Appendix Test Data for LTE band 2(Conducted Measurement)

Product Name: 4G Poc Radio

Trade Mark: N/A

Test Model: N580

FCC ID: 2BQXTP300N

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
2	1.4	1850.7	QPSK	6	LOW	22.17	28.02	5.85	13	1	23.17	33	Pass
2	1.4	1850.7	QPSK	3	LOW	23.12	29.01	5.89	13	1	24.12	33	Pass
2	1.4	1850.7	QPSK	3	MID	23.11	29.01	5.90	13	1	24.11	33	Pass
2	1.4	1850.7	QPSK	3	HIGH	23.16	29.27	6.11	13	1	24.16	33	Pass
2	1.4	1850.7	QPSK	1	LOW	23.15	29.08	5.93	13	1	24.15	33	Pass
2	1.4	1850.7	QPSK	1	MID	23.15	29.03	5.88	13	1	24.15	33	Pass
2	1.4	1850.7	QPSK	1	HIGH	23.18	29.21	6.03	13	1	24.18	33	Pass
2	1.4	1850.7	16QAM	6	LOW	21.19	28.48	7.29	13	1	22.19	33	Pass
2	1.4	1850.7	16QAM	3	LOW	22.09	28.98	6.89	13	1	23.09	33	Pass
2	1.4	1850.7	16QAM	3	MID	22.09	28.99	6.90	13	1	23.09	33	Pass
2	1.4	1850.7	16QAM	3	HIGH	22.1	29.02	6.92	13	1	23.1	33	Pass
2	1.4	1850.7	16QAM	1	LOW	22.33	28.59	6.26	13	1	23.33	33	Pass
2	1.4	1850.7	16QAM	1	MID	22.42	28.62	6.20	13	1	23.42	33	Pass
2	1.4	1850.7	16QAM	1	HIGH	22.35	28.78	6.43	13	1	23.35	33	Pass
2	1.4	1880	QPSK	6	LOW	21.61	28.65	7.04	13	1	22.61	33	Pass
2	1.4	1880	QPSK	3	LOW	22.51	28.81	6.30	13	1	23.51	33	Pass
2	1.4	1880	QPSK	3	MID	22.5	28.79	6.29	13	1	23.5	33	Pass
2	1.4	1880	QPSK	3	HIGH	22.54	28.93	6.39	13	1	23.54	33	Pass
2	1.4	1880	QPSK	1	LOW	22.55	28.09	5.54	13	1	23.55	33	Pass
2	1.4	1880	QPSK	1	MID	22.58	28.12	5.54	13	1	23.58	33	Pass
2	1.4	1880	QPSK	1	HIGH	22.58	28.19	5.61	13	1	23.58	33	Pass
2	1.4	1880	16QAM	6	LOW	20.58	27.47	6.89	13	1	21.58	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
2	1.4	1880	16QAM	3	LOW	21.43	28.11	6.68	13	1	22.43	33	Pass
2	1.4	1880	16QAM	3	MID	21.43	28.11	6.68	13	1	22.43	33	Pass
2	1.4	1880	16QAM	3	HIGH	21.43	28.25	6.82	13	1	22.43	33	Pass
2	1.4	1880	16QAM	1	LOW	21.51	28.5	6.99	13	1	22.51	33	Pass
2	1.4	1880	16QAM	1	MID	21.58	28.46	6.88	13	1	22.58	33	Pass
2	1.4	1880	16QAM	1	HIGH	21.52	28.64	7.12	13	1	22.52	33	Pass
2	1.4	1909.3	QPSK	6	LOW	22.19	28.19	6	13	1	23.19	33	Pass
2	1.4	1909.3	QPSK	3	LOW	22.98	28.21	5.23	13	1	23.98	33	Pass
2	1.4	1909.3	QPSK	3	MID	22.98	28.21	5.23	13	1	23.98	33	Pass
2	1.4	1909.3	QPSK	3	HIGH	23.43	28.18	4.75	13	1	24.43	33	Pass
2	1.4	1909.3	QPSK	1	LOW	22.96	28.11	5.15	13	1	23.96	33	Pass
2	1.4	1909.3	QPSK	1	MID	23.31	27.95	4.64	13	1	24.31	33	Pass
2	1.4	1909.3	QPSK	1	HIGH	23.59	28	4.41	13	1	24.59	33	Pass
2	1.4	1909.3	16QAM	6	LOW	21.1	28.22	7.12	13	1	22.1	33	Pass
2	1.4	1909.3	16QAM	3	LOW	21.9	27.8	5.90	13	1	22.9	33	Pass
2	1.4	1909.3	16QAM	3	MID	21.89	27.78	5.89	13	1	22.89	33	Pass
2	1.4	1909.3	16QAM	3	HIGH	22.27	27.79	5.52	13	1	23.27	33	Pass
2	1.4	1909.3	16QAM	1	LOW	22.13	27.69	5.56	13	1	23.13	33	Pass
2	1.4	1909.3	16QAM	1	MID	22.52	27.65	5.13	13	1	23.52	33	Pass
2	1.4	1909.3	16QAM	1	HIGH	22.66	27.81	5.15	13	1	23.66	33	Pass
2	3	1851.5	QPSK	15	LOW	22.11	28.57	6.46	13	1	23.11	33	Pass
2	3	1851.5	QPSK	8	LOW	22.08	28.13	6.05	13	1	23.08	33	Pass
2	3	1851.5	QPSK	8	MID	22.06	28.16	6.10	13	1	23.06	33	Pass
2	3	1851.5	QPSK	8	HIGH	22.11	28.18	6.07	13	1	23.11	33	Pass
2	3	1851.5	QPSK	1	LOW	23.05	28.81	5.76	13	1	24.05	33	Pass
2	3	1851.5	QPSK	1	MID	23.2	28.92	5.72	13	1	24.2	33	Pass
2	3	1851.5	QPSK	1	HIGH	23.1	28.87	5.77	13	1	24.1	33	Pass
2	3	1851.5	16QAM	15	LOW	20.98	28.43	7.45	13	1	21.98	33	Pass
2	3	1851.5	16QAM	8	LOW	21.07	28.55	7.48	13	1	22.07	33	Pass
2	3	1851.5	16QAM	8	MID	21.07	28.54	7.47	13	1	22.07	33	Pass
2	3	1851.5	16QAM	8	HIGH	21.14	28.61	7.47	13	1	22.14	33	Pass
2	3	1851.5	16QAM	1	LOW	22.22	28.1	5.88	13	1	23.22	33	Pass
2	3	1851.5	16QAM	1	MID	22.36	28.25	5.89	13	1	23.36	33	Pass
2	3	1851.5	16QAM	1	HIGH	22.19	28.14	5.95	13	1	23.19	33	Pass
2	3	1880	QPSK	15	LOW	21.6	27.43	5.83	13	1	22.6	33	Pass
2	3	1880	QPSK	8	LOW	21.56	27.95	6.39	13	1	22.56	33	Pass
2	3	1880	QPSK	8	MID	21.56	27.93	6.37	13	1	22.56	33	Pass
2	3	1880	QPSK	8	HIGH	21.51	27.87	6.36	13	1	22.51	33	Pass
2	3	1880	QPSK	1	LOW	22.49	28.21	5.72	13	1	23.49	33	Pass
2	3	1880	QPSK	1	MID	22.56	28.19	5.63	13	1	23.56	33	Pass
2	3	1880	QPSK	1	HIGH	22.42	28.16	5.74	13	1	23.42	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
2	3	1880	16QAM	15	LOW	20.6	27.58	6.98	13	1	21.6	33	Pass
2	3	1880	16QAM	8	LOW	20.64	28.57	7.93	13	1	21.64	33	Pass
2	3	1880	16QAM	8	MID	20.64	28.56	7.92	13	1	21.64	33	Pass
2	3	1880	16QAM	8	HIGH	20.61	28.48	7.87	13	1	21.61	33	Pass
2	3	1880	16QAM	1	LOW	21.78	27.76	5.98	13	1	22.78	33	Pass
2	3	1880	16QAM	1	MID	21.81	27.67	5.86	13	1	22.81	33	Pass
2	3	1880	16QAM	1	HIGH	21.65	27.62	5.97	13	1	22.65	33	Pass
2	3	1908.5	QPSK	15	LOW	21.71	27.72	6.01	13	1	22.71	33	Pass
2	3	1908.5	QPSK	8	LOW	21.59	27.67	6.08	13	1	22.59	33	Pass
2	3	1908.5	QPSK	8	MID	21.59	27.72	6.13	13	1	22.59	33	Pass
2	3	1908.5	QPSK	8	HIGH	22.03	27.89	5.86	13	1	23.03	33	Pass
2	3	1908.5	QPSK	1	LOW	22.53	27.86	5.33	13	1	23.53	33	Pass
2	3	1908.5	QPSK	1	MID	22.91	27.78	4.87	13	1	23.91	33	Pass
2	3	1908.5	QPSK	1	HIGH	23.45	27.73	4.28	13	1	24.45	33	Pass
2	3	1908.5	16QAM	15	LOW	20.68	28.66	7.98	13	1	21.68	33	Pass
2	3	1908.5	16QAM	8	LOW	20.7	27.52	6.82	13	1	21.7	33	Pass
2	3	1908.5	16QAM	8	MID	20.7	27.54	6.84	13	1	21.7	33	Pass
2	3	1908.5	16QAM	8	HIGH	21.1	27.71	6.61	13	1	22.1	33	Pass
2	3	1908.5	16QAM	1	LOW	21.43	28.27	6.84	13	1	22.43	33	Pass
2	3	1908.5	16QAM	1	MID	21.82	28.14	6.32	13	1	22.82	33	Pass
2	3	1908.5	16QAM	1	HIGH	22.31	28.01	5.70	13	1	23.31	33	Pass
2	5	1852.5	QPSK	25	LOW	22.17	28.38	6.21	13	1	23.17	33	Pass
2	5	1852.5	QPSK	12	LOW	22.14	28.22	6.08	13	1	23.14	33	Pass
2	5	1852.5	QPSK	12	MID	22.13	28.36	6.23	13	1	23.13	33	Pass
2	5	1852.5	QPSK	12	HIGH	22.23	28.48	6.25	13	1	23.23	33	Pass
2	5	1852.5	QPSK	1	LOW	23.27	28.23	4.96	13	1	24.27	33	Pass
2	5	1852.5	QPSK	1	MID	23.33	28.3	4.97	13	1	24.33	33	Pass
2	5	1852.5	QPSK	1	HIGH	23.39	28.32	4.93	13	1	24.39	33	Pass
2	5	1852.5	16QAM	25	LOW	21.12	28.55	7.43	13	1	22.12	33	Pass
2	5	1852.5	16QAM	12	LOW	21.12	28.14	7.02	13	1	22.12	33	Pass
2	5	1852.5	16QAM	12	MID	21.12	28.28	7.16	13	1	22.12	33	Pass
2	5	1852.5	16QAM	12	HIGH	21.22	28.4	7.18	13	1	22.22	33	Pass
2	5	1852.5	16QAM	1	LOW	22.35	28.26	5.91	13	1	23.35	33	Pass
2	5	1852.5	16QAM	1	MID	22.36	28.08	5.72	13	1	23.36	33	Pass
2	5	1852.5	16QAM	1	HIGH	22.51	28.37	5.86	13	1	23.51	33	Pass
2	5	1880	QPSK	25	LOW	21.58	28.36	6.78	13	1	22.58	33	Pass
2	5	1880	QPSK	12	LOW	21.56	28.24	6.68	13	1	22.56	33	Pass
2	5	1880	QPSK	12	MID	21.55	28.25	6.70	13	1	22.55	33	Pass
2	5	1880	QPSK	12	HIGH	21.48	28.19	6.71	13	1	22.48	33	Pass
2	5	1880	QPSK	1	LOW	22.72	28.26	5.54	13	1	23.72	33	Pass
2	5	1880	QPSK	1	MID	22.71	28.18	5.47	13	1	23.71	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
2	5	1880	QPSK	1	HIGH	22.61	28.15	5.54	13	1	23.61	33	Pass
2	5	1880	16QAM	25	LOW	20.68	28.09	7.41	13	1	21.68	33	Pass
2	5	1880	16QAM	12	LOW	20.58	28.02	7.44	13	1	21.58	33	Pass
2	5	1880	16QAM	12	MID	20.58	27.97	7.39	13	1	21.58	33	Pass
2	5	1880	16QAM	12	HIGH	20.52	27.85	7.33	13	1	21.52	33	Pass
2	5	1880	16QAM	1	LOW	21.76	27.88	6.12	13	1	22.76	33	Pass
2	5	1880	16QAM	1	MID	21.76	27.85	6.09	13	1	22.76	33	Pass
2	5	1880	16QAM	1	HIGH	21.65	27.76	6.11	13	1	22.65	33	Pass
2	5	1907.5	QPSK	25	LOW	21.67	28.31	6.64	13	1	22.67	33	Pass
2	5	1907.5	QPSK	12	LOW	21.24	28.56	7.32	13	1	22.24	33	Pass
2	5	1907.5	QPSK	12	MID	21.23	28.31	7.08	13	1	22.23	33	Pass
2	5	1907.5	QPSK	12	HIGH	21.76	28.35	6.59	13	1	22.76	33	Pass
2	5	1907.5	QPSK	1	LOW	22.3	27.46	5.16	13	1	23.3	33	Pass
2	5	1907.5	QPSK	1	MID	22.69	27.49	4.80	13	1	23.69	33	Pass
2	5	1907.5	QPSK	1	HIGH	23.61	27.63	4.02	13	1	24.61	33	Pass
2	5	1907.5	16QAM	25	LOW	20.73	27.93	7.20	13	1	21.73	33	Pass
2	5	1907.5	16QAM	12	LOW	20.46	27.93	7.47	13	1	21.46	33	Pass
2	5	1907.5	16QAM	12	MID	20.37	27.88	7.51	13	1	21.37	33	Pass
2	5	1907.5	16QAM	12	HIGH	20.81	28.03	7.22	13	1	21.81	33	Pass
2	5	1907.5	16QAM	1	LOW	21.69	27.52	5.83	13	1	22.69	33	Pass
2	5	1907.5	16QAM	1	MID	22.04	27.61	5.57	13	1	23.04	33	Pass
2	5	1907.5	16QAM	1	HIGH	22.77	27.67	4.90	13	1	23.77	33	Pass
2	10	1855	QPSK	50	LOW	21.81	28.22	6.41	13	1	22.81	33	Pass
2	10	1855	QPSK	25	LOW	21.59	28.28	6.69	13	1	22.59	33	Pass
2	10	1855	QPSK	25	MID	21.59	28.22	6.63	13	1	22.59	33	Pass
2	10	1855	QPSK	25	HIGH	21.94	28.68	6.74	13	1	22.94	33	Pass
2	10	1855	QPSK	1	LOW	22.82	28.22	5.40	13	1	23.82	33	Pass
2	10	1855	QPSK	1	MID	23.1	28.44	5.34	13	1	24.1	33	Pass
2	10	1855	QPSK	1	HIGH	23.13	28.49	5.36	13	1	24.13	33	Pass
2	10	1855	16QAM	25	LOW	20.63	28.16	7.53	13	1	21.63	33	Pass
2	10	1855	16QAM	25	MID	20.63	28.11	7.48	13	1	21.63	33	Pass
2	10	1855	16QAM	25	HIGH	20.98	28.49	7.51	13	1	21.98	33	Pass
2	10	1855	16QAM	1	LOW	21.79	28.6	6.81	13	1	22.79	33	Pass
2	10	1855	16QAM	1	MID	22.06	28.71	6.65	13	1	23.06	33	Pass
2	10	1855	16QAM	1	HIGH	22.14	28.85	6.71	13	1	23.14	33	Pass
2	10	1880	QPSK	50	LOW	21.2	28.24	7.04	13	1	22.2	33	Pass
2	10	1880	QPSK	25	LOW	21.19	27.9	6.71	13	1	22.19	33	Pass
2	10	1880	QPSK	25	MID	21.18	27.79	6.61	13	1	22.18	33	Pass
2	10	1880	QPSK	25	HIGH	21.08	27.68	6.60	13	1	22.08	33	Pass
2	10	1880	QPSK	1	LOW	22.37	28.53	6.16	13	1	23.37	33	Pass
2	10	1880	QPSK	1	MID	22.35	28.42	6.07	13	1	23.35	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
2	10	1880	QPSK	1	HIGH	22.1	28.23	6.13	13	1	23.1	33	Pass
2	10	1880	16QAM	25	LOW	20.21	27.69	7.48	13	1	21.21	33	Pass
2	10	1880	16QAM	25	MID	20.22	27.85	7.63	13	1	21.22	33	Pass
2	10	1880	16QAM	25	HIGH	20.08	27.52	7.44	13	1	21.08	33	Pass
2	10	1880	16QAM	1	LOW	21.61	27.82	6.21	13	1	22.61	33	Pass
2	10	1880	16QAM	1	MID	21.61	27.69	6.08	13	1	22.61	33	Pass
2	10	1880	16QAM	1	HIGH	21.33	27.54	6.21	13	1	22.33	33	Pass
2	10	1905	QPSK	50	LOW	21.06	28.15	7.09	13	1	22.06	33	Pass
2	10	1905	QPSK	25	LOW	20.97	27.81	6.84	13	1	21.97	33	Pass
2	10	1905	QPSK	25	MID	20.97	27.68	6.71	13	1	21.97	33	Pass
2	10	1905	QPSK	25	HIGH	21.1	27.89	6.79	13	1	22.1	33	Pass
2	10	1905	QPSK	1	LOW	22.4	28.12	5.72	13	1	23.4	33	Pass
2	10	1905	QPSK	1	MID	21.93	27.64	5.71	13	1	22.93	33	Pass
2	10	1905	QPSK	1	HIGH	22.81	28.02	5.21	13	1	23.81	33	Pass
2	10	1905	16QAM	25	LOW	20.07	28.32	8.25	13	1	21.07	33	Pass
2	10	1905	16QAM	25	MID	20.09	28.23	8.14	13	1	21.09	33	Pass
2	10	1905	16QAM	25	HIGH	20.23	28.49	8.26	13	1	21.23	33	Pass
2	10	1905	16QAM	1	LOW	21.76	27.66	5.90	13	1	22.76	33	Pass
2	10	1905	16QAM	1	MID	21.21	27.2	5.99	13	1	22.21	33	Pass
2	10	1905	16QAM	1	HIGH	21.97	27.62	5.65	13	1	22.97	33	Pass
2	15	1857.5	QPSK	75	LOW	22.11	28.81	6.70	13	1	23.11	33	Pass
2	15	1857.5	QPSK	38	LOW	22.11	28.8	6.69	13	1	23.11	33	Pass
2	15	1857.5	QPSK	38	MID	22.09	28.81	6.72	13	1	23.09	33	Pass
2	15	1857.5	QPSK	38	HIGH	22.07	28.79	6.72	13	1	23.07	33	Pass
2	15	1857.5	QPSK	1	LOW	22.98	28.53	5.55	13	1	23.98	33	Pass
2	15	1857.5	QPSK	1	MID	23.28	28.76	5.48	13	1	24.28	33	Pass
2	15	1857.5	QPSK	1	HIGH	23.46	29.01	5.55	13	1	24.46	33	Pass
2	15	1857.5	16QAM	1	LOW	22.16	27.95	5.79	13	1	23.16	33	Pass
2	15	1857.5	16QAM	1	MID	22.52	28.17	5.65	13	1	23.52	33	Pass
2	15	1857.5	16QAM	1	HIGH	22.68	28.45	5.77	13	1	23.68	33	Pass
2	15	1880	QPSK	75	LOW	21.51	28.38	6.87	13	1	22.51	33	Pass
2	15	1880	QPSK	38	LOW	21.55	28.4	6.85	13	1	22.55	33	Pass
2	15	1880	QPSK	38	MID	21.54	28.4	6.86	13	1	22.54	33	Pass
2	15	1880	QPSK	38	HIGH	21.53	28.37	6.84	13	1	22.53	33	Pass
2	15	1880	QPSK	1	LOW	22.77	28.34	5.57	13	1	23.77	33	Pass
2	15	1880	QPSK	1	MID	22.48	27.98	5.5	13	1	23.48	33	Pass
2	15	1880	QPSK	1	HIGH	22.49	27.96	5.47	13	1	23.49	33	Pass
2	15	1880	16QAM	1	LOW	21.71	28.77	7.06	13	1	22.71	33	Pass
2	15	1880	16QAM	1	MID	21.43	28.43	7	13	1	22.43	33	Pass
2	15	1880	16QAM	1	HIGH	21.42	28.35	6.93	13	1	22.42	33	Pass
2	15	1902.5	QPSK	75	LOW	21.49	28.54	7.05	13	1	22.49	33	Pass

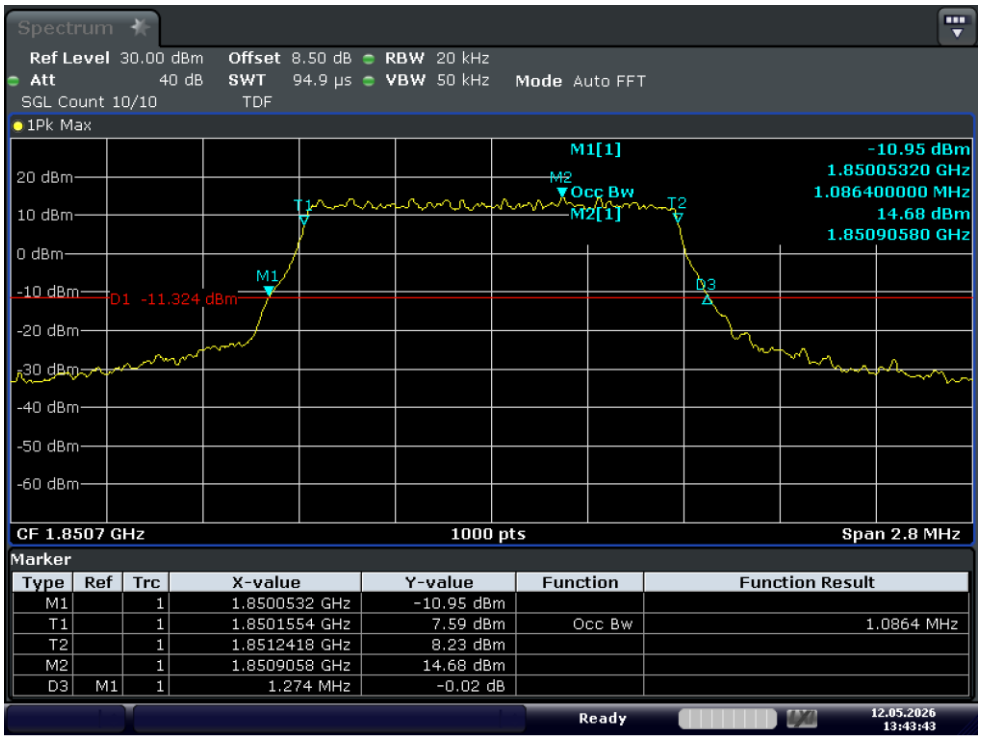
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
2	15	1902.5	QPSK	38	LOW	21.48	28.55	7.07	13	1	22.48	33	Pass
2	15	1902.5	QPSK	38	MID	21.47	28.64	7.17	13	1	22.47	33	Pass
2	15	1902.5	QPSK	38	HIGH	21.51	28.63	7.12	13	1	22.51	33	Pass
2	15	1902.5	QPSK	1	LOW	23.37	29.08	5.71	13	1	24.37	33	Pass
2	15	1902.5	QPSK	1	MID	22.19	28.37	6.18	13	1	23.19	33	Pass
2	15	1902.5	QPSK	1	HIGH	22.85	28.28	5.43	13	1	23.85	33	Pass
2	15	1902.5	16QAM	1	LOW	22.73	28.56	5.83	13	1	23.73	33	Pass
2	15	1902.5	16QAM	1	MID	21.59	27.81	6.22	13	1	22.59	33	Pass
2	15	1902.5	16QAM	1	HIGH	22.14	27.9	5.76	13	1	23.14	33	Pass
2	20	1860	QPSK	100	LOW	22.02	28.51	6.49	13	1	23.02	33	Pass
2	20	1860	QPSK	50	LOW	22.03	28.62	6.59	13	1	23.03	33	Pass
2	20	1860	QPSK	50	MID	22.07	28.66	6.59	13	1	23.07	33	Pass
2	20	1860	QPSK	50	HIGH	22.26	28.9	6.64	13	1	23.26	33	Pass
2	20	1860	QPSK	1	LOW	22.9	28.32	5.42	13	1	23.9	33	Pass
2	20	1860	QPSK	1	MID	23.49	28.8	5.31	13	1	24.49	33	Pass
2	20	1860	QPSK	1	HIGH	23.14	28.67	5.53	13	1	24.14	33	Pass
2	20	1860	16QAM	1	LOW	22	27.99	5.99	13	1	23	33	Pass
2	20	1860	16QAM	1	MID	22.52	28.45	5.93	13	1	23.52	33	Pass
2	20	1860	16QAM	1	HIGH	22.19	28.33	6.14	13	1	23.19	33	Pass
2	20	1880	QPSK	100	LOW	21.56	28.48	6.92	13	1	22.56	33	Pass
2	20	1880	QPSK	50	LOW	21.45	28.44	6.99	13	1	22.45	33	Pass
2	20	1880	QPSK	50	MID	21.44	28.44	7	13	1	22.44	33	Pass
2	20	1880	QPSK	50	HIGH	21.36	28.23	6.87	13	1	22.36	33	Pass
2	20	1880	QPSK	1	LOW	22.81	29.52	6.71	13	1	23.81	33	Pass
2	20	1880	QPSK	1	MID	22.45	29.14	6.69	13	1	23.45	33	Pass
2	20	1880	QPSK	1	HIGH	22.59	29.02	6.43	13	1	23.59	33	Pass
2	20	1880	16QAM	1	LOW	21.94	27.33	5.39	13	1	22.94	33	Pass
2	20	1880	16QAM	1	MID	21.6	27.07	5.47	13	1	22.6	33	Pass
2	20	1880	16QAM	1	HIGH	21.75	27.11	5.36	13	1	22.75	33	Pass
2	20	1900	QPSK	100	LOW	21.44	28.14	6.70	13	1	22.44	33	Pass
2	20	1900	QPSK	50	LOW	22.21	28.82	6.61	13	1	23.21	33	Pass
2	20	1900	QPSK	50	MID	22.21	28.85	6.64	13	1	23.21	33	Pass
2	20	1900	QPSK	50	HIGH	21.16	28.17	7.01	13	1	22.16	33	Pass
2	20	1900	QPSK	1	LOW	22.99	28.56	5.57	13	1	23.99	33	Pass
2	20	1900	QPSK	1	MID	22.74	28.72	5.98	13	1	23.74	33	Pass
2	20	1900	QPSK	1	HIGH	22.62	28.15	5.53	13	1	23.62	33	Pass
2	20	1900	16QAM	1	LOW	22.28	28.56	6.28	13	1	23.28	33	Pass
2	20	1900	16QAM	1	MID	22.04	28.65	6.61	13	1	23.04	33	Pass
2	20	1900	16QAM	1	HIGH	21.88	28.18	6.30	13	1	22.88	33	Pass

Appendix B: Occupied bandwidth

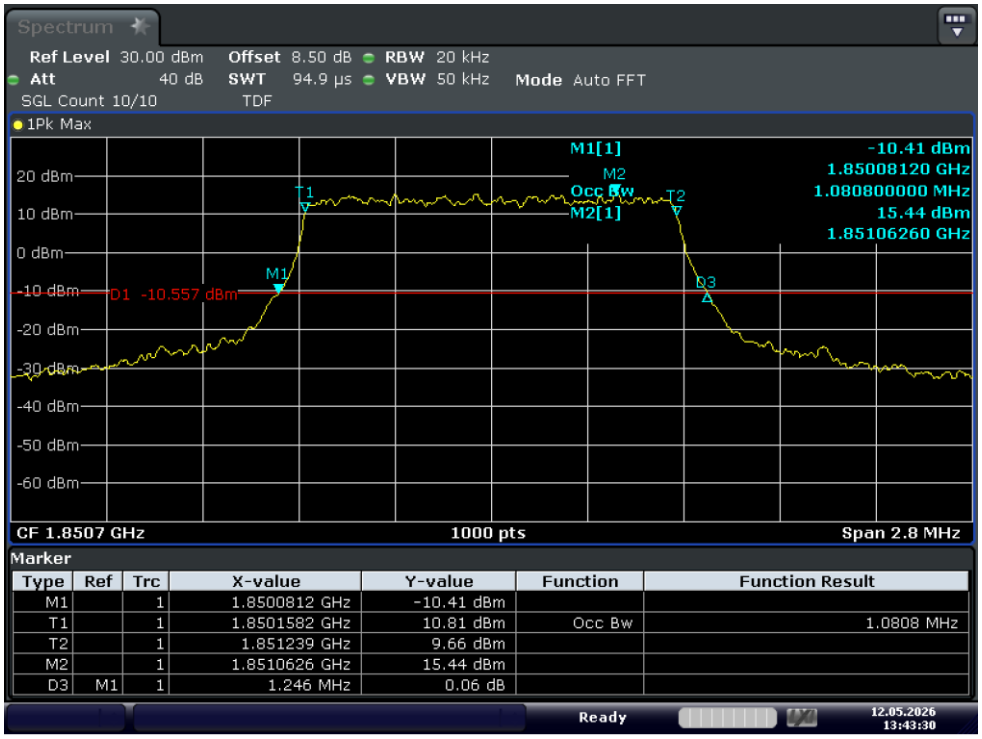
Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth (MHz)	Emission Bandwidth (MHz)	Limit
2	1.4	1850.7	QPSK	6	LOW	1.081	1.246	No limit
2	1.4	1850.7	16QAM	6	LOW	1.086	1.274	No limit
2	1.4	1880	QPSK	6	LOW	1.086	1.274	No limit
2	1.4	1880	16QAM	6	LOW	1.078	1.246	No limit
2	1.4	1909.3	QPSK	6	LOW	1.092	1.249	No limit
2	1.4	1909.3	16QAM	6	LOW	1.086	1.246	No limit
2	3	1851.5	QPSK	15	LOW	2.682	2.898	No limit
2	3	1851.5	16QAM	15	LOW	2.682	2.892	No limit
2	3	1880	QPSK	15	LOW	2.688	2.898	No limit
2	3	1880	16QAM	15	LOW	2.676	2.898	No limit
2	3	1908.5	QPSK	15	LOW	2.688	2.892	No limit
2	3	1908.5	16QAM	15	LOW	2.682	2.898	No limit
2	5	1852.5	QPSK	25	LOW	4.48	4.89	No limit
2	5	1852.5	16QAM	25	LOW	4.47	4.84	No limit
2	5	1880	QPSK	25	LOW	4.49	4.86	No limit
2	5	1880	16QAM	25	LOW	4.47	4.83	No limit
2	5	1907.5	QPSK	25	LOW	4.48	4.85	No limit
2	5	1907.5	16QAM	25	LOW	4.49	4.86	No limit
2	10	1855	QPSK	50	LOW	8.94	9.6	No limit
2	10	1880	QPSK	50	LOW	8.94	9.6	No limit
2	10	1905	QPSK	50	LOW	8.94	9.56	No limit
2	15	1857.5	QPSK	75	LOW	13.47	14.34	No limit
2	15	1880	QPSK	75	LOW	13.41	14.28	No limit
2	15	1902.5	QPSK	75	LOW	13.35	14.19	No limit
2	20	1860	QPSK	100	LOW	17.88	18.64	No limit
2	20	1880	QPSK	100	LOW	17.88	18.76	No limit
2	20	1900	QPSK	100	LOW	17.8	18.64	No limit

Test Graphs



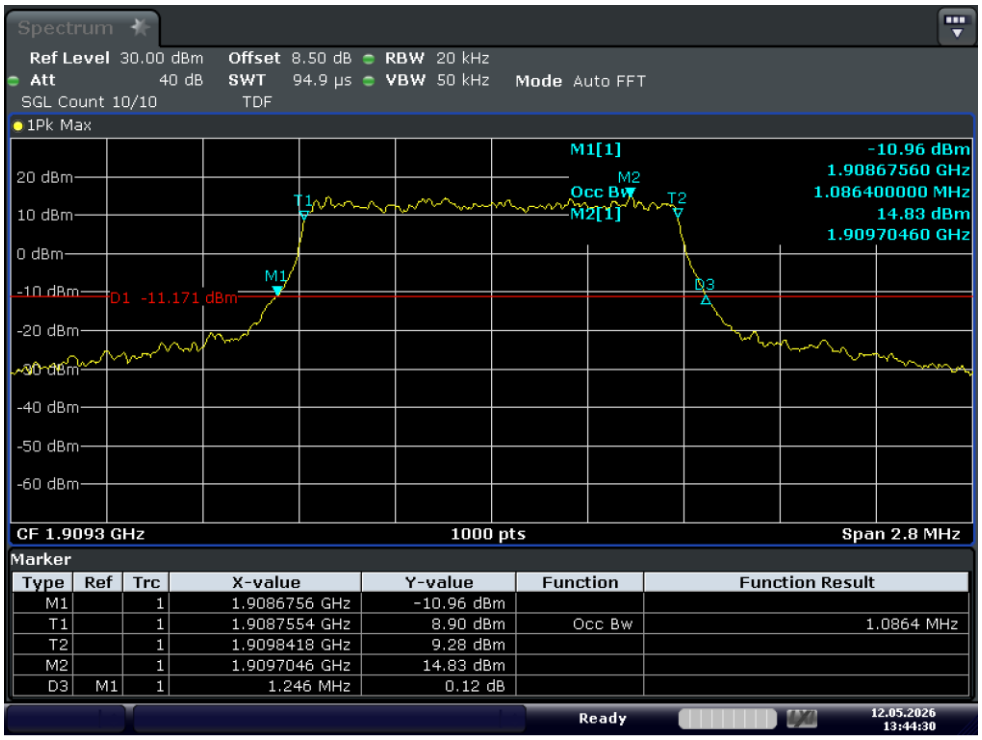
Test_Graph_band2_1850.7MHz_1.4M_16QAM_6RB#LOW_OBW&EBW



Test_Graph_band2_1850.7MHz_1.4M_QPSK_6RB#LOW_OBW&EBW

Test_Graph_band2_1880MHz_1.4M_16QAM_6RB#LOW_OBW&EBW

Test_Graph_band2_1880MHz_1.4M_QPSK_6RB#LOW_OBW&EBW



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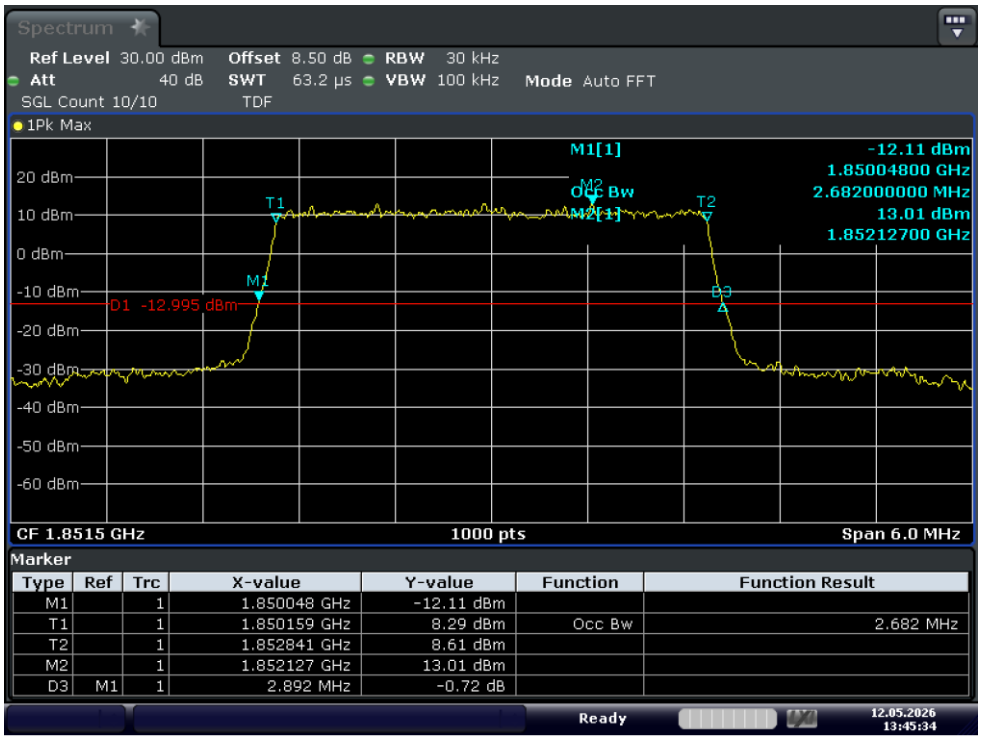
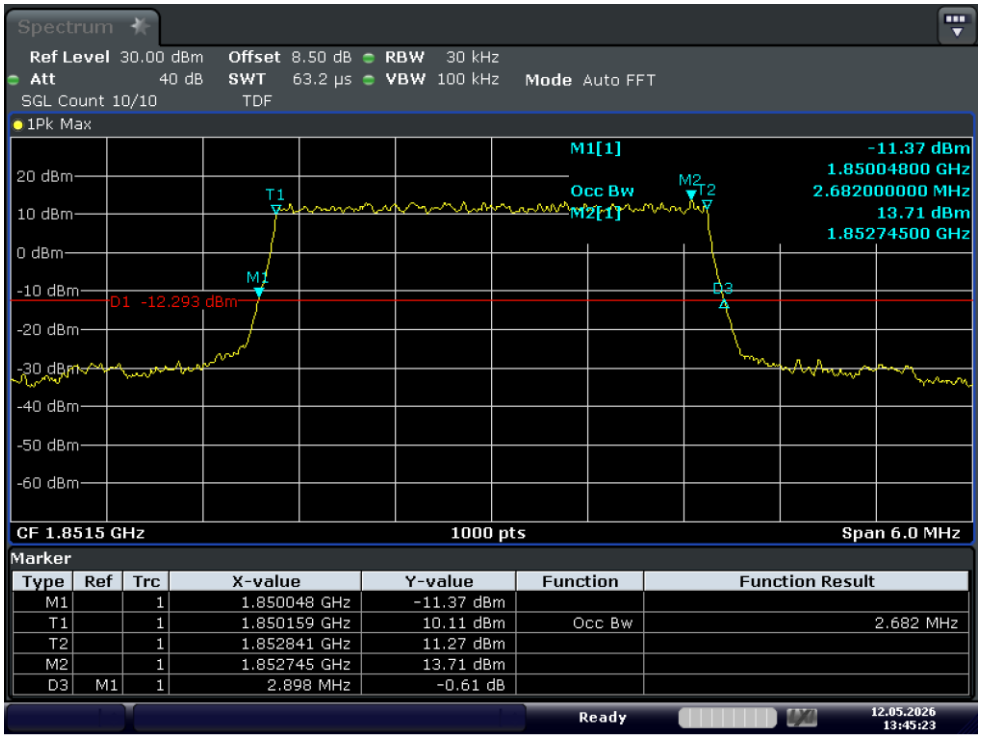


Test_Graph_band2_1851.5MHz_3M_16QAM_15RB#LOW_OBW&EBW



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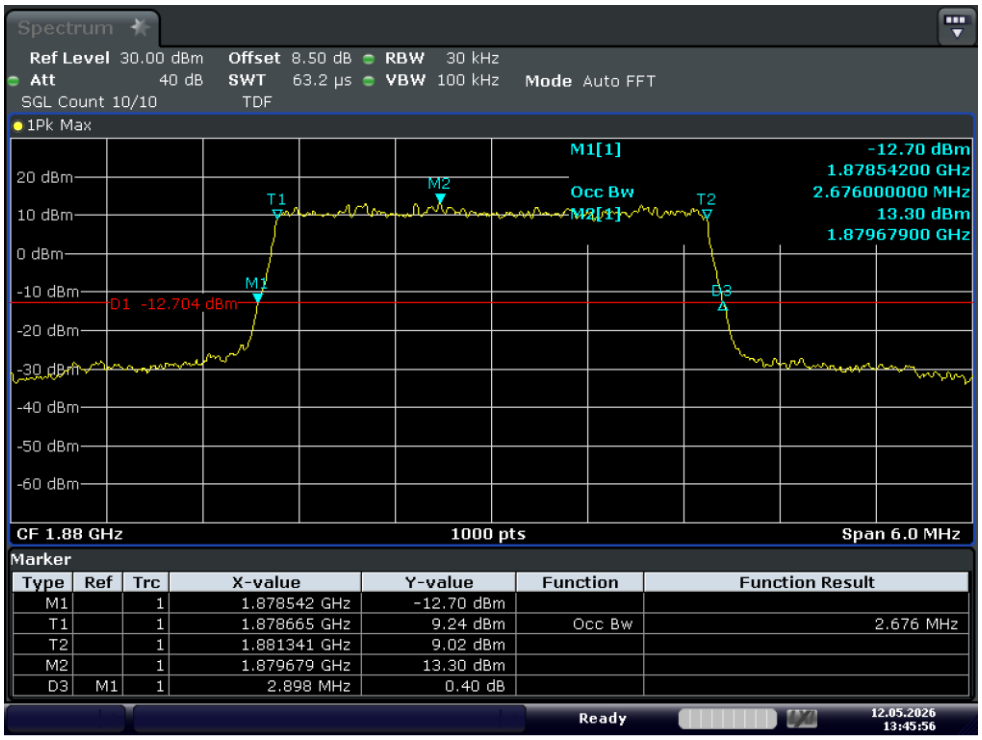
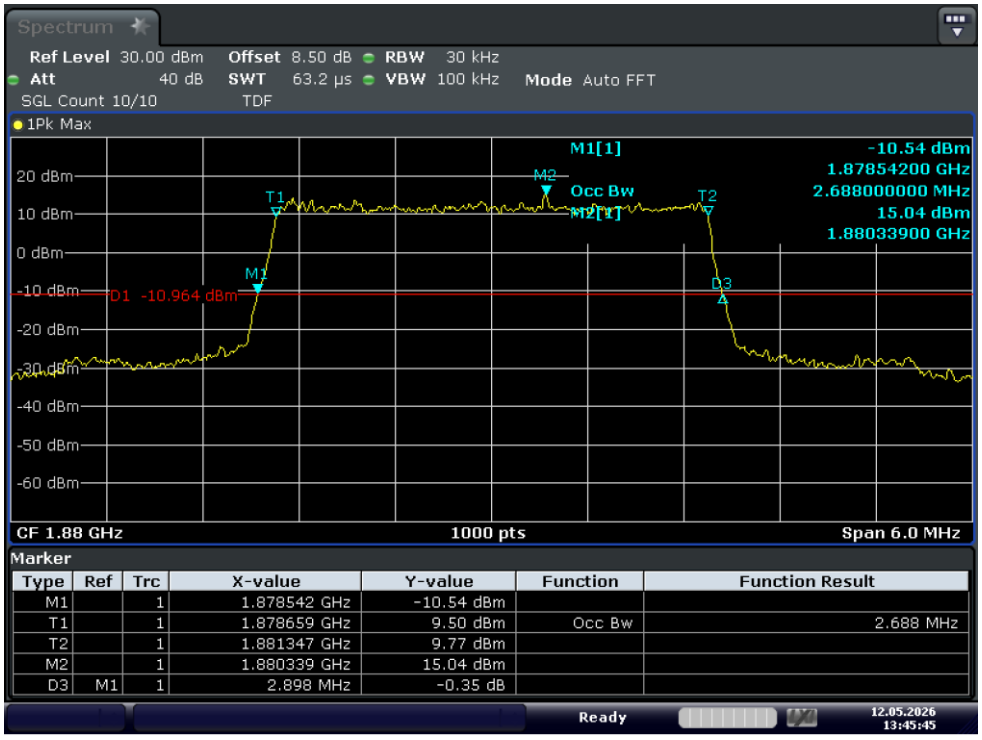


Test_Graph_band2_1880MHz_3M_16QAM_15RB#LOW_OBW&EBW



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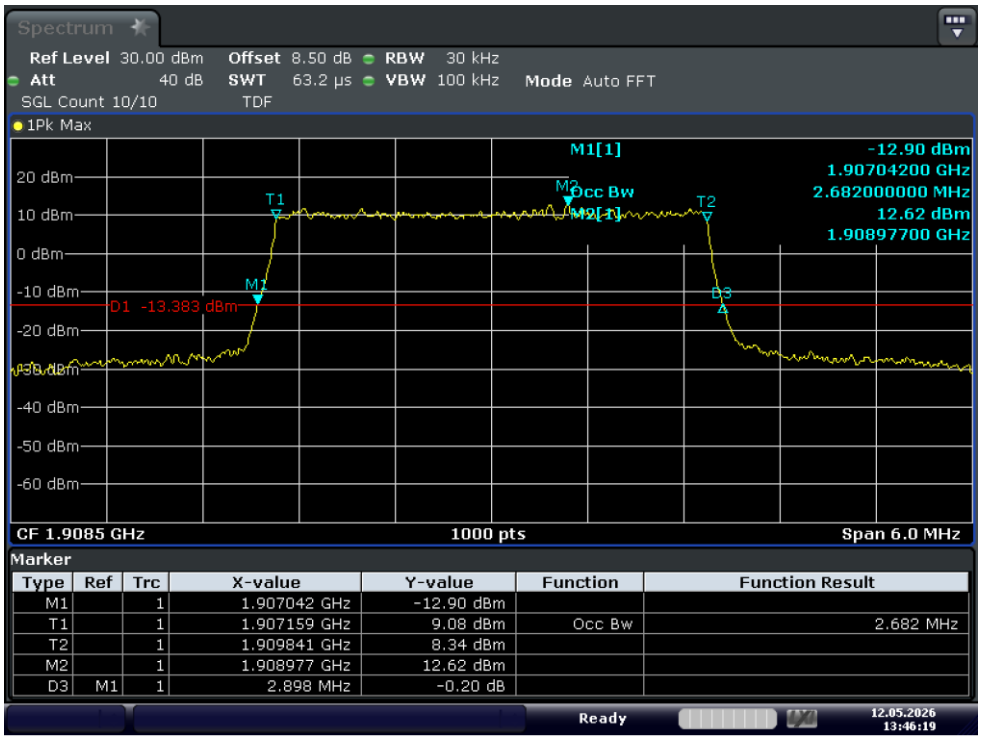

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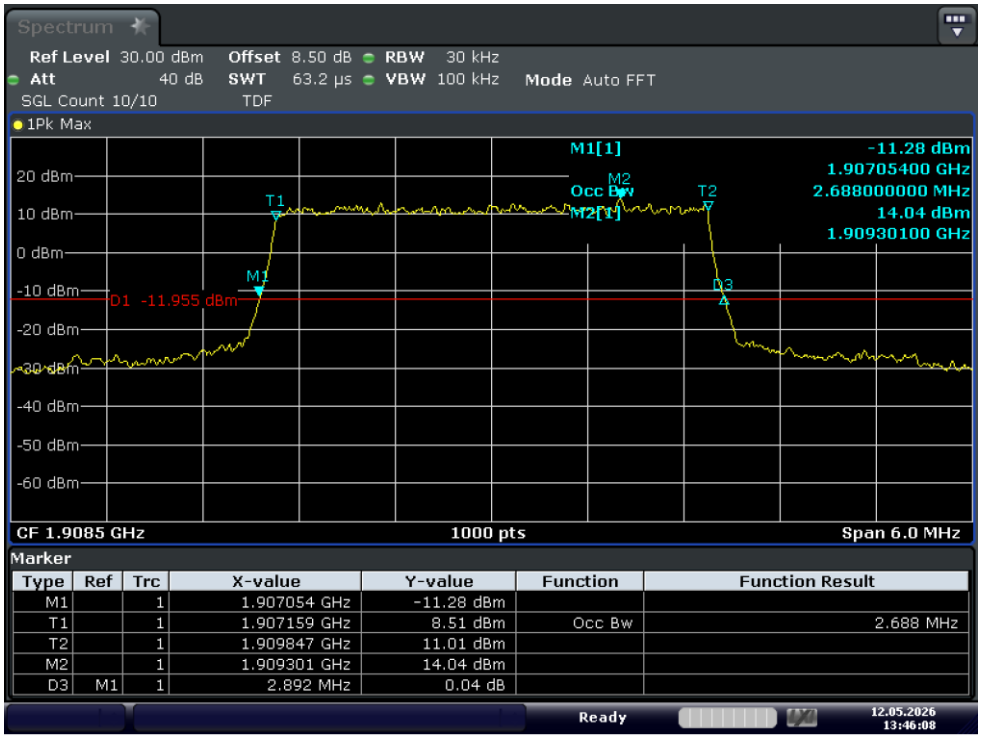
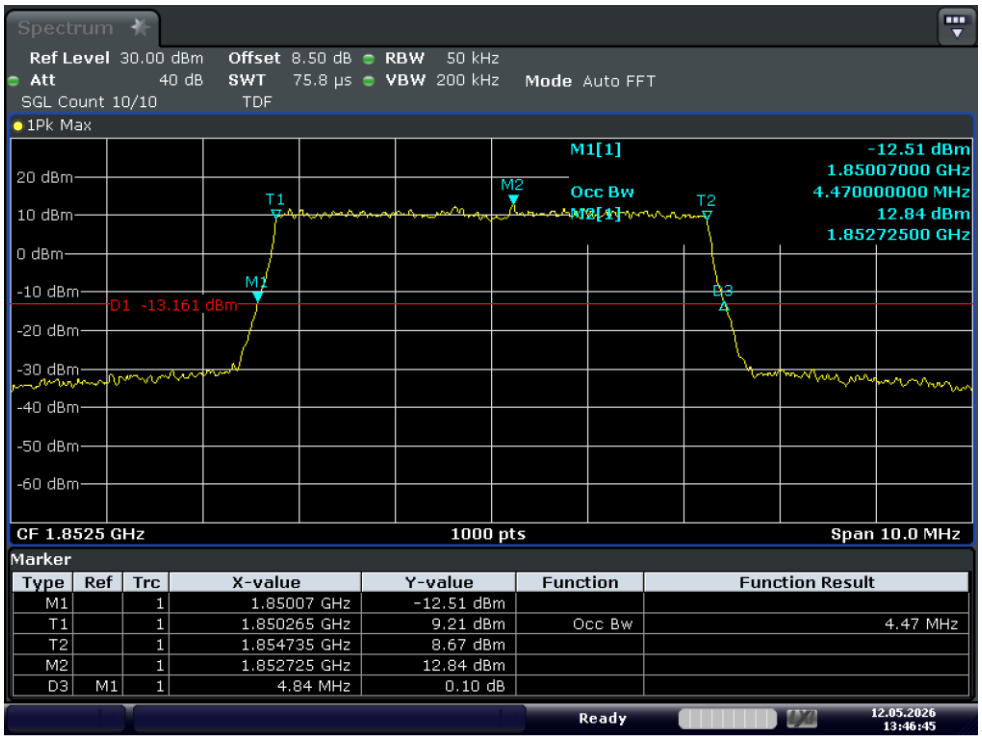
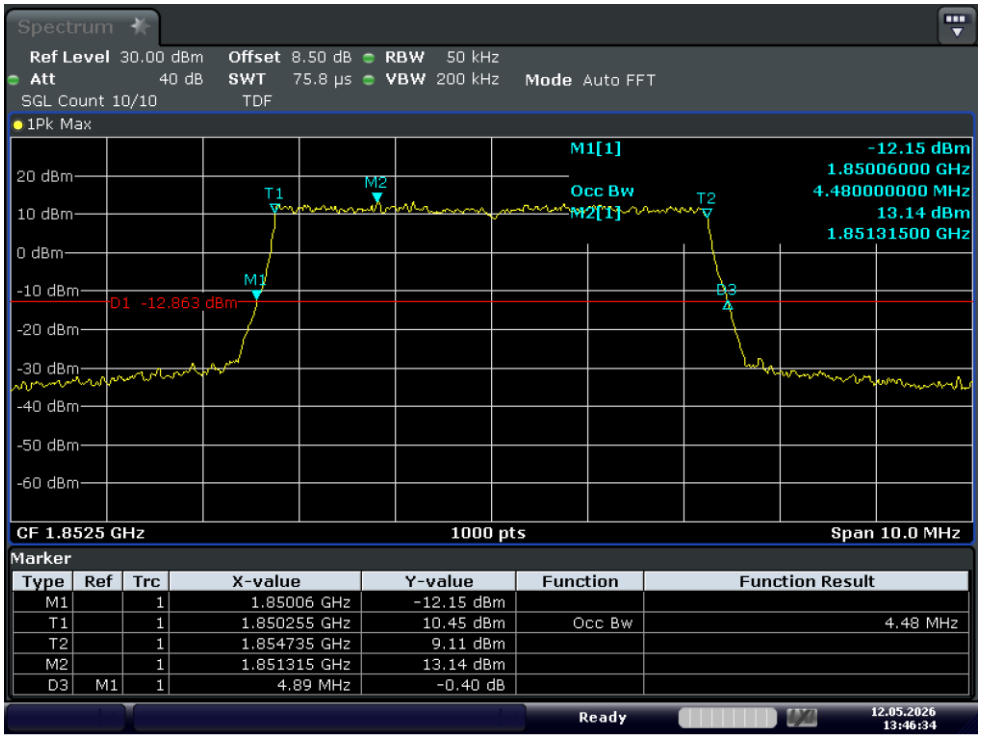


Test_Graph_band2_1908.5MHz_3M_QPSK_15RB#LOW_OBW&EBW



Test_Graph_band2_1852.5MHz_5M_16QAM_25RB#LOW_OBW&EBW



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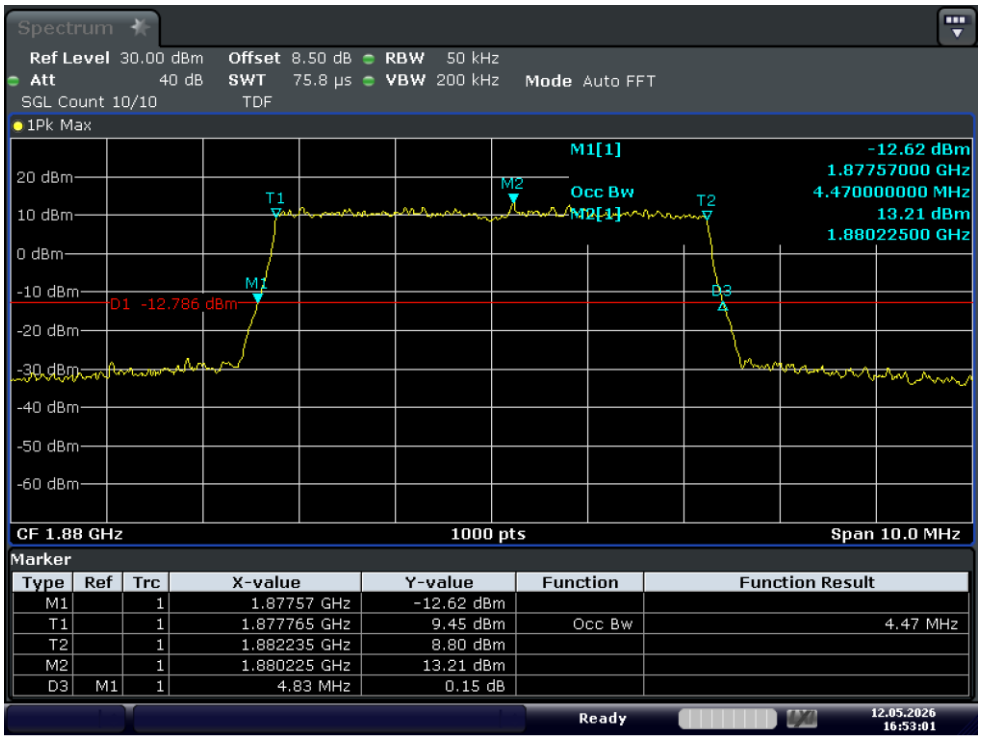
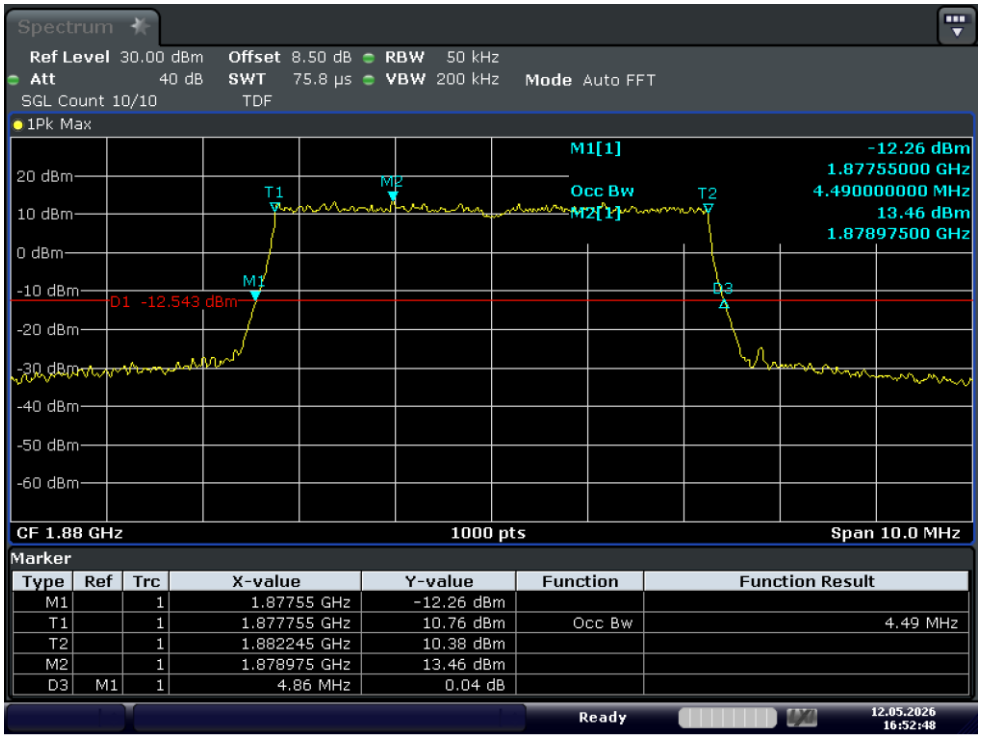
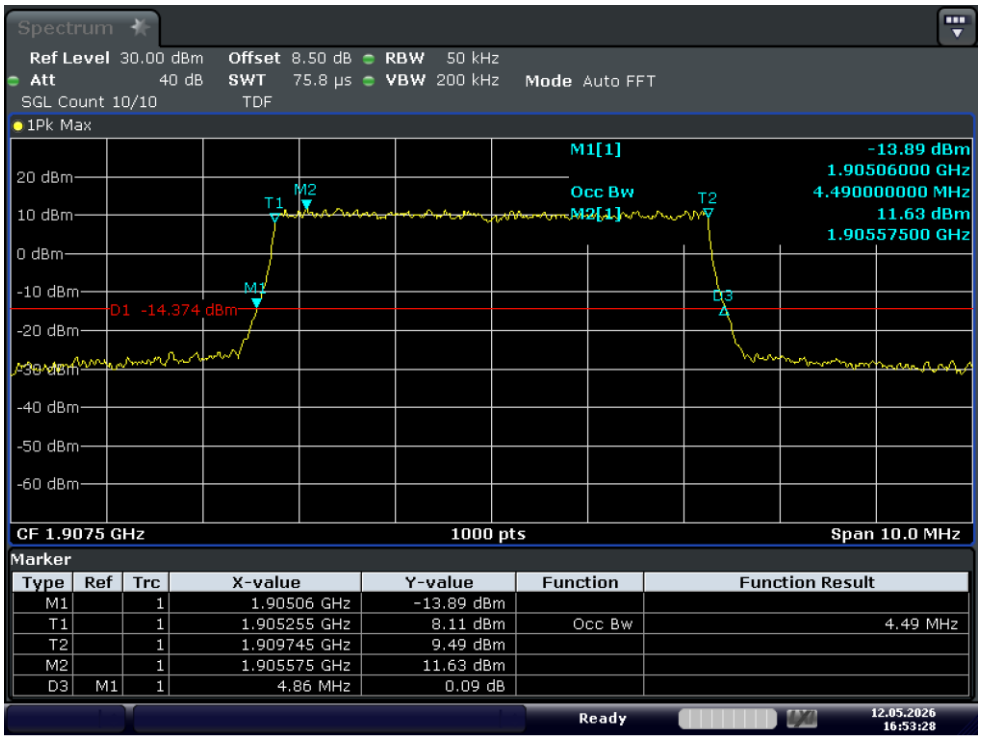


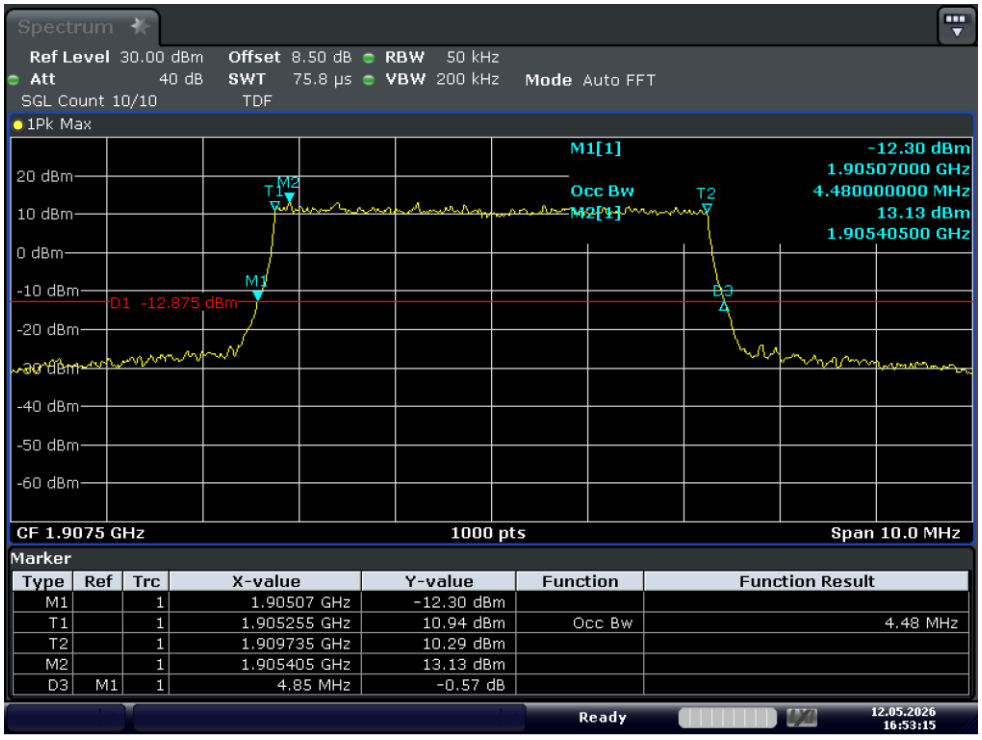
Test_Graph_band2_1880MHz_5M_16QAM_25RB#LOW_OBW&EBW



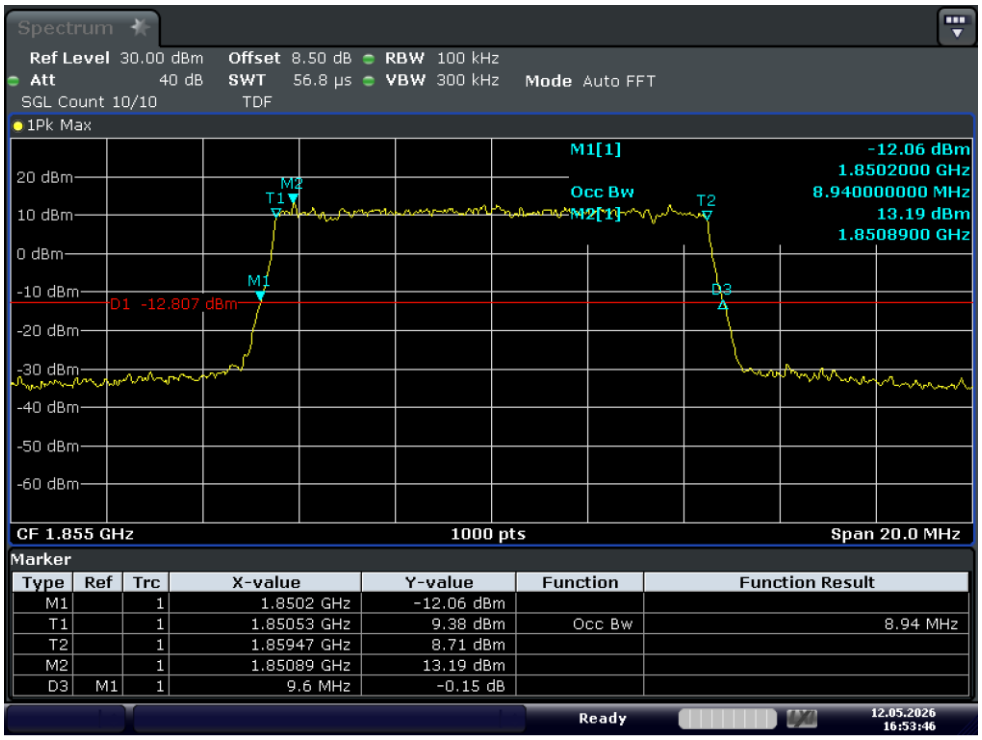
Test_Graph_band2_1880MHz_5M_QPSK_25RB#LOW_OBW&EBW



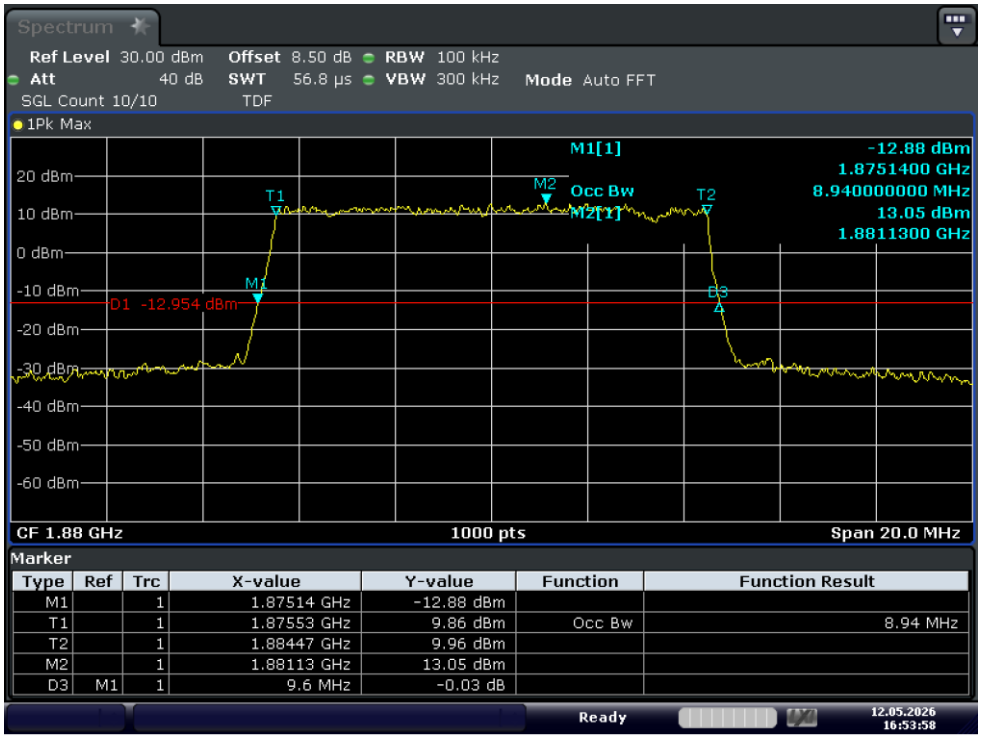
Test_Graph_band2_1907.5MHz_5M_16QAM_25RB#LOW_OBW&EBW



Test_Graph_band2_1907.5MHz_5M_QPSK_25RB#LOW_OBW&EBW



Test_Graph_band2_1855MHz_10M_QPSK_50RB#LOW_OBW&EBW



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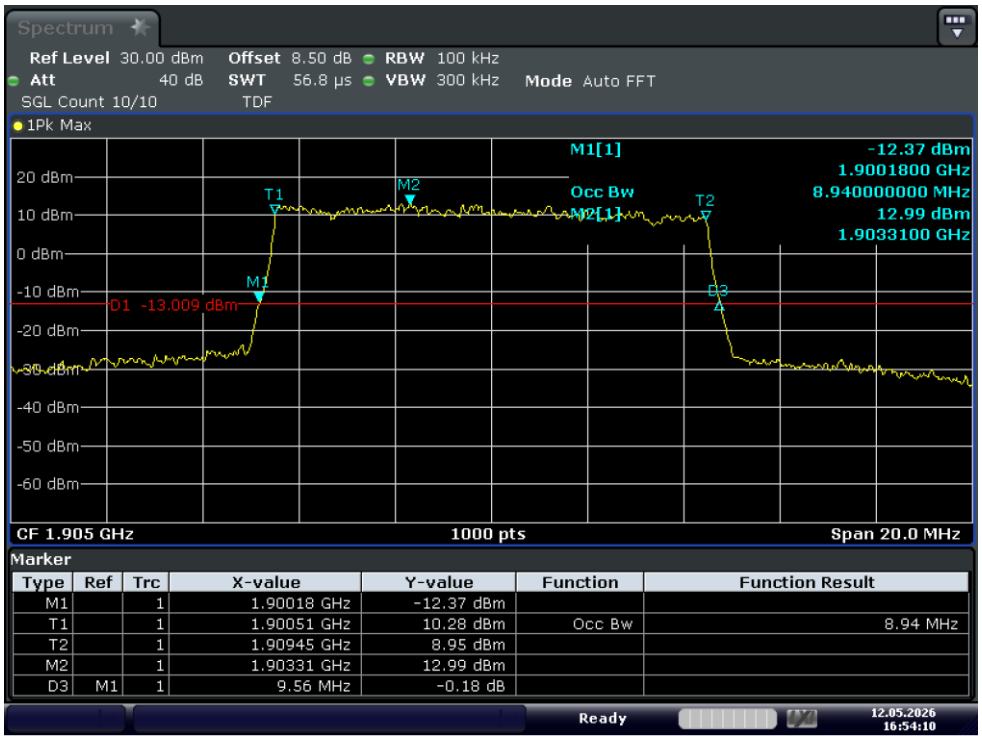
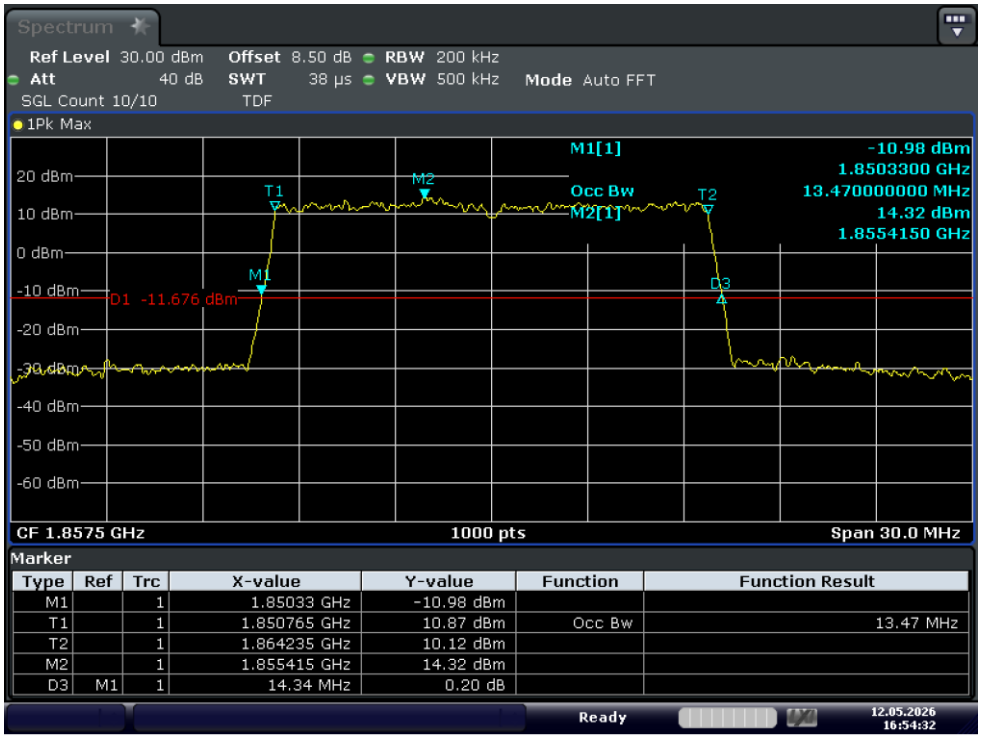
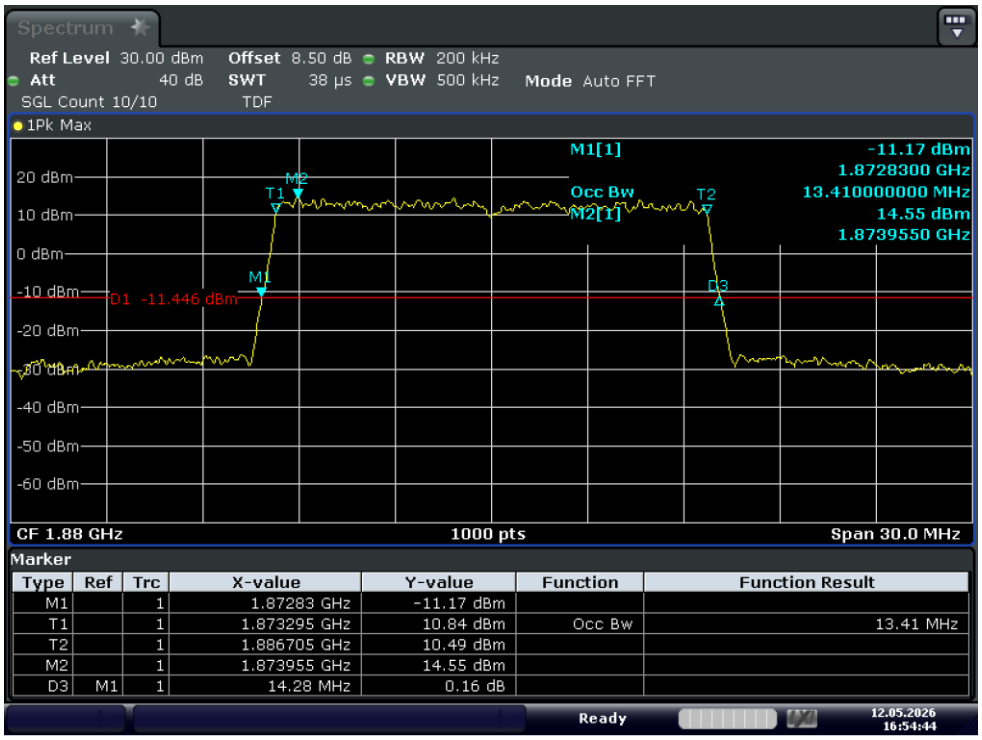


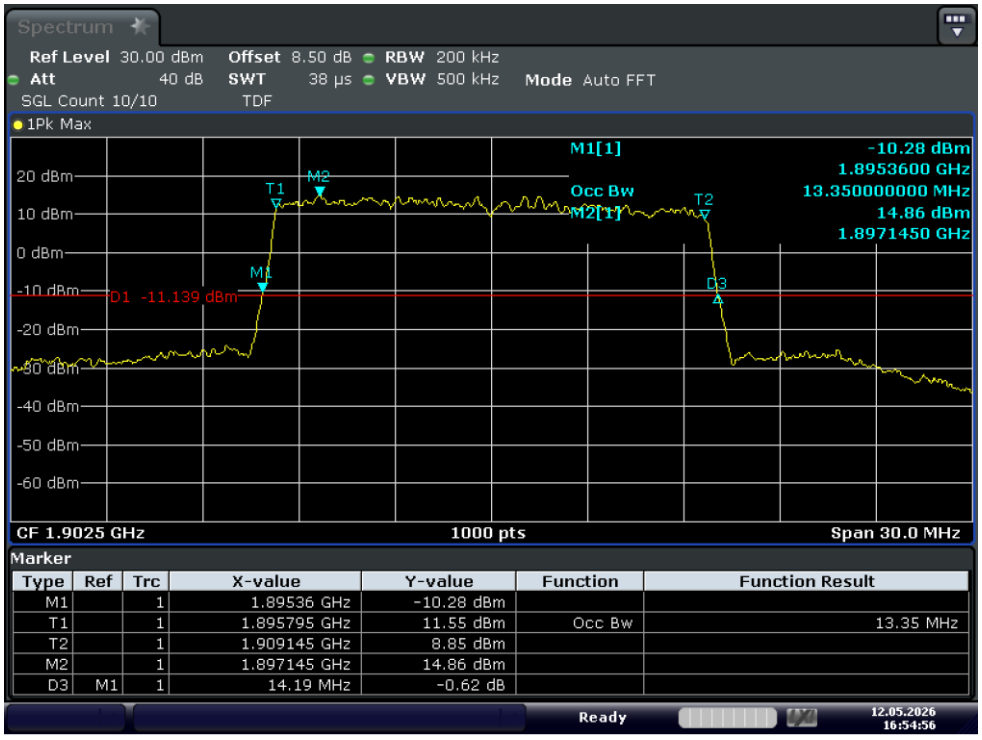
Test_Graph_band2_1905MHz_10M_QPSK_50RB#LOW_OBW&EBW



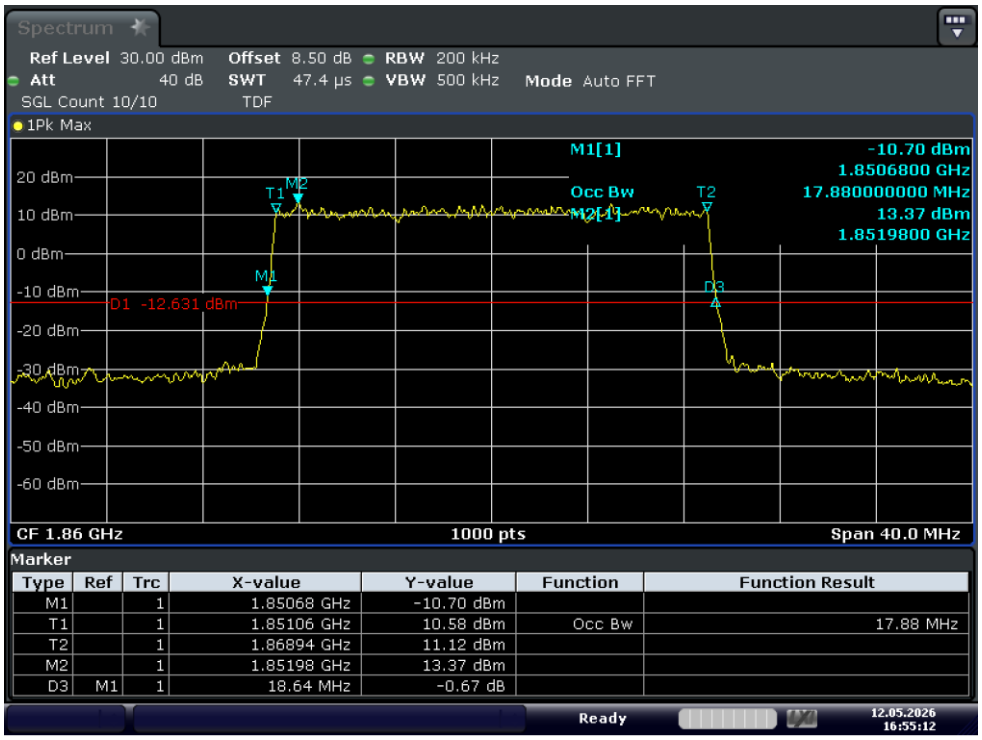
Test_Graph_band2_1857.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



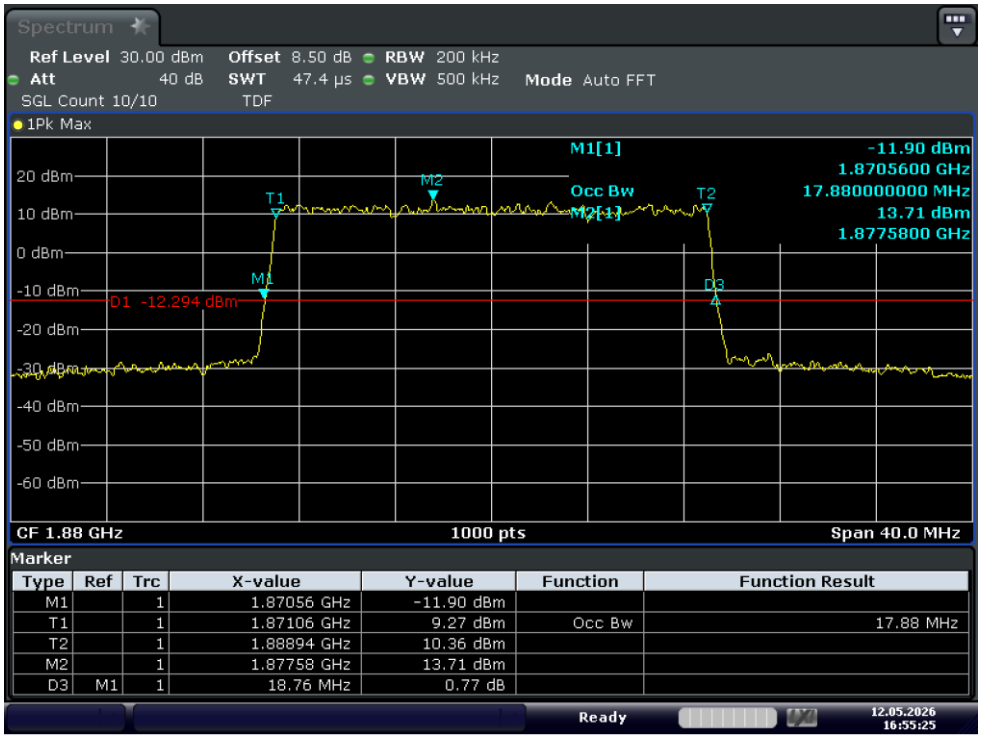
Test_Graph_band2_1880MHz_15M_QPSK_75RB#LOW_OBW&EBW



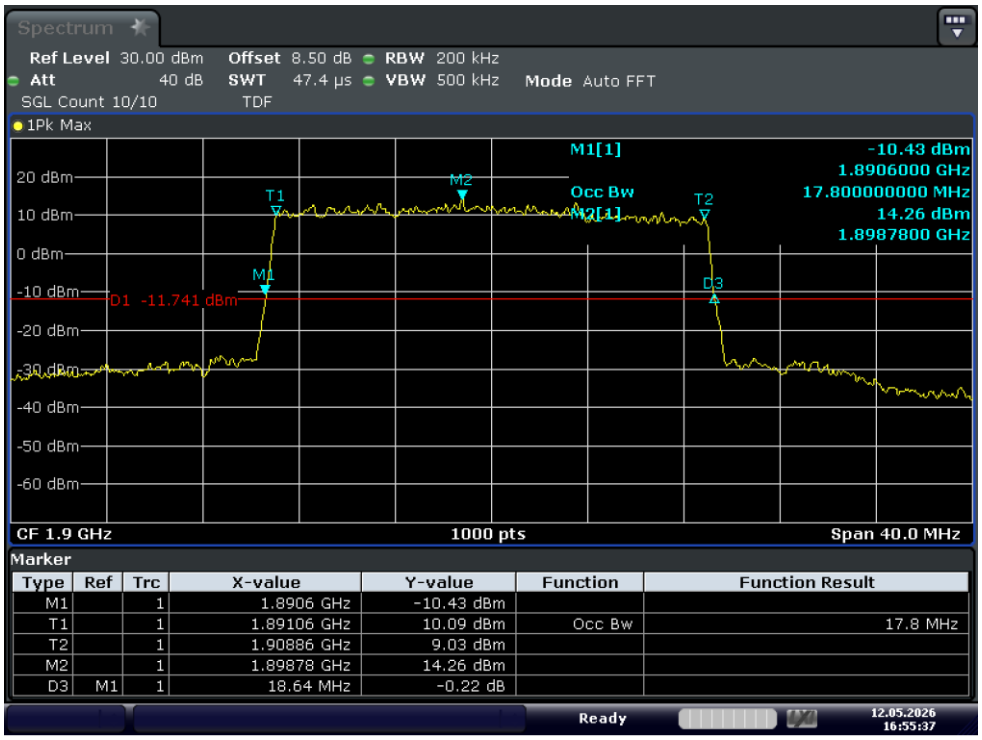
Test_Graph_band2_1902.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



Test_Graph_band2_1860MHz_20M_QPSK_100RB#LOW_OBW&EBW



Test_Graph_band2_1880MHz_20M_QPSK_100RB#LOW_OBW&EBW



Test_Graph_band2_1900MHz_20M_QPSK_100RB#LOW_OBW&EBW

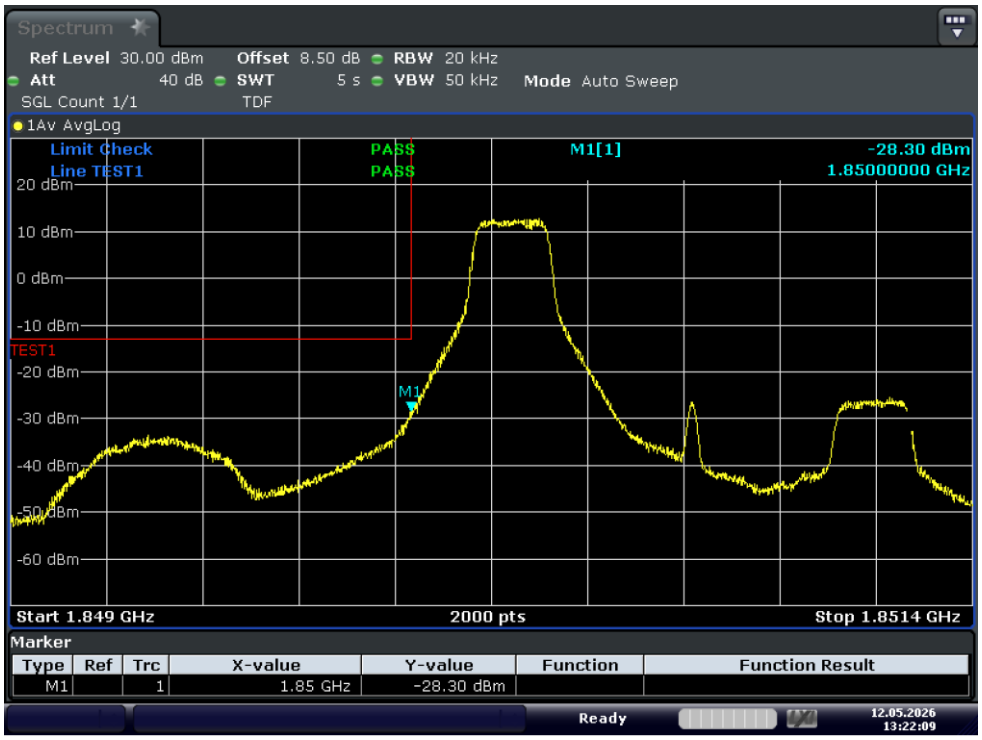
Appendix C: Band edge emissions

Test Result

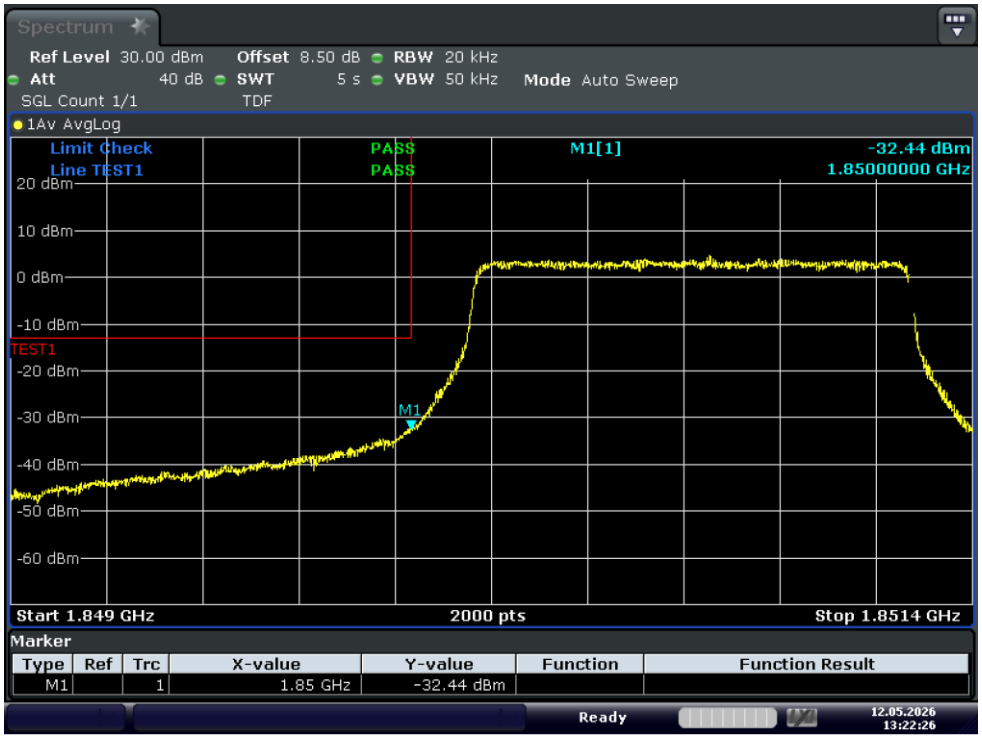
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
2	1.4	1850.7	QPSK	1	LOW	Pass
2	1.4	1850.7	QPSK	6	LOW	Pass
2	1.4	1850.7	16QAM	1	LOW	Pass
2	1.4	1850.7	16QAM	6	LOW	Pass
2	1.4	1909.3	QPSK	1	HIGH	Pass
2	1.4	1909.3	QPSK	6	LOW	Pass
2	1.4	1909.3	16QAM	1	HIGH	Pass
2	1.4	1909.3	16QAM	6	LOW	Pass
2	3	1851.5	QPSK	1	LOW	Pass
2	3	1851.5	QPSK	15	LOW	Pass
2	3	1851.5	16QAM	1	LOW	Pass
2	3	1851.5	16QAM	15	LOW	Pass
2	3	1908.5	QPSK	1	HIGH	Pass
2	3	1908.5	QPSK	15	LOW	Pass
2	3	1908.5	16QAM	1	HIGH	Pass
2	3	1908.5	16QAM	15	LOW	Pass
2	5	1852.5	QPSK	1	LOW	Pass
2	5	1852.5	QPSK	25	LOW	Pass
2	5	1852.5	16QAM	1	LOW	Pass
2	5	1852.5	16QAM	25	LOW	Pass
2	5	1907.5	QPSK	1	HIGH	Pass
2	5	1907.5	QPSK	25	LOW	Pass
2	5	1907.5	16QAM	1	HIGH	Pass
2	5	1907.5	16QAM	25	LOW	Pass
2	10	1855	QPSK	1	LOW	Pass
2	10	1855	QPSK	50	LOW	Pass
2	10	1855	16QAM	1	LOW	Pass
2	10	1905	QPSK	1	HIGH	Pass
2	10	1905	QPSK	50	LOW	Pass
2	10	1905	16QAM	1	HIGH	Pass
2	15	1857.5	QPSK	1	LOW	Pass
2	15	1857.5	QPSK	75	LOW	Pass
2	15	1857.5	16QAM	1	LOW	Pass
2	15	1902.5	QPSK	1	HIGH	Pass
2	15	1902.5	QPSK	75	LOW	Pass
2	15	1902.5	16QAM	1	HIGH	Pass
2	20	1860	QPSK	1	LOW	Pass

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
2	20	1860	QPSK	100	LOW	Pass
2	20	1860	16QAM	1	LOW	Pass
2	20	1900	QPSK	1	HIGH	Pass
2	20	1900	QPSK	100	LOW	Pass
2	20	1900	16QAM	1	HIGH	Pass

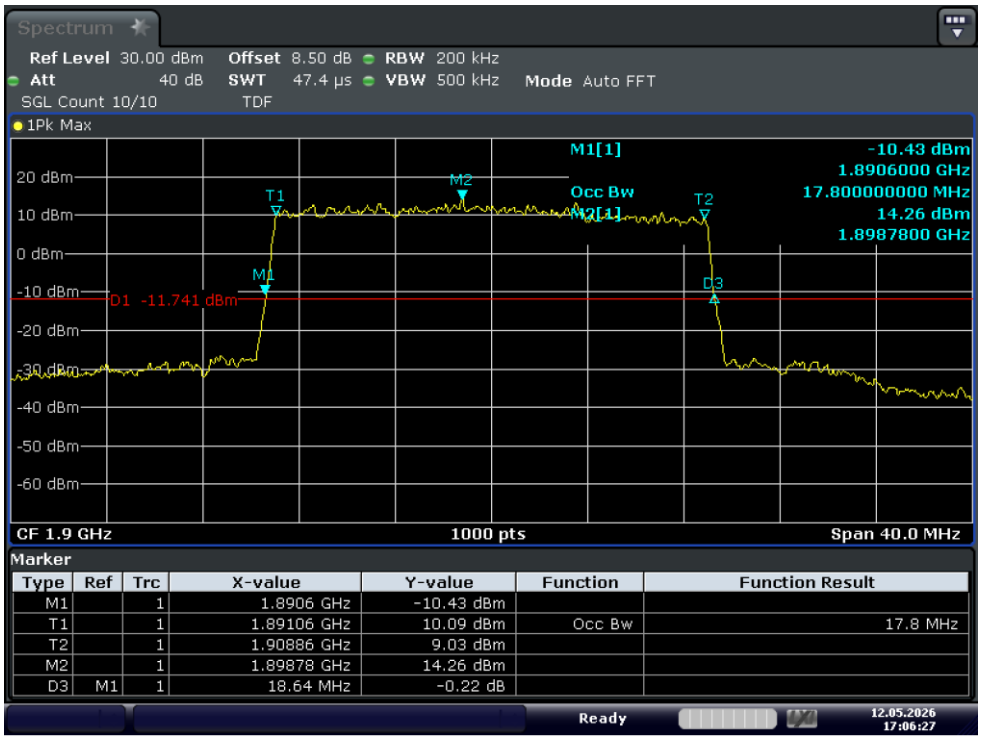
Test Graphs



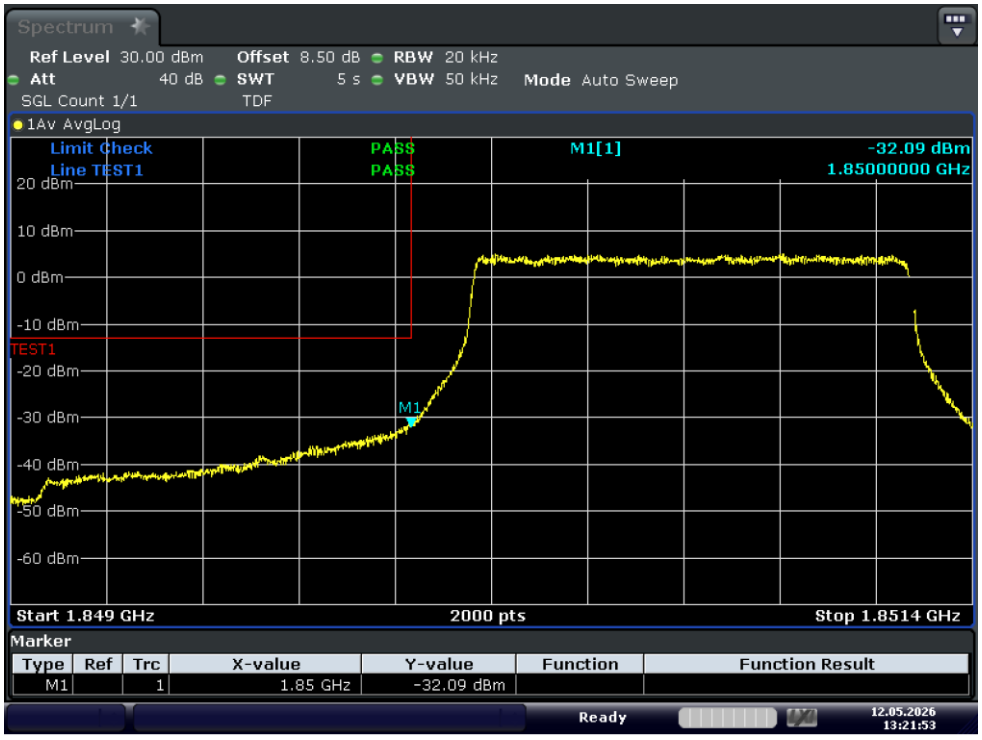
Test_Graph_band2_1850.7MHz_1.4M_16QAM_1RB#LOW_Band edge



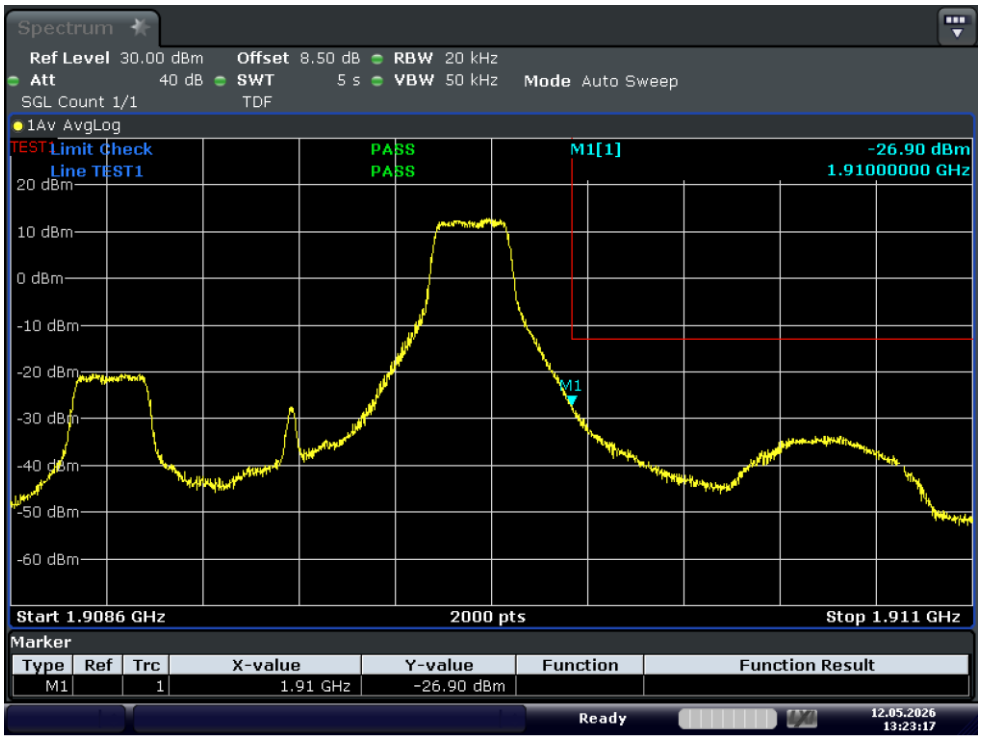
Test_Graph_band2_1850.7MHz_1.4M_16QAM_6RB#LOW_Band edge



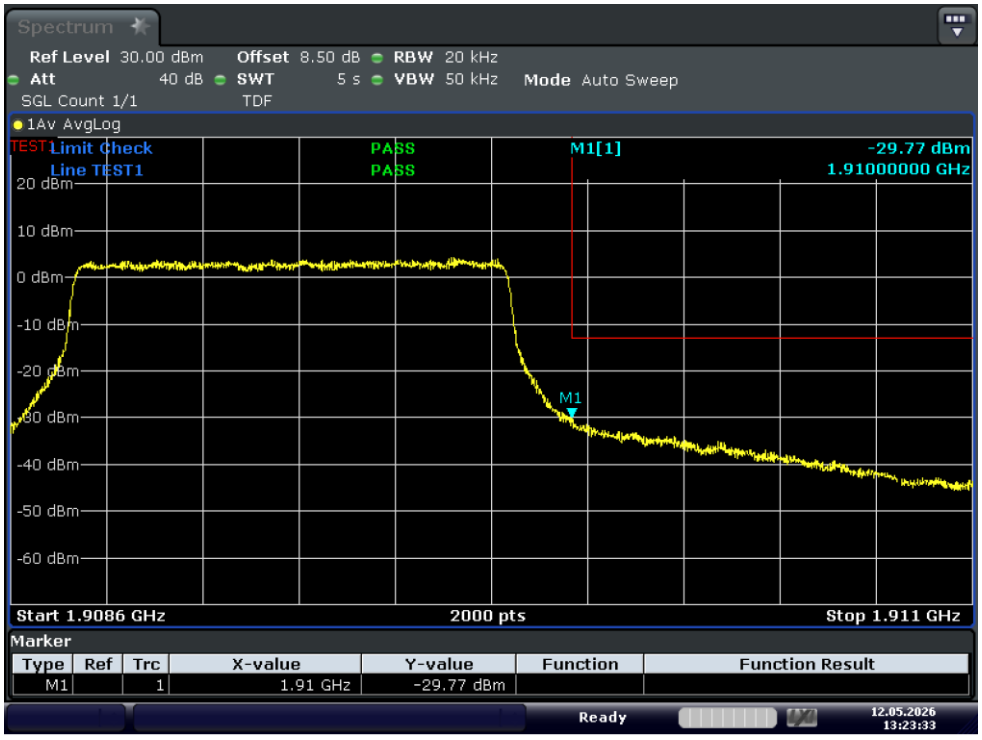
Test_Graph_band2_1850.7MHz_1.4M_QPSK_1RB#LOW_Band edge



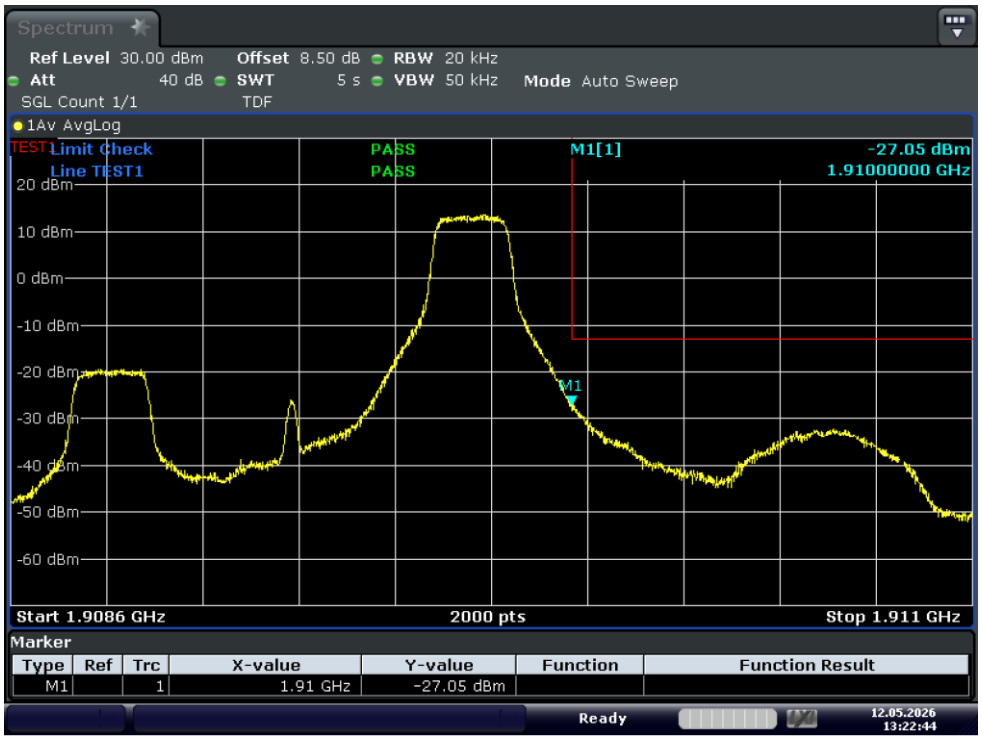
Test_Graph_band2_1850.7MHz_1.4M_QPSK_6RB#LOW_Band edge



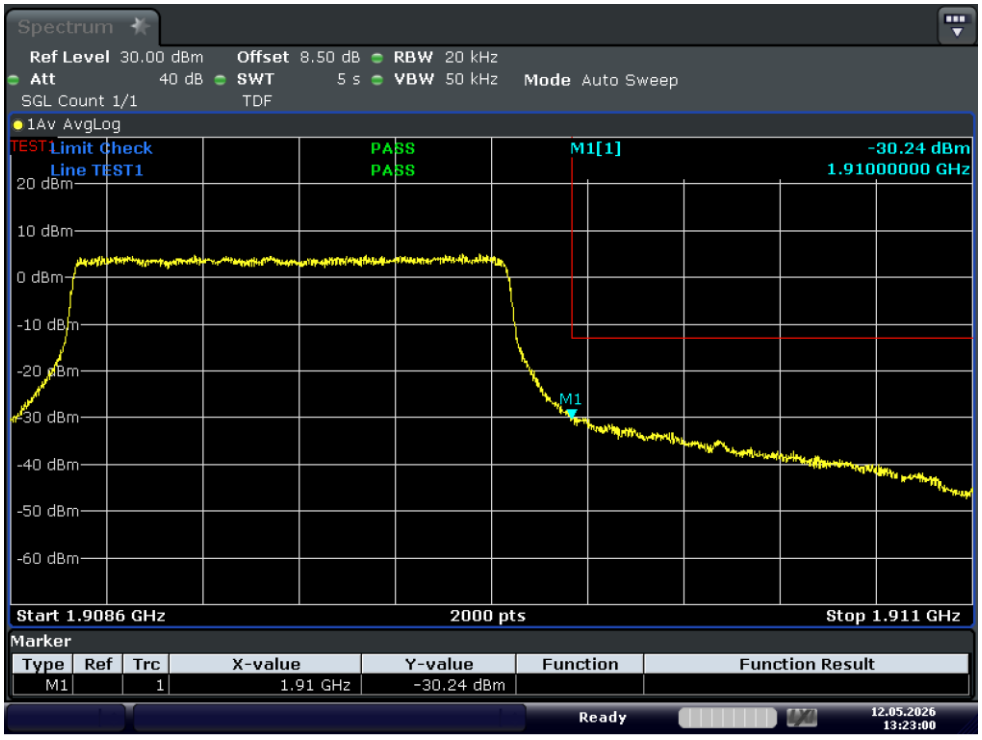
Test_Graph_band2_1909.3MHz_1.4M_16QAM_1RB#HIGH_Band edge



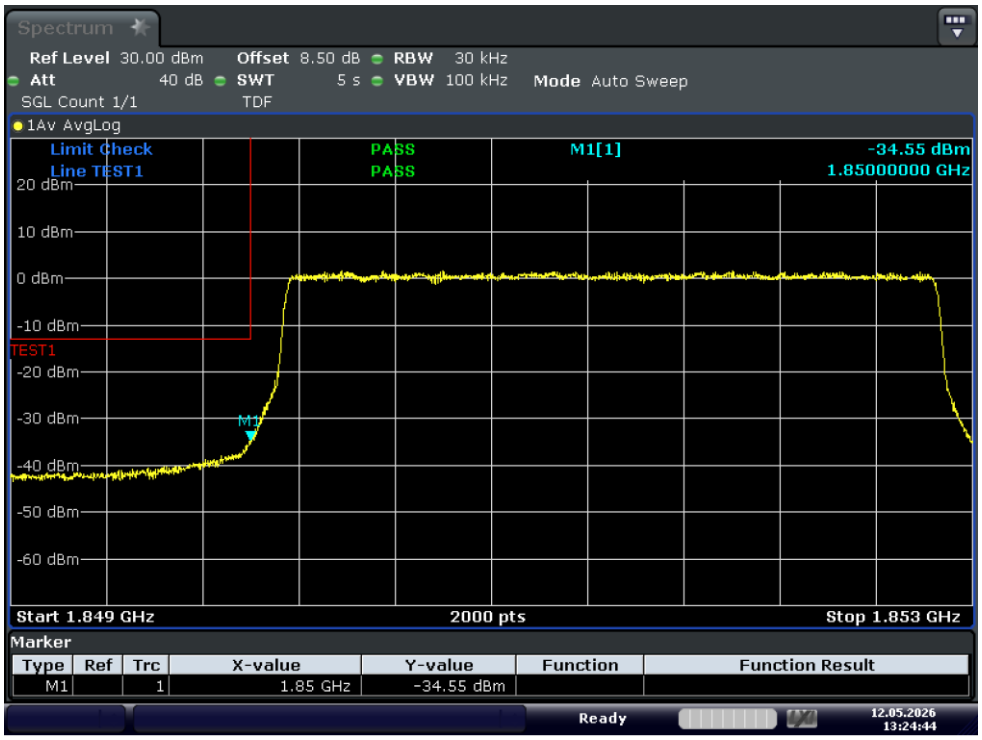
Test_Graph_band2_1909.3MHz_1.4M_16QAM_6RB#LOW_Band edge



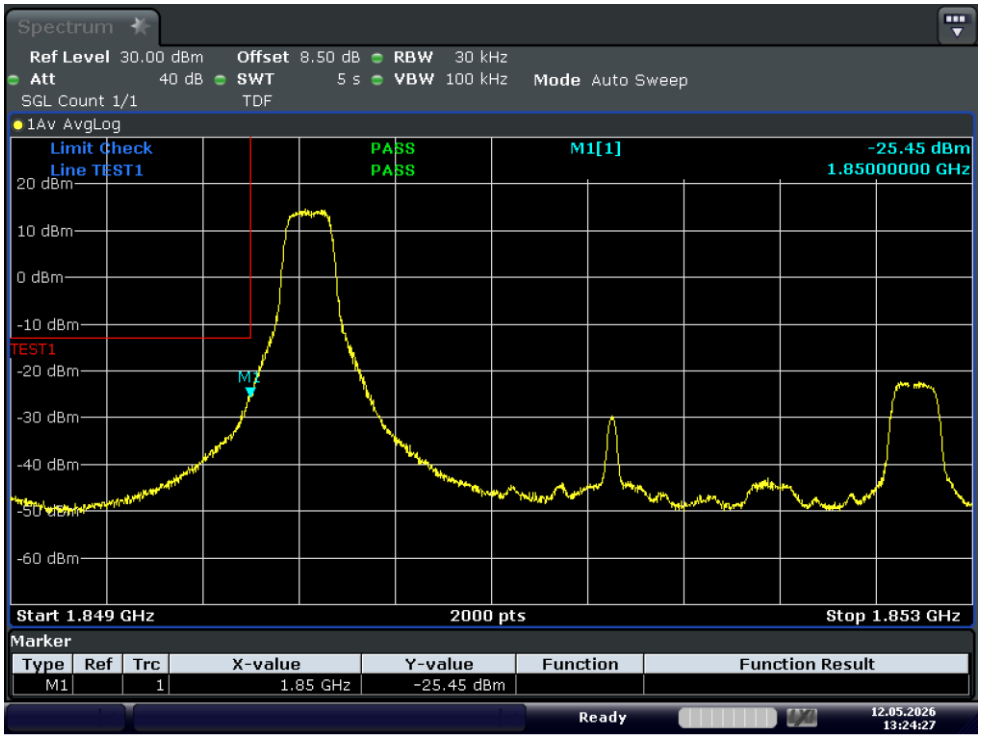
Test_Graph_band2_1909.3MHz_1.4M_QPSK_1RB#HIGH_Band edge



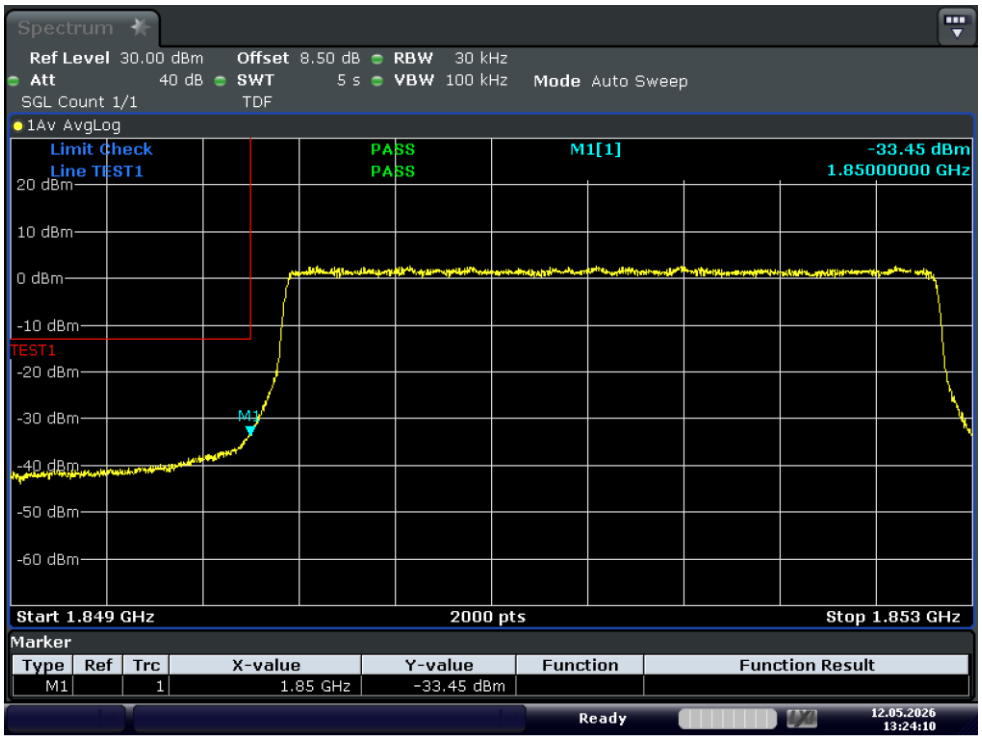
Test_Graph_band2_1909.3MHz_1.4M_QPSK_6RB#LOW_Band edge



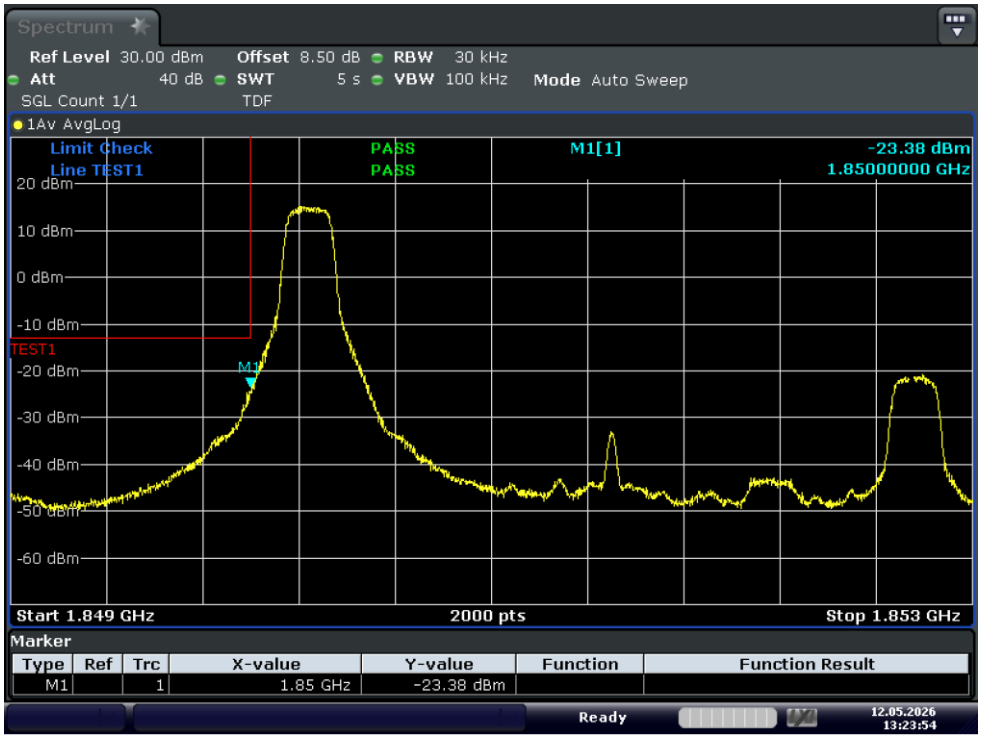
Test_Graph_band2_1851.5MHz_3M_16QAM_15RB#LOW_Band edge



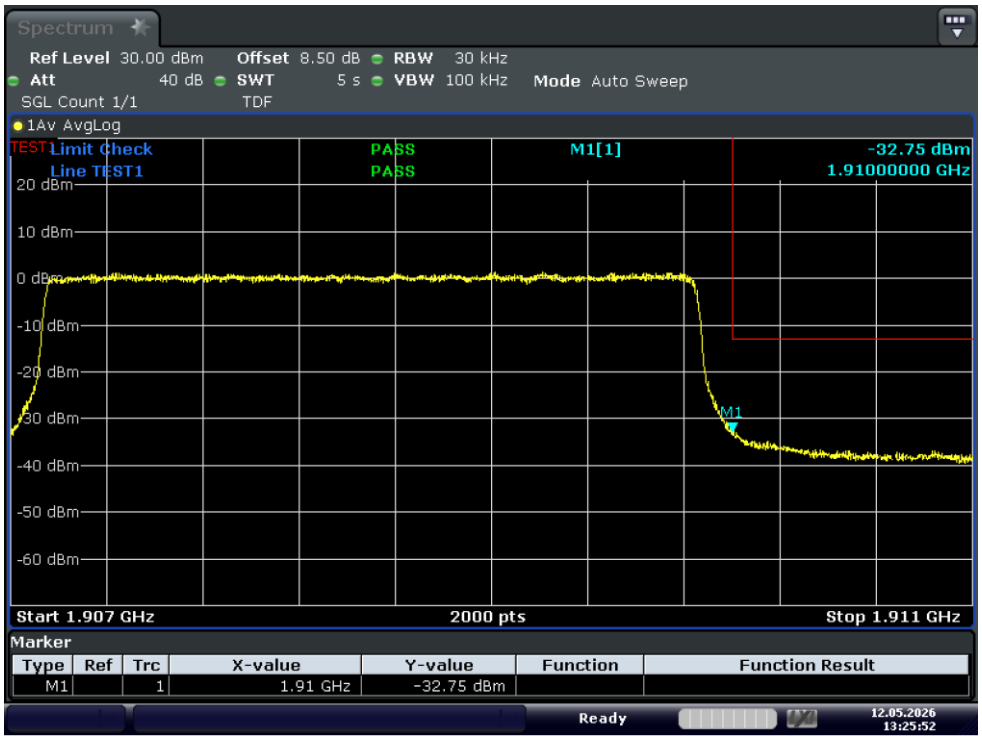
Test_Graph_band2_1851.5MHz_3M_16QAM_1RB#LOW_Band edge



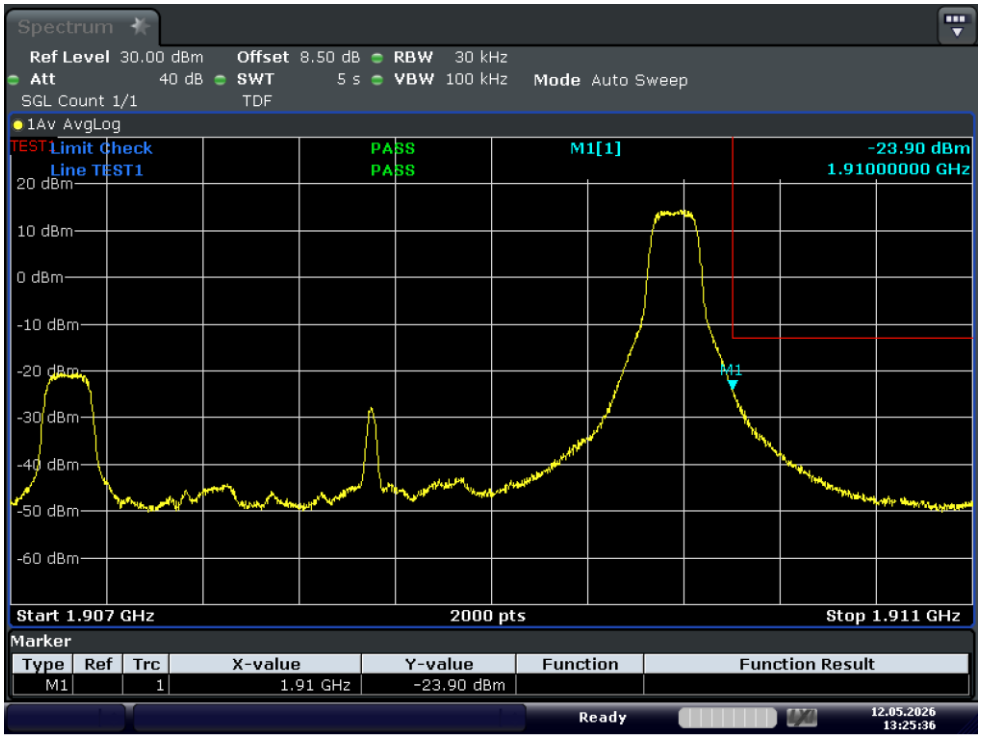
Test_Graph_band2_1851.5MHz_3M_QPSK_15RB#LOW_Band edge



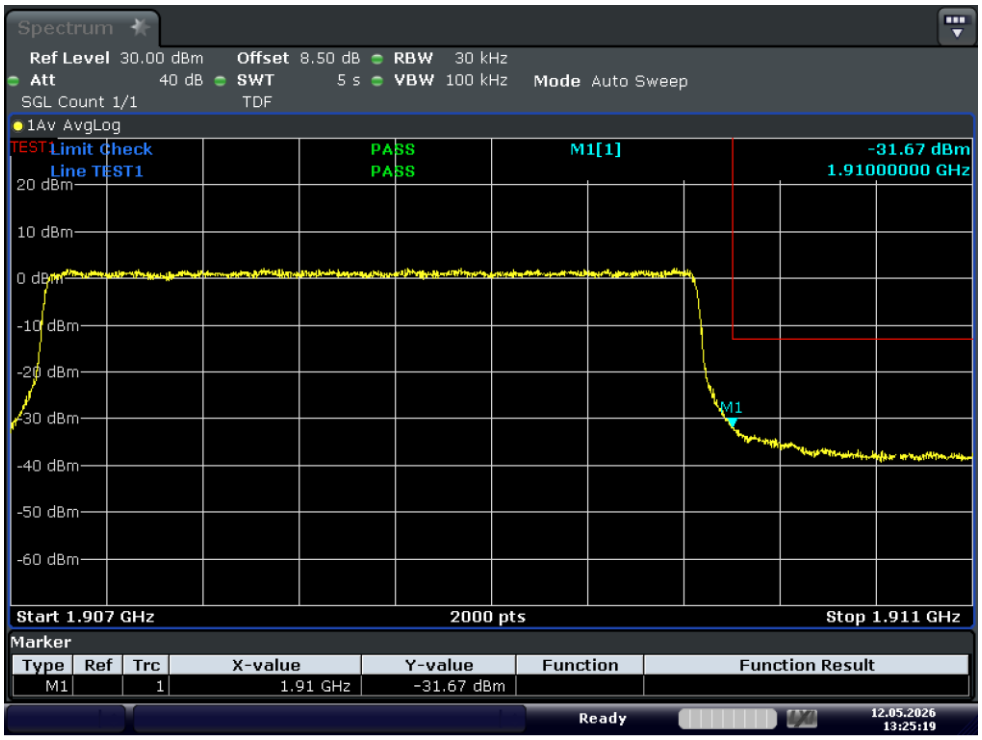
Test_Graph_band2_1851.5MHz_3M_QPSK_1RB#LOW_Band edge



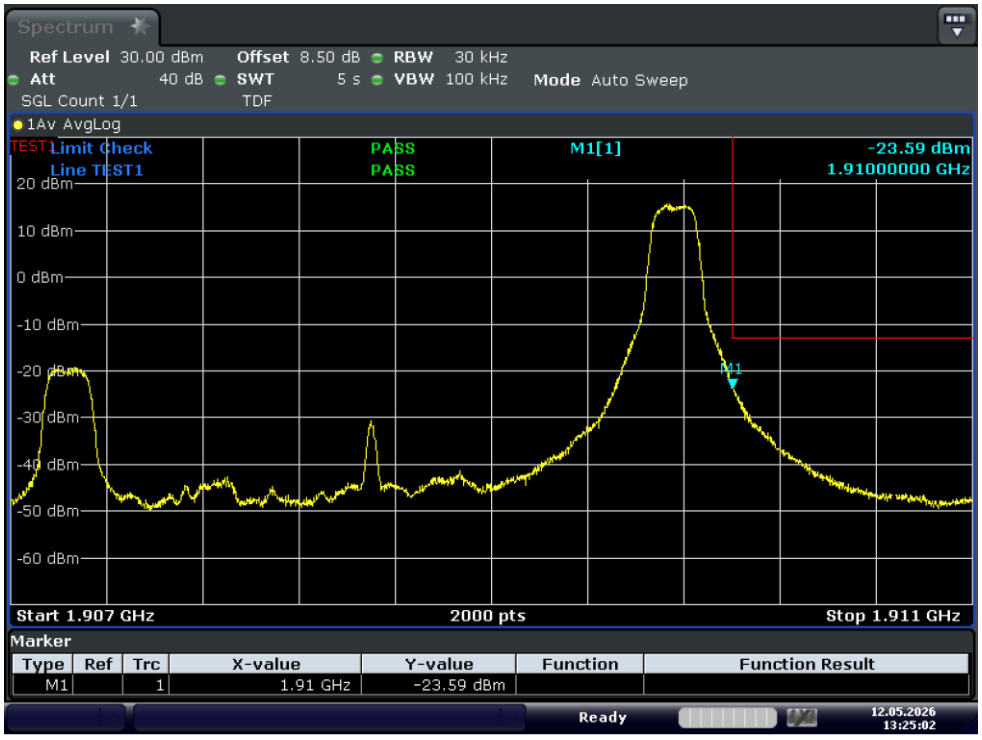
Test_Graph_band2_1908.5MHz_3M_16QAM_15RB#LOW_Band edge



Test_Graph_band2_1908.5MHz_3M_16QAM_1RB#HIGH_Band edge

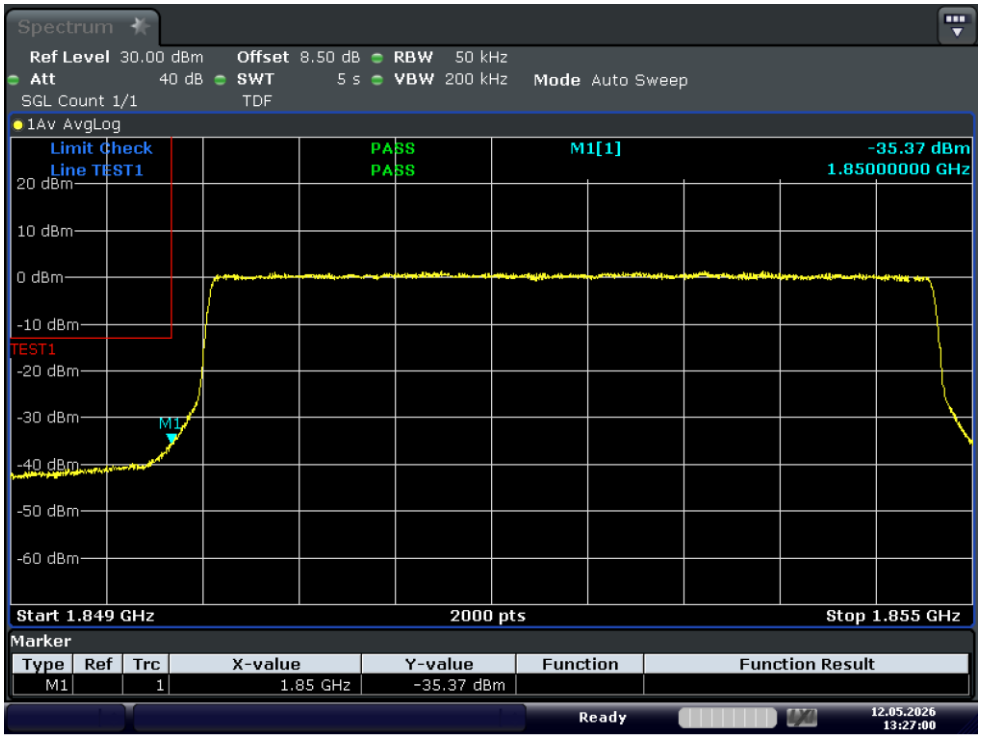


Test_Graph_band2_1908.5MHz_3M_QPSK_15RB#LOW_Band edge



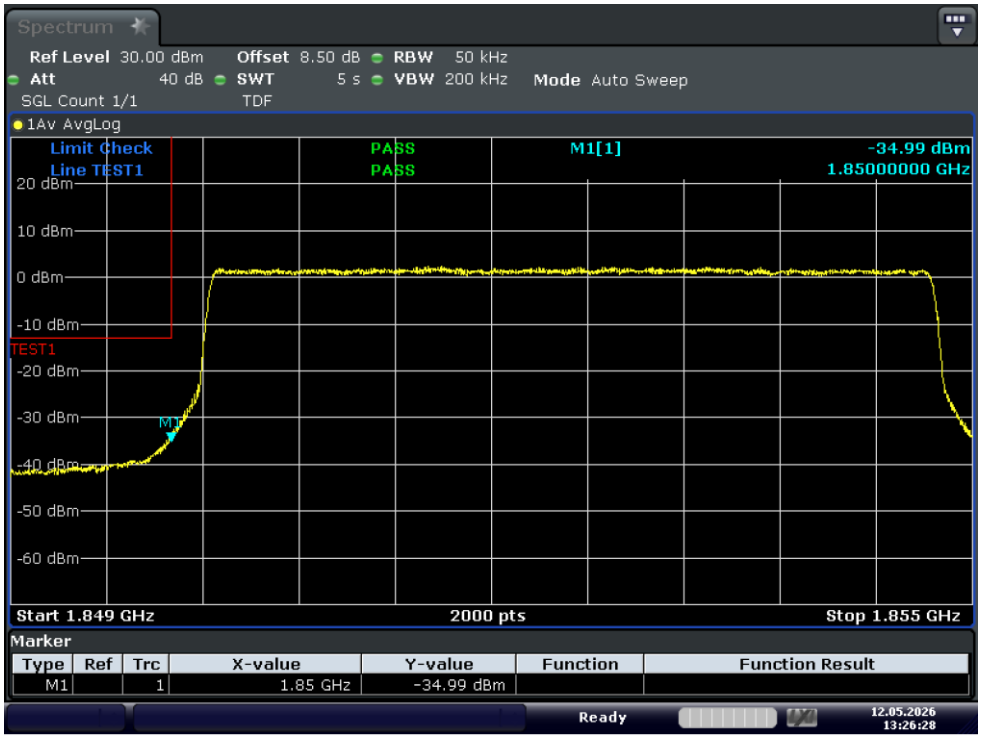
Test_Graph_band2_1908.5MHz_3M_QPSK_1RB#HIGH_Band edge

Test_Graph_band2_1852.5MHz_5M_16QAM_1RB#LOW_Band edge



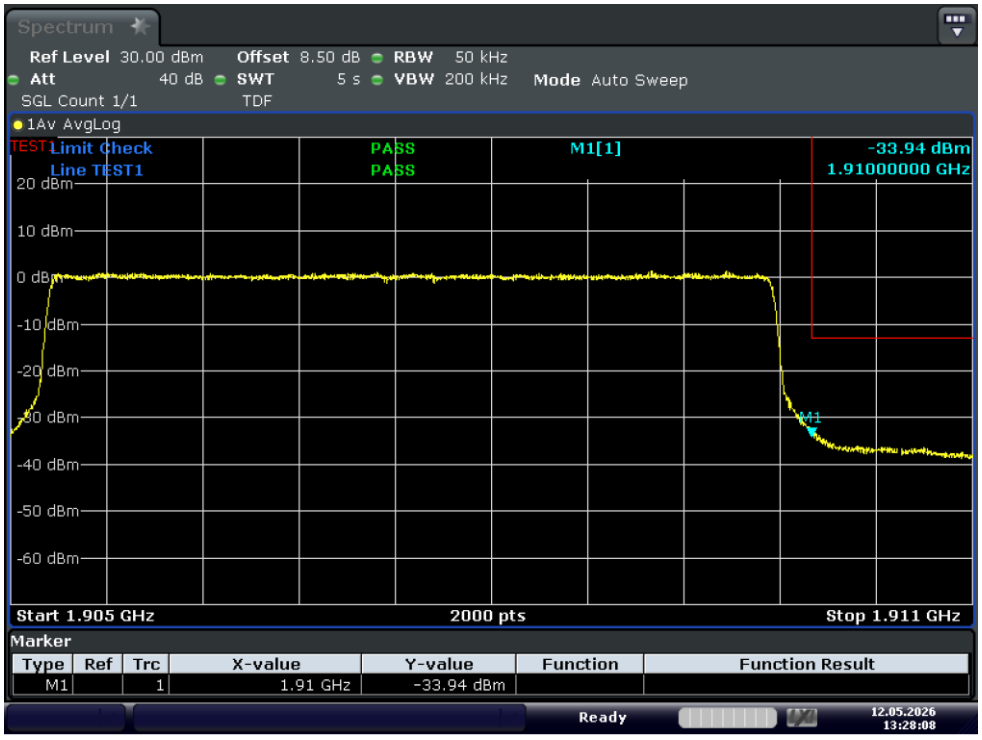
Test_Graph_band2_1852.5MHz_5M_16QAM_25RB#LOW_Band edge

Test_Graph_band2_1852.5MHz_5M_QPSK_1RB#LOW_Band edge



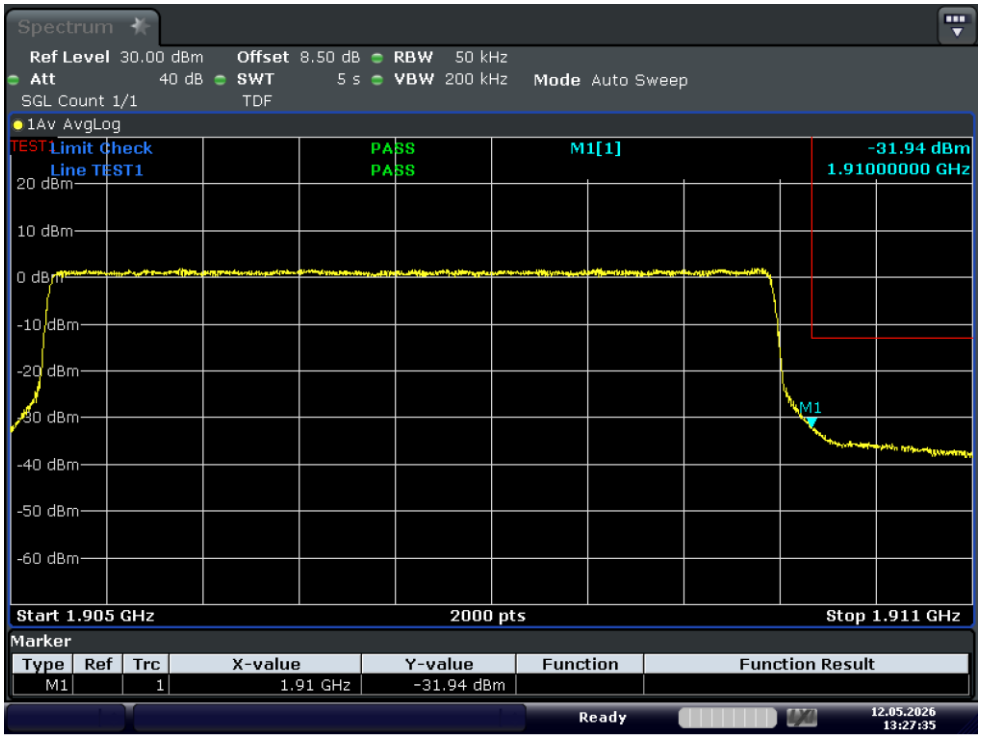
Test_Graph_band2_1852.5MHz_5M_QPSK_25RB#LOW_Band edge

Test_Graph_band2_1907.5MHz_5M_16QAM_1RB#HIGH_Band edge



Test_Graph_band2_1907.5MHz_5M_16QAM_25RB#LOW_Band edge

Test_Graph_band2_1907.5MHz_5M_QPSK_1RB#HIGH_Band edge



Test_Graph_band2_1907.5MHz_5M_QPSK_25RB#LOW_Band edge

Test_Graph_band2_1855MHz_10M_16QAM_1RB#LOW_Band edge

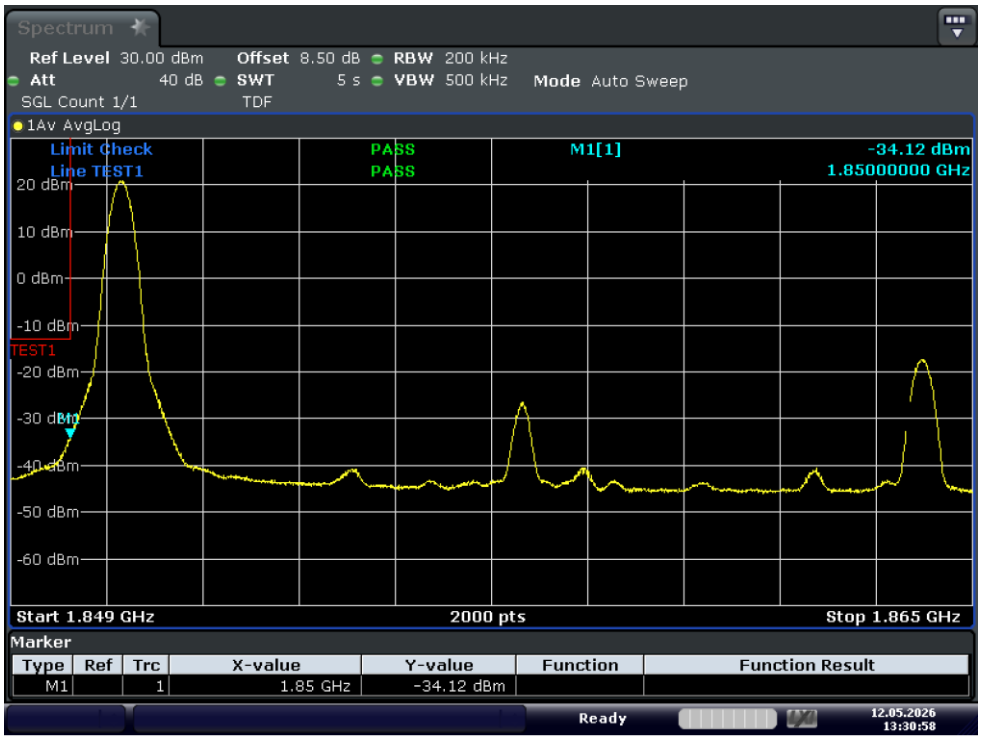
Test_Graph_band2_1855MHz_10M_QPSK_1RB#LOW_Band edge

Test_Graph_band2_1855MHz_10M_QPSK_50RB#LOW_Band edge

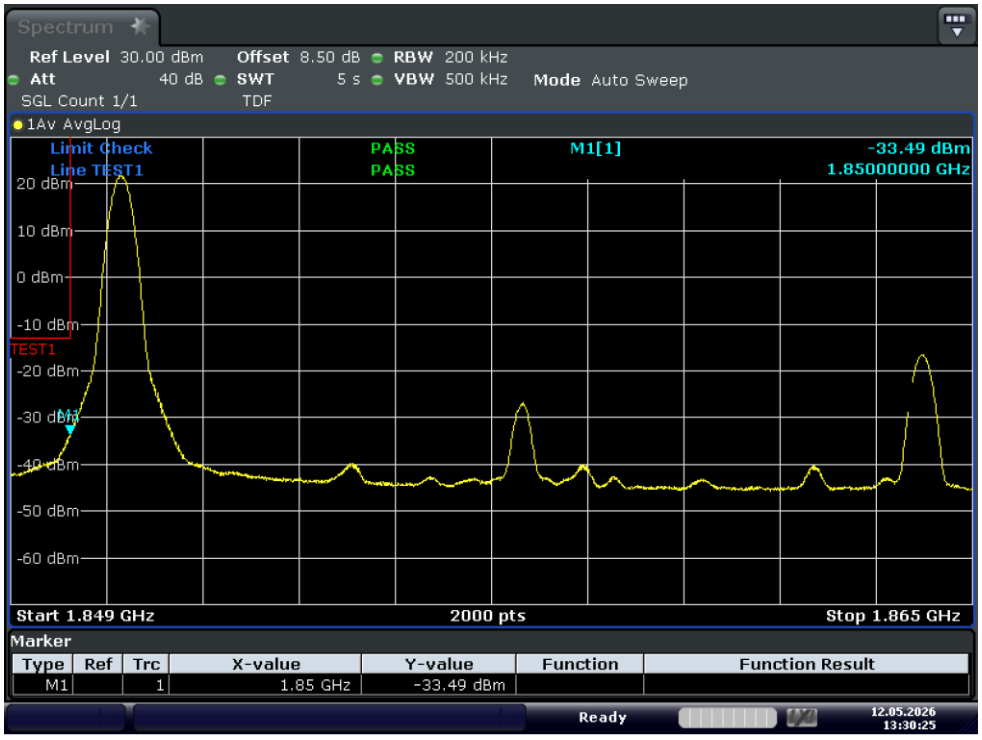
Test_Graph_band2_1905MHz_10M_16QAM_1RB#HIGH_Band edge

Test_Graph_band2_1905MHz_10M_QPSK_1RB#HIGH_Band edge

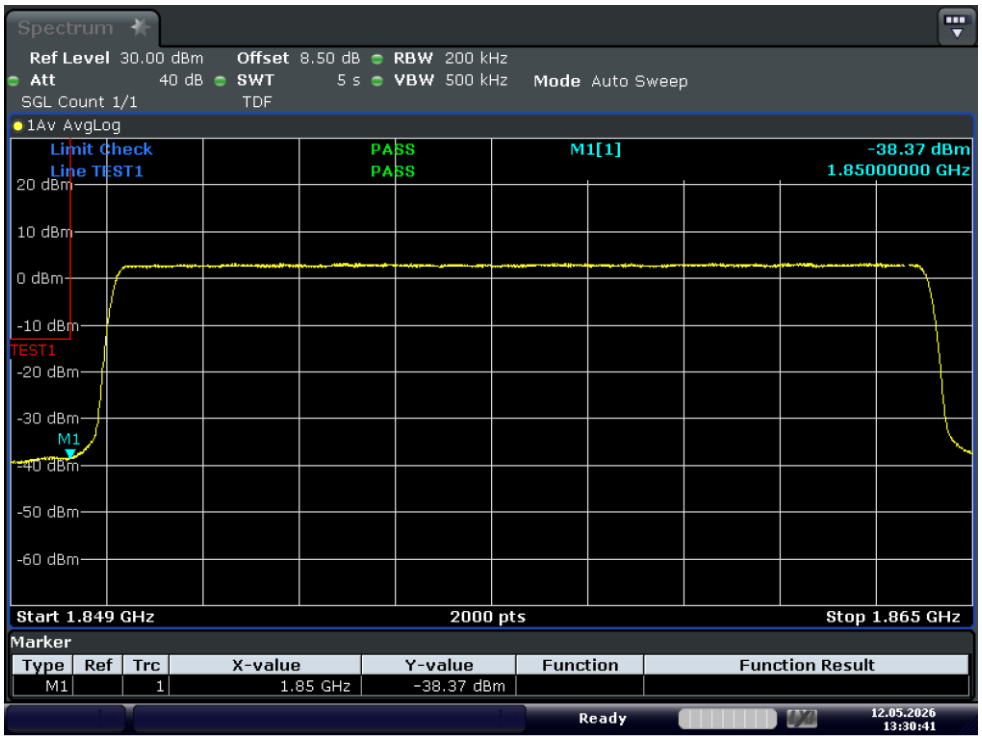
Test_Graph_band2_1905MHz_10M_QPSK_50RB#LOW_Band edge



Test_Graph_band2_1857.5MHz_15M_16QAM_1RB#LOW_Band edge

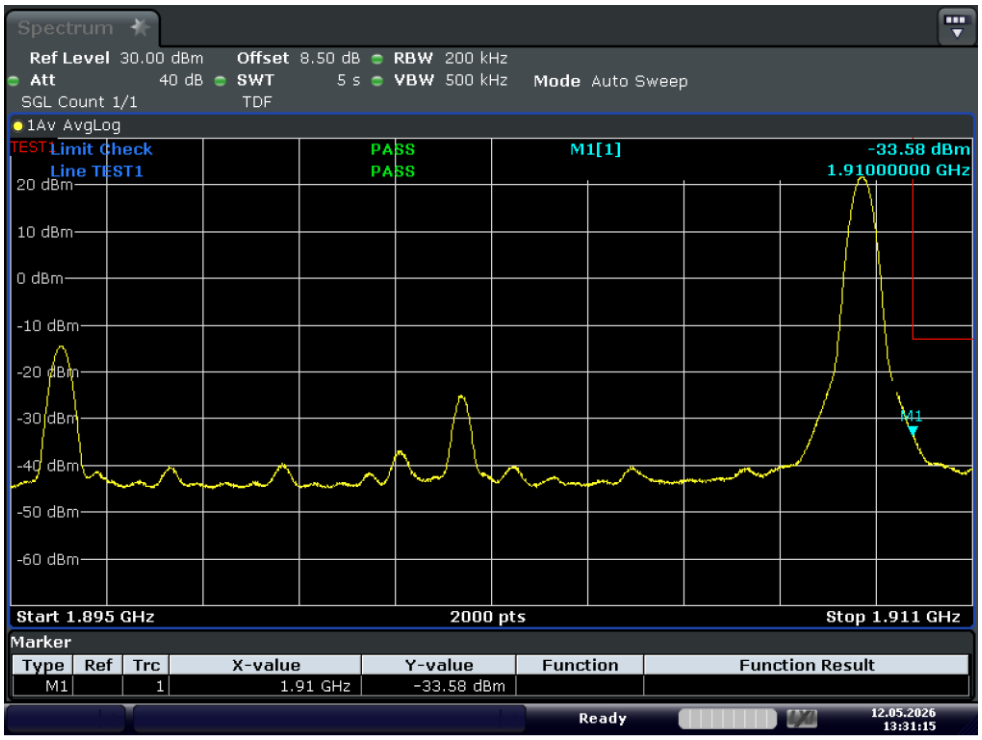


Test_Graph_band2_1857.5MHz_15M_QPSK_1RB#LOW_Band edge



Test_Graph_band2_1857.5MHz_15M_QPSK_75RB#LOW_Band edge

Test_Graph_band2_1902.5MHz_15M_16QAM_1RB#HIGH_Band edge



Test_Graph_band2_1902.5MHz_15M_QPSK_1RB#HIGH_Band edge

Test_Graph_band2_1902.5MHz_15M_QPSK_75RB#LOW_Band edge