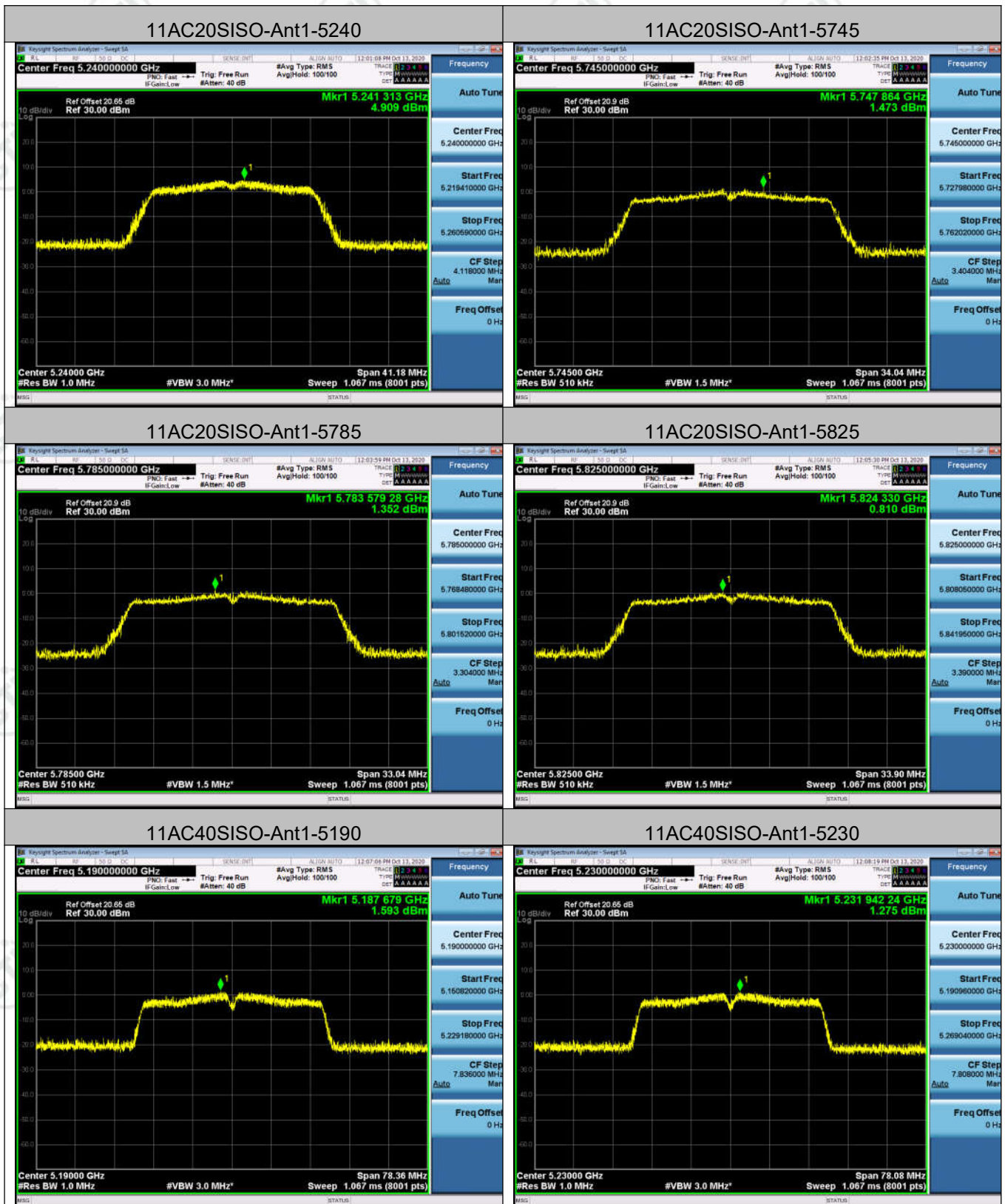
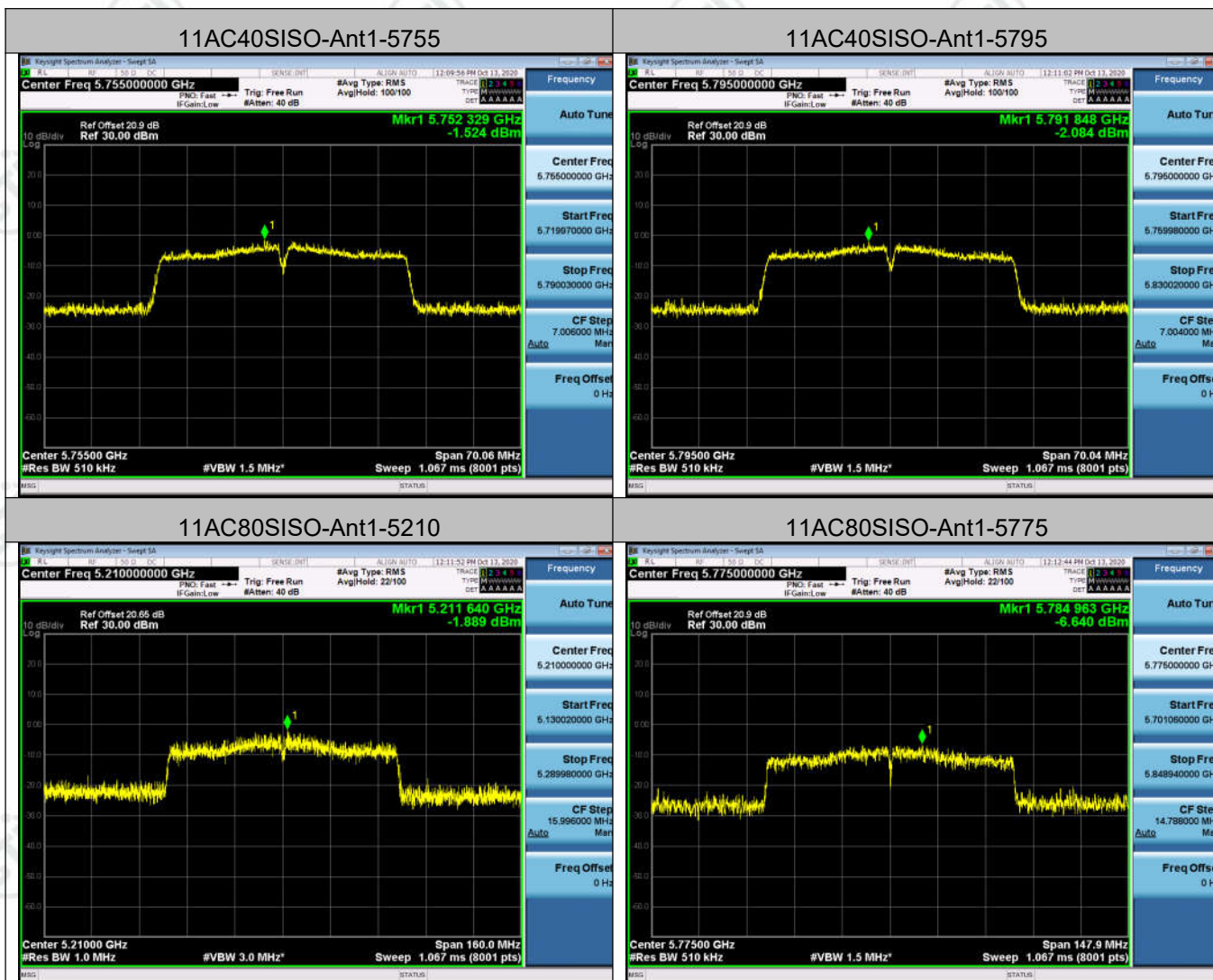








Appendix D): Band Edge Measurements

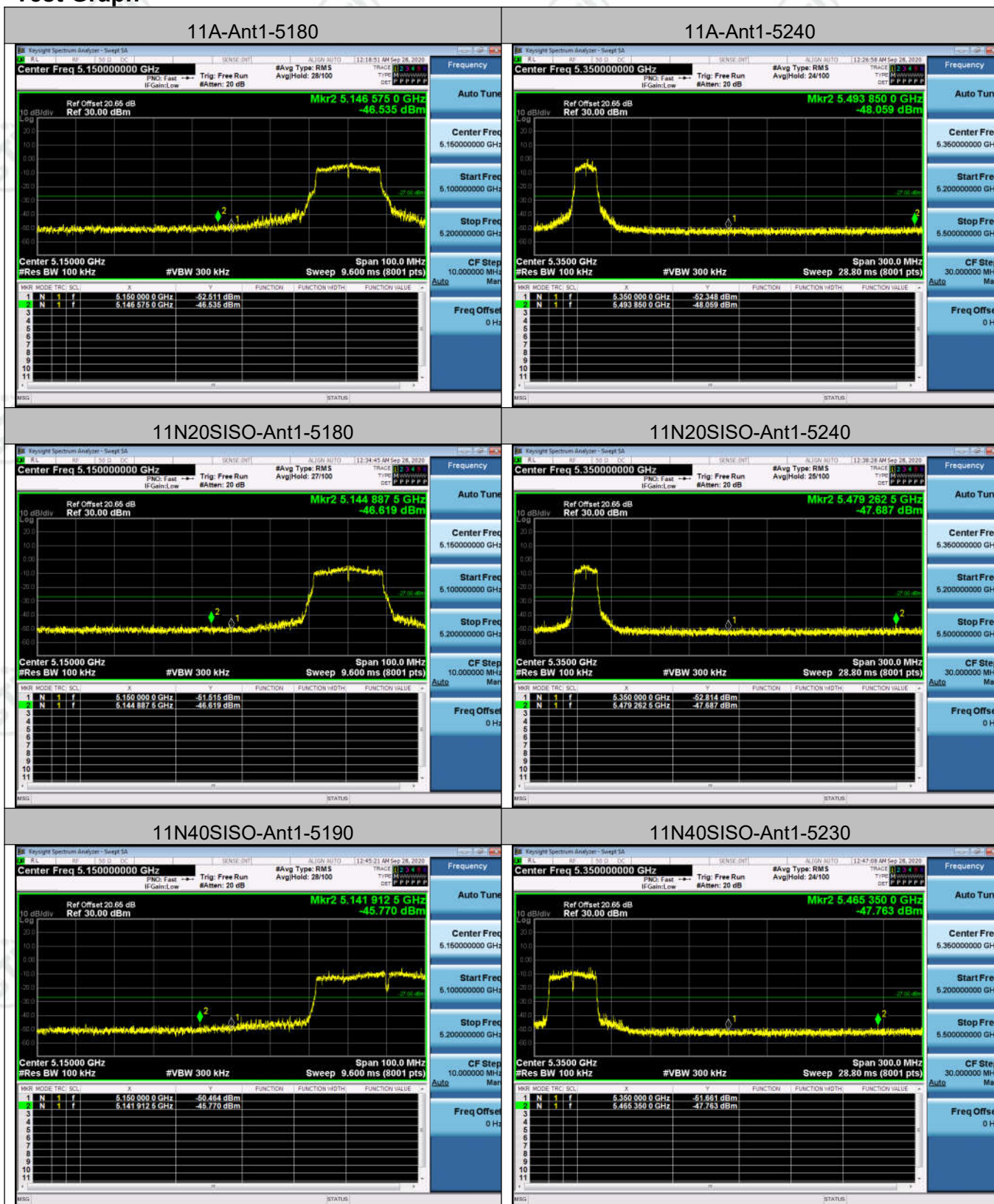
Result Table

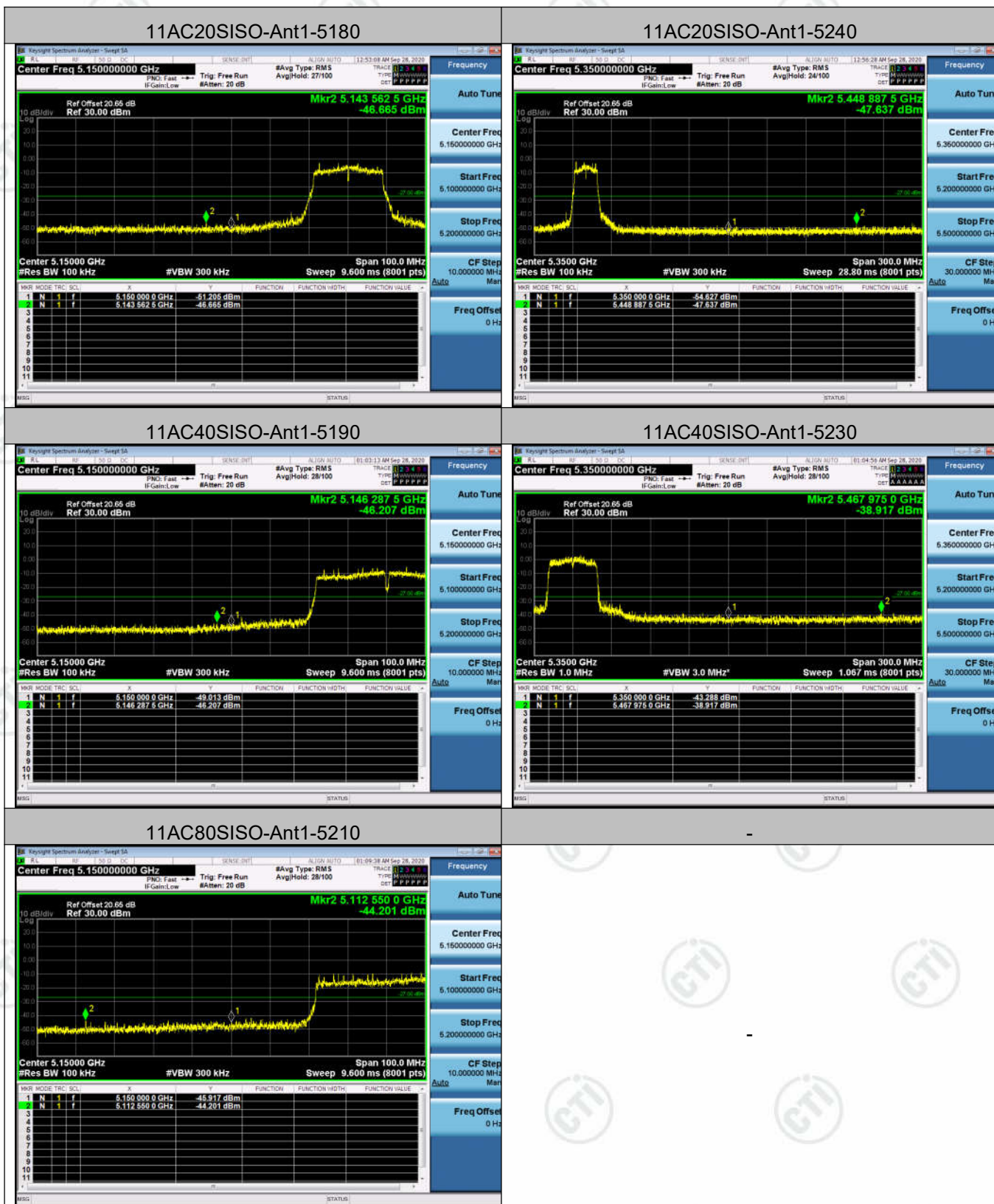
Test Mode	Antenna	Channel	Max.Level [dBm]	Verdict
11A	Ant1	5180	-46.535	PASS
11A	Ant1	5240	-48.059	PASS
11N20SISO	Ant1	5180	-46.619	PASS
11N20SISO	Ant1	5240	-47.687	PASS
11N40SISO	Ant1	5190	-50.464	PASS
11N40SISO	Ant1	5230	-51.661	PASS
11AC20SISO	Ant1	5180	-46.665	PASS
11AC20SISO	Ant1	5240	-47.637	PASS
11AC40SISO	Ant1	5190	-49.013	PASS
11AC40SISO	Ant1	5230	-43.288	PASS
11AC80SISO	Ant1	5210	-45.917	PASS

Test Mode	Antenna	Ch Name	Channel	Freq Range [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-42.07	<=-9.17	PASS
				5700~5720	-41.27	<=14.18	PASS
				5720~5725	-39	<=24.47	PASS
				5760~5650	-42.57	<=-27	PASS
		High	5825	5850~5855	-41.23	<=16.10	PASS
				5855~5875	-41.14	<=15.24	PASS
				5875~5925	-40.59	<=-20.16	PASS
				5925~5935	-41.77	<=-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-41.81	<=3.77	PASS
				5700~5720	-42.2	<=12.25	PASS
				5720~5725	-43.02	<=18.18	PASS
				5760~5650	-42.8	<=-27	PASS
		High	5825	5850~5855	-42.25	<=26.26	PASS
				5855~5875	-41.76	<=13.46	PASS
				5875~5925	-40.75	<=-2.78	PASS
				5925~5935	-40.85	<=-27	PASS

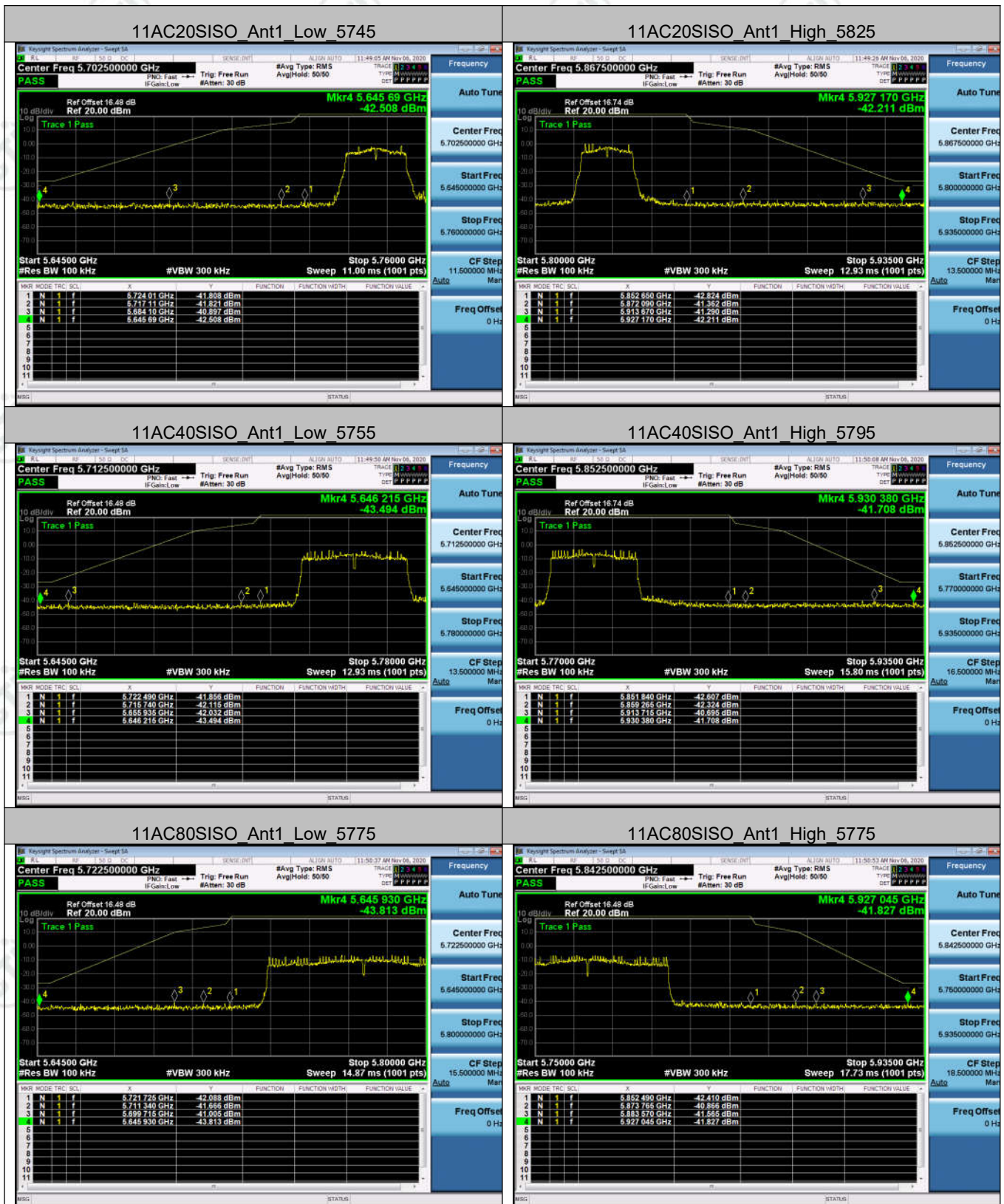
11N40SISO	Ant1	Low	5755	5650~5700	-41.36	<=-9.72	PASS
				5700~5720	-42.53	<=14.94	PASS
				5720~5725	-42.52	<=23.43	PASS
				5780~5650	-42.85	<=-27	PASS
		High	5795	5850~5855	-42.63	<=19.80	PASS
				5855~5875	-41.6	<=15.17	PASS
				5875~5925	-40.96	<=-15.69	PASS
				5925~5935	-41.94	<=-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-40.9	<=-1.77	PASS
				5700~5720	-41.82	<=14.79	PASS
				5720~5725	-41.81	<=24.73	PASS
				5760~5650	-42.51	<=-27	PASS
		High	5825	5850~5855	-42.82	<=21.64	PASS
				5855~5875	-41.36	<=14.79	PASS
				5875~5925	-41.29	<=1.62	PASS
				5925~5935	-42.21	<=-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-42.03	<=-22.61	PASS
				5700~5720	-42.12	<=14.41	PASS
				5720~5725	-41.86	<=21.28	PASS
				5780~5650	-43.49	<=-27	PASS
		High	5795	5850~5855	-42.61	<=19.80	PASS
				5855~5875	-42.32	<=11.19	PASS
				5875~5925	-40.7	<=1.65	PASS
				5925~5935	-41.71	<=-27	PASS
11AC80SISO	Ant1	Low	5775	5650~5700	-41.01	<=9.79	PASS
				5700~5720	-41.67	<=13.18	PASS
				5720~5725	-42.09	<=19.53	PASS
				5800~5650	-43.81	<=-27	PASS
		High	5775	5850~5855	-42.41	<=21.28	PASS
				5855~5875	-40.87	<=15.25	PASS
				5875~5925	-41.57	<=-20.66	PASS
				5925~5935	-41.83	<=-27	PASS

Test Graph









Appendix E): Frequency Stability

Frequency Error vs. Voltage:

Voltage vs. Frequency Stability								
Test Mode	Test	Ant	Temp.	Volt.	Deviation[MHz]	Deviation[ppm]	Limit[ppm]	Verdict
11A	5180	Ant1	TN	VL	5180.06	11.58301	20	PASS
11A	5180	Ant1	TN	VN	5180.00	0.00000	20	PASS
11A	5180	Ant1	TN	VH	5180.05	8.68726	20	PASS
11A	5200	Ant1	TN	VL	5200.09	17.30769	20	PASS
11A	5200	Ant1	TN	VN	5200.05	8.65385	20	PASS
11A	5200	Ant1	TN	VH	5200.09	17.30769	20	PASS
11A	5240	Ant1	TN	VL	5240.02	2.86260	20	PASS
11A	5240	Ant1	TN	VN	5239.94	-11.45038	20	PASS
11A	5240	Ant1	TN	VH	5240.02	2.86260	20	PASS
11A	5745	Ant1	TN	VL	5745.06	10.44386	20	PASS
11A	5745	Ant1	TN	VN	5745.00	0.00000	20	PASS
11A	5745	Ant1	TN	VH	5744.94	-10.44386	20	PASS
11A	5785	Ant1	TN	VL	5784.97	-5.18583	20	PASS
11A	5785	Ant1	TN	VN	5785.00	0.00000	20	PASS
11A	5785	Ant1	TN	VH	5785.06	10.37165	20	PASS
11A	5825	Ant1	TN	VL	5825.03	5.15022	20	PASS
11A	5825	Ant1	TN	VN	5825.09	15.45064	20	PASS
11A	5825	Ant1	TN	VH	5825.06	10.30043	20	PASS
11N20	5180	Ant1	TN	VL	5180.00	0.00000	20	PASS
11N20	5180	Ant1	TN	VN	5180.02	2.89575	20	PASS
11N20	5180	Ant1	TN	VH	5179.93	-14.47876	20	PASS
11N20	5200	Ant1	TN	VL	5200.00	0.00000	20	PASS
11N20	5200	Ant1	TN	VN	5200.00	0.00000	20	PASS
11N20	5200	Ant1	TN	VH	5200.08	14.42308	20	PASS
11N20	5240	Ant1	TN	VL	5239.97	-5.72519	20	PASS
11N20	5240	Ant1	TN	VN	5240.06	11.45038	20	PASS
11N20	5240	Ant1	TN	VH	5240.03	5.72519	20	PASS
11N20	5745	Ant1	TN	VL	5745.08	13.05483	20	PASS
11N20	5745	Ant1	TN	VN	5745.08	13.05483	20	PASS
11N20	5745	Ant1	TN	VH	5745.03	5.22193	20	PASS
11N20	5785	Ant1	TN	VL	5785.08	12.96456	20	PASS
11N20	5785	Ant1	TN	VN	5785.03	5.18583	20	PASS
11N20	5785	Ant1	TN	VH	5785.00	0.00000	20	PASS

11N20	5825	Ant1	TN	VL	5825.00	0.00000	20	PASS
11N20	5825	Ant1	TN	VN	5825.06	10.30043	20	PASS
11N20	5825	Ant1	TN	VH	5825.09	15.45064	20	PASS
11N40	5190	Ant1	TN	VL	5190.09	17.34104	20	PASS
11N40	5190	Ant1	TN	VN	5190.00	0.00000	20	PASS
11N40	5190	Ant1	TN	VH	5190.00	0.00000	20	PASS
11N40	5230	Ant1	TN	VL	5230.06	11.47228	20	PASS
11N40	5230	Ant1	TN	VN	5230.06	11.47228	20	PASS
11N40	5230	Ant1	TN	VH	5230.06	11.47228	20	PASS
11N40	5755	Ant1	TN	VL	5755.06	10.42572	20	PASS
11N40	5755	Ant1	TN	VN	5755.06	10.42572	20	PASS
11N40	5755	Ant1	TN	VH	5755.12	20.85143	20	FAIL
11N40	5795	Ant1	TN	VL	5795.06	10.35375	20	PASS
11N40	5795	Ant1	TN	VN	5795.06	10.35375	20	PASS
11N40	5795	Ant1	TN	VH	5795.09	15.53063	20	PASS
11AC20	5180	Ant1	TN	VL	5179.97	-5.79151	20	PASS
11AC20	5180	Ant1	TN	VN	5179.93	-14.47876	20	PASS
11AC20	5180	Ant1	TN	VH	5180.00	0.00000	20	PASS
11AC20	5200	Ant1	TN	VL	5200.00	0.00000	20	PASS
11AC20	5200	Ant1	TN	VN	5200.00	0.00000	20	PASS
11AC20	5200	Ant1	TN	VH	5200.00	0.00000	20	PASS
11AC20	5240	Ant1	TN	VL	5239.93	-14.31298	20	PASS
11AC20	5240	Ant1	TN	VN	5240.03	5.72519	20	PASS
11AC20	5240	Ant1	TN	VH	5239.97	-5.72519	20	PASS
11AC20	5745	Ant1	TN	VL	5745.03	5.22193	20	PASS
11AC20	5745	Ant1	TN	VN	5745.03	5.22193	20	PASS
11AC20	5745	Ant1	TN	VH	5744.99	-2.61097	20	PASS
11AC20	5785	Ant1	TN	VL	5785.05	7.77874	20	PASS
11AC20	5785	Ant1	TN	VN	5785.09	15.55748	20	PASS
11AC20	5785	Ant1	TN	VH	5785.09	15.55748	20	PASS
11AC20	5825	Ant1	TN	VL	5825.05	7.72532	20	PASS
11AC20	5825	Ant1	TN	VN	5825.05	7.72532	20	PASS
11AC20	5825	Ant1	TN	VH	5825.11	18.02575	20	PASS
11AC40	5190	Ant1	TN	VL	5190.04	7.70713	20	PASS
11AC40	5190	Ant1	TN	VN	5190.00	0.00000	20	PASS
11AC40	5190	Ant1	TN	VH	5190.00	0.00000	20	PASS
11AC40	5230	Ant1	TN	VL	5230.04	7.64818	20	PASS

11AC40	5230	Ant1	TN	VN	5229.92	-15.29637	20	PASS
11AC40	5230	Ant1	TN	VH	5230.00	0.00000	20	PASS
11AC40	5755	Ant1	TN	VL	5755.00	0.00000	20	PASS
11AC40	5755	Ant1	TN	VN	5755.08	13.90096	20	PASS
11AC40	5755	Ant1	TN	VH	5755.00	0.00000	20	PASS
11AC40	5795	Ant1	TN	VL	5795.00	0.00000	20	PASS
11AC40	5795	Ant1	TN	VN	5795.08	13.80500	20	PASS
11AC40	5795	Ant1	TN	VH	5795.08	13.80500	20	PASS
11AC80	5210	Ant1	TN	VL	5210.00	0.00000	20	PASS
11AC80	5210	Ant1	TN	VN	5210.00	0.00000	20	PASS
11AC80	5210	Ant1	TN	VH	5210.08	15.35509	20	PASS
11AC80	5775	Ant1	TN	VL	5775.08	13.85281	20	PASS
11AC80	5775	Ant1	TN	VN	5775.00	0.00000	20	PASS
11AC80	5775	Ant1	TN	VH	5775.08	13.85281	20	PASS

Frequency Error vs. Temperature:

Temperature vs. Frequency Stability								
Test Mode	Test	Ant	Volt.	Temp.	Deviation[MHz]	Deviation[ppm]	Limit[ppm]	Verdict
11A	5180	Ant1	VN	-30	5180.09	17.37452	20	PASS
11A	5180	Ant1	VN	-20	5179.96	-8.68726	20	PASS
11A	5180	Ant1	VN	-10	5180.09	17.37452	20	PASS
11A	5180	Ant1	VN	0	5180.05	8.68726	20	PASS
11A	5180	Ant1	VN	10	5180.06	11.58301	20	PASS
11A	5180	Ant1	VN	20	5180.02	2.89575	20	PASS
11A	5180	Ant1	VN	30	5180.09	17.37452	20	PASS
11A	5180	Ant1	VN	40	5180.02	2.89575	20	PASS
11A	5180	Ant1	VN	50	5180.02	2.89575	20	PASS
11A	5200	Ant1	VN	-30	5200.03	5.76923	20	PASS
11A	5200	Ant1	VN	-20	5200.02	2.88462	20	PASS
11A	5200	Ant1	VN	-10	5200.00	0.00000	20	PASS
11A	5200	Ant1	VN	0	5200.08	14.42308	20	PASS
11A	5200	Ant1	VN	10	5200.00	0.00000	20	PASS
11A	5200	Ant1	VN	20	5199.96	-8.65385	20	PASS
11A	5200	Ant1	VN	30	5200.02	2.88462	20	PASS
11A	5200	Ant1	VN	40	5200.02	2.88462	20	PASS
11A	5200	Ant1	VN	50	5200.02	2.88462	20	PASS
11A	5240	Ant1	VN	-30	5240.00	0.00000	20	PASS
11A	5240	Ant1	VN	-20	5240.06	11.45038	20	PASS
11A	5240	Ant1	VN	-10	5240.02	2.86260	20	PASS
11A	5240	Ant1	VN	0	5240.05	8.58779	20	PASS
11A	5240	Ant1	VN	10	5240.09	17.17557	20	PASS
11A	5240	Ant1	VN	20	5240.03	5.72519	20	PASS
11A	5240	Ant1	VN	30	5239.99	-2.86260	20	PASS
11A	5240	Ant1	VN	40	5240.00	0.00000	20	PASS
11A	5240	Ant1	VN	50	5240.03	5.72519	20	PASS
11A	5745	Ant1	VN	-30	5745.09	15.66580	20	PASS
11A	5745	Ant1	VN	-20	5745.00	0.00000	20	PASS
11A	5745	Ant1	VN	-10	5745.03	5.22193	20	PASS
11A	5745	Ant1	VN	0	5745.00	0.00000	20	PASS
11A	5745	Ant1	VN	10	5745.00	0.00000	20	PASS
11A	5745	Ant1	VN	20	5745.03	5.22193	20	PASS
11A	5745	Ant1	VN	30	5745.00	0.00000	20	PASS

11A	5745	Ant1	VN	40	5745.09	15.66580	20	PASS
11A	5745	Ant1	VN	50	5745.00	0.00000	20	PASS
11A	5785	Ant1	VN	-30	5785.06	10.37165	20	PASS
11A	5785	Ant1	VN	-20	5785.02	2.59291	20	PASS
11A	5785	Ant1	VN	-10	5785.02	2.59291	20	PASS
11A	5785	Ant1	VN	0	5785.11	18.15039	20	PASS
11A	5785	Ant1	VN	10	5785.06	10.37165	20	PASS
11A	5785	Ant1	VN	20	5784.94	-10.37165	20	PASS
11A	5785	Ant1	VN	30	5785.06	10.37165	20	PASS
11A	5785	Ant1	VN	40	5785.08	12.96456	20	PASS
11A	5785	Ant1	VN	50	5785.09	15.55748	20	PASS
11A	5825	Ant1	VN	-30	5825.08	12.87554	20	PASS
11A	5825	Ant1	VN	-20	5825.09	15.45064	20	PASS
11A	5825	Ant1	VN	-10	5825.06	10.30043	20	PASS
11A	5825	Ant1	VN	0	5825.08	12.87554	20	PASS
11A	5825	Ant1	VN	10	5825.08	12.87554	20	PASS
11A	5825	Ant1	VN	20	5825.00	0.00000	20	PASS
11A	5825	Ant1	VN	30	5825.00	0.00000	20	PASS
11A	5825	Ant1	VN	40	5825.06	10.30043	20	PASS
11A	5825	Ant1	VN	50	5825.08	12.87554	20	PASS
11N20	5180	Ant1	VN	-30	5179.96	-8.68726	20	PASS
11N20	5180	Ant1	VN	-20	5180.08	14.47876	20	PASS
11N20	5180	Ant1	VN	-10	5180.09	17.37452	20	PASS
11N20	5180	Ant1	VN	0	5179.91	-17.37452	20	PASS
11N20	5180	Ant1	VN	10	5180.08	14.47876	20	PASS
11N20	5180	Ant1	VN	20	5180.08	14.47876	20	PASS
11N20	5180	Ant1	VN	30	5180.08	14.47876	20	PASS
11N20	5180	Ant1	VN	40	5179.99	-2.89575	20	PASS
11N20	5180	Ant1	VN	50	5180.08	14.47876	20	PASS
11N20	5200	Ant1	VN	-30	5200.09	17.30769	20	PASS
11N20	5200	Ant1	VN	-20	5200.06	11.53846	20	PASS
11N20	5200	Ant1	VN	-10	5200.09	17.30769	20	PASS
11N20	5200	Ant1	VN	0	5200.06	11.53846	20	PASS
11N20	5200	Ant1	VN	10	5200.09	17.30769	20	PASS
11N20	5200	Ant1	VN	20	5199.94	-11.53846	20	PASS
11N20	5200	Ant1	VN	30	5200.00	0.00000	20	PASS
11N20	5200	Ant1	VN	40	5199.96	-8.65385	20	PASS

11N20	5200	Ant1	VN	50	5200.05	8.65385	20	PASS
11N20	5240	Ant1	VN	-30	5240.03	5.72519	20	PASS
11N20	5240	Ant1	VN	-20	5240.09	17.17557	20	PASS
11N20	5240	Ant1	VN	-10	5240.03	5.72519	20	PASS
11N20	5240	Ant1	VN	0	5240.05	8.58779	20	PASS
11N20	5240	Ant1	VN	10	5240.08	14.31298	20	PASS
11N20	5240	Ant1	VN	20	5240.09	17.17557	20	PASS
11N20	5240	Ant1	VN	30	5240.03	5.72519	20	PASS
11N20	5240	Ant1	VN	40	5239.94	-11.45038	20	PASS
11N20	5240	Ant1	VN	50	5239.96	-8.58779	20	PASS
11N20	5745	Ant1	VN	-30	5745.09	15.66580	20	PASS
11N20	5745	Ant1	VN	-20	5239.94	-11.45038	20	PASS
11N20	5745	Ant1	VN	-10	5745.08	13.05483	20	PASS
11N20	5745	Ant1	VN	0	5745.02	2.61097	20	PASS
11N20	5745	Ant1	VN	10	5745.08	13.05483	20	PASS
11N20	5745	Ant1	VN	20	5745.02	2.61097	20	PASS
11N20	5745	Ant1	VN	30	5745.11	18.27676	20	PASS
11N20	5745	Ant1	VN	40	5745.06	10.44386	20	PASS
11N20	5745	Ant1	VN	50	5745.05	7.83290	20	PASS
11N20	5785	Ant1	VN	-30	5785.00	0.00000	20	PASS
11N20	5785	Ant1	VN	-20	5785.08	12.96456	20	PASS
11N20	5785	Ant1	VN	-10	5785.00	0.00000	20	PASS
11N20	5785	Ant1	VN	0	5785.09	15.55748	20	PASS
11N20	5785	Ant1	VN	10	5785.06	10.37165	20	PASS
11N20	5785	Ant1	VN	20	5785.09	15.55748	20	PASS
11N20	5785	Ant1	VN	30	5785.06	10.37165	20	PASS
11N20	5785	Ant1	VN	40	5785.06	10.37165	20	PASS
11N20	5785	Ant1	VN	50	5785.03	5.18583	20	PASS
11N20	5825	Ant1	VN	-30	5825.09	15.45064	20	PASS
11N20	5825	Ant1	VN	-20	5825.09	15.45064	20	PASS
11N20	5825	Ant1	VN	-10	5825.09	15.45064	20	PASS
11N20	5825	Ant1	VN	0	5825.05	7.72532	20	PASS
11N20	5825	Ant1	VN	10	5825.05	7.72532	20	PASS
11N20	5825	Ant1	VN	20	5824.94	-10.30043	20	PASS
11N20	5825	Ant1	VN	30	5824.94	-10.30043	20	PASS
11N20	5825	Ant1	VN	40	5825.08	12.87554	20	PASS
11N20	5825	Ant1	VN	50	5825.09	15.45064	20	PASS

11N40	5190	Ant1	VN	-30	5190.09	17.34104	20	PASS
11N40	5190	Ant1	VN	-20	5190.09	17.34104	20	PASS
11N40	5190	Ant1	VN	-10	5190.09	17.34104	20	PASS
11N40	5190	Ant1	VN	0	5190.03	5.78035	20	PASS
11N40	5190	Ant1	VN	10	5190.09	17.34104	20	PASS
11N40	5190	Ant1	VN	20	5190.06	11.56069	20	PASS
11N40	5190	Ant1	VN	30	5190.09	17.34104	20	PASS
11N40	5190	Ant1	VN	40	5190.06	11.56069	20	PASS
11N40	5190	Ant1	VN	50	5190.06	11.56069	20	PASS
11N40	5230	Ant1	VN	-30	5230.06	11.47228	20	PASS
11N40	5230	Ant1	VN	-20	5230.06	11.47228	20	PASS
11N40	5230	Ant1	VN	-10	5230.03	5.73614	20	PASS
11N40	5230	Ant1	VN	0	5230.09	17.20841	20	PASS
11N40	5230	Ant1	VN	10	5230.06	11.47228	20	PASS
11N40	5230	Ant1	VN	20	5230.09	17.20841	20	PASS
11N40	5230	Ant1	VN	30	5230.09	17.20841	20	PASS
11N40	5230	Ant1	VN	40	5230.09	17.20841	20	PASS
11N40	5230	Ant1	VN	50	5230.00	0.00000	20	PASS
11N40	5755	Ant1	VN	-30	5755.03	5.21286	20	PASS
11N40	5755	Ant1	VN	-20	5755.09	15.63858	20	PASS
11N40	5755	Ant1	VN	-10	5755.03	5.21286	20	PASS
11N40	5755	Ant1	VN	0	5755.09	15.63858	20	PASS
11N40	5755	Ant1	VN	10	5755.03	5.21286	20	PASS
11N40	5755	Ant1	VN	20	5755.09	15.63858	20	PASS
11N40	5755	Ant1	VN	30	5755.03	5.21286	20	PASS
11N40	5755	Ant1	VN	40	5755.03	5.21286	20	PASS
11N40	5755	Ant1	VN	50	5755.03	5.21286	20	PASS
11N40	5795	Ant1	VN	-30	5795.09	15.53063	20	PASS
11N40	5795	Ant1	VN	-20	5795.06	10.35375	20	PASS
11N40	5795	Ant1	VN	-10	5795.03	5.17688	20	PASS
11N40	5795	Ant1	VN	0	5795.03	5.17688	20	PASS
11N40	5795	Ant1	VN	10	5795.03	5.17688	20	PASS
11N40	5795	Ant1	VN	20	5795.06	10.35375	20	PASS
11N40	5795	Ant1	VN	30	5795.03	5.17688	20	PASS
11N40	5795	Ant1	VN	40	5795.03	5.17688	20	PASS
11N40	5795	Ant1	VN	50	5795.03	5.17688	20	PASS
11AC20	5180	Ant1	VN	-30	5180.02	2.89575	20	PASS

11AC20	5180	Ant1	VN	-20	5180.02	2.89575	20	PASS
11AC20	5180	Ant1	VN	-10	5179.97	-5.79151	20	PASS
11AC20	5180	Ant1	VN	0	5180.08	14.47876	20	PASS
11AC20	5180	Ant1	VN	10	5179.97	-5.79151	20	PASS
11AC20	5180	Ant1	VN	20	5180.02	2.89575	20	PASS
11AC20	5180	Ant1	VN	30	5180.02	2.89575	20	PASS
11AC20	5180	Ant1	VN	40	5180.02	2.89575	20	PASS
11AC20	5180	Ant1	VN	50	5180.02	2.89575	20	PASS
11AC20	5200	Ant1	VN	-30	5200.03	5.76923	20	PASS
11AC20	5200	Ant1	VN	-20	5200.02	2.88462	20	PASS
11AC20	5200	Ant1	VN	-10	5200.09	17.30769	20	PASS
11AC20	5200	Ant1	VN	0	5200.02	2.88462	20	PASS
11AC20	5200	Ant1	VN	10	5200.06	11.53846	20	PASS
11AC20	5200	Ant1	VN	20	5200.02	2.88462	20	PASS
11AC20	5200	Ant1	VN	30	5200.05	8.65385	20	PASS
11AC20	5200	Ant1	VN	40	5200.08	14.42308	20	PASS
11AC20	5200	Ant1	VN	50	5200.08	14.42308	20	PASS
11AC20	5240	Ant1	VN	-30	5239.97	-5.72519	20	PASS
11AC20	5240	Ant1	VN	-20	5240.06	11.45038	20	PASS
11AC20	5240	Ant1	VN	-10	5240.08	14.31298	20	PASS
11AC20	5240	Ant1	VN	0	5240.06	11.45038	20	PASS
11AC20	5240	Ant1	VN	10	5239.99	-2.86260	20	PASS
11AC20	5240	Ant1	VN	20	5240.06	11.45038	20	PASS
11AC20	5240	Ant1	VN	30	5240.09	17.17557	20	PASS
11AC20	5240	Ant1	VN	40	5240.06	11.45038	20	PASS
11AC20	5240	Ant1	VN	50	5240.00	0.00000	20	PASS
11AC20	5745	Ant1	VN	-30	5745.11	18.27676	20	PASS
11AC20	5745	Ant1	VN	-20	5745.06	10.44386	20	PASS
11AC20	5745	Ant1	VN	-10	5745.09	15.66580	20	PASS
11AC20	5745	Ant1	VN	0	5745.05	7.83290	20	PASS
11AC20	5745	Ant1	VN	10	5744.99	-2.61097	20	PASS
11AC20	5745	Ant1	VN	20	5745.00	0.00000	20	PASS
11AC20	5745	Ant1	VN	30	5745.02	2.61097	20	PASS
11AC20	5745	Ant1	VN	40	5745.08	13.05483	20	PASS
11AC20	5745	Ant1	VN	50	5745.00	0.00000	20	PASS
11AC20	5785	Ant1	VN	-30	5785.02	2.59291	20	PASS
11AC20	5785	Ant1	VN	-20	5785.02	2.59291	20	PASS

11AC20	5785	Ant1	VN	-10	5785.06	10.37165	20	PASS
11AC20	5785	Ant1	VN	0	5785.08	12.96456	20	PASS
11AC20	5785	Ant1	VN	10	5785.02	2.59291	20	PASS
11AC20	5785	Ant1	VN	20	5784.97	-5.18583	20	PASS
11AC20	5785	Ant1	VN	30	5785.08	12.96456	20	PASS
11AC20	5785	Ant1	VN	40	5785.06	10.37165	20	PASS
11AC20	5785	Ant1	VN	50	5785.00	0.00000	20	PASS
11AC20	5825	Ant1	VN	-30	5825.06	10.30043	20	PASS
11AC20	5825	Ant1	VN	-20	5825.00	0.00000	20	PASS
11AC20	5825	Ant1	VN	-10	5825.08	12.87554	20	PASS
11AC20	5825	Ant1	VN	0	5825.03	5.15022	20	PASS
11AC20	5825	Ant1	VN	10	5825.06	10.30043	20	PASS
11AC20	5825	Ant1	VN	20	5825.03	5.15022	20	PASS
11AC20	5825	Ant1	VN	30	5825.05	7.72532	20	PASS
11AC20	5825	Ant1	VN	40	5825.03	5.15022	20	PASS
11AC20	5825	Ant1	VN	50	5825.09	15.45064	20	PASS
11AC40	5190	Ant1	VN	-30	5190.08	15.41426	20	PASS
11AC40	5190	Ant1	VN	-20	5190.08	15.41426	20	PASS
11AC40	5190	Ant1	VN	-10	5190.08	15.41426	20	PASS
11AC40	5190	Ant1	VN	0	5190.08	15.41426	20	PASS
11AC40	5190	Ant1	VN	10	5190.08	15.41426	20	PASS
11AC40	5190	Ant1	VN	20	5190.08	15.41426	20	PASS
11AC40	5190	Ant1	VN	30	5190.08	15.41426	20	PASS
11AC40	5190	Ant1	VN	40	5190.08	15.41426	20	PASS
11AC40	5190	Ant1	VN	50	5189.96	-7.70713	20	PASS
11AC40	5230	Ant1	VN	-30	5230.08	15.29637	20	PASS
11AC40	5230	Ant1	VN	-20	5230.08	15.29637	20	PASS
11AC40	5230	Ant1	VN	-10	5230.04	7.64818	20	PASS
11AC40	5230	Ant1	VN	0	5230.04	7.64818	20	PASS
11AC40	5230	Ant1	VN	10	5230.04	7.64818	20	PASS
11AC40	5230	Ant1	VN	20	5230.04	7.64818	20	PASS
11AC40	5230	Ant1	VN	30	5230.08	15.29637	20	PASS
11AC40	5230	Ant1	VN	40	5230.08	15.29637	20	PASS
11AC40	5230	Ant1	VN	50	5230.08	15.29637	20	PASS
11AC40	5755	Ant1	VN	-30	5755.08	13.90096	20	PASS
11AC40	5755	Ant1	VN	-20	5755.04	6.95048	20	PASS
11AC40	5755	Ant1	VN	-10	5755.08	13.90096	20	PASS

11AC40	5755	Ant1	VN	0	5755.04	6.95048	20	PASS
11AC40	5755	Ant1	VN	10	5755.08	13.90096	20	PASS
11AC40	5755	Ant1	VN	20	5755.08	13.90096	20	PASS
11AC40	5755	Ant1	VN	30	5755.08	13.90096	20	PASS
11AC40	5755	Ant1	VN	40	5755.04	6.95048	20	PASS
11AC40	5755	Ant1	VN	50	5755.04	6.95048	20	PASS
11AC40	5795	Ant1	VN	-30	5795.08	13.80500	20	PASS
11AC40	5795	Ant1	VN	-20	5795.08	13.80500	20	PASS
11AC40	5795	Ant1	VN	-10	5795.08	13.80500	20	PASS
11AC40	5795	Ant1	VN	0	5795.08	13.80500	20	PASS
11AC40	5795	Ant1	VN	10	5795.08	13.80500	20	PASS
11AC40	5795	Ant1	VN	20	5795.08	13.80500	20	PASS
11AC40	5795	Ant1	VN	30	5794.96	-6.90250	20	PASS
11AC40	5795	Ant1	VN	40	5795.08	13.80500	20	PASS
11AC40	5795	Ant1	VN	50	5795.08	13.80500	20	PASS
11AC80	5210	Ant1	VN	-30	5210.08	15.35509	20	PASS
11AC80	5210	Ant1	VN	-20	5210.08	15.35509	20	PASS
11AC80	5210	Ant1	VN	-10	5210.00	0.00000	20	PASS
11AC80	5210	Ant1	VN	0	5210.08	15.35509	20	PASS
11AC80	5210	Ant1	VN	10	5210.08	15.35509	20	PASS
11AC80	5210	Ant1	VN	20	5210.00	0.00000	20	PASS
11AC80	5210	Ant1	VN	30	5210.08	15.35509	20	PASS
11AC80	5210	Ant1	VN	40	5210.08	15.35509	20	PASS
11AC80	5210	Ant1	VN	50	5209.92	-15.35509	20	PASS
11AC80	5775	Ant1	VN	-30	5775.08	13.85281	20	PASS
11AC80	5775	Ant1	VN	-20	5775.08	13.85281	20	PASS
11AC80	5775	Ant1	VN	-10	5775.08	13.85281	20	PASS
11AC80	5775	Ant1	VN	0	5775.08	13.85281	20	PASS
11AC80	5775	Ant1	VN	10	5775.08	13.85281	20	PASS
11AC80	5775	Ant1	VN	20	5775.08	13.85281	20	PASS
11AC80	5775	Ant1	VN	30	5775.08	13.85281	20	PASS
11AC80	5775	Ant1	VN	40	5774.92	-13.85281	20	PASS
11AC80	5775	Ant1	VN	50	5775.08	13.85281	20	PASS

Appendix F) Antenna Requirement

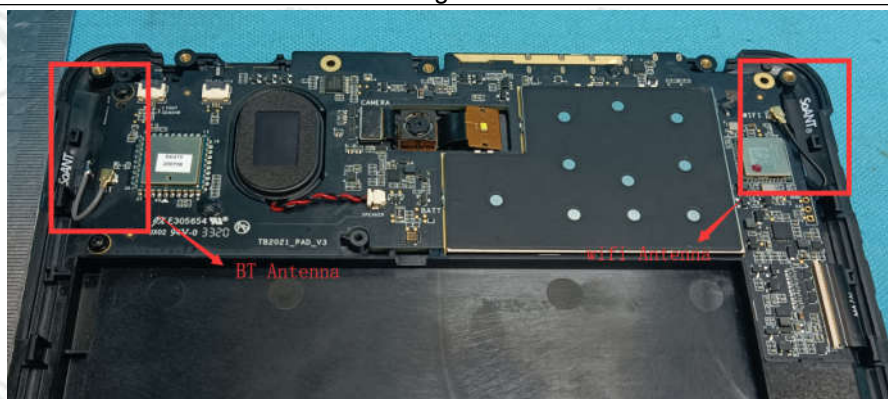
15.203 requirement:

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, 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.

15.407(a)(1) (2) requirement:

The conducted output power limit specified in paragraph (a) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (a) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power and the peak power spectral density shall be reduced by the by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:



The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 4.67dBi.

Appendix G) Operation in the absence of information to the transmit

15.407(c) requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signal ling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

Operation in the absence of information to the transmit

Operation never ceases as information from cell town is always present. (manufacturer declare)

Appendix H) AC Power Line Conducted Emission

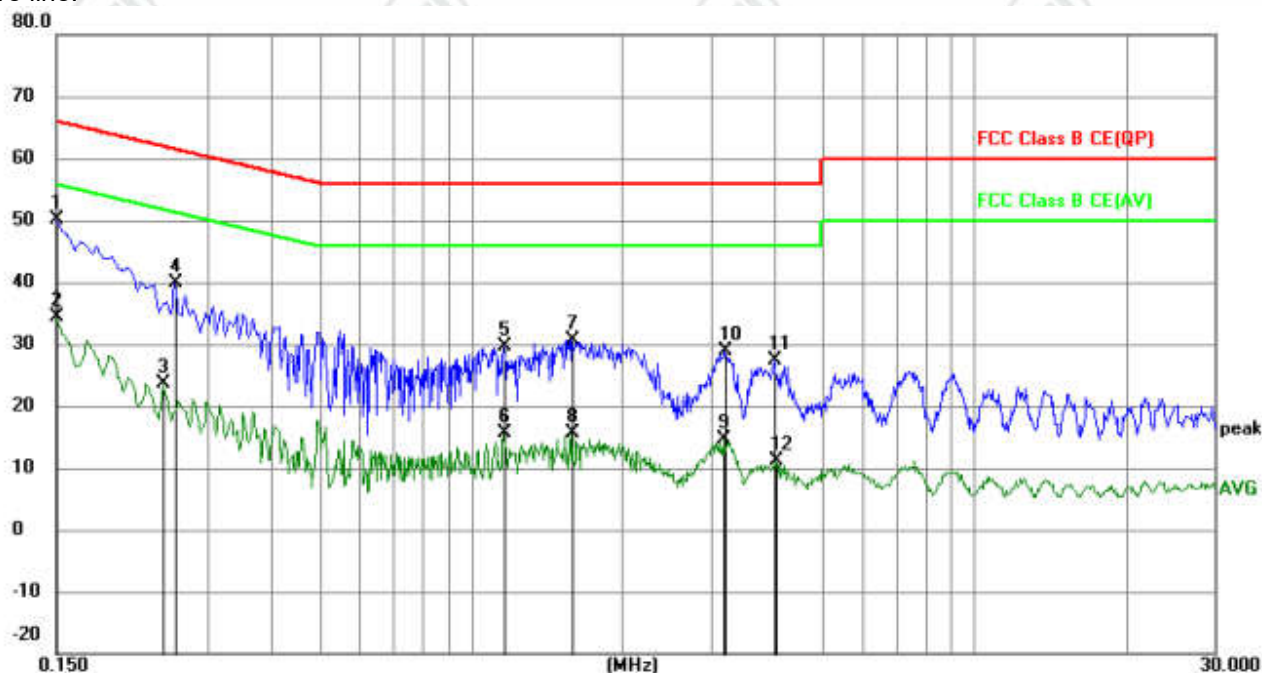
Test Procedure:	Test frequency range :150KHz-30MHz 1)The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3)The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.																
Limit:	<table><tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBμV)</th></tr><tr><th>Quasi-peak</th><th>Average</th></tr><tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr><tr><td>0.5-5</td><td>56</td><td>46</td></tr><tr><td>5-30</td><td>60</td><td>50</td></tr></table> * The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz. NOTE : The lower limit is applicable at the transition frequency			Frequency range (MHz)	Limit (dBμV)		Quasi-peak	Average	0.15-0.5	66 to 56*	56 to 46*	0.5-5	56	46	5-30	60	50
Frequency range (MHz)	Limit (dBμV)																
	Quasi-peak	Average															
0.15-0.5	66 to 56*	56 to 46*															
0.5-5	56	46															
5-30	60	50															

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live line:

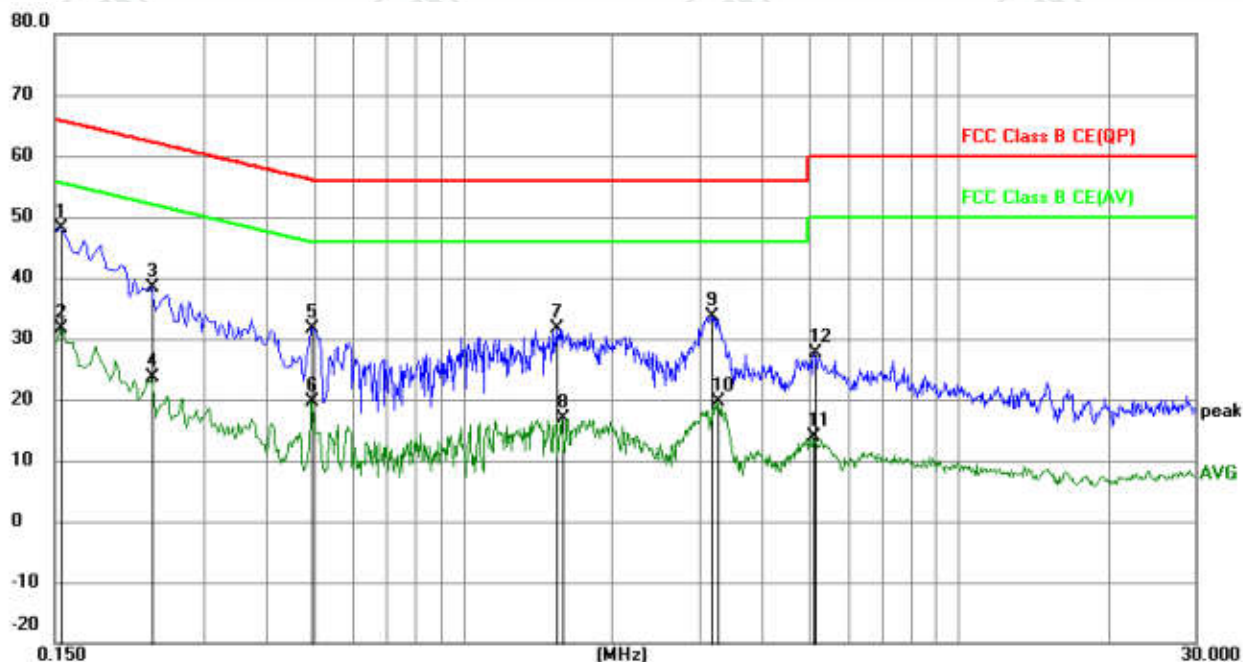


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1500	40.38	9.87	50.25	66.00	-15.75	QP	
2		0.1500	24.40	9.87	34.27	56.00	-21.73	AVG	
3		0.2445	13.57	9.96	23.53	51.94	-28.41	AVG	
4		0.2580	29.89	9.99	39.88	61.50	-21.62	QP	
5		1.1625	19.84	9.82	29.66	56.00	-26.34	QP	
6		1.1625	5.84	9.82	15.66	46.00	-30.34	AVG	
7		1.5900	20.78	9.81	30.59	56.00	-25.41	QP	
8		1.5900	5.88	9.81	15.69	46.00	-30.31	AVG	
9		3.1785	4.95	9.79	14.74	46.00	-31.26	AVG	
10		3.1920	19.03	9.79	28.82	56.00	-27.18	QP	
11		4.0065	17.68	9.78	27.46	56.00	-28.54	QP	
12		4.0335	1.43	9.78	11.21	46.00	-34.79	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)

Neutral line:



No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV	Limit dBμV	Margin dB	Detector	Comment
1	*	0.1545	38.30	9.87	48.17	65.75	-17.58	QP	
2		0.1545	21.74	9.87	31.61	55.75	-24.14	AVG	
3		0.2355	28.38	9.94	38.32	62.25	-23.93	QP	
4		0.2355	13.74	9.94	23.68	52.25	-28.57	AVG	
5		0.4965	21.72	9.95	31.67	56.06	-24.39	QP	
6		0.4965	9.69	9.95	19.64	46.06	-26.42	AVG	
7		1.5450	21.70	9.81	31.51	56.00	-24.49	QP	
8		1.5855	7.04	9.81	16.85	46.00	-29.15	AVG	
9		3.1829	23.91	9.79	33.70	56.00	-22.30	QP	
10		3.2640	9.78	9.79	19.57	46.00	-26.43	AVG	
11		5.0865	4.15	9.78	13.93	50.00	-36.07	AVG	
12		5.1359	17.74	9.78	27.52	60.00	-32.48	QP	

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.

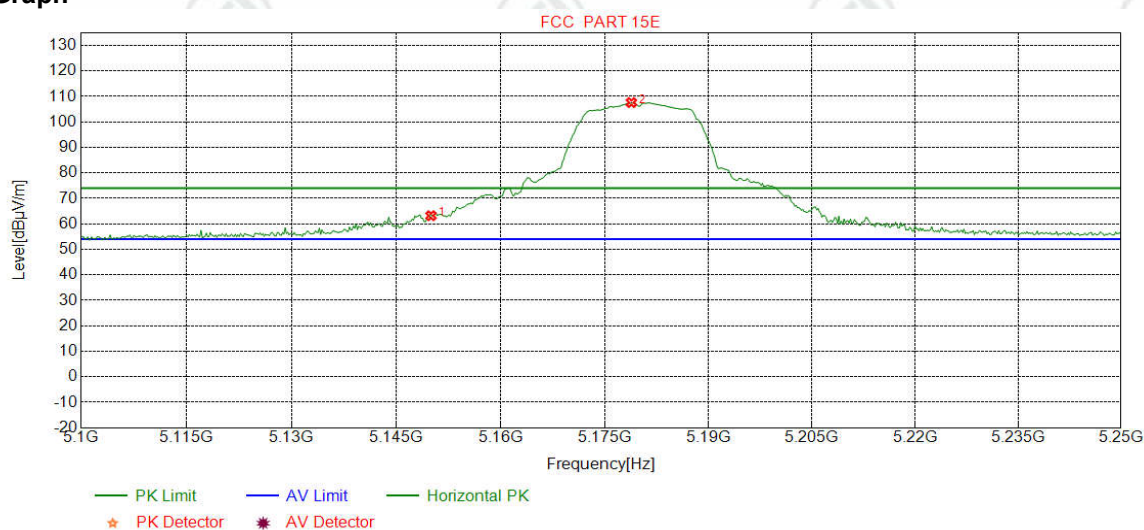
Appendix I) Restricted bands around fundamental frequency (Radiated Emission)

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Test Procedure:	Below 1GHz test procedure as below: - The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel Above 1GHz test procedure as below: - Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre). - Test the EUT in the lowest channel , the Highest channel - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.				
Limit:	Frequency	Limit (dBμV/m @3cm)		Remark	
	30MHz-88MHz	40.0		Quasi-peak Value	
	88MHz-216MHz	43.5		Quasi-peak Value	
	216MHz-960MHz	46.0		Quasi-peak Value	
	960MHz-1GHz	54.0		Quasi-peak Value	
	Above 1GHz	54.0		Average Value	
		74.0		Peak Value	

Test plot as follows:

Mode:	802.11 a Transmitting	Channel:	5180
Remark:	PK		

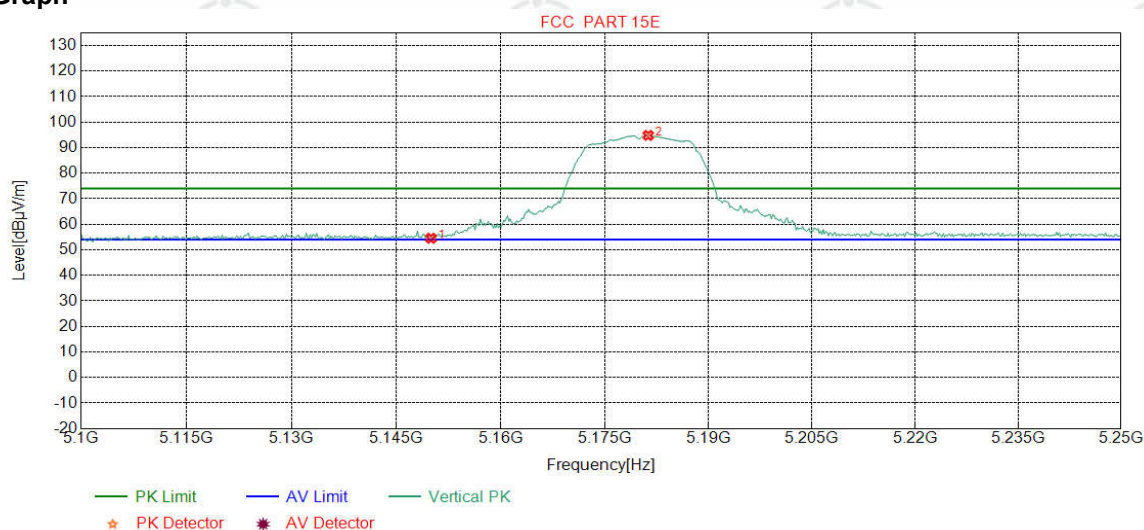
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	56.23	63.22	74.00	10.78	Pass	Horizontal
2	5178.8486	34.68	15.36	-42.73	100.31	107.62	74.00	-33.62	Pass	Horizontal

Mode:	802.11 a Transmitting	Channel:	5180
Remark:	PK		

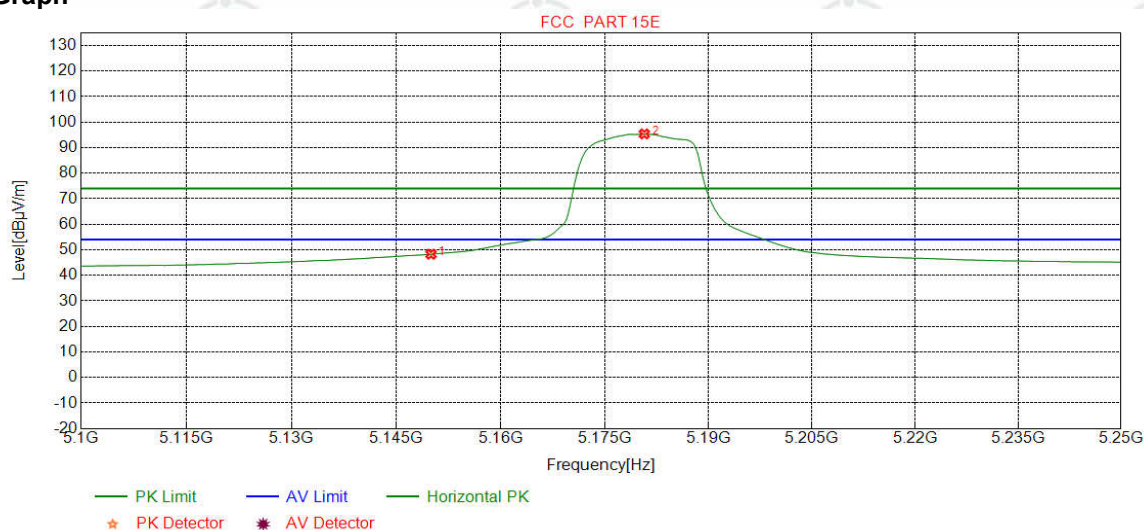
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	47.55	54.54	74.00	19.46	Pass	Vertical
2	5181.2891	34.68	15.39	-42.73	87.49	94.83	74.00	-20.83	Pass	Vertical

Mode:	802.11 a Transmitting	Channel:	5180
Remark:	AV		

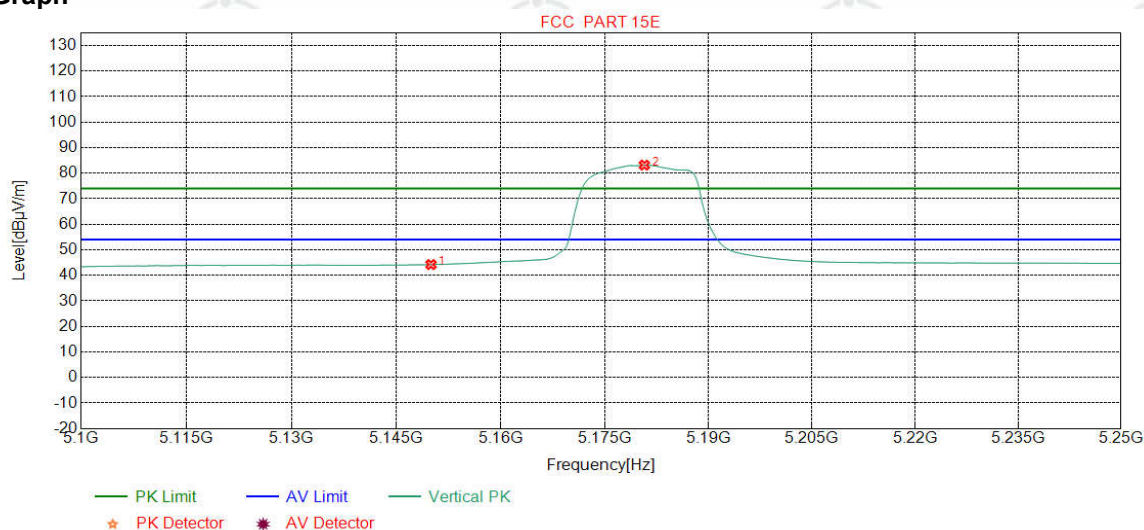
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	41.29	48.28	54.00	5.72	Pass	Horizontal
2	5180.7259	34.68	15.38	-42.73	88.08	95.41	54.00	-41.41	Pass	Horizontal

Mode:	802.11 a Transmitting	Channel:	5180
Remark:	AV		

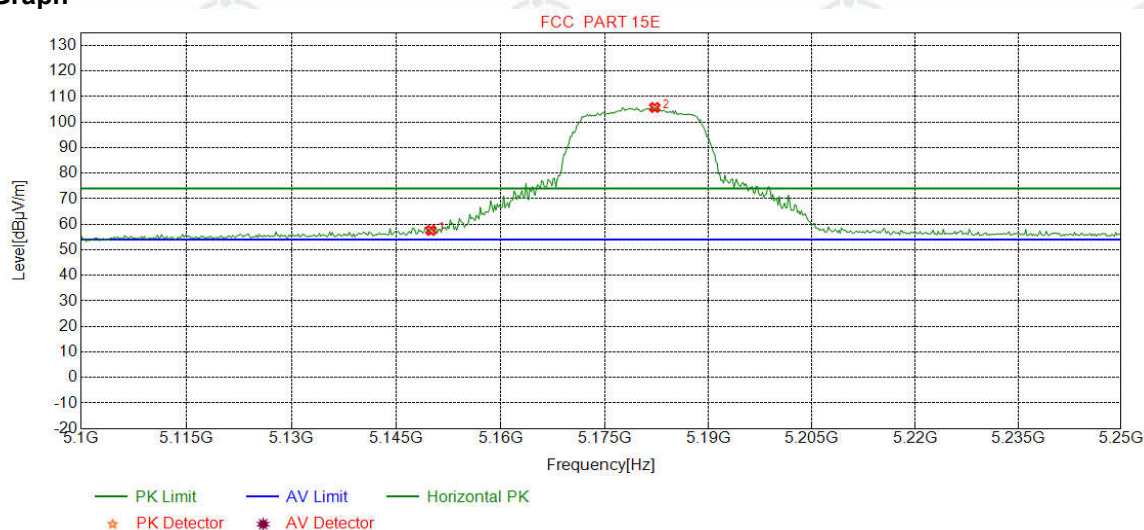
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	37.25	44.24	54.00	9.76	Pass	Vertical
2	5180.7259	34.68	15.38	-42.73	75.85	83.18	54.00	-29.18	Pass	Vertical

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	PK		

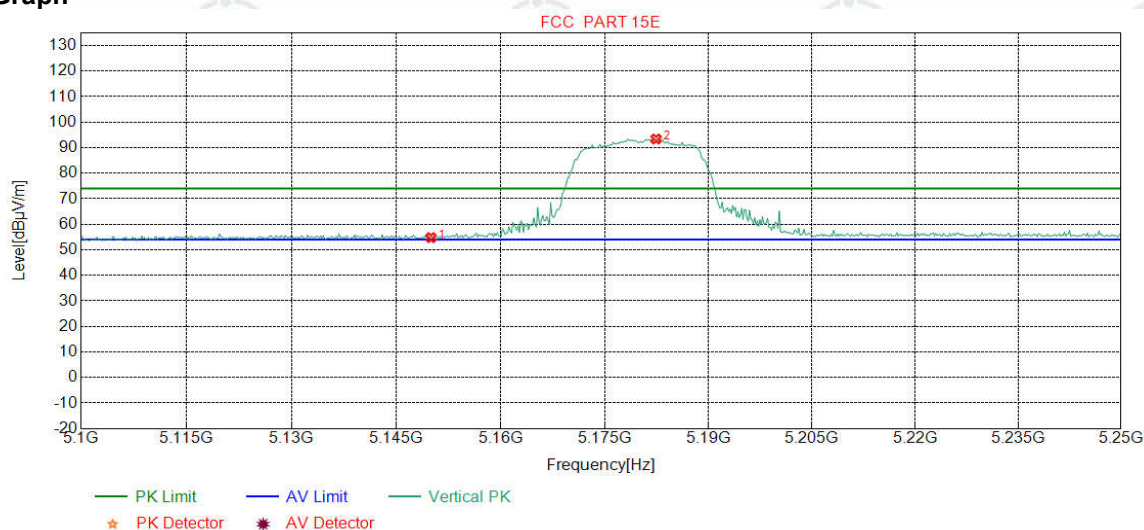
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	50.61	57.60	74.00	16.40	Pass	Horizontal
2	5182.2278	34.68	15.40	-42.73	98.41	105.76	74.00	-31.76	Pass	Horizontal

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	PK		

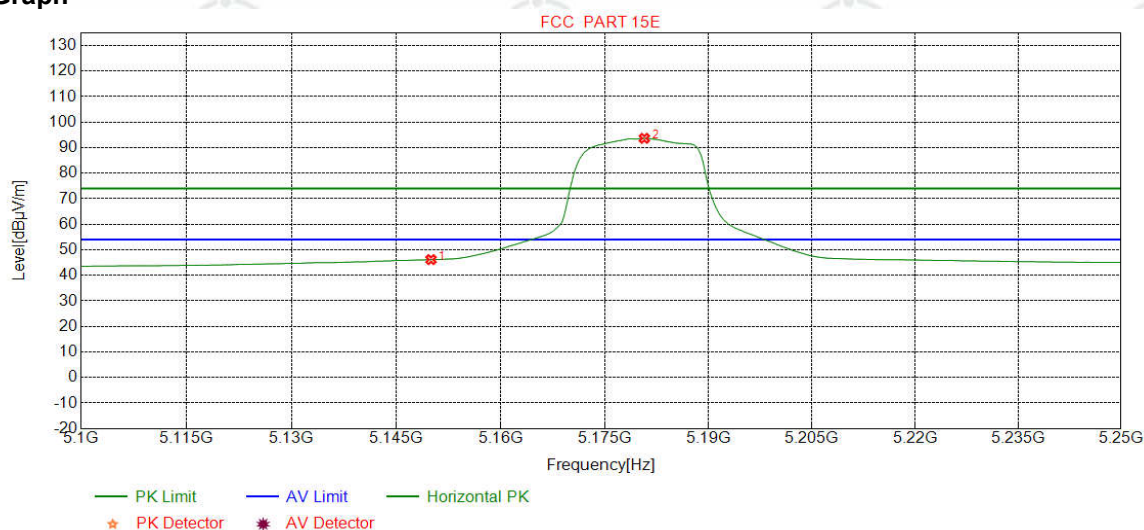
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	47.80	54.79	74.00	19.21	Pass	Vertical
2	5182.4155	34.68	15.40	-42.73	86.07	93.42	74.00	-19.42	Pass	Vertical

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	AV		

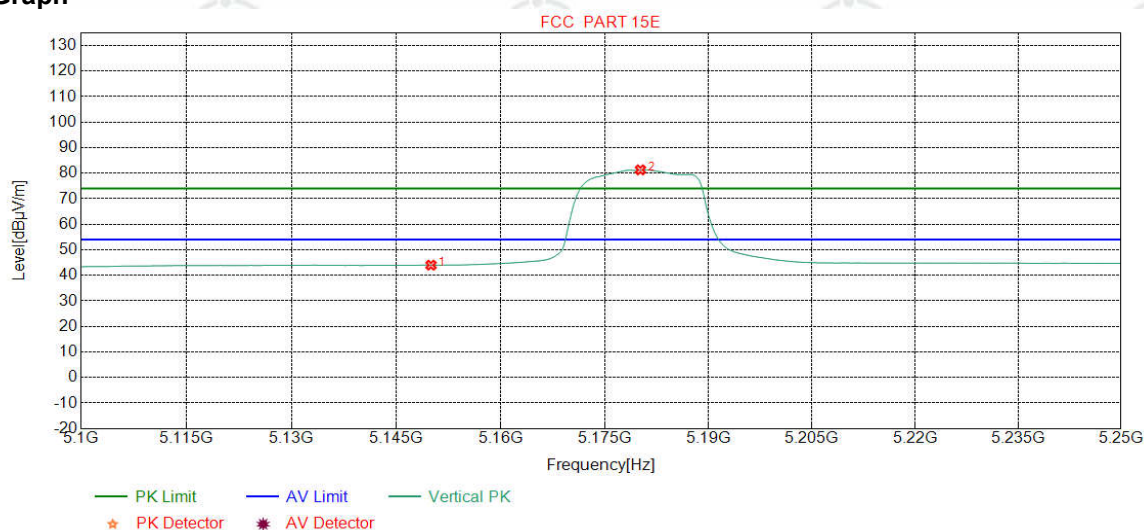
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	39.19	46.18	54.00	7.82	Pass	Horizontal
2	5180.7259	34.68	15.38	-42.73	86.36	93.69	54.00	-39.69	Pass	Horizontal

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	AV		

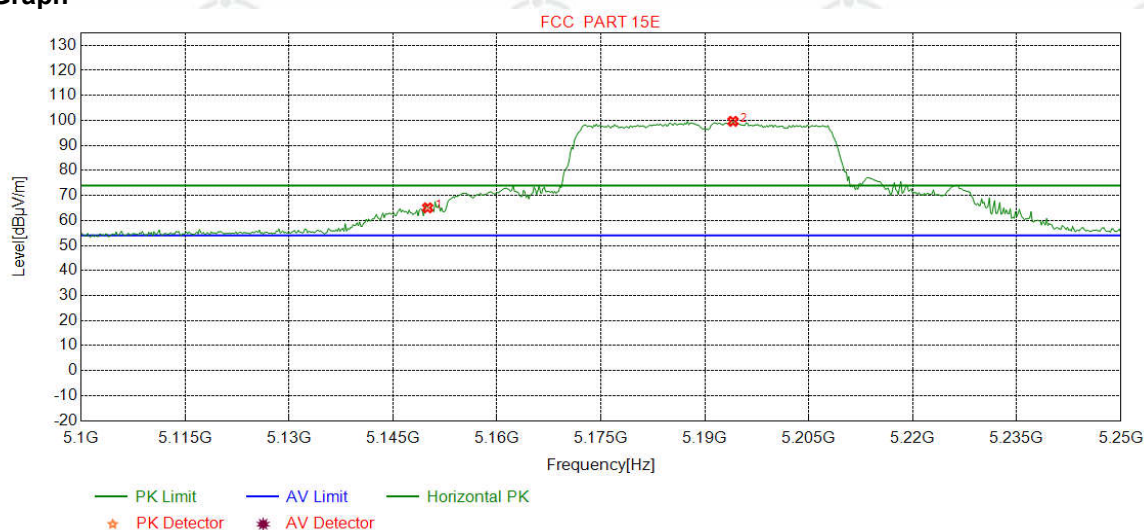
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	37.01	44.00	54.00	10.00	Pass	Vertical
2	5180.1627	34.68	15.38	-42.73	73.99	81.32	54.00	-27.32	Pass	Vertical

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	PK		

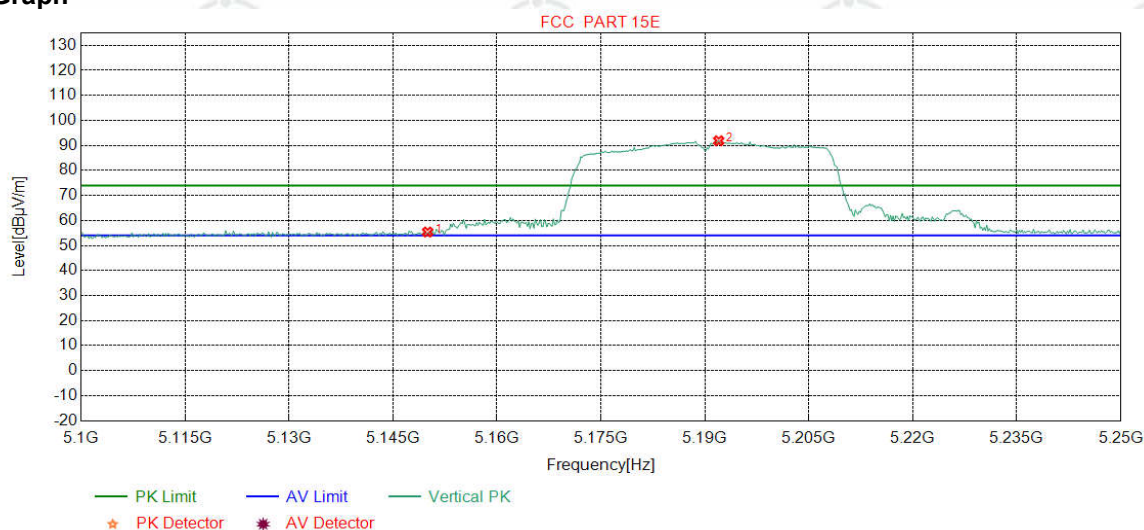
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	58.07	65.06	74.00	8.94	Pass	Horizontal
2	5194.0551	34.69	15.51	-42.72	92.15	99.63	74.00	-25.63	Pass	Horizontal

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	PK		

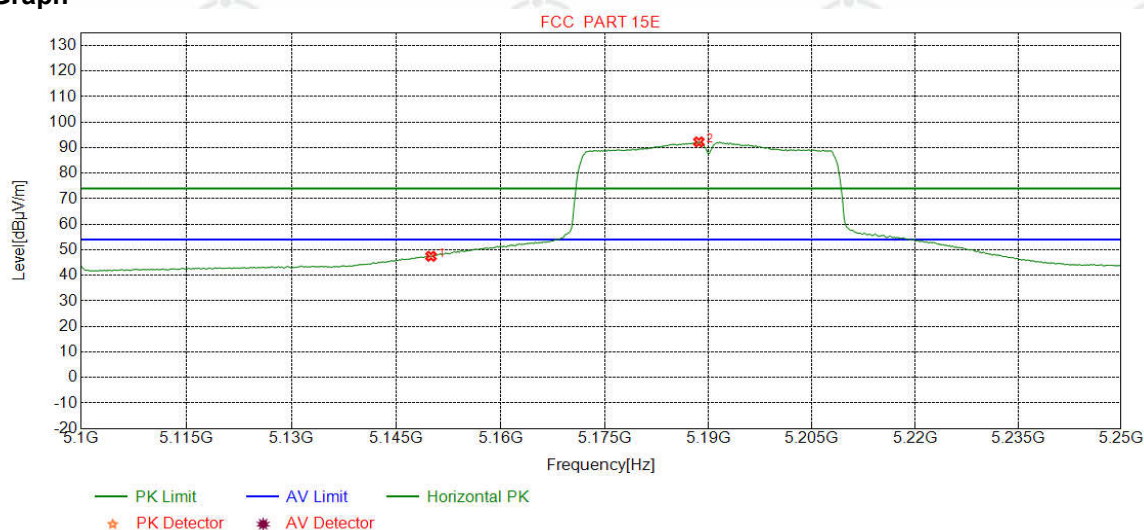
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	48.41	55.40	74.00	18.60	Pass	Vertical
2	5191.9900	34.69	15.49	-42.72	84.40	91.86	74.00	-17.86	Pass	Vertical

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	AV		

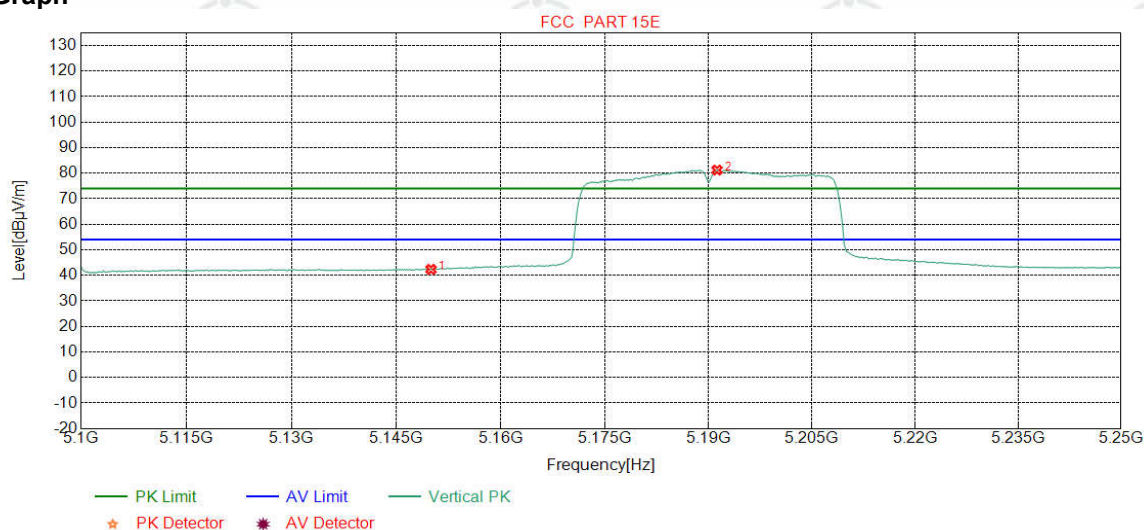
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	40.50	47.49	54.00	6.51	Pass	Horizontal
2	5188.6108	34.69	15.46	-42.73	84.87	92.29	54.00	-38.29	Pass	Horizontal

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	AV		

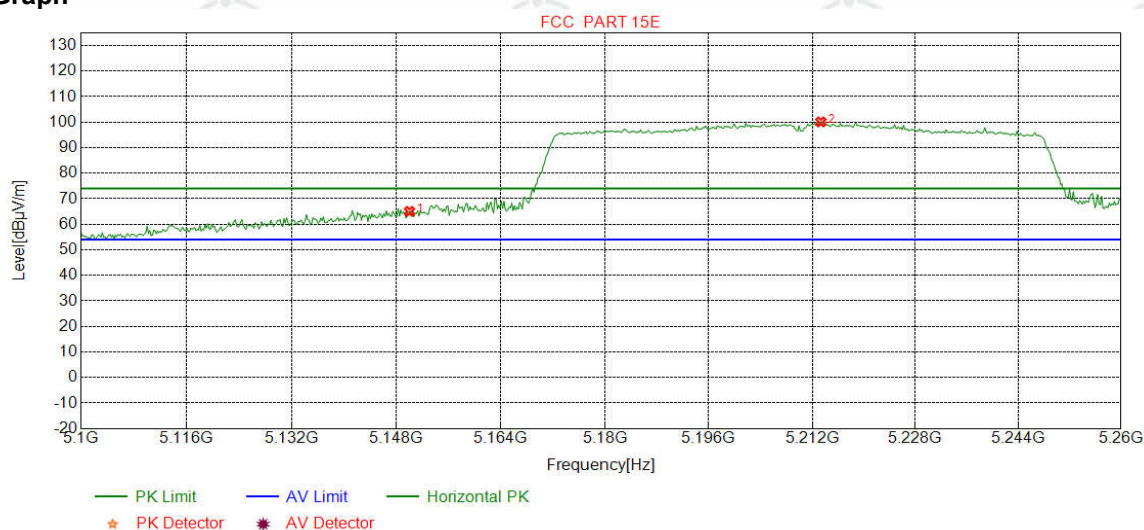
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	35.36	42.35	54.00	11.65	Pass	Vertical
2	5191.2390	34.69	15.48	-42.72	73.79	81.24	54.00	-27.24	Pass	Vertical

Mode:	802.11 ac(VHT80) Transmitting	Channel:	5210
Remark:	PK		

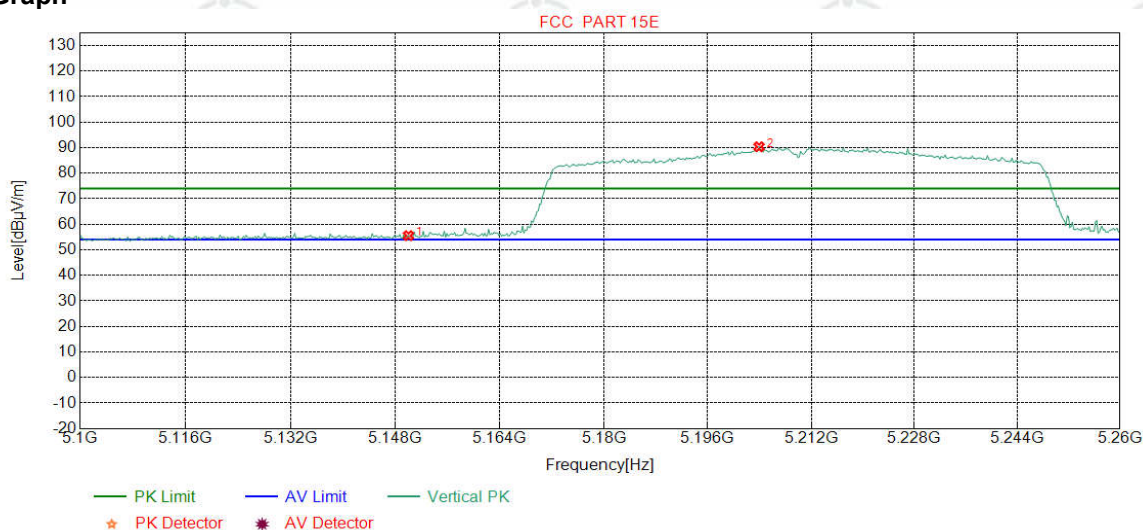
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	58.08	65.07	74.00	8.93	Pass	Horizontal
2	5213.3417	34.71	15.51	-42.71	92.61	100.12	74.00	-26.12	Pass	Horizontal

Mode:	802.11 ac(VHT80) Transmitting	Channel:	5210
Remark:	PK		

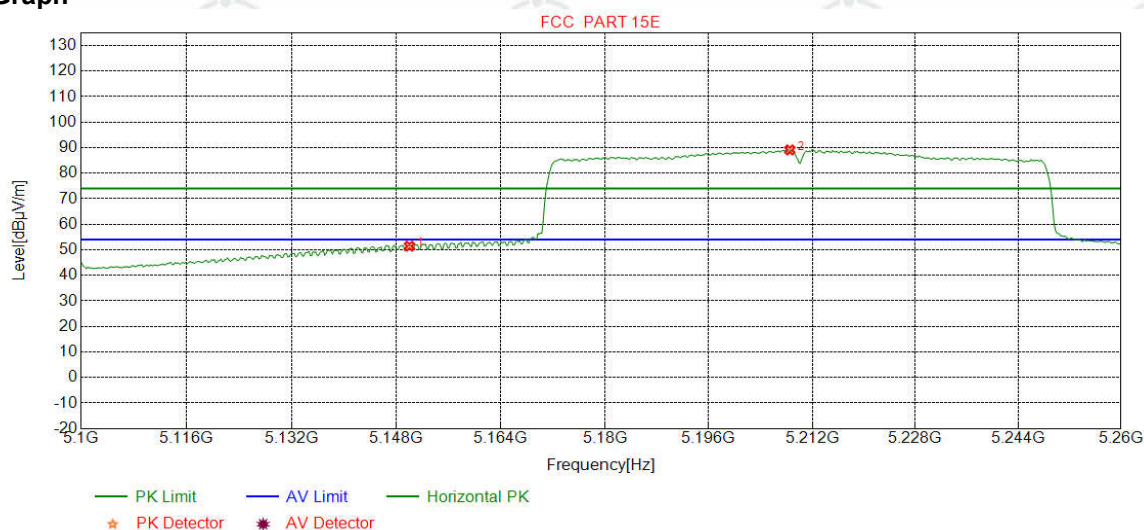
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	48.58	55.57	74.00	18.43	Pass	Vertical
2	5203.9299	34.70	15.55	-42.71	82.85	90.39	74.00	-16.39	Pass	Vertical

Mode:	802.11 ac(VHT80) Transmitting	Channel:	5210
Remark:	AV		

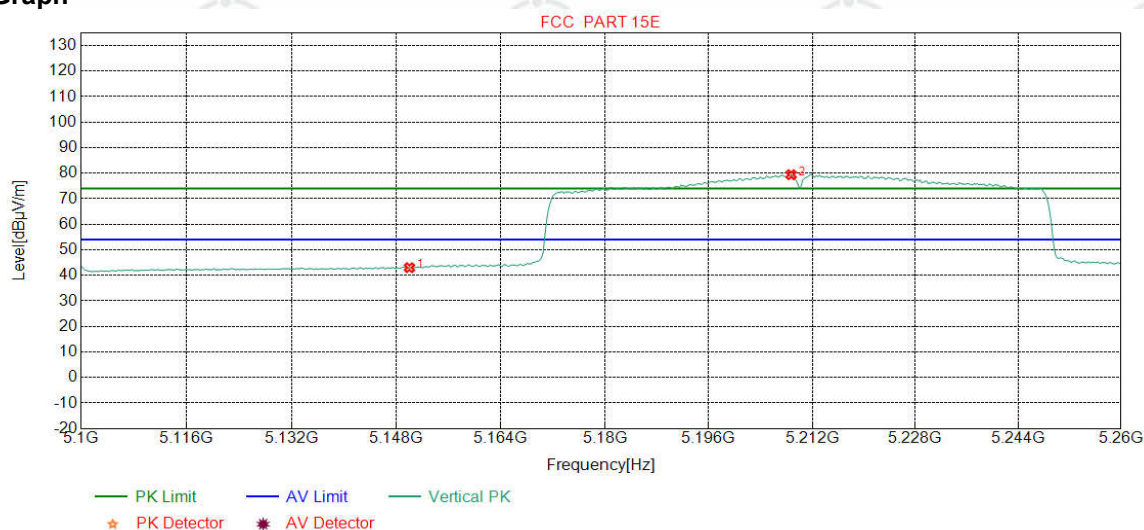
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	44.46	51.45	54.00	2.55	Pass	Horizontal
2	5208.5357	34.71	15.53	-42.72	81.62	89.14	54.00	-35.14	Pass	Horizontal

Mode:	802.11 ac(VHT80) Transmitting	Channel:	5210
Remark:	AV		

Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-42.74	36.04	43.03	54.00	10.97	Pass	Vertical
2	5208.7359	34.71	15.53	-42.72	71.91	79.43	54.00	-25.43	Pass	Vertical

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

Appendix I) Unwanted Emissions in the Restricted Bands (Radiated Emission)

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Test Procedure:					
Below 1GHz test procedure as below: a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.					
Above 1GHz test procedure as below: g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre) h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. j. Repeat above procedures until all frequencies measured was complete.					
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBµV/cm)	Remark	Measurement distance (cm)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
	Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.				
Test result: PASS					

Radiated Spurious Emissions test Data:

Radiated Emission below 1GHz

Mode:			802.11 a Transmitting					Channel:		5200	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	63.3713	10.72	0.91	-31.88	40.48	20.2	40.00	19.77	Pass	H	PK
2	116.9207	9.72	1.28	-32.06	41.35	20.2	43.50	23.21	Pass	H	PK
3	150.0010	7.55	1.45	-32.01	48.62	25.6	43.50	17.89	Pass	H	PK
4	304.0524	13.29	2.07	-31.60	42.69	26.4	46.00	19.55	Pass	H	PK
5	530.8611	17.62	2.76	-31.91	39.85	28.3	46.00	17.68	Pass	H	PK
6	873.0143	21.78	3.54	-31.72	34.92	28.5	46.00	17.48	Pass	H	PK
7	59.0059	11.76	0.89	-31.83	41.96	22.7	40.00	17.22	Pass	V	PK
8	150.0010	7.55	1.45	-32.01	53.44	30.4	43.50	13.07	Pass	V	PK
9	189.9690	9.95	1.61	-31.97	44.39	23.9	43.50	19.52	Pass	V	PK
10	304.0524	13.29	2.07	-31.60	42.46	26.2	46.00	19.78	Pass	V	PK
11	649.9890	19.40	3.10	-32.07	37.08	27.5	46.00	18.49	Pass	V	PK
12	875.0515	21.80	3.55	-31.70	33.41	27.0	46.00	18.94	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5785	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	36.5967	11.21	0.67	-31.38	37.63	18.13	40.00	21.87	Pass	H	PK
2	150.0010	7.55	1.45	-32.01	41.01	18.00	43.50	25.50	Pass	H	PK
3	214.9975	11.29	1.74	-31.95	40.01	21.09	43.50	22.41	Pass	H	PK
4	304.0524	13.29	2.07	-31.60	42.54	26.30	46.00	19.70	Pass	H	PK
5	600.0290	19.00	2.96	-31.50	34.96	25.42	46.00	20.58	Pass	H	PK
6	974.9715	22.55	3.75	-30.95	34.12	29.47	54.00	24.53	Pass	H	PK
7	55.9016	12.26	0.85	-31.93	39.61	20.79	40.00	19.21	Pass	V	PK
8	150.0010	7.55	1.45	-32.01	48.89	25.88	43.50	17.62	Pass	V	PK
9	189.9690	9.95	1.61	-31.97	45.41	25.00	43.50	18.50	Pass	V	PK
10	304.0524	13.29	2.07	-31.60	41.99	25.75	46.00	20.25	Pass	V	PK
11	600.0290	19.00	2.96	-31.50	35.38	25.84	46.00	20.16	Pass	V	PK
12	974.9715	22.55	3.75	-30.95	35.10	30.45	54.00	23.55	Pass	V	PK

Radiated Emission below 1GHz

Mode:			802.11 a Transmitting					Channel:		5180	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1592.9593	29.01	3.59	-42.91	55.52	45.21	74.00	28.79	Pass	H	PK
2	2132.0132	31.88	4.42	-43.17	58.72	51.85	74.00	22.15	Pass	H	PK
3	2590.0000	32.54	4.79	-43.10	47.39	41.62	74.00	32.38	Pass	H	PK
4	4266.7767	34.17	6.39	-42.89	50.05	47.72	74.00	26.28	Pass	H	PK
5	6484.5985	35.90	8.61	-42.51	49.43	51.43	74.00	22.57	Pass	H	PK
6	10360.0000	38.30	7.29	-42.03	46.40	49.96	74.00	24.04	Pass	H	PK
7	2132.0132	31.88	4.42	-43.17	58.04	51.17	74.00	22.83	Pass	V	PK
8	2590.0000	32.54	4.79	-43.10	48.31	42.54	74.00	31.46	Pass	V	PK
9	4260.1760	34.16	6.36	-42.89	53.95	51.58	74.00	22.42	Pass	V	PK
10	6469.1969	35.89	8.54	-42.50	49.28	51.21	74.00	22.79	Pass	V	PK
11	7765.6383	36.49	6.39	-42.15	49.16	49.89	74.00	24.11	Pass	V	PK
12	10360.0000	38.30	7.29	-42.03	47.31	50.87	74.00	23.13	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5200	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2123.7624	31.87	4.46	-43.18	58.76	51.91	74.00	22.09	Pass	H	PK
2	2600.0000	32.56	4.77	-43.10	47.20	41.43	74.00	32.57	Pass	H	PK
3	3995.0495	33.80	6.38	-43.01	50.15	47.32	74.00	26.68	Pass	H	PK
4	6019.2519	35.80	8.23	-42.59	49.95	51.39	74.00	22.61	Pass	H	PK
5	9113.5057	37.68	6.64	-42.02	49.76	52.06	74.00	21.94	Pass	H	PK
6	10400.0000	38.36	7.54	-42.02	47.89	51.77	74.00	22.23	Pass	H	PK
7	2128.7129	31.88	4.43	-43.17	59.83	52.97	74.00	21.03	Pass	V	PK
8	2600.0000	32.56	4.77	-43.10	48.34	42.57	74.00	31.43	Pass	V	PK
9	4266.7767	34.17	6.39	-42.89	51.45	49.12	74.00	24.88	Pass	V	PK
10	6369.0869	35.87	8.62	-42.52	49.16	51.13	74.00	22.87	Pass	V	PK
11	9329.7165	37.63	6.72	-42.07	49.30	51.58	74.00	22.42	Pass	V	PK
12	10400.0000	38.36	7.54	-42.02	46.62	50.50	74.00	23.50	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5240	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1660.0660	29.46	3.84	-42.76	54.37	44.91	74.00	29.09	Pass	H	PK
2	2129.2629	31.88	4.43	-43.17	58.74	51.88	74.00	22.12	Pass	H	PK
3	2620.0000	32.59	4.80	-43.10	47.87	42.16	74.00	31.84	Pass	H	PK
4	6493.3993	35.90	8.64	-42.50	49.65	51.69	74.00	22.31	Pass	H	PK
5	8825.9913	37.32	6.90	-42.01	48.53	50.74	74.00	23.26	Pass	H	PK
6	10480.0000	38.47	7.45	-42.00	47.84	51.76	74.00	22.24	Pass	H	PK
7	2125.4125	31.88	4.45	-43.18	56.67	49.82	74.00	24.18	Pass	V	PK
8	2620.0000	32.59	4.80	-43.10	47.36	41.65	74.00	32.35	Pass	V	PK
9	4259.0759	34.16	6.36	-42.90	53.44	51.06	74.00	22.94	Pass	V	PK
10	6408.1408	35.88	8.50	-42.51	49.26	51.13	74.00	22.87	Pass	V	PK
11	9026.6763	37.69	6.79	-42.00	49.15	51.63	74.00	22.37	Pass	V	PK
12	10480.0000	38.47	7.45	-42.00	46.05	49.97	74.00	24.03	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5180	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2127.6128	31.88	4.44	-43.18	58.43	51.57	74.00	22.43	Pass	H	PK
2	2590.0000	32.54	4.79	-43.10	48.05	42.28	74.00	31.72	Pass	H	PK
3	3944.9945	33.76	6.25	-43.01	49.95	46.95	74.00	27.05	Pass	H	PK
4	6497.7998	35.90	8.66	-42.50	49.22	51.28	74.00	22.72	Pass	H	PK
5	8987.5744	37.67	6.83	-41.99	49.19	51.70	74.00	22.30	Pass	H	PK
6	10360.000	38.30	7.29	-42.03	46.87	50.43	74.00	23.57	Pass	H	PK
7	2133.1133	31.89	4.41	-43.17	58.59	51.72	74.00	22.28	Pass	V	PK
8	2590.0000	32.54	4.79	-43.10	48.13	42.36	74.00	31.64	Pass	V	PK
9	4262.3762	34.17	6.37	-42.90	55.51	53.15	74.00	20.85	Pass	V	PK
10	6493.3993	35.90	8.64	-42.50	50.01	52.05	74.00	21.95	Pass	V	PK
11	9154.9077	37.67	6.62	-42.03	49.20	51.46	74.00	22.54	Pass	V	PK
12	10360.000	38.30	7.29	-42.03	47.72	51.28	74.00	22.72	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5200	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1596.2596	29.04	3.59	-42.91	52.91	42.63	74.00	31.37	Pass	H	PK
2	2133.1133	31.89	4.41	-43.17	58.21	51.34	74.00	22.66	Pass	H	PK
3	2600.0000	32.56	4.77	-43.10	48.46	42.69	74.00	31.31	Pass	H	PK
4	6495.5996	35.90	8.65	-42.50	49.81	51.86	74.00	22.14	Pass	H	PK
5	8964.5732	37.62	6.84	-41.99	48.86	51.33	74.00	22.67	Pass	H	PK
6	10400.0000	38.36	7.54	-42.02	46.81	50.69	74.00	23.31	Pass	H	PK
7	2125.9626	31.88	4.45	-43.18	57.01	50.16	74.00	23.84	Pass	V	PK
8	2600.0000	32.56	4.77	-43.10	47.78	42.01	74.00	31.99	Pass	V	PK
9	4253.5754	34.16	6.33	-42.90	52.63	50.22	74.00	23.78	Pass	V	PK
10	6443.3443	35.89	8.47	-42.52	49.84	51.68	74.00	22.32	Pass	V	PK
11	9235.4118	37.65	6.66	-42.04	48.89	51.16	74.00	22.84	Pass	V	PK
12	10400.0000	38.36	7.54	-42.02	47.53	51.41	74.00	22.59	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5240	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2132.0132	31.88	4.42	-43.17	59.98	53.11	74.00	20.89	Pass	H	PK
2	2620.0000	32.59	4.80	-43.10	49.18	43.47	74.00	30.53	Pass	H	PK
3	3999.4499	33.80	6.39	-43.00	50.18	47.37	74.00	26.63	Pass	H	PK
4	6353.6854	35.87	8.68	-42.53	49.47	51.49	74.00	22.51	Pass	H	PK
5	8035.3268	36.41	6.56	-42.18	49.35	50.14	74.00	23.86	Pass	H	PK
6	10480.0000	38.47	7.45	-42.00	47.42	51.34	74.00	22.66	Pass	H	PK
7	2129.8130	31.88	4.43	-43.17	58.13	51.27	74.00	22.73	Pass	V	PK
8	2620.0000	32.59	4.80	-43.10	46.81	41.10	74.00	32.90	Pass	V	PK
9	4247.5248	34.15	6.32	-42.91	53.36	50.92	74.00	23.08	Pass	V	PK
10	6500.0000	35.90	8.67	-42.50	49.08	51.15	74.00	22.85	Pass	V	PK
11	9315.3408	37.64	6.70	-42.07	49.04	51.31	74.00	22.69	Pass	V	PK
12	10480.0000	38.47	7.45	-42.00	46.17	50.09	74.00	23.91	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5190	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1327.8328	28.23	3.33	-42.76	53.17	41.97	74.00	32.03	Pass	H	PK
2	2132.0132	31.88	4.42	-43.17	51.98	45.11	74.00	28.89	Pass	H	PK
3	2595.0000	32.55	4.78	-43.10	47.53	41.76	74.00	32.24	Pass	H	PK
4	4016.5017	33.82	6.37	-42.99	49.76	46.96	74.00	27.04	Pass	H	PK
5	6492.8493	35.90	8.64	-42.50	49.08	51.12	74.00	22.88	Pass	H	PK
6	10380.0000	38.33	7.41	-42.02	47.79	51.51	74.00	22.49	Pass	H	PK
7	2128.7129	31.88	4.43	-43.17	56.33	49.47	74.00	24.53	Pass	V	PK
8	2595.0000	32.55	4.78	-43.10	48.52	42.75	74.00	31.25	Pass	V	PK
9	3985.1485	33.79	6.35	-43.01	51.35	48.48	74.00	25.52	Pass	V	PK
10	6499.4499	35.90	8.67	-42.50	49.35	51.42	74.00	22.58	Pass	V	PK
11	8980.0990	37.66	6.84	-42.01	48.22	50.71	74.00	23.29	Pass	V	PK
12	10380.0000	38.33	7.41	-42.02	46.55	50.27	74.00	23.73	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5230	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2132.5633	31.89	4.42	-43.18	59.59	52.72	74.00	21.28	Pass	H	PK
2	2615.0000	32.58	4.79	-43.09	47.35	41.63	74.00	32.37	Pass	H	PK
3	3986.2486	33.79	6.35	-43.00	50.51	47.65	74.00	26.35	Pass	H	PK
4	6492.8493	35.90	8.64	-42.50	49.34	51.38	74.00	22.62	Pass	H	PK
5	8822.5411	37.31	6.91	-42.00	48.38	50.60	74.00	23.40	Pass	H	PK
6	10460.000	38.44	7.49	-42.00	45.70	49.63	74.00	24.37	Pass	H	PK
7	2132.5633	31.89	4.42	-43.18	60.60	53.73	74.00	20.27	Pass	V	PK
8	2615.0000	32.58	4.79	-43.09	47.50	41.78	74.00	32.22	Pass	V	PK
9	4249.1749	34.15	6.32	-42.90	54.18	51.75	74.00	22.25	Pass	V	PK
10	6345.9846	35.87	8.67	-42.53	49.31	51.32	74.00	22.68	Pass	V	PK
11	9022.0761	37.70	6.79	-42.00	49.47	51.96	74.00	22.04	Pass	V	PK
12	10460.000	38.44	7.49	-42.00	46.28	50.21	74.00	23.79	Pass	V	PK

Mode:			802.11 ac(VHT80) Transmitting					Channel:		5210	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1331.1331	28.23	3.33	-42.75	53.96	42.77	74.00	31.23	Pass	H	PK
2	2128.1628	31.88	4.44	-43.18	59.61	52.75	74.00	21.25	Pass	H	PK
3	3188.6689	33.28	5.69	-43.11	51.31	47.17	74.00	26.83	Pass	H	PK
4	6498.3498	35.90	8.66	-42.50	49.10	51.16	74.00	22.84	Pass	H	PK
5	9361.3431	37.63	6.78	-42.07	48.73	51.07	74.00	22.93	Pass	H	PK
6	10420.0000	38.39	7.53	-42.02	47.89	51.79	74.00	22.21	Pass	H	PK
7	2130.3630	31.88	4.43	-43.18	57.73	50.86	74.00	23.14	Pass	V	PK
8	2605.0000	32.57	4.78	-43.10	47.41	41.66	74.00	32.34	Pass	V	PK
9	4265.6766	34.17	6.38	-42.89	55.39	53.05	74.00	20.95	Pass	V	PK
10	6476.8977	35.90	8.57	-42.51	49.24	51.20	74.00	22.80	Pass	V	PK
11	9300.3900	37.64	6.68	-42.06	49.02	51.28	74.00	22.72	Pass	V	PK
12	10420.0000	38.39	7.53	-42.02	48.51	52.41	74.00	21.59	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5745	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2124.8625	31.87	3.69	-43.17	60.63	53.02	74.00	20.98	Pass	H	PK
2	2872.5000	33.00	4.48	-43.10	48.08	42.46	74.00	31.54	Pass	H	PK
3	3830.0330	33.66	5.20	-43.03	50.66	46.49	74.00	27.51	Pass	H	PK
4	6500.0000	35.90	7.56	-42.50	49.54	50.50	74.00	23.50	Pass	H	PK
5	8726.5484	37.10	6.83	-42.00	48.26	50.19	74.00	23.81	Pass	H	PK
6	11490.0000	38.89	7.94	-42.00	46.72	51.55	74.00	22.45	Pass	H	PK
7	2124.8625	31.87	3.69	-43.17	56.99	49.38	74.00	24.62	Pass	V	PK
8	2872.5000	33.00	4.48	-43.10	48.01	42.39	74.00	31.61	Pass	V	PK
9	4262.3762	34.17	5.49	-42.90	54.00	50.76	74.00	23.24	Pass	V	PK
10	6462.0462	35.89	7.23	-42.50	49.36	49.98	74.00	24.02	Pass	V	PK
11	8909.7940	37.50	6.90	-42.00	49.15	51.55	74.00	22.45	Pass	V	PK
12	11490.0000	38.89	7.94	-42.00	46.31	51.14	74.00	22.86	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5785	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2124.3124	31.87	3.69	-43.17	57.57	49.96	74.00	24.04	Pass	H	PK
2	2892.5000	33.03	4.47	-43.10	48.07	42.47	74.00	31.53	Pass	H	PK
3	3856.4356	33.69	5.24	-43.04	53.00	48.89	74.00	25.11	Pass	H	PK
4	6490.6491	35.90	7.48	-42.50	49.58	50.46	74.00	23.54	Pass	H	PK
5	8823.9216	37.31	6.90	-41.99	49.69	51.91	74.00	22.09	Pass	H	PK
6	11570.0000	38.96	7.70	-41.99	45.95	50.62	74.00	23.38	Pass	H	PK
7	1596.2596	29.04	3.23	-42.92	52.09	41.44	74.00	32.56	Pass	V	PK
8	2125.9626	31.88	3.70	-43.18	56.09	48.49	74.00	25.51	Pass	V	PK
9	2892.5000	33.03	4.47	-43.10	46.88	41.28	74.00	32.72	Pass	V	PK
10	4259.0759	34.16	5.49	-42.89	52.09	48.85	74.00	25.15	Pass	V	PK
11	7535.0690	36.59	6.45	-42.12	48.69	49.61	74.00	24.39	Pass	V	PK
12	11570.0000	38.96	7.70	-41.99	48.53	53.20	74.00	20.80	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5825	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1597.3597	29.04	3.23	-42.91	54.38	43.74	74.00	30.26	Pass	H	PK
2	2129.2629	31.88	3.70	-43.17	57.87	50.28	74.00	23.72	Pass	H	PK
3	2910.3410	33.06	4.49	-43.10	52.34	46.79	74.00	27.21	Pass	H	PK
4	3883.3883	33.71	5.39	-43.02	52.41	48.49	74.00	25.51	Pass	H	PK
5	7626.3084	36.55	6.49	-42.13	48.67	49.58	74.00	24.42	Pass	H	PK
6	11650.0000	39.02	7.54	-41.97	46.35	50.94	74.00	23.06	Pass	H	PK
7	2123.2123	31.87	3.69	-43.17	54.98	47.37	74.00	26.63	Pass	V	PK
8	2912.5000	33.06	4.50	-43.10	46.97	41.43	74.00	32.57	Pass	V	PK
9	3993.9494	33.80	5.34	-43.00	54.18	50.32	74.00	23.68	Pass	V	PK
10	6481.2981	35.90	7.40	-42.51	49.03	49.82	74.00	24.18	Pass	V	PK
11	8919.7613	37.52	6.89	-42.00	49.11	51.52	74.00	22.48	Pass	V	PK
12	11650.0000	39.02	7.54	-41.97	46.67	51.26	74.00	22.74	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5745	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1595.1595	29.03	3.23	-42.92	52.62	41.96	74.00	32.04	Pass	H	PK
2	2128.7129	31.88	3.70	-43.17	56.17	48.58	74.00	25.42	Pass	H	PK
3	2872.5000	33.00	4.48	-43.10	47.06	41.44	74.00	32.56	Pass	H	PK
4	3830.0330	33.66	5.20	-43.03	50.68	46.51	74.00	27.49	Pass	H	PK
5	6496.1496	35.90	7.53	-42.50	49.50	50.43	74.00	23.57	Pass	H	PK
6	11490.0000	38.89	7.94	-42.00	47.26	52.09	74.00	21.91	Pass	H	PK
7	2128.7129	31.88	3.70	-43.17	56.75	49.16	74.00	24.84	Pass	V	PK
8	2872.5000	33.00	4.48	-43.10	47.23	41.61	74.00	32.39	Pass	V	PK
9	4259.6260	34.16	5.49	-42.89	50.71	47.47	74.00	26.53	Pass	V	PK
10	6485.6986	35.90	7.44	-42.51	49.17	50.00	74.00	24.00	Pass	V	PK
11	9006.4004	37.70	6.82	-42.00	49.63	52.15	74.00	21.85	Pass	V	PK
12	11490.0000	38.89	7.94	-42.00	45.71	50.54	74.00	23.46	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5785	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1992.2992	31.65	3.65	-43.18	54.49	46.61	74.00	27.39	Pass	H	PK
2	2892.5000	33.03	4.47	-43.10	47.57	41.97	74.00	32.03	Pass	H	PK
3	3856.9857	33.69	5.24	-43.03	51.79	47.69	74.00	26.31	Pass	H	PK
4	5028.0528	34.53	5.95	-42.79	51.63	49.32	74.00	24.68	Pass	H	PK
5	8512.6342	36.63	6.65	-42.00	49.24	50.52	74.00	23.48	Pass	H	PK
6	11570.0000	38.96	7.70	-41.99	44.93	49.60	74.00	24.40	Pass	H	PK
7	2125.4125	31.88	3.70	-43.18	55.96	48.36	74.00	25.64	Pass	V	PK
8	2892.5000	33.03	4.47	-43.10	47.30	41.70	74.00	32.30	Pass	V	PK
9	4253.0253	34.15	5.49	-42.89	54.94	51.69	74.00	22.31	Pass	V	PK
10	6480.7481	35.90	7.39	-42.50	49.69	50.48	74.00	23.52	Pass	V	PK
11	9339.1559	37.63	6.73	-42.07	49.14	51.43	74.00	22.57	Pass	V	PK
12	11570.0000	38.96	7.70	-41.99	45.76	50.43	74.00	23.57	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5825	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2132.5633	31.89	3.71	-43.18	59.34	51.76	74.00	22.24	Pass	H	PK
2	2912.5000	33.06	4.50	-43.10	47.84	42.30	74.00	31.70	Pass	H	PK
3	3883.3883	33.71	5.39	-43.02	53.18	49.26	74.00	24.74	Pass	H	PK
4	7371.7581	36.47	6.42	-42.12	49.05	49.82	74.00	24.18	Pass	H	PK
5	9429.6286	37.61	6.95	-42.08	48.76	51.24	74.00	22.76	Pass	H	PK
6	11650.0000	39.02	7.54	-41.97	48.33	52.92	74.00	21.08	Pass	H	PK
7	2125.9626	31.88	3.70	-43.18	58.39	50.79	74.00	23.21	Pass	V	PK
8	2912.5000	33.06	4.50	-43.10	48.20	42.66	74.00	31.34	Pass	V	PK
9	4646.3146	34.50	5.75	-42.80	51.18	48.63	74.00	25.37	Pass	V	PK
10	7506.7004	36.60	6.51	-42.10	49.31	50.32	74.00	23.68	Pass	V	PK
11	9326.8885	37.63	6.71	-42.06	49.14	51.42	74.00	22.58	Pass	V	PK
12	11650.0000	39.02	7.54	-41.97	47.69	52.28	74.00	21.72	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5755	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2125.9626	31.88	3.70	-43.18	59.91	52.31	74.00	21.69	Pass	H	PK
2	2877.5000	33.00	4.48	-43.10	47.55	41.93	74.00	32.07	Pass	H	PK
3	4262.3762	34.17	5.49	-42.90	50.53	47.29	74.00	26.71	Pass	H	PK
4	6490.6491	35.90	7.48	-42.50	48.97	49.85	74.00	24.15	Pass	H	PK
5	9181.9788	37.66	6.61	-42.04	49.49	51.72	74.00	22.28	Pass	H	PK
6	11510.0000	38.91	7.91	-42.00	46.25	51.07	74.00	22.93	Pass	H	PK
7	2131.4631	31.88	3.70	-43.17	55.90	48.31	74.00	25.69	Pass	V	PK
8	2877.5000	33.00	4.48	-43.10	48.05	42.43	74.00	31.57	Pass	V	PK
9	4265.1265	34.17	5.49	-42.89	53.38	50.15	74.00	23.85	Pass	V	PK
10	6486.2486	35.90	7.44	-42.50	49.33	50.17	74.00	23.83	Pass	V	PK
11	9099.9400	37.68	6.65	-42.02	48.61	50.92	74.00	23.08	Pass	V	PK
12	11510.0000	38.91	7.91	-42.00	45.92	50.74	74.00	23.26	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5795	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2132.5633	31.89	3.71	-43.18	55.35	47.77	74.00	26.23	Pass	H	PK
2	2897.5000	33.04	4.47	-43.10	48.62	43.03	74.00	30.97	Pass	H	PK
3	3863.0363	33.69	5.28	-43.03	51.72	47.66	74.00	26.34	Pass	H	PK
4	6495.0495	35.90	7.52	-42.50	49.11	50.03	74.00	23.97	Pass	H	PK
5	9224.9150	37.66	6.64	-42.05	50.06	52.31	74.00	21.69	Pass	H	PK
6	11590.0000	38.97	7.73	-41.98	45.54	50.26	74.00	23.74	Pass	H	PK
7	2130.3630	31.88	3.70	-43.17	57.14	49.55	74.00	24.45	Pass	V	PK
8	2897.5000	33.04	4.47	-43.10	47.40	41.81	74.00	32.19	Pass	V	PK
9	4256.8757	34.16	5.49	-42.90	54.38	51.13	74.00	22.87	Pass	V	PK
10	6496.1496	35.90	7.53	-42.50	49.22	50.15	74.00	23.85	Pass	V	PK
11	9319.2213	37.64	6.70	-42.06	48.84	51.12	74.00	22.88	Pass	V	PK
12	11590.0000	38.97	7.73	-41.98	45.12	49.84	74.00	24.16	Pass	V	PK

Mode:			802.11 ac(VHT80) Transmitting					Channel:		5775	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2133.1133	31.89	3.71	-43.18	59.07	51.49	74.00	22.51	Pass	H	PK
2	2887.5000	33.02	4.47	-43.09	47.02	41.42	74.00	32.58	Pass	H	PK
3	3849.8350	33.68	5.20	-43.03	52.14	47.99	74.00	26.01	Pass	H	PK
4	6489.5490	35.90	7.47	-42.50	48.86	49.73	74.00	24.27	Pass	H	PK
5	8908.2606	37.50	6.90	-42.00	49.13	51.53	74.00	22.47	Pass	H	PK
6	11550.0000	38.94	7.67	-41.99	45.61	50.23	74.00	23.77	Pass	H	PK
7	2123.2123	31.87	3.69	-43.17	54.23	46.62	74.00	27.38	Pass	V	PK
8	2887.5000	33.02	4.47	-43.09	47.15	41.55	74.00	32.45	Pass	V	PK
9	4265.1265	34.17	5.49	-42.89	51.43	48.20	74.00	25.80	Pass	V	PK
10	7543.5029	36.58	6.43	-42.11	49.11	50.01	74.00	23.99	Pass	V	PK
11	9238.7159	37.65	6.67	-42.05	49.02	51.29	74.00	22.71	Pass	V	PK
12	11550.0000	38.94	7.67	-41.99	46.55	51.17	74.00	22.83	Pass	V	PK

Radiated Emission below 18GHz

Mode:			802.11 a Transmitting					Channel:		5180	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20720.0000	38.72	0.00	-63.22	66.30	41.80	74.00	32.20	Pass	H	PK
2	25900.0000	40.43	0.00	-59.44	62.84	43.83	74.00	30.17	Pass	H	PK
3	29697.4279	40.68	0.00	-60.11	66.67	47.24	74.00	26.76	Pass	H	PK
4	31080.0000	41.34	0.00	-58.91	61.09	43.52	74.00	30.48	Pass	H	PK
5	36260.0000	43.14	0.00	-58.07	58.77	43.84	74.00	30.16	Pass	H	PK
6	38993.2397	44.46	0.00	-55.22	59.64	48.88	74.00	25.12	Pass	H	PK
7	20720.0000	38.72	0.00	-63.22	65.26	40.76	74.00	33.24	Pass	V	PK
8	24418.0967	40.40	0.00	-60.22	66.03	46.21	74.00	27.79	Pass	V	PK
9	25900.0000	40.43	0.00	-59.44	63.86	44.85	74.00	29.15	Pass	V	PK
10	27430.4572	40.05	0.00	-60.44	67.82	47.43	74.00	26.57	Pass	V	PK
11	31080.0000	41.34	0.00	-58.91	62.16	44.59	74.00	29.41	Pass	V	PK
12	36260.0000	43.14	0.00	-58.07	60.48	45.55	74.00	28.45	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5200	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20800.0000	38.69	0.00	-63.05	67.59	43.23	74.00	30.77	Pass	H	PK
2	23958.7183	40.12	0.00	-60.61	66.35	45.86	74.00	28.14	Pass	H	PK
3	26000.0000	40.40	0.00	-59.50	63.21	44.11	74.00	29.89	Pass	H	PK
4	29080.5232	40.34	0.00	-60.54	66.88	46.68	74.00	27.32	Pass	H	PK
5	31200.0000	41.43	0.00	-59.31	59.96	42.08	74.00	31.92	Pass	H	PK
6	36400.0000	43.12	0.00	-58.11	60.28	45.29	74.00	28.71	Pass	H	PK
7	20800.0000	38.69	0.00	-63.05	66.45	42.09	74.00	31.91	Pass	V	PK
8	24429.5372	40.40	0.00	-60.22	66.05	46.23	74.00	27.77	Pass	V	PK
9	26000.0000	40.40	0.00	-59.50	61.76	42.66	74.00	31.34	Pass	V	PK
10	29574.2230	40.62	0.00	-59.99	65.96	46.59	74.00	27.41	Pass	V	PK
11	31200.0000	41.43	0.00	-59.31	61.57	43.69	74.00	30.31	Pass	V	PK
12	36400.0000	43.12	0.00	-58.11	59.64	44.65	74.00	29.35	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5240	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20960.0000	38.63	0.00	-63.33	65.68	40.98	74.00	33.02	Pass	H	PK
2	24019.4408	40.18	0.00	-60.60	65.71	45.29	74.00	28.71	Pass	H	PK
3	26200.0000	40.40	0.00	-59.99	62.99	43.40	74.00	30.60	Pass	H	PK
4	31440.0000	41.61	0.00	-58.96	62.62	45.27	74.00	28.73	Pass	H	PK
5	36680.0000	43.10	0.00	-57.75	58.13	43.48	74.00	30.52	Pass	H	PK
6	39033.7213	44.45	0.00	-55.21	60.37	49.61	74.00	24.39	Pass	H	PK
7	20960.0000	38.63	0.00	-63.33	65.37	40.67	74.00	33.33	Pass	V	PK
8	23720.2288	39.80	0.00	-61.11	67.78	46.47	74.00	27.53	Pass	V	PK
9	26200.0000	40.40	0.00	-59.99	62.56	42.97	74.00	31.03	Pass	V	PK
10	31440.0000	41.61	0.00	-58.96	62.65	45.30	74.00	28.70	Pass	V	PK
11	36680.0000	43.10	0.00	-57.75	58.82	44.17	74.00	29.83	Pass	V	PK
12	39006.4403	44.47	0.00	-55.21	60.37	49.63	74.00	24.37	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5180	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20720.0000	38.72	0.00	-63.22	66.62	42.12	74.00	31.88	Pass	H	PK
2	23952.5581	40.11	0.00	-60.62	66.48	45.97	74.00	28.03	Pass	H	PK
3	25900.0000	40.43	0.00	-59.44	64.25	45.24	74.00	28.76	Pass	H	PK
4	31080.0000	41.34	0.00	-58.91	61.35	43.78	74.00	30.22	Pass	H	PK
5	32411.4565	42.05	0.00	-57.55	63.92	48.42	74.00	25.58	Pass	H	PK
6	36260.0000	43.14	0.00	-58.07	59.35	44.42	74.00	29.58	Pass	H	PK
7	20720.0000	38.72	0.00	-63.22	65.76	41.26	74.00	32.74	Pass	V	PK
8	24376.7351	40.37	0.00	-60.31	65.97	46.03	74.00	27.97	Pass	V	PK
9	25900.0000	40.43	0.00	-59.44	62.69	43.68	74.00	30.32	Pass	V	PK
10	31080.0000	41.34	0.00	-58.91	63.45	45.88	74.00	28.12	Pass	V	PK
11	36260.0000	43.14	0.00	-58.07	58.77	43.84	74.00	30.16	Pass	V	PK
12	39017.8807	44.46	0.00	-55.21	60.56	49.81	74.00	24.19	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5200	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20800.0000	38.69	0.00	-63.05	66.89	42.53	74.00	31.47	Pass	H	PK
2	23729.0292	39.81	0.00	-61.08	66.32	45.05	74.00	28.95	Pass	H	PK
3	26000.0000	40.40	0.00	-59.50	63.07	43.97	74.00	30.03	Pass	H	PK
4	27894.2358	39.69	0.00	-60.01	66.42	46.10	74.00	27.90	Pass	H	PK
5	31200.0000	41.43	0.00	-59.31	59.62	41.74	74.00	32.26	Pass	H	PK
6	36400.0000	43.12	0.00	-58.11	58.55	43.56	74.00	30.44	Pass	H	PK
7	20800.0000	38.69	0.00	-63.05	65.35	40.99	74.00	33.01	Pass	V	PK
8	23978.9592	40.14	0.00	-60.57	66.06	45.63	74.00	28.37	Pass	V	PK
9	26000.0000	40.40	0.00	-59.50	62.18	43.08	74.00	30.92	Pass	V	PK
10	29170.2868	40.39	0.00	-60.64	67.34	47.09	74.00	26.91	Pass	V	PK
11	31200.0000	41.43	0.00	-59.31	60.89	43.01	74.00	30.99	Pass	V	PK
12	36400.0000	43.12	0.00	-58.11	58.82	43.83	74.00	30.17	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5240	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20960.0000	38.63	0.00	-63.33	65.04	40.34	74.00	33.66	Pass	H	PK
2	24502.5801	40.44	0.00	-60.28	66.14	46.30	74.00	27.70	Pass	H	PK
3	26200.0000	40.40	0.00	-59.99	63.75	44.16	74.00	29.84	Pass	H	PK
4	31440.0000	41.61	0.00	-58.96	60.45	43.10	74.00	30.90	Pass	H	PK
5	36680.0000	43.10	0.00	-57.75	60.73	46.08	74.00	27.92	Pass	H	PK
6	39809.0324	44.09	0.00	-54.65	59.85	49.29	74.00	24.71	Pass	H	PK
7	20960.0000	38.63	0.00	-63.33	65.52	40.82	74.00	33.18	Pass	V	PK
8	24513.1405	40.45	0.00	-60.29	65.63	45.79	74.00	28.21	Pass	V	PK
9	26200.0000	40.40	0.00	-59.99	64.28	44.69	74.00	29.31	Pass	V	PK
10	31440.0000	41.61	0.00	-58.96	61.00	43.65	74.00	30.35	Pass	V	PK
11	33272.1309	42.13	0.00	-58.23	64.27	48.17	74.00	25.83	Pass	V	PK
12	36680.0000	43.10	0.00	-57.75	58.90	44.25	74.00	29.75	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5190	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20760.0000	38.70	0.00	-63.13	64.31	39.88	74.00	34.12	Pass	H	PK
2	23913.8366	40.06	0.00	-60.68	66.34	45.72	74.00	28.28	Pass	H	PK
3	25950.0000	40.42	0.00	-59.47	62.72	43.67	74.00	30.33	Pass	H	PK
4	31140.0000	41.38	0.00	-59.10	61.30	43.58	74.00	30.42	Pass	H	PK
5	36330.0000	43.13	0.00	-58.09	58.46	43.50	74.00	30.50	Pass	H	PK
6	39015.2406	44.46	0.00	-55.21	59.44	48.69	74.00	25.31	Pass	H	PK
7	20760.0000	38.70	0.00	-63.13	65.77	41.34	74.00	32.66	Pass	V	PK
8	22410.7364	38.53	0.00	-62.94	68.97	44.56	74.00	29.44	Pass	V	PK
9	25950.0000	40.42	0.00	-59.47	61.45	42.40	74.00	31.60	Pass	V	PK
10	31140.0000	41.38	0.00	-59.10	62.31	44.59	74.00	29.41	Pass	V	PK
11	36330.0000	43.13	0.00	-58.09	60.30	45.34	74.00	28.66	Pass	V	PK
12	39134.0454	44.41	0.00	-55.23	59.78	48.96	74.00	25.04	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5230	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20920.0000	38.65	0.00	-63.26	64.70	40.09	74.00	33.91	Pass	H	PK
2	23399.8960	39.37	0.00	-61.92	67.39	44.84	74.00	29.16	Pass	H	PK
3	26150.0000	40.40	0.00	-59.87	62.25	42.78	74.00	31.22	Pass	H	PK
4	31380.0000	41.56	0.00	-59.01	60.58	43.13	74.00	30.87	Pass	H	PK
5	36610.0000	43.11	0.00	-57.32	60.57	46.36	74.00	27.64	Pass	H	PK
6	39077.7231	44.43	0.00	-55.22	60.41	49.62	74.00	24.38	Pass	H	PK
7	20920.0000	38.65	0.00	-63.26	65.49	40.88	74.00	33.12	Pass	V	PK
8	23612.8645	39.66	0.00	-61.46	67.08	45.28	74.00	28.72	Pass	V	PK
9	26150.0000	40.40	0.00	-59.87	63.61	44.14	74.00	29.86	Pass	V	PK
10	31380.0000	41.56	0.00	-59.01	61.68	44.23	74.00	29.77	Pass	V	PK
11	36610.0000	43.11	0.00	-57.32	60.30	46.09	74.00	27.91	Pass	V	PK
12	39078.6031	44.43	0.00	-55.22	60.07	49.28	74.00	24.72	Pass	V	PK

Mode:			802.11 ac(VHT80) Transmitting					Channel:		5210	
N O	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20840.0000	38.68	0.00	-63.13	65.98	41.53	74.00	32.47	Pass	H	PK
2	23744.8698	39.83	0.00	-61.03	66.86	45.66	74.00	28.34	Pass	H	PK
3	26050.0000	40.40	0.00	-59.62	61.17	41.95	74.00	32.05	Pass	H	PK
4	31260.0000	41.47	0.00	-59.21	61.43	43.69	74.00	30.31	Pass	H	PK
5	36470.0000	43.12	0.00	-57.82	59.30	44.60	74.00	29.40	Pass	H	PK
6	39001.1600	44.47	0.00	-55.21	60.35	49.61	74.00	24.39	Pass	H	PK
7	20840.0000	38.68	0.00	-63.13	66.60	42.15	74.00	31.85	Pass	V	PK
8	26050.0000	40.40	0.00	-59.62	62.48	43.26	74.00	30.74	Pass	V	PK
9	29560.1424	40.61	0.00	-60.03	67.36	47.94	74.00	26.06	Pass	V	PK
10	31260.0000	41.47	0.00	-59.21	62.22	44.48	74.00	29.52	Pass	V	PK
11	36470.0000	43.12	0.00	-57.82	59.25	44.55	74.00	29.45	Pass	V	PK
12	38723.0689	44.13	0.00	-55.84	61.22	49.51	74.00	24.49	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5745	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20408.6563	38.83	0.00	-62.91	68.64	44.56	74.00	29.44	Pass	H	PK
2	22980.0000	38.83	0.00	-63.81	64.78	39.80	74.00	34.20	Pass	H	PK
3	25163.4865	40.66	0.00	-59.67	66.31	47.30	74.00	26.70	Pass	H	PK
4	28725.0000	40.11	0.00	-60.73	63.75	43.13	74.00	30.87	Pass	H	PK
5	34470.0000	42.61	0.00	-58.17	59.98	44.42	74.00	29.58	Pass	H	PK
6	39096.2038	44.42	0.00	-55.22	61.00	50.20	74.00	23.80	Pass	H	PK
7	19971.2789	38.97	0.00	-62.10	68.02	44.89	74.00	29.11	Pass	V	PK
8	22980.0000	38.83	0.00	-63.81	64.19	39.21	74.00	34.79	Pass	V	PK
9	25500.5400	40.55	0.00	-59.57	66.50	47.48	74.00	26.52	Pass	V	PK
10	28725.0000	40.11	0.00	-60.73	66.77	46.15	74.00	27.85	Pass	V	PK
11	34470.0000	42.61	0.00	-58.17	60.55	44.99	74.00	29.01	Pass	V	PK
12	39012.6005	44.46	0.00	-55.21	60.97	50.22	74.00	23.78	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5785	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	23140.0000	39.03	0.00	-62.95	64.05	40.13	74.00	33.87	Pass	H	PK
2	25712.6285	40.49	0.00	-59.32	66.03	47.20	74.00	26.80	Pass	H	PK
3	28925.0000	40.25	0.00	-60.50	62.68	42.43	74.00	31.57	Pass	H	PK
4	31729.4292	41.82	0.00	-59.03	65.41	48.20	74.00	25.80	Pass	H	PK
5	34710.0000	42.80	0.00	-58.08	60.93	45.65	74.00	28.35	Pass	H	PK
6	38674.6670	44.07	0.00	-56.01	61.45	49.51	74.00	24.49	Pass	H	PK
7	23140.0000	39.03	0.00	-62.95	64.44	40.52	74.00	33.48	Pass	V	PK
8	25658.9464	40.51	0.00	-59.28	65.09	46.32	74.00	27.68	Pass	V	PK
9	28925.0000	40.25	0.00	-60.50	62.98	42.73	74.00	31.27	Pass	V	PK
10	32390.3356	42.05	0.00	-57.55	64.60	49.10	74.00	24.90	Pass	V	PK
11	34710.0000	42.80	0.00	-58.08	59.45	44.17	74.00	29.83	Pass	V	PK
12	39081.2433	44.43	0.00	-55.22	60.57	49.78	74.00	24.22	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5825	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	21167.2467	38.57	0.00	-63.23	69.34	44.68	74.00	29.32	Pass	H	PK
2	23300.0000	39.24	0.00	-62.23	64.63	41.64	74.00	32.36	Pass	H	PK
3	26893.6357	40.38	0.00	-60.41	66.74	46.71	74.00	27.29	Pass	H	PK
4	29125.0000	40.37	0.00	-60.60	63.95	43.72	74.00	30.28	Pass	H	PK
5	34950.0000	43.00	0.00	-58.41	60.27	44.86	74.00	29.14	Pass	H	PK
6	39090.9236	44.43	0.00	-55.23	60.30	49.50	74.00	24.50	Pass	H	PK
7	20039.9216	38.96	0.00	-62.20	68.48	45.24	74.00	28.76	Pass	V	PK
8	23300.0000	39.24	0.00	-62.23	62.86	39.87	74.00	34.13	Pass	V	PK
9	26630.5052	40.39	0.00	-59.87	66.51	47.03	74.00	26.97	Pass	V	PK
10	29125.0000	40.37	0.00	-60.60	63.66	43.43	74.00	30.57	Pass	V	PK
11	34950.0000	43.00	0.00	-58.41	58.88	43.47	74.00	30.53	Pass	V	PK
12	39053.9622	44.44	0.00	-55.21	60.46	49.69	74.00	24.31	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5745	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19924.6370	38.97	0.00	-62.24	69.03	45.76	74.00	28.24	Pass	H	PK
2	22980.0000	38.83	0.00	-63.81	64.72	39.74	74.00	34.26	Pass	H	PK
3	25527.8211	40.55	0.00	-59.48	64.72	45.79	74.00	28.21	Pass	H	PK
4	28725.0000	40.11	0.00	-60.73	63.93	43.31	74.00	30.69	Pass	H	PK
5	34470.0000	42.61	0.00	-58.17	59.84	44.28	74.00	29.72	Pass	H	PK
6	39337.3335	44.31	0.00	-56.03	61.23	49.51	74.00	24.49	Pass	H	PK
7	19908.7964	38.97	0.00	-62.28	68.59	45.28	74.00	28.72	Pass	V	PK
8	22980.0000	38.83	0.00	-63.81	63.85	38.87	74.00	35.13	Pass	V	PK
9	25738.1495	40.48	0.00	-59.33	65.84	46.99	74.00	27.01	Pass	V	PK
10	28725.0000	40.11	0.00	-60.73	63.62	43.00	74.00	31.00	Pass	V	PK
11	34470.0000	42.61	0.00	-58.17	59.99	44.43	74.00	29.57	Pass	V	PK
12	39016.1206	44.46	0.00	-55.21	60.34	49.59	74.00	24.41	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5785	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19930.7972	38.97	0.00	-62.22	68.05	44.80	74.00	29.20	Pass	H	PK
2	23140.0000	39.03	0.00	-62.95	63.02	39.10	74.00	34.90	Pass	H	PK
3	26698.2679	40.39	0.00	-60.03	66.13	46.49	74.00	27.51	Pass	H	PK
4	28925.0000	40.25	0.00	-60.50	62.96	42.71	74.00	31.29	Pass	H	PK
5	34710.0000	42.80	0.00	-58.08	61.44	46.16	74.00	27.84	Pass	H	PK
6	38972.1189	44.44	0.00	-55.26	60.09	49.27	74.00	24.73	Pass	H	PK
7	23140.0000	39.03	0.00	-62.95	64.29	40.37	74.00	33.63	Pass	V	PK
8	25670.3868	40.50	0.00	-59.28	66.00	47.22	74.00	26.78	Pass	V	PK
9	28925.0000	40.25	0.00	-60.50	62.95	42.70	74.00	31.30	Pass	V	PK
10	30991.9597	41.28	0.00	-58.65	65.34	47.97	74.00	26.03	Pass	V	PK
11	34710.0000	42.80	0.00	-58.08	61.04	45.76	74.00	28.24	Pass	V	PK
12	39107.6443	44.42	0.00	-55.23	60.77	49.96	74.00	24.04	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5825	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	23300.0000	39.24	0.00	-62.23	63.16	40.17	74.00	33.83	Pass	H	PK
2	26200.1680	40.40	0.00	-59.99	65.85	46.26	74.00	27.74	Pass	H	PK
3	29125.0000	40.37	0.00	-60.60	62.83	42.60	74.00	31.40	Pass	H	PK
4	32448.4179	42.05	0.00	-57.74	63.37	47.68	74.00	26.32	Pass	H	PK
5	34950.0000	43.00	0.00	-58.41	58.95	43.54	74.00	30.46	Pass	H	PK
6	39193.0077	44.38	0.00	-55.24	59.87	49.01	74.00	24.99	Pass	H	PK
7	19834.8734	38.97	0.00	-62.49	69.08	45.56	74.00	28.44	Pass	V	PK
8	23300.0000	39.24	0.00	-62.23	64.03	41.04	74.00	32.96	Pass	V	PK
9	25800.6320	40.46	0.00	-59.38	65.90	46.98	74.00	27.02	Pass	V	PK
10	29125.0000	40.37	0.00	-60.60	64.02	43.79	74.00	30.21	Pass	V	PK
11	34950.0000	43.00	0.00	-58.41	59.24	43.83	74.00	30.17	Pass	V	PK
12	38994.1198	44.46	0.00	-55.22	60.38	49.62	74.00	24.38	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5755	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20650.6660	38.74	0.00	-63.36	69.28	44.66	74.00	29.34	Pass	H	PK
2	23020.0000	38.87	0.00	-63.75	64.50	39.62	74.00	34.38	Pass	H	PK
3	26650.7460	40.39	0.00	-59.92	65.87	46.34	74.00	27.66	Pass	H	PK
4	28775.0000	40.14	0.00	-60.63	63.90	43.41	74.00	30.59	Pass	H	PK
5	34530.0000	42.66	0.00	-57.94	58.52	43.24	74.00	30.76	Pass	H	PK
6	39031.9613	44.45	0.00	-55.21	60.61	49.85	74.00	24.15	Pass	H	PK
7	20016.1606	38.96	0.00	-62.09	68.42	45.29	74.00	28.71	Pass	V	PK
8	23020.0000	38.87	0.00	-63.75	65.60	40.72	74.00	33.28	Pass	V	PK
9	25558.6223	40.54	0.00	-59.38	65.25	46.41	74.00	27.59	Pass	V	PK
10	28775.0000	40.14	0.00	-60.63	63.59	43.10	74.00	30.90	Pass	V	PK
11	34530.0000	42.66	0.00	-57.94	60.15	44.87	74.00	29.13	Pass	V	PK
12	39054.8422	44.44	0.00	-55.21	60.65	49.88	74.00	24.12	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5795	
N O	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19932.5573	38.97	0.00	-62.21	67.89	44.65	74.00	29.35	Pass	H	PK
2	23180.0000	39.08	0.00	-62.68	62.81	39.21	74.00	34.79	Pass	H	PK
3	26597.0639	40.39	0.00	-59.80	66.02	46.61	74.00	27.39	Pass	H	PK
4	28975.0000	40.28	0.00	-60.46	63.47	43.29	74.00	30.71	Pass	H	PK
5	34770.0000	42.85	0.00	-58.31	59.45	43.99	74.00	30.01	Pass	H	PK
6	38979.1592	44.44	0.00	-55.24	60.15	49.35	74.00	24.65	Pass	H	PK
7	20159.6064	38.91	0.00	-62.73	68.52	44.70	74.00	29.30	Pass	V	PK
8	23180.0000	39.08	0.00	-62.68	64.98	41.38	74.00	32.62	Pass	V	PK
9	24735.7894	40.57	0.00	-60.39	66.46	46.64	74.00	27.36	Pass	V	PK
10	28975.0000	40.28	0.00	-60.46	62.46	42.28	74.00	31.72	Pass	V	PK
11	34770.0000	42.85	0.00	-58.31	60.10	44.64	74.00	29.36	Pass	V	PK
12	38991.4797	44.46	0.00	-55.22	60.53	49.77	74.00	24.23	Pass	V	PK

Mode:			802.11 ac(VHT80) Transmitting					Channel:		5775	
N O	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20101.5241	38.93	0.00	-62.47	68.02	44.48	74.00	29.52	Pass	H	PK
2	23100.0000	38.97	0.00	-63.21	63.40	39.16	74.00	34.84	Pass	H	PK
3	27405.8162	40.07	0.00	-60.45	67.12	46.74	74.00	27.26	Pass	H	PK
4	28875.0000	40.21	0.00	-60.53	62.66	42.34	74.00	31.66	Pass	H	PK
5	34650.0000	42.75	0.00	-57.86	61.25	46.14	74.00	27.86	Pass	H	PK
6	39844.2338	44.07	0.00	-54.72	60.58	49.93	74.00	24.07	Pass	H	PK
7	19910.5564	38.97	0.00	-62.28	68.48	45.17	74.00	28.83	Pass	V	PK
8	23100.0000	38.97	0.00	-63.21	64.03	39.79	74.00	34.21	Pass	V	PK
9	26586.5035	40.39	0.00	-59.80	66.21	46.80	74.00	27.20	Pass	V	PK
10	28875.0000	40.21	0.00	-60.53	65.19	44.87	74.00	29.13	Pass	V	PK
11	34650.0000	42.75	0.00	-57.86	59.79	44.68	74.00	29.32	Pass	V	PK
12	39019.6408	44.46	0.00	-55.21	61.50	50.75	74.00	23.25	Pass	V	PK

Note:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

2) Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Appendix J) Unwanted Emissions that fall Outside of the Restricted Bands

Receiver Setup:					
	Frequency	Detector	RBW	VBW	Remark
	Above 1GHz	Peak	1MHz	3MHz	Peak
Test Procedure:					
a) The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b)The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c) The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f) Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel j) Test the EUT in the lowest channel or/and the middle channel ,the Highest channel h) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. i) Repeat above procedures until all frequencies measured was complete.					
Limit:					
	Transmitter Operation Frequency(MHz)	Limit (EIRP)	Limit (dBµV/m)@3m	Measurement distance (cm)	
	5150-5350	-27dBm/MHz	68.2dBuV/m	3	
	5470-5725	-27dBm/MHz	68.2dBuV/m	3	
Note: (i) $EIRP = ((E \cdot d)^2) / 30$ where: • E is the field strength in V/m; • d is the measurement distance in meters; • EIRP is the equivalent isotropically radiated power in watts. (ii) Working in dB units, the above equation is equivalent to: EIRP[dBm] = E[dBµV/m] + 20 log(d[meters]) - 104.77 (iii) Or, if d is 3 meters: EIRP[dBm] = E[dBµV/m] - 95.2					
Test result:	PASS				

Test Data:

For the all emission,out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit. Refer to test item“Unwanted Emissions in the Restricted Bands (Radiated Emission)” test result.

Radiated Emission above 68.2GHz:

Mode:			802.11 a Transmitting					Channel:		5180	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1592.9593	29.01	3.59	-42.91	55.52	45.21	68.20	22.99	Pass	H	PK
2	2132.0132	31.88	4.42	-43.17	58.72	51.85	68.20	16.35	Pass	H	PK
3	3079.7580	33.23	5.51	-43.10	50.57	46.21	68.20	21.99	Pass	H	PK
4	5172.7173	34.67	7.54	-42.73	63.95	63.43	68.20	4.77	Pass	H	PK
5	9211.2606	37.66	6.62	-42.04	50.03	52.27	68.20	15.93	Pass	H	PK
6	17568.7284	42.65	12.42	-40.99	50.04	64.12	68.20	4.08	Pass	H	PK
7	2132.0132	31.88	4.42	-43.17	58.04	51.17	68.20	17.03	Pass	V	PK
8	4260.1760	34.16	6.36	-42.89	53.95	51.58	68.20	16.62	Pass	V	PK
9	5172.7173	34.67	7.54	-42.73	51.10	50.58	68.20	17.62	Pass	V	PK
10	6469.1969	35.89	8.54	-42.50	49.28	51.21	68.20	16.99	Pass	V	PK
11	12645.9073	39.60	8.17	-41.90	49.29	55.16	68.20	13.04	Pass	V	PK
12	17560.1030	42.65	12.47	-40.99	50.50	64.63	68.20	3.57	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5200	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1062.7063	27.96	2.87	-43.03	54.76	42.56	68.20	25.64	Pass	H	PK
2	2123.7624	31.87	4.46	-43.18	58.76	51.91	68.20	16.29	Pass	H	PK
3	2663.3663	32.66	4.85	-43.10	52.78	47.19	68.20	21.01	Pass	H	PK
4	5206.8207	34.71	7.44	-42.72	62.55	61.98	68.20	6.22	Pass	H	PK
5	9113.5057	37.68	6.64	-42.02	49.76	52.06	68.20	16.14	Pass	H	PK
6	17561.8281	42.65	12.46	-40.99	50.11	64.23	68.20	3.97	Pass	H	PK
7	2128.7129	31.88	4.43	-43.17	59.83	52.97	68.20	15.23	Pass	V	PK
8	2654.0154	32.65	4.84	-43.10	55.25	49.64	68.20	18.56	Pass	V	PK
9	3998.3498	33.80	6.39	-43.01	52.16	49.34	68.20	18.86	Pass	V	PK
10	5196.3696	34.70	7.45	-42.72	52.51	51.94	68.20	16.26	Pass	V	PK
11	11456.1728	38.87	7.82	-42.00	49.80	54.49	68.20	13.71	Pass	V	PK
12	17567.0034	42.65	12.43	-40.99	51.53	65.62	68.20	2.58	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5240	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1660.0660	29.46	3.84	-42.76	54.37	44.91	68.20	23.29	Pass	H	PK
2	2129.2629	31.88	4.43	-43.17	58.74	51.88	68.20	16.32	Pass	H	PK
3	5232.6733	34.73	7.45	-42.71	63.93	63.40	68.20	4.80	Pass	H	PK
4	6493.3993	35.90	8.64	-42.50	49.65	51.69	68.20	16.51	Pass	H	PK
5	10594.7797	38.52	7.27	-42.00	49.42	53.21	68.20	14.99	Pass	H	PK
6	17552.0526	42.66	12.52	-40.99	50.24	64.43	68.20	3.77	Pass	H	PK
7	2125.4125	31.88	4.45	-43.18	56.67	49.82	68.20	18.38	Pass	V	PK
8	2909.7910	33.06	5.27	-43.11	52.58	47.80	68.20	20.40	Pass	V	PK
9	4259.0759	34.16	6.36	-42.90	53.44	51.06	68.20	17.14	Pass	V	PK
10	5233.2233	34.73	7.45	-42.71	51.56	51.03	68.20	17.17	Pass	V	PK
11	9026.6763	37.69	6.79	-42.00	49.15	51.63	68.20	16.57	Pass	V	PK
12	17579.6540	42.64	12.35	-40.99	50.05	64.05	68.20	4.15	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5180	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2127.6128	31.88	4.44	-43.18	58.43	51.57	68.20	16.63	Pass	H	PK
2	2910.8911	33.06	5.27	-43.10	50.73	45.96	68.20	22.24	Pass	H	PK
3	5171.6172	34.67	7.54	-42.73	61.70	61.18	68.20	7.02	Pass	H	PK
4	6497.7998	35.90	8.66	-42.50	49.22	51.28	68.20	16.92	Pass	H	PK
5	10429.7465	38.40	7.52	-42.01	49.33	53.24	68.20	14.96	Pass	H	PK
6	17579.6540	42.64	12.35	-40.99	49.88	63.88	68.20	4.32	Pass	H	PK
7	2133.1133	31.89	4.41	-43.17	58.59	51.72	68.20	16.48	Pass	V	PK
8	2656.2156	32.65	4.85	-43.10	54.10	48.50	68.20	19.70	Pass	V	PK
9	4262.3762	34.17	6.37	-42.90	55.51	53.15	68.20	15.05	Pass	V	PK
10	5172.1672	34.67	7.54	-42.73	50.78	50.26	68.20	17.94	Pass	V	PK
11	11023.1762	38.61	7.58	-42.00	49.71	53.90	68.20	14.30	Pass	V	PK
12	17518.1259	42.69	12.33	-41.00	49.70	63.72	68.20	4.48	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5200	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2133.1133	31.89	4.41	-43.17	58.21	51.34	68.20	16.86	Pass	H	PK
2	2909.7910	33.06	5.27	-43.11	52.24	47.46	68.20	20.74	Pass	H	PK
3	5207.9208	34.71	7.44	-42.72	61.81	61.24	68.20	6.96	Pass	H	PK
4	6495.5996	35.90	8.65	-42.50	49.81	51.86	68.20	16.34	Pass	H	PK
5	10638.4819	38.53	7.28	-42.01	49.56	53.36	68.20	14.84	Pass	H	PK
6	17546.8773	42.66	12.51	-40.99	49.94	64.12	68.20	4.08	Pass	H	PK
7	2125.9626	31.88	4.45	-43.18	57.01	50.16	68.20	18.04	Pass	V	PK
8	4253.5754	34.16	6.33	-42.90	52.63	50.22	68.20	17.98	Pass	V	PK
9	5193.6194	34.69	7.46	-42.72	51.34	50.77	68.20	17.43	Pass	V	PK
10	6443.3443	35.89	8.47	-42.52	49.84	51.68	68.20	16.52	Pass	V	PK
11	13879.9190	39.63	8.93	-41.73	49.82	56.65	68.20	11.55	Pass	V	PK
12	17566.4283	42.65	12.43	-40.99	50.20	64.29	68.20	3.91	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5240	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2132.0132	31.88	4.42	-43.17	59.98	53.11	68.20	15.09	Pass	H	PK
2	2910.3410	33.06	5.27	-43.11	51.54	46.76	68.20	21.44	Pass	H	PK
3	5232.6733	34.73	7.45	-42.71	62.36	61.83	68.20	6.37	Pass	H	PK
4	6353.6854	35.87	8.68	-42.53	49.47	51.49	68.20	16.71	Pass	H	PK
5	12604.5052	39.60	8.04	-41.90	49.62	55.36	68.20	12.84	Pass	H	PK
6	17581.3791	42.63	12.34	-40.98	50.82	64.81	68.20	3.39	Pass	H	PK
7	2129.8130	31.88	4.43	-43.17	58.13	51.27	68.20	16.93	Pass	V	PK
8	4247.5248	34.15	6.32	-42.91	53.36	50.92	68.20	17.28	Pass	V	PK
9	5232.6733	34.73	7.45	-42.71	51.92	51.39	68.20	16.81	Pass	V	PK
10	9315.3408	37.64	6.70	-42.07	49.04	51.31	68.20	16.89	Pass	V	PK
11	14322.1161	40.02	8.87	-41.70	49.45	56.64	68.20	11.56	Pass	V	PK
12	17565.2783	42.65	12.44	-40.99	50.70	64.80	68.20	3.40	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5190	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2125.4125	31.88	4.45	-43.18	61.00	54.15	68.20	14.05	Pass	H	PK
2	2662.2662	32.66	4.85	-43.10	51.57	45.98	68.20	22.22	Pass	H	PK
3	5192.5193	34.69	7.47	-42.72	60.09	59.53	68.20	8.67	Pass	H	PK
4	8926.0463	37.54	6.88	-42.00	48.72	51.14	68.20	17.06	Pass	H	PK
5	12271.5636	39.46	7.72	-41.90	49.74	55.02	68.20	13.18	Pass	H	PK
6	17602.0801	42.62	12.20	-40.98	49.98	63.82	68.20	4.38	Pass	H	PK
7	2128.7129	31.88	4.43	-43.17	56.33	49.47	68.20	18.73	Pass	V	PK
8	2909.7910	33.06	5.27	-43.11	52.34	47.56	68.20	20.64	Pass	V	PK
9	5188.1188	34.69	7.48	-42.72	49.52	48.97	68.20	19.23	Pass	V	PK
10	6499.4499	35.90	8.67	-42.50	49.35	51.42	68.20	16.78	Pass	V	PK
11	12015.6758	39.31	7.97	-41.90	49.01	54.39	68.20	13.81	Pass	V	PK
12	17584.2542	42.63	12.32	-40.98	50.25	64.22	68.20	3.98	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5230	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2132.5633	31.89	4.42	-43.18	59.59	52.72	68.20	15.48	Pass	H	PK
2	2665.0165	32.66	4.86	-43.10	53.64	48.06	68.20	20.14	Pass	H	PK
3	5232.1232	34.73	7.45	-42.71	62.17	61.64	68.20	6.56	Pass	H	PK
4	9215.2858	37.66	6.63	-42.05	49.35	51.59	68.20	16.61	Pass	H	PK
5	13920.7460	39.65	8.97	-41.71	49.78	56.69	68.20	11.51	Pass	H	PK
6	17573.3287	42.64	12.39	-40.98	50.12	64.17	68.20	4.03	Pass	H	PK
7	2132.5633	31.89	4.42	-43.18	60.60	53.73	68.20	14.47	Pass	V	PK
8	2910.3410	33.06	5.27	-43.11	52.41	47.63	68.20	20.57	Pass	V	PK
9	4249.1749	34.15	6.32	-42.90	54.18	51.75	68.20	16.45	Pass	V	PK
10	5214.5215	34.71	7.44	-42.71	53.10	52.54	68.20	15.66	Pass	V	PK
11	9022.0761	37.70	6.79	-42.00	49.47	51.96	68.20	16.24	Pass	V	PK
12	17581.9541	42.63	12.34	-40.98	50.54	64.53	68.20	3.67	Pass	V	PK

Mode:			802.11 ac(VHT80) Transmitting					Channel:		5210	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2128.1628	31.88	4.44	-43.18	59.61	52.75	68.20	15.45	Pass	H	PK
2	2909.7910	33.06	5.27	-43.11	51.54	46.76	68.20	21.44	Pass	H	PK
3	5215.0715	34.72	7.44	-42.72	61.53	60.97	68.20	7.23	Pass	H	PK
4	6498.3498	35.90	8.66	-42.50	49.10	51.16	68.20	17.04	Pass	H	PK
5	13128.3564	39.55	7.80	-41.87	49.95	55.43	68.20	12.77	Pass	H	PK
6	17571.6036	42.64	12.40	-40.98	49.68	63.74	68.20	4.46	Pass	H	PK
7	2130.3630	31.88	4.43	-43.18	57.73	50.86	68.20	17.34	Pass	V	PK
8	4265.6766	34.17	6.38	-42.89	55.39	53.05	68.20	15.15	Pass	V	PK
9	5220.5721	34.72	7.44	-42.71	52.81	52.26	68.20	15.94	Pass	V	PK
10	6476.8977	35.90	8.57	-42.51	49.24	51.20	68.20	17.00	Pass	V	PK
11	13109.9555	39.56	7.87	-41.89	50.16	55.70	68.20	12.50	Pass	V	PK
12	17656.7078	42.57	11.42	-40.97	51.15	64.17	68.20	4.03	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5745	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2124.8625	31.87	3.69	-43.17	60.63	53.02	68.20	15.18	Pass	H	PK
2	2910.3410	33.06	4.49	-43.10	50.84	45.29	68.20	22.91	Pass	H	PK
3	5738.7239	35.38	6.99	-42.60	59.06	58.83	68.20	9.37	Pass	H	PK
4	6500.0000	35.90	7.56	-42.50	49.54	50.50	68.20	17.70	Pass	H	PK
5	12038.002	39.32	8.09	-41.89	48.90	54.42	68.20	13.78	Pass	H	PK
6	17582.905	42.63	12.33	-40.98	49.98	63.96	68.20	4.24	Pass	H	PK
7	2124.8625	31.87	3.69	-43.17	56.99	49.38	68.20	18.82	Pass	V	PK
8	2665.5666	32.66	4.35	-43.10	54.21	48.12	68.20	20.08	Pass	V	PK
9	4262.3762	34.17	5.49	-42.90	54.00	50.76	68.20	17.44	Pass	V	PK
10	5738.7239	35.38	6.99	-42.60	53.16	52.93	68.20	15.27	Pass	V	PK
11	10637.975	38.53	7.28	-42.01	49.61	53.41	68.20	14.79	Pass	V	PK
12	17550.703	42.66	12.53	-40.99	50.00	64.20	68.20	4.00	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5785	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2124.3124	31.87	3.69	-43.17	57.57	49.96	68.20	18.24	Pass	H	PK
2	3856.4356	33.69	5.24	-43.04	53.00	48.89	68.20	19.31	Pass	H	PK
3	5787.1287	35.46	7.00	-42.60	60.60	60.46	68.20	7.74	Pass	H	PK
4	8823.9216	37.31	6.90	-41.99	49.69	51.91	68.20	16.29	Pass	H	PK
5	10427.1285	38.40	7.52	-42.01	49.57	53.48	68.20	14.72	Pass	H	PK
6	17595.9397	42.62	12.25	-40.97	50.25	64.15	68.20	4.05	Pass	H	PK
7	2125.9626	31.88	3.70	-43.18	56.09	48.49	68.20	19.71	Pass	V	PK
8	2656.2156	32.65	4.37	-43.10	53.49	47.41	68.20	20.79	Pass	V	PK
9	4259.0759	34.16	5.49	-42.89	52.09	48.85	68.20	19.35	Pass	V	PK
10	5787.6788	35.46	7.00	-42.60	53.70	53.56	68.20	14.64	Pass	V	PK
11	10284.5190	38.20	7.21	-42.04	49.70	53.07	68.20	15.13	Pass	V	PK
12	17568.3379	42.65	12.42	-40.99	51.37	65.45	68.20	2.75	Pass	V	PK

Mode:			802.11 a Transmitting					Channel:		5825	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2129.2629	31.88	3.70	-43.17	57.87	50.28	68.20	17.92	Pass	H	PK
2	2910.3410	33.06	4.49	-43.10	52.34	46.79	68.20	21.41	Pass	H	PK
3	3883.3883	33.71	5.39	-43.02	52.41	48.49	68.20	19.71	Pass	H	PK
4	5820.6821	35.51	7.01	-42.60	57.45	57.37	68.20	10.83	Pass	H	PK
5	10401.060	38.36	7.54	-42.02	49.41	53.29	68.20	14.91	Pass	H	PK
6	17560.670	42.65	12.47	-40.99	50.33	64.46	68.20	3.74	Pass	H	PK
7	2123.2123	31.87	3.69	-43.17	54.98	47.37	68.20	20.83	Pass	V	PK
8	2665.0165	32.66	4.35	-43.10	54.34	48.25	68.20	19.95	Pass	V	PK
9	3993.9494	33.80	5.34	-43.00	54.18	50.32	68.20	17.88	Pass	V	PK
10	5820.6821	35.51	7.01	-42.60	54.01	53.93	68.20	14.27	Pass	V	PK
11	11255.950	38.75	7.71	-42.00	49.32	53.78	68.20	14.42	Pass	V	PK
12	17572.938	42.64	12.39	-40.98	50.09	64.14	68.20	4.06	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5745	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2128.7129	31.88	3.70	-43.17	56.17	48.58	68.20	19.62	Pass	H	PK
2	3830.0330	33.66	5.20	-43.03	50.68	46.51	68.20	21.69	Pass	H	PK
3	5737.6238	35.38	6.99	-42.60	58.79	58.56	68.20	9.64	Pass	H	PK
4	8984.1656	37.67	6.84	-42.01	48.73	51.23	68.20	16.97	Pass	H	PK
5	13927.1951	39.66	8.94	-41.71	49.45	56.34	68.20	11.86	Pass	H	PK
6	17559.9040	42.65	12.47	-40.99	50.07	64.20	68.20	4.00	Pass	H	PK
7	2128.7129	31.88	3.70	-43.17	56.75	49.16	68.20	19.04	Pass	V	PK
8	2665.5666	32.66	4.35	-43.10	52.88	46.79	68.20	21.41	Pass	V	PK
9	5737.6238	35.38	6.99	-42.60	52.95	52.72	68.20	15.48	Pass	V	PK
10	9006.4004	37.70	6.82	-42.00	49.63	52.15	68.20	16.05	Pass	V	PK
11	11848.6232	39.18	7.71	-41.93	49.71	54.67	68.20	13.53	Pass	V	PK
12	17585.9724	42.63	12.31	-40.98	50.15	64.11	68.20	4.09	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5785	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2130.3630	31.88	3.70	-43.17	62.61	55.02	68.20	13.18	Pass	H	PK
2	3856.9857	33.69	5.24	-43.03	51.79	47.69	68.20	20.51	Pass	H	PK
3	5787.1287	35.46	7.00	-42.60	59.41	59.27	68.20	8.93	Pass	H	PK
4	9224.9150	37.66	6.64	-42.05	49.03	51.28	68.20	16.92	Pass	H	PK
5	11941.396	39.25	7.65	-41.91	49.92	54.91	68.20	13.29	Pass	H	PK
6	17610.507	42.61	12.07	-40.98	50.47	64.17	68.20	4.03	Pass	H	PK
7	2125.4125	31.88	3.70	-43.18	55.96	48.36	68.20	19.84	Pass	V	PK
8	2666.1166	32.67	4.34	-43.10	53.92	47.83	68.20	20.37	Pass	V	PK
9	4253.0253	34.15	5.49	-42.89	54.94	51.69	68.20	16.51	Pass	V	PK
10	5787.1287	35.46	7.00	-42.60	52.69	52.55	68.20	15.65	Pass	V	PK
11	9339.1559	37.63	6.73	-42.07	49.14	51.43	68.20	16.77	Pass	V	PK
12	17566.804	42.65	12.43	-40.99	51.68	65.77	68.20	2.43	Pass	V	PK

Mode:			802.11 n(HT20) Transmitting					Channel:		5825	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2132.5633	31.89	3.71	-43.18	59.34	51.76	68.20	16.44	Pass	H	PK
2	3883.3883	33.71	5.39	-43.02	53.18	49.26	68.20	18.94	Pass	H	PK
3	5820.1320	35.51	7.01	-42.60	56.82	56.74	68.20	11.46	Pass	H	PK
4	9042.4362	37.69	6.76	-42.00	48.73	51.18	68.20	17.02	Pass	H	PK
5	11920.6947	39.24	7.61	-41.92	48.87	53.80	68.20	14.40	Pass	H	PK
6	17599.0066	42.62	12.24	-40.98	49.82	63.70	68.20	4.50	Pass	H	PK
7	2125.9626	31.88	3.70	-43.18	58.39	50.79	68.20	17.41	Pass	V	PK
8	3883.3883	33.71	5.39	-43.02	51.72	47.80	68.20	20.40	Pass	V	PK
9	5821.2321	35.51	7.01	-42.60	53.03	52.95	68.20	15.25	Pass	V	PK
10	9326.8885	37.63	6.71	-42.06	49.14	51.42	68.20	16.78	Pass	V	PK
11	12408.3272	39.54	7.96	-41.90	49.05	54.65	68.20	13.55	Pass	V	PK
12	17586.7391	42.63	12.31	-40.98	50.48	64.44	68.20	3.76	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5755	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2125.9626	31.88	3.70	-43.18	59.91	52.31	68.20	15.89	Pass	H	PK
2	3836.6337	33.67	5.20	-43.04	51.28	47.11	68.20	21.09	Pass	H	PK
3	5700.2200	35.32	6.98	-42.60	55.43	55.13	68.20	13.07	Pass	H	PK
4	9181.9788	37.66	6.61	-42.04	49.49	51.72	68.20	16.48	Pass	H	PK
5	12531.0021	39.60	7.80	-41.90	50.05	55.55	68.20	12.65	Pass	H	PK
6	17566.0377	42.65	12.43	-40.99	49.67	63.76	68.20	4.44	Pass	H	PK
7	2131.4631	31.88	3.70	-43.17	55.90	48.31	68.20	19.89	Pass	V	PK
8	4265.1265	34.17	5.49	-42.89	53.38	50.15	68.20	18.05	Pass	V	PK
9	5700.2200	35.32	6.98	-42.60	51.33	51.03	68.20	17.17	Pass	V	PK
10	7920.7280	36.43	6.62	-42.18	49.16	50.03	68.20	18.17	Pass	V	PK
11	11088.0392	38.65	7.47	-42.00	49.05	53.17	68.20	15.03	Pass	V	PK
12	17563.7376	42.65	12.45	-40.99	50.41	64.52	68.20	3.68	Pass	V	PK

Mode:			802.11 n(HT40) Transmitting					Channel:		5795	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2132.5633	31.89	3.71	-43.18	55.35	47.77	68.20	20.43	Pass	H	PK
2	2662.2662	32.66	4.36	-43.10	51.77	45.69	68.20	22.51	Pass	H	PK
3	3863.0363	33.69	5.28	-43.03	51.72	47.66	68.20	20.54	Pass	H	PK
4	9224.9150	37.66	6.64	-42.05	50.06	52.31	68.20	15.89	Pass	H	PK
5	12439.7627	39.56	7.94	-41.90	48.71	54.31	68.20	13.89	Pass	H	PK
6	17572.1715	42.64	12.40	-40.99	50.06	64.11	68.20	4.09	Pass	H	PK
7	2130.3630	31.88	3.70	-43.17	57.14	49.55	68.20	18.65	Pass	V	PK
8	2657.8658	32.65	4.37	-43.10	52.75	46.67	68.20	21.53	Pass	V	PK
9	4256.8757	34.16	5.49	-42.90	54.38	51.13	68.20	17.07	Pass	V	PK
10	5797.0297	35.48	7.00	-42.60	53.62	53.50	68.20	14.70	Pass	V	PK
11	11386.2924	38.83	7.58	-42.00	49.69	54.10	68.20	14.10	Pass	V	PK
12	17572.9382	42.64	12.39	-40.98	50.46	64.51	68.20	3.69	Pass	V	PK

Mode:			802.11 ac(VHT80) Transmitting					Channel:		5775	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2133.1133	31.89	3.71	-43.18	59.07	51.49	68.20	16.71	Pass	H	PK
2	3849.8350	33.68	5.20	-43.03	52.14	47.99	68.20	20.21	Pass	H	PK
3	5699.1199	35.32	6.98	-42.60	63.94	63.64	68.20	4.56	Pass	H	PK
4	8908.2606	37.50	6.90	-42.00	49.13	51.53	68.20	16.67	Pass	H	PK
5	13862.0241	39.62	8.80	-41.73	49.72	56.41	68.20	11.79	Pass	H	PK
6	17562.2041	42.65	12.46	-40.99	49.91	64.03	68.20	4.17	Pass	H	PK
7	2123.2123	31.87	3.69	-43.17	54.23	46.62	68.20	21.58	Pass	V	PK
8	2663.3663	32.66	4.35	-43.10	54.71	48.62	68.20	19.58	Pass	V	PK
9	5678.7679	35.29	6.98	-42.61	57.04	56.70	68.20	11.50	Pass	V	PK
10	9238.7159	37.65	6.67	-42.05	49.02	51.29	68.20	16.91	Pass	V	PK
11	12580.0720	39.60	7.93	-41.90	49.49	55.12	68.20	13.08	Pass	V	PK
12	17573.7049	42.64	12.39	-40.99	49.83	63.87	68.20	4.33	Pass	V	PK

Note:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

2) Scan from 1GHz to 25GHz, the disturbance above 13GHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.