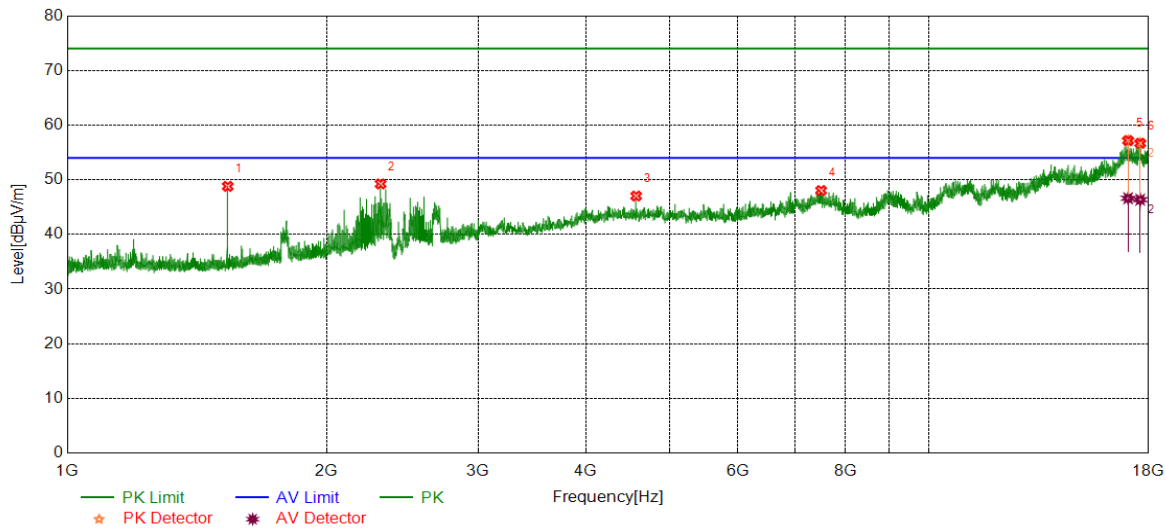


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.36	-5.68	49.68	74.00	-24.32	peak
2	4417.6772	40.08	4.95	45.03	74.00	-28.97	peak
3	7929.9912	39.78	7.64	47.42	74.00	-26.58	peak
4	11987.9985	37.13	13.23	50.36	74.00	-23.64	peak
5	16985.4982	37.08	19.20	56.28	74.00	-17.72	peak
		26.29	19.20	45.49	54.00	-8.51	average
6	17638.0798	37.69	18.66	56.35	74.00	-17.65	peak
		27.47	18.66	46.13	54.00	-7.87	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	54.48	-5.68	48.80	74.00	-25.20	peak
2	2311.1639	50.92	-1.68	49.24	74.00	-24.76	peak
3	4575.1969	42.07	4.96	47.03	74.00	-26.97	peak
4	7500.5626	38.85	9.18	48.03	74.00	-25.97	peak
5	17038.0048	37.68	19.50	57.18	74.00	-16.82	peak
		27.12	19.50	46.62	54.00	-7.38	average
6	17600.5751	37.98	18.71	56.69	74.00	-17.31	peak
		27.65	18.71	46.36	54.00	-7.64	average

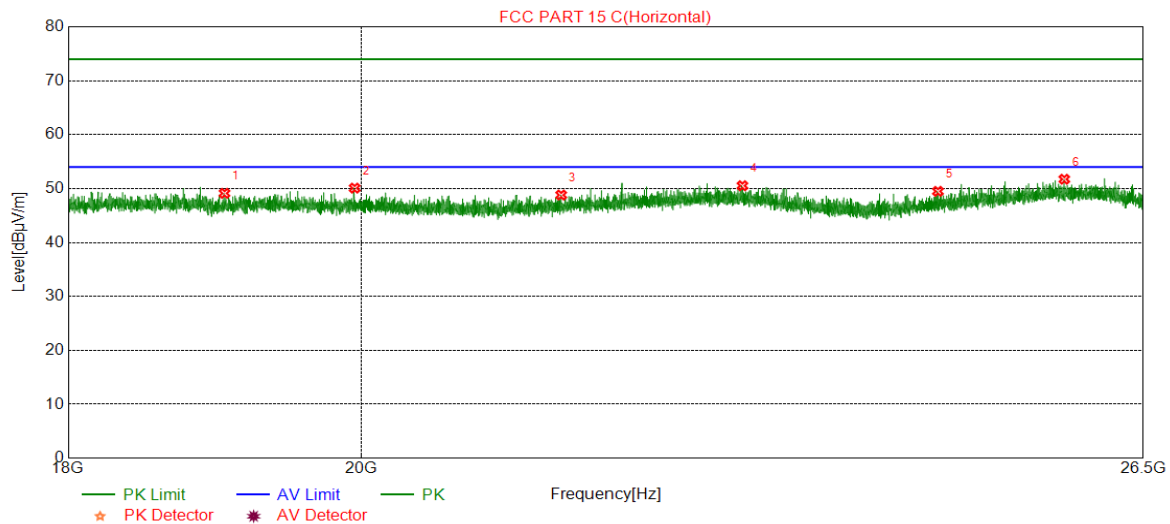
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.1.
6. For below 3GHz part, filter losses were 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

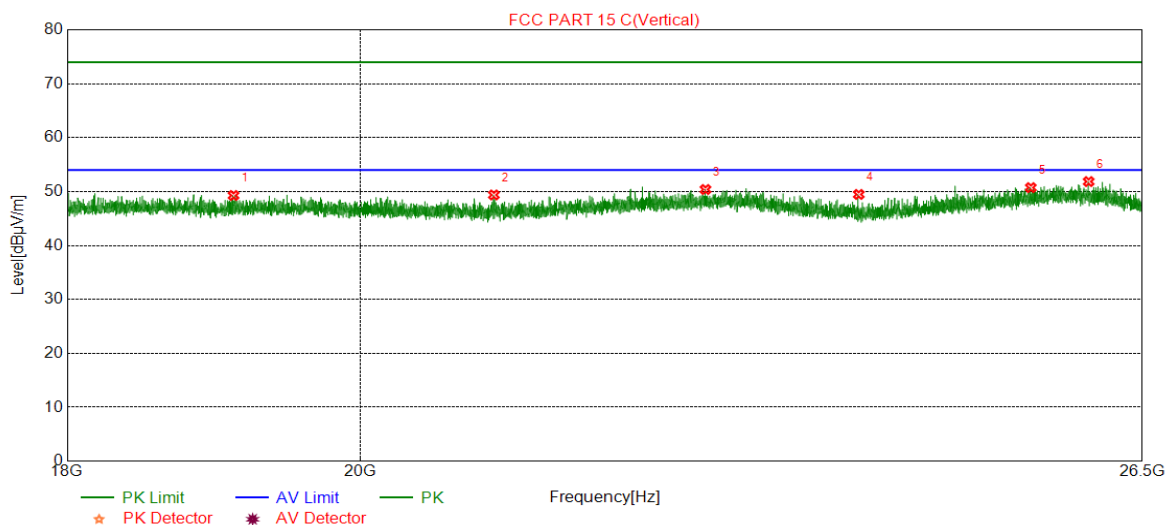


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	19041.3541	50.22	-1.10	49.12	74.00	-24.88	peak
2	19954.3454	50.62	-0.54	50.08	74.00	-23.92	peak
3	21493.8494	49.32	-0.52	48.80	74.00	-25.20	peak
4	22942.3942	49.33	1.19	50.52	74.00	-23.48	peak
5	24614.5115	49.91	-0.42	49.49	74.00	-24.51	peak
6	25759.5760	50.45	1.28	51.73	74.00	-22.27	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	19110.2110	50.30	-1.03	49.27	74.00	-24.73	peak
2	20987.1987	50.37	-1.00	49.37	74.00	-24.63	peak
3	22647.4147	49.43	0.95	50.38	74.00	-23.62	peak
4	23931.8932	50.56	-1.09	49.47	74.00	-24.53	peak
5	25460.3460	49.95	0.78	50.73	74.00	-23.27	peak
6	25995.8996	50.20	1.65	51.85	74.00	-22.15	peak

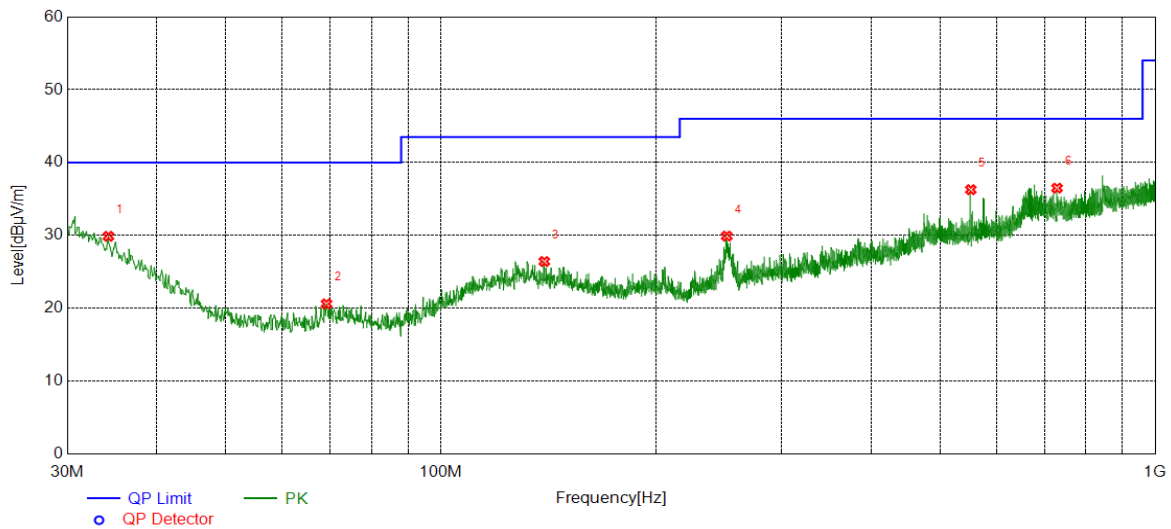
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.



Part III: 30MHz~1GHz

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

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

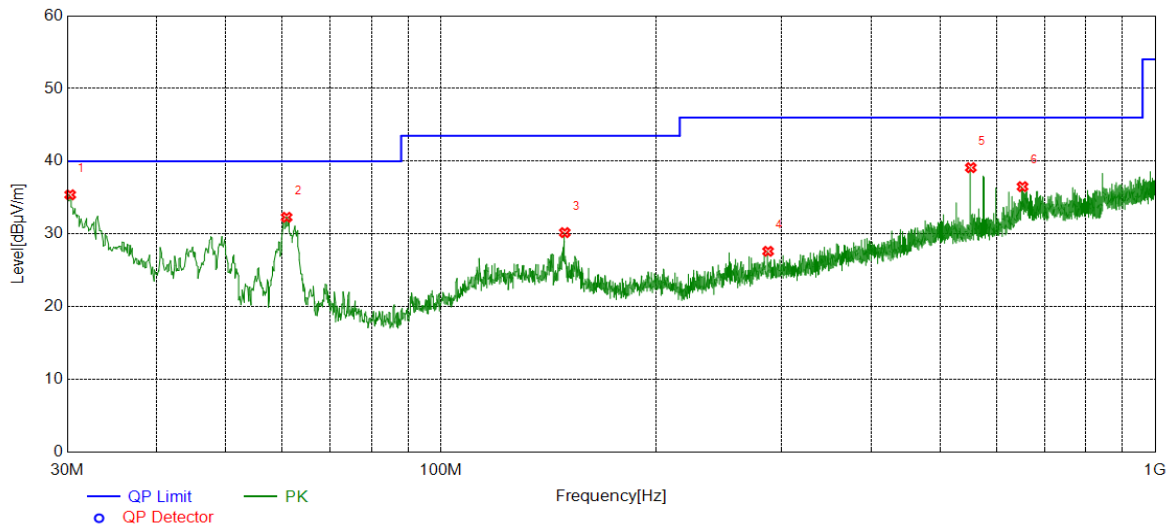


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	34.2684	5.43	24.45	29.88	40.00	-10.12	peak
2	69.1919	5.72	14.89	20.61	40.00	-19.39	peak
3	139.6210	6.20	20.22	26.42	43.50	-17.08	peak
4	251.3761	10.62	19.29	29.91	46.00	-16.09	peak
5	552.0092	9.99	26.29	36.28	46.00	-9.72	peak
6	728.7609	7.67	28.82	36.49	46.00	-9.51	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	30.2910	8.40	26.99	35.39	40.00	-4.61	peak
2	60.8491	18.05	14.25	32.30	40.00	-7.70	peak
3	149.1279	10.50	19.69	30.19	43.50	-13.31	peak
4	287.1727	6.80	20.82	27.62	46.00	-18.38	peak
5	552.0092	12.83	26.29	39.12	46.00	-6.88	peak
6	652.0262	8.95	27.56	36.51	46.00	-9.49	peak

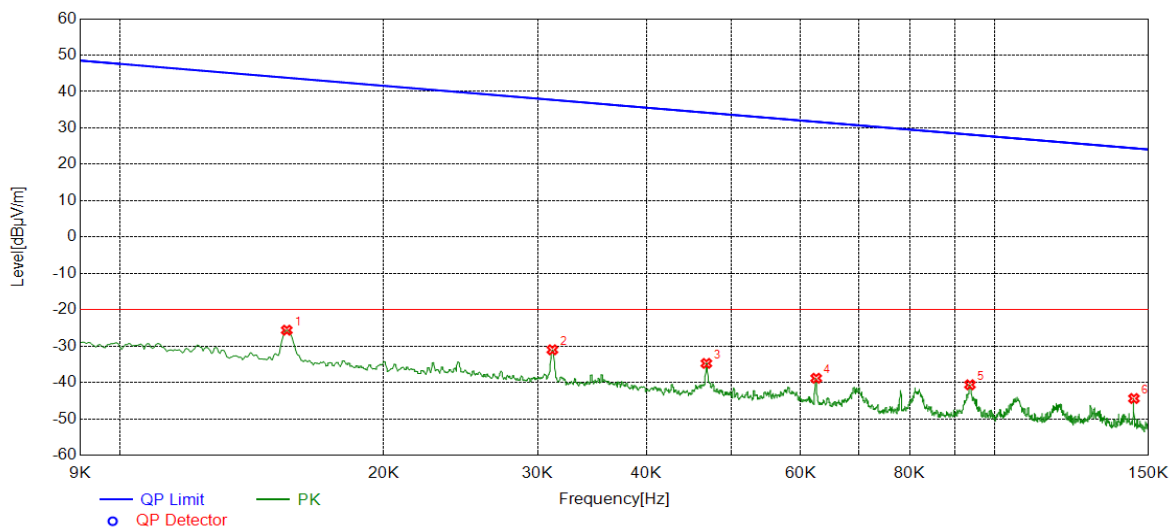
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.



Part IV: 9KHz~30MHz

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

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

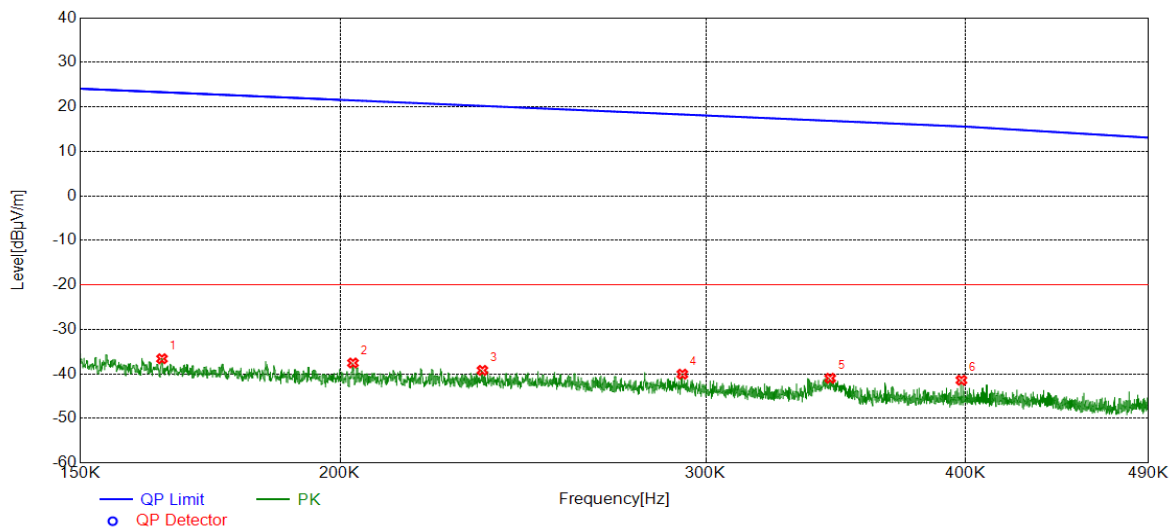


No.	Frequency	Reading	Correct	FCC Result	FCC Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	35.24	-60.87	-25.63	43.77	-69.40	peak
2	0.0312	29.79	-60.81	-31.02	37.71	-68.73	peak
3	0.0468	26.17	-60.92	-34.75	34.19	-68.94	peak
4	0.0625	22.30	-61.14	-38.84	31.69	-70.53	peak
5	0.0937	20.18	-60.81	-40.63	28.17	-68.80	peak
6	0.1443	16.76	-61.17	-44.41	24.42	-68.83	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

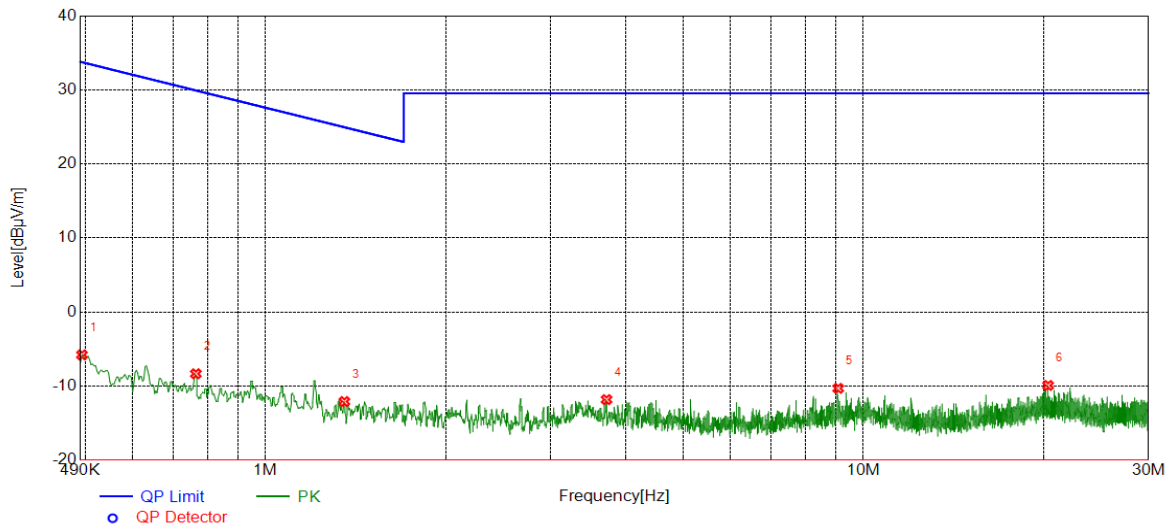


No.	Frequency	Reading	Correct	FCC Result	FCC Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1642	24.57	-61.16	-36.59	23.30	-59.89	peak
2	0.2029	23.43	-60.97	-37.54	21.45	-58.99	peak
3	0.2342	21.61	-60.81	-39.20	20.21	-59.41	peak
4	0.2923	20.64	-60.69	-40.05	18.29	-58.34	peak
5	0.3443	19.67	-60.65	-40.98	16.86	-57.84	peak
6	0.3982	19.20	-60.61	-41.41	15.60	-57.01	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	0.4930	14.74	-20.53	-5.79	33.75	-39.54	peak
2	0.7645	12.25	-20.59	-8.34	29.93	-38.27	peak
3	1.3547	8.16	-20.25	-12.09	24.97	-37.06	peak
4	3.7187	8.28	-20.11	-11.83	29.54	-41.37	peak
5	9.0753	8.71	-19.02	-10.31	29.54	-39.85	peak
6	20.3699	7.34	-17.26	-9.92	29.54	-39.46	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.

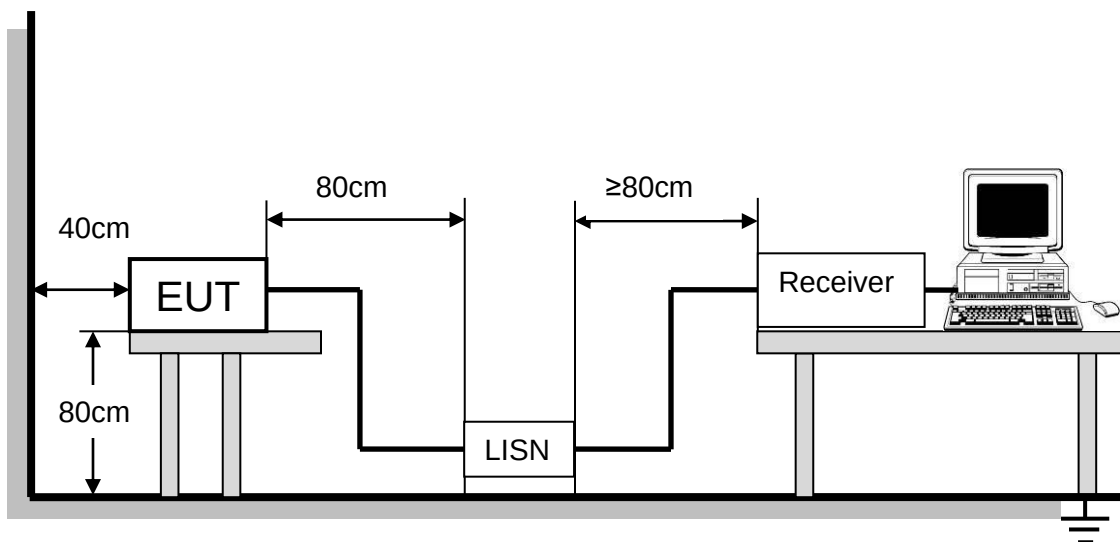
7.7. AC POWER LINE CONDUCTED EMISSIONS

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

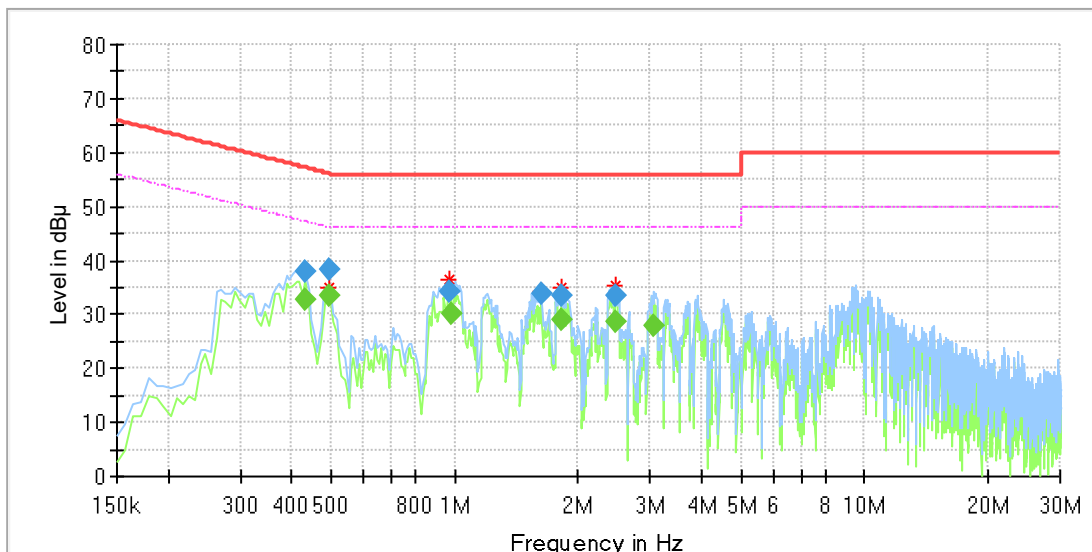


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) 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:

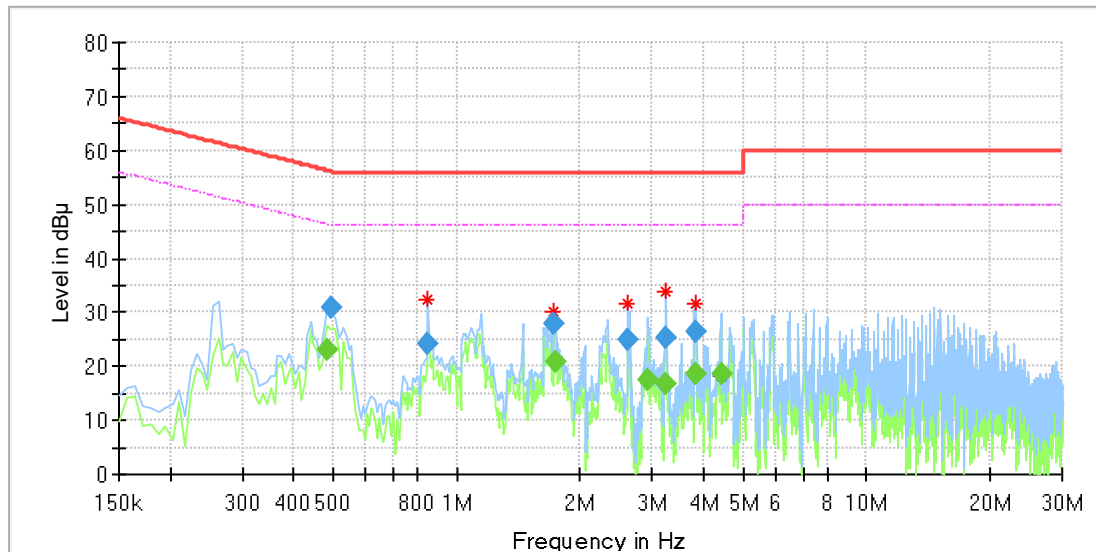


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.433575	---	32.72	47.18	14.46	1000.0	9.000	L1	OFF	9.7
0.433575	38.10	---	57.18	19.09	1000.0	9.000	L1	OFF	9.7
0.493275	---	33.64	46.11	12.48	1000.0	9.000	L1	OFF	9.7
0.493275	38.47	---	56.11	17.65	1000.0	9.000	L1	OFF	9.7
0.970875	34.40	---	56.00	21.60	1000.0	9.000	L1	OFF	9.7
0.978338	---	30.27	46.00	15.73	1000.0	9.000	L1	OFF	9.7
1.620113	33.74	---	56.00	22.26	1000.0	9.000	L1	OFF	9.6
1.814138	33.49	---	56.00	22.51	1000.0	9.000	L1	OFF	9.6
1.814138	---	29.02	46.00	16.98	1000.0	9.000	L1	OFF	9.6
2.463375	33.50	---	56.00	22.50	1000.0	9.000	L1	OFF	9.8
2.478300	---	28.82	46.00	17.18	1000.0	9.000	L1	OFF	9.8
3.067838	---	28.00	46.00	18.00	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)
0.485813	---	23.15	46.24	23.09	1000.0	9.000	N	OFF	9.6
0.493275	30.81	---	56.11	25.30	1000.0	9.000	N	OFF	9.6
0.851475	24.03	---	56.00	31.97	1000.0	9.000	N	OFF	9.6
1.732050	27.81	---	56.00	28.19	1000.0	9.000	N	OFF	9.6
1.739513	---	20.82	46.00	25.18	1000.0	9.000	N	OFF	9.6
2.612625	24.90	---	56.00	31.10	1000.0	9.000	N	OFF	9.5
2.918588	---	17.34	46.00	28.66	1000.0	9.000	N	OFF	9.7
3.239475	---	16.89	46.00	29.11	1000.0	9.000	N	OFF	9.7
3.239475	25.37	---	56.00	30.63	1000.0	9.000	N	OFF	9.7
3.836475	---	18.45	46.00	27.55	1000.0	9.000	N	OFF	9.6
3.843938	26.30	---	56.00	29.70	1000.0	9.000	N	OFF	9.6
4.418550	---	18.67	46.00	27.33	1000.0	9.000	N	OFF	9.7

- 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