

Appendix Test Data for LTE band 41(Conducted Measurement)

Product Name: 4G Poc Radio

Trade Mark: N/A

Test Model: N180

FCC ID: 2BQXTP360N

Environmental Conditions

Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

Appendix A: RF output power

Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
41	5	2498.5	QPSK	25	LOW	21.18	27.97	6.79	13	0.93	22.11	33	Pass
41	5	2498.5	QPSK	12	LOW	21.18	28.52	7.34	13	0.93	22.11	33	Pass
41	5	2498.5	QPSK	12	MID	21.19	28.45	7.26	13	0.93	22.12	33	Pass
41	5	2498.5	QPSK	12	HIGH	21.23	28.38	7.15	13	0.93	22.16	33	Pass
41	5	2498.5	QPSK	1	LOW	22.13	27.39	5.26	13	0.93	23.06	33	Pass
41	5	2498.5	QPSK	1	MID	22.18	27.35	5.17	13	0.93	23.11	33	Pass
41	5	2498.5	QPSK	1	HIGH	22.22	27.42	5.20	13	0.93	23.15	33	Pass
41	5	2498.5	16QAM	25	LOW	20.32	27.38	7.06	13	0.93	21.25	33	Pass
41	5	2498.5	16QAM	12	LOW	20.41	27.56	7.15	13	0.93	21.34	33	Pass
41	5	2498.5	16QAM	12	MID	20.41	27.56	7.15	13	0.93	21.34	33	Pass
41	5	2498.5	16QAM	12	HIGH	20.43	27.56	7.13	13	0.93	21.36	33	Pass
41	5	2498.5	16QAM	1	LOW	21.63	27.57	5.94	13	0.93	22.56	33	Pass
41	5	2498.5	16QAM	1	MID	21.66	27.57	5.91	13	0.93	22.59	33	Pass
41	5	2498.5	16QAM	1	HIGH	21.69	27.61	5.92	13	0.93	22.62	33	Pass
41	5	2593	QPSK	25	LOW	21.47	27.63	6.16	13	0.93	22.4	33	Pass
41	5	2593	QPSK	12	LOW	21.46	27.52	6.06	13	0.93	22.39	33	Pass
41	5	2593	QPSK	12	MID	21.46	27.46	6	13	0.93	22.39	33	Pass
41	5	2593	QPSK	12	HIGH	21.47	27.43	5.96	13	0.93	22.4	33	Pass
41	5	2593	QPSK	1	LOW	22.59	27.73	5.14	13	0.93	23.52	33	Pass
41	5	2593	QPSK	1	MID	22.53	27.61	5.08	13	0.93	23.46	33	Pass
41	5	2593	QPSK	1	HIGH	22.56	27.64	5.08	13	0.93	23.49	33	Pass
41	5	2593	16QAM	25	LOW	20.56	27.79	7.23	13	0.93	21.49	33	Pass





Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
41	5	2593	16QAM	12	LOW	20.53	27.57	7.04	13	0.93	21.46	33	Pass
41	5	2593	16QAM	12	MID	20.53	27.58	7.05	13	0.93	21.46	33	Pass
41	5	2593	16QAM	12	HIGH	20.54	27.66	7.12	13	0.93	21.47	33	Pass
41	5	2593	16QAM	1	LOW	21.65	27.77	6.12	13	0.93	22.58	33	Pass
41	5	2593	16QAM	1	MID	21.65	27.65	6	13	0.93	22.58	33	Pass
41	5	2593	16QAM	1	HIGH	21.62	27.69	6.07	13	0.93	22.55	33	Pass
41	5	2687.5	QPSK	25	LOW	21.71	27.34	5.63	13	0.93	22.64	33	Pass
41	5	2687.5	QPSK	12	LOW	21.7	27.17	5.47	13	0.93	22.63	33	Pass
41	5	2687.5	QPSK	12	MID	21.7	27.15	5.45	13	0.93	22.63	33	Pass
41	5	2687.5	QPSK	12	HIGH	21.74	27.13	5.39	13	0.93	22.67	33	Pass
41	5	2687.5	QPSK	1	LOW	22.67	26.93	4.26	13	0.93	23.6	33	Pass
41	5	2687.5	QPSK	1	MID	22.63	26.88	4.25	13	0.93	23.56	33	Pass
41	5	2687.5	QPSK	1	HIGH	22.67	26.91	4.24	13	0.93	23.6	33	Pass
41	5	2687.5	16QAM	25	LOW	20.92	27.2	6.28	13	0.93	21.85	33	Pass
41	5	2687.5	16QAM	12	LOW	20.9	27.22	6.32	13	0.93	21.83	33	Pass
41	5	2687.5	16QAM	12	MID	20.9	27.23	6.33	13	0.93	21.83	33	Pass
41	5	2687.5	16QAM	12	HIGH	20.93	27.17	6.24	13	0.93	21.86	33	Pass
41	5	2687.5	16QAM	1	LOW	21.95	26.74	4.79	13	0.93	22.88	33	Pass
41	5	2687.5	16QAM	1	MID	21.93	26.68	4.75	13	0.93	22.86	33	Pass
41	5	2687.5	16QAM	1	HIGH	21.95	26.73	4.78	13	0.93	22.88	33	Pass
41	10	2501	QPSK	50	LOW	21.22	28.23	7.01	13	0.93	22.15	33	Pass
41	10	2501	QPSK	25	LOW	21.19	27.81	6.62	13	0.93	22.12	33	Pass
41	10	2501	QPSK	25	MID	21.2	27.68	6.48	13	0.93	22.13	33	Pass
41	10	2501	QPSK	25	HIGH	21.29	27.72	6.43	13	0.93	22.22	33	Pass
41	10	2501	QPSK	1	LOW	22.26	28.64	6.38	13	0.93	23.19	33	Pass
41	10	2501	QPSK	1	MID	22.31	28.6	6.29	13	0.93	23.24	33	Pass
41	10	2501	QPSK	1	HIGH	22.28	28.61	6.33	13	0.93	23.21	33	Pass
41	10	2501	16QAM	25	LOW	20.31	28.35	8.04	13	0.93	21.24	33	Pass
41	10	2501	16QAM	25	MID	20.32	28.42	8.10	13	0.93	21.25	33	Pass
41	10	2501	16QAM	25	HIGH	20.34	28.56	8.22	13	0.93	21.27	33	Pass
41	10	2501	16QAM	1	LOW	21.68	27.87	6.19	13	0.93	22.61	33	Pass
41	10	2501	16QAM	1	MID	21.77	27.79	6.02	13	0.93	22.7	33	Pass
41	10	2501	16QAM	1	HIGH	21.7	27.89	6.19	13	0.93	22.63	33	Pass
41	10	2593	QPSK	50	LOW	21.49	27.96	6.47	13	0.93	22.42	33	Pass
41	10	2593	QPSK	25	LOW	21.49	27.85	6.36	13	0.93	22.42	33	Pass
41	10	2593	QPSK	25	MID	21.49	27.93	6.44	13	0.93	22.42	33	Pass
41	10	2593	QPSK	25	HIGH	21.55	27.9	6.35	13	0.93	22.48	33	Pass
41	10	2593	QPSK	1	LOW	22.8	28.03	5.23	13	0.93	23.73	33	Pass
41	10	2593	QPSK	1	MID	22.76	27.89	5.13	13	0.93	23.69	33	Pass
41	10	2593	QPSK	1	HIGH	22.75	27.86	5.11	13	0.93	23.68	33	Pass
41	10	2593	16QAM	25	LOW	20.64	27.89	7.25	13	0.93	21.57	33	Pass





Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
41	10	2593	16QAM	25	MID	20.59	27.96	7.37	13	0.93	21.52	33	Pass
41	10	2593	16QAM	25	HIGH	20.61	28.06	7.45	13	0.93	21.54	33	Pass
41	10	2593	16QAM	1	LOW	21.7	28.1	6.40	13	0.93	22.63	33	Pass
41	10	2593	16QAM	1	MID	21.72	27.95	6.23	13	0.93	22.65	33	Pass
41	10	2593	16QAM	1	HIGH	21.68	27.92	6.24	13	0.93	22.61	33	Pass
41	10	2685	QPSK	50	LOW	21.8	27.83	6.03	13	0.93	22.73	33	Pass
41	10	2685	QPSK	25	LOW	21.84	27.29	5.45	13	0.93	22.77	33	Pass
41	10	2685	QPSK	25	MID	21.85	27.3	5.45	13	0.93	22.78	33	Pass
41	10	2685	QPSK	25	HIGH	21.83	27.23	5.40	13	0.93	22.76	33	Pass
41	10	2685	QPSK	1	LOW	22.85	27.39	4.54	13	0.93	23.78	33	Pass
41	10	2685	QPSK	1	MID	22.8	27.3	4.5	13	0.93	23.73	33	Pass
41	10	2685	QPSK	1	HIGH	22.72	27.28	4.56	13	0.93	23.65	33	Pass
41	10	2685	16QAM	25	LOW	20.93	27.34	6.41	13	0.93	21.86	33	Pass
41	10	2685	16QAM	25	MID	20.93	27.27	6.34	13	0.93	21.86	33	Pass
41	10	2685	16QAM	25	HIGH	20.93	27.14	6.21	13	0.93	21.86	33	Pass
41	10	2685	16QAM	1	LOW	22.11	27.04	4.93	13	0.93	23.04	33	Pass
41	10	2685	16QAM	1	MID	22.12	26.96	4.84	13	0.93	23.05	33	Pass
41	10	2685	16QAM	1	HIGH	22.03	26.93	4.90	13	0.93	22.96	33	Pass
41	15	2503.5	QPSK	75	LOW	21.4	28.25	6.85	13	0.93	22.33	33	Pass
41	15	2503.5	QPSK	38	LOW	21.42	28.36	6.94	13	0.93	22.35	33	Pass
41	15	2503.5	QPSK	38	MID	21.4	28.27	6.87	13	0.93	22.33	33	Pass
41	15	2503.5	QPSK	38	HIGH	21.39	28.31	6.92	13	0.93	22.32	33	Pass
41	15	2503.5	QPSK	1	LOW	22.33	28.7	6.37	13	0.93	23.26	33	Pass
41	15	2503.5	QPSK	1	MID	22.41	28.69	6.28	13	0.93	23.34	33	Pass
41	15	2503.5	QPSK	1	HIGH	22.48	28.77	6.29	13	0.93	23.41	33	Pass
41	15	2503.5	16QAM	1	LOW	21.79	27.98	6.19	13	0.93	22.72	33	Pass
41	15	2503.5	16QAM	1	MID	21.87	28.01	6.14	13	0.93	22.8	33	Pass
41	15	2503.5	16QAM	1	HIGH	21.89	28.04	6.15	13	0.93	22.82	33	Pass
41	15	2593	QPSK	75	LOW	21.69	28.17	6.48	13	0.93	22.62	33	Pass
41	15	2593	QPSK	38	LOW	21.69	28.15	6.46	13	0.93	22.62	33	Pass
41	15	2593	QPSK	38	MID	21.69	28.13	6.44	13	0.93	22.62	33	Pass
41	15	2593	QPSK	38	HIGH	21.69	28.12	6.43	13	0.93	22.62	33	Pass
41	15	2593	QPSK	1	LOW	22.83	28.11	5.28	13	0.93	23.76	33	Pass
41	15	2593	QPSK	1	MID	22.76	27.9	5.14	13	0.93	23.69	33	Pass
41	15	2593	QPSK	1	HIGH	22.71	27.84	5.13	13	0.93	23.64	33	Pass
41	15	2593	16QAM	1	LOW	21.83	28.19	6.36	13	0.93	22.76	33	Pass
41	15	2593	16QAM	1	MID	21.85	28	6.15	13	0.93	22.78	33	Pass
41	15	2593	16QAM	1	HIGH	21.79	27.94	6.15	13	0.93	22.72	33	Pass
41	15	2682.5	QPSK	75	LOW	21.98	28.1	6.12	13	0.93	22.91	33	Pass
41	15	2682.5	QPSK	38	LOW	22	27.99	5.99	13	0.93	22.93	33	Pass
41	15	2682.5	QPSK	38	MID	22	28	6	13	0.93	22.93	33	Pass





Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
41	15	2682.5	QPSK	38	HIGH	22.01	28.13	6.12	13	0.93	22.94	33	Pass
41	15	2682.5	QPSK	1	LOW	23.04	27.42	4.38	13	0.93	23.97	33	Pass
41	15	2682.5	QPSK	1	MID	22.92	27.25	4.33	13	0.93	23.85	33	Pass
41	15	2682.5	QPSK	1	HIGH	22.87	27.26	4.39	13	0.93	23.8	33	Pass
41	15	2682.5	16QAM	1	LOW	22.41	27.31	4.90	13	0.93	23.34	33	Pass
41	15	2682.5	16QAM	1	MID	22.31	27.14	4.83	13	0.93	23.24	33	Pass
41	15	2682.5	16QAM	1	HIGH	22.3	27.16	4.86	13	0.93	23.23	33	Pass
41	20	2506	QPSK	100	LOW	21.45	28.2	6.75	13	0.93	22.38	33	Pass
41	20	2506	QPSK	50	LOW	21.42	28.21	6.79	13	0.93	22.35	33	Pass
41	20	2506	QPSK	50	MID	21.41	28.13	6.72	13	0.93	22.34	33	Pass
41	20	2506	QPSK	50	HIGH	21.48	28.12	6.64	13	0.93	22.41	33	Pass
41	20	2506	QPSK	1	LOW	22.27	27.61	5.34	13	0.93	23.2	33	Pass
41	20	2506	QPSK	1	MID	22.43	27.58	5.15	13	0.93	23.36	33	Pass
41	20	2506	QPSK	1	HIGH	22.45	27.74	5.29	13	0.93	23.38	33	Pass
41	20	2506	16QAM	1	LOW	21.57	27.25	5.68	13	0.93	22.5	33	Pass
41	20	2506	16QAM	1	MID	21.83	27.43	5.60	13	0.93	22.76	33	Pass
41	20	2506	16QAM	1	HIGH	21.73	27.32	5.59	13	0.93	22.66	33	Pass
41	20	2593	QPSK	100	LOW	21.66	28.04	6.38	13	0.93	22.59	33	Pass
41	20	2593	QPSK	50	LOW	21.66	28.29	6.63	13	0.93	22.59	33	Pass
41	20	2593	QPSK	50	MID	21.66	28.3	6.64	13	0.93	22.59	33	Pass
41	20	2593	QPSK	50	HIGH	21.66	28.06	6.40	13	0.93	22.59	33	Pass
41	20	2593	QPSK	1	LOW	22.67	27.96	5.29	13	0.93	23.6	33	Pass
41	20	2593	QPSK	1	MID	22.8	27.84	5.04	13	0.93	23.73	33	Pass
41	20	2593	QPSK	1	HIGH	22.62	27.68	5.06	13	0.93	23.55	33	Pass
41	20	2593	16QAM	1	LOW	21.71	27.54	5.83	13	0.93	22.64	33	Pass
41	20	2593	16QAM	1	MID	21.86	27.45	5.59	13	0.93	22.79	33	Pass
41	20	2593	16QAM	1	HIGH	21.62	27.3	5.68	13	0.93	22.55	33	Pass
41	20	2680	QPSK	100	LOW	21.97	27.95	5.98	13	0.93	22.9	33	Pass
41	20	2680	QPSK	50	LOW	22.05	27.58	5.53	13	0.93	22.98	33	Pass
41	20	2680	QPSK	50	MID	22.05	27.66	5.61	13	0.93	22.98	33	Pass
41	20	2680	QPSK	50	HIGH	21.96	27.54	5.58	13	0.93	22.89	33	Pass
41	20	2680	QPSK	1	LOW	22.98	27.43	4.45	13	0.93	23.91	33	Pass
41	20	2680	QPSK	1	MID	22.97	27.29	4.32	13	0.93	23.9	33	Pass
41	20	2680	QPSK	1	HIGH	22.81	27.22	4.41	13	0.93	23.74	33	Pass
41	20	2680	16QAM	1	LOW	22.37	27.19	4.82	13	0.93	23.3	33	Pass
41	20	2680	16QAM	1	MID	22.46	27.12	4.66	13	0.93	23.39	33	Pass
41	20	2680	16QAM	1	HIGH	22.27	27.01	4.74	13	0.93	23.2	33	Pass



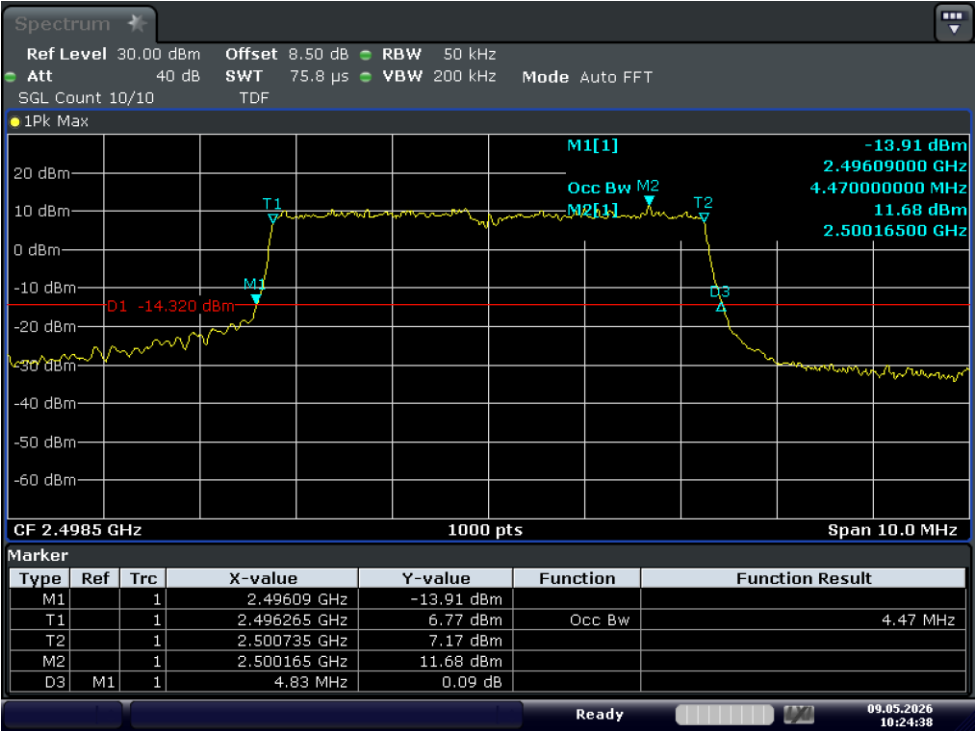
Appendix B: Occupied bandwidth

Test Result

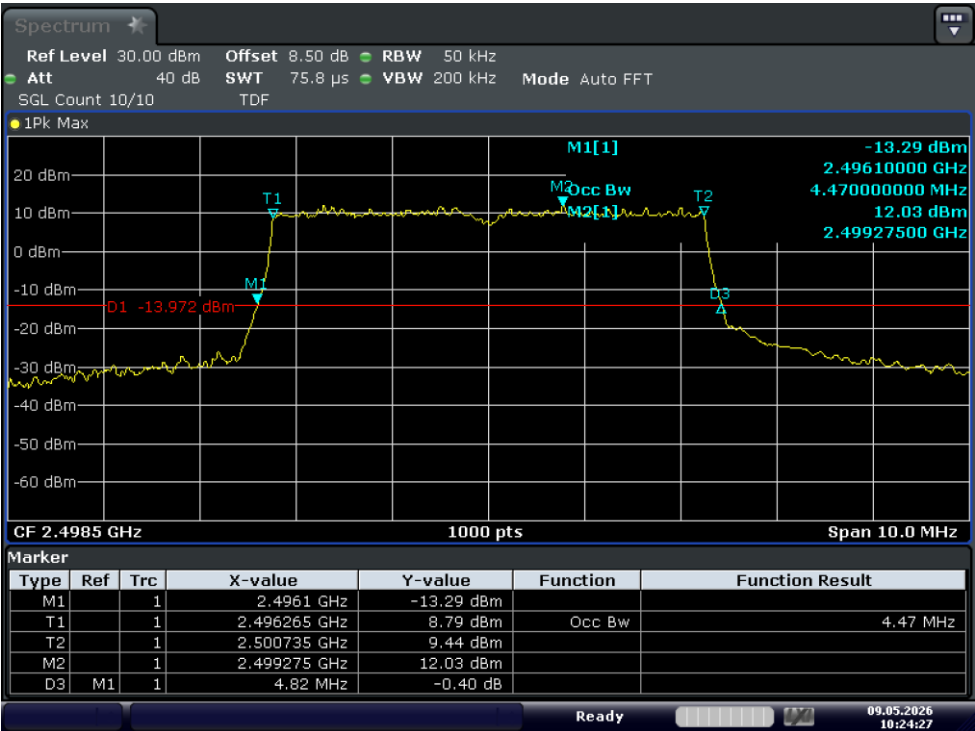
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth (MHz)	Emission Bandwidth (MHz)	Limit
41	5	2498.5	QPSK	25	LOW	4.47	4.82	No limit
41	5	2498.5	16QAM	25	LOW	4.47	4.83	No limit
41	5	2593	QPSK	25	LOW	4.48	4.88	No limit
41	5	2593	16QAM	25	LOW	4.47	4.79	No limit
41	5	2687.5	QPSK	25	LOW	4.49	4.85	No limit
41	5	2687.5	16QAM	25	LOW	4.46	4.82	No limit
41	10	2501	QPSK	50	LOW	8.96	9.54	No limit
41	10	2593	QPSK	50	LOW	8.94	9.62	No limit
41	10	2685	QPSK	50	LOW	8.94	9.7	No limit
41	15	2503.5	QPSK	75	LOW	13.44	14.25	No limit
41	15	2593	QPSK	75	LOW	13.38	14.16	No limit
41	15	2682.5	QPSK	75	LOW	13.38	14.34	No limit
41	20	2506	QPSK	100	LOW	17.84	18.52	No limit
41	20	2593	QPSK	100	LOW	17.84	18.6	No limit
41	20	2680	QPSK	100	LOW	17.88	18.76	No limit



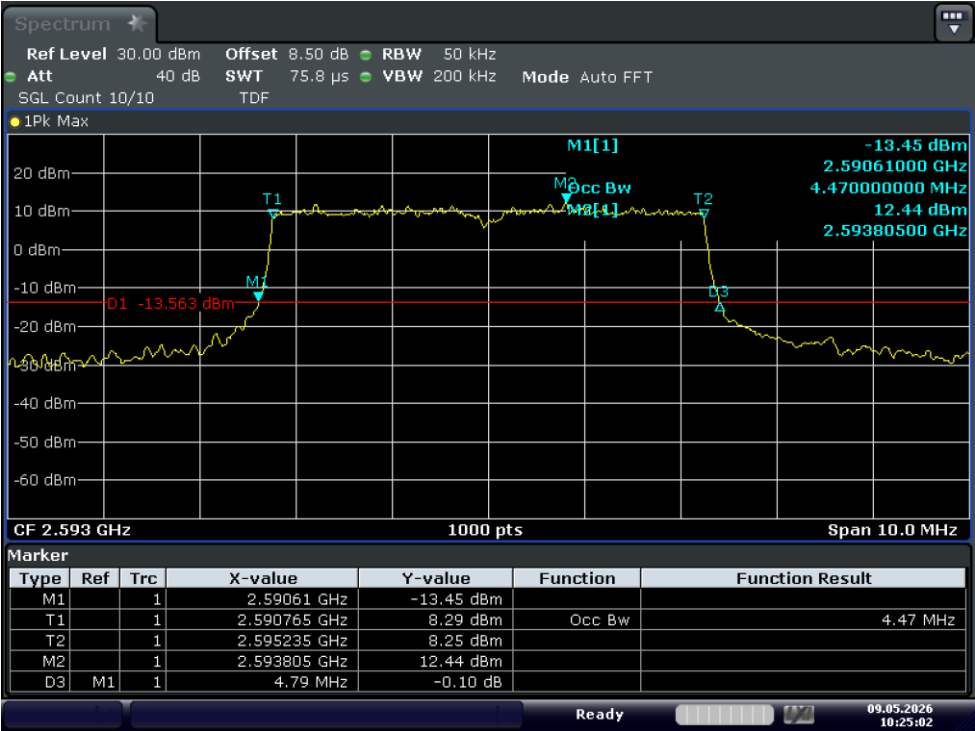
Test Graphs



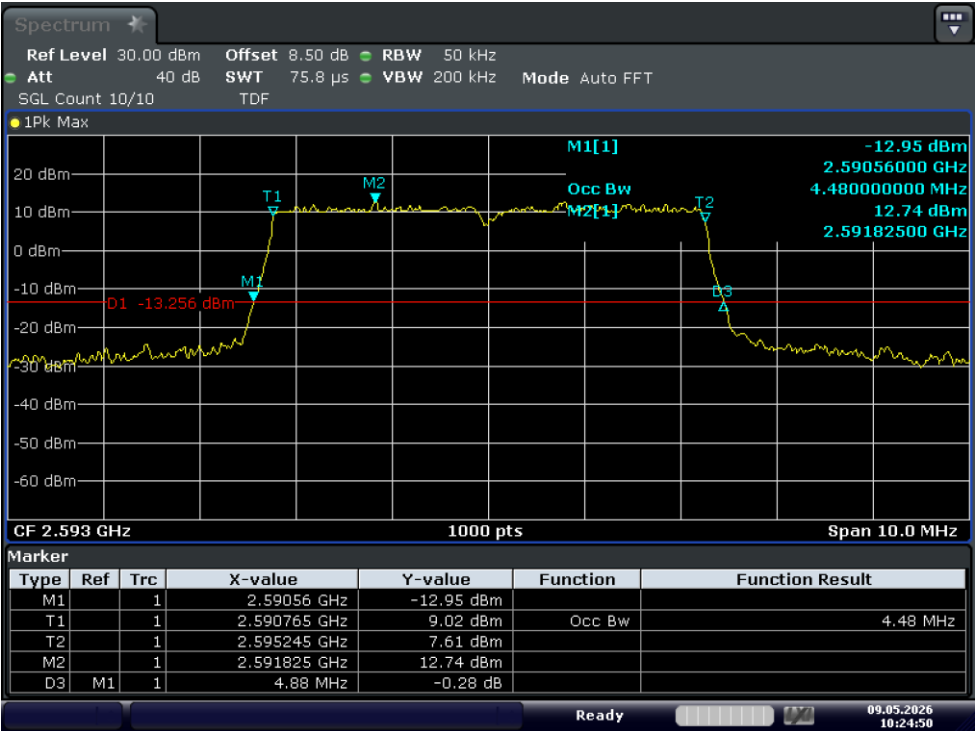
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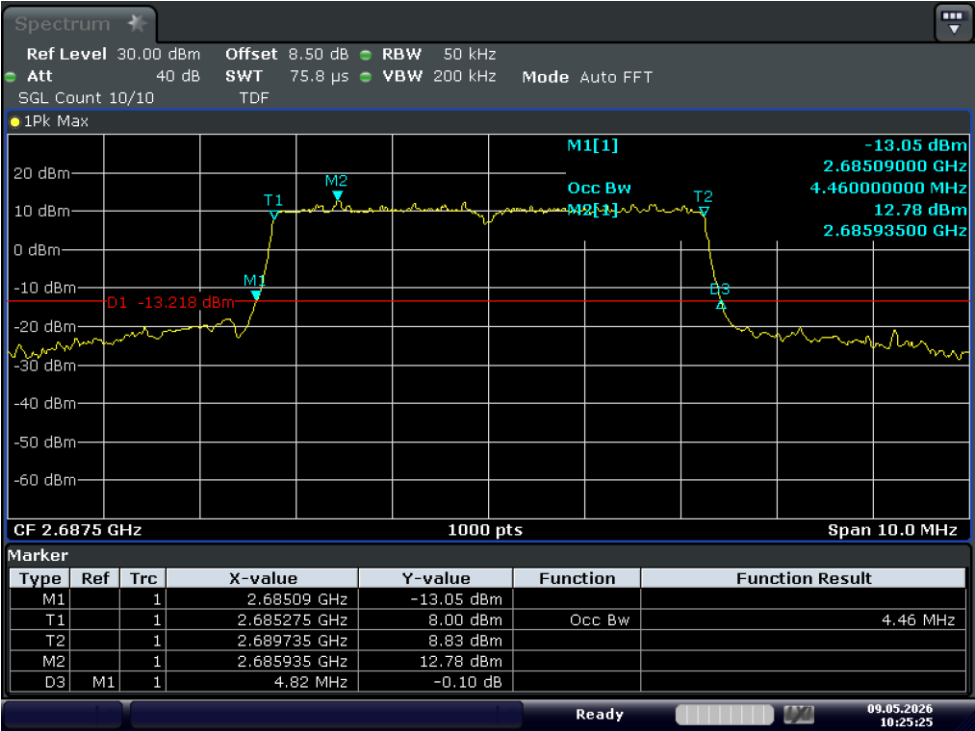
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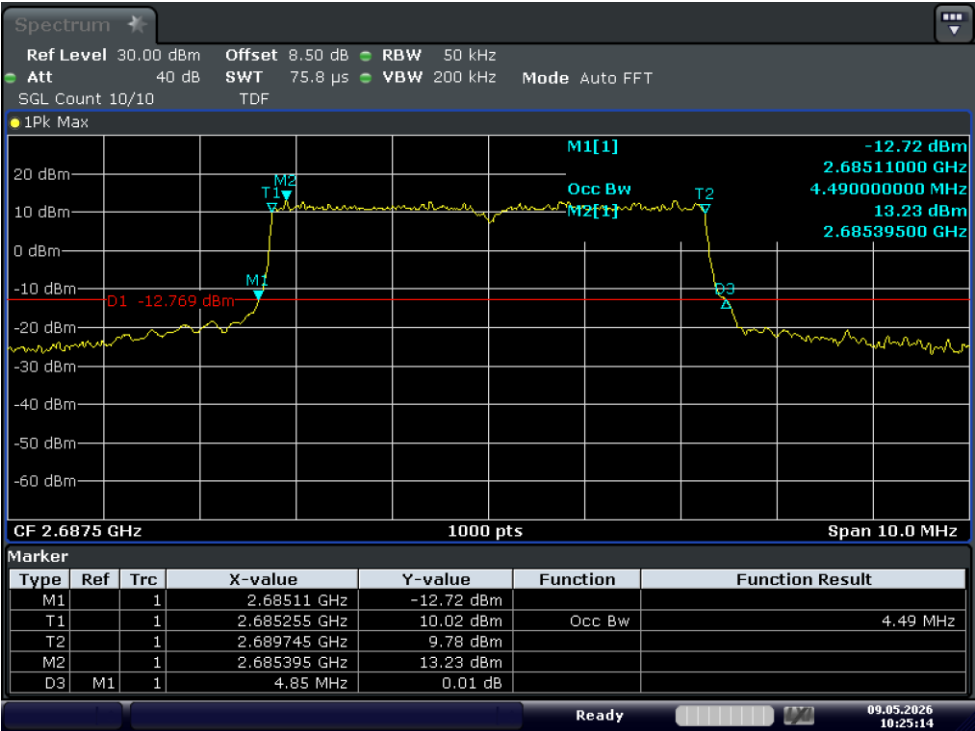
Test_Graph_band41_2593MHz_5M_16QAM_25RB#LOW_OBW&EBW



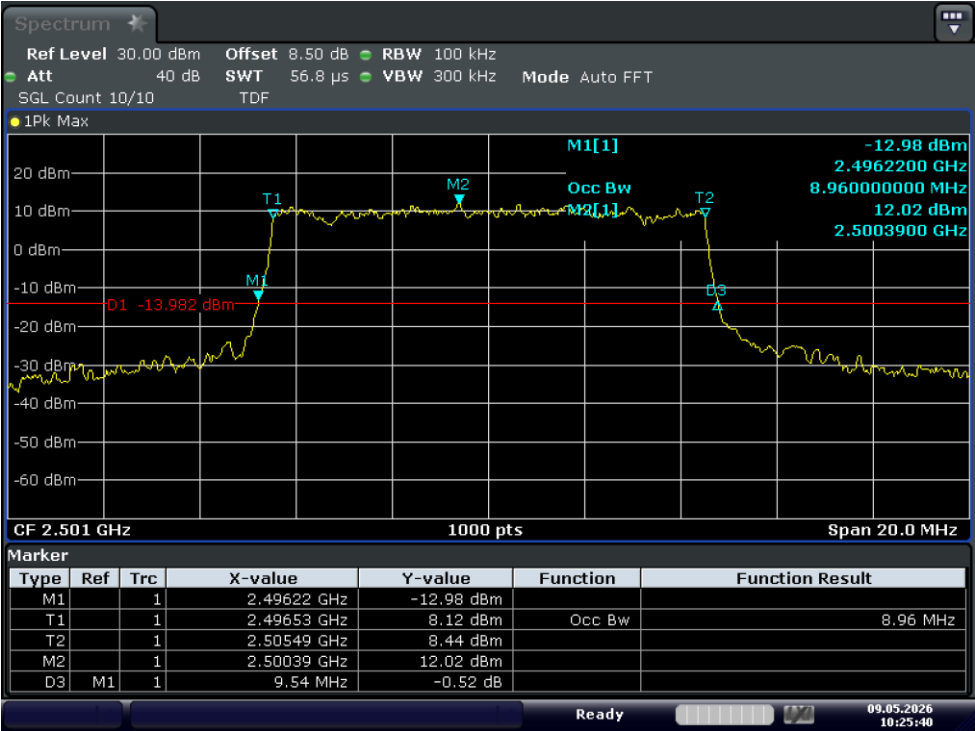
Test_Graph_band41_2593MHz_5M_QPSK_25RB#LOW_OBW&EBW



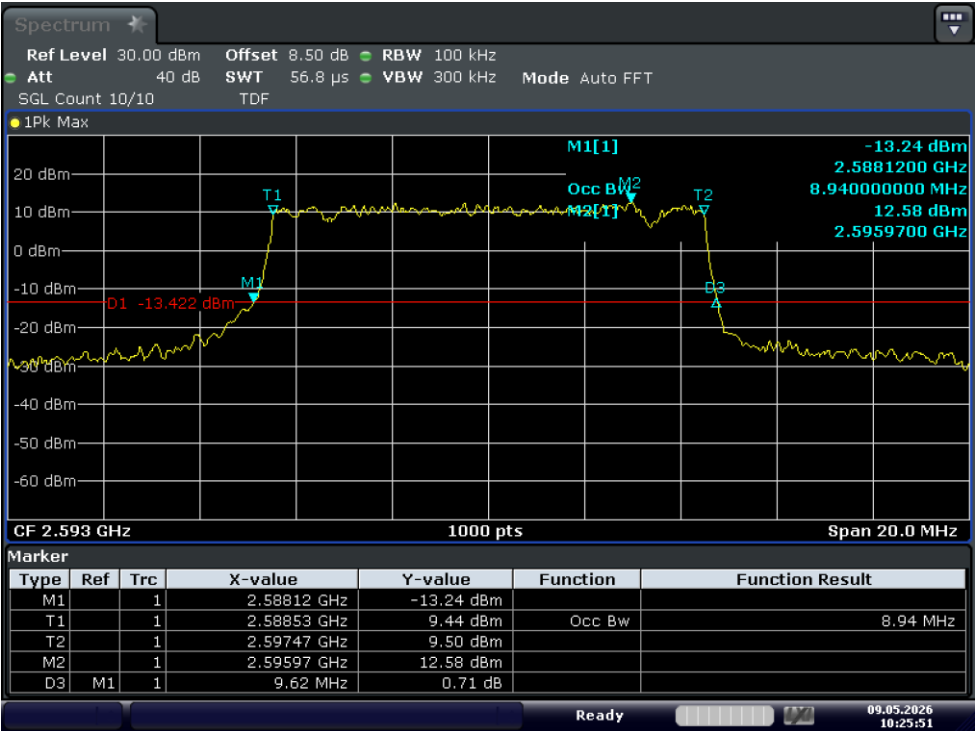
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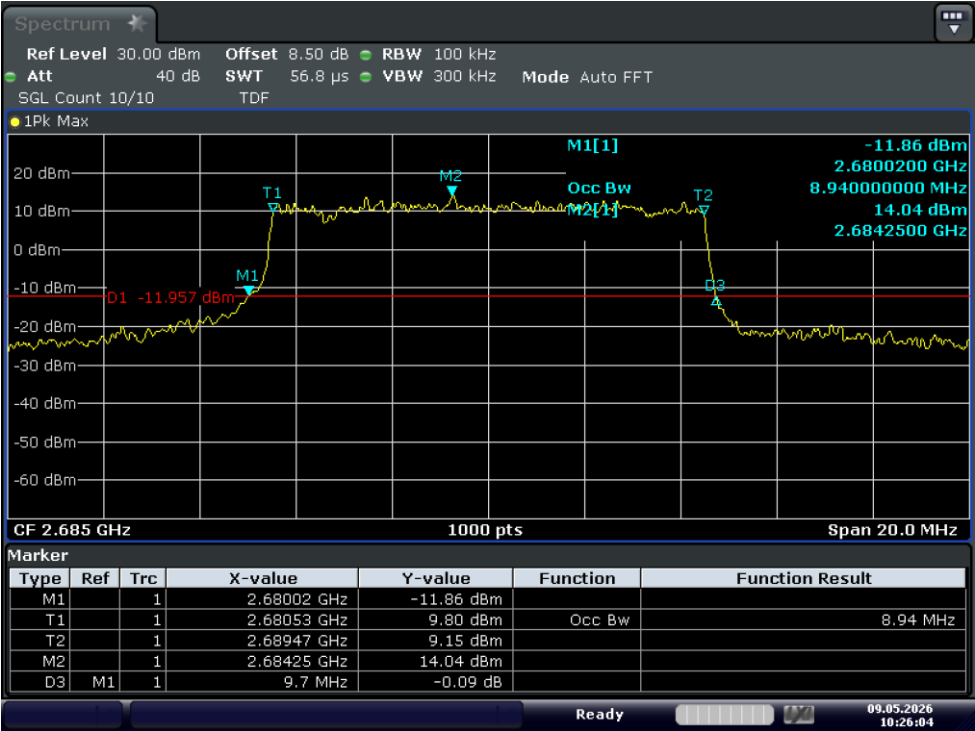


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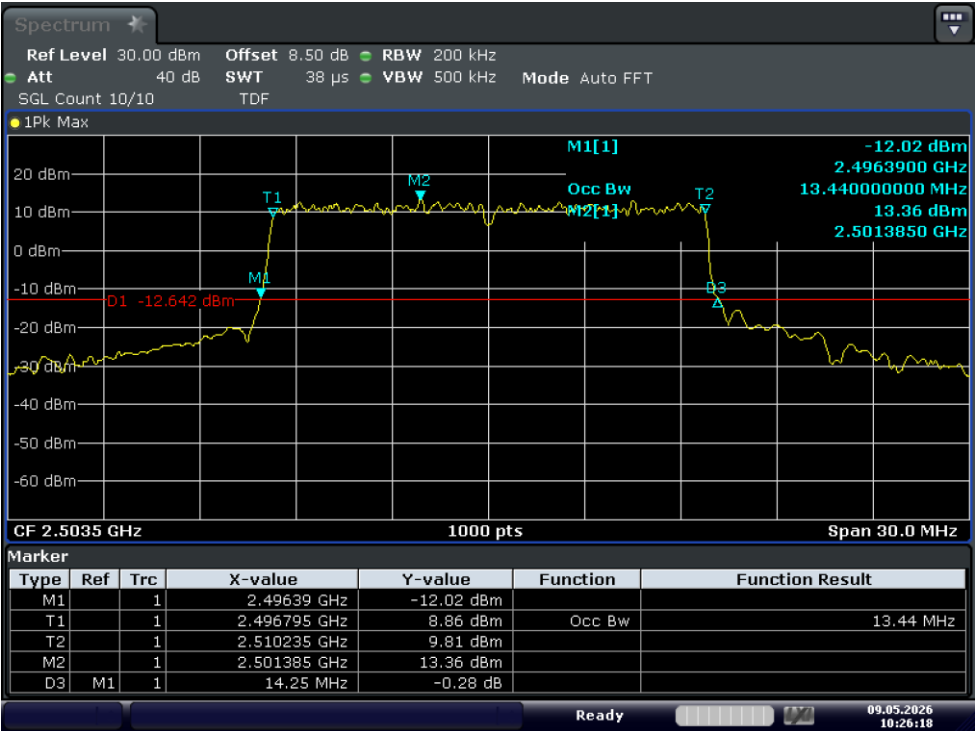


Test_Graph_band41_2593MHz_10M_QPSK_50RB#LOW_OBW&EBW

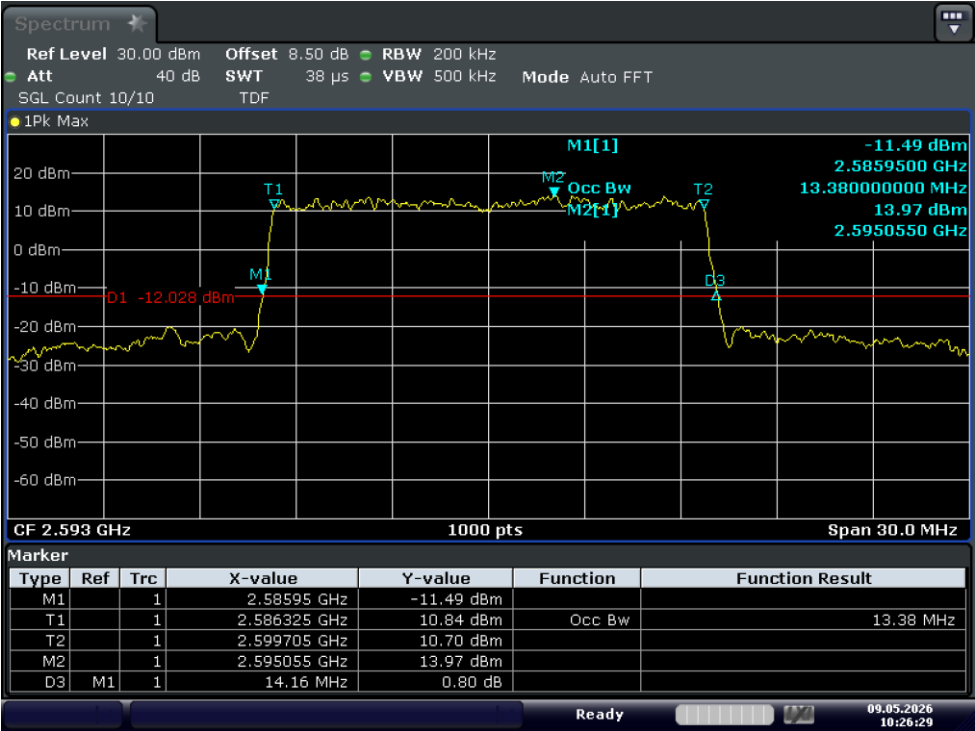




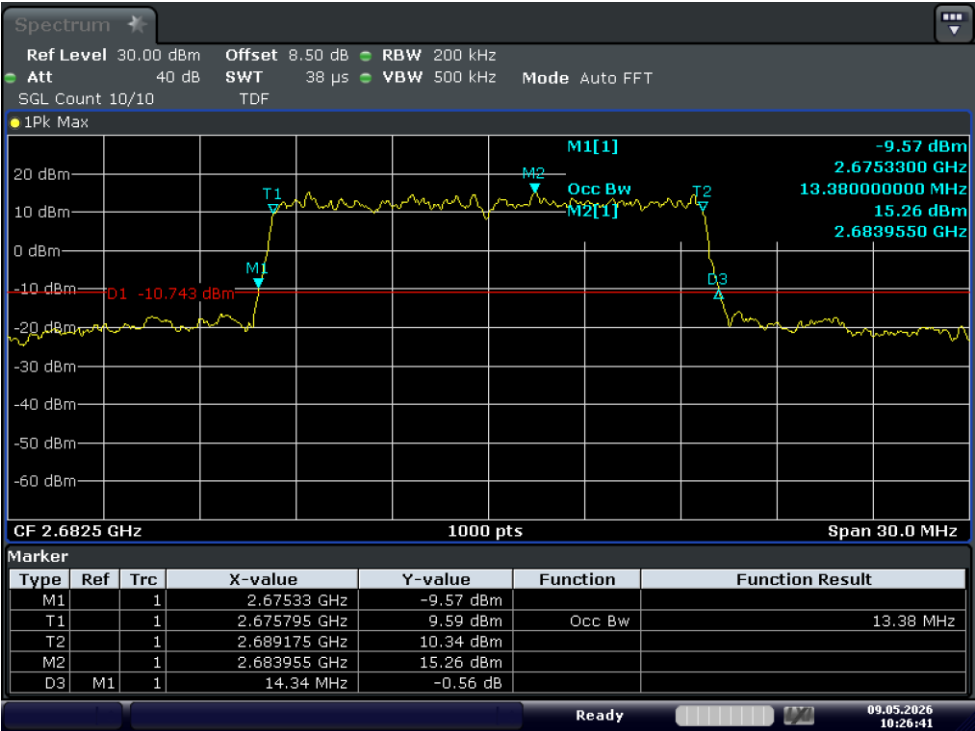
Test_Graph_band41_2685MHz_10M_QPSK_50RB#LOW_OBW&EBW



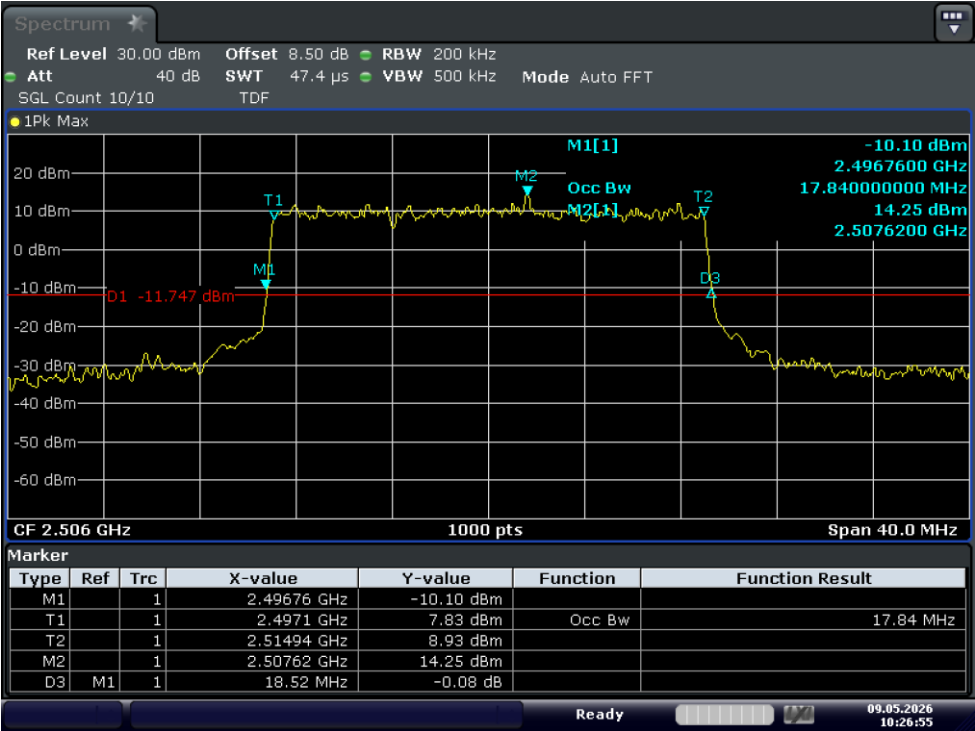
Test_Graph_band41_2503.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



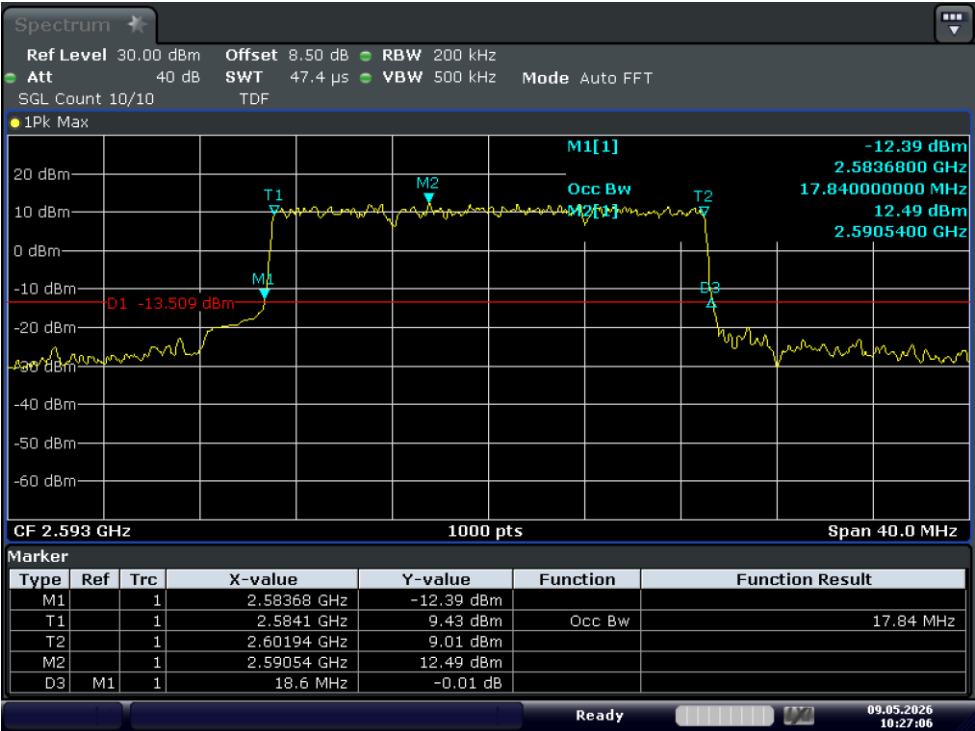
Test_Graph_band41_2593MHz_15M_QPSK_75RB#LOW_OBW&EBW



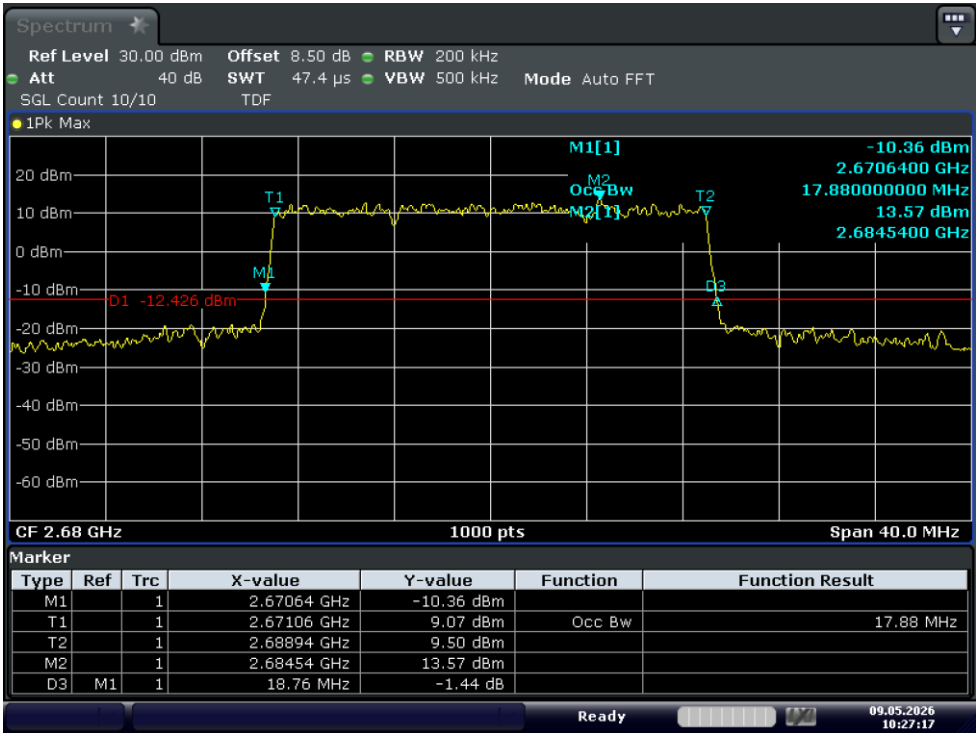
Test_Graph_band41_2682.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



Test_Graph_band41_2506MHz_20M_QPSK_100RB#LOW_OBW&EBW



Test_Graph_band41_2593MHz_20M_QPSK_100RB#LOW_OBW&EBW



Test_Graph_band41_2680MHz_20M_QPSK_100RB#LOW_OBW&EBW



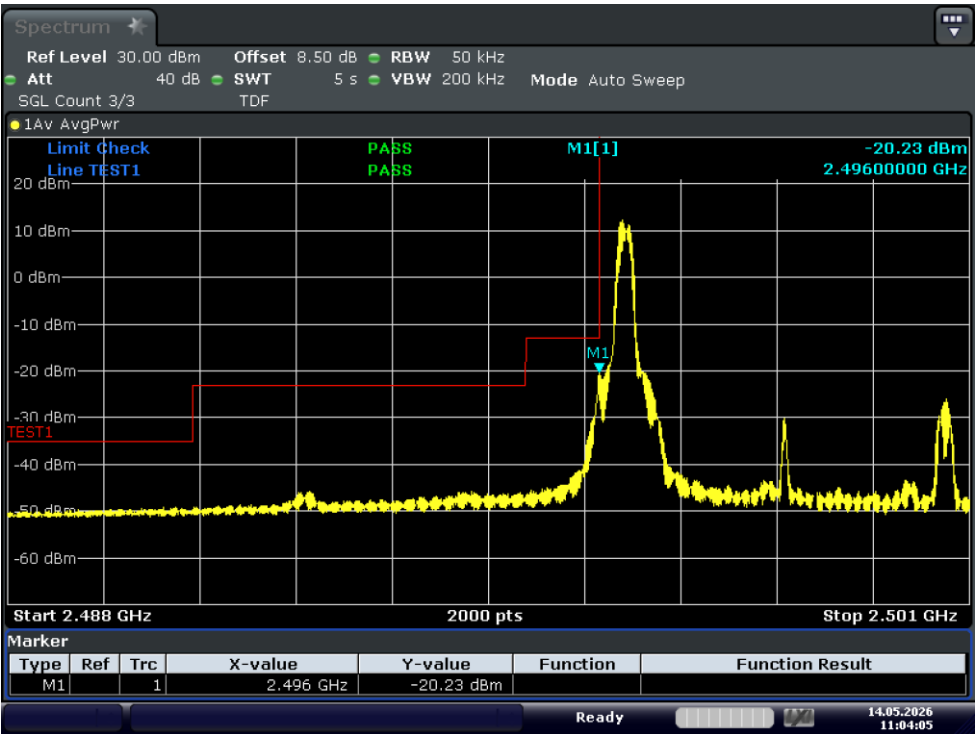
Appendix C: Band edge emissions

Test Result

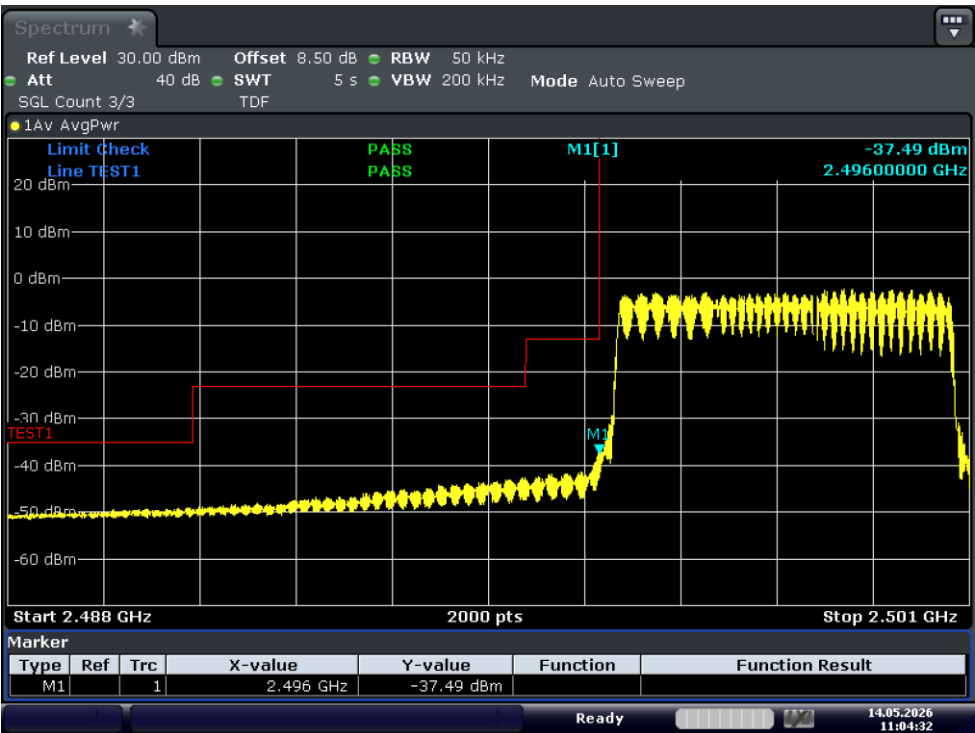
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
41	5	2498.5	QPSK	1	LOW	Pass
41	5	2498.5	QPSK	25	LOW	Pass
41	5	2498.5	16QAM	1	LOW	Pass
41	5	2498.5	16QAM	25	LOW	Pass
41	5	2687.5	QPSK	1	HIGH	Pass
41	5	2687.5	QPSK	25	LOW	Pass
41	5	2687.5	16QAM	1	HIGH	Pass
41	5	2687.5	16QAM	25	LOW	Pass
41	10	2501	QPSK	1	LOW	Pass
41	10	2501	QPSK	50	LOW	Pass
41	10	2501	16QAM	1	LOW	Pass
41	10	2685	QPSK	1	HIGH	Pass
41	10	2685	QPSK	50	LOW	Pass
41	10	2685	16QAM	1	HIGH	Pass
41	15	2503.5	QPSK	1	LOW	Pass
41	15	2503.5	QPSK	75	LOW	Pass
41	15	2503.5	16QAM	1	LOW	Pass
41	15	2682.5	QPSK	1	HIGH	Pass
41	15	2682.5	QPSK	75	LOW	Pass
41	15	2682.5	16QAM	1	HIGH	Pass
41	20	2506	QPSK	1	LOW	Pass
41	20	2506	QPSK	100	LOW	Pass
41	20	2506	16QAM	1	LOW	Pass
41	20	2680	QPSK	1	HIGH	Pass
41	20	2680	QPSK	100	LOW	Pass
41	20	2680	16QAM	1	HIGH	Pass



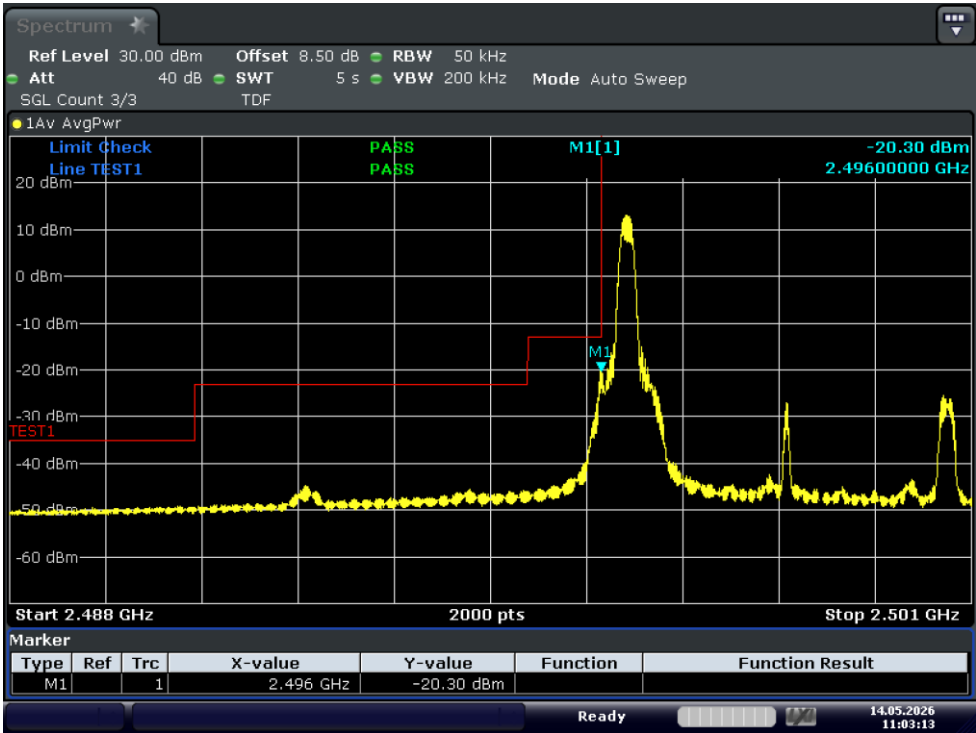
Test Graphs



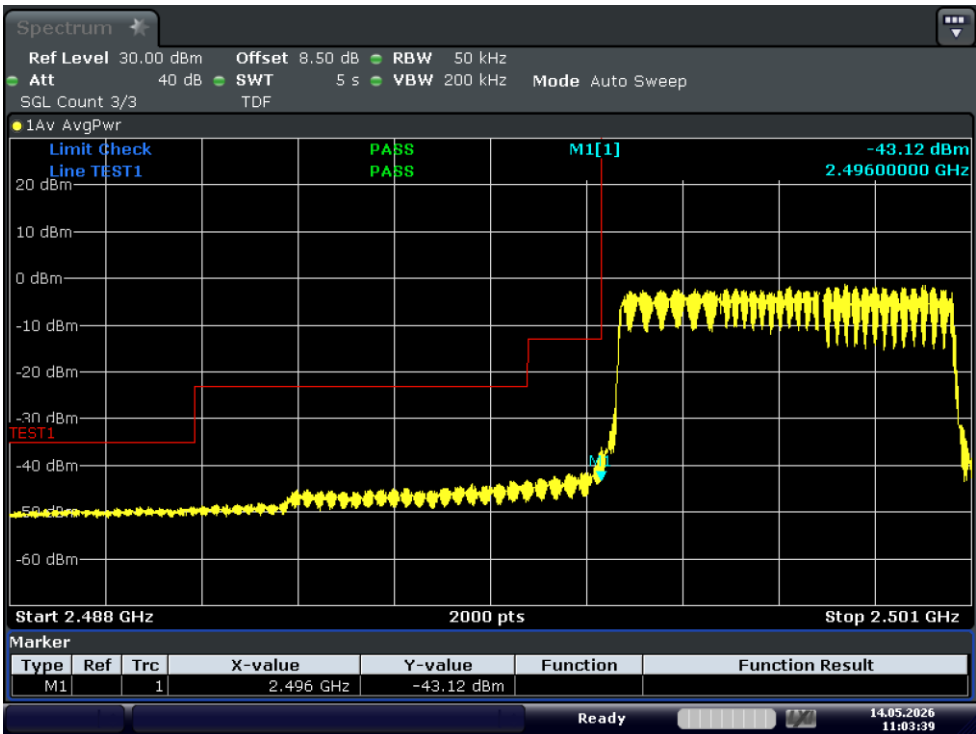
Test_Graph_band41_2498.5MHz_5M_16QAM_1RB#LOW_Band edge



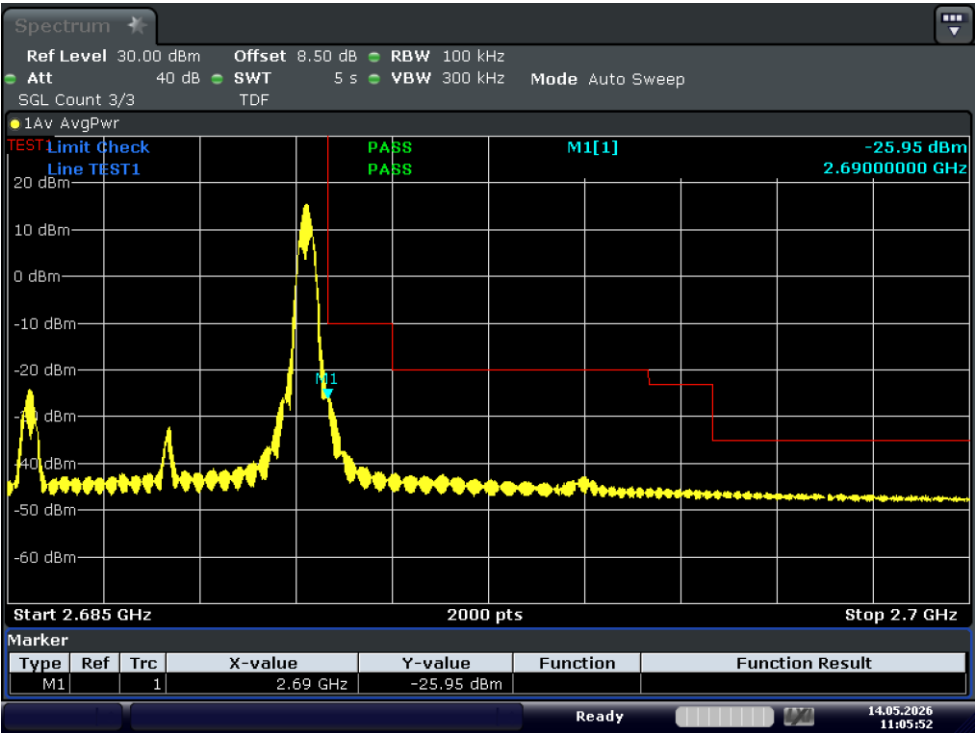
Test_Graph_band41_2498.5MHz_5M_16QAM_25RB#LOW_Band edge



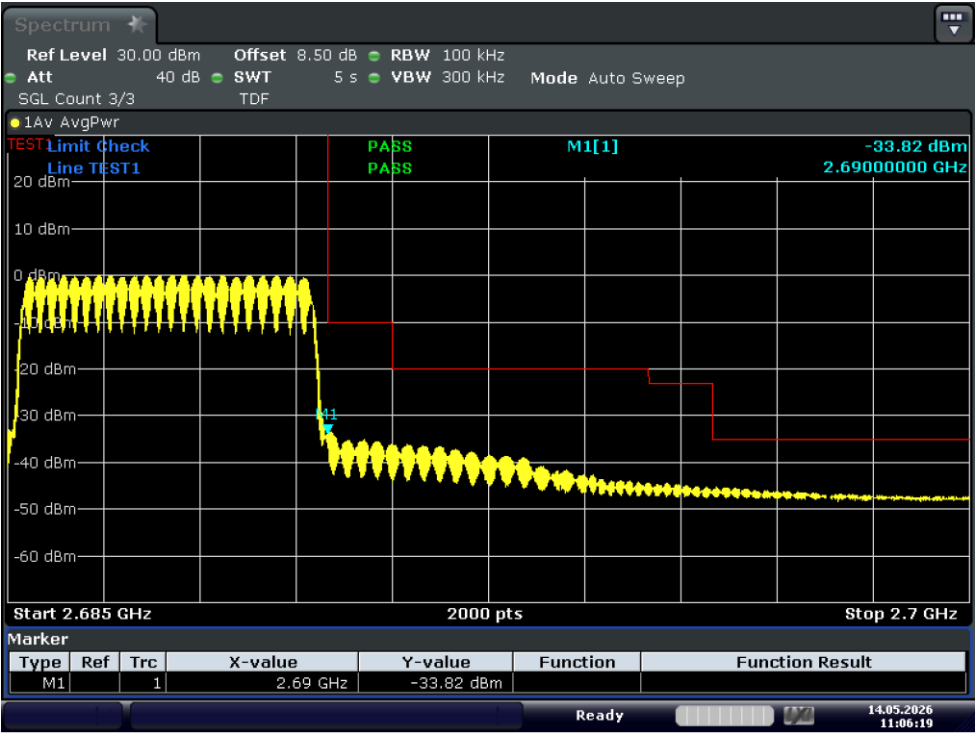
Test_Graph_band41_2498.5MHz_5M_QPSK_1RB#LOW_Band edge



Test_Graph_band41_2498.5MHz_5M_QPSK_25RB#LOW_Band edge

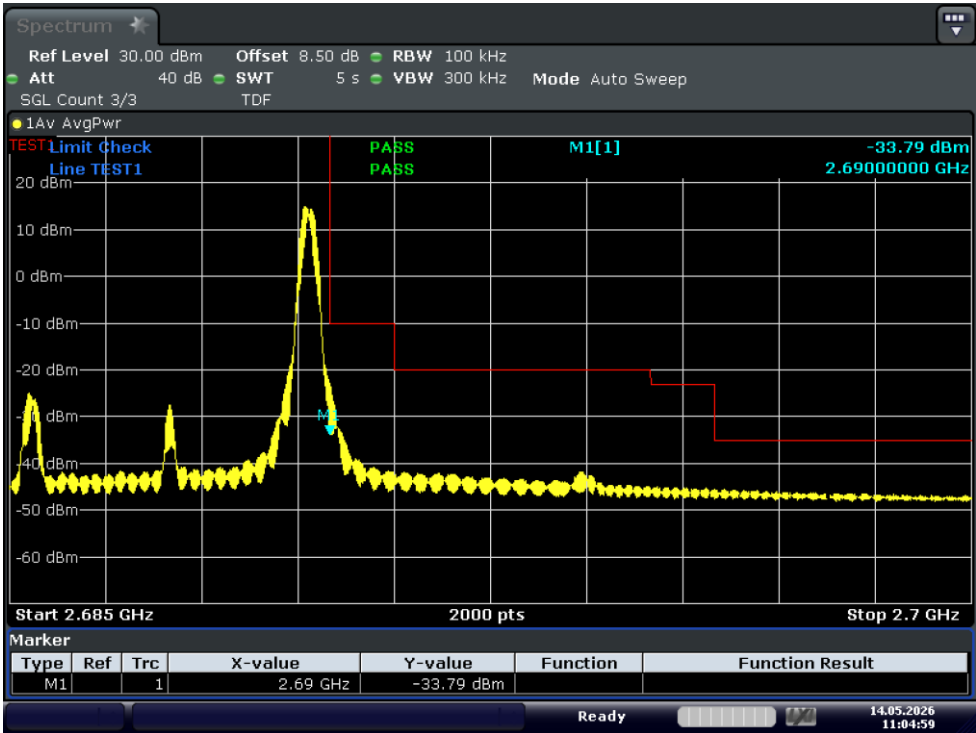


Test_Graph_band41_2687.5MHz_5M_16QAM_1RB#HIGH_Band edge



Test_Graph_band41_2687.5MHz_5M_16QAM_25RB#LOW_Band edge





Test_Graph_band41_2687.5MHz_5M_QPSK_1RB#HIGH_Band edge

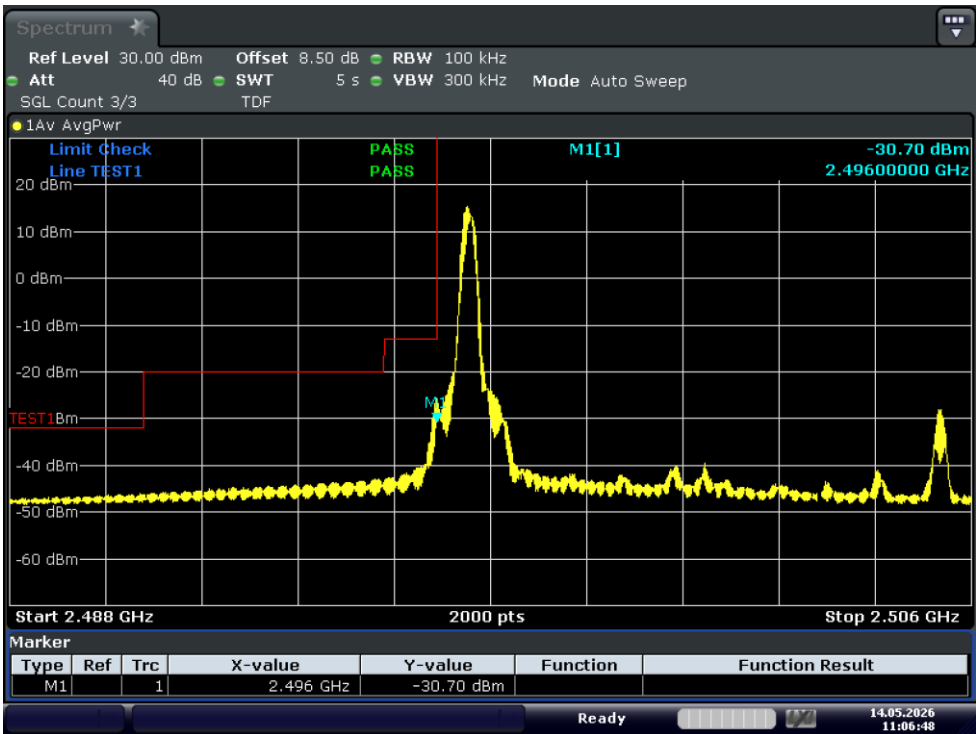


Test_Graph_band41_2687.5MHz_5M_QPSK_25RB#LOW_Band edge



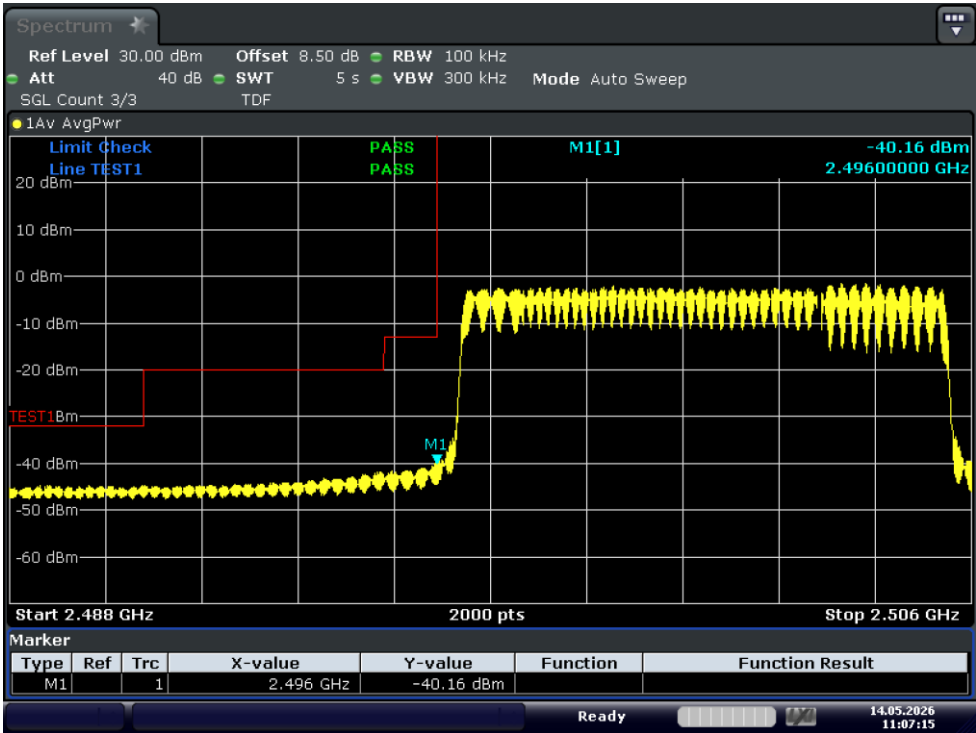


Test_Graph_band41_2501MHz_10M_16QAM_1RB#LOW_Band edge

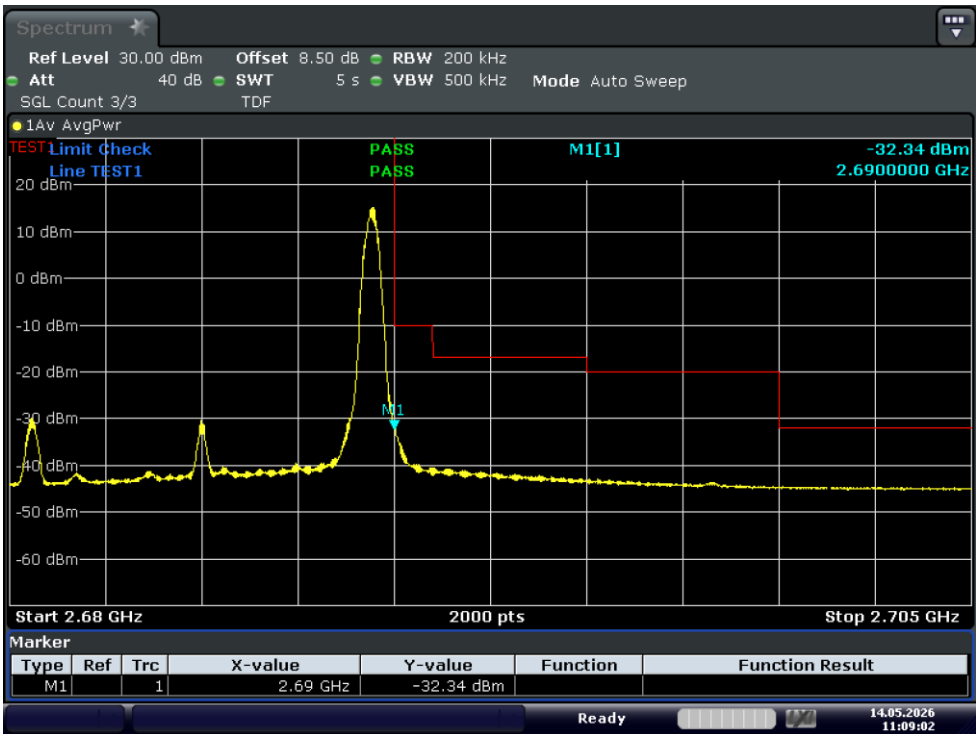


Test_Graph_band41_2501MHz_10M_QPSK_1RB#LOW_Band edge



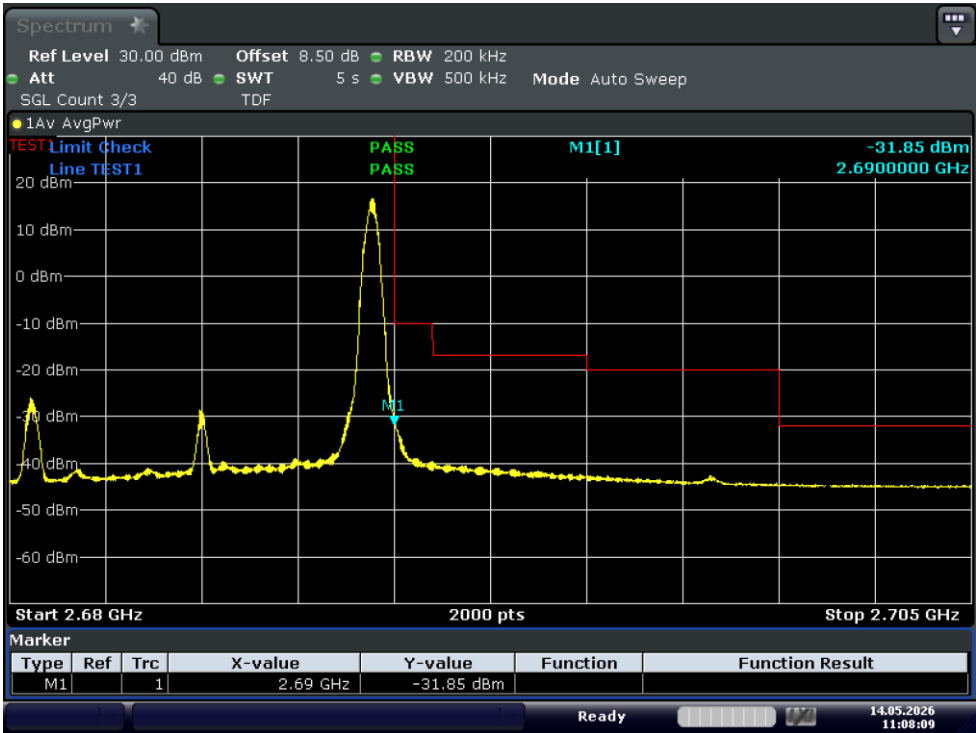


Test_Graph_band41_2501MHz_10M_QPSK_50RB#LOW_Band edge

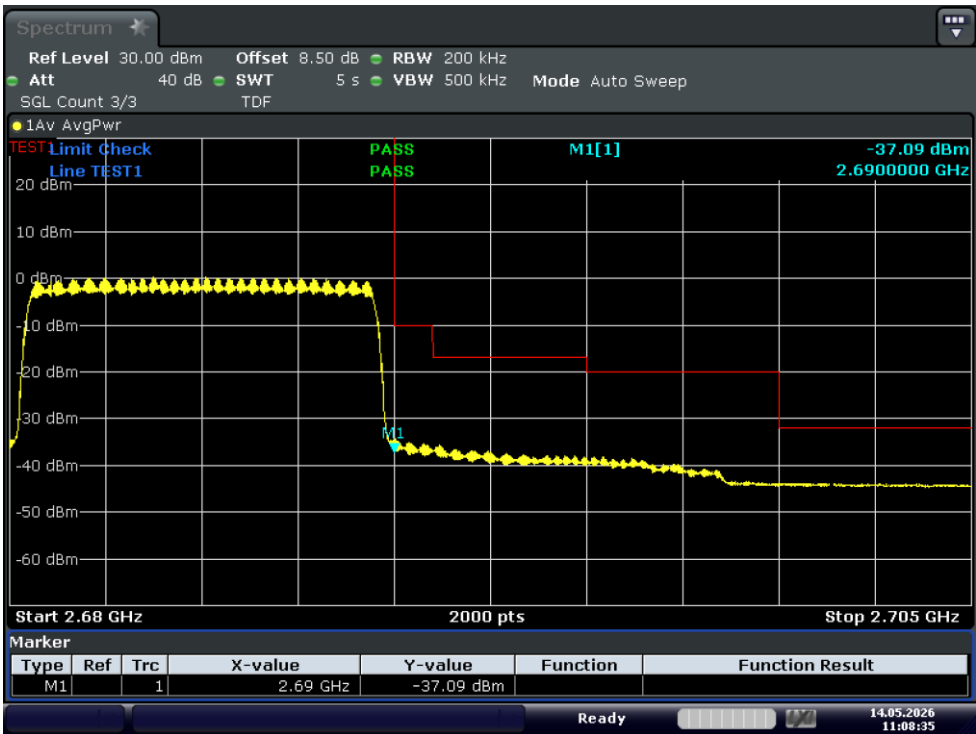


Test_Graph_band41_2685MHz_10M_16QAM_1RB#HIGH_Band edge



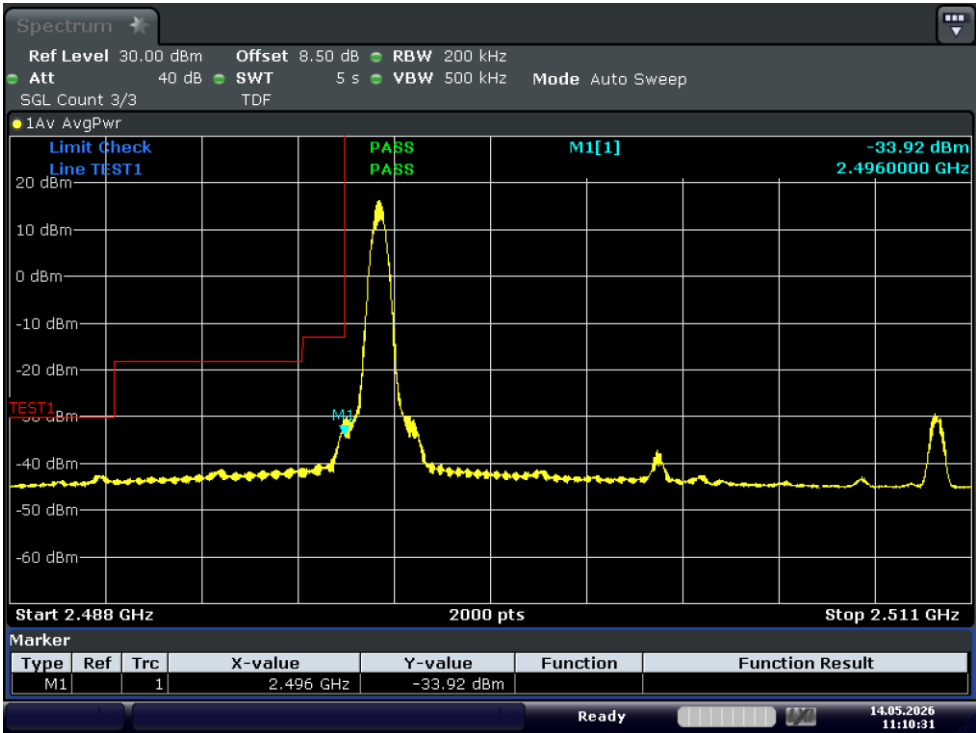


Test_Graph_band41_2685MHz_10M_QPSK_1RB#HIGH_Band edge

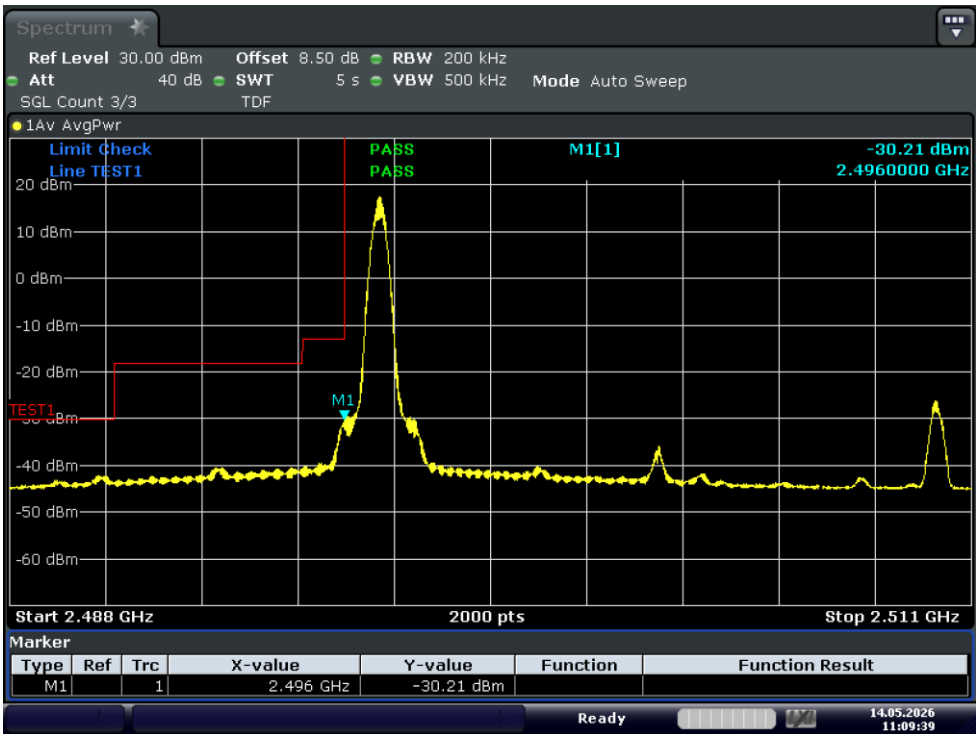


Test_Graph_band41_2685MHz_10M_QPSK_50RB#LOW_Band edge

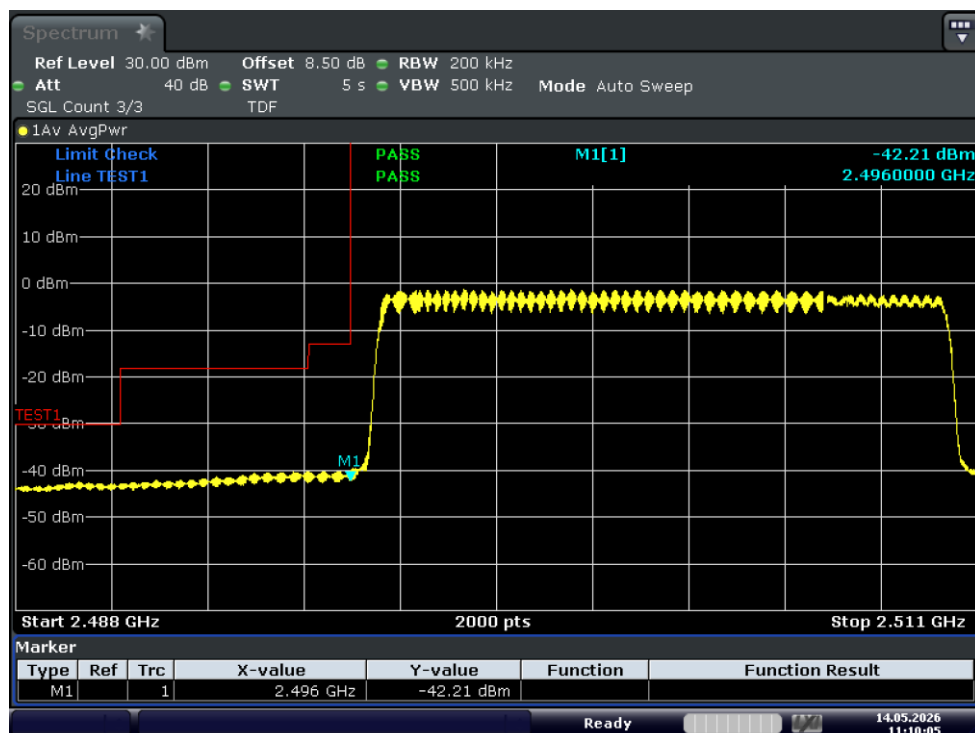




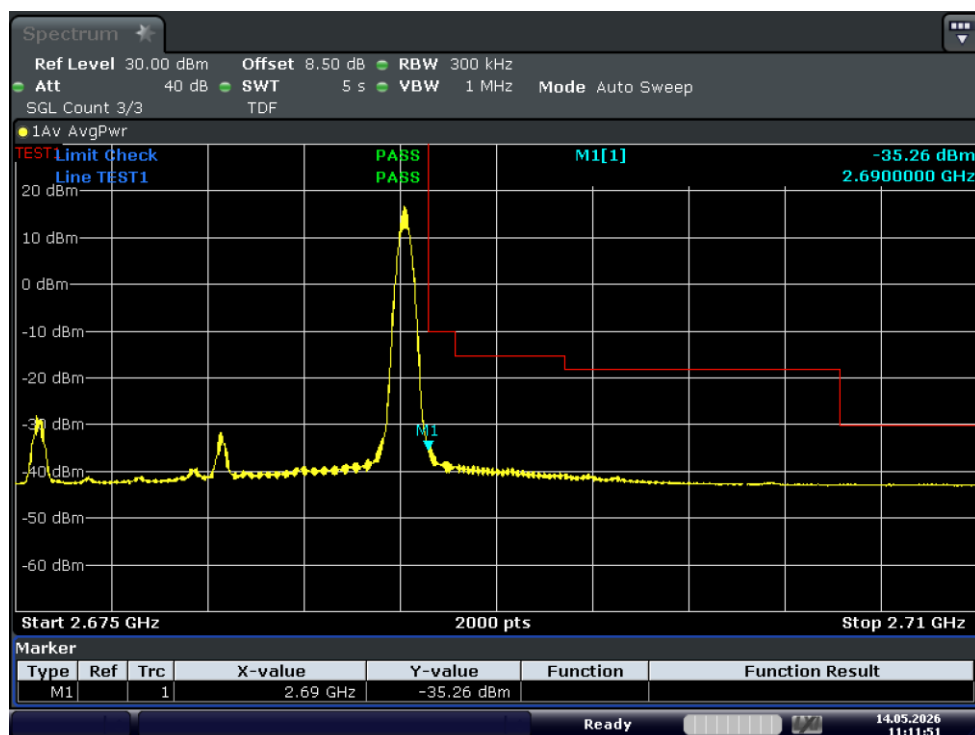
Test_Graph_band41_2503.5MHz_15M_16QAM_1RB#LOW_Band edge



Test_Graph_band41_2503.5MHz_15M_QPSK_1RB#LOW_Band edge

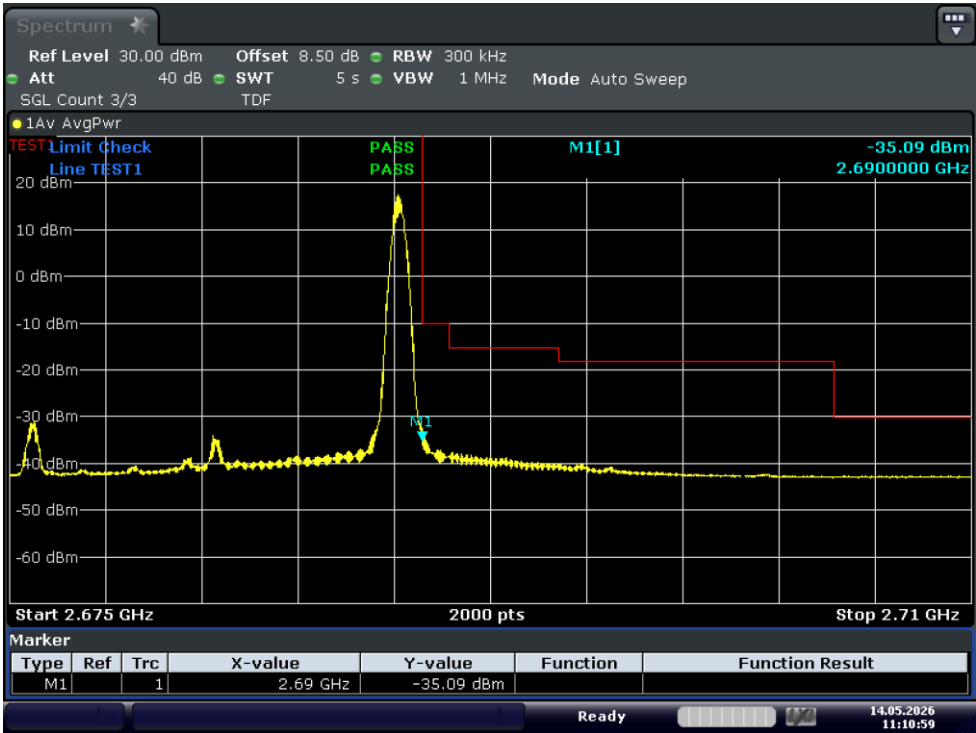


Test_Graph_band41_2503.5MHz_15M_QPSK_75RB#LOW_Band edge

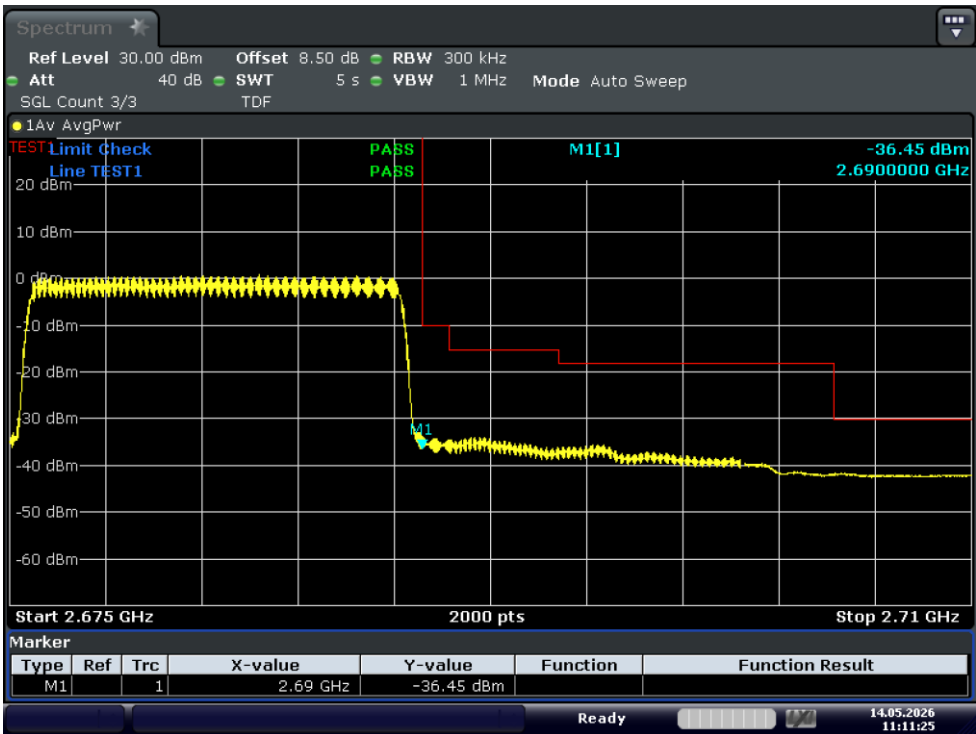


Test_Graph_band41_2682.5MHz_15M_16QAM_1RB#HIGH_Band edge



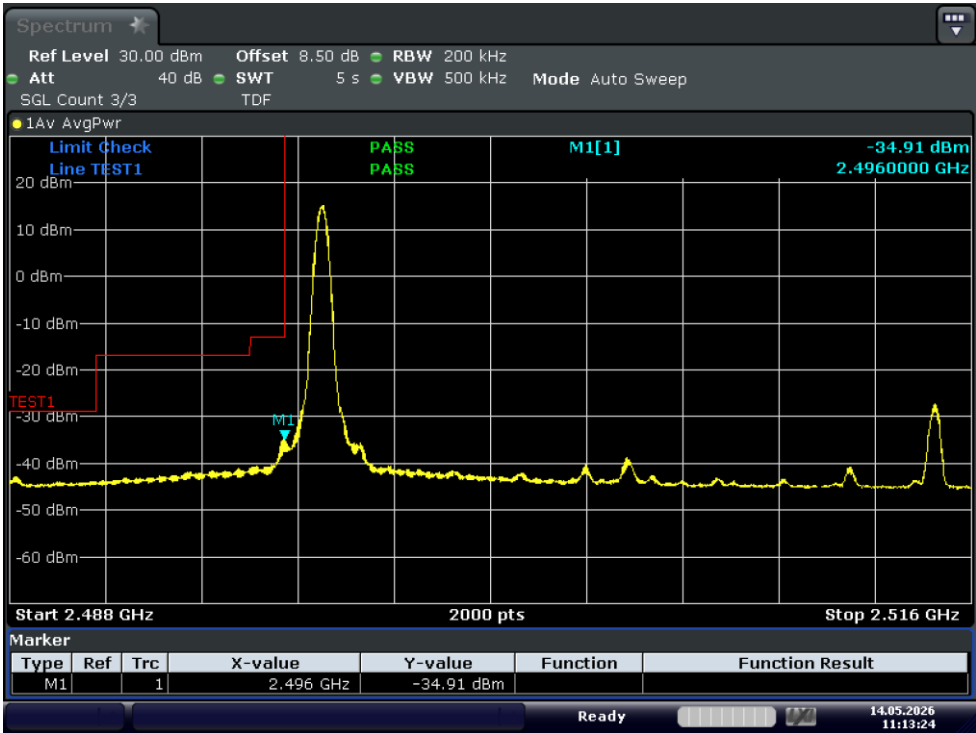


Test_Graph_band41_2682.5MHz_15M_QPSK_1RB#HIGH_Band edge

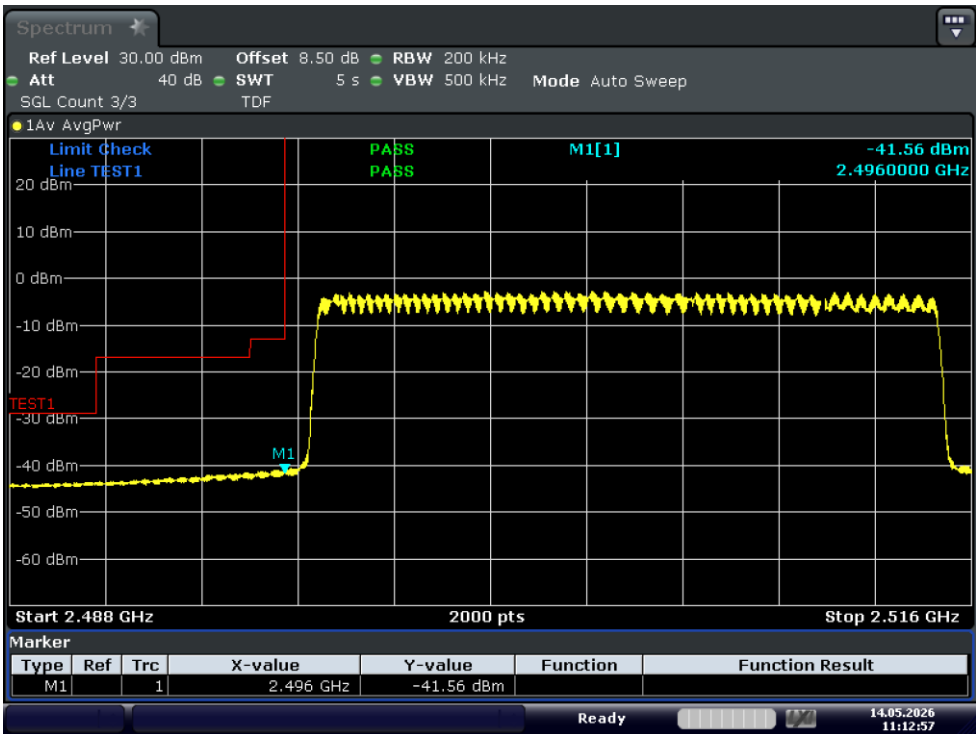


Test_Graph_band41_2682.5MHz_15M_QPSK_75RB#LOW_Band edge



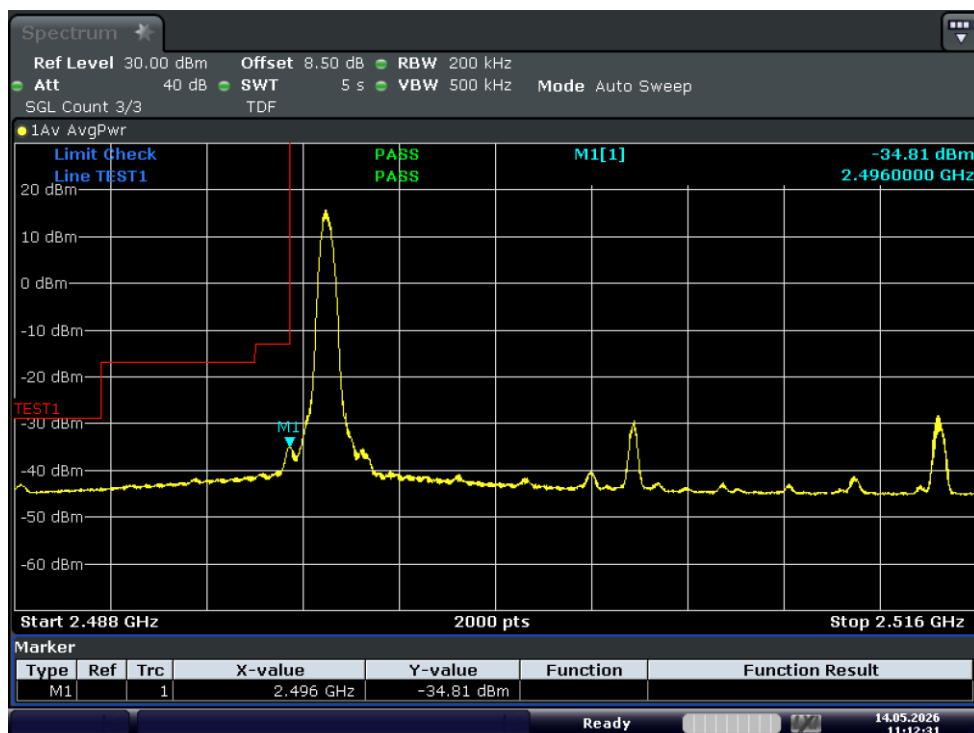


Test_Graph_band41_2506MHz_20M_16QAM_1RB#LOW_Band edge

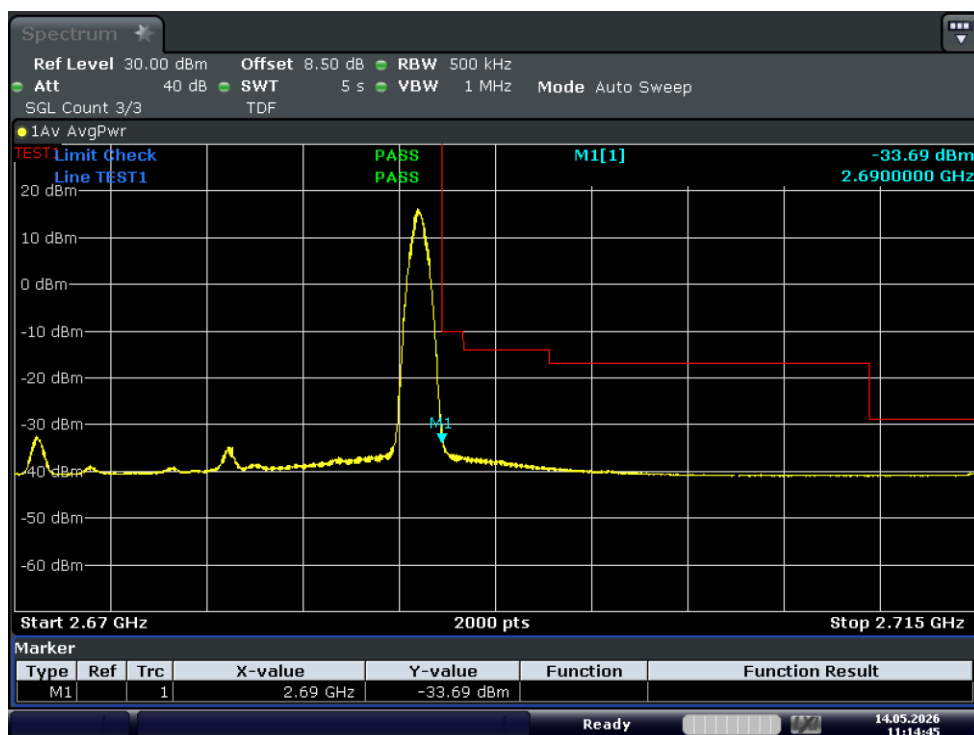


Test_Graph_band41_2506MHz_20M_QPSK_100RB#LOW_Band edge



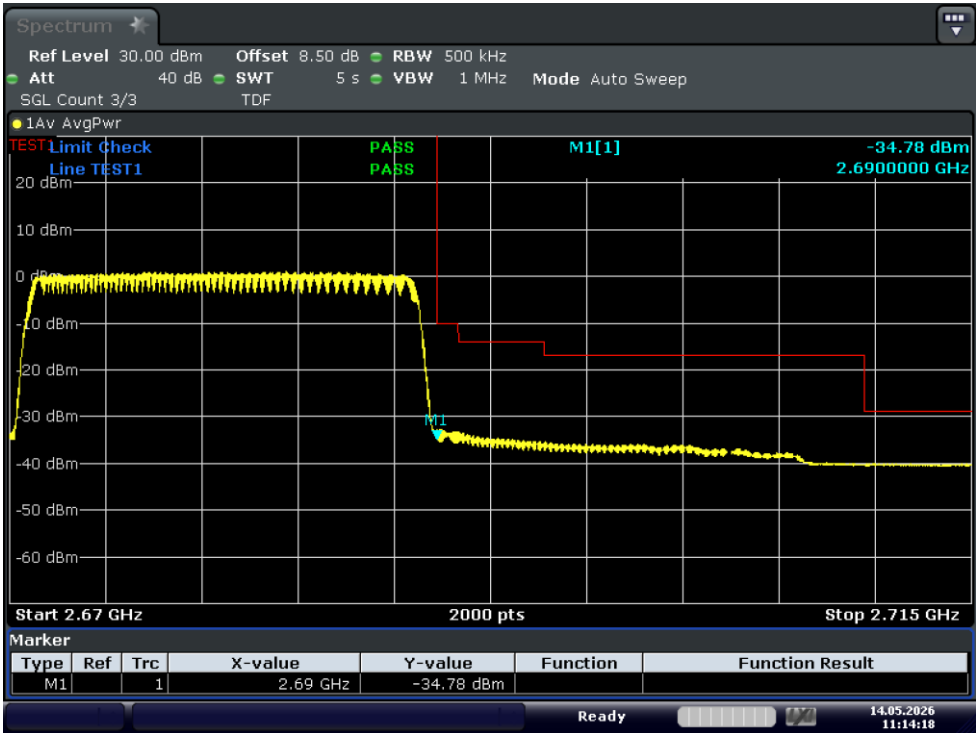


Test_Graph_band41_2506MHz_20M_QPSK_1RB#LOW_Band edge

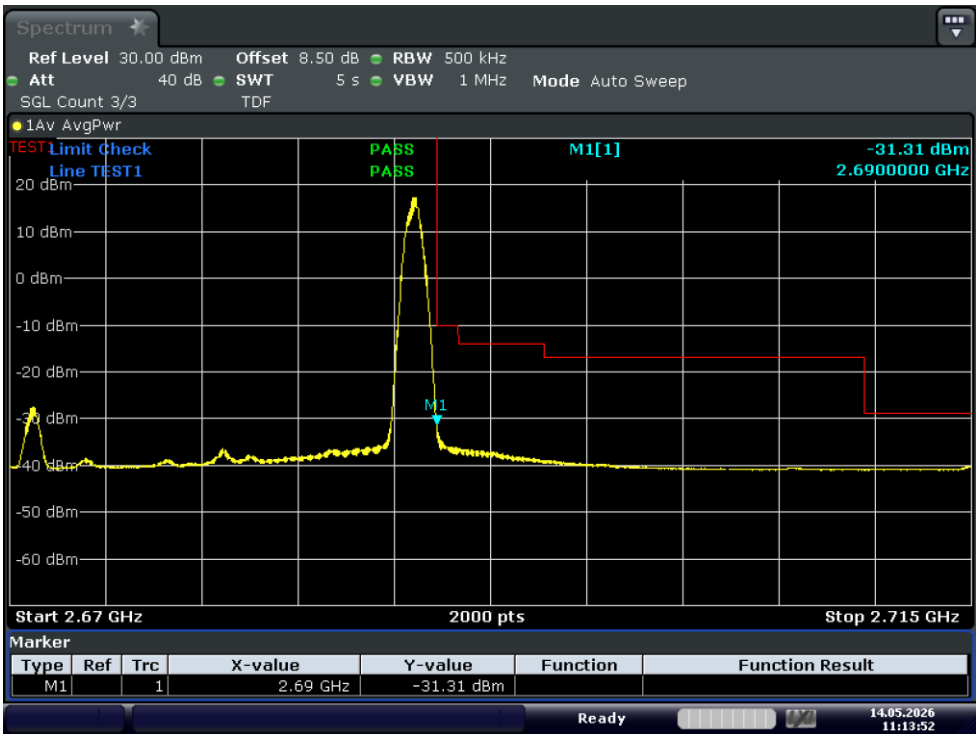


Test_Graph_band41_2680MHz_20M_16QAM_1RB#HIGH_Band edge





Test_Graph_band41_2680MHz_20M_QPSK_100RB#LOW_Band edge



Test_Graph_band41_2680MHz_20M_QPSK_1RB#HIGH_Band edge





Appendix D: Unwanted spurious emissions at antenna terminals

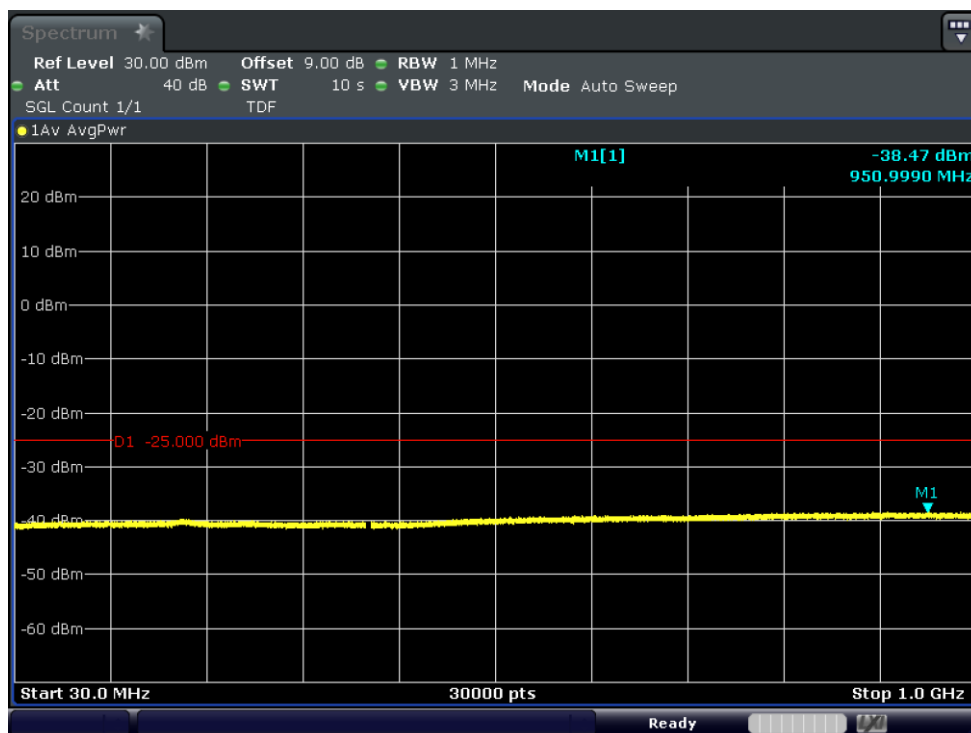
Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
41	5	2498.5	QPSK	25	LOW	Pass
41	5	2593	QPSK	25	LOW	Pass
41	5	2687.5	QPSK	25	LOW	Pass
41	10	2501	QPSK	50	LOW	Pass
41	10	2593	QPSK	50	LOW	Pass
41	10	2685	QPSK	50	LOW	Pass
41	15	2503.5	QPSK	75	LOW	Pass
41	15	2593	QPSK	75	LOW	Pass
41	15	2682.5	QPSK	75	LOW	Pass
41	20	2506	QPSK	100	LOW	Pass
41	20	2593	QPSK	100	LOW	Pass
41	20	2680	QPSK	100	LOW	Pass

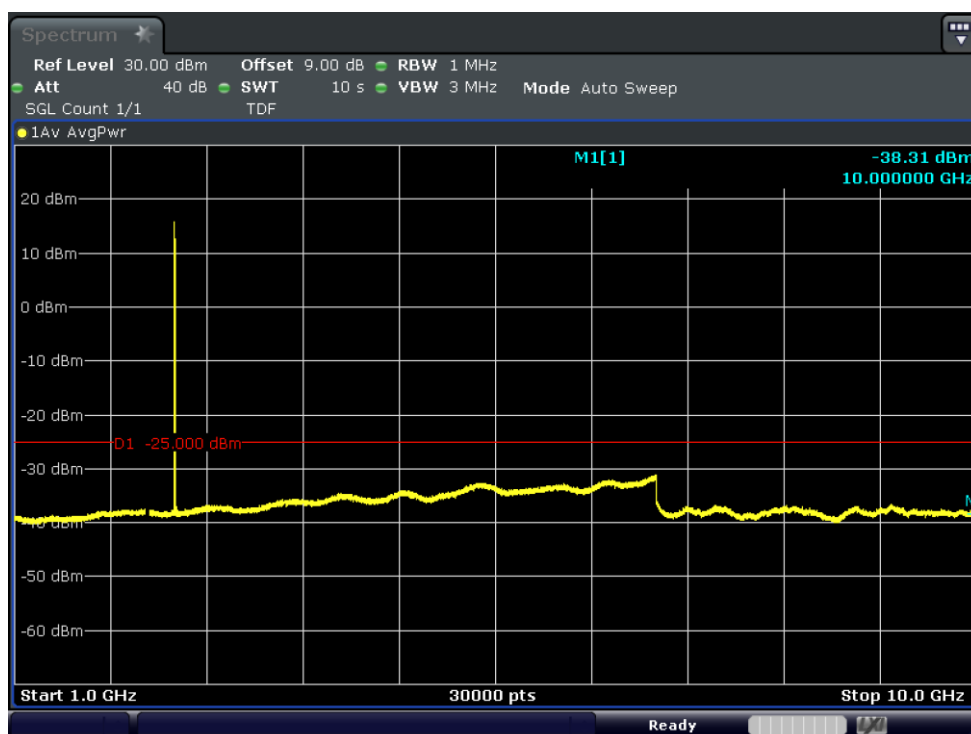
Note: Both QPSK and 16QAM modulation modes were tested. Since the QPSK mode produced the worst-case results, only the corresponding QPSK test results are included in this report.



Test Graphs

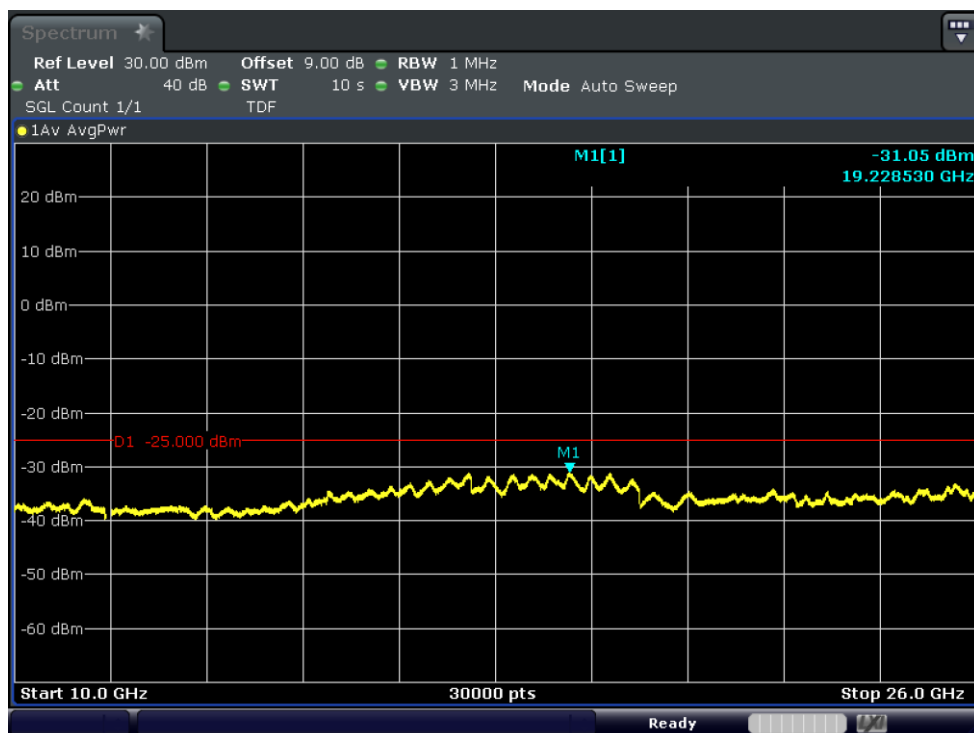


Test_Graph_band41_2498.5MHz_5M_QPSK_25RB#LOW_30M_1G_TX

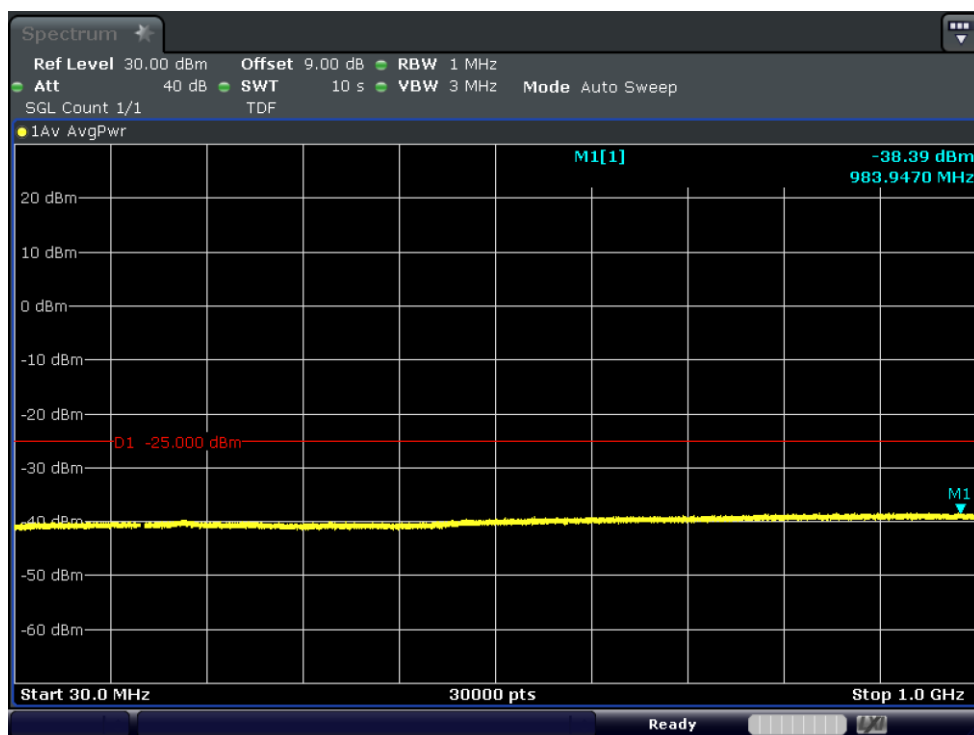


Test_Graph_band41_2498.5MHz_5M_QPSK_25RB#LOW_1G_10G_TX



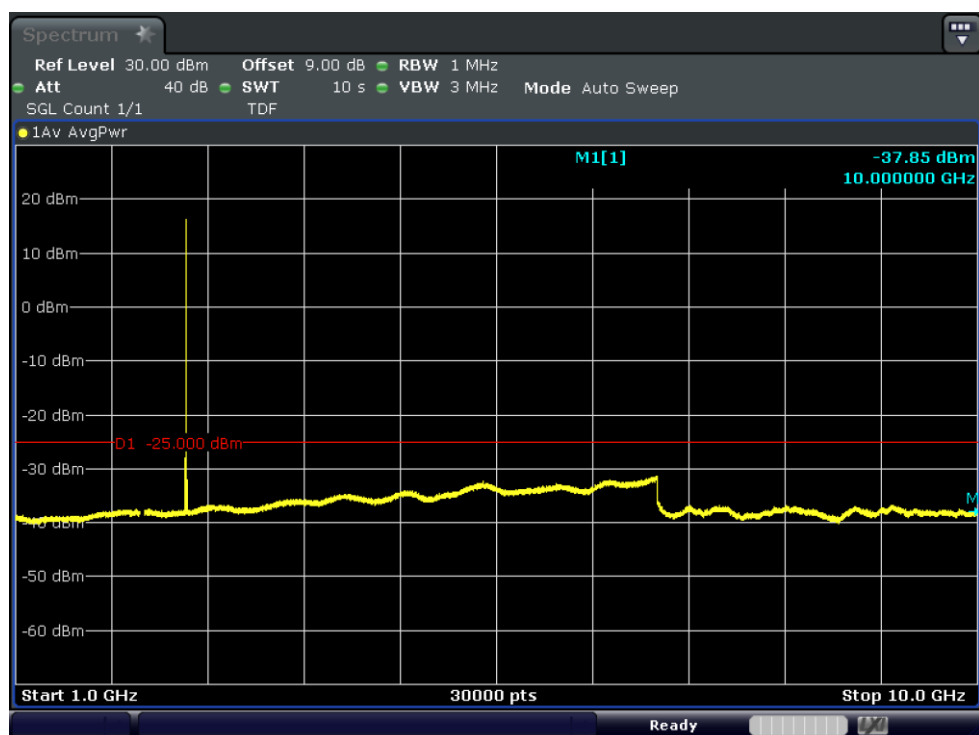


Test_Graph_band41_2498.5MHz_5M_QPSK_25RB#LOW_10G_26.0G_TX

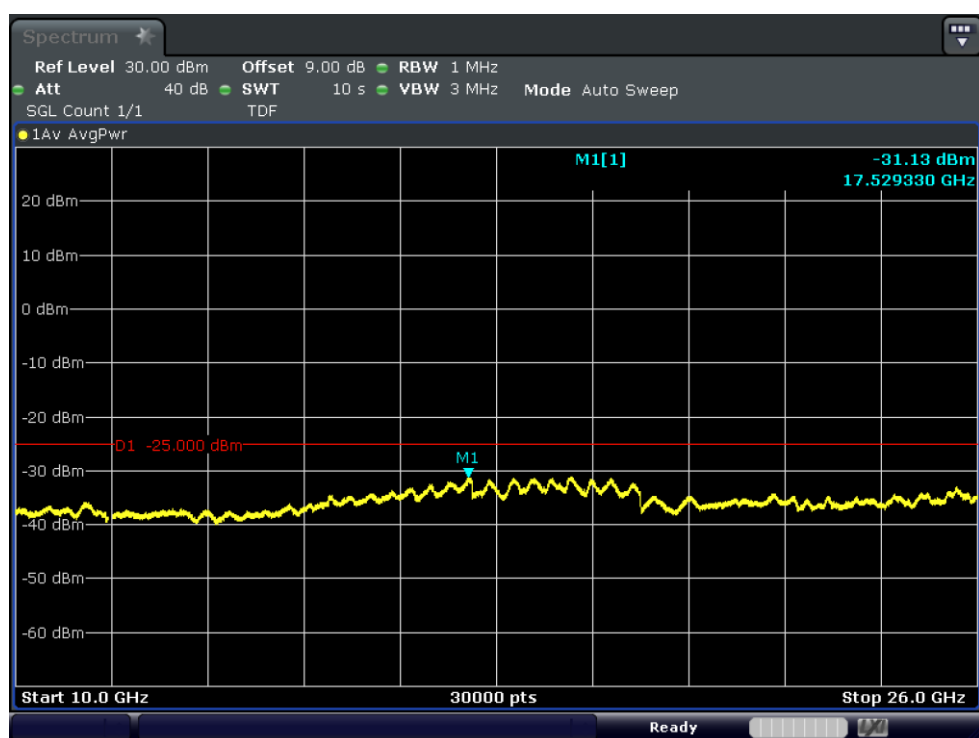


Test_Graph_band41_2593MHz_5M_QPSK_25RB#LOW_30M_1G_TX



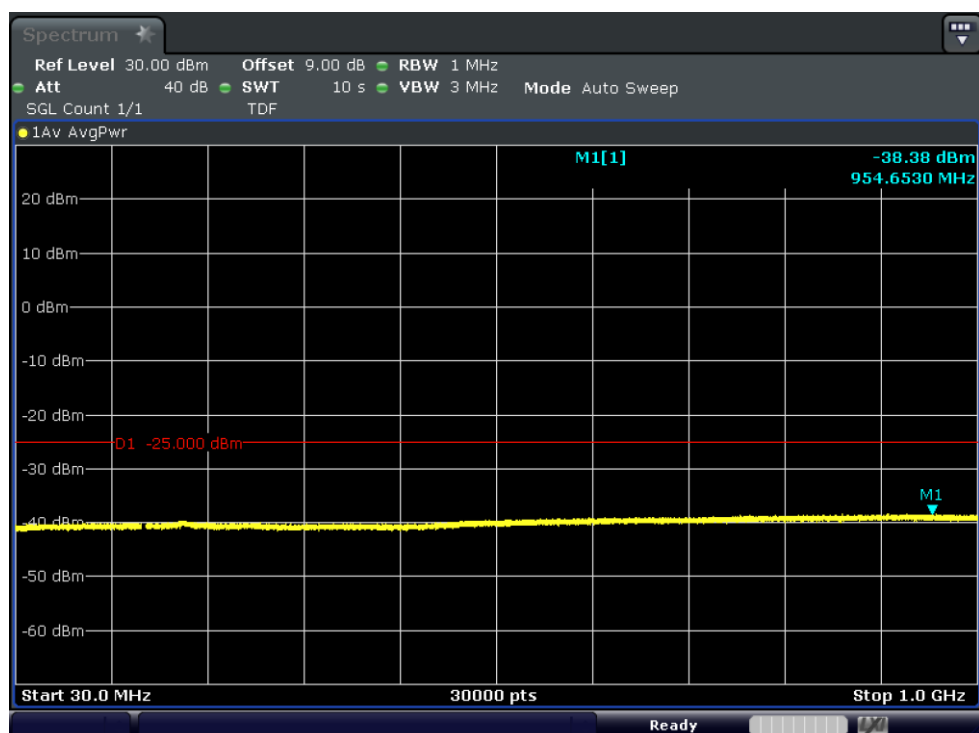


Test_Graph_band41_2593MHz_5M_QPSK_25RB#LOW_1G_10G_TX

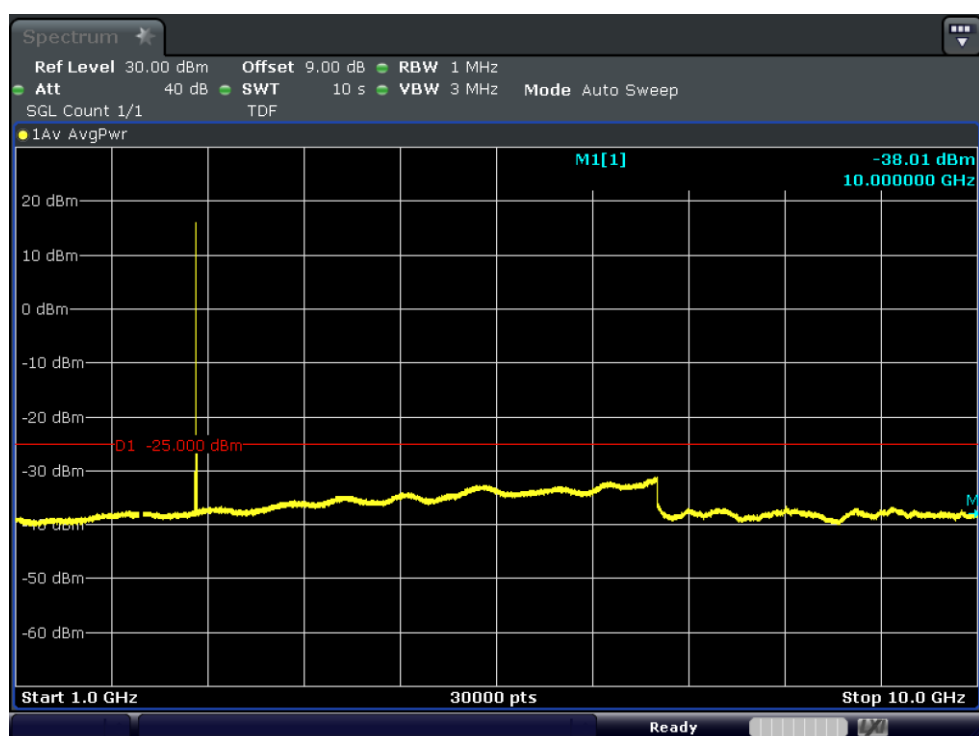


Test_Graph_band41_2593MHz_5M_QPSK_25RB#LOW_10G_26.0G_TX



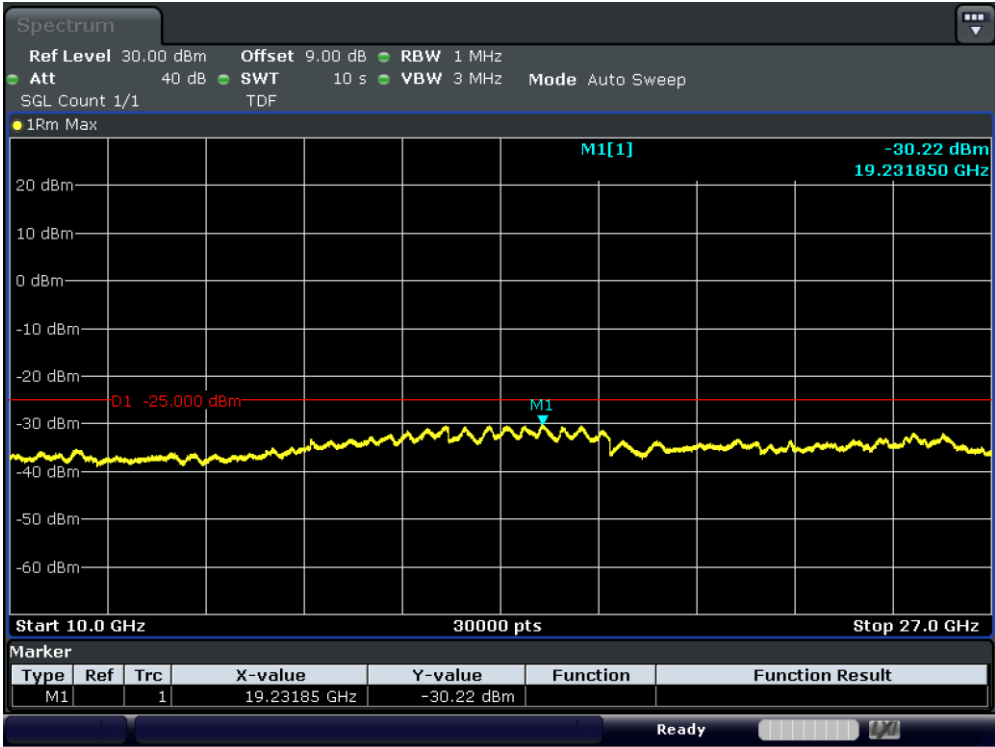


Test_Graph_band41_2687.5MHz_5M_QPSK_25RB#LOW_30M_1G_TX

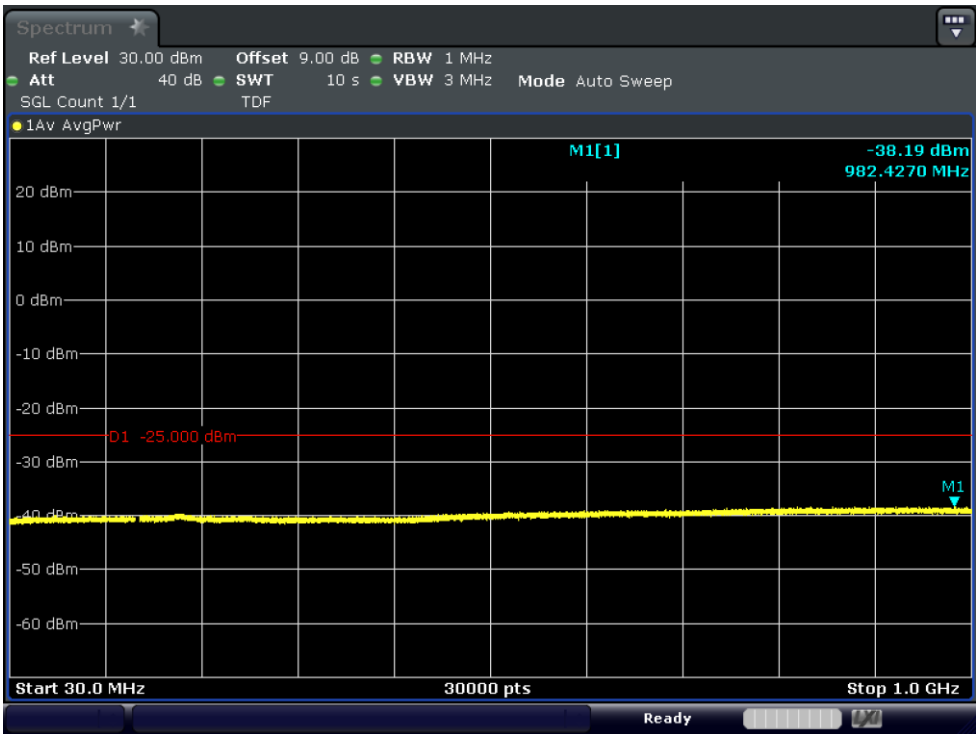


Test_Graph_band41_2687.5MHz_5M_QPSK_25RB#LOW_1G_10G_TX

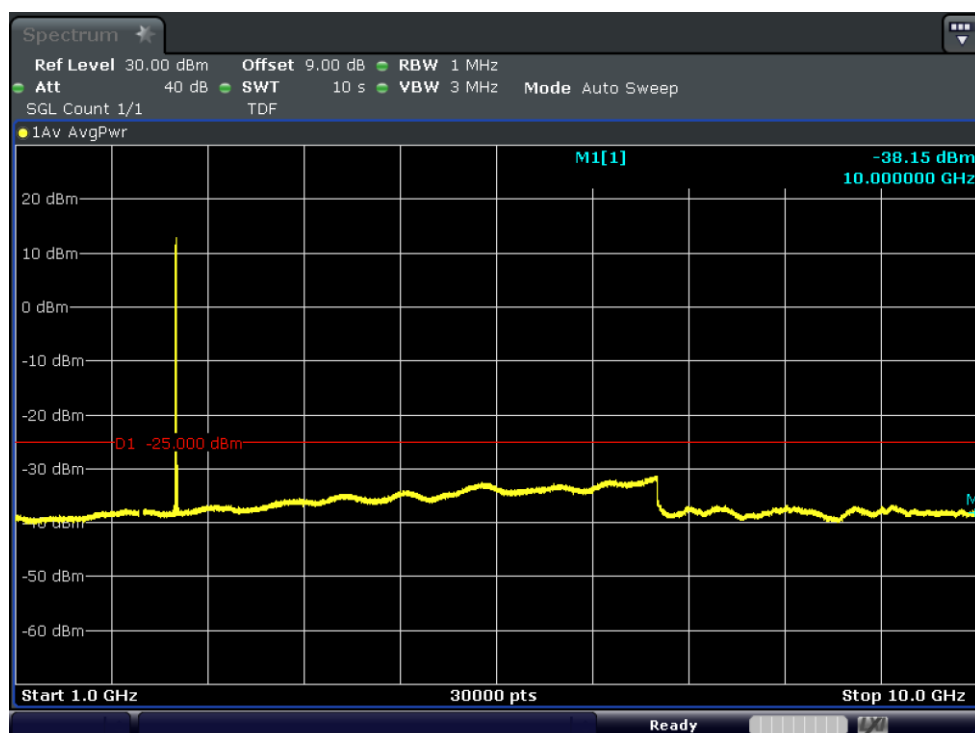




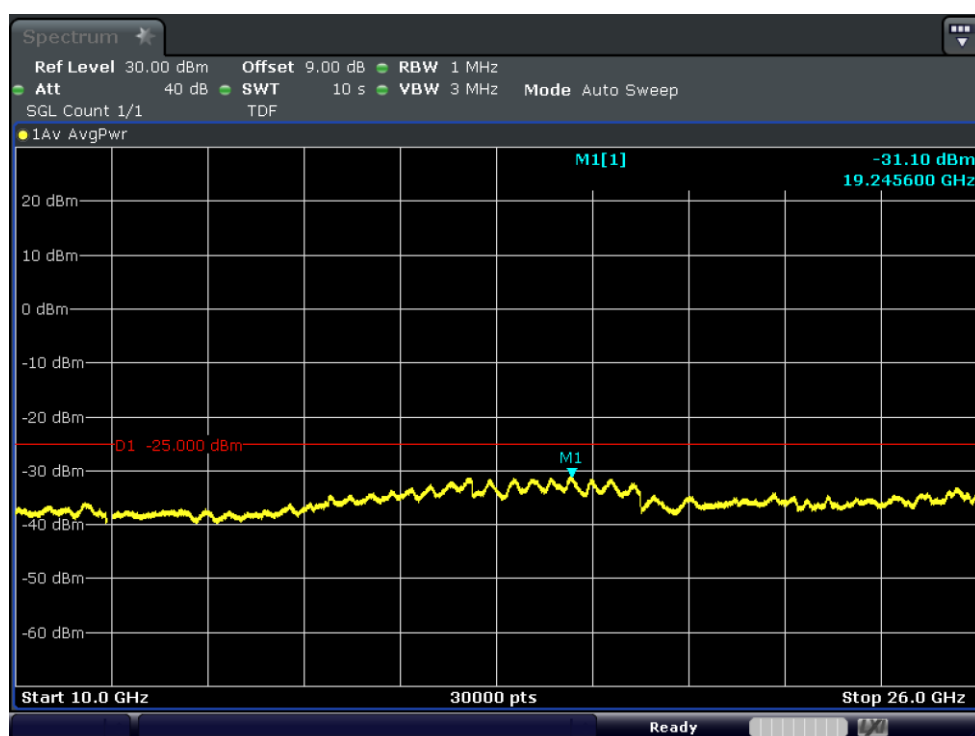
Test_Graph_band41_2687.5MHz_5M_QPSK_25RB#LOW_10G_27.0G_TX



Test_Graph_band41_2501MHz_10M_QPSK_50RB#LOW_30M_1G_TX

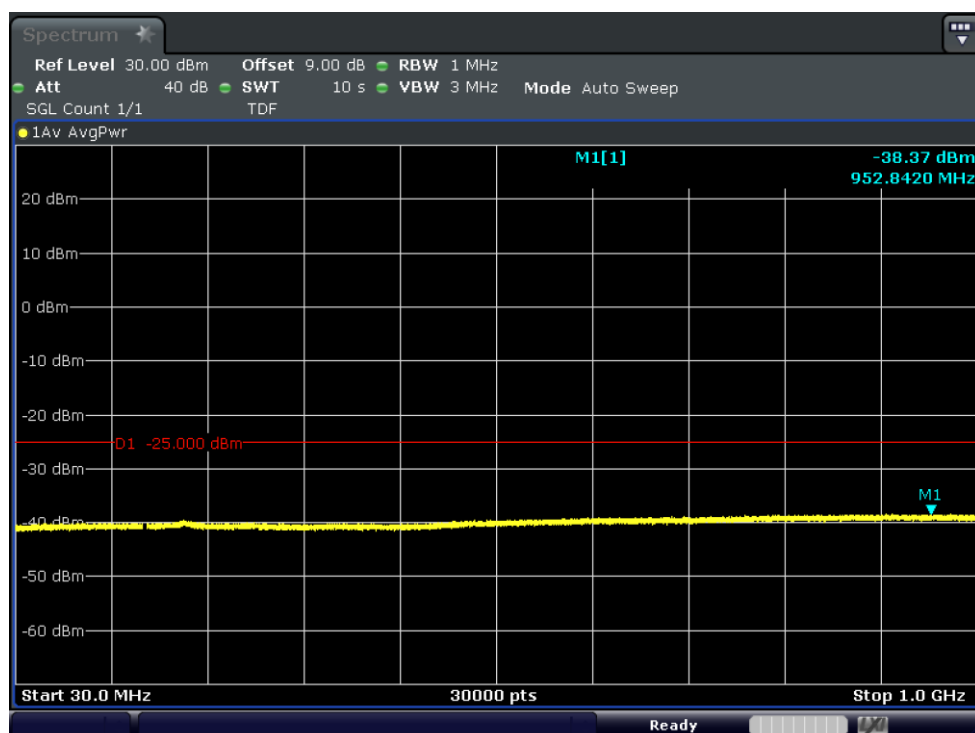


Test_Graph_band41_2501MHz_10M_QPSK_50RB#LOW_1G_10G_TX

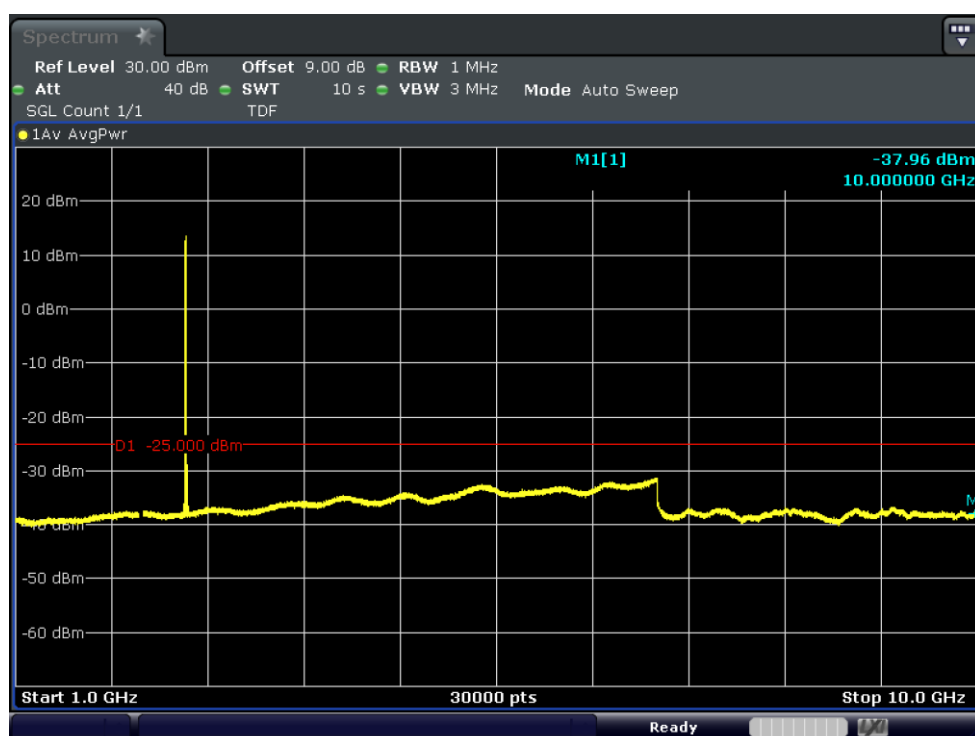


Test_Graph_band41_2501MHz_10M_QPSK_50RB#LOW_10G_26.0G_TX



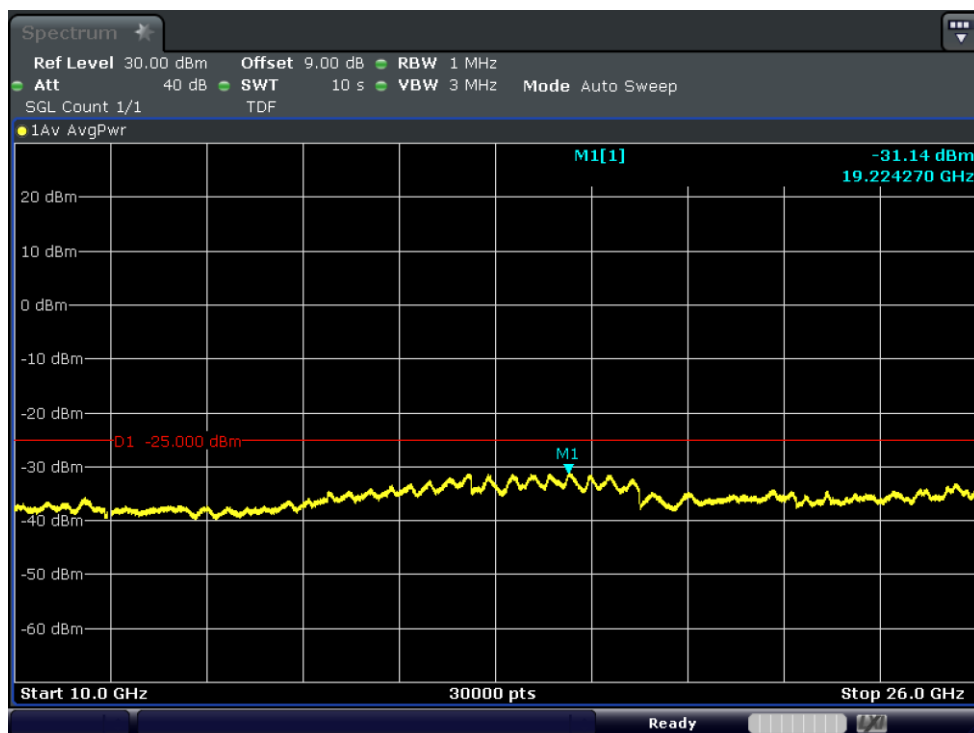


Test_Graph_band41_2593MHz_10M_QPSK_50RB#LOW_30M_1G_TX

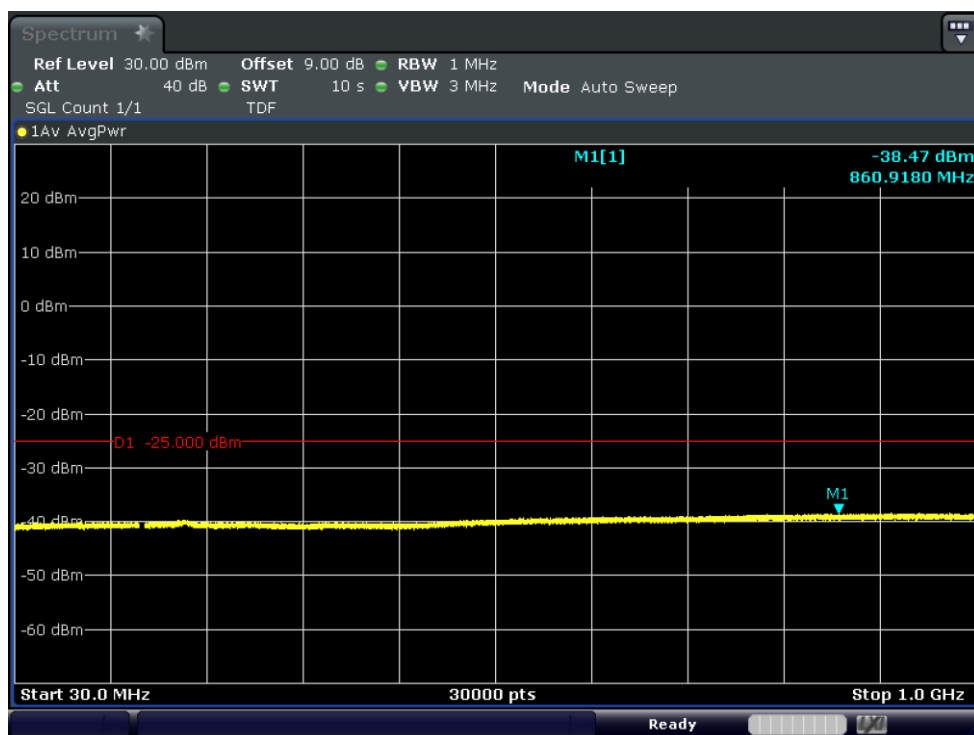


Test_Graph_band41_2593MHz_10M_QPSK_50RB#LOW_1G_10G_TX



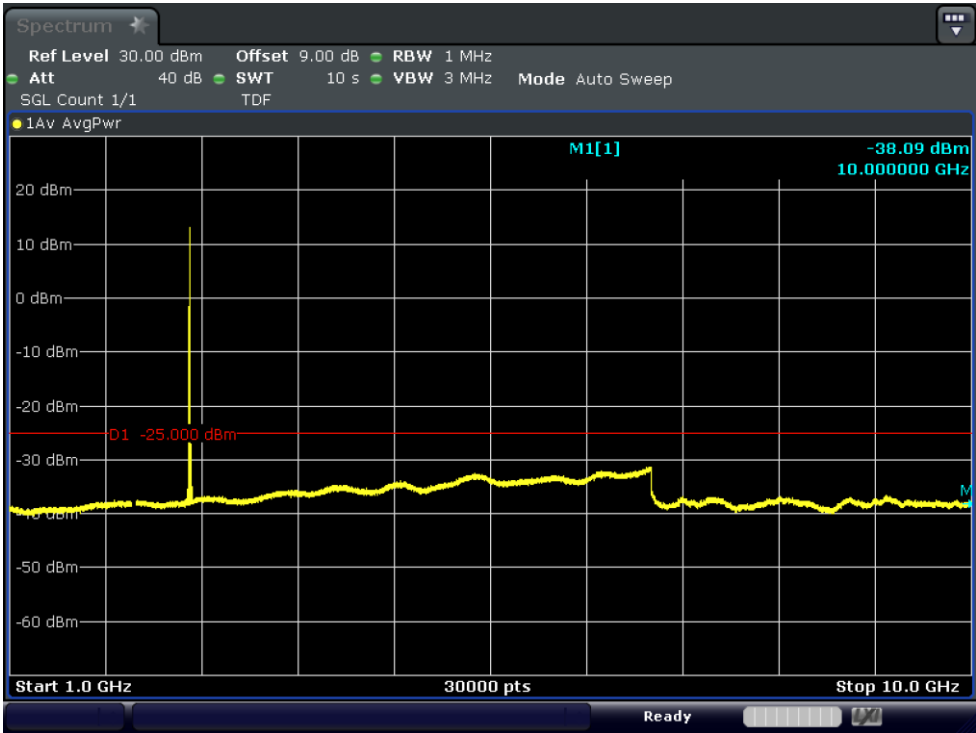


Test_Graph_band41_2593MHz_10M_QPSK_50RB#LOW_10G_26.0G_TX

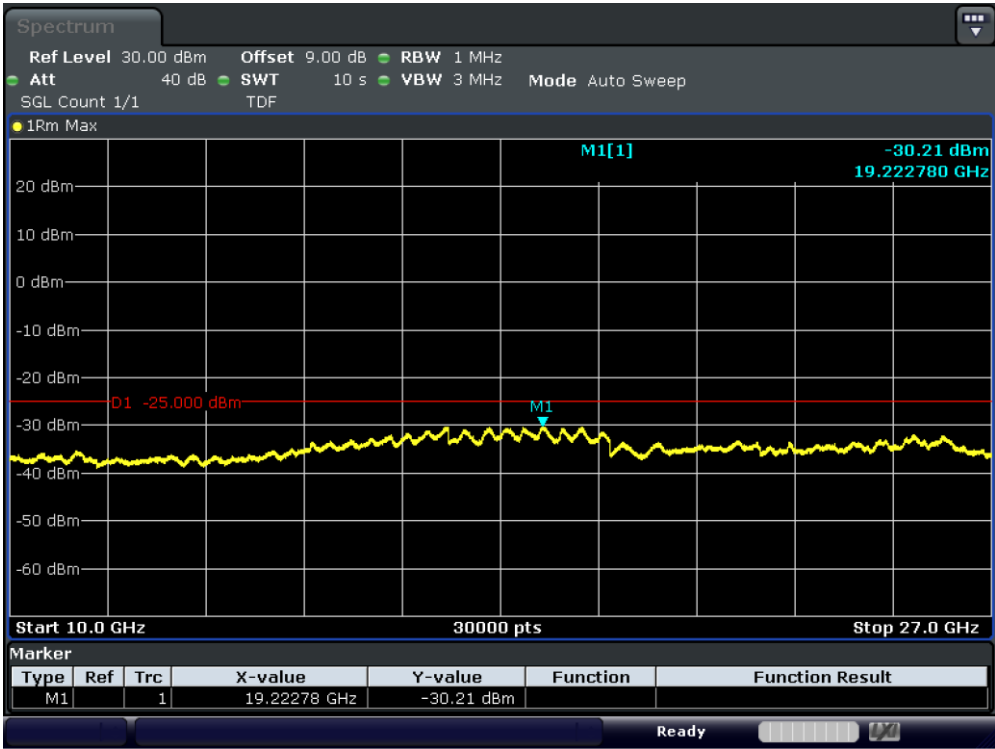


Test_Graph_band41_2685MHz_10M_QPSK_50RB#LOW_30M_1G_TX

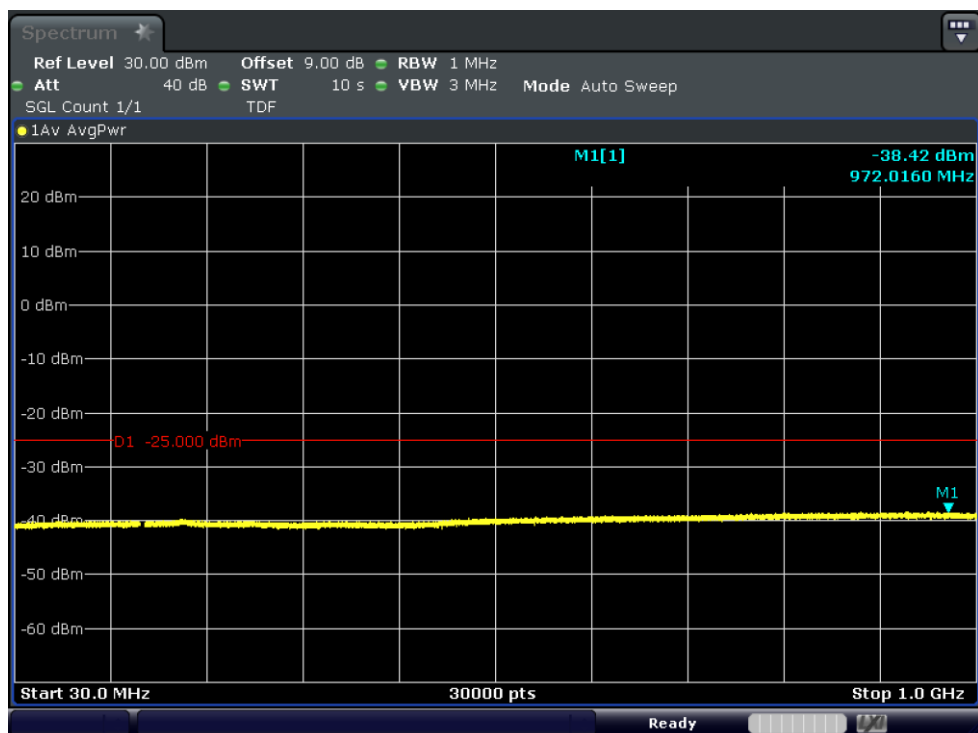




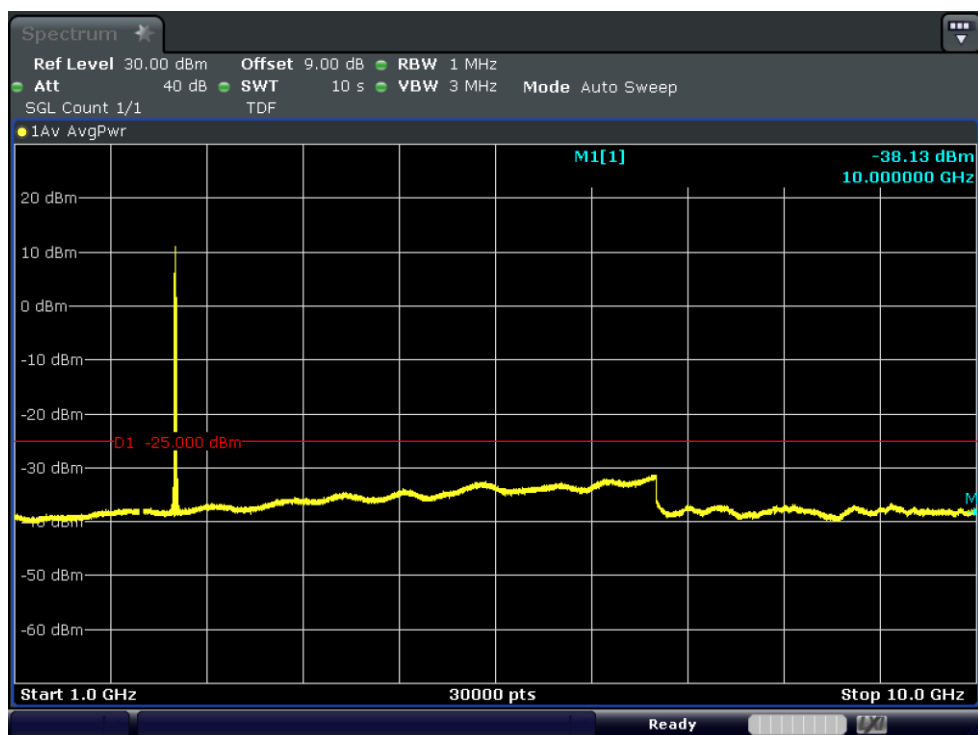
Test_Graph_band41_2685MHz_10M_QPSK_50RB#LOW_1G_10G_TX



Test_Graph_band41_2685MHz_10M_QPSK_50RB#LOW_10G_27.0G_TX

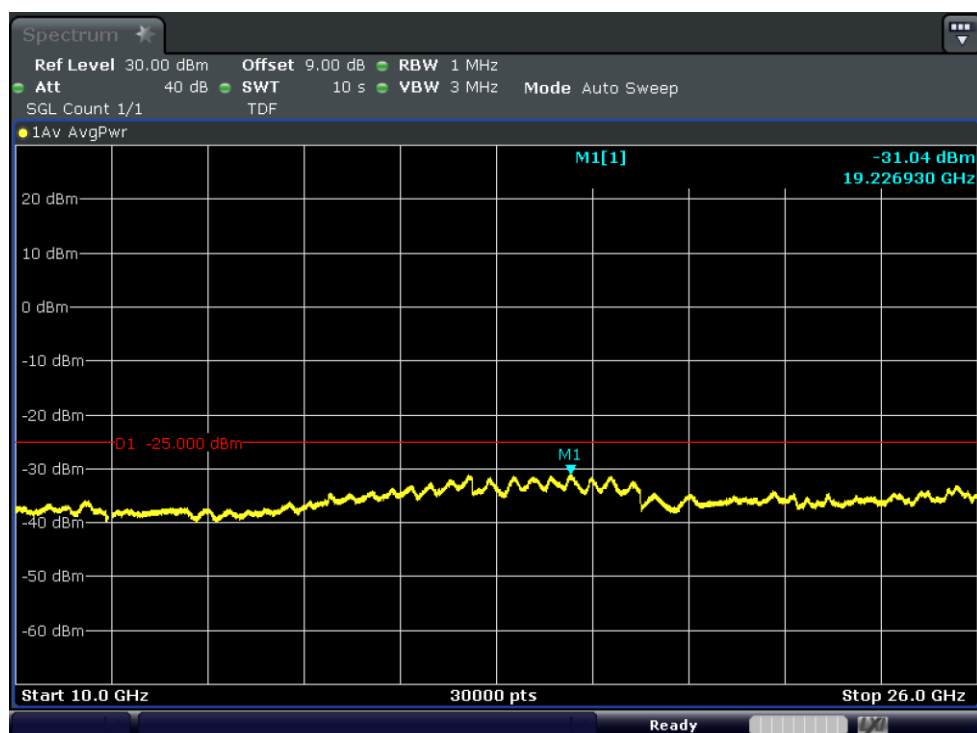


Test_Graph_band41_2503.5MHz_15M_QPSK_75RB#LOW_30M_1G_TX

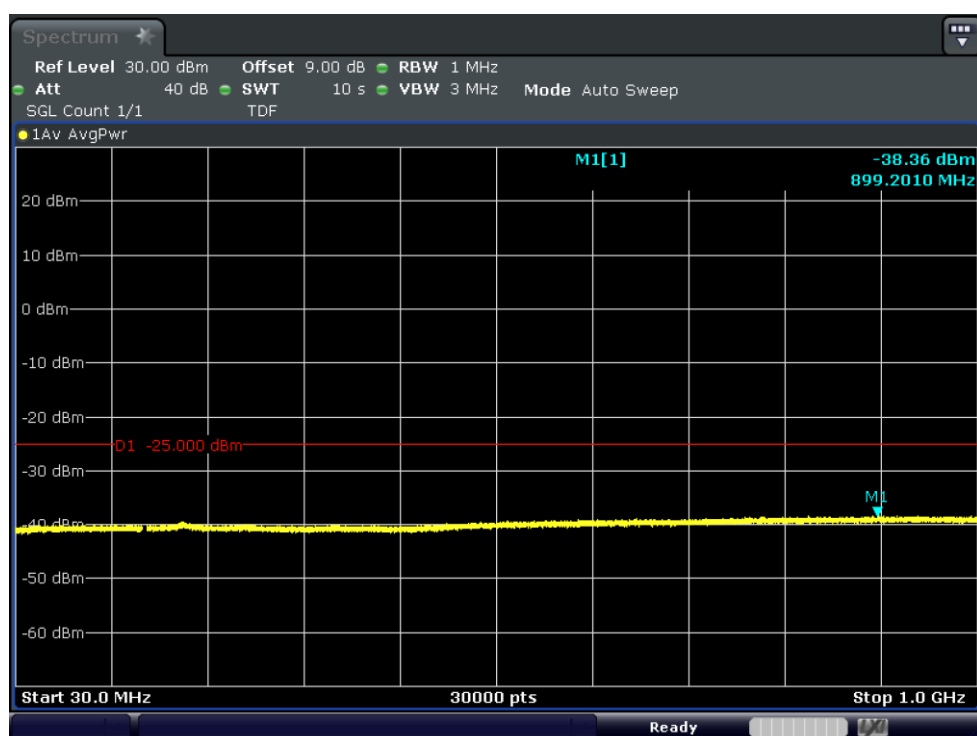


Test_Graph_band41_2503.5MHz_15M_QPSK_75RB#LOW_1G_10G_TX



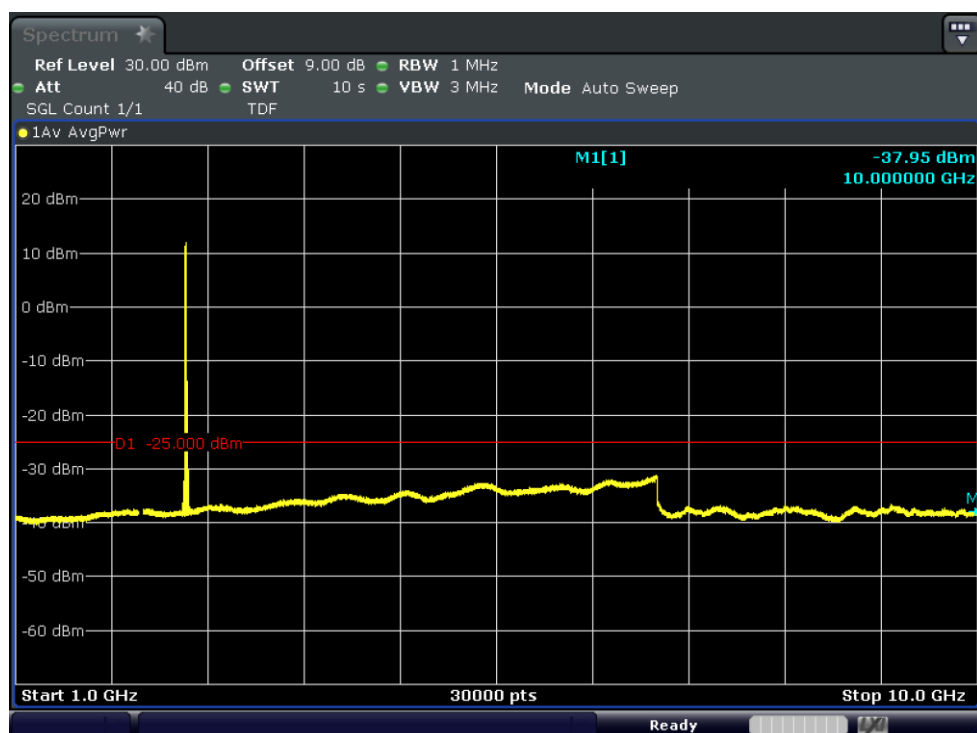


Test_Graph_band41_2503.5MHz_15M_QPSK_75RB#LOW_10G_26.0G_TX

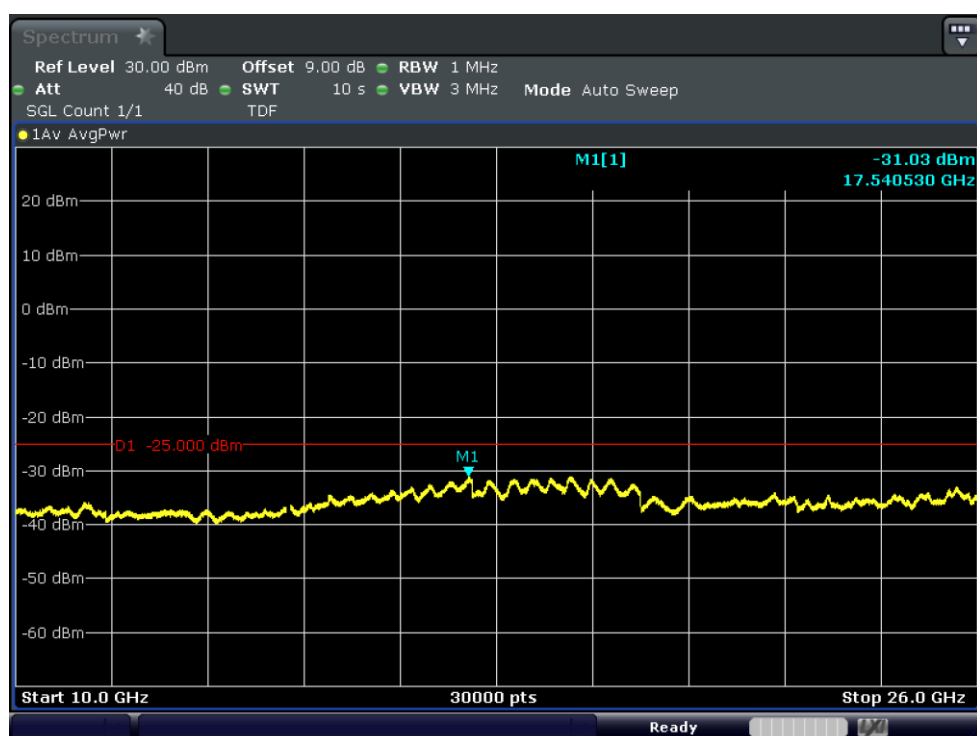


Test_Graph_band41_2593MHz_15M_QPSK_75RB#LOW_30M_1G_TX



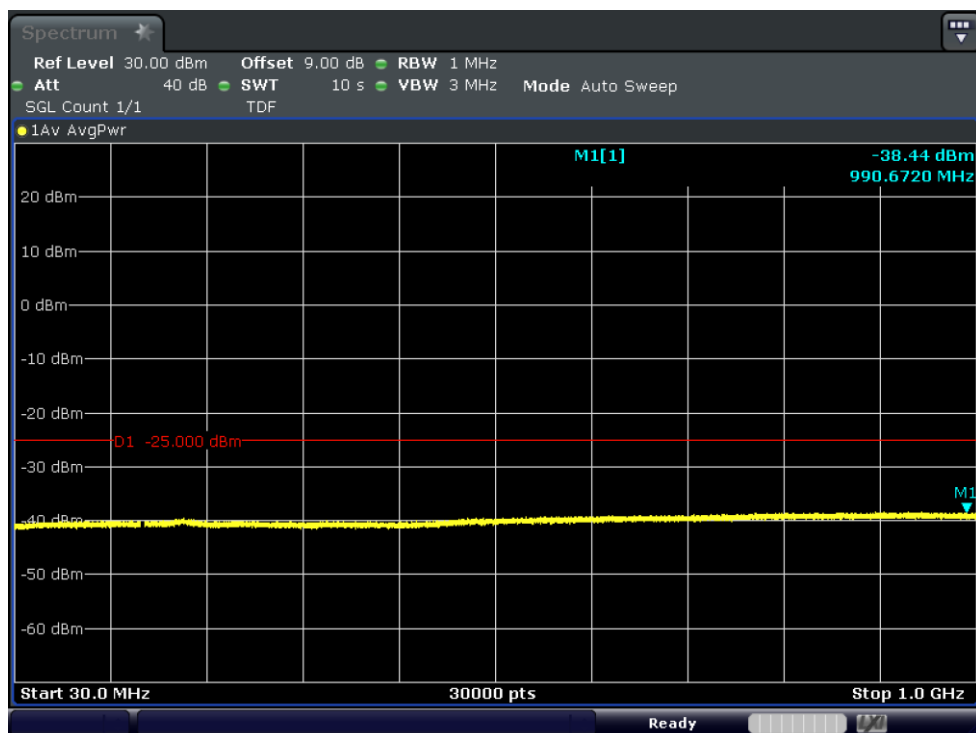


Test_Graph_band41_2593MHz_15M_QPSK_75RB#LOW_1G_10G_TX

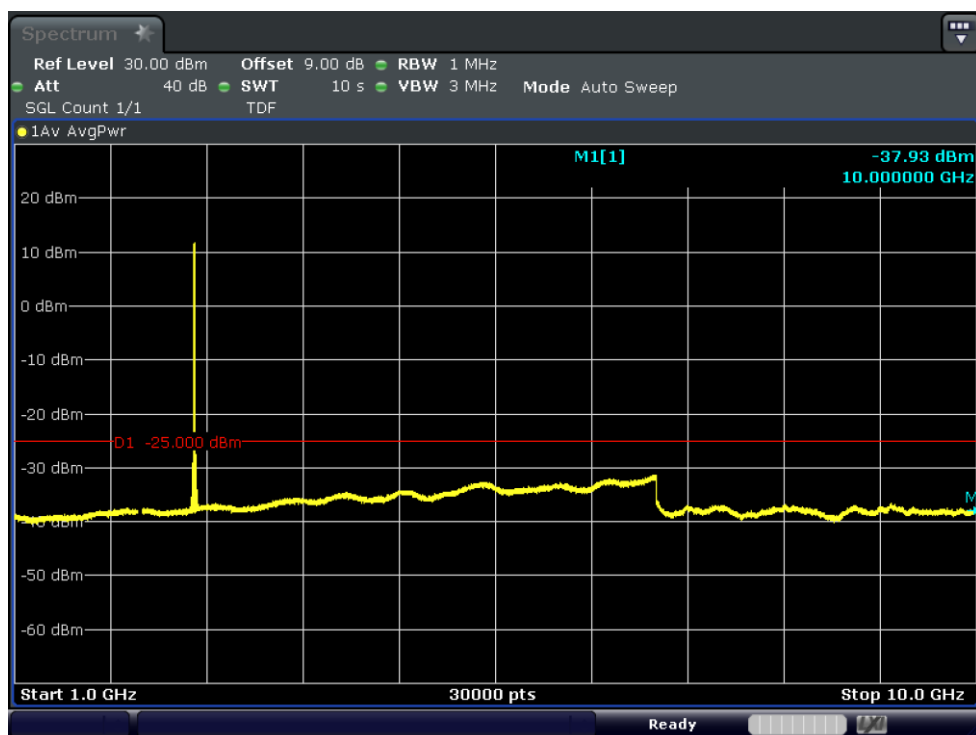


Test_Graph_band41_2593MHz_15M_QPSK_75RB#LOW_10G_26.0G_TX



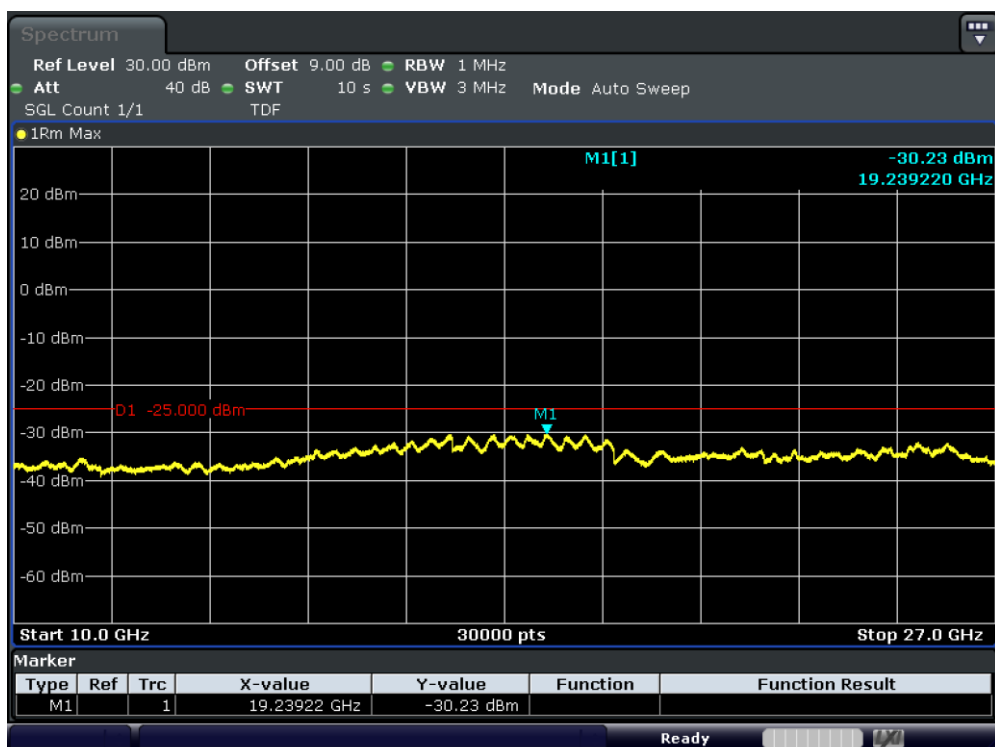


Test_Graph_band41_2682.5MHz_15M_QPSK_75RB#LOW_30M_1G_TX

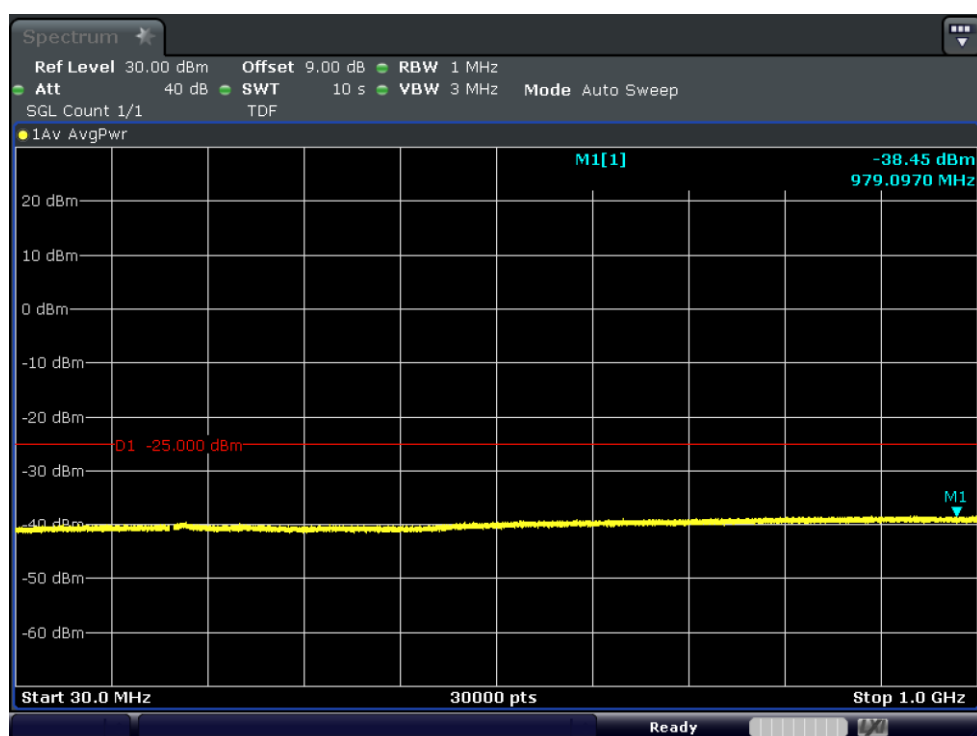


Test_Graph_band41_2682.5MHz_15M_QPSK_75RB#LOW_1G_10G_TX





Test_Graph_band41_2682.5MHz_15M_QPSK_75RB#LOW_10G_27.0G_TX



Test_Graph_band41_2506MHz_20M_QPSK_100RB#LOW_30M_1G_TX

