Appendix G

G1.Transmitter Conducted Output Power And ERP/EIRP

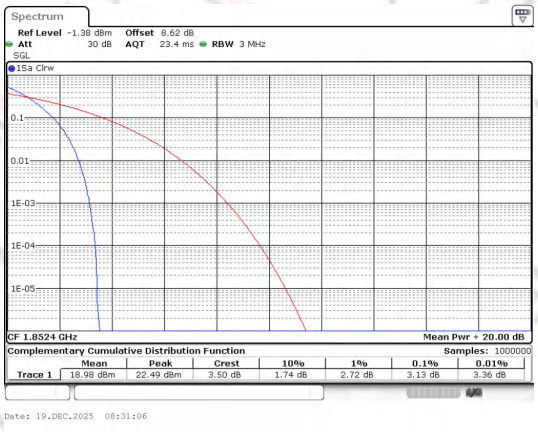
Band	Channel	Freq (MHz)	Connection Type	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (Limit) (dBm)	Verdict
2	9262	1852.4	Voice	20.70	19.9	33.01	PASS
2	9262	1852.4	RMC	21.36	20.56	33.01	PASS
2	9262	1852.4	HSDPA Subtest-1	19.93	19.13	33.01	PASS
2	9262	1852.4	HSDPA Subtest-2	19.80	19	33.01	PASS
2	9262	1852.4	HSDPA Subtest-3	19.01	18.21	33.01	PASS
2	9262	1852.4	HSDPA Subtest-4	19.92	19.12	33.01	PASS
2	9262	1852.4	HSUPA Subtest-1	20.49	19.69	33.01	PASS
2	9262	1852.4	HSUPA Subtest-2	19.49	18.69	33.01	PASS
2	9262	1852.4	HSUPA Subtest-3	19.73	18.93	33.01	PASS
2	9262	1852.4	HSUPA Subtest-4	19.47	18.67	33.01	PASS
2	9262	1852.4	HSUPA Subtest-5	20.40	19.6	33.01	PASS
2	9400	1880.0	Voice	20.31	19.51	33.01	PASS
2	9400	1880.0	RMC	20.69	19.89	33.01	PASS
2	9400	1880.0	HSDPA Subtest-1	19.51	18.71	33.01	PASS
2	9400	1880.0	HSDPA Subtest-2	19.26	18.46	33.01	PASS
2	9400	1880.0	HSDPA Subtest-3	18.81	18.01	33.01	PASS
2	9400	1880.0	HSDPA Subtest-4	18.66	17.86	33.01	PASS
2	9400	1880.0	HSUPA Subtest-1	19.17	18.37	33.01	PASS
2	9400	1880.0	HSUPA Subtest-2	19.64	18.84	33.01	PASS
2	9400	1880.0	HSUPA Subtest-3	19.53	18.73	33.01	PASS
2	9400	1880.0	HSUPA Subtest-4	19.42	18.62	33.01	PASS
2	9400	1880.0	HSUPA Subtest-5	19.18	18.38	33.01	PASS
2	9538	1907.6	Voice	20.32	19.52	33.01	PASS
2	9538	1907.6	RMC	20.88	20.08	33.01	PASS
2	9538	1907.6	HSDPA Subtest-1	19.13	18.33	33.01	PASS
2	9538	1907.6	HSDPA Subtest-2	18.81	18.01	33.01	PASS
2	9538	1907.6	HSDPA Subtest-3	17.93	17.13	33.01	PASS
2	9538	1907.6	HSDPA Subtest-4	19.27	18.47	33.01	PASS
2	9538	1907.6	HSUPA Subtest-1	19.01	18.21	33.01	PASS
2	9538	1907.6	HSUPA Subtest-2	19.15	18.35	33.01	PASS
2	9538	1907.6	HSUPA Subtest-3	19.14	18.34	33.01	PASS
2	9538	1907.6	HSUPA Subtest-4	19.07	18.27	33.01	PASS
2	9538	1907.6	HSUPA Subtest-5	19.79	18.99	33.01	PASS
4	1312	1712.4	Voice	20.73	19.43	30	PASS
4	1312	1712.4	RMC	21.52	20.22	30	PASS

4	1312	1712.4	HSDPA Subtest-1	21.22	19.92	30	PASS
4	1312	1712.4	HSDPA Subtest-2	20.99	19.69	30	PASS
4	1312	1712.4	HSDPA Subtest-3	21.27	19.97	30	PASS
4	1312	1712.4	HSDPA Subtest-4	21.13	19.83	30	PASS
4	1312	1712.4	HSUPA Subtest-1	21.38	20.08	30	PASS
4	1312	1712.4	HSUPA Subtest-2	20.82	19.52	30	PASS
4	1312	1712.4	HSUPA Subtest-3	20.98	19.68	30	PASS
4	1312	1712.4	HSUPA Subtest-4	21.28	19.98	30	PASS
4	1312	1712.4	HSUPA Subtest-5	21.08	19.78	30	PASS
4	1412	1732.4	Voice	20.99	19.69	30	PASS
4	1412	1732.4	RMC	20.82	19.52	30	PASS
4	1412	1732.4	HSDPA Subtest-1	21.35	20.05	30	PASS
4	1412	1732.4	HSDPA Subtest-2	21.27	19.97	30	PASS
4	1412	1732.4	HSDPA Subtest-3	21.82	20.52	30	PASS
4	1412	1732.4	HSDPA Subtest-4	21.86	20.56	30	PASS
4	1412	1732.4	HSUPA Subtest-1	21.73	20.43	30	PASS
4	1412	1732.4	HSUPA Subtest-2	21.80	20.5	30	PASS
4	1412	1732.4	HSUPA Subtest-3	21.87	20.57	30	PASS
4	1412	1732.4	HSUPA Subtest-4	21.53	20.23	30	PASS
4	1412	1732.4	HSUPA Subtest-5	20.95	19.65	30	PASS
4	1513	1752.6	Voice	21.58	20.28	30	PASS
4	1513	1752.6	RMC	21.17	19.87	30	PASS
4	1513	1752.6	HSDPA Subtest-1	20.81	19.51	30	PASS
4	1513	1752.6	HSDPA Subtest-2	20.90	19.6	30	PASS
4	1513	1752.6	HSDPA Subtest-3	21.65	20.35	30	PASS
4	1513	1752.6	HSDPA Subtest-4	20.99	19.69	30	PASS
4	1513	1752.6	HSUPA Subtest-1	21.44	20.14	30	PASS
4	1513	1752.6	HSUPA Subtest-2	20.63	19.33	30	PASS
4	1513	1752.6	HSUPA Subtest-3	21.14	19.84	30	PASS
4	1513	1752.6	HSUPA Subtest-4	20.78	19.48	30	PASS
4	1513	1752.6	HSUPA Subtest-5	21.42	20.12	30	PASS
5	4132	826.4	Voice	21.31	16.66	38.45	PASS
5	4132	826.4	RMC	22.19	17.54	38.45	PASS
5	4132	826.4	HSDPA Subtest-1	21.12	16.47	38.5	PASS
5	4132	826.4	HSDPA Subtest-2	20.64	15.99	38.5	PASS
5	4132	826.4	HSDPA Subtest-3	19.76	15.11	38.5	PASS
5	4132	826.4	HSDPA Subtest-4	20.17	15.52	38.5	PASS
5	4132	826.4	HSUPA Subtest-1	21.99	17.34	38.5	PASS
5	4132	826.4	HSUPA Subtest-2	21.39	16.74	38.5	PASS
5	4132	826.4	HSUPA Subtest-3	21.64	16.99	38.5	PASS
5	4132	826.4	HSUPA Subtest-4	21.79	17.14	38.5	PASS
5	4132	826.4	HSUPA Subtest-5	21.29	16.64	38.5	PASS
5	4182	836.4	Voice	21.65	17	38.45	PASS

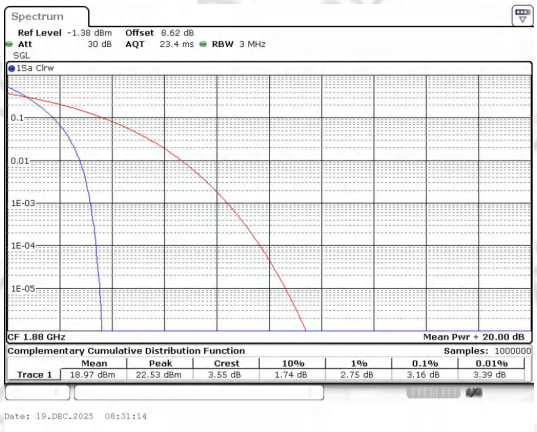
5	4182	836.4	RMC	21.52	16.87	38.45	PASS
5	4182	836.4	HSDPA Subtest-1	21.40	16.75	38.5	PASS
5	4182	836.4	HSDPA Subtest-2	20.88	16.23	38.5	PASS
5	4182	836.4	HSDPA Subtest-3	20.82	16.17	38.5	PASS
5	4182	836.4	HSDPA Subtest-4	20.77	16.12	38.5	PASS
5	4182	836.4	HSUPA Subtest-1	22.40	17.75	38.5	PASS
5	4182	836.4	HSUPA Subtest-2	21.56	16.91	38.5	PASS
5	4182	836.4	HSUPA Subtest-3	22.25	17.6	38.5	PASS
5	4182	836.4	HSUPA Subtest-4	21.87	17.22	38.5	PASS
5	4182	836.4	HSUPA Subtest-5	21.89	17.24	38.5	PASS
5	4233	846.6	Voice	21.94	17.29	38.45	PASS
5	4233	846.6	RMC	21.23	16.58	38.45	PASS
5	4233	846.6	HSDPA Subtest-1	21.26	16.61	38.5	PASS
5	4233	846.6	HSDPA Subtest-2	20.85	16.2	38.5	PASS
5	4233	846.6	HSDPA Subtest-3	20.13	15.48	38.5	PASS
5	4233	846.6	HSDPA Subtest-4	20.69	16.04	38.5	PASS
5	4233	846.6	HSUPA Subtest-1	22.24	17.59	38.5	PASS
5	4233	846.6	HSUPA Subtest-2	21.60	16.95	38.5	PASS
5	4233	846.6	HSUPA Subtest-3	21.44	16.79	38.5	PASS
5	4233	846.6	HSUPA Subtest-4	22.08	17.43	38.5	PASS
5	4233	846.6	HSUPA Subtest-5	22.19	17.54	38.5	PASS

G2.Peak to Average Ratio

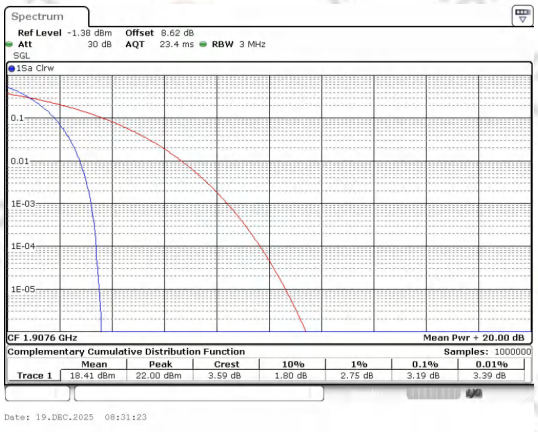
Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
2	9262	1852.4	3.13	13	PASS
2	9400	1880.0	3.16	13	PASS
2	9538	1907.6	3.19	13	PASS
4	1312	1712.4	3.10	13	PASS
4	1412	1732.4	3.16	13	PASS
4	1513	1752.6	2.96	13	PASS
5	4132	826.4	3.01	13	PASS
5	4182	836.4	3.19	13	PASS
5	4233	846.6	3.22	13	PASS



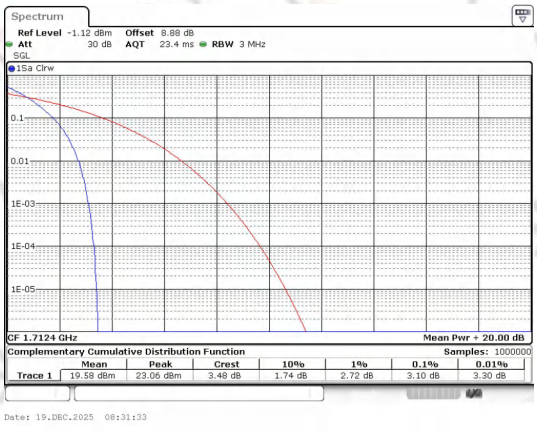
Band 2 5MHz/1852.4/Low



Band 2 5MHz/1880.0/Mid

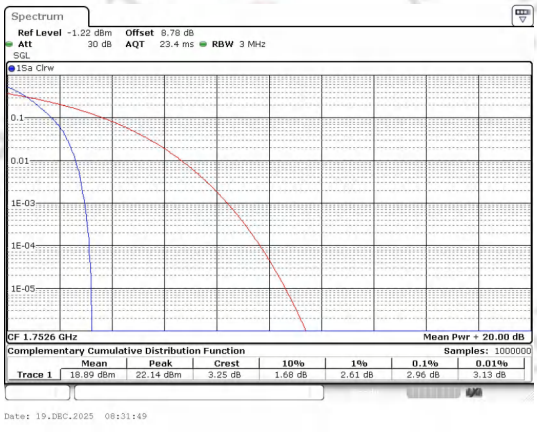


Band 2 5MHz/1907.6/High



Band 4 5MHz/1712.4/Low

Band 4 5MHz/1732.4/Mid



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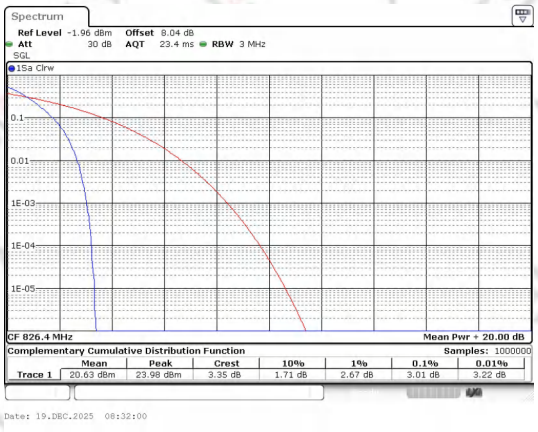
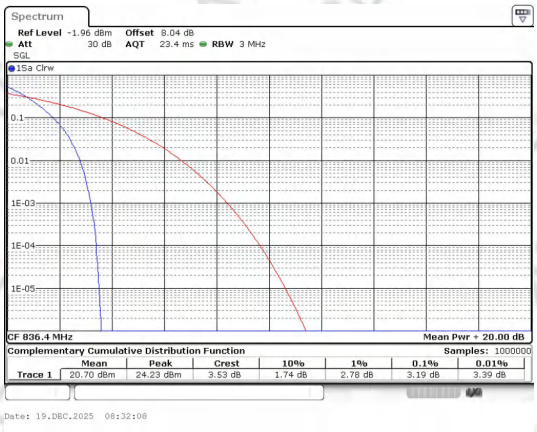
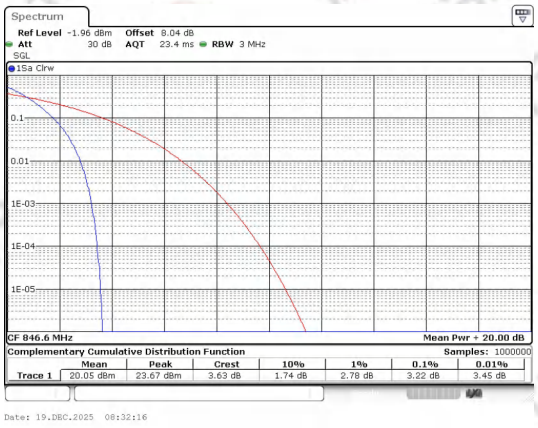


Band 5 5MHz/826.4/Low



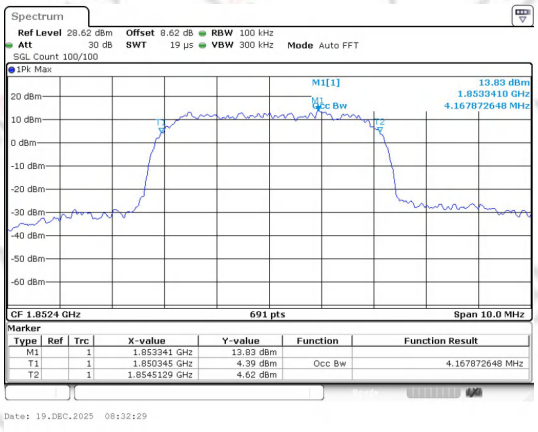
Band 5 5MHz/836.4/Mid



Band 5 5MHz/846.6/High

G3.Occupied Bandwidth

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



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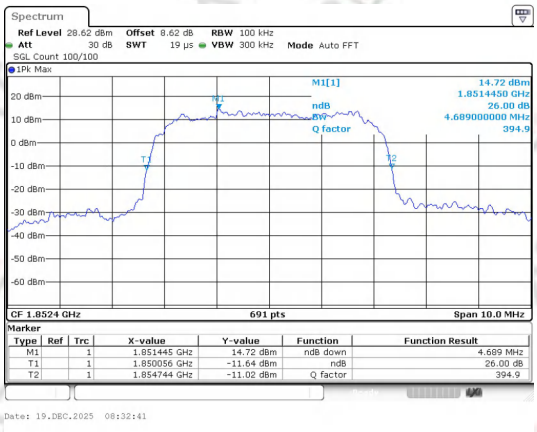
Band 2 5MHz/1852.4/Low



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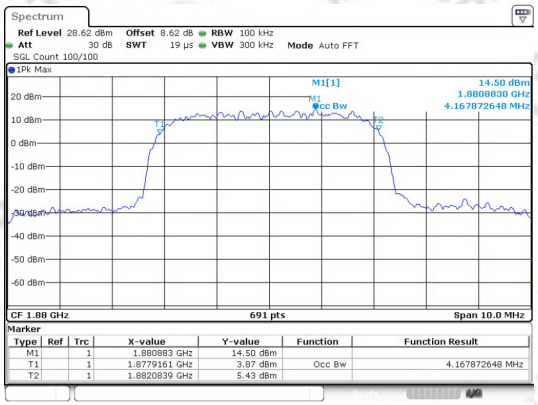
Band 2 5MHz/1852.4/Low



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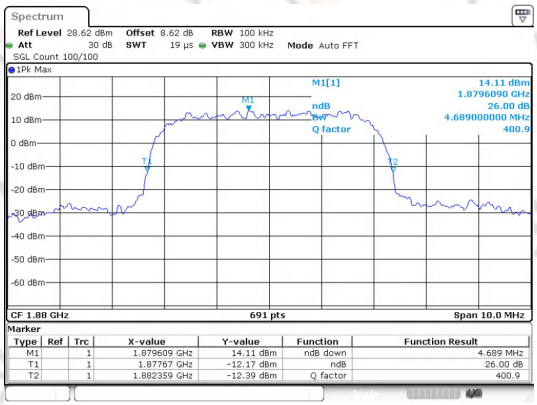
Band 2 5MHz/1880.0/Mid



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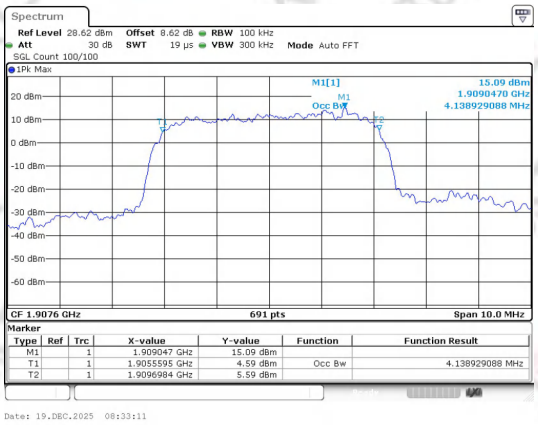
Band 2 5MHz/1880.0/Mid



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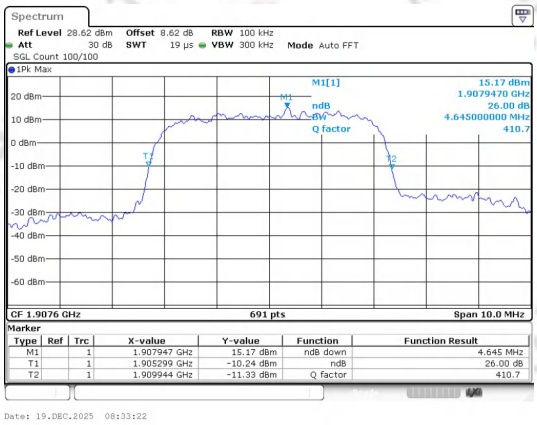
Band 2 5MHz/1907.6/High



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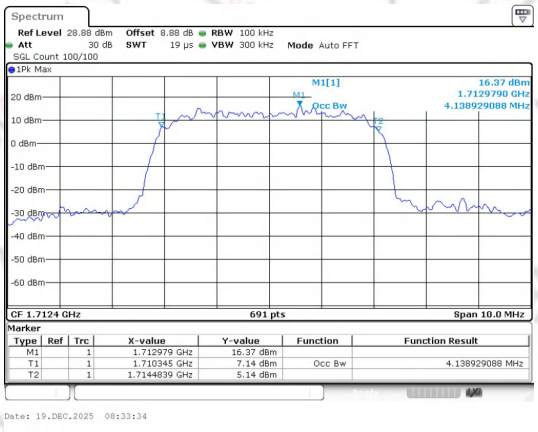
Band 2 5MHz/1907.6/High



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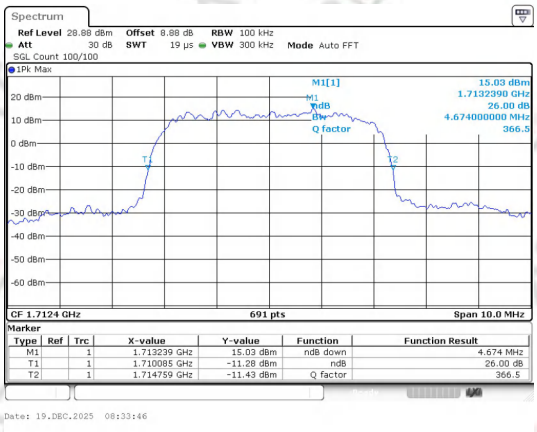
Band 4 5MHz/1712.4/Low



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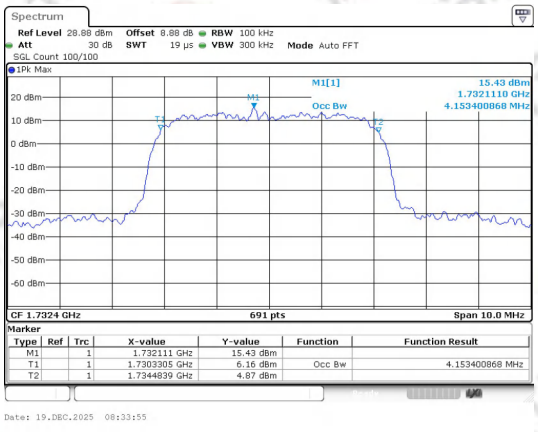
Band 4 5MHz/1712.4/Low



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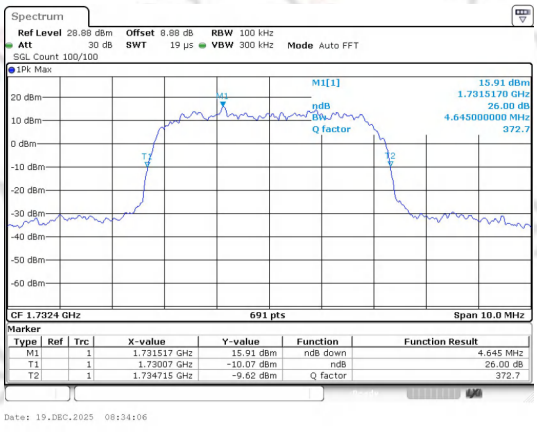
Band 4 5MHz/1732.4/Mid



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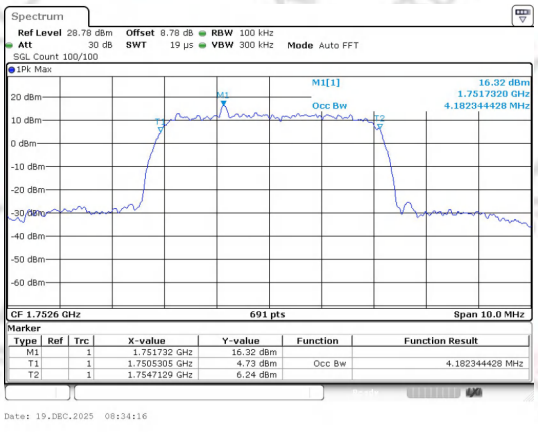
Band 4 5MHz/1732.4/Mid



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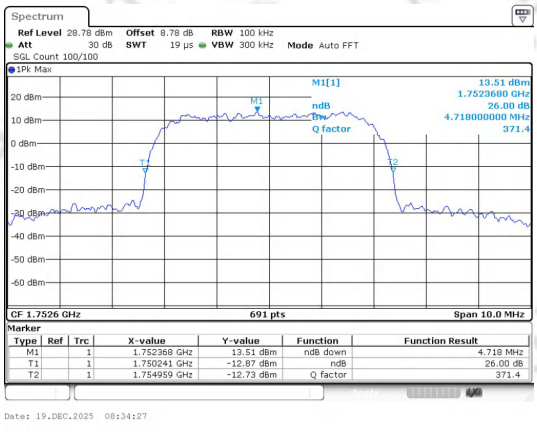
Band 4 5MHz/1752.6/High



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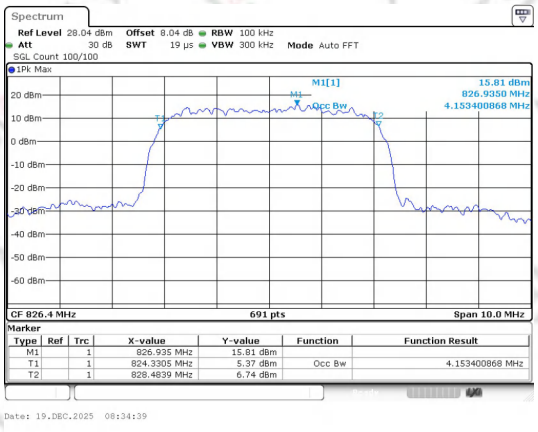
Band 4 5MHz/1752.6/High



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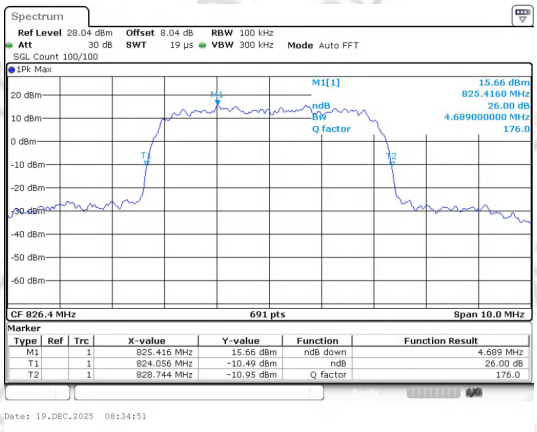
Band 5 5MHz/826.4/Low



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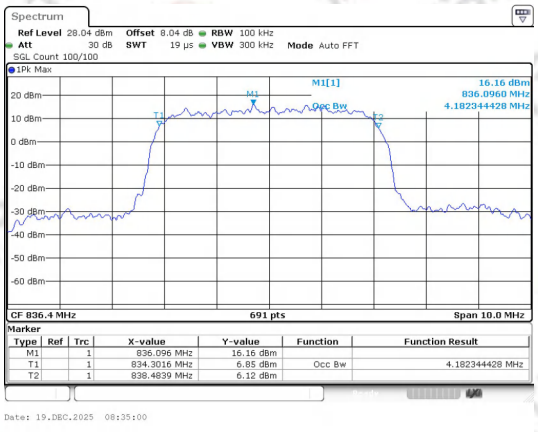
Band 5 5MHz/826.4/Low



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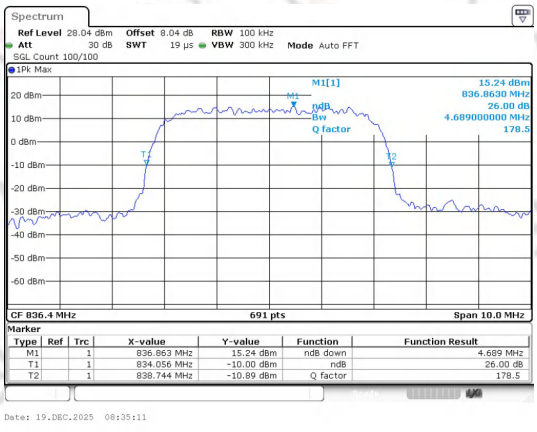
Band 5 5MHz/836.4/Mid



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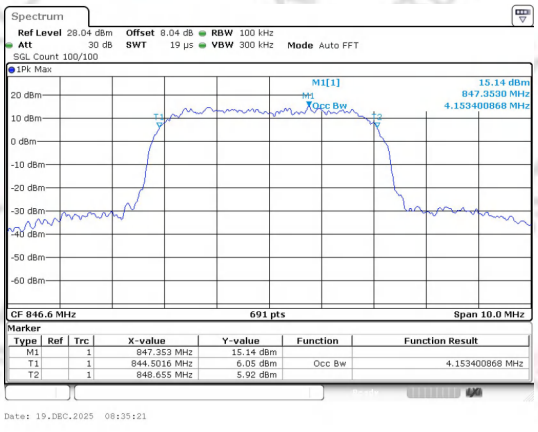
Band 5 5MHz/836.4/Mid



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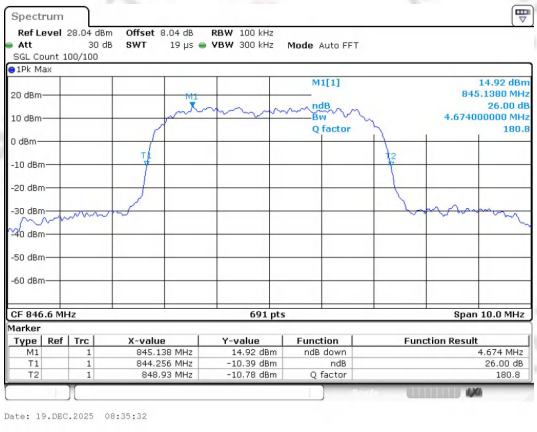
Band 5 5MHz/846.6/High

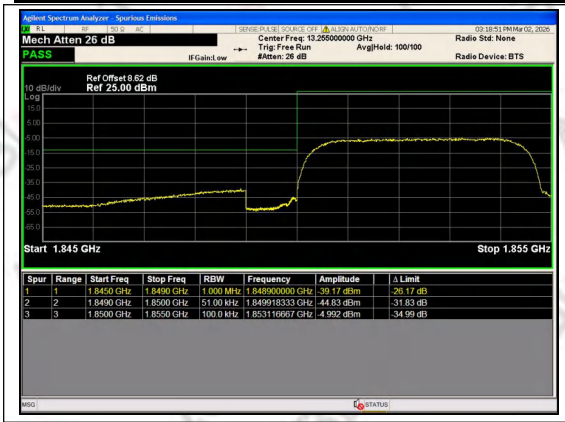


26%OBW

Band 5 5MHz/846.6/High

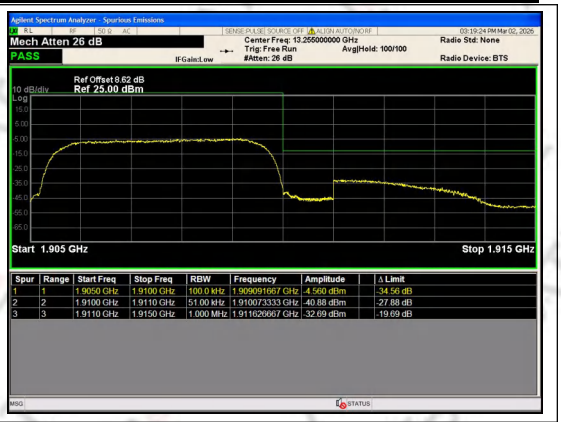
G4.Conducted Band Edge

Band	Channel	Freq (MHz)	Result	Verdict
2	9262	1852.4	see graph	PASS
2	9538	1907.6	see graph	PASS
4	1312	1712.4	see graph	PASS
4	1513	1752.6	see graph	PASS
5	4132	826.4	see graph	PASS
5	4233	846.6	see graph	PASS



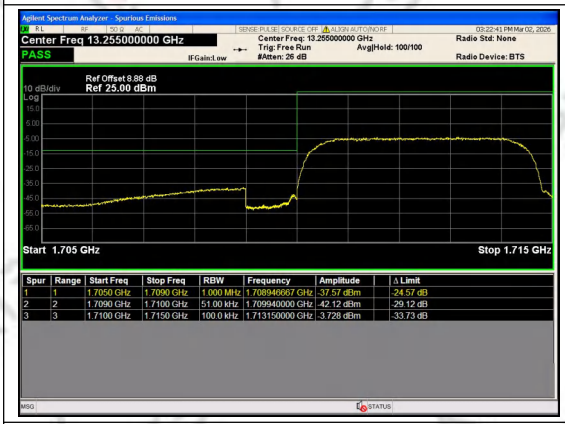
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.8450 GHz	1.8490 GHz	1.000 MHz	1.848900000 GHz	-39.17 dBm	-26.17 dB
2	2	1.8490 GHz	1.8500 GHz	51.00 kHz	1.849918333 GHz	-44.83 dBm	-31.83 dB
3	3	1.8500 GHz	1.8550 GHz	100.0 kHz	1.853116667 GHz	-4.992 dBm	-34.99 dB

Band 2 5MHz/1852.4/Low



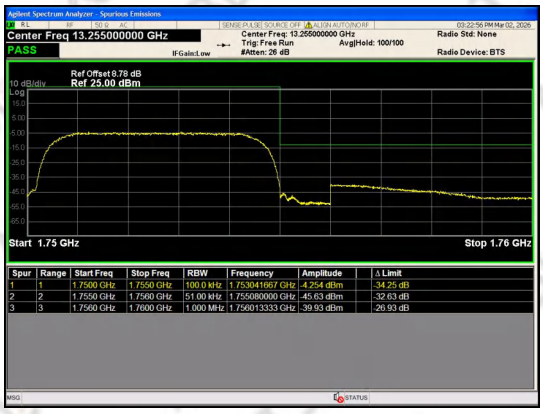
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.9050 GHz	1.9100 GHz	100.0 kHz	1.909091667 GHz	-4.560 dBm	-34.56 dB
2	2	1.9100 GHz	1.9110 GHz	51.00 kHz	1.910073333 GHz	-40.88 dBm	-27.88 dB
3	3	1.9110 GHz	1.9150 GHz	1.000 MHz	1.911026667 GHz	-32.69 dBm	-19.69 dB

Band 2 5MHz/1907.6/High



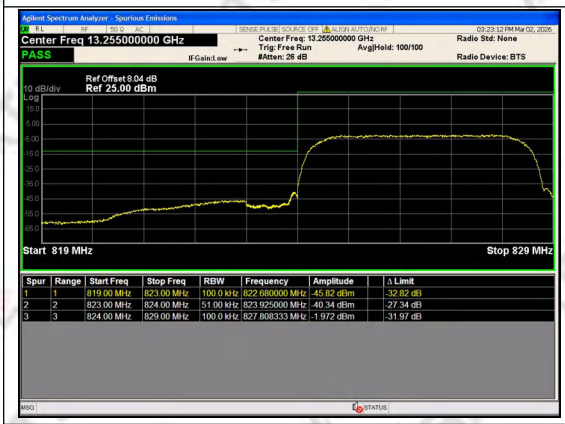
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7050 GHz	1.7090 GHz	1.000 MHz	1.708946667 GHz	-37.57 dBm	-24.57 dB
2	2	1.7090 GHz	1.7100 GHz	51.00 kHz	1.709940000 GHz	-42.12 dBm	-29.12 dB
3	3	1.7100 GHz	1.7150 GHz	100.0 kHz	1.713150000 GHz	-3.726 dBm	-33.73 dB

Band 4 5MHz/1712.4/Low



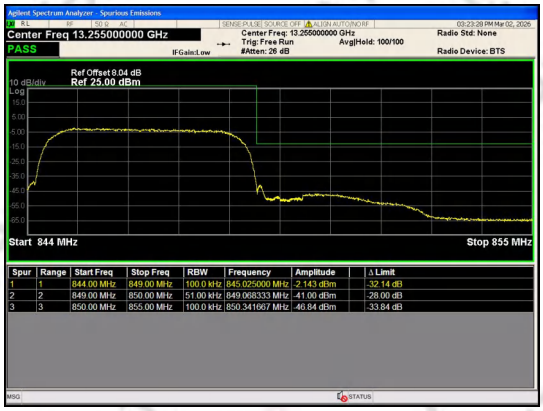
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7500 GHz	1.7550 GHz	100.0 kHz	1.753041667 GHz	-4.254 dBm	-34.25 dB
2	2	1.7550 GHz	1.7560 GHz	51.00 kHz	1.755080000 GHz	-45.63 dBm	-32.63 dB
3	3	1.7560 GHz	1.7600 GHz	1.000 MHz	1.756013333 GHz	-39.93 dBm	-26.93 dB

Band 4 5MHz/1752.6/High



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	819.00 MHz	823.00 MHz	100.0 kHz	822.680000 MHz	-45.82 dBm	-32.82 dB
2	2	823.00 MHz	824.00 MHz	51.00 kHz	823.925000 MHz	-40.34 dBm	-27.34 dB
3	3	824.00 MHz	829.00 MHz	100.0 kHz	827.808333 MHz	-1.972 dBm	-31.97 dB

Band 5 5MHz/826.4/Low



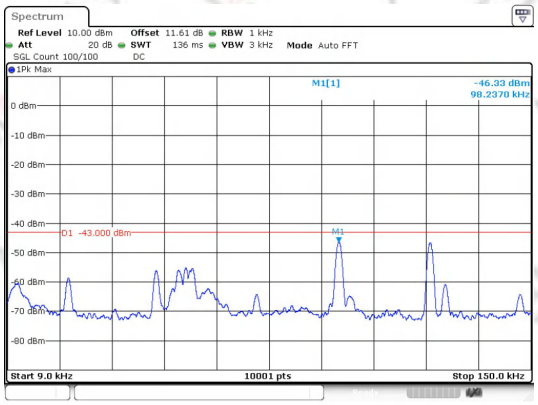
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	844.00 MHz	849.00 MHz	100.0 kHz	845.025000 MHz	-2.143 dBm	-32.14 dB
2	2	849.00 MHz	850.00 MHz	51.00 kHz	849.068333 MHz	-41.00 dBm	-28.00 dB
3	3	850.00 MHz	855.00 MHz	100.0 kHz	850.341667 MHz	-46.84 dBm	-33.84 dB

Band 5 5MHz/846.6/High

G5.Conducted Spurious Emissions

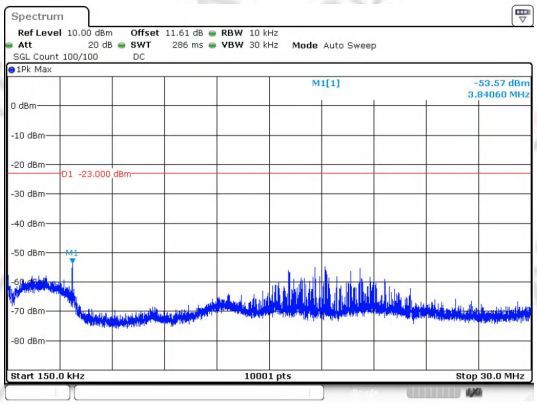
Band	Channel	Freq (MHz)	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
2	9262	1852.4	0.009	0.15	-46.33	-43	PASS
2	9262	1852.4	0.15	30.0	-53.57	-23	PASS
2	9262	1852.4	30.0	1000.0	-31.3	-13	PASS
2	9262	1852.4	1000.0	4000.0	-26.08	-13	PASS
2	9262	1852.4	4000.0	7000.0	-39.79	-13	PASS
2	9262	1852.4	7000.0	10000.0	-42.88	-13	PASS
2	9262	1852.4	10000.0	13000.0	-40.79	-13	PASS
2	9262	1852.4	13000.0	16000.0	-37.62	-13	PASS
2	9262	1852.4	16000.0	19000.0	-35.12	-13	PASS
2	9262	1852.4	19000.0	20000.0	-35.03	-13	PASS
2	9400	1880.0	0.009	0.15	-47.16	-43	PASS
2	9400	1880.0	0.15	30.0	-52.99	-23	PASS
2	9400	1880.0	30.0	1000.0	-31.72	-13	PASS
2	9400	1880.0	1000.0	4000.0	-25.7	-13	PASS
2	9400	1880.0	4000.0	7000.0	-39.46	-13	PASS
2	9400	1880.0	7000.0	10000.0	-42.84	-13	PASS
2	9400	1880.0	10000.0	13000.0	-41.22	-13	PASS
2	9400	1880.0	13000.0	16000.0	-37.54	-13	PASS
2	9400	1880.0	16000.0	19000.0	-35.53	-13	PASS
2	9400	1880.0	19000.0	20000.0	-35.15	-13	PASS
2	9538	1907.6	0.009	0.15	-47.23	-43	PASS
2	9538	1907.6	0.15	30.0	-52.99	-23	PASS
2	9538	1907.6	30.0	1000.0	-31.27	-13	PASS
2	9538	1907.6	1000.0	4000.0	-26.3	-13	PASS
2	9538	1907.6	4000.0	7000.0	-39.98	-13	PASS
2	9538	1907.6	7000.0	10000.0	-43.19	-13	PASS
2	9538	1907.6	10000.0	13000.0	-41.32	-13	PASS
2	9538	1907.6	13000.0	16000.0	-37.37	-13	PASS
2	9538	1907.6	16000.0	19000.0	-35.24	-13	PASS
2	9538	1907.6	19000.0	20000.0	-34.2	-13	PASS
4	1312	1712.4	0.009	0.15	-47.53	-43	PASS
4	1312	1712.4	0.15	30.0	-51.98	-23	PASS
4	1312	1712.4	30.0	1000.0	-30.45	-13	PASS
4	1312	1712.4	1000.0	4000.0	-25.89	-13	PASS
4	1312	1712.4	4000.0	7000.0	-39.56	-13	PASS
4	1312	1712.4	7000.0	10000.0	-43.21	-13	PASS
4	1312	1712.4	10000.0	13000.0	-40.83	-13	PASS
4	1312	1712.4	13000.0	16000.0	-37.74	-13	PASS
4	1312	1712.4	16000.0	19000.0	-35.11	-13	PASS

4	1312	1712.4	19000.0	20000.0	-34.87	-13	PASS
4	1412	1732.4	0.009	0.15	-47.45	-43	PASS
4	1412	1732.4	0.15	30.0	-52.86	-23	PASS
4	1412	1732.4	30.0	1000.0	-31.16	-13	PASS
4	1412	1732.4	1000.0	4000.0	-25.82	-13	PASS
4	1412	1732.4	4000.0	7000.0	-39.04	-13	PASS
4	1412	1732.4	7000.0	10000.0	-43.66	-13	PASS
4	1412	1732.4	10000.0	13000.0	-41.06	-13	PASS
4	1412	1732.4	13000.0	16000.0	-37.27	-13	PASS
4	1412	1732.4	16000.0	19000.0	-35.56	-13	PASS
4	1412	1732.4	19000.0	20000.0	-34.67	-13	PASS
4	1513	1752.6	0.009	0.15	-47.64	-43	PASS
4	1513	1752.6	0.15	30.0	-53.0	-23	PASS
4	1513	1752.6	30.0	1000.0	-30.98	-13	PASS
4	1513	1752.6	1000.0	4000.0	-24.84	-13	PASS
4	1513	1752.6	4000.0	7000.0	-39.19	-13	PASS
4	1513	1752.6	7000.0	10000.0	-43.0	-13	PASS
4	1513	1752.6	10000.0	13000.0	-41.2	-13	PASS
4	1513	1752.6	13000.0	16000.0	-37.65	-13	PASS
4	1513	1752.6	16000.0	19000.0	-35.44	-13	PASS
4	1513	1752.6	19000.0	20000.0	-34.9	-13	PASS
5	4132	826.4	0.009	0.15	-47.75	-33	PASS
5	4132	826.4	0.15	30.0	-46.77	-13	PASS
5	4132	826.4	30.0	1000.0	-41.77	-13	PASS
5	4132	826.4	1000.0	4000.0	-35.47	-13	PASS
5	4132	826.4	4000.0	7000.0	-39.79	-13	PASS
5	4132	826.4	7000.0	10000.0	-43.57	-13	PASS
5	4182	836.4	0.009	0.15	-47.85	-33	PASS
5	4182	836.4	0.15	30.0	-46.63	-13	PASS
5	4182	836.4	30.0	1000.0	-41.49	-13	PASS
5	4182	836.4	1000.0	4000.0	-34.48	-13	PASS
5	4182	836.4	4000.0	7000.0	-39.5	-13	PASS
5	4182	836.4	7000.0	10000.0	-43.69	-13	PASS
5	4233	846.6	0.009	0.15	-47.98	-33	PASS
5	4233	846.6	0.15	30.0	-47.28	-13	PASS
5	4233	846.6	30.0	1000.0	-41.3	-13	PASS
5	4233	846.6	1000.0	4000.0	-34.88	-13	PASS
5	4233	846.6	4000.0	7000.0	-39.49	-13	PASS
5	4233	846.6	7000.0	10000.0	-42.8	-13	PASS



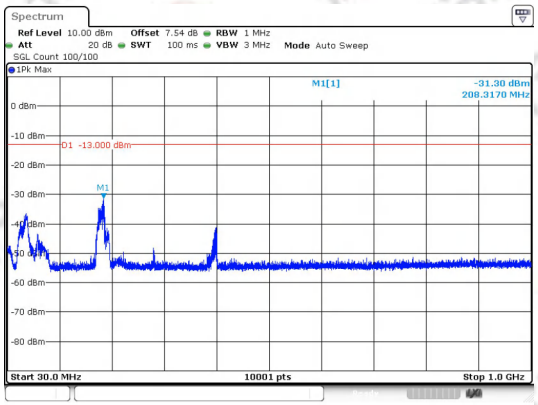
0.009MHz-0.15MHz

Band 2 5MHz/1852.4/Low



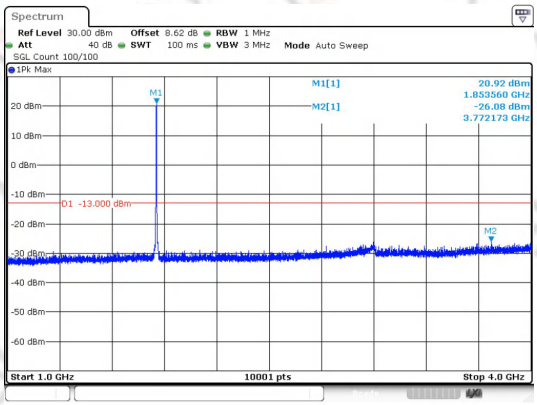
0.15MHz-30.0MHz

Band 2 5MHz/1852.4/Low



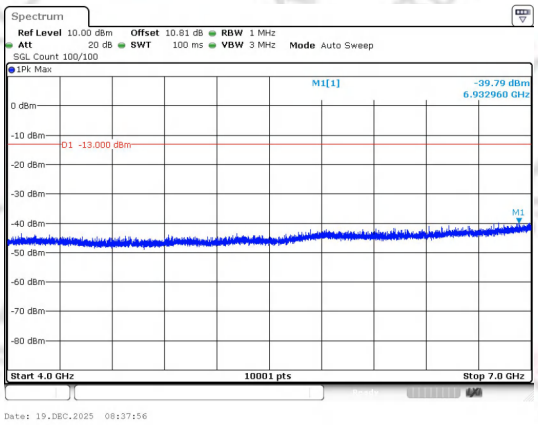
30.0MHz-1000.0MHz

Band 2 5MHz/1852.4/Low



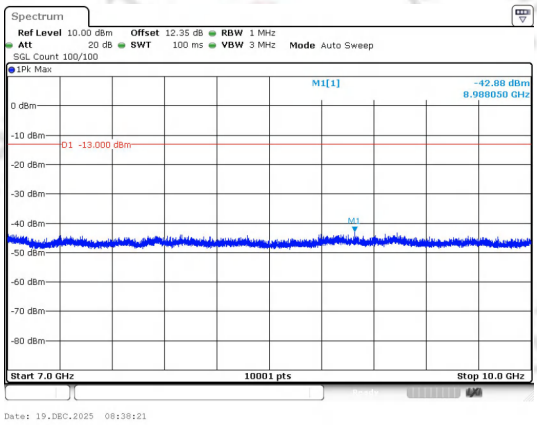
1000.0MHz-4000.0MHz

Band 2 5MHz/1852.4/Low



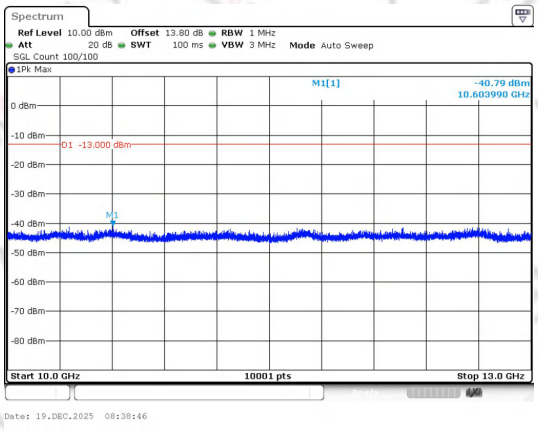
4000.0MHz-7000.0MHz

Band 2 5MHz/1852.4/Low



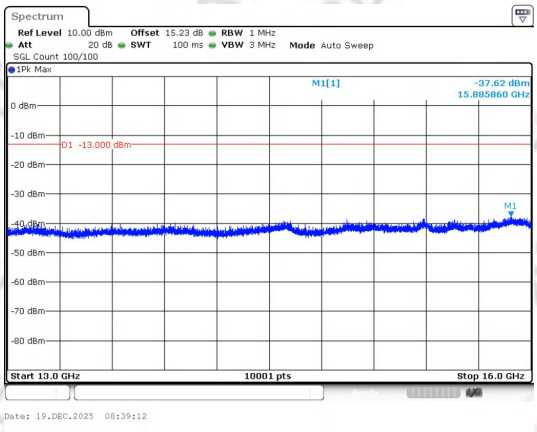
7000.0MHz-10000.0MHz

Band 2 5MHz/1852.4/Low



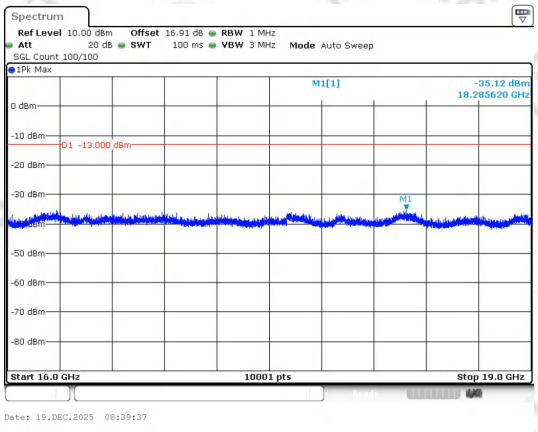
10000.0MHz-13000.0MHz

Band 2 5MHz/1852.4/Low



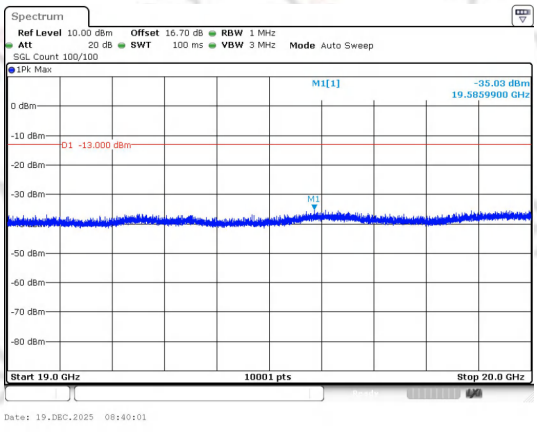
13000.0MHz-16000.0MHz

Band 2 5MHz/1852.4/Low



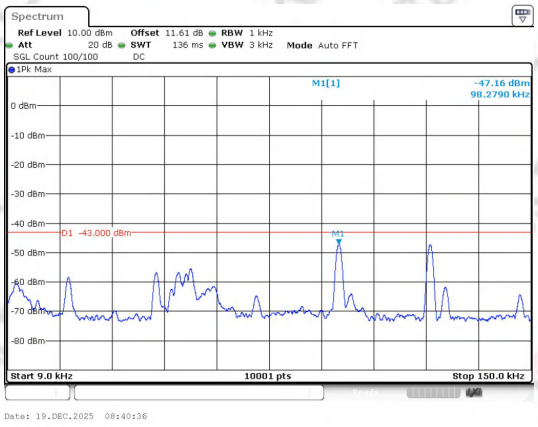
16000.0MHz-19000.0MHz

Band 2 5MHz/1852.4/Low



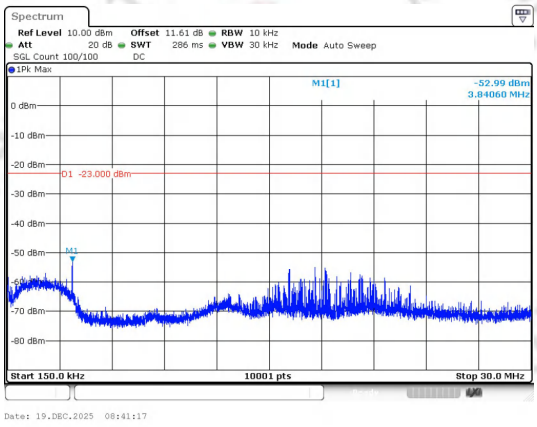
19000.0MHz-20000.0MHz

Band 2 5MHz/1852.4/Low



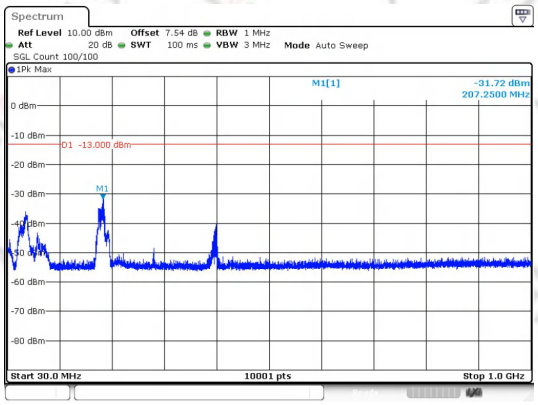
0.009MHz-0.15MHz

Band 2 5MHz/1880.0/Mid



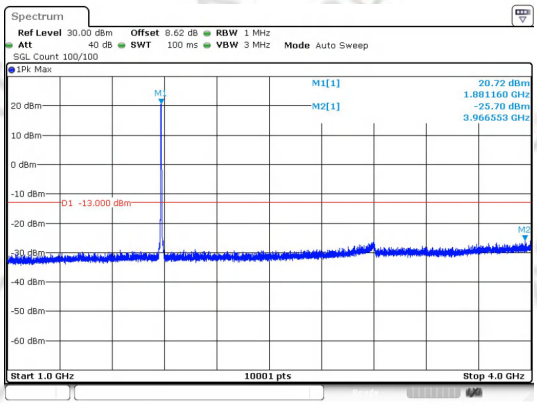
0.15MHz-30.0MHz

Band 2 5MHz/1880.0/Mid



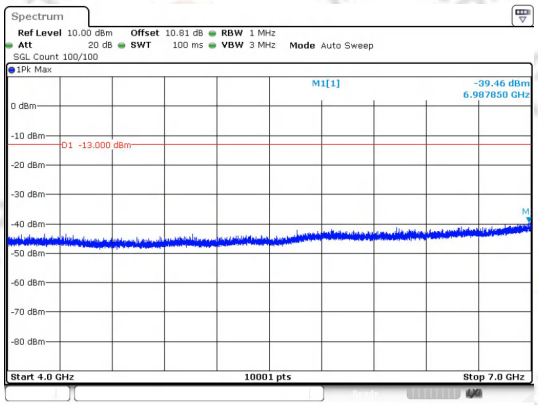
30.0MHz-1000.0MHz

Band 2 5MHz/1880.0/Mid



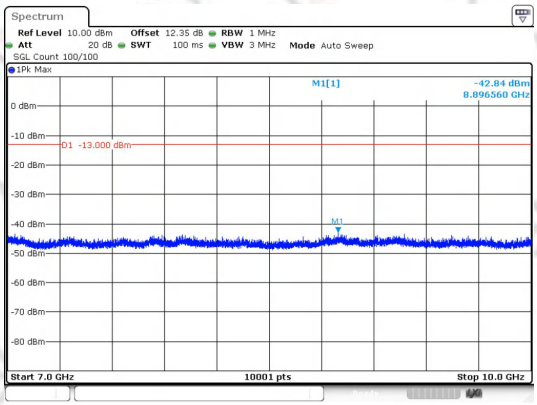
1000.0MHz-4000.0MHz

Band 2 5MHz/1880.0/Mid



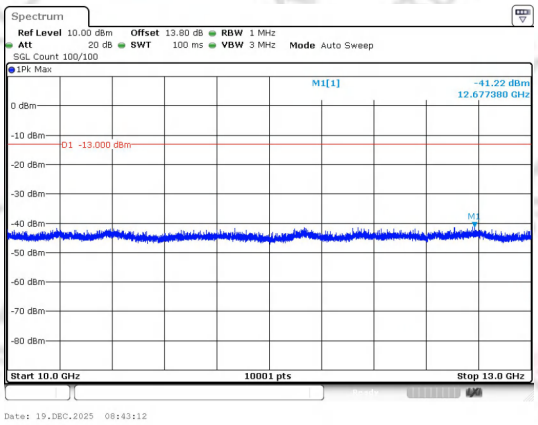
4000.0MHz-7000.0MHz

Band 2 5MHz/1880.0/Mid



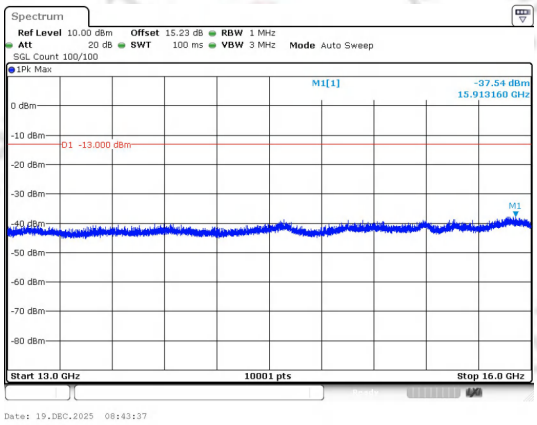
7000.0MHz-10000.0MHz

Band 2 5MHz/1880.0/Mid



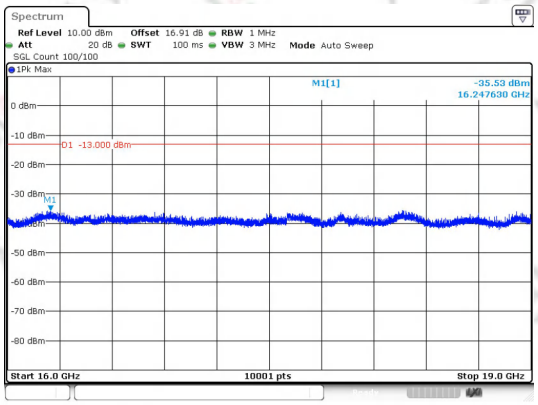
10000.0MHz-13000.0MHz

Band 2 5MHz/1880.0/Mid



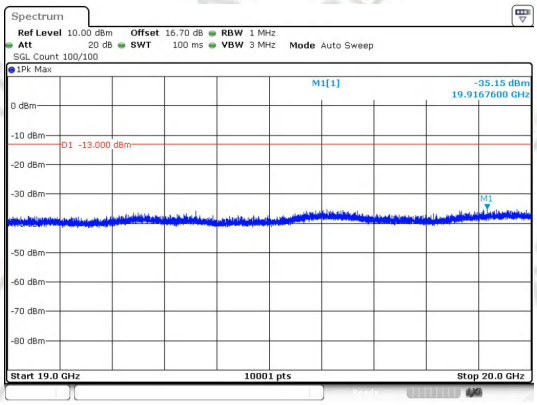
13000.0MHz-16000.0MHz

Band 2 5MHz/1880.0/Mid



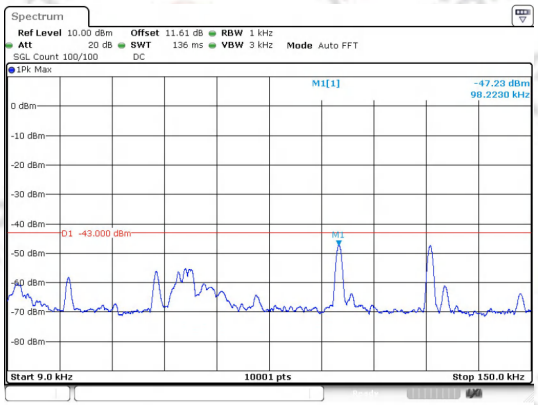
16000.0MHz-19000.0MHz

Band 2 5MHz/1880.0/Mid



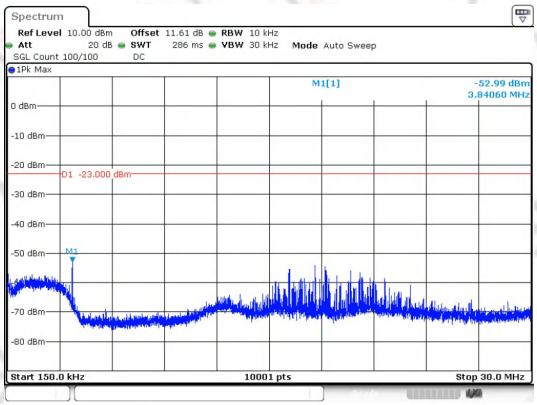
19000.0MHz-20000.0MHz

Band 2 5MHz/1880.0/Mid



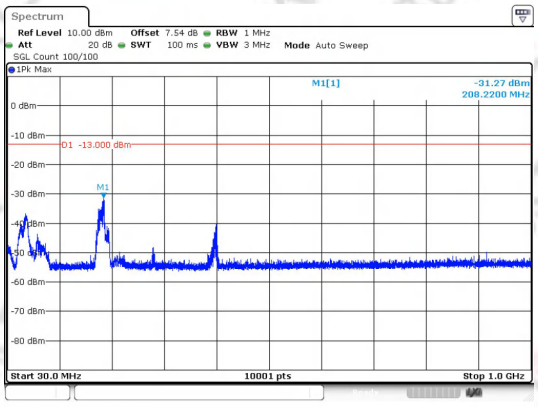
0.009MHz-0.15MHz

Band 2 5MHz/1907.6/High



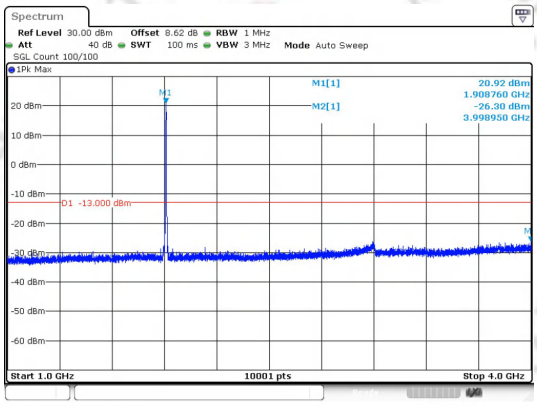
0.15MHz-30.0MHz

Band 2 5MHz/1907.6/High



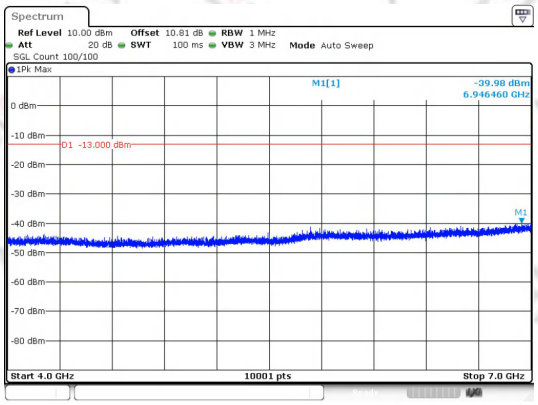
30.0MHz-1000.0MHz

Band 2 5MHz/1907.6/High



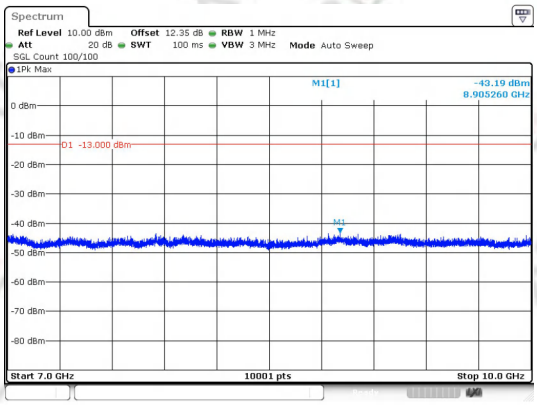
1000.0MHz-4000.0MHz

Band 2 5MHz/1907.6/High



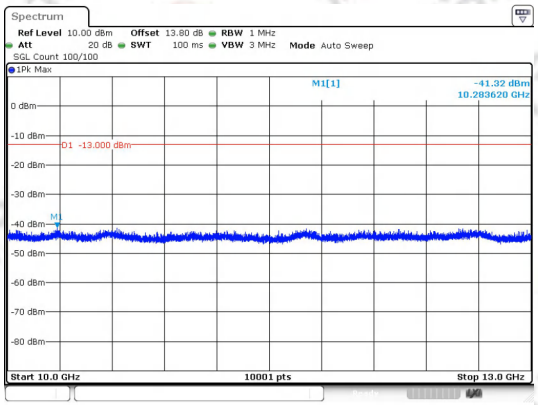
4000.0MHz-7000.0MHz

Band 2 5MHz/1907.6/High



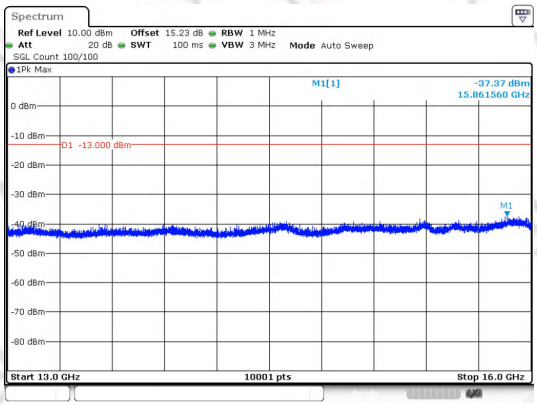
7000.0MHz-10000.0MHz

Band 2 5MHz/1907.6/High



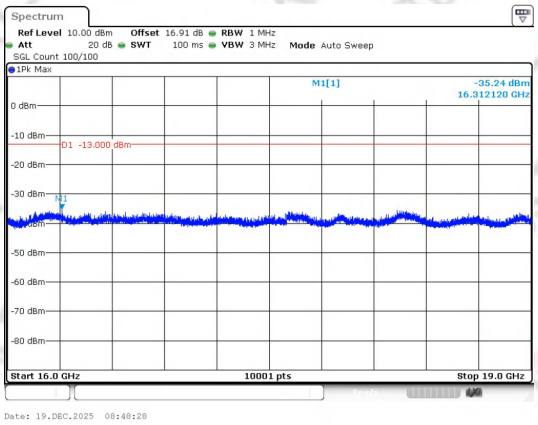
10000.0MHz-13000.0MHz

Band 2 5MHz/1907.6/High



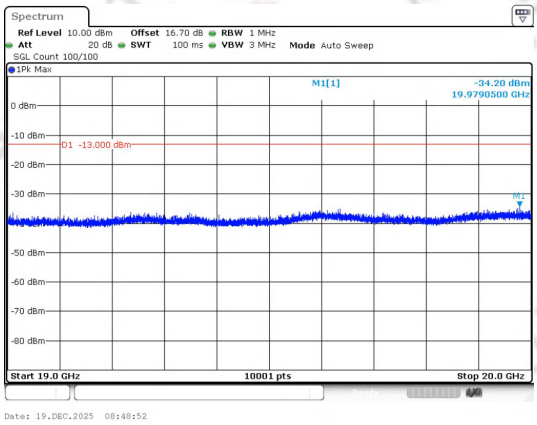
13000.0MHz-16000.0MHz

Band 2 5MHz/1907.6/High



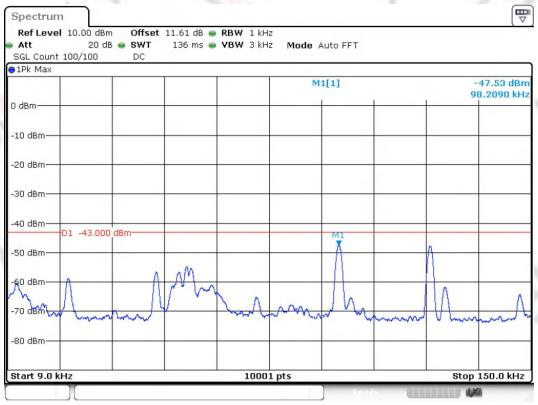
16000.0MHz-19000.0MHz

Band 2 5MHz/1907.6/High



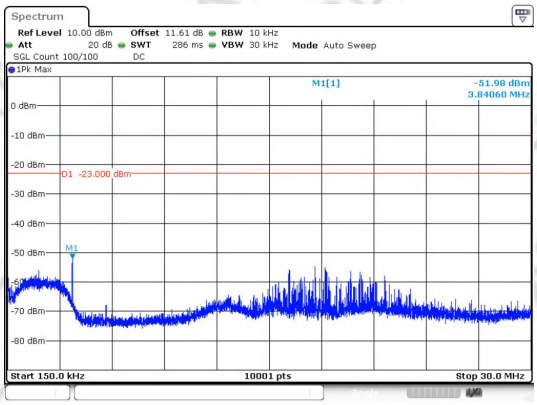
19000.0MHz-20000.0MHz

Band 2 5MHz/1907.6/High



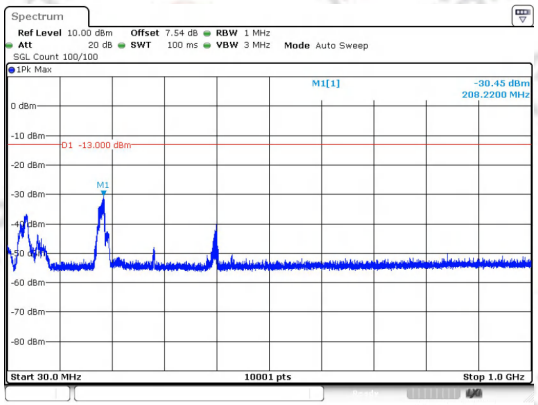
0.009MHz-0.15MHz

Band 4 5MHz/1712.4/Low



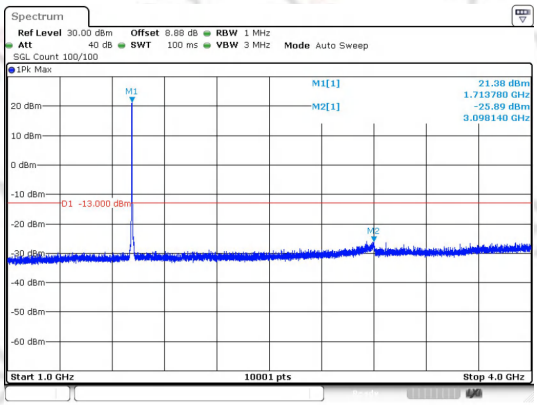
0.15MHz-30.0MHz

Band 4 5MHz/1712.4/Low



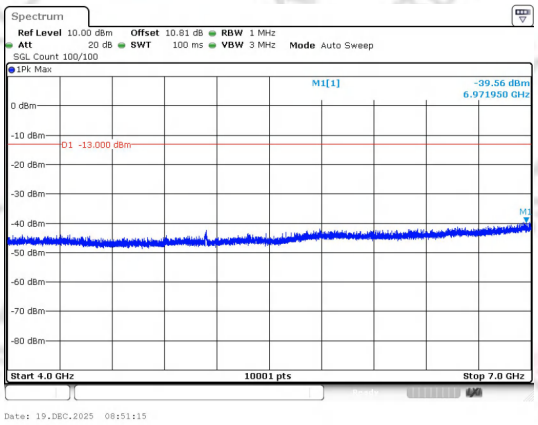
30.0MHz-1000.0MHz

Band 4 5MHz/1712.4/Low



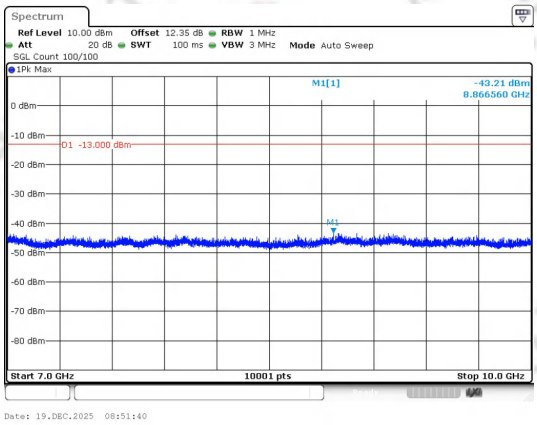
1000.0MHz-4000.0MHz

Band 4 5MHz/1712.4/Low



4000.0MHz-7000.0MHz

Band 4 5MHz/1712.4/Low



7000.0MHz-10000.0MHz

Band 4 5MHz/1712.4/Low