RF Test Data for LTE (Conducted Measurement)

Product Name: OMI public network intercom

Trade Mark: OMI

Test Model: OMI-M9

FCC ID: 2BK53-OMIM9

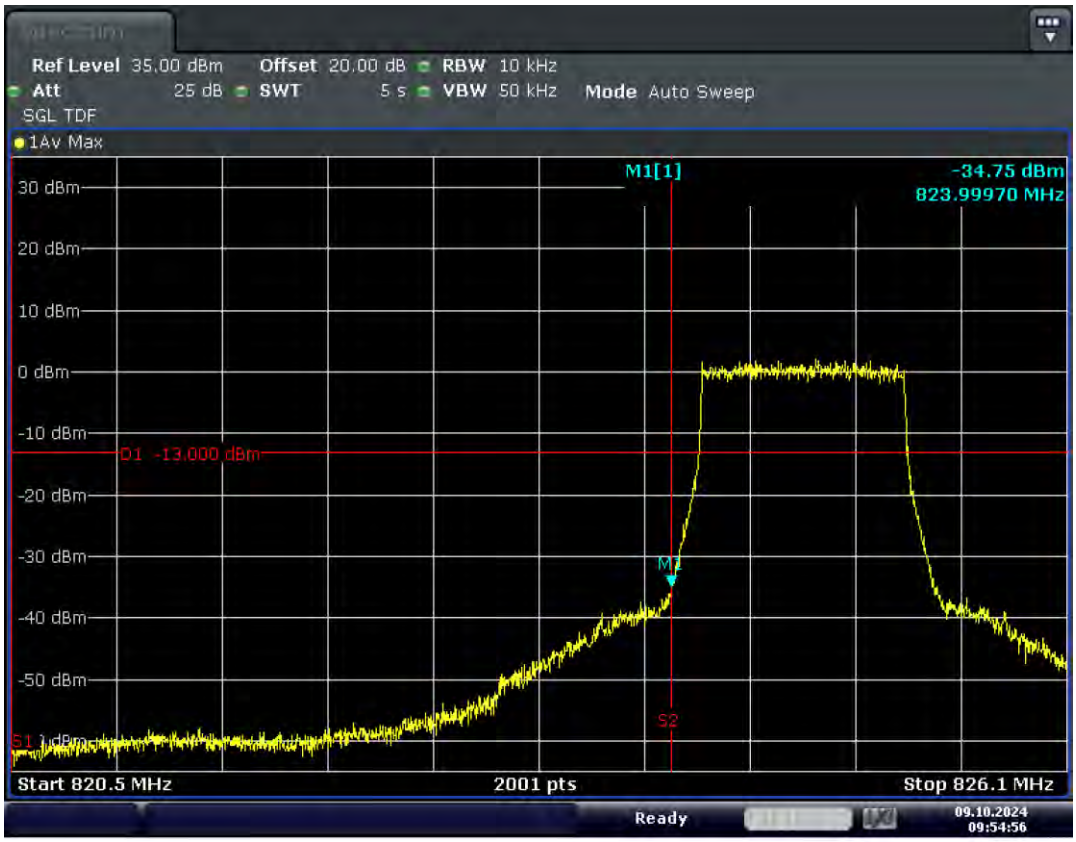
Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band5

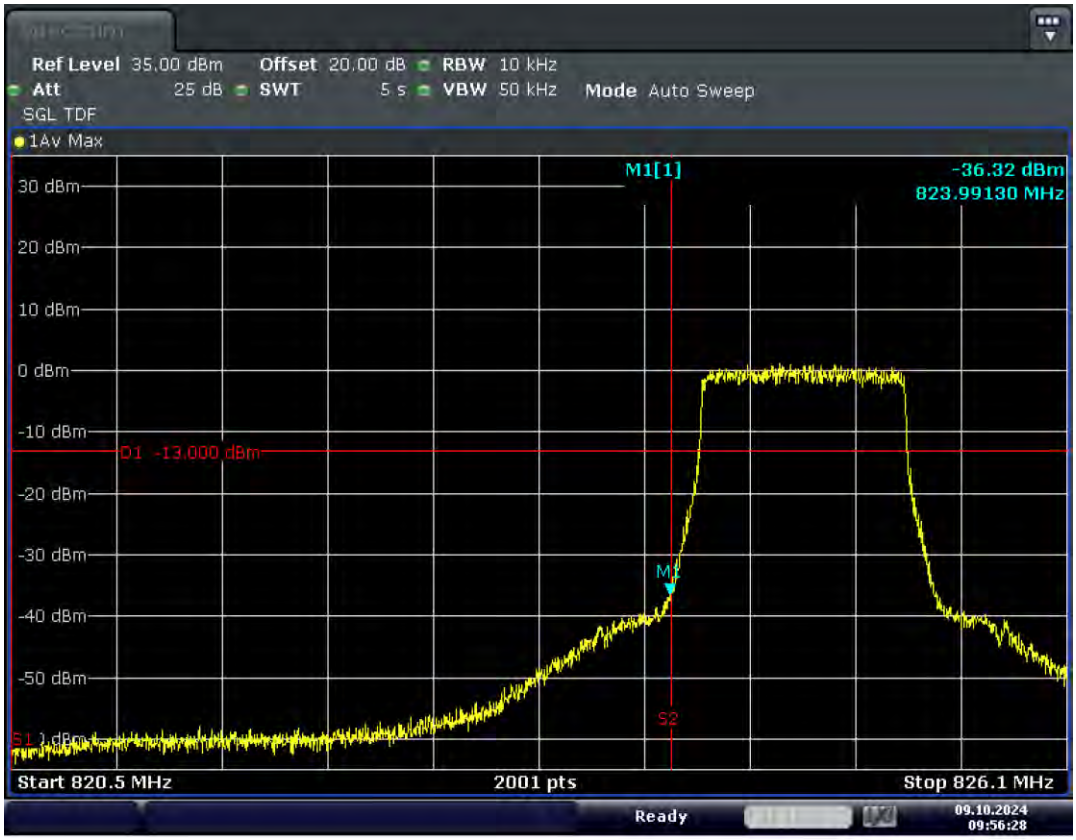
Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band5	1.4	824.7	QPSK	6	LOW	Pass
Band5	1.4	824.7	16QAM	6	LOW	Pass
Band5	1.4	848.3	QPSK	6	LOW	Pass
Band5	1.4	848.3	16QAM	6	LOW	Pass
Band5	3	825.5	QPSK	15	LOW	Pass
Band5	3	825.5	16QAM	15	LOW	Pass
Band5	3	847.5	QPSK	15	LOW	Pass
Band5	3	847.5	16QAM	15	LOW	Pass
Band5	5	826.5	QPSK	25	LOW	Pass
Band5	5	826.5	16QAM	25	LOW	Pass
Band5	5	846.5	QPSK	25	LOW	Pass
Band5	5	846.5	16QAM	25	LOW	Pass
Band5	10	829	QPSK	50	LOW	Pass
Band5	10	829	16QAM	27	LOW	Pass
Band5	10	844	QPSK	50	LOW	Pass
Band5	10	844	16QAM	27	HIGH	Pass

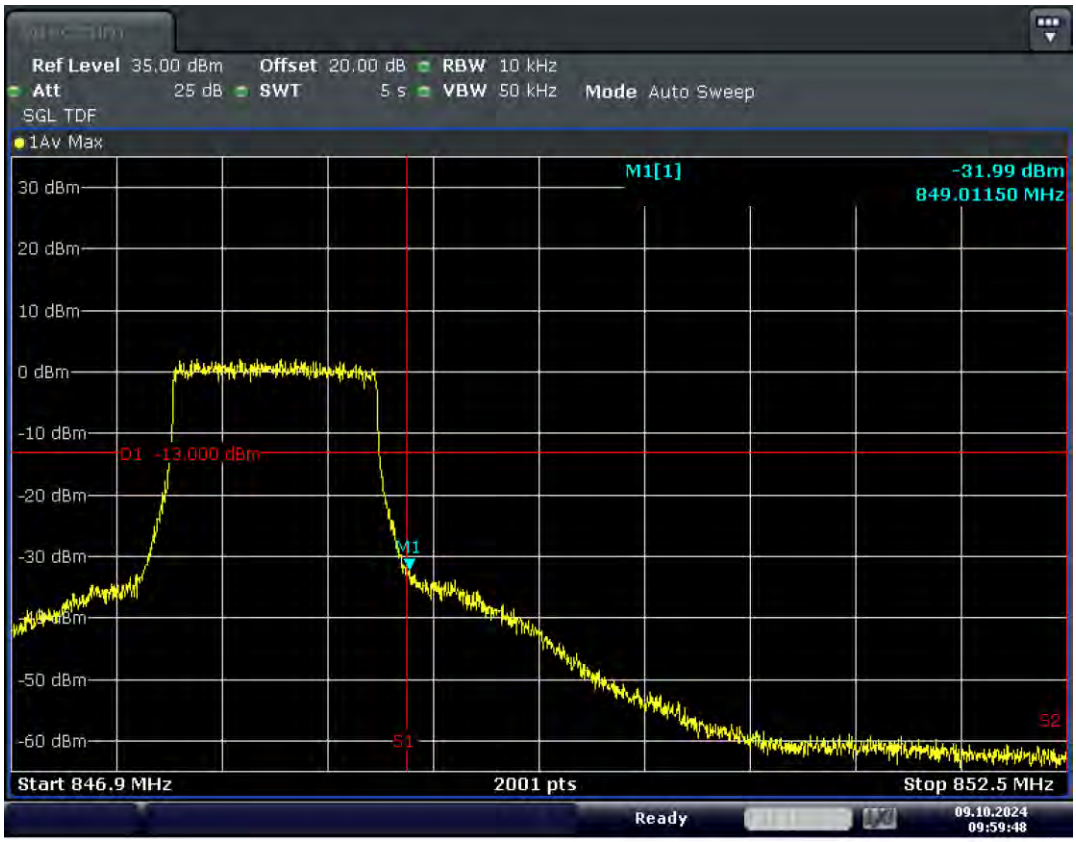
Band5-1.4-824.7-QPSK-6#LOW@Pass



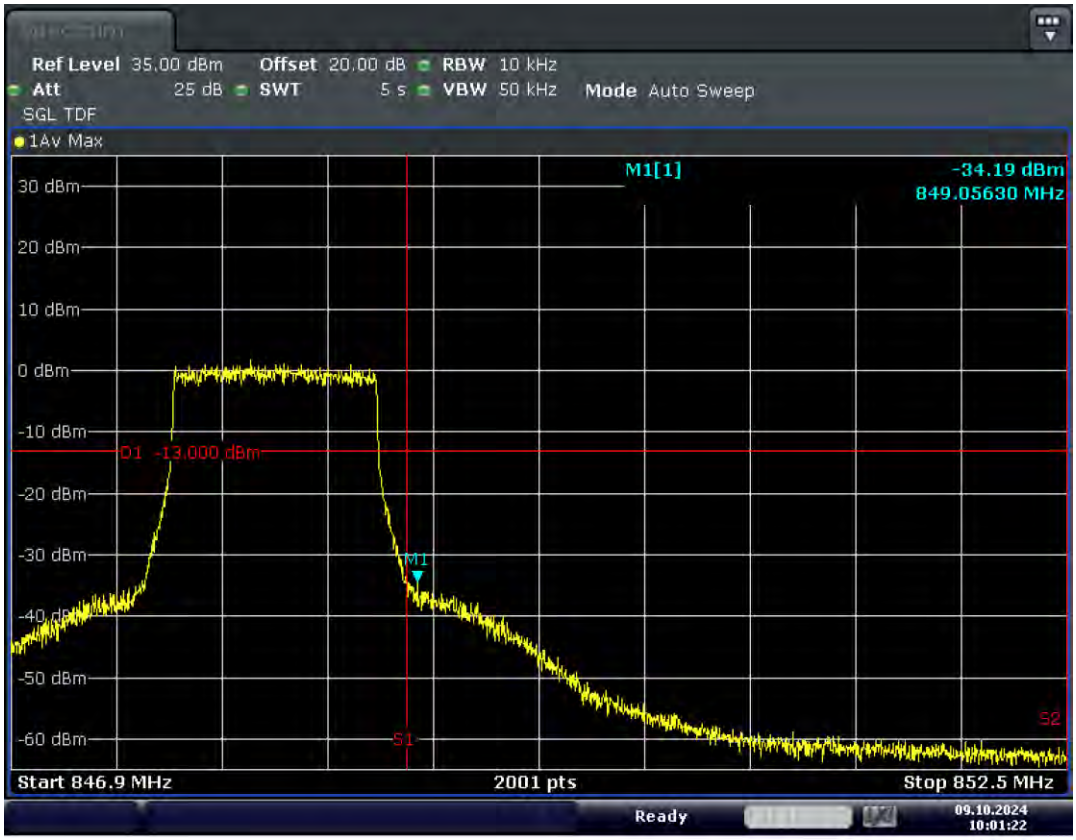
Band5-1.4-824.7-16QAM-6#LOW@Pass



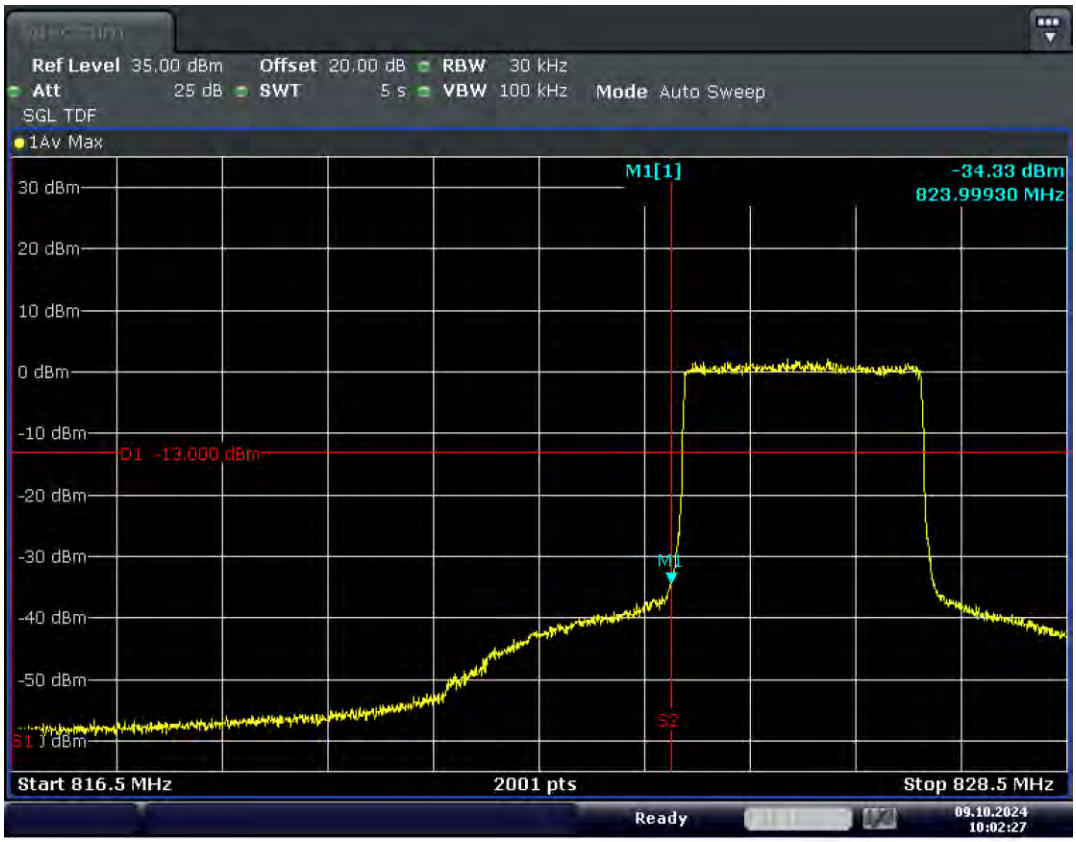
Band5-1.4-848.3-QPSK-6#LOW@Pass



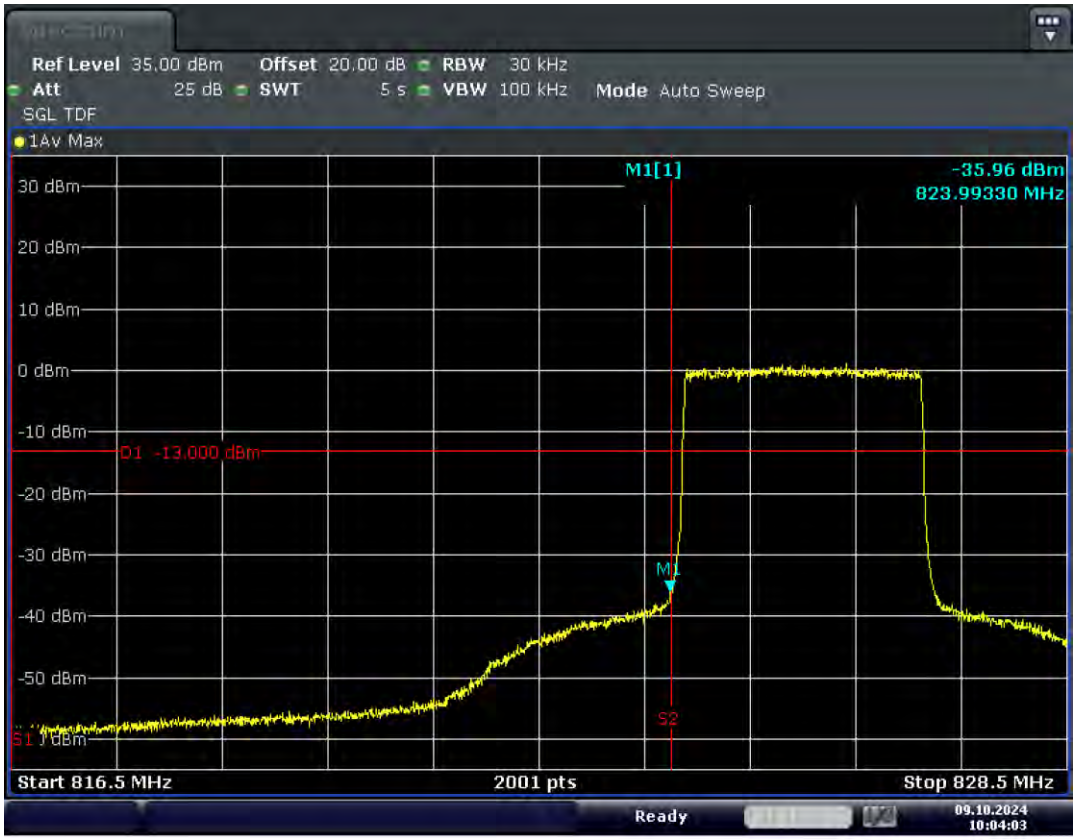
Band5-1.4-848.3-16QAM-6#LOW@Pass



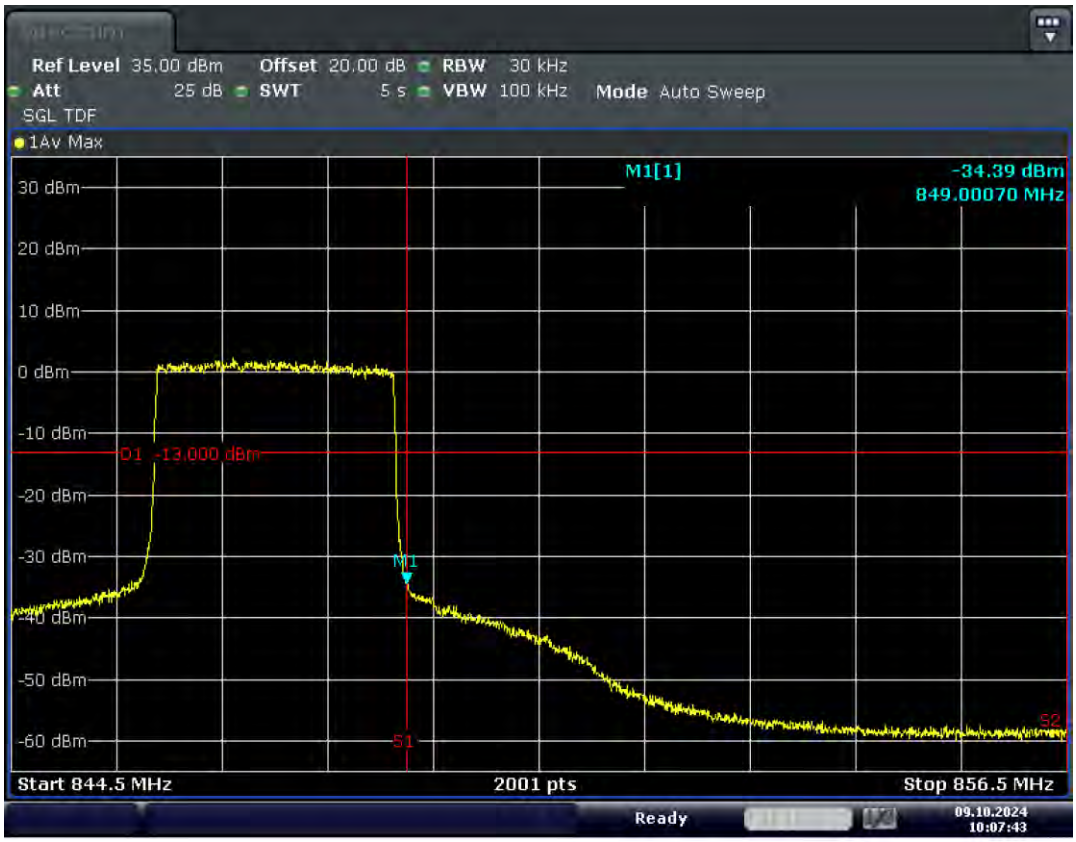
Band5-3-825.5-QPSK-15#LOW@Pass



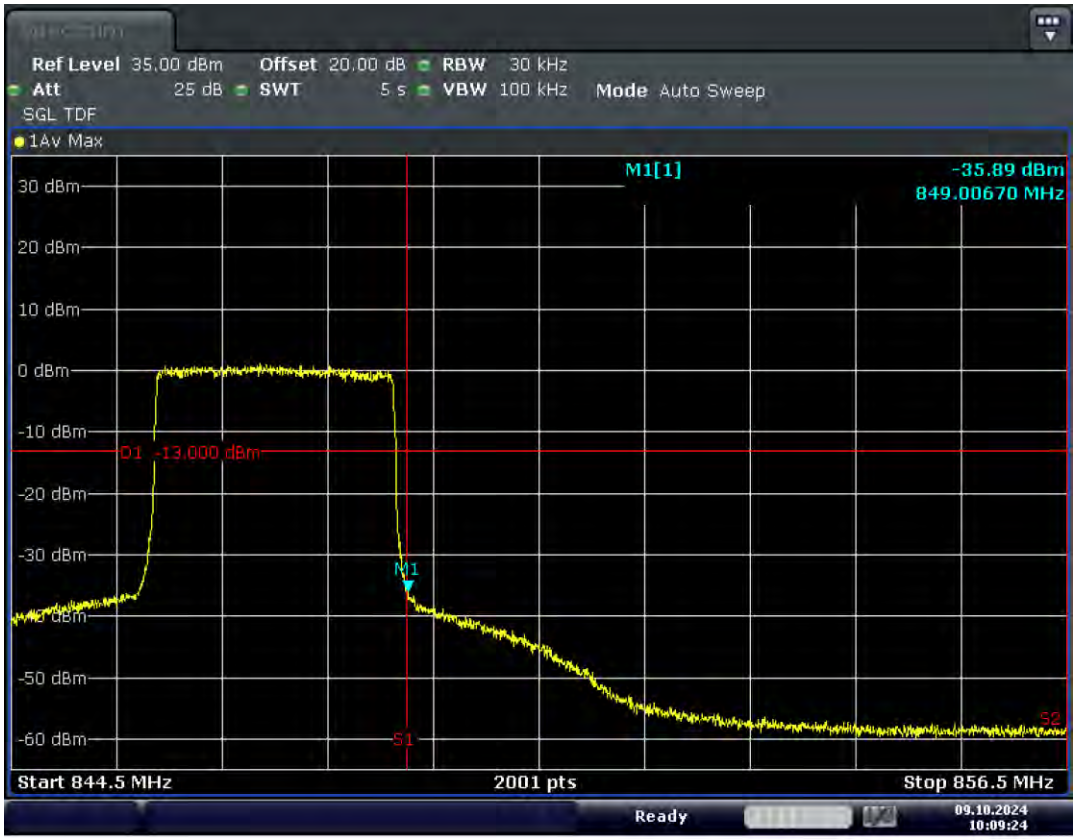
Band5-3-825.5-16QAM-15#LOW@Pass



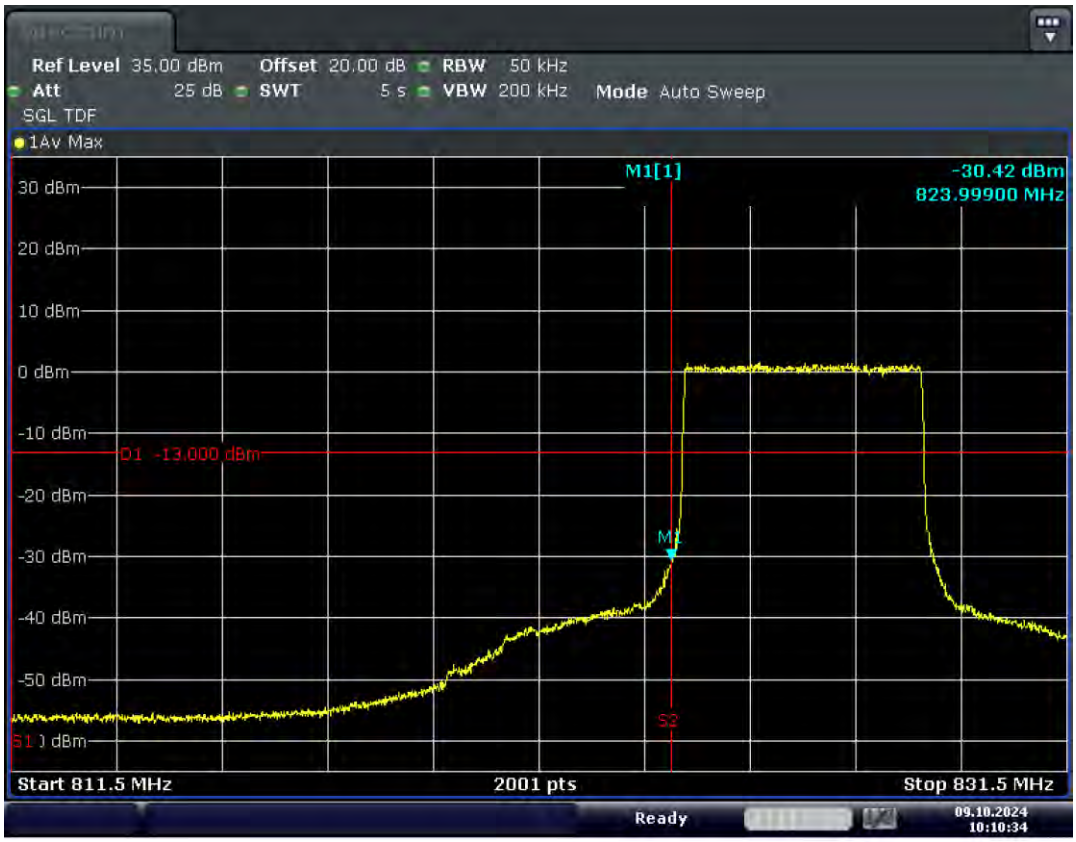
Band5-3-847.5-QPSK-15#LOW@Pass



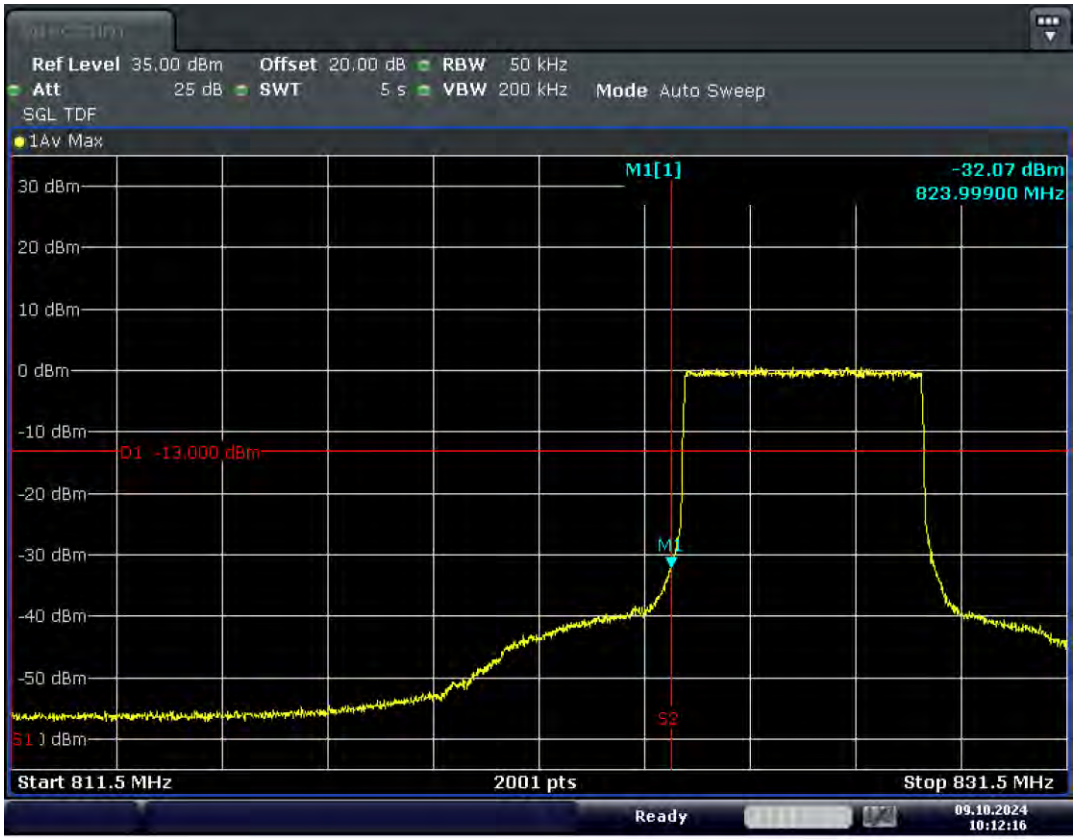
Band5-3-847.5-16QAM-15#LOW@Pass



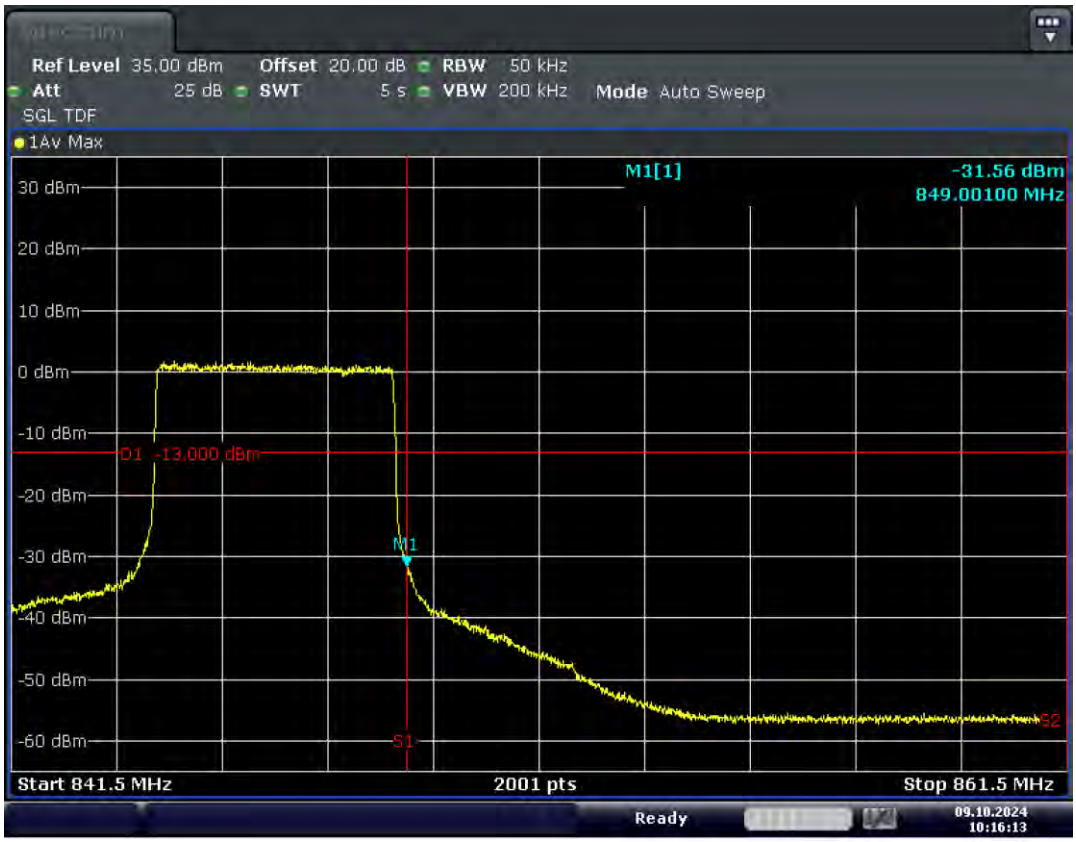
Band5-5-826.5-QPSK-25#LOW@Pass



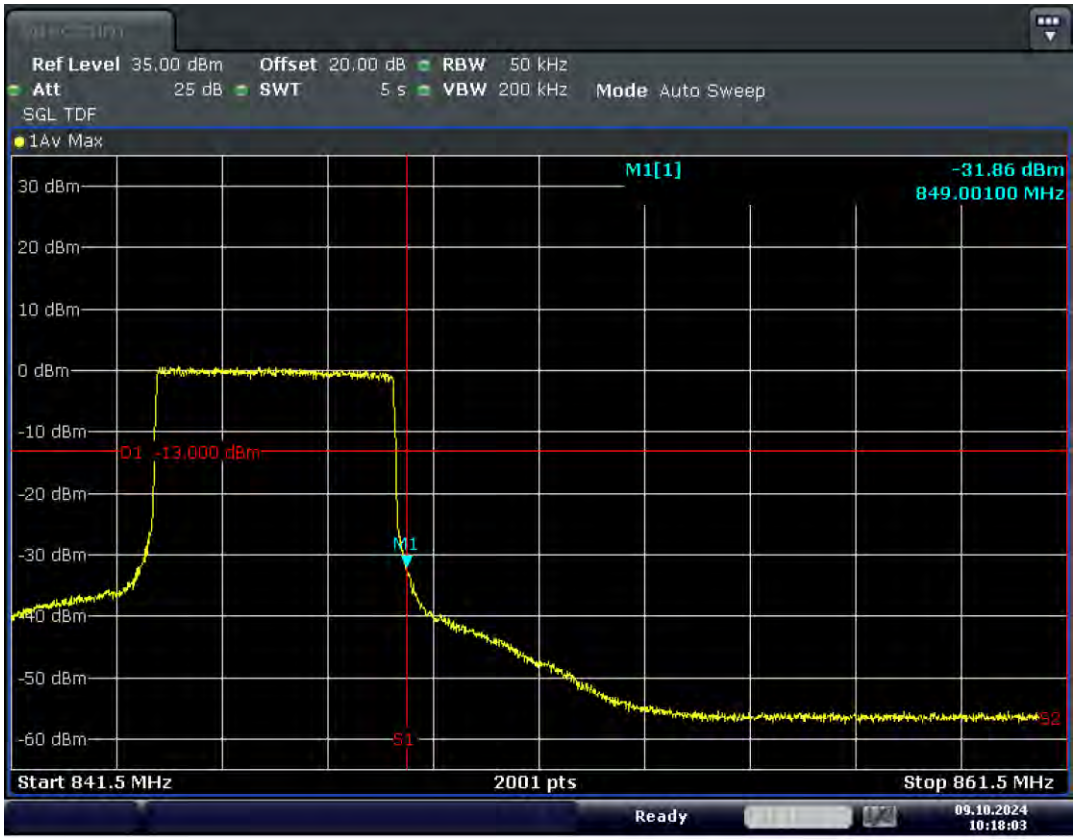
Band5-5-826.5-16QAM-25#LOW@Pass



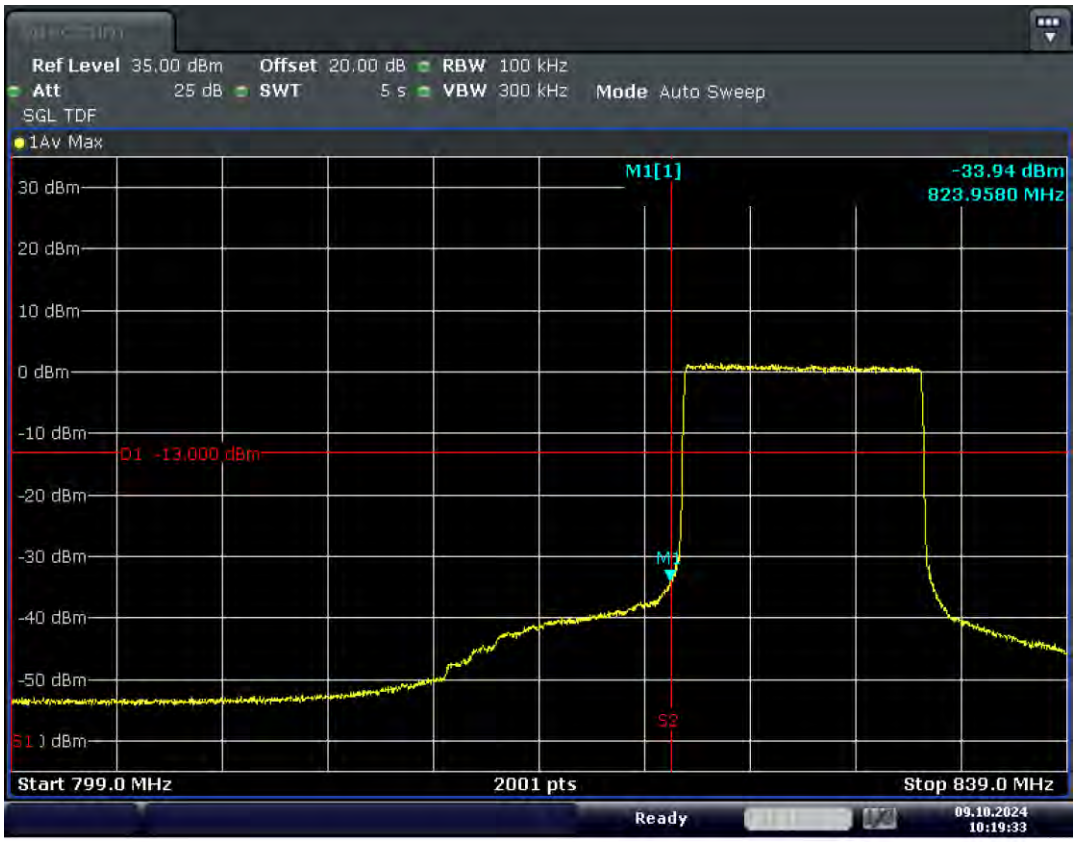
Band5-5-846.5-QPSK-25#LOW@Pass



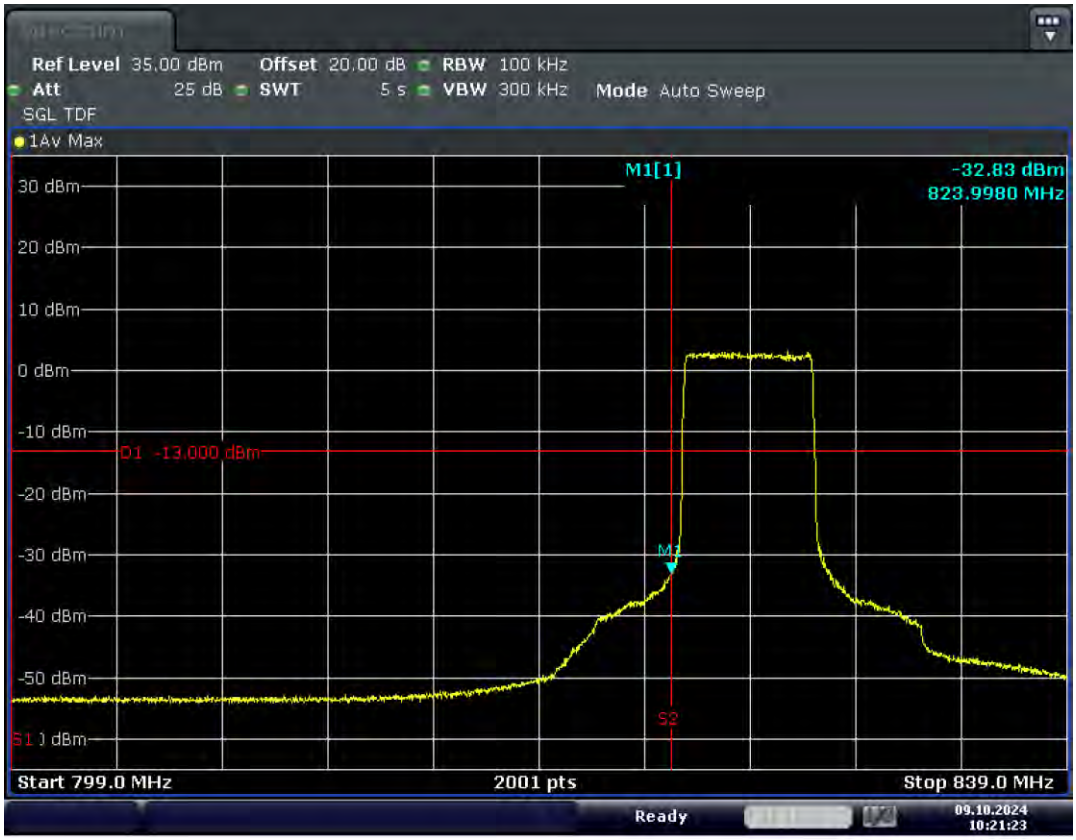
Band5-5-846.5-16QAM-25#LOW@Pass



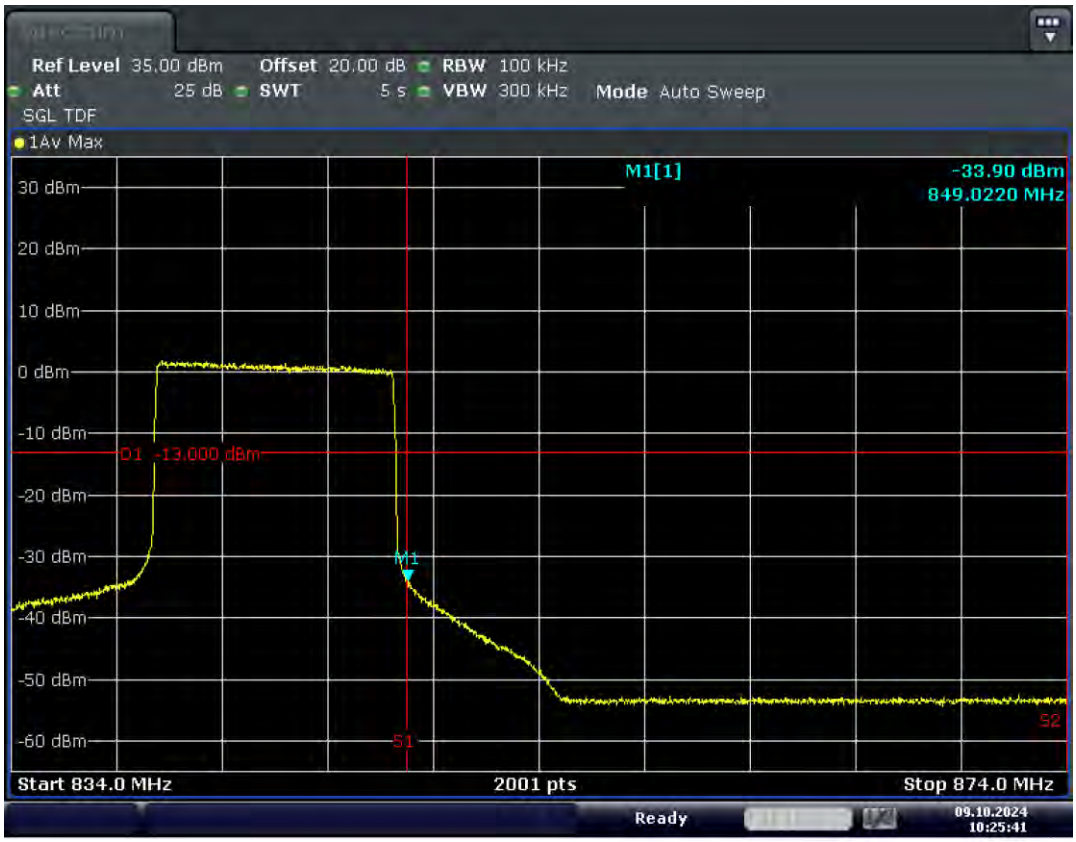
Band5-10-829-QPSK-50#LOW@Pass



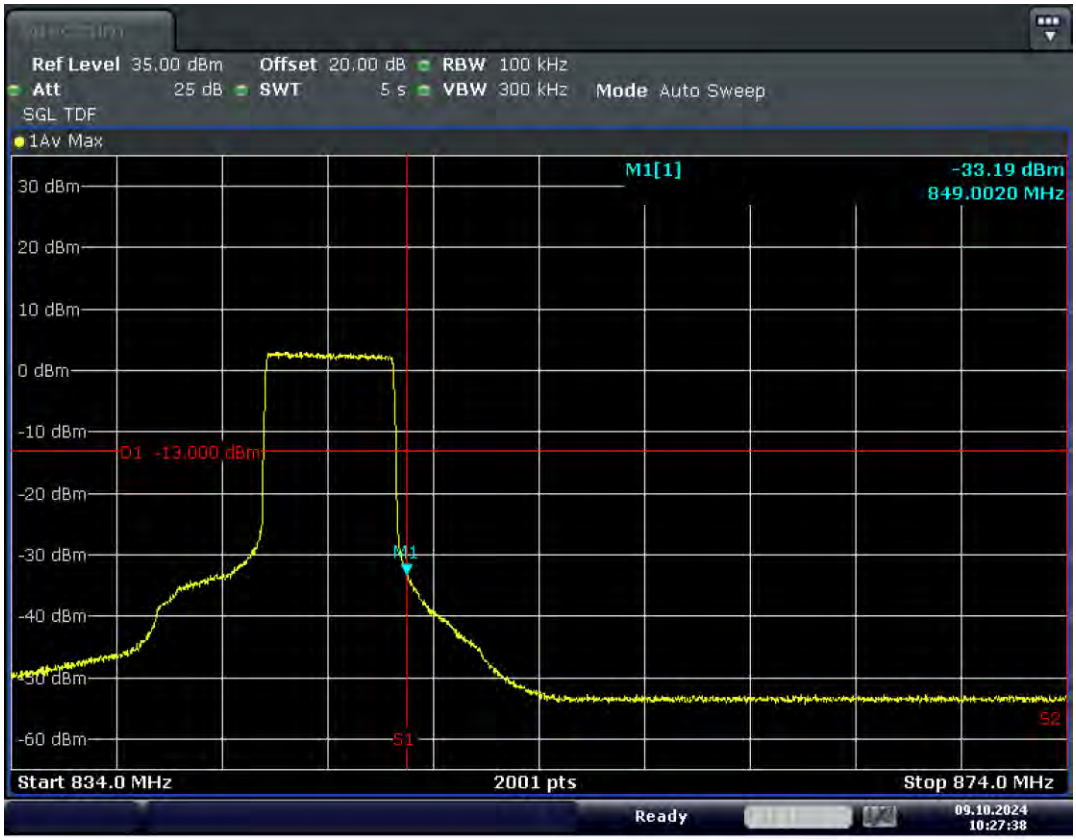
Band5-10-829-16QAM-27#LOW@Pass



Band5-10-844-QPSK-50#LOW@Pass



Band5-10-844-16QAM-27#HIGH@Pass

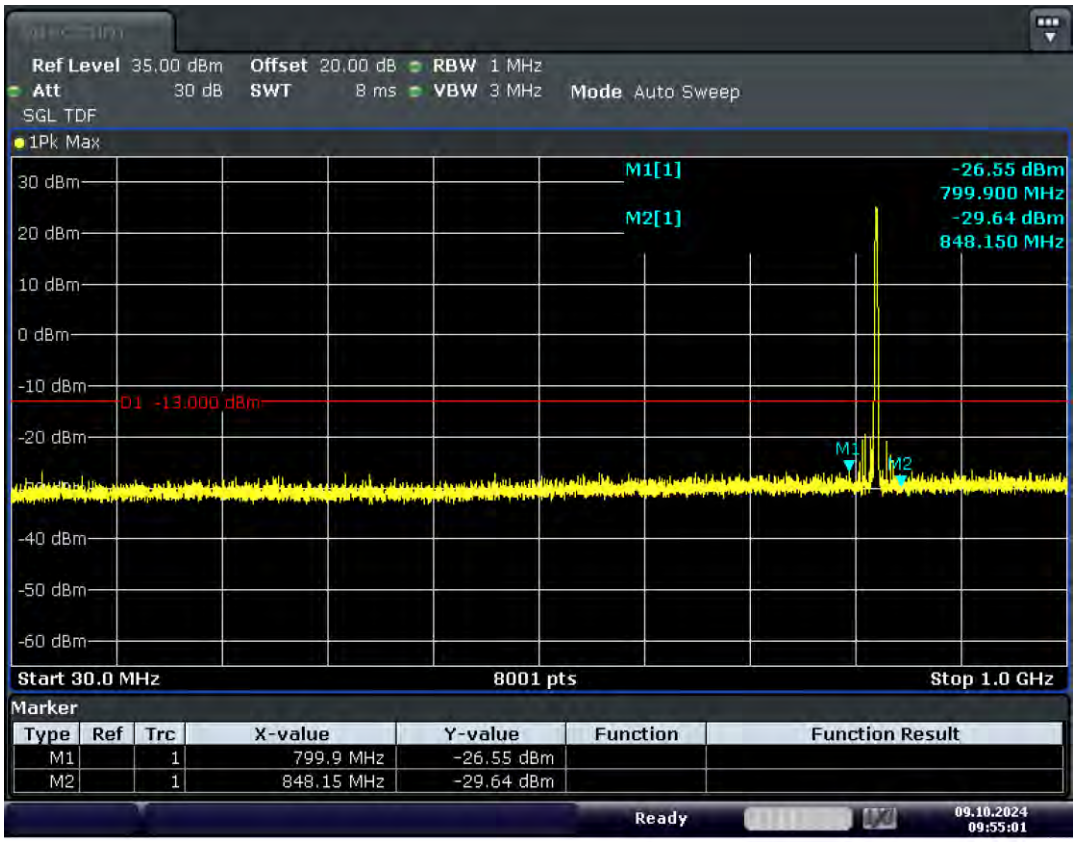


Conducted Spurious Emission

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB5	1.4	824.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	836.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	1.4	848.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB5	1.4	848.3	QPSK	6	LOW	1GHz-9GHz	Pass
OB5	3	825.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB5	3	825.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB5	3	836.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB5	3	836.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB5	3	847.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB5	3	847.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB5	5	826.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB5	5	826.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB5	5	836.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB5	5	836.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB5	5	846.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB5	5	846.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB5	10	829	QPSK	50	LOW	30mHz-1GHz	Pass
OB5	10	829	QPSK	50	LOW	1GHz-9GHz	Pass
OB5	10	836.5	QPSK	50	LOW	30mHz-1GHz	Pass
OB5	10	836.5	QPSK	50	LOW	1GHz-9GHz	Pass
OB5	10	844	QPSK	50	LOW	30mHz-1GHz	Pass
OB5	10	844	QPSK	50	LOW	1GHz-9GHz	Pass
OB5	1.4	824.7	Q16	6	LOW	30mHz-1GHz	Pass
OB5	1.4	824.7	Q16	6	LOW	1GHz-9GHz	Pass
OB5	1.4	836.5	Q16	6	LOW	30mHz-1GHz	Pass
OB5	1.4	836.5	Q16	6	LOW	1GHz-9GHz	Pass
OB5	1.4	848.3	Q16	6	LOW	30mHz-1GHz	Pass
OB5	1.4	848.3	Q16	6	LOW	1GHz-9GHz	Pass
OB5	3	825.5	Q16	15	LOW	30mHz-1GHz	Pass
OB5	3	825.5	Q16	15	LOW	1GHz-9GHz	Pass
OB5	3	836.5	Q16	15	LOW	30mHz-1GHz	Pass
OB5	3	836.5	Q16	15	LOW	1GHz-9GHz	Pass
OB5	3	847.5	Q16	15	LOW	30mHz-1GHz	Pass
OB5	3	847.5	Q16	15	LOW	1GHz-9GHz	Pass
OB5	5	826.5	Q16	25	LOW	30mHz-1GHz	Pass
OB5	5	826.5	Q16	25	LOW	1GHz-9GHz	Pass
OB5	5	836.5	Q16	25	LOW	30mHz-1GHz	Pass
OB5	5	836.5	Q16	25	LOW	1GHz-9GHz	Pass

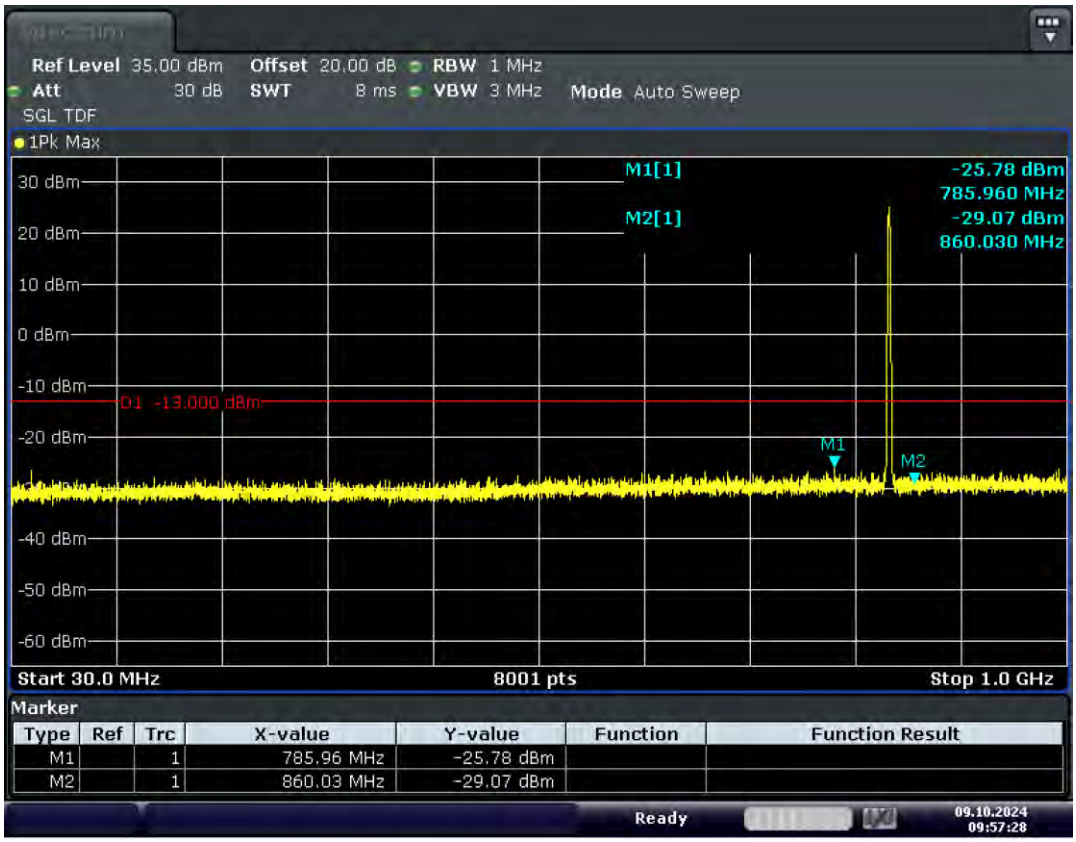
OB5	5	846.5	Q16	25	LOW	30mHz-1GHz	Pass
OB5	5	846.5	Q16	25	LOW	1GHz-9GHz	Pass
OB5	10	829	Q16	27	LOW	30mHz-1GHz	Pass
OB5	10	829	Q16	27	LOW	1GHz-9GHz	Pass
OB5	10	836.5	Q16	27	LOW	30mHz-1GHz	Pass
OB5	10	836.5	Q16	27	LOW	1GHz-9GHz	Pass
OB5	10	844	Q16	27	LOW	30mHz-1GHz	Pass
OB5	10	844	Q16	27	LOW	1GHz-9GHz	Pass

OB5-1.4-824.7-QPSK-6#LOW@30mHz-1GHz@Pass



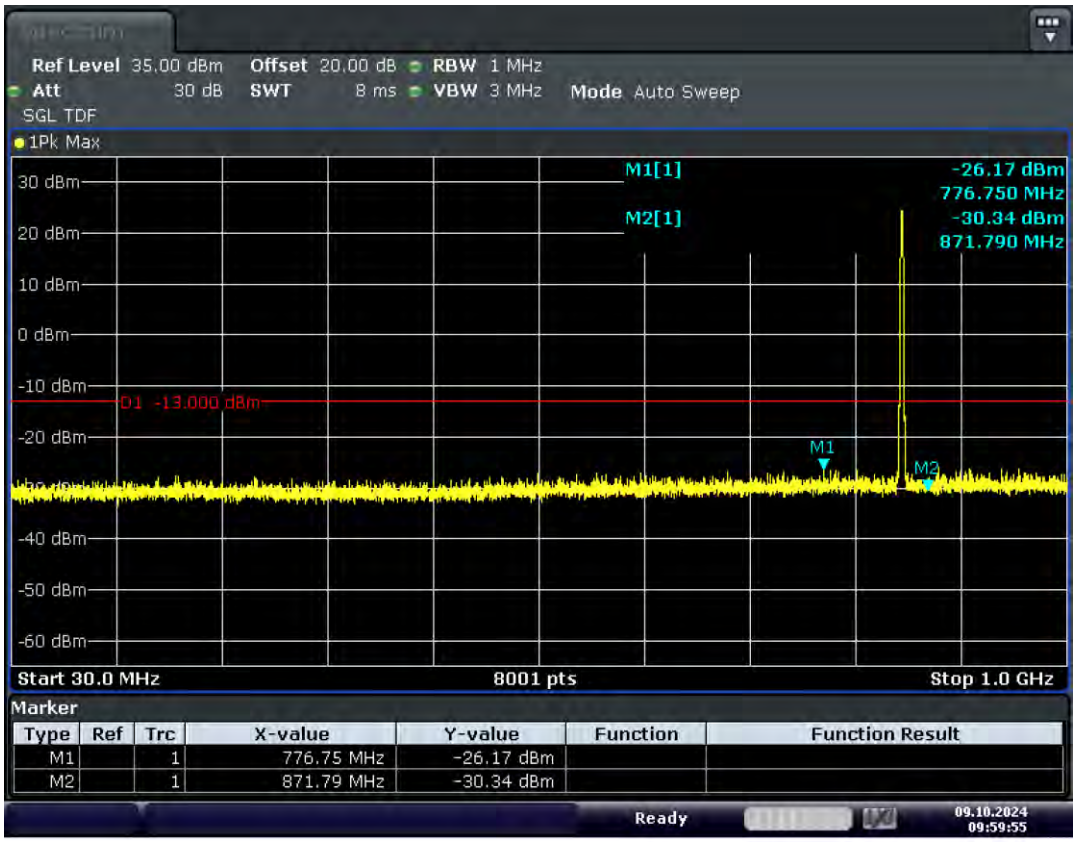
OB5-1.4-824.7-QPSK-6#LOW@1GHz-9GHz@Pass

OB5-1.4-836.5-QPSK-6#LOW@30mHz-1GHz@Pass



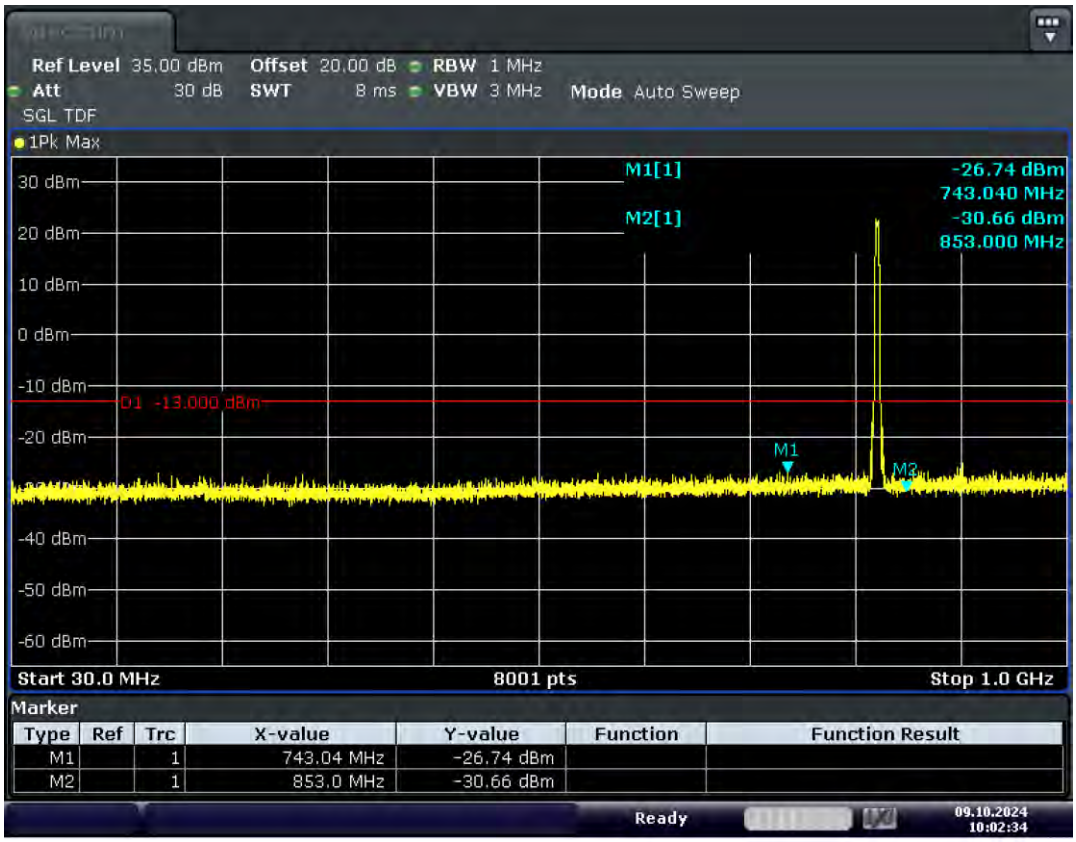
OB5-1.4-836.5-QPSK-6#LOW@1GHz-9GHz@Pass

OB5-1.4-848.3-QPSK-6#LOW@30mHz-1GHz@Pass



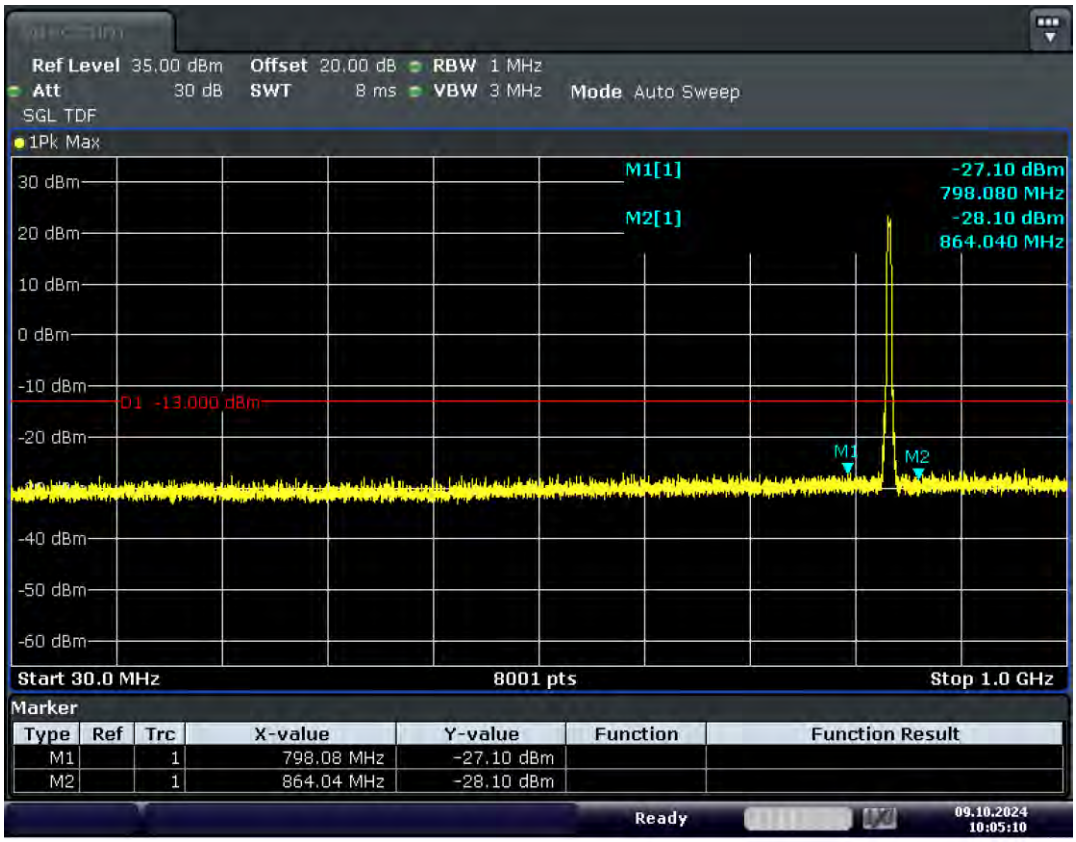
OB5-1.4-848.3-QPSK-6#LOW@1GHz-9GHz@Pass

OB5-3-825.5-QPSK-15#LOW@30mHz-1GHz@Pass



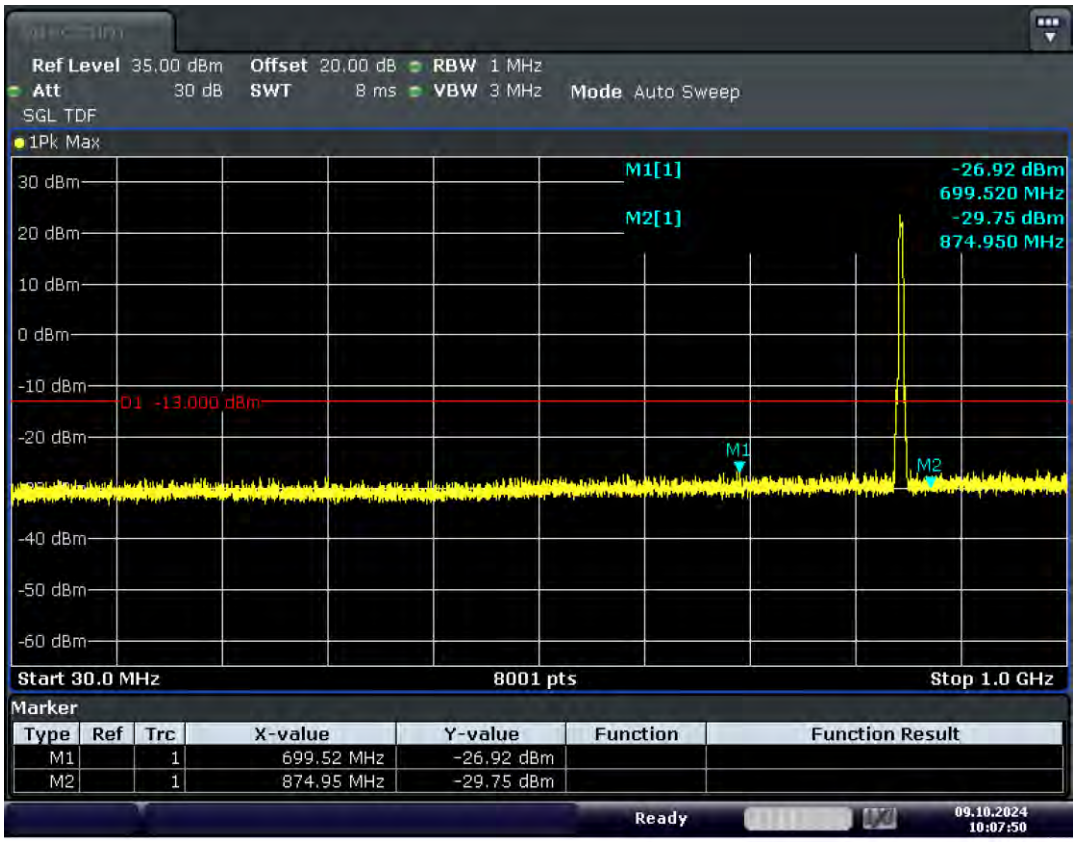
OB5-3-825.5-QPSK-15#LOW@1GHz-9GHz@Pass

OB5-3-836.5-QPSK-15#LOW@30mHz-1GHz@Pass



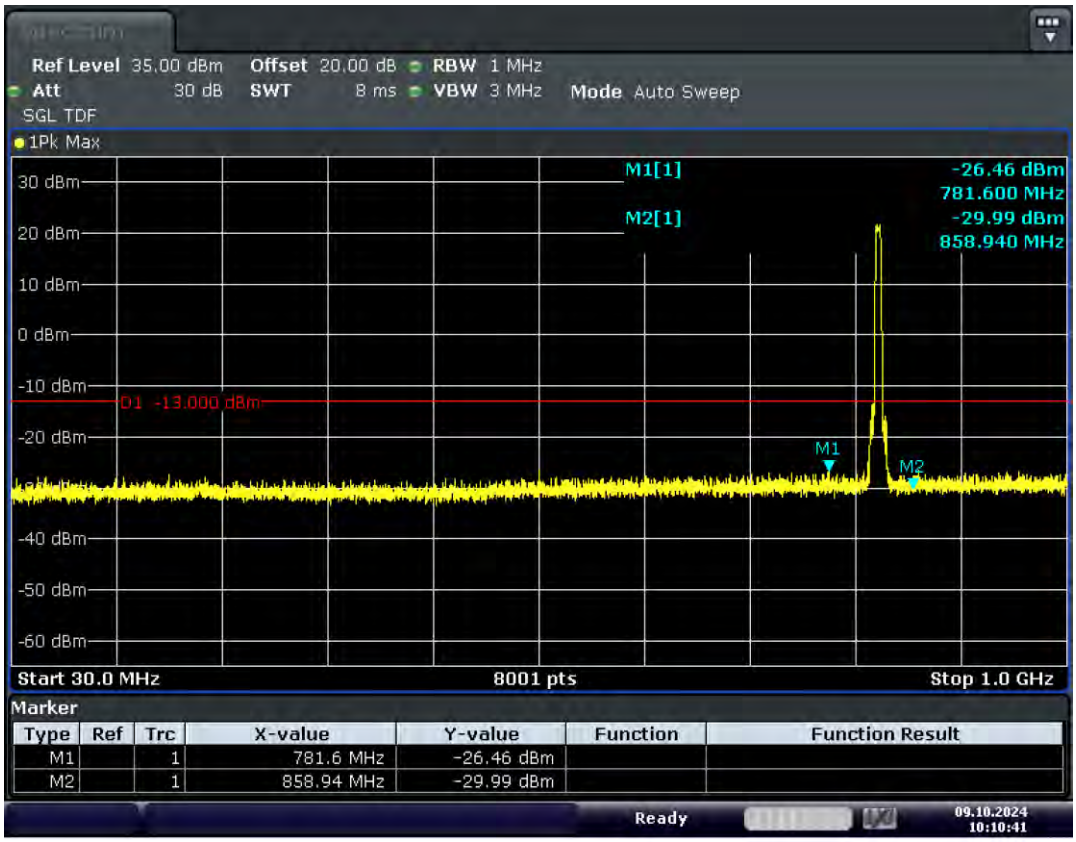
OB5-3-836.5-QPSK-15#LOW@1GHz-9GHz@Pass

OB5-3-847.5-QPSK-15#LOW@30mHz-1GHz@Pass



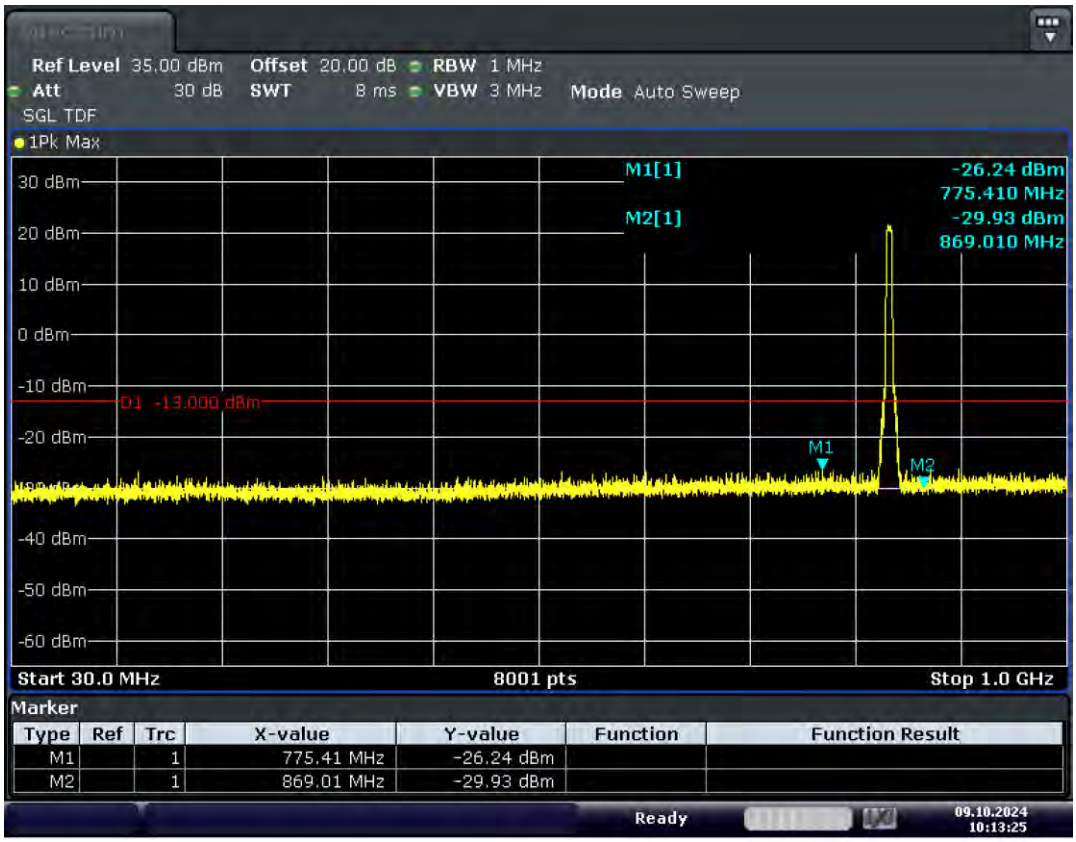
OB5-3-847.5-QPSK-15#LOW@1GHz-9GHz@Pass

OB5-5-826.5-QPSK-25#LOW@30mHz-1GHz@Pass



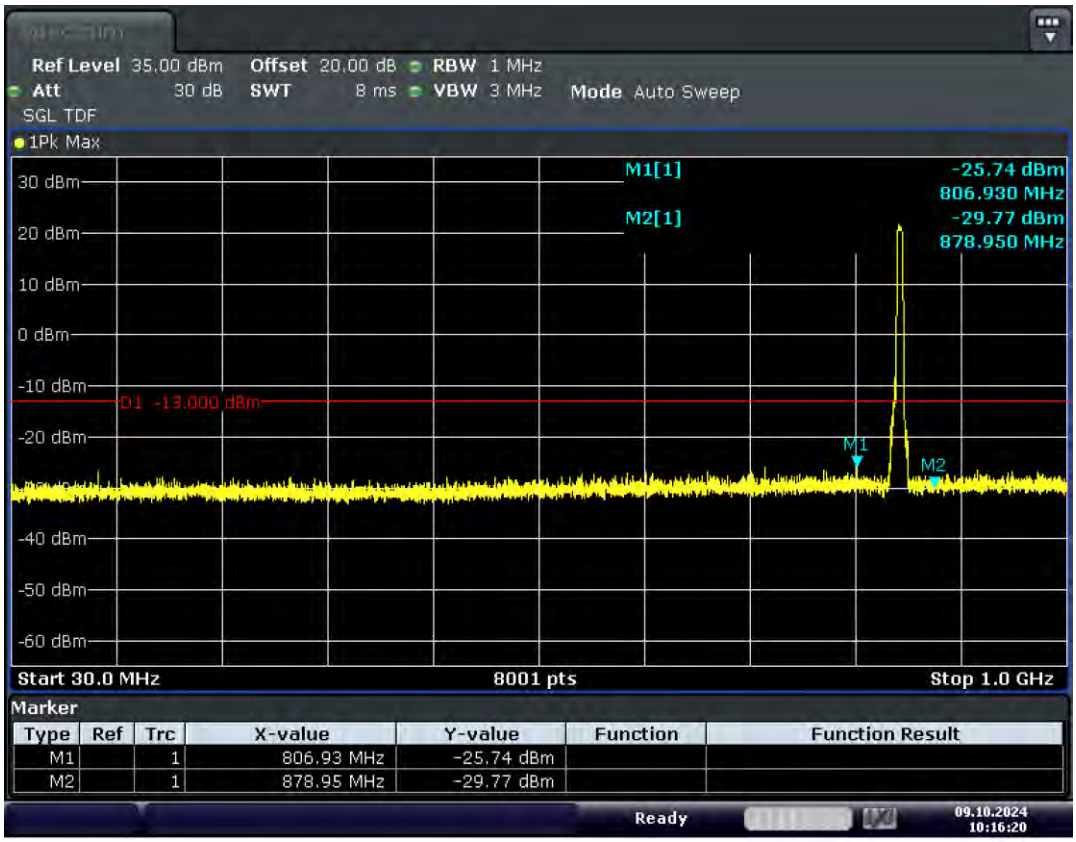
OB5-5-826.5-QPSK-25#LOW@1GHz-9GHz@Pass

OB5-5-836.5-QPSK-25#LOW@30mHz-1GHz@Pass



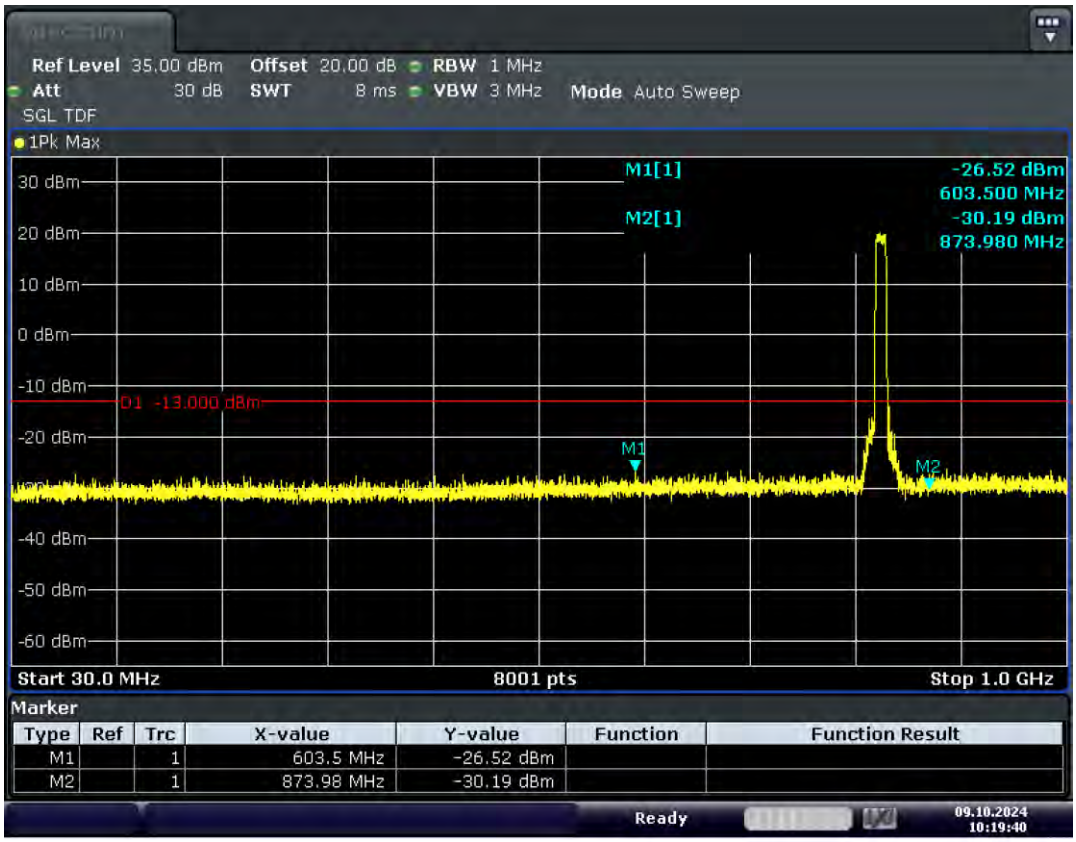
OB5-5-836.5-QPSK-25#LOW@1GHz-9GHz@Pass

OB5-5-846.5-QPSK-25#LOW@30mHz-1GHz@Pass



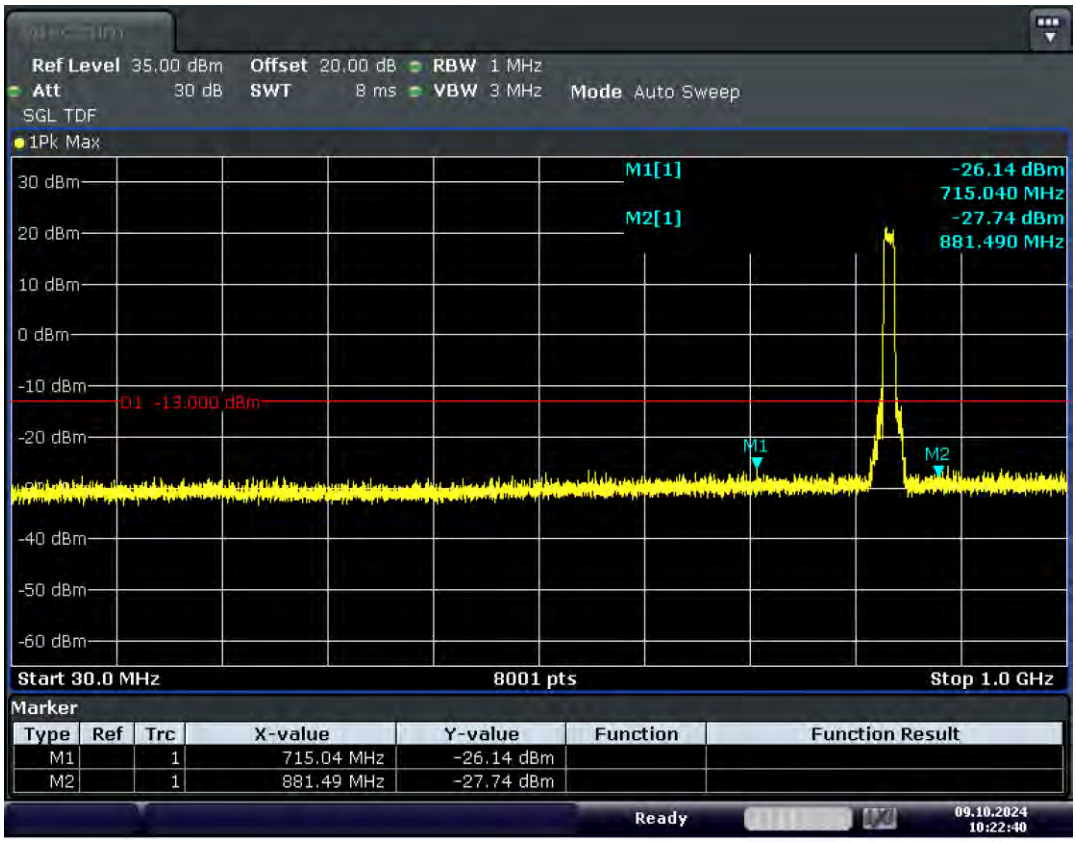
OB5-5-846.5-QPSK-25#LOW@1GHz-9GHz@Pass

OB5-10-829-QPSK-50#LOW@30mHz-1GHz@Pass



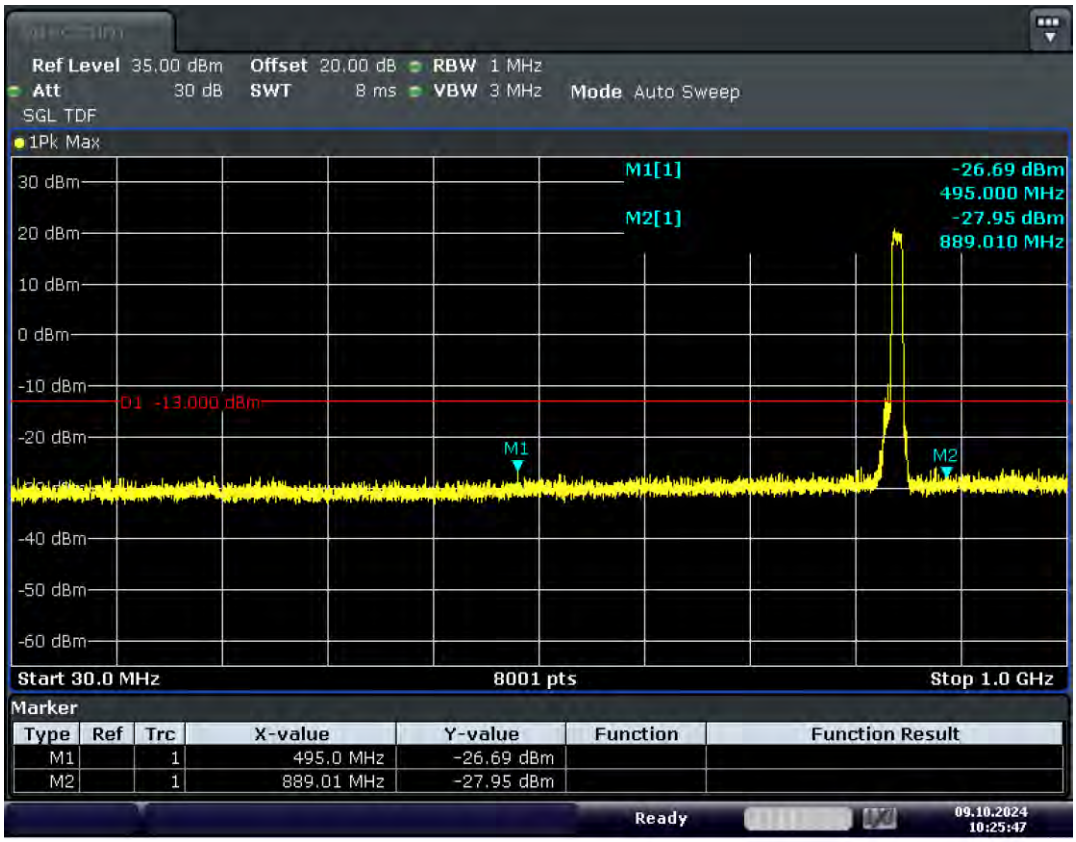
OB5-10-829-QPSK-50#LOW@1GHz-9GHz@Pass

OB5-10-836.5-QPSK-50#LOW@30mHz-1GHz@Pass



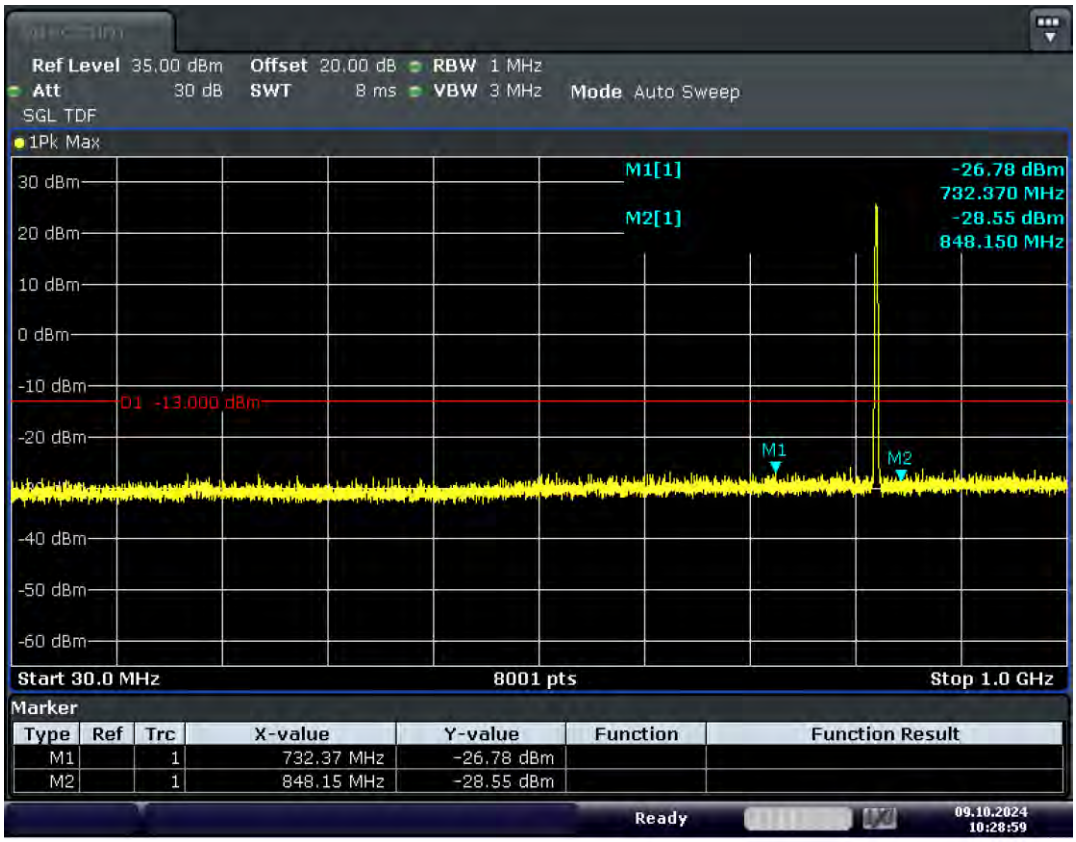
OB5-10-836.5-QPSK-50#LOW@1GHz-9GHz@Pass

OB5-10-844-QPSK-50#LOW@30mHz-1GHz@Pass



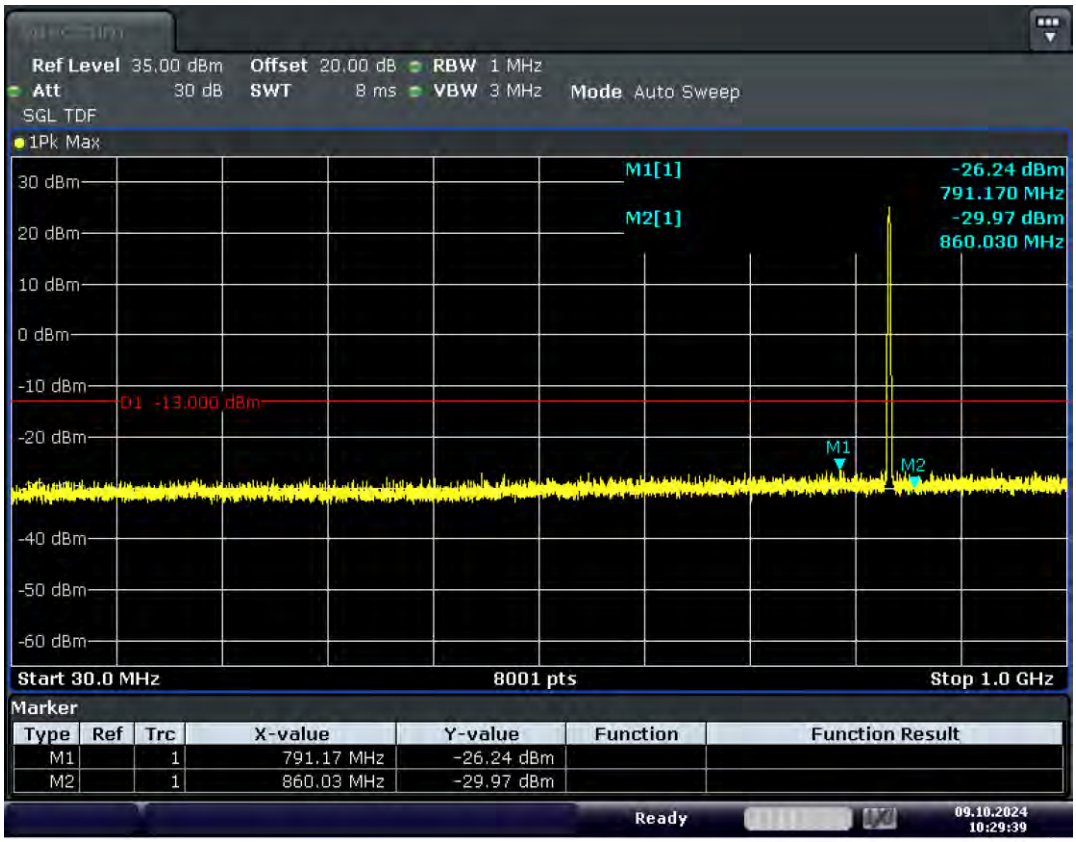
OB5-10-844-QPSK-50#LOW@1GHz-9GHz@Pass

OB5-1.4-824.7-Q16-6#LOW@30mHz-1GHz@Pass



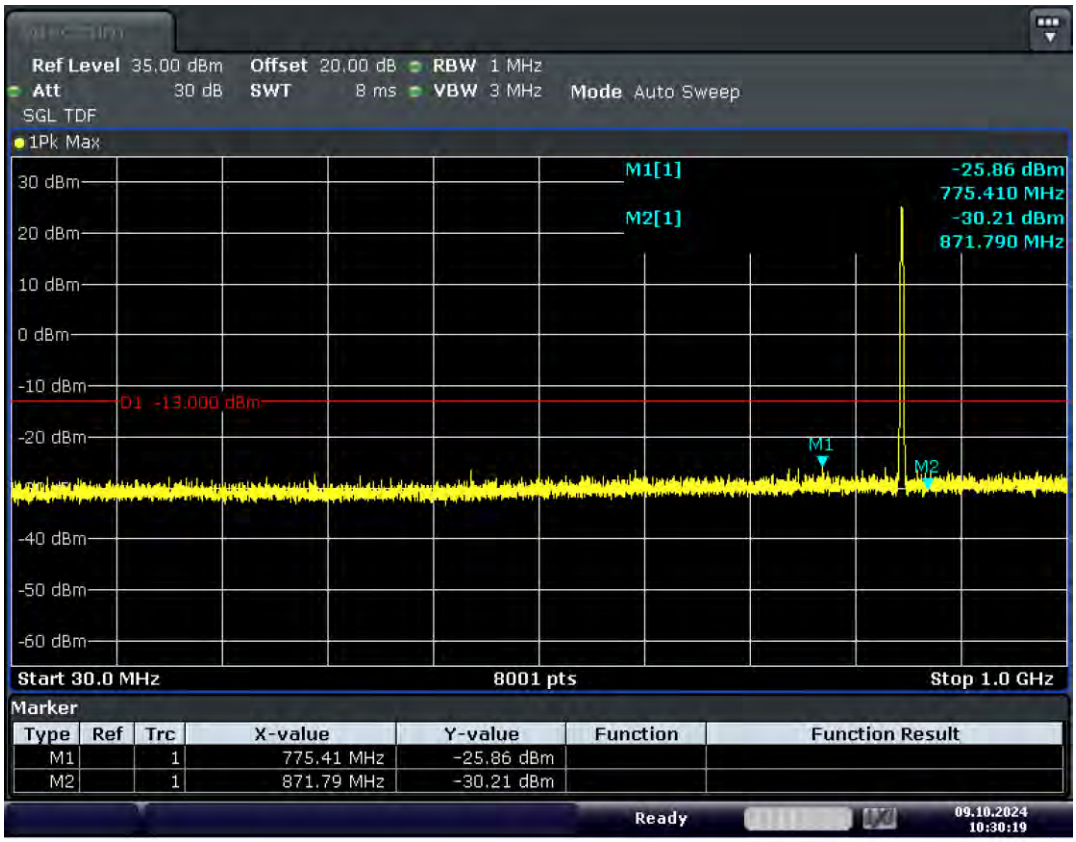
OB5-1.4-824.7-Q16-6#LOW@1GHz-9GHz@Pass

OB5-1.4-836.5-Q16-6#LOW@30mHz-1GHz@Pass



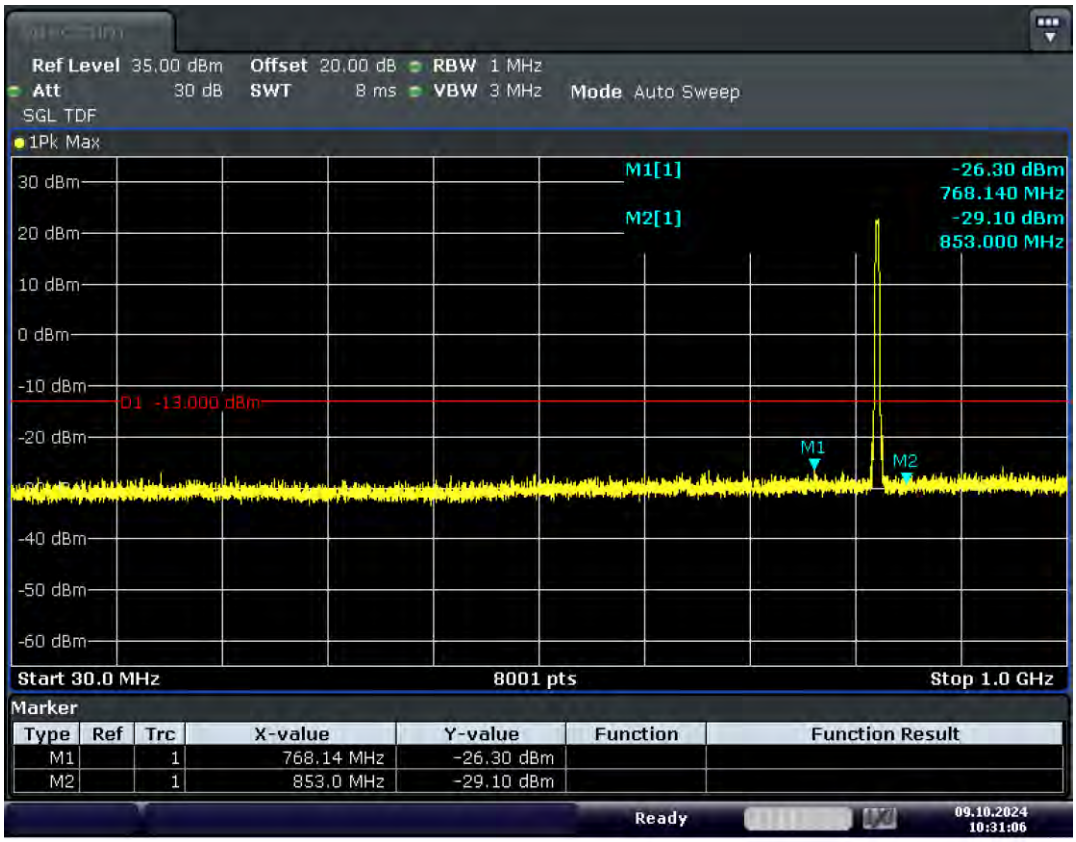
OB5-1.4-836.5-Q16-6#LOW@1GHz-9GHz@Pass

OB5-1.4-848.3-Q16-6#LOW@30mHz-1GHz@Pass



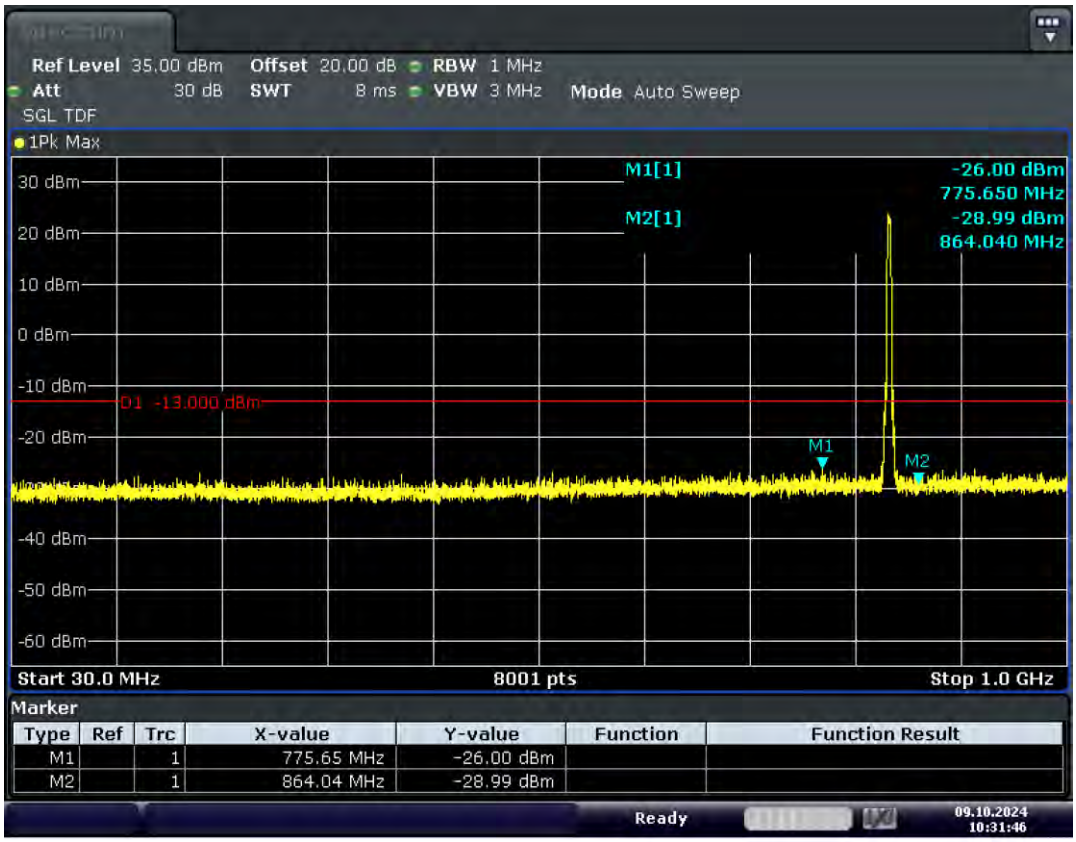
OB5-1.4-848.3-Q16-6#LOW@1GHz-9GHz@Pass

OB5-3-825.5-Q16-15#LOW@30mHz-1GHz@Pass



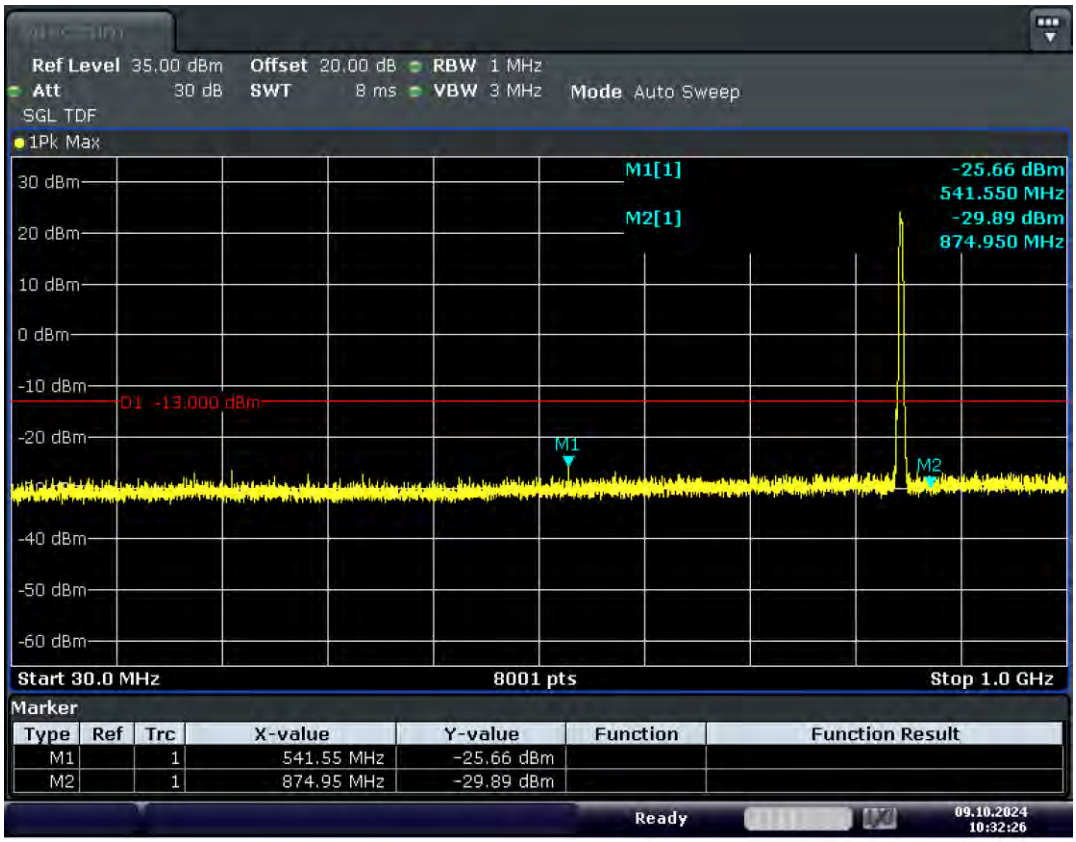
OB5-3-825.5-Q16-15#LOW@1GHz-9GHz@Pass

OB5-3-836.5-Q16-15#LOW@30mHz-1GHz@Pass



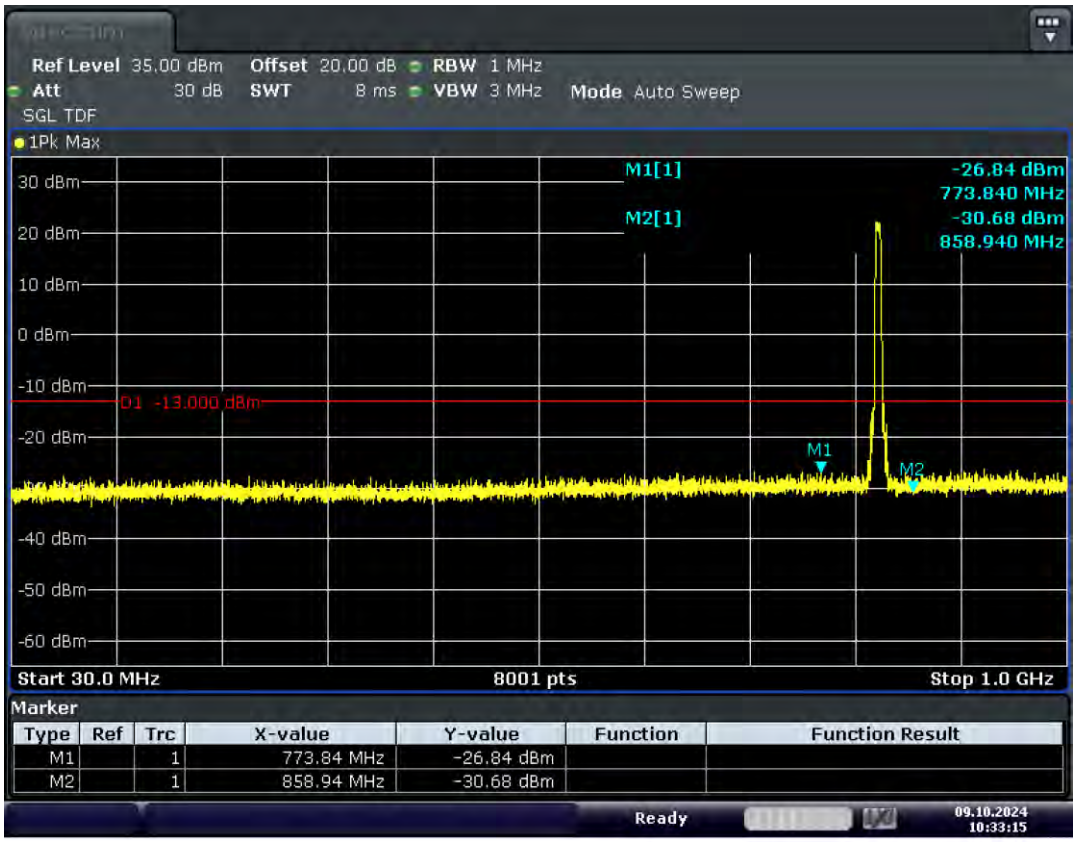
OB5-3-836.5-Q16-15#LOW@1GHz-9GHz@Pass

OB5-3-847.5-Q16-15#LOW@30mHz-1GHz@Pass



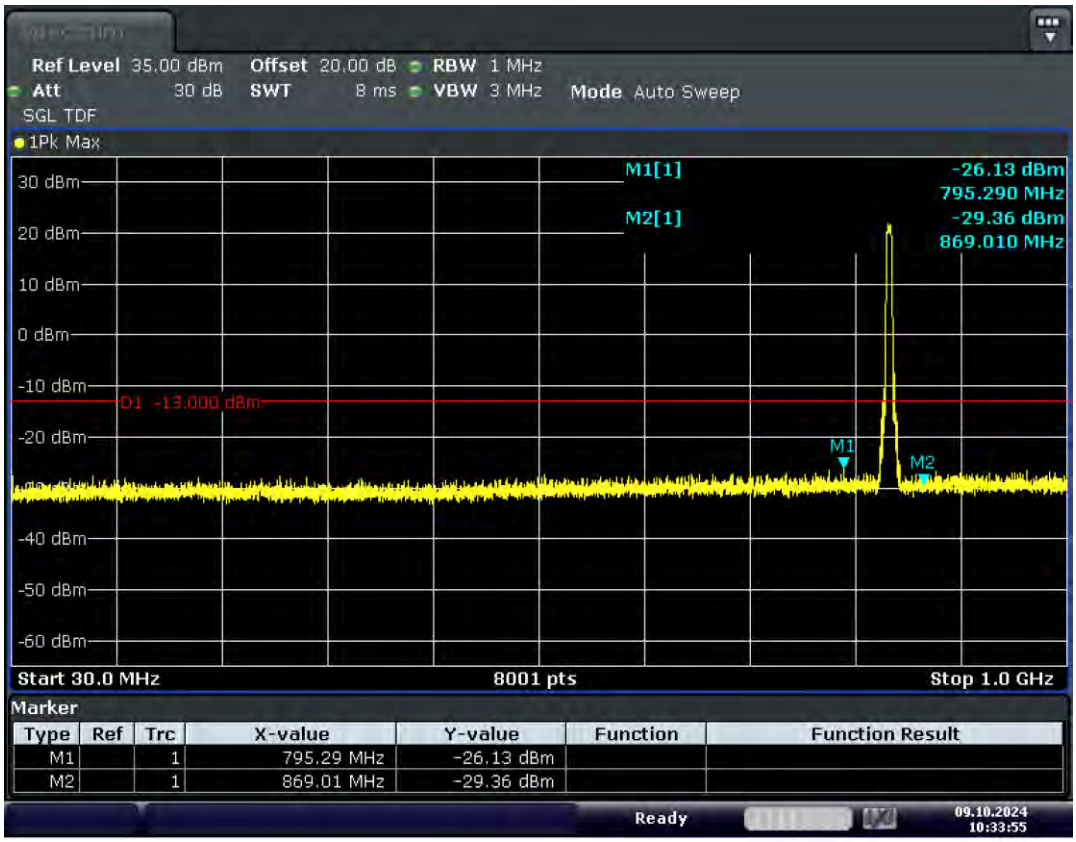
OB5-3-847.5-Q16-15#LOW@1GHz-9GHz@Pass

OB5-5-826.5-Q16-25#LOW@30mHz-1GHz@Pass



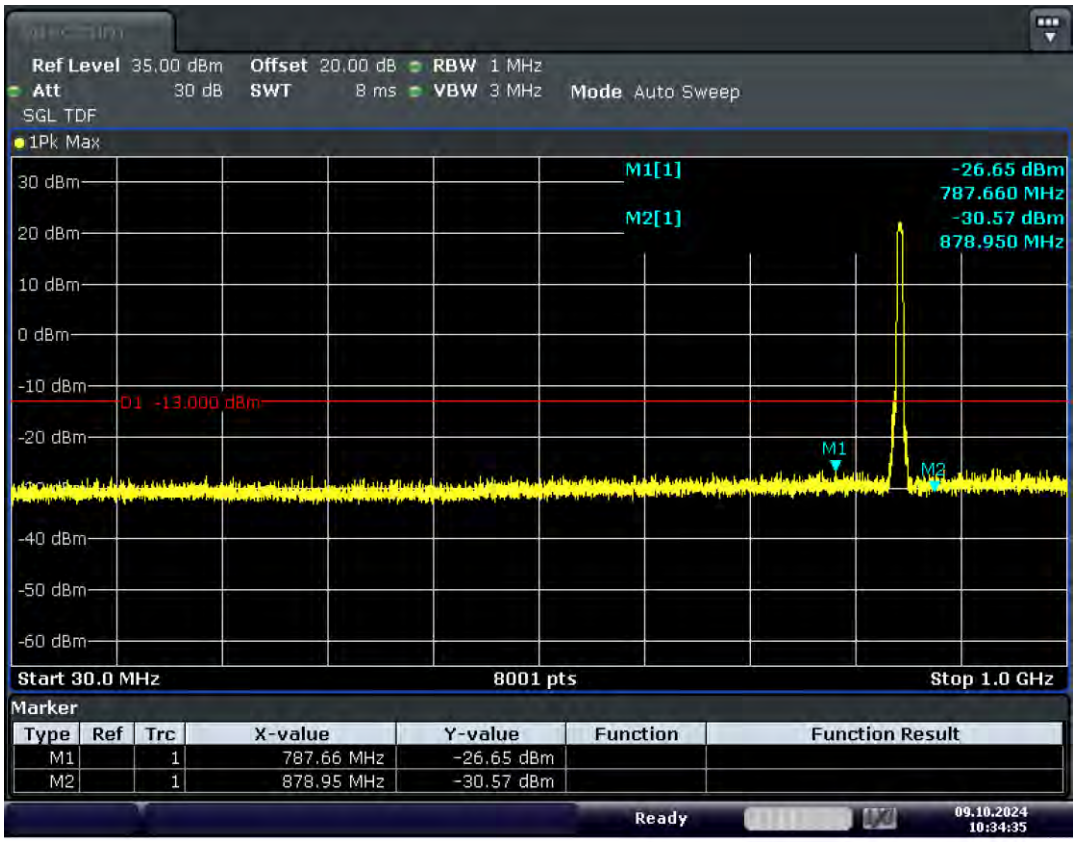
OB5-5-826.5-Q16-25#LOW@1GHz-9GHz@Pass

OB5-5-836.5-Q16-25#LOW@30mHz-1GHz@Pass



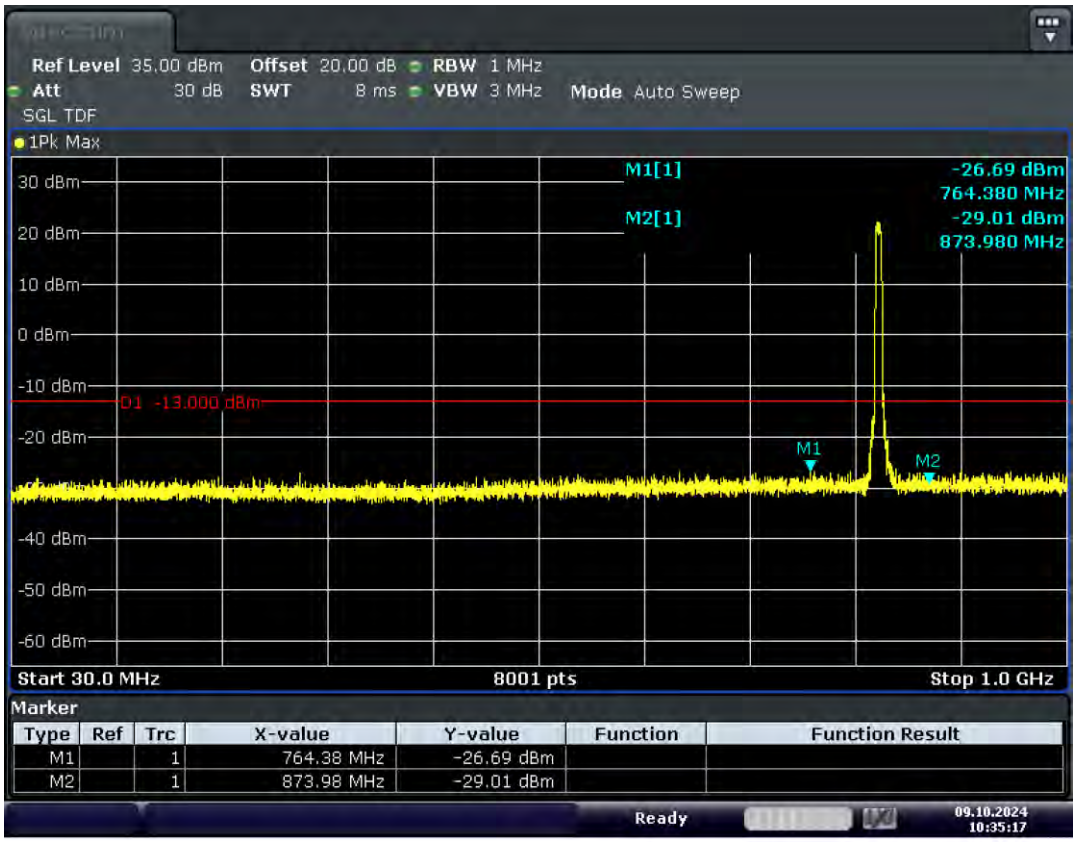
OB5-5-836.5-Q16-25#LOW@1GHz-9GHz@Pass

OB5-5-846.5-Q16-25#LOW@30mHz-1GHz@Pass



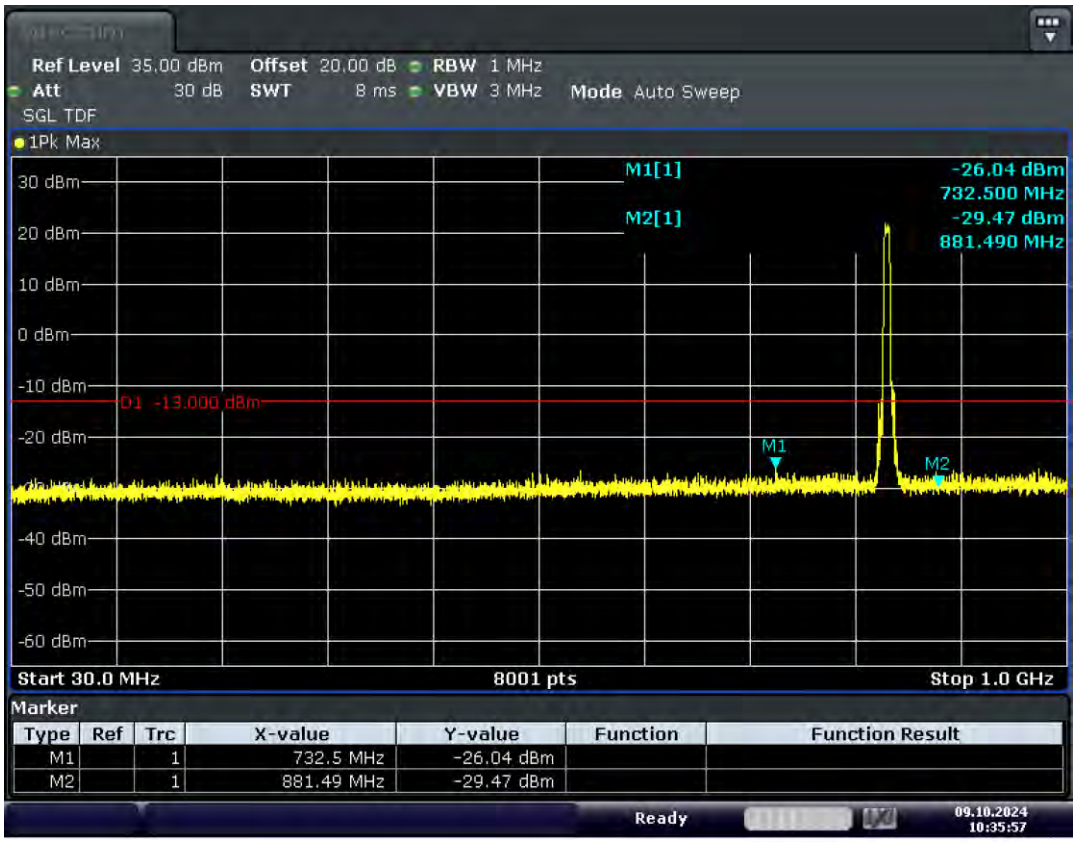
OB5-5-846.5-Q16-25#LOW@1GHz-9GHz@Pass

OB5-10-829-Q16-27#LOW@30mHz-1GHz@Pass



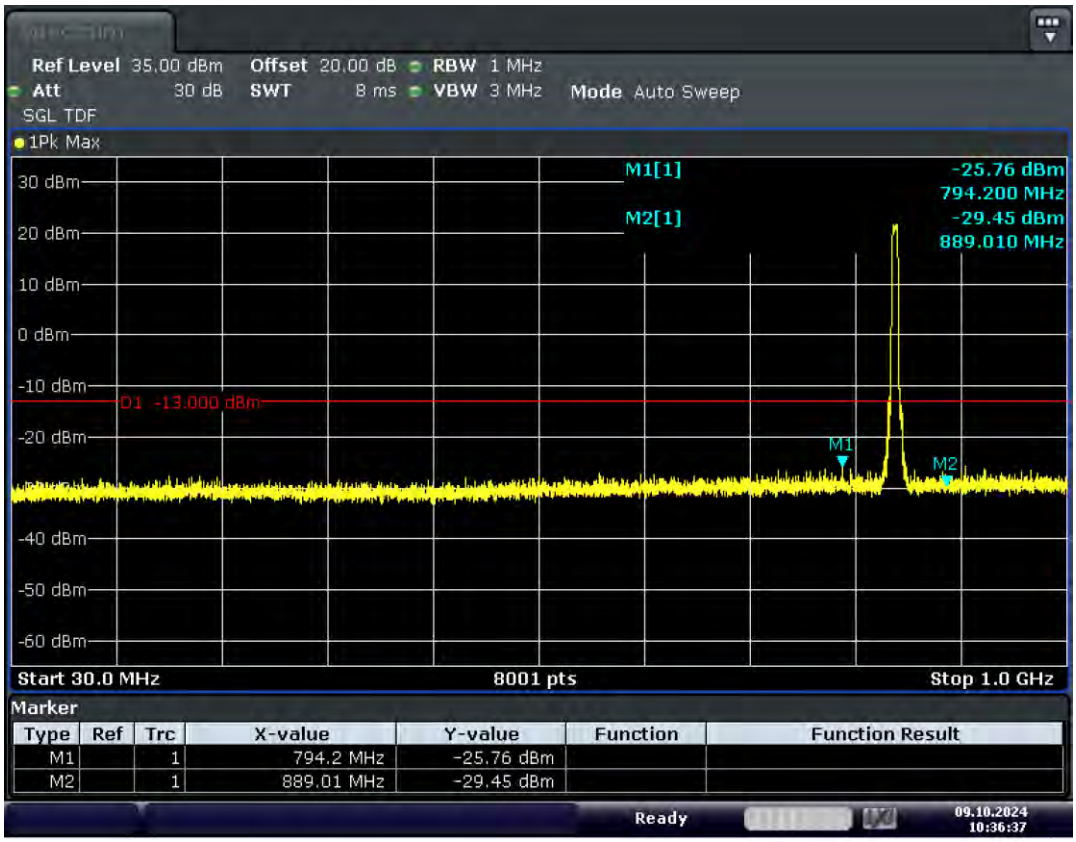
OB5-10-829-Q16-27#LOW@1GHz-9GHz@Pass

OB5-10-836.5-Q16-27#LOW@30mHz-1GHz@Pass



OB5-10-836.5-Q16-27#LOW@1GHz-9GHz@Pass

OB5-10-844-Q16-27#LOW@30mHz-1GHz@Pass



OB5-10-844-Q16-27#LOW@1GHz-9GHz@Pass

Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(MHz)	Emission Bandwidth(MHz)	Limit
Band5	1.4	824.7	QPSK	6	LOW	1.103	1.28	No limit
Band5	1.4	824.7	16QAM	6	LOW	1.106	1.331	No limit
Band5	1.4	836.5	QPSK	6	LOW	1.094	1.299	No limit
Band5	1.4	836.5	16QAM	6	LOW	1.093	1.268	No limit
Band5	1.4	848.3	QPSK	6	LOW	1.106	1.302	No limit
Band5	1.4	848.3	16QAM	6	LOW	1.097	1.296	No limit
Band5	3	825.5	QPSK	15	LOW	2.717	2.988	No limit
Band5	3	825.5	16QAM	15	LOW	2.708	2.946	No limit
Band5	3	836.5	QPSK	15	LOW	2.705	2.961	No limit
Band5	3	836.5	16QAM	15	LOW	2.723	2.973	No limit
Band5	3	847.5	QPSK	15	LOW	2.717	2.973	No limit
Band5	3	847.5	16QAM	15	LOW	2.708	2.973	No limit
Band5	5	826.5	QPSK	25	LOW	4.623	5.195	No limit
Band5	5	826.5	16QAM	25	LOW	4.533	5.065	No limit
Band5	5	836.5	QPSK	25	LOW	4.563	5.135	No limit
Band5	5	836.5	16QAM	25	LOW	4.538	5.05	No limit
Band5	5	846.5	QPSK	25	LOW	4.588	5.155	No limit
Band5	5	846.5	16QAM	25	LOW	4.593	5.335	No limit
Band5	10	829	QPSK	50	LOW	9.235	10.67	No limit
Band5	10	829	16QAM	27	LOW	5.287	6.52	No limit
Band5	10	836.5	QPSK	50	LOW	9.225	10.53	No limit
Band5	10	836.5	16QAM	27	LOW	5.267	6.48	No limit
Band5	10	844	QPSK	50	LOW	9.235	10.42	No limit
Band5	10	844	16QAM	27	LOW	5.297	6.63	No limit

Band5-1.4-824.7-QPSK-6#LOW@26dB and 99PCT Bandwidth

Band5-1.4-824.7-16QAM-6#LOW@26dB and 99PCT Bandwidth

Band5-1.4-836.5-QPSK-6#LOW@26dB and 99PCT Bandwidth

Band5-1.4-836.5-16QAM-6#LOW@26dB and 99PCT Bandwidth

Band5-1.4-848.3-QPSK-6#LOW@26dB and 99PCT Bandwidth

Band5-1.4-848.3-16QAM-6#LOW@26dB and 99PCT Bandwidth

Band5-3-825.5-QPSK-15#LOW@26dB and 99PCT Bandwidth

Band5-3-825.5-16QAM-15#LOW@26dB and 99PCT Bandwidth

Band5-3-836.5-QPSK-15#LOW@26dB and 99PCT Bandwidth

Band5-3-836.5-16QAM-15#LOW@26dB and 99PCT Bandwidth

Band5-3-847.5-QPSK-15#LOW@26dB and 99PCT Bandwidth

Band5-3-847.5-16QAM-15#LOW@26dB and 99PCT Bandwidth

Band5-5-826.5-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band5-5-826.5-16QAM-25#LOW@26dB and 99PCT Bandwidth

Band5-5-836.5-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band5-5-836.5-16QAM-25#LOW@26dB and 99PCT Bandwidth

Band5-5-846.5-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band5-5-846.5-16QAM-25#LOW@26dB and 99PCT Bandwidth

Band5-10-829-QPSK-50#LOW@26dB and 99PCT Bandwidth

Band5-10-829-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band5-10-836.5-QPSK-50#LOW@26dB and 99PCT Bandwidth

Band5-10-836.5-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band5-10-844-QPSK-50#LOW@26dB and 99PCT Bandwidth

Band5-10-844-16QAM-27#LOW@26dB and 99PCT Bandwidth

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0619	PASS
40	Normal Voltage	0.0336	
30	Normal Voltage	0.0173	
20(Ref.)	Normal Voltage	0.0242	
10	Normal Voltage	0.0607	
0	Normal Voltage	0.0194	
-10	Normal Voltage	0.0418	
-20	Normal Voltage	0.0337	
-30	Normal Voltage	0.0176	
20	Maximum Voltage	0.0166	
20	Normal Voltage	0.0289	
20	Battery End Point	0.0637	

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
Band5	1.4	824.7	QPSK	6	LOW	19.16	25	5.84	13	1.2	16.06	38.5	Pass
Band5	1.4	824.7	QPSK	3	LOW	20.15	25.63	5.48	13	1.2	17.05	38.5	Pass
Band5	1.4	824.7	QPSK	3	MID	20.16	25.65	5.49	13	1.2	17.06	38.5	Pass
Band5	1.4	824.7	QPSK	3	HIGH	20.22	25.72	5.5	13	1.2	17.12	38.5	Pass
Band5	1.4	824.7	QPSK	1	LOW	20	25.04	5.04	13	1.2	16.9	38.5	Pass
Band5	1.4	824.7	QPSK	1	MID	20.32	25.29	4.97	13	1.2	17.22	38.5	Pass
Band5	1.4	824.7	QPSK	1	HIGH	20.02	25.1	5.08	13	1.2	16.92	38.5	Pass
Band5	1.4	824.7	16QAM	6	LOW	18.23	25.08	6.85	13	1.2	15.13	38.5	Pass
Band5	1.4	824.7	16QAM	3	LOW	19.3	25.53	6.23	13	1.2	16.2	38.5	Pass
Band5	1.4	824.7	16QAM	3	MID	19.3	25.5	6.2	13	1.2	16.2	38.5	Pass
Band5	1.4	824.7	16QAM	3	HIGH	19.29	25.54	6.25	13	1.2	16.19	38.5	Pass
Band5	1.4	824.7	16QAM	1	LOW	19.31	24.42	5.11	13	1.2	16.21	38.5	Pass
Band5	1.4	824.7	16QAM	1	MID	19.6	24.67	5.07	13	1.2	16.5	38.5	Pass
Band5	1.4	824.7	16QAM	1	HIGH	19.35	24.48	5.13	13	1.2	16.25	38.5	Pass
Band5	1.4	836.5	QPSK	6	LOW	19.47	25.39	5.92	13	1.2	16.37	38.5	Pass
Band5	1.4	836.5	QPSK	3	LOW	20.5	25.24	4.74	13	1.2	17.4	38.5	Pass
Band5	1.4	836.5	QPSK	3	MID	20.52	25.26	4.74	13	1.2	17.42	38.5	Pass
Band5	1.4	836.5	QPSK	3	HIGH	20.45	25.23	4.78	13	1.2	17.35	38.5	Pass
Band5	1.4	836.5	QPSK	1	LOW	20.45	25.04	4.59	13	1.2	17.35	38.5	Pass

Band5	1.4	836.5	QPSK	1	MID	20.59	25.11	4.52	13	1.2	17.49	38.5	Pass
Band5	1.4	836.5	QPSK	1	HIGH	20.37	25	4.63	13	1.2	17.27	38.5	Pass
Band5	1.4	836.5	16QAM	6	LOW	18.5	25.41	6.91	13	1.2	15.4	38.5	Pass
Band5	1.4	836.5	16QAM	3	LOW	19.73	24.96	5.23	13	1.2	16.63	38.5	Pass
Band5	1.4	836.5	16QAM	3	MID	19.68	24.95	5.27	13	1.2	16.58	38.5	Pass
Band5	1.4	836.5	16QAM	3	HIGH	19.68	24.99	5.31	13	1.2	16.58	38.5	Pass
Band5	1.4	836.5	16QAM	1	LOW	19.55	24.67	5.12	13	1.2	16.45	38.5	Pass
Band5	1.4	836.5	16QAM	1	MID	19.75	24.78	5.03	13	1.2	16.65	38.5	Pass
Band5	1.4	836.5	16QAM	1	HIGH	19.55	24.64	5.09	13	1.2	16.45	38.5	Pass
Band5	1.4	848.3	QPSK	6	LOW	19.64	24.67	5.03	13	1.2	16.54	38.5	Pass
Band5	1.4	848.3	QPSK	3	LOW	20.7	24.8	4.1	13	1.2	17.6	38.5	Pass
Band5	1.4	848.3	QPSK	3	MID	20.59	24.78	4.19	13	1.2	17.49	38.5	Pass
Band5	1.4	848.3	QPSK	3	HIGH	20.67	24.39	3.72	13	1.2	17.57	38.5	Pass
Band5	1.4	848.3	QPSK	1	LOW	20.64	24.64	4	13	1.2	17.54	38.5	Pass
Band5	1.4	848.3	QPSK	1	MID	20.88	24.38	3.5	13	1.2	17.78	38.5	Pass
Band5	1.4	848.3	QPSK	1	HIGH	20.67	24.02	3.35	13	1.2	17.57	38.5	Pass
Band5	1.4	848.3	16QAM	6	LOW	18.81	24.78	5.97	13	1.2	15.71	38.5	Pass
Band5	1.4	848.3	16QAM	3	LOW	19.62	24.92	5.3	13	1.2	16.52	38.5	Pass
Band5	1.4	848.3	16QAM	3	MID	19.64	24.92	5.28	13	1.2	16.54	38.5	Pass
Band5	1.4	848.3	16QAM	3	HIGH	19.72	24.59	4.87	13	1.2	16.62	38.5	Pass
Band5	1.4	848.3	16QAM	1	LOW	19.7	24.14	4.44	13	1.2	16.6	38.5	Pass
Band5	1.4	848.3	16QAM	1	MID	19.88	24.02	4.14	13	1.2	16.78	38.5	Pass
Band5	1.4	848.3	16QAM	1	HIGH	19.65	23.66	4.01	13	1.2	16.55	38.5	Pass
Band5	3	825.5	QPSK	15	LOW	19.05	25.31	6.26	13	1.2	15.95	38.5	Pass
Band5	3	825.5	QPSK	8	LOW	19.08	24.84	5.76	13	1.2	15.98	38.5	Pass
Band5	3	825.5	QPSK	8	MID	19.07	25.05	5.98	13	1.2	15.97	38.5	Pass
Band5	3	825.5	QPSK	8	HIGH	19.12	25.1	5.98	13	1.2	16.02	38.5	Pass
Band5	3	825.5	QPSK	1	LOW	20.09	24.89	4.8	13	1.2	16.99	38.5	Pass
Band5	3	825.5	QPSK	1	MID	20.09	25.05	4.96	13	1.2	16.99	38.5	Pass
Band5	3	825.5	QPSK	1	HIGH	20.17	25.07	4.9	13	1.2	17.07	38.5	Pass
Band5	3	825.5	16QAM	15	LOW	18.18	25.47	7.29	13	1.2	15.08	38.5	Pass
Band5	3	825.5	16QAM	8	LOW	18.37	25.17	6.8	13	1.2	15.27	38.5	Pass
Band5	3	825.5	16QAM	8	MID	18.33	24.98	6.65	13	1.2	15.23	38.5	Pass
Band5	3	825.5	16QAM	8	HIGH	18.35	25.21	6.86	13	1.2	15.25	38.5	Pass
Band5	3	825.5	16QAM	1	LOW	19.71	25.64	5.93	13	1.2	16.61	38.5	Pass
Band5	3	825.5	16QAM	1	MID	19.75	25.7	5.95	13	1.2	16.65	38.5	Pass
Band5	3	825.5	16QAM	1	HIGH	19.86	26.04	6.18	13	1.2	16.76	38.5	Pass
Band5	3	836.5	QPSK	15	LOW	19.38	25.06	5.68	13	1.2	16.28	38.5	Pass
Band5	3	836.5	QPSK	8	LOW	19.37	25.1	5.73	13	1.2	16.27	38.5	Pass
Band5	3	836.5	QPSK	8	MID	19.4	25.07	5.67	13	1.2	16.3	38.5	Pass
Band5	3	836.5	QPSK	8	HIGH	19.43	25.14	5.71	13	1.2	16.33	38.5	Pass
Band5	3	836.5	QPSK	1	LOW	20.47	24.99	4.52	13	1.2	17.37	38.5	Pass
Band5	3	836.5	QPSK	1	MID	20.54	24.95	4.41	13	1.2	17.44	38.5	Pass
Band5	3	836.5	QPSK	1	HIGH	20.56	24.99	4.43	13	1.2	17.46	38.5	Pass
Band5	3	836.5	16QAM	15	LOW	18.44	24.88	6.44	13	1.2	15.34	38.5	Pass
Band5	3	836.5	16QAM	8	LOW	18.42	24.72	6.3	13	1.2	15.32	38.5	Pass
Band5	3	836.5	16QAM	8	MID	18.43	24.75	6.32	13	1.2	15.33	38.5	Pass

Band5	3	836.5	16QAM	8	HIGH	18.51	24.54	6.03	13	1.2	15.41	38.5	Pass
Band5	3	836.5	16QAM	1	LOW	19.59	24.25	4.66	13	1.2	16.49	38.5	Pass
Band5	3	836.5	16QAM	1	MID	19.59	24.2	4.61	13	1.2	16.49	38.5	Pass
Band5	3	836.5	16QAM	1	HIGH	19.61	24.22	4.61	13	1.2	16.51	38.5	Pass
Band5	3	847.5	QPSK	15	LOW	19.61	25.49	5.88	13	1.2	16.51	38.5	Pass
Band5	3	847.5	QPSK	8	LOW	19.62	25.54	5.92	13	1.2	16.52	38.5	Pass
Band5	3	847.5	QPSK	8	MID	19.61	25.32	5.71	13	1.2	16.51	38.5	Pass
Band5	3	847.5	QPSK	8	HIGH	19.61	25	5.39	13	1.2	16.51	38.5	Pass
Band5	3	847.5	QPSK	1	LOW	20.57	25.28	4.71	13	1.2	17.47	38.5	Pass
Band5	3	847.5	QPSK	1	MID	20.66	24.79	4.13	13	1.2	17.56	38.5	Pass
Band5	3	847.5	QPSK	1	HIGH	20.71	24.07	3.36	13	1.2	17.61	38.5	Pass
Band5	3	847.5	16QAM	15	LOW	18.7	25.05	6.35	13	1.2	15.6	38.5	Pass
Band5	3	847.5	16QAM	8	LOW	18.75	25.05	6.3	13	1.2	15.65	38.5	Pass
Band5	3	847.5	16QAM	8	MID	18.78	25.18	6.4	13	1.2	15.68	38.5	Pass
Band5	3	847.5	16QAM	8	HIGH	18.7	24.75	6.05	13	1.2	15.6	38.5	Pass
Band5	3	847.5	16QAM	1	LOW	19.82	24.76	4.94	13	1.2	16.72	38.5	Pass
Band5	3	847.5	16QAM	1	MID	19.81	24.39	4.58	13	1.2	16.71	38.5	Pass
Band5	3	847.5	16QAM	1	HIGH	19.8	23.82	4.02	13	1.2	16.7	38.5	Pass
Band5	5	826.5	QPSK	25	LOW	19.15	25.53	6.38	13	1.2	16.05	38.5	Pass
Band5	5	826.5	QPSK	12	LOW	19.06	24.91	5.85	13	1.2	15.96	38.5	Pass
Band5	5	826.5	QPSK	12	MID	19.09	25.21	6.12	13	1.2	15.99	38.5	Pass
Band5	5	826.5	QPSK	12	HIGH	19.16	25.03	5.87	13	1.2	16.06	38.5	Pass
Band5	5	826.5	QPSK	1	LOW	20.03	25.66	5.63	13	1.2	16.93	38.5	Pass
Band5	5	826.5	QPSK	1	MID	20.24	25.84	5.6	13	1.2	17.14	38.5	Pass
Band5	5	826.5	QPSK	1	HIGH	20.15	25.73	5.58	13	1.2	17.05	38.5	Pass
Band5	5	826.5	16QAM	25	LOW	18.21	25.57	7.36	13	1.2	15.11	38.5	Pass
Band5	5	826.5	16QAM	12	LOW	18.17	25.36	7.19	13	1.2	15.07	38.5	Pass
Band5	5	826.5	16QAM	12	MID	18.18	25.53	7.35	13	1.2	15.08	38.5	Pass
Band5	5	826.5	16QAM	12	HIGH	18.22	25.48	7.26	13	1.2	15.12	38.5	Pass
Band5	5	826.5	16QAM	1	LOW	19.05	24.7	5.65	13	1.2	15.95	38.5	Pass
Band5	5	826.5	16QAM	1	MID	19.28	24.93	5.65	13	1.2	16.18	38.5	Pass
Band5	5	826.5	16QAM	1	HIGH	19.15	24.85	5.7	13	1.2	16.05	38.5	Pass
Band5	5	836.5	QPSK	25	LOW	19.39	25.65	6.26	13	1.2	16.29	38.5	Pass
Band5	5	836.5	QPSK	12	LOW	19.34	25.13	5.79	13	1.2	16.24	38.5	Pass
Band5	5	836.5	QPSK	12	MID	19.36	25.28	5.92	13	1.2	16.26	38.5	Pass
Band5	5	836.5	QPSK	12	HIGH	19.38	25.21	5.83	13	1.2	16.28	38.5	Pass
Band5	5	836.5	QPSK	1	LOW	20.36	24.95	4.59	13	1.2	17.26	38.5	Pass
Band5	5	836.5	QPSK	1	MID	20.48	24.89	4.41	13	1.2	17.38	38.5	Pass
Band5	5	836.5	QPSK	1	HIGH	20.4	24.89	4.49	13	1.2	17.3	38.5	Pass
Band5	5	836.5	16QAM	25	LOW	18.49	26.13	7.64	13	1.2	15.39	38.5	Pass
Band5	5	836.5	16QAM	12	LOW	18.5	24.76	6.26	13	1.2	15.4	38.5	Pass
Band5	5	836.5	16QAM	12	MID	18.5	24.81	6.31	13	1.2	15.4	38.5	Pass
Band5	5	836.5	16QAM	12	HIGH	18.55	24.81	6.26	13	1.2	15.45	38.5	Pass
Band5	5	836.5	16QAM	1	LOW	19.63	24.85	5.22	13	1.2	16.53	38.5	Pass
Band5	5	836.5	16QAM	1	MID	19.75	24.8	5.05	13	1.2	16.65	38.5	Pass
Band5	5	836.5	16QAM	1	HIGH	19.69	24.8	5.11	13	1.2	16.59	38.5	Pass
Band5	5	846.5	QPSK	25	LOW	19.53	25.55	6.02	13	1.2	16.43	38.5	Pass

Band5	5	846.5	QPSK	12	LOW	19.58	25.41	5.83	13	1.2	16.48	38.5	Pass
Band5	5	846.5	QPSK	12	MID	19.57	25.24	5.67	13	1.2	16.47	38.5	Pass
Band5	5	846.5	QPSK	12	HIGH	19.49	24.83	5.34	13	1.2	16.39	38.5	Pass
Band5	5	846.5	QPSK	1	LOW	20.5	25.52	5.02	13	1.2	17.4	38.5	Pass
Band5	5	846.5	QPSK	1	MID	20.56	25.25	4.69	13	1.2	17.46	38.5	Pass
Band5	5	846.5	QPSK	1	HIGH	20.54	24.16	3.62	13	1.2	17.44	38.5	Pass
Band5	5	846.5	16QAM	25	LOW	18.58	25.71	7.13	13	1.2	15.48	38.5	Pass
Band5	5	846.5	16QAM	12	LOW	18.64	25.29	6.65	13	1.2	15.54	38.5	Pass
Band5	5	846.5	16QAM	12	MID	18.65	25.4	6.75	13	1.2	15.55	38.5	Pass
Band5	5	846.5	16QAM	12	HIGH	18.61	24.95	6.34	13	1.2	15.51	38.5	Pass
Band5	5	846.5	16QAM	1	LOW	19.59	25.58	5.99	13	1.2	16.49	38.5	Pass
Band5	5	846.5	16QAM	1	MID	19.63	25.35	5.72	13	1.2	16.53	38.5	Pass
Band5	5	846.5	16QAM	1	HIGH	19.52	24.28	4.76	13	1.2	16.42	38.5	Pass
Band5	10	829	QPSK	50	LOW	19.19	25.46	6.27	13	1.2	16.09	38.5	Pass
Band5	10	829	QPSK	12	LOW	20.13	26.14	6.01	13	1.2	17.03	38.5	Pass
Band5	10	829	QPSK	12	MID	20.13	26.13	6	13	1.2	17.03	38.5	Pass
Band5	10	829	QPSK	12	HIGH	20.29	25.78	5.49	13	1.2	17.19	38.5	Pass
Band5	10	829	QPSK	1	LOW	20.07	25.11	5.04	13	1.2	16.97	38.5	Pass
Band5	10	829	QPSK	1	MID	20.45	25.26	4.81	13	1.2	17.35	38.5	Pass
Band5	10	829	QPSK	1	HIGH	20.32	24.93	4.61	13	1.2	17.22	38.5	Pass
Band5	10	829	16QAM	27	LOW	18.37	25.36	6.99	13	1.2	15.27	38.5	Pass
Band5	10	829	16QAM	12	LOW	19.26	25.6	6.34	13	1.2	16.16	38.5	Pass
Band5	10	829	16QAM	12	MID	19.23	25.62	6.39	13	1.2	16.13	38.5	Pass
Band5	10	829	16QAM	12	HIGH	19.36	25.37	6.01	13	1.2	16.26	38.5	Pass
Band5	10	829	16QAM	1	LOW	19.35	24.54	5.19	13	1.2	16.25	38.5	Pass
Band5	10	829	16QAM	1	MID	19.77	24.78	5.01	13	1.2	16.67	38.5	Pass
Band5	10	829	16QAM	1	HIGH	19.52	24.41	4.89	13	1.2	16.42	38.5	Pass
Band5	10	836.5	QPSK	50	LOW	19.45	25.43	5.98	13	1.2	16.35	38.5	Pass
Band5	10	836.5	QPSK	25	LOW	19.48	25.32	5.84	13	1.2	16.38	38.5	Pass
Band5	10	836.5	QPSK	25	MID	19.44	25.25	5.81	13	1.2	16.34	38.5	Pass
Band5	10	836.5	QPSK	25	HIGH	19.46	25.27	5.81	13	1.2	16.36	38.5	Pass
Band5	10	836.5	QPSK	1	LOW	20.23	24.84	4.61	13	1.2	17.13	38.5	Pass
Band5	10	836.5	QPSK	1	MID	20.59	24.8	4.21	13	1.2	17.49	38.5	Pass
Band5	10	836.5	QPSK	1	HIGH	20.52	24.94	4.42	13	1.2	17.42	38.5	Pass
Band5	10	836.5	16QAM	27	LOW	18.51	25.14	6.63	13	1.2	15.41	38.5	Pass
Band5	10	836.5	16QAM	15	LOW	18.48	25.22	6.74	13	1.2	15.38	38.5	Pass
Band5	10	836.5	16QAM	15	MID	18.54	25.22	6.68	13	1.2	15.44	38.5	Pass
Band5	10	836.5	16QAM	15	HIGH	18.49	25.07	6.58	13	1.2	15.39	38.5	Pass
Band5	10	836.5	16QAM	1	LOW	19.94	25.52	5.58	13	1.2	16.84	38.5	Pass
Band5	10	836.5	16QAM	1	MID	20.18	25.32	5.14	13	1.2	17.08	38.5	Pass
Band5	10	836.5	16QAM	1	HIGH	20.03	25.42	5.39	13	1.2	16.93	38.5	Pass
Band5	10	844	QPSK	50	LOW	19.59	25.76	6.17	13	1.2	16.49	38.5	Pass
Band5	10	844	QPSK	25	LOW	19.67	25.46	5.79	13	1.2	16.57	38.5	Pass
Band5	10	844	QPSK	25	MID	19.68	25.54	5.86	13	1.2	16.58	38.5	Pass
Band5	10	844	QPSK	25	HIGH	19.56	25.44	5.88	13	1.2	16.46	38.5	Pass
Band5	10	844	QPSK	1	LOW	20.57	25.02	4.45	13	1.2	17.47	38.5	Pass
Band5	10	844	QPSK	1	MID	20.87	25.59	4.72	13	1.2	17.77	38.5	Pass

Band5	10	844	QPSK	1	HIGH	20.67	24.39	3.72	13	1.2	17.57	38.5	Pass
Band5	10	844	16QAM	27	LOW	18.77	25.74	6.97	13	1.2	15.67	38.5	Pass
Band5	10	844	16QAM	15	LOW	18.59	25.21	6.62	13	1.2	15.49	38.5	Pass
Band5	10	844	16QAM	15	MID	18.64	25.26	6.62	13	1.2	15.54	38.5	Pass
Band5	10	844	16QAM	15	HIGH	18.61	25.26	6.65	13	1.2	15.51	38.5	Pass
Band5	10	844	16QAM	1	LOW	19.66	24.29	4.63	13	1.2	16.56	38.5	Pass
Band5	10	844	16QAM	1	MID	20.01	24.83	4.82	13	1.2	16.91	38.5	Pass
Band5	10	844	16QAM	1	HIGH	19.7	23.92	4.22	13	1.2	16.6	38.5	Pass