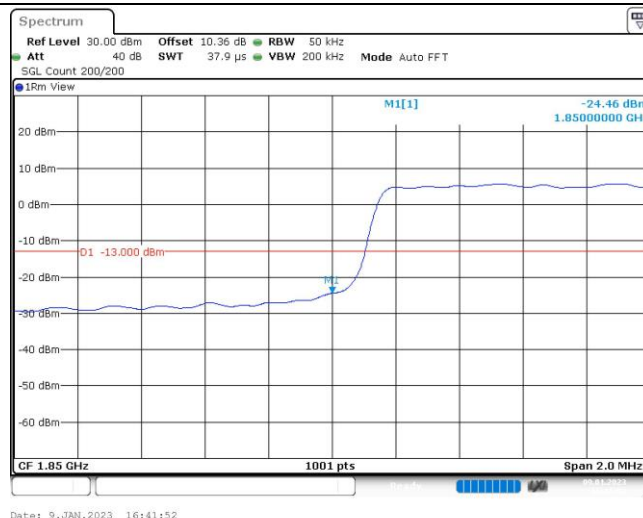




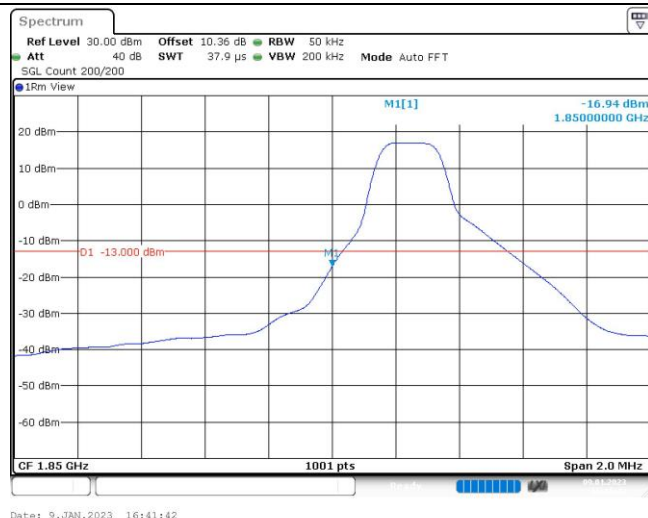
Band2-3MHz-QPSK-19185-1RB#14



Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-1RB#0



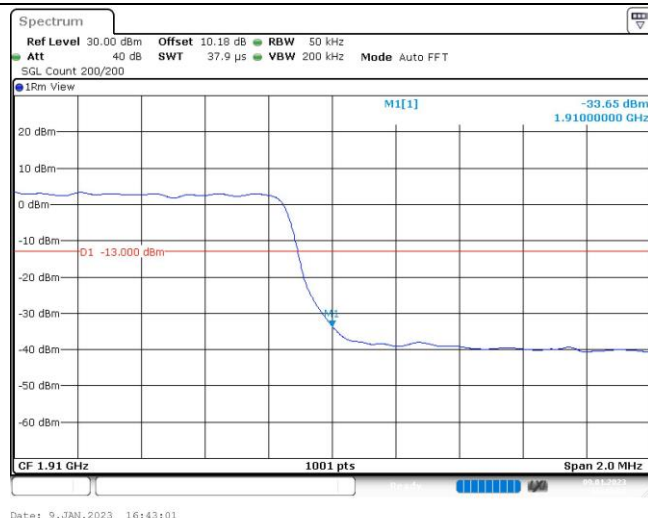
Band2-3MHz-16QAM-18615-15RB#0



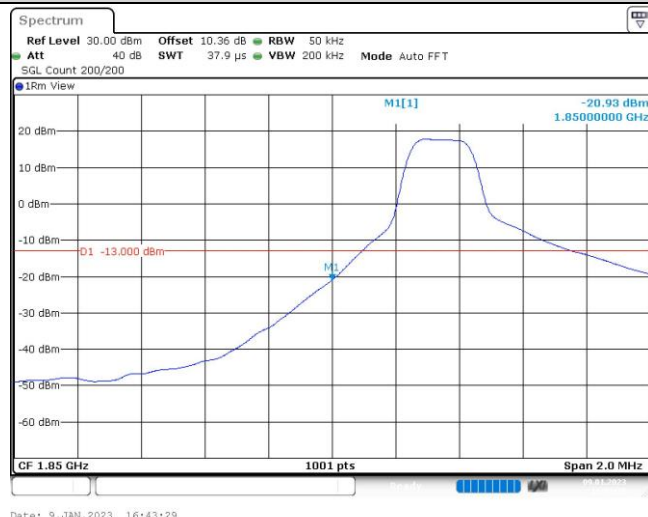
Band2-3MHz-16QAM-19185-1RB#14



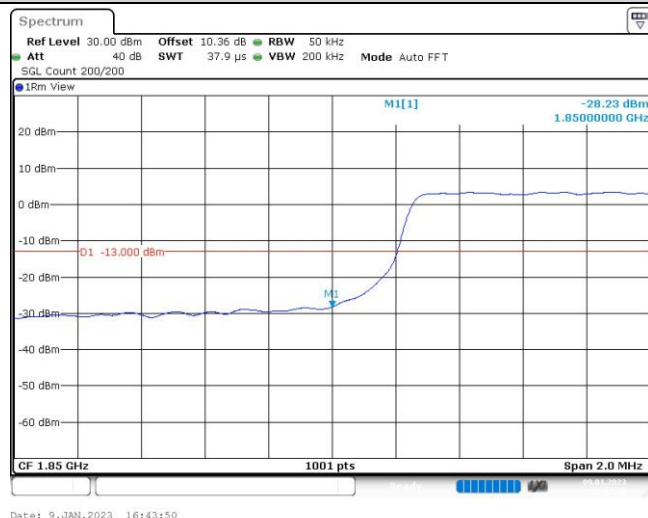
Band2-3MHz-16QAM-19185-15RB#0



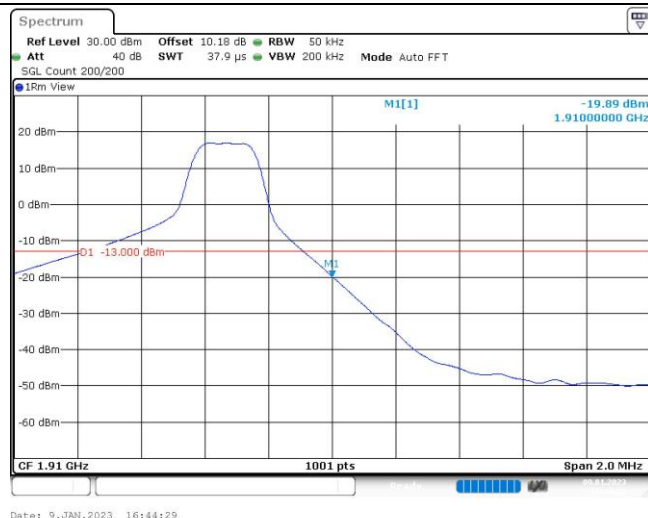
Band2-5MHz-QPSK-18625-1RB#0



Band2-5MHz-QPSK-18625-25RB#0



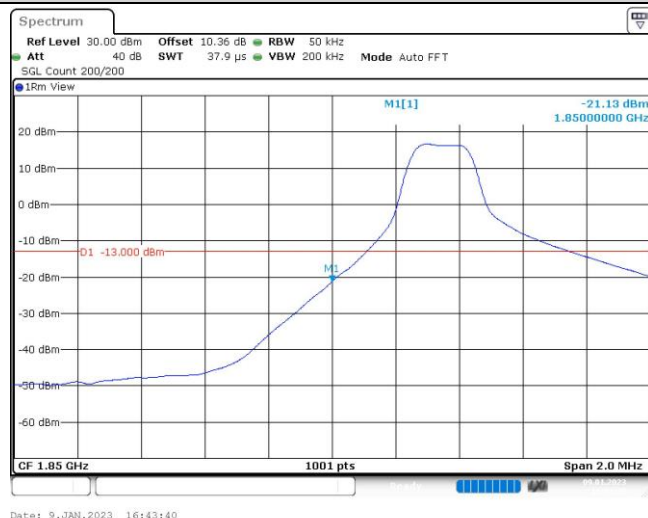
Band2-5MHz-QPSK-19175-1RB#24



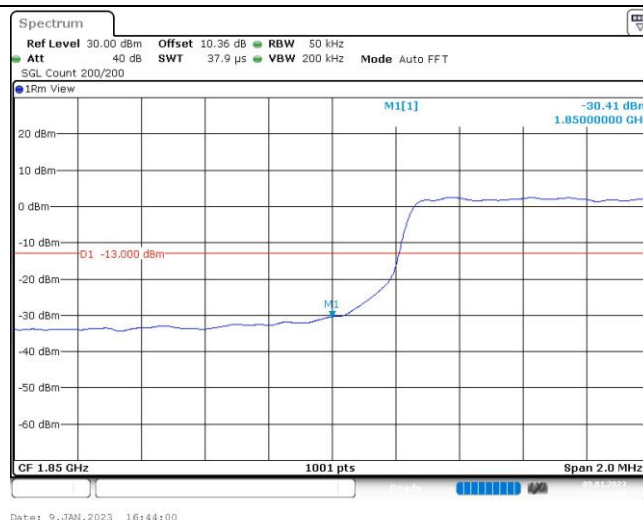
Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-16QAM-18625-1RB#0



Band2-5MHz-16QAM-18625-25RB#0



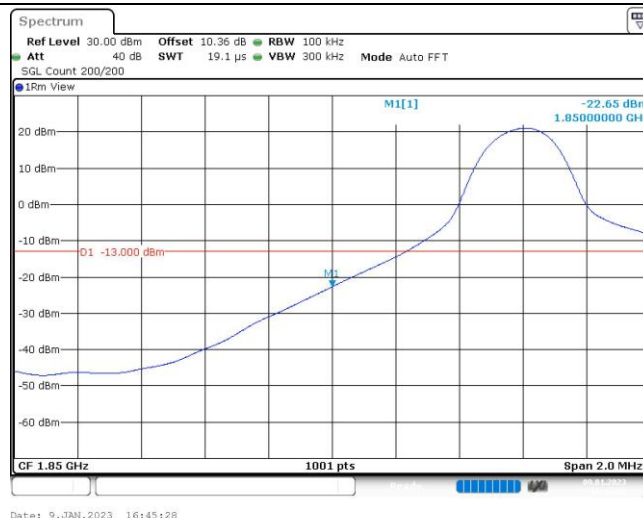
Band2-5MHz-16QAM-19175-1RB#24



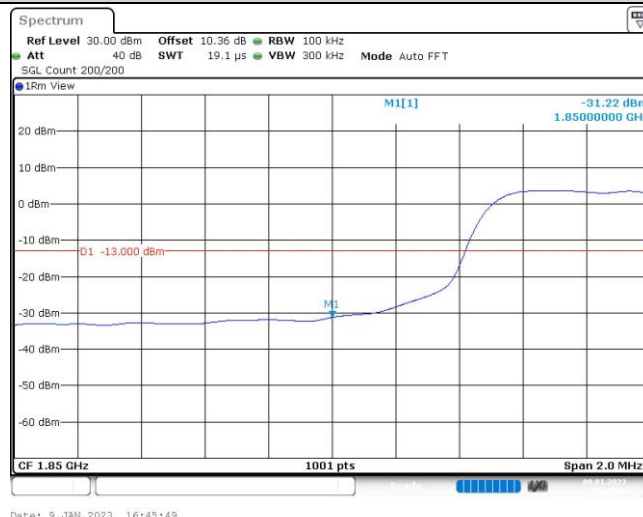
Band2-5MHz-16QAM-19175-25RB#0



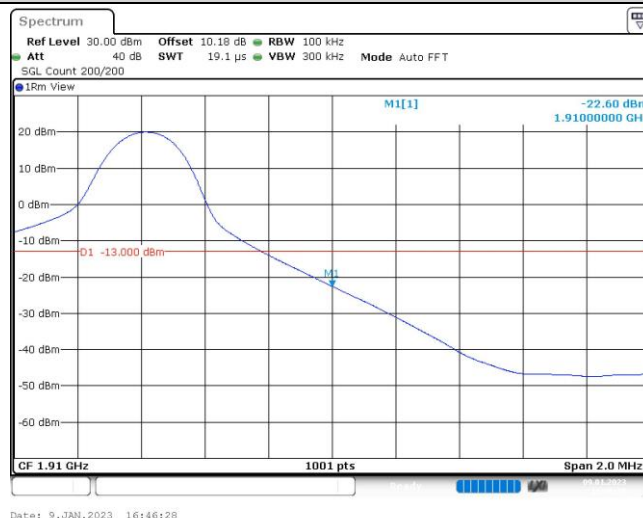
Band2-10MHz-QPSK-18650-1RB#0



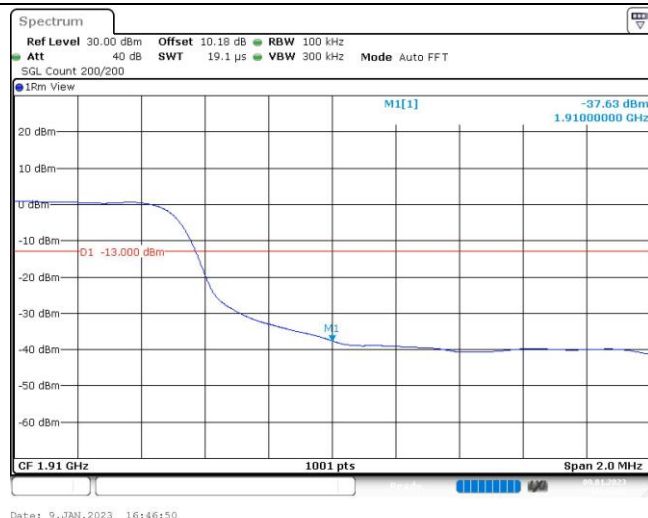
Band2-10MHz-QPSK-18650-50RB#0



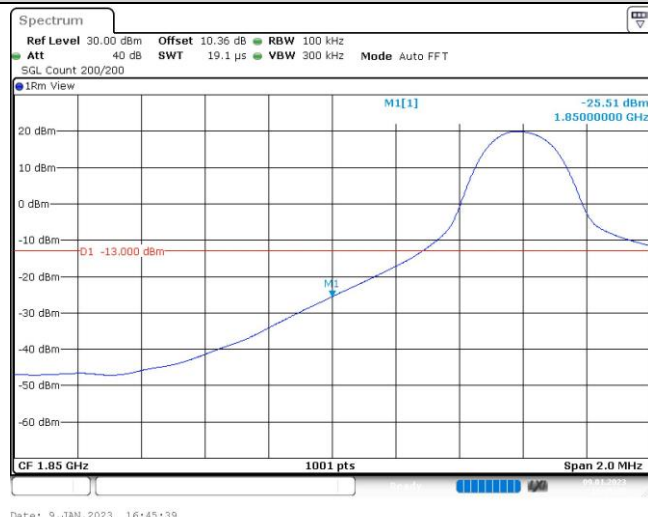
Band2-10MHz-QPSK-19150-1RB#49



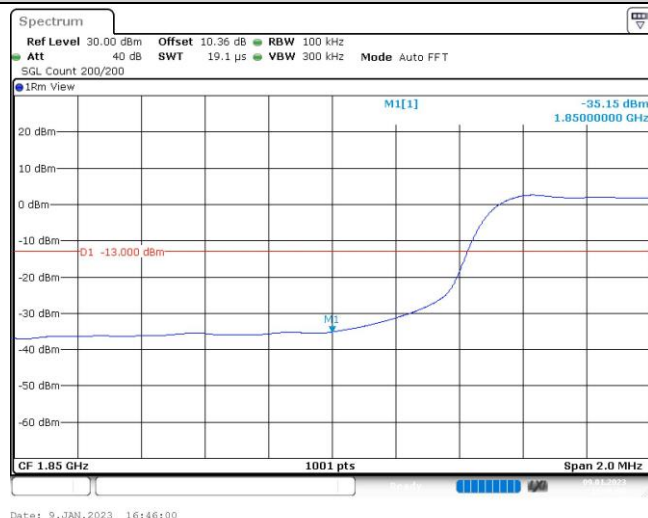
Band2-10MHz-QPSK-19150-50RB#0



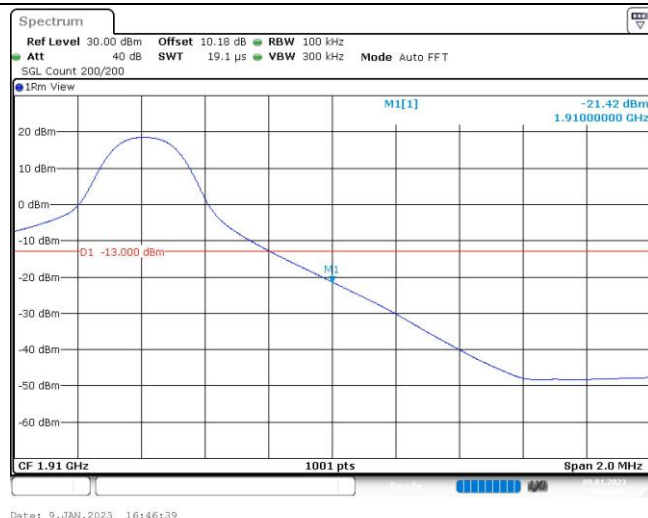
Band2-10MHz-16QAM-18650-1RB#0



Band2-10MHz-16QAM-18650-50RB#0



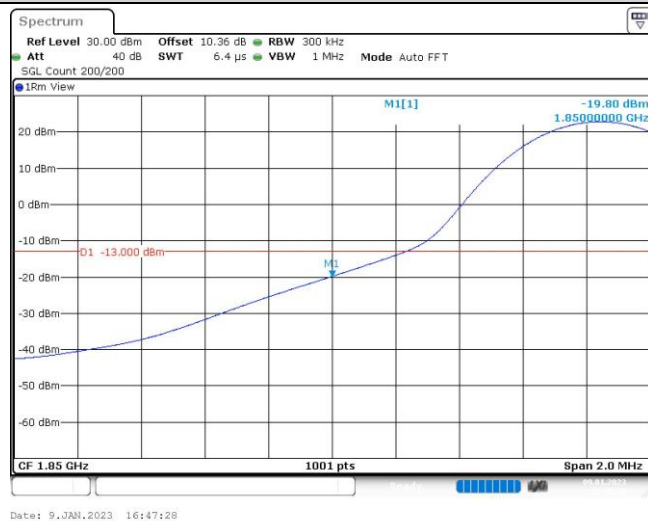
Band2-10MHz-16QAM-19150-1RB#49



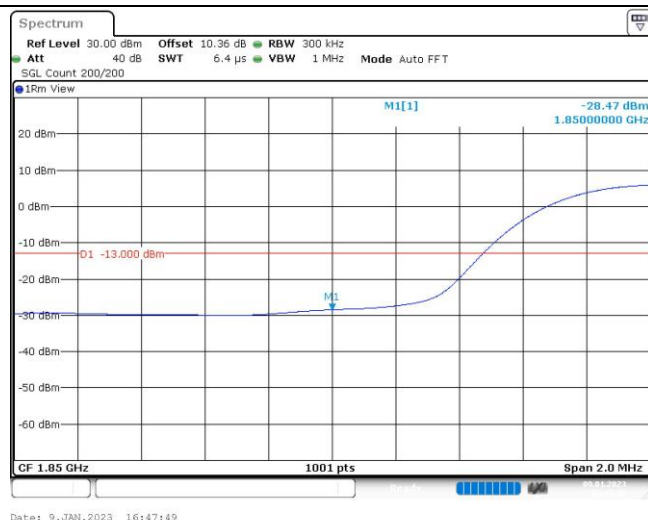
Band2-10MHz-16QAM-19150-50RB#0



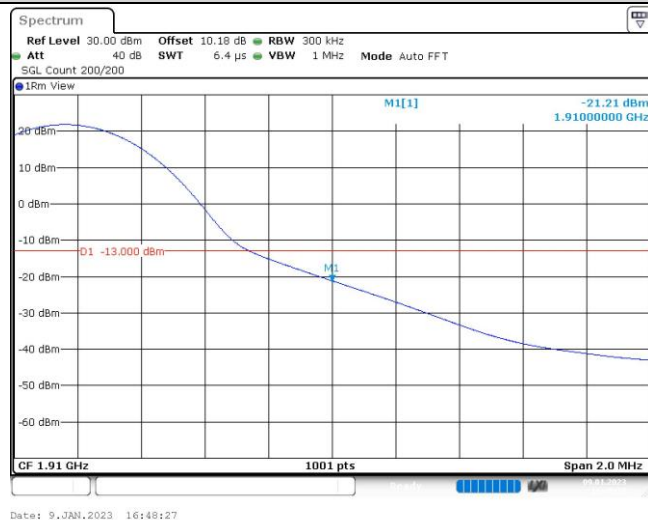
Band2-15MHz-QPSK-18675-1RB#0



Band2-15MHz-QPSK-18675-75RB#0



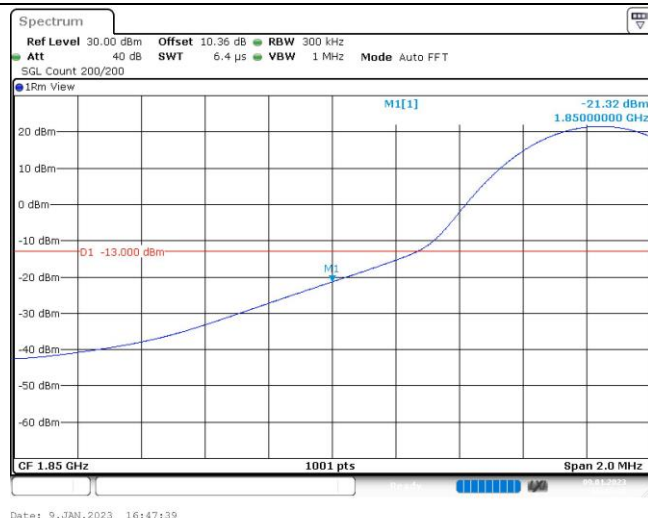
Band2-15MHz-QPSK-19125-1RB#74



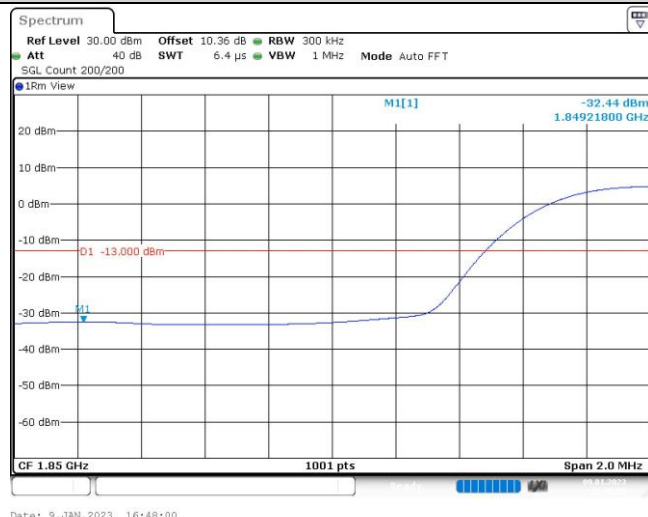
Band2-15MHz-QPSK-19125-75RB#0



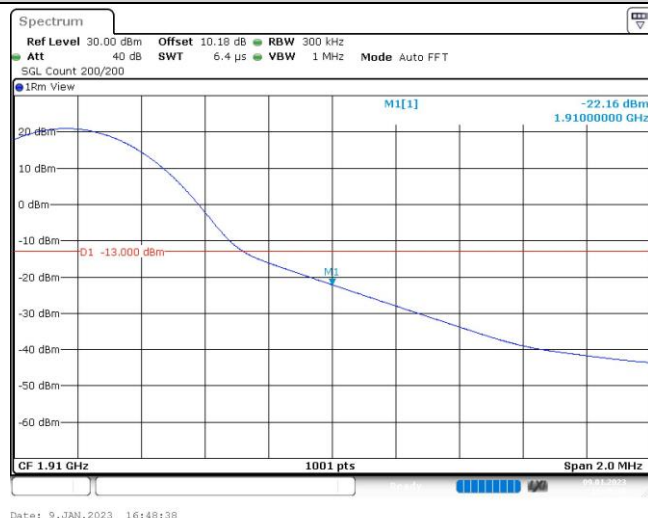
Band2-15MHz-16QAM-18675-1RB#0



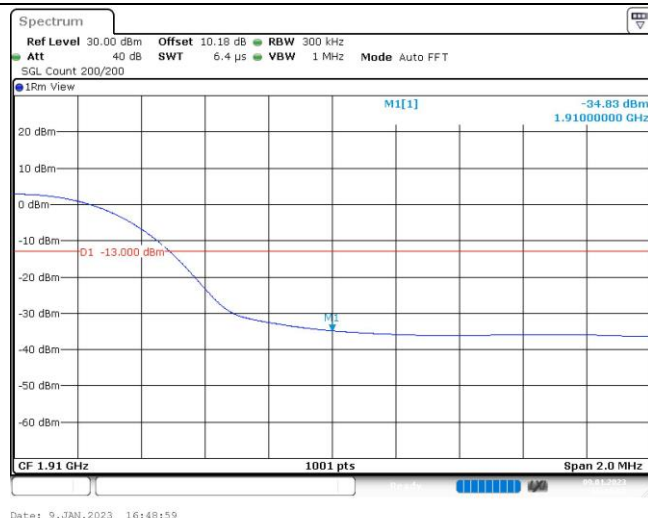
Band2-15MHz-16QAM-18675-75RB#0



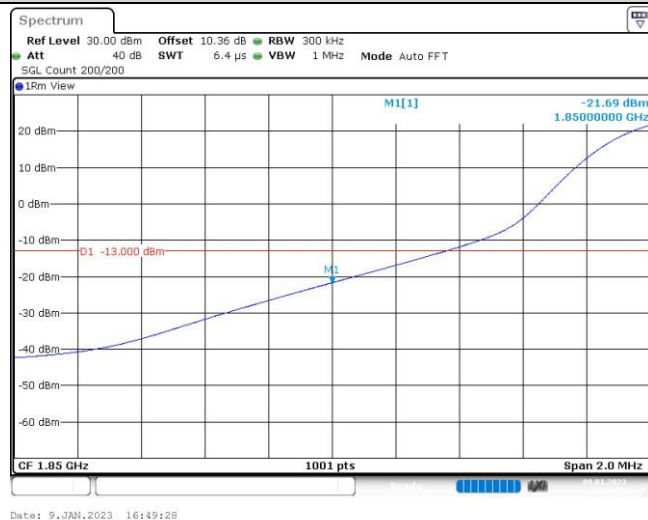
Band2-15MHz-16QAM-19125-1RB#74



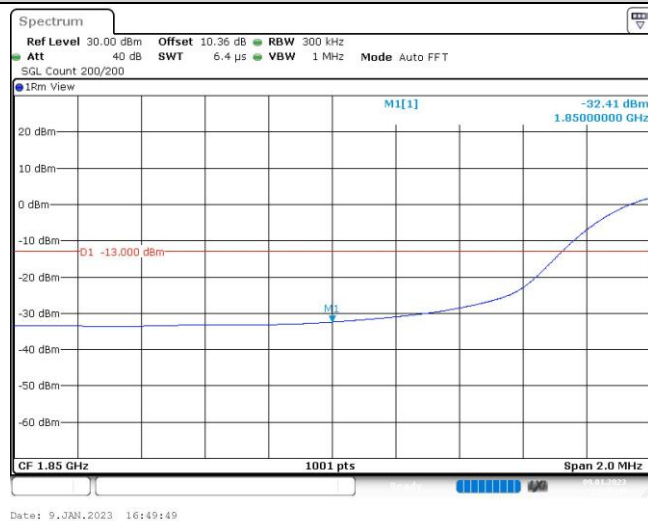
Band2-15MHz-16QAM-19125-75RB#0



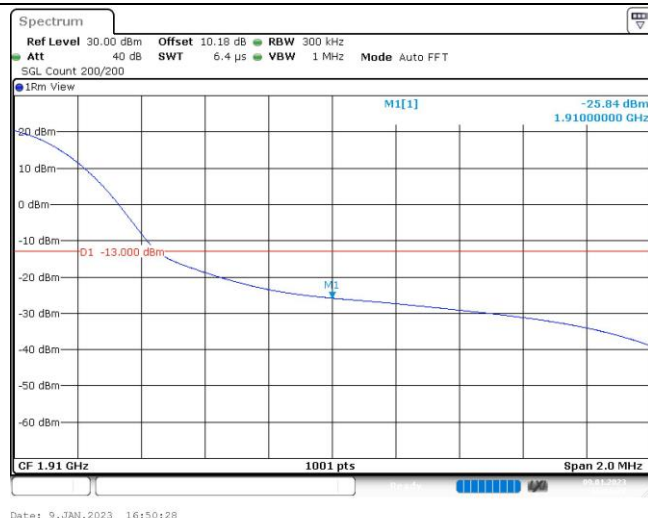
Band2-20MHz-QPSK-18700-1RB#0



Band2-20MHz-QPSK-18700-100RB#0



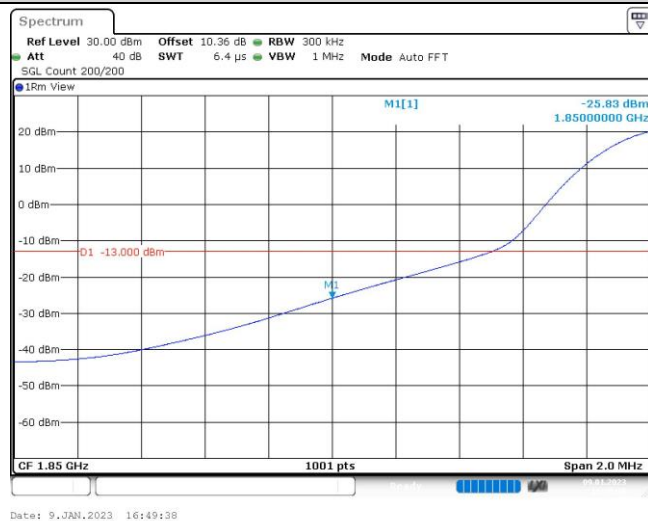
Band2-20MHz-QPSK-19100-1RB#99



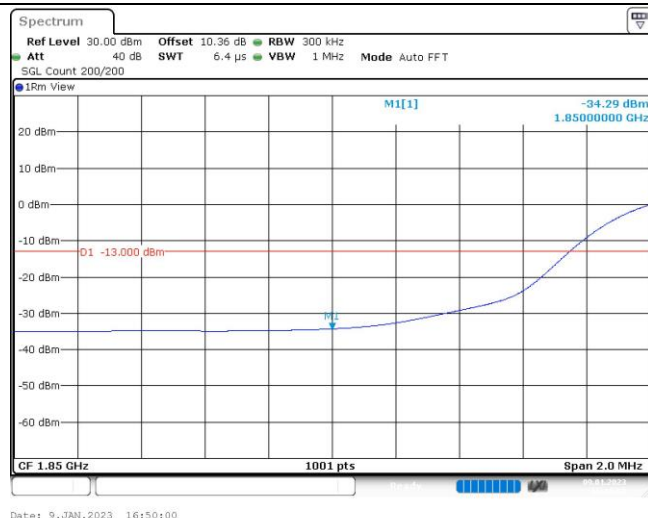
Band2-20MHz-QPSK-19100-100RB#0



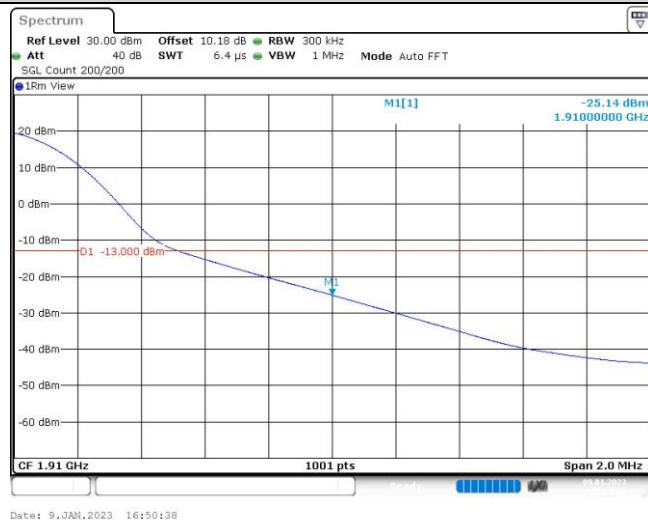
Band2-20MHz-16QAM-18700-1RB#0



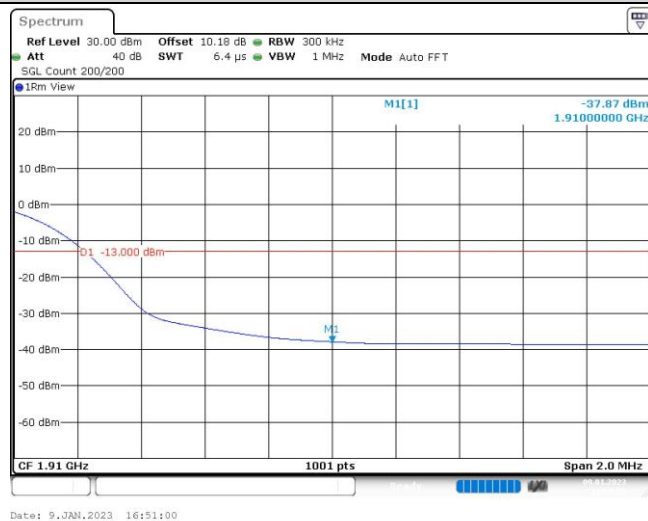
Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-19100-1RB#99



Band2-20MHz-16QAM-19100-100RB#0



APPENDIX D.5: CONDUCTED SPURIOUS EMISSIONS

Test Result

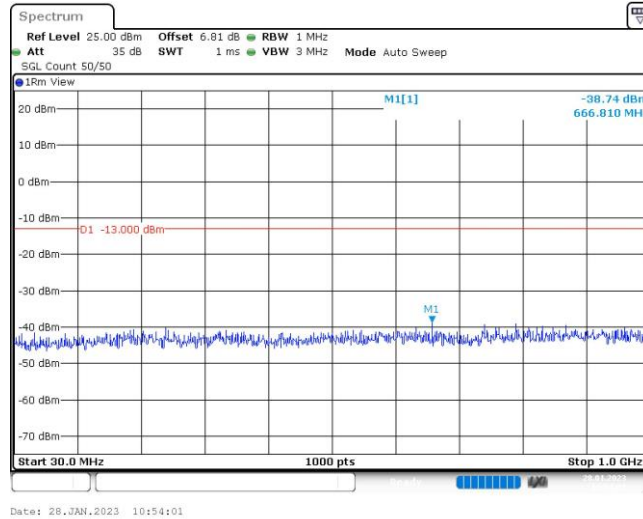
General:

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-38.74	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~2000MHz	-36.68	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:2000~20000MHz	-44.67	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.81	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-35.96	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-44.46	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-39.09	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~2000MHz	-36.63	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:2000~20000MHz	-44.18	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-38.97	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~2000MHz	-35.96	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:2000~20000MHz	-44.75	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.33	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.29	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-44.38	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-38.67	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~2000MHz	-36.71	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:2000~20000MHz	-44.15	PASS

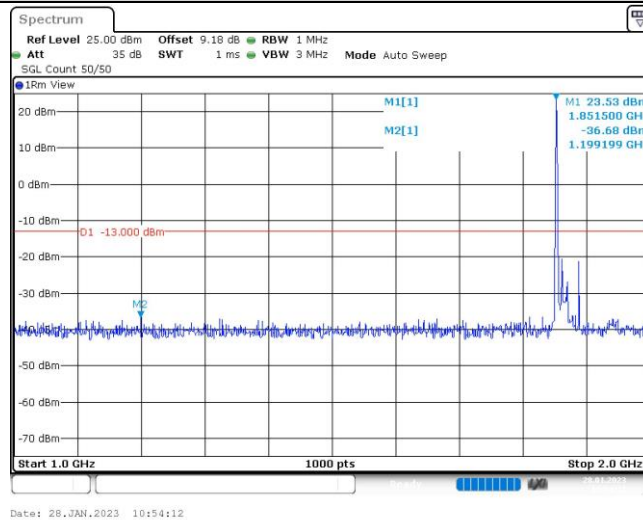
Test Graphs

General:

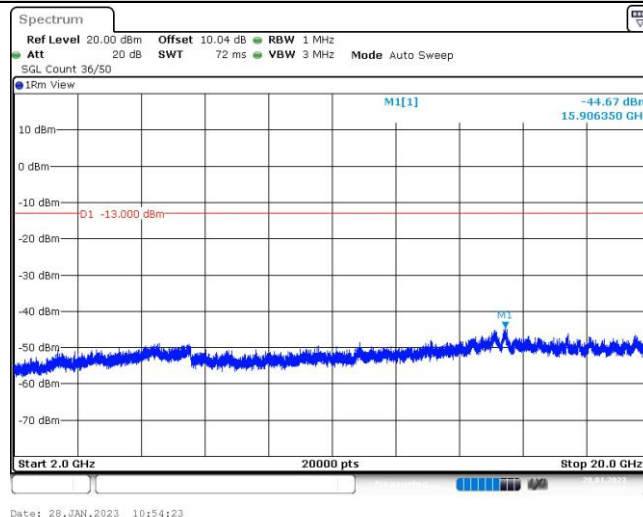
Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



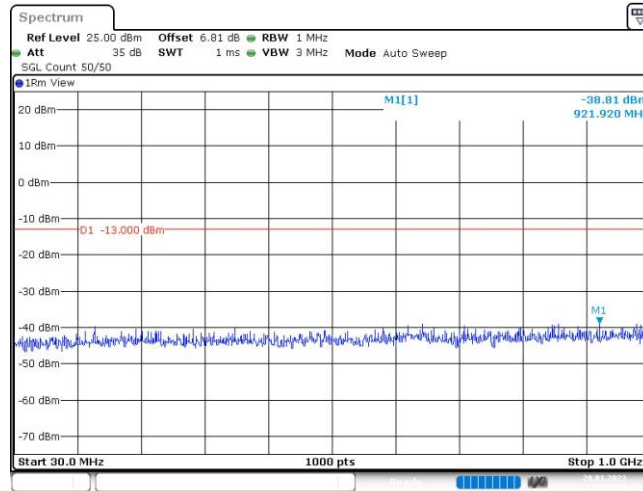
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~2000MHz



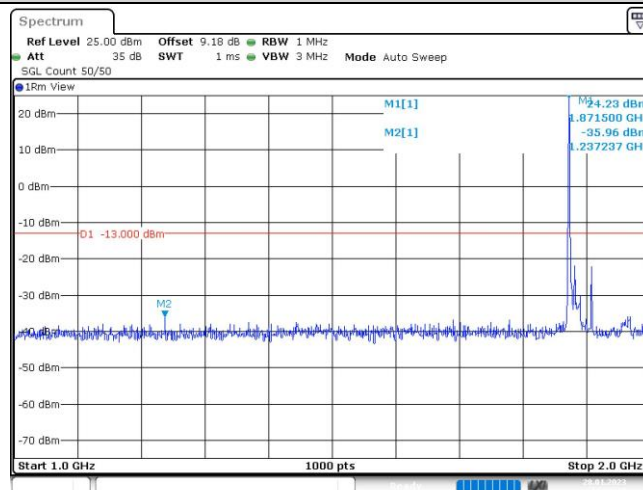
Band2-20MHz-QPSK-18700-1RB#0-Range3:2000~20000MHz



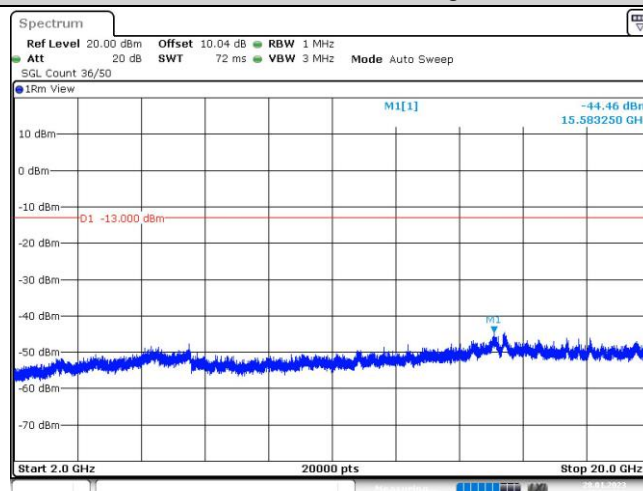
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



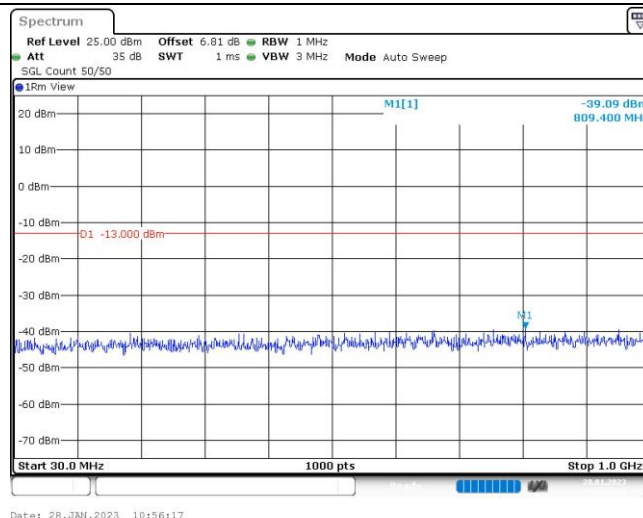
Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



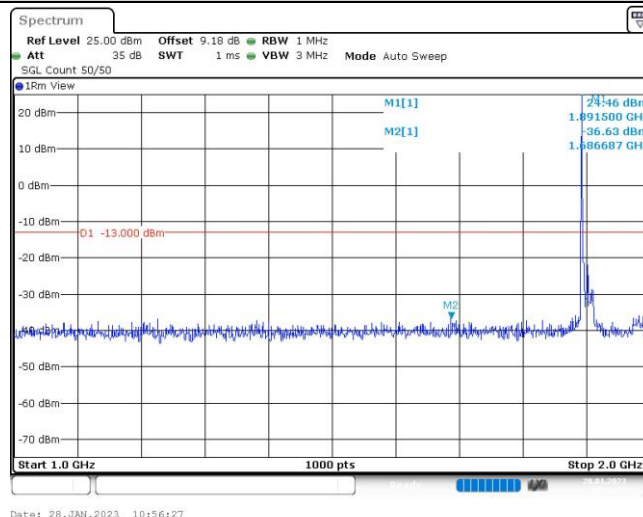
Band2-20MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



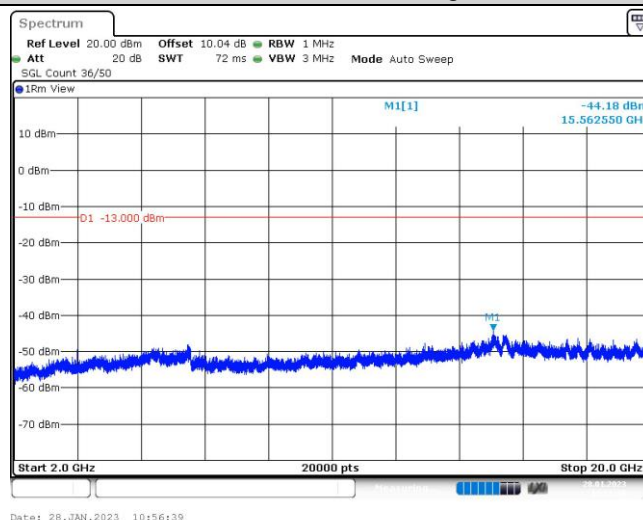
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



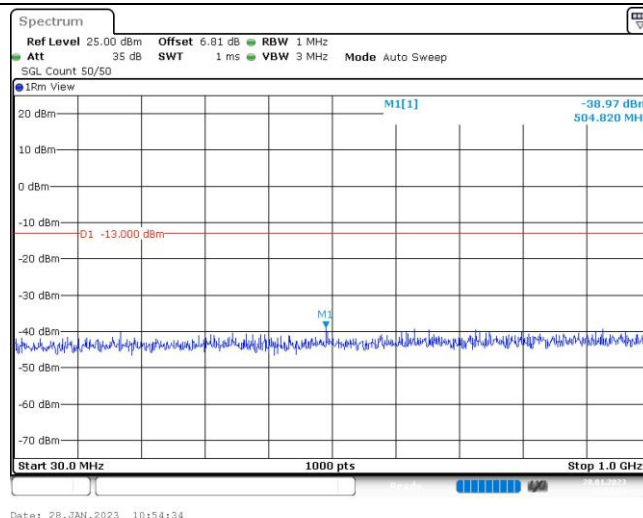
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~2000MHz



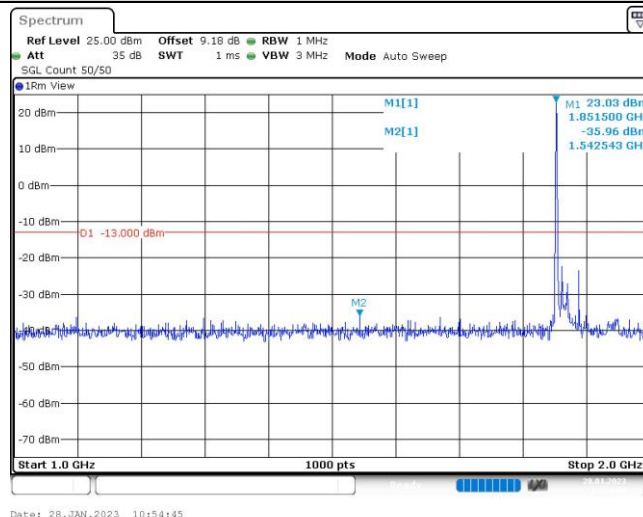
Band2-20MHz-QPSK-19100-1RB#0-Range3:2000~20000MHz



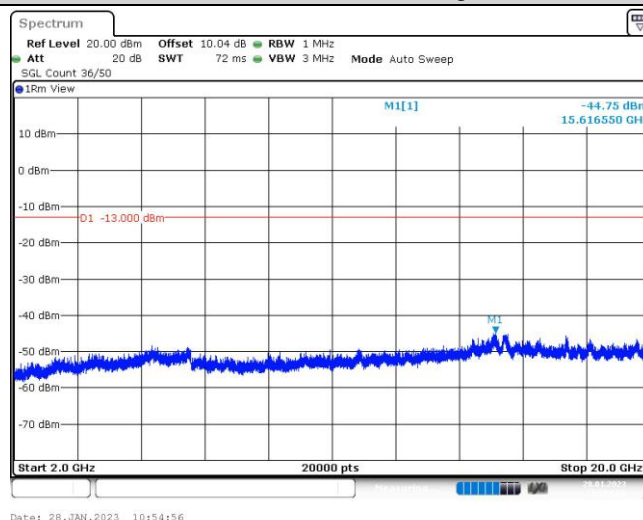
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



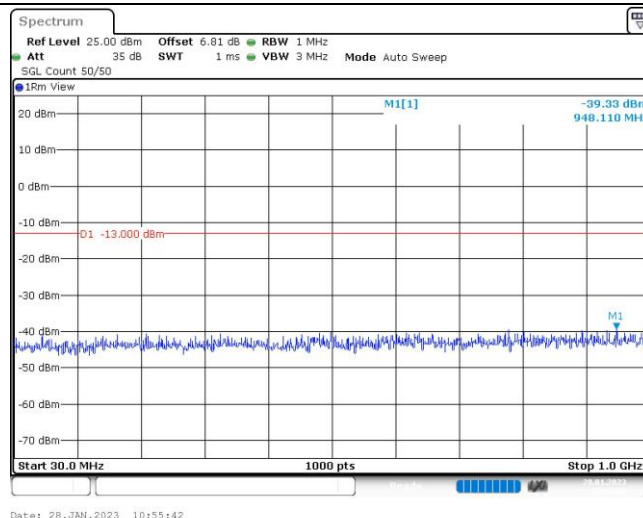
Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~2000MHz



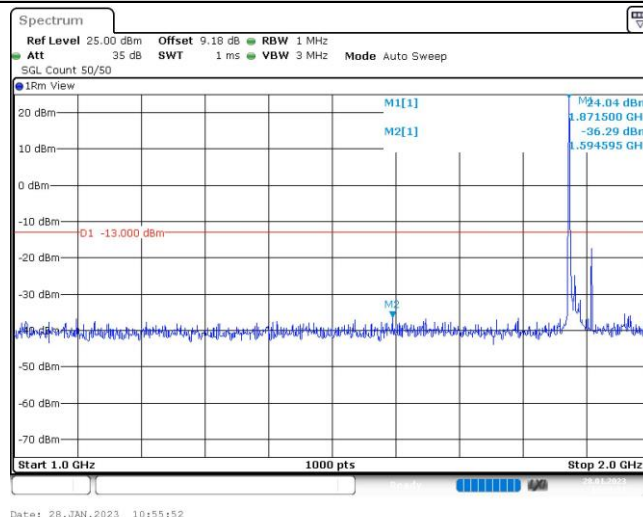
Band2-20MHz-16QAM-18700-1RB#0-Range3:2000~20000MHz



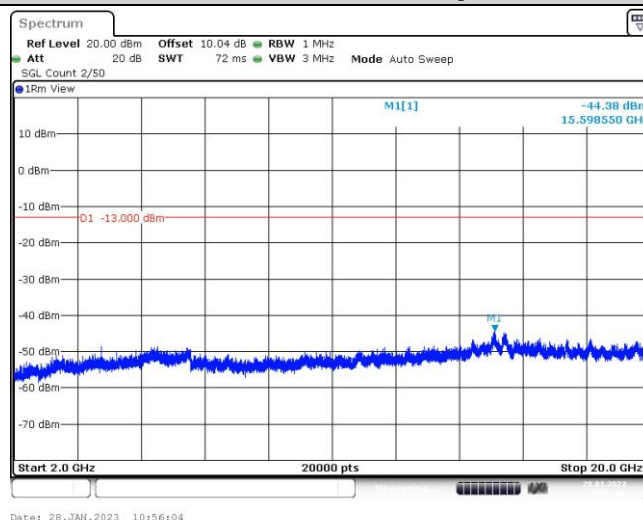
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



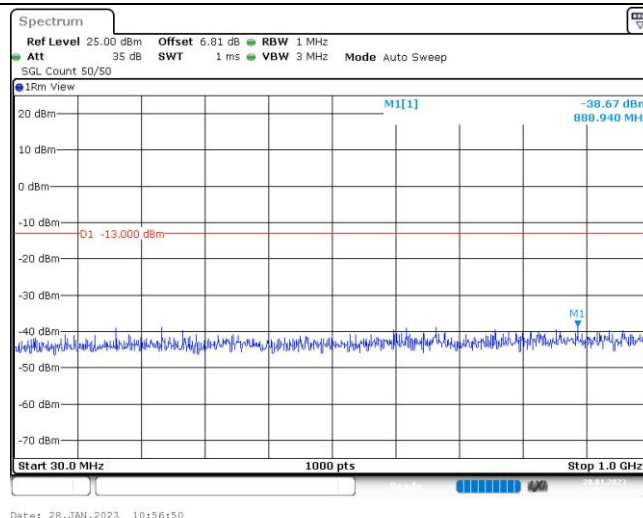
Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



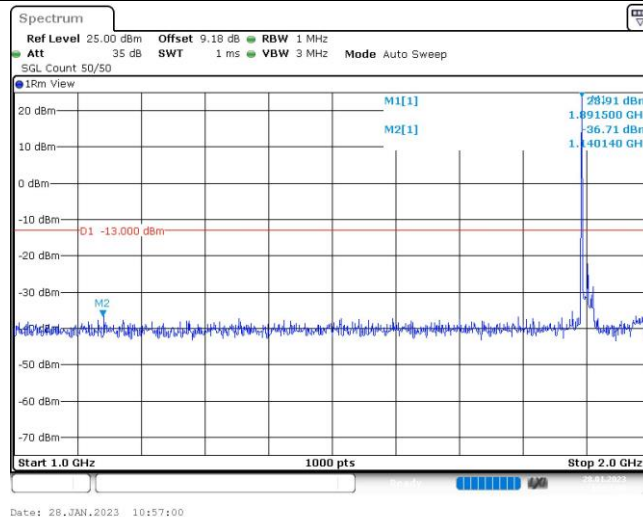
Band2-20MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



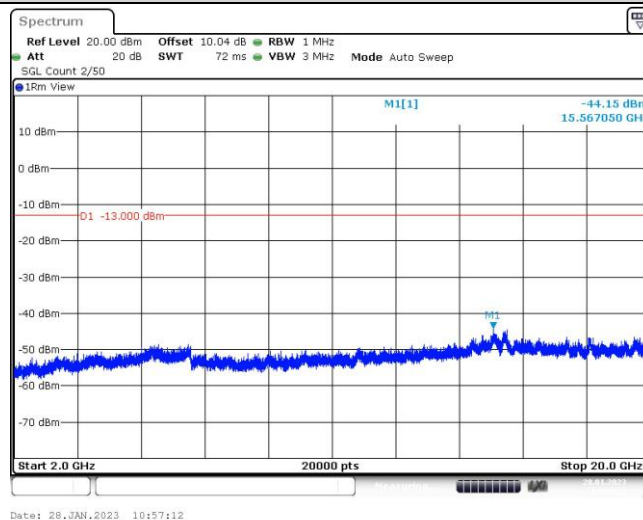
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~2000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range3:2000~20000MHz



APPENDIX D.6: FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-14.19	-0.007629	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-11.44	-0.006151	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-13.40	-0.007204	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	4.99	0.002654	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-10.64	-0.005660	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-8.60	-0.004574	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	3.91	0.002058	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-7.24	-0.003811	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-11.70	-0.006158	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-14.39	-0.007737	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-8.33	-0.004478	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-12.55	-0.006747	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-12.59	-0.006697	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-8.58	-0.004564	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-18.95	-0.010080	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-12.27	-0.006458	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-14.46	-0.007611	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-13.23	-0.006963	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-3.43	-0.001844	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-11.59	-0.006231	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-10.51	-0.005651	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-10.03	-0.005392	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-8.97	-0.004823	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-16.11	-0.008661	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-13.39	-0.007199	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	-15.81	-0.008500	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	55	-13.46	-0.007237	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-16.78	-0.008926	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-15.74	-0.008372	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-11.84	-0.006298	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-13.09	-0.006963	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-18.77	-0.009984	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-13.59	-0.007229	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	4.61	0.002452	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-13.16	-0.007000	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	55	-9.76	-0.005191	±2.5	PASS

Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-14.81	-0.007795	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-13.72	-0.007221	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-10.10	-0.005316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-14.56	-0.007663	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-16.32	-0.008589	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-17.22	-0.009063	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-10.70	-0.005632	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	2.39	0.001258	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	55	-13.06	-0.006874	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-13.18	-0.007086	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	-4.18	-0.002247	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-17.65	-0.009489	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-5.64	-0.003032	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	-9.83	-0.005285	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-13.12	-0.007054	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-15.26	-0.008204	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-19.24	-0.010344	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	55	-15.88	-0.008538	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-4.62	-0.002457	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-19.97	-0.010622	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-9.77	-0.005197	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-5.46	-0.002904	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-8.88	-0.004723	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-13.50	-0.007181	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-21.01	-0.011176	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-14.71	-0.007824	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	55	-21.10	-0.011223	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-14.78	-0.007779	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-18.58	-0.009779	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-8.15	-0.004289	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-20.20	-0.010632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-10.20	-0.005368	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-11.37	-0.005984	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-6.02	-0.003168	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-19.67	-0.010353	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	55	-15.26	-0.008032	±2.5	PASS