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 Band41

Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band41	5	2498.5	QPSK	25	LOW	Pass
Band41	5	2498.5	16QAM	25	LOW	Pass
Band41	5	2687.5	QPSK	25	LOW	Pass
Band41	5	2687.5	16QAM	25	LOW	Pass
Band41	10	2501	QPSK	50	LOW	Pass
Band41	10	2501	16QAM	27	LOW	Pass
Band41	10	2685	QPSK	50	LOW	Pass
Band41	10	2685	16QAM	27	LOW	Pass
Band41	15	2503.5	QPSK	75	LOW	Pass
Band41	15	2503.5	16QAM	27	LOW	Pass
Band41	15	2682.5	QPSK	75	LOW	Pass
Band41	15	2682.5	16QAM	27	LOW	Pass
Band41	20	2506	QPSK	100	LOW	Pass
Band41	20	2506	16QAM	27	LOW	Pass
Band41	20	2680	QPSK	100	LOW	Pass
Band41	20	2680	16QAM	27	LOW	Pass

Band41-5-2498.5-QPSK-25#LOW

Band41-5-2498.5-16QAM-25#LOW

Band41-5-2687.5-QPSK-25#LOW

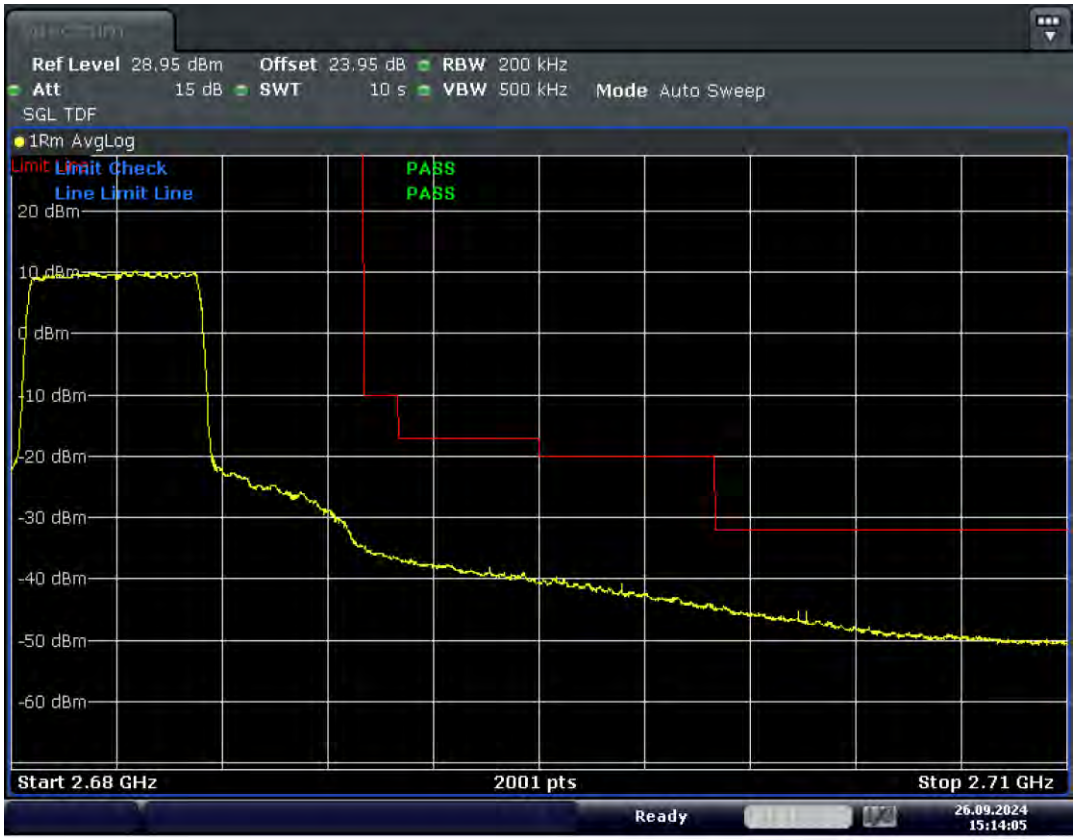
Band41-5-2687.5-16QAM-25#LOW

Band41-10-2501-QPSK-50#LOW

Band41-10-2501-16QAM-27#LOW

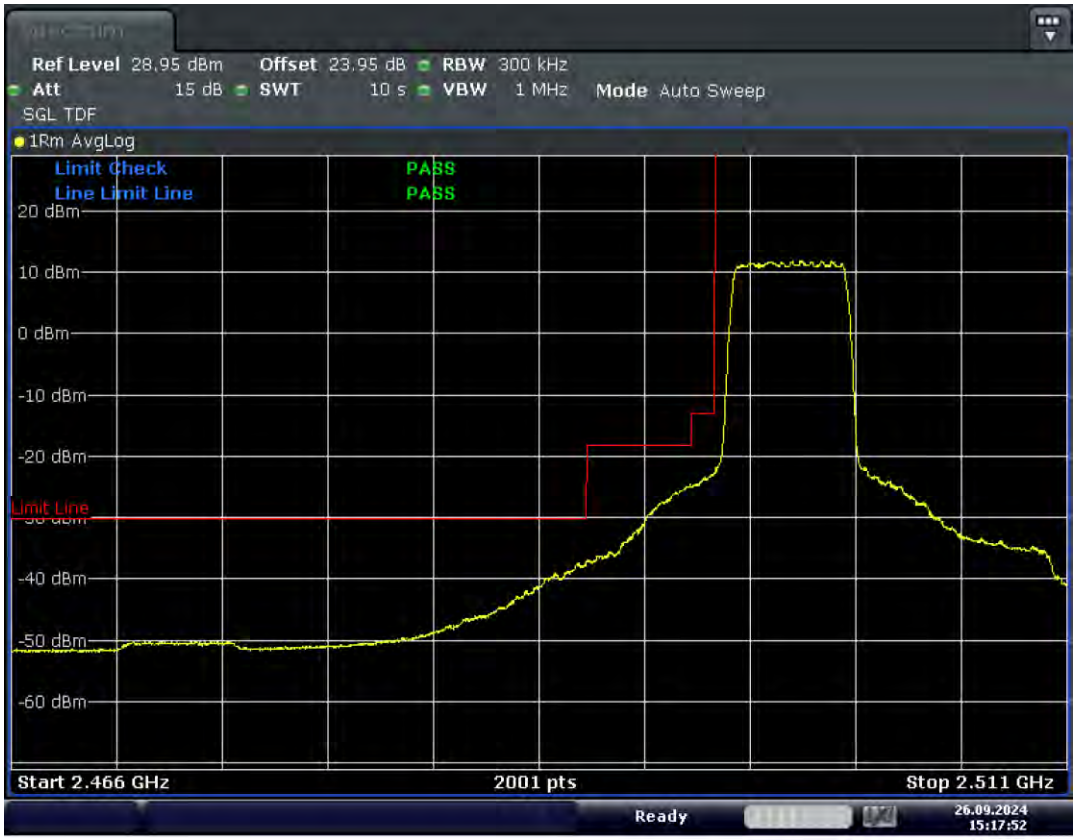
Band41-10-2685-QPSK-50#LOW

Band41-10-2685-16QAM-27#LOW



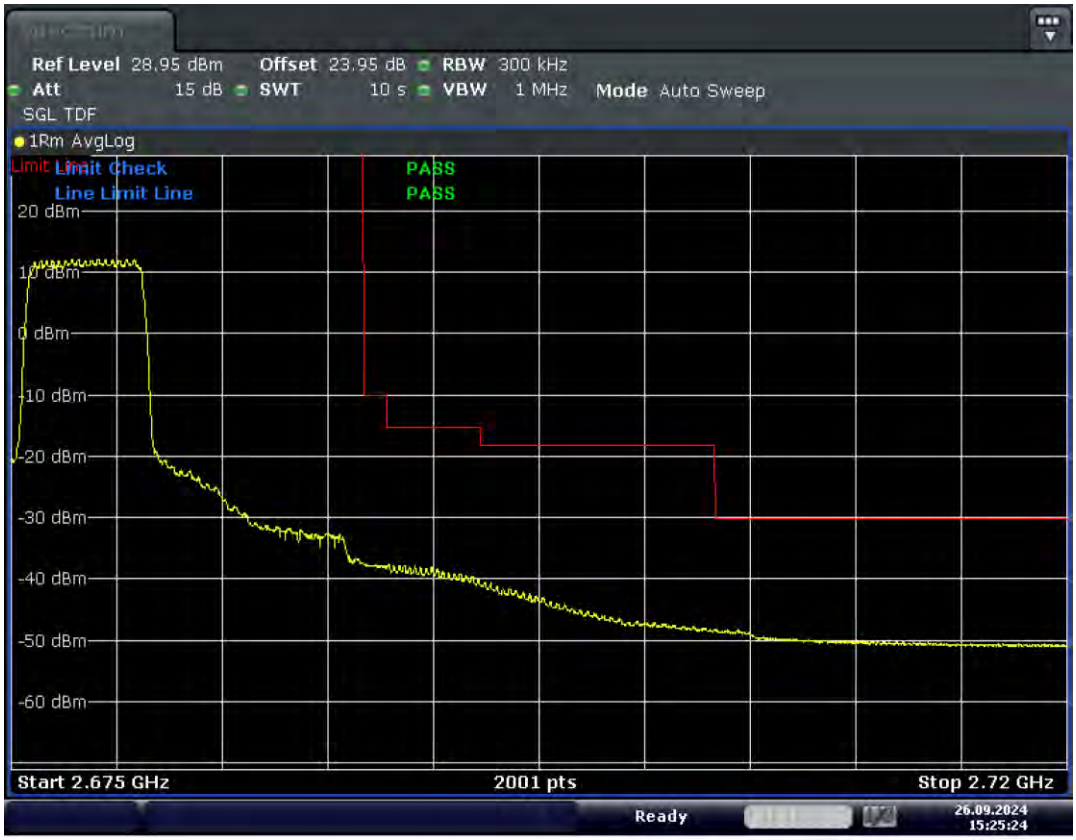
Band41-15-2503.5-QPSK-75#LOW

Band41-15-2503.5-16QAM-27#LOW



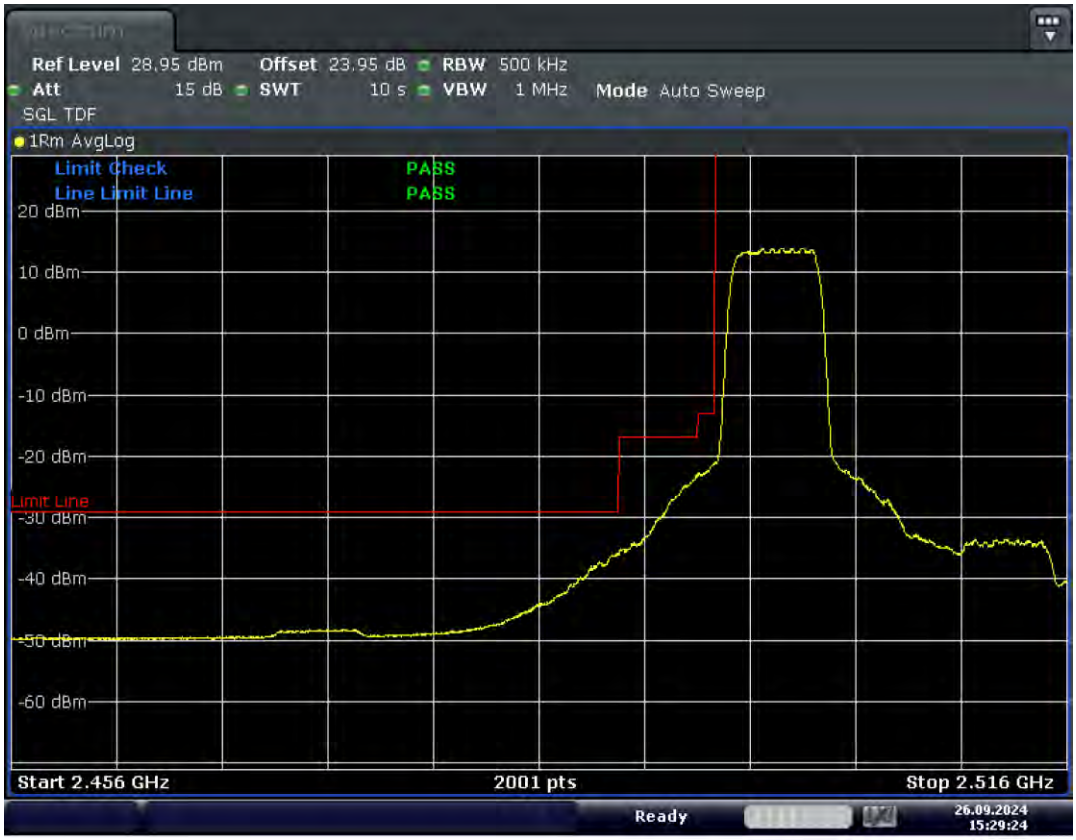
Band41-15-2682.5-QPSK-75#LOW

Band41-15-2682.5-16QAM-27#LOW

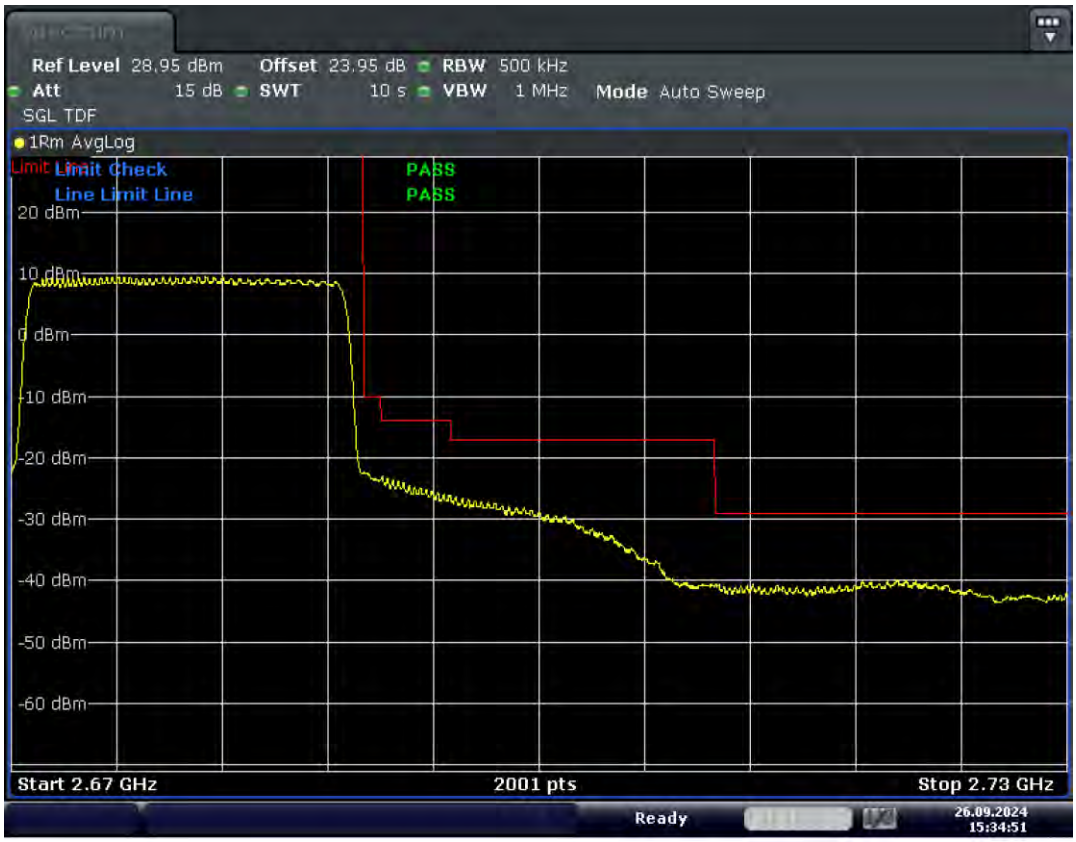


Band41-20-2506-QPSK-100#LOW

Band41-20-2506-16QAM-27#LOW



Band41-20-2680-QPSK-100#LOW



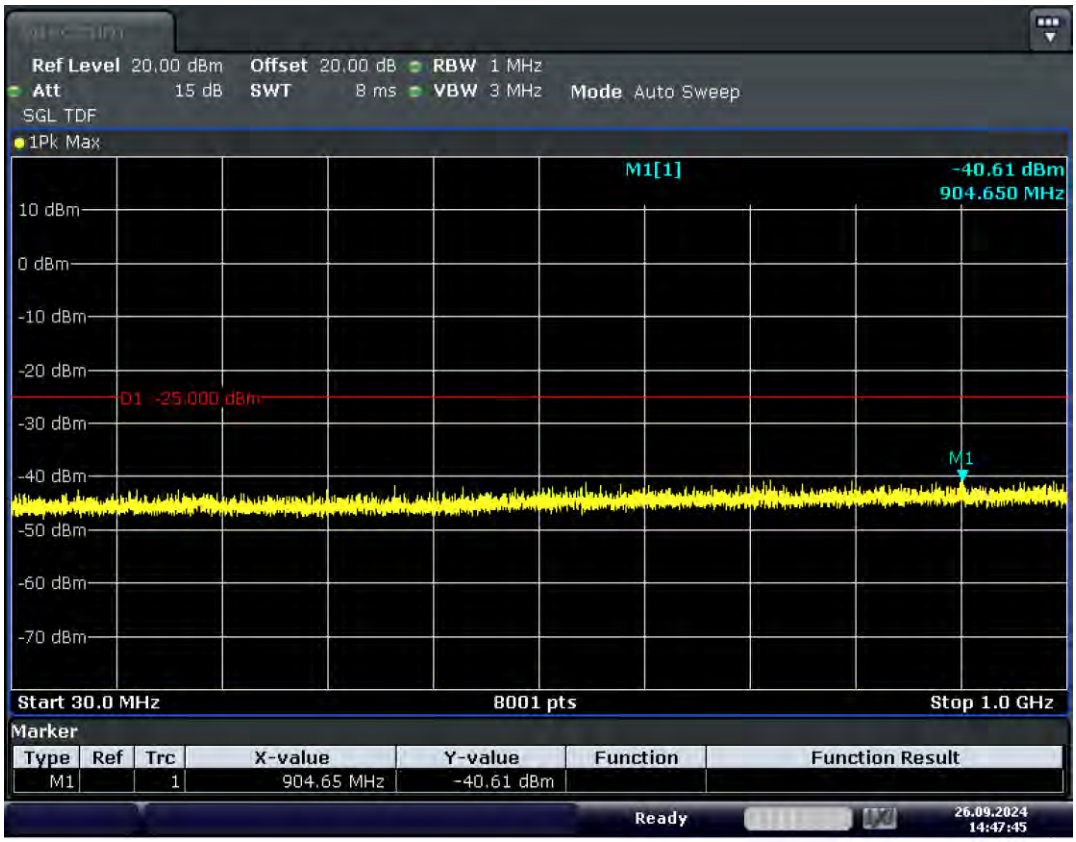
Band41-20-2680-16QAM-27#LOW

Conducted Spurious Emission

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB41	5	2498.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB41	5	2498.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB41	5	2498.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB41	5	2498.5	QPSK	25	LOW	13.6GHz-26.5GHz	Pass
OB41	5	2593	QPSK	25	LOW	30mHz-1GHz	Pass
OB41	5	2593	QPSK	25	LOW	1GHz-7GHz	Pass
OB41	5	2593	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB41	5	2593	QPSK	25	LOW	13.6GHz-26.5GHz	Pass
OB41	5	2687.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB41	5	2687.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB41	5	2687.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB41	5	2687.5	QPSK	25	LOW	13.6GHz-26.5GHz	Pass
OB41	10	2501	QPSK	50	LOW	30mHz-1GHz	Pass
OB41	10	2501	QPSK	50	LOW	1GHz-7GHz	Pass
OB41	10	2501	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB41	10	2501	QPSK	50	LOW	13.6GHz-26.5GHz	Pass
OB41	10	2593	QPSK	50	LOW	30mHz-1GHz	Pass
OB41	10	2593	QPSK	50	LOW	1GHz-7GHz	Pass
OB41	10	2593	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB41	10	2593	QPSK	50	LOW	13.6GHz-26.5GHz	Pass
OB41	10	2685	QPSK	50	LOW	30mHz-1GHz	Pass
OB41	10	2685	QPSK	50	LOW	1GHz-7GHz	Pass
OB41	10	2685	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB41	10	2685	QPSK	50	LOW	13.6GHz-26.5GHz	Pass
OB41	15	2503.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB41	15	2503.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB41	15	2503.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB41	15	2503.5	QPSK	75	LOW	13.6GHz-26.5GHz	Pass
OB41	15	2593	QPSK	75	LOW	30mHz-1GHz	Pass
OB41	15	2593	QPSK	75	LOW	1GHz-7GHz	Pass
OB41	15	2593	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB41	15	2593	QPSK	75	LOW	13.6GHz-26.5GHz	Pass

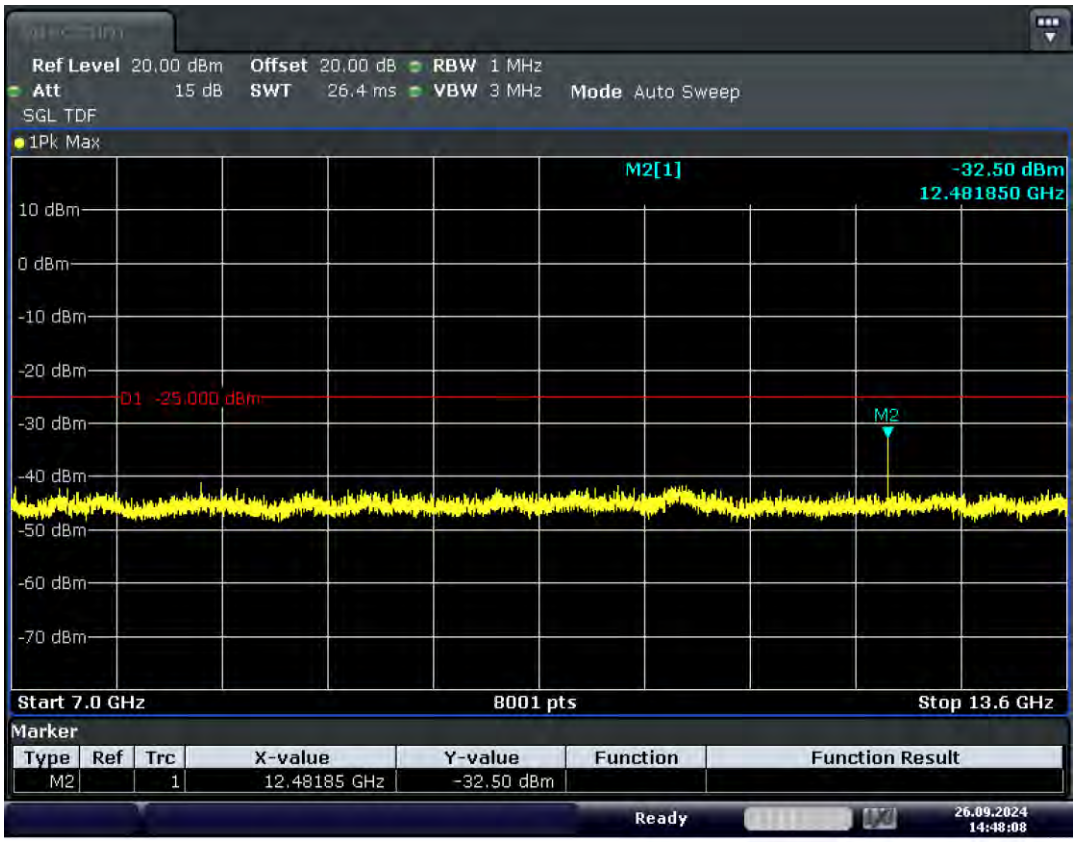
OB41	15	2682.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB41	15	2682.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB41	15	2682.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB41	15	2682.5	QPSK	75	LOW	13.6GHz-26.5GHz	Pass
OB41	20	2506	QPSK	100	LOW	30mHz-1GHz	Pass
OB41	20	2506	QPSK	100	LOW	1GHz-7GHz	Pass
OB41	20	2506	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB41	20	2506	QPSK	100	LOW	13.6GHz-26.5GHz	Pass
OB41	20	2593	QPSK	100	LOW	30mHz-1GHz	Pass
OB41	20	2593	QPSK	100	LOW	1GHz-7GHz	Pass
OB41	20	2593	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB41	20	2593	QPSK	100	LOW	13.6GHz-26.5GHz	Pass
OB41	20	2680	QPSK	100	LOW	30mHz-1GHz	Pass
OB41	20	2680	QPSK	100	LOW	1GHz-7GHz	Pass
OB41	20	2680	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB41	20	2680	QPSK	100	LOW	13.6GHz-26.5GHz	Pass

OB41-5-2498.5-QPSK-25#LOW@30mHz-1GHz@Pass

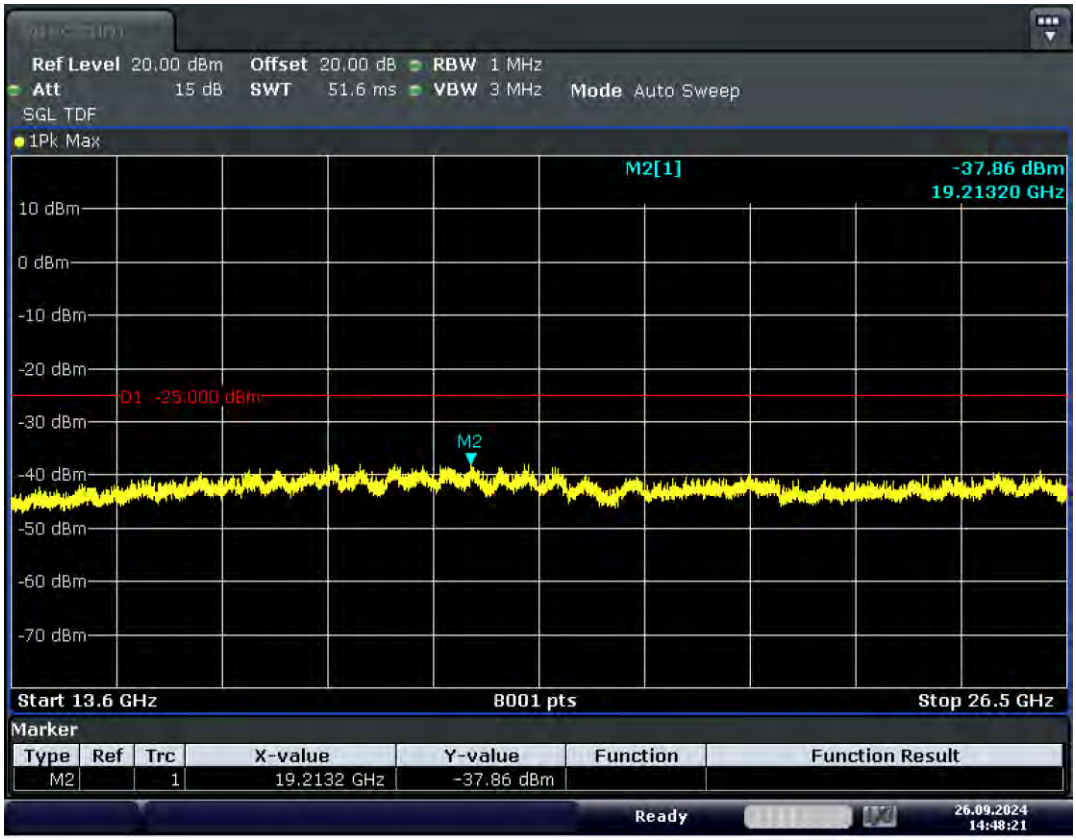


OB41-5-2498.5-QPSK-25#LOW@1GHz-7GHz@Pass

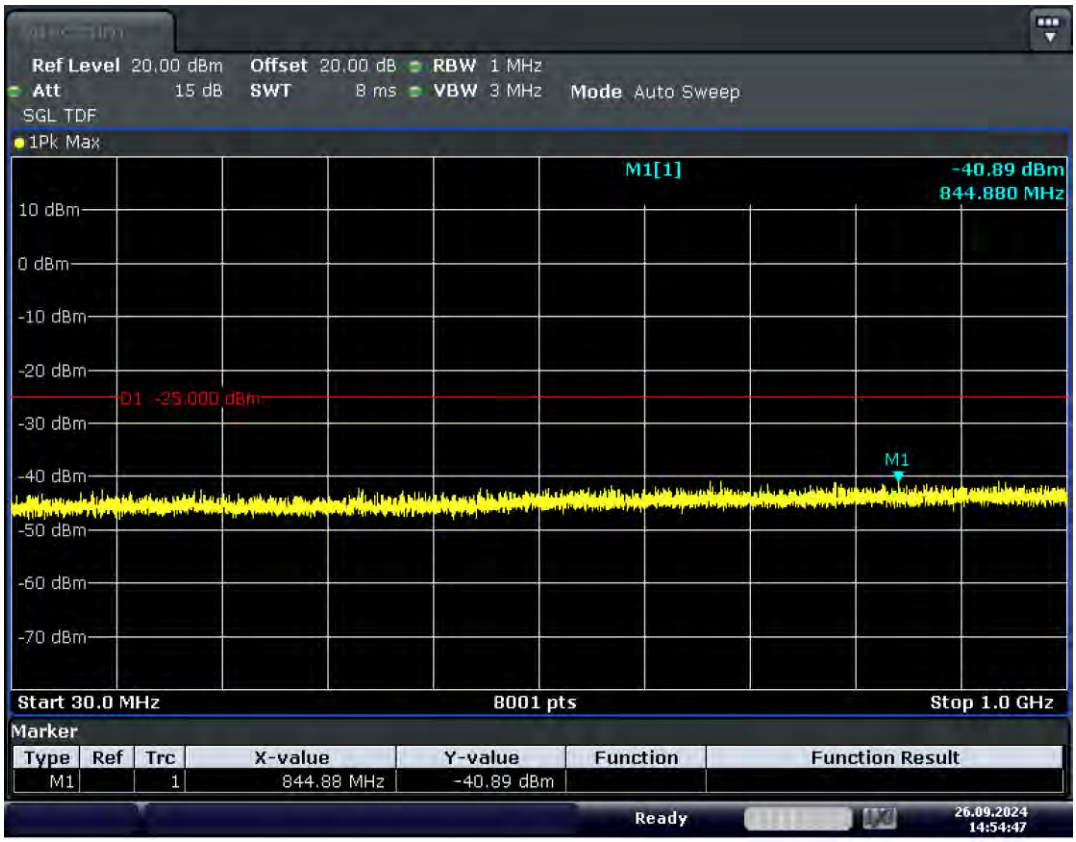
OB41-5-2498.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



OB41-5-2498.5-QPSK-25#LOW@13.6GHz-26.5GHz@Pass

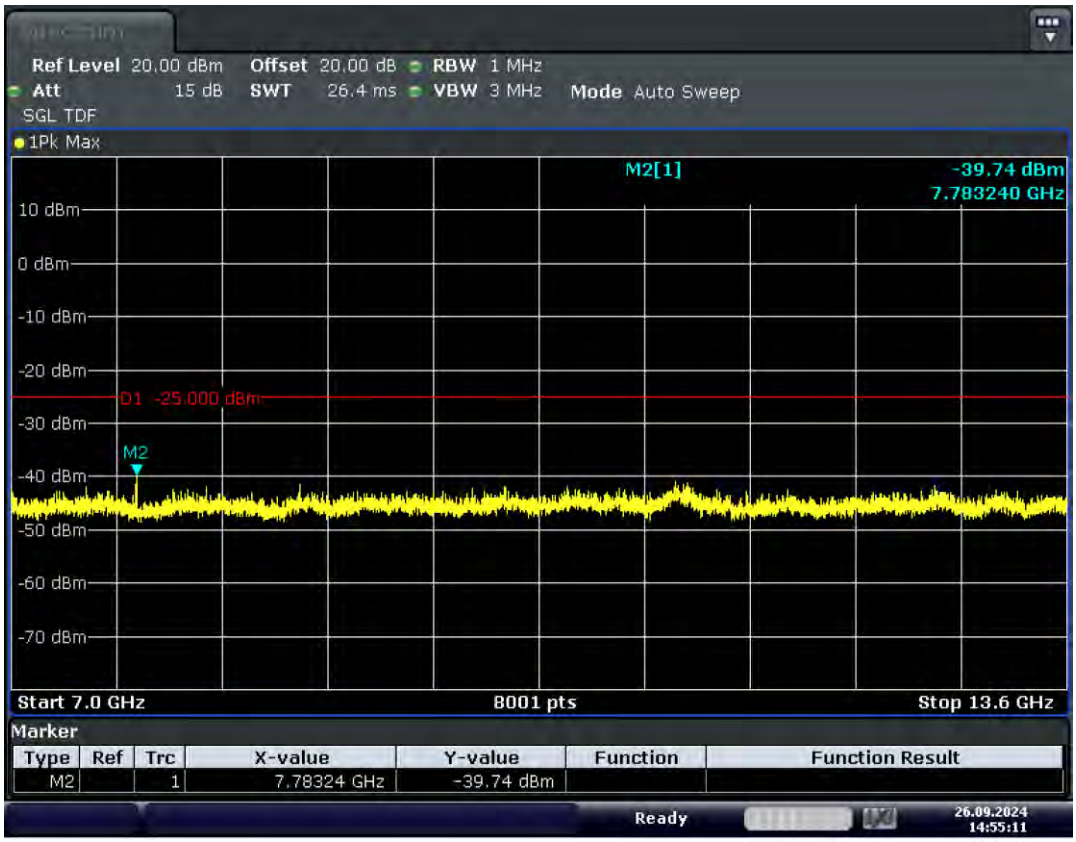


OB41-5-2593-QPSK-25#LOW@30mHz-1GHz@Pass

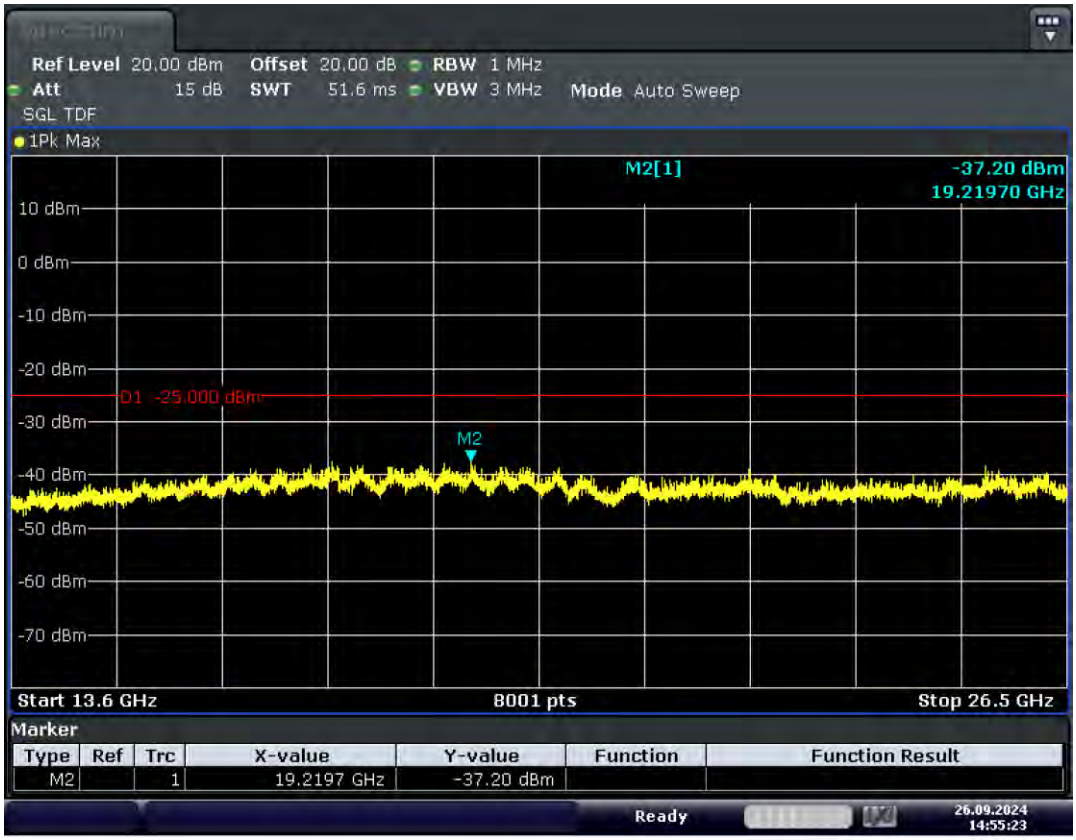


OB41-5-2593-QPSK-25#LOW@1GHz-7GHz@Pass

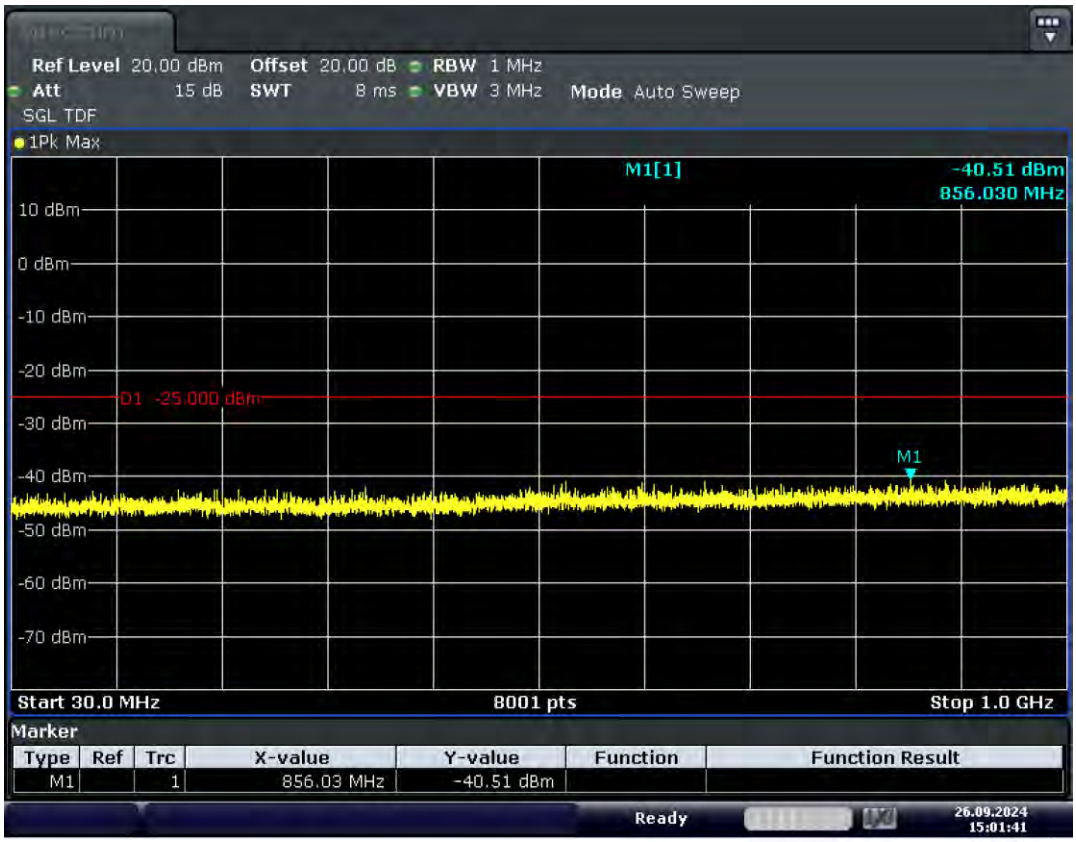
OB41-5-2593-QPSK-25#LOW@7GHz-13.6GHz@Pass



OB41-5-2593-QPSK-25#LOW@13.6GHz-26.5GHz@Pass

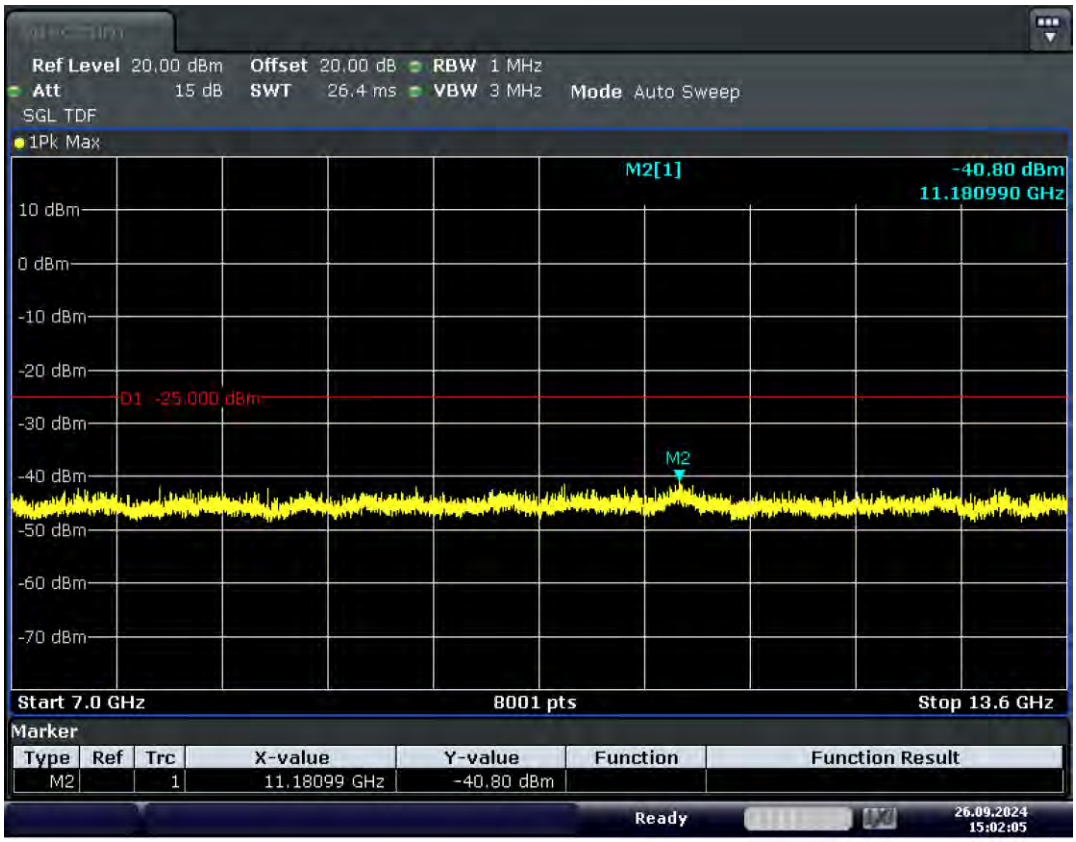


OB41-5-2687.5-QPSK-25#LOW@30mHz-1GHz@Pass

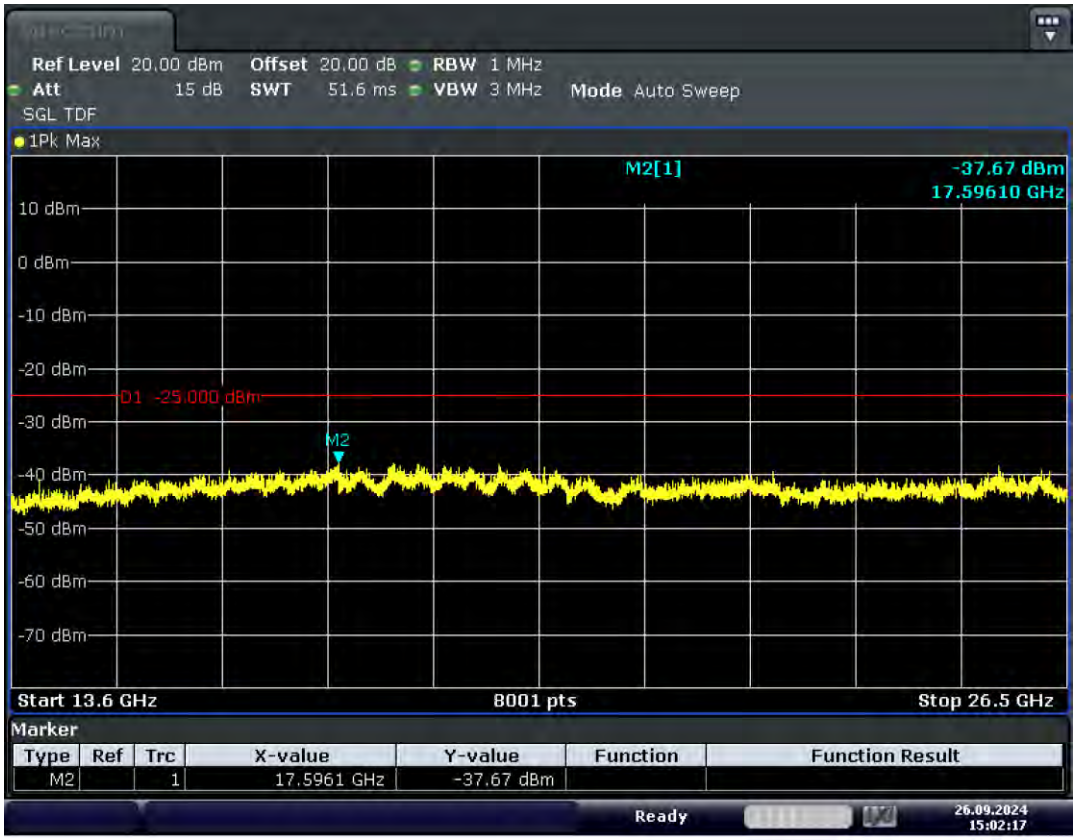


OB41-5-2687.5-QPSK-25#LOW@1GHz-7GHz@Pass

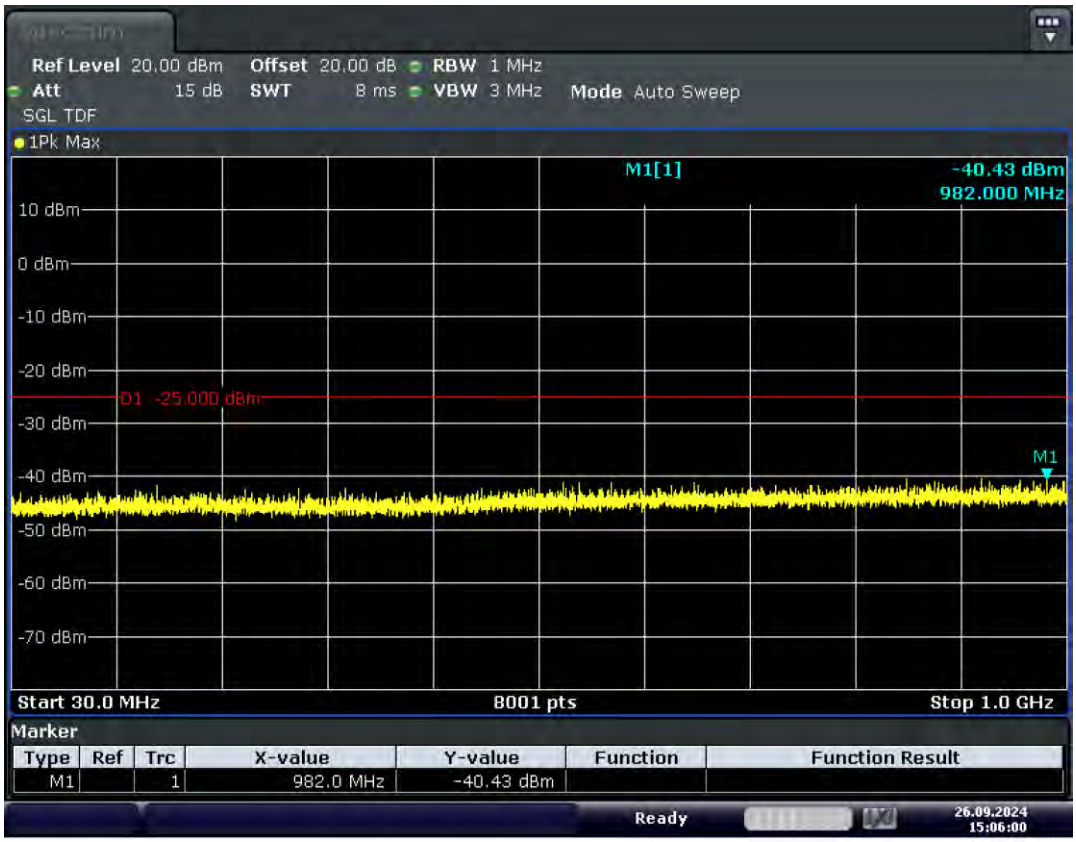
OB41-5-2687.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



OB41-5-2687.5-QPSK-25#LOW@13.6GHz-26.5GHz@Pass

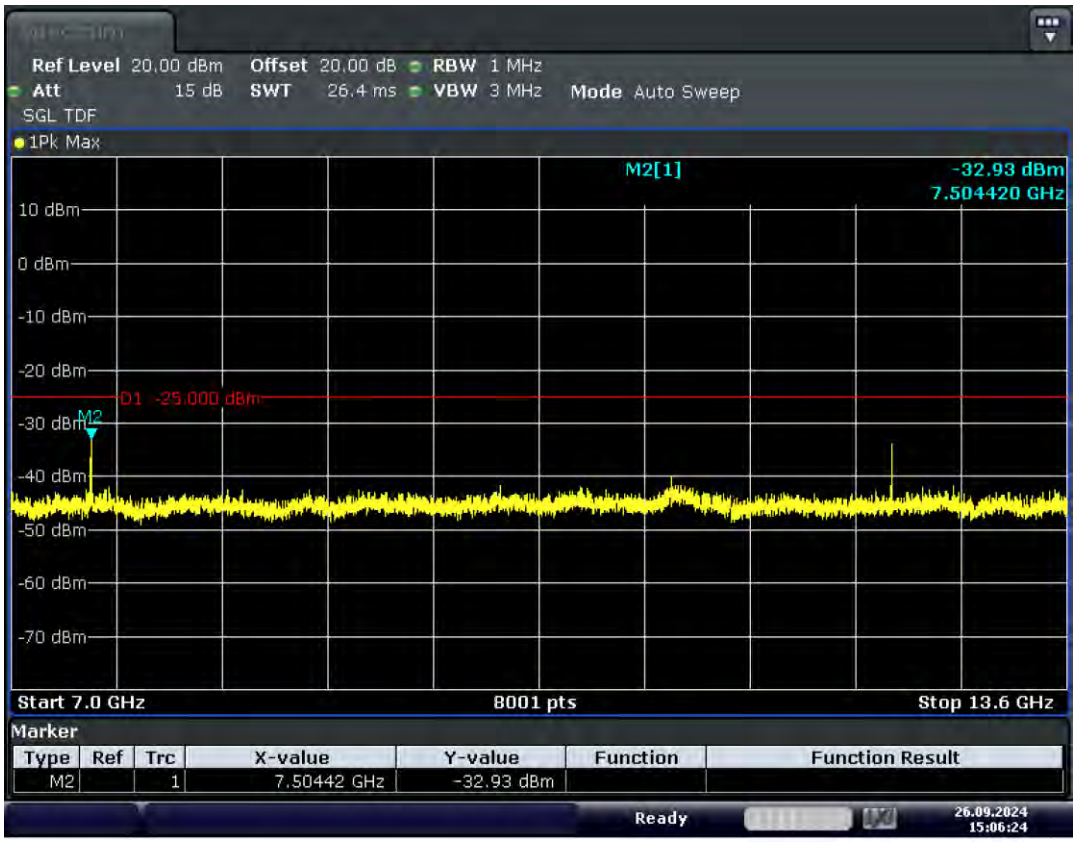


OB41-10-2501-QPSK-50#LOW@30mHz-1GHz@Pass

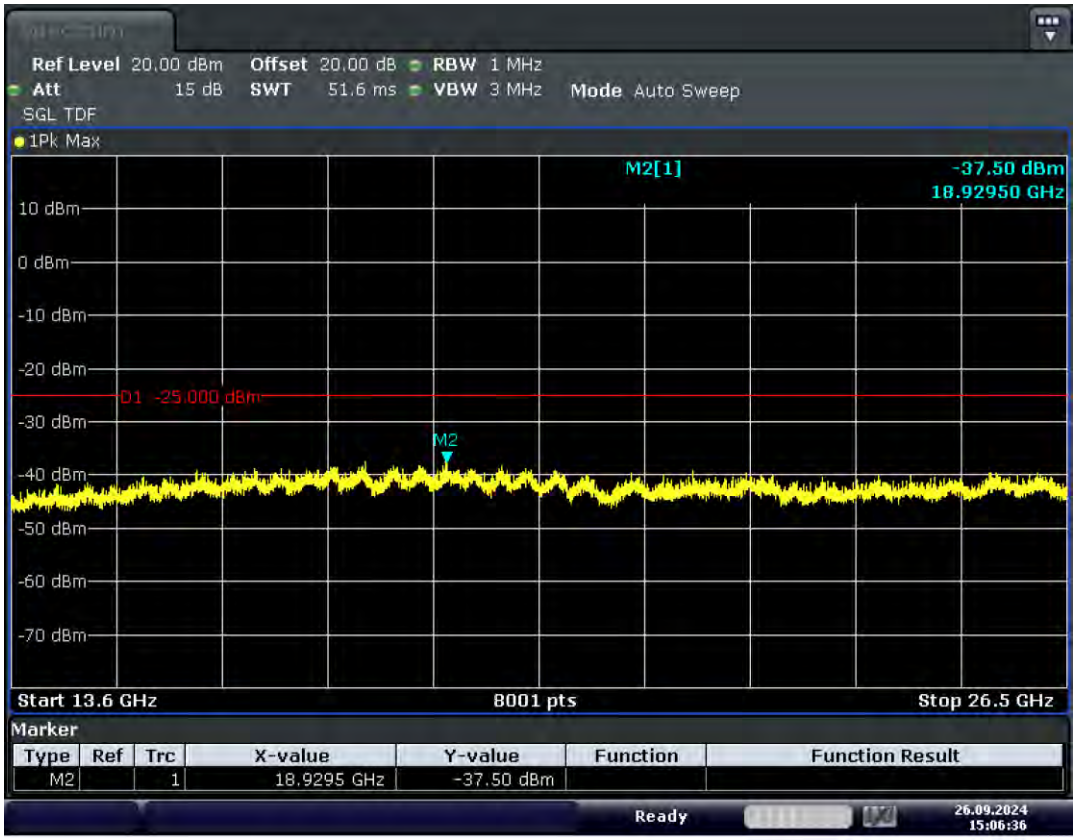


OB41-10-2501-QPSK-50#LOW@1GHz-7GHz@Pass

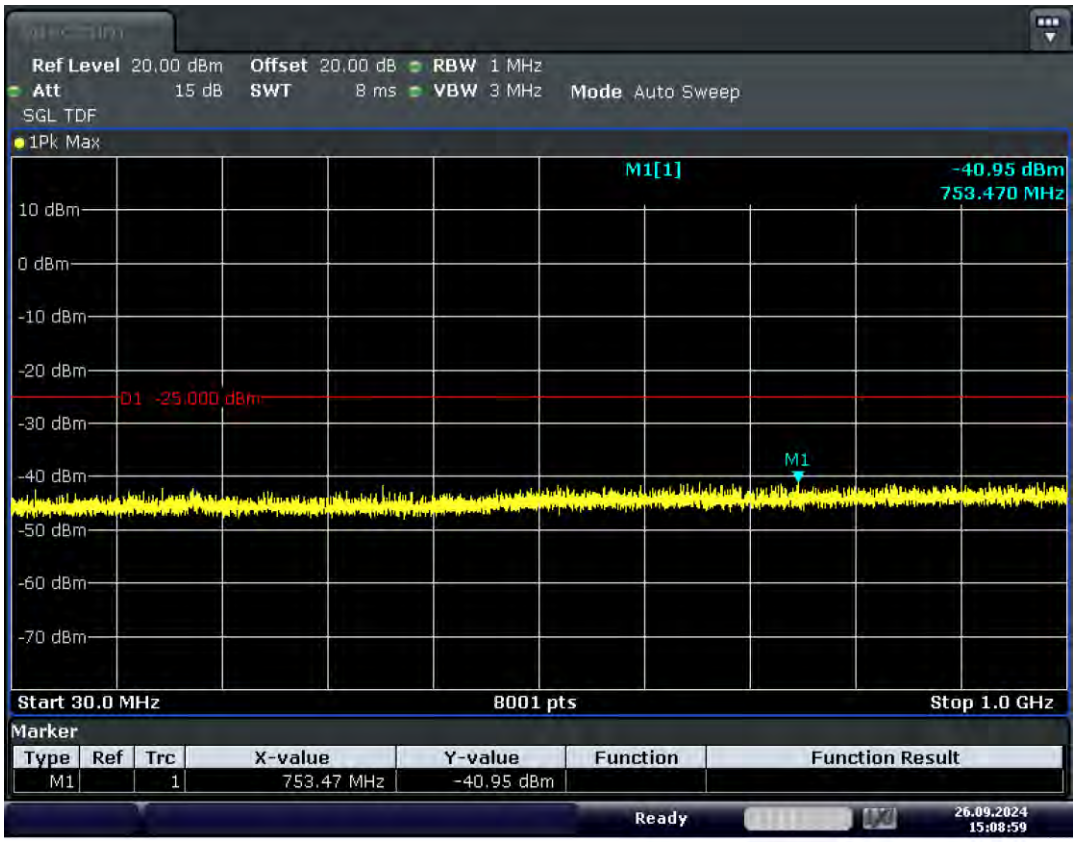
OB41-10-2501-QPSK-50#LOW@7GHz-13.6GHz@Pass



OB41-10-2501-QPSK-50#LOW@13.6GHz-26.5GHz@Pass

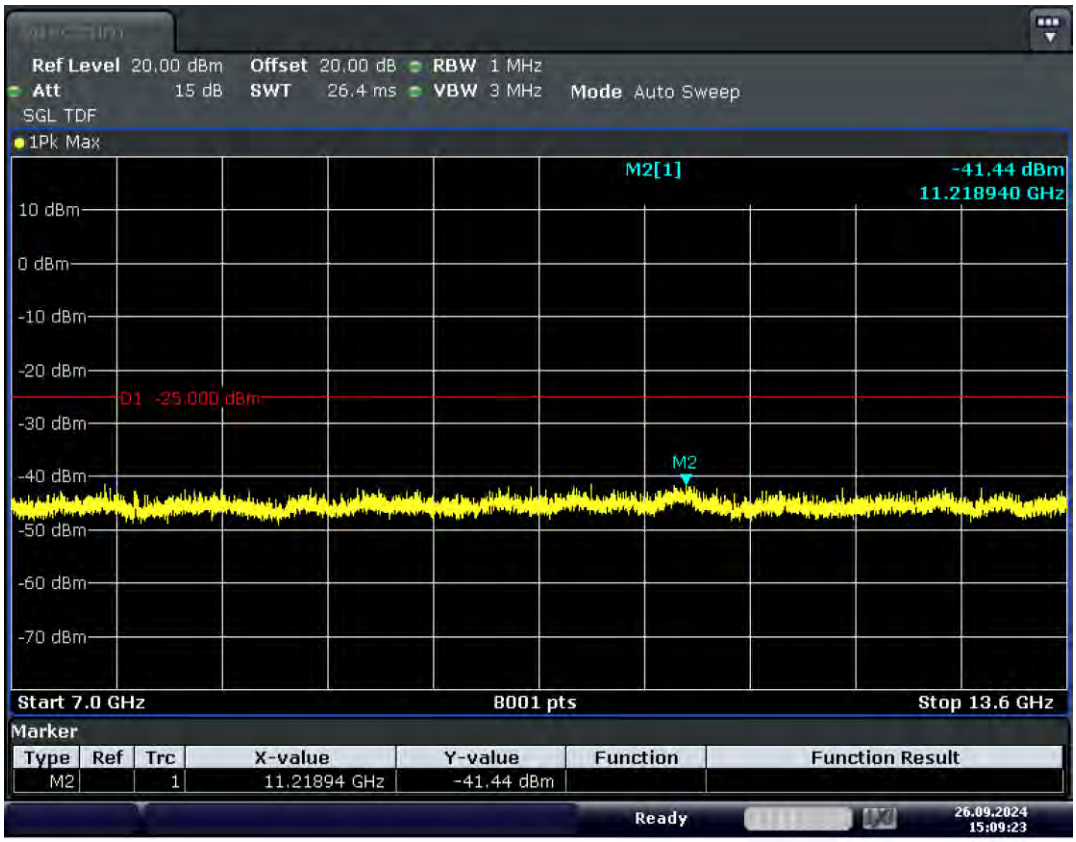


OB41-10-2593-QPSK-50#LOW@30mHz-1GHz@Pass

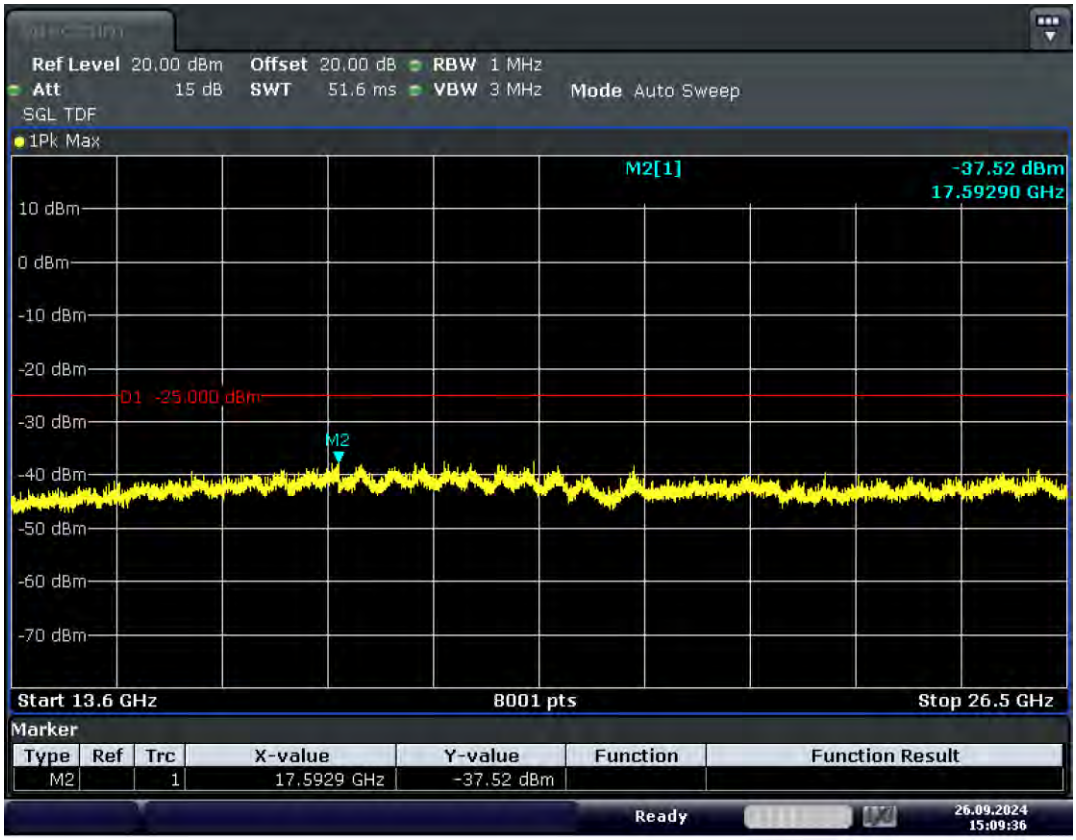


OB41-10-2593-QPSK-50#LOW@1GHz-7GHz@Pass

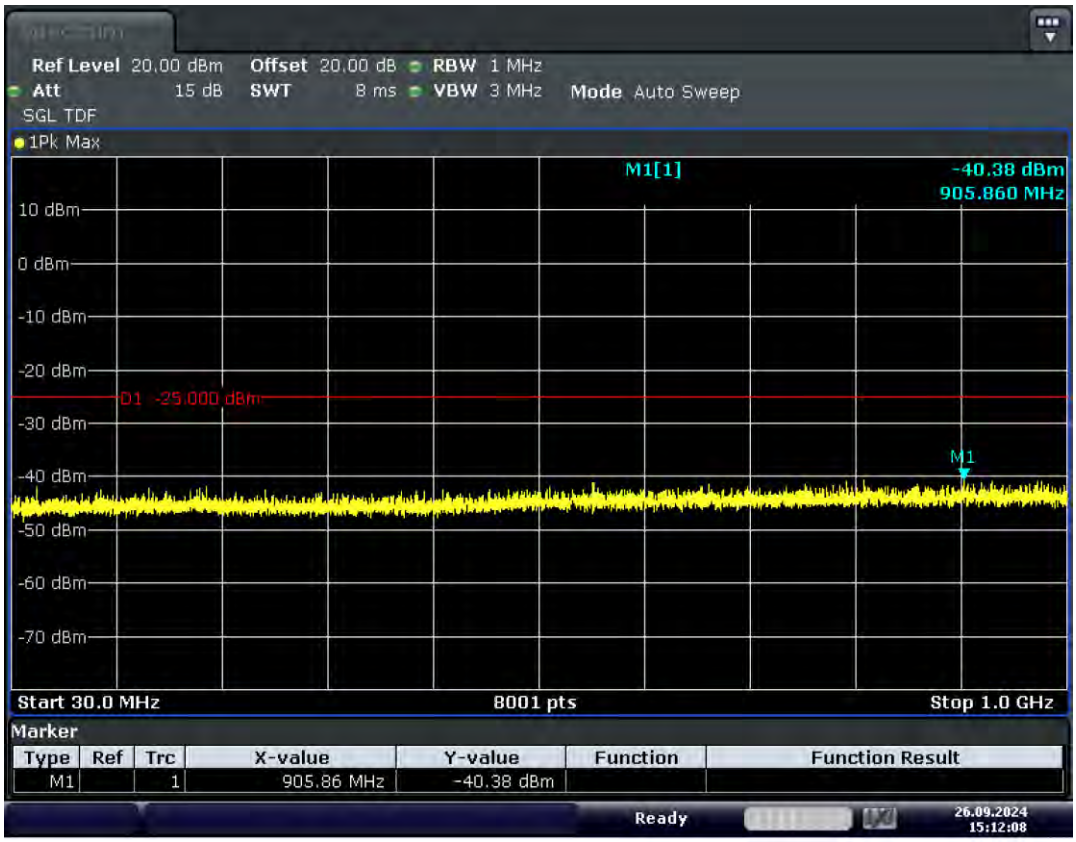
OB41-10-2593-QPSK-50#LOW@7GHz-13.6GHz@Pass



OB41-10-2593-QPSK-50#LOW@13.6GHz-26.5GHz@Pass

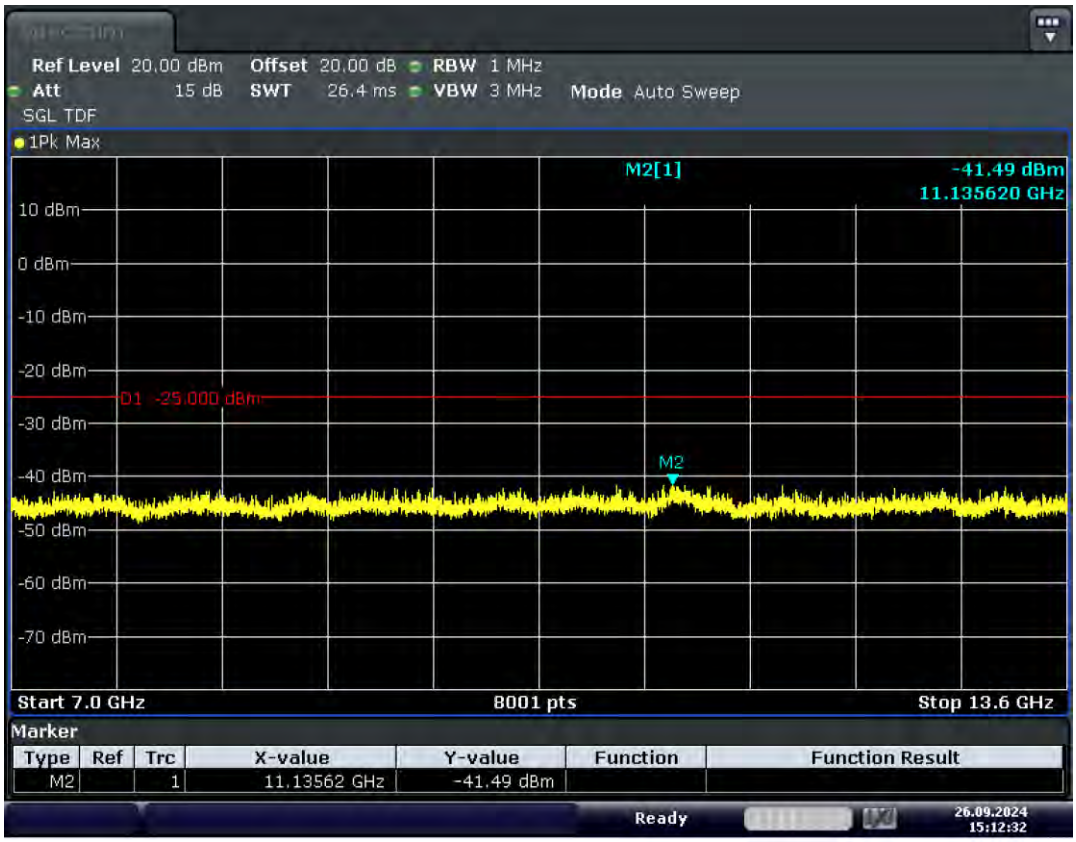


OB41-10-2685-QPSK-50#LOW@30mHz-1GHz@Pass

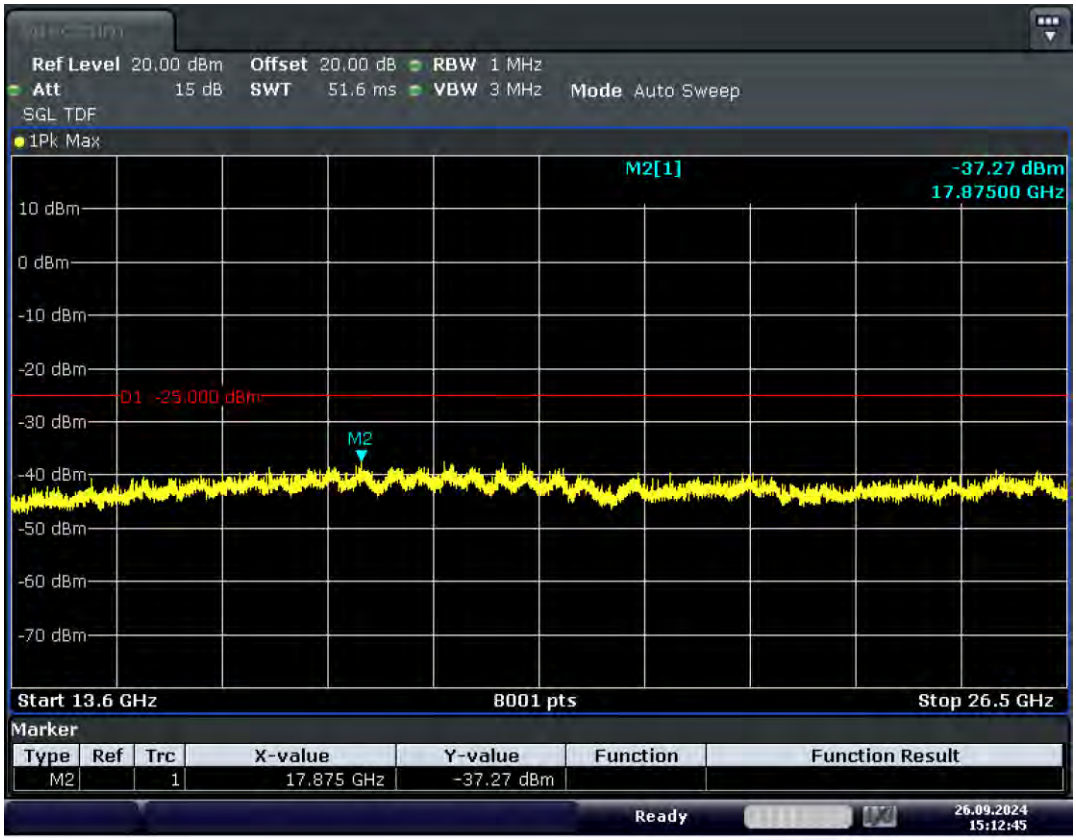


OB41-10-2685-QPSK-50#LOW@1GHz-7GHz@Pass

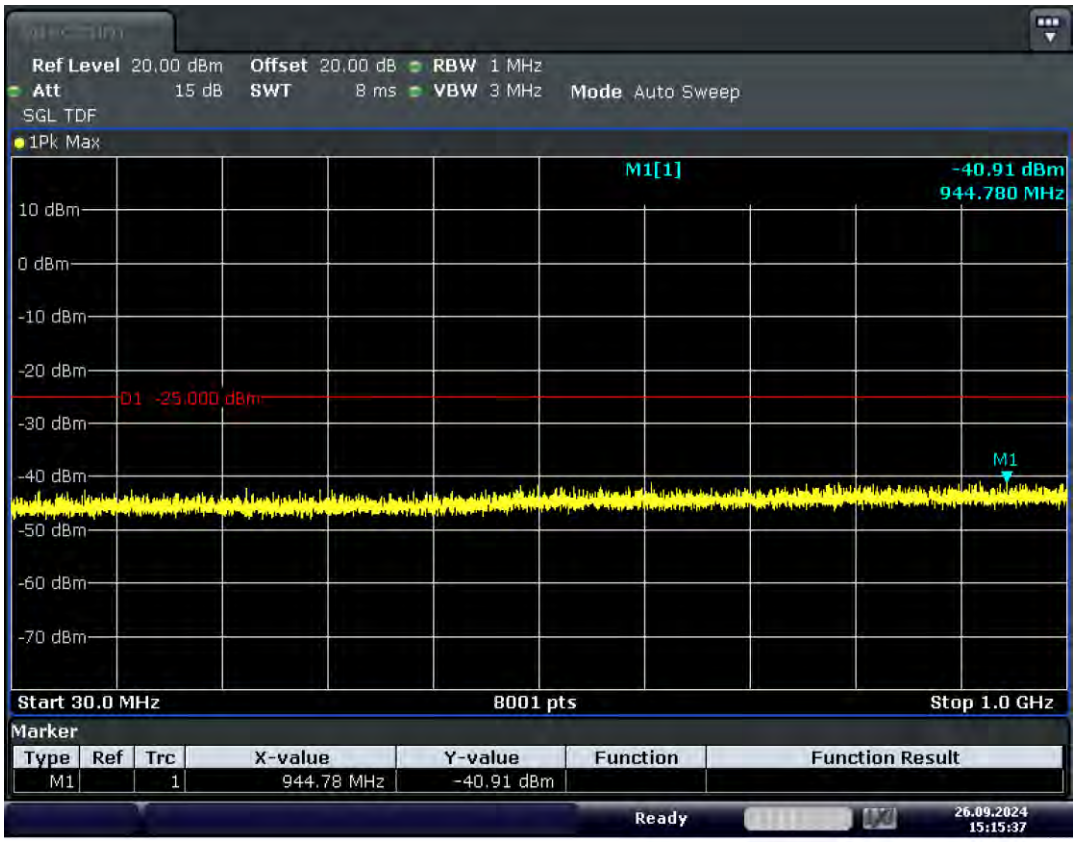
OB41-10-2685-QPSK-50#LOW@7GHz-13.6GHz@Pass



OB41-10-2685-QPSK-50#LOW@13.6GHz-26.5GHz@Pass

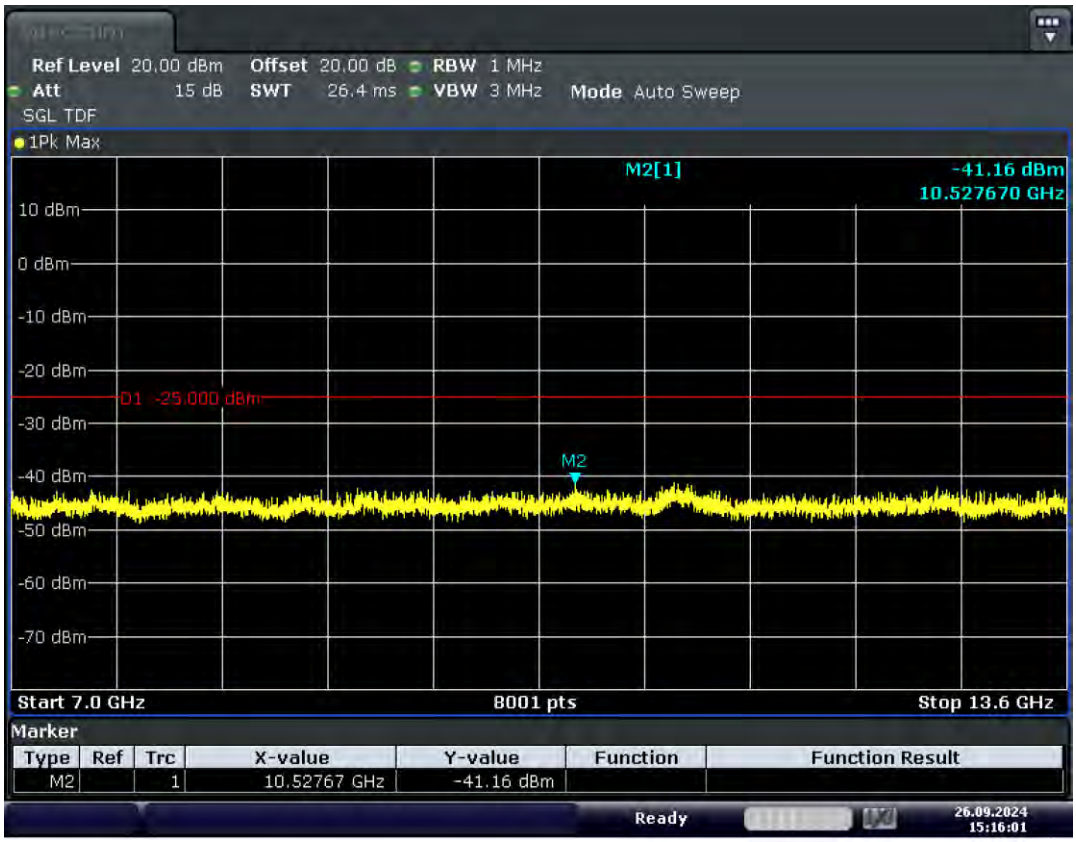


OB41-15-2503.5-QPSK-75#LOW@30mHz-1GHz@Pass

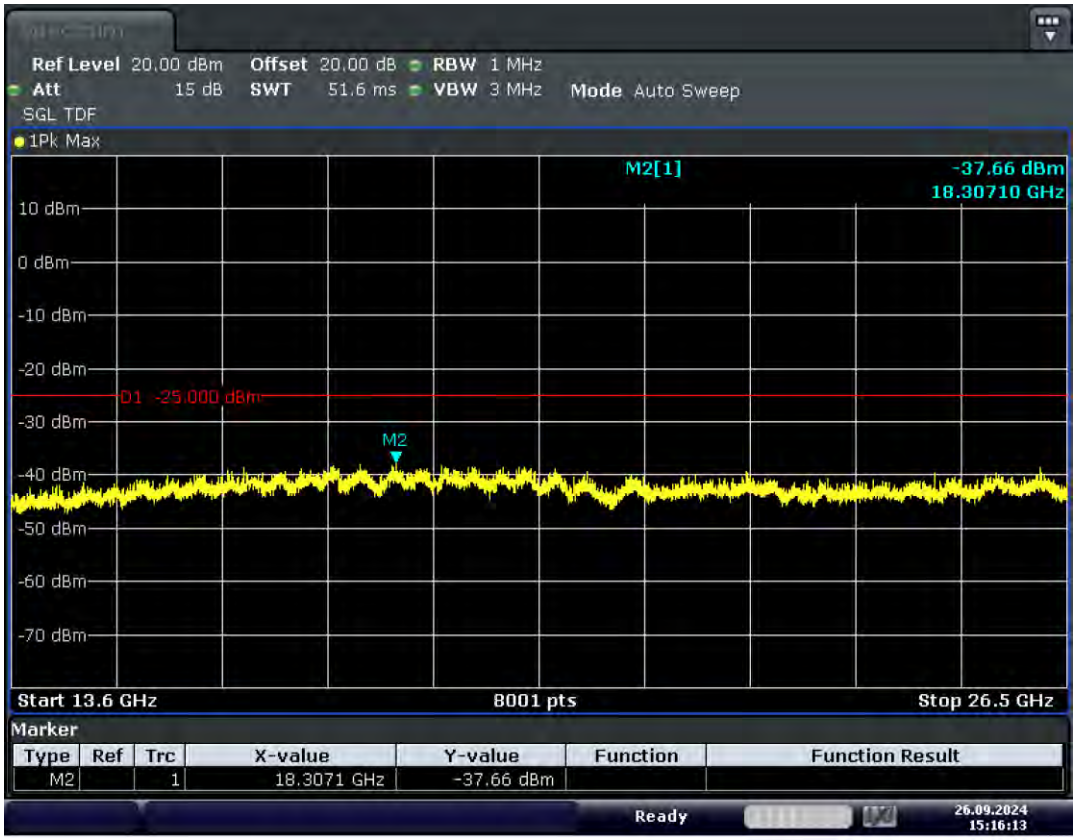


OB41-15-2503.5-QPSK-75#LOW@1GHz-7GHz@Pass

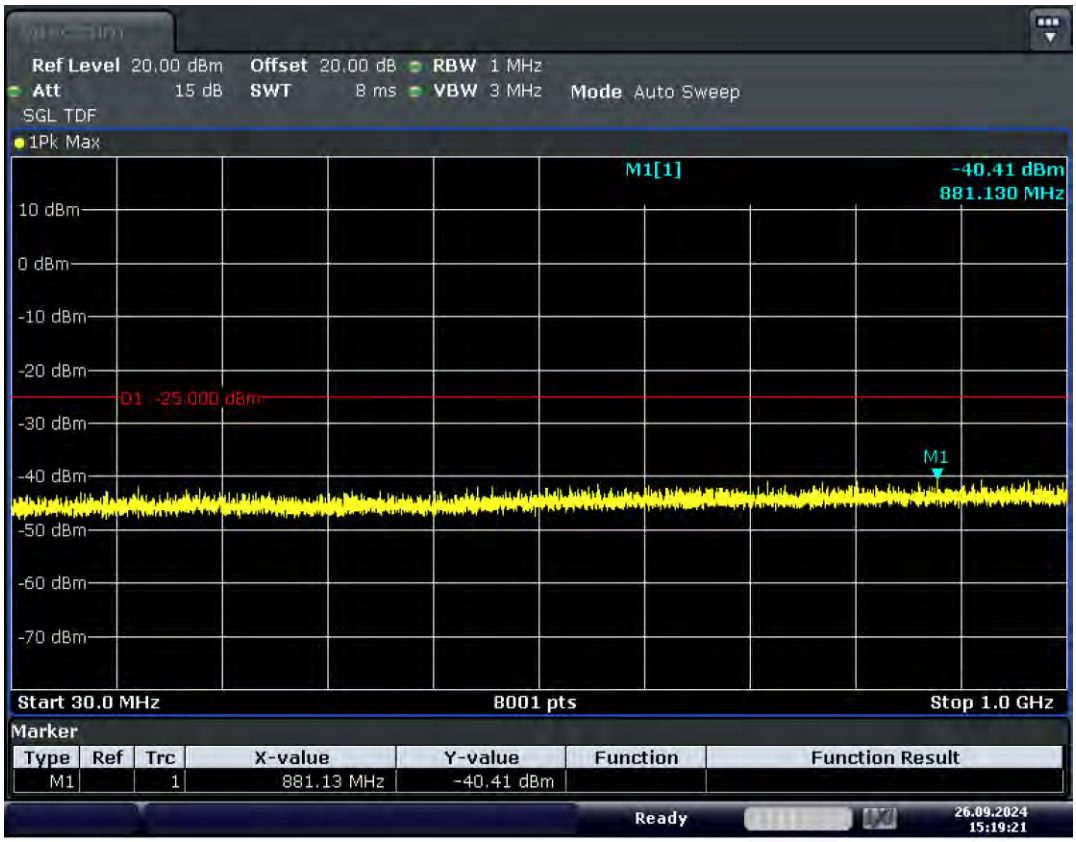
OB41-15-2503.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



OB41-15-2503.5-QPSK-75#LOW@13.6GHz-26.5GHz@Pass

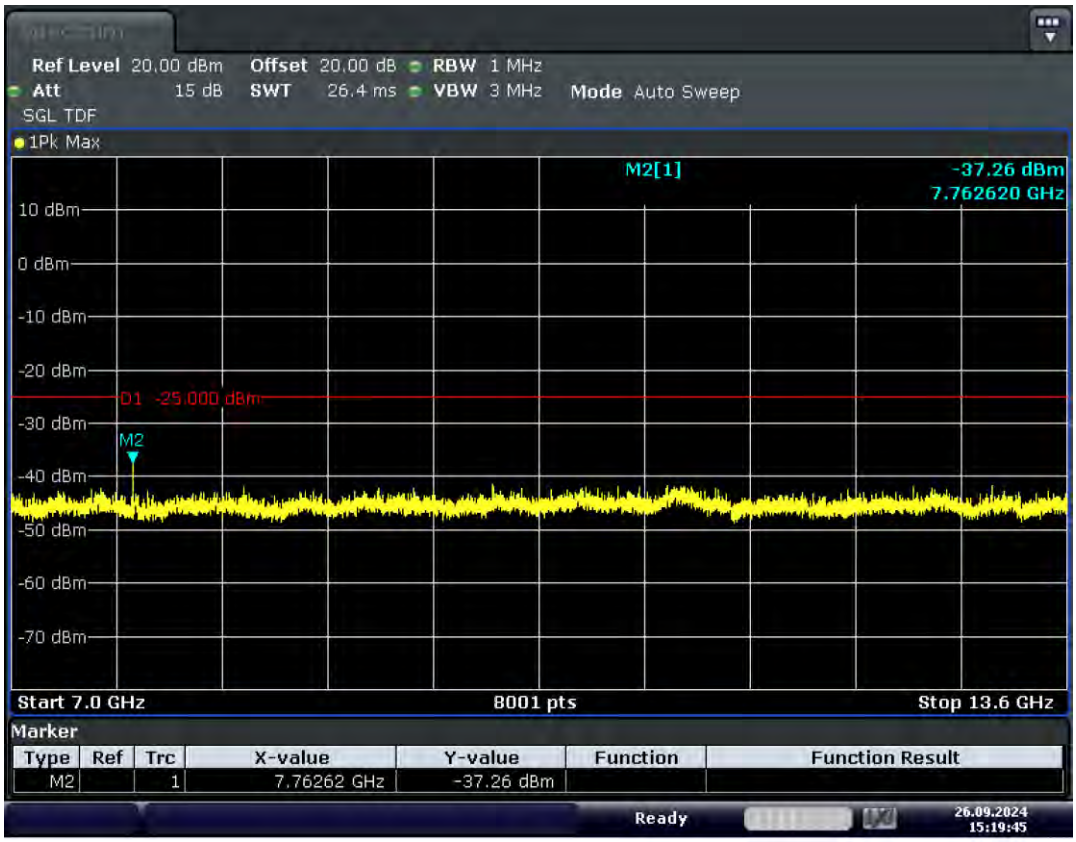


OB41-15-2593-QPSK-75#LOW@30mHz-1GHz@Pass

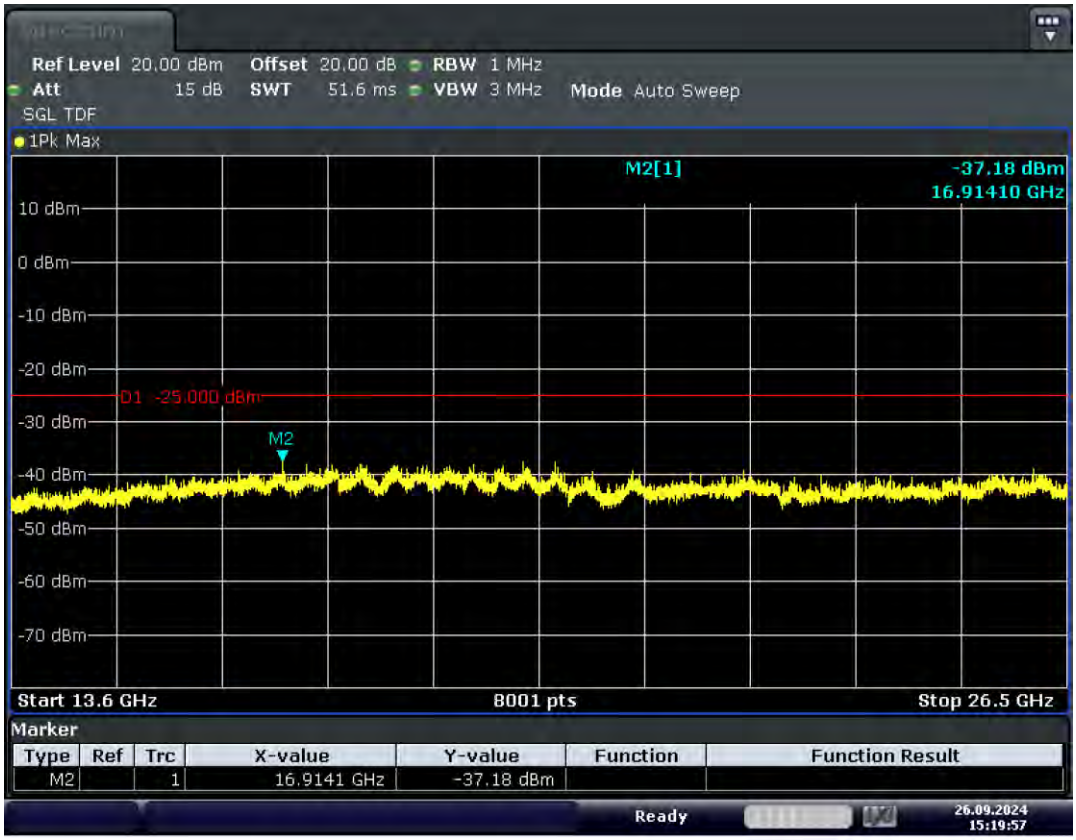


OB41-15-2593-QPSK-75#LOW@1GHz-7GHz@Pass

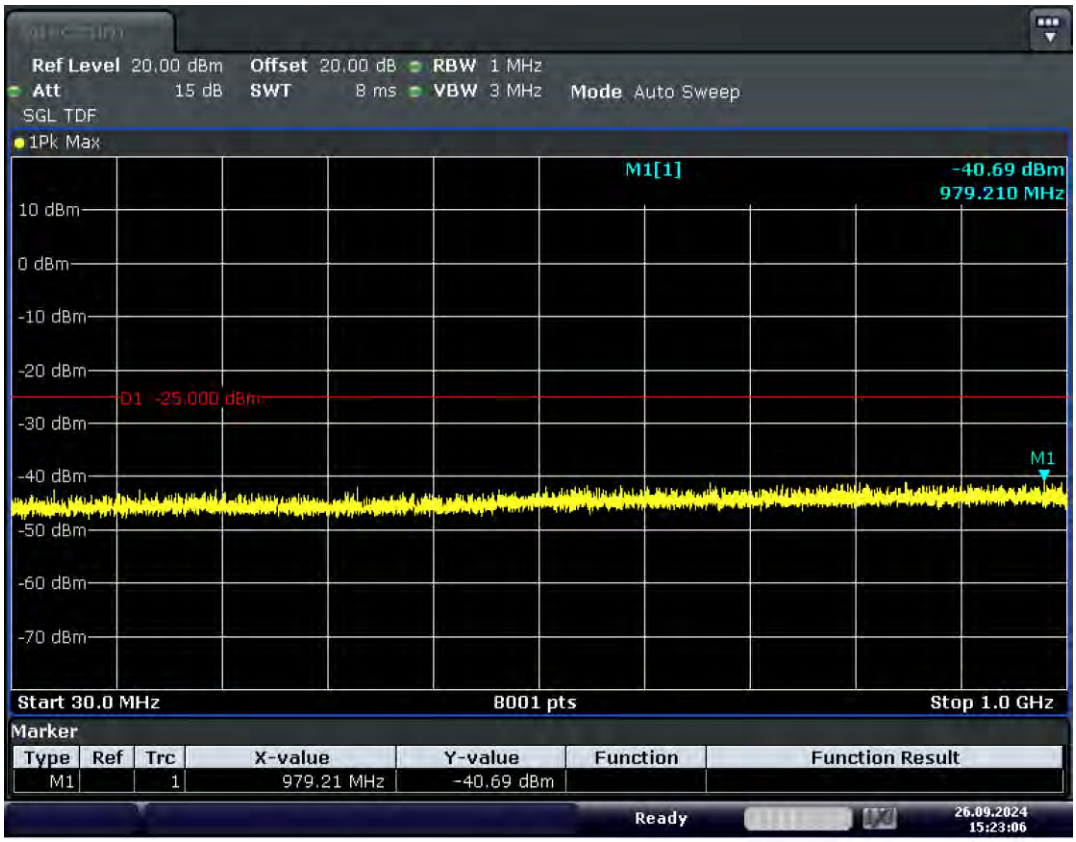
OB41-15-2593-QPSK-75#LOW@7GHz-13.6GHz@Pass



OB41-15-2593-QPSK-75#LOW@13.6GHz-26.5GHz@Pass

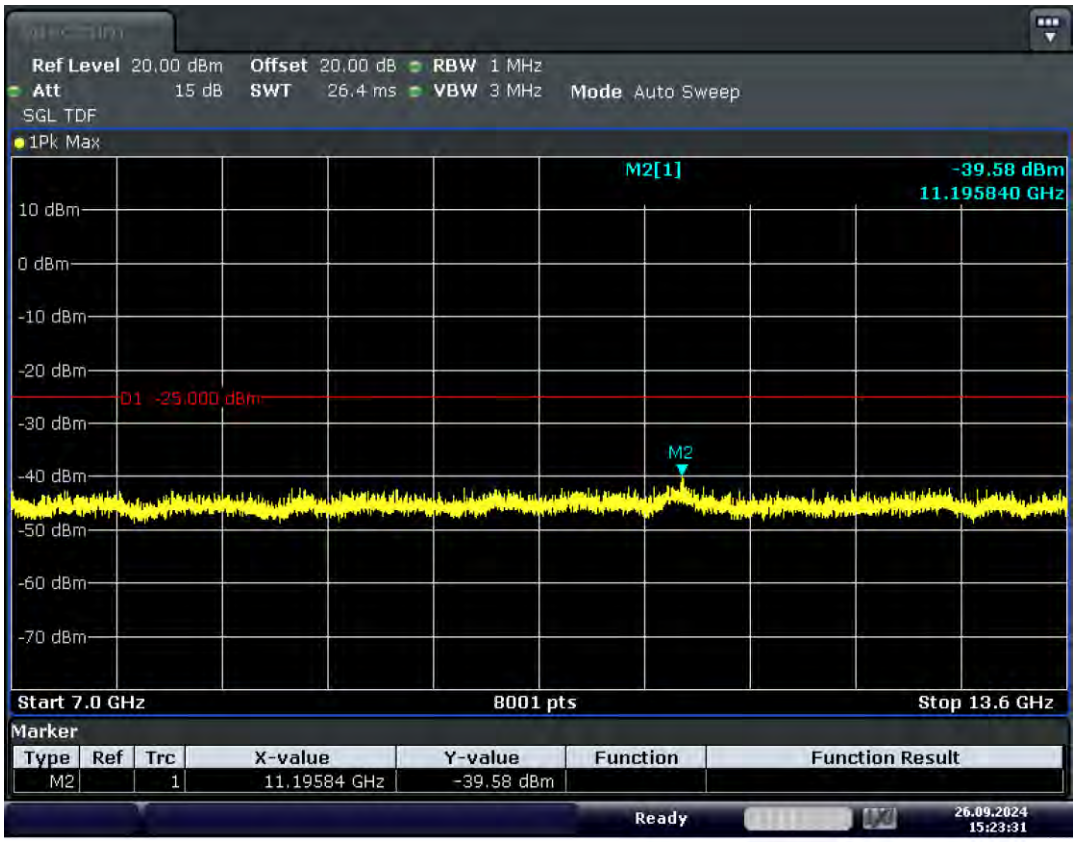


OB41-15-2682.5-QPSK-75#LOW@30mHz-1GHz@Pass

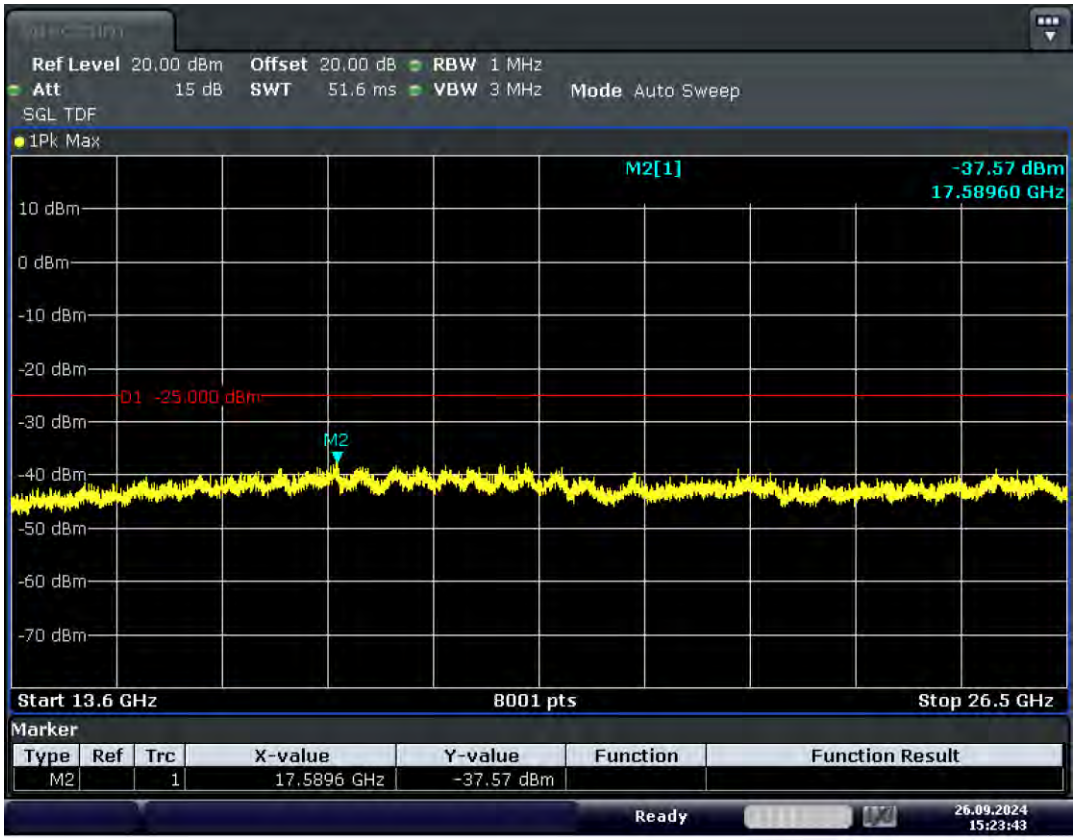


OB41-15-2682.5-QPSK-75#LOW@1GHz-7GHz@Pass

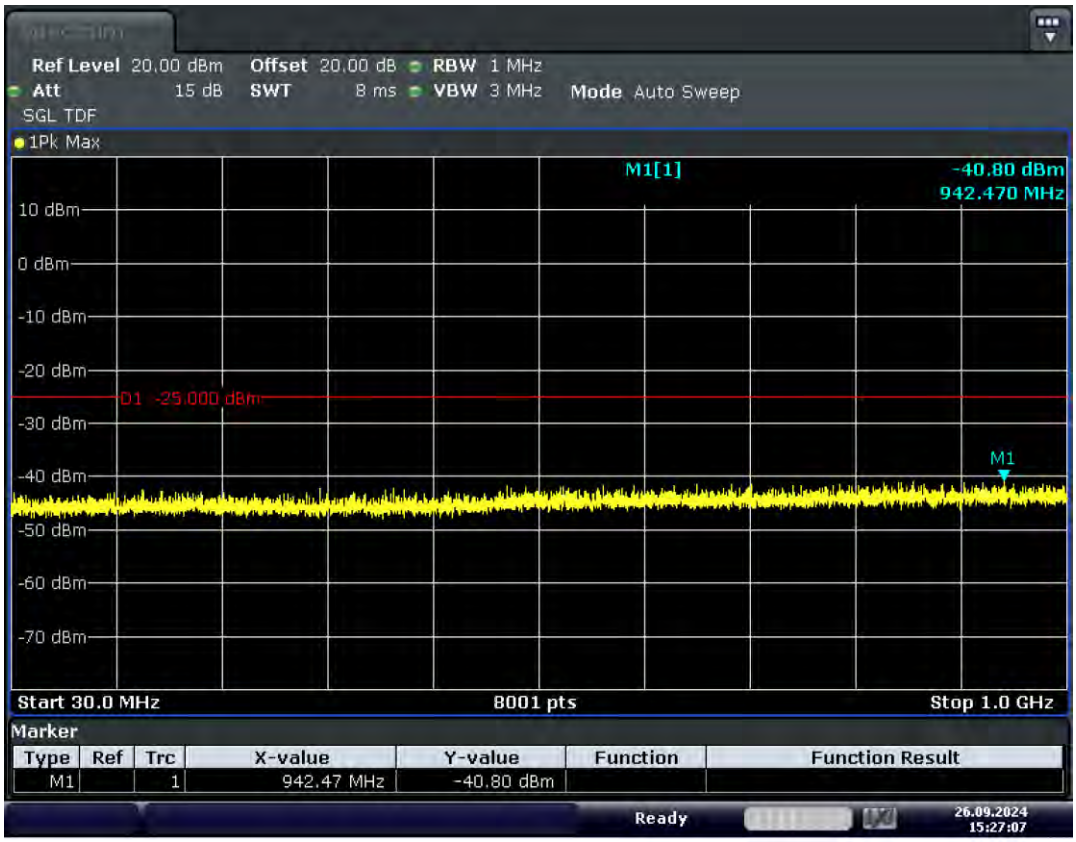
OB41-15-2682.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



OB41-15-2682.5-QPSK-75#LOW@13.6GHz-26.5GHz@Pass

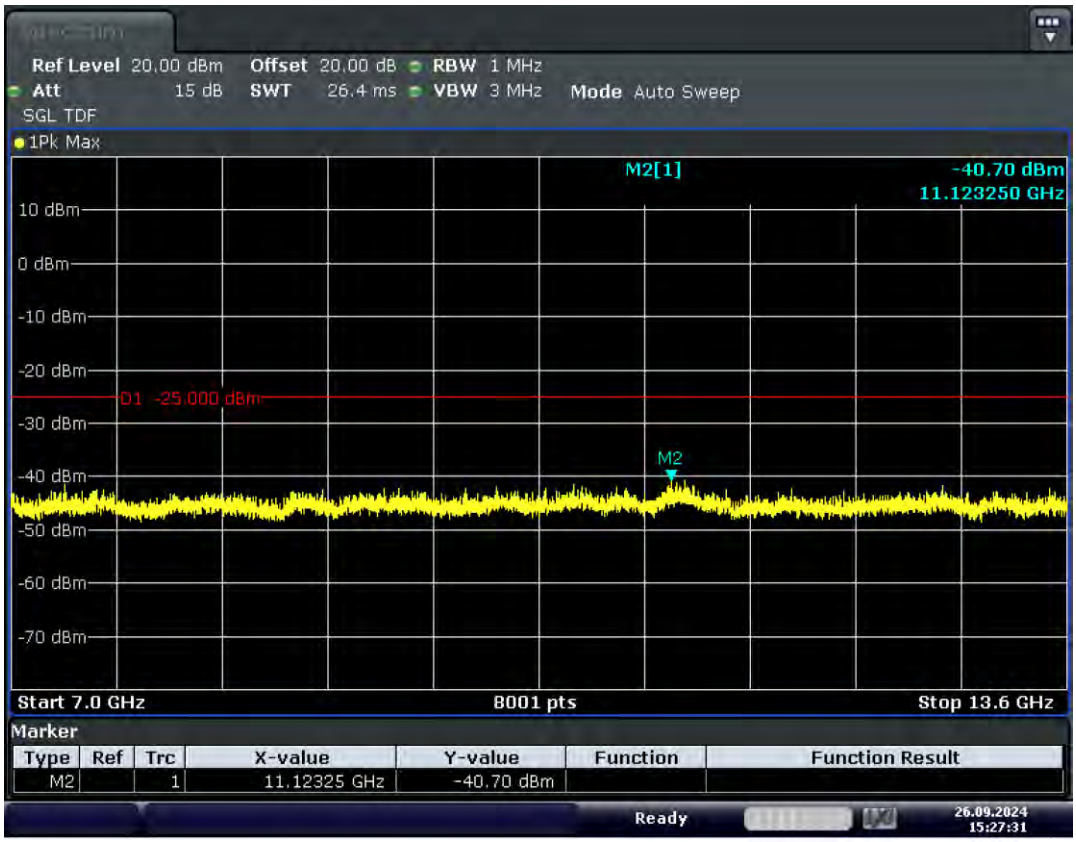


OB41-20-2506-QPSK-100#LOW@30mHz-1GHz@Pass

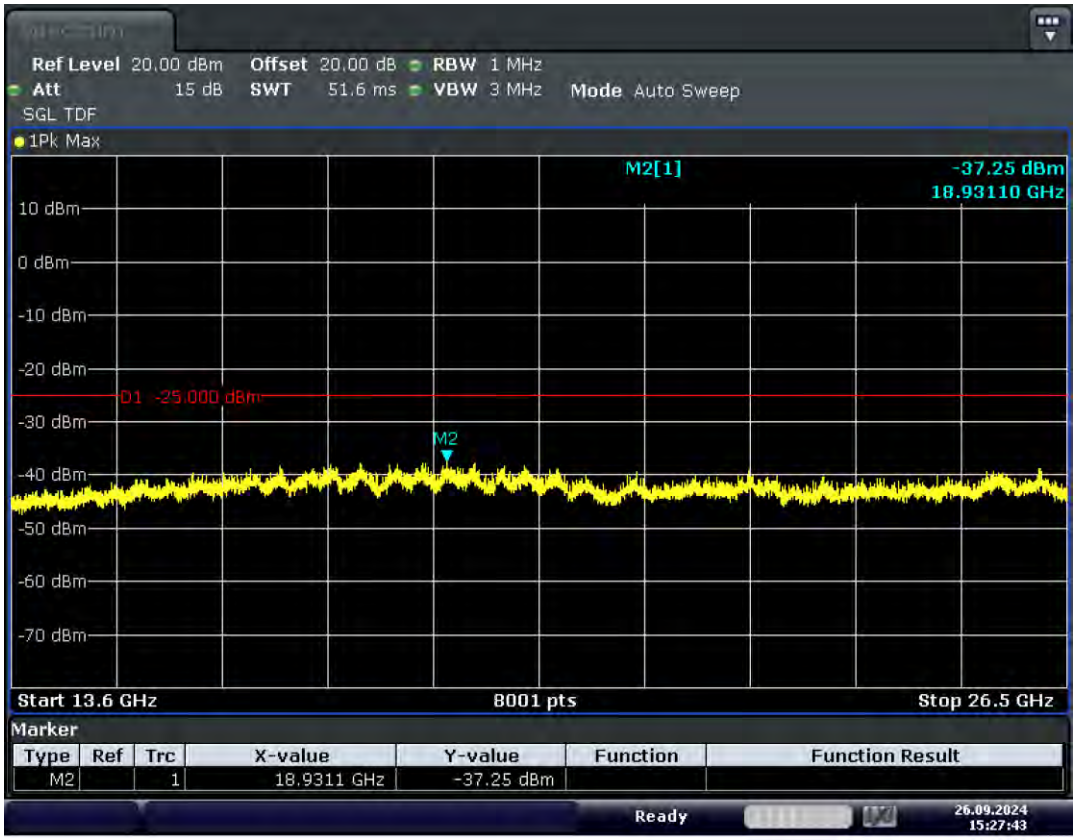


OB41-20-2506-QPSK-100#LOW@1GHz-7GHz@Pass

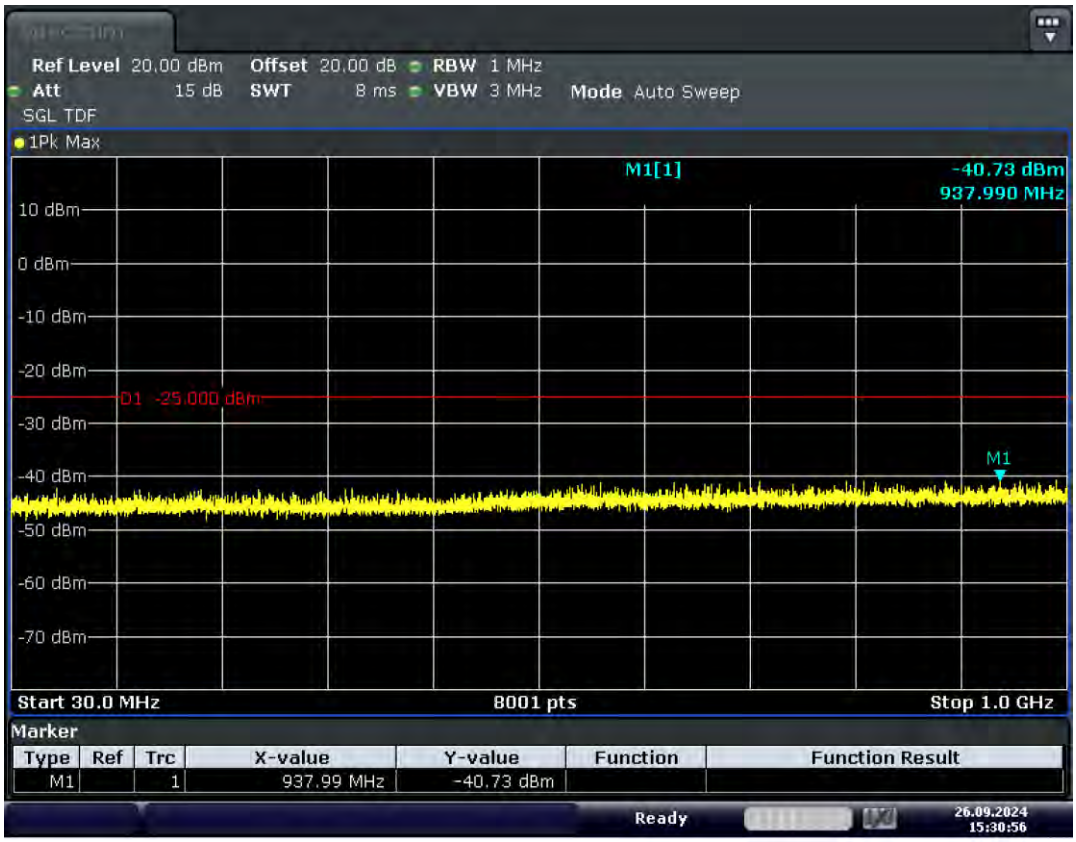
OB41-20-2506-QPSK-100#LOW@7GHz-13.6GHz@Pass



OB41-20-2506-QPSK-100#LOW@13.6GHz-26.5GHz@Pass

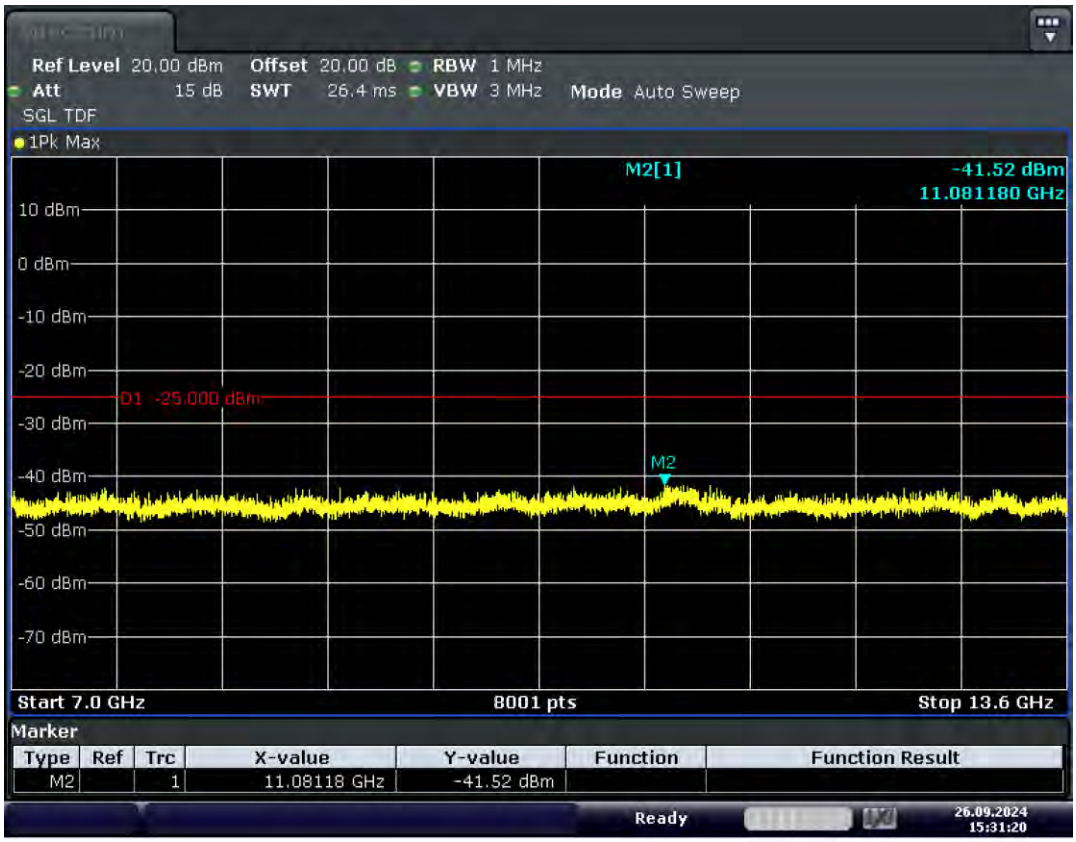


OB41-20-2593-QPSK-100#LOW@30mHz-1GHz@Pass

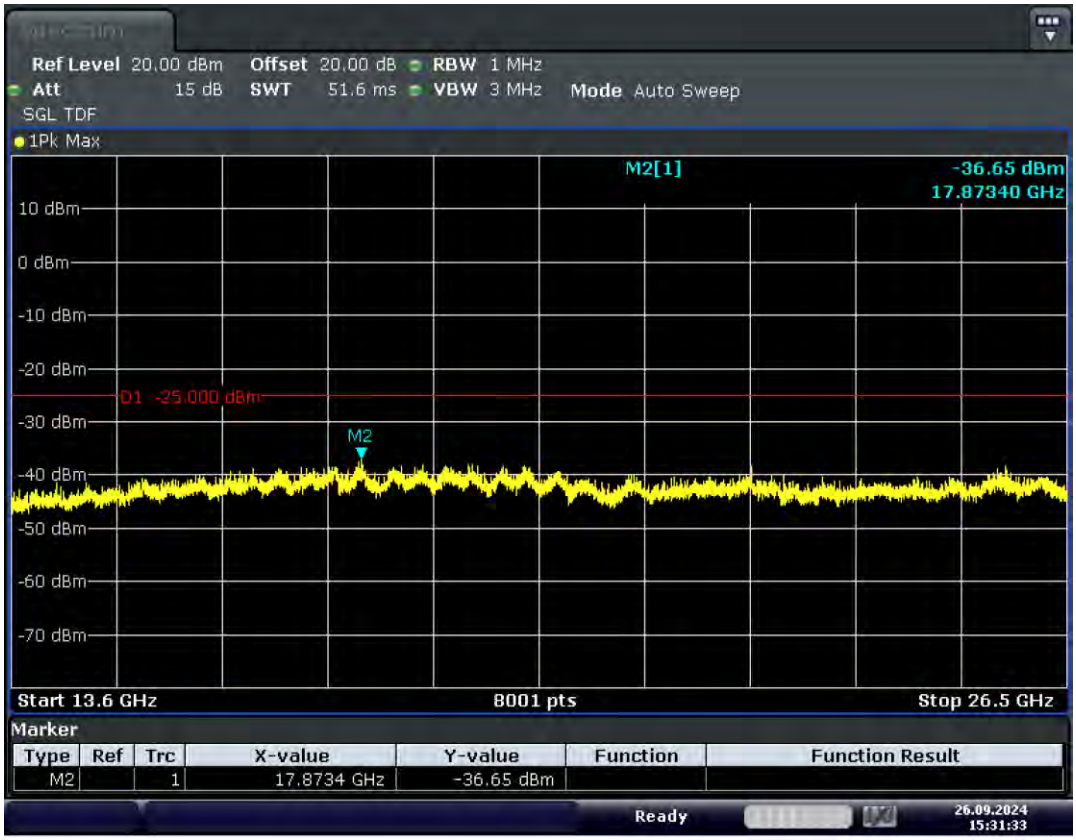


OB41-20-2593-QPSK-100#LOW@1GHz-7GHz@Pass

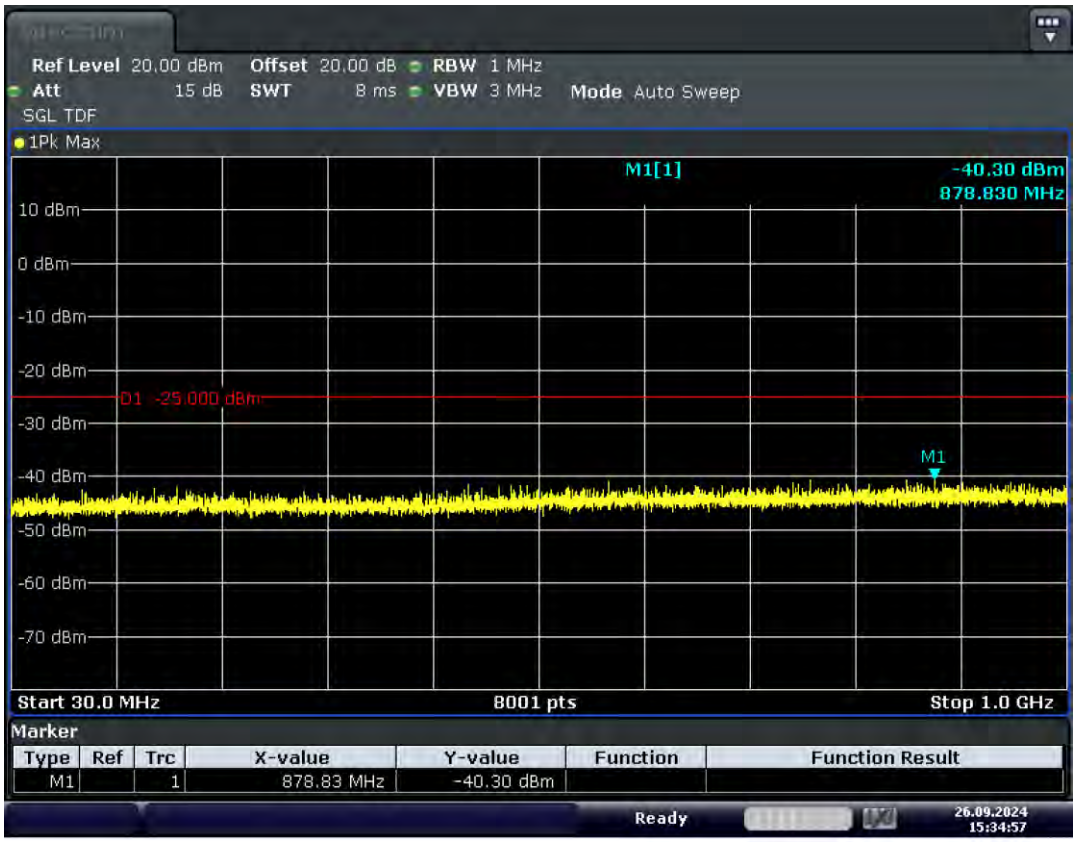
OB41-20-2593-QPSK-100#LOW@7GHz-13.6GHz@Pass



OB41-20-2593-QPSK-100#LOW@13.6GHz-26.5GHz@Pass

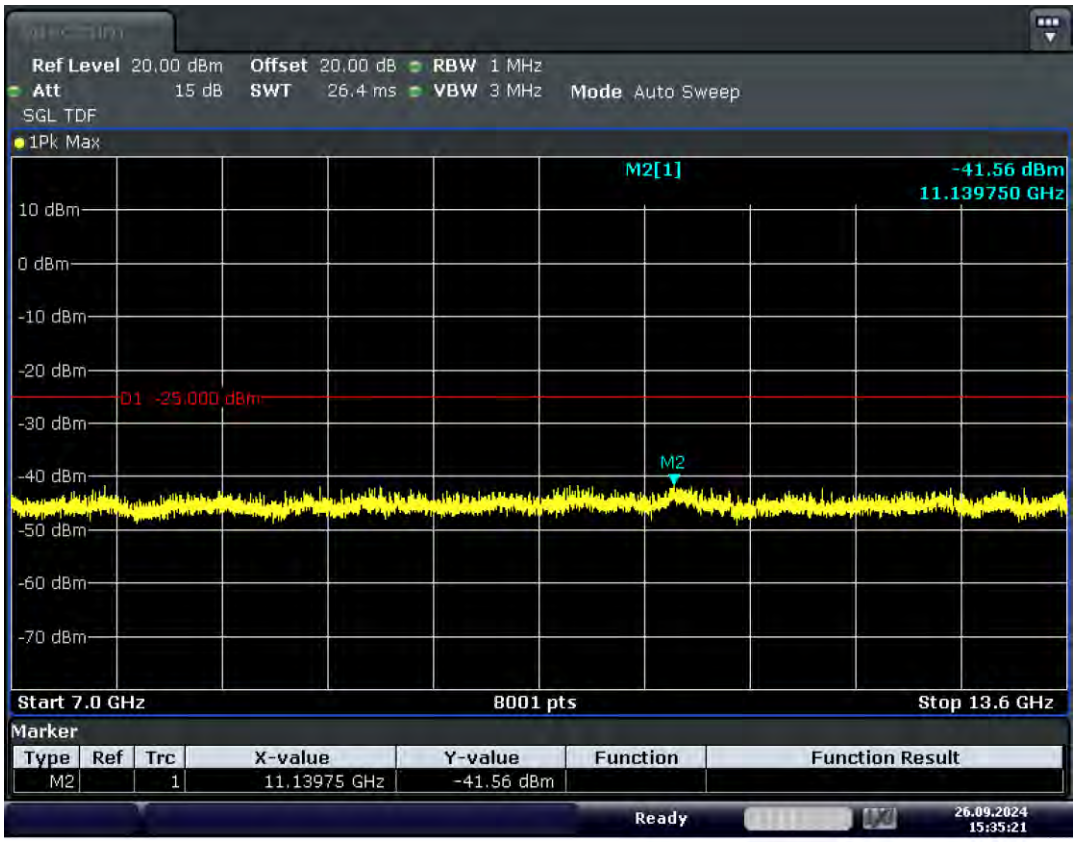


OB41-20-2680-QPSK-100#LOW@30mHz-1GHz@Pass

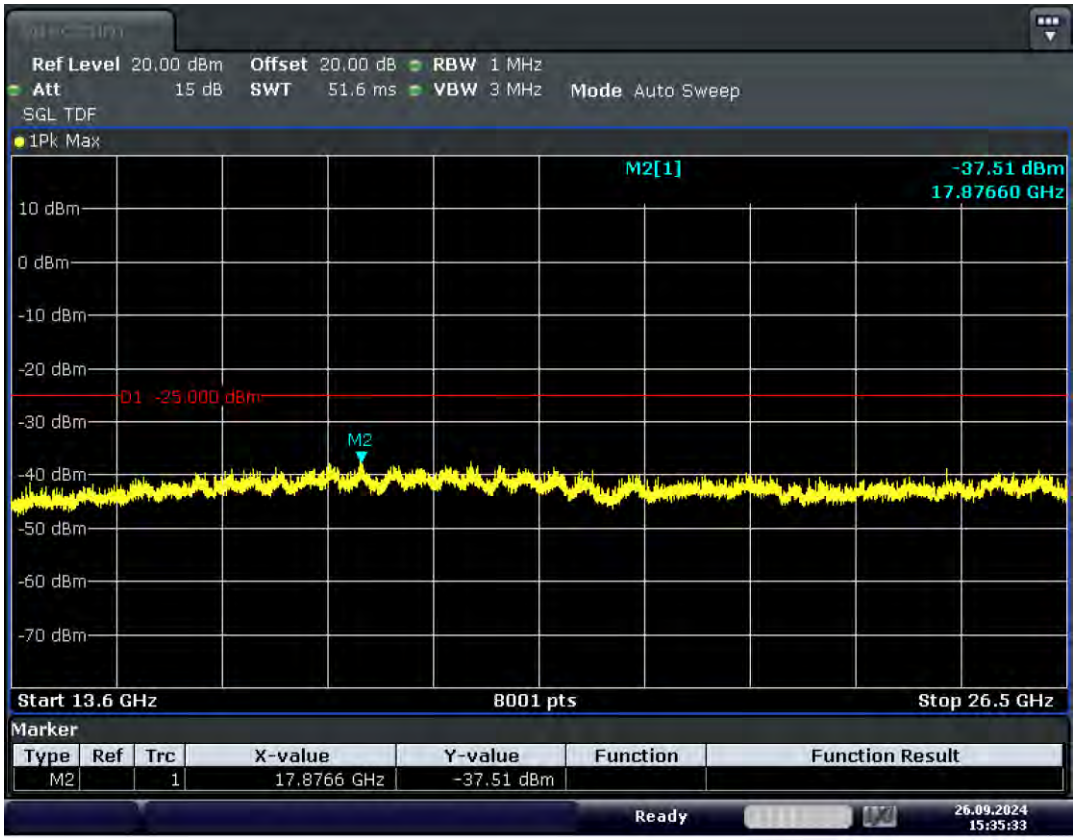


OB41-20-2680-QPSK-100#LOW@1GHz-7GHz@Pass

OB41-20-2680-QPSK-100#LOW@7GHz-13.6GHz@Pass



OB41-20-2680-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
Band41	5	2498.5	QPSK	25	LOW	4.548	4.935	No limit
Band41	5	2498.5	16QAM	25	LOW	4.568	5.025	No limit
Band41	5	2593	QPSK	25	LOW	4.588	5.065	No limit
Band41	5	2593	16QAM	25	LOW	4.593	5.32	No limit
Band41	5	2687.5	QPSK	25	LOW	4.583	4.94	No limit
Band41	5	2687.5	16QAM	25	LOW	4.563	4.925	No limit
Band41	10	2501	QPSK	50	LOW	9.225	11.16	No limit
Band41	10	2501	16QAM	27	LOW	5.237	7.65	No limit
Band41	10	2593	QPSK	50	LOW	9.235	10.8	No limit
Band41	10	2593	16QAM	27	LOW	5.307	7.31	No limit
Band41	10	2685	QPSK	50	LOW	9.195	10.41	No limit
Band41	10	2685	16QAM	27	LOW	5.247	6.67	No limit
Band41	15	2503.5	QPSK	75	LOW	13.568	14.91	No limit
Band41	15	2503.5	16QAM	27	LOW	5.247	6.705	No limit
Band41	15	2593	QPSK	75	LOW	13.583	14.91	No limit
Band41	15	2593	16QAM	27	LOW	5.322	6.405	No limit
Band41	15	2682.5	QPSK	75	LOW	13.538	14.76	No limit
Band41	15	2682.5	16QAM	27	LOW	5.262	6.135	No limit
Band41	20	2506	QPSK	100	LOW	18.431	20.26	No limit
Band41	20	2506	16QAM	27	LOW	5.997	7.46	No limit
Band41	20	2593	QPSK	100	LOW	18.451	23.86	No limit
Band41	20	2680	QPSK	100	LOW	18.371	20.22	No limit
Band41	20	2680	16QAM	27	LOW	5.977	7.38	No limit

Band41-5-2498.5-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band41-5-2498.5-16QAM-25#LOW@26dB and 99PCT Bandwidth

Band41-5-2593-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band41-5-2593-16QAM-25#LOW@26dB and 99PCT Bandwidth

Band41-5-2687.5-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band41-5-2687.5-16QAM-25#LOW@26dB and 99PCT Bandwidth

Band41-10-2501-QPSK-50#LOW@26dB and 99PCT Bandwidth

Band41-10-2501-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band41-10-2593-QPSK-50#LOW@26dB and 99PCT Bandwidth

Band41-10-2593-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band41-10-2685-QPSK-50#LOW@26dB and 99PCT Bandwidth

Band41-10-2685-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band41-15-2503.5-QPSK-75#LOW@26dB and 99PCT Bandwidth

Band41-15-2503.5-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band41-15-2593-QPSK-75#LOW@26dB and 99PCT Bandwidth

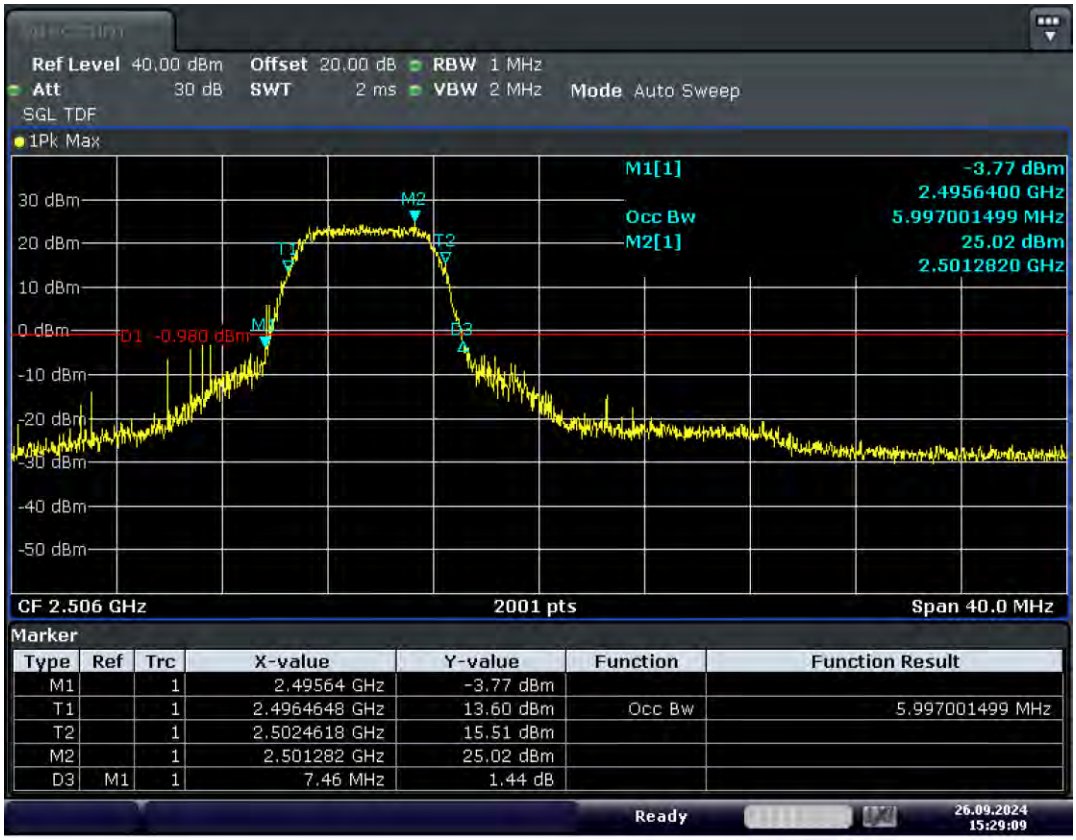
Band41-15-2593-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band41-15-2682.5-QPSK-75#LOW@26dB and 99PCT Bandwidth

Band41-15-2682.5-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band41-20-2506-QPSK-100#LOW@26dB and 99PCT Bandwidth

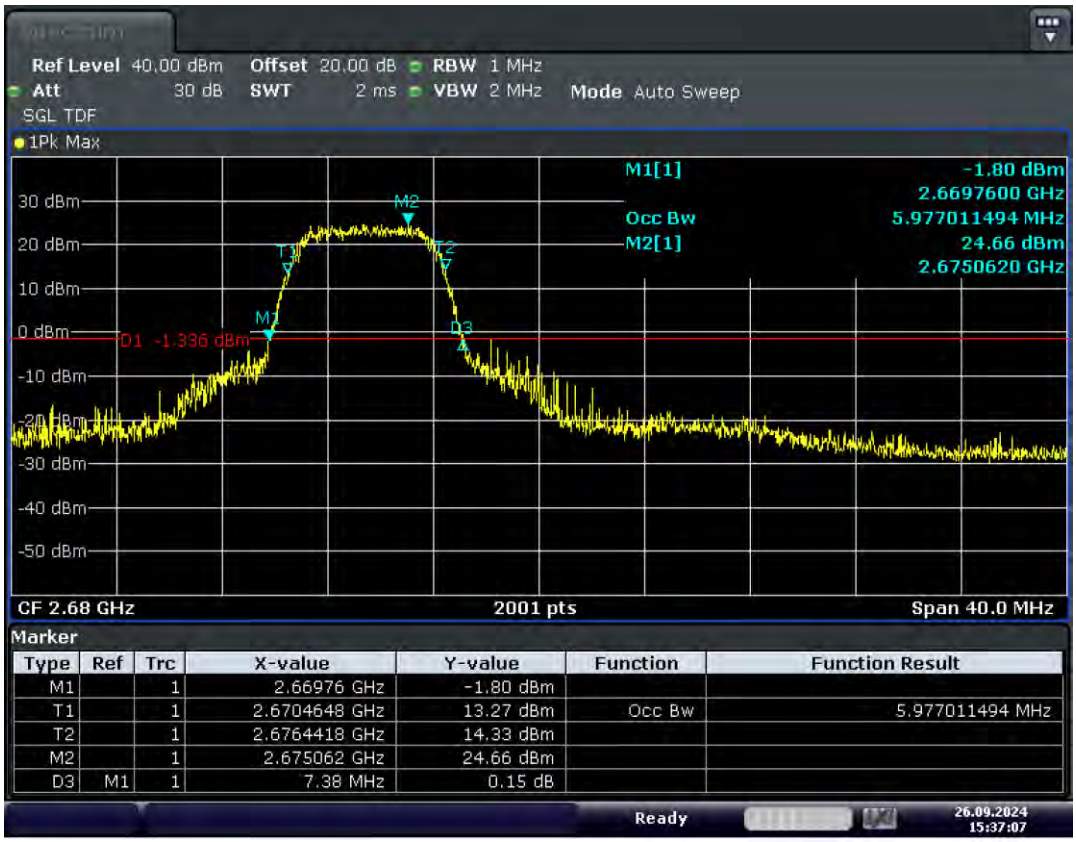
Band41-20-2506-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band41-20-2593-QPSK-100#LOW@26dB and 99PCT Bandwidth

Band41-20-2680-QPSK-100#LOW@26dB and 99PCT Bandwidth

Band41-20-2680-16QAM-27#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0682	PASS
40	Normal Voltage	0.0367	
30	Normal Voltage	0.0187	
20(Ref.)	Normal Voltage	0.0264	
10	Normal Voltage	0.0596	
0	Normal Voltage	0.0195	
-10	Normal Voltage	0.0405	
-20	Normal Voltage	0.0395	
-30	Normal Voltage	0.0163	
20	Maximum Voltage	0.0167	
20	Normal Voltage	0.0256	
20	Battery End Point	0.0649	

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
Band41	5	2498.5	QPSK	25	LOW	22.37	28.84	6.47	13	1.96	24.33	33	Pass
Band41	5	2498.5	QPSK	12	LOW	23.95	29.81	5.86	13	1.96	25.91	33	Pass
Band41	5	2498.5	QPSK	12	MID	23.91	30.69	6.78	13	1.96	25.87	33	Pass
Band41	5	2498.5	QPSK	12	HIGH	23.84	29.68	5.84	13	1.96	25.8	33	Pass
Band41	5	2498.5	QPSK	1	LOW	23.75	29.07	5.32	13	1.96	25.71	33	Pass
Band41	5	2498.5	QPSK	1	MID	22.96	28.74	5.78	13	1.96	24.92	33	Pass
Band41	5	2498.5	QPSK	1	HIGH	22.9	28.9	6	13	1.96	24.86	33	Pass
Band41	5	2498.5	16QAM	25	LOW	23.32	30.04	6.72	13	1.96	25.28	33	Pass
Band41	5	2498.5	16QAM	12	LOW	23.94	29.87	5.93	13	1.96	25.9	33	Pass
Band41	5	2498.5	16QAM	12	MID	23.51	29.14	5.63	13	1.96	25.47	33	Pass
Band41	5	2498.5	16QAM	12	HIGH	23.61	29.61	6	13	1.96	25.57	33	Pass
Band41	5	2498.5	16QAM	1	LOW	23.93	29.38	5.45	13	1.96	25.89	33	Pass
Band41	5	2498.5	16QAM	1	MID	24.04	28.99	4.95	13	1.96	26	33	Pass
Band41	5	2498.5	16QAM	1	HIGH	23.76	29.45	5.69	13	1.96	25.72	33	Pass
Band41	5	2593	QPSK	25	LOW	23.91	30.93	7.02	13	1.96	25.87	33	Pass
Band41	5	2593	QPSK	12	LOW	23.61	30.45	6.84	13	1.96	25.57	33	Pass
Band41	5	2593	QPSK	12	MID	23.71	30.85	7.14	13	1.96	25.67	33	Pass
Band41	5	2593	QPSK	12	HIGH	23.47	31.12	7.65	13	1.96	25.43	33	Pass
Band41	5	2593	QPSK	1	LOW	23.28	29.2	5.92	13	1.96	25.24	33	Pass
Band41	5	2593	QPSK	1	MID	23.38	30	6.62	13	1.96	25.34	33	Pass
Band41	5	2593	QPSK	1	HIGH	22.99	28.35	5.36	13	1.96	24.95	33	Pass
Band41	5	2593	16QAM	25	LOW	23.33	31.29	7.96	13	1.96	25.29	33	Pass
Band41	5	2593	16QAM	12	LOW	23.46	30.28	6.82	13	1.96	25.42	33	Pass
Band41	5	2593	16QAM	12	MID	23.6	30.71	7.11	13	1.96	25.56	33	Pass
Band41	5	2593	16QAM	12	HIGH	23.57	31.07	7.5	13	1.96	25.53	33	Pass
Band41	5	2593	16QAM	1	LOW	23.97	30.2	6.23	13	1.96	25.93	33	Pass
Band41	5	2593	16QAM	1	MID	24.02	29.52	5.5	13	1.96	25.98	33	Pass
Band41	5	2593	16QAM	1	HIGH	24.18	30.81	6.63	13	1.96	26.14	33	Pass
Band41	5	2687.5	QPSK	25	LOW	24.67	32.11	7.44	13	1.96	26.63	33	Pass
Band41	5	2687.5	QPSK	12	LOW	24.18	29.51	5.33	13	1.96	26.14	33	Pass
Band41	5	2687.5	QPSK	12	MID	24.11	30.51	6.4	13	1.96	26.07	33	Pass
Band41	5	2687.5	QPSK	12	HIGH	24.06	29.99	5.93	13	1.96	26.02	33	Pass
Band41	5	2687.5	QPSK	1	LOW	24.58	29.89	5.31	13	1.96	26.54	33	Pass
Band41	5	2687.5	QPSK	1	MID	24.18	29.42	5.24	13	1.96	26.14	33	Pass
Band41	5	2687.5	QPSK	1	HIGH	24.29	30.12	5.83	13	1.96	26.25	33	Pass
Band41	5	2687.5	16QAM	25	LOW	24.7	31.88	7.18	13	1.96	26.66	33	Pass
Band41	5	2687.5	16QAM	12	LOW	24.39	30.51	6.12	13	1.96	26.35	33	Pass
Band41	5	2687.5	16QAM	12	MID	24.74	31.41	6.67	13	1.96	26.7	33	Pass
Band41	5	2687.5	16QAM	12	HIGH	24.15	30.16	6.01	13	1.96	26.11	33	Pass
Band41	5	2687.5	16QAM	1	LOW	24.5	29.76	5.26	13	1.96	26.46	33	Pass
Band41	5	2687.5	16QAM	1	MID	24.09	29.8	5.71	13	1.96	26.05	33	Pass
Band41	5	2687.5	16QAM	1	HIGH	24.02	30.05	6.03	13	1.96	25.98	33	Pass

Band41	10	2501	QPSK	50	LOW	23.73	30.85	7.12	13	1.96	25.69	33	Pass
Band41	10	2501	QPSK	25	LOW	23.76	30.52	6.76	13	1.96	25.72	33	Pass
Band41	10	2501	QPSK	25	MID	23.58	29.01	5.43	13	1.96	25.54	33	Pass
Band41	10	2501	QPSK	25	HIGH	23.93	30.2	6.27	13	1.96	25.89	33	Pass
Band41	10	2501	QPSK	1	LOW	23.98	29.52	5.54	13	1.96	25.94	33	Pass
Band41	10	2501	QPSK	1	MID	23.97	29.59	5.62	13	1.96	25.93	33	Pass
Band41	10	2501	QPSK	1	HIGH	23.67	30.03	6.36	13	1.96	25.63	33	Pass
Band41	10	2501	16QAM	27	LOW	24.01	31.11	7.1	13	1.96	25.97	33	Pass
Band41	10	2501	16QAM	15	LOW	23.82	30.26	6.44	13	1.96	25.78	33	Pass
Band41	10	2501	16QAM	15	MID	23.6	29.77	6.17	13	1.96	25.56	33	Pass
Band41	10	2501	16QAM	15	HIGH	23.96	30.59	6.63	13	1.96	25.92	33	Pass
Band41	10	2501	16QAM	1	LOW	24.14	29.4	5.26	13	1.96	26.1	33	Pass
Band41	10	2501	16QAM	1	MID	24.54	29.54	5	13	1.96	26.5	33	Pass
Band41	10	2501	16QAM	1	HIGH	24.26	29.75	5.49	13	1.96	26.22	33	Pass
Band41	10	2593	QPSK	50	LOW	23.47	31.07	7.6	13	1.96	25.43	33	Pass
Band41	10	2593	QPSK	25	LOW	24.07	31.24	7.17	13	1.96	26.03	33	Pass
Band41	10	2593	QPSK	25	MID	23.87	30.09	6.22	13	1.96	25.83	33	Pass
Band41	10	2593	QPSK	25	HIGH	24.01	31.36	7.35	13	1.96	25.97	33	Pass
Band41	10	2593	QPSK	1	LOW	23.91	30.5	6.59	13	1.96	25.87	33	Pass
Band41	10	2593	QPSK	1	MID	24.23	29.6	5.37	13	1.96	26.19	33	Pass
Band41	10	2593	QPSK	1	HIGH	24	30.43	6.43	13	1.96	25.96	33	Pass
Band41	10	2593	16QAM	27	LOW	23.88	30.88	7	13	1.96	25.84	33	Pass
Band41	10	2593	16QAM	15	LOW	23.77	31.16	7.39	13	1.96	25.73	33	Pass
Band41	10	2593	16QAM	15	MID	23.8	30.6	6.8	13	1.96	25.76	33	Pass
Band41	10	2593	16QAM	15	HIGH	24.27	30.54	6.27	13	1.96	26.23	33	Pass
Band41	10	2593	16QAM	1	LOW	24.11	29.81	5.7	13	1.96	26.07	33	Pass
Band41	10	2593	16QAM	1	MID	24.63	30.35	5.72	13	1.96	26.59	33	Pass
Band41	10	2593	16QAM	1	HIGH	24.09	30.57	6.48	13	1.96	26.05	33	Pass
Band41	10	2685	QPSK	50	LOW	25.02	32.05	7.03	13	1.96	26.98	33	Pass
Band41	10	2685	QPSK	25	LOW	24.45	31.25	6.8	13	1.96	26.41	33	Pass
Band41	10	2685	QPSK	25	MID	25.05	31.54	6.49	13	1.96	27.01	33	Pass
Band41	10	2685	QPSK	25	HIGH	24.45	31.08	6.63	13	1.96	26.41	33	Pass
Band41	10	2685	QPSK	1	LOW	24.58	30.3	5.72	13	1.96	26.54	33	Pass
Band41	10	2685	QPSK	1	MID	25	30.35	5.35	13	1.96	26.96	33	Pass
Band41	10	2685	QPSK	1	HIGH	24.68	30.46	5.78	13	1.96	26.64	33	Pass
Band41	10	2685	16QAM	27	LOW	24.58	31.71	7.13	13	1.96	26.54	33	Pass
Band41	10	2685	16QAM	15	LOW	24.58	32.09	7.51	13	1.96	26.54	33	Pass
Band41	10	2685	16QAM	15	MID	24.57	30.93	6.36	13	1.96	26.53	33	Pass
Band41	10	2685	16QAM	15	HIGH	24.45	30.84	6.39	13	1.96	26.41	33	Pass
Band41	10	2685	16QAM	1	LOW	24.52	30.3	5.78	13	1.96	26.48	33	Pass
Band41	10	2685	16QAM	1	MID	25.02	31.41	6.39	13	1.96	26.98	33	Pass
Band41	10	2685	16QAM	1	HIGH	24.37	30.49	6.12	13	1.96	26.33	33	Pass
Band41	15	2503.5	QPSK	75	LOW	23.74	30.78	7.04	13	1.96	25.7	33	Pass
Band41	15	2503.5	QPSK	38	LOW	24.24	32.17	7.93	13	1.96	26.2	33	Pass
Band41	15	2503.5	QPSK	38	MID	24.16	30.72	6.56	13	1.96	26.12	33	Pass
Band41	15	2503.5	QPSK	38	HIGH	24.25	32.02	7.77	13	1.96	26.21	33	Pass
Band41	15	2503.5	QPSK	1	LOW	23.98	29.38	5.4	13	1.96	25.94	33	Pass

Band41	15	2503.5	QPSK	1	MID	24.03	30.61	6.58	13	1.96	25.99	33	Pass
Band41	15	2503.5	QPSK	1	HIGH	23.69	29.96	6.27	13	1.96	25.65	33	Pass
Band41	15	2503.5	16QAM	27	LOW	23.88	29.82	5.94	13	1.96	25.84	33	Pass
Band41	15	2503.5	16QAM	15	LOW	23.5	29.96	6.46	13	1.96	25.46	33	Pass
Band41	15	2503.5	16QAM	15	MID	23.74	29.96	6.22	13	1.96	25.7	33	Pass
Band41	15	2503.5	16QAM	15	HIGH	24.04	30.33	6.29	13	1.96	26	33	Pass
Band41	15	2503.5	16QAM	1	LOW	24.25	30.1	5.85	13	1.96	26.21	33	Pass
Band41	15	2503.5	16QAM	1	MID	24.26	30.46	6.2	13	1.96	26.22	33	Pass
Band41	15	2503.5	16QAM	1	HIGH	24.06	29.4	5.34	13	1.96	26.02	33	Pass
Band41	15	2593	QPSK	75	LOW	24.4	31.37	6.97	13	1.96	26.36	33	Pass
Band41	15	2593	QPSK	38	LOW	24	30.35	6.35	13	1.96	25.96	33	Pass
Band41	15	2593	QPSK	38	MID	23.92	31.87	7.95	13	1.96	25.88	33	Pass
Band41	15	2593	QPSK	38	HIGH	23.97	30.84	6.87	13	1.96	25.93	33	Pass
Band41	15	2593	QPSK	1	LOW	23.97	29.71	5.74	13	1.96	25.93	33	Pass
Band41	15	2593	QPSK	1	MID	24.11	30.88	6.77	13	1.96	26.07	33	Pass
Band41	15	2593	QPSK	1	HIGH	23.84	29.4	5.56	13	1.96	25.8	33	Pass
Band41	15	2593	16QAM	27	LOW	23.59	31.1	7.51	13	1.96	25.55	33	Pass
Band41	15	2593	16QAM	15	LOW	23.36	31.05	7.69	13	1.96	25.32	33	Pass
Band41	15	2593	16QAM	15	MID	23.89	31.15	7.26	13	1.96	25.85	33	Pass
Band41	15	2593	16QAM	15	HIGH	23.91	31.88	7.97	13	1.96	25.87	33	Pass
Band41	15	2593	16QAM	1	LOW	23.66	30.25	6.59	13	1.96	25.62	33	Pass
Band41	15	2593	16QAM	1	MID	24.04	30.95	6.91	13	1.96	26	33	Pass
Band41	15	2593	16QAM	1	HIGH	23.85	30.07	6.22	13	1.96	25.81	33	Pass
Band41	15	2682.5	QPSK	75	LOW	24.92	32.09	7.17	13	1.96	26.88	33	Pass
Band41	15	2682.5	QPSK	38	LOW	24.84	31.73	6.89	13	1.96	26.8	33	Pass
Band41	15	2682.5	QPSK	38	MID	24.87	31.5	6.63	13	1.96	26.83	33	Pass
Band41	15	2682.5	QPSK	38	HIGH	24.63	31.54	6.91	13	1.96	26.59	33	Pass
Band41	15	2682.5	QPSK	1	LOW	24.81	30.75	5.94	13	1.96	26.77	33	Pass
Band41	15	2682.5	QPSK	1	MID	25.37	30.49	5.12	13	1.96	27.33	33	Pass
Band41	15	2682.5	QPSK	1	HIGH	24.77	30.72	5.95	13	1.96	26.73	33	Pass
Band41	15	2682.5	16QAM	27	LOW	24.26	30.67	6.41	13	1.96	26.22	33	Pass
Band41	15	2682.5	16QAM	15	LOW	24.74	31.15	6.41	13	1.96	26.7	33	Pass
Band41	15	2682.5	16QAM	15	MID	24.6	30.25	5.65	13	1.96	26.56	33	Pass
Band41	15	2682.5	16QAM	15	HIGH	24.7	31.1	6.4	13	1.96	26.66	33	Pass
Band41	15	2682.5	16QAM	1	LOW	24.57	30.14	5.57	13	1.96	26.53	33	Pass
Band41	15	2682.5	16QAM	1	MID	24.56	30.39	5.83	13	1.96	26.52	33	Pass
Band41	15	2682.5	16QAM	1	HIGH	24.57	30.23	5.66	13	1.96	26.53	33	Pass
Band41	20	2506	QPSK	100	LOW	24.12	30.77	6.65	13	1.96	26.08	33	Pass
Band41	20	2506	QPSK	50	LOW	23.88	30.57	6.69	13	1.96	25.84	33	Pass
Band41	20	2506	QPSK	50	MID	23.99	30.55	6.56	13	1.96	25.95	33	Pass
Band41	20	2506	QPSK	50	HIGH	23.76	30.88	7.12	13	1.96	25.72	33	Pass
Band41	20	2506	QPSK	1	LOW	23.68	29.67	5.99	13	1.96	25.64	33	Pass
Band41	20	2506	QPSK	1	MID	24.43	29.91	5.48	13	1.96	26.39	33	Pass
Band41	20	2506	QPSK	1	HIGH	24.07	29.16	5.09	13	1.96	26.03	33	Pass
Band41	20	2506	16QAM	27	LOW	23.76	30.39	6.63	13	1.96	25.72	33	Pass
Band41	20	2506	16QAM	15	LOW	23.67	29.41	5.74	13	1.96	25.63	33	Pass
Band41	20	2506	16QAM	15	MID	23.41	29.85	6.44	13	1.96	25.37	33	Pass

Band41	20	2506	16QAM	15	HIGH	23.82	30.32	6.5	13	1.96	25.78	33	Pass
Band41	20	2506	16QAM	1	LOW	23.82	30.17	6.35	13	1.96	25.78	33	Pass
Band41	20	2506	16QAM	1	MID	24.12	30.28	6.16	13	1.96	26.08	33	Pass
Band41	20	2506	16QAM	1	HIGH	24.22	30.56	6.34	13	1.96	26.18	33	Pass
Band41	20	2593	QPSK	100	LOW	24.14	30.85	6.71	13	1.96	26.1	33	Pass
Band41	20	2593	QPSK	50	LOW	23.6	30.29	6.69	13	1.96	25.56	33	Pass
Band41	20	2593	QPSK	50	MID	23.92	30.83	6.91	13	1.96	25.88	33	Pass
Band41	20	2593	QPSK	50	HIGH	24.28	31.08	6.8	13	1.96	26.24	33	Pass
Band41	20	2593	QPSK	1	LOW	23.33	29.01	5.68	13	1.96	25.29	33	Pass
Band41	20	2593	QPSK	1	MID	24.36	29.42	5.06	13	1.96	26.32	33	Pass
Band41	20	2593	QPSK	1	HIGH	23.47	29.96	6.49	13	1.96	25.43	33	Pass
Band41	20	2593	16QAM	27	LOW	24.09	30.93	6.84	13	1.96	26.05	33	Pass
Band41	20	2593	16QAM	15	LOW	23.57	29.75	6.18	13	1.96	25.53	33	Pass
Band41	20	2593	16QAM	15	MID	23.56	30.08	6.52	13	1.96	25.52	33	Pass
Band41	20	2593	16QAM	15	HIGH	24.21	30.63	6.42	13	1.96	26.17	33	Pass
Band41	20	2593	16QAM	1	LOW	23.5	30.21	6.71	13	1.96	25.46	33	Pass
Band41	20	2593	16QAM	1	MID	24.47	29.86	5.39	13	1.96	26.43	33	Pass
Band41	20	2593	16QAM	1	HIGH	24.02	29.68	5.66	13	1.96	25.98	33	Pass
Band41	20	2680	QPSK	100	LOW	24.85	31.12	6.27	13	1.96	26.81	33	Pass
Band41	20	2680	QPSK	50	LOW	24.54	30.65	6.11	13	1.96	26.5	33	Pass
Band41	20	2680	QPSK	50	MID	24.86	31.78	6.92	13	1.96	26.82	33	Pass
Band41	20	2680	QPSK	50	HIGH	24.95	31.07	6.12	13	1.96	26.91	33	Pass
Band41	20	2680	QPSK	1	LOW	24.65	30.53	5.88	13	1.96	26.61	33	Pass
Band41	20	2680	QPSK	1	MID	25.31	30.38	5.07	13	1.96	27.27	33	Pass
Band41	20	2680	QPSK	1	HIGH	24.31	29.21	4.9	13	1.96	26.27	33	Pass
Band41	20	2680	16QAM	27	LOW	24.73	31.18	6.45	13	1.96	26.69	33	Pass
Band41	20	2680	16QAM	15	LOW	23.58	31.29	7.71	13	1.96	25.54	33	Pass
Band41	20	2680	16QAM	15	MID	24.62	31.07	6.45	13	1.96	26.58	33	Pass
Band41	20	2680	16QAM	15	HIGH	24.59	30.69	6.1	13	1.96	26.55	33	Pass
Band41	20	2680	16QAM	1	LOW	23.62	29.73	6.11	13	1.96	25.58	33	Pass
Band41	20	2680	16QAM	1	MID	25.15	30.82	5.67	13	1.96	27.11	33	Pass
Band41	20	2680	16QAM	1	HIGH	24.78	30.56	5.78	13	1.96	26.74	33	Pass