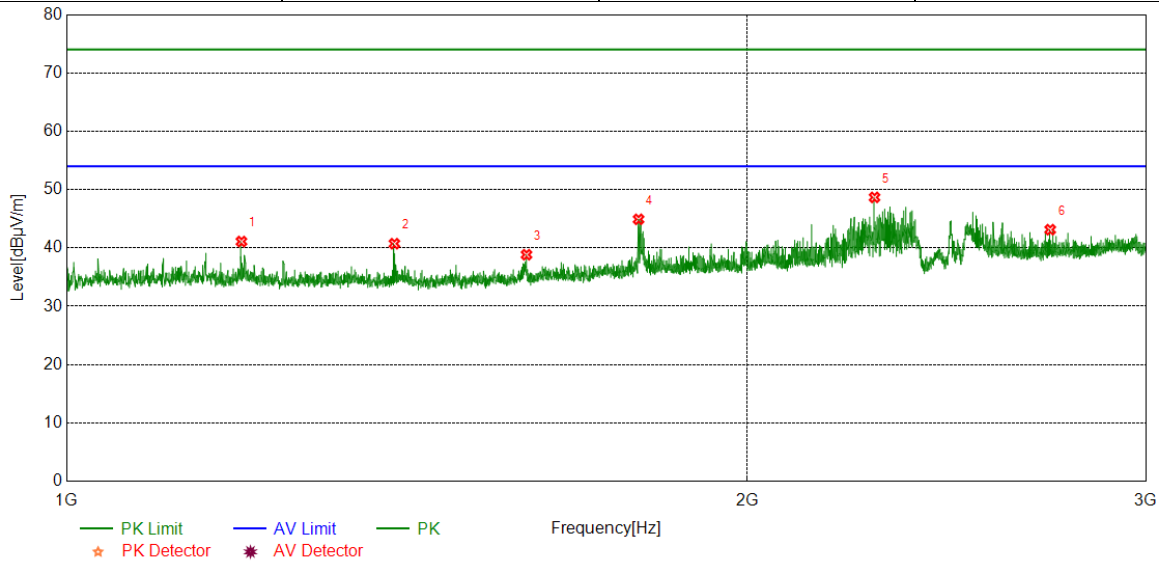




Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.0000	46.67	-5.57	41.10	74.00	-32.90	peak
2	1396.2500	46.43	-5.70	40.73	74.00	-33.27	peak
3	1597.2500	43.96	-5.12	38.84	74.00	-35.16	peak
4	1790.2500	48.65	-3.74	44.91	74.00	-29.09	peak
5	2276.2500	50.67	-2.00	48.67	74.00	-25.33	peak
6	2722.0000	43.52	-0.39	43.13	74.00	-30.87	peak

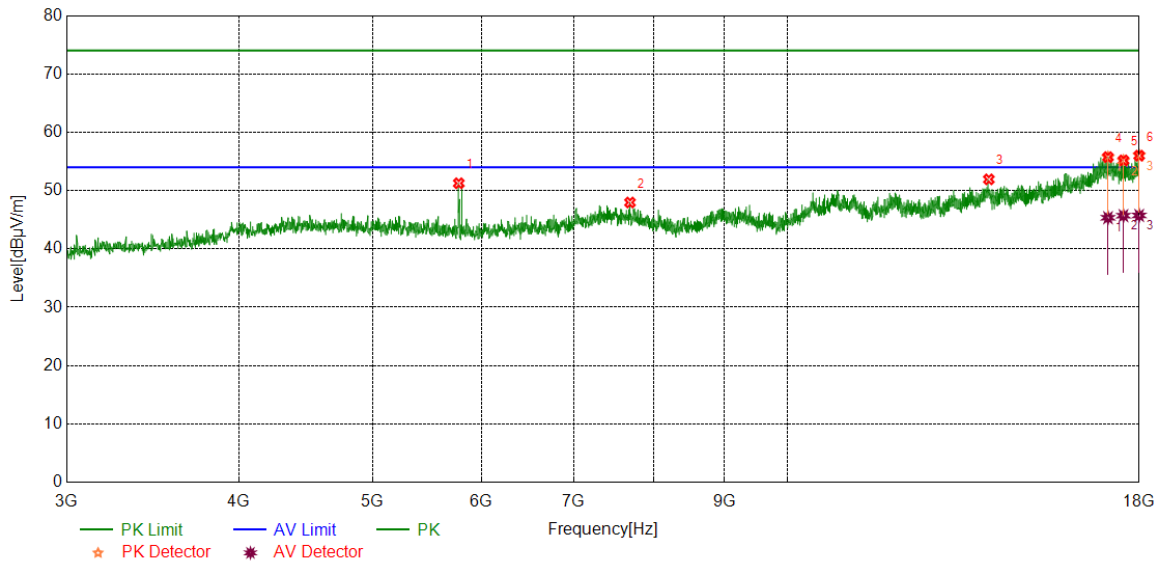
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
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: 3GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

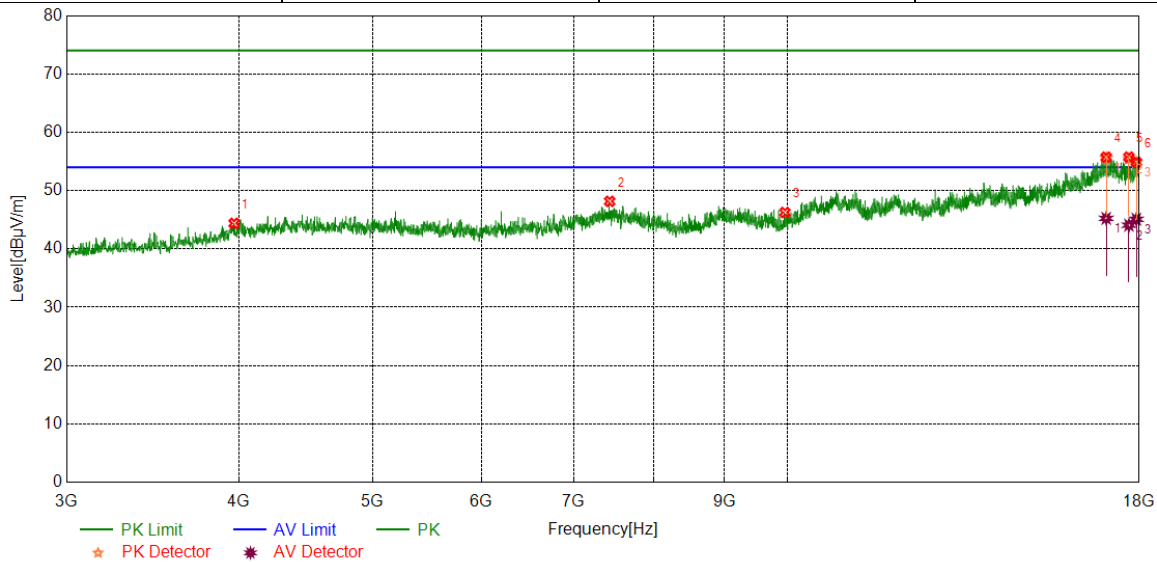


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5777.2222	45.95	5.31	51.26	74.00	-22.74	peak
2	7689.9612	39.29	8.67	47.96	74.00	-26.04	peak
3	14002.0003	37.58	14.35	51.93	74.00	-22.07	peak
4	17084.8856	37.34	18.40	55.74	74.00	-18.26	peak
		26.95	18.40	45.35	54.00	-8.65	average
5	17531.1914	37.32	17.86	55.18	74.00	-18.82	peak
		27.85	17.86	45.71	54.00	-8.29	average
6	17998.1248	37.98	18.01	55.99	74.00	-18.01	peak
		27.73	18.01	45.74	54.00	-8.26	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 7.2.
6. 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
11B	LCH	Vertical	PASS

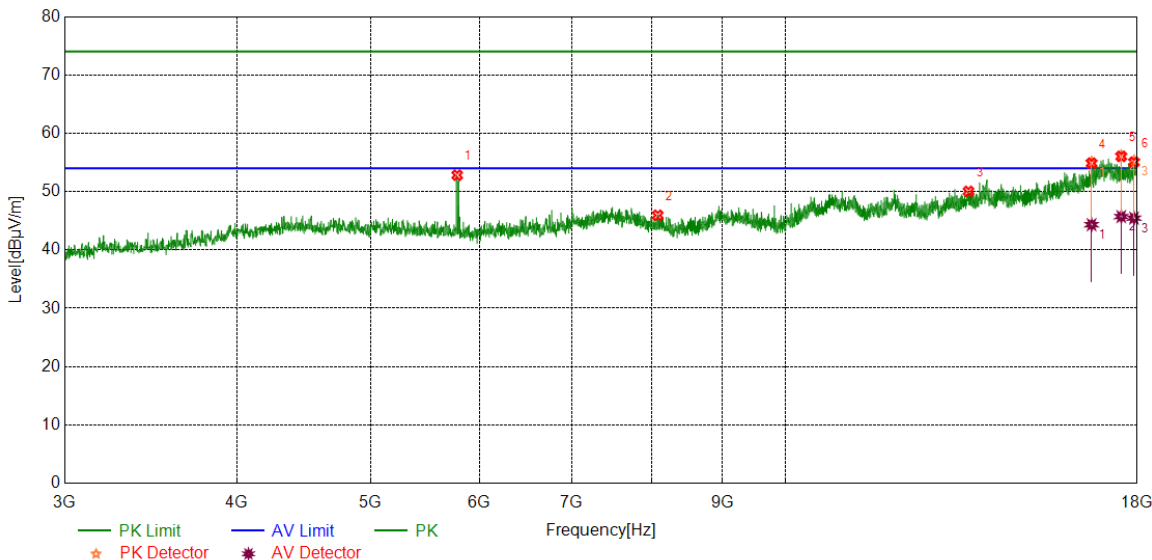


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3969.4962	40.03	4.36	44.39	74.00	-29.61	peak
2	7433.0541	39.59	8.57	48.16	74.00	-25.84	peak
3	9960.8701	37.50	8.75	46.25	74.00	-27.75	peak
4	17034.2543	36.75	18.97	55.72	74.00	-18.28	peak
		26.27	18.97	45.24	54.00	-8.76	average
5	17692.4616	37.83	17.91	55.74	74.00	-18.26	peak
		26.16	17.91	44.07	54.00	-9.93	average
6	17913.7392	36.81	18.09	54.90	74.00	-19.10	peak
		26.99	18.09	45.08	54.00	-8.92	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 7.2.
6. 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
11B	MCH	Horizontal	PASS

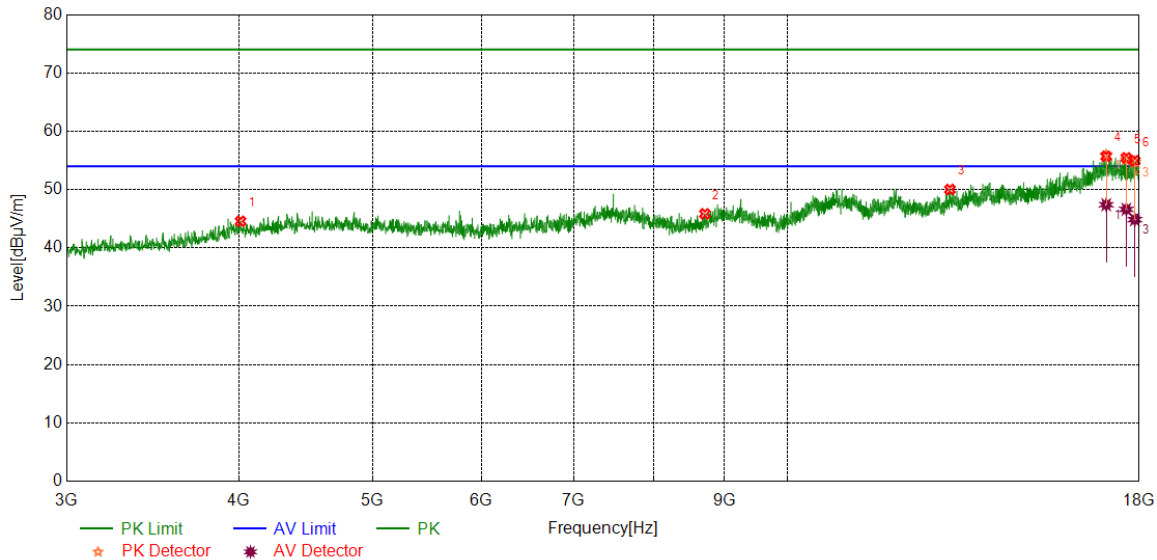


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5780.9726	47.53	5.29	52.82	74.00	-21.18	peak
2	8081.8852	38.65	7.29	45.94	74.00	-28.06	peak
3	13580.0725	37.22	12.82	50.04	74.00	-23.96	peak
4	16677.9597	37.18	17.70	54.88	74.00	-19.12	peak
		26.63	17.70	44.33	54.00	-9.67	average
5	17525.5657	38.22	17.83	56.05	74.00	-17.95	peak
		27.89	17.83	45.72	54.00	-8.28	average
6	17904.363	36.70	18.35	55.05	74.00	-18.95	peak
		27.10	18.35	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 7.2.
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
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
11B	MCH	Vertical	PASS

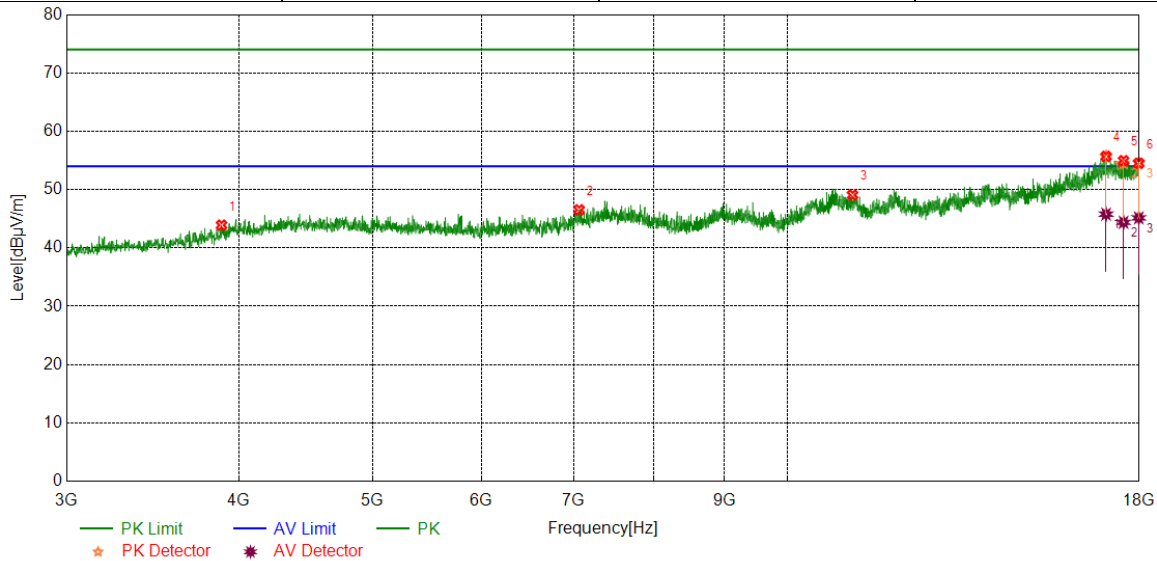


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4012.6266	39.98	4.59	44.57	74.00	-29.43	peak
2	8713.8392	38.19	7.66	45.85	74.00	-28.15	peak
3	13120.6401	37.72	12.30	50.02	74.00	-23.98	peak
4	17034.2543	36.74	18.97	55.71	74.00	-18.29	peak
		28.44	18.97	47.41	54.00	-6.59	average
5	17615.5769	37.71	17.73	55.44	74.00	-18.56	peak
		28.89	17.73	46.62	54.00	-7.38	average
6	17866.8584	36.55	18.39	54.94	74.00	-19.06	peak
		26.46	18.39	44.85	54.00	-9.15	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 7.2.
6. 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
11B	HCH	Horizontal	PASS

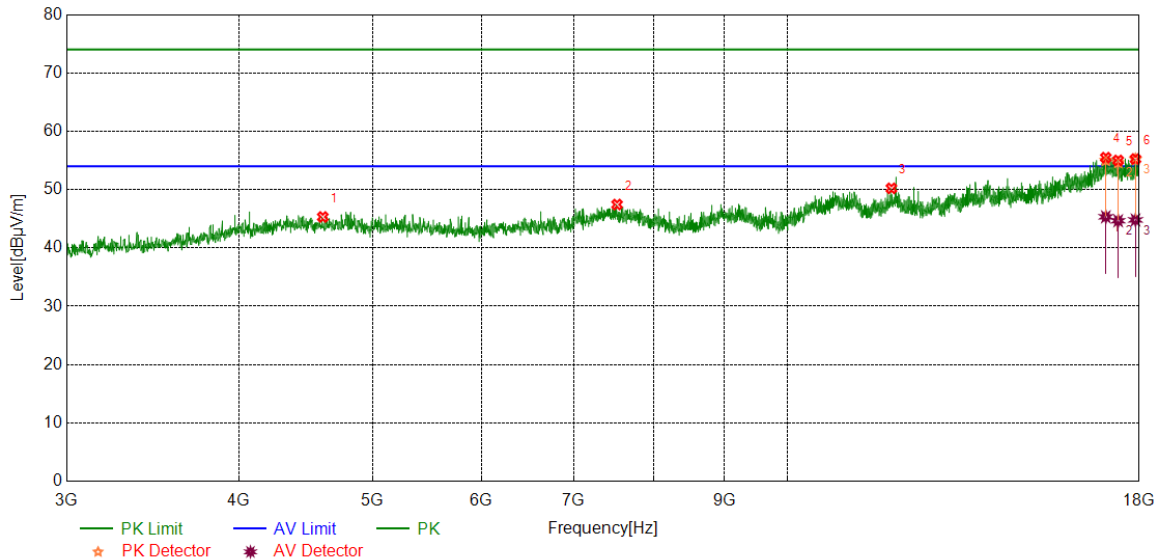


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3886.9859	40.30	3.60	43.90	74.00	-30.10	peak
2	7063.6330	38.34	8.18	46.52	74.00	-27.48	peak
3	11151.6440	37.17	11.90	49.07	74.00	-24.93	peak
4	17030.5038	36.66	19.03	55.69	74.00	-18.31	peak
		26.76	19.03	45.79	54.00	-8.21	average
5	17534.9419	37.30	17.65	54.95	74.00	-19.05	peak
		26.74	17.65	44.39	54.00	-9.61	average
6	17986.8734	36.82	17.69	54.51	74.00	-19.49	peak
		27.46	17.69	45.15	54.00	-8.85	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 7.2.
6. 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
11B	HCH	Vertical	PASS

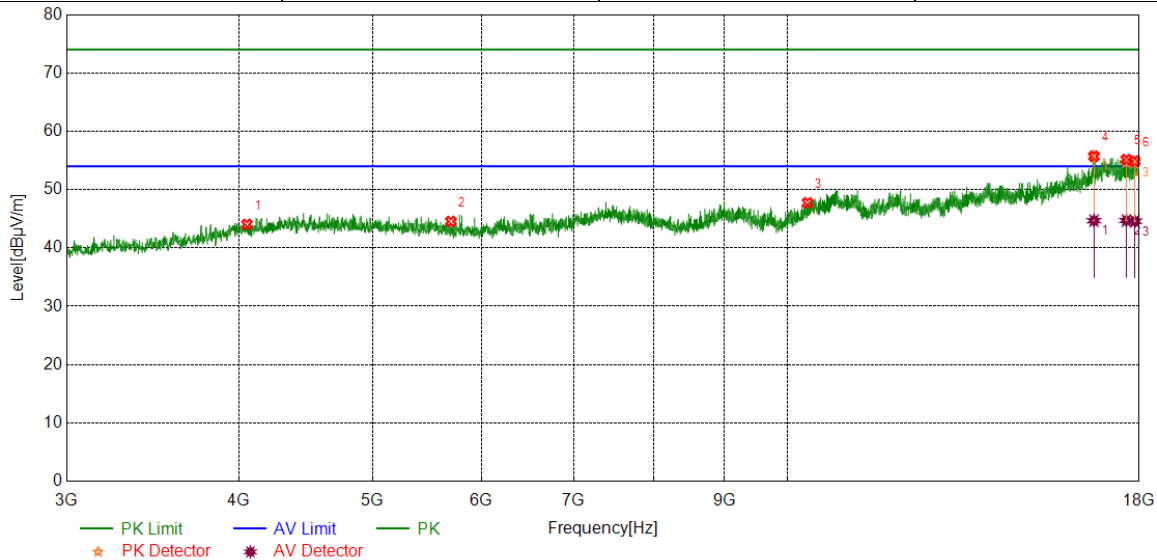


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4603.3254	39.86	5.45	45.31	74.00	-28.69	peak
2	7524.9406	38.68	8.76	47.44	74.00	-26.56	peak
3	11899.8625	37.74	12.48	50.22	74.00	-23.78	peak
4	17023.0029	36.93	18.55	55.48	74.00	-18.52	peak
		26.78	18.55	45.33	54.00	-8.67	average
5	17377.4222	36.42	18.58	55.00	74.00	-19.00	peak
		26.08	18.58	44.66	54.00	-9.34	average
6	17887.4859	36.80	18.45	55.25	74.00	-18.75	peak
		26.35	18.45	44.80	54.00	-9.20	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 7.2.
6. 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	LCH	Horizontal	PASS

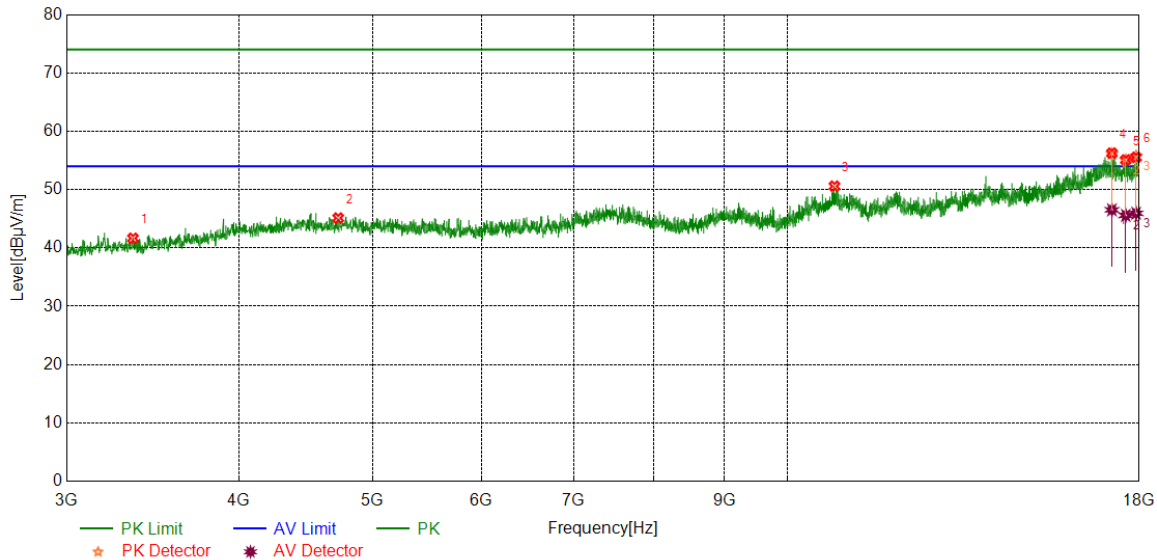


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4055.7570	39.80	4.24	44.04	74.00	-29.96	peak
2	5700.3375	39.20	5.33	44.53	74.00	-29.47	peak
3	10343.4179	37.18	10.56	47.74	74.00	-26.26	peak
4	16689.2112	37.55	18.17	55.72	74.00	-18.28	peak
		26.50	18.17	44.67	54.00	-9.33	average
5	17615.5769	37.42	17.73	55.15	74.00	-18.85	peak
		26.97	17.73	44.70	54.00	-9.30	average
6	17866.8584	36.51	18.39	54.90	74.00	-19.10	peak
		26.19	18.39	44.58	54.00	-9.42	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 7.2.
6. 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	LCH	Vertical	PASS

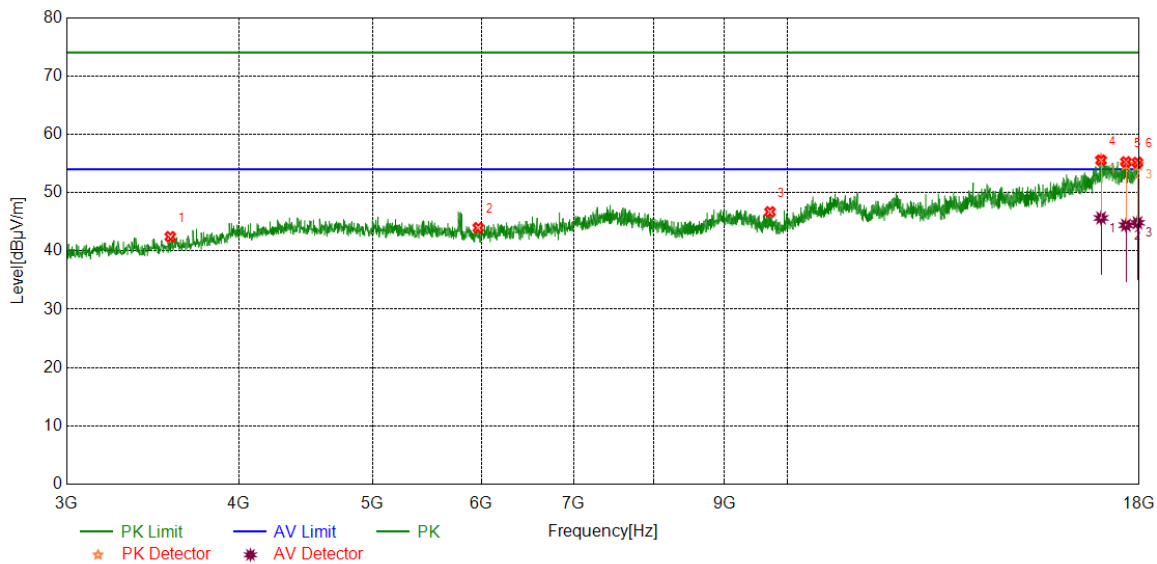


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3352.5441	40.37	1.28	41.65	74.00	-32.35	peak
2	4723.3404	39.71	5.41	45.12	74.00	-28.88	peak
3	10819.7275	38.36	12.22	50.58	74.00	-23.42	peak
4	17197.3997	37.94	18.31	56.25	74.00	-17.75	peak
		28.22	18.31	46.53	54.00	-7.47	average
5	17598.6998	37.65	17.43	55.08	74.00	-18.92	peak
		28.15	17.43	45.58	54.00	-8.42	average
6	17906.2383	37.19	18.33	55.52	74.00	-18.48	peak
		27.61	18.33	45.94	54.00	-8.06	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 7.2.
6. 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	MCH	Horizontal	PASS

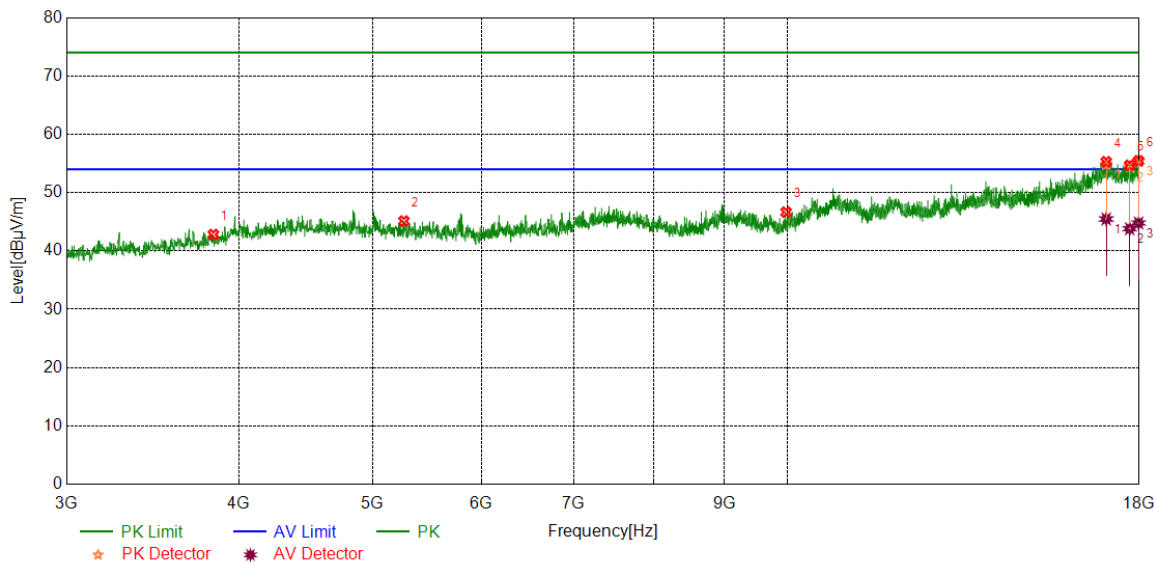


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3568.1960	40.39	2.04	42.43	74.00	-31.57	peak
2	5968.4961	38.80	5.16	43.96	74.00	-30.04	peak
3	9715.2144	38.41	8.28	46.69	74.00	-27.31	peak
4	16887.986	37.77	17.78	55.55	74.00	-18.45	peak
		27.87	17.78	45.65	54.00	-8.35	average
5	17604.3255	37.62	17.64	55.26	74.00	-18.74	peak
		26.78	17.64	44.42	54.00	-9.58	average
6	17947.4934	36.66	18.50	55.16	74.00	-18.84	peak
		26.33	18.50	44.83	54.00	-9.17	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 7.2.
6. 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	MCH	Vertical	PASS

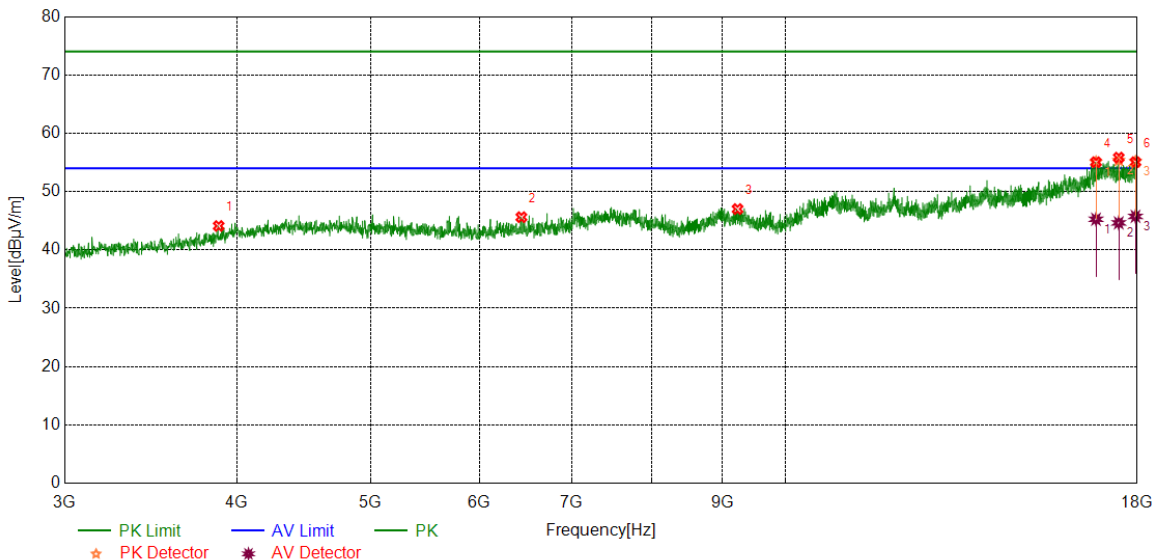


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3834.4793	39.25	3.56	42.81	74.00	-31.19	peak
2	5270.9089	39.66	5.47	45.13	74.00	-28.87	peak
3	9979.6225	38.01	8.64	46.65	74.00	-27.35	peak
4	17034.2543	36.32	18.97	55.29	74.00	-18.71	peak
		26.51	18.97	45.48	54.00	-8.52	average
5	17714.9644	37.17	17.51	54.68	74.00	-19.32	peak
		26.30	17.51	43.81	54.00	-10.19	average
6	17981.2477	37.40	18.04	55.44	74.00	-18.56	peak
		26.75	18.04	44.79	54.00	-9.21	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 7.2.
6. 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

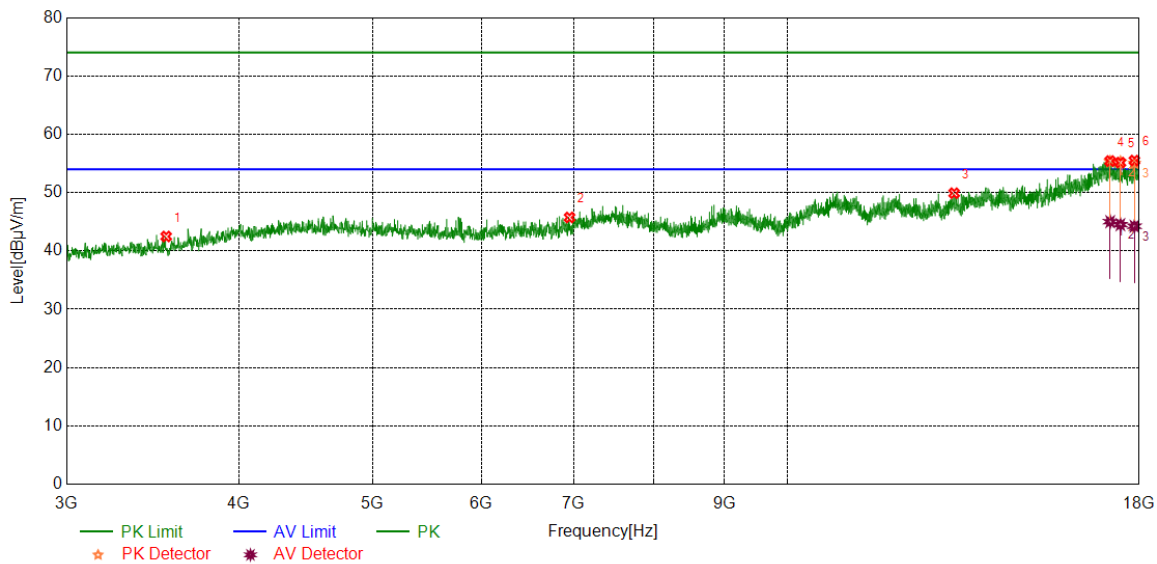


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3881.3602	40.62	3.49	44.11	74.00	-29.89	peak
2	6435.4294	38.52	7.10	45.62	74.00	-28.38	peak
3	9233.2792	38.27	8.74	47.01	74.00	-26.99	peak
4	16801.7252	37.57	17.48	55.05	74.00	-18.95	peak
		27.78	17.48	45.26	54.00	-8.74	average
5	17452.4316	37.97	17.86	55.83	74.00	-18.17	peak
		26.78	17.86	44.64	54.00	-9.36	average
6	17947.4934	36.56	18.50	55.06	74.00	-18.94	peak
		27.25	18.50	45.75	54.00	-8.25	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 7.2.
6. 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

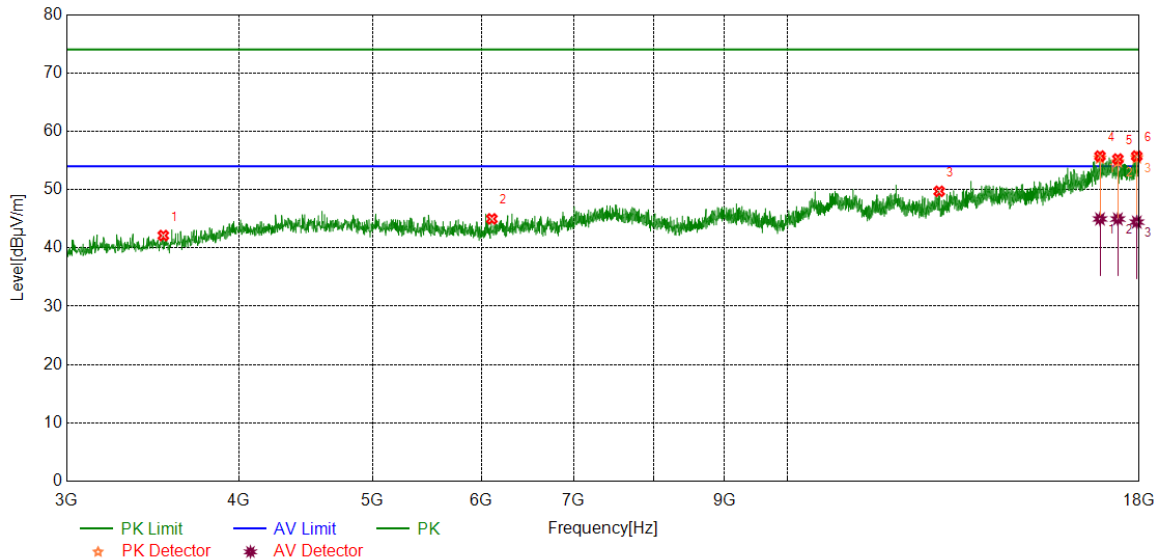


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3543.8180	40.68	1.80	42.48	74.00	-31.52	peak
2	6951.1189	37.16	8.58	45.74	74.00	-28.26	peak
3	13212.5266	37.47	12.43	49.90	74.00	-24.10	peak
4	17146.7683	37.14	18.27	55.41	74.00	-18.59	peak
		26.75	18.27	45.02	54.00	-8.98	average
5	17443.0554	37.26	17.88	55.14	74.00	-18.86	peak
		26.63	17.88	44.51	54.00	-9.49	average
6	17855.607	37.36	18.14	55.50	74.00	-18.50	peak
		26.09	18.14	44.23	54.00	-9.77	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 7.2.
6. 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

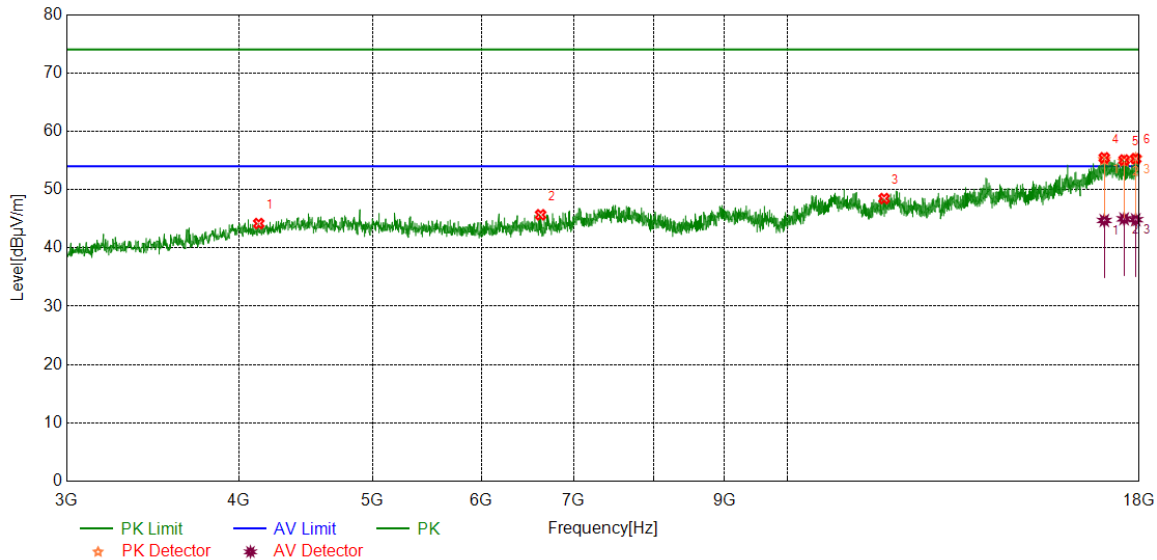


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3526.9409	40.08	2.04	42.12	74.00	-31.88	peak
2	6105.3882	39.19	5.79	44.98	74.00	-29.02	peak
3	12888.1110	37.53	12.18	49.71	74.00	-24.29	peak
4	16857.9822	37.87	17.87	55.74	74.00	-18.26	peak
		27.10	17.87	44.97	54.00	-9.03	average
5	17368.046	36.84	18.40	55.24	74.00	-18.76	peak
		26.56	18.40	44.96	54.00	-9.04	average
6	17926.8659	37.70	18.03	55.73	74.00	-18.27	peak
		26.40	18.03	44.43	54.00	-9.57	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 7.2.
6. 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

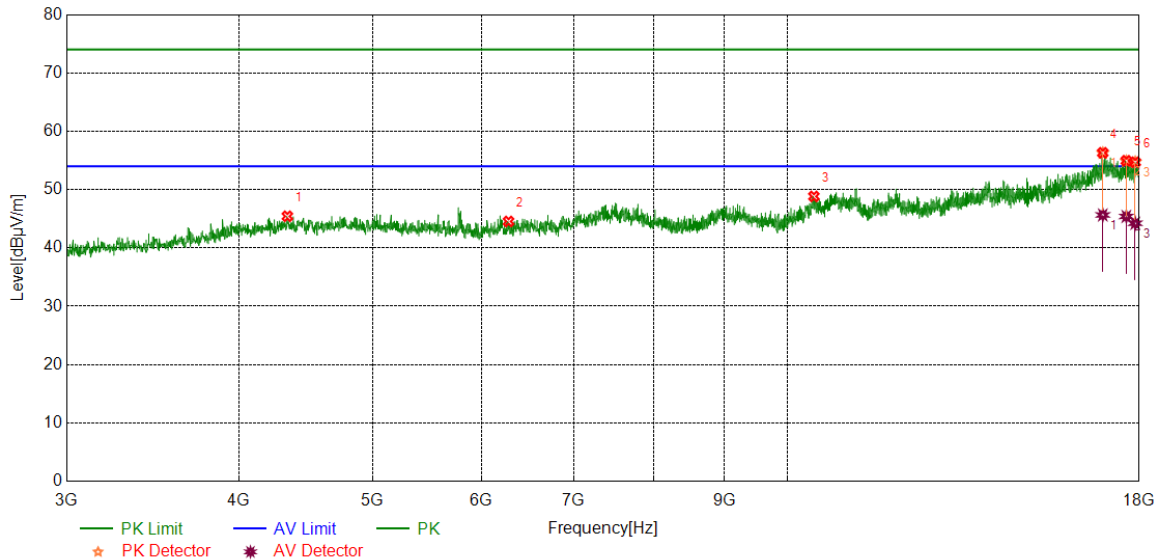


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4136.3920	39.52	4.66	44.18	74.00	-29.82	peak
2	6622.9529	38.24	7.44	45.68	74.00	-28.32	peak
3	11755.4694	36.50	11.96	48.46	74.00	-25.54	peak
4	16979.8725	36.70	18.75	55.45	74.00	-18.55	peak
		25.96	18.75	44.71	54.00	-9.29	average
5	17549.9437	36.99	18.08	55.07	74.00	-18.93	peak
		26.90	18.08	44.98	54.00	-9.02	average
6	17894.9869	36.82	18.48	55.30	74.00	-18.70	peak
		26.36	18.48	44.84	54.00	-9.16	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 7.2.
6. 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

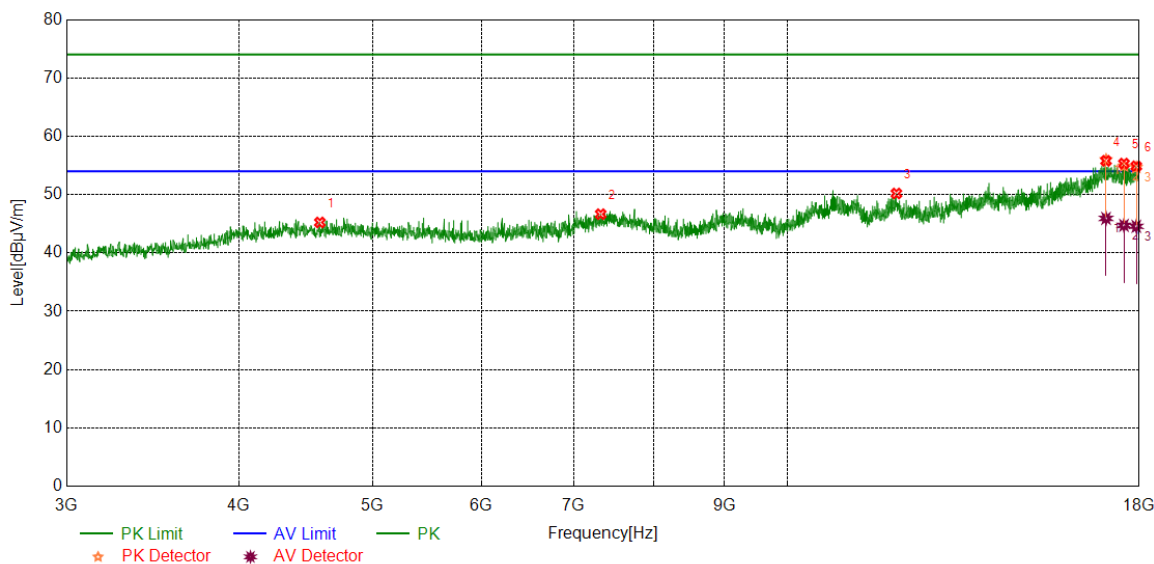


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4338.9174	40.09	5.34	45.43	74.00	-28.57	peak
2	6277.9097	38.33	6.21	44.54	74.00	-29.46	peak
3	10454.0568	37.48	11.35	48.83	74.00	-25.17	peak
4	16936.7421	37.88	18.43	56.31	74.00	-17.69	peak
		27.22	18.43	45.65	54.00	-8.35	average
5	17615.5769	37.22	17.73	54.95	74.00	-19.05	peak
		27.67	17.73	45.40	54.00	-8.60	average
6	17879.985	36.55	18.15	54.70	74.00	-19.30	peak
		26.08	18.15	44.23	54.00	-9.77	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 7.2.
6. 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

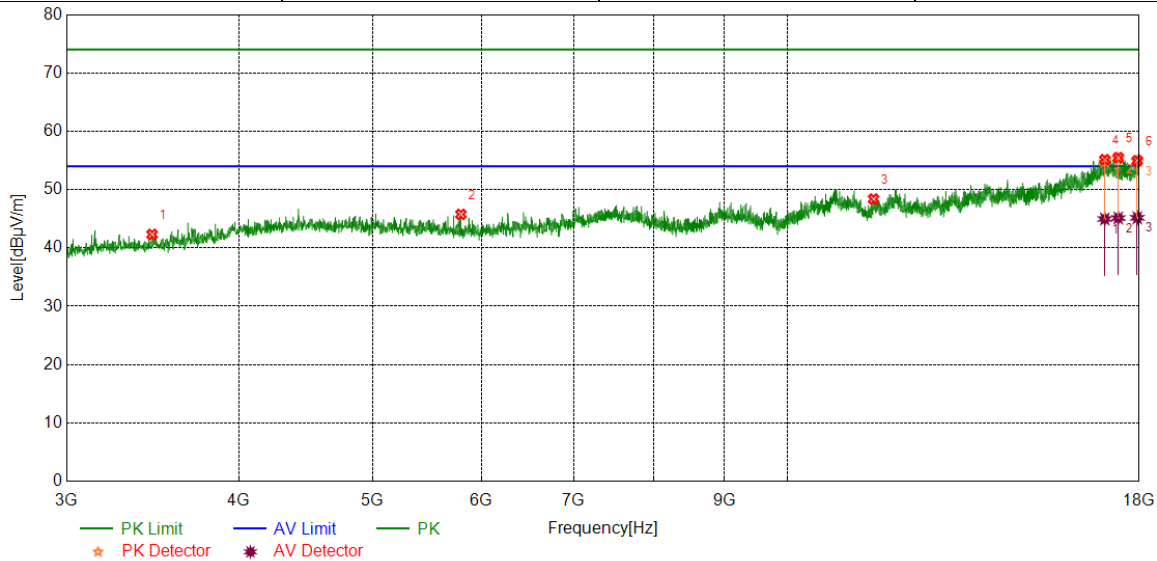


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4580.8226	39.78	5.45	45.23	74.00	-28.77	peak
2	7322.4153	38.06	8.59	46.65	74.00	-27.35	peak
3	11999.2499	37.22	12.97	50.19	74.00	-23.81	peak
4	17028.6286	36.85	18.94	55.79	74.00	-18.21	peak
		26.98	18.94	45.92	54.00	-8.08	average
5	17546.1933	37.50	17.82	55.32	74.00	-18.68	peak
		26.91	17.82	44.73	54.00	-9.27	average
6	17911.8640	36.67	18.19	54.86	74.00	-19.14	peak
		26.37	18.19	44.56	54.00	-9.44	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 7.2.
6. 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

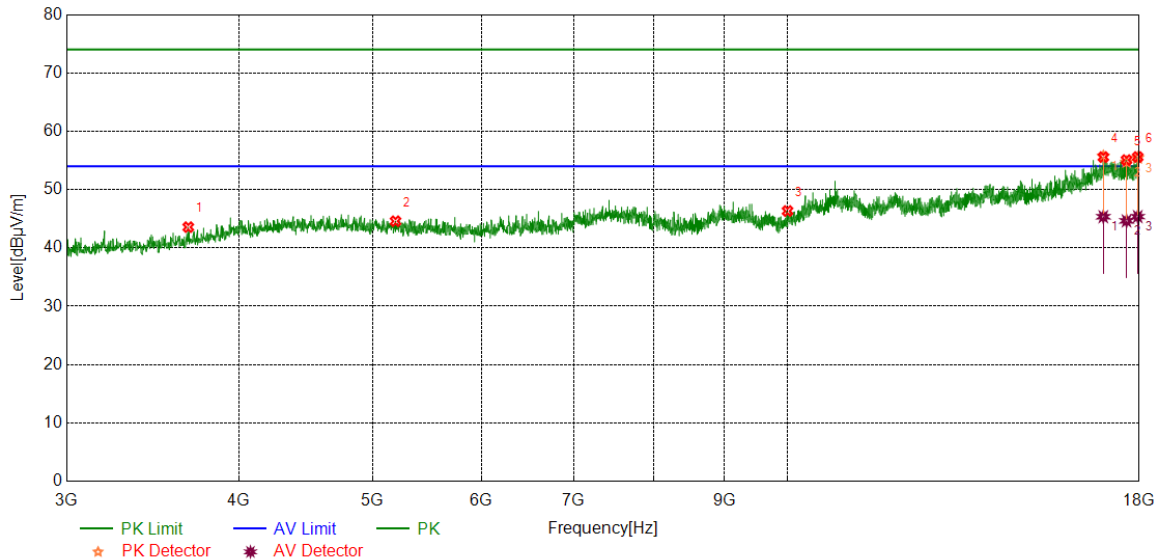


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3461.3077	40.58	1.74	42.32	74.00	-31.68	peak
2	5797.8497	40.37	5.39	45.76	74.00	-28.24	peak
3	11549.1936	37.17	11.21	48.38	74.00	-25.62	peak
4	16992.9991	36.41	18.72	55.13	74.00	-18.87	peak
		26.24	18.72	44.96	54.00	-9.04	average
5	17379.2974	36.88	18.60	55.48	74.00	-18.52	peak
		26.53	18.60	45.13	54.00	-8.87	average
6	17941.8677	36.63	18.33	54.96	74.00	-19.04	peak
		26.84	18.33	45.17	54.00	-8.83	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 7.2.
6. 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	3676.9596	40.74	2.82	43.56	74.00	-30.44	peak
2	5197.7747	39.36	5.22	44.58	74.00	-29.42	peak
3	10004.0005	37.86	8.47	46.33	74.00	-27.67	peak
4	16951.744	37.17	18.40	55.57	74.00	-18.43	peak
		26.95	18.40	45.35	54.00	-8.65	average
5	17621.2027	37.50	17.57	55.07	74.00	-18.93	peak
		27.07	17.57	44.64	54.00	-9.36	average
6	17954.9944	37.07	18.52	55.59	74.00	-18.41	peak
		26.85	18.52	45.37	54.00	-8.63	average

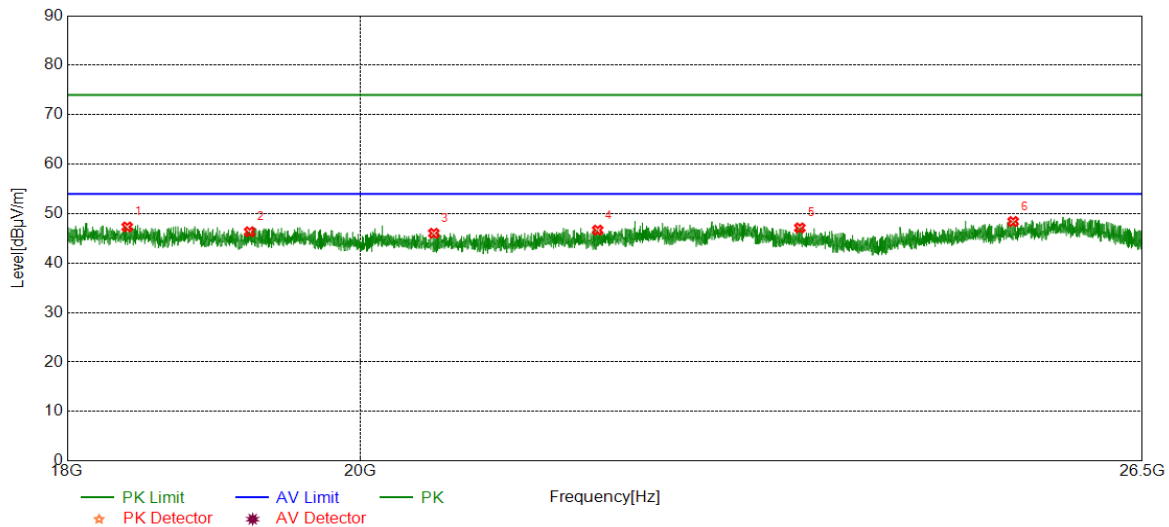
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 7.2.
6. For above 3GHz part, filter losses were 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 III: 18GHz~26.5GHz

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

Test Mode	Test Antenna	Channel	Polarization	Verdict
11B	Antenna2	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18392.7393	48.29	-0.98	47.31	74.00	-26.69	peak
2	19221.5722	47.28	-0.94	46.34	74.00	-27.66	peak
3	20538.3538	46.76	-0.72	46.04	74.00	-27.96	peak
4	21786.2786	46.79	-0.12	46.67	74.00	-27.33	peak
5	23429.4929	47.05	0.07	47.12	74.00	-26.88	peak
6	25298.8299	47.90	0.51	48.41	74.00	-25.59	peak

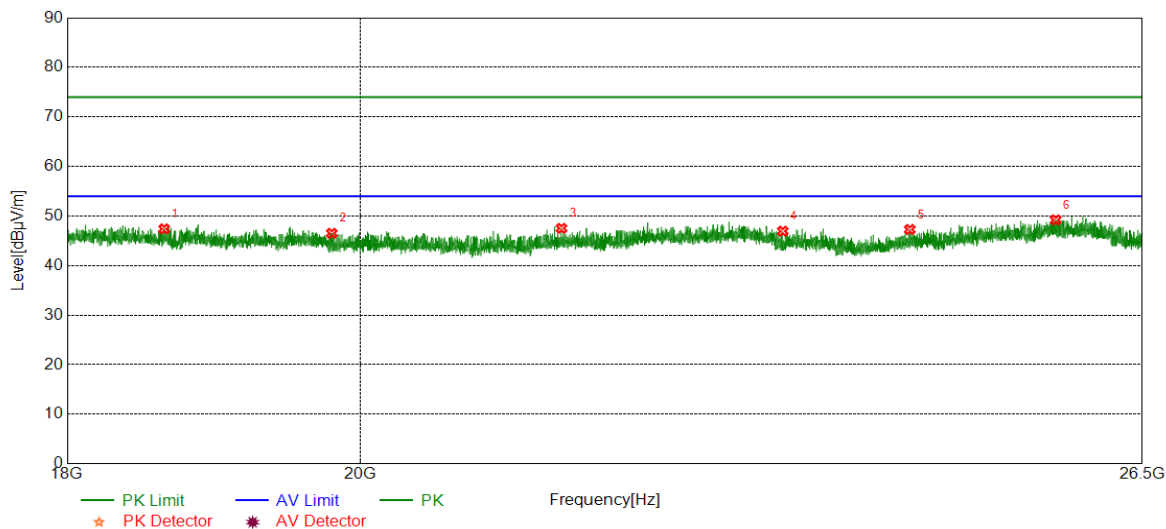
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

3. Measurement = Reading Level + Correct Factor.



Test Mode	Test Antenna	Channel	Polarization	Verdict
11B	Antenna2	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18639.2639	48.39	-0.98	47.41	74.00	-26.59	peak
2	19797.9298	47.14	-0.62	46.52	74.00	-27.48	peak
3	21504.0504	48.03	-0.51	47.52	74.00	-26.48	peak
4	23285.8286	46.47	0.48	46.95	74.00	-27.05	peak
5	24375.6376	48.03	-0.74	47.29	74.00	-26.71	peak
6	25689.0189	48.06	1.16	49.22	74.00	-24.78	peak

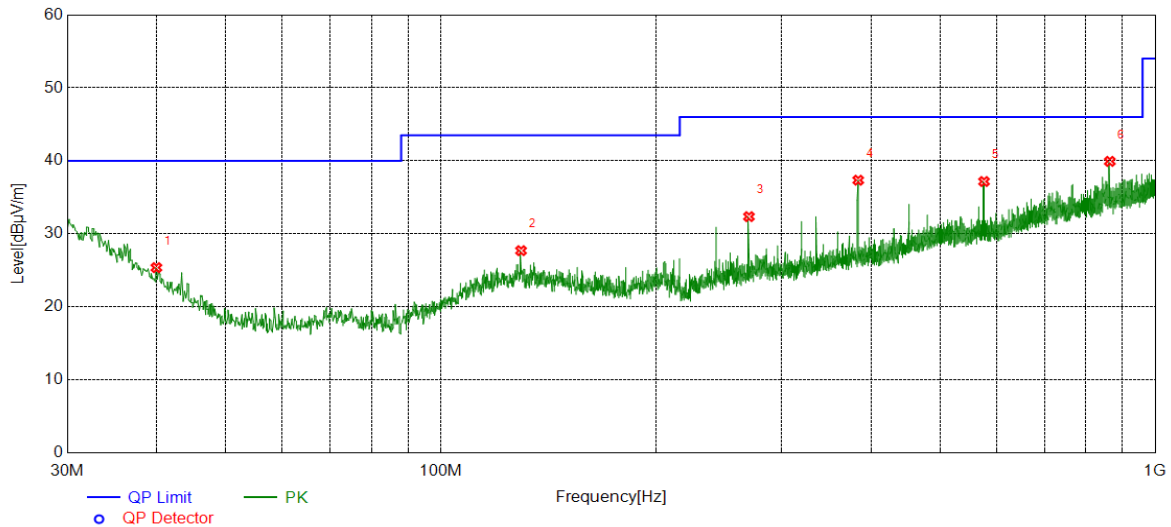
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.



Part IV: 30MHz~1GHz

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

Test Mode	Test Antenna	Channel	Polarization	Verdict
11B	Antenna2	LCH	Horizontal	PASS

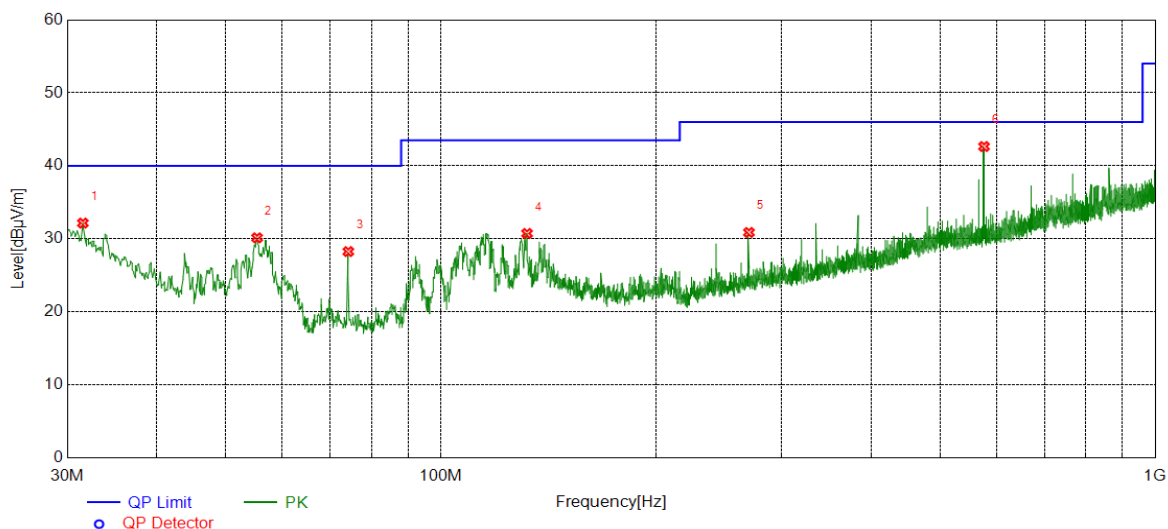


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	39.9920	4.69	20.68	25.37	40.00	-14.63	peak
2	129.5320	7.48	20.22	27.70	43.50	-15.80	peak
3	270.0020	12.56	19.80	32.36	46.00	-13.64	peak
4	383.9884	14.79	22.56	37.35	46.00	-8.65	peak
5	575.9706	10.79	26.38	37.17	46.00	-8.83	peak
6	863.9924	9.30	30.63	39.93	46.00	-6.07	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	Test Antenna	Channel	Polarization	Verdict
11B	Antenna2	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	31.5522	6.10	26.06	32.16	40.00	-7.84	peak
2	55.3195	15.86	14.28	30.14	40.00	-9.86	peak
3	74.2364	13.65	14.61	28.26	40.00	-11.74	peak
4	132.0542	10.58	20.16	30.74	43.50	-12.76	peak
5	270.0020	11.08	19.80	30.88	46.00	-15.12	peak
6	575.9706	16.27	26.38	42.65	46.00	-3.35	peak

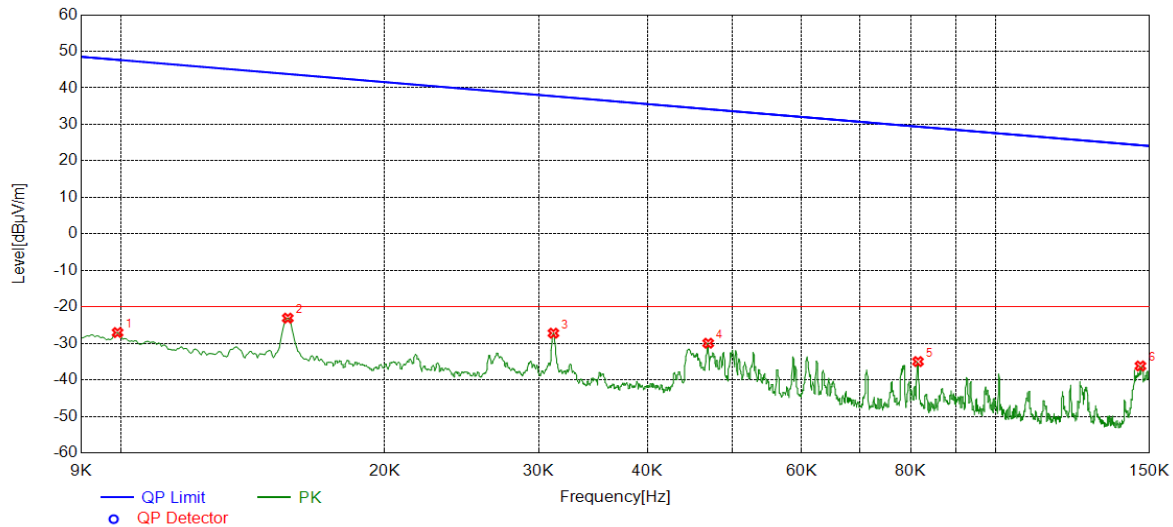
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.



Part V: 9KHz~30MHz

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

Test Mode	Test Antenna	Channel	Polarization	Verdict
11B	Antenna2	LCH	Horizontal	PASS

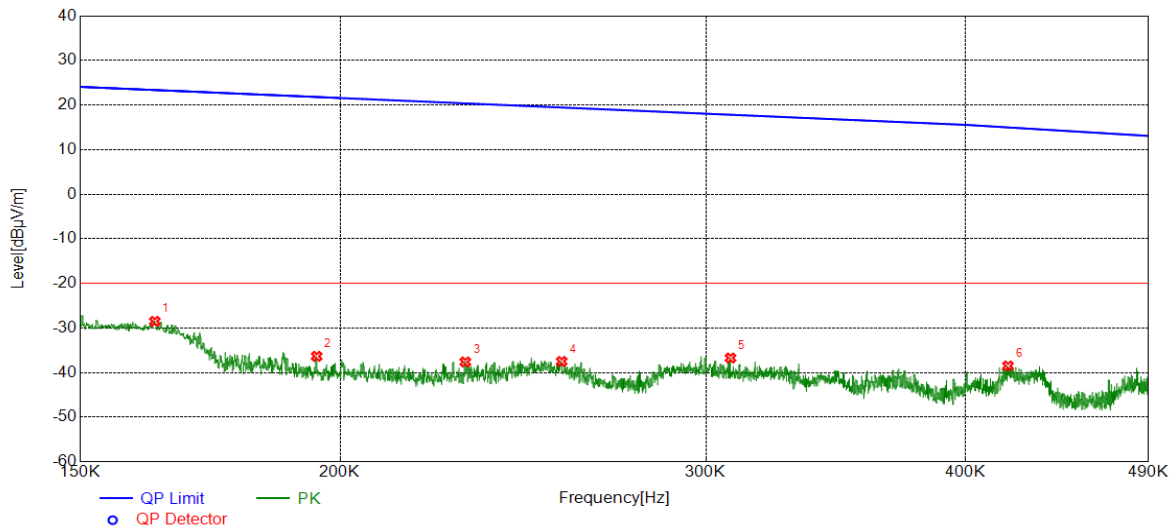


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0099	34.91	-61.95	-27.04	47.69	-74.73	peak
2	0.0155	38.80	-61.89	-23.09	43.80	-66.89	peak
3	0.0312	34.53	-61.74	-27.21	37.71	-64.92	peak
4	0.0469	31.78	-61.74	-29.96	34.18	-64.14	peak
5	0.0815	26.84	-61.83	-34.99	29.38	-64.37	peak
6	0.1464	25.65	-61.84	-36.19	24.29	-60.48	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
2. Result 300m= Result 3m-80 dBuV/m
3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
4. 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	Test Antenna	Channel	Polarization	Verdict
11B	Antenna2	LCH	Horizontal	PASS

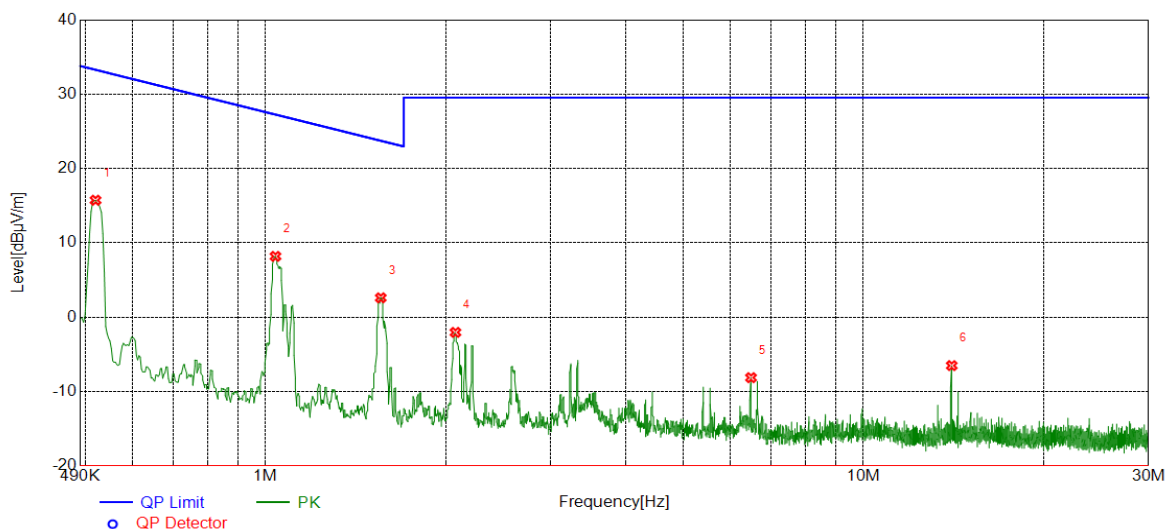


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1629	33.35	-61.85	-28.50	23.36	-51.86	peak
2	0.1949	25.52	-61.86	-36.34	21.81	-58.15	peak
3	0.2298	24.26	-61.87	-37.61	20.37	-57.98	peak
4	0.2557	24.39	-61.88	-37.49	19.45	-56.94	peak
5	0.3083	25.18	-61.90	-36.72	17.82	-54.54	peak
6	0.4193	23.41	-61.90	-38.49	14.98	-53.47	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
2. Result 300m= Result 3m-80 dBuV/m
3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
4. 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	Test Antenna	Channel	Polarization	Verdict
11B	Antenna2	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5195	37.62	-21.89	15.73	33.29	-17.56	peak
2	1.0389	30.04	-21.86	8.18	27.27	-19.09	peak
3	1.5584	24.43	-21.83	2.60	23.75	-21.15	peak
4	2.0778	19.75	-21.80	-2.05	29.54	-31.59	peak
5	6.4870	13.57	-21.71	-8.14	29.54	-37.68	peak
6	14.0542	15.08	-21.60	-6.52	29.54	-36.06	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
2. Result 30m= Result 3m-40 dBuV/m
3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
4. 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

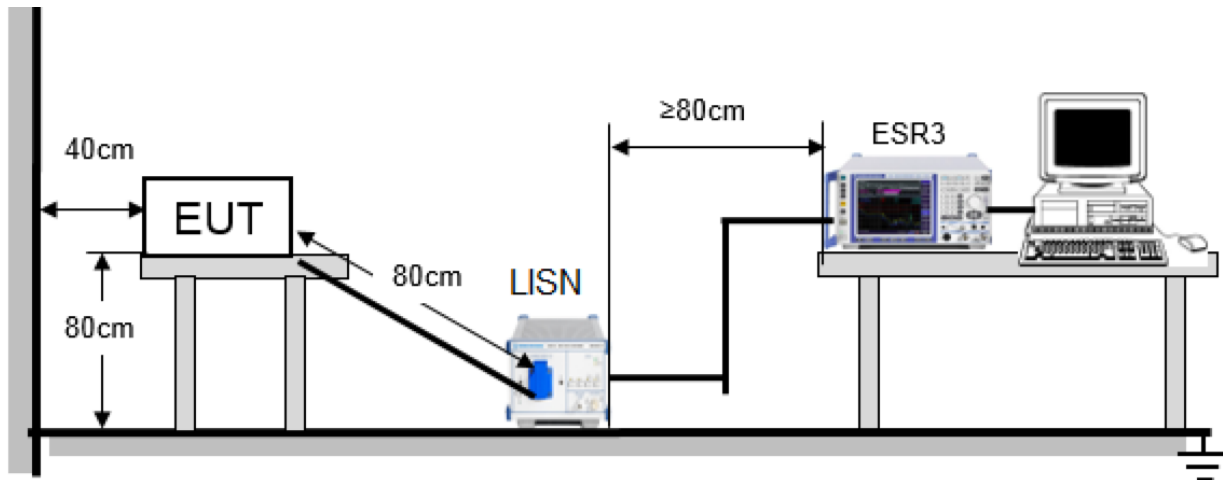
8. AC POWER LINE CONDUCTED EMISSIONS

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

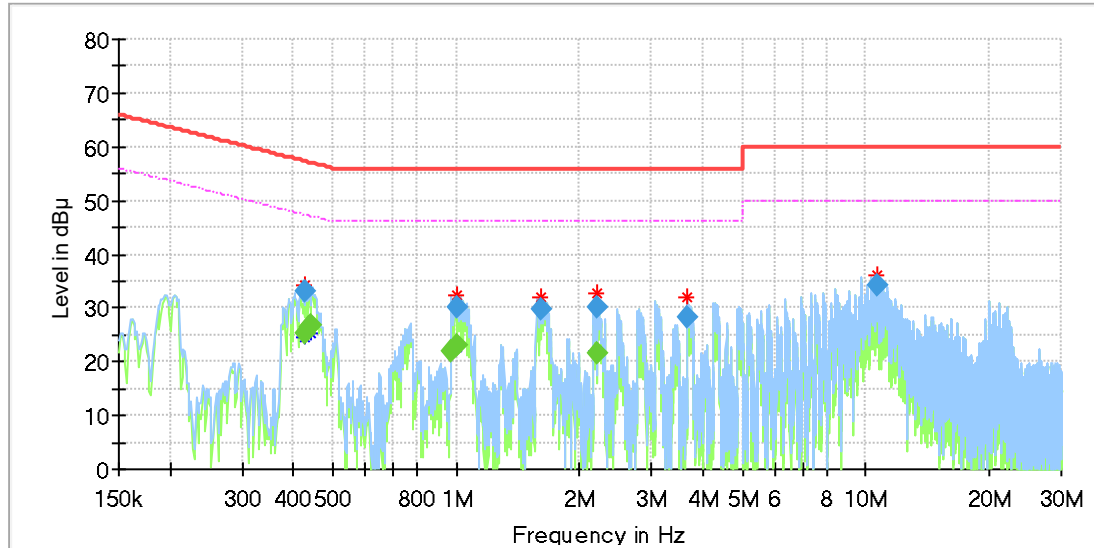


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3)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

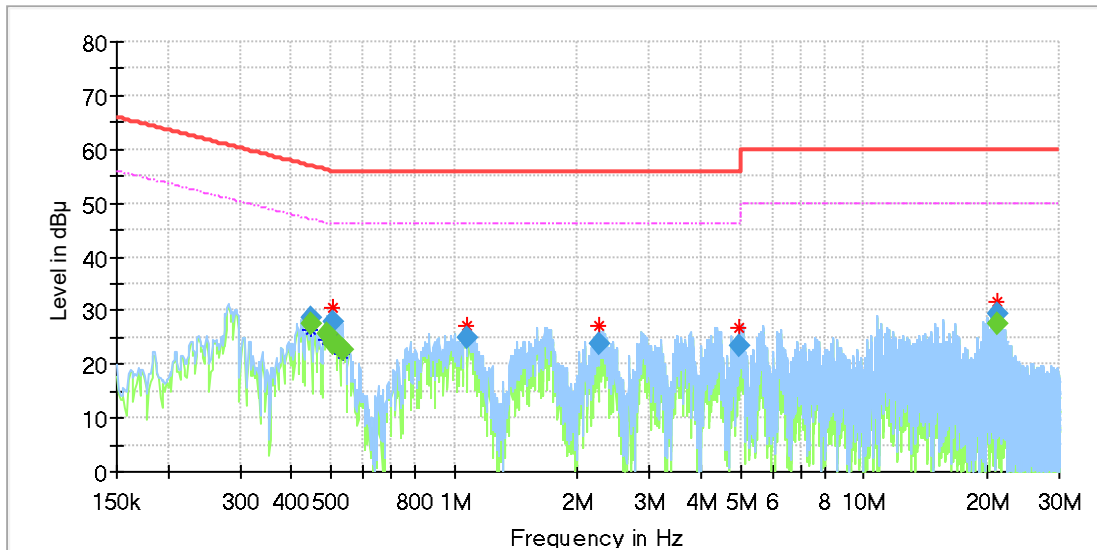


Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.429098	---	25.35	47.27	21.92	1000.0	9.000	L1	OFF	9.8
0.429098	33.00	---	57.27	24.27	1000.0	9.000	L1	OFF	9.8
0.438053	---	26.59	47.10	20.51	1000.0	9.000	L1	OFF	9.7
0.444023	---	26.70	46.99	20.28	1000.0	9.000	L1	OFF	9.7
0.973860	---	22.00	46.00	24.00	1000.0	9.000	L1	OFF	9.6
0.999233	---	22.89	46.00	23.11	1000.0	9.000	L1	OFF	9.5
1.000725	30.19	---	56.00	25.81	1000.0	9.000	L1	OFF	9.5
1.602203	29.60	---	56.00	26.40	1000.0	9.000	L1	OFF	9.7
2.200695	30.30	---	56.00	25.70	1000.0	9.000	L1	OFF	9.7
2.200695	---	21.71	46.00	24.29	1000.0	9.000	L1	OFF	9.7
3.661853	28.44	---	56.00	27.56	1000.0	9.000	L1	OFF	9.7
10.646753	34.09	---	60.00	25.91	1000.0	9.000	L1	OFF	9.4

- 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 mode of antenna 2 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)
0.445515	---	27.57	46.96	19.38	1000.0	9.000	N	OFF	9.6
0.445515	28.77	---	56.96	28.19	1000.0	9.000	N	OFF	9.6
0.488798	---	25.61	46.19	20.58	1000.0	9.000	N	OFF	9.6
0.503723	27.80	---	56.00	28.20	1000.0	9.000	N	OFF	9.6
0.503723	---	23.95	46.00	22.05	1000.0	9.000	N	OFF	9.6
0.520140	---	23.45	46.00	22.55	1000.0	9.000	N	OFF	9.6
0.532080	---	22.84	46.00	23.16	1000.0	9.000	N	OFF	9.6
1.076843	24.74	---	56.00	31.26	1000.0	9.000	N	OFF	9.6
2.254425	23.95	---	56.00	32.05	1000.0	9.000	N	OFF	9.5
4.958835	23.36	---	56.00	32.64	1000.0	9.000	N	OFF	9.7
21.119625	---	27.67	50.00	22.33	1000.0	9.000	N	OFF	10.0
21.119625	29.57	---	60.00	30.43	1000.0	9.000	N	OFF	10.0

- 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 mode of antenna 2 which is the worst case, so only the worst case is included in this test report.



9. 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 two Street-lamp-camera antennas.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT