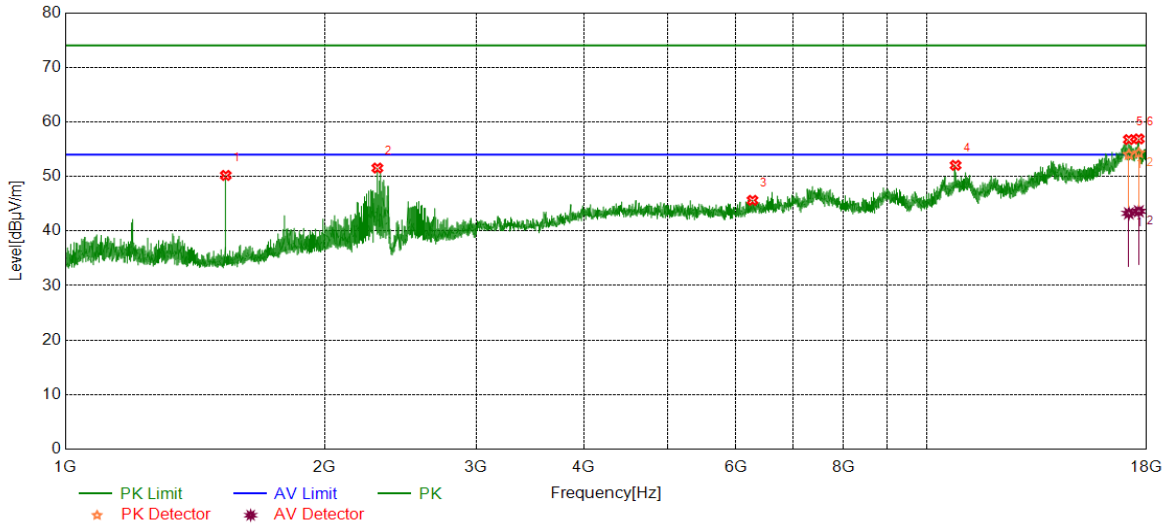




Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS

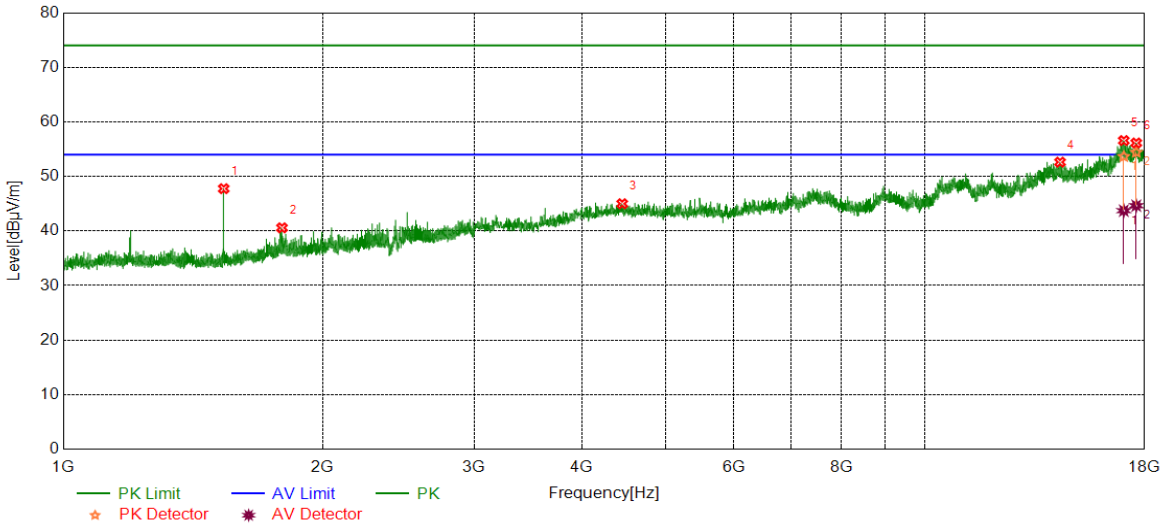


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1536.0670	55.87	-5.68	50.19	74.00	-23.81	peak
2	2303.4129	53.36	-1.82	51.54	74.00	-22.46	peak
3	6277.9097	38.82	6.80	45.62	74.00	-28.38	peak
4	10802.8504	39.96	12.08	52.04	74.00	-21.96	peak
5	17163.6455	38.19	18.57	56.76	74.00	-17.24	peak
		24.67	18.57	43.24	54.00	-10.76	average
6	17626.8284	38.07	18.82	56.89	74.00	-17.11	peak
		24.80	18.82	43.62	54.00	-10.38	average

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



Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS

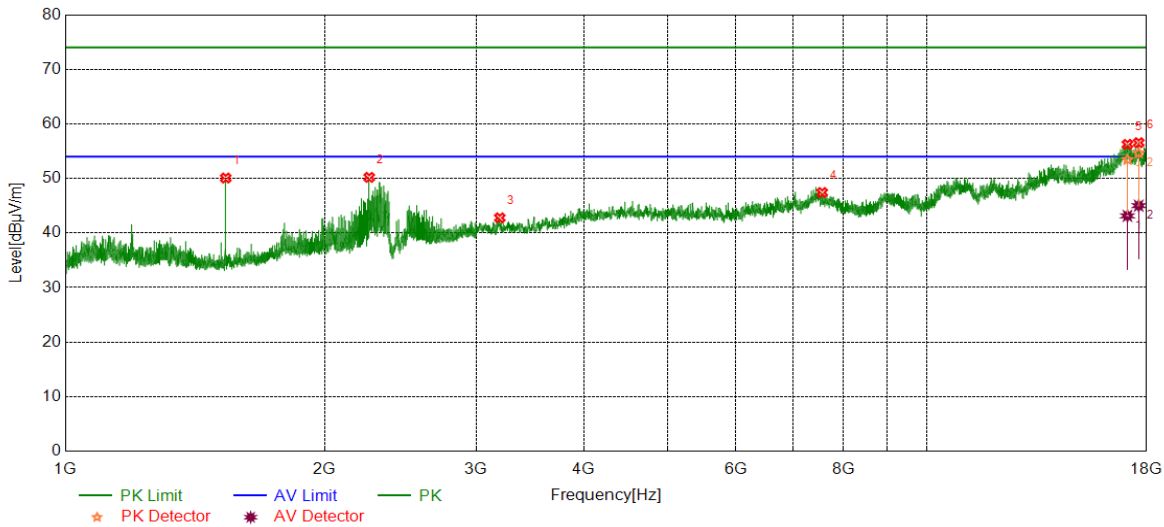


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	53.44	-5.68	47.76	74.00	-26.24	peak
2	1794.5993	44.52	-3.94	40.58	74.00	-33.42	peak
3	4455.1819	39.95	5.05	45.00	74.00	-29.00	peak
4	14358.2948	37.97	14.65	52.62	74.00	-21.38	peak
5	17024.8781	37.20	19.38	56.58	74.00	-17.42	peak
		24.35	19.38	43.73	54.00	-10.27	average
6	17602.4503	37.43	18.71	56.14	74.00	-17.86	peak
		25.93	18.71	44.64	54.00	-9.36	average

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



Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS

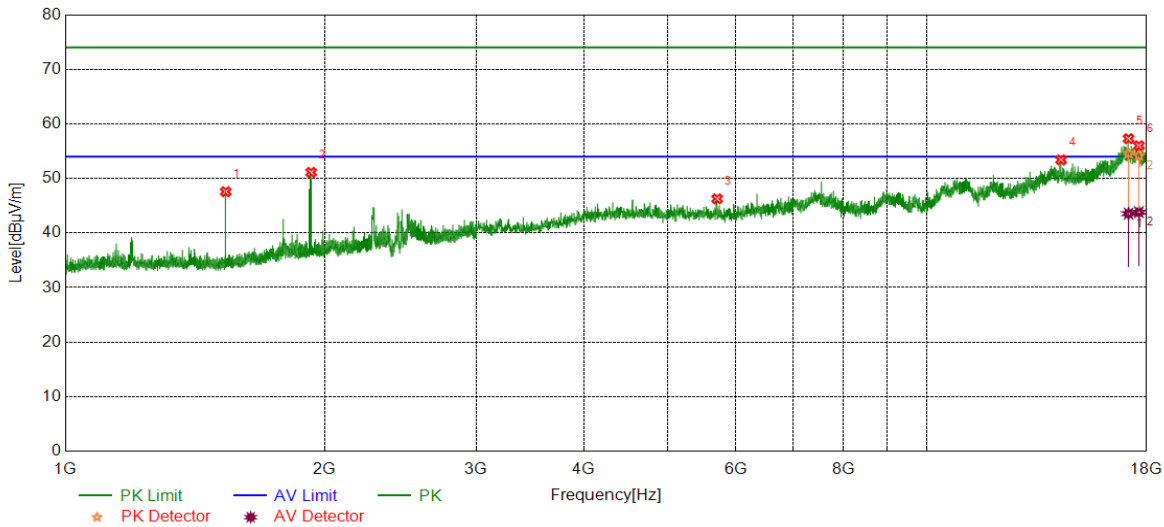


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.76	-5.68	50.08	74.00	-23.92	peak
2	2253.6567	52.44	-2.24	50.20	74.00	-23.80	peak
3	3195.0244	40.98	1.80	42.78	74.00	-31.22	peak
4	7562.4453	38.17	9.25	47.42	74.00	-26.58	peak
5	17099.8875	37.94	18.31	56.25	74.00	-17.75	peak
		24.83	18.31	43.14	54.00	-10.86	average
6	17623.0779	37.80	18.76	56.56	74.00	-17.44	peak
		26.25	18.76	45.01	54.00	-8.99	average

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



Test Mode	Channel	Polarization	Verdict
11n HT20	LCH	Horizontal	PASS

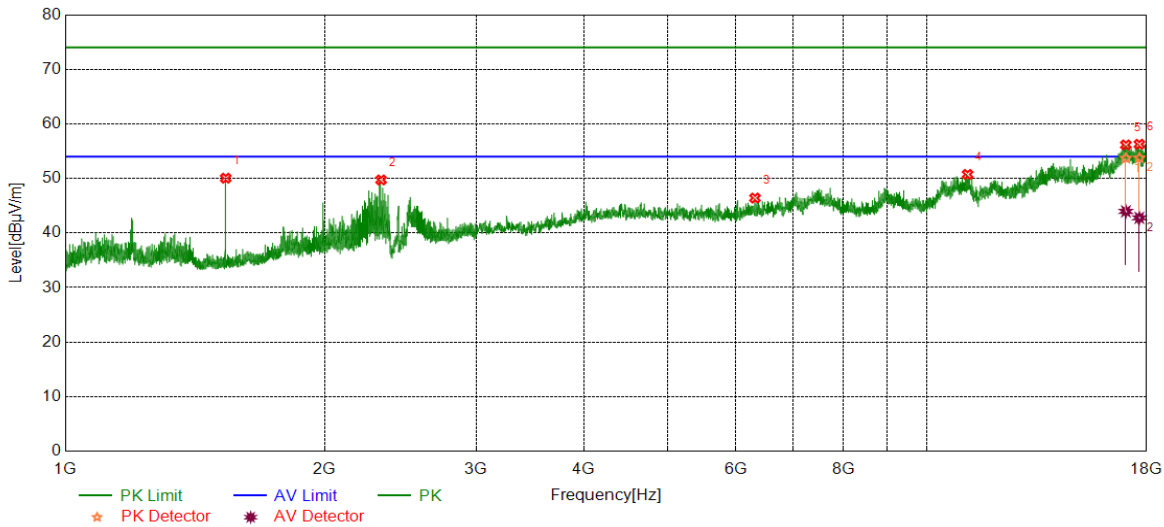


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	53.25	-5.68	47.57	74.00	-26.43	peak
2	1929.8662	54.24	-3.12	51.12	74.00	-22.88	peak
3	5711.5889	41.05	5.22	46.27	74.00	-27.73	peak
4	14320.7901	38.31	15.09	53.40	74.00	-20.60	peak
		38.20	19.09	57.29	74.00	-16.71	peak
5	17150.5188	24.46	19.09	43.55	54.00	-10.45	average
		37.24	18.76	56.00	74.00	-18.00	peak
6	17634.3293	25.06	18.76	43.82	54.00	-10.18	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

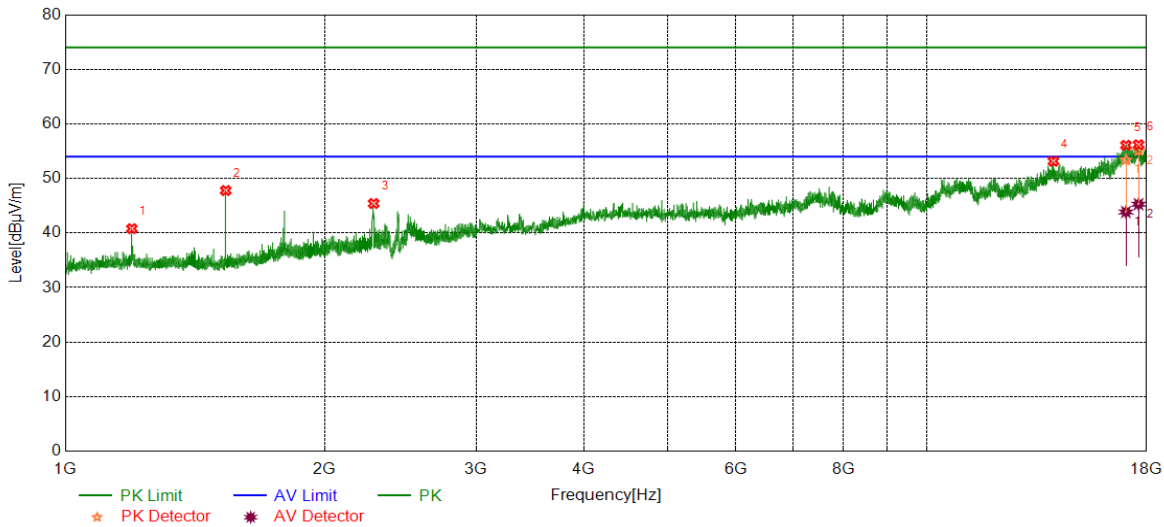


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.73	-5.68	50.05	74.00	-23.95	peak
2	2326.1658	51.50	-1.77	49.73	74.00	-24.27	peak
3	6319.1649	39.83	6.58	46.41	74.00	-27.59	peak
4	11153.5192	38.30	12.44	50.74	74.00	-23.26	peak
5	17028.6286	36.68	19.47	56.15	74.00	-17.85	peak
		24.49	19.47	43.96	54.00	-10.04	average
6	17653.0816	37.55	18.72	56.27	74.00	-17.73	peak
		24.06	18.72	42.78	54.00	-11.22	average

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



Test Mode	Channel	Polarization	Verdict
11n HT20	MCH	Horizontal	PASS

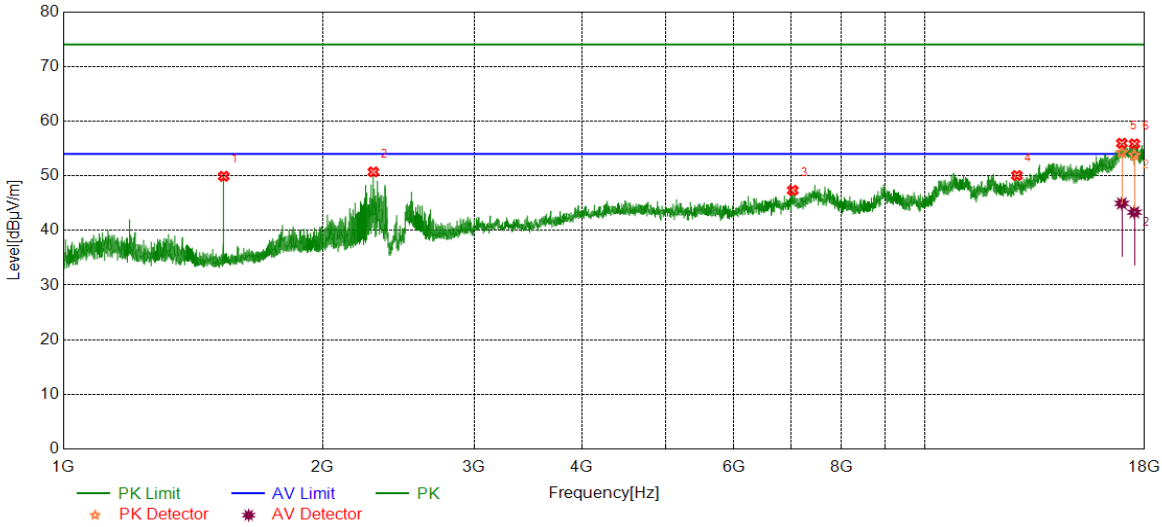


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.0244	46.35	-5.55	40.80	74.00	-33.20	peak
2	1535.8170	53.47	-5.68	47.79	74.00	-26.21	peak
3	2280.6601	47.50	-2.09	45.41	74.00	-28.59	peak
4	14030.1288	37.67	15.48	53.15	74.00	-20.85	peak
5	17032.3790	36.59	19.50	56.09	74.00	-17.91	peak
		24.35	19.50	43.85	54.00	-10.15	average
6	17615.5769	37.48	18.71	56.19	74.00	-17.81	peak
		26.57	18.71	45.28	54.00	-8.72	average

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



Test Mode	Channel	Polarization	Verdict
11n HT20	MCH	Vertical	PASS

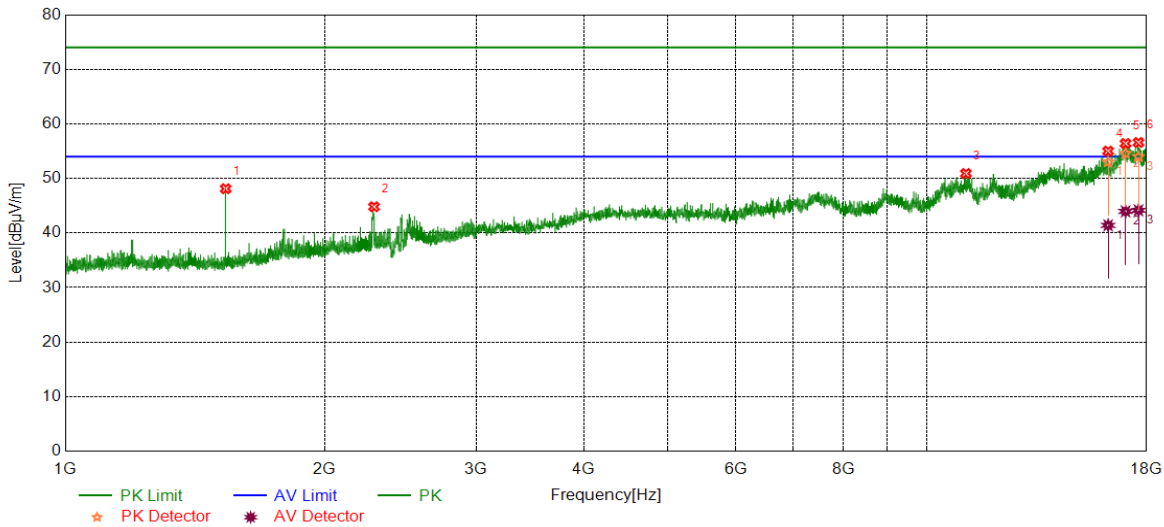


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.59	-5.68	49.91	74.00	-24.09	peak
2	2291.1614	52.74	-2.03	50.71	74.00	-23.29	peak
3	7028.0035	38.78	8.55	47.33	74.00	-26.67	peak
4	12794.3493	38.03	12.02	50.05	74.00	-23.95	peak
5	16934.8669	36.79	19.17	55.96	74.00	-18.04	peak
		25.77	19.17	44.94	54.00	-9.06	average
6	17516.1895	37.44	18.41	55.85	74.00	-18.15	peak
		24.92	18.41	43.33	54.00	-10.67	average

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



Test Mode	Channel	Polarization	Verdict
11n HT20	HCH	Horizontal	PASS



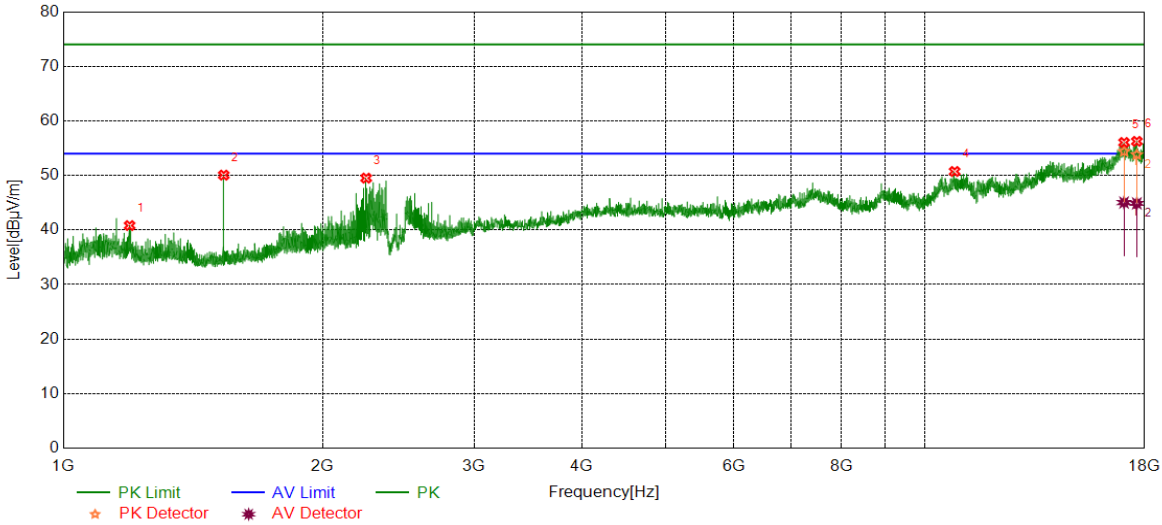
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	53.80	-5.68	48.12	74.00	-25.88	peak
2	2282.9104	46.89	-2.08	44.81	74.00	-29.19	peak
3	11104.7631	38.26	12.65	50.91	74.00	-23.09	peak
		38.09	16.92	55.01	74.00	-18.99	peak
4	16239.1549	24.48	16.92	41.40	54.00	-12.60	average
		37.43	18.98	56.41	74.00	-17.59	peak
5	17013.6267	24.98	18.98	43.96	54.00	-10.04	average
		37.89	18.71	56.60	74.00	-17.40	peak
6	17613.7017	25.45	18.71	44.16	54.00	-9.84	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

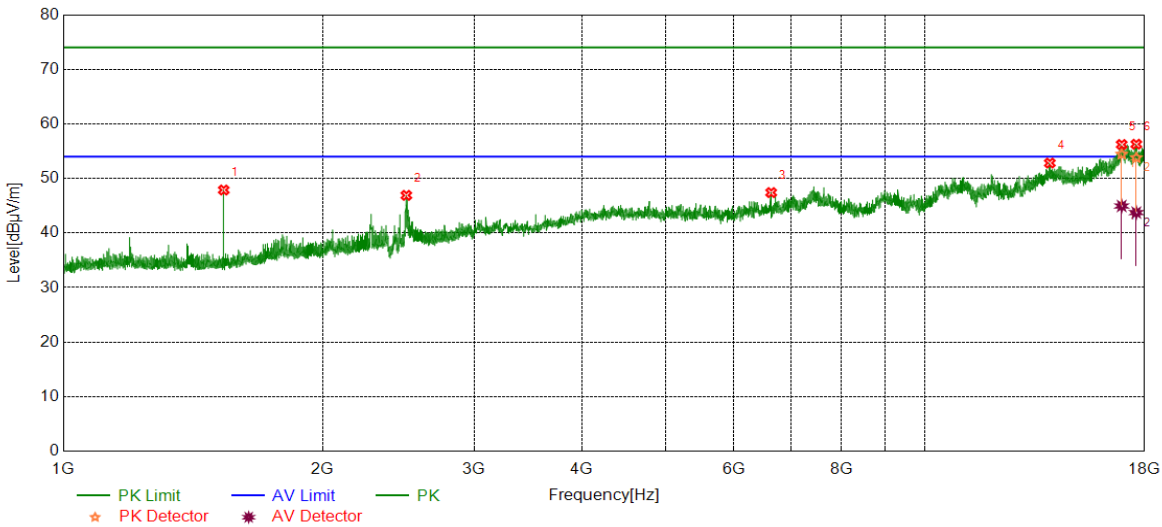


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.2743	46.36	-5.55	40.81	74.00	-33.19	peak
2	1535.8170	55.74	-5.68	50.06	74.00	-23.94	peak
3	2247.4059	51.77	-2.26	49.51	74.00	-24.49	peak
4	10832.8541	38.65	12.08	50.73	74.00	-23.27	peak
5	17036.1295	36.55	19.50	56.05	74.00	-17.95	peak
		25.53	19.50	45.03	54.00	-8.97	average
6	17628.7036	37.40	18.85	56.25	74.00	-17.75	peak
		26.03	18.85	44.88	54.00	-9.12	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

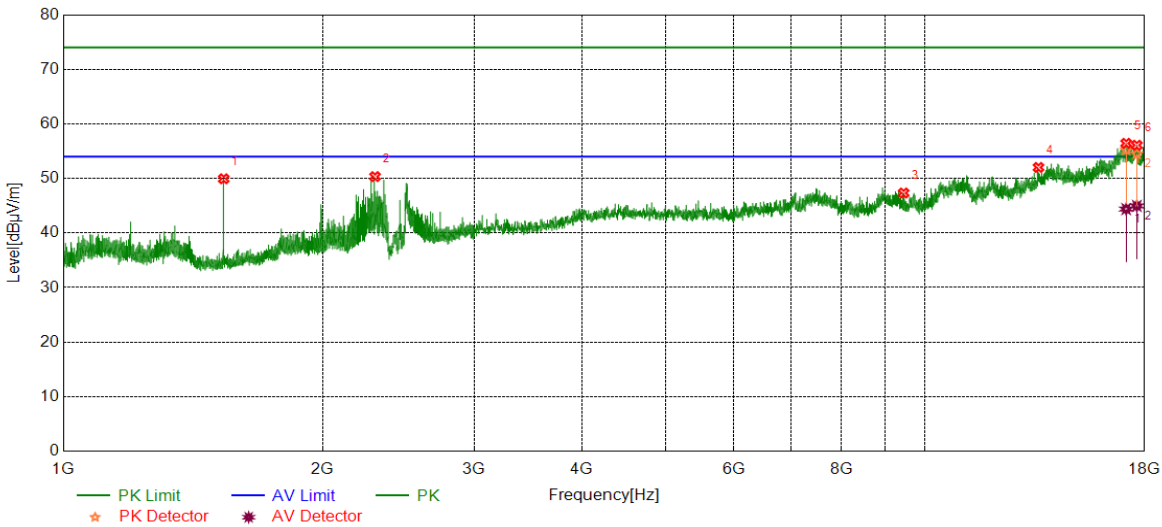


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	53.56	-5.68	47.88	74.00	-26.12	peak
2	2502.1878	47.49	-0.59	46.90	74.00	-27.10	peak
3	6634.2043	39.15	8.26	47.41	74.00	-26.59	peak
4	13971.9965	37.78	15.04	52.82	74.00	-21.18	peak
		37.29	18.93	56.22	74.00	-17.78	peak
5	16929.2412	26.02	18.93	44.95	54.00	-9.05	average
		37.56	18.72	56.28	74.00	-17.72	peak
6	17604.3255	25.02	18.72	43.74	54.00	-10.26	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 7.1.  
 6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.  
 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11n HT40	LCH	Vertical	PASS

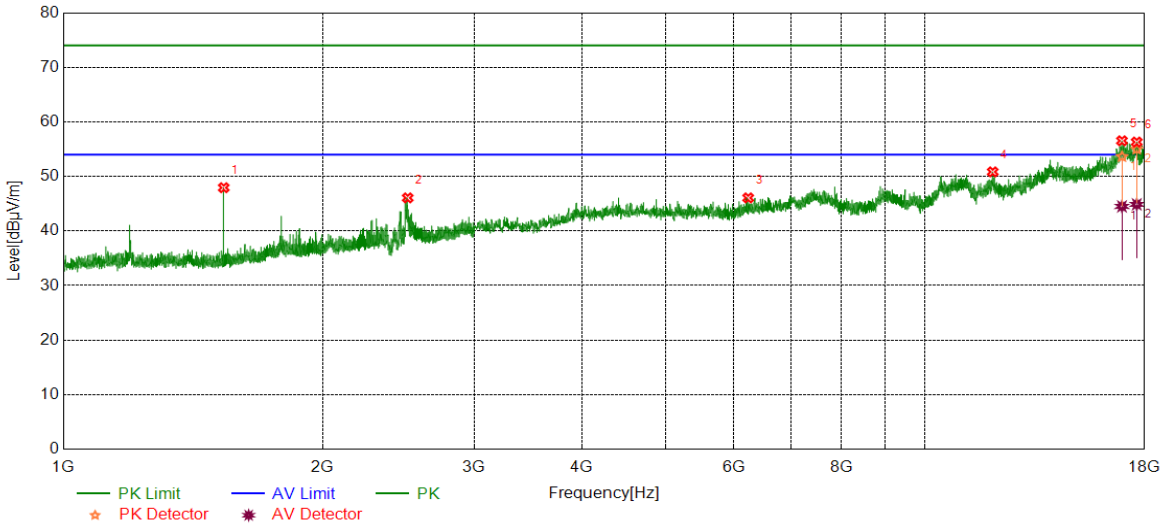


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.62	-5.68	49.94	74.00	-24.06	peak
2	2301.1626	52.21	-1.87	50.34	74.00	-23.66	peak
3	9452.6816	38.96	8.37	47.33	74.00	-26.67	peak
4	13553.8192	38.39	13.63	52.02	74.00	-21.98	peak
5	17133.6417	37.98	18.46	56.44	74.00	-17.56	peak
		25.93	18.46	44.39	54.00	-9.61	average
6	17630.5788	37.23	18.86	56.09	74.00	-17.91	peak
		26.10	18.86	44.96	54.00	-9.04	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 HT40	MCH	Horizontal	PASS

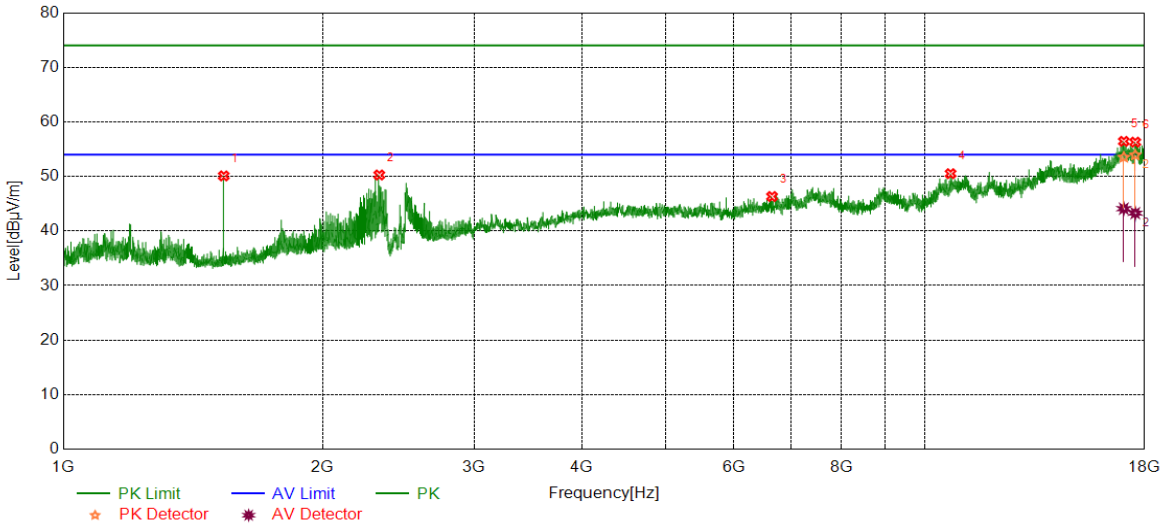


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	53.62	-5.68	47.94	74.00	-26.06	peak
2	2511.1889	46.62	-0.55	46.07	74.00	-27.93	peak
3	6238.5298	39.58	6.49	46.07	74.00	-27.93	peak
4	11993.6242	37.58	13.26	50.84	74.00	-23.16	peak
		37.18	19.36	56.54	74.00	-17.46	peak
5	16942.3678	25.15	19.36	44.51	54.00	-9.49	average
		37.52	18.79	56.31	74.00	-17.69	peak
6	17624.9531	26.09	18.79	44.88	54.00	-9.12	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

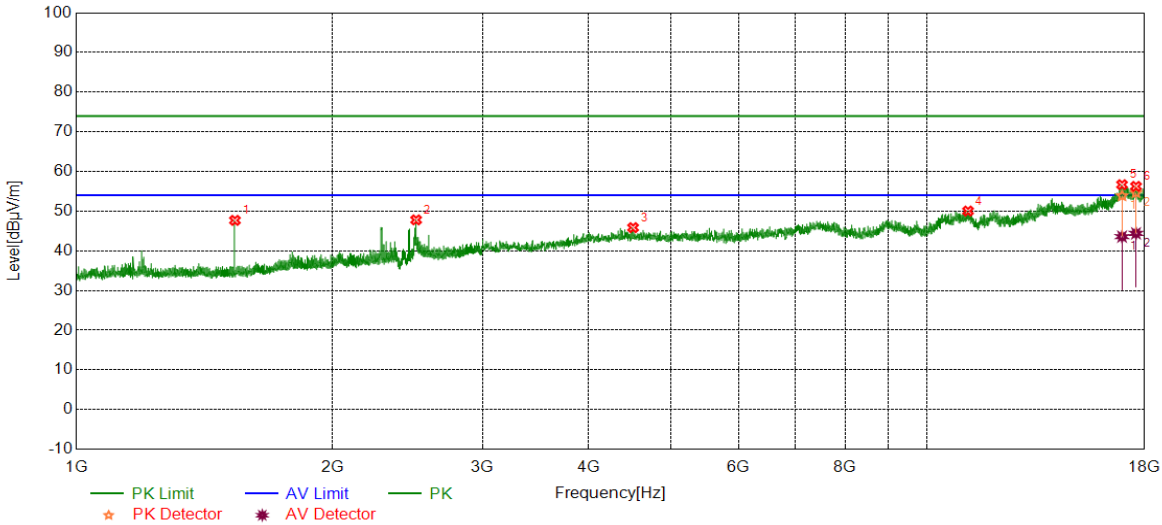


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	55.78	-5.68	50.10	74.00	-23.90	peak
2	2327.6660	52.05	-1.78	50.27	74.00	-23.73	peak
3	6649.2062	38.39	7.93	46.32	74.00	-27.68	peak
4	10716.5896	38.38	12.13	50.51	74.00	-23.49	peak
5	17024.8781	37.06	19.38	56.44	74.00	-17.56	peak
		24.71	19.38	44.09	54.00	-9.91	average
6	17555.5694	37.66	18.63	56.29	74.00	-17.71	peak
		24.64	18.63	43.27	54.00	-10.73	average

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



Test Mode	Channel	Polarization	Verdict
11n HT40	HCH	Horizontal	PASS

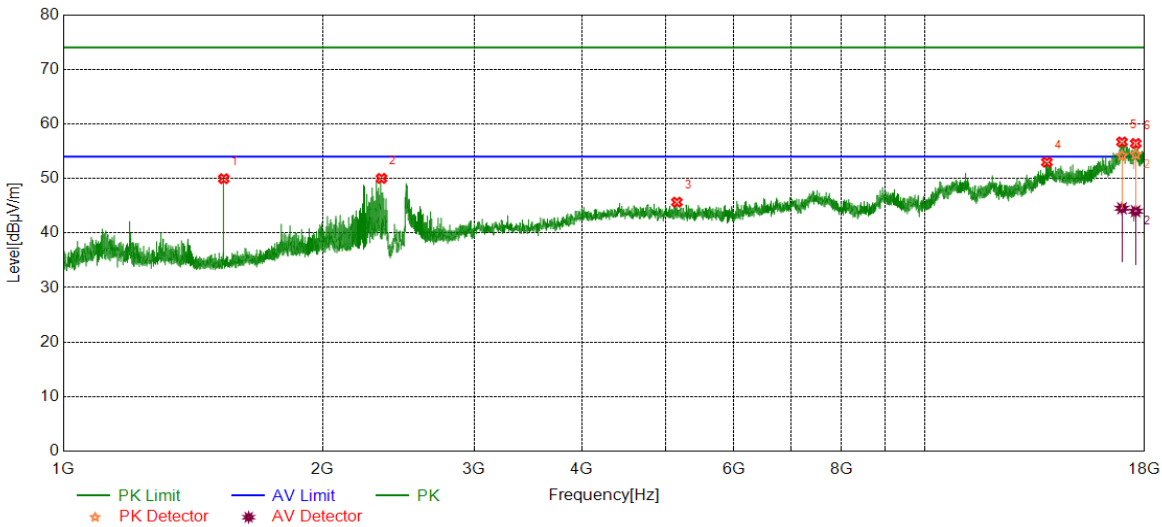


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.8170	53.36	-5.68	47.68	74.00	-26.32	peak
2	2507.4384	48.35	-0.55	47.80	74.00	-26.20	peak
3	4509.5637	40.93	4.92	45.85	74.00	-28.15	peak
4	11162.8954	37.62	12.41	50.03	74.00	-23.97	peak
		37.59	19.09	56.68	74.00	-17.32	peak
5	16932.9916	24.49	19.09	43.58	54.00	-10.42	average
		37.40	18.85	56.25	74.00	-17.75	peak
6	17585.5732	25.55	18.85	44.40	54.00	-9.60	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	1536.0670	55.63	-5.68	49.95	74.00	-24.05	peak
2	2341.1676	51.82	-1.81	50.01	74.00	-23.99	peak
3	5156.5196	40.70	4.95	45.65	74.00	-28.35	peak
4	13861.3577	38.13	14.85	52.98	74.00	-21.02	peak
		37.33	19.36	56.69	74.00	-17.31	peak
5	16942.3678	25.17	19.36	44.53	54.00	-9.47	average
		37.39	19.02	56.41	74.00	-17.59	peak
6	17576.1970	24.98	19.02	44.00	54.00	-10.00	average

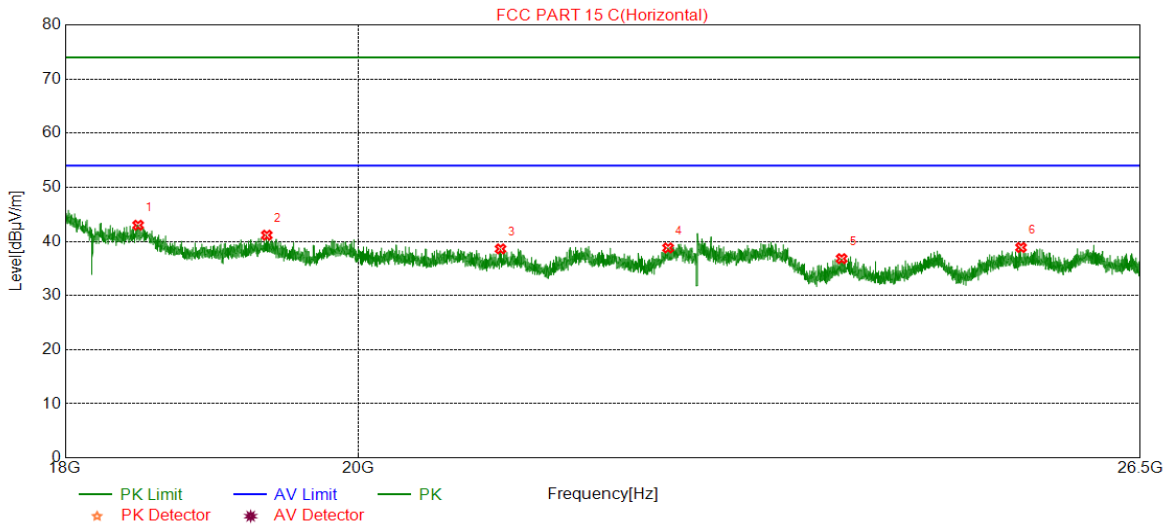
- Note: 1. Measurement = Reading Level + Correct Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
 4. Peak: Peak detector.  
 5. AVG: VBW refer to section 7.1.  
 6. For below 3GHz part, filter 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
11n HT20	MCH	Horizontal	PASS



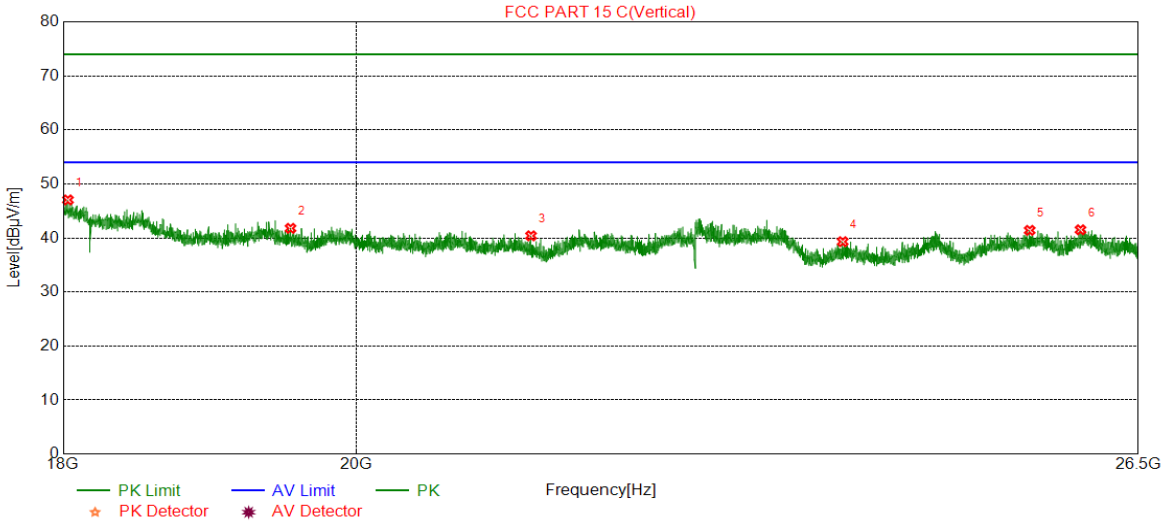
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18478.5979	43.93	-0.94	42.99	74.00	-31.01	peak
2	19354.1854	41.99	-0.84	41.15	74.00	-32.85	peak
3	21052.6553	39.57	-0.96	38.61	74.00	-35.39	peak
4	22360.9361	38.17	0.62	38.79	74.00	-35.21	peak
5	23801.8302	37.62	-0.81	36.81	74.00	-37.19	peak
6	25388.9389	38.21	0.66	38.87	74.00	-35.13	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
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	18030.6031	48.16	-1.12	47.04	74.00	-26.96	peak
2	19534.4034	42.49	-0.71	41.78	74.00	-32.22	peak
3	21300.0300	41.09	-0.70	40.39	74.00	-33.61	peak
4	23828.1828	40.17	-0.86	39.31	74.00	-34.69	peak
5	25486.6987	40.57	0.83	41.40	74.00	-32.60	peak
6	25956.7957	39.92	1.59	41.51	74.00	-32.49	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.

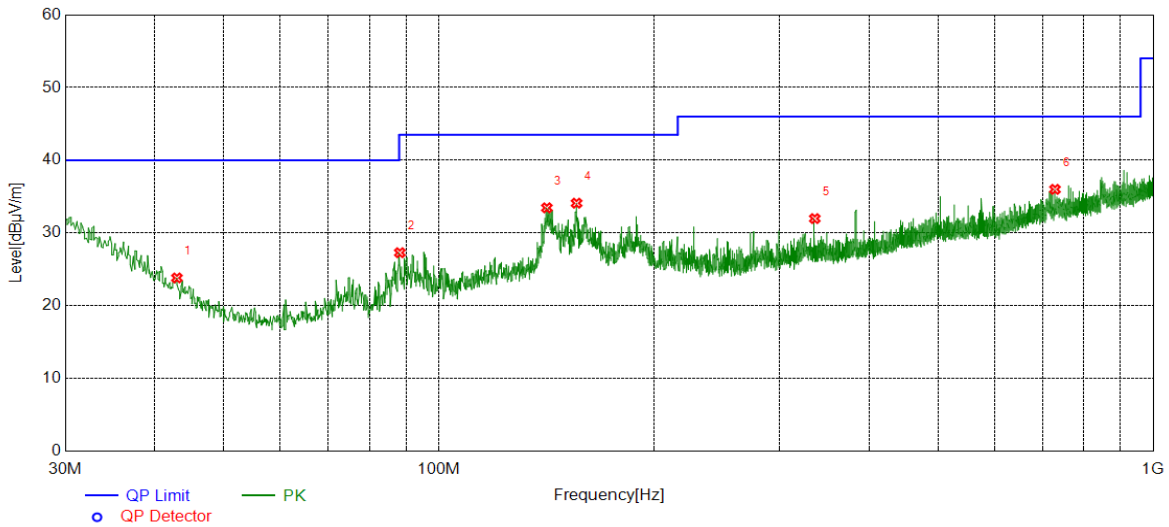
Note: All constructions and test modes and channels have been tested, only the worst data record in the report.



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

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

Test Mode	Channel	Polarization	Verdict
11n HT20	MCH	Horizontal	PASS

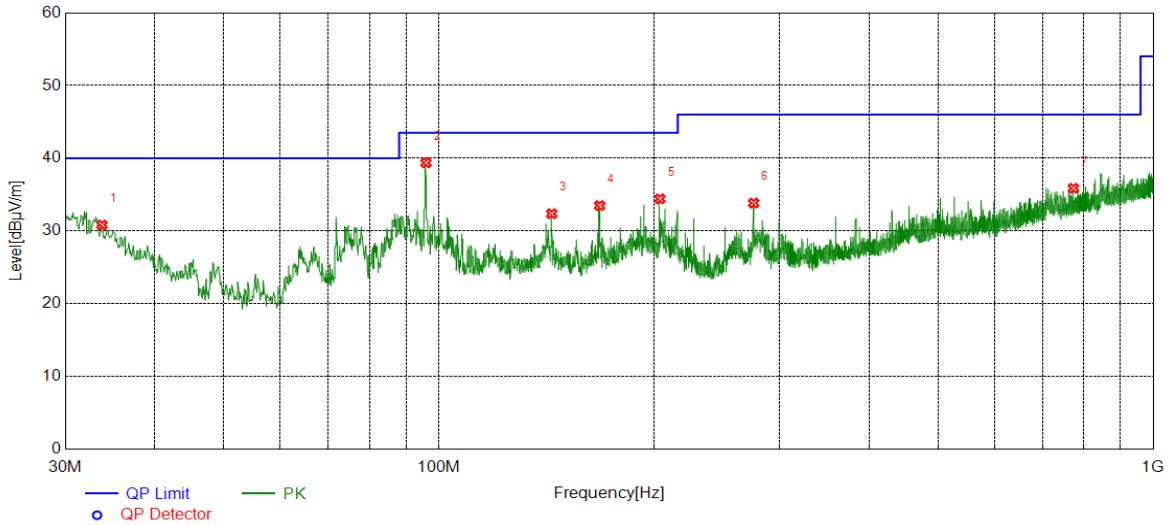


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	42.9993	4.87	18.95	23.82	40.00	-16.18	peak
2	88.2058	12.70	14.59	27.29	43.50	-16.21	peak
3	141.6582	13.35	20.11	33.46	43.50	-10.04	peak
4	155.9186	14.83	19.27	34.10	43.50	-9.40	peak
5	335.9686	10.31	21.67	31.98	46.00	-14.02	peak
6	728.6639	7.19	28.81	36.00	46.00	-10.00	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
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	33.7834	6.06	24.77	30.83	40.00	-9.17	peak
2	95.9666	23.32	16.06	39.38	43.50	-4.12	peak
3	143.8894	12.39	19.98	32.37	43.50	-11.13	peak
4	167.9478	14.81	18.68	33.49	43.50	-10.01	peak
5	203.9384	15.27	19.15	34.42	43.50	-9.08	peak
6	275.9196	13.30	20.54	33.84	46.00	-12.16	peak
7	773.1913	6.52	29.35	35.87	46.00	-10.13	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.

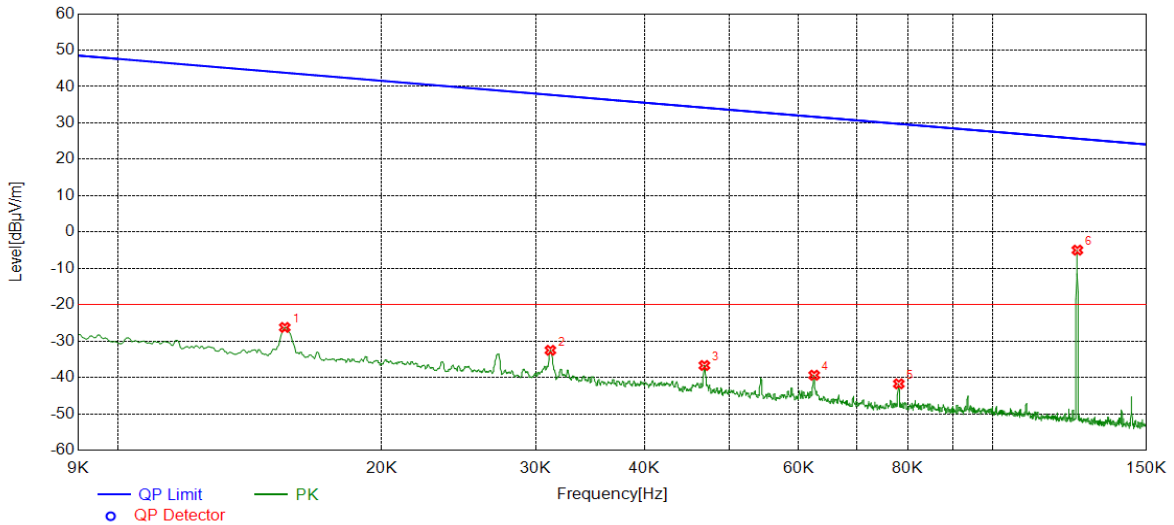
Note: All constructions and test modes and channels have been tested, only the worst data record in the report.



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

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

Test Mode	Channel	Frequency Range	Verdict
11n HT20	MCH	9KHz~150KHz	PASS

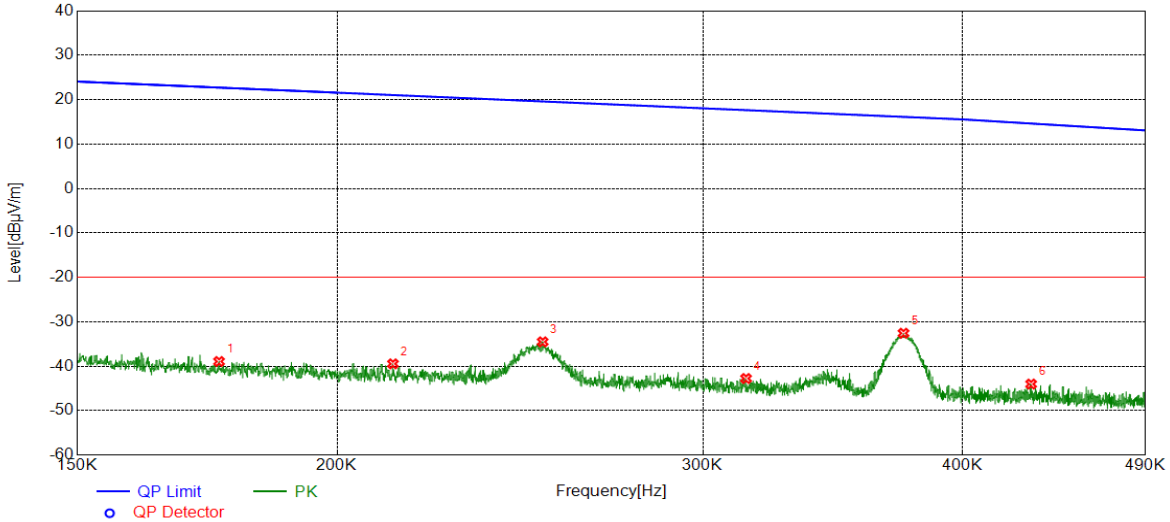


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0155	34.63	-60.87	-26.24	43.77	-70.01	peak
2	0.0312	28.28	-60.81	-32.53	37.71	-70.24	peak
3	0.0468	24.22	-60.92	-36.70	34.19	-70.89	peak
4	0.0625	21.76	-61.14	-39.38	31.68	-71.06	peak
5	0.0781	19.50	-61.25	-41.75	29.75	-71.50	peak
6	0.1250	55.95	-60.94	-4.99	25.67	-30.66	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
11n HT20	MCH	150KHz~490KHz	PASS

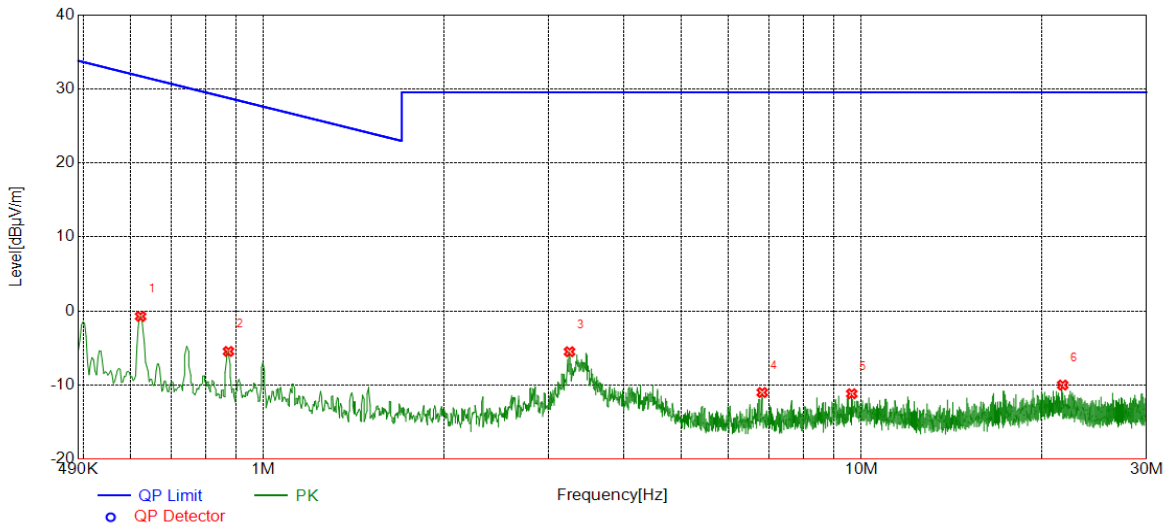


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1755	22.18	-61.11	-38.93	22.72	-61.65	peak
2	0.2128	21.46	-60.92	-39.46	21.04	-60.50	peak
3	0.2512	26.22	-60.73	-34.51	19.60	-54.11	peak
4	0.3147	17.92	-60.68	-42.76	17.64	-60.40	peak
5	0.3747	28.06	-60.63	-32.57	16.13	-48.70	peak
6	0.4316	16.57	-60.58	-44.01	14.63	-58.64	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
11n HT20	MCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.6228	19.83	-20.56	-0.73	31.72	-32.45	peak
2	0.8737	15.00	-20.46	-5.46	28.78	-34.24	peak
3	3.2495	14.81	-20.31	-5.50	29.54	-35.04	peak
4	6.8264	8.66	-19.67	-11.01	29.54	-40.55	peak
5	9.6361	7.70	-18.87	-11.17	29.54	-40.71	peak
6	21.7157	7.46	-17.46	-10.00	29.54	-39.54	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 near the 0.125MHz is emission from the NFC module, which has been verified in the Report No.:4789496830-2 test report.

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

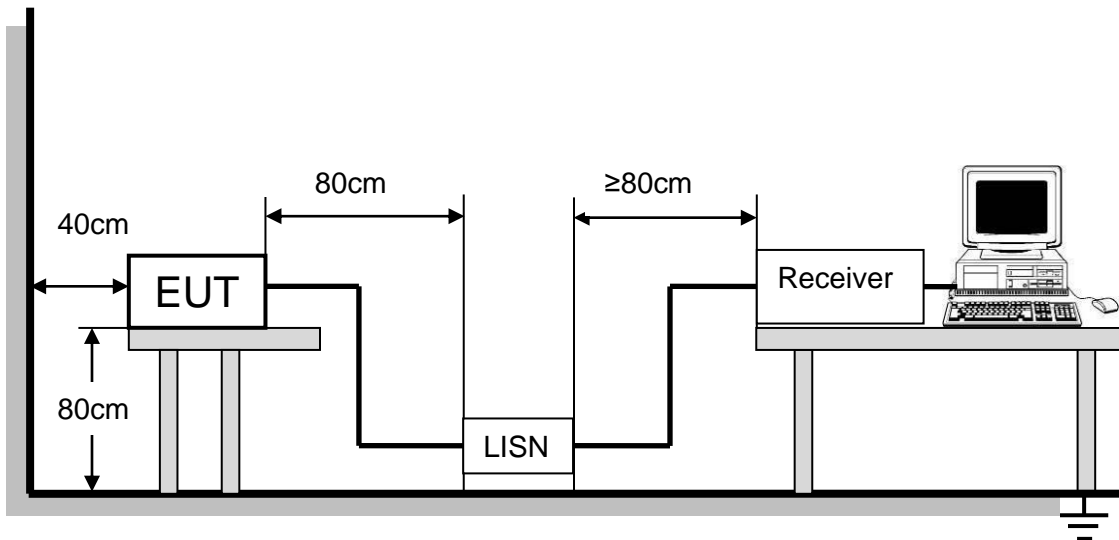
## 8. AC POWER LINE CONDUCTED EMISSIONS

### 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

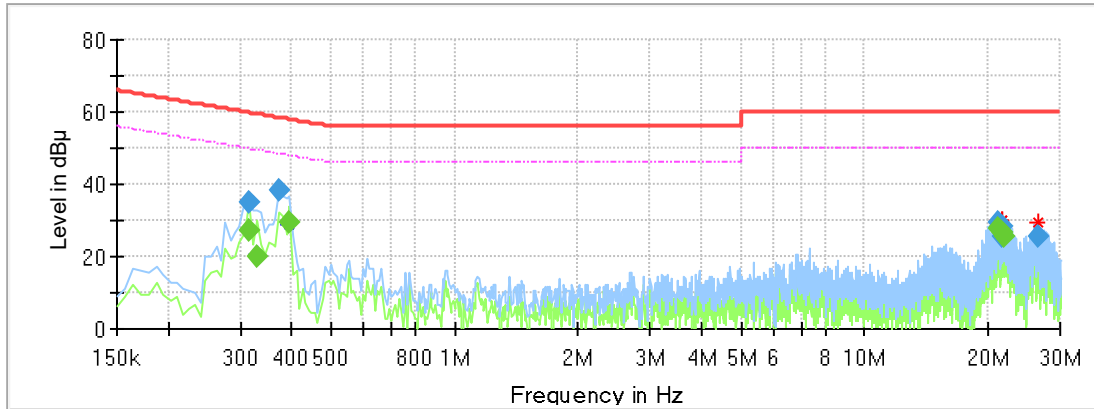


The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3)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

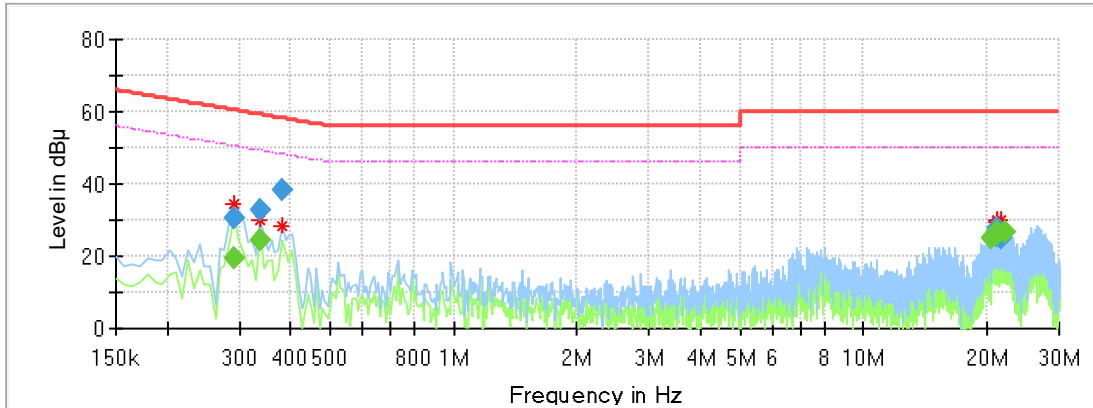
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.314175	---	27.29	49.86	22.57	1000.0	9.000	L1	OFF	9.6
0.314175	34.93	---	59.86	24.93	1000.0	9.000	L1	OFF	9.6
0.329100	---	20.27	49.47	29.20	1000.0	9.000	L1	OFF	9.6
0.373875	38.54	---	58.41	19.87	1000.0	9.000	L1	OFF	9.7
0.396263	---	29.25	47.93	18.69	1000.0	9.000	L1	OFF	9.7
21.119625	29.58	---	60.00	30.42	1000.0	9.000	L1	OFF	9.8
21.119625	---	28.03	50.00	21.97	1000.0	9.000	L1	OFF	9.8
21.642000	---	26.90	50.00	23.10	1000.0	9.000	L1	OFF	9.9
21.642000	28.35	---	60.00	31.65	1000.0	9.000	L1	OFF	9.9
21.724088	25.36	---	60.00	34.64	1000.0	9.000	L1	OFF	9.9
22.000200	---	25.35	50.00	24.65	1000.0	9.000	L1	OFF	9.9
26.500088	25.32	---	60.00	34.68	1000.0	9.000	L1	OFF	10.1

- 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)
0.291788	---	19.41	50.47	31.06	1000.0	9.000	N	OFF	9.6
0.291788	30.29	---	60.47	30.18	1000.0	9.000	N	OFF	9.6
0.336563	---	24.49	49.29	24.80	1000.0	9.000	N	OFF	9.7
0.336563	32.80	---	59.29	26.49	1000.0	9.000	N	OFF	9.7
0.381338	38.60	---	58.25	19.65	1000.0	9.000	N	OFF	9.7
20.477850	---	24.99	50.00	25.01	1000.0	9.000	N	OFF	9.8
21.082313	27.62	---	60.00	32.38	1000.0	9.000	N	OFF	9.8
21.082313	---	26.06	50.00	23.94	1000.0	9.000	N	OFF	9.8
21.194250	25.78	---	60.00	34.22	1000.0	9.000	N	OFF	9.8
21.201713	---	26.45	50.00	23.55	1000.0	9.000	N	OFF	9.8
21.604688	25.00	---	60.00	35.00	1000.0	9.000	N	OFF	9.8
22.119600	---	26.52	50.00	23.48	1000.0	9.000	N	OFF	9.9

- 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**