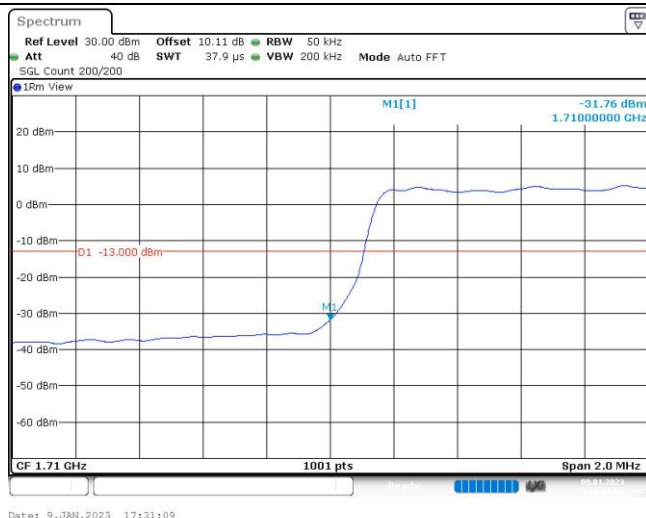




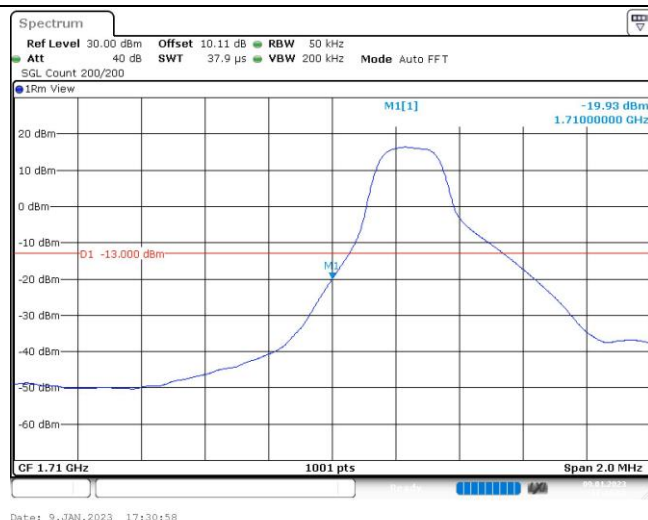
Band4-3MHz-QPSK-20385-1RB#14



Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-1RB#0



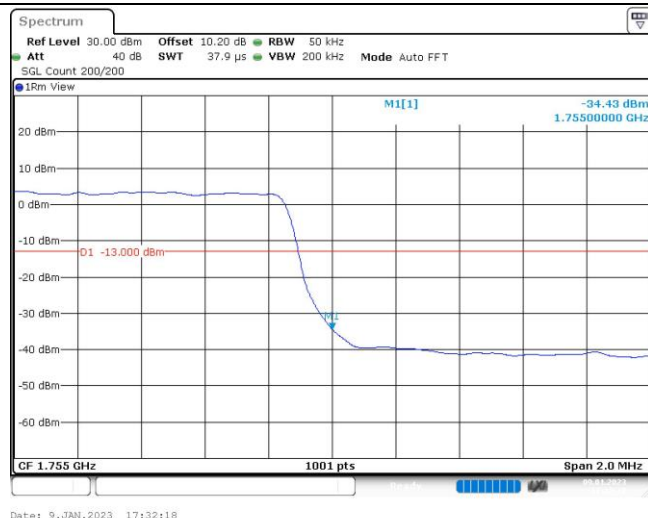
Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20385-1RB#14



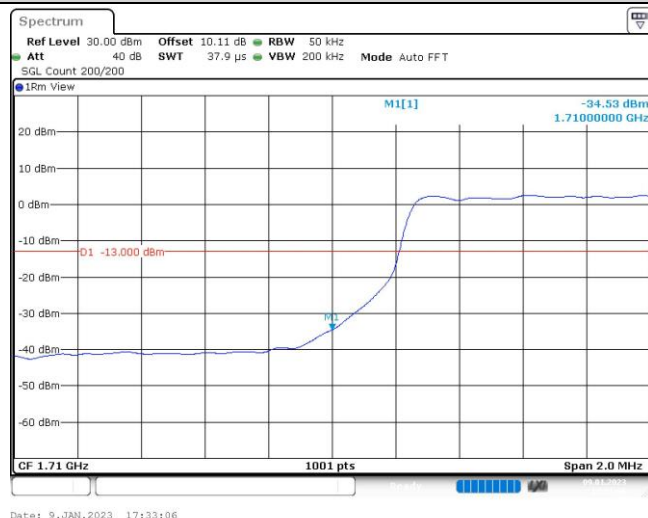
Band4-3MHz-16QAM-20385-15RB#0



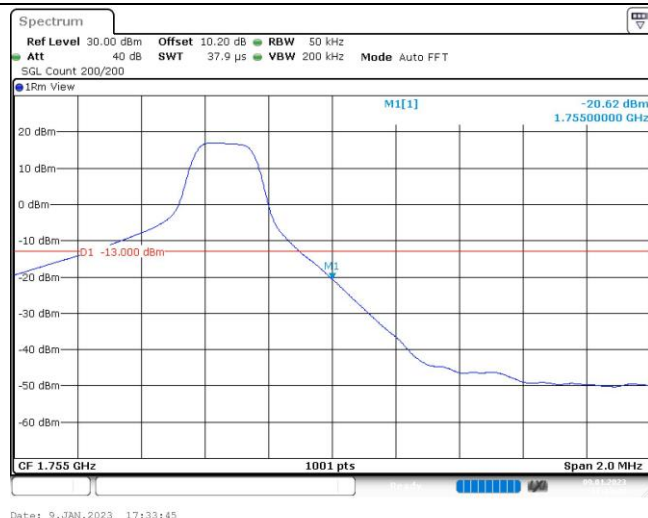
Band4-5MHz-QPSK-19975-1RB#0



Band4-5MHz-QPSK-19975-25RB#0



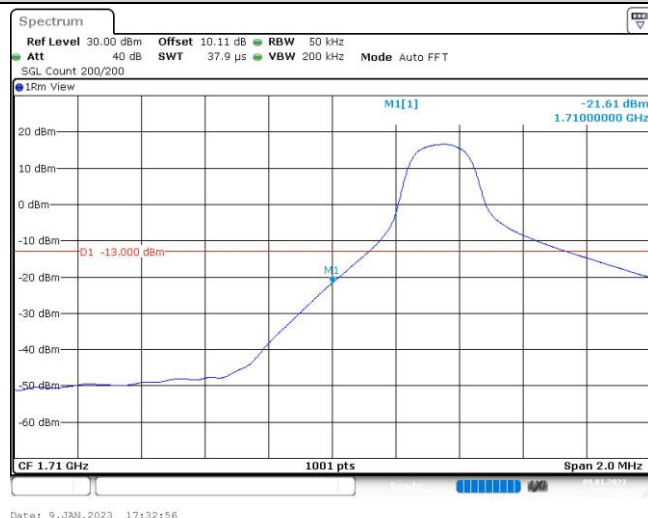
Band4-5MHz-QPSK-20375-1RB#24



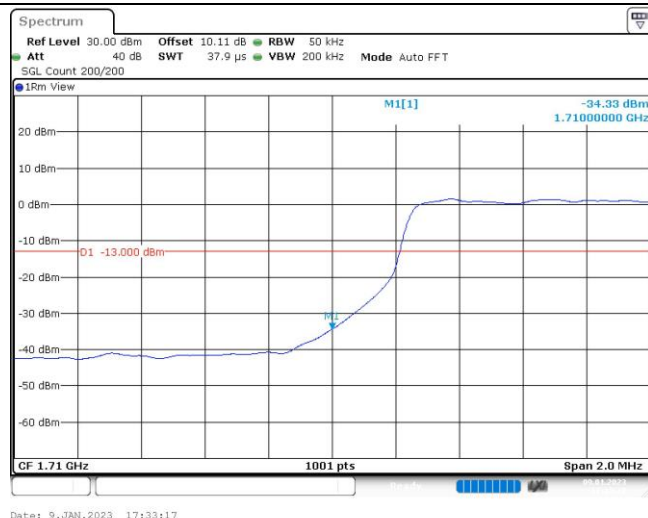
Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-16QAM-19975-1RB#0



Band4-5MHz-16QAM-19975-25RB#0



Date: 9.JAN.2023 17:33:17

Band4-5MHz-16QAM-20375-1RB#24



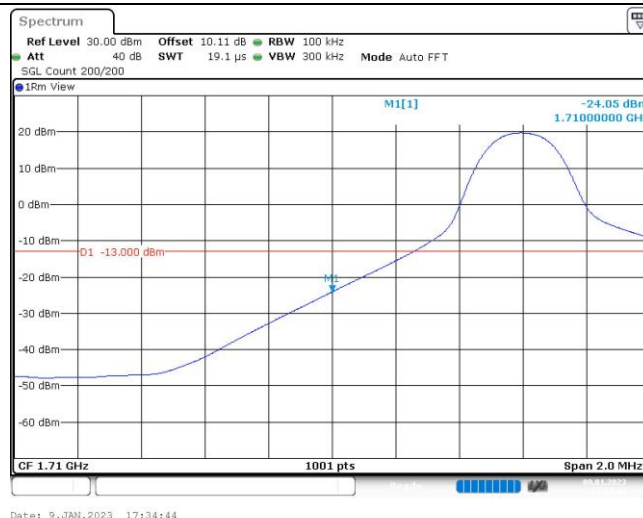
Date: 9.JAN.2023 17:33:55

Band4-5MHz-16QAM-20375-25RB#0

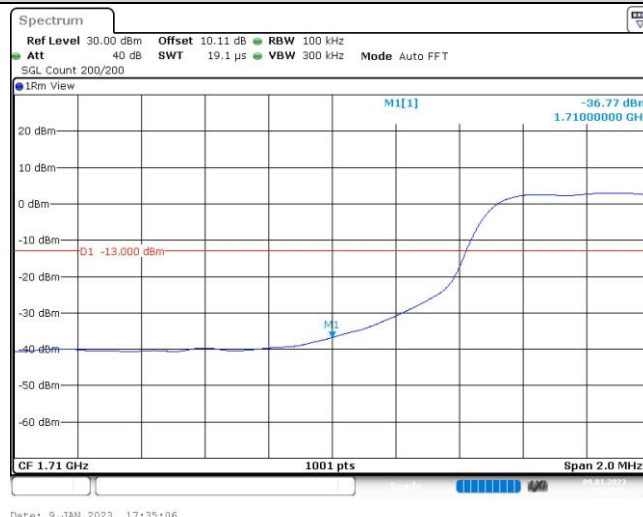


Date: 9.JAN.2023 17:34:16

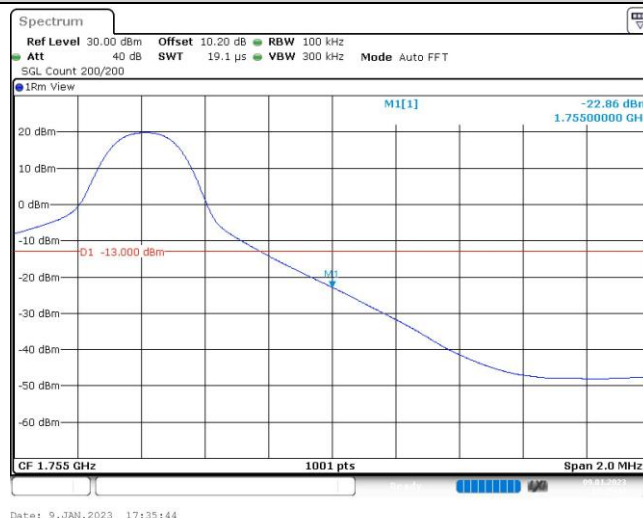
Band4-10MHz-QPSK-20000-1RB#0



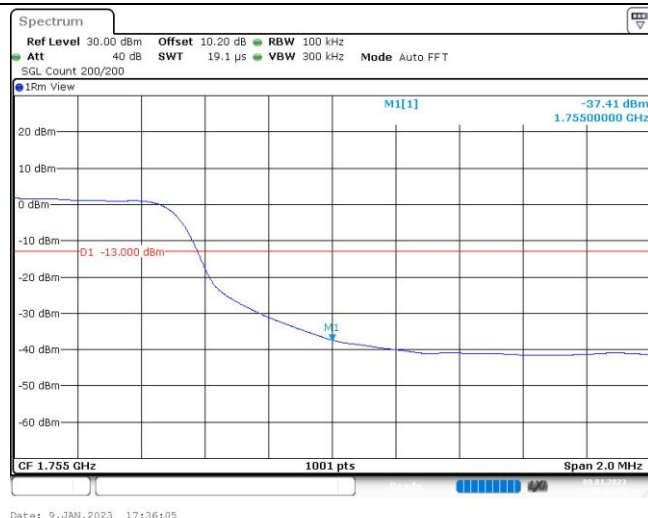
Band4-10MHz-QPSK-20000-50RB#0



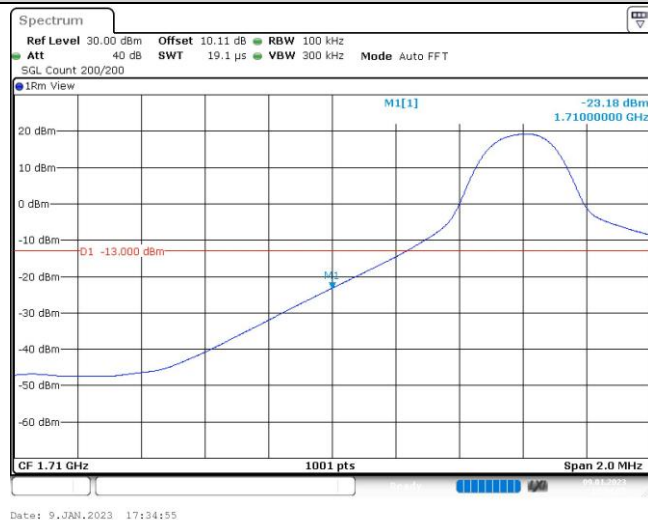
Band4-10MHz-QPSK-20350-1RB#49



Band4-10MHz-QPSK-20350-50RB#0



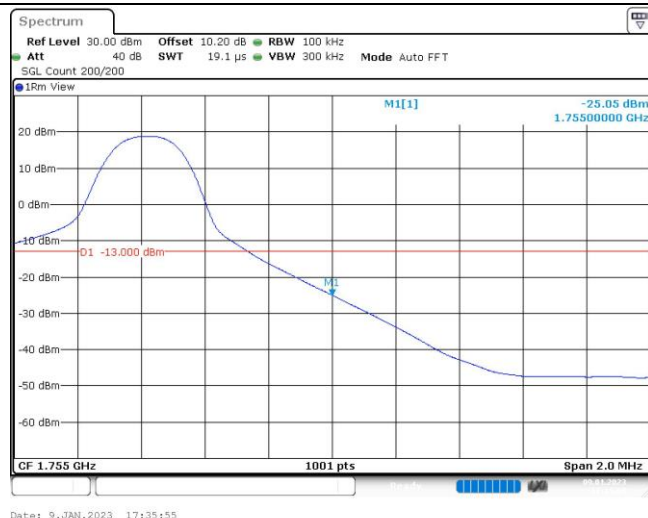
Band4-10MHz-16QAM-20000-1RB#0



Band4-10MHz-16QAM-20000-50RB#0



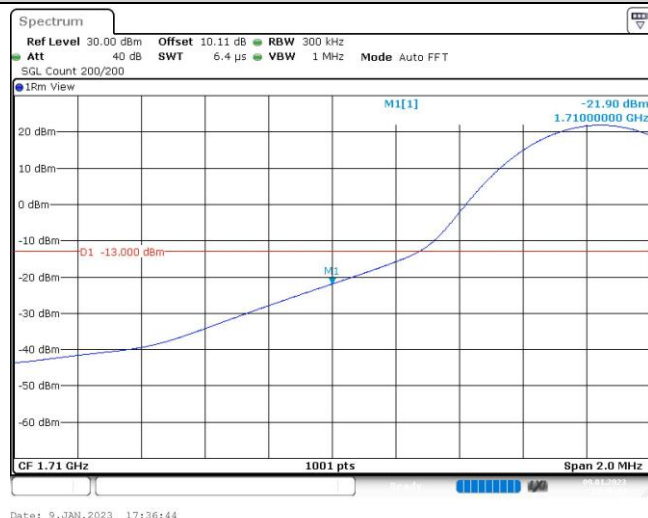
Band4-10MHz-16QAM-20350-1RB#49



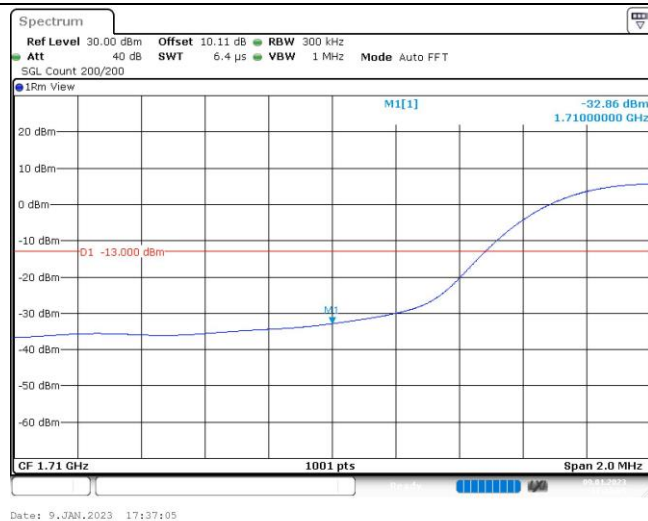
Band4-10MHz-16QAM-20350-50RB#0



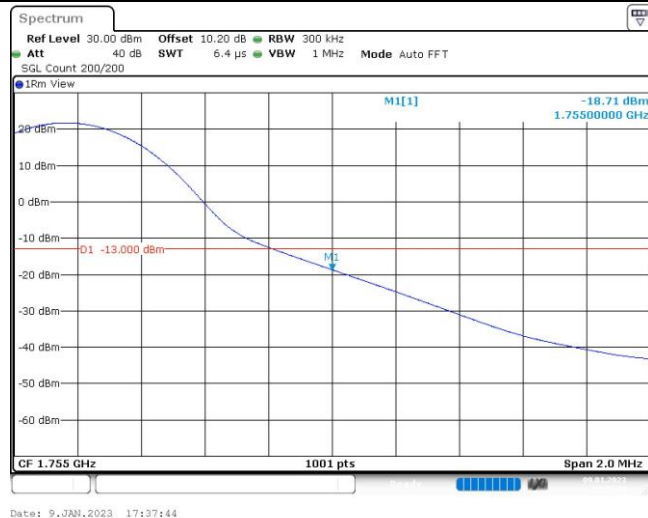
Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-75RB#0



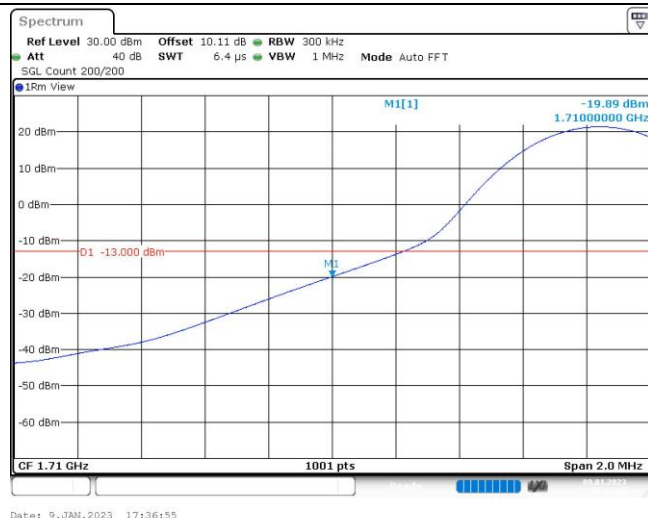
Band4-15MHz-QPSK-20325-1RB#74



Band4-15MHz-QPSK-20325-75RB#0



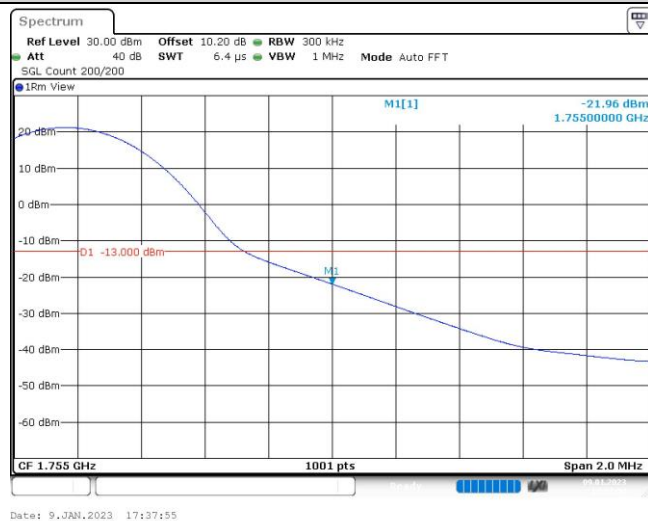
Band4-15MHz-16QAM-20025-1RB#0



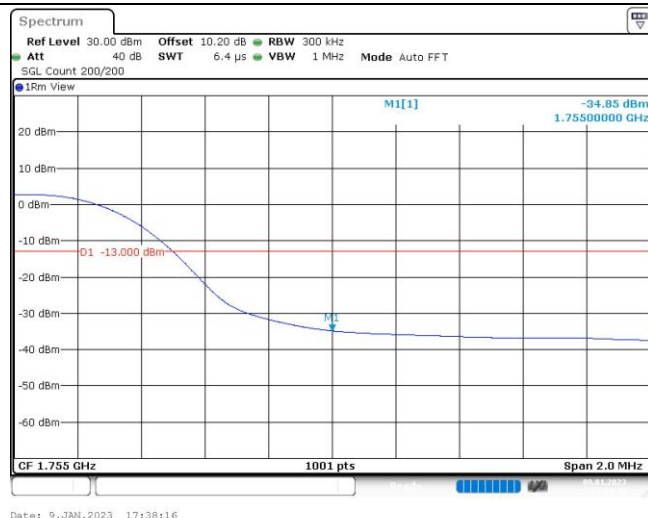
Band4-15MHz-16QAM-20025-75RB#0



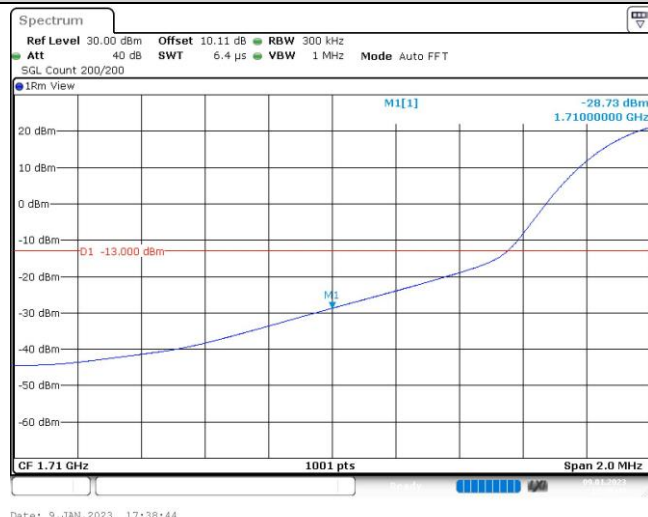
Band4-15MHz-16QAM-20325-1RB#74



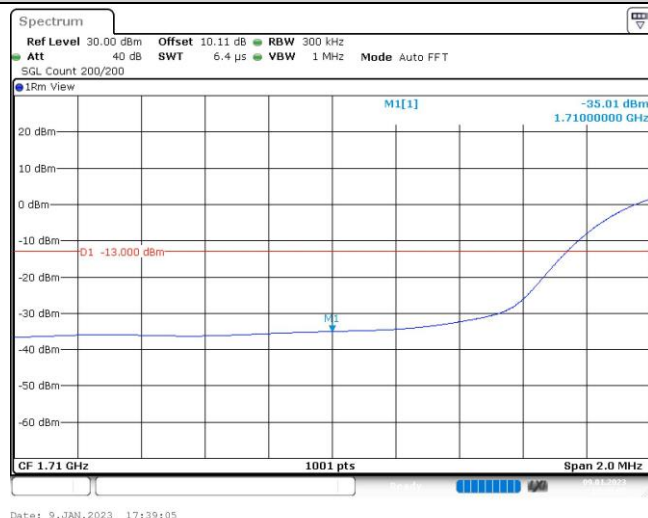
Band4-15MHz-16QAM-20325-75RB#0



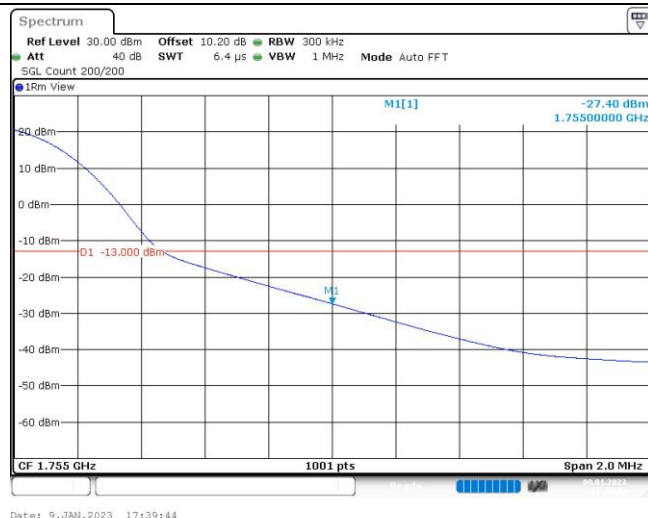
Band4-20MHz-QPSK-20050-1RB#0



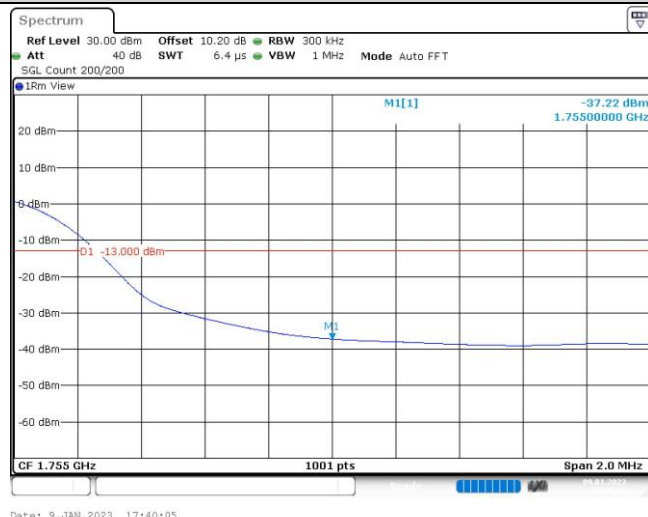
Band4-20MHz-QPSK-20050-100RB#0



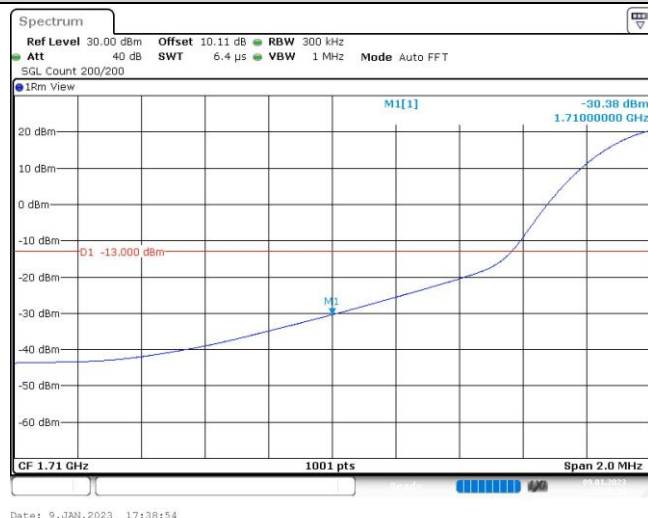
Band4-20MHz-QPSK-20300-1RB#99



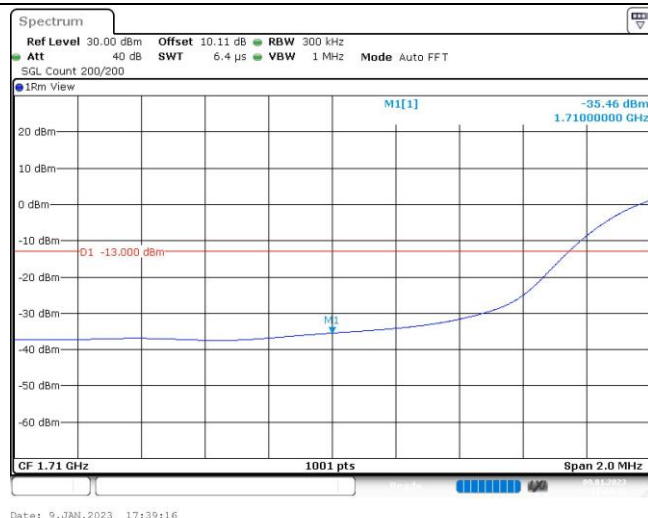
Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-1RB#0



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-1RB#99



Band4-20MHz-16QAM-20300-100RB#0



APPENDIX E.5: CONDUCTED SPURIOUS EMISSIONS

Test Result

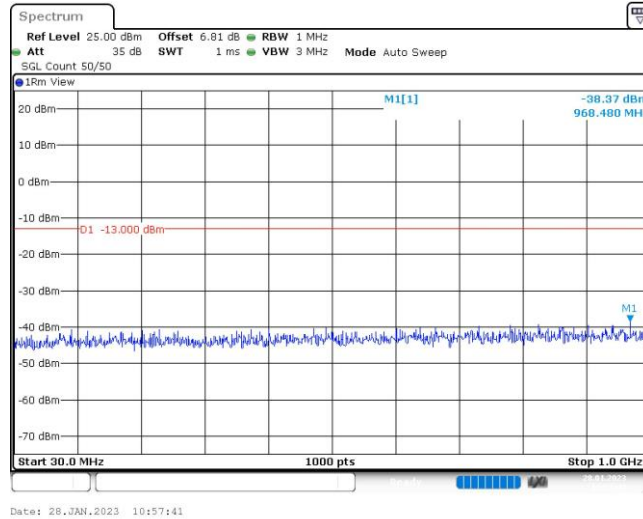
General:

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-38.37	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~2000MHz	-35.81	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:2000~20000MHz	-42.71	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-39.44	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-36.84	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-44.38	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-37.98	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~2000MHz	-36.79	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:2000~20000MHz	-43.71	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-39.47	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~2000MHz	-36.33	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:2000~20000MHz	-41.94	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-38.33	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-36.67	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-44.58	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-38.91	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~2000MHz	-36.57	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:2000~20000MHz	-42.91	PASS

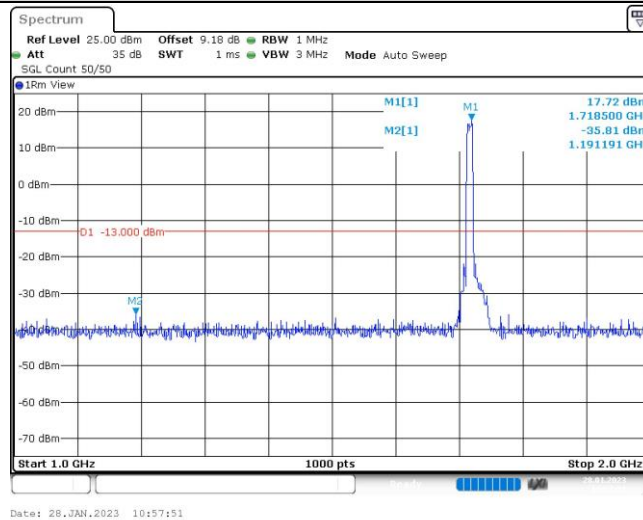
Test Graphs

General:

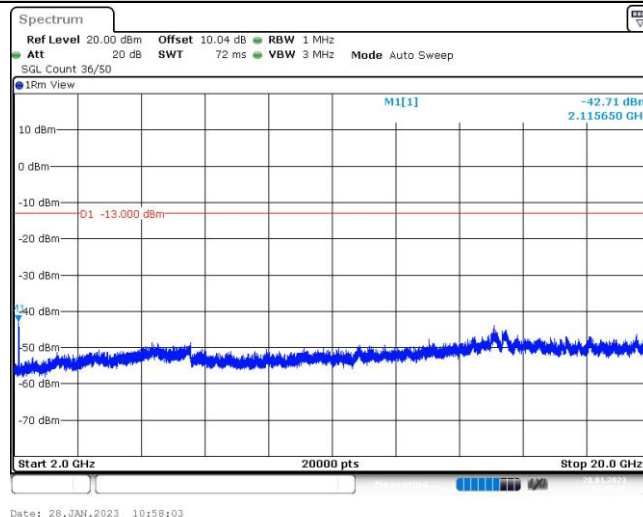
Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



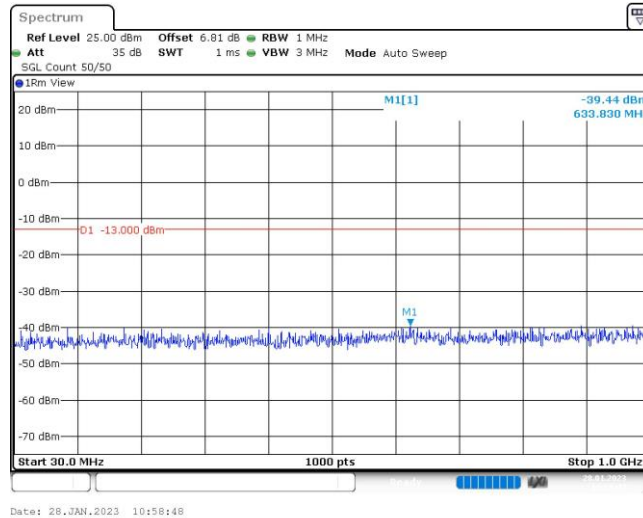
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~2000MHz



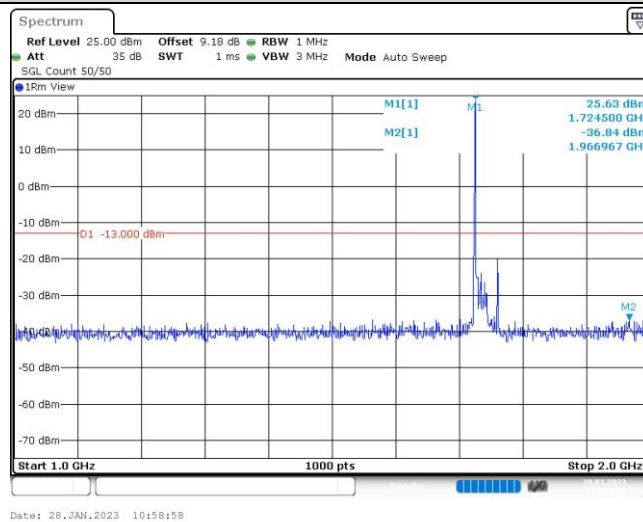
Band4-20MHz-QPSK-20050-1RB#0-Range3:2000~20000MHz



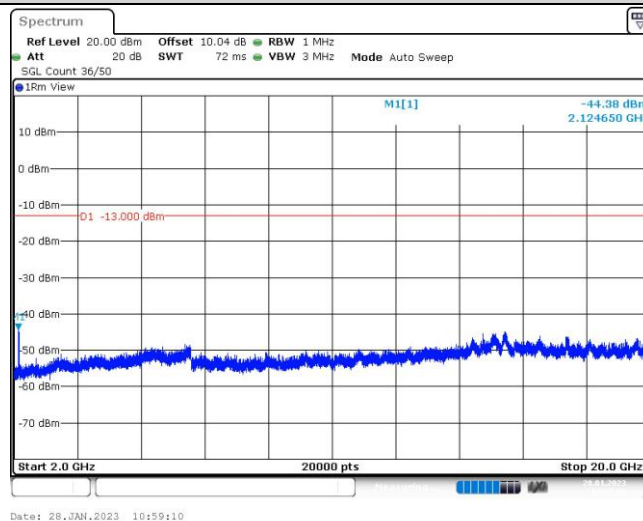
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



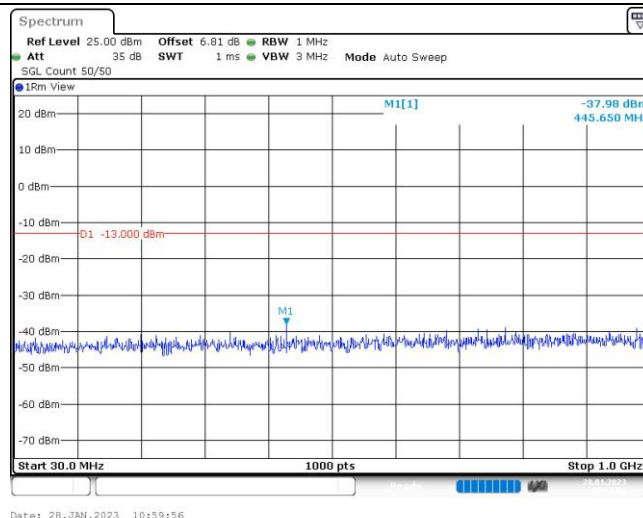
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



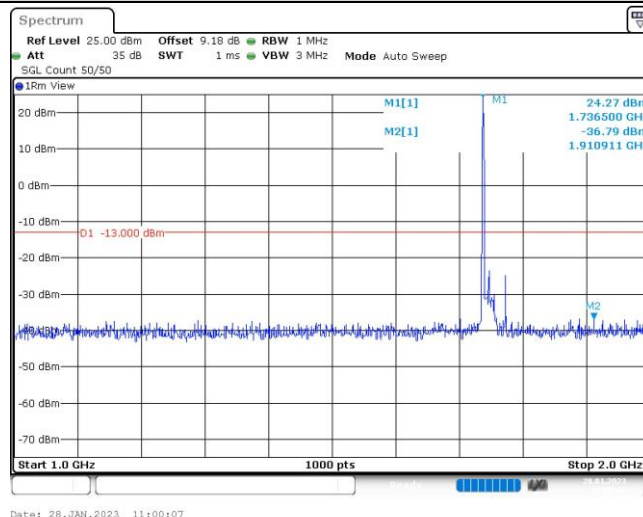
Band4-20MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



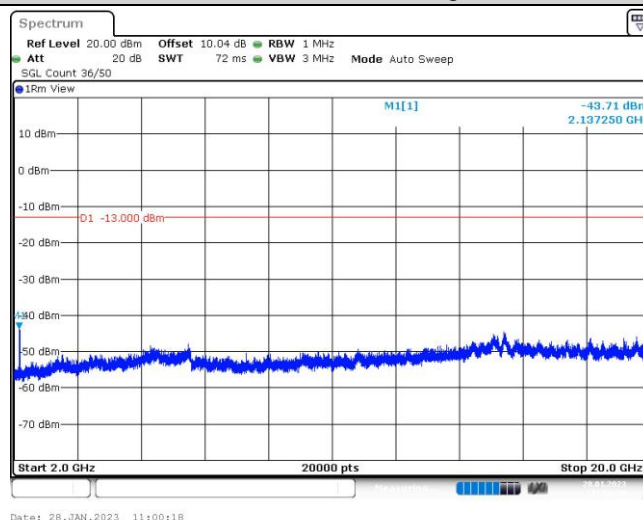
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



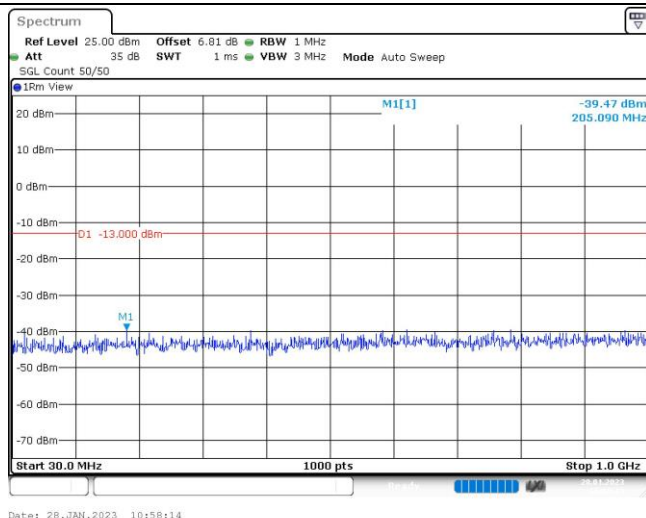
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~2000MHz



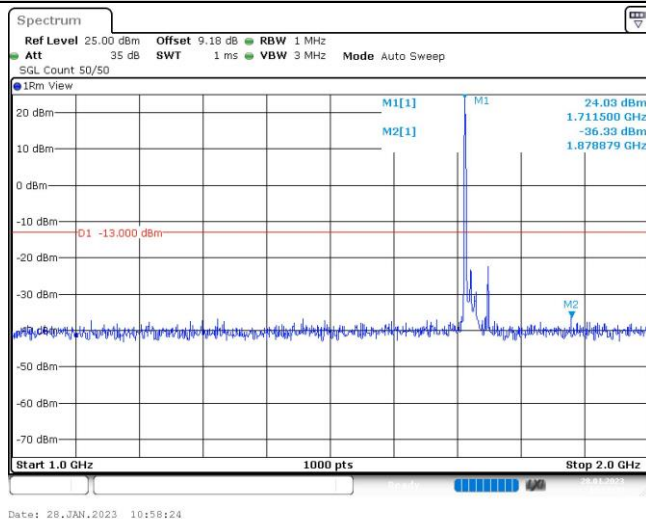
Band4-20MHz-QPSK-20300-1RB#0-Range3:2000~20000MHz



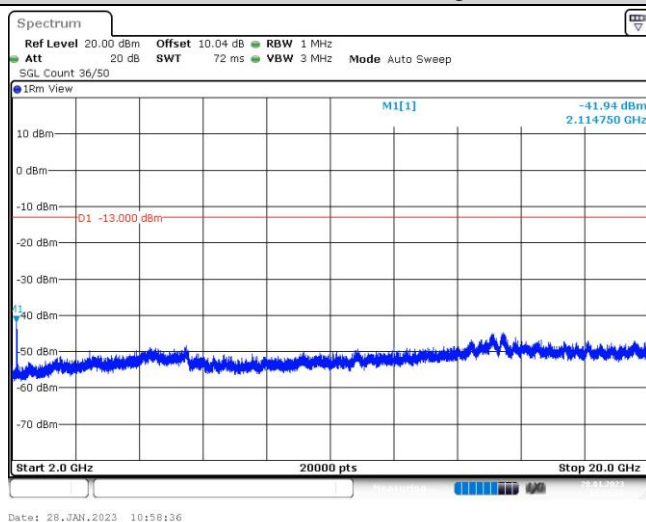
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



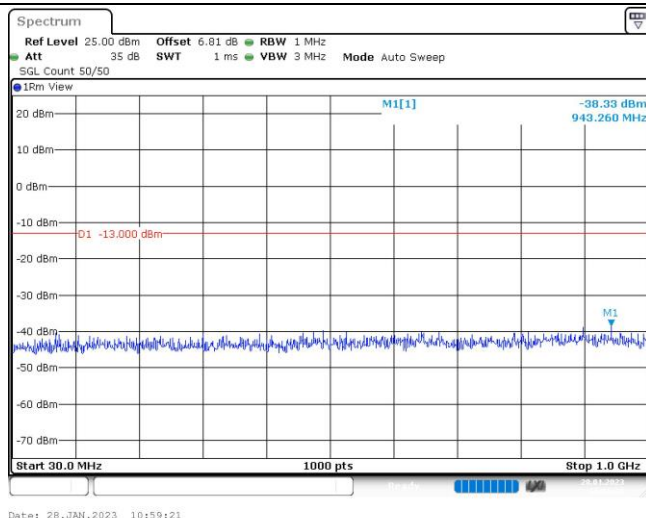
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~2000MHz



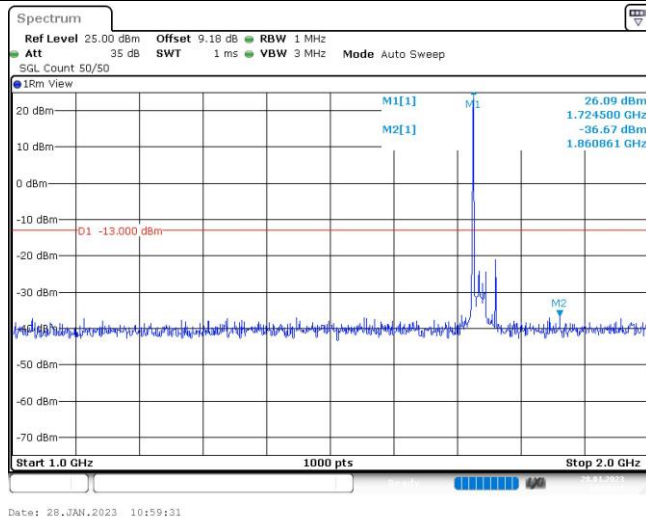
Band4-20MHz-16QAM-20050-1RB#0-Range3:2000~20000MHz



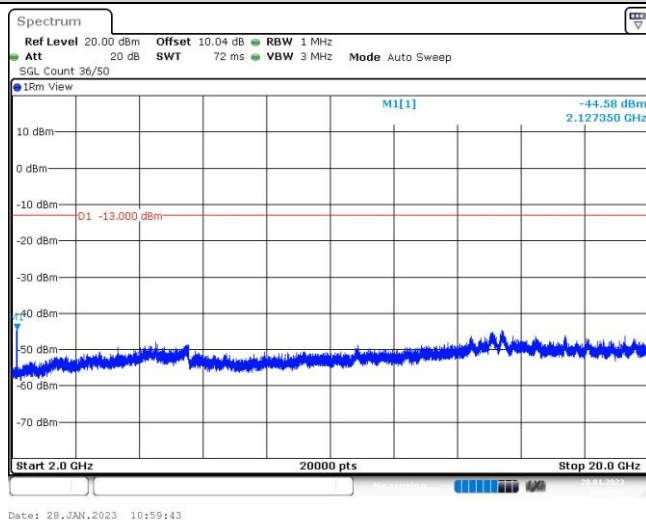
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



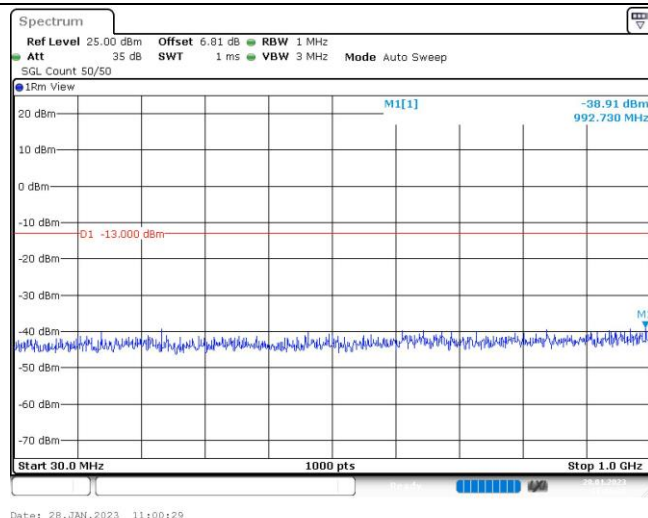
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



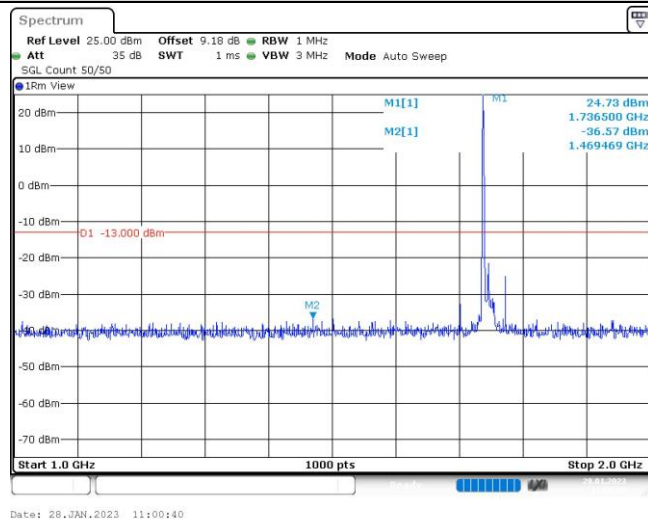
Band4-20MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



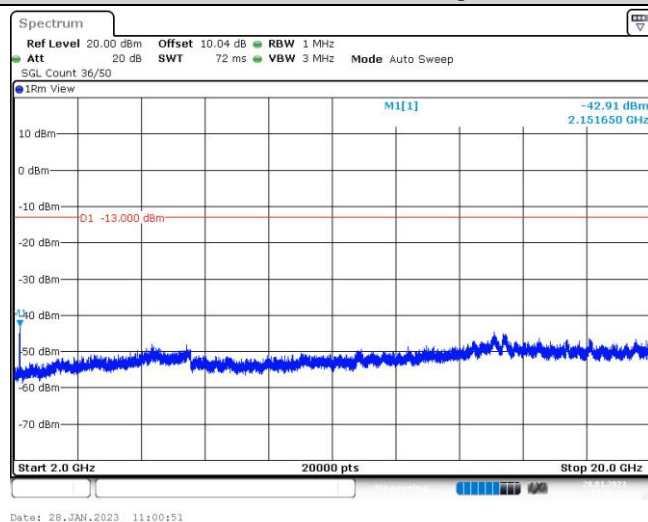
Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range3:2000~20000MHz



APPENDIX E.6: FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-12.27	-0.007134	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-4.36	-0.002535	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-9.26	-0.005384	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-10.44	-0.006026	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-15.98	-0.009224	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-17.21	-0.009934	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-12.53	-0.007181	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-11.23	-0.006436	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-14.82	-0.008493	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-16.82	-0.009779	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-13.25	-0.007703	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-12.20	-0.007093	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-6.48	-0.003740	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-9.73	-0.005616	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-15.79	-0.009114	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-15.28	-0.008756	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-12.67	-0.007261	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-7.22	-0.004138	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-15.42	-0.008965	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-15.68	-0.009116	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-13.89	-0.008076	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-16.31	-0.009483	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-20.91	-0.012157	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-7.11	-0.004134	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-12.95	-0.007529	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-14.43	-0.008390	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	55	-16.15	-0.009390	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-10.14	-0.005853	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-12.92	-0.007457	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	4.75	0.002742	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-6.39	-0.003688	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-7.10	-0.004098	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-14.31	-0.008260	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	8.03	0.004635	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-14.98	-0.008646	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	55	-5.58	-0.003221	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-13.50	-0.007736	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-10.63	-0.006092	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-9.63	-0.005519	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-7.65	-0.004384	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-4.01	-0.002298	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-17.22	-0.009868	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	4.49	0.002573	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-15.82	-0.009066	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	55	-16.55	-0.009484	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-5.78	-0.003360	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-15.59	-0.009064	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-9.06	-0.005267	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-11.44	-0.006651	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-14.45	-0.008401	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-19.70	-0.011453	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-12.30	-0.007151	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-18.75	-0.010901	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	55	-15.91	-0.009250	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-12.89	-0.007440	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-13.10	-0.007561	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-11.97	-0.006909	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-14.51	-0.008375	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-13.40	-0.007734	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-5.09	-0.002938	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-13.76	-0.007942	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-12.43	-0.007175	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	55	-7.60	-0.004387	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-14.68	-0.008413	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-8.67	-0.004968	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-13.03	-0.007467	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-13.62	-0.007805	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-4.79	-0.002745	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-13.19	-0.007559	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	3.45	0.001977	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-14.73	-0.008441	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	55	-12.32	-0.007060	±2.5	PASS