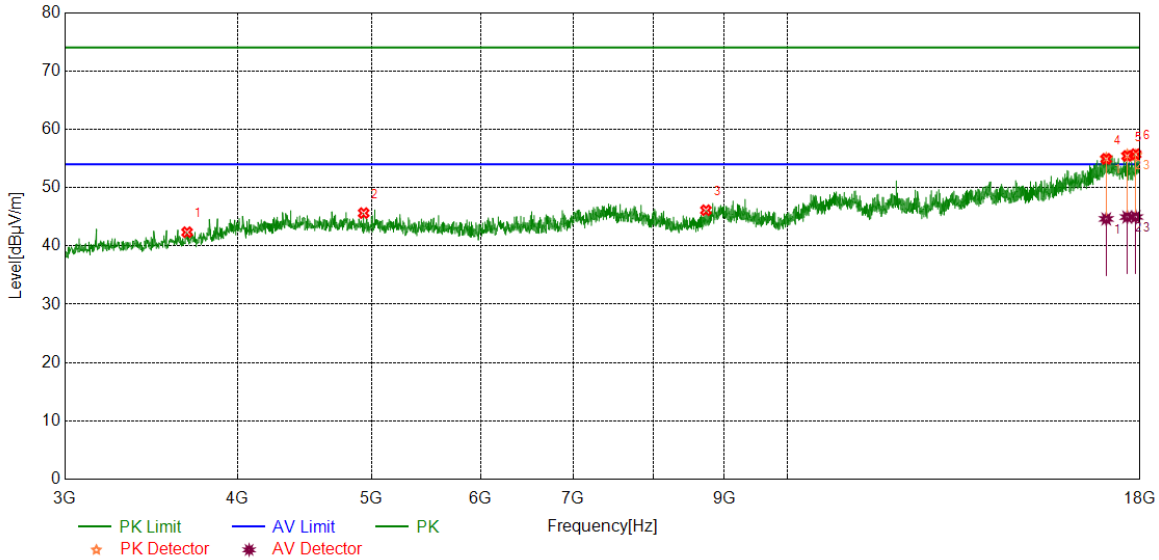




Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS

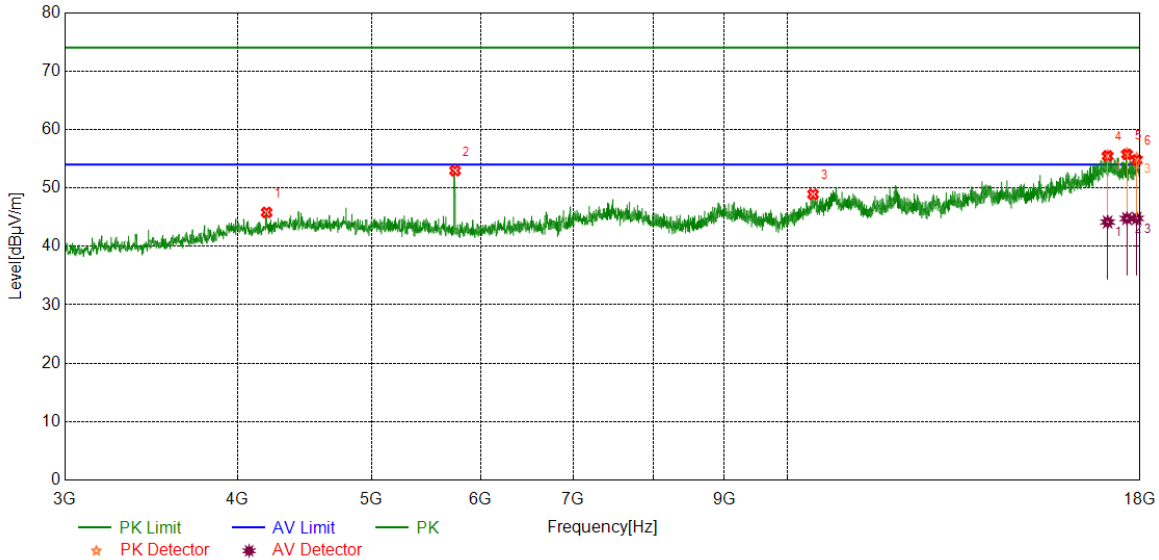


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	3678.8349	39.48	2.87	42.35	74.00	-31.65	peak
2	4937.1171	40.25	5.38	45.63	74.00	-28.37	peak
3	8732.5916	38.48	7.64	46.12	74.00	-27.88	peak
4	17013.6267	36.48	18.45	54.93	74.00	-19.07	peak
		26.18	18.45	44.63	54.00	-9.37	average
5	17619.3274	37.79	17.64	55.43	74.00	-18.57	peak
		27.31	17.64	44.95	54.00	-9.05	average
6	17870.6088	37.40	18.33	55.73	74.00	-18.27	peak
		26.64	18.33	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 7.2.
 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.
 21. 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

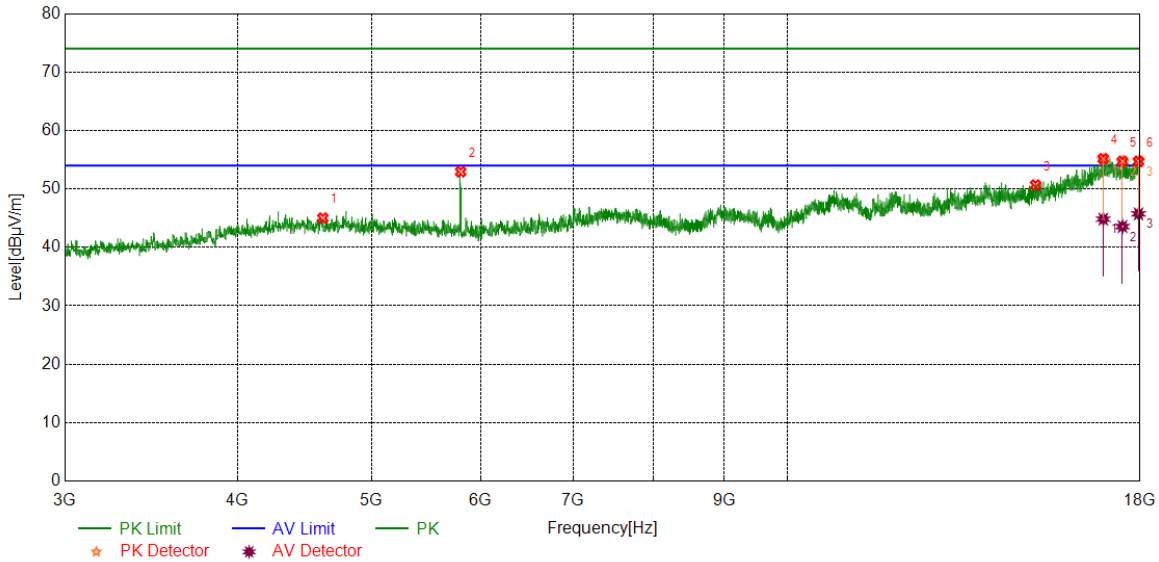


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	4200.1500	41.04	4.77	45.81	74.00	-28.19	peak
2	5749.0936	47.66	5.30	52.96	74.00	-21.04	peak
3	10439.0549	37.56	11.35	48.91	74.00	-25.09	peak
4	17053.0066	36.89	18.60	55.49	74.00	-18.51	peak
		25.56	18.60	44.16	54.00	-9.84	average
5	17611.8265	37.93	17.82	55.75	74.00	-18.25	peak
		26.94	17.82	44.76	54.00	-9.24	average
6	17900.6126	36.38	18.40	54.78	74.00	-19.22	peak
		26.39	18.40	44.79	54.00	-9.21	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 21. 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

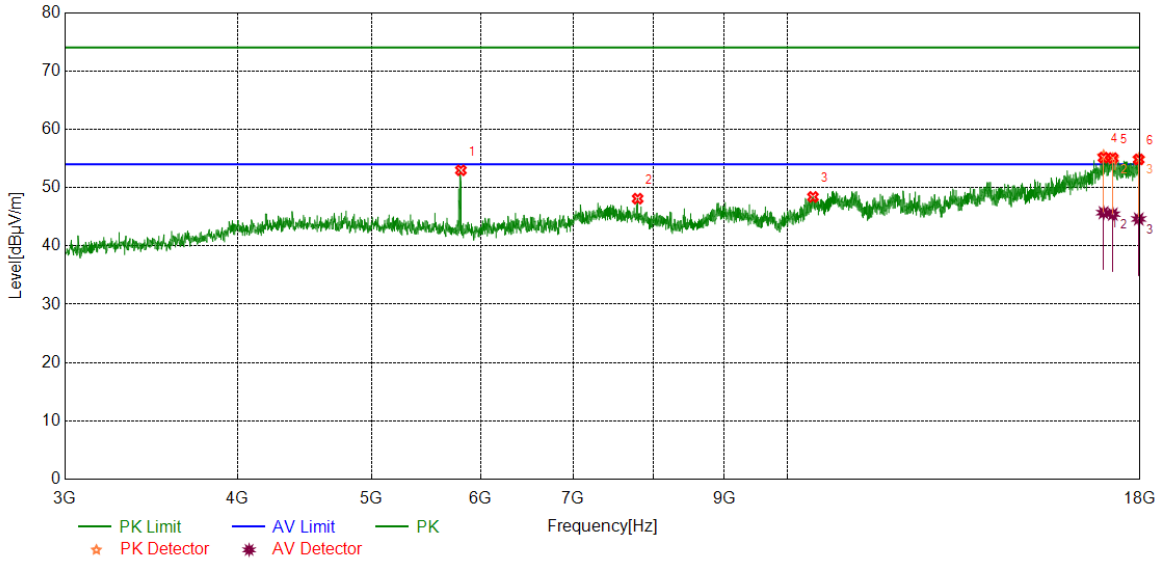


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	4612.7016	39.71	5.29	45.00	74.00	-29.00	peak
2	5803.4754	47.53	5.40	52.93	74.00	-21.07	peak
3	15125.2657	36.57	14.09	50.66	74.00	-23.34	peak
4	16929.2412	36.86	18.31	55.17	74.00	-18.83	peak
		26.52	18.31	44.83	54.00	-9.17	average
5	17480.5601	36.92	17.80	54.72	74.00	-19.28	peak
		25.76	17.80	43.56	54.00	-10.44	average
6	17954.9944	36.20	18.52	54.72	74.00	-19.28	peak
		27.21	18.52	45.73	54.00	-8.27	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 7.2.
 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.
 21. 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

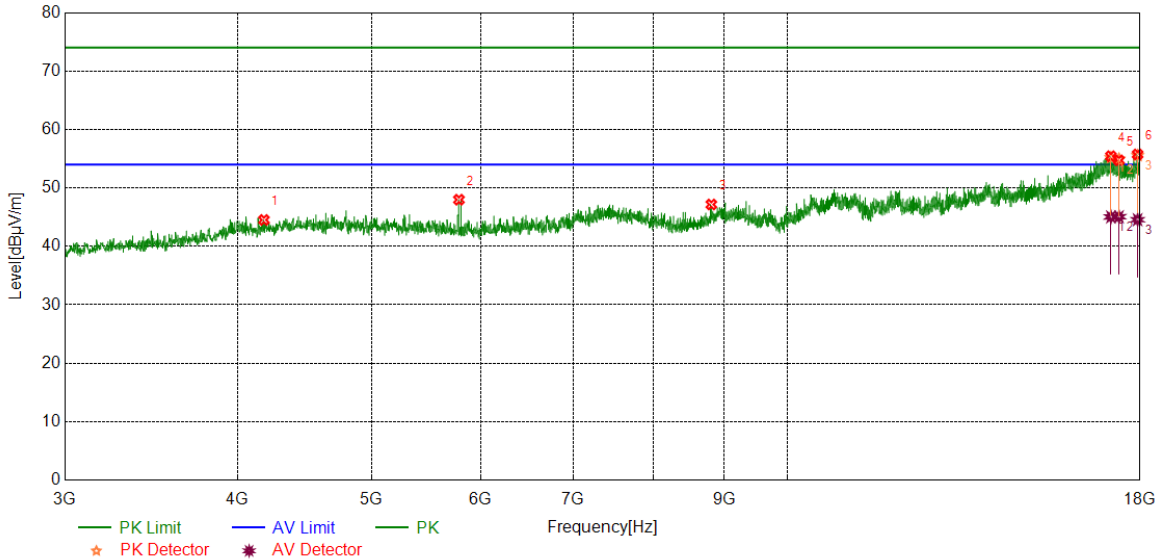


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	5805.3507	47.59	5.38	52.97	74.00	-21.03	peak
2	7793.0991	40.05	8.05	48.10	74.00	-25.90	peak
3	10437.1796	37.00	11.40	48.40	74.00	-25.60	peak
4	16936.7421	36.70	18.43	55.13	74.00	-18.87	peak
		27.27	18.43	45.70	54.00	-8.30	average
5	17201.1501	36.76	18.30	55.06	74.00	-18.94	peak
		27.15	18.30	45.45	54.00	-8.55	average
6	17960.6201	36.42	18.42	54.84	74.00	-19.16	peak
		26.20	18.42	44.62	54.00	-9.38	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 7.2.
 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.
 21. 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

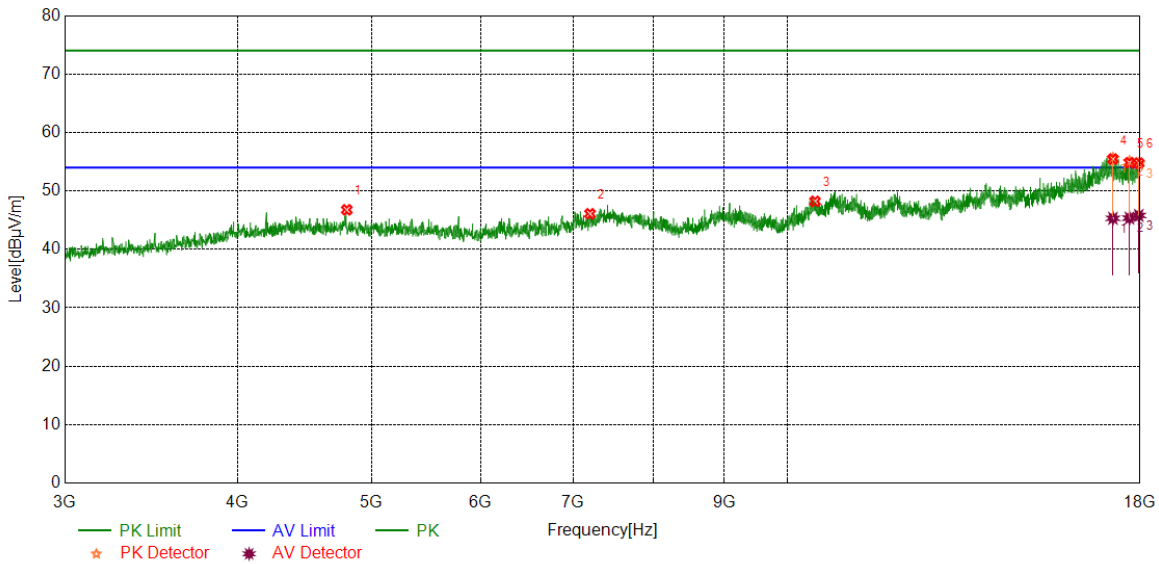


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	4181.3977	40.06	4.46	44.52	74.00	-29.48	peak
2	5786.5983	42.74	5.25	47.99	74.00	-26.01	peak
3	8811.3514	39.13	8.04	47.17	74.00	-26.83	peak
4	17146.7683	37.16	18.27	55.43	74.00	-18.57	peak
		26.77	18.27	45.04	54.00	-8.96	average
5	17379.2974	36.12	18.60	54.72	74.00	-19.28	peak
		26.47	18.60	45.07	54.00	-8.93	average
6	17926.8659	37.71	18.03	55.74	74.00	-18.26	peak
		26.53	18.03	44.56	54.00	-9.44	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 21. 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

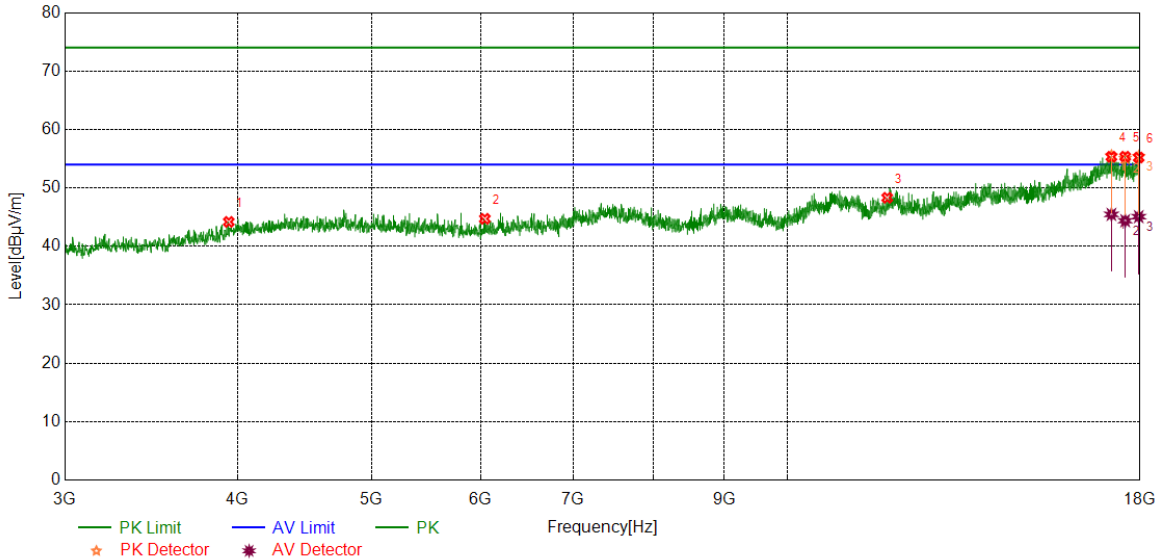


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	4800.2250	41.10	5.67	46.77	74.00	-27.23	peak
2	7198.6498	37.43	8.66	46.09	74.00	-27.91	peak
3	10472.8091	36.86	11.36	48.22	74.00	-25.78	peak
4	17204.9006	37.36	18.10	55.46	74.00	-18.54	peak
		27.22	18.10	45.32	54.00	-8.68	average
5	17684.9606	36.87	17.96	54.83	74.00	-19.17	peak
		27.39	17.96	45.35	54.00	-8.65	average
6	17962.4953	36.50	18.27	54.77	74.00	-19.23	peak
		27.54	18.27	45.81	54.00	-8.19	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.
 21. 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

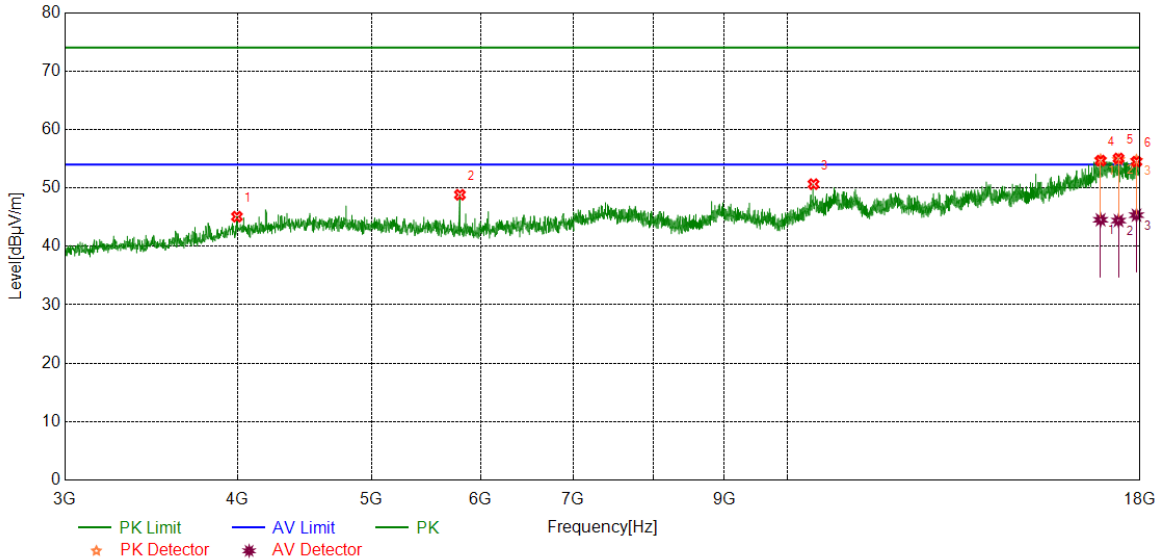


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	3943.2429	39.90	4.29	44.19	74.00	-29.81	peak
2	6041.6302	39.41	5.31	44.72	74.00	-29.28	peak
3	11811.7265	36.07	12.25	48.32	74.00	-25.68	peak
4	17161.7702	37.07	18.26	55.33	74.00	-18.67	peak
		27.21	18.26	45.47	54.00	-8.53	average
5	17559.3199	37.45	17.90	55.35	74.00	-18.65	peak
		26.49	17.90	44.39	54.00	-9.61	average
6	17960.6201	36.78	18.42	55.20	74.00	-18.80	peak
		26.66	18.42	45.08	54.00	-8.92	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
 21. 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

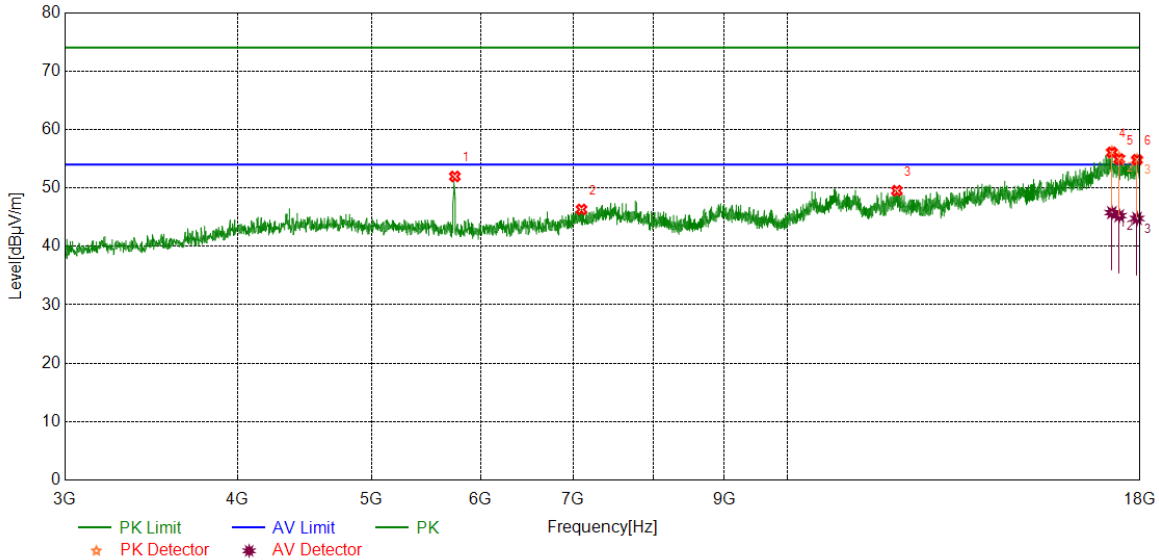


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	3997.6247	40.86	4.22	45.08	74.00	-28.92	peak
2	5795.9745	43.48	5.35	48.83	74.00	-25.17	peak
3	10446.5558	39.31	11.34	50.65	74.00	-23.35	peak
4	16854.2318	37.15	17.52	54.67	74.00	-19.33	peak
		27.03	17.52	44.55	54.00	-9.45	average
5	17366.1708	36.74	18.31	55.05	74.00	-18.95	peak
		26.11	18.31	44.42	54.00	-9.58	average
6	17893.1116	35.98	18.51	54.49	74.00	-19.51	peak
		26.83	18.51	45.34	54.00	-8.66	average

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 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.
 21. 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

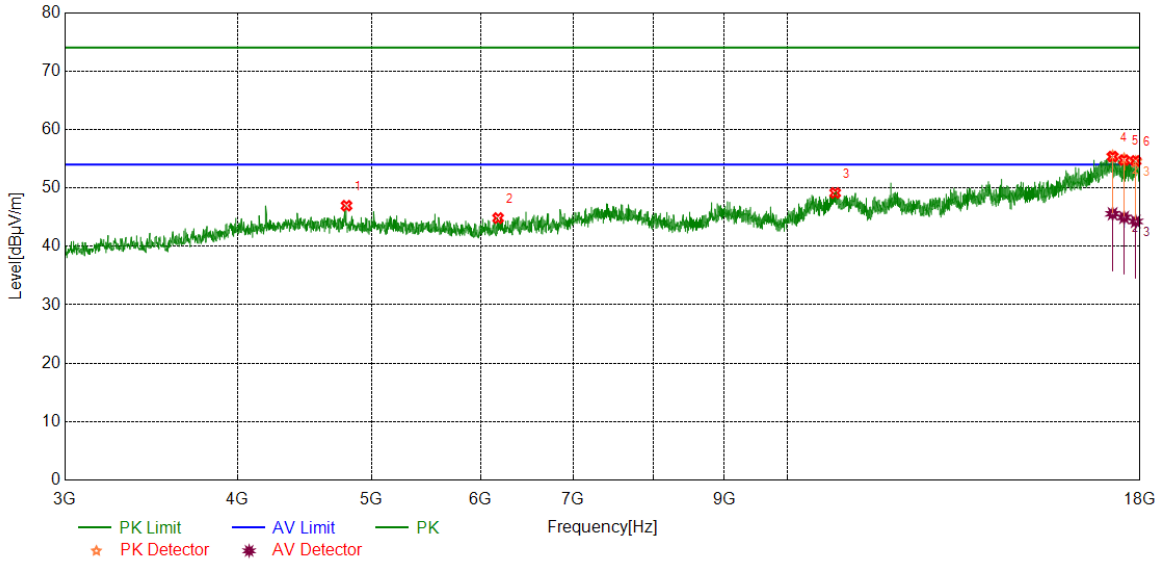


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	5747.2184	46.62	5.34	51.96	74.00	-22.04	peak
2	7097.3872	37.92	8.40	46.32	74.00	-27.68	peak
3	12003.0004	36.63	12.90	49.53	74.00	-24.47	peak
4	17174.8969	37.87	18.21	56.08	74.00	-17.92	peak
		27.57	18.21	45.78	54.00	-8.22	average
5	17384.9231	36.73	18.20	54.93	74.00	-19.07	peak
		27.04	18.20	45.24	54.00	-8.76	average
6	17909.9887	36.55	18.28	54.83	74.00	-19.17	peak
		26.50	18.28	44.78	54.00	-9.22	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 7.2.
 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.
 21. 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

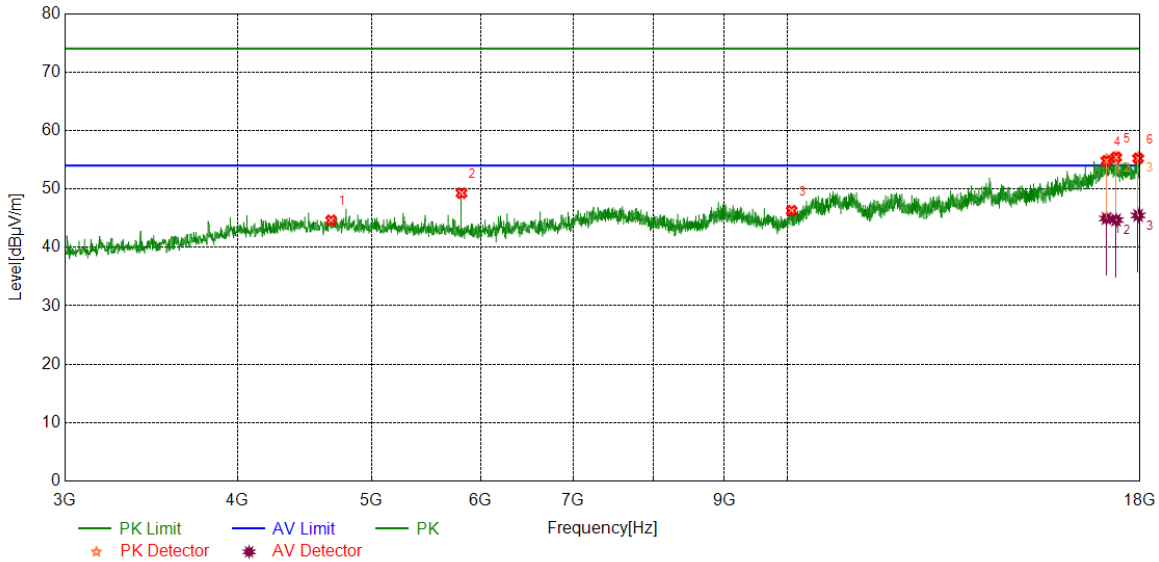


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	4798.3498	41.20	5.76	46.96	74.00	-27.04	peak
2	6176.6471	38.97	5.87	44.84	74.00	-29.16	peak
3	10830.9789	37.09	12.05	49.14	74.00	-24.86	peak
4	17195.5244	37.08	18.28	55.36	74.00	-18.64	peak
		27.30	18.28	45.58	54.00	-8.42	average
5	17527.4409	36.90	17.87	54.77	74.00	-19.23	peak
		27.08	17.87	44.95	54.00	-9.05	average
6	17868.7336	36.25	18.37	54.62	74.00	-19.38	peak
		25.89	18.37	44.26	54.00	-9.74	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 7.2.
 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.
 21. 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	4676.4596	39.37	5.26	44.63	74.00	-29.37	peak
2	5810.9764	43.96	5.32	49.28	74.00	-24.72	peak
3	10073.3842	37.37	8.91	46.28	74.00	-27.72	peak
4	17019.2524	36.44	18.36	54.80	74.00	-19.20	peak
		26.59	18.36	44.95	54.00	-9.05	average
5	17296.7871	37.63	17.79	55.42	74.00	-18.58	peak
		26.89	17.79	44.68	54.00	-9.32	average
6	17941.8677	36.90	18.33	55.23	74.00	-18.77	peak
		27.14	18.33	45.47	54.00	-8.53	average

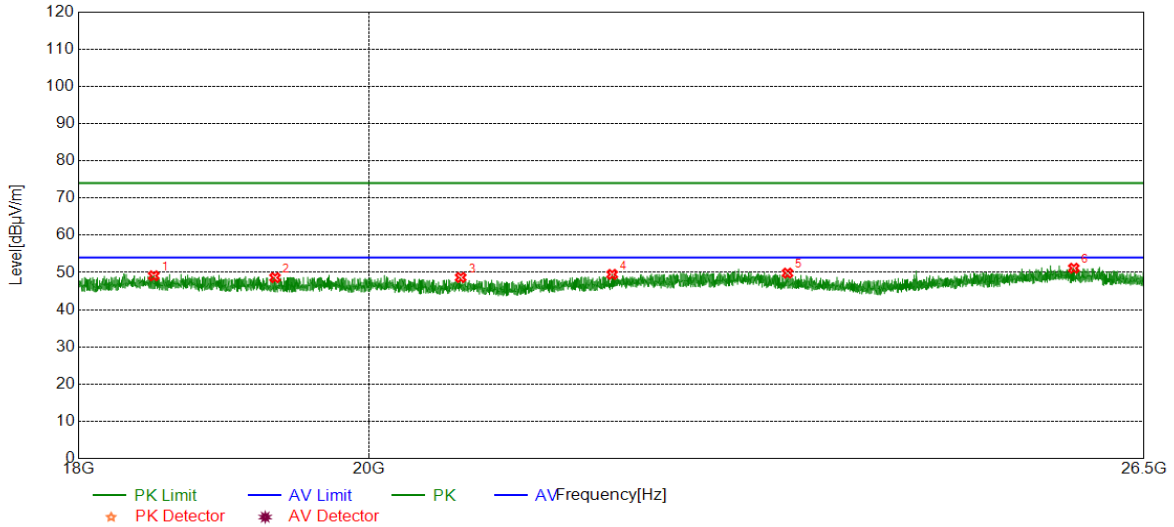
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 4. Peak: Peak detector.
 5. AVG: VBW refer to section 7.2.
 6. For above 3GHz part, filter losses 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.
 21. 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

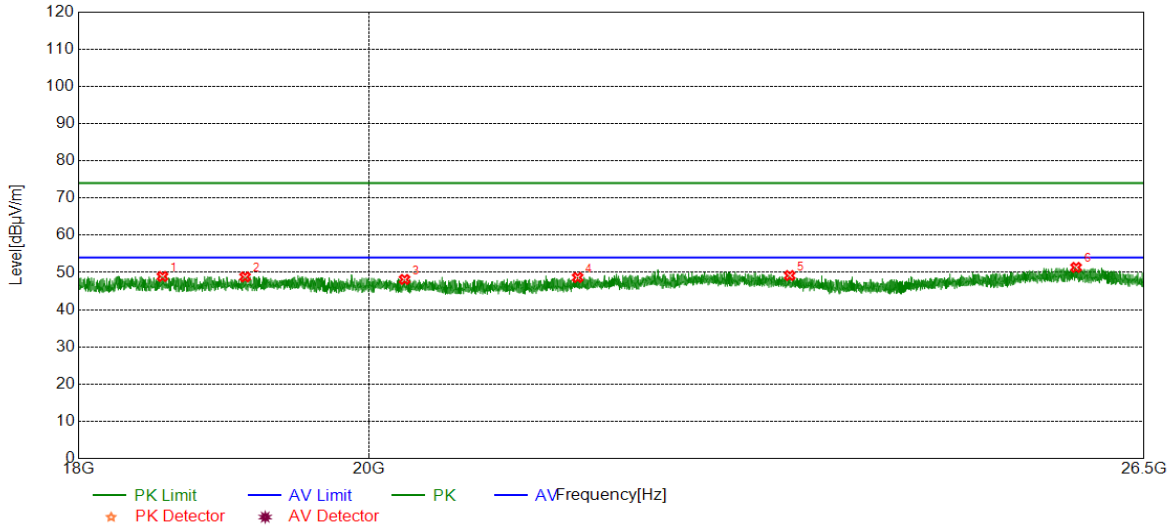


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	18497.2997	50.04	-0.93	49.11	74.00	-24.89	peak
2	19330.3830	49.46	-0.85	48.61	74.00	-25.39	peak
3	20678.6179	49.51	-0.85	48.66	74.00	-25.34	peak
4	21847.4847	49.53	-0.04	49.49	74.00	-24.51	peak
5	23284.1284	49.34	0.49	49.83	74.00	-24.17	peak
6	25835.2335	49.75	1.40	51.15	74.00	-22.85	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	18555.9556	49.88	-0.95	48.93	74.00	-25.07	peak
2	19121.2621	49.85	-1.03	48.82	74.00	-25.18	peak
3	20261.2261	48.77	-0.64	48.13	74.00	-25.87	peak
4	21575.4575	49.06	-0.41	48.65	74.00	-25.35	peak
5	23302.8303	48.74	0.44	49.18	74.00	-24.82	peak
6	25856.4856	49.94	1.43	51.37	74.00	-22.63	peak

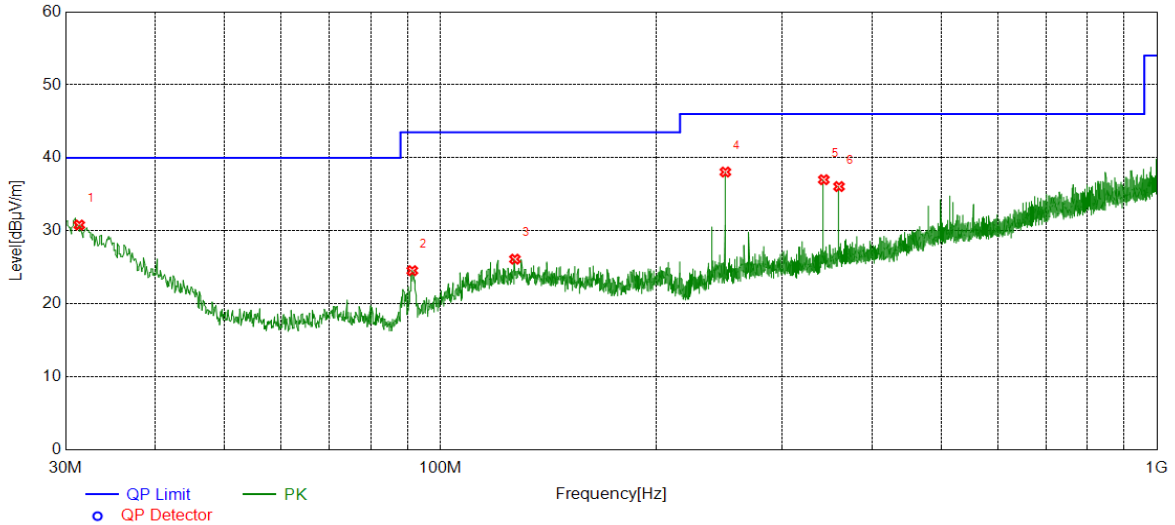
Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.



Part IV: 30MHz~1GHz

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

Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS

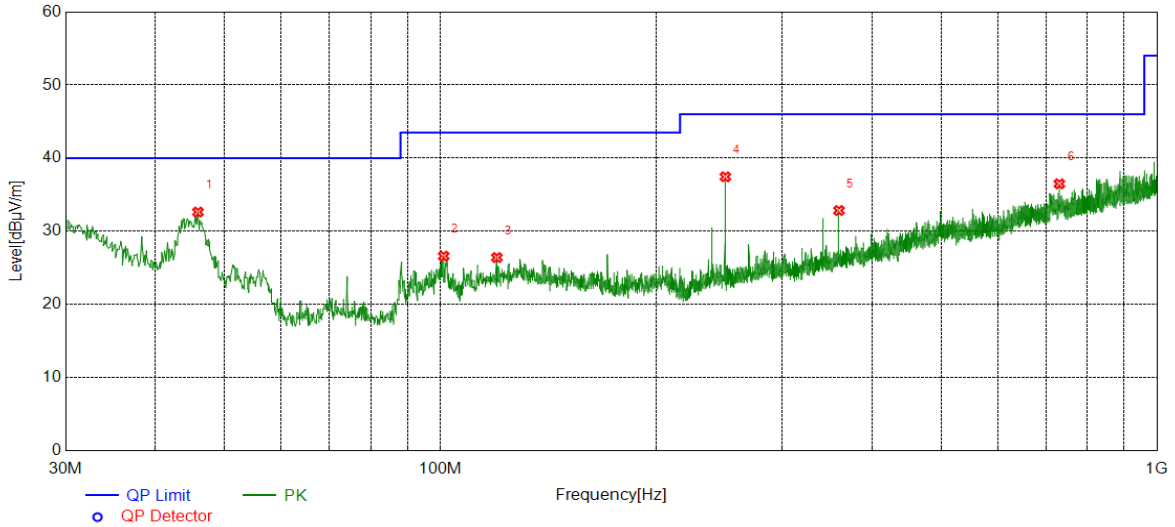


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	31.3581	4.62	26.18	30.80	40.00	-9.20	peak
2	91.4071	9.78	14.77	24.55	43.50	-18.95	peak
3	127.1067	5.86	20.26	26.12	43.50	-17.38	peak
4	249.9210	19.08	18.98	38.06	46.00	-7.94	peak
5	342.8563	15.49	21.52	37.01	46.00	-8.99	peak
6	360.0270	14.11	21.96	36.07	46.00	-9.93	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)	(dBuV/m)	(dBuV/m)	(Db)	
1	45.9096	15.57	17.06	32.63	40.00	-7.37	peak
2	101.1081	9.52	17.09	26.61	43.50	-16.89	peak
3	119.9280	6.04	20.37	26.41	43.50	-17.09	peak
4	249.9210	18.47	18.98	37.45	46.00	-8.55	peak
5	360.0270	10.88	21.96	32.84	46.00	-13.16	peak
6	730.7981	7.55	28.94	36.49	46.00	-9.51	peak

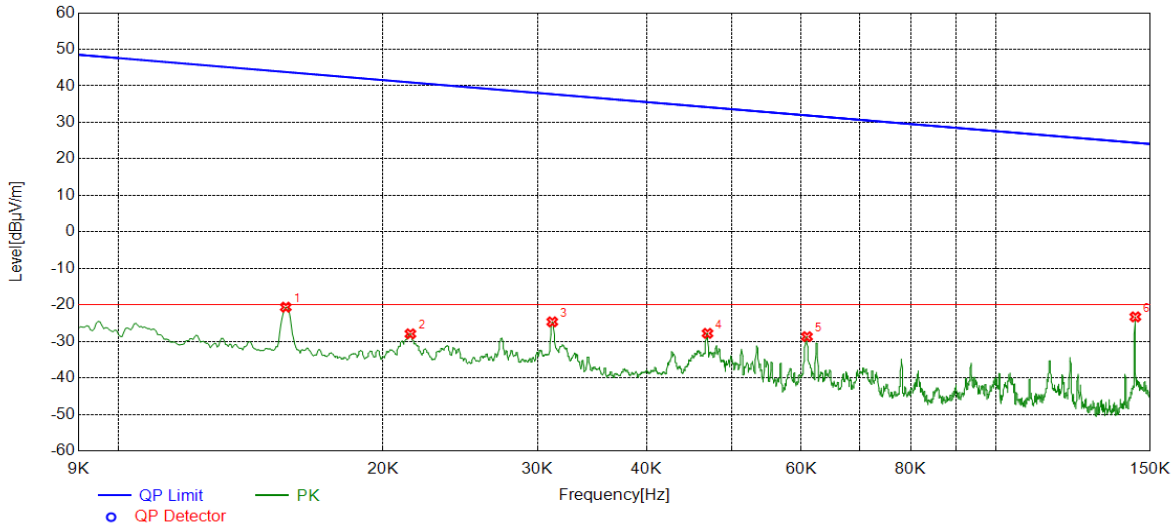
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Measurement = Reading Level + Correct Factor.



Part V: 9KHz~30MHz

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

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

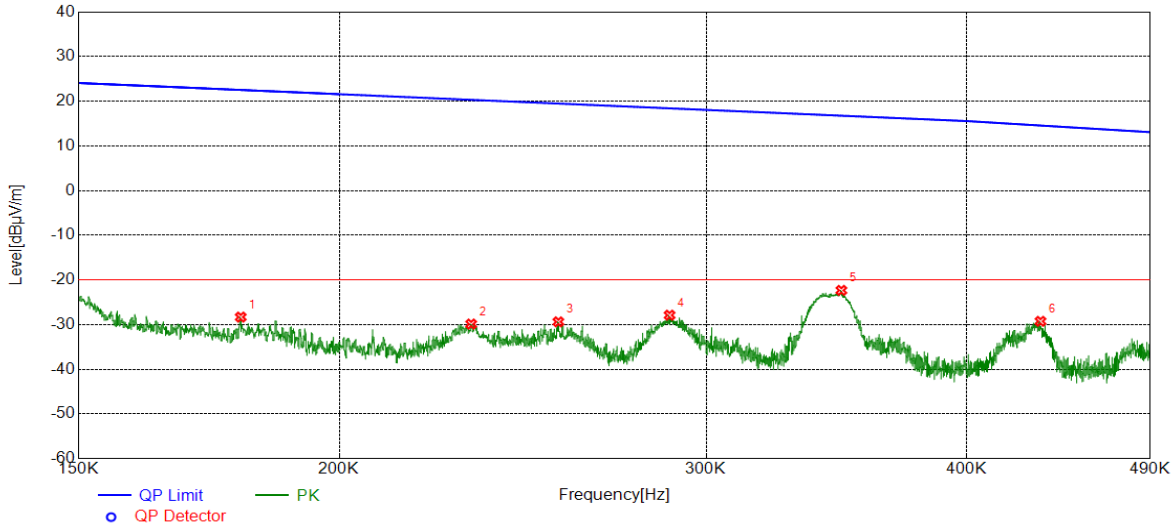


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	0.0155	41.26	-61.89	-20.63	43.77	-64.40	peak
2	0.0215	33.89	-61.83	-27.94	40.95	-68.89	peak
3	0.0312	37.09	-61.74	-24.65	37.71	-62.36	peak
4	0.0469	33.93	-61.74	-27.81	34.18	-61.99	peak
5	0.0609	33.06	-61.77	-28.71	31.92	-60.63	peak
6	0.1442	38.55	-61.84	-23.29	24.42	-47.71	peak

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. Result 300m= Result 3m-80 dBuV/m
 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
 4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report



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

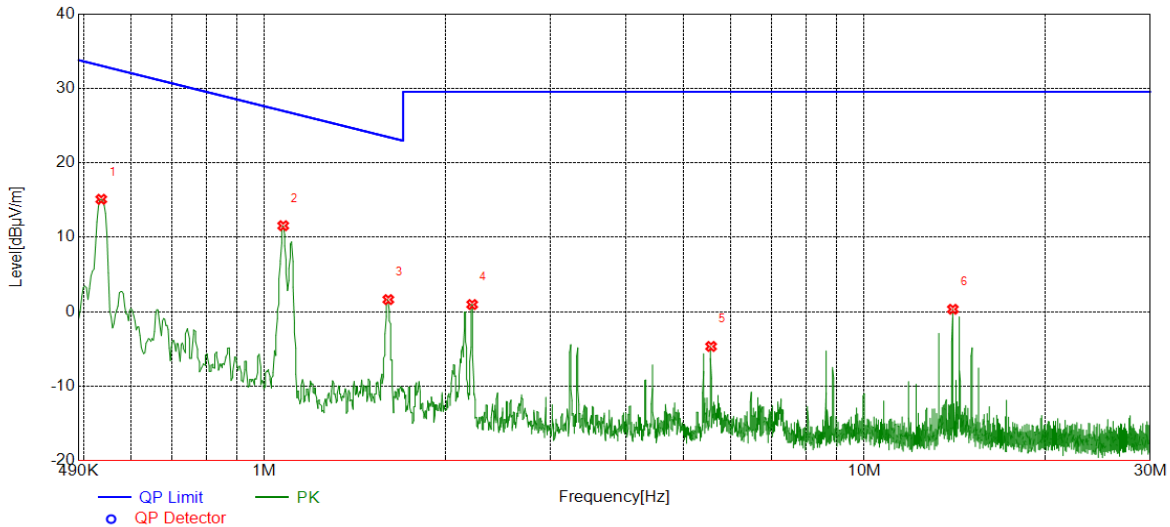


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	0.1794	33.54	-61.85	-28.31	22.53	-50.84	peak
2	0.2314	32.00	-61.87	-29.87	20.32	-50.19	peak
3	0.2548	32.50	-61.88	-29.38	19.48	-48.86	peak
4	0.2881	34.01	-61.90	-27.89	18.41	-46.30	peak
5	0.3483	39.57	-61.90	-22.33	16.76	-39.09	peak
6	0.4340	32.64	-61.90	-29.26	14.56	-43.82	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. Result 300m= Result 3m-80 dBuV/m
 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
 4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report



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



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(Db)	(dBuV/m)	(dBuV/m)	(Db)	
1	0.5343	36.99	-21.89	15.10	33.05	-17.95	peak
2	1.0744	33.40	-21.85	11.55	26.98	-15.43	peak
3	1.6085	23.46	-21.83	1.63	23.47	-21.84	peak
4	2.2195	22.77	-21.80	0.97	29.54	-28.57	peak
5	5.5544	17.05	-21.71	-4.66	29.54	-34.20	peak
6	14.0542	21.93	-21.60	0.33	29.54	-29.21	peak

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. Result 30m= Result 3m-40 dBuV/m
 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
 4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report

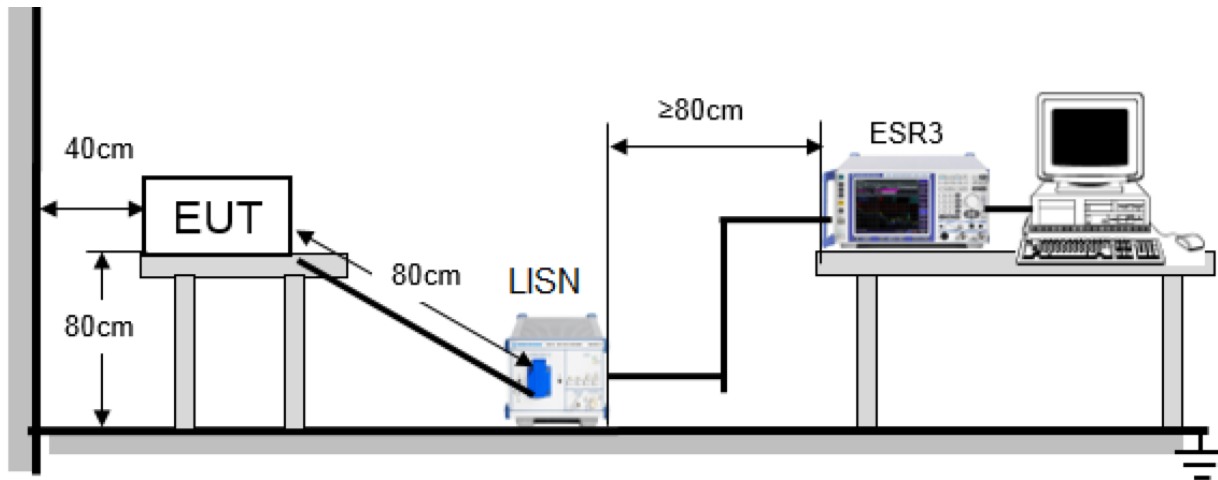
8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	Limit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 – 56 *	56 – 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

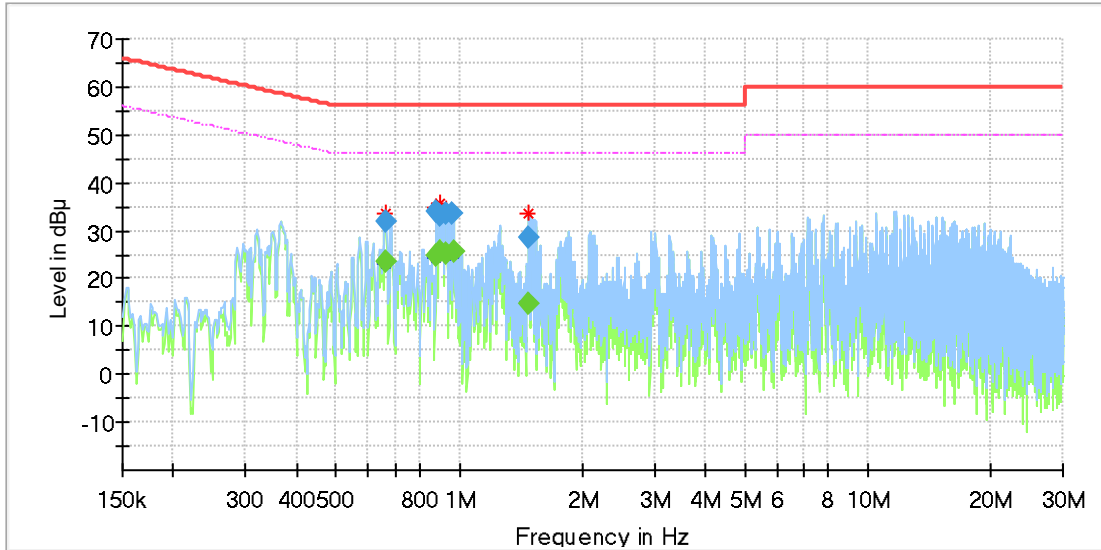
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

Environment Parameter	Selected Values During Tests
Relative Humidity	65.8%
Atmospheric Pressure:	102Kpa
Temperature	21.6°C
Test Voltage	AC 120V



TEST RESULTS (WORST CASE CONFIGURATION)

For L Line:



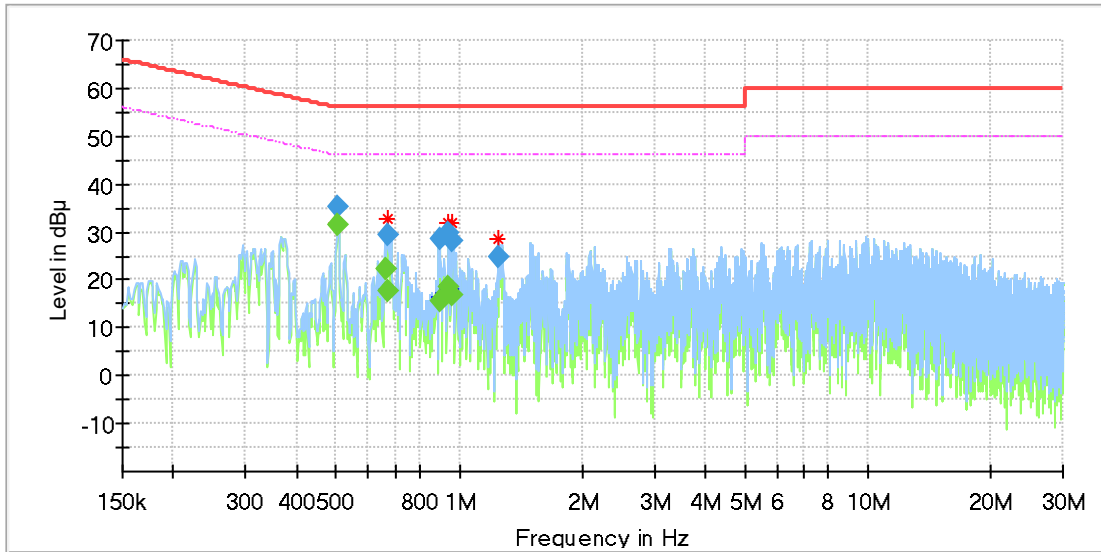
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.657450	---	23.51	46.00	22.49	1000.0	9.000	L1	OFF	9.5
0.657450	31.98	---	56.00	24.02	1000.0	9.000	L1	OFF	9.5
0.879833	---	24.69	46.00	21.31	1000.0	9.000	L1	OFF	9.7
0.879833	33.88	---	56.00	22.12	1000.0	9.000	L1	OFF	9.7
0.897743	33.16	---	56.00	22.84	1000.0	9.000	L1	OFF	9.7
0.899235	---	25.50	46.00	20.50	1000.0	9.000	L1	OFF	9.7
0.923115	33.68	---	56.00	22.32	1000.0	9.000	L1	OFF	9.7
0.923115	---	25.26	46.00	20.74	1000.0	9.000	L1	OFF	9.7
0.964905	33.38	---	56.00	22.62	1000.0	9.000	L1	OFF	9.6
0.966398	---	25.46	46.00	20.54	1000.0	9.000	L1	OFF	9.6
1.484295	---	14.76	46.00	31.24	1000.0	9.000	L1	OFF	9.7
1.484295	28.56	---	56.00	27.44	1000.0	9.000	L1	OFF	9.7

- Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
 5. Pre-testing all test modes and channels, and find the 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)
0.505215	---	31.30	46.00	14.70	1000.0	9.000	N	OFF	9.6
0.505215	35.42	---	56.00	20.58	1000.0	9.000	N	OFF	9.6
0.658943	---	22.28	46.00	23.72	1000.0	9.000	N	OFF	9.6
0.667898	---	17.86	46.00	28.14	1000.0	9.000	N	OFF	9.7
0.667898	29.23	---	56.00	26.77	1000.0	9.000	N	OFF	9.7
0.893265	---	15.57	46.00	30.43	1000.0	9.000	N	OFF	9.5
0.893265	28.40	---	56.00	27.60	1000.0	9.000	N	OFF	9.5
0.944010	29.85	---	56.00	26.15	1000.0	9.000	N	OFF	9.5
0.944010	---	18.30	46.00	27.70	1000.0	9.000	N	OFF	9.5
0.961920	28.30	---	56.00	27.70	1000.0	9.000	N	OFF	9.5
0.961920	---	16.71	46.00	29.29	1000.0	9.000	N	OFF	9.5
1.242510	24.77	---	56.00	31.23	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 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 Antenna.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT