

APPENDIX L.4: BAND EDGE

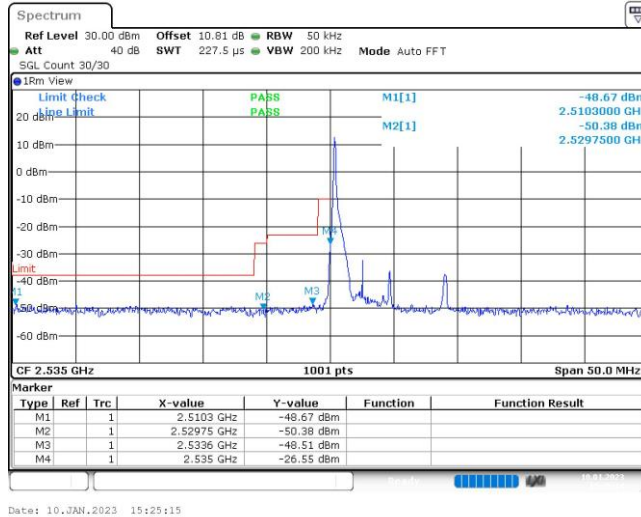
Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	QPSK	40065	1RB#0	-48.67,-50.38,- 48.51,-26.55	PASS
Band41	5MHz	QPSK	40065	25RB#0	-47.74,-46.15,- 39.43,-37.40	PASS
Band41	5MHz	QPSK	41215	1RB#24	-29.82,-47.55,- 49.14,-49.34	PASS
Band41	5MHz	QPSK	41215	25RB#0	-30.82,-36.01,- 46.10,-47.35	PASS
Band41	5MHz	16QAM	40065	1RB#0	-49.18,-49.66,- 48.89,-27.17	PASS
Band41	5MHz	16QAM	40065	25RB#0	-48.17,-46.88,- 39.21,-37.15	PASS
Band41	5MHz	16QAM	41215	1RB#24	-28.66,-47.14,- 48.75,-48.91	PASS
Band41	5MHz	16QAM	41215	25RB#0	-36.23,-37.59,- 45.94,-47.56	PASS
Band41	10MHz	QPSK	40090	1RB#0	-45.94,-45.83,- 46.06,-28.20	PASS
Band41	10MHz	QPSK	40090	50RB#0	-45.43,-39.79,- 38.81,-36.69	PASS
Band41	10MHz	QPSK	41190	1RB#49	-23.54,-46.00,- 45.90,-46.52	PASS
Band41	10MHz	QPSK	41190	50RB#0	-35.74,-36.25,- 36.39,-43.92	PASS
Band41	10MHz	16QAM	40090	1RB#0	-46.07,-45.24,- 46.09,-30.11	PASS
Band41	10MHz	16QAM	40090	50RB#0	-45.48,-40.78,- 38.79,-37.20	PASS
Band41	10MHz	16QAM	41190	1RB#49	-31.02,-46.53,- 43.92,-46.14	PASS
Band41	10MHz	16QAM	41190	50RB#0	-35.52,-37.20,- 38.56,-44.85	PASS
Band41	15MHz	QPSK	40115	1RB#0	-40.14,-41.50,- 41.47,-28.77	PASS
Band41	15MHz	QPSK	40115	75RB#0	-41.01,-36.08,- 34.69,-35.94	PASS
Band41	15MHz	QPSK	41165	1RB#74	-40.07,-41.50,- 41.04,-41.95	PASS
Band41	15MHz	QPSK	41165	75RB#0	-32.88,-32.41,- 33.00,-40.96	PASS
Band41	15MHz	16QAM	40115	1RB#0	-40.89,-40.86,- 40.83,-35.74	PASS
Band41	15MHz	16QAM	40115	75RB#0	-40.47,-35.94,- 35.61,-35.80	PASS
Band41	15MHz	16QAM	41165	1RB#74	-20.95,-41.06,- 41.23,-41.97	PASS
Band41	15MHz	16QAM	41165	75RB#0	-32.59,-31.43,- 33.26,-40.48	PASS
Band41	20MHz	QPSK	40140	1RB#0	-41.02,-37.20,-	PASS

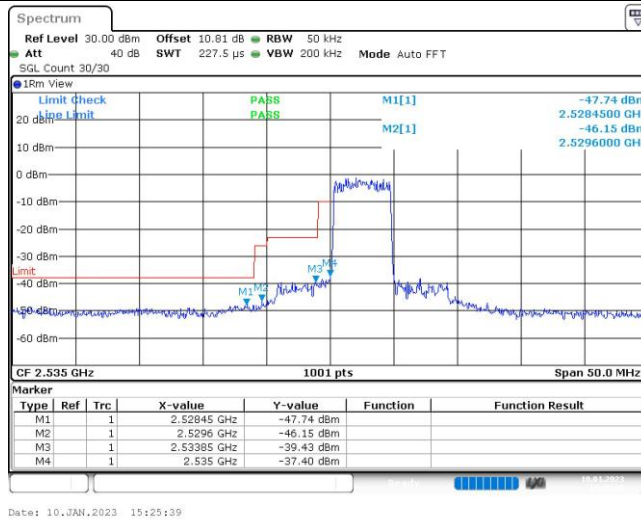
					33.90,-27.81	
Band41	20MHz	QPSK	40140	100RB#0	-40.75,-37.59,- 37.45,-35.99	PASS
Band41	20MHz	QPSK	41140	1RB#99	-40.89,-41.50,- 41.38,-42.36	PASS
Band41	20MHz	QPSK	41140	100RB#0	-33.04,-34.11,- 34.01,-41.19	PASS
Band41	20MHz	16QAM	40140	1RB#0	-40.20,-41.19,- 39.74,-25.17	PASS
Band41	20MHz	16QAM	40140	100RB#0	-41.78,-37.22,- 35.98,-35.98	PASS
Band41	20MHz	16QAM	41140	1RB#99	-19.77,-41.30,- 41.43,-42.03	PASS
Band41	20MHz	16QAM	41140	100RB#0	-33.43,-34.06,- 35.35,-40.04	PASS

Test Graphs

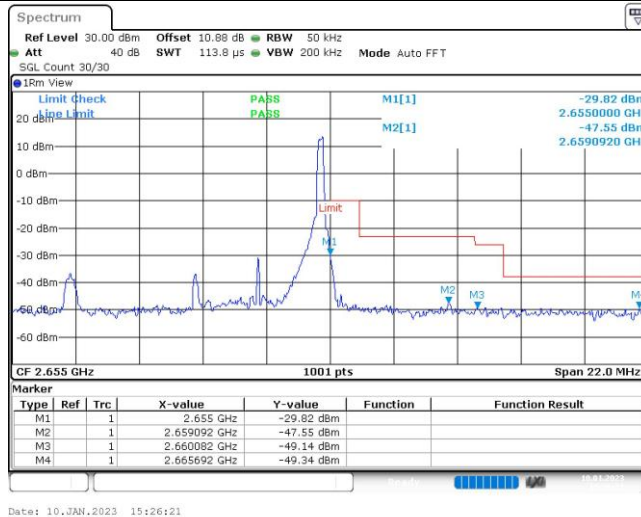
Band41-5MHz-QPSK-40065-1RB#0



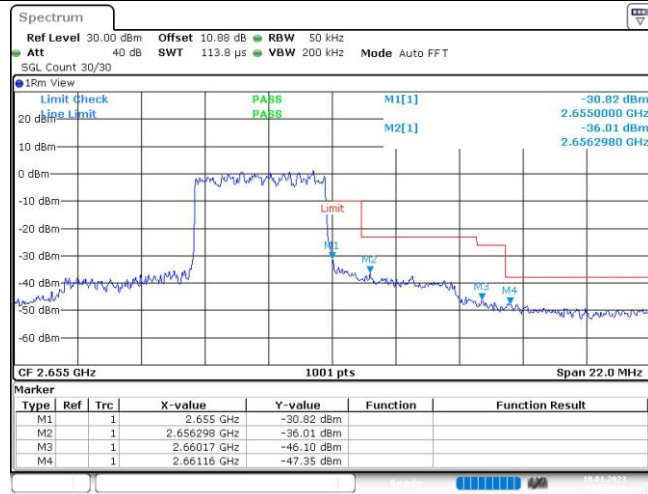
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Band41-5MHz-QPSK-41215-1RB#24

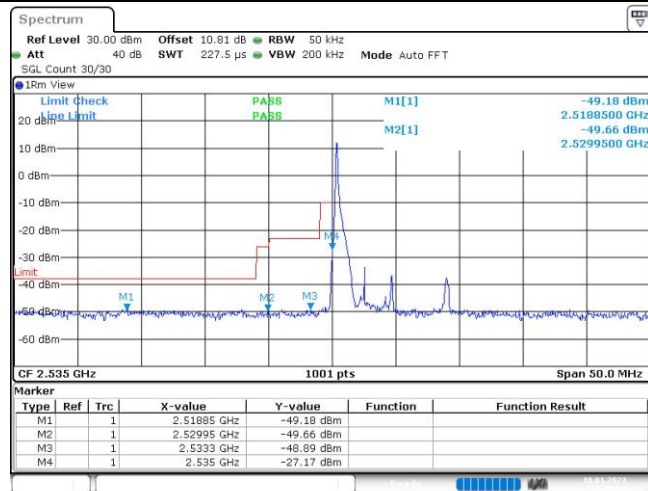


Band41-5MHz-QPSK-41215-25RB#0



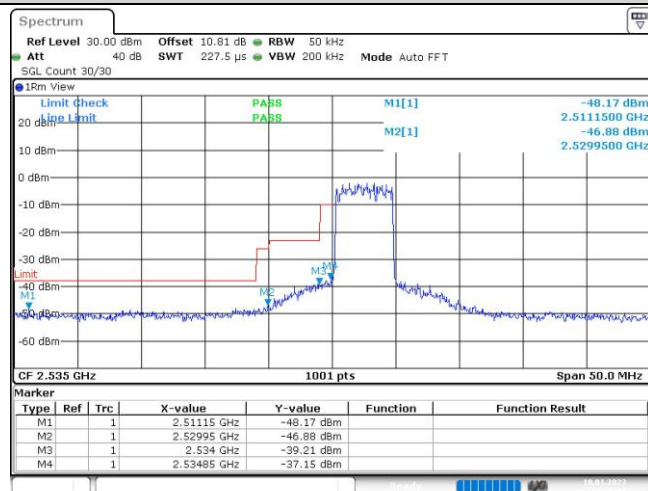
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Band41-5MHz-16QAM-40065-1RB#0



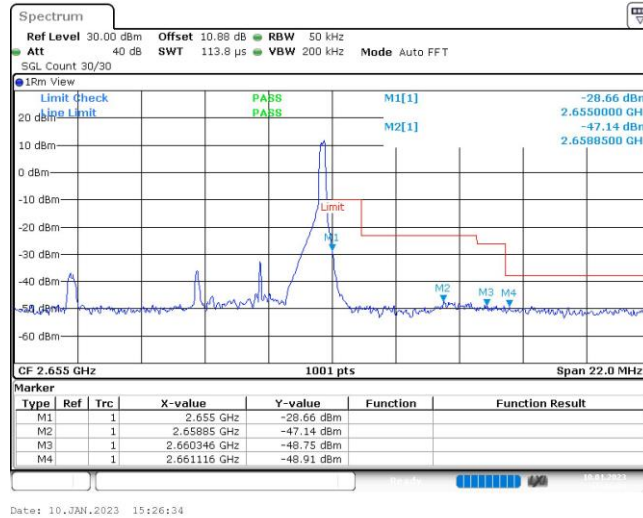
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Band41-5MHz-16QAM-40065-25RB#0

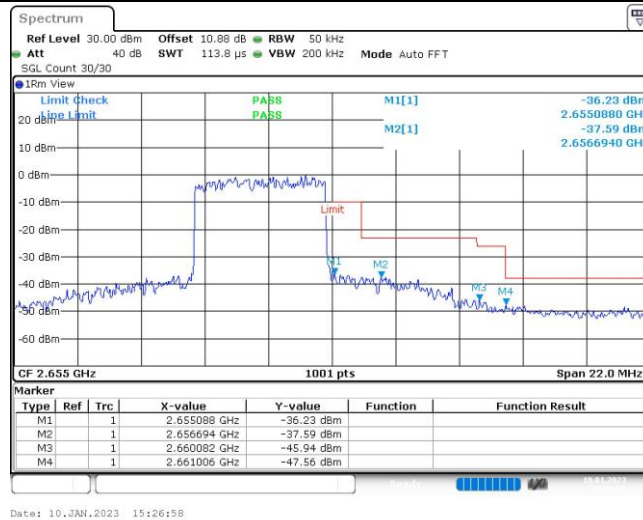


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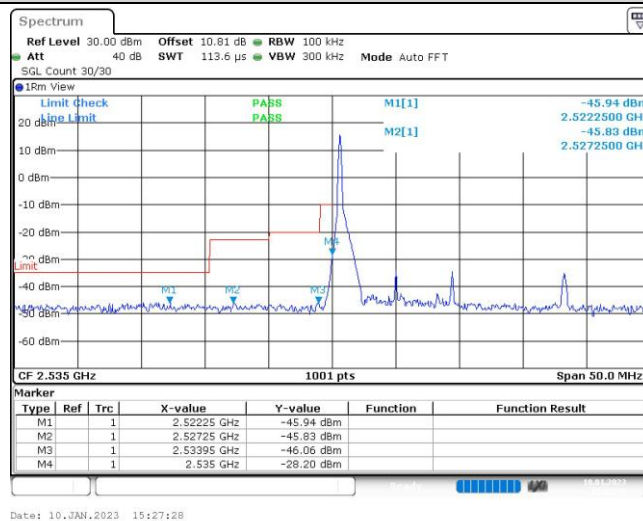
Band41-5MHz-16QAM-41215-1RB#24



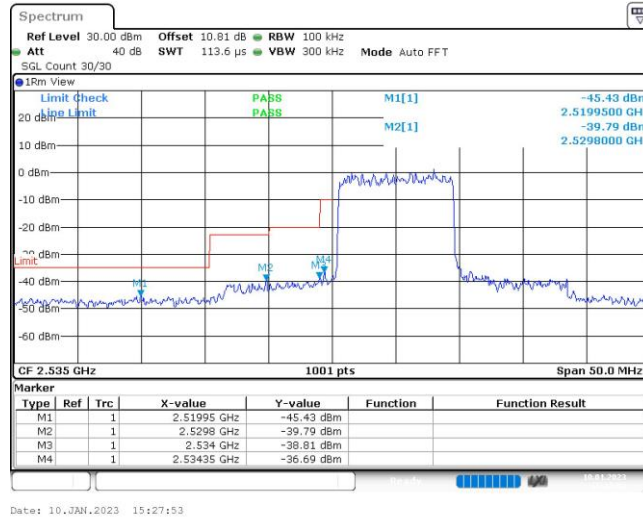
Band41-5MHz-16QAM-41215-25RB#0



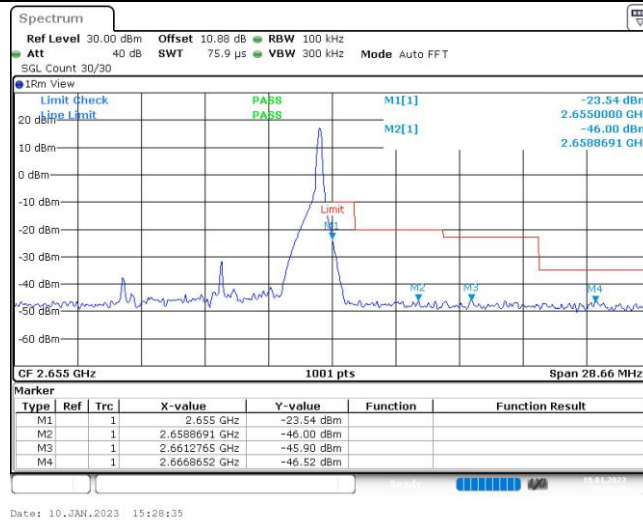
Band41-10MHz-QPSK-40090-1RB#0



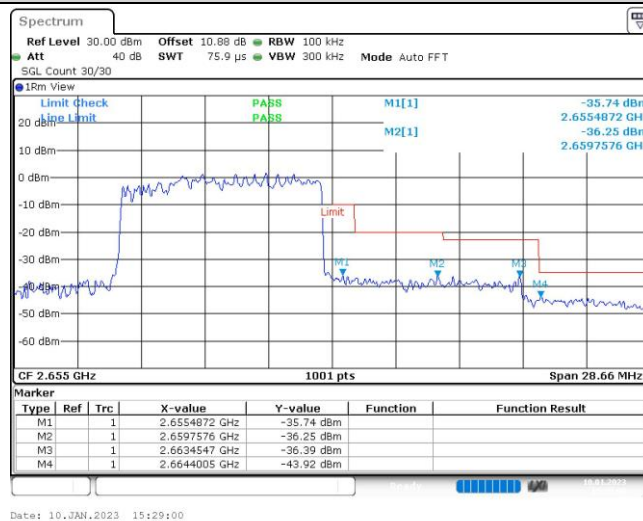
Band41-10MHz-QPSK-40090-50RB#0



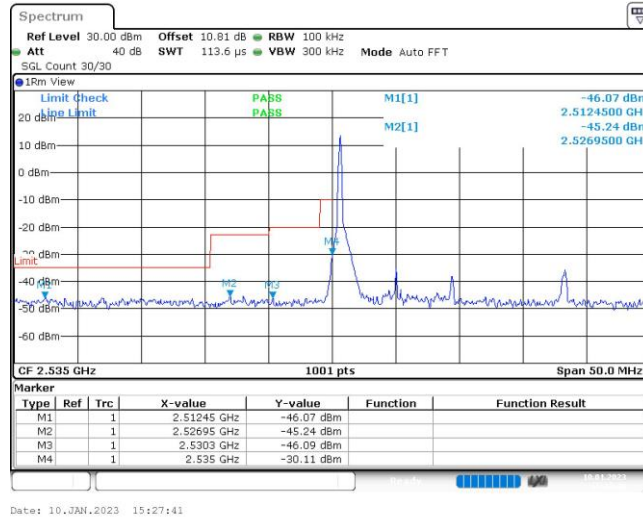
Band41-10MHz-QPSK-41190-1RB#49



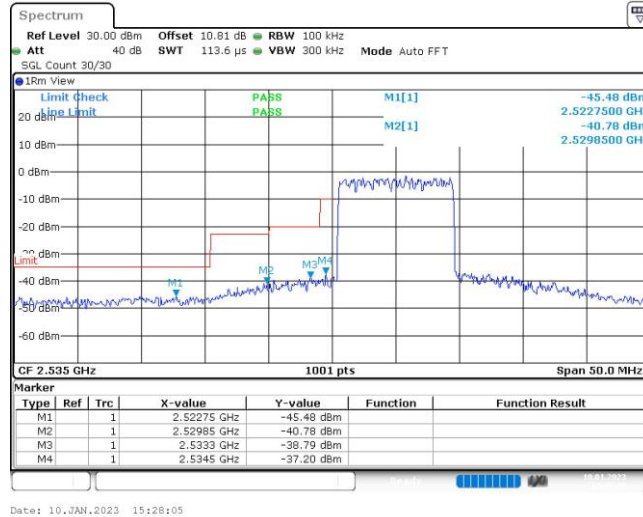
Band41-10MHz-QPSK-41190-50RB#0



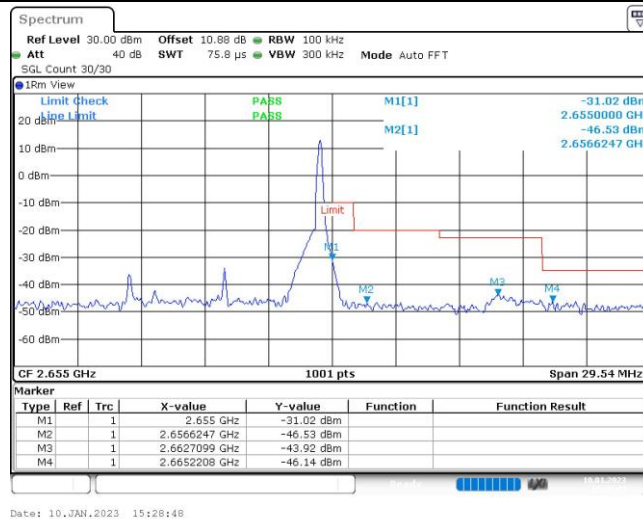
Band41-10MHz-16QAM-40090-1RB#0



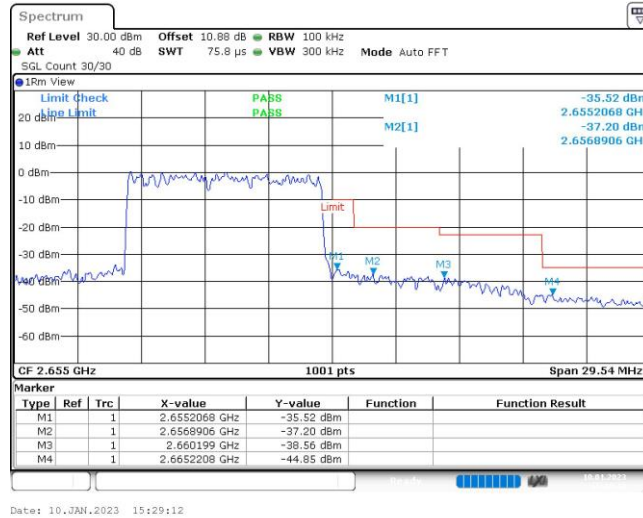
Band41-10MHz-16QAM-40090-50RB#0



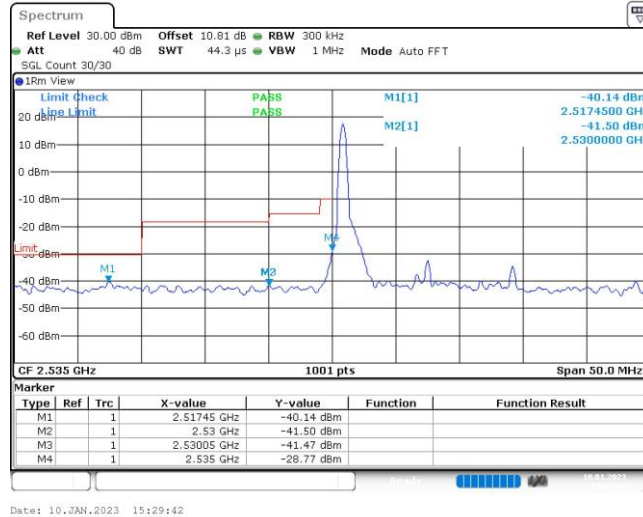
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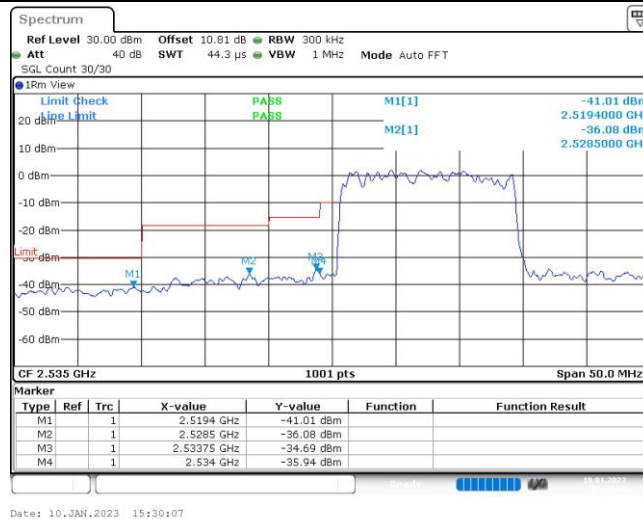
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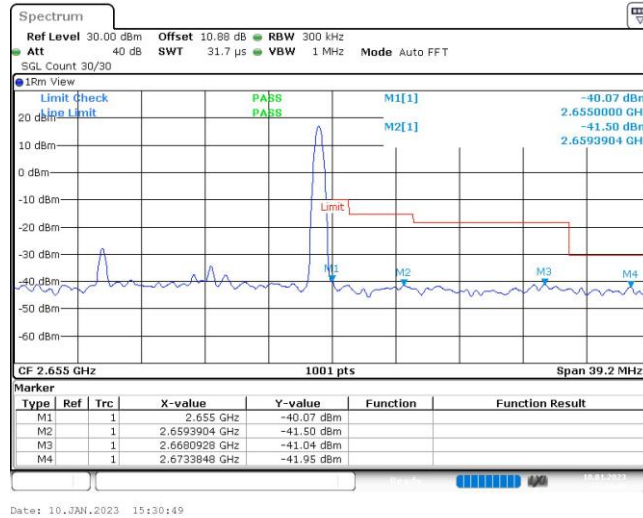
Band41-15MHz-QPSK-40115-1RB#0



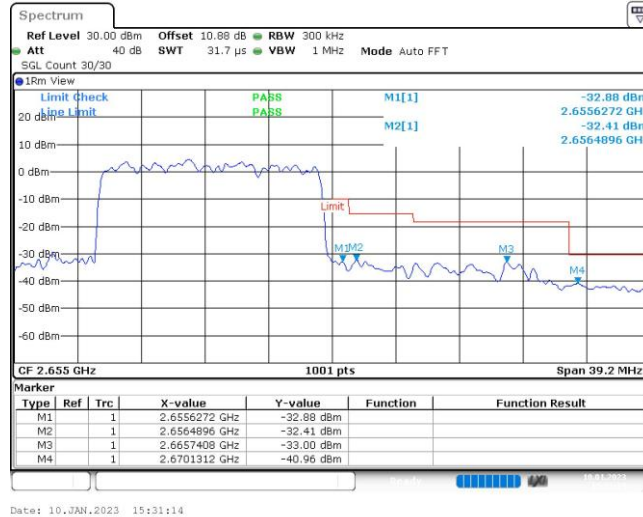
Band41-15MHz-QPSK-40115-75RB#0



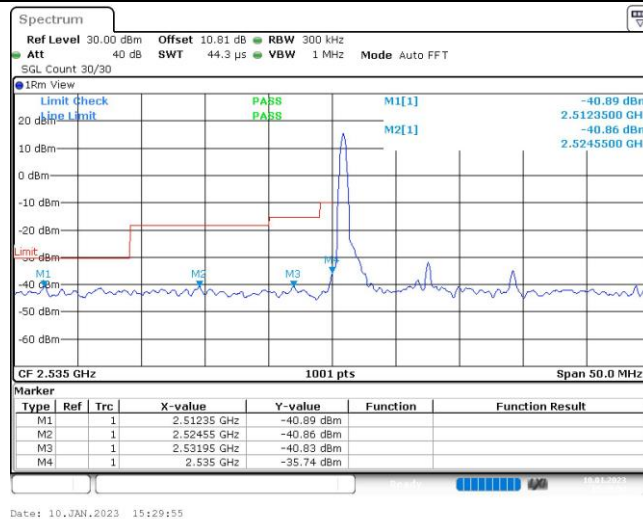
Band41-15MHz-QPSK-41165-1RB#74



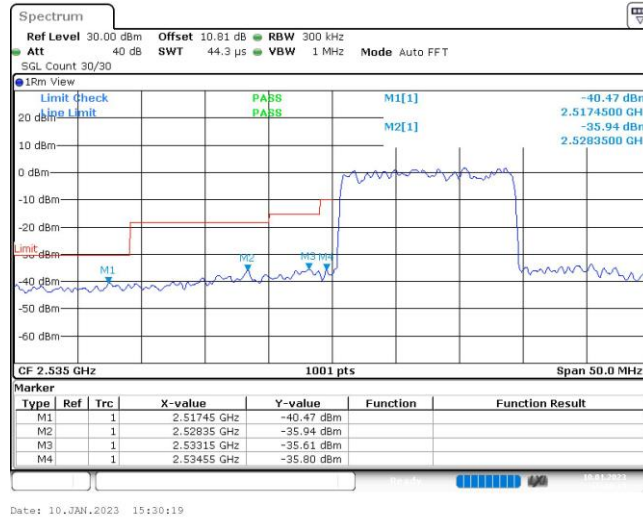
Band41-15MHz-QPSK-41165-75RB#0



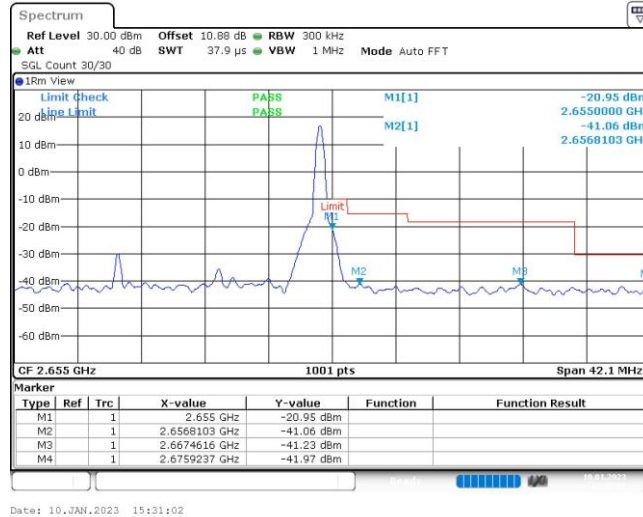
Band41-15MHz-16QAM-40115-1RB#0



Band41-15MHz-16QAM-40115-75RB#0



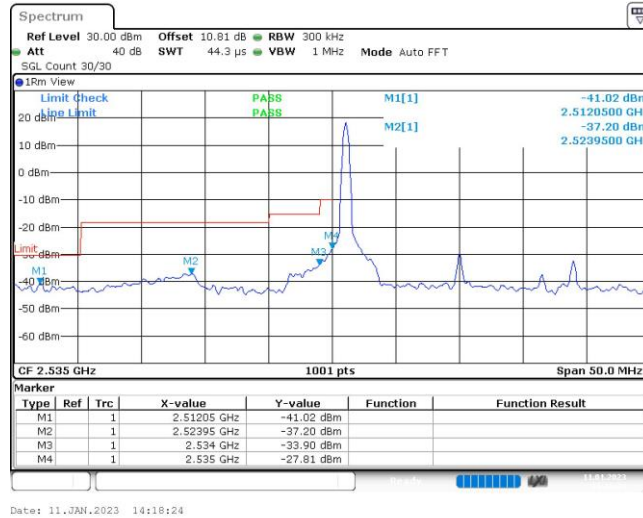
Band41-15MHz-16QAM-41165-1RB#74



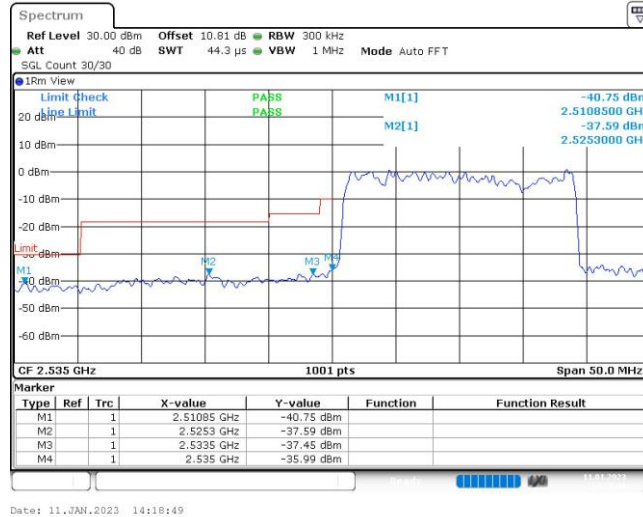
Band41-15MHz-16QAM-41165-75RB#0



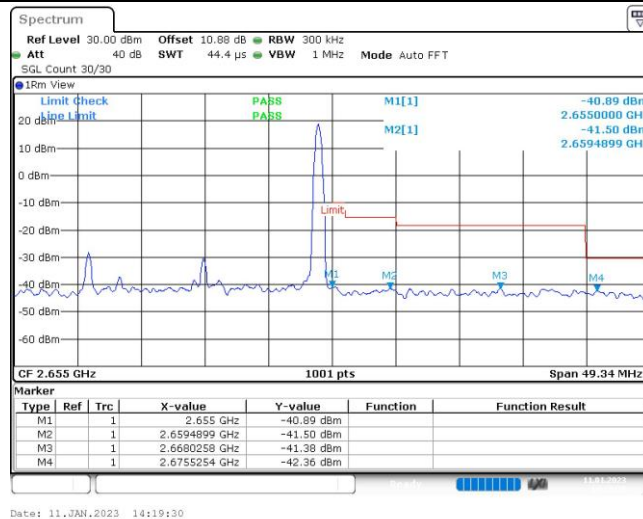
Band41-20MHz-QPSK-40140-1RB#0



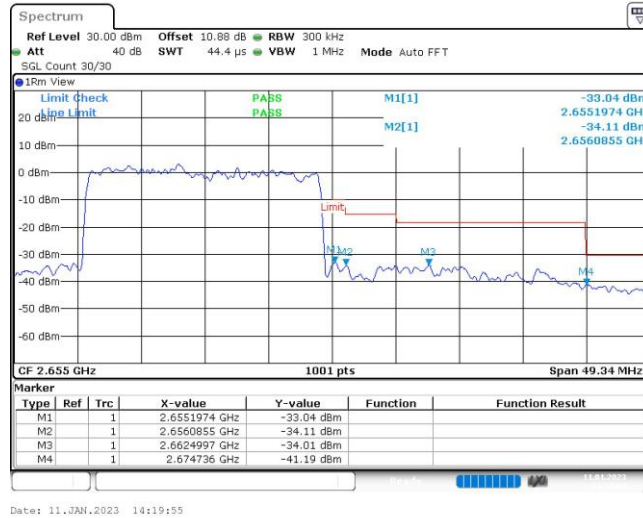
Band41-20MHz-QPSK-40140-100RB#0



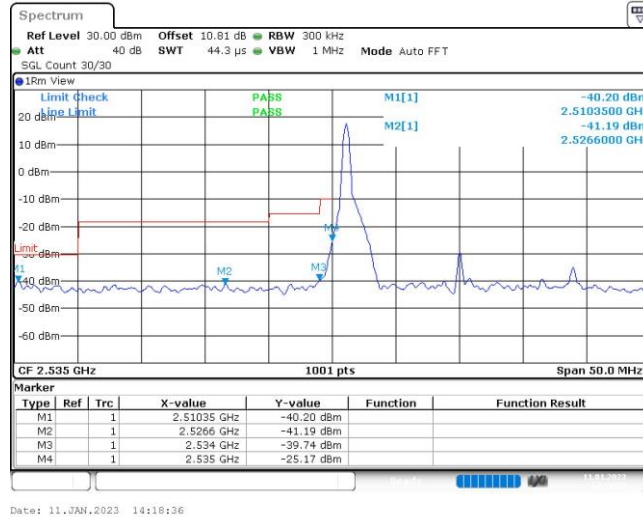
Band41-20MHz-QPSK-41140-1RB#99



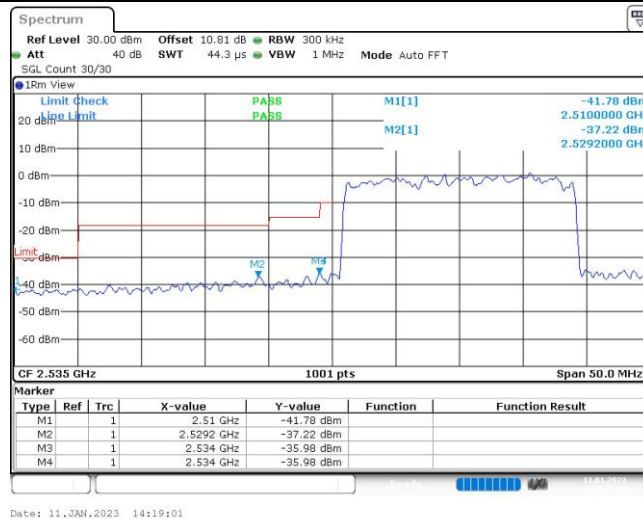
Band41-20MHz-QPSK-41140-100RB#0



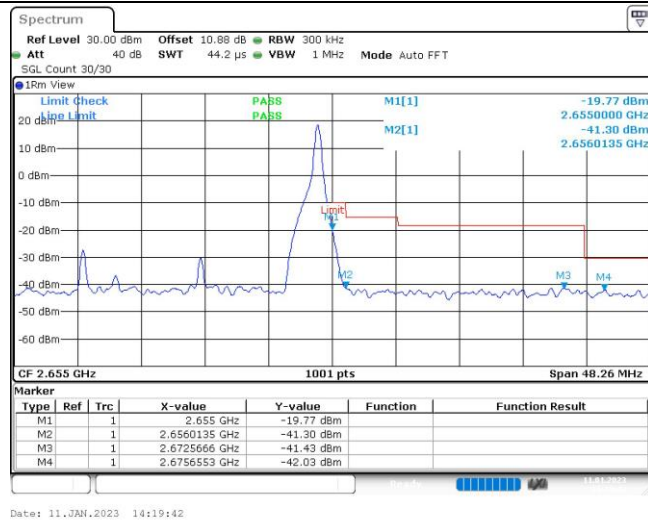
Band41-20MHz-16QAM-40140-1RB#0



Band41-20MHz-16QAM-40140-100RB#0



Band41-20MHz-16QAM-41140-1RB#99



Band41-20MHz-16QAM-41140-100RB#0



APPENDIX L.5: CONDUCTED SPURIOUS EMISSIONS

Test Result

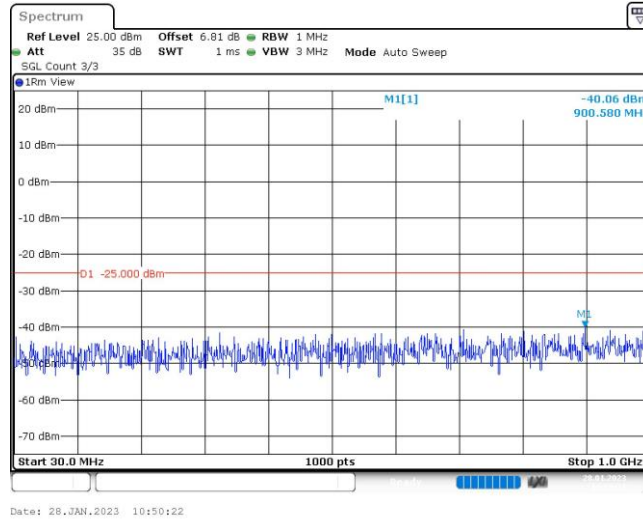
General:

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	20MHz	QPSK	40140	1RB#0	Range1:30~1000MHz	-40.06	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range2:1000~3000MHz	-38.24	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range3:3000~26500MHz	-45.68	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-40.25	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range2:1000~3000MHz	-38.41	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range3:3000~26500MHz	-44.71	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-41.41	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~3000MHz	-38.04	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range3:3000~26500MHz	-43.97	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range1:30~1000MHz	-41.24	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range2:1000~3000MHz	-38.38	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range3:3000~26500MHz	-44.63	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-41.17	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range2:1000~3000MHz	-38.79	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range3:3000~26500MHz	-45.16	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-39.43	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~3000MHz	-39.18	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range3:3000~26500MHz	-44.95	PASS

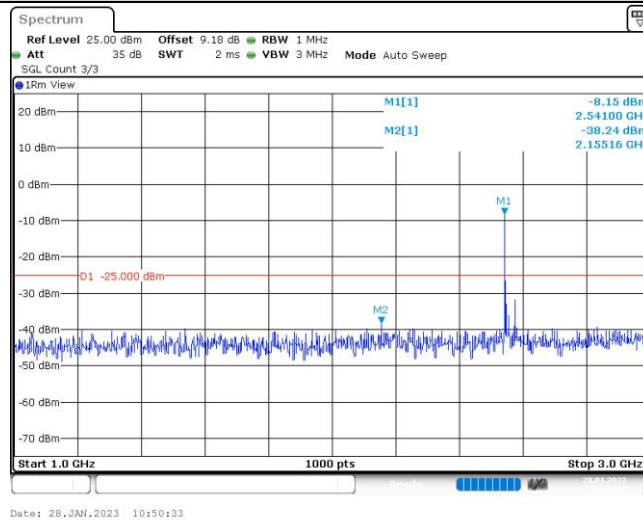
Test Graphs

General:

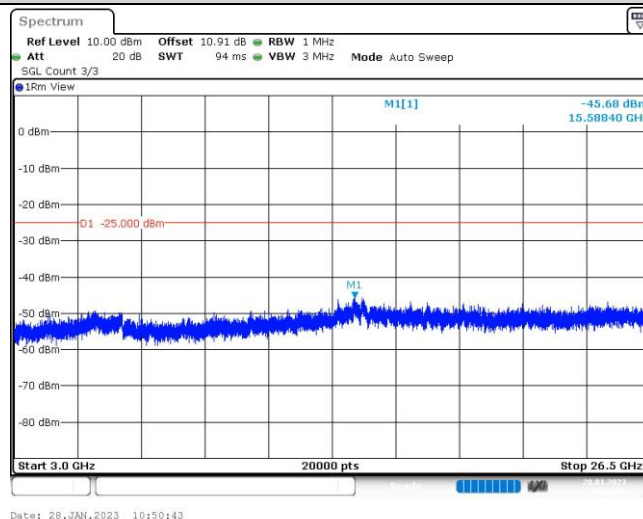
Band41-20MHz-QPSK-40140-1RB#0-Range1:30~1000MHz



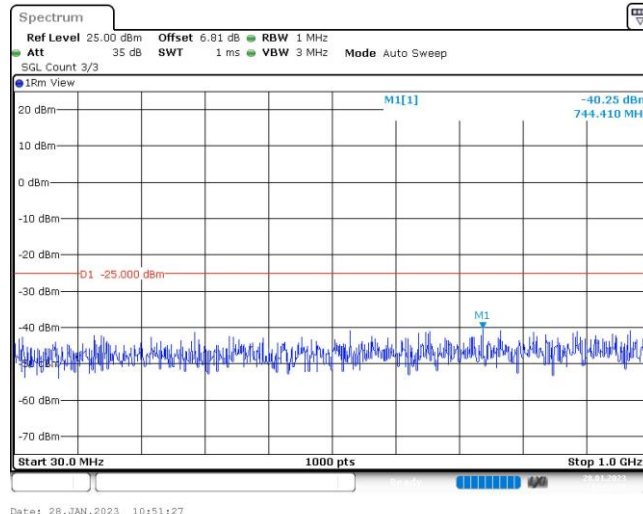
Band41-20MHz-QPSK-40140-1RB#0-Range2:1000~3000MHz



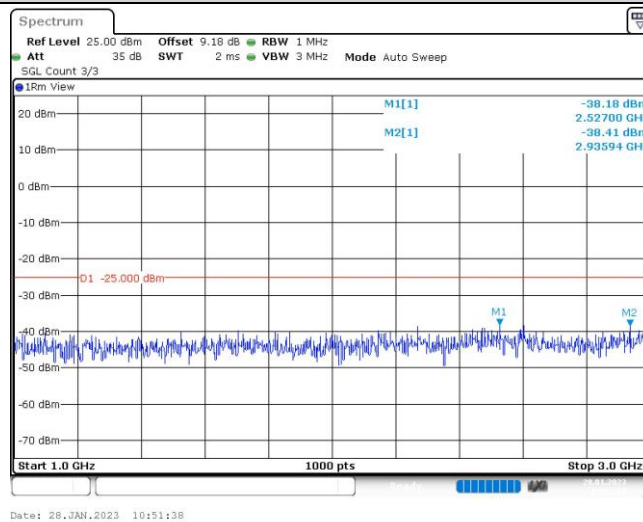
Band41-20MHz-QPSK-40140-1RB#0-Range3:3000~26500MHz



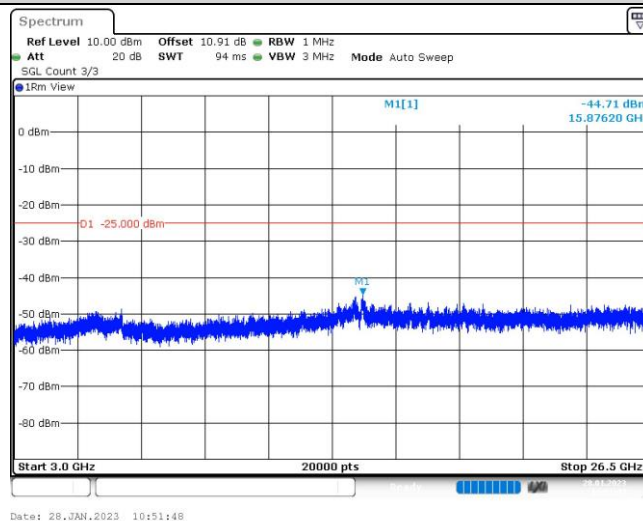
Band41-20MHz-QPSK-40640-1RB#0-Range1:30~1000MHz



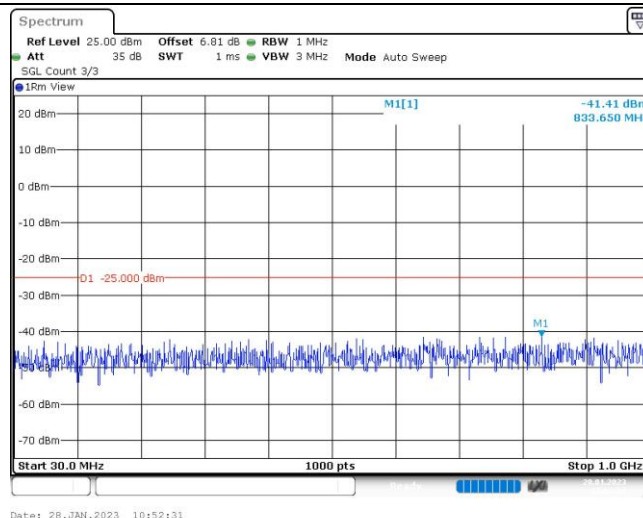
Band41-20MHz-QPSK-40640-1RB#0-Range2:1000~3000MHz



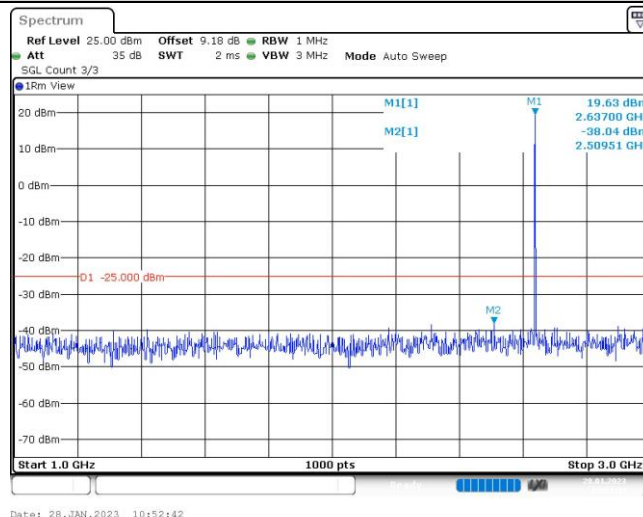
Band41-20MHz-QPSK-40640-1RB#0-Range3:3000~26500MHz



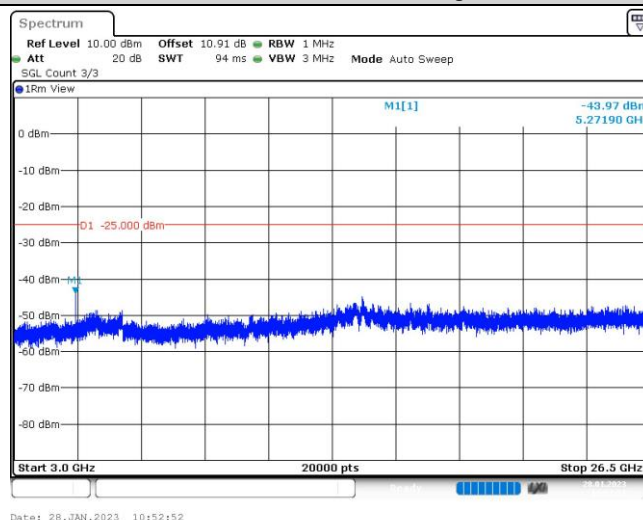
Band41-20MHz-QPSK-41140-1RB#0-Range1:30~1000MHz



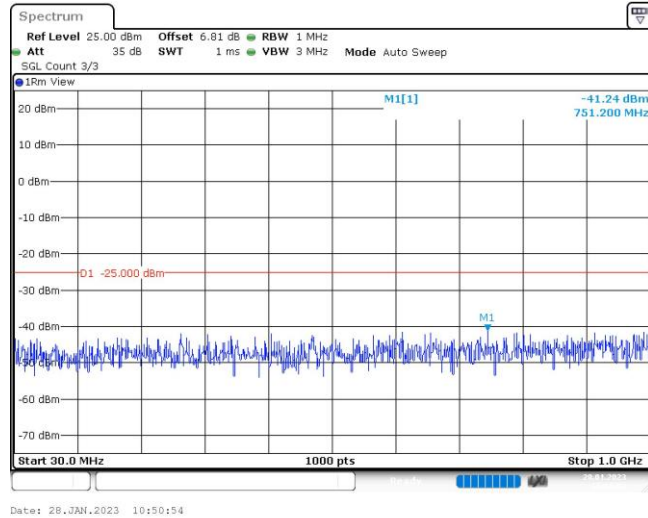
Band41-20MHz-QPSK-41140-1RB#0-Range2:1000~3000MHz



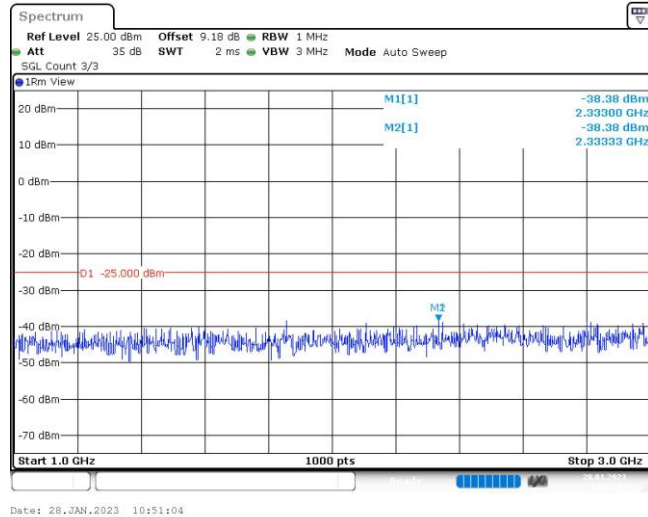
Band41-20MHz-QPSK-41140-1RB#0-Range3:3000~26500MHz



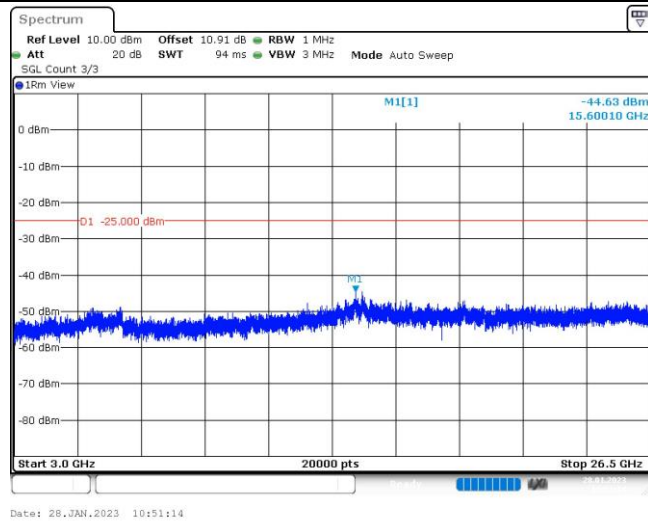
Band41-20MHz-16QAM-40140-1RB#0-Range1:30~1000MHz



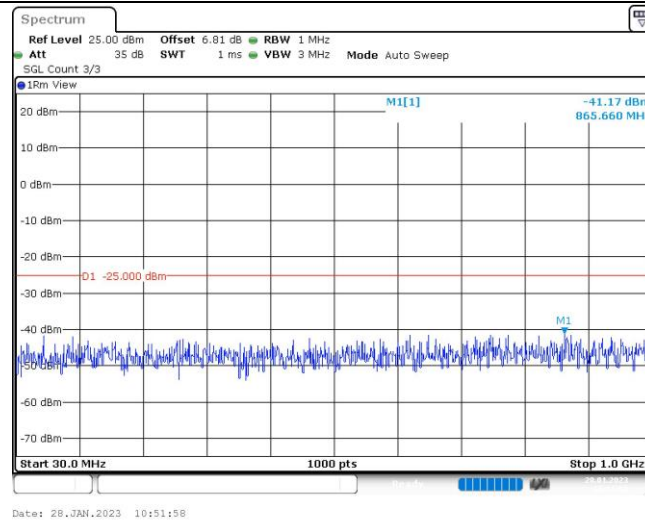
Band41-20MHz-16QAM-40140-1RB#0-Range2:1000~3000MHz



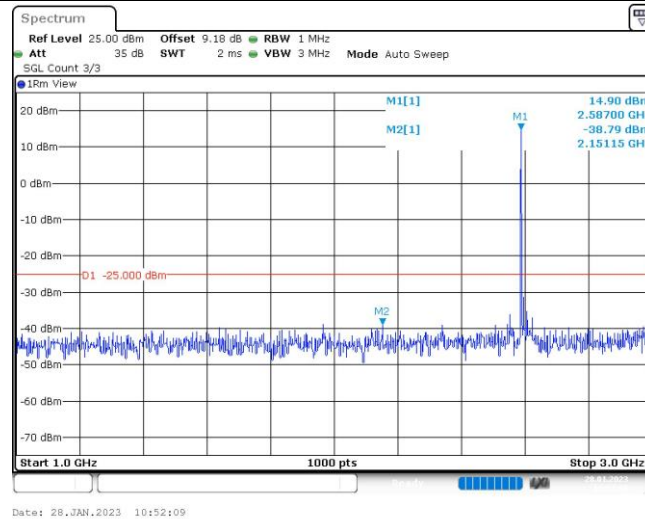
Band41-20MHz-16QAM-40140-1RB#0-Range3:3000~26500MHz



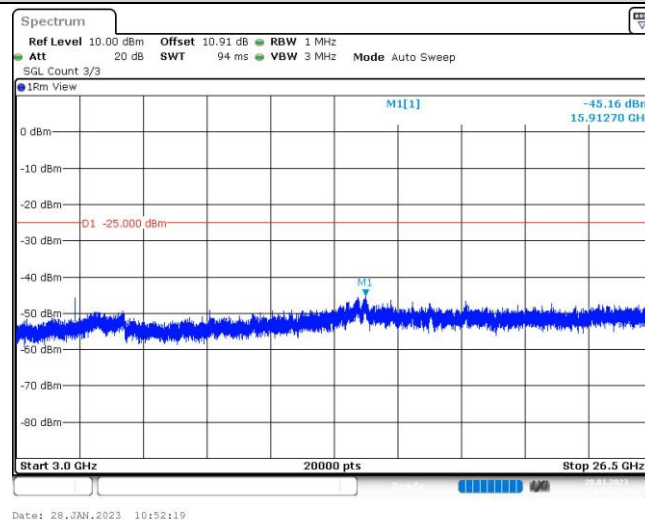
Band41-20MHz-16QAM-40640-1RB#0-Range1:30~1000MHz



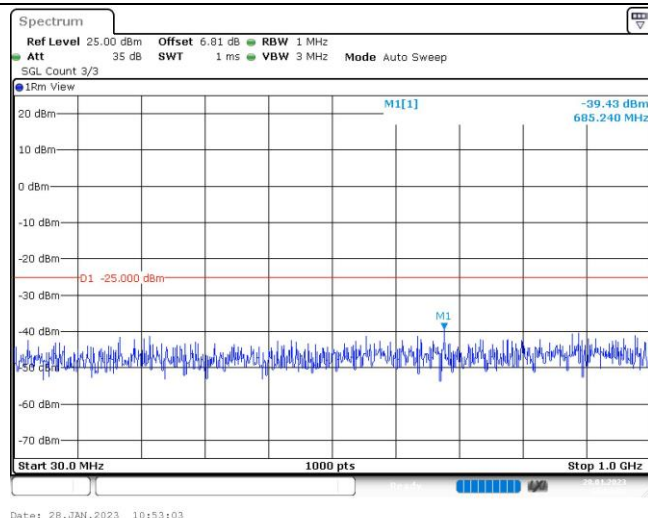
Band41-20MHz-16QAM-40640-1RB#0-Range2:1000~3000MHz



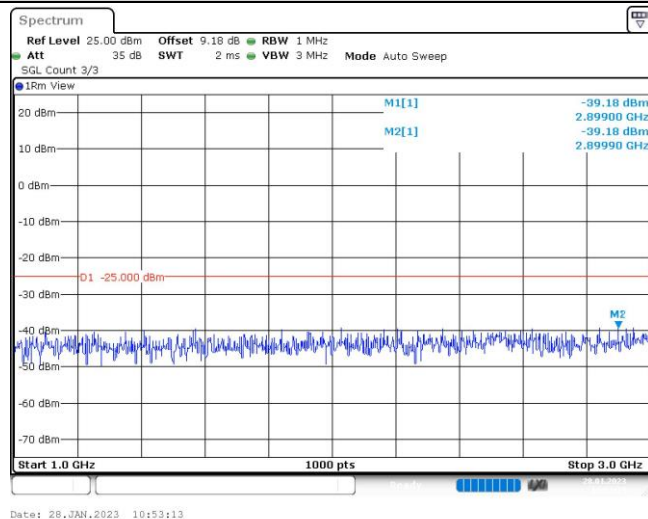
Band41-20MHz-16QAM-40640-1RB#0-Range3:3000~26500MHz



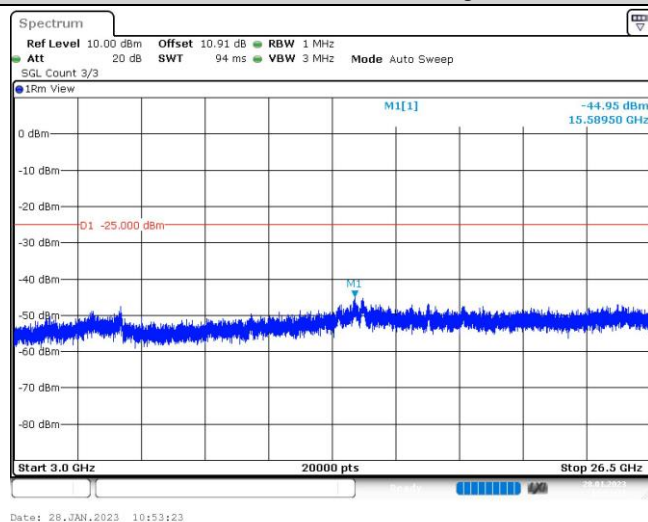
Band41-20MHz-16QAM-41140-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-41140-1RB#0-Range2:1000~3000MHz



Band41-20MHz-16QAM-41140-1RB#0-Range3:3000~26500MHz



APPENDIX L.6: FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	40140	100RB#0	VL	NT	-9.37	-0.003682	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	VN	NT	-15.21	-0.005976	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	VH	NT	-8.75	-0.003438	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VL	NT	-13.15	-0.005067	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VN	NT	-10.57	-0.004073	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VH	NT	-14.91	-0.005746	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VL	NT	-17.34	-0.006556	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VN	NT	7.45	0.002817	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VH	NT	-11.34	-0.004287	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	VL	NT	-12.70	-0.004990	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	VN	NT	-8.83	-0.003470	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	VH	NT	-9.88	-0.003882	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VL	NT	-16.84	-0.006489	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VN	NT	-11.42	-0.004401	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VH	NT	-17.60	-0.006782	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	VL	NT	-7.74	-0.002926	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	VN	NT	-9.21	-0.003482	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	VH	NT	-8.21	-0.003104	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	40140	100RB#0	NV	-30	-17.60	-0.006916	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	-20	-13.33	-0.005238	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	0	-10.60	-0.004165	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	10	-13.26	-0.005210	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	20	-13.65	-0.005363	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	30	-11.96	-0.004699	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	40	-13.70	-0.005383	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	50	-9.96	-0.003914	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	55	-17.45	-0.006857	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-30	-8.31	-0.003202	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-20	-12.32	-0.004748	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	0	-14.61	-0.005630	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	10	-6.91	-0.002663	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	20	-15.25	-0.005877	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	30	-17.15	-0.006609	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	40	-13.36	-0.005148	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	50	-17.51	-0.006748	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	55	-8.98	-0.003461	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	-30	-4.12	-0.001558	±2.5	PASS

Band41	20MHz	QPSK	41140	100RB#0	NV	-20	-9.70	-0.003667	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	0	2.27	0.000858	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	10	-9.31	-0.003520	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	20	-7.95	-0.003006	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	30	-10.39	-0.003928	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	40	-4.36	-0.001648	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	50	-4.92	-0.001860	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	55	-6.37	-0.002408	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	-30	-21.49	-0.008444	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	-20	-10.47	-0.004114	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	0	-14.03	-0.005513	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	10	-6.84	-0.002688	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	20	-13.69	-0.005379	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	30	-10.67	-0.004193	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	40	-13.35	-0.005246	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	50	-11.20	-0.004401	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	55	-10.66	-0.004189	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	-30	-17.42	-0.006713	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	-20	-3.88	-0.001495	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	0	-10.06	-0.003877	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	10	-13.43	-0.005175	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	20	-14.26	-0.005495	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	30	-17.97	-0.006925	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	40	-7.55	-0.002909	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	50	-9.88	-0.003807	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	55	-5.75	-0.002216	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	-30	-6.05	-0.002287	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	-20	-6.64	-0.002510	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	0	5.05	0.001909	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	10	-10.30	-0.003894	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	20	-7.00	-0.002647	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	30	-9.41	-0.003558	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	40	-6.82	-0.002578	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	50	-3.36	-0.001270	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	55	-4.35	-0.001645	±2.5	PASS