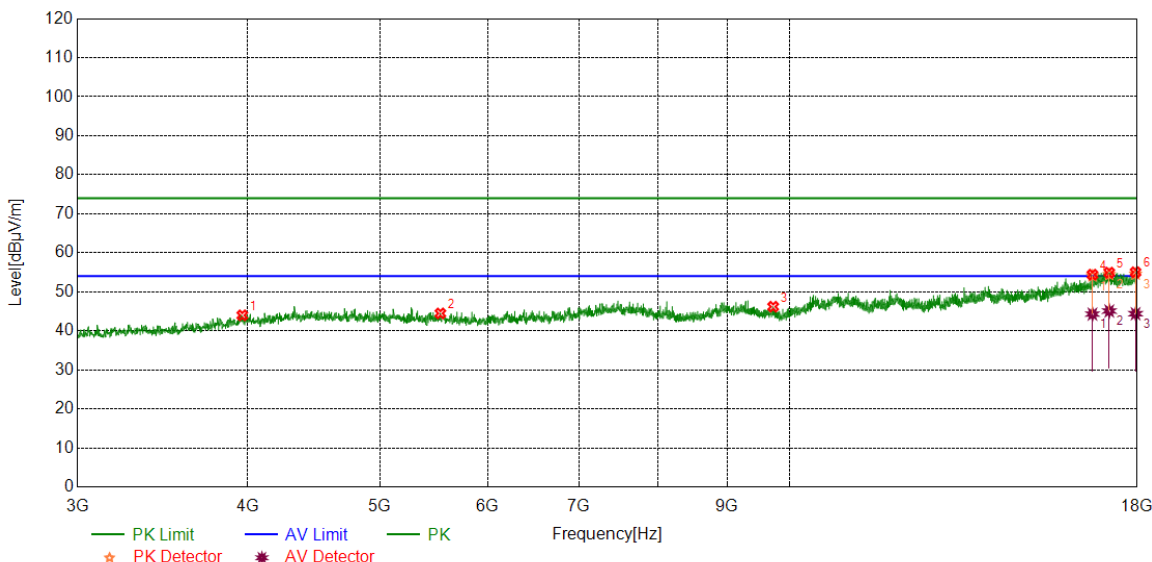




Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS

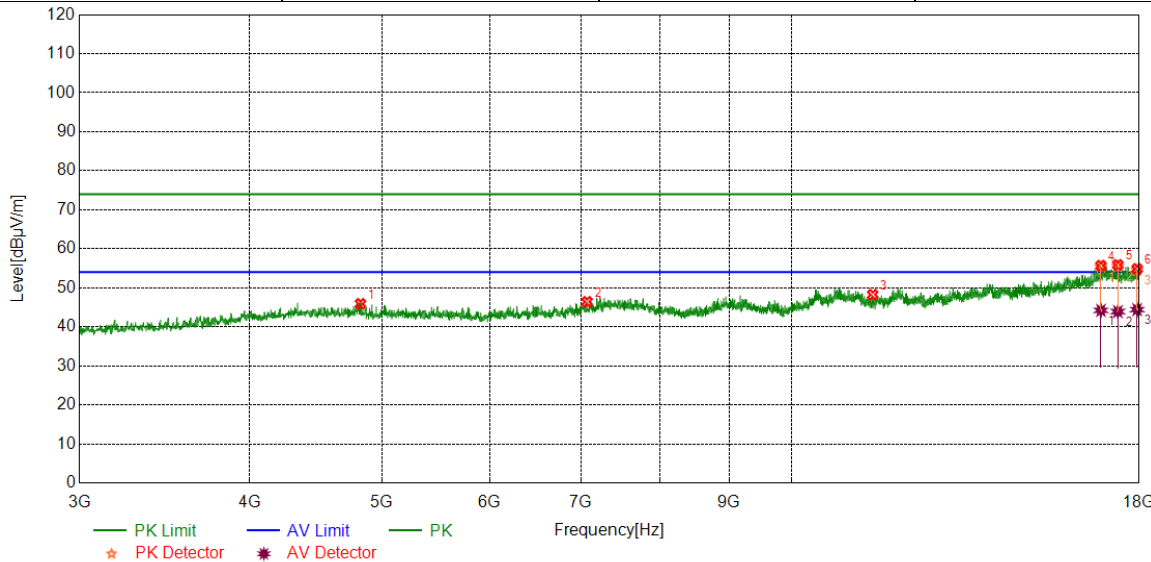


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3963.8705	39.52	4.46	43.98	74.00	-30.02	peak
2	5540.9426	39.12	5.35	44.47	74.00	-29.53	peak
3	9726.4658	37.93	8.26	46.19	74.00	-27.81	peak
4	16687.3359	36.30	18.10	54.40	74.00	-19.60	peak
		26.19	18.10	44.29	54.00	-9.71	average
5	17169.2712	36.55	18.36	54.91	74.00	-19.09	peak
		26.72	18.36	45.08	54.00	-8.92	average
6	17949.3687	36.47	18.55	55.02	74.00	-18.98	peak
		25.83	18.55	44.38	54.00	-9.62	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 7.2.  
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

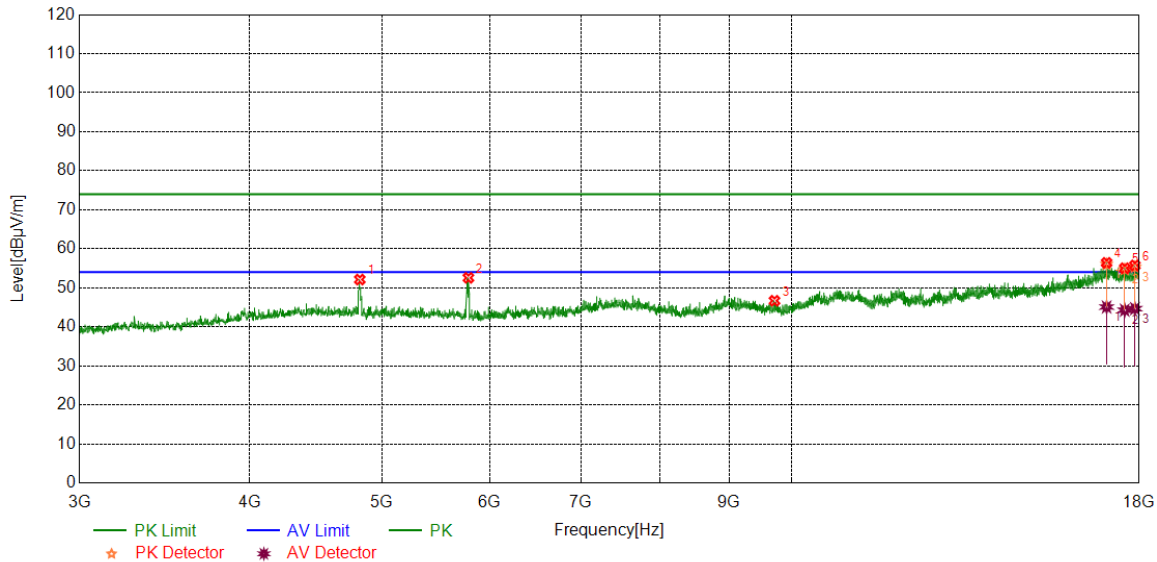


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4824.6031	40.50	5.40	45.90	74.00	-28.10	peak
2	7076.7596	38.15	8.28	46.43	74.00	-27.57	peak
3	11470.4338	37.28	10.97	48.25	74.00	-25.75	peak
4	16871.1089	37.97	17.71	55.68	74.00	-18.32	peak
		26.50	17.71	44.21	54.00	-9.79	average
5	17360.5451	37.87	18.02	55.89	74.00	-18.11	peak
		25.90	18.02	43.92	54.00	-10.08	average
6	17936.242	36.63	18.22	54.85	74.00	-19.15	peak
		26.20	18.22	44.42	54.00	-9.58	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 7.2.  
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

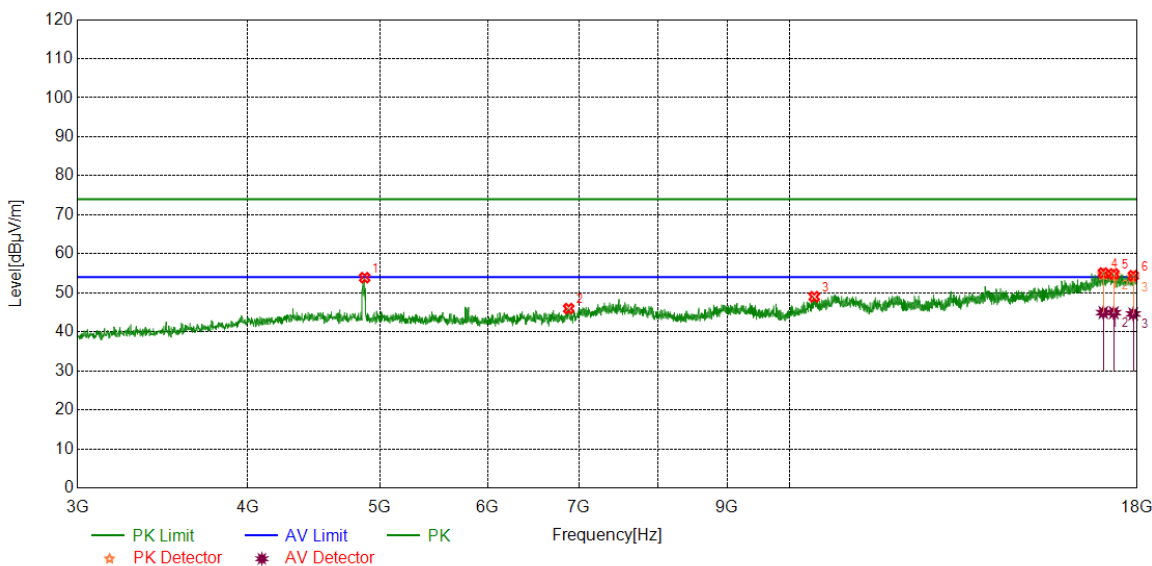


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4818.9774	46.85	5.27	52.12	74.00	-21.88	peak
2	5790.3488	47.33	5.23	52.56	74.00	-21.44	peak
3	9715.2144	38.41	8.28	46.69	74.00	-27.31	peak
4	17034.2543	37.44	18.97	56.41	74.00	-17.59	peak
		26.11	18.97	45.08	54.00	-8.92	average
5	17563.0704	37.05	17.97	55.02	74.00	-18.98	peak
		26.30	17.97	44.27	54.00	-9.73	average
6	17868.7336	37.37	18.37	55.74	74.00	-18.26	peak
		26.29	18.37	44.66	54.00	-9.34	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

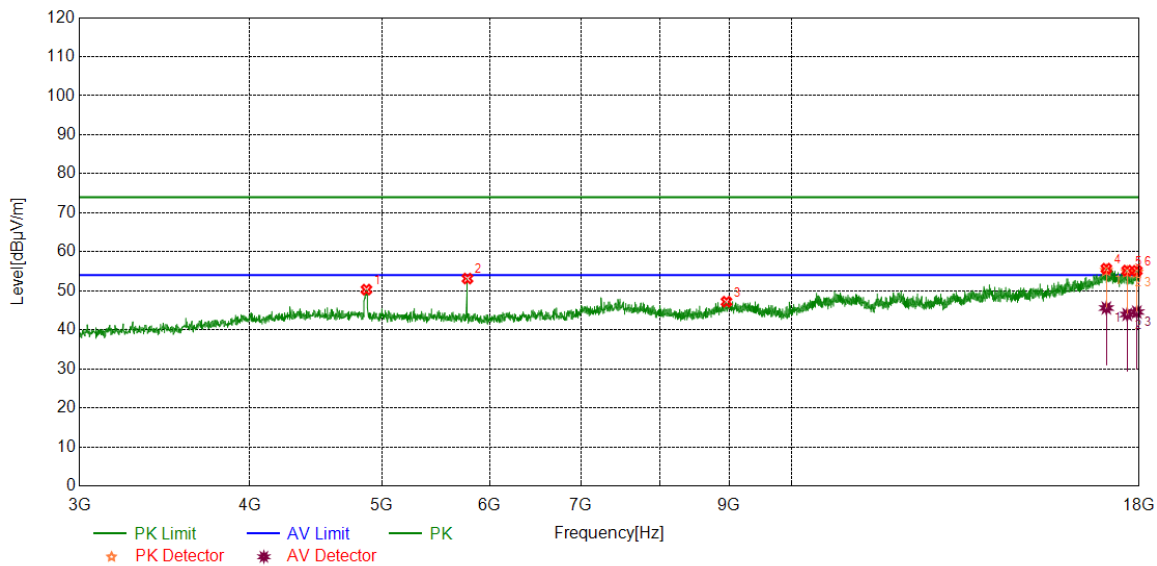


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4875.2344	48.55	5.33	53.88	74.00	-20.12	peak
2	6883.6105	37.74	8.21	45.95	74.00	-28.05	peak
3	10425.9282	37.53	11.46	48.99	74.00	-25.01	peak
4	16996.7496	36.42	18.64	55.06	74.00	-18.94	peak
		26.29	18.64	44.93	54.00	-9.07	average
5	17300.5376	37.13	17.72	54.85	74.00	-19.15	peak
		27.18	17.72	44.90	54.00	-9.10	average
6	17879.985	36.24	18.15	54.39	74.00	-19.61	peak
		26.44	18.15	44.59	54.00	-9.41	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

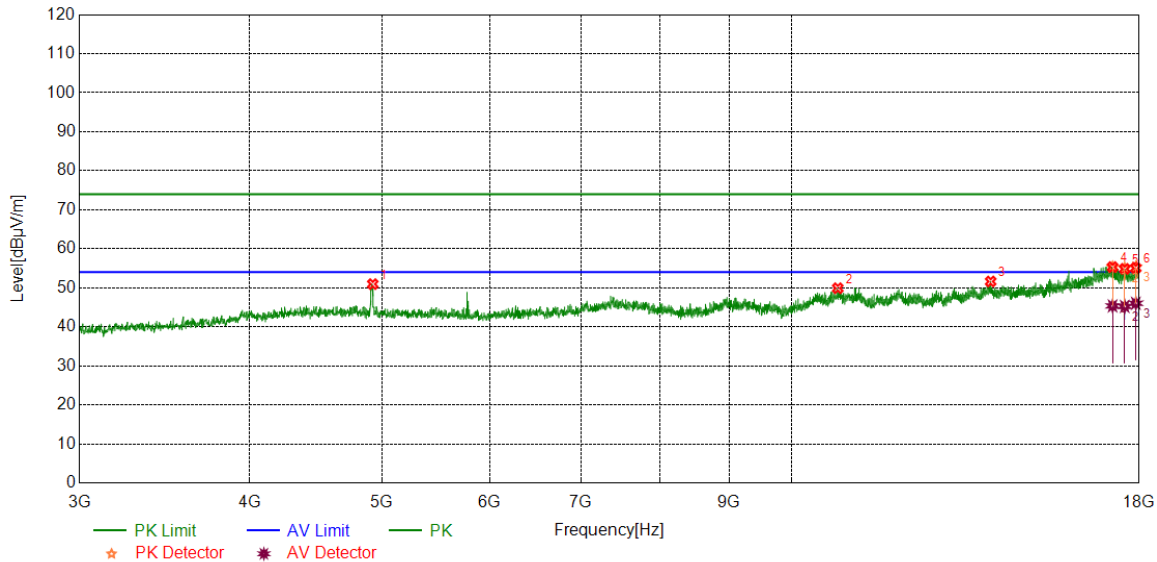


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	44.99	5.32	50.31	74.00	-23.69	peak
2	5780.9726	47.85	5.29	53.14	74.00	-20.86	peak
3	8957.6197	38.16	9.05	47.21	74.00	-26.79	peak
4	17026.7533	36.87	18.81	55.68	74.00	-18.32	peak
		26.79	18.81	45.60	54.00	-8.40	average
5	17636.2045	37.67	17.51	55.18	74.00	-18.82	peak
		26.43	17.51	43.94	54.00	-10.06	average
6	17926.8659	37.11	18.03	55.14	74.00	-18.86	peak
		26.54	18.03	44.57	54.00	-9.43	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

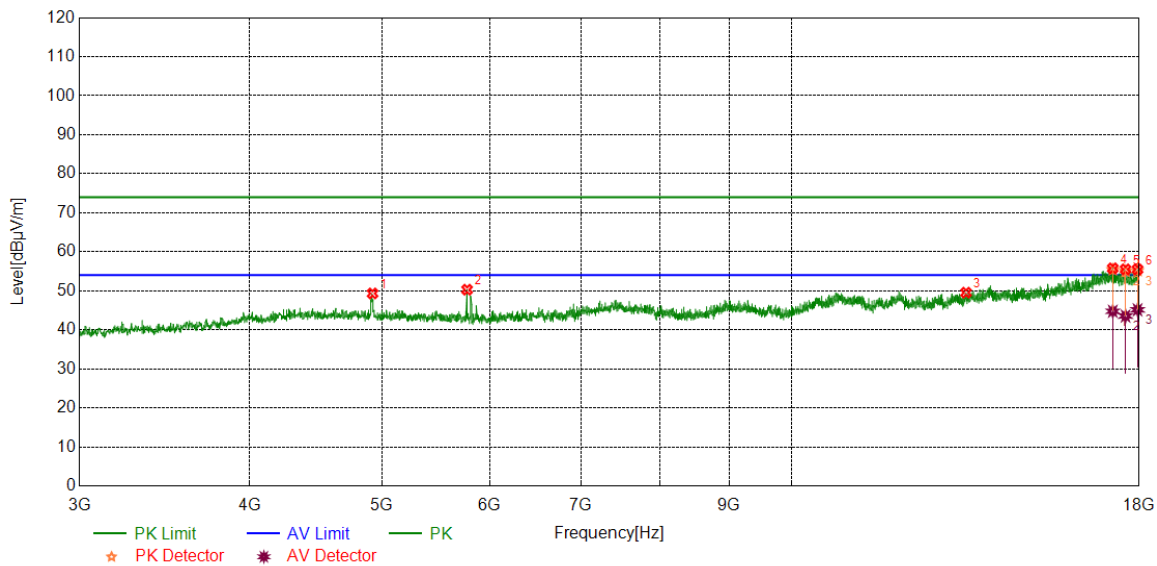


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4925.8657	45.79	5.16	50.95	74.00	-23.05	peak
2	10812.2265	37.69	12.21	49.90	74.00	-24.10	peak
3	14002.0003	37.27	14.35	51.62	74.00	-22.38	peak
4	17206.7758	37.32	18.00	55.32	74.00	-18.68	peak
		27.36	18.00	45.36	54.00	-8.64	average
5	17563.0704	36.88	17.97	54.85	74.00	-19.15	peak
		27.27	17.97	45.24	54.00	-8.76	average
6	17896.8621	36.62	18.45	55.07	74.00	-18.93	peak
		27.59	18.45	46.04	54.00	-7.96	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

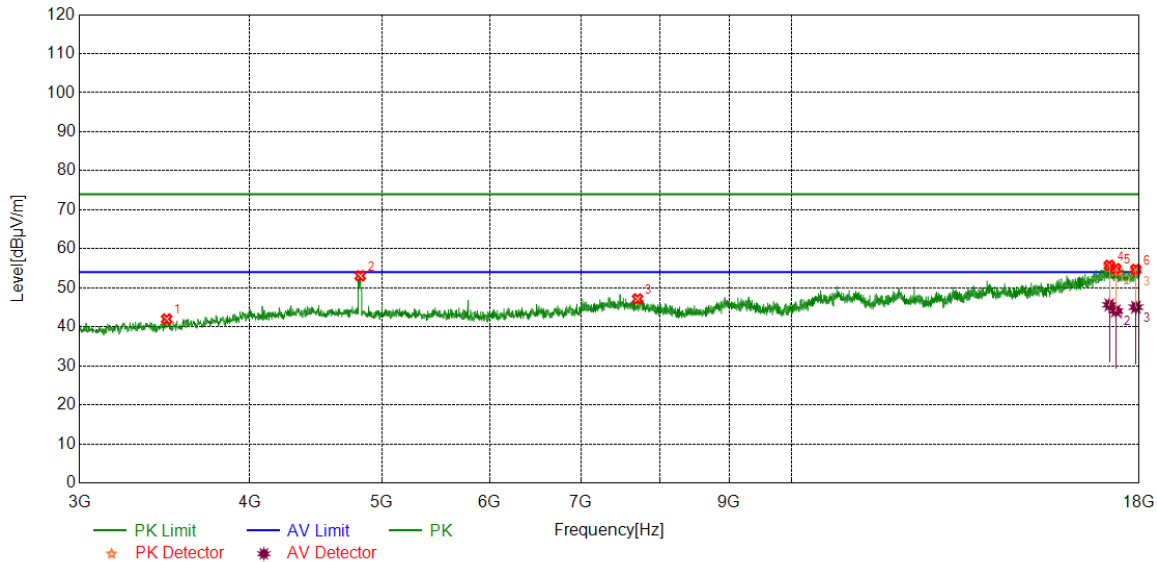


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4923.9905	44.15	5.18	49.33	74.00	-24.67	peak
2	5777.2222	44.98	5.31	50.29	74.00	-23.71	peak
3	13431.9290	36.67	12.86	49.53	74.00	-24.47	peak
4	17212.4016	37.98	17.78	55.76	74.00	-18.24	peak
		26.98	17.78	44.76	54.00	-9.24	average
5	17587.4484	38.18	17.32	55.50	74.00	-18.50	peak
		26.22	17.32	43.54	54.00	-10.46	average
6	17949.3687	36.93	18.55	55.48	74.00	-18.52	peak
		26.58	18.55	45.13	54.00	-8.87	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 7.2.  
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



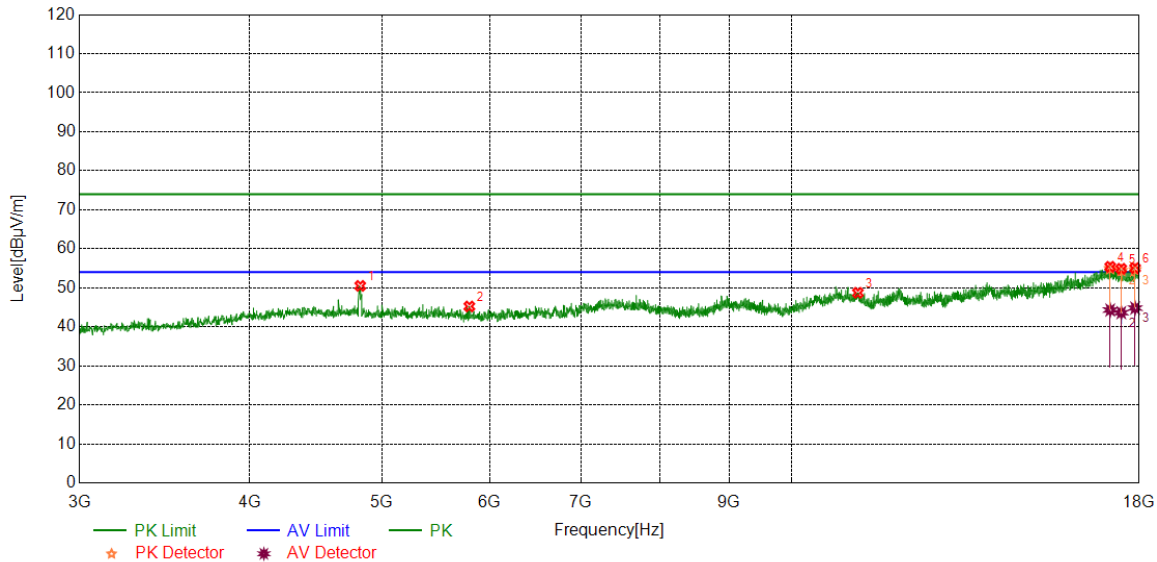
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3476.3095	39.93	2.05	41.98	74.00	-32.02	peak
2	4822.7278	47.72	5.35	53.07	74.00	-20.93	peak
3	7706.8384	38.86	8.30	47.16	74.00	-26.84	peak
4	17113.0141	37.72	18.01	55.73	74.00	-18.27	peak
		27.62	18.01	45.63	54.00	-8.37	average
5	17302.4128	37.21	17.68	54.89	74.00	-19.11	peak
		26.41	17.68	44.09	54.00	-9.91	average
6	17898.7373	36.28	18.42	54.70	74.00	-19.30	peak
		26.62	18.42	45.04	54.00	-8.96	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

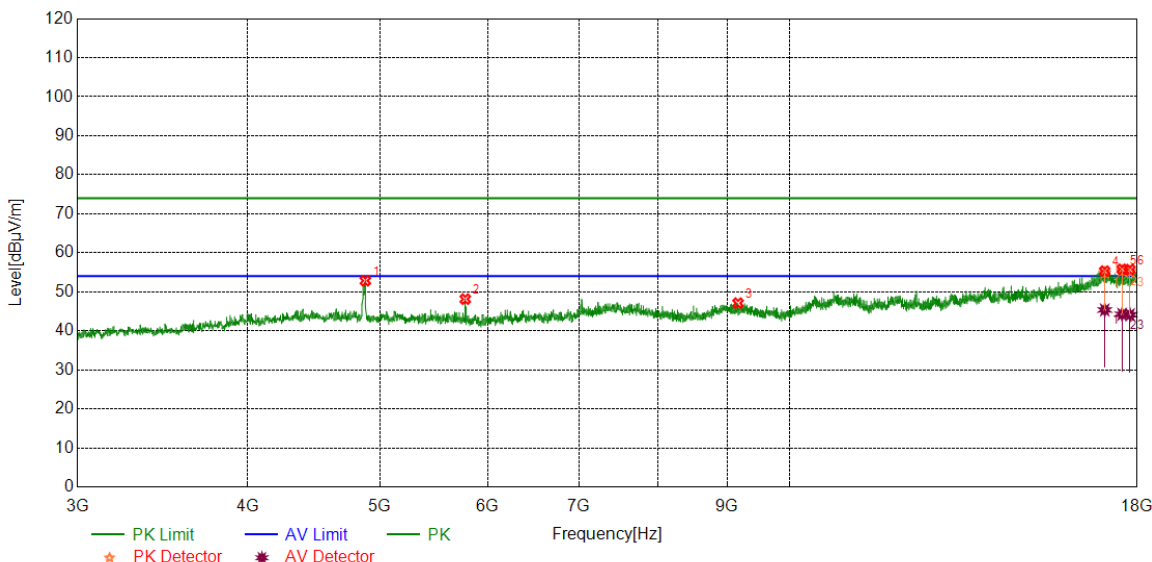


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4822.7278	45.15	5.35	50.50	74.00	-23.50	peak
2	5799.7250	39.81	5.42	45.23	74.00	-28.77	peak
3	11187.2734	36.75	11.97	48.72	74.00	-25.28	peak
4	17137.3922	37.20	18.20	55.40	74.00	-18.60	peak
		26.11	18.20	44.31	54.00	-9.69	average
5	17461.8077	37.16	17.73	54.89	74.00	-19.11	peak
		25.91	17.73	43.64	54.00	-10.36	average
6	17874.3593	36.79	18.26	55.05	74.00	-18.95	peak
							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

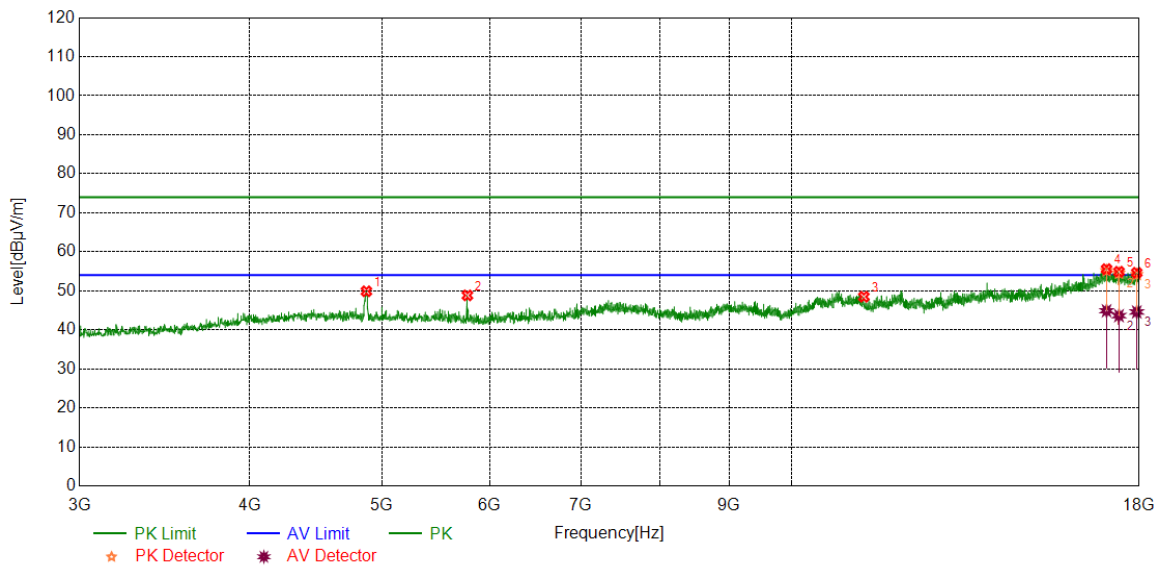


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.8601	47.50	5.33	52.83	74.00	-21.17	peak
2	5779.0974	42.83	5.30	48.13	74.00	-25.87	peak
3	9165.7707	38.38	8.71	47.09	74.00	-26.91	peak
4	17038.0048	36.38	18.92	55.30	74.00	-18.70	peak
		26.43	18.92	45.35	54.00	-8.65	average
5	17544.318	38.09	17.68	55.77	74.00	-18.23	peak
		26.56	17.68	44.24	54.00	-9.76	average
6	17780.5976	37.38	18.31	55.69	74.00	-18.31	peak
		25.80	18.31	44.11	54.00	-9.89	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

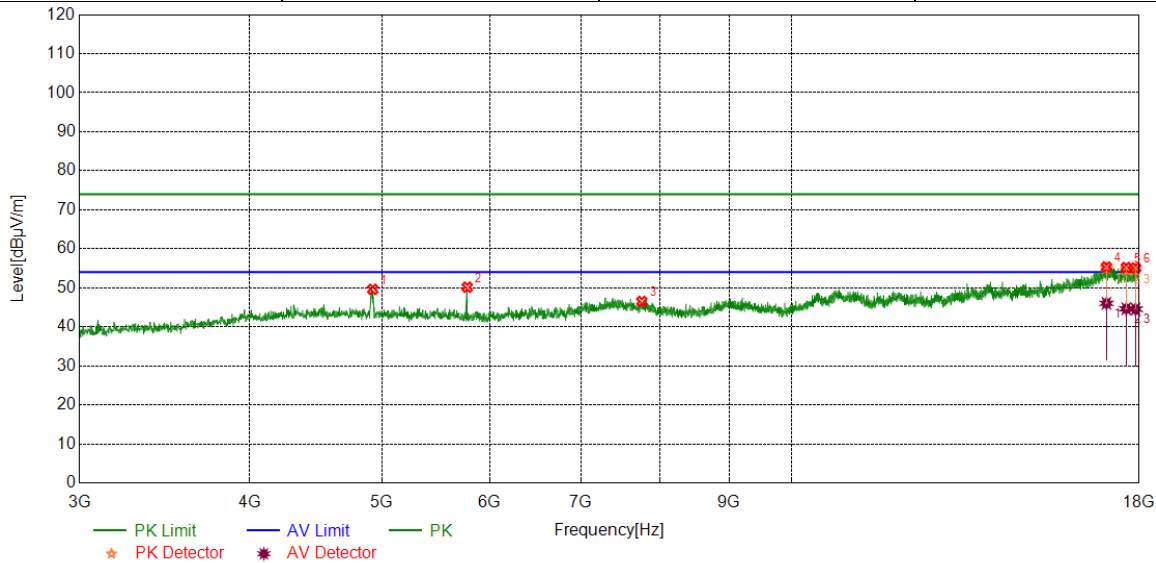


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	44.56	5.32	49.88	74.00	-24.12	peak
2	5780.9726	43.54	5.29	48.83	74.00	-25.17	peak
3	11299.7875	36.71	11.77	48.48	74.00	-25.52	peak
4	17032.379	36.57	19.00	55.57	74.00	-18.43	peak
		25.89	19.00	44.89	54.00	-9.11	average
5	17394.2993	37.17	17.72	54.89	74.00	-19.11	peak
		25.91	17.72	43.63	54.00	-10.37	average
6	17924.9906	36.68	17.96	54.64	74.00	-19.36	peak
		26.63	17.96	44.59	54.00	-9.41	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

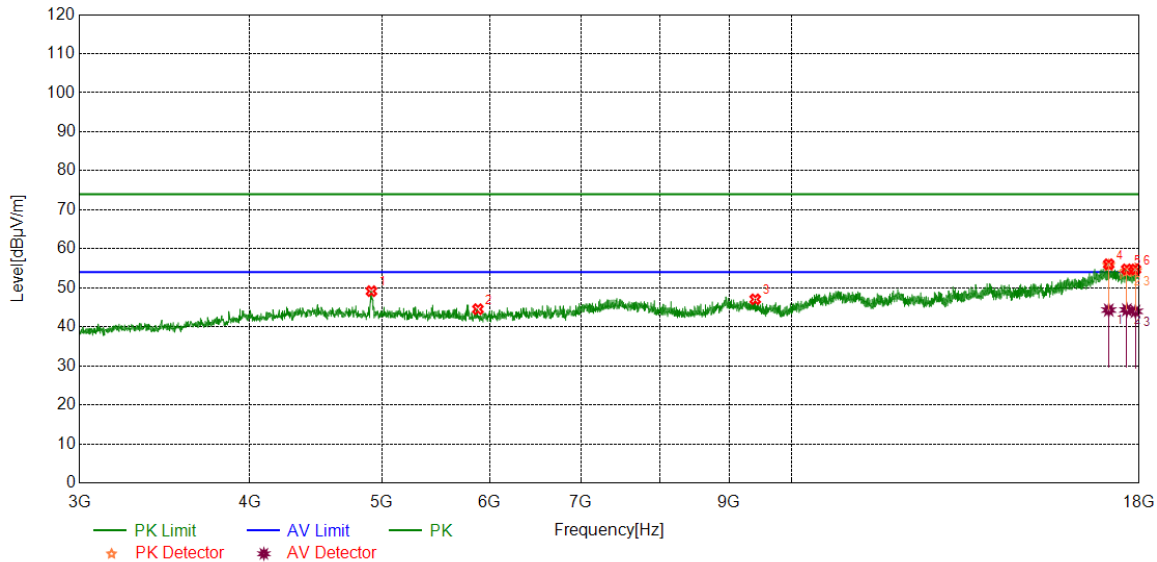


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4925.8657	44.45	5.16	49.61	74.00	-24.39	peak
2	5779.0974	44.85	5.30	50.15	74.00	-23.85	peak
3	7763.0954	38.31	8.20	46.51	74.00	-27.49	peak
4	17030.5038	36.30	19.03	55.33	74.00	-18.67	peak
		27.00	19.03	46.03	54.00	-7.97	average
5	17608.076	37.39	17.79	55.18	74.00	-18.82	peak
		26.85	17.79	44.64	54.00	-9.36	average
6	17889.3612	36.55	18.53	55.08	74.00	-18.92	peak
		26.00	18.53	44.53	54.00	-9.47	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

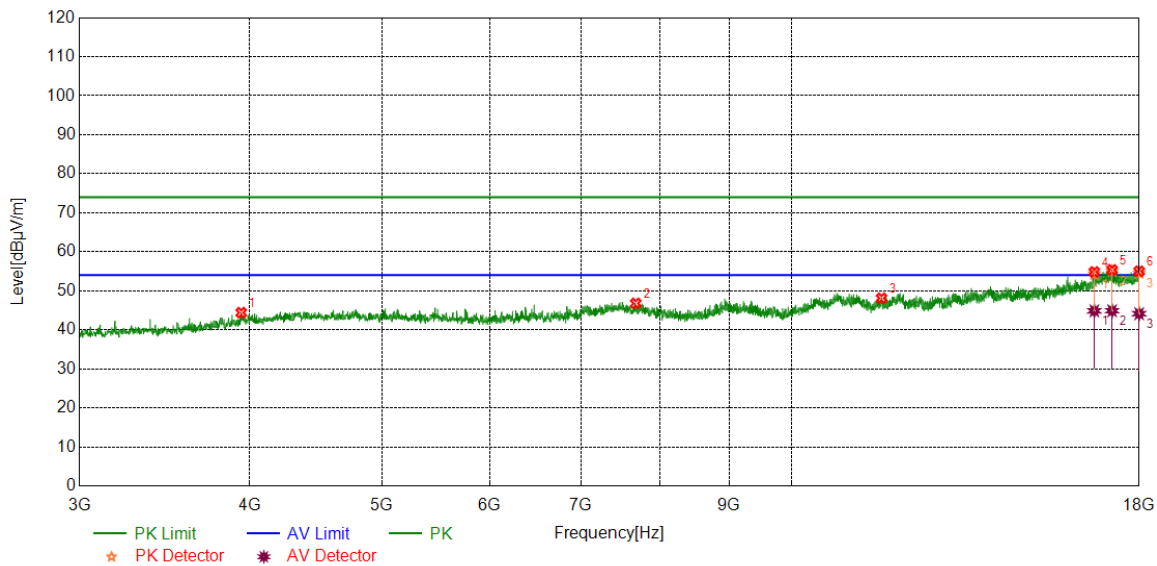


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4914.6143	43.86	5.28	49.14	74.00	-24.86	peak
2	5884.1105	39.32	5.21	44.53	74.00	-29.47	peak
3	9403.9255	38.61	8.45	47.06	74.00	-26.94	peak
4	17096.137	37.81	18.23	56.04	74.00	-17.96	peak
		26.07	18.23	44.30	54.00	-9.70	average
5	17624.9531	37.32	17.42	54.74	74.00	-19.26	peak
		26.93	17.42	44.35	54.00	-9.65	average
6	17885.6107	36.34	18.38	54.72	74.00	-19.28	peak
		25.59	18.38	43.97	54.00	-10.03	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 HT40	LCH	Horizontal	PASS

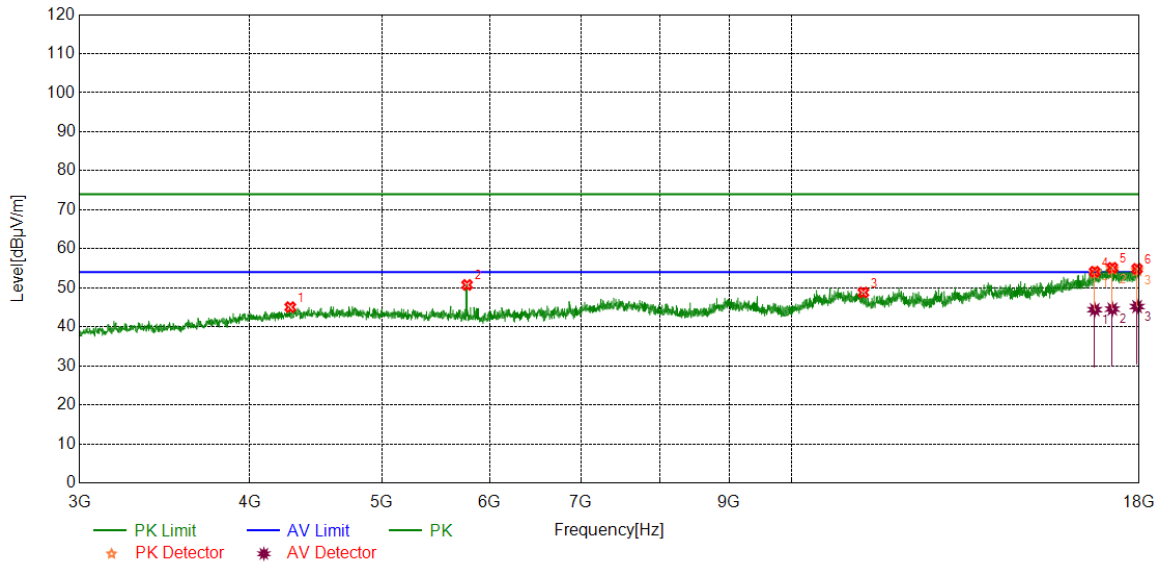


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3943.2429	40.12	4.29	44.41	74.00	-29.59	peak
2	7684.3355	38.26	8.51	46.77	74.00	-27.23	peak
3	11642.9554	36.55	11.54	48.09	74.00	-25.91	peak
4	16683.5854	36.89	17.94	54.83	74.00	-19.17	peak
		26.93	17.94	44.87	54.00	-9.13	average
5	17193.6492	37.14	18.24	55.38	74.00	-18.62	peak
		26.65	18.24	44.89	54.00	-9.11	average
6	17998.1248	37.00	18.01	55.01	74.00	-18.99	peak
		26.13	18.01	44.14	54.00	-9.86	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 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

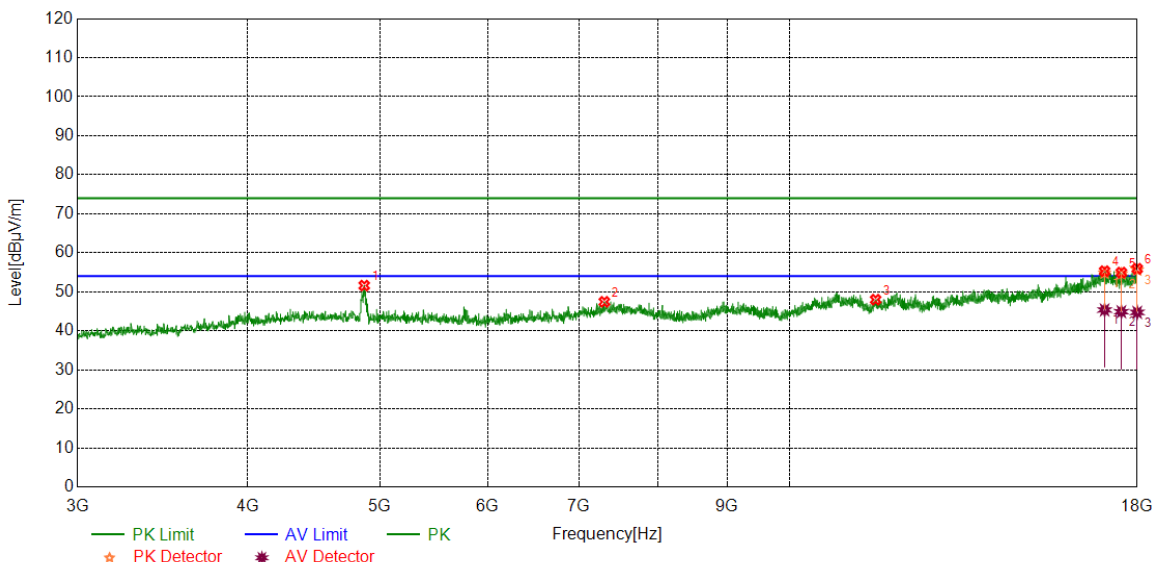


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4284.5356	40.10	4.95	45.05	74.00	-28.95	peak
2	5777.2222	45.43	5.31	50.74	74.00	-23.26	peak
3	11290.4113	37.34	11.46	48.80	74.00	-25.20	peak
4	16694.8369	36.07	18.06	54.13	74.00	-19.87	peak
		26.34	18.06	44.40	54.00	-9.60	average
5	17201.1501	36.84	18.30	55.14	74.00	-18.86	peak
		26.25	18.30	44.55	54.00	-9.45	average
6	17936.242	36.65	18.22	54.87	74.00	-19.13	peak
		26.97	18.22	45.19	54.00	-8.81	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 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



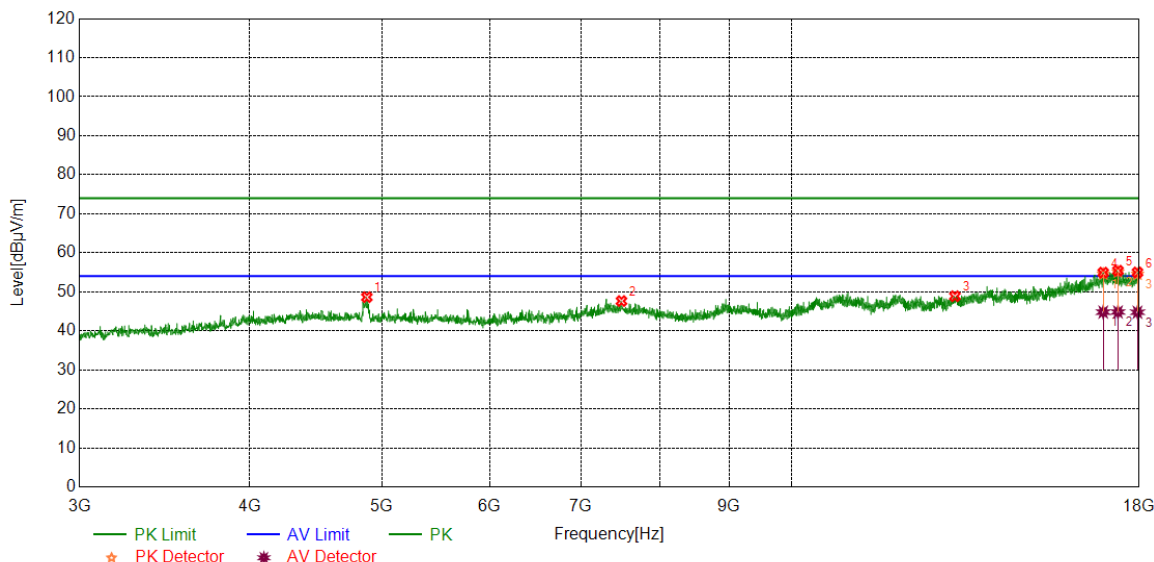
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4871.4839	46.28	5.32	51.60	74.00	-22.40	peak
2	7311.1639	39.00	8.44	47.44	74.00	-26.56	peak
3	11566.0708	36.68	11.31	47.99	74.00	-26.01	peak
4	17034.2543	36.32	18.97	55.29	74.00	-18.71	peak
		26.38	18.97	45.35	54.00	-8.65	average
5	17523.6905	37.14	17.79	54.93	74.00	-19.07	peak
		27.11	17.79	44.90	54.00	-9.10	average
6	18000	37.77	18.13	55.90	74.00	-18.10	peak
		26.60	18.13	44.73	54.00	-9.27	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 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

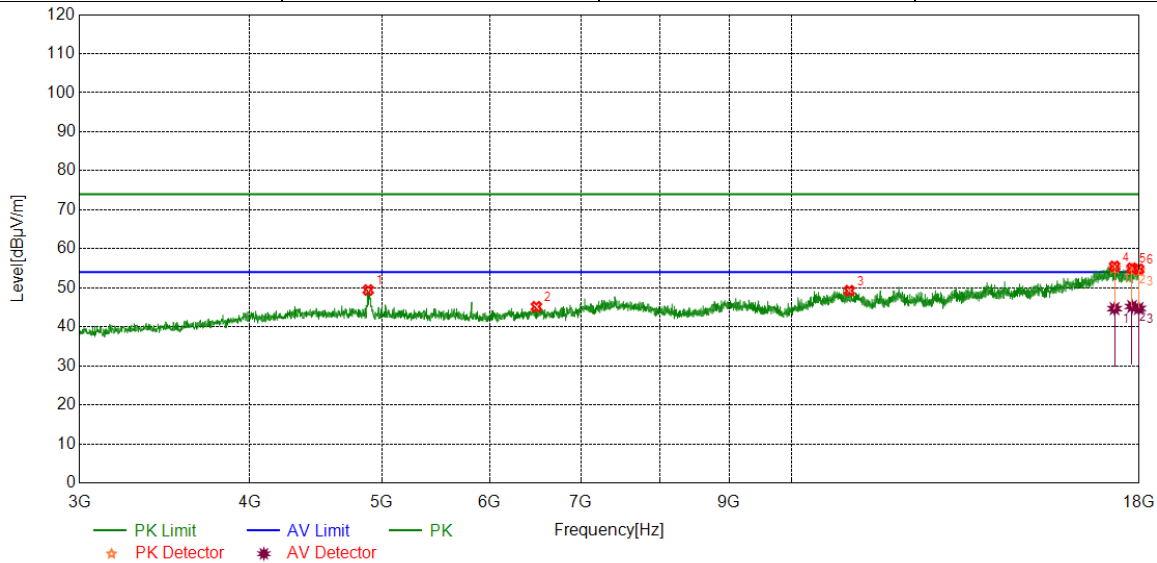


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4877.1096	43.30	5.33	48.63	74.00	-25.37	peak
2	7500.5626	39.05	8.59	47.64	74.00	-26.36	peak
3	13180.6476	36.25	12.62	48.87	74.00	-25.13	peak
4	16936.7421	36.49	18.43	54.92	74.00	-19.08	peak
		26.37	18.43	44.80	54.00	-9.20	average
5	17364.2955	37.21	18.21	55.42	74.00	-18.58	peak
		26.62	18.21	44.83	54.00	-9.17	average
6	17947.4934	36.47	18.50	54.97	74.00	-19.03	peak
		26.27	18.50	44.77	54.00	-9.23	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 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

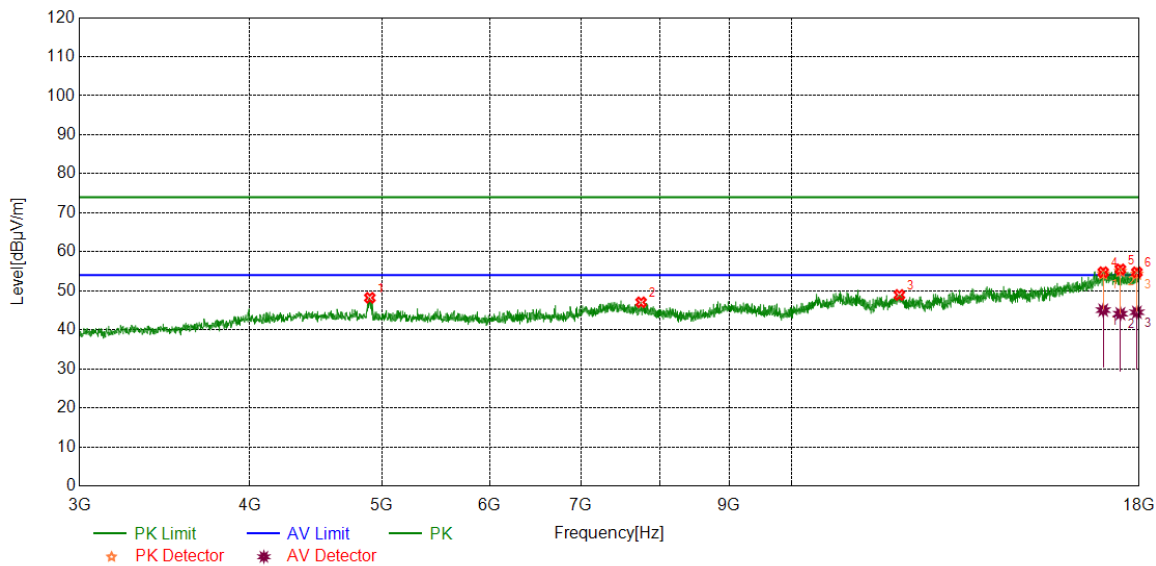


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4888.3610	44.10	5.34	49.44	74.00	-24.56	peak
2	6495.4369	38.00	7.15	45.15	74.00	-28.85	peak
3	11026.0033	36.86	12.40	49.26	74.00	-24.74	peak
4	17264.9081	37.99	17.50	55.49	74.00	-18.51	peak
		27.17	17.50	44.67	54.00	-9.33	average
5	17782.4728	36.90	18.12	55.02	74.00	-18.98	peak
		27.09	18.12	45.21	54.00	-8.79	average
6	17984.9981	36.95	17.81	54.76	74.00	-19.24	peak
		26.91	17.81	44.72	54.00	-9.28	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 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	4901.4877	42.86	5.35	48.21	74.00	-25.79	peak
2	7753.7192	38.88	8.18	47.06	74.00	-26.94	peak
3	11999.2499	35.98	12.97	48.95	74.00	-25.05	peak
4	16936.7421	36.33	18.43	54.76	74.00	-19.24	peak
		26.62	18.43	45.05	54.00	-8.95	average
5	17435.5544	37.61	17.88	55.49	74.00	-18.51	peak
		26.25	17.88	44.13	54.00	-9.87	average
6	17928.7411	36.65	18.10	54.75	74.00	-19.25	peak
		26.40	18.10	44.50	54.00	-9.50	average

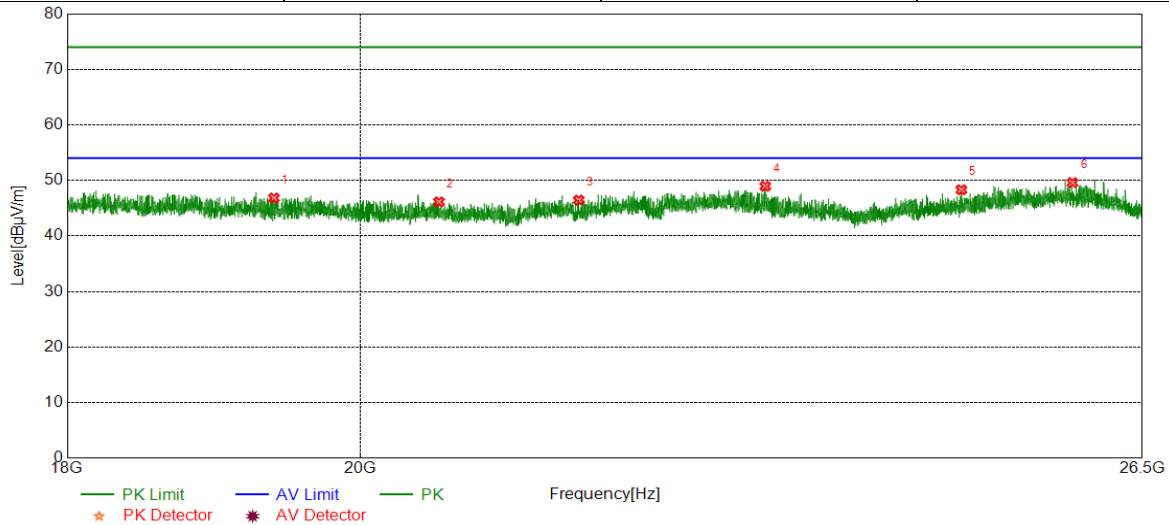
- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. AVG: VBW refer to section 7.1.  
6. For above 3GHz part, filter losses 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	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS

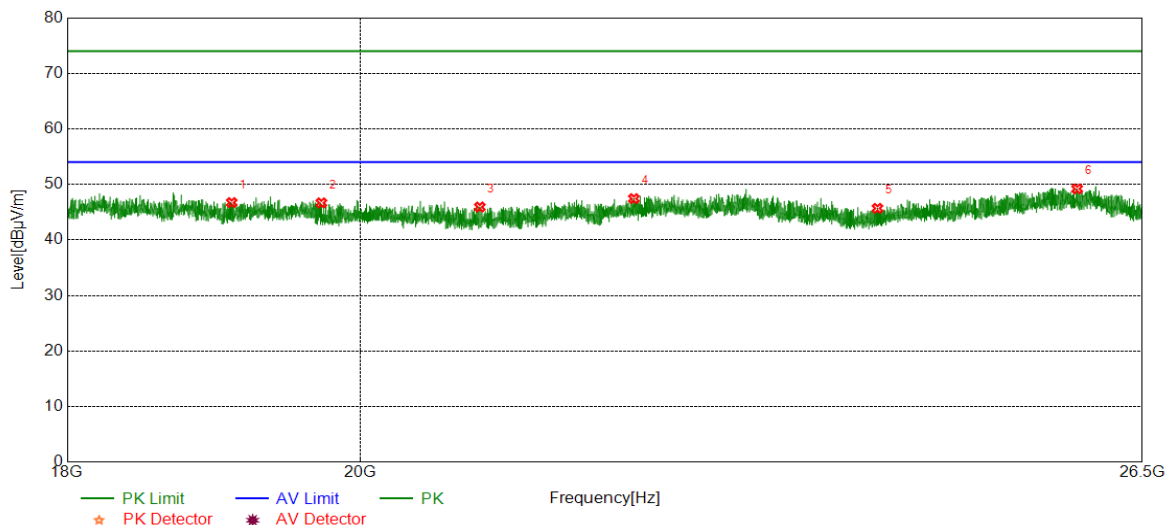


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	19389.8890	47.64	-0.81	46.83	74.00	-27.17	peak
2	20576.6077	46.90	-0.76	46.14	74.00	-27.86	peak
3	21638.3638	46.77	-0.32	46.45	74.00	-27.55	peak
4	23139.6140	48.09	0.86	48.95	74.00	-25.05	peak
5	24832.1332	48.47	-0.15	48.32	74.00	-25.68	peak
6	25844.5845	48.19	1.41	49.60	74.00	-24.40	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	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	19097.4597	47.78	-1.05	46.73	74.00	-27.27	peak
2	19723.9724	47.32	-0.65	46.67	74.00	-27.33	peak
3	20880.9381	46.86	-0.93	45.93	74.00	-28.07	peak
4	22071.0571	47.18	0.26	47.44	74.00	-26.56	peak
5	24093.4093	46.79	-1.10	45.69	74.00	-28.31	peak
6	25887.9388	47.72	1.48	49.20	74.00	-24.80	peak

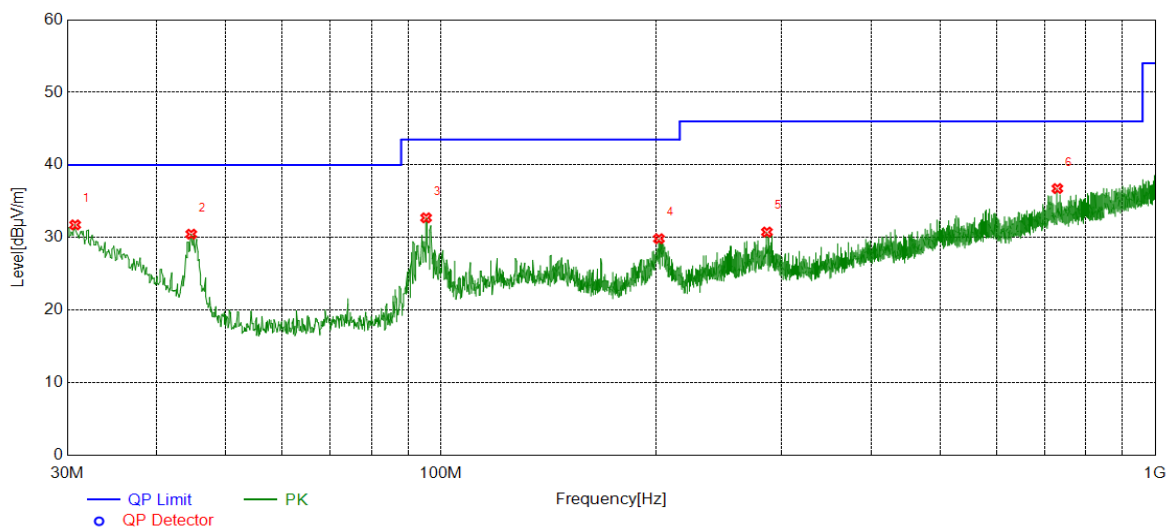
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
3. Measurement = Reading Level + Correct Factor.



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

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

Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS

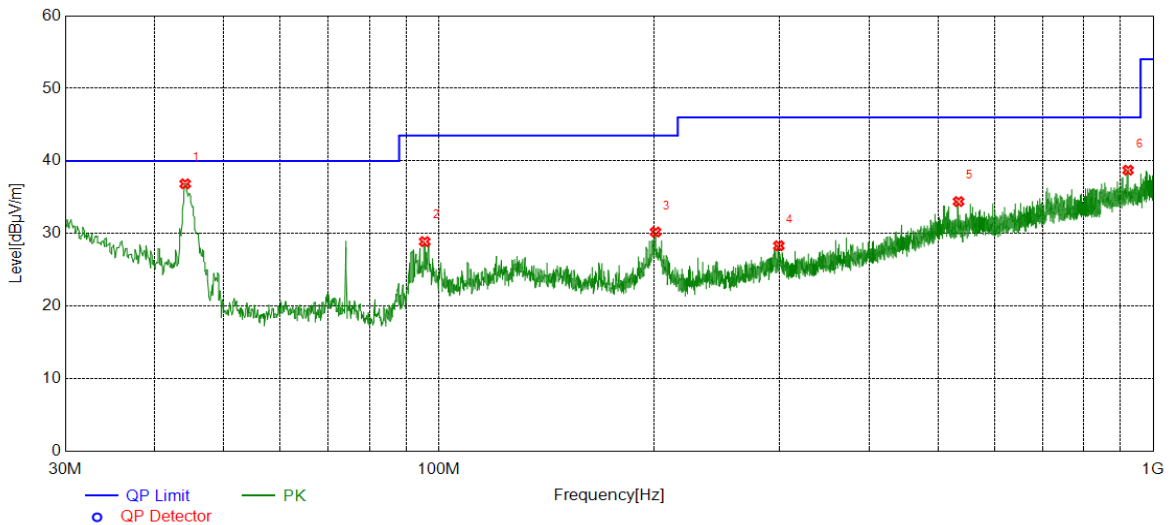


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.7761	5.19	26.56	31.75	40.00	-8.25	peak
2	44.7455	12.70	17.77	30.47	40.00	-9.53	peak
3	95.3845	16.97	15.75	32.72	43.50	-10.78	peak
4	201.9982	10.82	19.02	29.84	43.50	-13.66	peak
5	286.1056	10.29	20.47	30.76	46.00	-15.24	peak
6	729.5370	7.82	28.93	36.75	46.00	-9.25	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	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)				
1	44.1634	18.73	18.12	36.85	40.00	-3.15	peak
2	95.5786	13.10	15.79	28.89	43.50	-14.61	peak
3	201.1251	11.11	19.10	30.21	43.50	-13.29	peak
4	299.2019	7.82	20.50	28.32	46.00	-17.68	peak
5	533.9654	8.39	26.02	34.41	46.00	-11.59	peak
6	922.1982	7.33	31.40	38.73	46.00	-7.27	peak

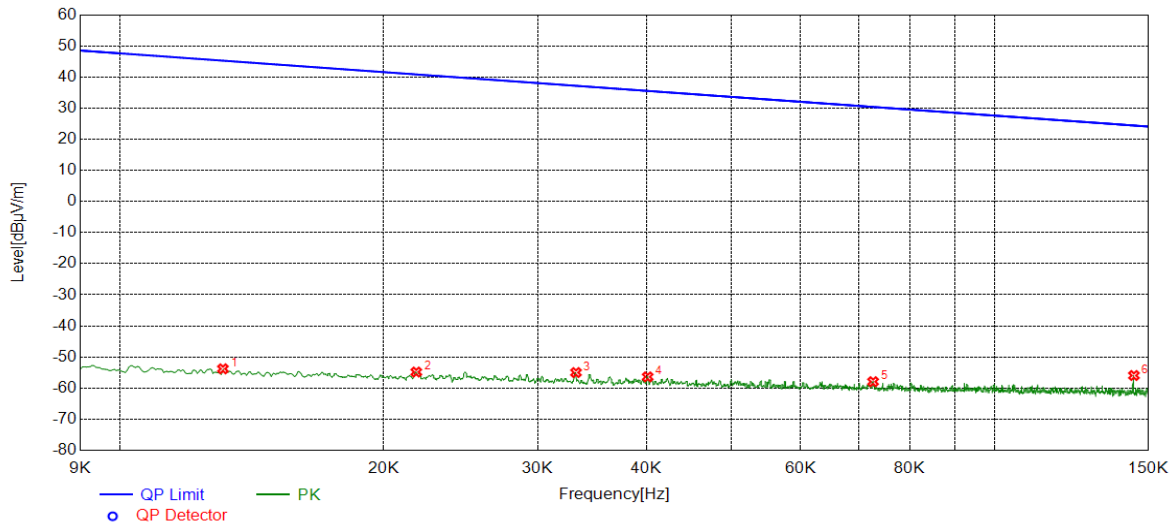
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.  
3. Measurement = Reading Level + Correct Factor.



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

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

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



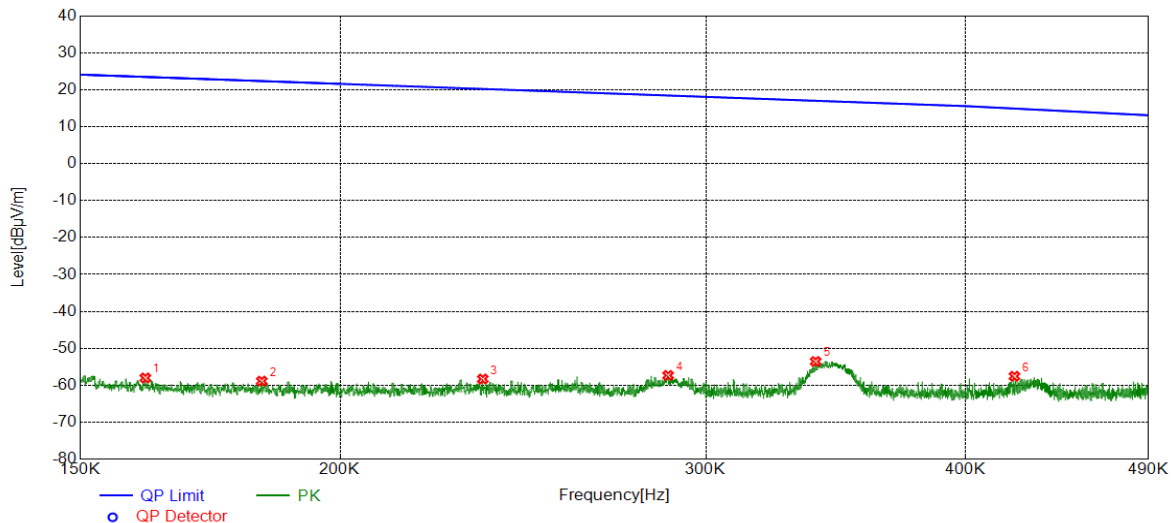
No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	IC Result	IC Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0131	8.13	-61.92	-53.79	45.23	-105.29	-6.27	99.02	peak
2	0.0218	7.00	-61.83	-54.83	40.84	-106.33	-10.66	95.67	peak
3	0.0332	6.75	-61.74	-54.99	37.19	-106.49	-14.31	92.18	peak
4	0.0401	5.36	-61.74	-56.38	35.53	-107.88	-15.97	91.91	peak
5	0.0726	3.88	-61.81	-57.93	30.38	-109.43	-21.12	88.31	peak
6	0.1443	5.90	-61.84	-55.94	24.42	-107.44	-27.08	80.36	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  
5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance. For example, the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to  $Y-51.5 = Z$  dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.





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

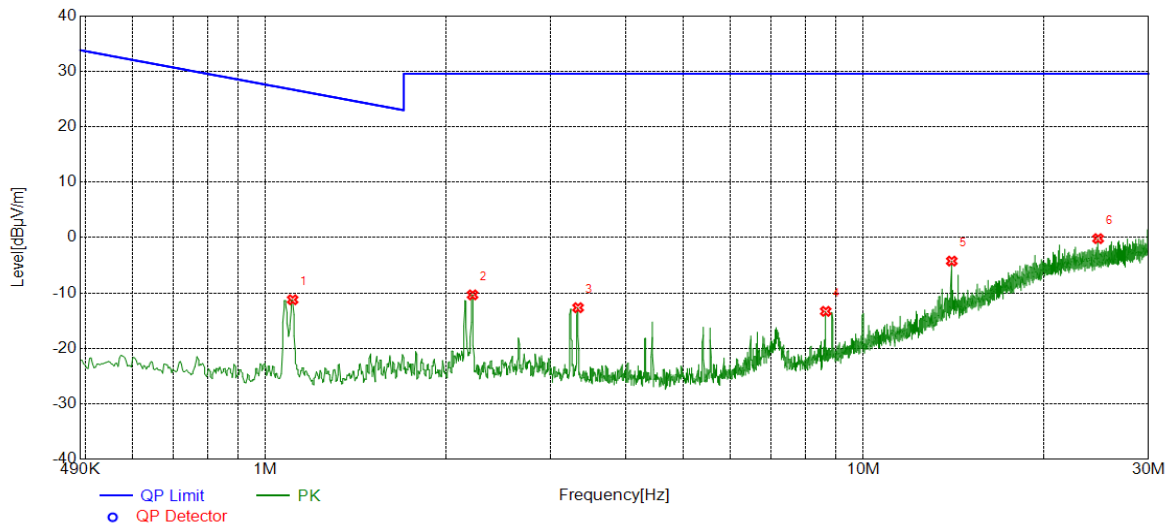


No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	IC Result	IC Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1612	3.85	-61.85	-58.00	23.46	-109.50	-28.04	81.46	peak
2	0.1834	3.00	-61.85	-58.85	22.34	-110.35	-29.16	81.19	peak
3	0.2343	3.58	-61.87	-58.29	20.21	-109.79	-31.29	78.50	peak
4	0.2877	4.59	-61.90	-57.31	18.42	-108.81	-33.08	75.73	peak
5	0.3388	8.36	-61.90	-53.54	17.00	-105.04	-34.50	70.54	peak
6	0.4223	4.36	-61.90	-57.54	14.90	-109.04	-36.60	72.44	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  
5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance. For example, the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to  $Y-51.5 = Z$  dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.



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



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	IC Result	IC Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	1.1098	10.63	-21.85	-11.22	26.70	-62.72	-24.80	37.92	peak
2	2.2195	11.45	-21.80	-10.35	29.54	-61.85	-21.96	39.89	peak
3	3.3321	9.11	-21.77	-12.66	29.54	-64.16	-21.96	42.20	peak
4	8.6503	8.32	-21.64	-13.32	29.54	-64.82	-21.96	42.86	peak
5	14.0542	17.35	-21.60	-4.25	29.54	-55.75	-21.96	33.79	peak
6	24.6936	21.37	-21.57	-0.20	29.54	-51.70	-21.96	29.74	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  
5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance. For example, the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to  $Y-51.5 = Z$  dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

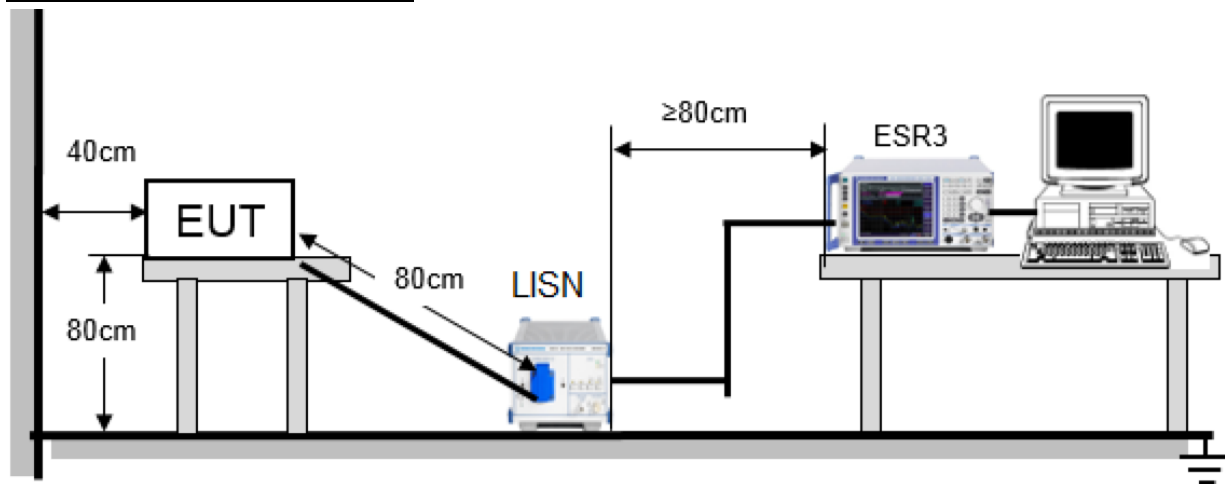
## 8. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

Please refer to FCC §15.207 (a), ISED RSS-Gen Clause 8.8

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

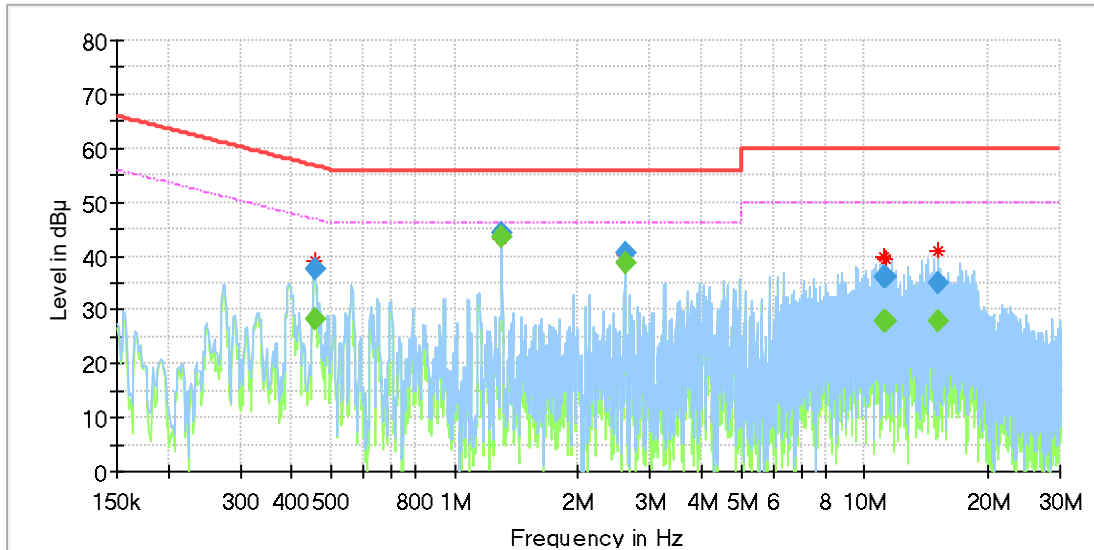


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3)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



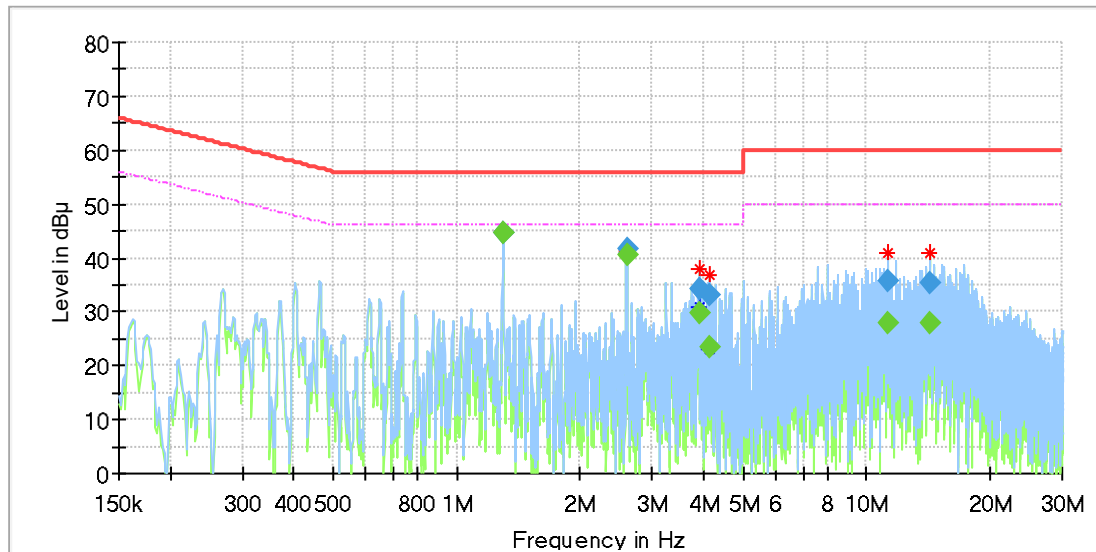
## Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.454470	---	28.15	46.79	18.65	1000.0	9.000	L1	OFF	9.7
0.455963	37.68	---	56.77	19.09	1000.0	9.000	L1	OFF	9.7
1.300718	---	43.66	46.00	2.34	1000.0	9.000	L1	OFF	9.7
1.300718	44.10	---	56.00	11.90	1000.0	9.000	L1	OFF	9.7
2.602178	---	38.78	46.00	7.22	1000.0	9.000	L1	OFF	9.7
2.602178	40.63	---	56.00	15.37	1000.0	9.000	L1	OFF	9.7
11.161665	35.98	---	60.00	24.02	1000.0	9.000	L1	OFF	9.4
11.161665	---	27.84	50.00	22.16	1000.0	9.000	L1	OFF	9.4
11.334795	36.00	---	60.00	24.00	1000.0	9.000	L1	OFF	9.4
11.334795	---	28.06	50.00	21.94	1000.0	9.000	L1	OFF	9.4
15.055598	---	28.05	50.00	21.95	1000.0	9.000	L1	OFF	9.5
15.055598	34.83	---	60.00	25.17	1000.0	9.000	L1	OFF	9.5

- Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).  
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.  
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.  
5. Pre-testing all test modes and channels, and find the MCH of 11B mode 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)
1.299225	---	44.55	46.00	1.45	1000.0	9.000	N	OFF	9.6
1.299225	44.75	---	56.00	11.25	1000.0	9.000	N	OFF	9.6
2.597700	---	40.67	46.00	5.33	1000.0	9.000	N	OFF	9.6
2.597700	41.57	---	56.00	14.43	1000.0	9.000	N	OFF	9.6
3.90653	---	29.63	46.00	16.37	1000.0	9.000	N	OFF	9.5
3.90653	34.13	---	56.00	21.87	1000.0	9.000	N	OFF	9.5
4.145423	32.96	---	56.00	23.04	1000.0	9.000	N	OFF	9.5
4.145423	---	23.36	46.00	22.64	1000.0	9.000	N	OFF	9.5
11.293005	35.73	---	60.00	24.27	1000.0	9.000	N	OFF	9.9
11.293005	---	27.94	50.00	22.06	1000.0	9.000	N	OFF	9.9
14.260095	35.34	---	60.00	24.66	1000.0	9.000	N	OFF	9.6
14.261588	---	28.03	50.00	21.97	1000.0	9.000	N	OFF	9.6

- Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).  
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.  
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.  
5. Pre-testing all test modes and channels, and find the MCH of 11B mode swich 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 one IF antenna.

### ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

**END OF REPORT**