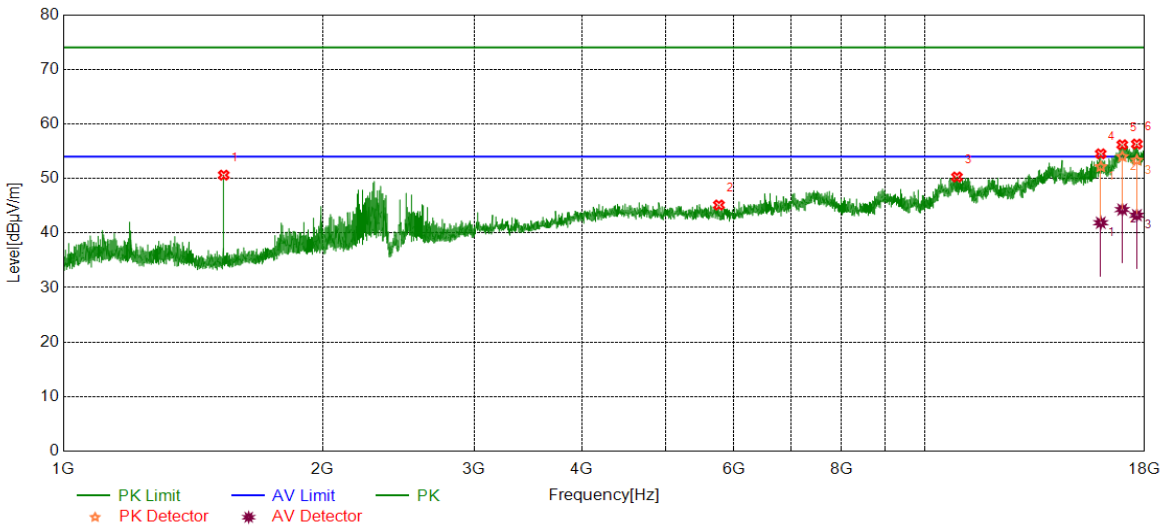




Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS

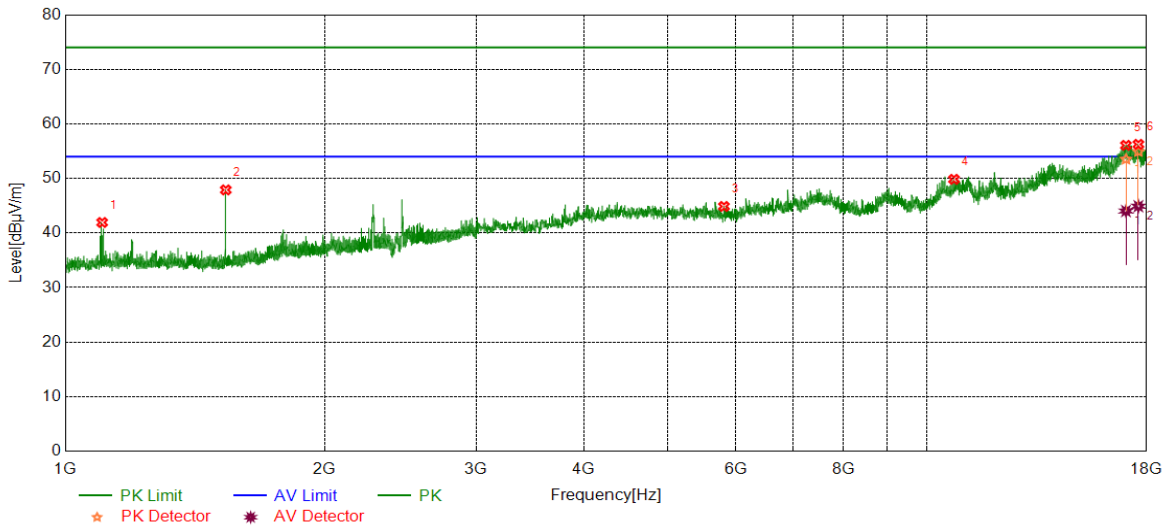


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	56.29	-5.68	50.61	74.00	-23.39	peak
2	5769.7212	39.90	5.23	45.13	74.00	-28.87	peak
3	10900.3625	37.93	12.34	50.27	74.00	-23.73	peak
4	16008.5011	37.66	16.85	54.51	74.00	-19.49	peak
		25.03	16.85	41.88	54.00	-12.12	average
5	16955.4944	36.66	19.52	56.18	74.00	-17.82	peak
		24.77	19.52	44.29	54.00	-9.71	average
6	17630.5788	37.45	18.86	56.31	74.00	-17.69	peak
		24.40	18.86	43.26	54.00	-10.74	average

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



Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS

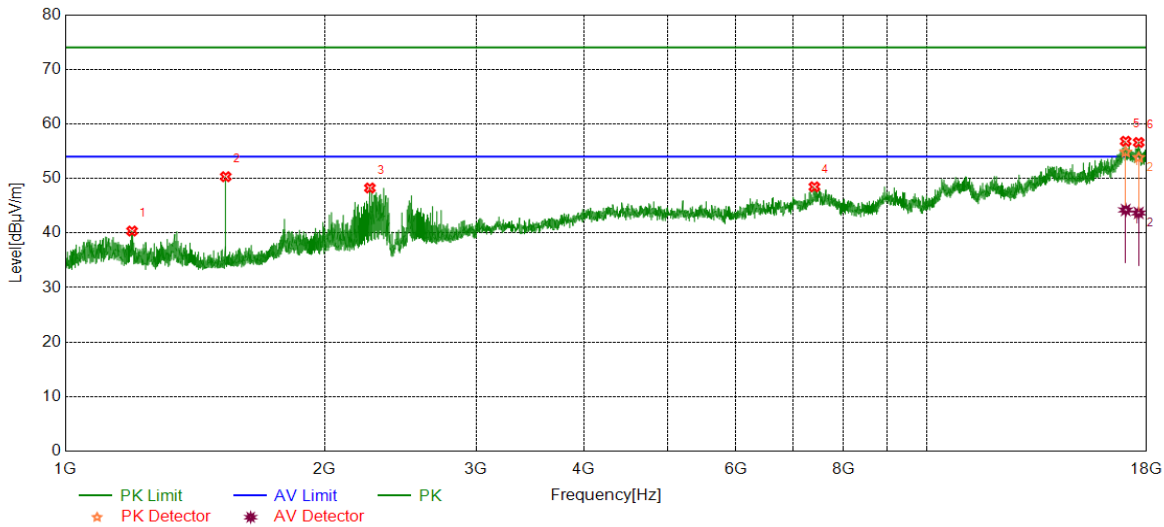


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1103.7630	47.48	-5.55	41.93	74.00	-32.07	peak
2	1536.0670	53.58	-5.68	47.90	74.00	-26.10	peak
3	5816.6021	39.75	5.12	44.87	74.00	-29.13	peak
4	10755.9695	37.72	12.12	49.84	74.00	-24.16	peak
5	17032.3790	36.57	19.50	56.07	74.00	-17.93	peak
		24.53	19.50	44.03	54.00	-9.97	average
6	17608.0760	37.54	18.72	56.26	74.00	-17.74	peak
		26.19	18.72	44.91	54.00	-9.09	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

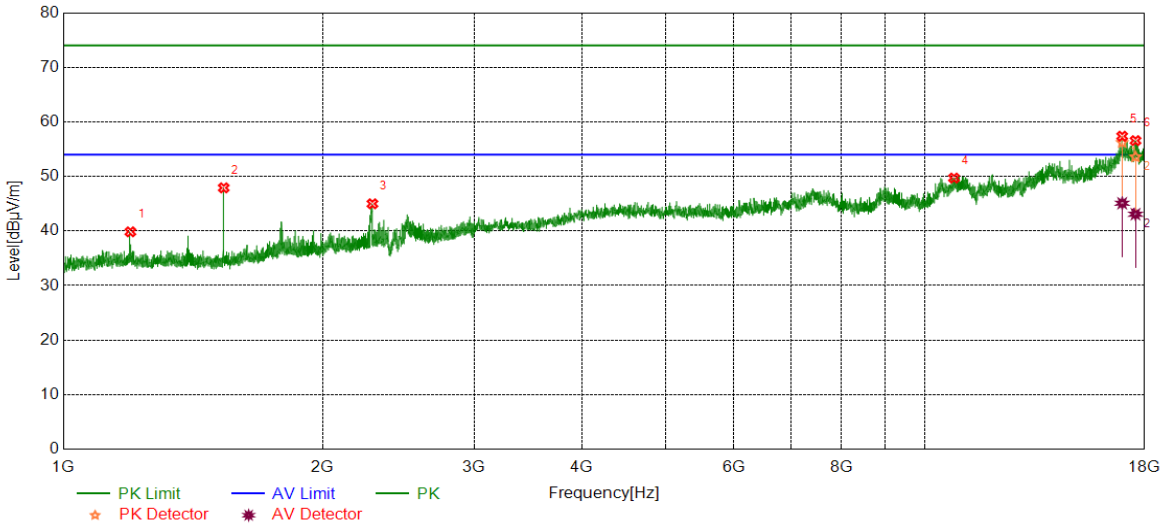


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.5244	45.90	-5.54	40.36	74.00	-33.64	peak
2	1535.8170	56.00	-5.68	50.32	74.00	-23.68	peak
3	2257.6572	50.46	-2.21	48.25	74.00	-25.75	peak
4	7406.8009	39.36	9.10	48.46	74.00	-25.54	peak
5	17021.1276	37.53	19.29	56.82	74.00	-17.18	peak
		24.93	19.29	44.22	54.00	-9.78	average
6	17623.0779	37.84	18.76	56.60	74.00	-17.40	peak
		24.92	18.76	43.68	54.00	-10.32	average

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



Test Mode	Channel	Polarization	Verdict
11n HT20	LCH	Horizontal	PASS

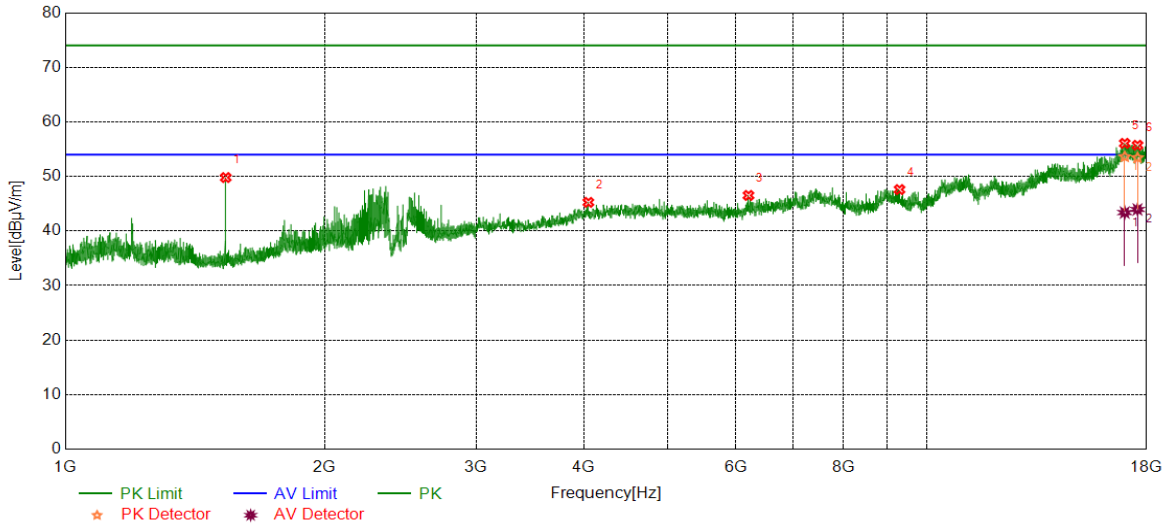


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.7746	45.39	-5.54	39.85	74.00	-34.15	peak
2	1535.8170	53.59	-5.68	47.91	74.00	-26.09	peak
3	2285.1606	47.06	-2.07	44.99	74.00	-29.01	peak
4	10814.1018	37.64	12.07	49.71	74.00	-24.29	peak
5	16951.7440	38.06	19.32	57.38	74.00	-16.62	peak
		25.77	19.32	45.09	54.00	-8.91	average
6	17566.8209	37.51	19.06	56.57	74.00	-17.43	peak
		24.02	19.06	43.08	54.00	-10.92	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 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11n HT20	LCH	Vertical	PASS

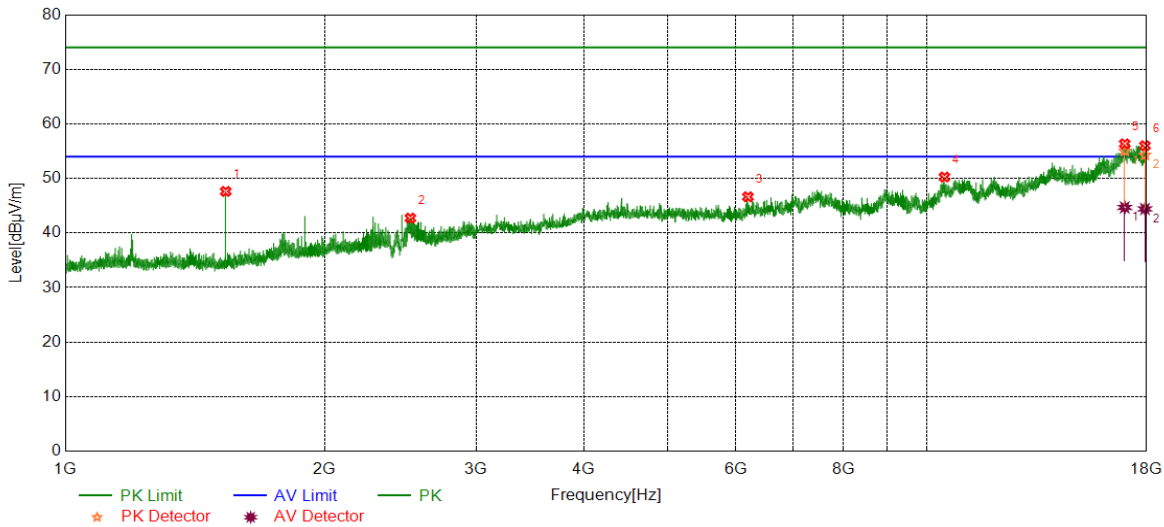


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.48	-5.68	49.80	74.00	-24.20	peak
2	4048.2560	40.85	4.40	45.25	74.00	-28.75	peak
3	6210.4013	40.18	6.34	46.52	74.00	-27.48	peak
4	9298.9124	38.85	8.75	47.60	74.00	-26.40	peak
5	16976.1220	36.42	19.65	56.07	74.00	-17.93	peak
		23.73	19.65	43.38	54.00	-10.62	average
6	17566.8209	36.66	19.06	55.72	74.00	-18.28	peak
		24.89	19.06	43.95	54.00	-10.05	average

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



Test Mode	Channel	Polarization	Verdict
11n HT20	MCH	Horizontal	PASS

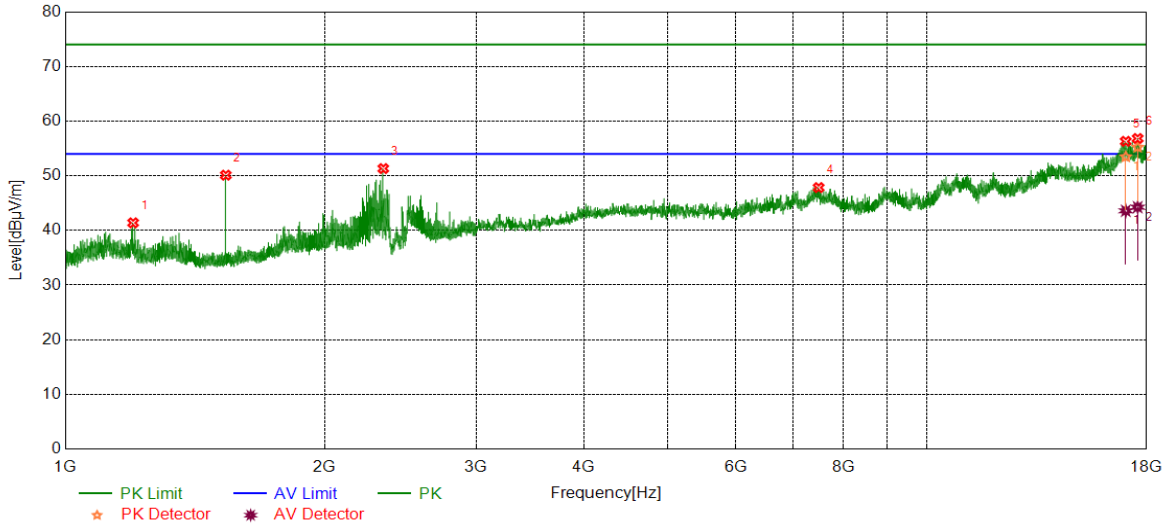


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	53.30	-5.68	47.62	74.00	-26.38	peak
2	2515.6895	43.39	-0.66	42.73	74.00	-31.27	peak
3	6201.0251	40.41	6.23	46.64	74.00	-27.36	peak
4	10485.9357	38.44	11.82	50.26	74.00	-23.74	peak
5	16976.1220	36.70	19.65	56.35	74.00	-17.65	peak
		25.04	19.65	44.69	54.00	-9.31	average
6	17919.3649	37.66	18.34	56.00	74.00	-18.00	peak
		26.07	18.34	44.41	54.00	-9.59	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

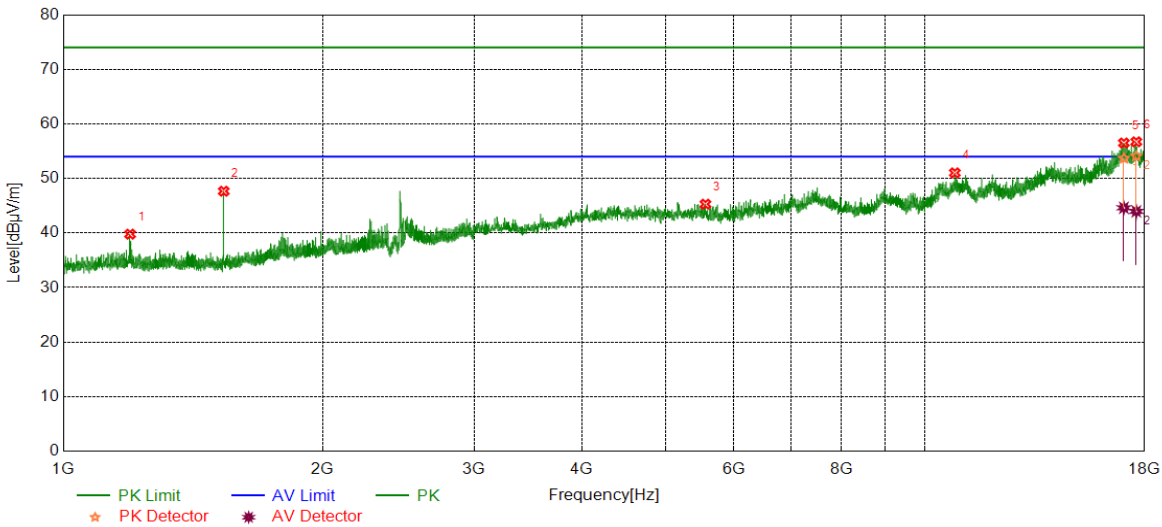


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.0249	46.93	-5.54	41.39	74.00	-32.61	peak
2	1536.0670	55.79	-5.68	50.11	74.00	-23.89	peak
3	2340.1675	53.14	-1.82	51.32	74.00	-22.68	peak
4	7491.1864	38.80	9.04	47.84	74.00	-26.16	peak
5	17023.0029	36.97	19.33	56.30	74.00	-17.70	peak
		24.26	19.33	43.59	54.00	-10.41	average
6	17574.3218	37.76	19.07	56.83	74.00	-17.17	peak
		25.18	19.07	44.25	54.00	-9.75	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



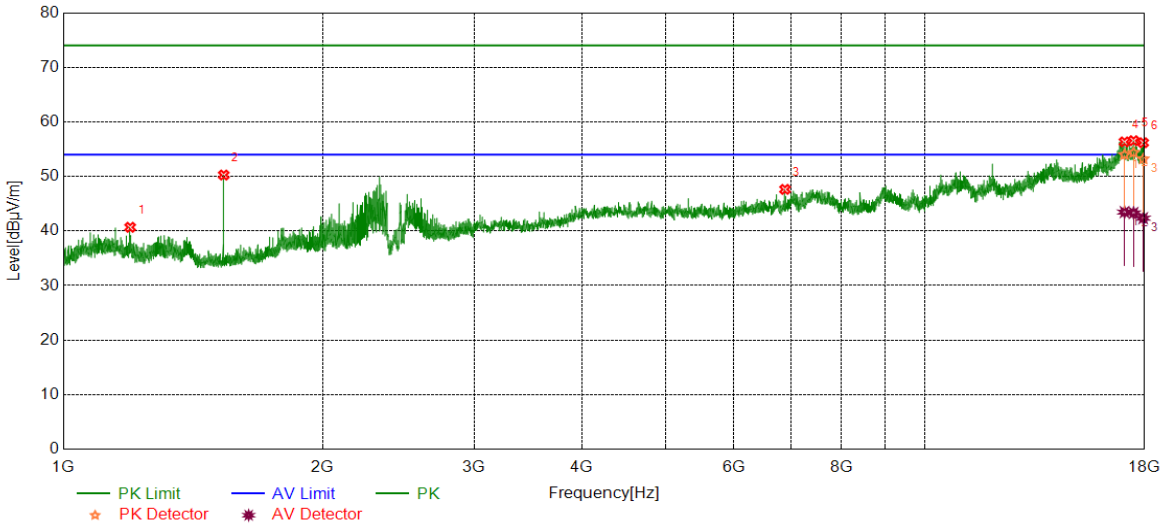
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.7745	45.33	-5.54	39.79	74.00	-34.21	peak
2	1535.8170	53.34	-5.68	47.66	74.00	-26.34	peak
3	5565.3207	40.10	5.19	45.29	74.00	-28.71	peak
4	10838.4798	38.89	12.14	51.03	74.00	-22.97	peak
5	17028.6286	37.03	19.47	56.50	74.00	-17.50	peak
		25.15	19.47	44.62	54.00	-9.38	average
6	17604.3255	38.00	18.72	56.72	74.00	-17.28	peak
		25.24	18.72	43.96	54.00	-10.04	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

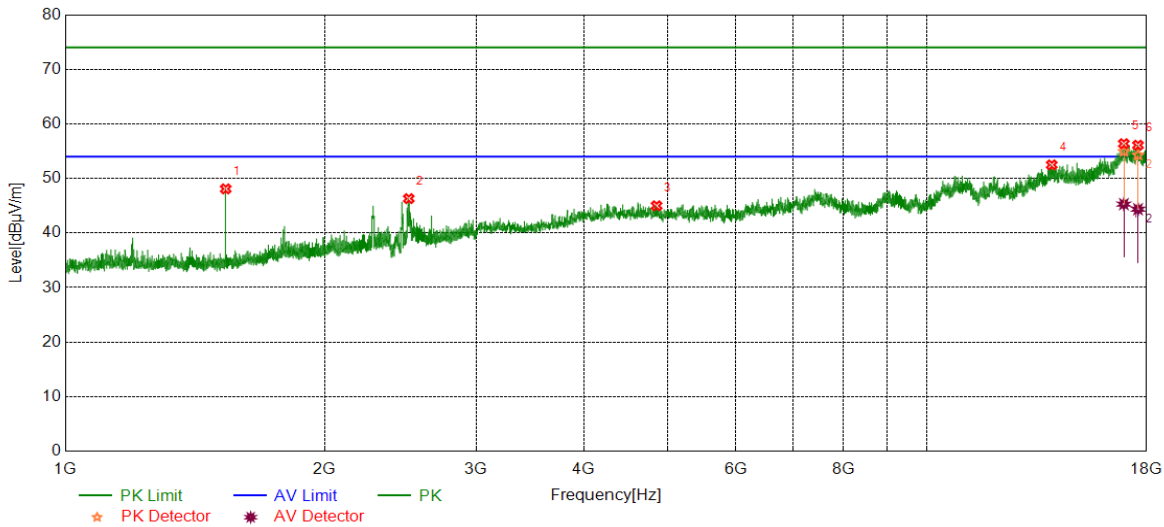


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.0245	46.22	-5.54	40.68	74.00	-33.32	peak
2	1535.8170	55.94	-5.68	50.26	74.00	-23.74	peak
3	6883.6105	39.52	8.11	47.63	74.00	-26.37	peak
4	17056.7571	36.47	19.87	56.34	74.00	-17.66	peak
		23.59	19.87	43.46	54.00	-10.54	average
5	17476.8096	37.87	18.69	56.56	74.00	-17.44	peak
		24.62	18.69	43.31	54.00	-10.69	average
6	17930.6163	37.79	18.39	56.18	74.00	-17.82	peak
		23.96	18.39	42.35	54.00	-11.65	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 HT40	LCH	Horizontal	PASS

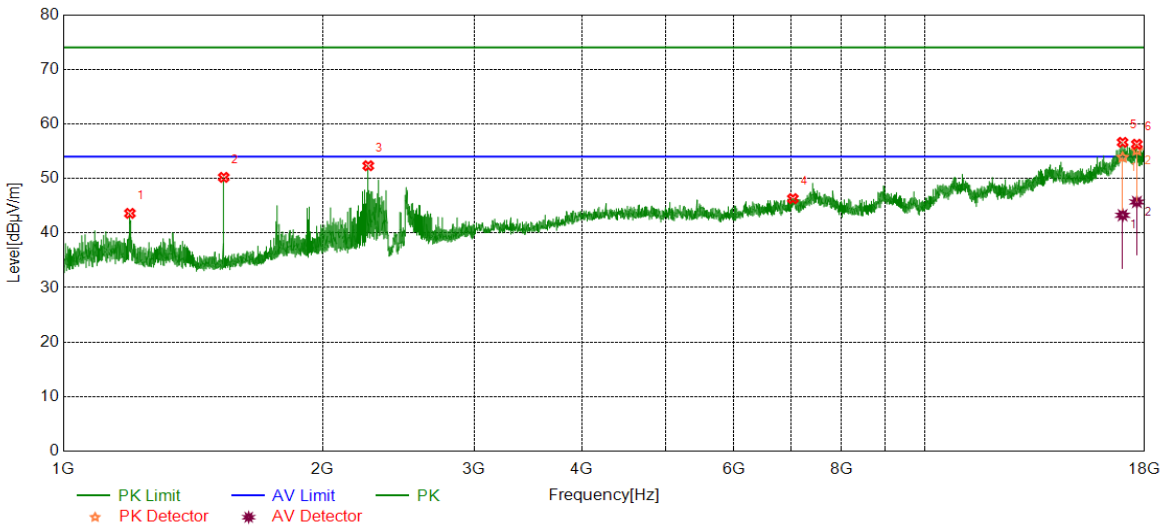


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	53.77	-5.68	48.09	74.00	-25.91	peak
2	2504.9381	46.87	-0.57	46.30	74.00	-27.70	peak
3	4858.3573	40.14	4.85	44.99	74.00	-29.01	peak
4	13968.2460	37.48	15.01	52.49	74.00	-21.51	peak
		37.12	19.26	56.38	74.00	-17.62	peak
5	16936.7421	26.03	19.26	45.29	54.00	-8.71	average
		37.33	18.77	56.10	74.00	-17.90	peak
6	17591.1989	25.59	18.77	44.36	54.00	-9.64	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.



Test Mode	Channel	Polarization	Verdict
11n HT40	LCH	Vertical	PASS

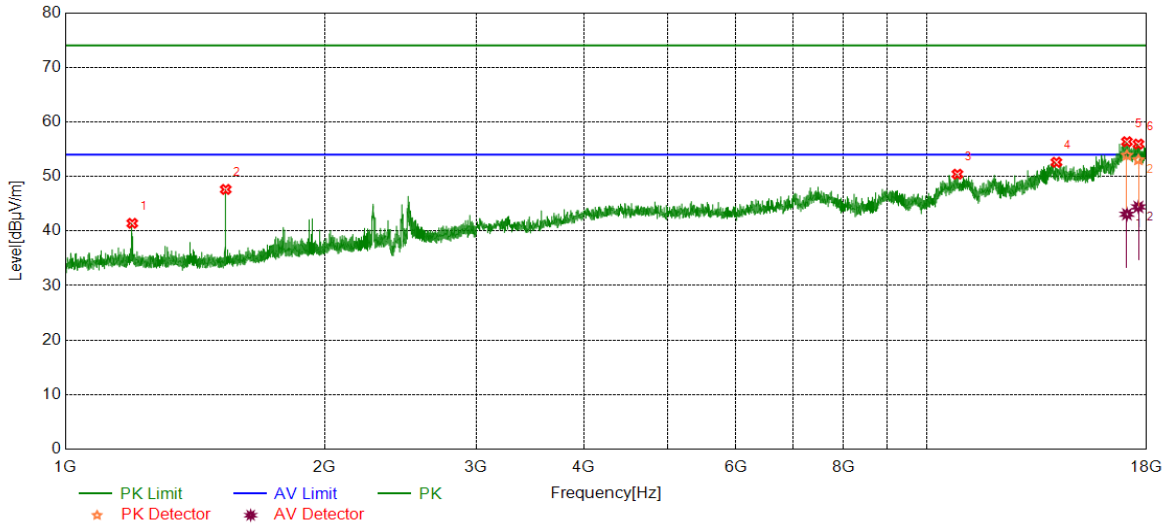


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.2744	49.15	-5.55	43.60	74.00	-30.40	peak
2	1535.8170	55.88	-5.68	50.20	74.00	-23.80	peak
3	2259.9075	54.53	-2.20	52.33	74.00	-21.67	peak
4	7029.8787	37.78	8.52	46.30	74.00	-27.70	peak
5	16970.4963	36.74	19.88	56.62	74.00	-17.38	peak
		23.38	19.88	43.26	54.00	-10.74	average
6	17630.5788	37.42	18.86	56.28	74.00	-17.72	peak
		26.83	18.86	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 HT40	MCH	Horizontal	PASS

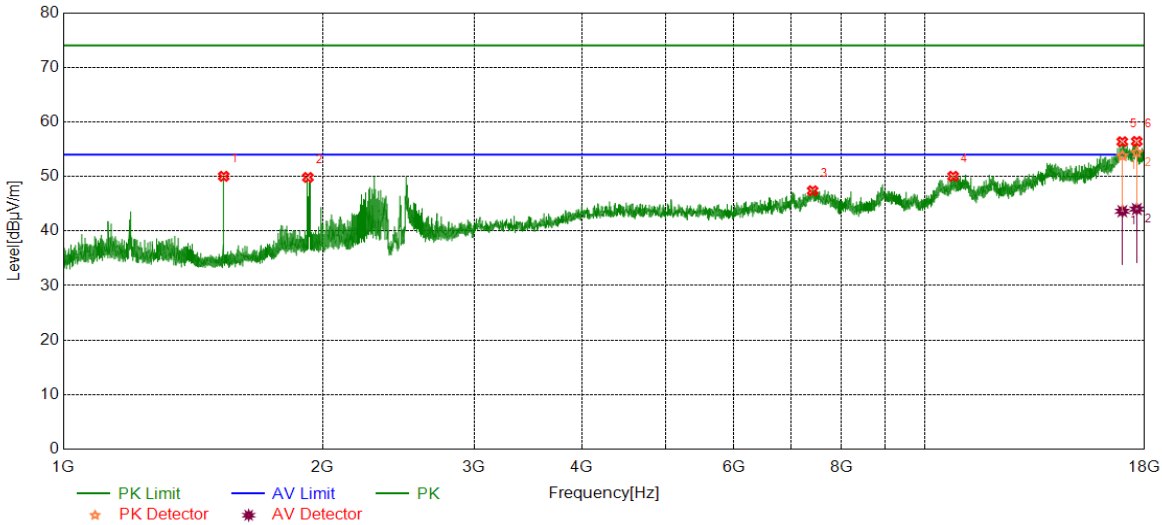


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1196.2745	46.95	-5.54	41.41	74.00	-32.59	peak
2	1535.8170	53.30	-5.68	47.62	74.00	-26.38	peak
3	10855.3569	38.28	12.14	50.42	74.00	-23.58	peak
4	14142.6428	37.33	15.27	52.60	74.00	-21.40	peak
		37.36	19.01	56.37	74.00	-17.63	peak
5	17075.5094	24.06	19.01	43.07	54.00	-10.93	average
		37.22	18.72	55.94	74.00	-18.06	peak
6	17609.9512	25.70	18.72	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 7.1.  
 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

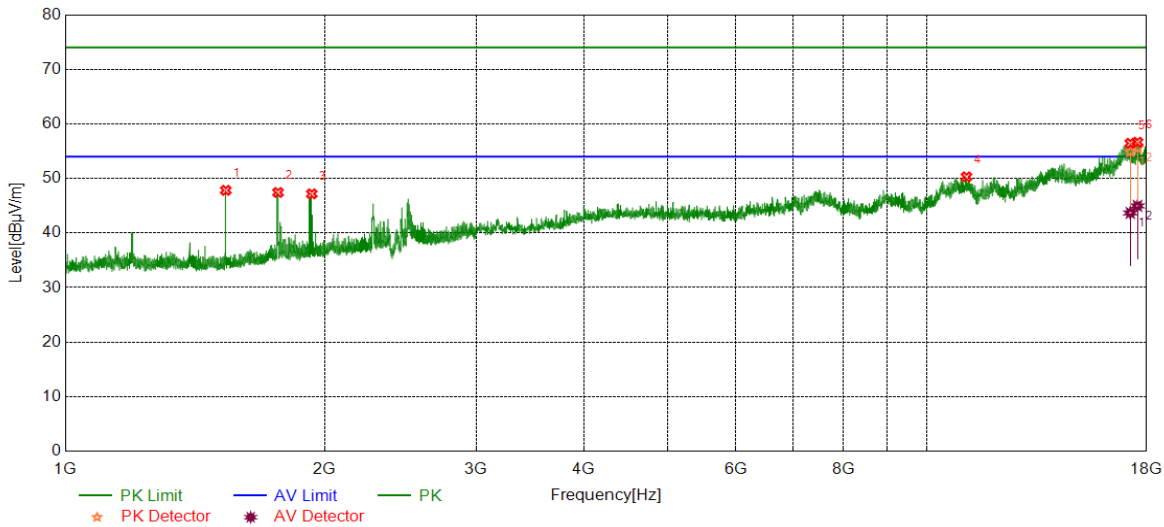


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.71	-5.68	50.03	74.00	-23.97	peak
2	1923.3654	52.95	-3.13	49.82	74.00	-24.18	peak
3	7412.4266	38.21	9.17	47.38	74.00	-26.62	peak
4	10789.7237	38.08	11.95	50.03	74.00	-23.97	peak
5	16959.2449	36.65	19.72	56.37	74.00	-17.63	peak
		23.91	19.72	43.63	54.00	-10.37	average
6	17626.8284	37.60	18.82	56.42	74.00	-17.58	peak
		25.20	18.82	44.02	54.00	-9.98	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

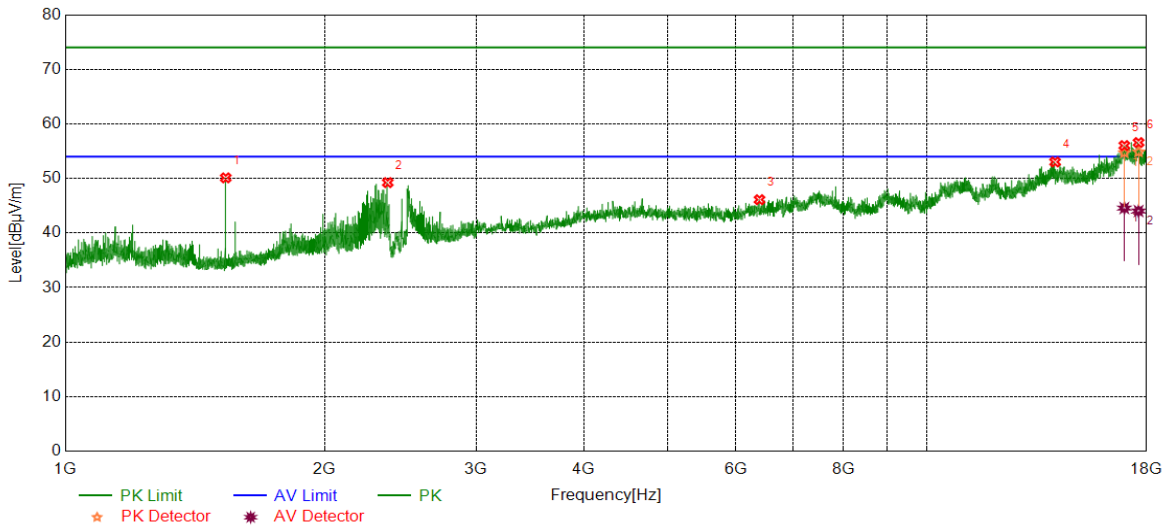


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1536.0670	53.50	-5.68	47.82	74.00	-26.18	peak
2	1766.0958	51.70	-4.26	47.44	74.00	-26.56	peak
3	1932.8666	50.31	-3.13	47.18	74.00	-26.82	peak
4	11121.6402	37.78	12.52	50.30	74.00	-23.70	peak
5	17231.1539	38.29	18.16	56.45	74.00	-17.55	peak
		25.52	18.16	43.68	54.00	-10.32	average
6	17568.6961	37.53	19.12	56.65	74.00	-17.35	peak
		25.85	19.12	44.97	54.00	-9.03	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 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11n HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.79	-5.68	50.11	74.00	-23.89	peak
2	2367.9210	50.83	-1.59	49.24	74.00	-24.76	peak
3	6396.0495	38.81	7.30	46.11	74.00	-27.89	peak
4	14093.8867	37.48	15.54	53.02	74.00	-20.98	peak
5	16959.2449	36.31	19.72	56.03	74.00	-17.97	peak
		24.85	19.72	44.57	54.00	-9.43	average
6	17617.4522	37.87	18.71	56.58	74.00	-17.42	peak
		25.32	18.71	44.03	54.00	-9.97	average

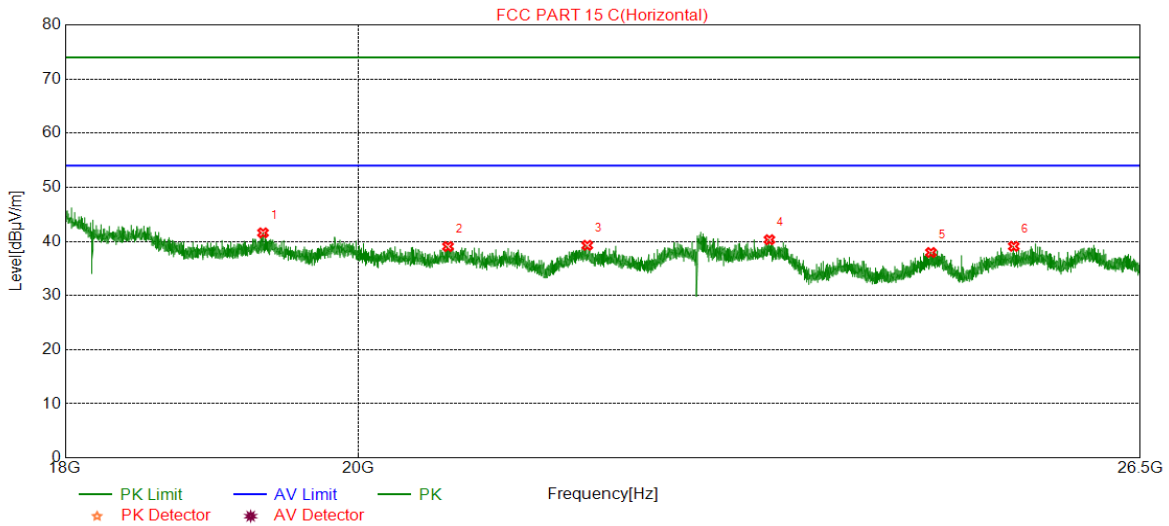
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter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



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

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

Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



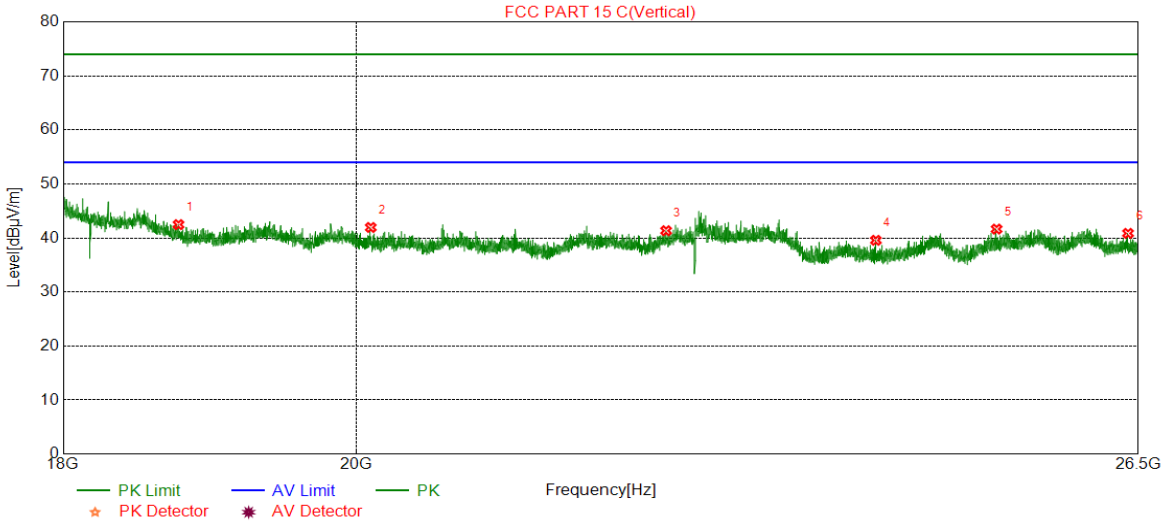
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	19327.8328	42.44	-0.86	41.58	74.00	-32.42	peak
2	20658.2158	39.88	-0.83	39.05	74.00	-34.95	peak
3	21719.9720	39.48	-0.21	39.27	74.00	-34.73	peak
4	23191.4691	39.59	0.72	40.31	74.00	-33.69	peak
5	24579.6580	38.42	-0.47	37.95	74.00	-36.05	peak
6	25322.6323	38.54	0.55	39.09	74.00	-34.91	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.  
 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18762.5263	43.50	-1.03	42.47	74.00	-31.53	peak
2	20106.5107	42.49	-0.55	41.94	74.00	-32.06	peak
3	22360.9361	40.72	0.62	41.34	74.00	-32.66	peak
4	24114.6615	40.64	-1.08	39.56	74.00	-34.44	peak
5	25184.9185	41.32	0.32	41.64	74.00	-32.36	peak
6	26404.7905	40.01	0.84	40.85	74.00	-33.15	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.  
 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

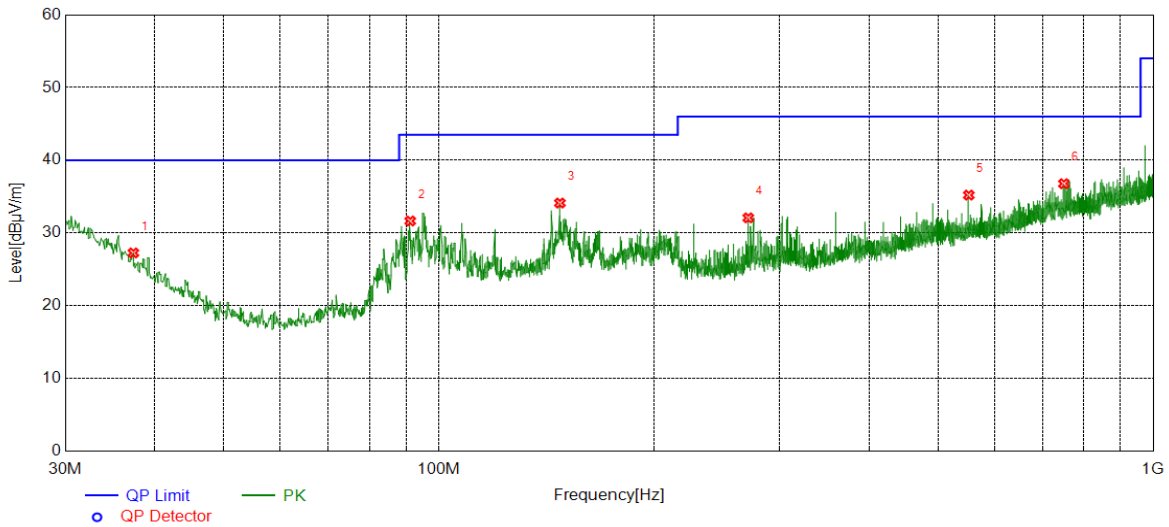
Note: All constructions and test modes and channels have been tested, only the worst data record in the report.



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

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

Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS

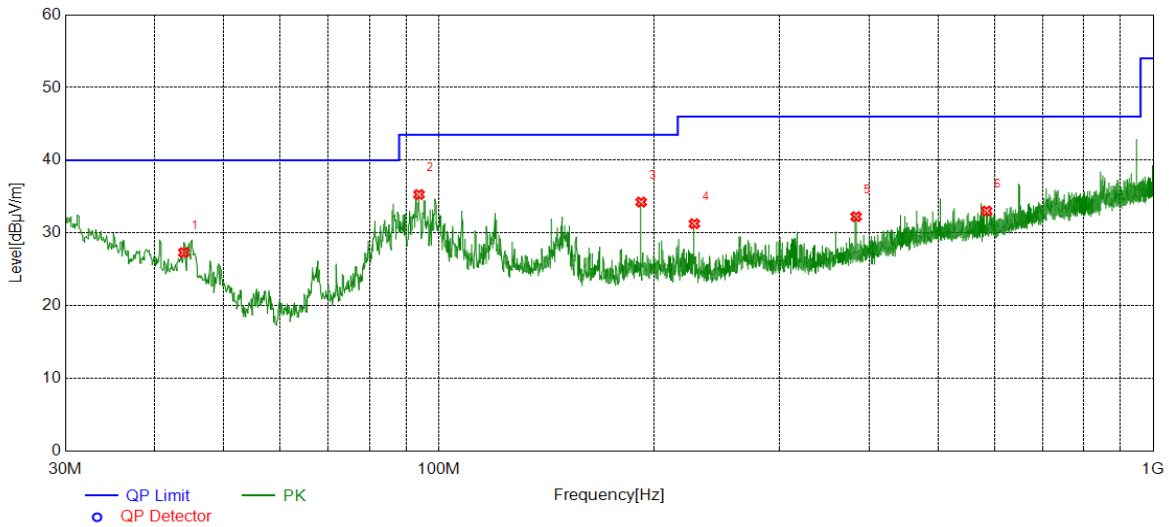


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	37.3727	4.79	22.47	27.26	40.00	-12.74	peak
2	91.2131	16.74	14.91	31.65	43.50	-11.85	peak
3	147.7698	14.37	19.75	34.12	43.50	-9.38	peak
4	271.1661	11.87	20.21	32.08	46.00	-13.92	peak
5	551.9122	8.92	26.29	35.21	46.00	-10.79	peak
6	749.9090	7.73	29.05	36.78	46.00	-9.22	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
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	43.9694	8.94	18.37	27.31	40.00	-12.69	peak
2	93.8324	19.72	15.57	35.29	43.50	-8.21	peak
3	192.0062	15.30	18.95	34.25	43.50	-9.25	peak
4	227.8998	12.86	18.42	31.28	46.00	-14.72	peak
5	383.8914	9.45	22.80	32.25	46.00	-13.75	peak
6	584.6045	6.54	26.48	33.02	46.00	-12.98	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.

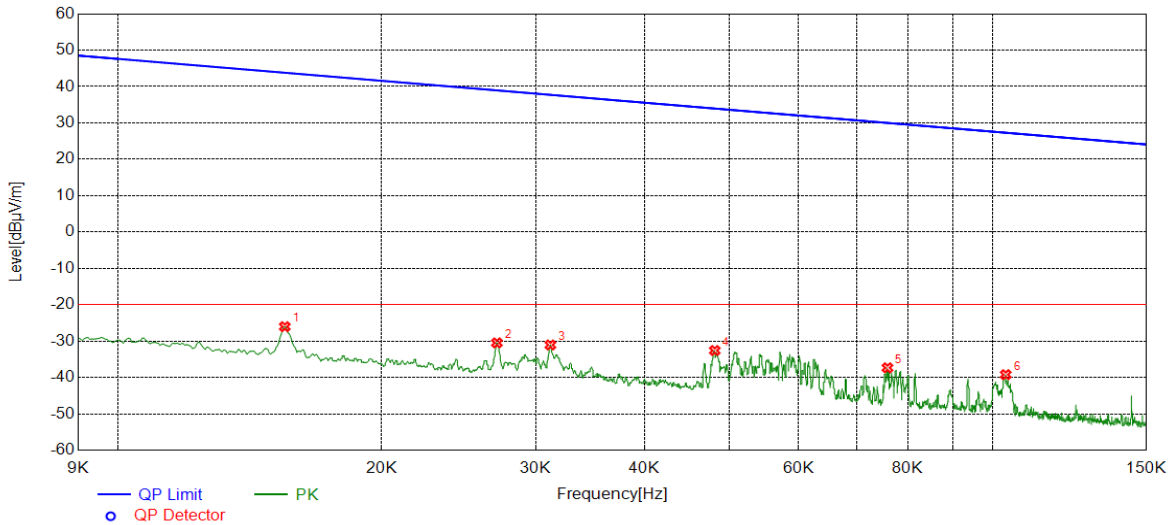
Note: All constructions and test modes and channels have been tested, only the worst data record in the report.



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

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

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

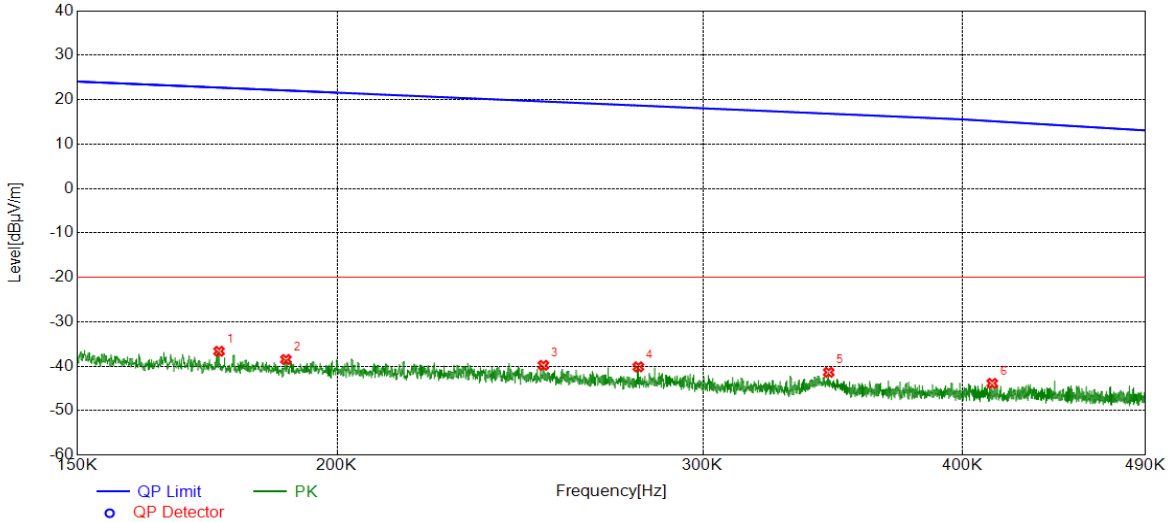


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	34.84	-60.88	-26.04	43.80	-69.84	peak
2	0.0271	30.30	-60.79	-30.49	38.94	-69.43	peak
3	0.0312	29.75	-60.81	-31.06	37.71	-68.77	peak
4	0.0481	28.33	-60.93	-32.60	33.96	-66.56	peak
5	0.0758	23.98	-61.32	-37.34	30.01	-67.35	peak
6	0.1035	21.45	-60.68	-39.23	27.30	-66.53	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
11G	MCH	150KHz~490KHz	PASS

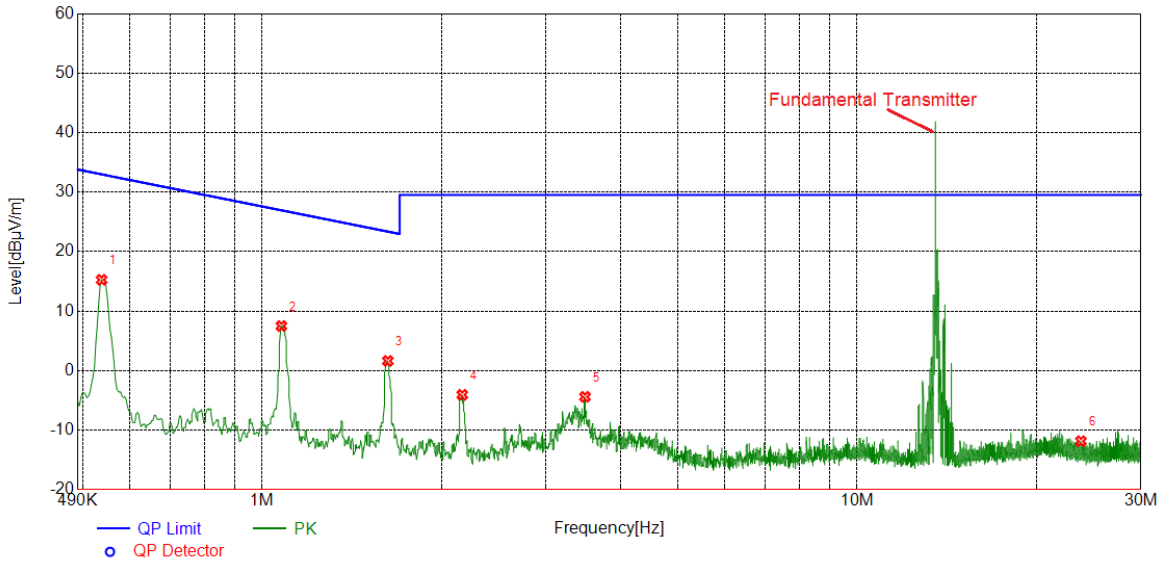


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1502	24.58	-61.23	-36.65	24.07	-60.72	peak
2	0.2044	23.65	-60.96	-37.31	21.39	-58.70	peak
3	0.2440	21.52	-60.76	-39.24	19.85	-59.09	peak
4	0.3189	19.87	-60.67	-40.80	17.53	-58.33	peak
5	0.3809	18.49	-60.62	-42.13	15.99	-58.12	peak
6	0.4482	17.45	-60.56	-43.11	14.17	-57.28	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
11G	MCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5372	35.79	-20.53	15.26	33.00	-17.74	peak
2	1.0773	27.78	-20.29	7.49	26.96	-19.47	peak
3	1.6262	21.83	-20.21	1.62	23.38	-21.76	peak
4	2.1693	16.12	-20.20	-4.08	29.54	-33.62	peak
5	3.4885	15.80	-20.21	-4.41	29.54	-33.95	peak
6	23.7787	5.92	-17.79	-11.87	29.54	-41.41	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  
 4. For the frequency over limit is fundamental transmitter emission from the NFC module(13.56MHz), which has been verified in Report No.:4789496824-2 test report.

Note: All constructions and test modes and channels have been tested, only the worst data record in the report.

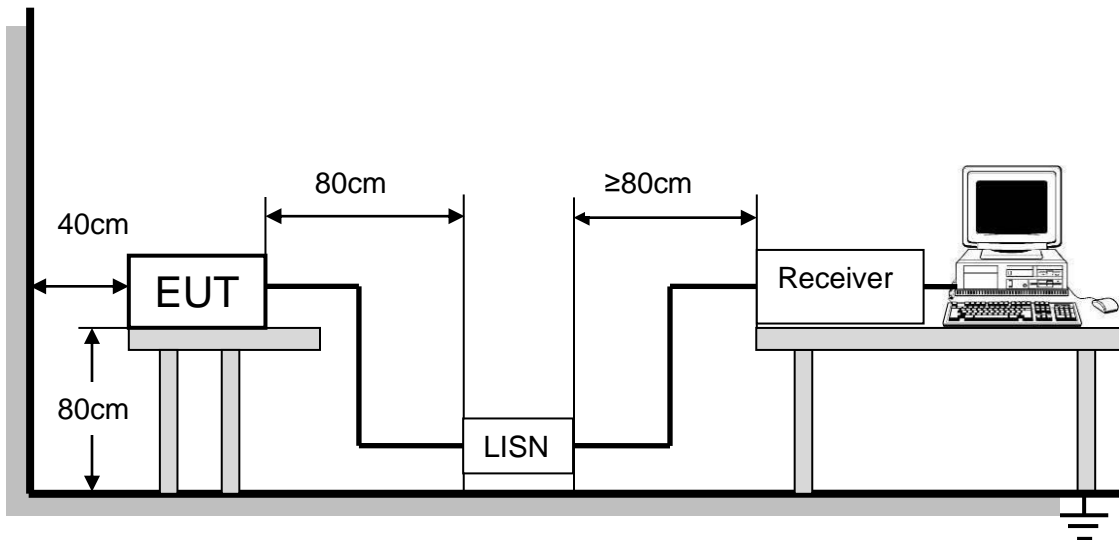
## 8. AC POWER LINE CONDUCTED EMISSIONS

### 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

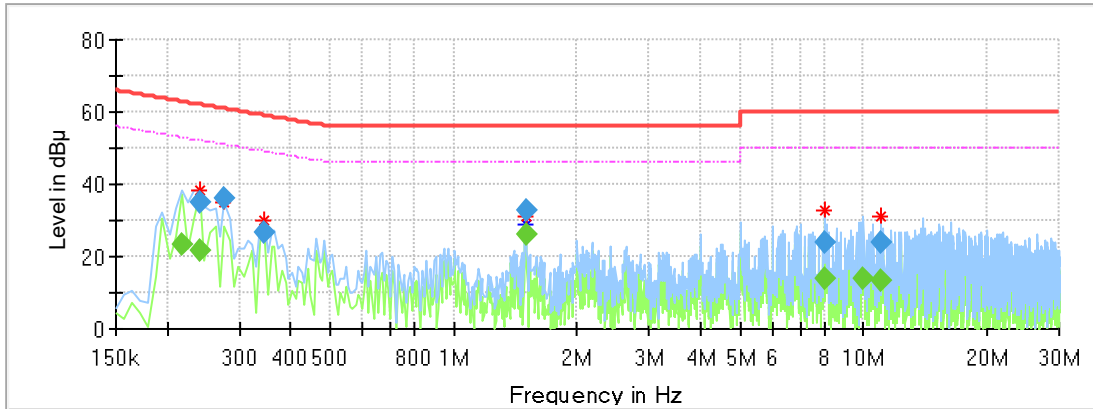


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3)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

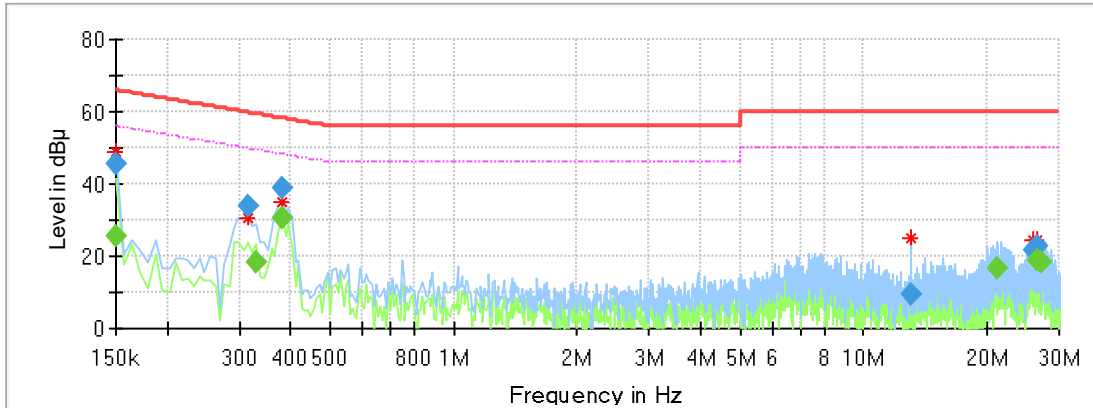
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.217163	---	23.11	52.93	29.81	1000.0	9.000	L1	OFF	9.7
0.239550	---	21.80	52.11	30.32	1000.0	9.000	L1	OFF	9.5
0.239550	34.87	---	62.11	27.24	1000.0	9.000	L1	OFF	9.5
0.276863	36.37	---	60.91	24.54	1000.0	9.000	L1	OFF	9.5
0.344025	26.90	---	59.11	32.21	1000.0	9.000	L1	OFF	9.6
1.500713	---	25.97	46.00	20.03	1000.0	9.000	L1	OFF	9.6
1.500713	32.96	---	56.00	23.04	1000.0	9.000	L1	OFF	9.6
8.008013	---	13.79	50.00	36.21	1000.0	9.000	L1	OFF	9.8
8.008013	23.79	---	60.00	36.21	1000.0	9.000	L1	OFF	9.8
10.007963	---	13.74	50.00	36.26	1000.0	9.000	L1	OFF	9.6
11.015400	---	13.48	50.00	36.52	1000.0	9.000	L1	OFF	9.6
11.015400	24.06	---	60.00	35.94	1000.0	9.000	L1	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 HCH of 11n HT40 which is the worst case, so only the worst case is included in this test report.





**For N Line:**



**Final\_Result**

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.150000	---	25.79	56.00	30.21	1000.0	9.000	N	OFF	9.5
0.150000	45.51	---	66.00	20.49	1000.0	9.000	N	OFF	9.5
0.314175	33.93	---	59.86	25.93	1000.0	9.000	N	OFF	9.6
0.329100	---	18.07	49.47	31.41	1000.0	9.000	N	OFF	9.7
0.381338	---	30.78	48.25	17.47	1000.0	9.000	N	OFF	9.7
0.381338	38.90	---	58.25	19.35	1000.0	9.000	N	OFF	9.7
12.992963	9.40	---	60.00	50.60	1000.0	9.000	N	OFF	9.7
21.164400	---	16.50	50.00	33.50	1000.0	9.000	N	OFF	9.8
25.873238	21.43	---	60.00	38.57	1000.0	9.000	N	OFF	10.0
26.597100	---	19.15	50.00	30.85	1000.0	9.000	N	OFF	10.0
26.597100	22.73	---	60.00	37.27	1000.0	9.000	N	OFF	10.0
27.156788	---	18.42	50.00	31.58	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 HCH of 11n HT40 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 one Monopole Proximity tag Antenna.

### ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi.

**END OF REPORT**