

RF Test Data for LTE (Conducted Measurement)

Product Name: KaYoTom Walkie-talkie
Trade Mark: KaYoTom
Test Model: M66
FCC ID: 2BK59-M66

Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band7

Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band7	5	2502.5	QPSK	25	LOW	Pass
Band7	5	2502.5	16QAM	25	LOW	Pass
Band7	5	2567.5	QPSK	25	LOW	Pass
Band7	5	2567.5	16QAM	25	LOW	Pass
Band7	10	2505	QPSK	50	LOW	Pass
Band7	10	2505	16QAM	27	LOW	Pass
Band7	10	2565	QPSK	50	LOW	Pass
Band7	10	2565	16QAM	27	HIGH	Pass
Band7	15	2507.5	QPSK	75	LOW	Pass
Band7	15	2507.5	16QAM	27	LOW	Pass
Band7	15	2562.5	QPSK	75	LOW	Pass
Band7	15	2562.5	16QAM	27	HIGH	Pass
Band7	20	2510	QPSK	100	LOW	Pass
Band7	20	2510	16QAM	27	LOW	Pass
Band7	20	2560	QPSK	100	LOW	Pass
Band7	20	2560	16QAM	27	HIGH	Pass

Band7-5-2502.5-QPSK-25#LOW



Band7-5-2502.5-16QAM-25#LOW



Band7-5-2567.5-QPSK-25#LOW



Band7-5-2567.5-16QAM-25#LOW



Band7-10-2505-QPSK-50#LOW



Band7-10-2505-16QAM-27#LOW



Band7-10-2565-QPSK-50#LOW



Band7-10-2565-16QAM-27#HIGH



Band7-15-2507.5-QPSK-75#LOW



Band7-15-2507.5-16QAM-27#LOW



Band7-15-2562.5-QPSK-75#LOW



Band7-15-2562.5-16QAM-27#HIGH



Band7-20-2510-QPSK-100#LOW



Band7-20-2510-16QAM-27#LOW



Band7-20-2560-QPSK-100#LOW



Band7-20-2560-16QAM-27#HIGH

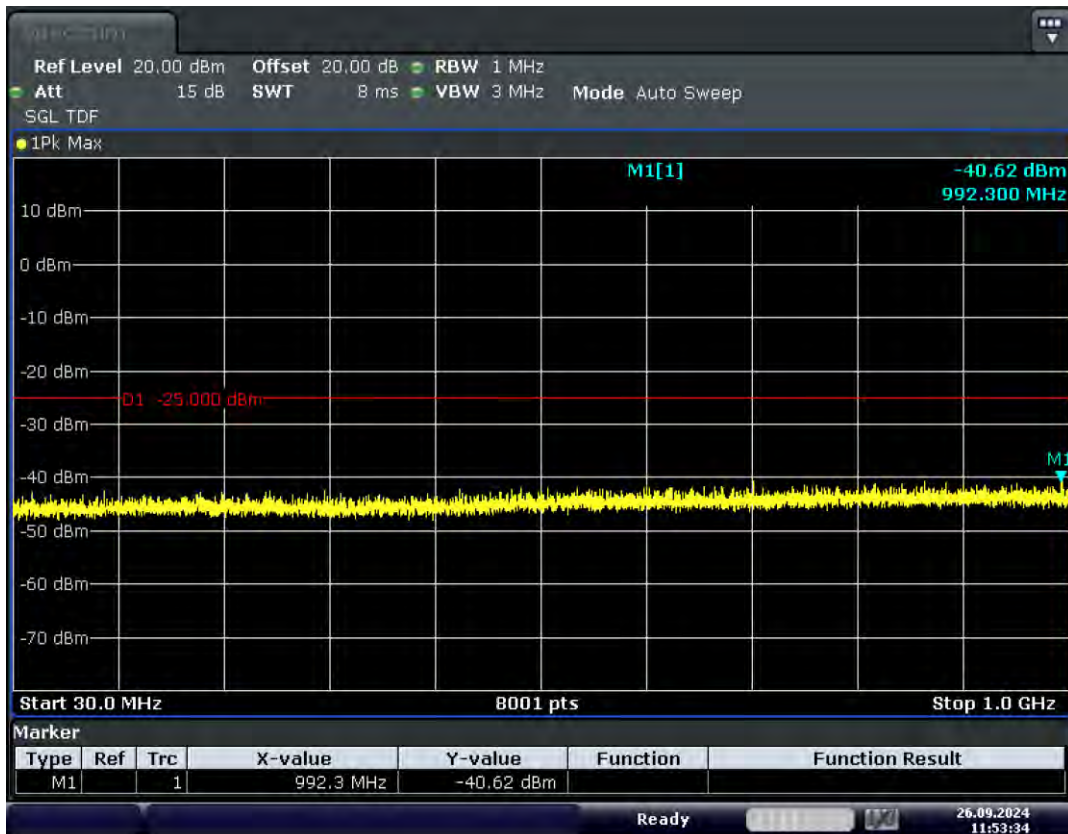


Conducted Spurious Emission

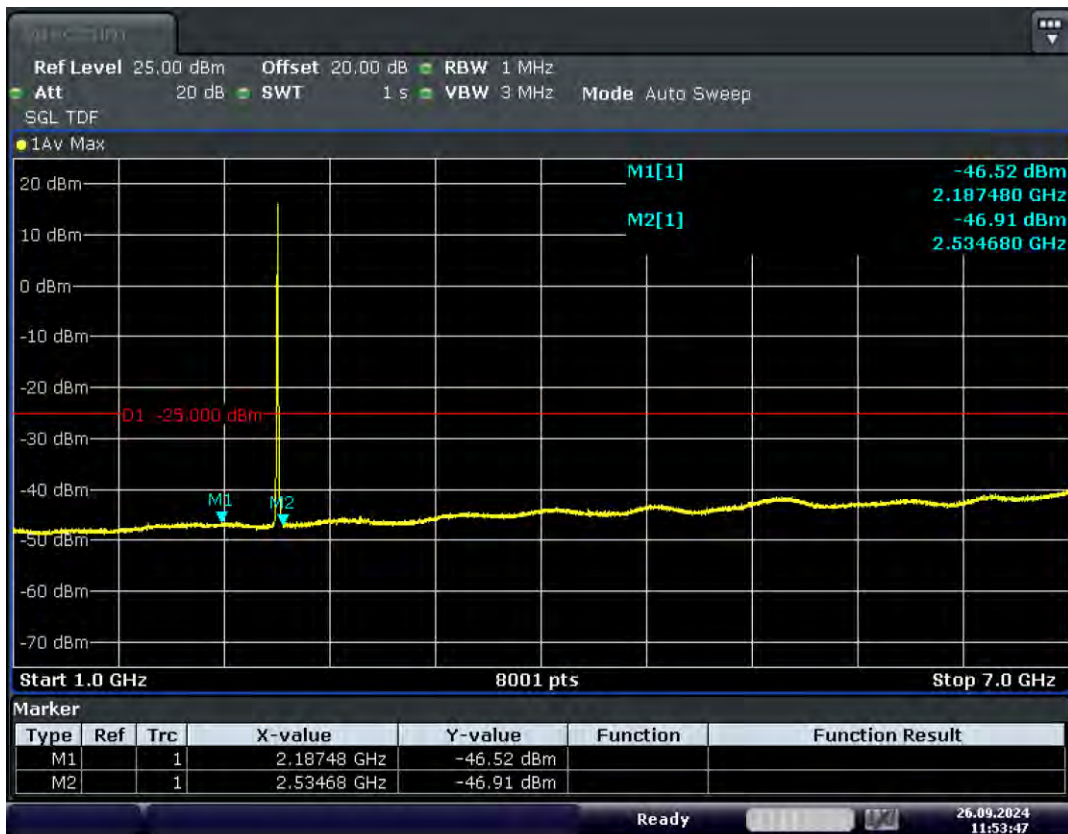
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB7	5	2502.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB7	5	2502.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB7	5	2502.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB7	5	2502.5	QPSK	25	LOW	13.6GHz-26.5GHz	Pass
OB7	5	2535	QPSK	25	LOW	30mHz-1GHz	Pass
OB7	5	2535	QPSK	25	LOW	1GHz-7GHz	Pass
OB7	5	2535	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB7	5	2535	QPSK	25	LOW	13.6GHz-26.5GHz	Pass
OB7	5	2567.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB7	5	2567.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB7	5	2567.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB7	5	2567.5	QPSK	25	LOW	13.6GHz-26.5GHz	Pass
OB7	10	2505	QPSK	50	LOW	30mHz-1GHz	Pass
OB7	10	2505	QPSK	50	LOW	1GHz-7GHz	Pass
OB7	10	2505	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB7	10	2505	QPSK	50	LOW	13.6GHz-26.5GHz	Pass
OB7	10	2535	QPSK	50	LOW	30mHz-1GHz	Pass
OB7	10	2535	QPSK	50	LOW	1GHz-7GHz	Pass
OB7	10	2535	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB7	10	2535	QPSK	50	LOW	13.6GHz-26.5GHz	Pass
OB7	10	2565	QPSK	50	LOW	30mHz-1GHz	Pass
OB7	10	2565	QPSK	50	LOW	1GHz-7GHz	Pass
OB7	10	2565	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB7	10	2565	QPSK	50	LOW	13.6GHz-26.5GHz	Pass
OB7	15	2507.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB7	15	2507.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB7	15	2507.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB7	15	2507.5	QPSK	75	LOW	13.6GHz-26.5GHz	Pass
OB7	15	2535	QPSK	75	LOW	30mHz-1GHz	Pass
OB7	15	2535	QPSK	75	LOW	1GHz-7GHz	Pass
OB7	15	2535	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB7	15	2535	QPSK	75	LOW	13.6GHz-26.5GHz	Pass

OB7	15	2562.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB7	15	2562.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB7	15	2562.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB7	15	2562.5	QPSK	75	LOW	13.6GHz- 26.5GHz	Pass
OB7	20	2510	QPSK	100	LOW	30mHz-1GHz	Pass
OB7	20	2510	QPSK	100	LOW	1GHz-7GHz	Pass
OB7	20	2510	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB7	20	2510	QPSK	100	LOW	13.6GHz- 26.5GHz	Pass
OB7	20	2535	QPSK	100	LOW	30mHz-1GHz	Pass
OB7	20	2535	QPSK	100	LOW	1GHz-7GHz	Pass
OB7	20	2535	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB7	20	2535	QPSK	100	LOW	13.6GHz- 26.5GHz	Pass
OB7	20	2560	QPSK	100	LOW	30mHz-1GHz	Pass
OB7	20	2560	QPSK	100	LOW	1GHz-7GHz	Pass
OB7	20	2560	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB7	20	2560	QPSK	100	LOW	13.6GHz- 26.5GHz	Pass

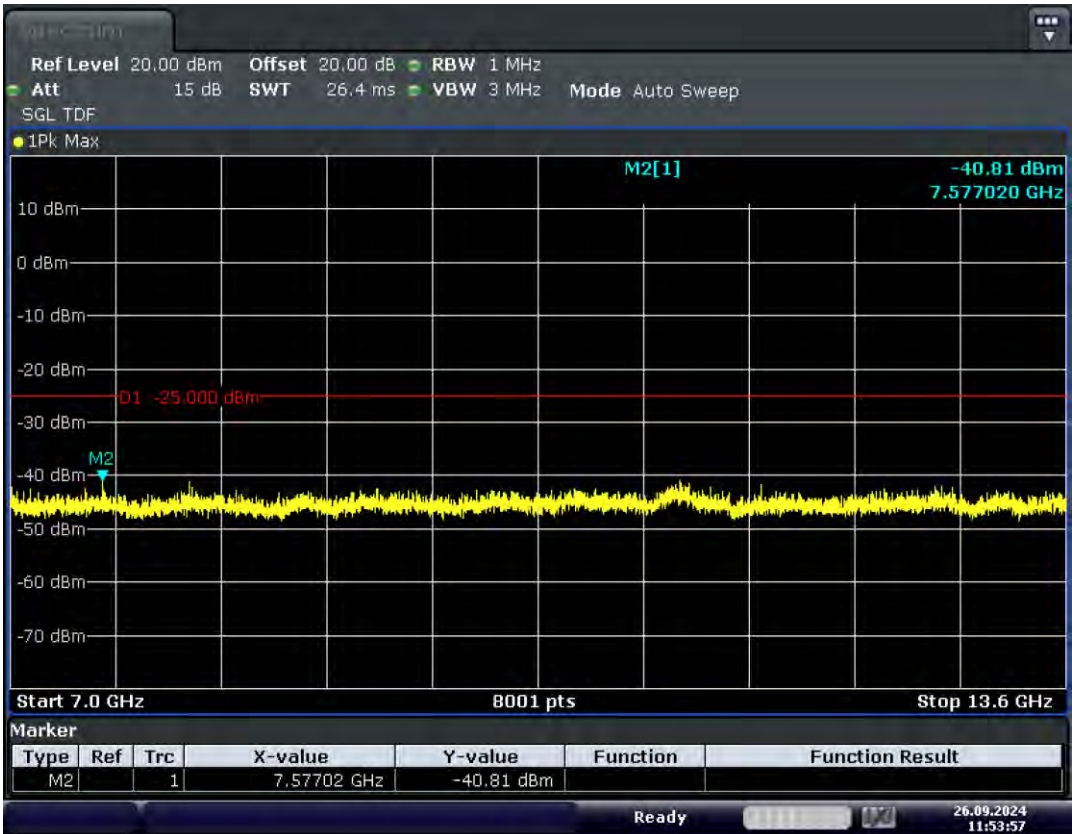
OB7-5-2502.5-QPSK-25#LOW@30mHz-1GHz@Pass



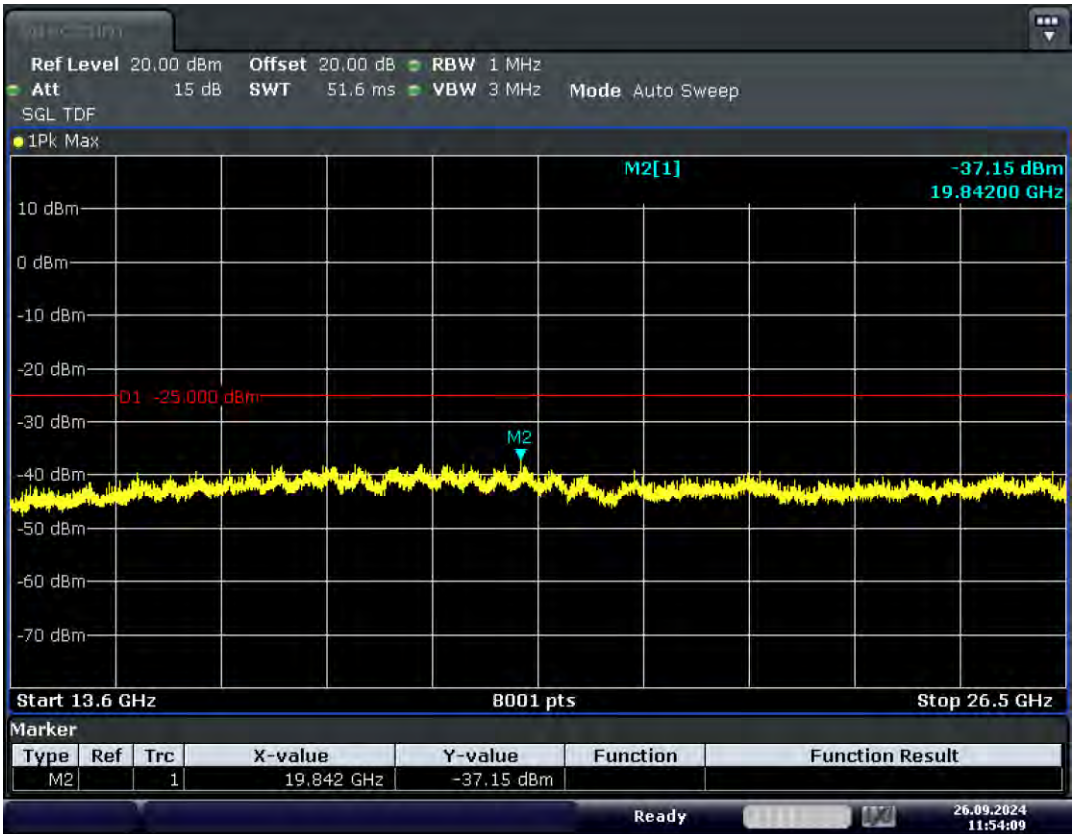
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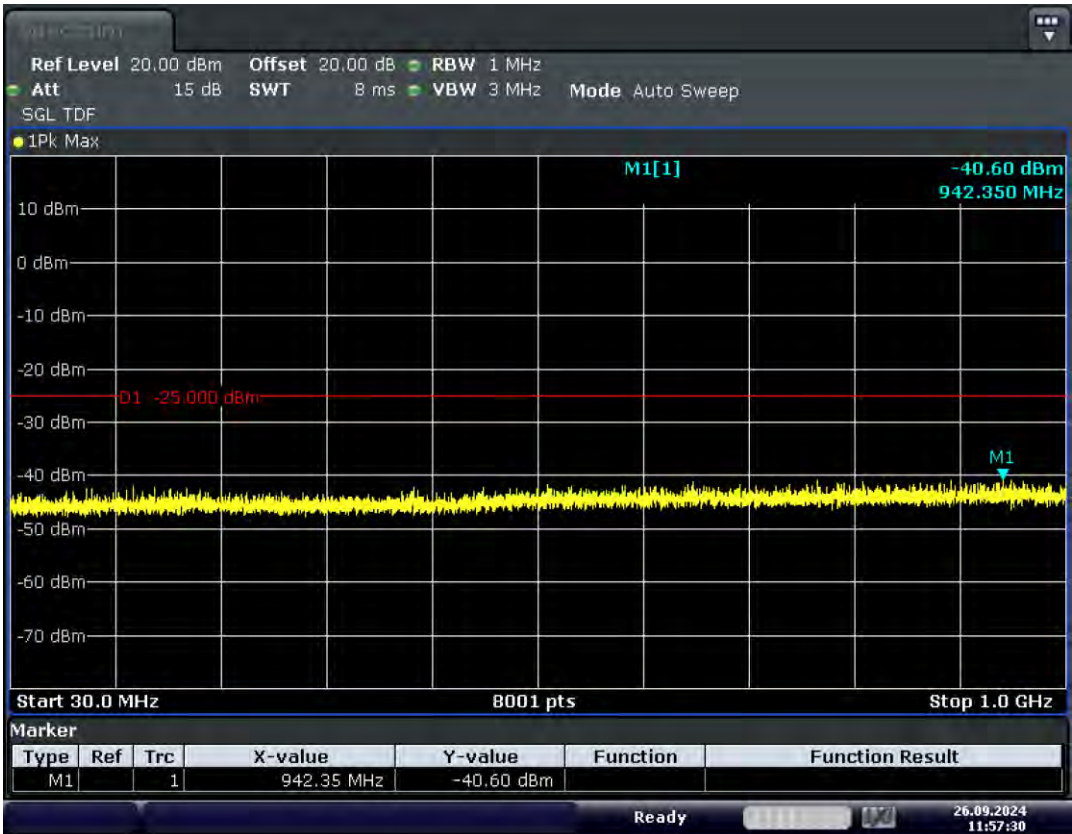
OB7-5-2502.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



OB7-5-2502.5-QPSK-25#LOW@13.6GHz-26.5GHz@Pass



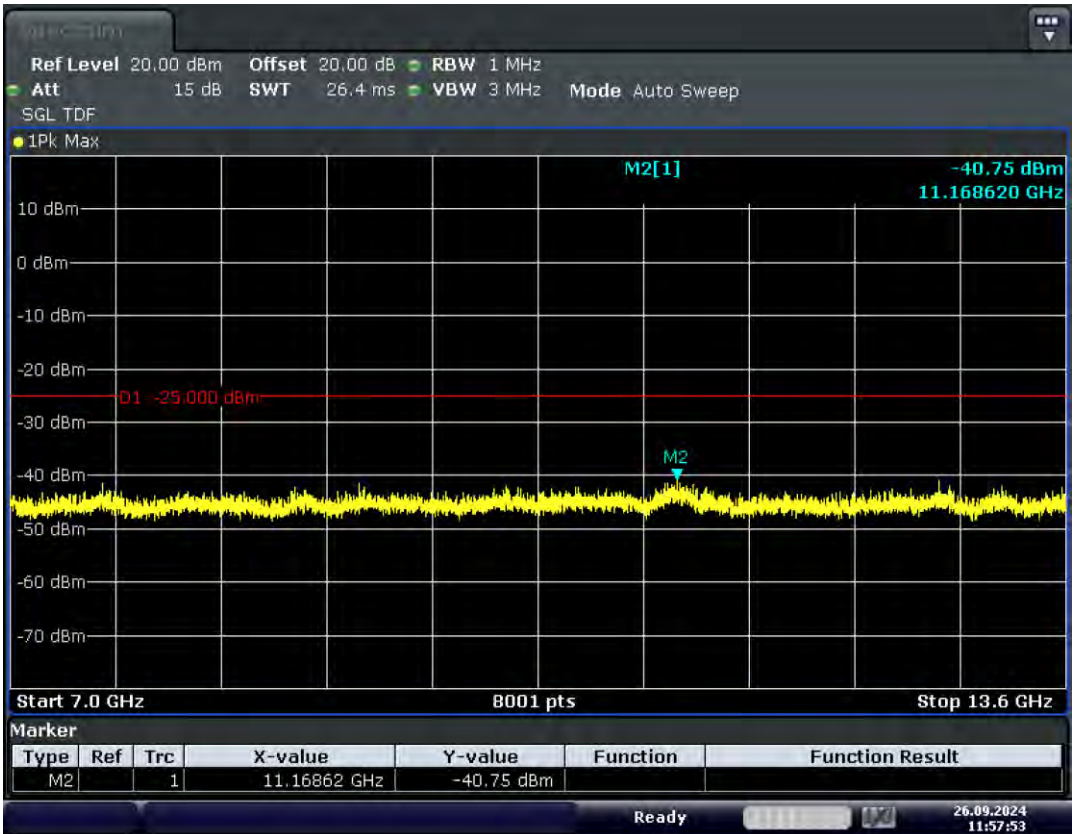
OB7-5-2535-QPSK-25#LOW@30mHz-1GHz@Pass



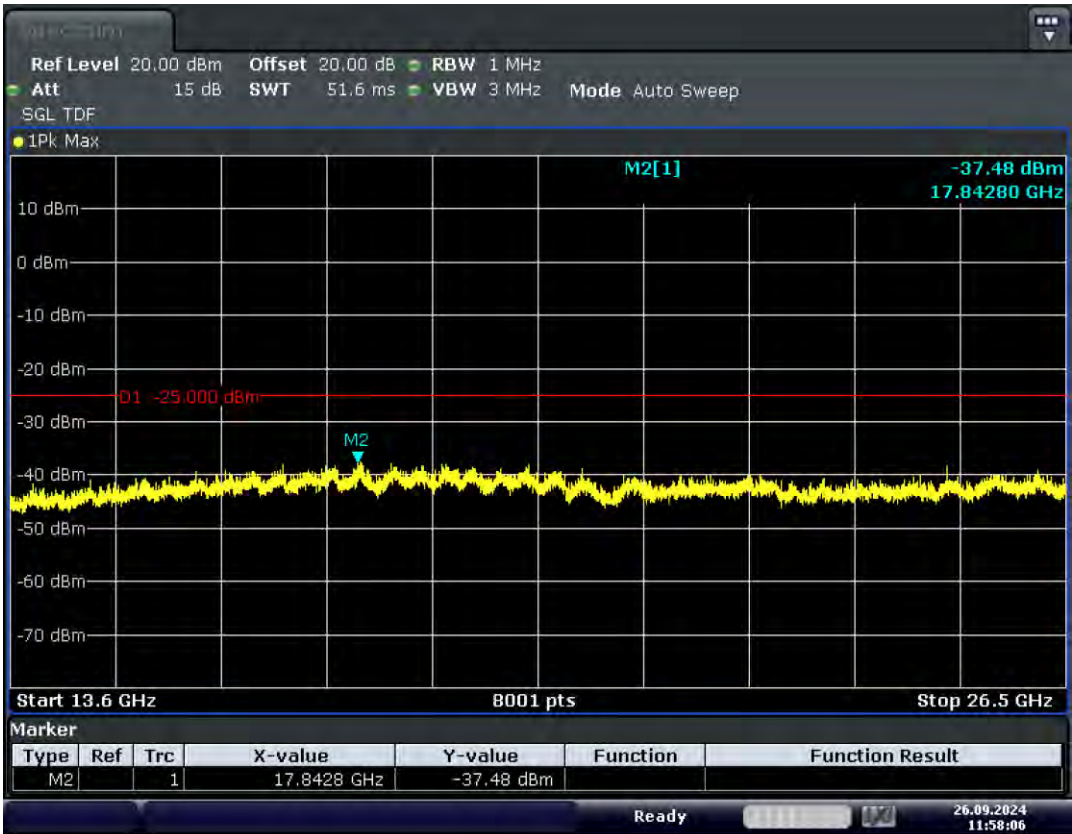
OB7-5-2535-QPSK-25#LOW@1GHz-7GHz@Pass



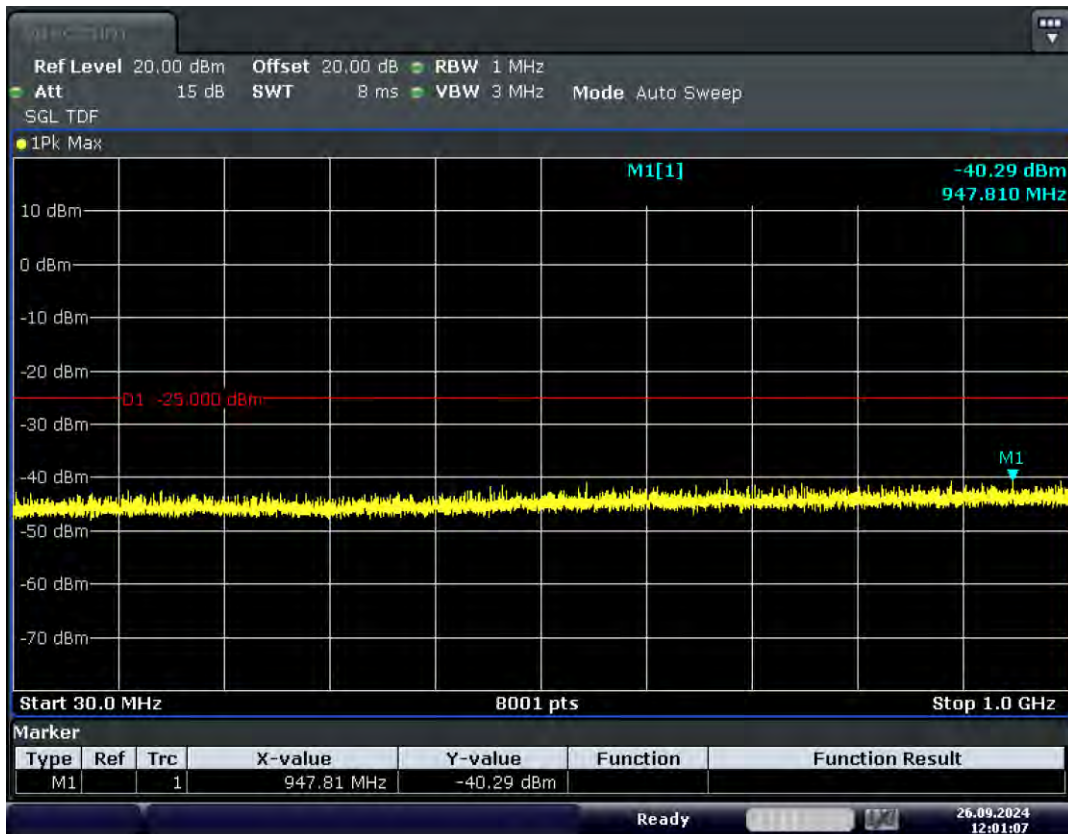
OB7-5-2535-QPSK-25#LOW@7GHz-13.6GHz@Pass



OB7-5-2535-QPSK-25#LOW@13.6GHz-26.5GHz@Pass



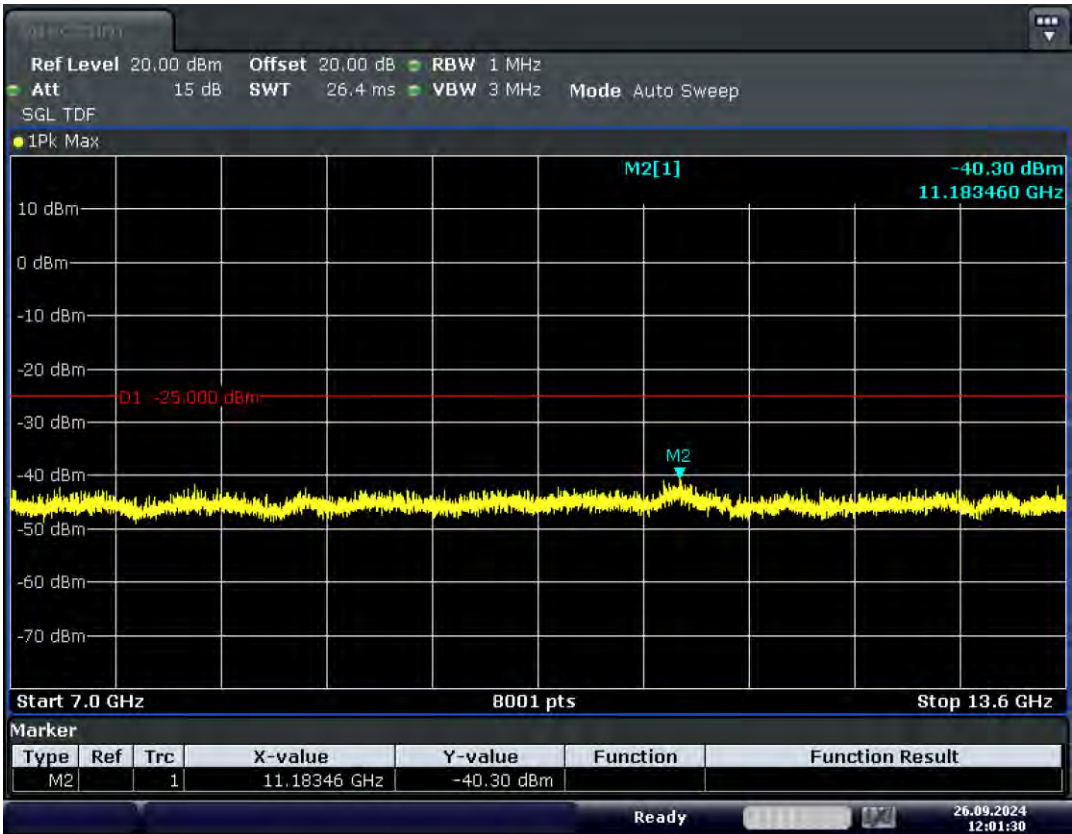
OB7-5-2567.5-QPSK-25#LOW@30mHz-1GHz@Pass



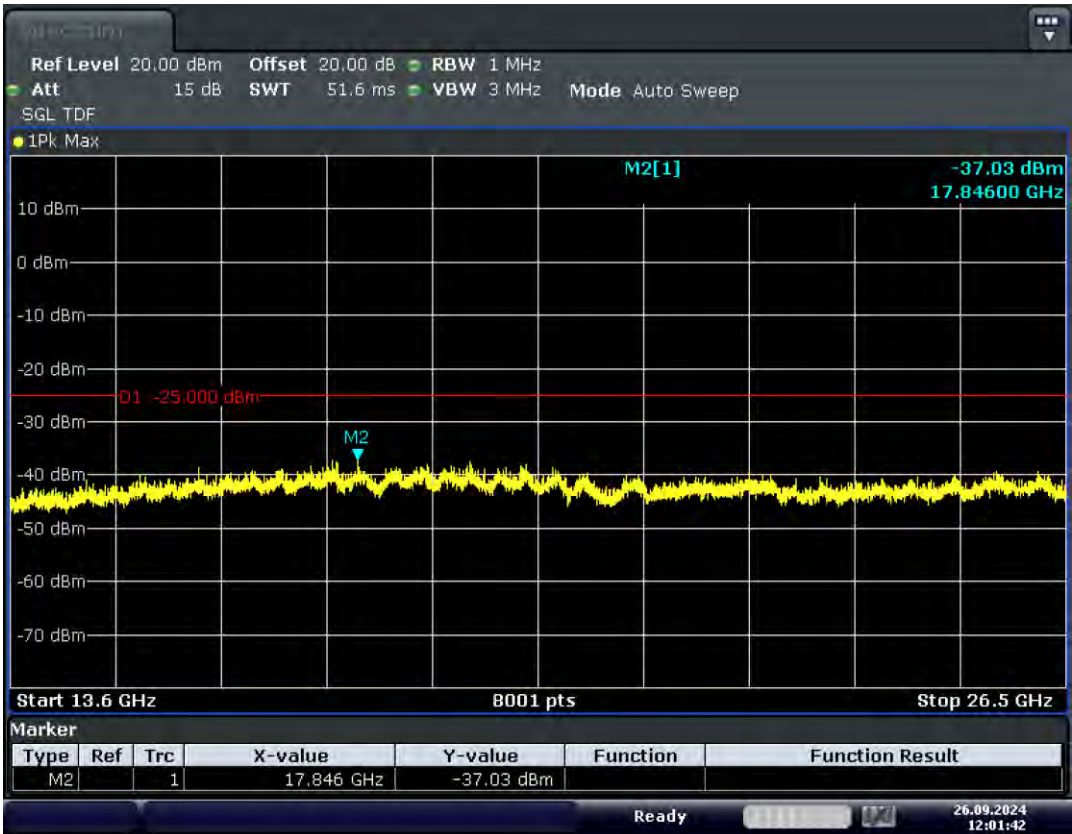
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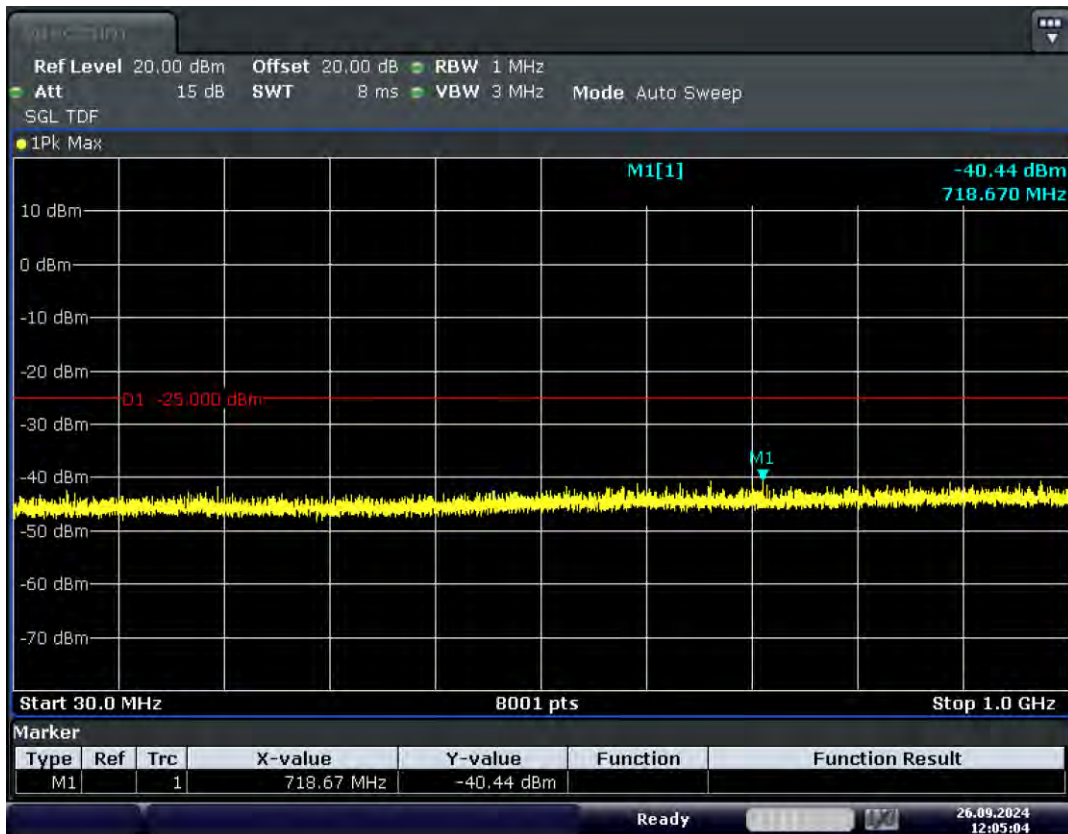
OB7-5-2567.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



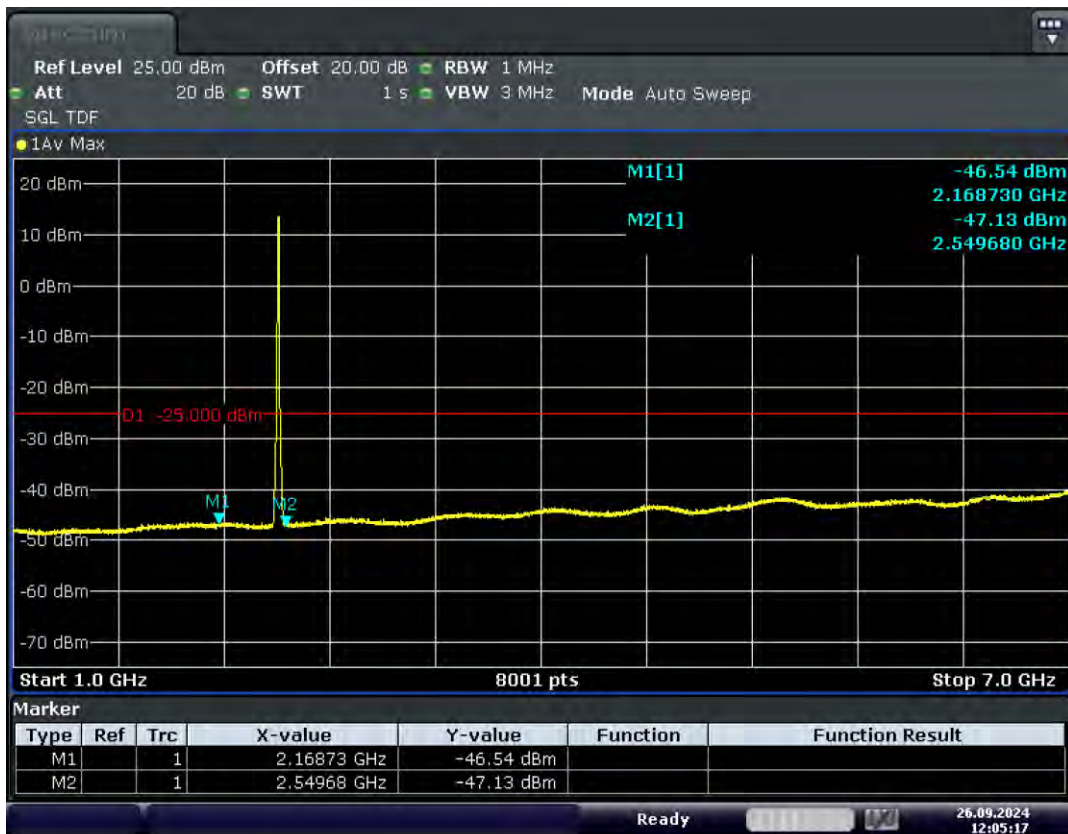
OB7-5-2567.5-QPSK-25#LOW@13.6GHz-26.5GHz@Pass



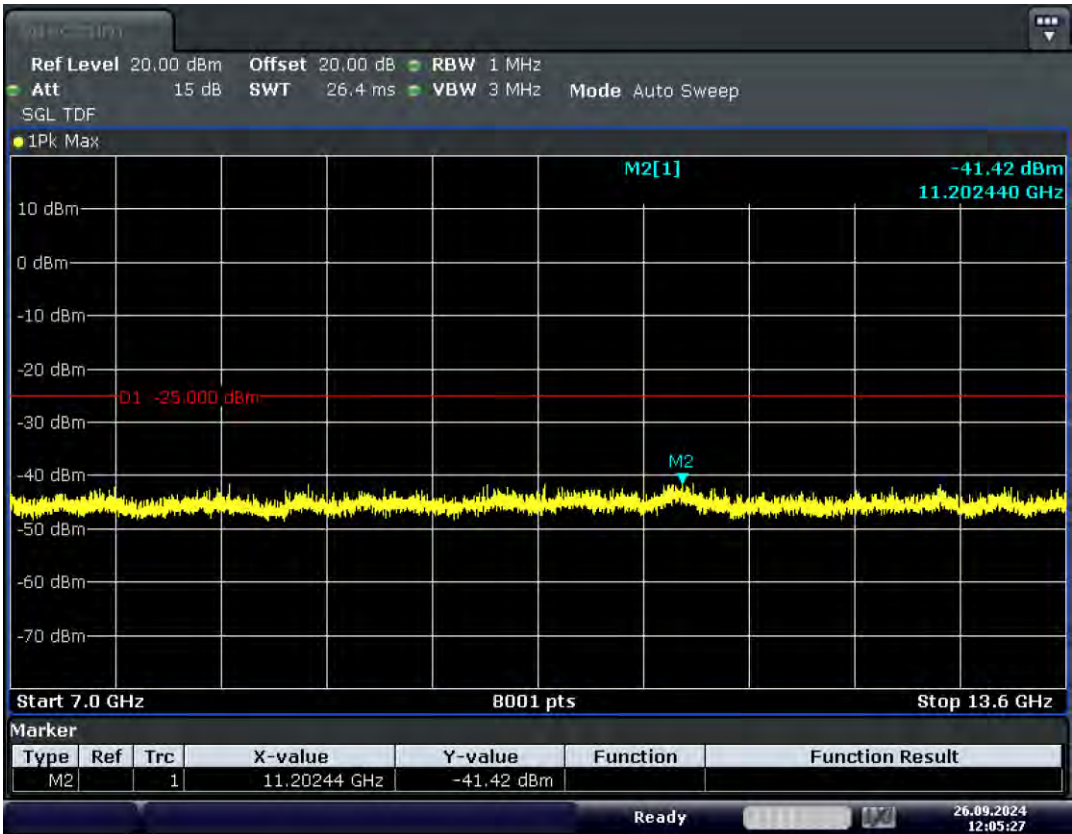
OB7-10-2505-QPSK-50#LOW@30mHz-1GHz@Pass



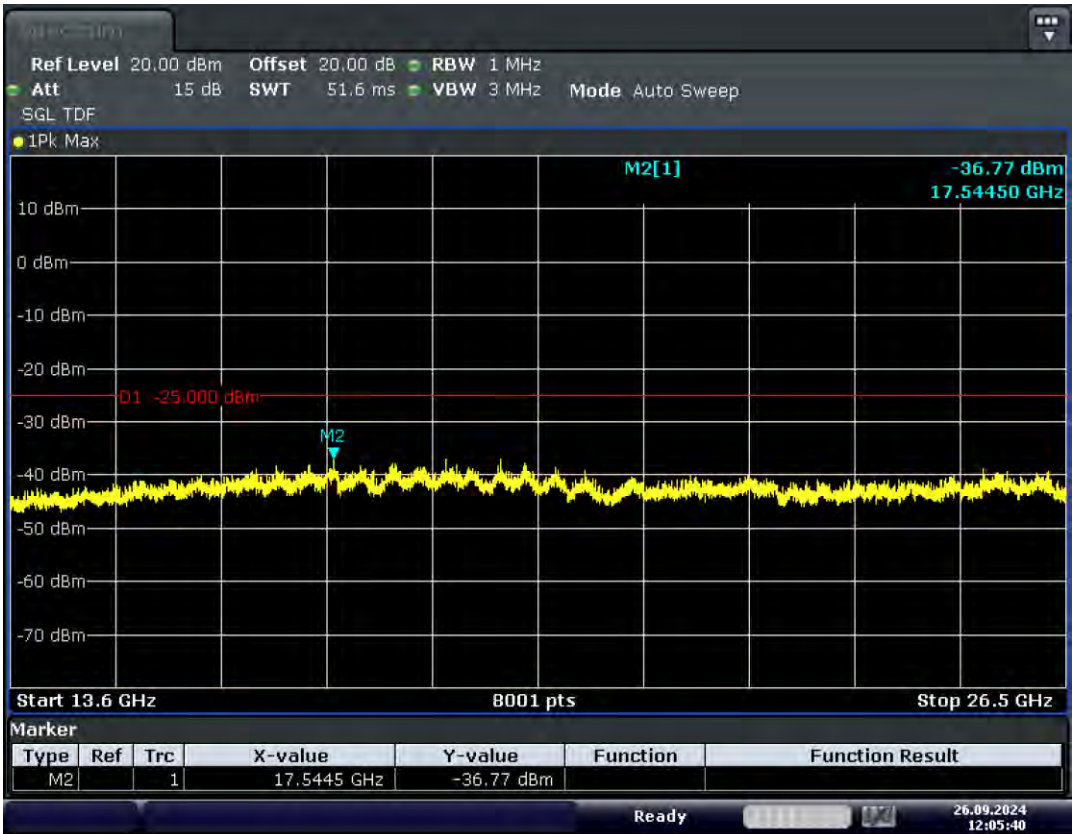
OB7-10-2505-QPSK-50#LOW@1GHz-7GHz@Pass



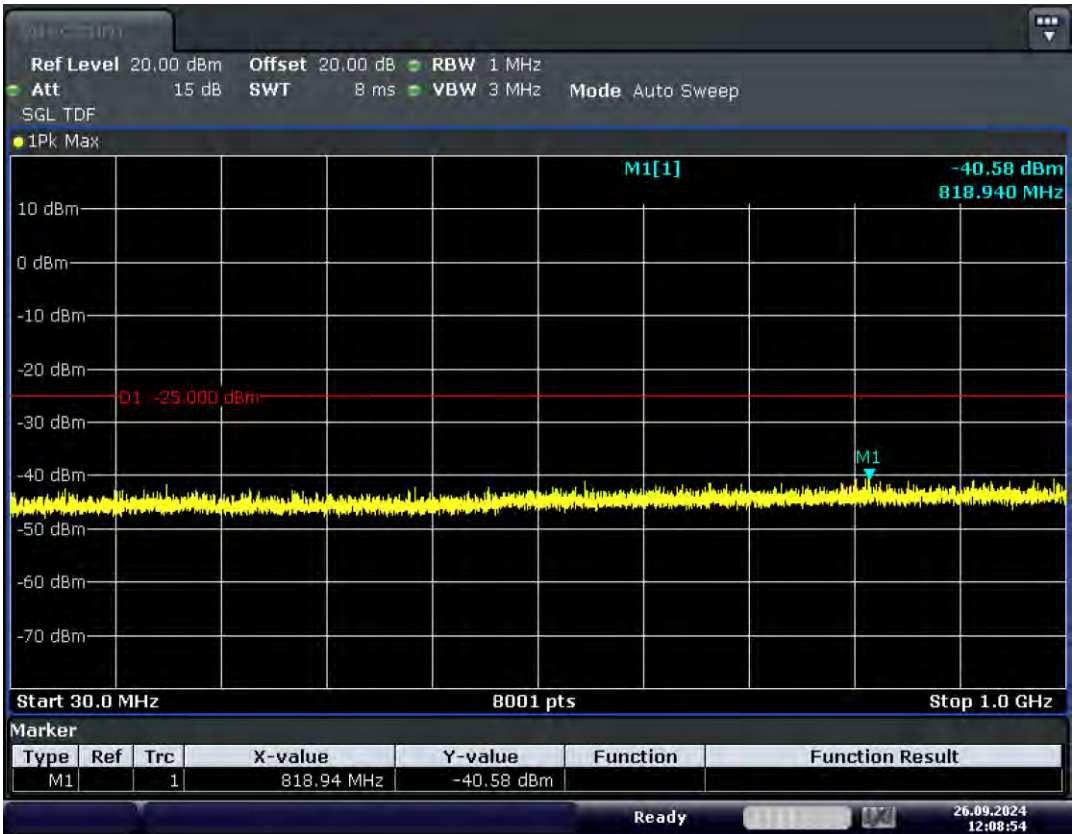
OB7-10-2505-QPSK-50#LOW@7GHz-13.6GHz@Pass



OB7-10-2505-QPSK-50#LOW@13.6GHz-26.5GHz@Pass



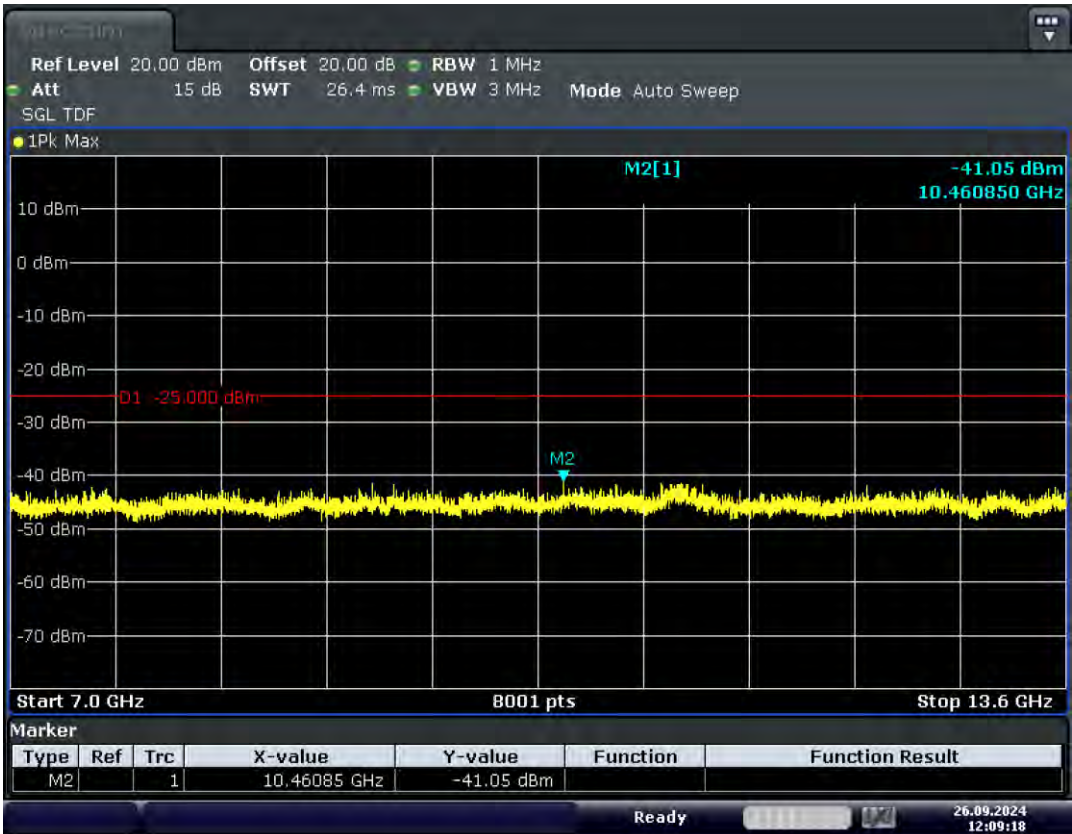
OB7-10-2535-QPSK-50#LOW@30mHz-1GHz@Pass



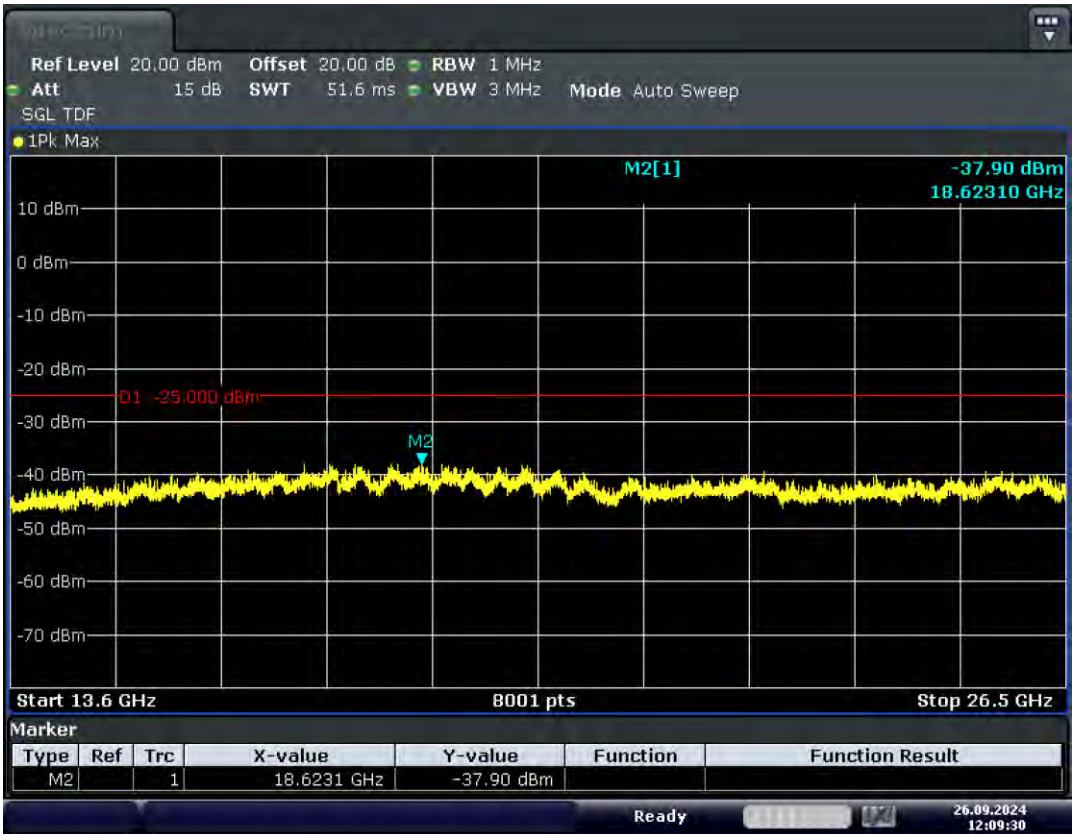
OB7-10-2535-QPSK-50#LOW@1GHz-7GHz@Pass



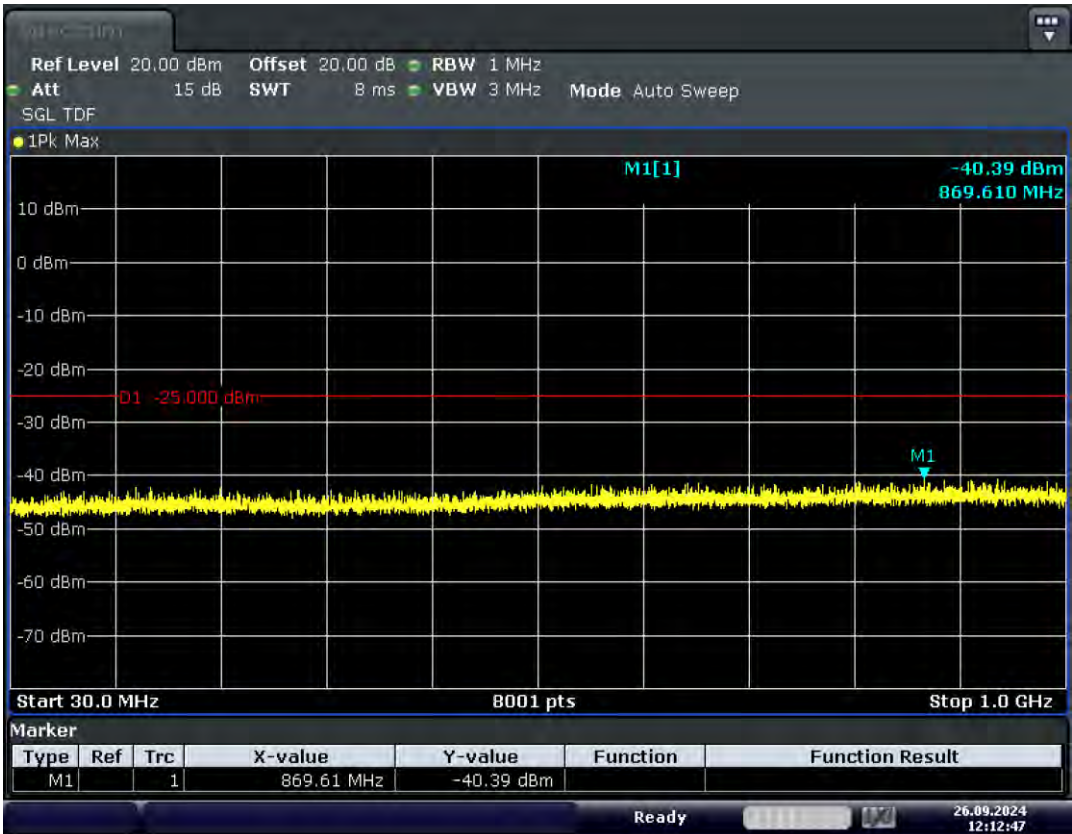
OB7-10-2535-QPSK-50#LOW@7GHz-13.6GHz@Pass



OB7-10-2535-QPSK-50#LOW@13.6GHz-26.5GHz@Pass



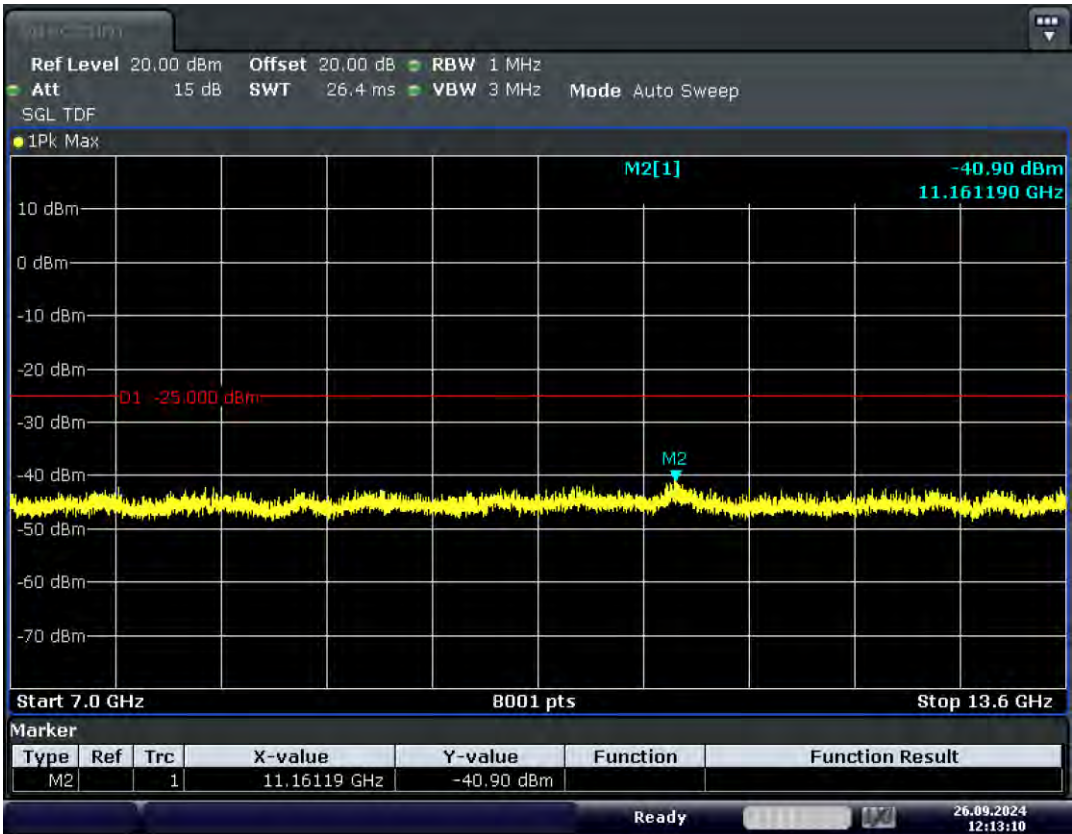
OB7-10-2565-QPSK-50#LOW@30mHz-1GHz@Pass



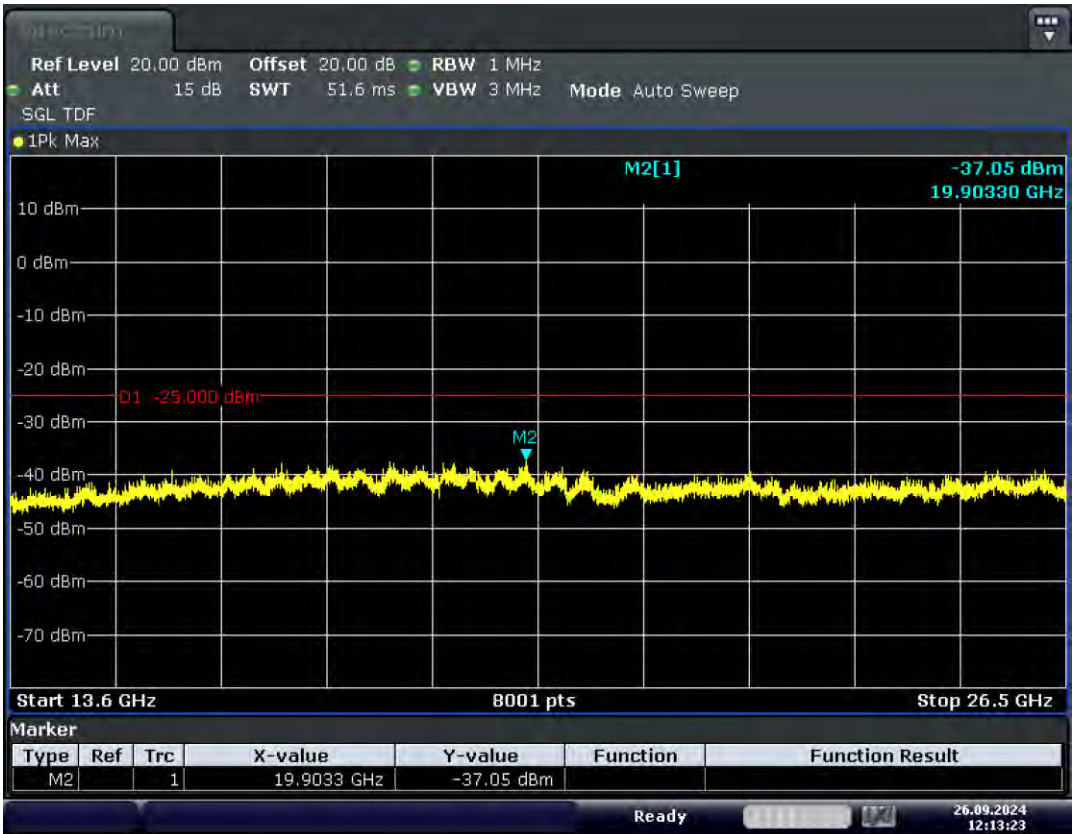
OB7-10-2565-QPSK-50#LOW@1GHz-7GHz@Pass



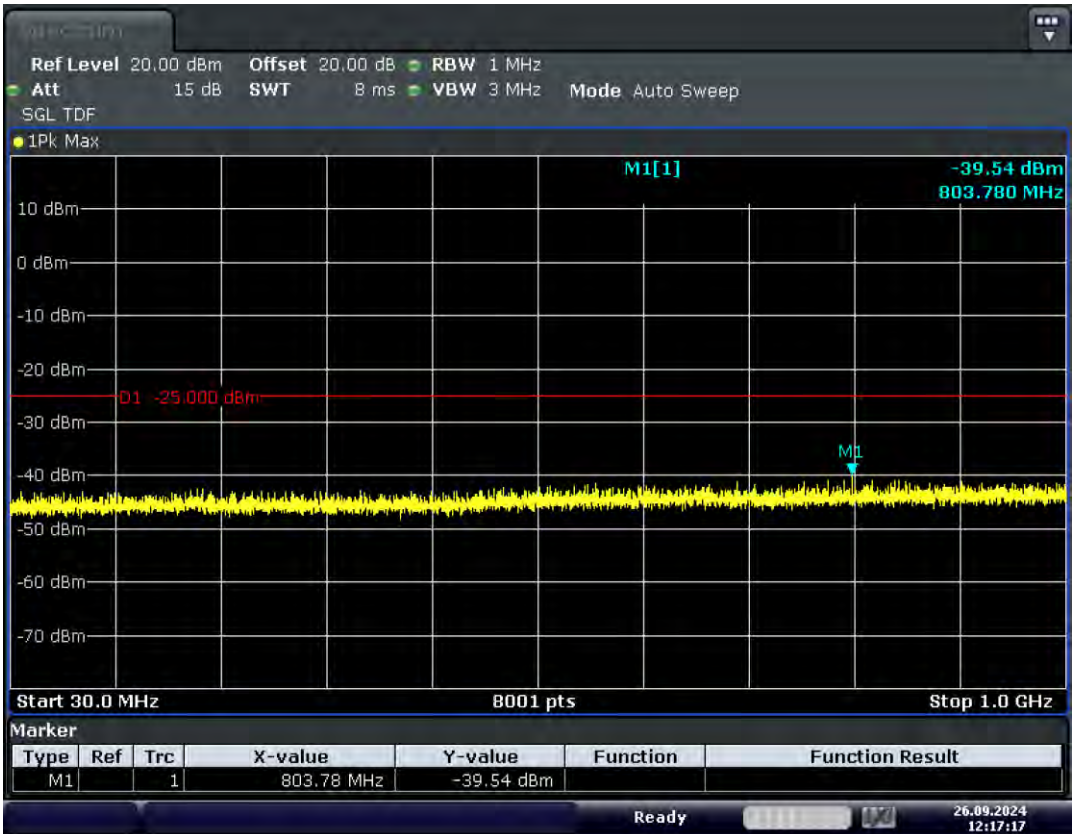
OB7-10-2565-QPSK-50#LOW@7GHz-13.6GHz@Pass



OB7-10-2565-QPSK-50#LOW@13.6GHz-26.5GHz@Pass



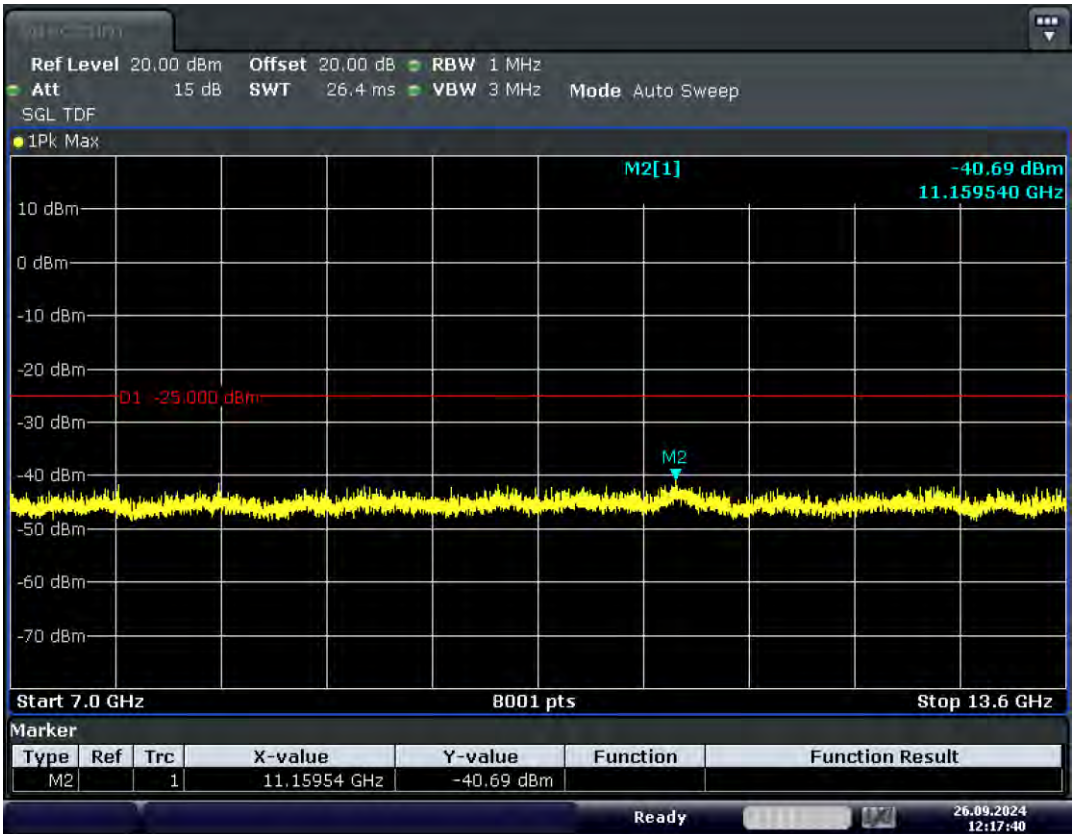
OB7-15-2507.5-QPSK-75#LOW@30mHz-1GHz@Pass



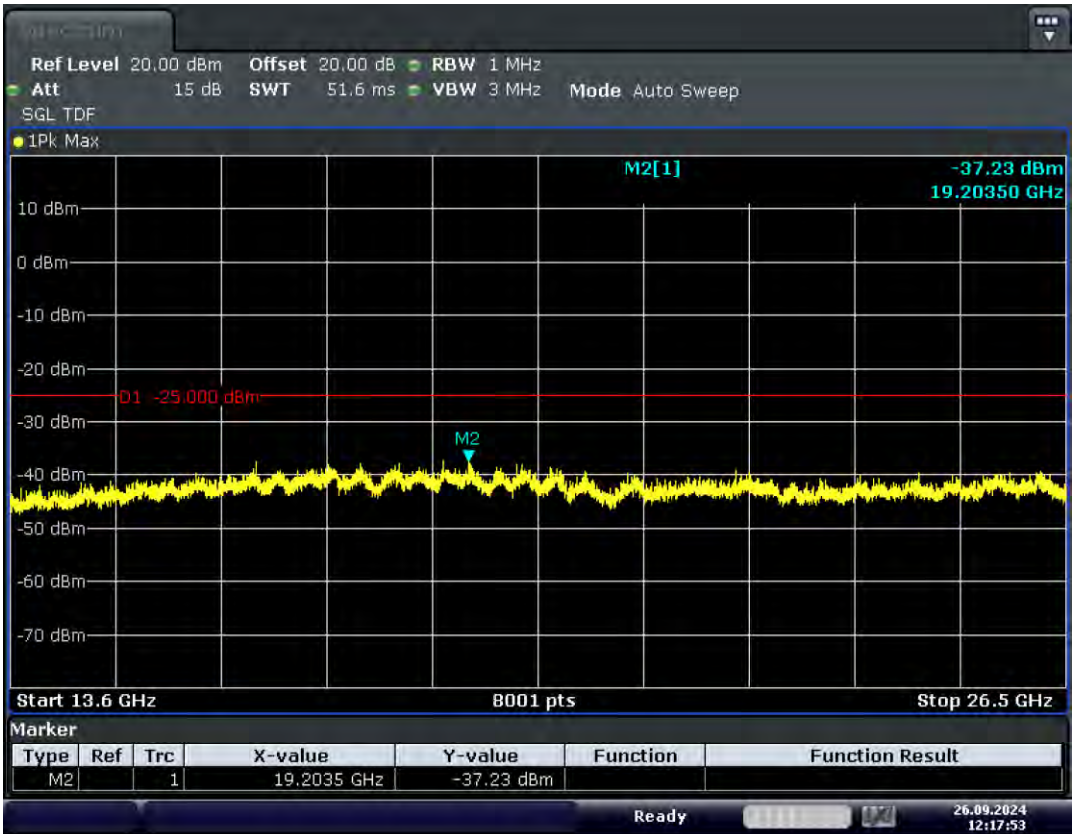
OB7-15-2507.5-QPSK-75#LOW@1GHz-7GHz@Pass



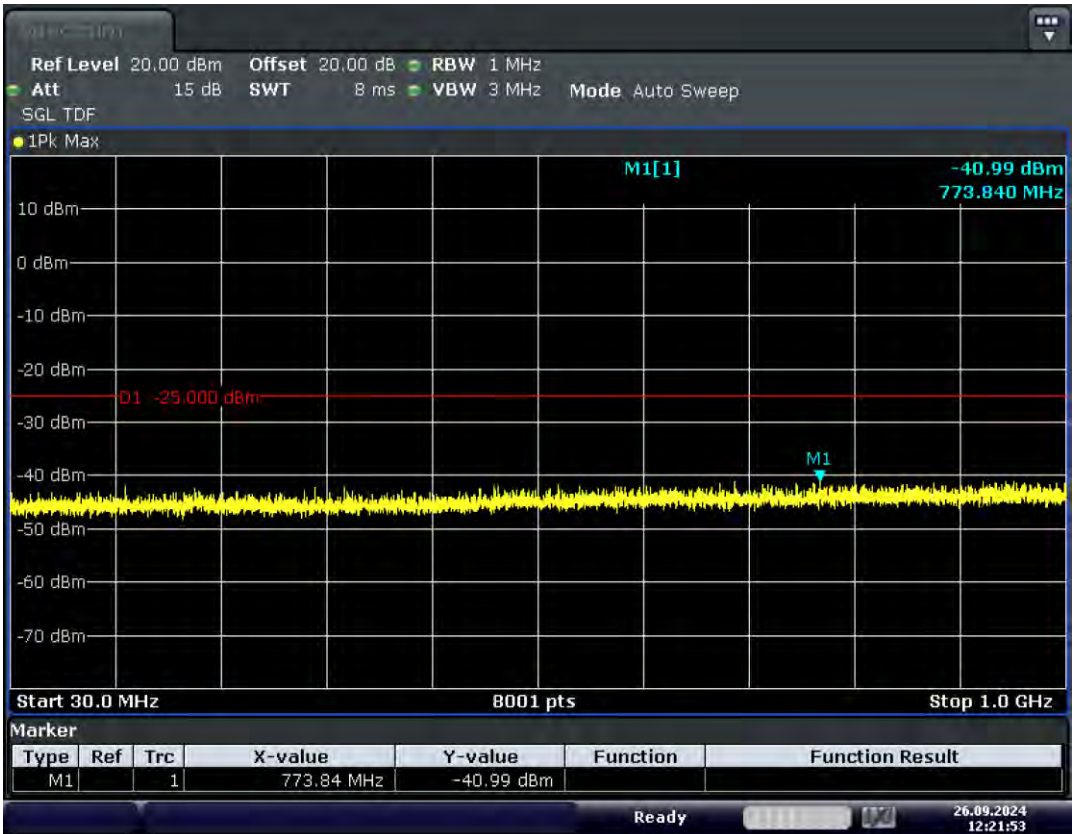
OB7-15-2507.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



OB7-15-2507.5-QPSK-75#LOW@13.6GHz-26.5GHz@Pass



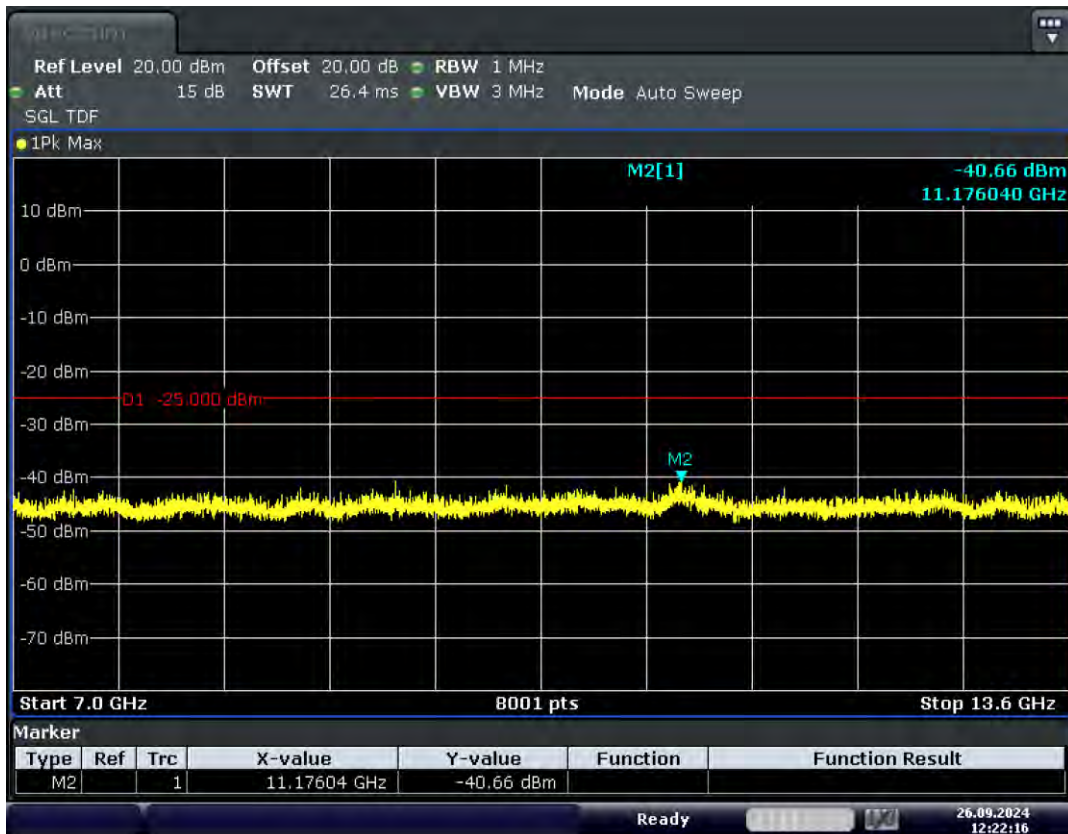
OB7-15-2535-QPSK-75#LOW@30mHz-1GHz@Pass



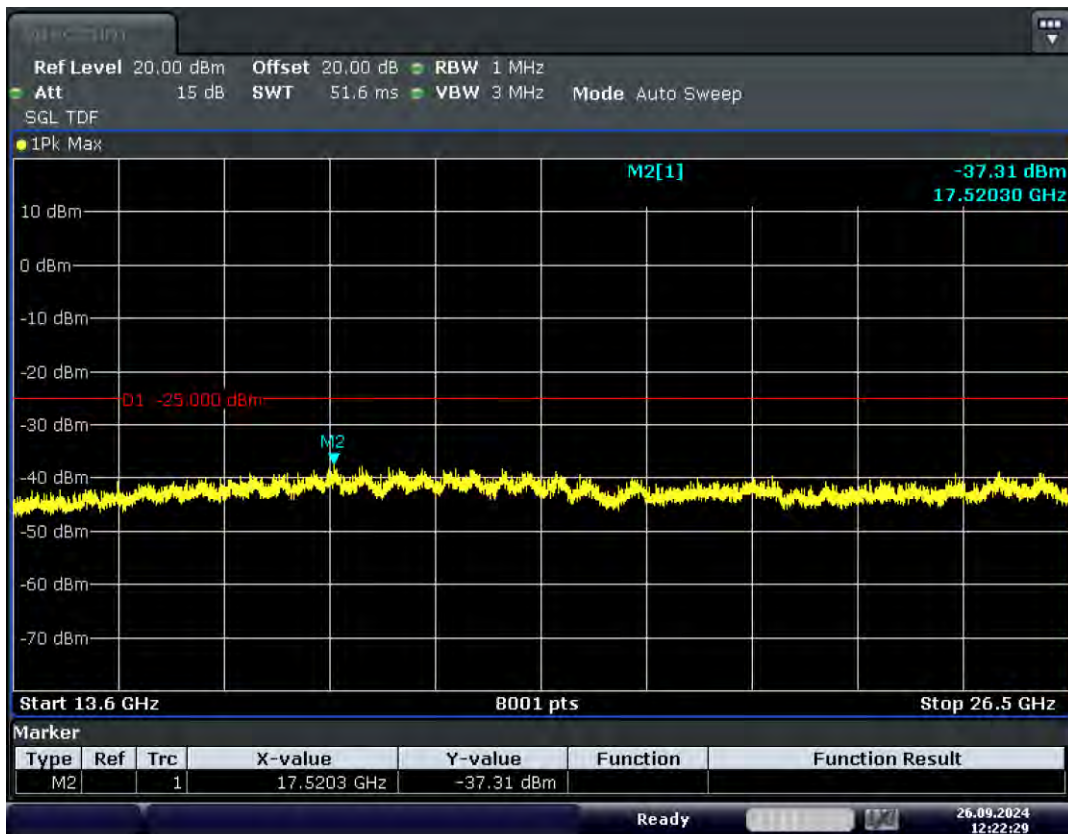
OB7-15-2535-QPSK-75#LOW@1GHz-7GHz@Pass



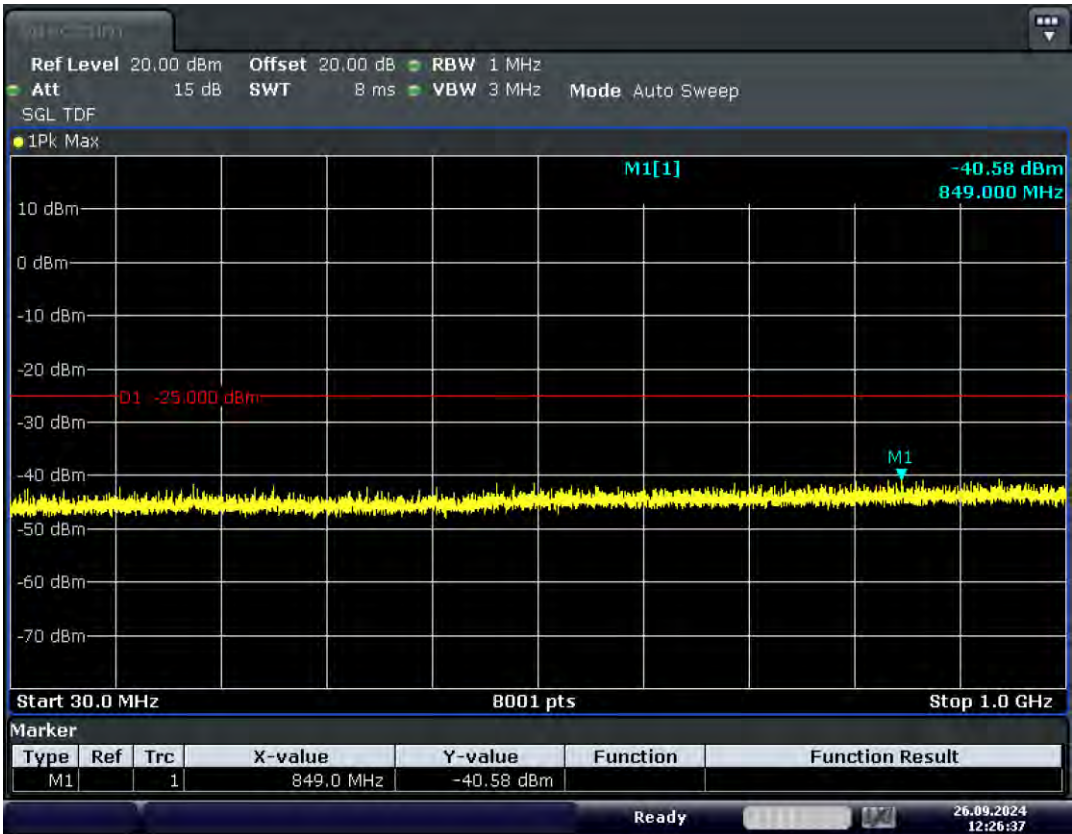
OB7-15-2535-QPSK-75#LOW@7GHz-13.6GHz@Pass



OB7-15-2535-QPSK-75#LOW@13.6GHz-26.5GHz@Pass



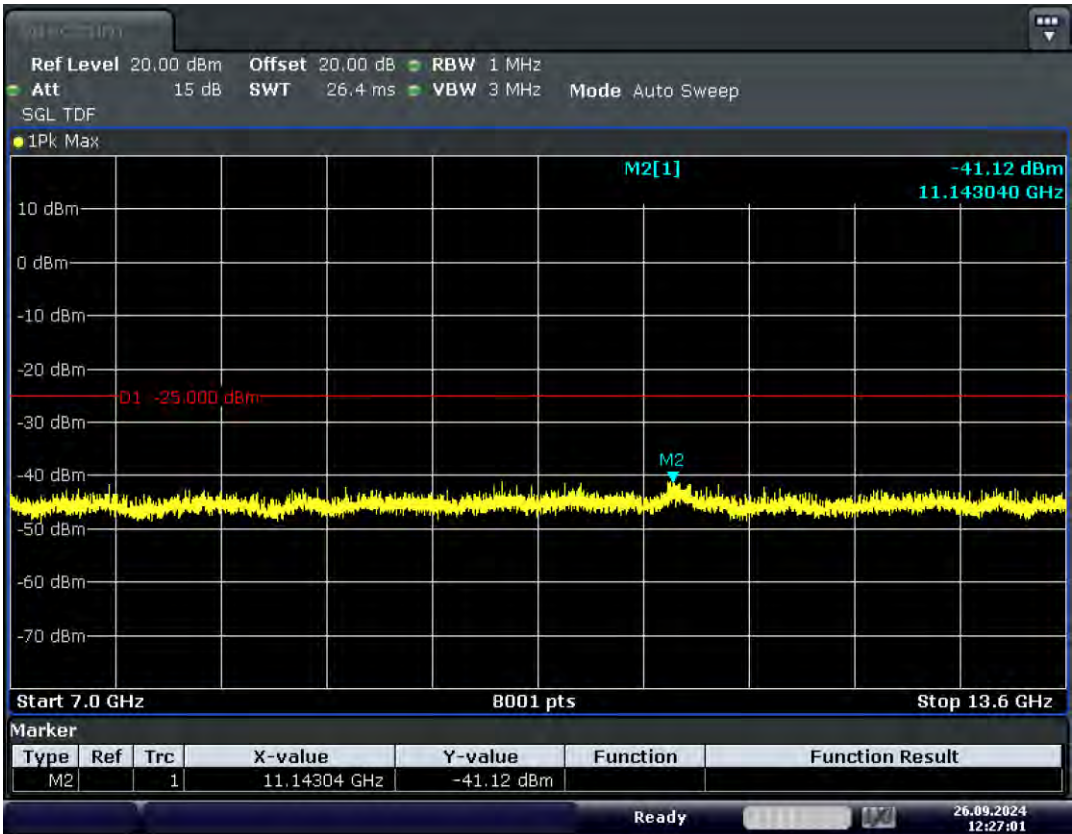
OB7-15-2562.5-QPSK-75#LOW@30mHz-1GHz@Pass



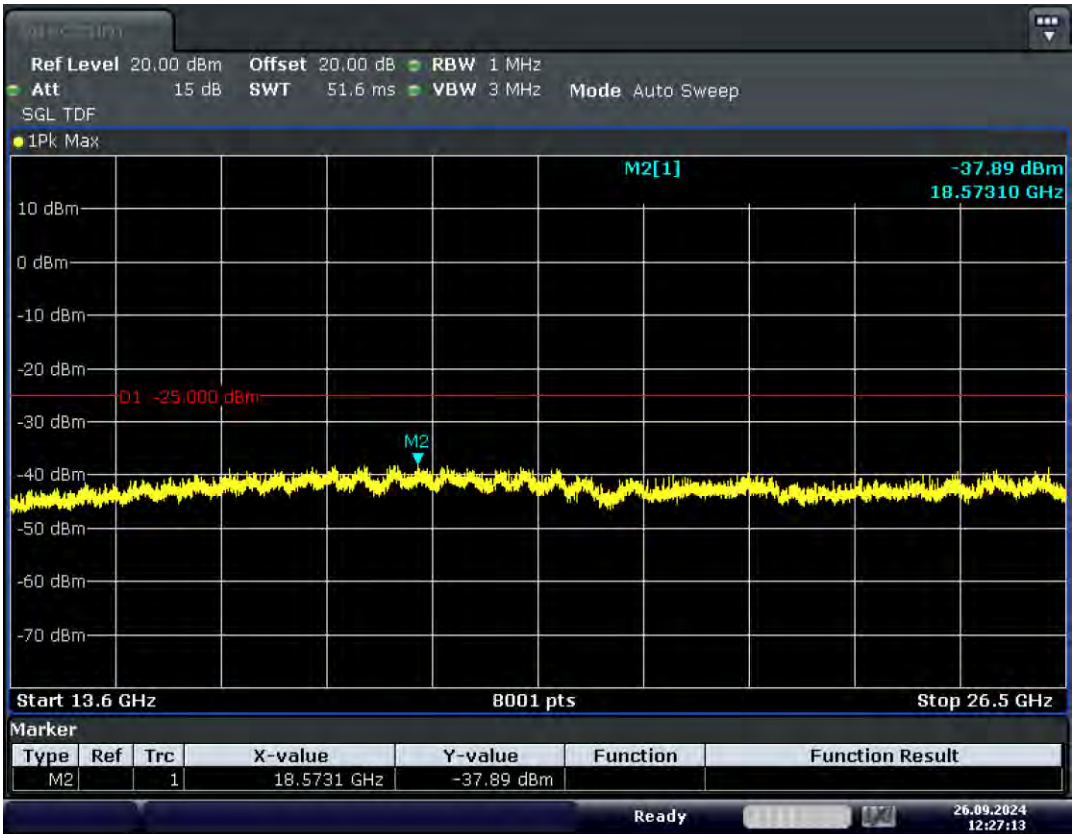
OB7-15-2562.5-QPSK-75#LOW@1GHz-7GHz@Pass



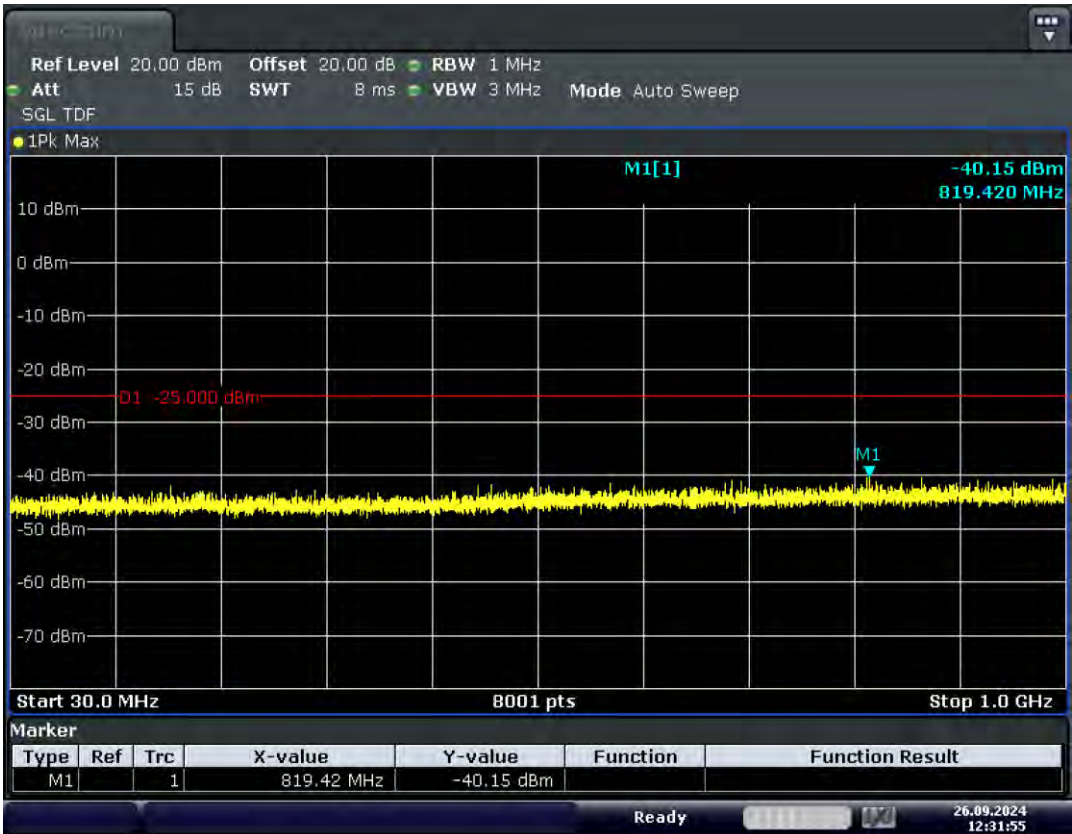
OB7-15-2562.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



OB7-15-2562.5-QPSK-75#LOW@13.6GHz-26.5GHz@Pass



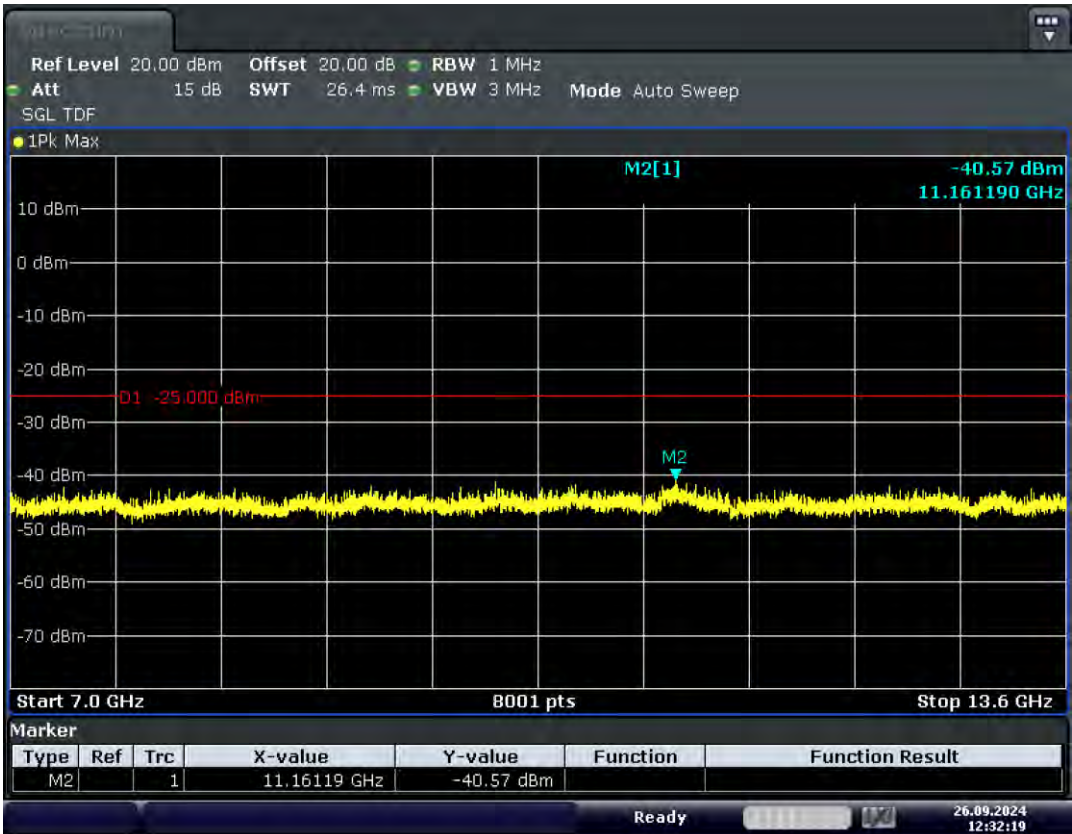
OB7-20-2510-QPSK-100#LOW@30mHz-1GHz@Pass



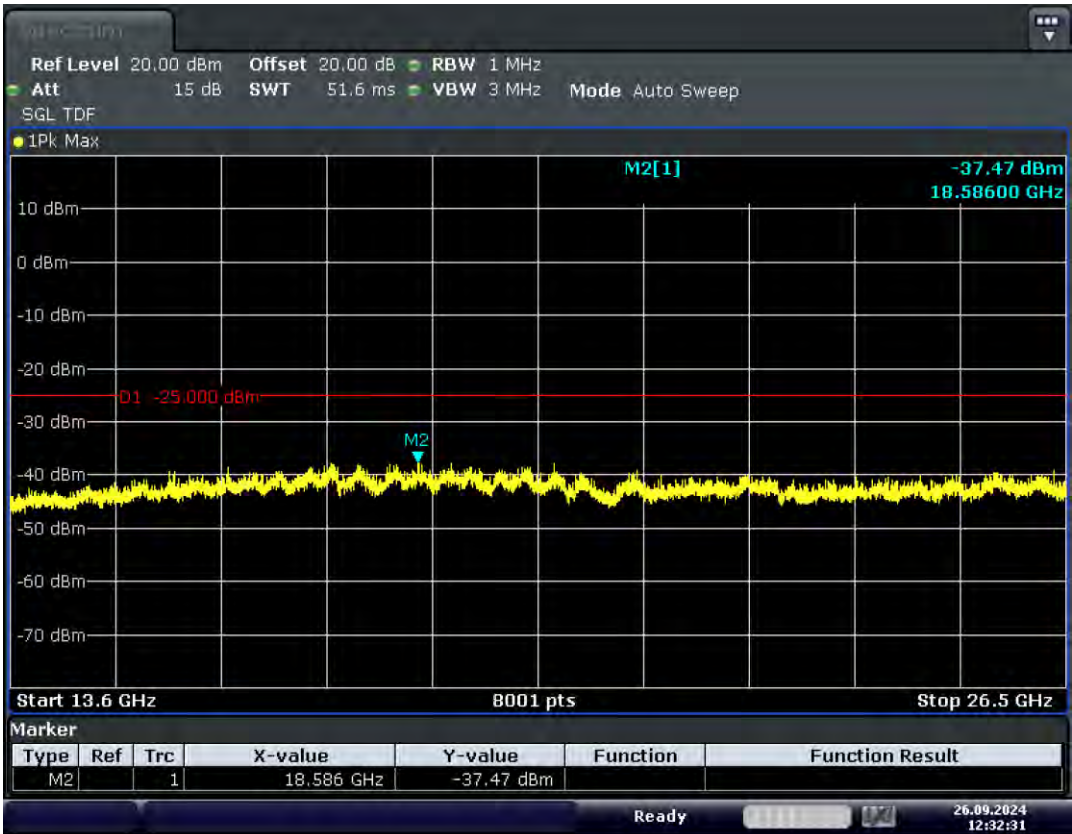
OB7-20-2510-QPSK-100#LOW@1GHz-7GHz@Pass



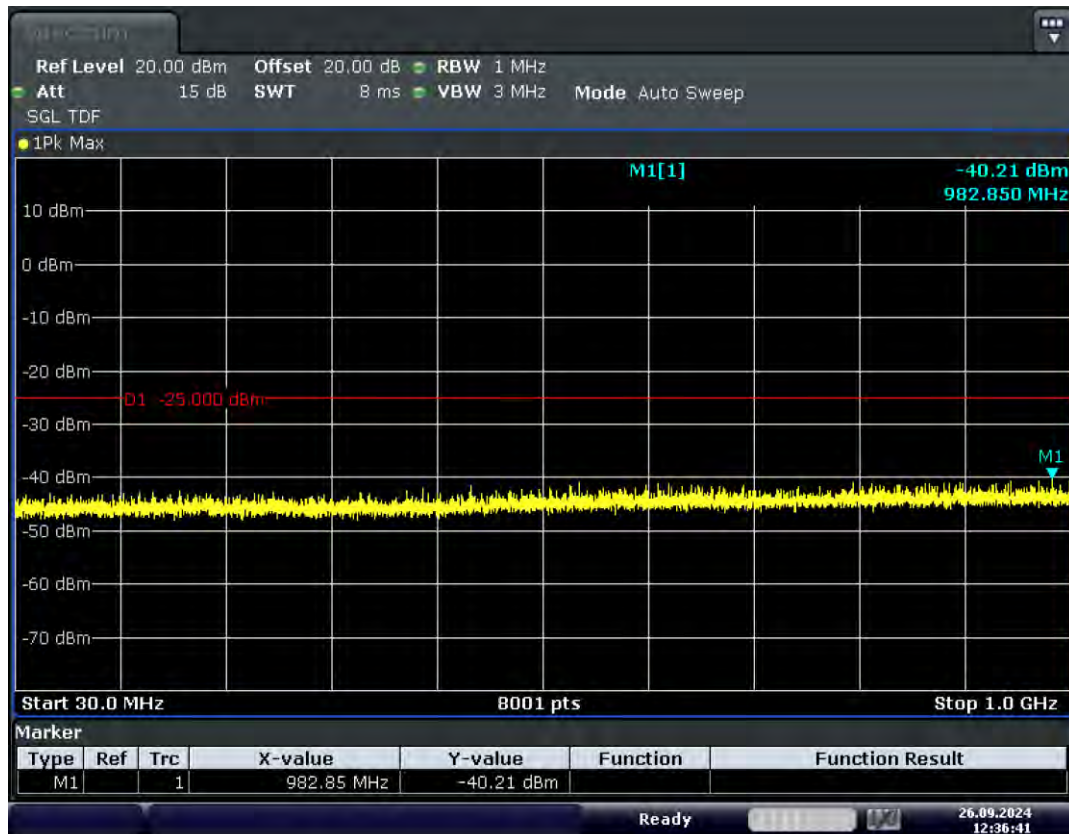
OB7-20-2510-QPSK-100#LOW@7GHz-13.6GHz@Pass



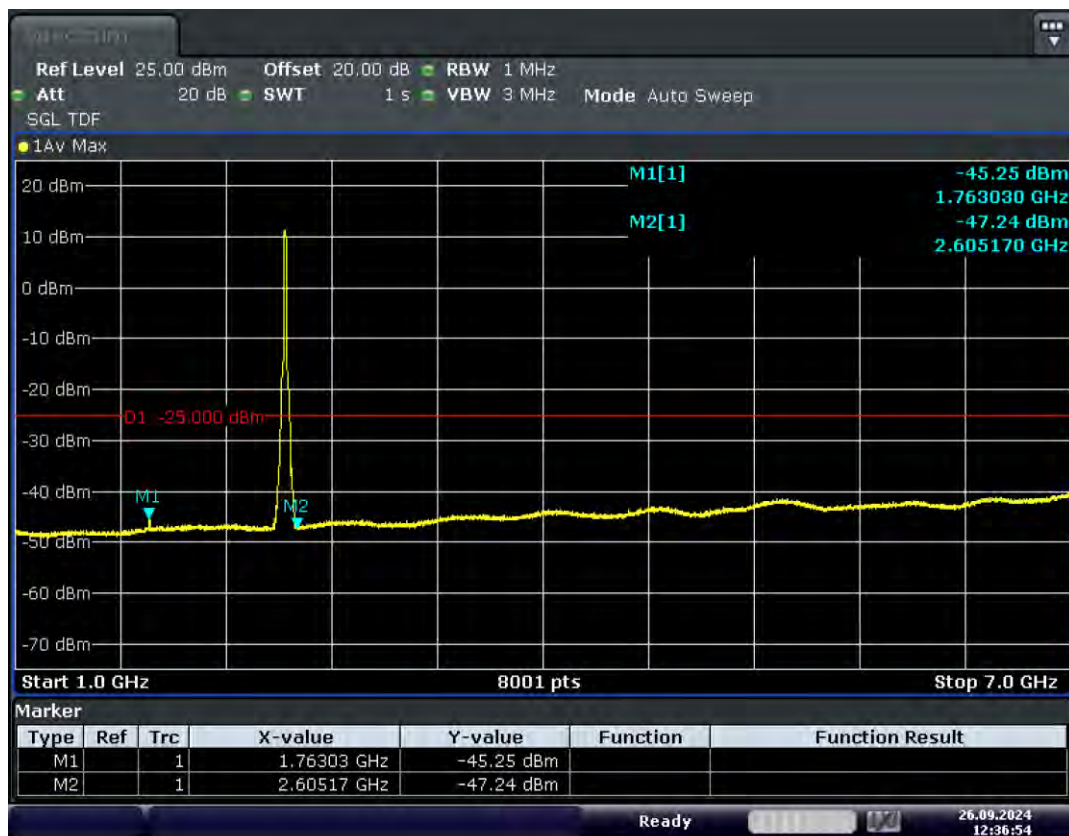
OB7-20-2510-QPSK-100#LOW@13.6GHz-26.5GHz@Pass



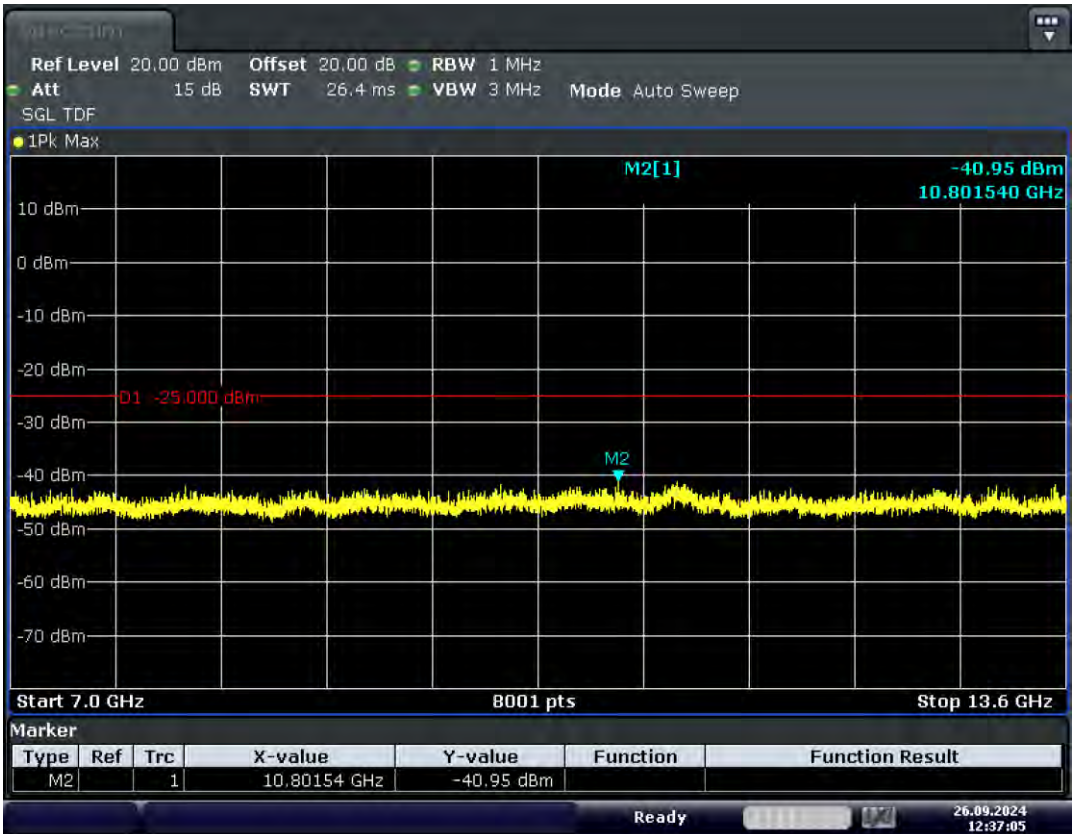
OB7-20-2535-QPSK-100#LOW@30mHz-1GHz@Pass



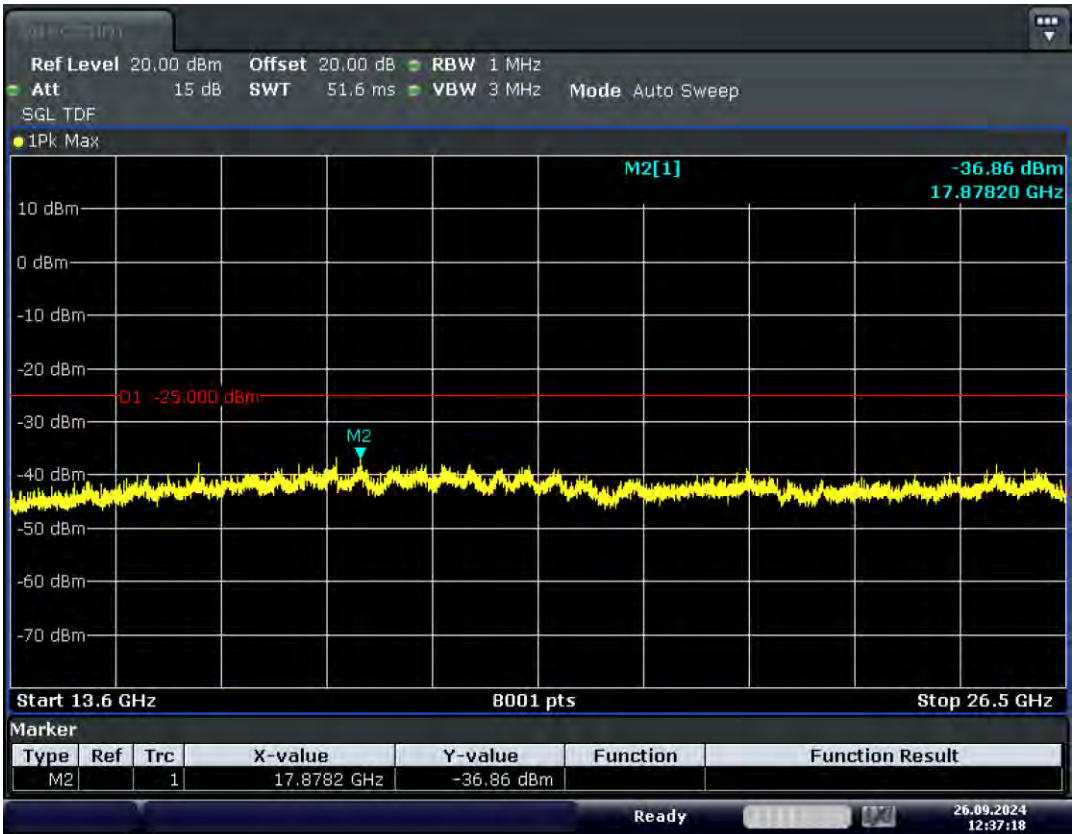
OB7-20-2535-QPSK-100#LOW@1GHz-7GHz@Pass



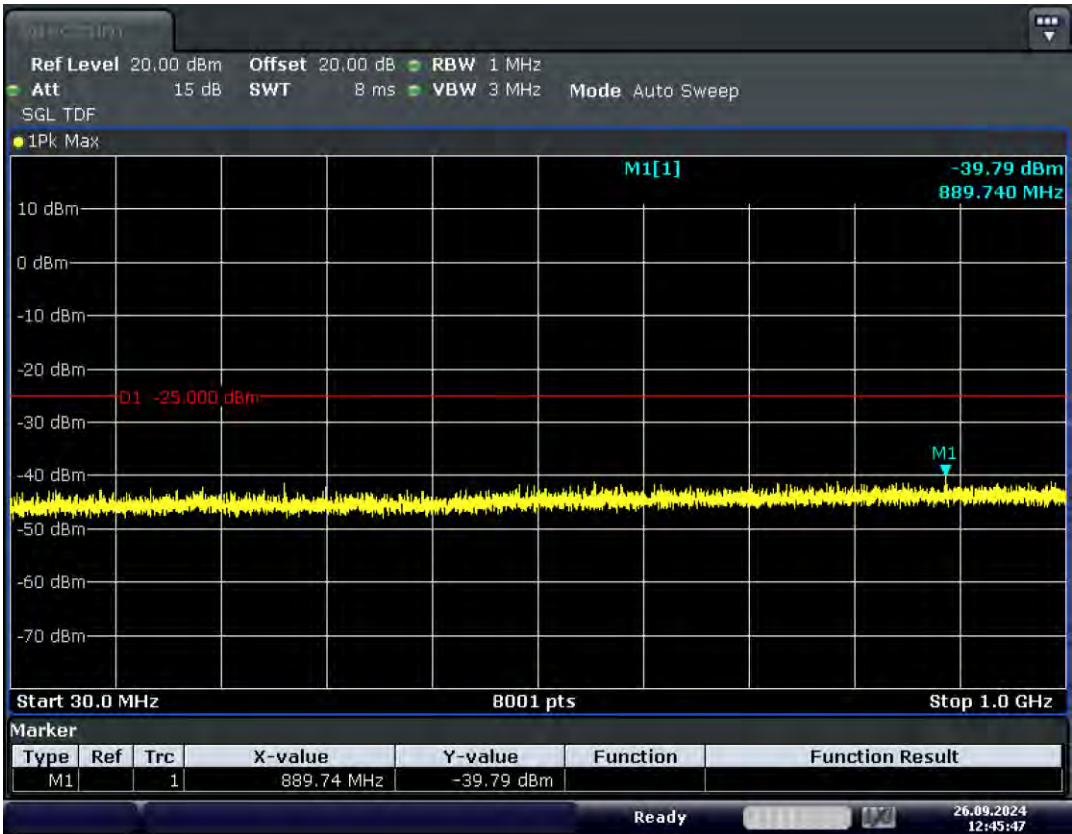
OB7-20-2535-QPSK-100#LOW@7GHz-13.6GHz@Pass



OB7-20-2535-QPSK-100#LOW@13.6GHz-26.5GHz@Pass



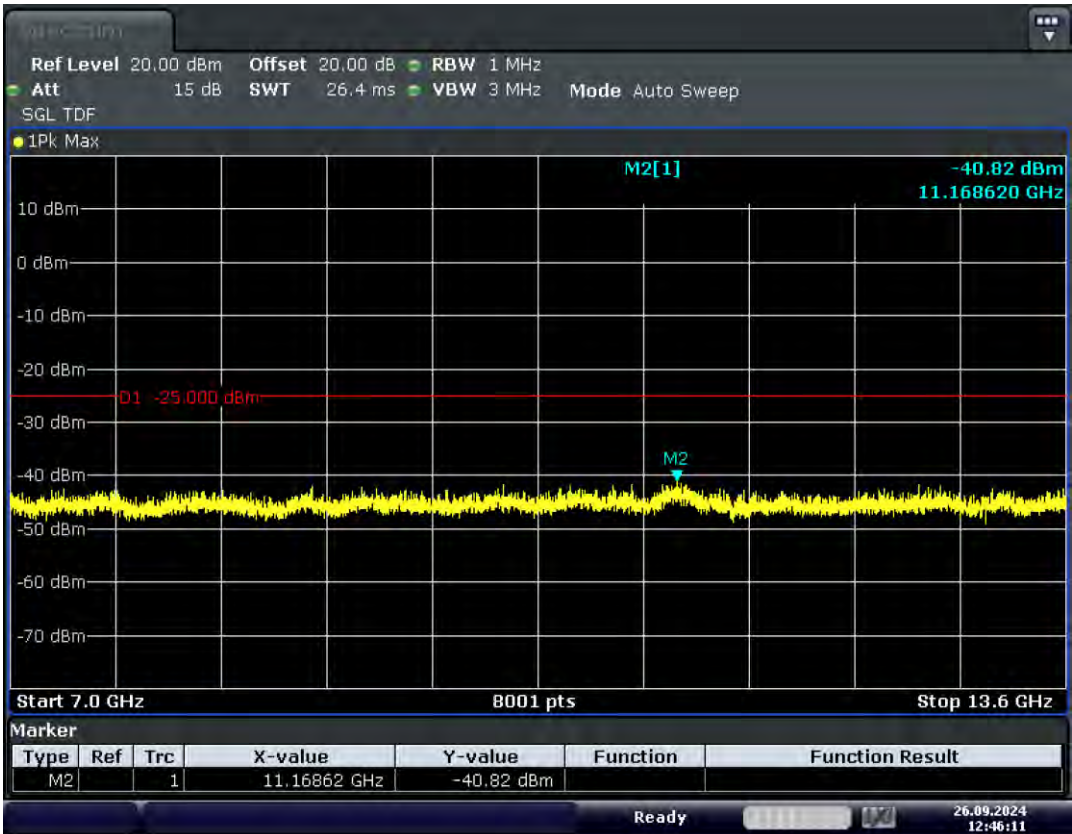
OB7-20-2560-QPSK-100#LOW@30mHz-1GHz@Pass



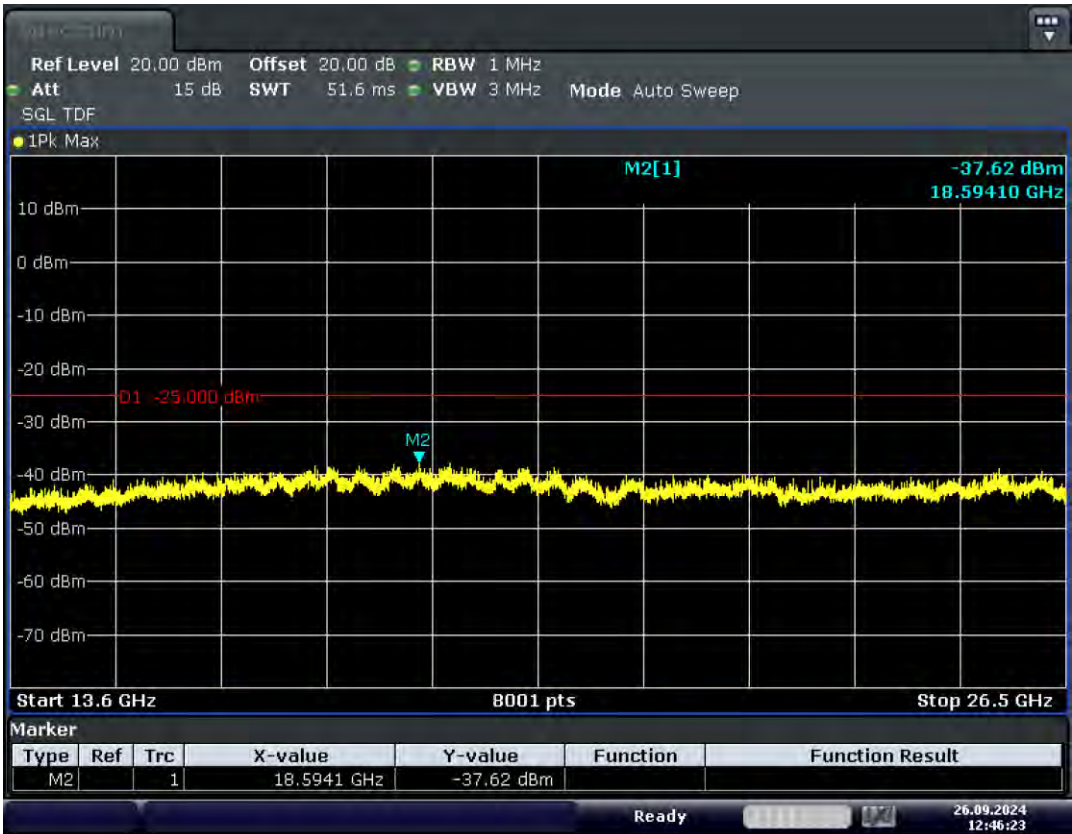
OB7-20-2560-QPSK-100#LOW@1GHz-7GHz@Pass



OB7-20-2560-QPSK-100#LOW@7GHz-13.6GHz@Pass



OB7-20-2560-QPSK-100#LOW@13.6GHz-26.5GHz@Pass



Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(MHz)	Emission Bandwidth(MHz)	Limit
Band7	5	2502.5	QPSK	25	LOW	4.583	5.02	No limit
Band7	5	2502.5	16QAM	25	LOW	4.613	5.06	No limit
Band7	5	2535	QPSK	25	LOW	4.588	5.075	No limit
Band7	5	2535	16QAM	25	LOW	4.588	5.395	No limit
Band7	5	2567.5	QPSK	25	LOW	4.583	5.15	No limit
Band7	5	2567.5	16QAM	25	LOW	4.588	5.08	No limit
Band7	10	2505	QPSK	50	LOW	9.195	10.28	No limit
Band7	10	2505	16QAM	27	LOW	5.257	6.1	No limit
Band7	10	2535	QPSK	50	LOW	9.245	12.38	No limit
Band7	10	2535	16QAM	27	LOW	5.327	10.09	No limit
Band7	10	2565	QPSK	50	LOW	9.135	10.19	No limit
Band7	10	2565	16QAM	27	LOW	5.247	6.2	No limit
Band7	15	2507.5	QPSK	75	LOW	13.598	14.715	No limit
Band7	15	2507.5	16QAM	27	LOW	5.247	6.3	No limit
Band7	15	2535	QPSK	75	LOW	13.673	20.37	No limit
Band7	15	2535	16QAM	27	LOW	5.352	9.225	No limit
Band7	15	2562.5	QPSK	75	LOW	13.508	14.7	No limit
Band7	15	2562.5	16QAM	27	LOW	5.247	6.21	No limit
Band7	20	2510	QPSK	100	LOW	18.371	20.28	No limit
Band7	20	2510	16QAM	27	LOW	6.037	9.94	No limit
Band7	20	2535	QPSK	100	LOW	18.391	20.4	No limit
Band7	20	2535	16QAM	27	LOW	6.297	12.0	No limit
Band7	20	2560	QPSK	100	LOW	18.251	20.22	No limit
Band7	20	2560	16QAM	27	LOW	5.957	7.26	No limit

Band7-5-2502.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



Band7-5-2502.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



Band7-5-2535-QPSK-25#LOW@26dB and 99PCT Bandwidth



Band7-5-2535-16QAM-25#LOW@26dB and 99PCT Bandwidth



Band7-5-2567.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



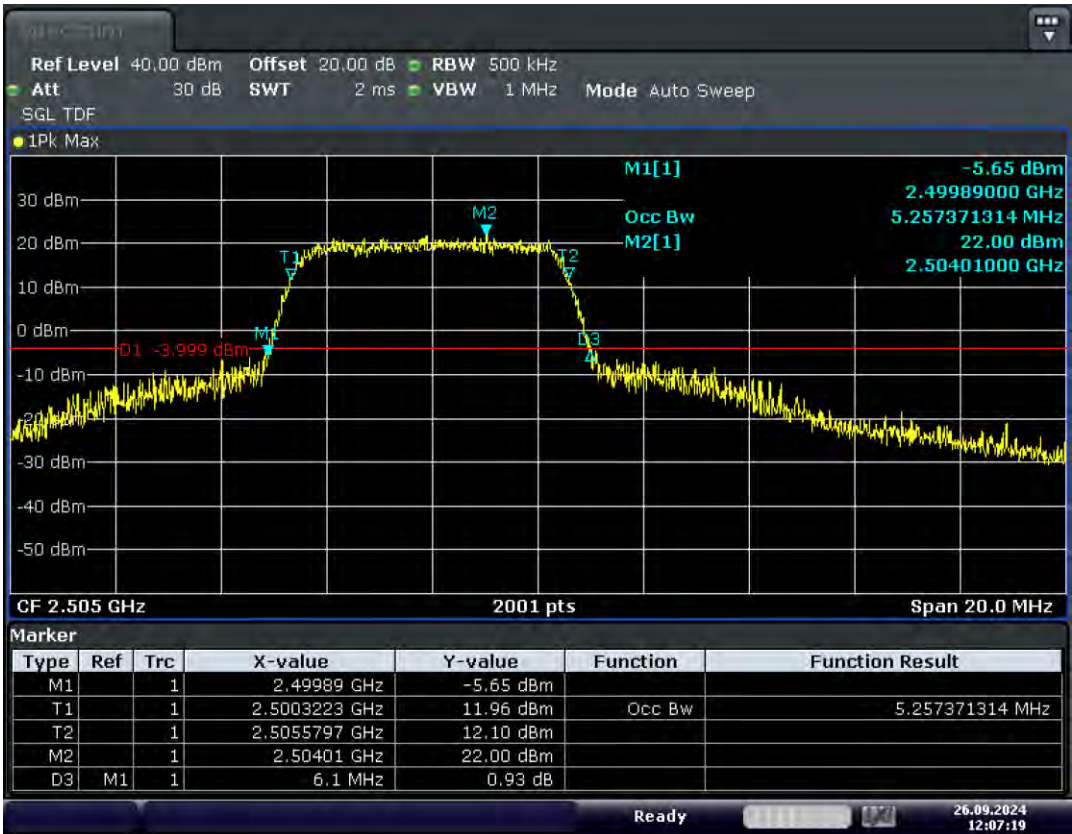
Band7-5-2567.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



Band7-10-2505-QPSK-50#LOW@26dB and 99PCT Bandwidth



Band7-10-2505-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band7-10-2535-QPSK-50#LOW@26dB and 99PCT Bandwidth



Band7-10-2535-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band7-10-2565-QPSK-50#LOW@26dB and 99PCT Bandwidth



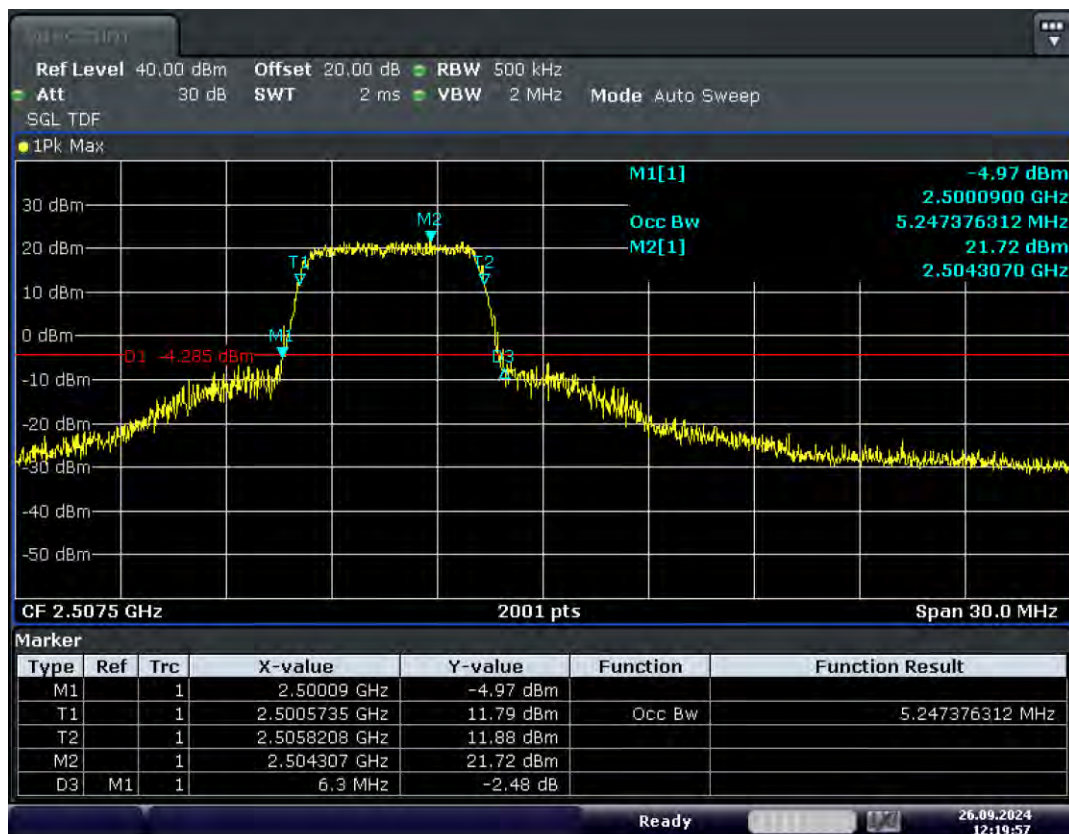
Band7-10-2565-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band7-15-2507.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



Band7-15-2507.5-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band7-15-2535-QPSK-75#LOW@26dB and 99PCT Bandwidth



Band7-15-2535-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band7-15-2562.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



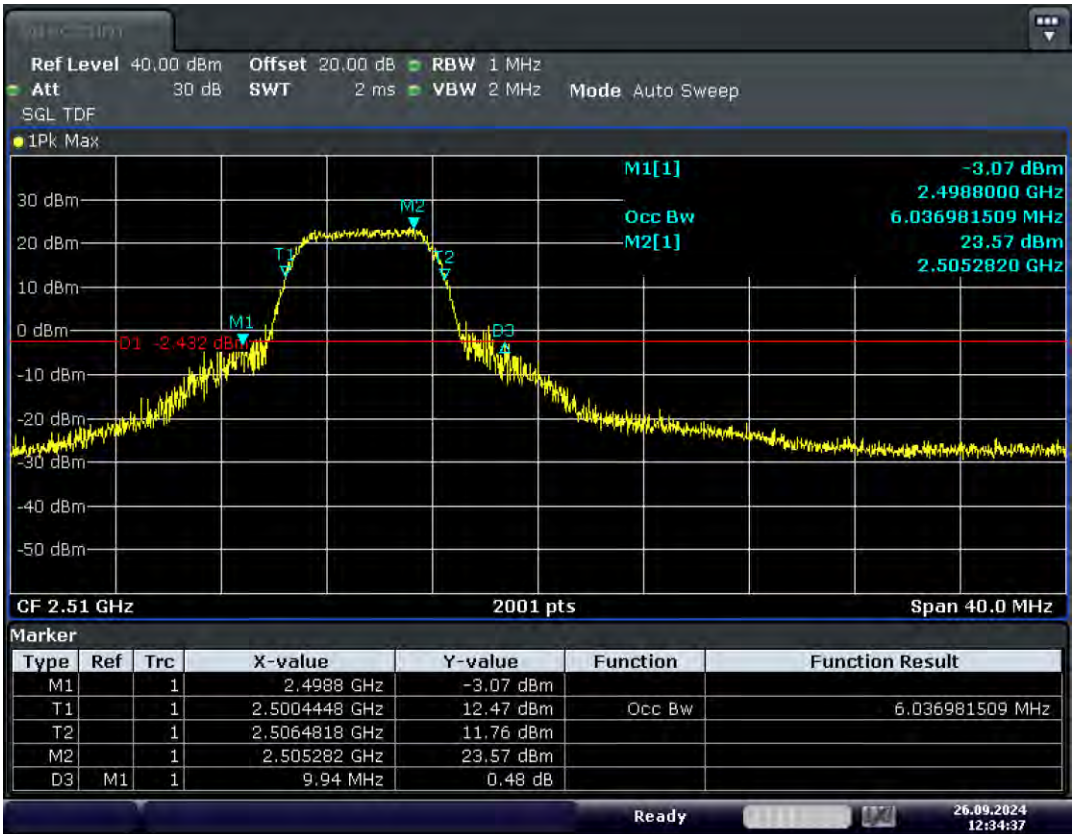
Band7-15-2562.5-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band7-20-2510-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band7-20-2510-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band7-20-2535-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band7-20-2535-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band7-20-2560-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band7-20-2560-16QAM-27#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0698	PASS
40	Normal Voltage	0.0329	
30	Normal Voltage	0.0166	
20(Ref.)	Normal Voltage	0.0255	
10	Normal Voltage	0.0661	
0	Normal Voltage	0.0179	
-10	Normal Voltage	0.0450	
-20	Normal Voltage	0.0378	
-30	Normal Voltage	0.0167	
20	Maximum Voltage	0.0172	
20	Normal Voltage	0.0276	
20	Battery End Point	0.0587	

Peak and Average Power

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Average Power	Peak Power	Peak to Average(dB)	limit(dB)	AntGain(dBi)	EIRP(dBm)	Limit(dBm)	Conclusion
Band7	5	2502.5	QPSK	25	LOW	19.99	27.17	7.18	13	1.94	21.93	33	Pass
Band7	5	2502.5	QPSK	12	LOW	20.2	25.64	5.44	13	1.94	22.14	33	Pass
Band7	5	2502.5	QPSK	12	MID	20.39	26.58	6.19	13	1.94	22.33	33	Pass
Band7	5	2502.5	QPSK	12	HIGH	21.27	25.32	4.05	13	1.94	23.21	33	Pass
Band7	5	2502.5	QPSK	1	LOW	21.53	25.7	4.17	13	1.94	23.47	33	Pass
Band7	5	2502.5	QPSK	1	MID	21.49	26.01	4.52	13	1.94	23.43	33	Pass
Band7	5	2502.5	QPSK	1	HIGH	21.02	25.84	4.82	13	1.94	22.96	33	Pass
Band7	5	2502.5	16QAM	25	LOW	19.64	26.89	7.25	13	1.94	21.58	33	Pass
Band7	5	2502.5	16QAM	12	LOW	21.57	26.65	5.08	13	1.94	23.51	33	Pass
Band7	5	2502.5	16QAM	12	MID	21.06	25.68	4.62	13	1.94	23	33	Pass
Band7	5	2502.5	16QAM	12	HIGH	19.69	27.49	7.8	13	1.94	21.63	33	Pass
Band7	5	2502.5	16QAM	1	LOW	20.59	25.93	5.34	13	1.94	22.53	33	Pass
Band7	5	2502.5	16QAM	1	MID	20.33	25.07	4.74	13	1.94	22.27	33	Pass
Band7	5	2502.5	16QAM	1	HIGH	20.52	26.28	5.76	13	1.94	22.46	33	Pass
Band7	5	2535	QPSK	25	LOW	19.64	26.37	6.73	13	1.94	21.58	33	Pass
Band7	5	2535	QPSK	12	LOW	19.93	26.8	6.87	13	1.94	21.87	33	Pass
Band7	5	2535	QPSK	12	MID	20.46	27.25	6.79	13	1.94	22.4	33	Pass
Band7	5	2535	QPSK	12	HIGH	19.91	25.96	6.05	13	1.94	21.85	33	Pass
Band7	5	2535	QPSK	1	LOW	20.85	25.29	4.44	13	1.94	22.79	33	Pass
Band7	5	2535	QPSK	1	MID	20.72	25.04	4.32	13	1.94	22.66	33	Pass
Band7	5	2535	QPSK	1	HIGH	19.44	27.66	8.22	13	1.94	21.38	33	Pass
Band7	5	2535	16QAM	25	LOW	19.48	27.11	7.63	13	1.94	21.42	33	Pass
Band7	5	2535	16QAM	12	LOW	18.94	25.48	6.54	13	1.94	20.88	33	Pass
Band7	5	2535	16QAM	12	MID	19.03	26.22	7.19	13	1.94	20.97	33	Pass
Band7	5	2535	16QAM	12	HIGH	19.03	25.89	6.86	13	1.94	20.97	33	Pass
Band7	5	2535	16QAM	1	LOW	20.19	26.06	5.87	13	1.94	22.13	33	Pass
Band7	5	2535	16QAM	1	MID	20.31	26.07	5.76	13	1.94	22.25	33	Pass
Band7	5	2535	16QAM	1	HIGH	20.64	27.3	6.66	13	1.94	22.58	33	Pass
Band7	5	2567.5	QPSK	25	LOW	20.33	27.23	6.9	13	1.94	22.27	33	Pass
Band7	5	2567.5	QPSK	12	LOW	20.35	26.29	5.94	13	1.94	22.29	33	Pass
Band7	5	2567.5	QPSK	12	MID	20.53	26.14	5.61	13	1.94	22.47	33	Pass
Band7	5	2567.5	QPSK	12	HIGH	20.17	26.29	6.12	13	1.94	22.11	33	Pass
Band7	5	2567.5	QPSK	1	LOW	21.13	25.71	4.58	13	1.94	23.07	33	Pass
Band7	5	2567.5	QPSK	1	MID	21.36	25.62	4.26	13	1.94	23.3	33	Pass
Band7	5	2567.5	QPSK	1	HIGH	21.77	25.93	4.16	13	1.94	23.71	33	Pass
Band7	5	2567.5	16QAM	25	LOW	19.43	26.66	7.23	13	1.94	21.37	33	Pass
Band7	5	2567.5	16QAM	12	LOW	19.9	26.61	6.71	13	1.94	21.84	33	Pass
Band7	5	2567.5	16QAM	12	MID	19.02	25.4	6.38	13	1.94	20.96	33	Pass
Band7	5	2567.5	16QAM	12	HIGH	19.66	25.85	6.19	13	1.94	21.6	33	Pass
Band7	5	2567.5	16QAM	1	LOW	20.54	25.67	5.13	13	1.94	22.48	33	Pass
Band7	5	2567.5	16QAM	1	MID	20.76	26.24	5.48	13	1.94	22.7	33	Pass
Band7	5	2567.5	16QAM	1	HIGH	20.13	25.58	5.45	13	1.94	22.07	33	Pass

Band7	10	2505	QPSK	50	LOW	19.7	26.48	6.78	13	1.94	21.64	33	Pass
Band7	10	2505	QPSK	25	LOW	19.69	26.1	6.41	13	1.94	21.63	33	Pass
Band7	10	2505	QPSK	25	MID	19.64	26.03	6.39	13	1.94	21.58	33	Pass
Band7	10	2505	QPSK	25	HIGH	19.95	26.94	6.99	13	1.94	21.89	33	Pass
Band7	10	2505	QPSK	1	LOW	21.01	25.64	4.63	13	1.94	22.95	33	Pass
Band7	10	2505	QPSK	1	MID	21.01	25.43	4.42	13	1.94	22.95	33	Pass
Band7	10	2505	QPSK	1	HIGH	21.08	26.4	5.32	13	1.94	23.02	33	Pass
Band7	10	2505	16QAM	27	LOW	18.76	26.16	7.4	13	1.94	20.7	33	Pass
Band7	10	2505	16QAM	15	LOW	18.98	25.28	6.3	13	1.94	20.92	33	Pass
Band7	10	2505	16QAM	15	MID	18.78	25.58	6.8	13	1.94	20.72	33	Pass
Band7	10	2505	16QAM	15	HIGH	18.52	25.39	6.87	13	1.94	20.46	33	Pass
Band7	10	2505	16QAM	1	LOW	19.67	24.56	4.89	13	1.94	21.61	33	Pass
Band7	10	2505	16QAM	1	MID	20.07	25.46	5.39	13	1.94	22.01	33	Pass
Band7	10	2505	16QAM	1	HIGH	19.51	25.04	5.53	13	1.94	21.45	33	Pass
Band7	10	2535	QPSK	50	LOW	19.92	26.58	6.66	13	1.94	21.86	33	Pass
Band7	10	2535	QPSK	25	LOW	19.91	25.62	5.71	13	1.94	21.85	33	Pass
Band7	10	2535	QPSK	25	MID	20.41	26.79	6.38	13	1.94	22.35	33	Pass
Band7	10	2535	QPSK	25	HIGH	19.76	26.76	7	13	1.94	21.7	33	Pass
Band7	10	2535	QPSK	1	LOW	21.22	26.17	4.95	13	1.94	23.16	33	Pass
Band7	10	2535	QPSK	1	MID	21.42	26.15	4.73	13	1.94	23.36	33	Pass
Band7	10	2535	QPSK	1	HIGH	21.46	25.68	4.22	13	1.94	23.4	33	Pass
Band7	10	2535	16QAM	27	LOW	19.03	25.64	6.61	13	1.94	20.97	33	Pass
Band7	10	2535	16QAM	15	LOW	19.12	25.95	6.83	13	1.94	21.06	33	Pass
Band7	10	2535	16QAM	15	MID	19.17	26.08	6.91	13	1.94	21.11	33	Pass
Band7	10	2535	16QAM	15	HIGH	18.97	26.17	7.2	13	1.94	20.91	33	Pass
Band7	10	2535	16QAM	1	LOW	20.34	26.44	6.1	13	1.94	22.28	33	Pass
Band7	10	2535	16QAM	1	MID	20.32	25.79	5.47	13	1.94	22.26	33	Pass
Band7	10	2535	16QAM	1	HIGH	20.16	25.64	5.48	13	1.94	22.1	33	Pass
Band7	10	2565	QPSK	50	LOW	20.47	26.99	6.52	13	1.94	22.41	33	Pass
Band7	10	2565	QPSK	25	LOW	20.58	26.33	5.75	13	1.94	22.52	33	Pass
Band7	10	2565	QPSK	25	MID	20.17	25.95	5.78	13	1.94	22.11	33	Pass
Band7	10	2565	QPSK	25	HIGH	20.09	25.83	5.74	13	1.94	22.03	33	Pass
Band7	10	2565	QPSK	1	LOW	21.28	26.09	4.81	13	1.94	23.22	33	Pass
Band7	10	2565	QPSK	1	MID	21.38	25.39	4.01	13	1.94	23.32	33	Pass
Band7	10	2565	QPSK	1	HIGH	21.85	25.97	4.12	13	1.94	23.79	33	Pass
Band7	10	2565	16QAM	27	LOW	19.23	25.58	6.35	13	1.94	21.17	33	Pass
Band7	10	2565	16QAM	15	LOW	19.26	25.77	6.51	13	1.94	21.2	33	Pass
Band7	10	2565	16QAM	15	MID	19.31	26.52	7.21	13	1.94	21.25	33	Pass
Band7	10	2565	16QAM	15	HIGH	19.63	25.47	5.84	13	1.94	21.57	33	Pass
Band7	10	2565	16QAM	1	LOW	20.46	25.52	5.06	13	1.94	22.4	33	Pass
Band7	10	2565	16QAM	1	MID	20.76	25.88	5.12	13	1.94	22.7	33	Pass
Band7	10	2565	16QAM	1	HIGH	20.32	25.95	5.63	13	1.94	22.26	33	Pass
Band7	15	2507.5	QPSK	75	LOW	20.11	26.77	6.66	13	1.94	22.05	33	Pass
Band7	15	2507.5	QPSK	38	LOW	19.92	27.34	7.42	13	1.94	21.86	33	Pass
Band7	15	2507.5	QPSK	38	MID	20.24	26.91	6.67	13	1.94	22.18	33	Pass
Band7	15	2507.5	QPSK	38	HIGH	19.54	26.79	7.25	13	1.94	21.48	33	Pass
Band7	15	2507.5	QPSK	1	LOW	20.73	25.82	5.09	13	1.94	22.67	33	Pass

Band7	15	2507.5	QPSK	1	MID	21.24	26.29	5.05	13	1.94	23.18	33	Pass
Band7	15	2507.5	QPSK	1	HIGH	20.59	25.8	5.21	13	1.94	22.53	33	Pass
Band7	15	2507.5	16QAM	27	LOW	19.18	26.68	7.5	13	1.94	21.12	33	Pass
Band7	15	2507.5	16QAM	15	LOW	19.81	25.94	6.13	13	1.94	21.75	33	Pass
Band7	15	2507.5	16QAM	15	MID	19.85	25.94	6.09	13	1.94	21.79	33	Pass
Band7	15	2507.5	16QAM	15	HIGH	19.79	25.84	6.05	13	1.94	21.73	33	Pass
Band7	15	2507.5	16QAM	1	LOW	20.04	26.24	6.2	13	1.94	21.98	33	Pass
Band7	15	2507.5	16QAM	1	MID	20.27	26.23	5.96	13	1.94	22.21	33	Pass
Band7	15	2507.5	16QAM	1	HIGH	20.02	26.33	6.31	13	1.94	21.96	33	Pass
Band7	15	2535	QPSK	75	LOW	20.38	26.91	6.53	13	1.94	22.32	33	Pass
Band7	15	2535	QPSK	38	LOW	20.11	26.85	6.74	13	1.94	22.05	33	Pass
Band7	15	2535	QPSK	38	MID	20.05	27.21	7.16	13	1.94	21.99	33	Pass
Band7	15	2535	QPSK	38	HIGH	20.37	27.35	6.98	13	1.94	22.31	33	Pass
Band7	15	2535	QPSK	1	LOW	21.02	26.05	5.03	13	1.94	22.96	33	Pass
Band7	15	2535	QPSK	1	MID	21.52	25.67	4.15	13	1.94	23.46	33	Pass
Band7	15	2535	QPSK	1	HIGH	20.75	25.71	4.96	13	1.94	22.69	33	Pass
Band7	15	2535	16QAM	27	LOW	19.37	26.88	7.51	13	1.94	21.31	33	Pass
Band7	15	2535	16QAM	15	LOW	19.9	26.38	6.48	13	1.94	21.84	33	Pass
Band7	15	2535	16QAM	15	MID	20.21	26.36	6.15	13	1.94	22.15	33	Pass
Band7	15	2535	16QAM	15	HIGH	20.01	26.43	6.42	13	1.94	21.95	33	Pass
Band7	15	2535	16QAM	1	LOW	20.42	25.6	5.18	13	1.94	22.36	33	Pass
Band7	15	2535	16QAM	1	MID	20.23	25.47	5.24	13	1.94	22.17	33	Pass
Band7	15	2535	16QAM	1	HIGH	19.89	25.66	5.77	13	1.94	21.83	33	Pass
Band7	15	2562.5	QPSK	75	LOW	20.4	27.69	7.29	13	1.94	22.34	33	Pass
Band7	15	2562.5	QPSK	38	LOW	20.2	26.92	6.72	13	1.94	22.14	33	Pass
Band7	15	2562.5	QPSK	38	MID	20.19	26.19	6	13	1.94	22.13	33	Pass
Band7	15	2562.5	QPSK	38	HIGH	20.77	27.25	6.48	13	1.94	22.71	33	Pass
Band7	15	2562.5	QPSK	1	LOW	21.32	25.85	4.53	13	1.94	23.26	33	Pass
Band7	15	2562.5	QPSK	1	MID	20.99	25.99	5	13	1.94	22.93	33	Pass
Band7	15	2562.5	QPSK	1	HIGH	20.87	25.03	4.16	13	1.94	22.81	33	Pass
Band7	15	2562.5	16QAM	27	LOW	19.57	26.12	6.55	13	1.94	21.51	33	Pass
Band7	15	2562.5	16QAM	15	LOW	19.78	25.94	6.16	13	1.94	21.72	33	Pass
Band7	15	2562.5	16QAM	15	MID	19.95	26.37	6.42	13	1.94	21.89	33	Pass
Band7	15	2562.5	16QAM	15	HIGH	20.02	25.26	5.24	13	1.94	21.96	33	Pass
Band7	15	2562.5	16QAM	1	LOW	20.36	26.17	5.81	13	1.94	22.3	33	Pass
Band7	15	2562.5	16QAM	1	MID	20.37	25.7	5.33	13	1.94	22.31	33	Pass
Band7	15	2562.5	16QAM	1	HIGH	20.87	25.07	4.2	13	1.94	22.81	33	Pass
Band7	20	2510	QPSK	100	LOW	19.95	26.82	6.87	13	1.94	21.89	33	Pass
Band7	20	2510	QPSK	50	LOW	19.81	25.8	5.99	13	1.94	21.75	33	Pass
Band7	20	2510	QPSK	50	MID	19.6	25.57	5.97	13	1.94	21.54	33	Pass
Band7	20	2510	QPSK	50	HIGH	19.79	26.55	6.76	13	1.94	21.73	33	Pass
Band7	20	2510	QPSK	1	LOW	21.02	25.25	4.23	13	1.94	22.96	33	Pass
Band7	20	2510	QPSK	1	MID	21.35	25.98	4.63	13	1.94	23.29	33	Pass
Band7	20	2510	QPSK	1	HIGH	20.85	26.64	5.79	13	1.94	22.79	33	Pass
Band7	20	2510	16QAM	27	LOW	19.1	26.3	7.2	13	1.94	21.04	33	Pass
Band7	20	2510	16QAM	15	LOW	19.26	25.79	6.53	13	1.94	21.2	33	Pass
Band7	20	2510	16QAM	15	MID	19.98	26.08	6.1	13	1.94	21.92	33	Pass

Band7	20	2510	16QAM	15	HIGH	19.6	27.16	7.56	13	1.94	21.54	33	Pass
Band7	20	2510	16QAM	1	LOW	19.52	25.24	5.72	13	1.94	21.46	33	Pass
Band7	20	2510	16QAM	1	MID	20.44	25.92	5.48	13	1.94	22.38	33	Pass
Band7	20	2510	16QAM	1	HIGH	20.07	26.1	6.03	13	1.94	22.01	33	Pass
Band7	20	2535	QPSK	100	LOW	20.06	26.78	6.72	13	1.94	22	33	Pass
Band7	20	2535	QPSK	50	LOW	20.23	26.28	6.05	13	1.94	22.17	33	Pass
Band7	20	2535	QPSK	50	MID	20.33	26.91	6.58	13	1.94	22.27	33	Pass
Band7	20	2535	QPSK	50	HIGH	20.04	25.54	5.5	13	1.94	21.98	33	Pass
Band7	20	2535	QPSK	1	LOW	20.83	25.74	4.91	13	1.94	22.77	33	Pass
Band7	20	2535	QPSK	1	MID	20.98	25.39	4.41	13	1.94	22.92	33	Pass
Band7	20	2535	QPSK	1	HIGH	20.6	26.08	5.48	13	1.94	22.54	33	Pass
Band7	20	2535	16QAM	27	LOW	19.23	27.45	8.22	13	1.94	21.17	33	Pass
Band7	20	2535	16QAM	15	LOW	19.63	26.16	6.53	13	1.94	21.57	33	Pass
Band7	20	2535	16QAM	15	MID	19.8	25.96	6.16	13	1.94	21.74	33	Pass
Band7	20	2535	16QAM	15	HIGH	19.94	25.9	5.96	13	1.94	21.88	33	Pass
Band7	20	2535	16QAM	1	LOW	19.89	25.24	5.35	13	1.94	21.83	33	Pass
Band7	20	2535	16QAM	1	MID	21.15	26.82	5.67	13	1.94	23.09	33	Pass
Band7	20	2535	16QAM	1	HIGH	19.92	25.51	5.59	13	1.94	21.86	33	Pass
Band7	20	2560	QPSK	100	LOW	20.41	27.71	7.3	13	1.94	22.35	33	Pass
Band7	20	2560	QPSK	50	LOW	19.96	26.85	6.89	13	1.94	21.9	33	Pass
Band7	20	2560	QPSK	50	MID	19.85	26.46	6.61	13	1.94	21.79	33	Pass
Band7	20	2560	QPSK	50	HIGH	20.53	26.7	6.17	13	1.94	22.47	33	Pass
Band7	20	2560	QPSK	1	LOW	20.96	25.21	4.25	13	1.94	22.9	33	Pass
Band7	20	2560	QPSK	1	MID	21.66	25.89	4.23	13	1.94	23.6	33	Pass
Band7	20	2560	QPSK	1	HIGH	20.92	25.99	5.07	13	1.94	22.86	33	Pass
Band7	20	2560	16QAM	27	LOW	18.9	26.32	7.42	13	1.94	20.84	33	Pass
Band7	20	2560	16QAM	15	LOW	19.78	26.33	6.55	13	1.94	21.72	33	Pass
Band7	20	2560	16QAM	15	MID	19.97	26.73	6.76	13	1.94	21.91	33	Pass
Band7	20	2560	16QAM	15	HIGH	20.38	26.29	5.91	13	1.94	22.32	33	Pass
Band7	20	2560	16QAM	1	LOW	20.33	25.37	5.04	13	1.94	22.27	33	Pass
Band7	20	2560	16QAM	1	MID	20.73	25.71	4.98	13	1.94	22.67	33	Pass
Band7	20	2560	16QAM	1	HIGH	20.42	25.62	5.2	13	1.94	22.36	33	Pass