

Appendix G:

G1.Transmitter Conducted Output Power And ERP/EIRP

Test Result

Band	Channel	Freq (MHz)	Connection Type	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (Limit) (dBm)	Verdict
2	9262	1852.4	Voice	19.87	20.29	33.01	PASS
2	9262	1852.4	RMC	20.47	20.89	33.01	PASS
2	9262	1852.4	HSDPA Subtest-1	19.33	19.75	33.01	PASS
2	9262	1852.4	HSDPA Subtest-2	19.42	19.84	33.01	PASS
2	9262	1852.4	HSDPA Subtest-3	18.79	19.21	33.01	PASS
2	9262	1852.4	HSDPA Subtest-4	18.75	19.17	33.01	PASS
2	9262	1852.4	HSUPA Subtest-1	19.13	19.55	33.01	PASS
2	9262	1852.4	HSUPA Subtest-2	19.21	19.63	33.01	PASS
2	9262	1852.4	HSUPA Subtest-3	19.39	19.81	33.01	PASS
2	9262	1852.4	HSUPA Subtest-4	19.28	19.7	33.01	PASS
2	9262	1852.4	HSUPA Subtest-5	19.25	19.67	33.01	PASS
2	9400	1880.0	Voice	19.96	20.38	33.01	PASS
2	9400	1880.0	RMC	20.09	20.51	33.01	PASS
2	9400	1880.0	HSDPA Subtest-1	17.76	18.18	33.01	PASS
2	9400	1880.0	HSDPA Subtest-2	18.17	18.59	33.01	PASS
2	9400	1880.0	HSDPA Subtest-3	17.49	17.91	33.01	PASS
2	9400	1880.0	HSDPA Subtest-4	17.50	17.92	33.01	PASS
2	9400	1880.0	HSUPA Subtest-1	18.16	18.58	33.01	PASS
2	9400	1880.0	HSUPA Subtest-2	17.75	18.17	33.01	PASS
2	9400	1880.0	HSUPA Subtest-3	18.69	19.11	33.01	PASS
2	9400	1880.0	HSUPA Subtest-4	17.67	18.09	33.01	PASS
2	9400	1880.0	HSUPA Subtest-5	18.46	18.88	33.01	PASS
2	9538	1907.6	Voice	19.67	20.09	33.01	PASS
2	9538	1907.6	RMC	19.68	20.1	33.01	PASS
2	9538	1907.6	HSDPA Subtest-1	18.48	18.9	33.01	PASS
2	9538	1907.6	HSDPA Subtest-2	18.59	19.01	33.01	PASS
2	9538	1907.6	HSDPA Subtest-3	17.70	18.12	33.01	PASS
2	9538	1907.6	HSDPA Subtest-4	18.66	19.08	33.01	PASS
2	9538	1907.6	HSUPA Subtest-1	18.62	19.04	33.01	PASS
2	9538	1907.6	HSUPA Subtest-2	18.76	19.18	33.01	PASS
2	9538	1907.6	HSUPA Subtest-3	19.42	19.84	33.01	PASS
2	9538	1907.6	HSUPA Subtest-4	19.43	19.85	33.01	PASS

2	9538	1907.6	HSUPA Subtest-5	19.08	19.5	33.01	PASS
4	1312	1712.4	Voice	20.70	21.45	30	PASS
4	1312	1712.4	RMC	20.63	21.38	30	PASS
4	1312	1712.4	HSDPA Subtest-1	19.70	20.45	30	PASS
4	1312	1712.4	HSDPA Subtest-2	19.96	20.71	30	PASS
4	1312	1712.4	HSDPA Subtest-3	20.25	21	30	PASS
4	1312	1712.4	HSDPA Subtest-4	20.63	21.38	30	PASS
4	1312	1712.4	HSUPA Subtest-1	20.34	21.09	30	PASS
4	1312	1712.4	HSUPA Subtest-2	20.47	21.22	30	PASS
4	1312	1712.4	HSUPA Subtest-3	20.69	21.44	30	PASS
4	1312	1712.4	HSUPA Subtest-4	20.74	21.49	30	PASS
4	1312	1712.4	HSUPA Subtest-5	20.28	21.03	30	PASS
4	1412	1732.4	Voice	20.57	21.32	30	PASS
4	1412	1732.4	RMC	20.16	20.91	30	PASS
4	1412	1732.4	HSDPA Subtest-1	20.29	21.04	30	PASS
4	1412	1732.4	HSDPA Subtest-2	20.01	20.76	30	PASS
4	1412	1732.4	HSDPA Subtest-3	20.37	21.12	30	PASS
4	1412	1732.4	HSDPA Subtest-4	20.45	21.2	30	PASS
4	1412	1732.4	HSUPA Subtest-1	20.47	21.22	30	PASS
4	1412	1732.4	HSUPA Subtest-2	19.51	20.26	30	PASS
4	1412	1732.4	HSUPA Subtest-3	20.51	21.26	30	PASS
4	1412	1732.4	HSUPA Subtest-4	20.02	20.77	30	PASS
4	1412	1732.4	HSUPA Subtest-5	19.74	20.49	30	PASS
4	1513	1752.6	Voice	20.65	21.4	30	PASS
4	1513	1752.6	RMC	20.59	21.34	30	PASS
4	1513	1752.6	HSDPA Subtest-1	20.09	20.84	30	PASS
4	1513	1752.6	HSDPA Subtest-2	20.17	20.92	30	PASS
4	1513	1752.6	HSDPA Subtest-3	20.66	21.41	30	PASS
4	1513	1752.6	HSDPA Subtest-4	20.40	21.15	30	PASS
4	1513	1752.6	HSUPA Subtest-1	20.01	20.76	30	PASS
4	1513	1752.6	HSUPA Subtest-2	20.50	21.25	30	PASS
4	1513	1752.6	HSUPA Subtest-3	20.56	21.31	30	PASS
4	1513	1752.6	HSUPA Subtest-4	20.48	21.23	30	PASS
4	1513	1752.6	HSUPA Subtest-5	20.33	21.08	30	PASS
5	4132	826.4	Voice	22.13	17.59	38.45	PASS
5	4132	826.4	RMC	22.19	17.65	38.45	PASS
5	4132	826.4	HSDPA Subtest-1	20.93	16.39	38.5	PASS
5	4132	826.4	HSDPA Subtest-2	20.62	16.08	38.5	PASS
5	4132	826.4	HSDPA Subtest-3	19.70	15.16	38.5	PASS
5	4132	826.4	HSDPA Subtest-4	20.09	15.55	38.5	PASS
5	4132	826.4	HSUPA Subtest-1	22.34	17.8	38.5	PASS
5	4132	826.4	HSUPA Subtest-2	21.83	17.29	38.5	PASS
5	4132	826.4	HSUPA Subtest-3	21.86	17.32	38.5	PASS



Report No.:SHATBL2512015W06

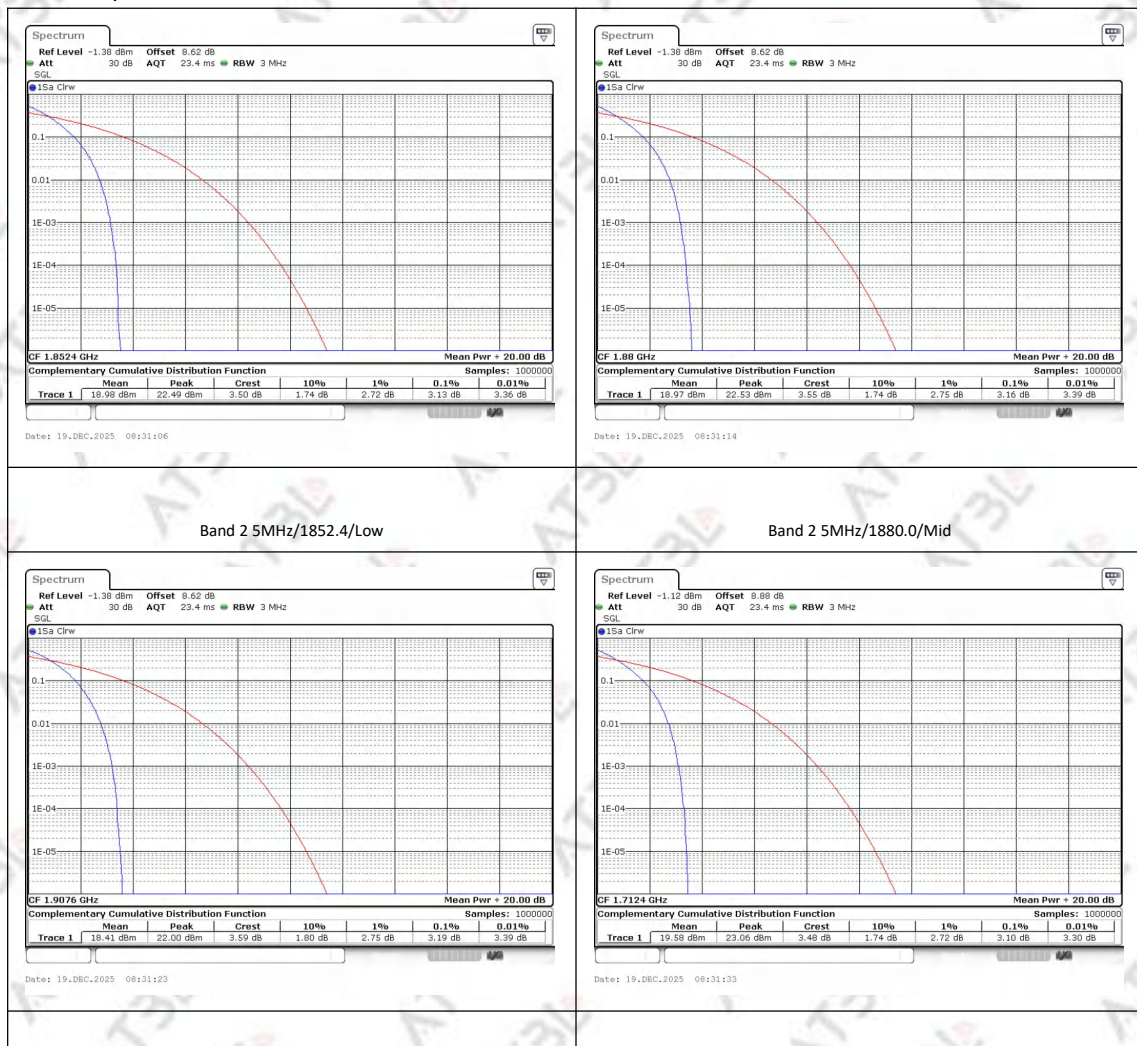
5	4132	826.4	HSUPA Subtest-4	21.65	17.11	38.5	PASS
5	4132	826.4	HSUPA Subtest-5	22.00	17.46	38.5	PASS
5	4182	836.4	Voice	21.55	17.01	38.45	PASS
5	4182	836.4	RMC	21.85	17.31	38.45	PASS
5	4182	836.4	HSDPA Subtest-1	20.43	15.89	38.5	PASS
5	4182	836.4	HSDPA Subtest-2	20.63	16.09	38.5	PASS
5	4182	836.4	HSDPA Subtest-3	20.21	15.67	38.5	PASS
5	4182	836.4	HSDPA Subtest-4	20.35	15.81	38.5	PASS
5	4182	836.4	HSUPA Subtest-1	21.88	17.34	38.5	PASS
5	4182	836.4	HSUPA Subtest-2	21.92	17.38	38.5	PASS
5	4182	836.4	HSUPA Subtest-3	21.70	17.16	38.5	PASS
5	4182	836.4	HSUPA Subtest-4	21.98	17.44	38.5	PASS
5	4182	836.4	HSUPA Subtest-5	21.79	17.25	38.5	PASS
5	4233	846.6	Voice	21.52	16.98	38.45	PASS
5	4233	846.6	RMC	22.02	17.48	38.45	PASS
5	4233	846.6	HSDPA Subtest-1	20.01	15.47	38.5	PASS
5	4233	846.6	HSDPA Subtest-2	19.86	15.32	38.5	PASS
5	4233	846.6	HSDPA Subtest-3	20.12	15.58	38.5	PASS
5	4233	846.6	HSDPA Subtest-4	20.36	15.82	38.5	PASS
5	4233	846.6	HSUPA Subtest-1	21.14	16.6	38.5	PASS
5	4233	846.6	HSUPA Subtest-2	21.65	17.11	38.5	PASS
5	4233	846.6	HSUPA Subtest-3	21.11	16.57	38.5	PASS
5	4233	846.6	HSUPA Subtest-4	21.45	16.91	38.5	PASS
5	4233	846.6	HSUPA Subtest-5	21.56	17.02	38.5	PASS

G2.Peak to Average Ratio

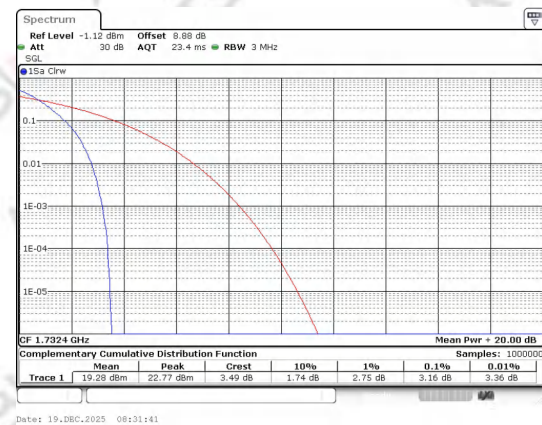
Test Result

Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
2	9262	1852.4	3.13	13	PASS
2	9400	1880.0	3.16	13	PASS
2	9538	1907.6	3.19	13	PASS
4	1312	1712.4	3.10	13	PASS
4	1412	1732.4	3.16	13	PASS
4	1513	1752.6	2.96	13	PASS
5	4132	826.4	3.01	13	PASS
5	4182	836.4	3.19	13	PASS
5	4233	846.6	3.22	13	PASS

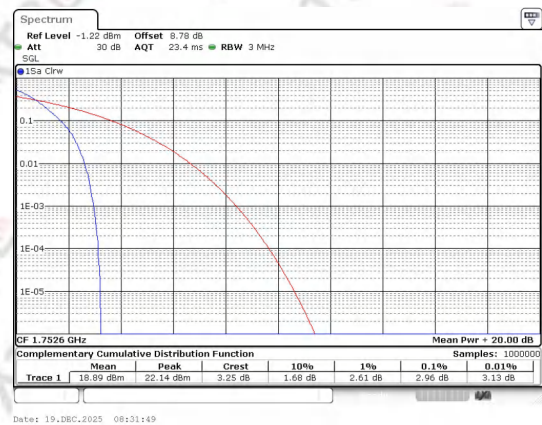
Test Graphs



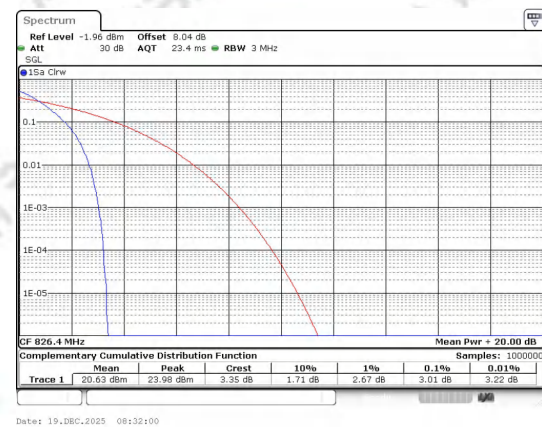
Band 2 5MHz/1907.6/High



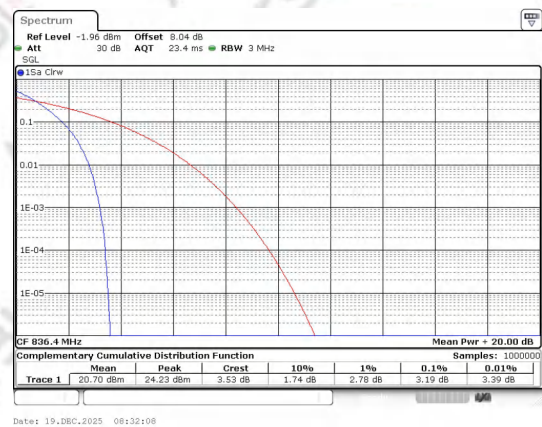
Band 4 5MHz/1712.4/Low



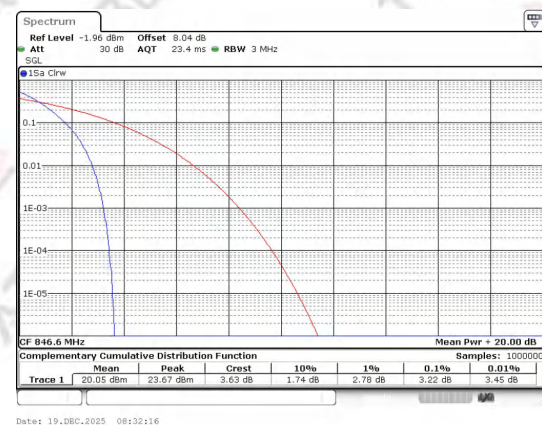
Band 4 5MHz/1732.4/Mid



Band 4 5MHz/1752.6/High



Band 5 5MHz/826.4/Low



Band 5 5MHz/836.4/Mid



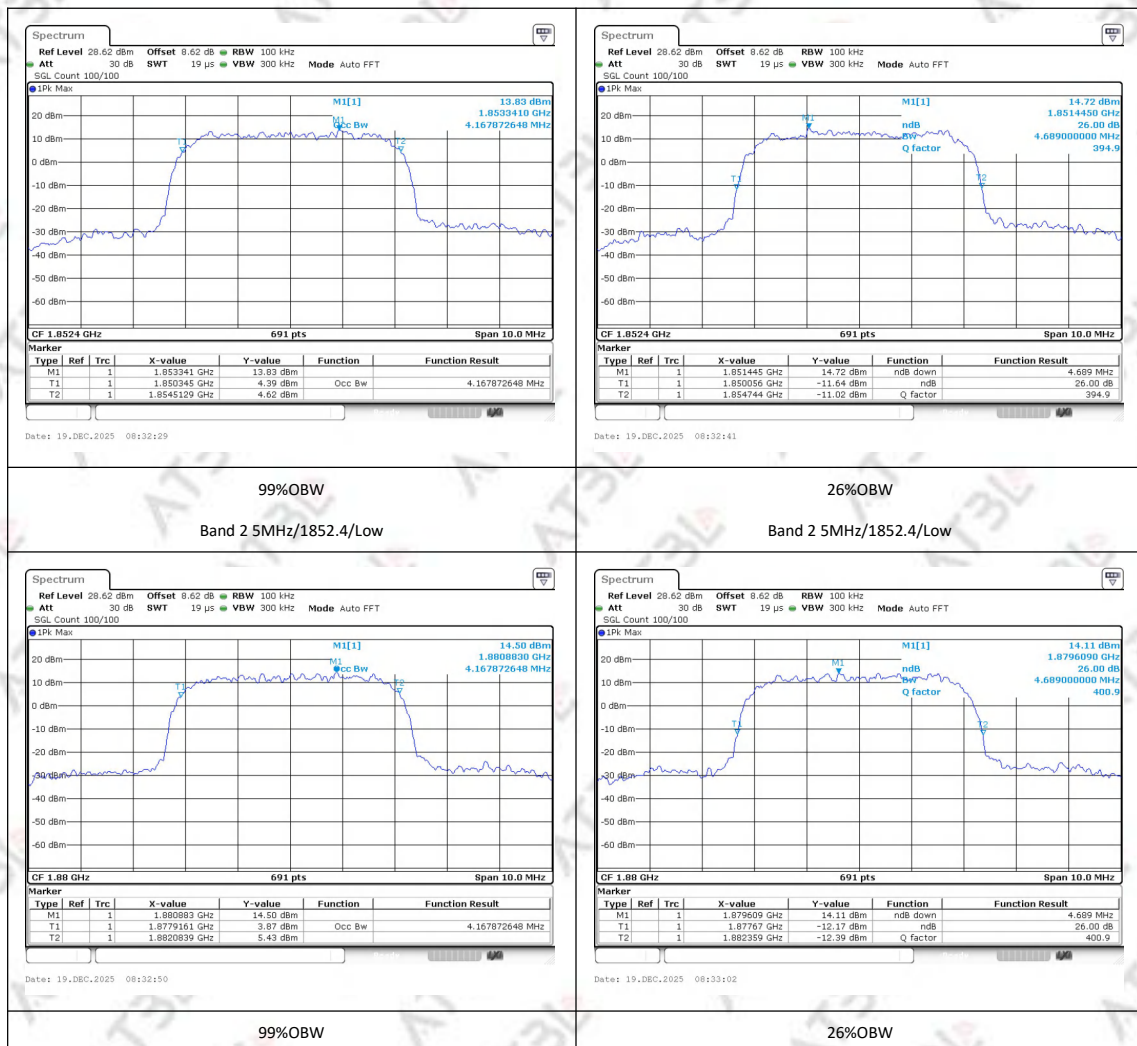
Band 5 5MHz/846.6/High

G3.Occupied Bandwidth

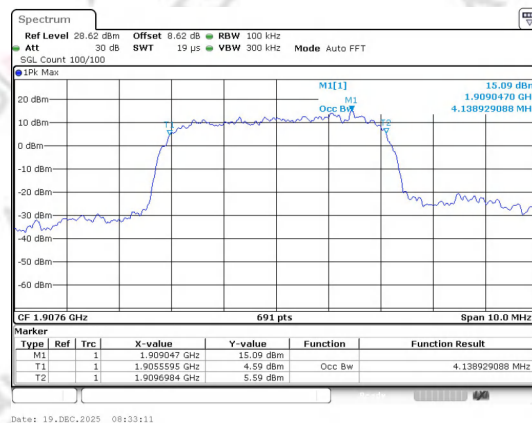
Test Result

Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
2	9262	1852.4	4.1679	4.689	PASS
2	9400	1880.0	4.1679	4.689	PASS
2	9538	1907.6	4.1389	4.645	PASS
4	1312	1712.4	4.1389	4.674	PASS
4	1412	1732.4	4.1534	4.645	PASS
4	1513	1752.6	4.1823	4.718	PASS
5	4132	826.4	4.1534	4.689	PASS
5	4182	836.4	4.1823	4.689	PASS
5	4233	846.6	4.1534	4.674	PASS

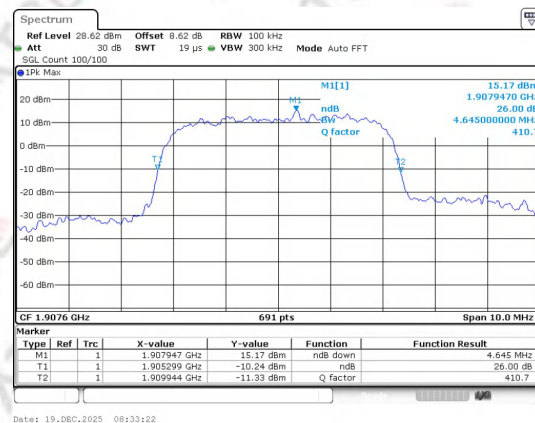
Test Graphs



Band 2 5MHz/1880.0/Mid

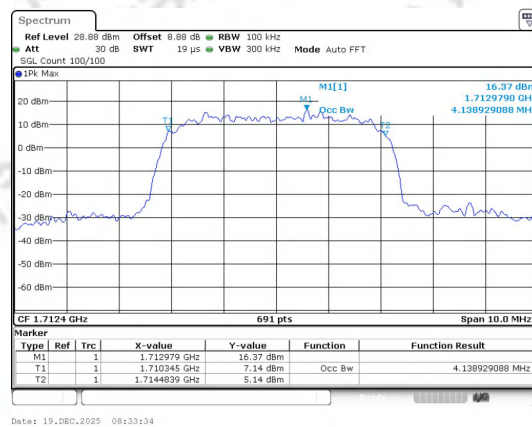


Band 2 5MHz/1880.0/Mid



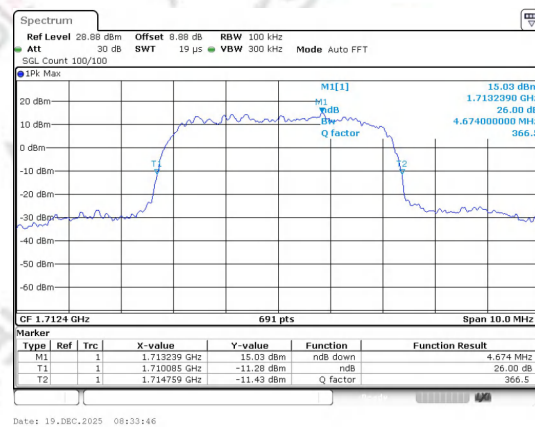
99%OBW

Band 2 5MHz/1907.6/High



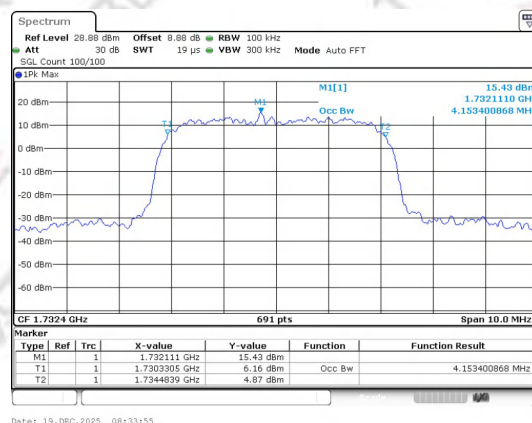
26%OBW

Band 2 5MHz/1907.6/High



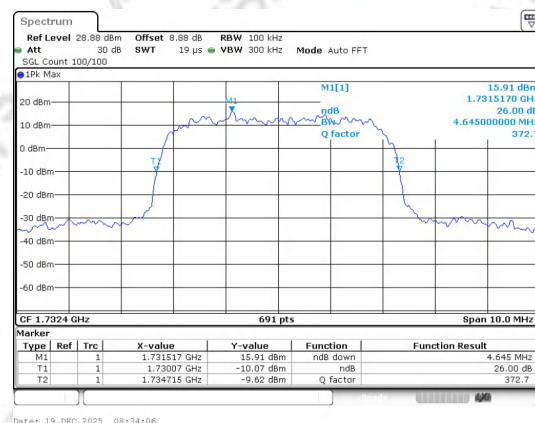
99%OBW

Band 4 5MHz/1712.4/Low



26%OBW

Band 4 5MHz/1712.4/Low

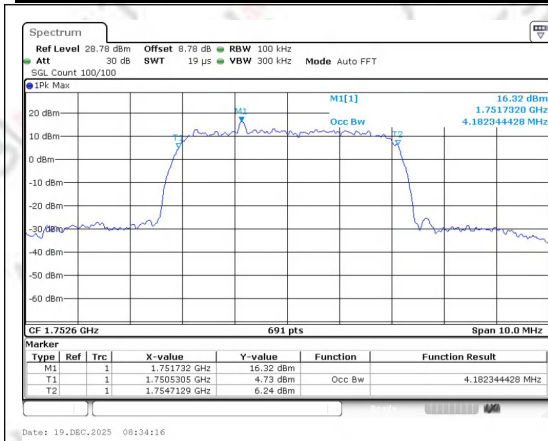


99%OBW

Band 4 5MHz/1732.4/Mid

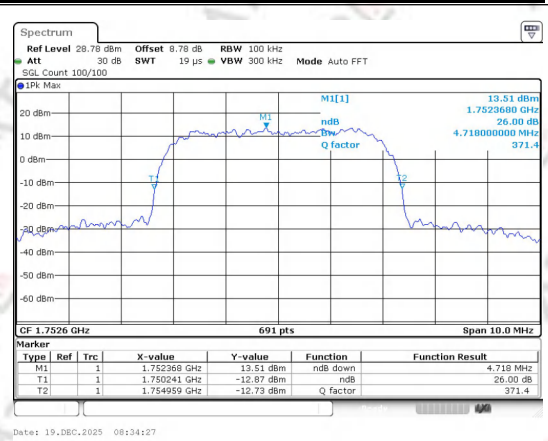
26%OBW

Band 4 5MHz/1732.4/Mid



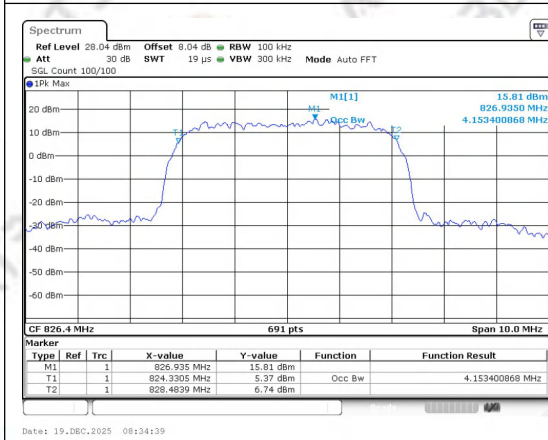
99%OBW

Band 4 5MHz/1752.6/High



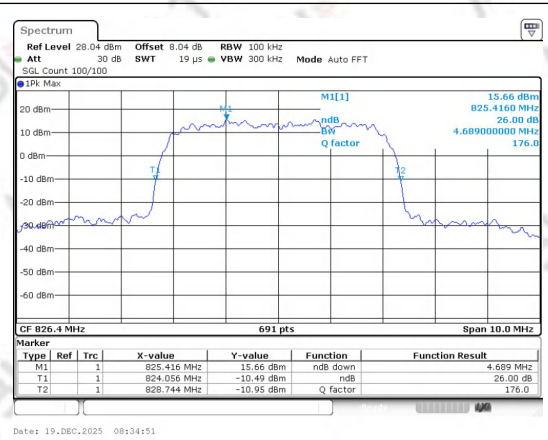
26%OBW

Band 4 5MHz/1752.6/High



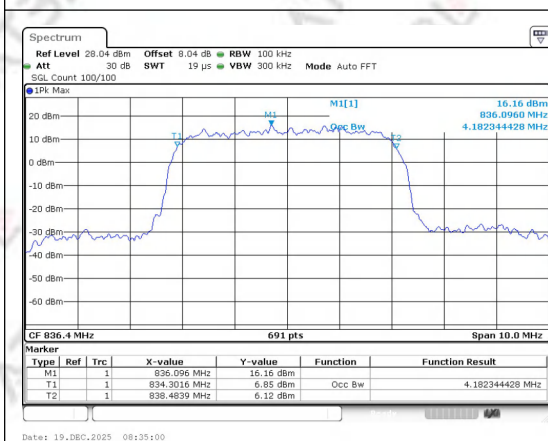
99%OBW

Band 5 5MHz/826.4/Low



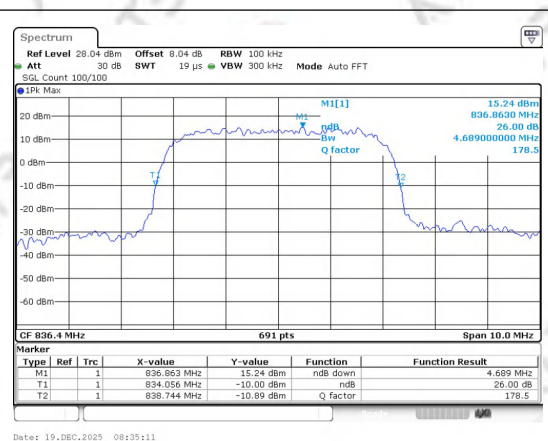
26%OBW

Band 5 5MHz/826.4/Low



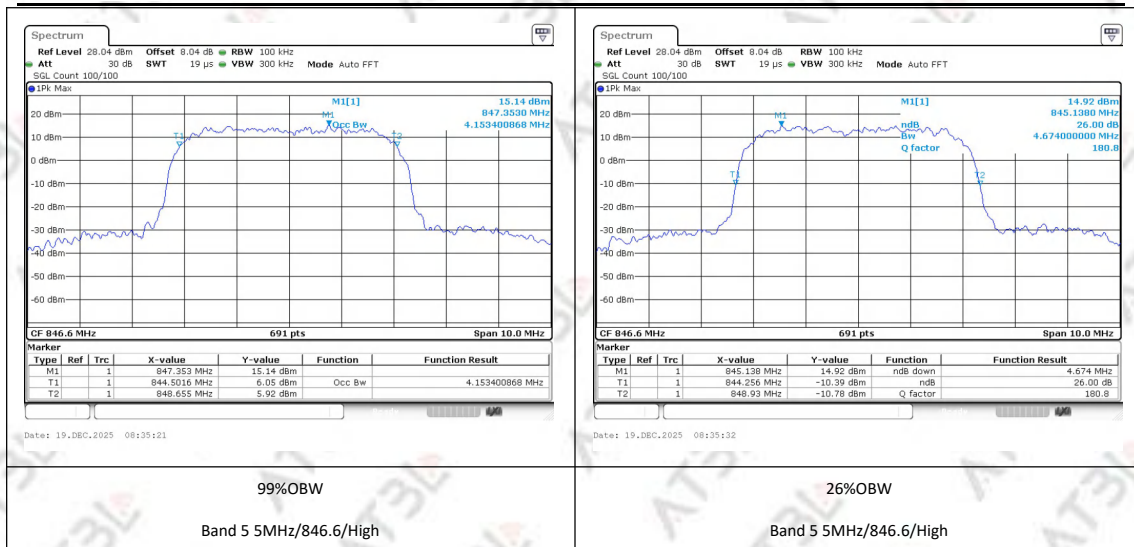
99%OBW

Band 5 5MHz/836.4/Mid



26%OBW

Band 5 5MHz/836.4/Mid



G4.Conducted Spurious Emissions

Test Result

Band	Channel	Freq (MHz)	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
2	9262	1852.4	0.009	0.15	-53.32	-43	PASS
2	9262	1852.4	0.15	30.0	-54.88	-23	PASS
2	9262	1852.4	30.0	1000.0	-27.26	-13	PASS
2	9262	1852.4	1000.0	4000.0	-23.44	-13	PASS
2	9262	1852.4	4000.0	7000.0	-44.19	-13	PASS
2	9262	1852.4	7000.0	10000.0	-43.04	-13	PASS
2	9262	1852.4	10000.0	13000.0	-39.69	-13	PASS
2	9262	1852.4	13000.0	16000.0	-36.38	-13	PASS
2	9262	1852.4	16000.0	19000.0	-34.53	-13	PASS
2	9262	1852.4	19000.0	20000.0	-33.53	-13	PASS
2	9400	1880.0	0.009	0.15	-53.43	-43	PASS
2	9400	1880.0	0.15	30.0	-56.11	-23	PASS
2	9400	1880.0	30.0	1000.0	-28.77	-13	PASS
2	9400	1880.0	1000.0	4000.0	-22.72	-13	PASS
2	9400	1880.0	4000.0	7000.0	-45.45	-13	PASS
2	9400	1880.0	7000.0	10000.0	-42.59	-13	PASS
2	9400	1880.0	10000.0	13000.0	-39.93	-13	PASS
2	9400	1880.0	13000.0	16000.0	-36.13	-13	PASS
2	9400	1880.0	16000.0	19000.0	-34.55	-13	PASS
2	9400	1880.0	19000.0	20000.0	-33.07	-13	PASS
2	9538	1907.6	0.009	0.15	-53.47	-43	PASS
2	9538	1907.6	0.15	30.0	-39.47	-23	PASS
2	9538	1907.6	30.0	1000.0	-27.42	-13	PASS
2	9538	1907.6	1000.0	4000.0	-23.7	-13	PASS
2	9538	1907.6	4000.0	7000.0	-45.22	-13	PASS
2	9538	1907.6	7000.0	10000.0	-42.44	-13	PASS
2	9538	1907.6	10000.0	13000.0	-39.58	-13	PASS
2	9538	1907.6	13000.0	16000.0	-36.67	-13	PASS
2	9538	1907.6	16000.0	19000.0	-33.82	-13	PASS
2	9538	1907.6	19000.0	20000.0	-33.11	-13	PASS
4	1312	1712.4	0.009	0.15	-52.67	-43	PASS
4	1312	1712.4	0.15	30.0	-55.53	-23	PASS
4	1312	1712.4	30.0	1000.0	-29.66	-13	PASS
4	1312	1712.4	1000.0	4000.0	-23.74	-13	PASS
4	1312	1712.4	4000.0	7000.0	-45.53	-13	PASS
4	1312	1712.4	7000.0	10000.0	-43.47	-13	PASS



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4	1312	1712.4	10000.0	13000.0	-39.83	-13	PASS
4	1312	1712.4	13000.0	16000.0	-36.63	-13	PASS
4	1312	1712.4	16000.0	19000.0	-33.72	-13	PASS
4	1312	1712.4	19000.0	20000.0	-32.95	-13	PASS
4	1412	1732.4	0.009	0.15	-52.3	-43	PASS
4	1412	1732.4	0.15	30.0	-55.61	-23	PASS
4	1412	1732.4	30.0	1000.0	-27.7	-13	PASS
4	1412	1732.4	1000.0	4000.0	-23.12	-13	PASS
4	1412	1732.4	4000.0	7000.0	-45.68	-13	PASS
4	1412	1732.4	7000.0	10000.0	-42.77	-13	PASS
4	1412	1732.4	10000.0	13000.0	-39.85	-13	PASS
4	1412	1732.4	13000.0	16000.0	-36.65	-13	PASS
4	1412	1732.4	16000.0	19000.0	-34.15	-13	PASS
4	1412	1732.4	19000.0	20000.0	-32.48	-13	PASS
4	1513	1752.6	0.009	0.15	-50.85	-43	PASS
4	1513	1752.6	0.15	30.0	-55.79	-23	PASS
4	1513	1752.6	30.0	1000.0	-27.38	-13	PASS
4	1513	1752.6	1000.0	4000.0	-23.04	-13	PASS
4	1513	1752.6	4000.0	7000.0	-45.38	-13	PASS
4	1513	1752.6	7000.0	10000.0	-43.07	-13	PASS
4	1513	1752.6	10000.0	13000.0	-40.01	-13	PASS
4	1513	1752.6	13000.0	16000.0	-36.97	-13	PASS
4	1513	1752.6	16000.0	19000.0	-34.28	-13	PASS
4	1513	1752.6	19000.0	20000.0	-32.82	-13	PASS
5	4132	826.4	0.009	0.15	-52.37	-33	PASS
5	4132	826.4	0.15	30.0	-55.41	-13	PASS
5	4132	826.4	30.0	1000.0	-37.43	-13	PASS
5	4132	826.4	1000.0	4000.0	-40.26	-13	PASS
5	4132	826.4	4000.0	7000.0	-45.1	-13	PASS
5	4132	826.4	7000.0	10000.0	-42.65	-13	PASS
5	4182	836.4	0.009	0.15	-52.6	-33	PASS
5	4182	836.4	0.15	30.0	-54.75	-13	PASS
5	4182	836.4	30.0	1000.0	-34.62	-13	PASS
5	4182	836.4	1000.0	4000.0	-40.35	-13	PASS
5	4182	836.4	4000.0	7000.0	-44.67	-13	PASS
5	4182	836.4	7000.0	10000.0	-42.66	-13	PASS
5	4233	846.6	0.009	0.15	-52.79	-33	PASS
5	4233	846.6	0.15	30.0	-56.15	-13	PASS
5	4233	846.6	30.0	1000.0	-38.04	-13	PASS
5	4233	846.6	1000.0	4000.0	-40.01	-13	PASS
5	4233	846.6	4000.0	7000.0	-44.05	-13	PASS
5	4233	846.6	7000.0	10000.0	-42.66	-13	PASS

Test Graphs

