

Appendix Test Data for LTE band 5(Conducted Measurement)

Product Name: 4G Poc Radio

Trade Mark: N/A

Test Model: N180

FCC ID: 2BQXTP360N

Environmental Conditions

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

Appendix A: RF output power

Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	ERP (dBm)	Limit (dBm)	Conclusion
5	1.4	824.7	QPSK	6	LOW	23.79	29.77	5.98	13	0.22	21.86	38.5	Pass
5	1.4	824.7	QPSK	3	LOW	24.82	30.58	5.76	13	0.22	22.89	38.5	Pass
5	1.4	824.7	QPSK	3	MID	24.81	30.56	5.75	13	0.22	22.88	38.5	Pass
5	1.4	824.7	QPSK	3	HIGH	24.89	30.64	5.75	13	0.22	22.96	38.5	Pass
5	1.4	824.7	QPSK	1	LOW	24.9	29.75	4.85	13	0.22	22.97	38.5	Pass
5	1.4	824.7	QPSK	1	MID	24.9	29.73	4.83	13	0.22	22.97	38.5	Pass
5	1.4	824.7	QPSK	1	HIGH	24.99	29.87	4.88	13	0.22	23.06	38.5	Pass
5	1.4	824.7	16QAM	6	LOW	22.84	29.46	6.62	13	0.22	20.91	38.5	Pass
5	1.4	824.7	16QAM	3	LOW	23.86	29.93	6.07	13	0.22	21.93	38.5	Pass
5	1.4	824.7	16QAM	3	MID	23.86	29.97	6.11	13	0.22	21.93	38.5	Pass
5	1.4	824.7	16QAM	3	HIGH	23.88	30.07	6.19	13	0.22	21.95	38.5	Pass
5	1.4	824.7	16QAM	1	LOW	23.83	29.2	5.37	13	0.22	21.9	38.5	Pass
5	1.4	824.7	16QAM	1	MID	23.79	29.11	5.32	13	0.22	21.86	38.5	Pass
5	1.4	824.7	16QAM	1	HIGH	23.88	29.23	5.35	13	0.22	21.95	38.5	Pass
5	1.4	836.5	QPSK	6	LOW	24.01	30.01	6	13	0.22	22.08	38.5	Pass
5	1.4	836.5	QPSK	3	LOW	25.06	30.41	5.35	13	0.22	23.13	38.5	Pass
5	1.4	836.5	QPSK	3	MID	25.05	30.4	5.35	13	0.22	23.12	38.5	Pass
5	1.4	836.5	QPSK	3	HIGH	25.08	30.4	5.32	13	0.22	23.15	38.5	Pass
5	1.4	836.5	QPSK	1	LOW	25.18	30.51	5.33	13	0.22	23.25	38.5	Pass
5	1.4	836.5	QPSK	1	MID	25.05	30.32	5.27	13	0.22	23.12	38.5	Pass
5	1.4	836.5	QPSK	1	HIGH	25.01	30.32	5.31	13	0.22	23.08	38.5	Pass
5	1.4	836.5	16QAM	6	LOW	23.12	30.1	6.98	13	0.22	21.19	38.5	Pass





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5	1.4	836.5	16QAM	3	LOW	24.23	30.24	6.01	13	0.22	22.3	38.5	Pass
5	1.4	836.5	16QAM	3	MID	24.23	30.22	5.99	13	0.22	22.3	38.5	Pass
5	1.4	836.5	16QAM	3	HIGH	24.16	30.03	5.87	13	0.22	22.23	38.5	Pass
5	1.4	836.5	16QAM	1	LOW	24.12	29.8	5.68	13	0.22	22.19	38.5	Pass
5	1.4	836.5	16QAM	1	MID	23.96	29.58	5.62	13	0.22	22.03	38.5	Pass
5	1.4	836.5	16QAM	1	HIGH	24	29.61	5.61	13	0.22	22.07	38.5	Pass
5	1.4	848.3	QPSK	6	LOW	23.74	29.52	5.78	13	0.22	21.81	38.5	Pass
5	1.4	848.3	QPSK	3	LOW	24.75	30.38	5.63	13	0.22	22.82	38.5	Pass
5	1.4	848.3	QPSK	3	MID	24.73	30.33	5.60	13	0.22	22.8	38.5	Pass
5	1.4	848.3	QPSK	3	HIGH	24.74	30.44	5.70	13	0.22	22.81	38.5	Pass
5	1.4	848.3	QPSK	1	LOW	24.76	30.26	5.5	13	0.22	22.83	38.5	Pass
5	1.4	848.3	QPSK	1	MID	24.74	30.21	5.47	13	0.22	22.81	38.5	Pass
5	1.4	848.3	QPSK	1	HIGH	24.74	30.17	5.43	13	0.22	22.81	38.5	Pass
5	1.4	848.3	16QAM	6	LOW	22.81	29.19	6.38	13	0.22	20.88	38.5	Pass
5	1.4	848.3	16QAM	3	LOW	23.69	30.32	6.63	13	0.22	21.76	38.5	Pass
5	1.4	848.3	16QAM	3	MID	23.69	30.32	6.63	13	0.22	21.76	38.5	Pass
5	1.4	848.3	16QAM	3	HIGH	23.73	30.32	6.59	13	0.22	21.8	38.5	Pass
5	1.4	848.3	16QAM	1	LOW	23.81	28.91	5.10	13	0.22	21.88	38.5	Pass
5	1.4	848.3	16QAM	1	MID	23.86	28.91	5.05	13	0.22	21.93	38.5	Pass
5	1.4	848.3	16QAM	1	HIGH	23.85	28.88	5.03	13	0.22	21.92	38.5	Pass
5	3	825.5	QPSK	15	LOW	23.86	30.09	6.23	13	0.22	21.93	38.5	Pass
5	3	825.5	QPSK	8	LOW	23.78	29.76	5.98	13	0.22	21.85	38.5	Pass
5	3	825.5	QPSK	8	MID	23.77	29.6	5.83	13	0.22	21.84	38.5	Pass
5	3	825.5	QPSK	8	HIGH	24	29.89	5.89	13	0.22	22.07	38.5	Pass
5	3	825.5	QPSK	1	LOW	24.78	29.68	4.90	13	0.22	22.85	38.5	Pass
5	3	825.5	QPSK	1	MID	25.01	29.94	4.93	13	0.22	23.08	38.5	Pass
5	3	825.5	QPSK	1	HIGH	25.05	30.09	5.04	13	0.22	23.12	38.5	Pass
5	3	825.5	16QAM	15	LOW	23.05	29.69	6.64	13	0.22	21.12	38.5	Pass
5	3	825.5	16QAM	8	LOW	23.05	29.86	6.81	13	0.22	21.12	38.5	Pass
5	3	825.5	16QAM	8	MID	23.06	29.98	6.92	13	0.22	21.13	38.5	Pass
5	3	825.5	16QAM	8	HIGH	23.3	30.18	6.88	13	0.22	21.37	38.5	Pass
5	3	825.5	16QAM	1	LOW	24.31	30.22	5.91	13	0.22	22.38	38.5	Pass
5	3	825.5	16QAM	1	MID	24.55	30.63	6.08	13	0.22	22.62	38.5	Pass
5	3	825.5	16QAM	1	HIGH	24.65	30.79	6.14	13	0.22	22.72	38.5	Pass
5	3	836.5	QPSK	15	LOW	23.99	29.69	5.70	13	0.22	22.06	38.5	Pass
5	3	836.5	QPSK	8	LOW	24.08	30.05	5.97	13	0.22	22.15	38.5	Pass
5	3	836.5	QPSK	8	MID	24.09	30.09	6	13	0.22	22.16	38.5	Pass
5	3	836.5	QPSK	8	HIGH	23.98	30	6.02	13	0.22	22.05	38.5	Pass
5	3	836.5	QPSK	1	LOW	25.06	30.16	5.10	13	0.22	23.13	38.5	Pass
5	3	836.5	QPSK	1	MID	25.09	29.98	4.89	13	0.22	23.16	38.5	Pass
5	3	836.5	QPSK	1	HIGH	25.01	29.95	4.94	13	0.22	23.08	38.5	Pass





Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	ERP (dBm)	Limit (dBm)	Conclusion
5	3	836.5	16QAM	15	LOW	23.08	29.93	6.85	13	0.22	21.15	38.5	Pass
5	3	836.5	16QAM	8	LOW	23.13	29.45	6.32	13	0.22	21.2	38.5	Pass
5	3	836.5	16QAM	8	MID	23.14	29.51	6.37	13	0.22	21.21	38.5	Pass
5	3	836.5	16QAM	8	HIGH	23.03	29.45	6.42	13	0.22	21.1	38.5	Pass
5	3	836.5	16QAM	1	LOW	24.17	29.1	4.93	13	0.22	22.24	38.5	Pass
5	3	836.5	16QAM	1	MID	24.07	29	4.93	13	0.22	22.14	38.5	Pass
5	3	836.5	16QAM	1	HIGH	24.08	29	4.92	13	0.22	22.15	38.5	Pass
5	3	847.5	QPSK	15	LOW	23.59	29.74	6.15	13	0.22	21.66	38.5	Pass
5	3	847.5	QPSK	8	LOW	23.6	29.59	5.99	13	0.22	21.67	38.5	Pass
5	3	847.5	QPSK	8	MID	23.59	29.73	6.14	13	0.22	21.66	38.5	Pass
5	3	847.5	QPSK	8	HIGH	23.71	30.05	6.34	13	0.22	21.78	38.5	Pass
5	3	847.5	QPSK	1	LOW	24.69	29.71	5.02	13	0.22	22.76	38.5	Pass
5	3	847.5	QPSK	1	MID	24.72	29.74	5.02	13	0.22	22.79	38.5	Pass
5	3	847.5	QPSK	1	HIGH	24.63	29.71	5.08	13	0.22	22.7	38.5	Pass
5	3	847.5	16QAM	15	LOW	22.74	29.7	6.96	13	0.22	20.81	38.5	Pass
5	3	847.5	16QAM	8	LOW	22.79	29.41	6.62	13	0.22	20.86	38.5	Pass
5	3	847.5	16QAM	8	MID	22.79	29.43	6.64	13	0.22	20.86	38.5	Pass
5	3	847.5	16QAM	8	HIGH	22.87	29.35	6.48	13	0.22	20.94	38.5	Pass
5	3	847.5	16QAM	1	LOW	23.63	29.03	5.40	13	0.22	21.7	38.5	Pass
5	3	847.5	16QAM	1	MID	23.75	29.2	5.45	13	0.22	21.82	38.5	Pass
5	3	847.5	16QAM	1	HIGH	23.67	29.14	5.47	13	0.22	21.74	38.5	Pass
5	5	826.5	QPSK	25	LOW	23.97	30.08	6.11	13	0.22	22.04	38.5	Pass
5	5	826.5	QPSK	12	LOW	23.77	29.66	5.89	13	0.22	21.84	38.5	Pass
5	5	826.5	QPSK	12	MID	23.84	29.66	5.82	13	0.22	21.91	38.5	Pass
5	5	826.5	QPSK	12	HIGH	24.15	30.06	5.91	13	0.22	22.22	38.5	Pass
5	5	826.5	QPSK	1	LOW	24.85	30.4	5.55	13	0.22	22.92	38.5	Pass
5	5	826.5	QPSK	1	MID	25.28	30.97	5.69	13	0.22	23.35	38.5	Pass
5	5	826.5	QPSK	1	HIGH	25.22	31.08	5.86	13	0.22	23.29	38.5	Pass
5	5	826.5	16QAM	25	LOW	23.13	30.62	7.49	13	0.22	21.2	38.5	Pass
5	5	826.5	16QAM	12	LOW	22.95	30.34	7.39	13	0.22	21.02	38.5	Pass
5	5	826.5	16QAM	12	MID	22.95	30.25	7.30	13	0.22	21.02	38.5	Pass
5	5	826.5	16QAM	12	HIGH	23.23	30.73	7.5	13	0.22	21.3	38.5	Pass
5	5	826.5	16QAM	1	LOW	23.76	29.22	5.46	13	0.22	21.83	38.5	Pass
5	5	826.5	16QAM	1	MID	24.14	29.64	5.5	13	0.22	22.21	38.5	Pass
5	5	826.5	16QAM	1	HIGH	24.13	29.68	5.55	13	0.22	22.2	38.5	Pass
5	5	836.5	QPSK	25	LOW	24.03	29.9	5.87	13	0.22	22.1	38.5	Pass
5	5	836.5	QPSK	12	LOW	24.15	30.23	6.08	13	0.22	22.22	38.5	Pass
5	5	836.5	QPSK	12	MID	24.15	30.22	6.07	13	0.22	22.22	38.5	Pass
5	5	836.5	QPSK	12	HIGH	24	30.03	6.03	13	0.22	22.07	38.5	Pass
5	5	836.5	QPSK	1	LOW	25.24	30.36	5.12	13	0.22	23.31	38.5	Pass
5	5	836.5	QPSK	1	MID	25.14	30.02	4.88	13	0.22	23.21	38.5	Pass





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5	5	836.5	QPSK	1	HIGH	25	29.9	4.90	13	0.22	23.07	38.5	Pass
5	5	836.5	16QAM	25	LOW	23.13	30.54	7.41	13	0.22	21.2	38.5	Pass
5	5	836.5	16QAM	12	LOW	23.2	29.8	6.60	13	0.22	21.27	38.5	Pass
5	5	836.5	16QAM	12	MID	23.16	29.78	6.62	13	0.22	21.23	38.5	Pass
5	5	836.5	16QAM	12	HIGH	23.07	29.68	6.61	13	0.22	21.14	38.5	Pass
5	5	836.5	16QAM	1	LOW	24.51	30.09	5.58	13	0.22	22.58	38.5	Pass
5	5	836.5	16QAM	1	MID	24.27	29.72	5.45	13	0.22	22.34	38.5	Pass
5	5	836.5	16QAM	1	HIGH	24.27	29.68	5.41	13	0.22	22.34	38.5	Pass
5	5	846.5	QPSK	25	LOW	23.59	29.65	6.06	13	0.22	21.66	38.5	Pass
5	5	846.5	QPSK	12	LOW	23.65	29.47	5.82	13	0.22	21.72	38.5	Pass
5	5	846.5	QPSK	12	MID	23.74	29.84	6.10	13	0.22	21.81	38.5	Pass
5	5	846.5	QPSK	12	HIGH	23.57	29.61	6.04	13	0.22	21.64	38.5	Pass
5	5	846.5	QPSK	1	LOW	24.94	30.09	5.15	13	0.22	23.01	38.5	Pass
5	5	846.5	QPSK	1	MID	24.77	30.04	5.27	13	0.22	22.84	38.5	Pass
5	5	846.5	QPSK	1	HIGH	24.85	30.14	5.29	13	0.22	22.92	38.5	Pass
5	5	846.5	16QAM	25	LOW	22.82	30.43	7.61	13	0.22	20.89	38.5	Pass
5	5	846.5	16QAM	12	LOW	22.71	29.56	6.85	13	0.22	20.78	38.5	Pass
5	5	846.5	16QAM	12	MID	22.72	29.58	6.86	13	0.22	20.79	38.5	Pass
5	5	846.5	16QAM	12	HIGH	22.67	29.56	6.89	13	0.22	20.74	38.5	Pass
5	5	846.5	16QAM	1	LOW	24.02	29.99	5.97	13	0.22	22.09	38.5	Pass
5	5	846.5	16QAM	1	MID	23.75	29.78	6.03	13	0.22	21.82	38.5	Pass
5	5	846.5	16QAM	1	HIGH	23.93	30.01	6.08	13	0.22	22	38.5	Pass
5	10	829	QPSK	50	LOW	23.91	30.04	6.13	13	0.22	21.98	38.5	Pass
5	10	829	QPSK	25	LOW	23.92	30.31	6.39	13	0.22	21.99	38.5	Pass
5	10	829	QPSK	25	MID	23.89	30.22	6.33	13	0.22	21.96	38.5	Pass
5	10	829	QPSK	25	HIGH	23.98	30.3	6.32	13	0.22	22.05	38.5	Pass
5	10	829	QPSK	1	LOW	24.72	29.59	4.87	13	0.22	22.79	38.5	Pass
5	10	829	QPSK	1	MID	25.23	30.2	4.97	13	0.22	23.3	38.5	Pass
5	10	829	QPSK	1	HIGH	25	29.89	4.89	13	0.22	23.07	38.5	Pass
5	10	829	16QAM	25	LOW	23.04	30.21	7.17	13	0.22	21.11	38.5	Pass
5	10	829	16QAM	25	MID	23.04	30.23	7.19	13	0.22	21.11	38.5	Pass
5	10	829	16QAM	25	HIGH	23.1	30.3	7.20	13	0.22	21.17	38.5	Pass
5	10	829	16QAM	1	LOW	24.37	30.23	5.86	13	0.22	22.44	38.5	Pass
5	10	829	16QAM	1	MID	24.81	30.95	6.14	13	0.22	22.88	38.5	Pass
5	10	829	16QAM	1	HIGH	24.65	30.58	5.93	13	0.22	22.72	38.5	Pass
5	10	836.5	QPSK	50	LOW	23.89	29.89	6	13	0.22	21.96	38.5	Pass
5	10	836.5	QPSK	25	LOW	23.91	29.85	5.94	13	0.22	21.98	38.5	Pass
5	10	836.5	QPSK	25	MID	23.91	29.9	5.99	13	0.22	21.98	38.5	Pass
5	10	836.5	QPSK	25	HIGH	23.84	29.69	5.85	13	0.22	21.91	38.5	Pass
5	10	836.5	QPSK	1	LOW	25.1	30.42	5.32	13	0.22	23.17	38.5	Pass
5	10	836.5	QPSK	1	MID	25.05	30	4.95	13	0.22	23.12	38.5	Pass





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5	10	836.5	QPSK	1	HIGH	25.06	29.97	4.91	13	0.22	23.13	38.5	Pass
5	10	836.5	16QAM	25	LOW	23.03	30.26	7.23	13	0.22	21.1	38.5	Pass
5	10	836.5	16QAM	25	MID	23.04	30.2	7.16	13	0.22	21.11	38.5	Pass
5	10	836.5	16QAM	25	HIGH	22.95	29.77	6.82	13	0.22	21.02	38.5	Pass
5	10	836.5	16QAM	1	LOW	24.32	29.3	4.98	13	0.22	22.39	38.5	Pass
5	10	836.5	16QAM	1	MID	24.11	28.94	4.83	13	0.22	22.18	38.5	Pass
5	10	836.5	16QAM	1	HIGH	24.19	29.05	4.86	13	0.22	22.26	38.5	Pass
5	10	844	QPSK	50	LOW	23.7	29.78	6.08	13	0.22	21.77	38.5	Pass
5	10	844	QPSK	25	LOW	23.74	30.13	6.39	13	0.22	21.81	38.5	Pass
5	10	844	QPSK	25	MID	23.74	29.92	6.18	13	0.22	21.81	38.5	Pass
5	10	844	QPSK	25	HIGH	23.51	30.13	6.62	13	0.22	21.58	38.5	Pass
5	10	844	QPSK	1	LOW	24.77	29.34	4.57	13	0.22	22.84	38.5	Pass
5	10	844	QPSK	1	MID	24.92	29.77	4.85	13	0.22	22.99	38.5	Pass
5	10	844	QPSK	1	HIGH	24.71	29.71	5	13	0.22	22.78	38.5	Pass
5	10	844	16QAM	25	LOW	23	29.95	6.95	13	0.22	21.07	38.5	Pass
5	10	844	16QAM	25	MID	22.92	29.94	7.02	13	0.22	20.99	38.5	Pass
5	10	844	16QAM	25	HIGH	22.71	29.99	7.28	13	0.22	20.78	38.5	Pass
5	10	844	16QAM	1	LOW	23.8	28.96	5.16	13	0.22	21.87	38.5	Pass
5	10	844	16QAM	1	MID	23.94	29.31	5.37	13	0.22	22.01	38.5	Pass
5	10	844	16QAM	1	HIGH	23.72	29.13	5.41	13	0.22	21.79	38.5	Pass



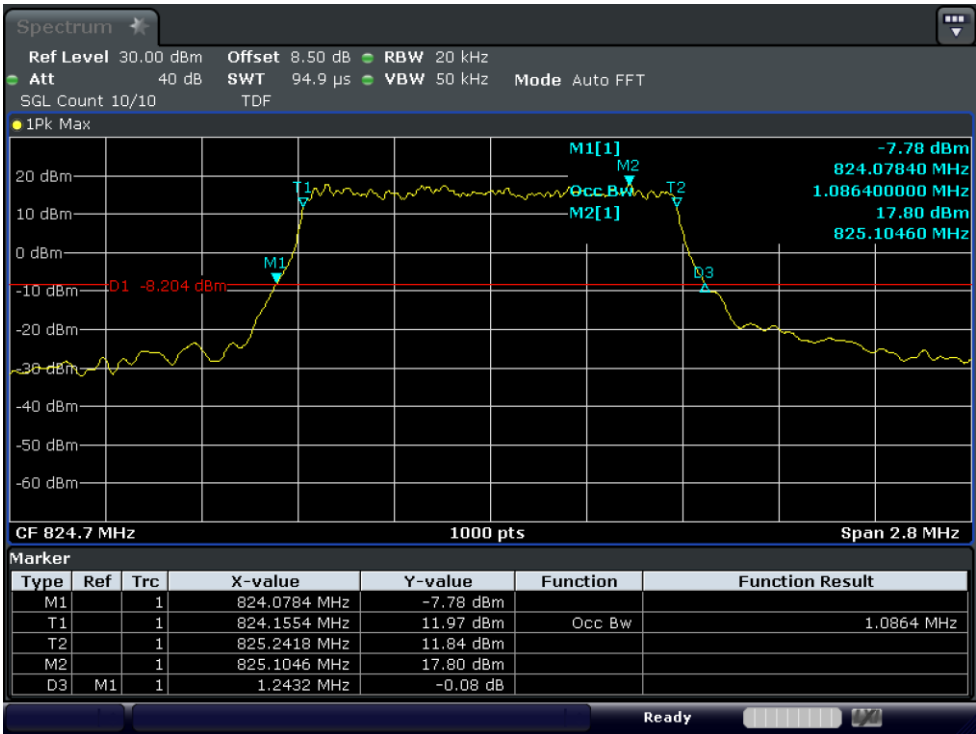
Appendix B: Occupied bandwidth

Test Result

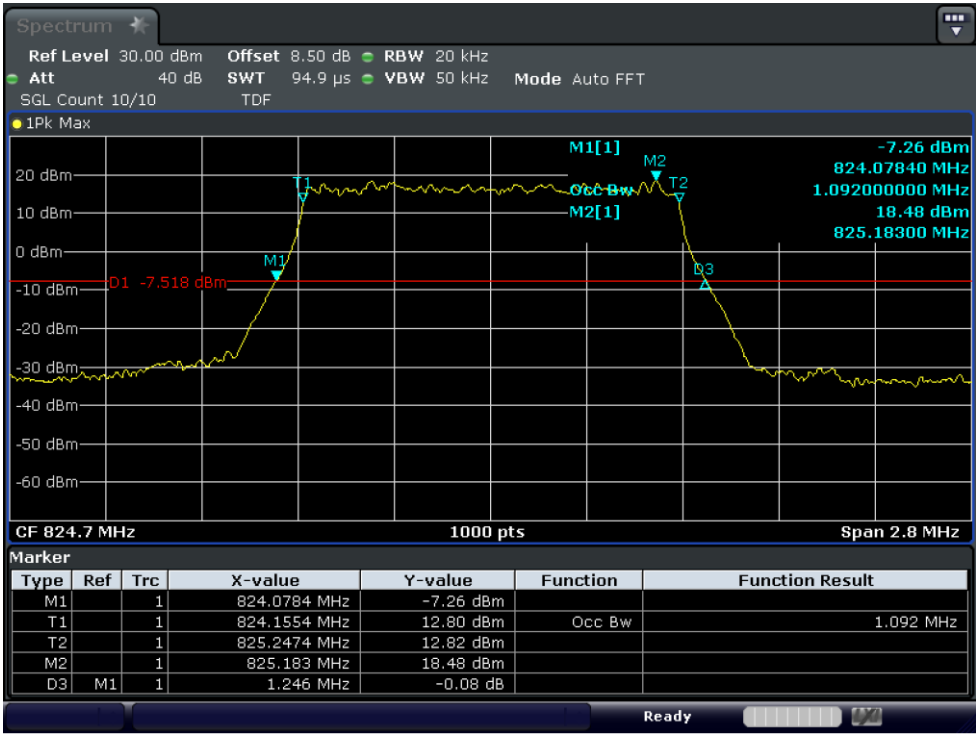
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth (MHz)	Emission Bandwidth (MHz)	Limit
5	1.4	824.7	QPSK	6	LOW	1.092	1.246	No limit
5	1.4	824.7	16QAM	6	LOW	1.086	1.243	No limit
5	1.4	836.5	QPSK	6	LOW	1.081	1.243	No limit
5	1.4	836.5	16QAM	6	LOW	1.086	1.26	No limit
5	1.4	848.3	QPSK	6	LOW	1.086	1.263	No limit
5	1.4	848.3	16QAM	6	LOW	1.078	1.226	No limit
5	3	825.5	QPSK	15	LOW	2.688	2.886	No limit
5	3	825.5	16QAM	15	LOW	2.676	2.898	No limit
5	3	836.5	QPSK	15	LOW	2.688	2.886	No limit
5	3	836.5	16QAM	15	LOW	2.682	2.88	No limit
5	3	847.5	QPSK	15	LOW	2.682	2.898	No limit
5	3	847.5	16QAM	15	LOW	2.682	2.88	No limit
5	5	826.5	QPSK	25	LOW	4.47	4.85	No limit
5	5	826.5	16QAM	25	LOW	4.47	4.82	No limit
5	5	836.5	QPSK	25	LOW	4.48	4.85	No limit
5	5	836.5	16QAM	25	LOW	4.48	4.85	No limit
5	5	846.5	QPSK	25	LOW	4.47	4.84	No limit
5	5	846.5	16QAM	25	LOW	4.48	4.9	No limit
5	10	829	QPSK	50	LOW	8.92	9.52	No limit
5	10	836.5	QPSK	50	LOW	8.92	9.54	No limit
5	10	844	QPSK	50	LOW	8.94	9.6	No limit



Test Graphs

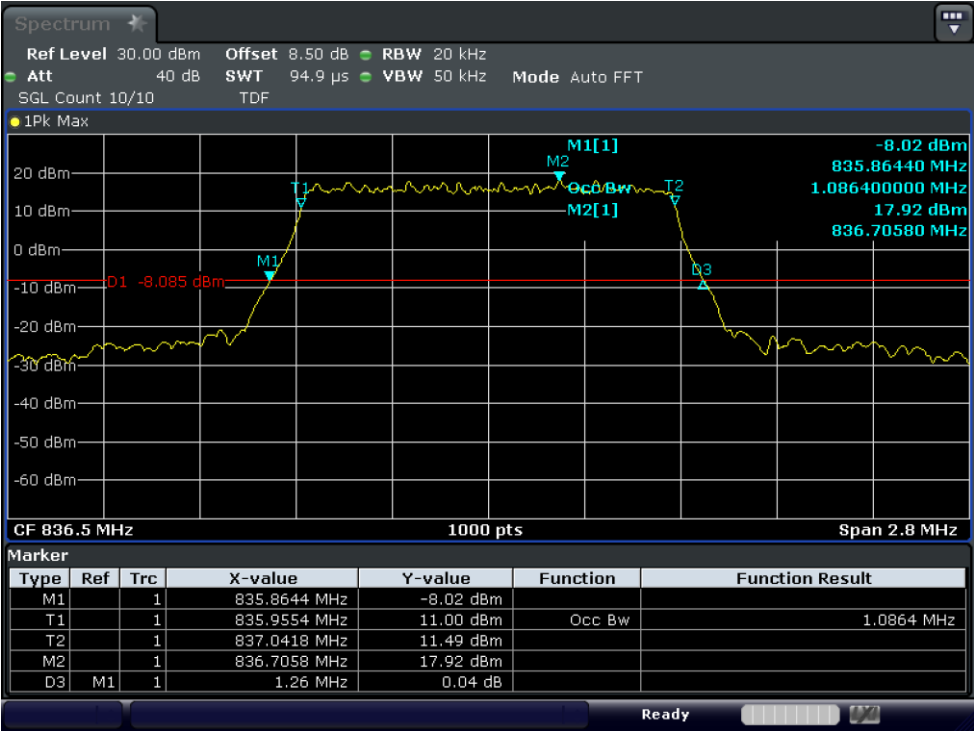


Test_Graph_band5_824.7MHz_1.4M_16QAM_6RB#LOW_OBW&EBW

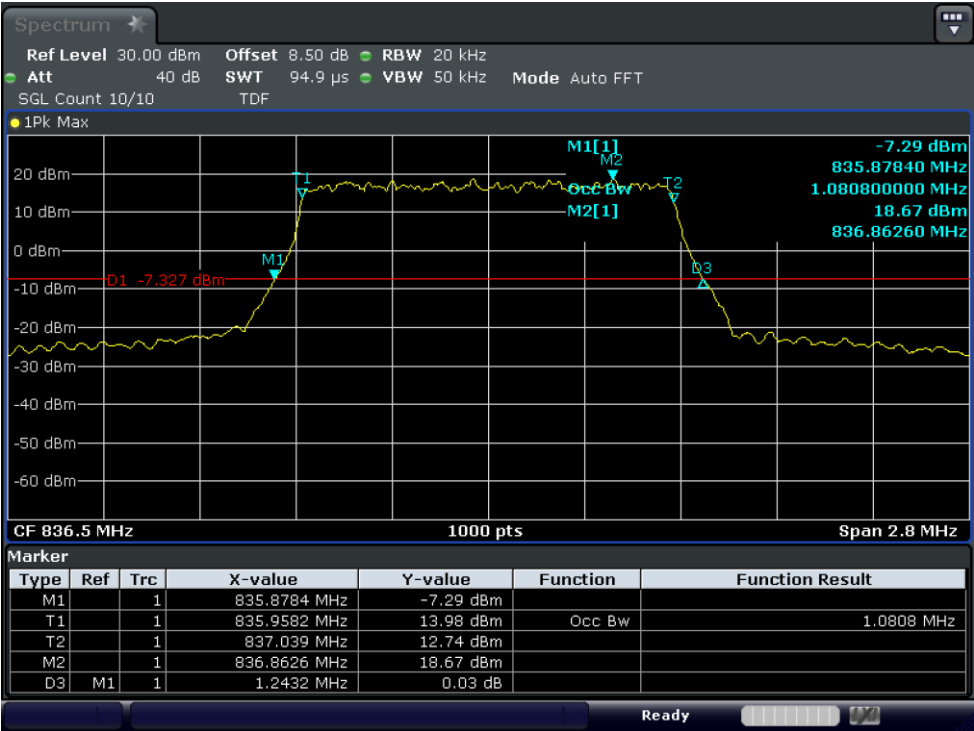


Test_Graph_band5_824.7MHz_1.4M_QPSK_6RB#LOW_OBW&EBW



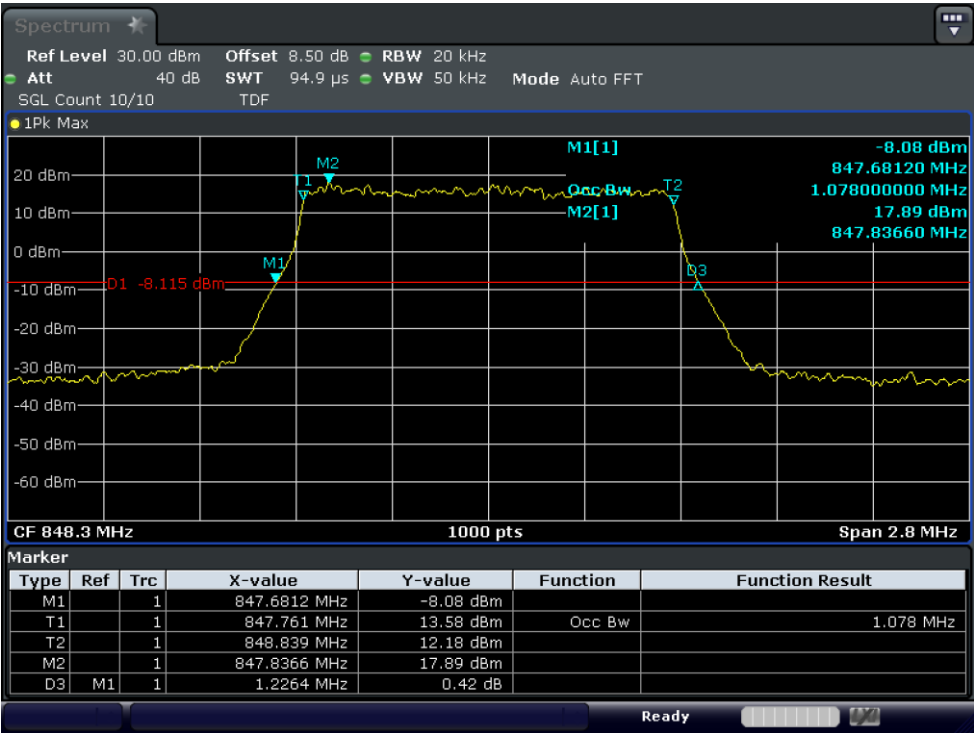


Test_Graph_band5_836.5MHz_1.4M_16QAM_6RB#LOW_OBW&EBW

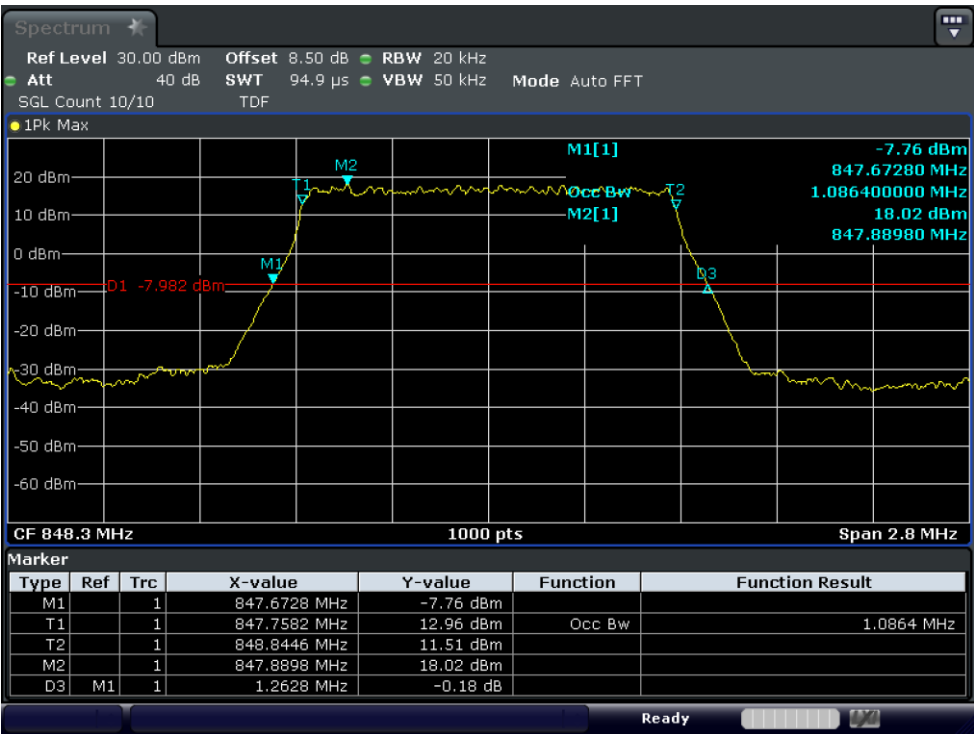


Test_Graph_band5_836.5MHz_1.4M_QPSK_6RB#LOW_OBW&EBW

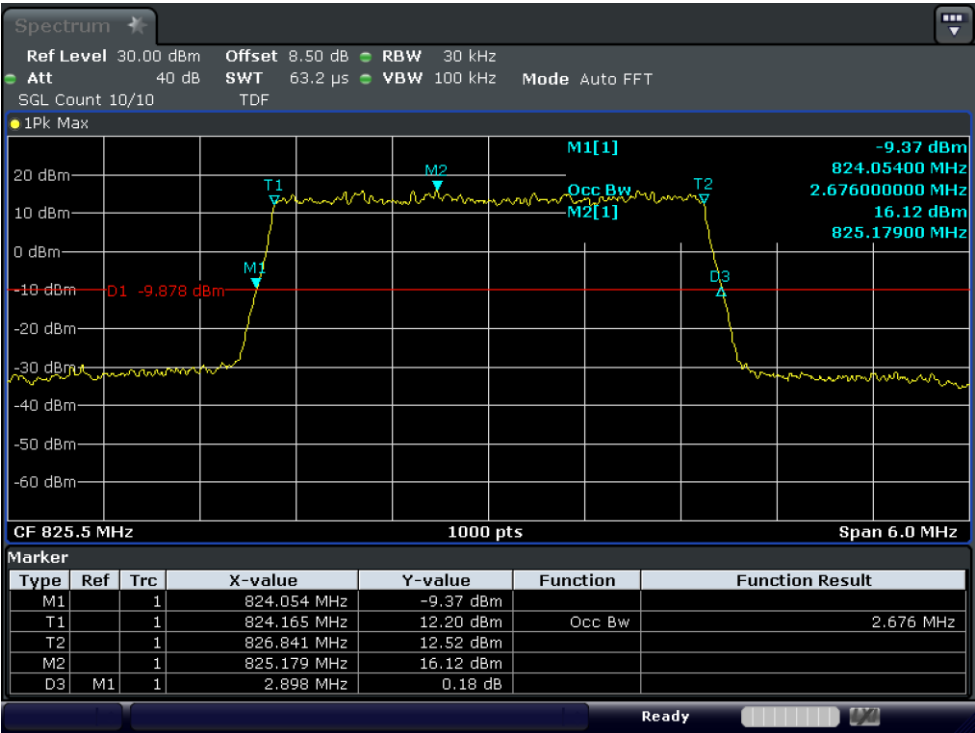




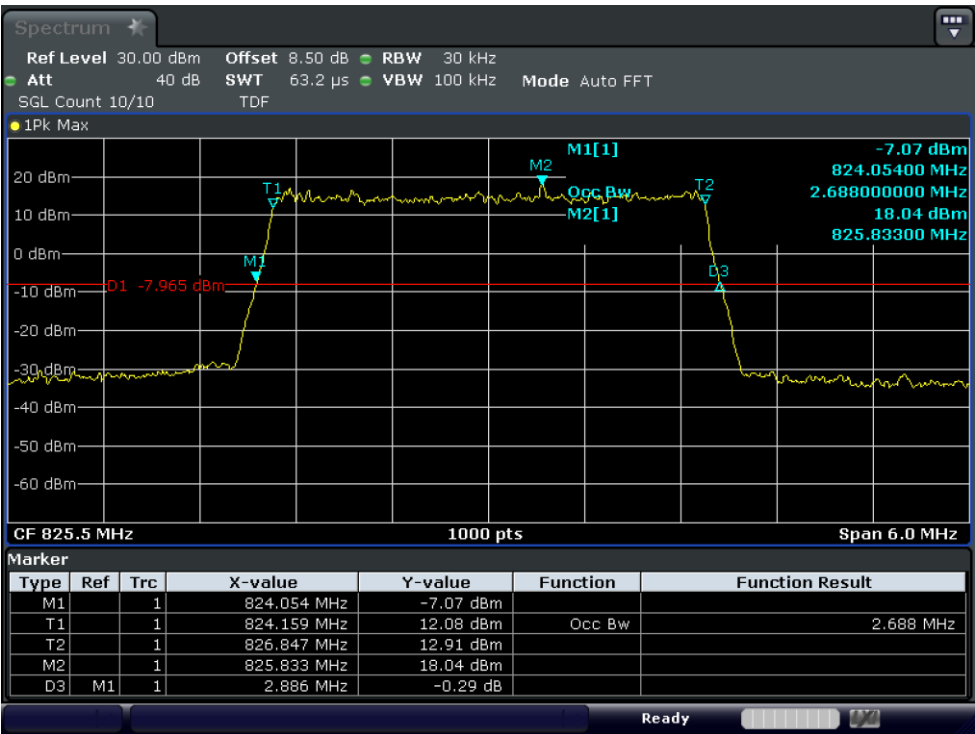
Test_Graph_band5_848.3MHz_1.4M_16QAM_6RB#LOW_OBW&EBW



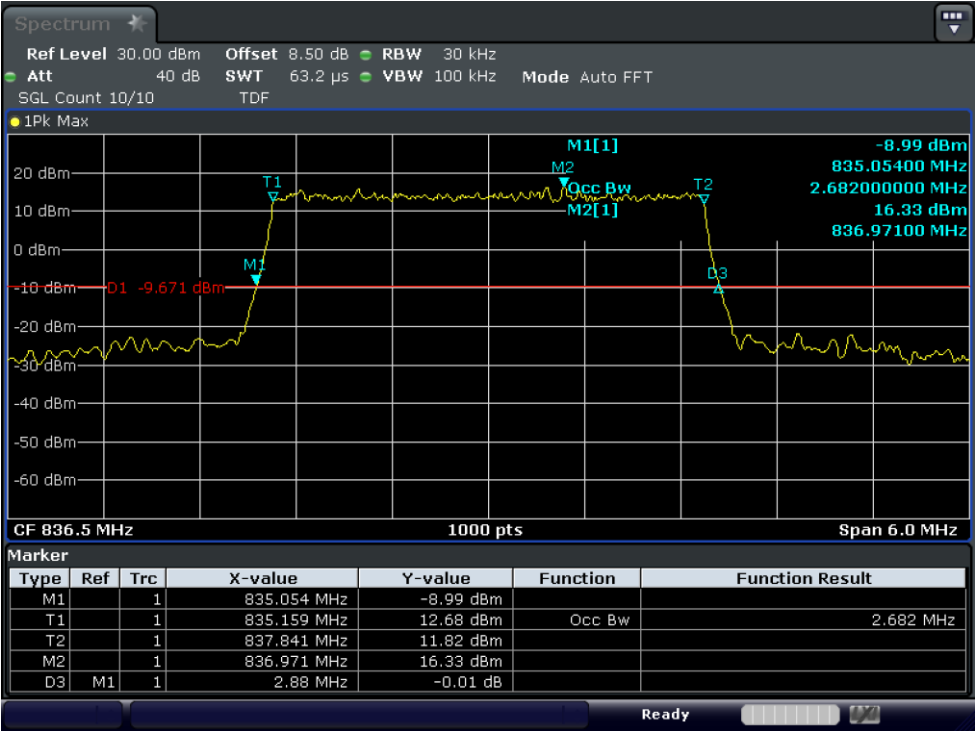
Test_Graph_band5_848.3MHz_1.4M_QPSK_6RB#LOW_OBW&EBW



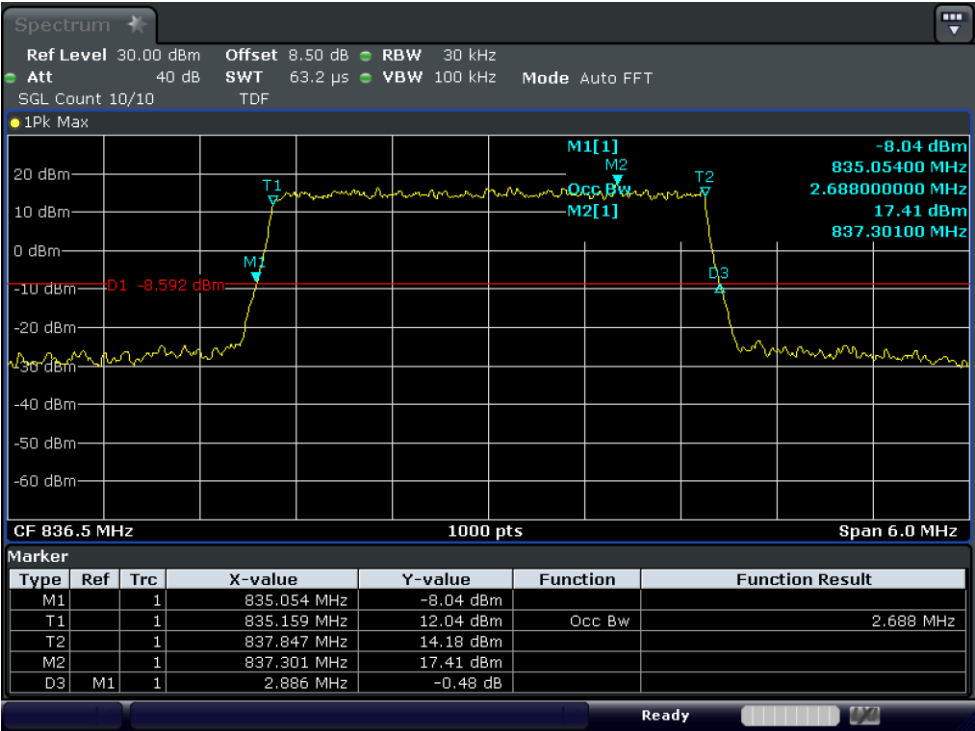
Test_Graph_band5_825.5MHz_3M_16QAM_15RB#LOW_OBW&EBW



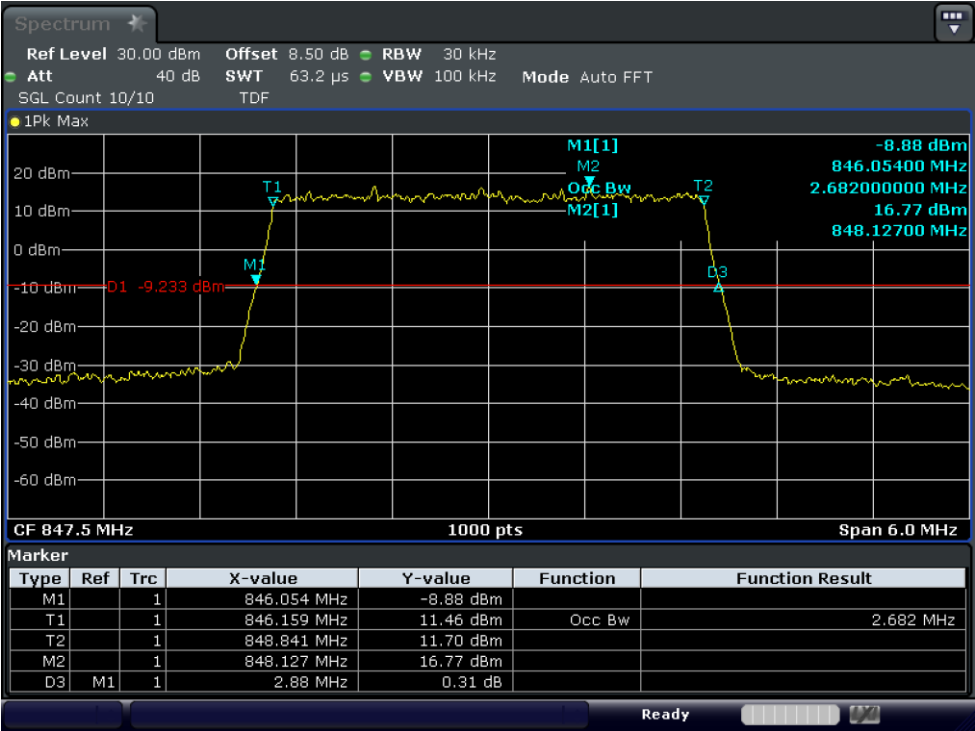
Test_Graph_band5_825.5MHz_3M_QPSK_15RB#LOW_OBW&EBW



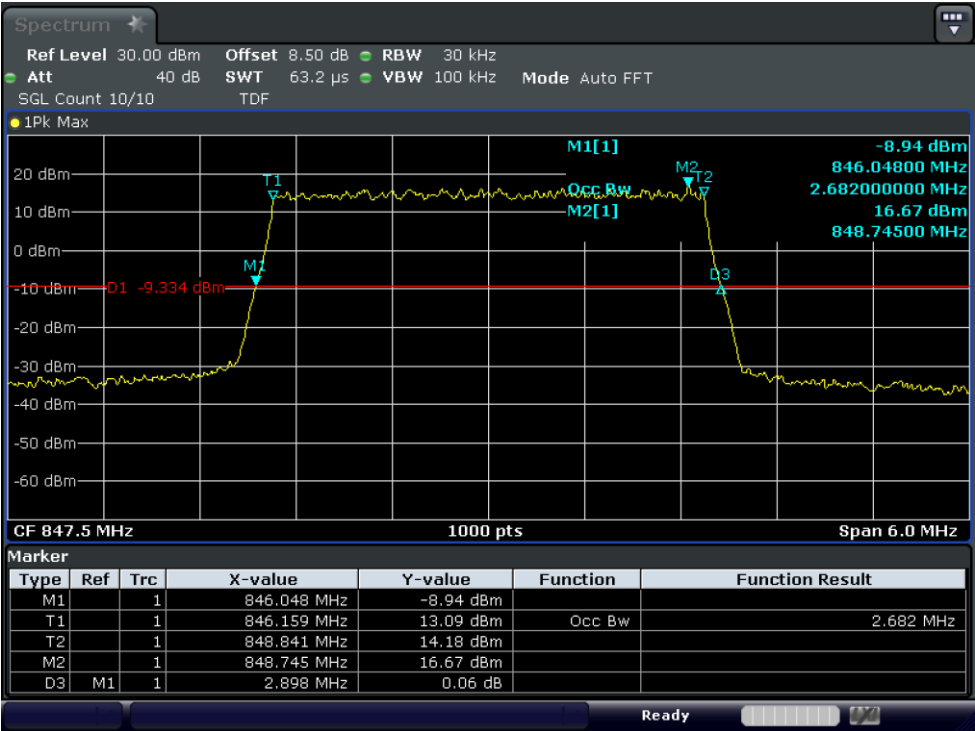
Test_Graph_band5_836.5MHz_3M_16QAM_15RB#LOW_OBW&EBW



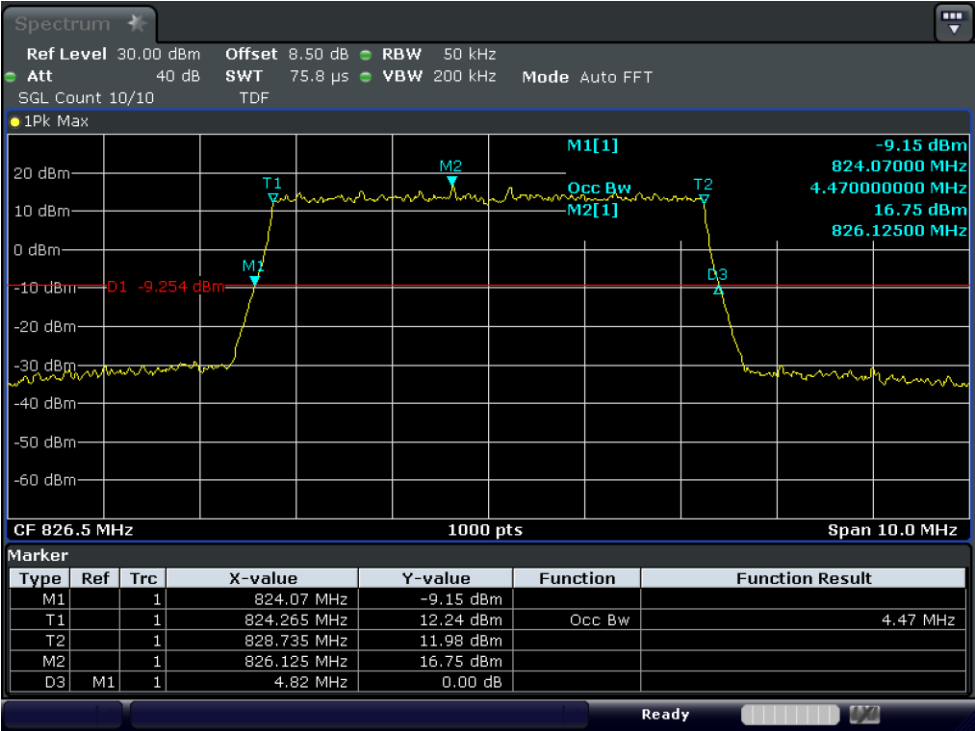
Test_Graph_band5_836.5MHz_3M_QPSK_15RB#LOW_OBW&EBW



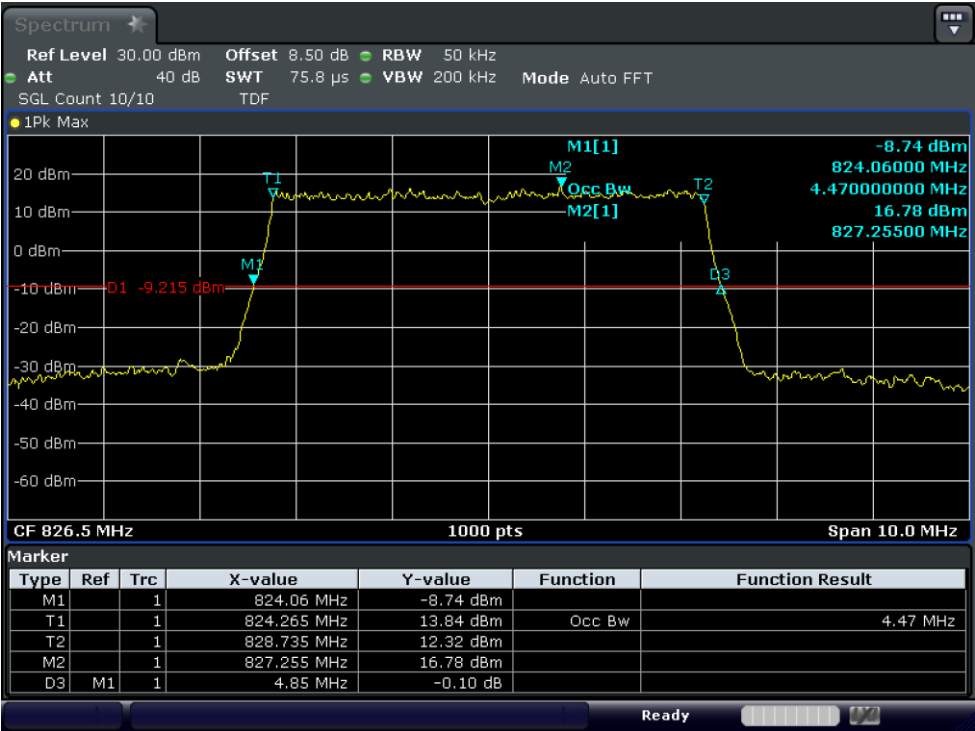
Test_Graph_band5_847.5MHz_3M_16QAM_15RB#LOW_OBW&EBW



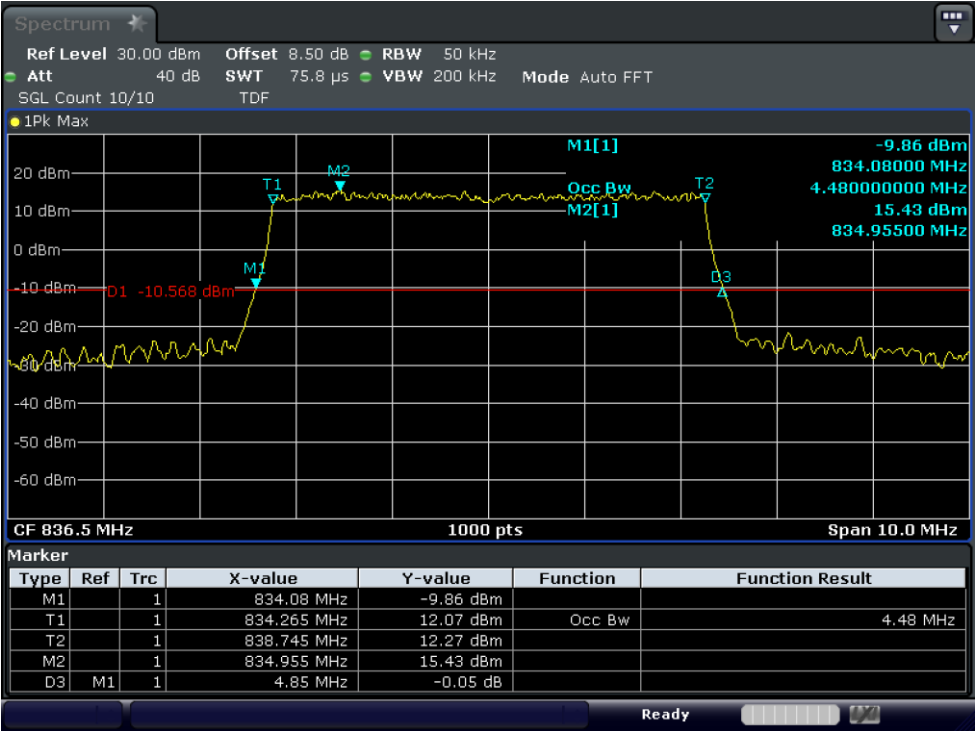
Test_Graph_band5_847.5MHz_3M_QPSK_15RB#LOW_OBW&EBW



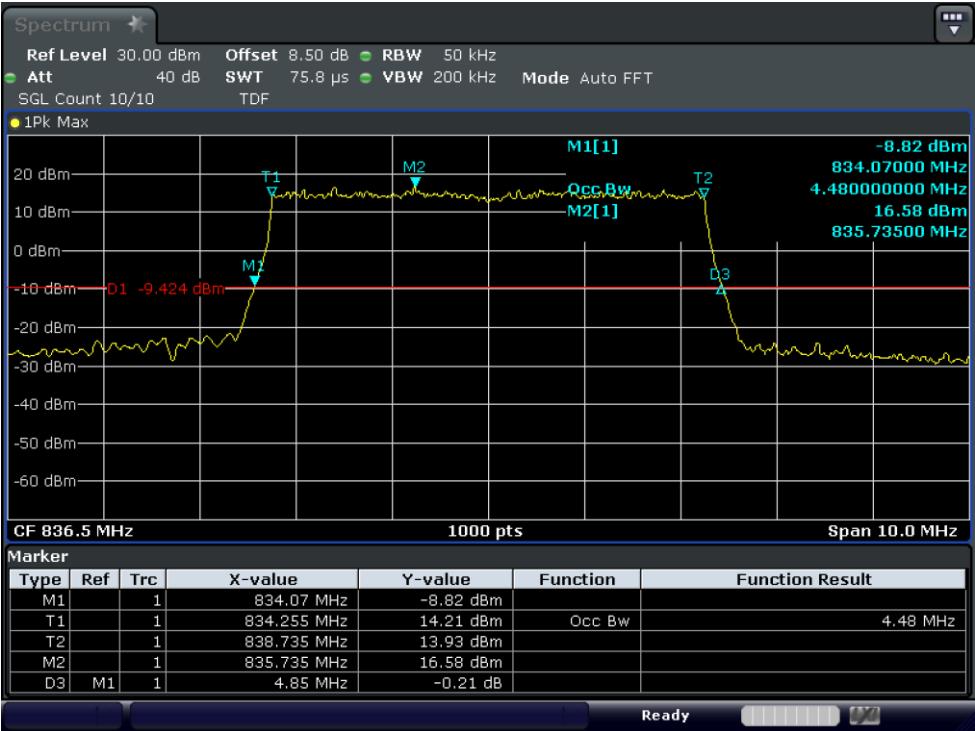
Test_Graph_band5_826.5MHz_5M_16QAM_25RB#LOW_OBW&EBW



Test_Graph_band5_826.5MHz_5M_QPSK_25RB#LOW_OBW&EBW

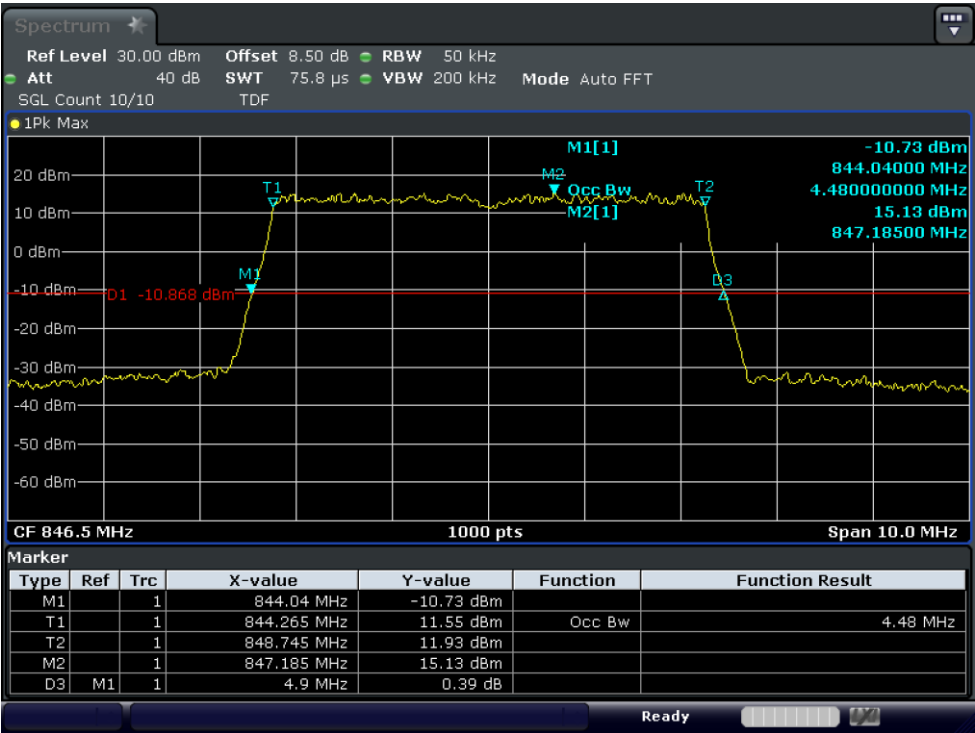


Test_Graph_band5_836.5MHz_5M_16QAM_25RB#LOW_OBW&EBW

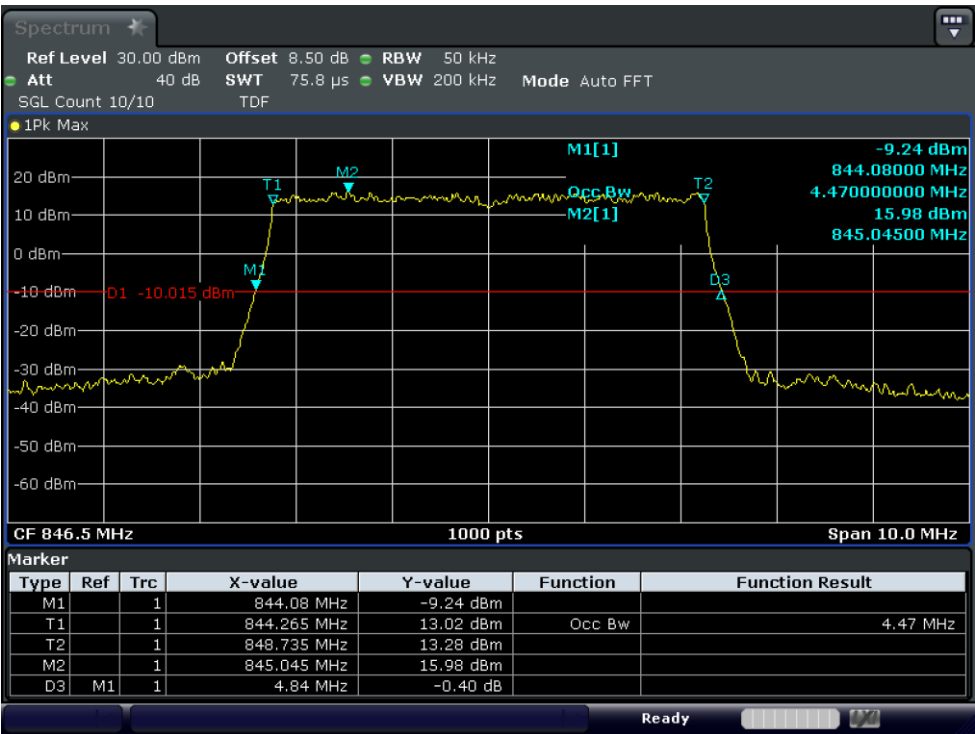


Test_Graph_band5_836.5MHz_5M_QPSK_25RB#LOW_OBW&EBW

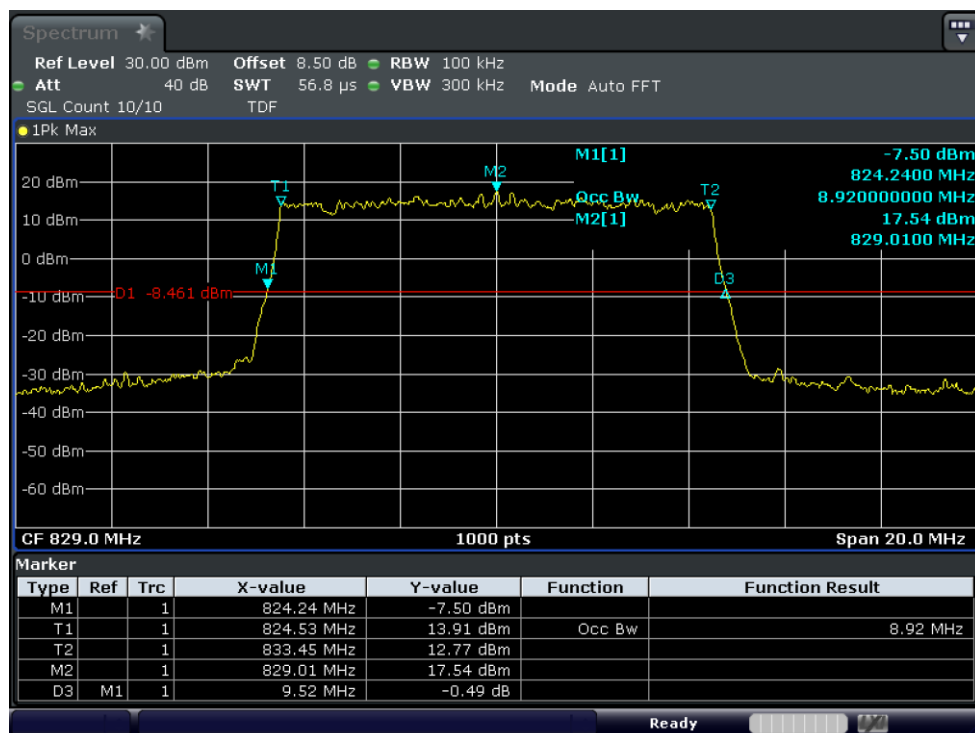




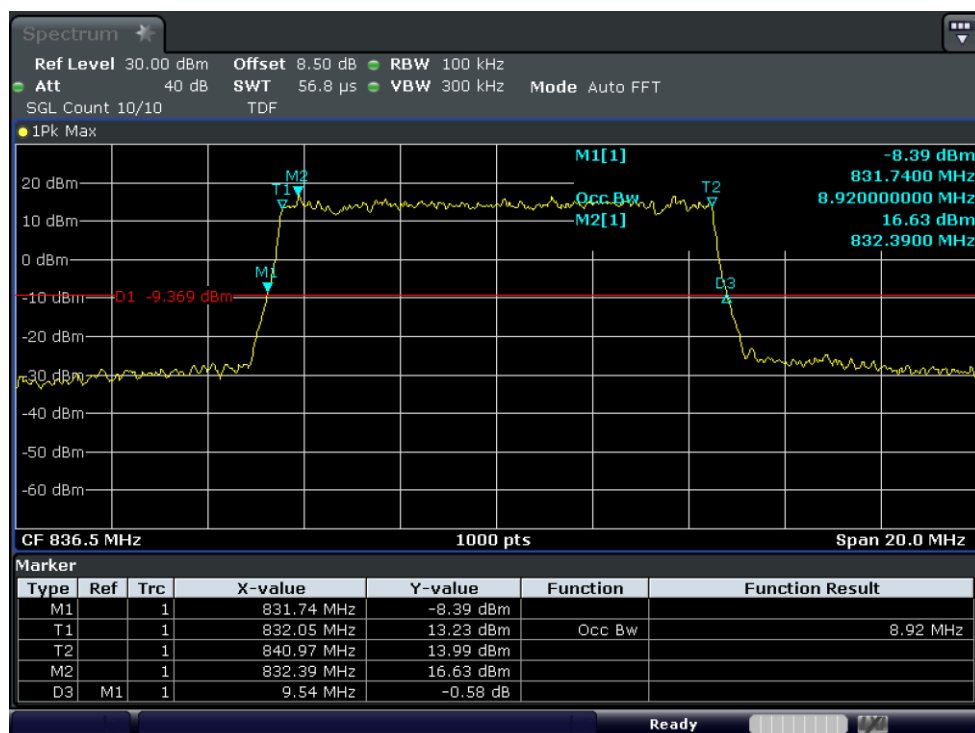
Test_Graph_band5_846.5MHz_5M_16QAM_25RB#LOW_OBW&EBW



Test_Graph_band5_846.5MHz_5M_QPSK_25RB#LOW_OBW&EBW

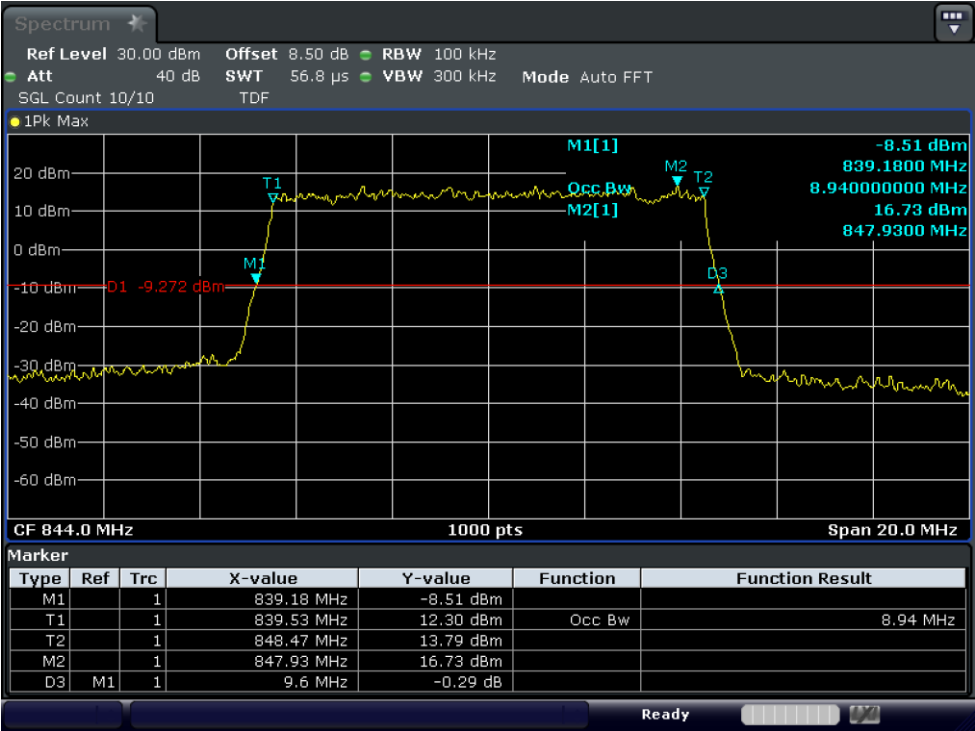


Test_Graph_band5_829MHz_10M_QPSK_50RB#LOW_OBW&EBW



Test_Graph_band5_836.5MHz_10M_QPSK_50RB#LOW_OBW&EBW





Test_Graph_band5_844MHz_10M_QPSK_50RB#LOW_OBW&EBW

Appendix C: Band edge emissions

Test Result

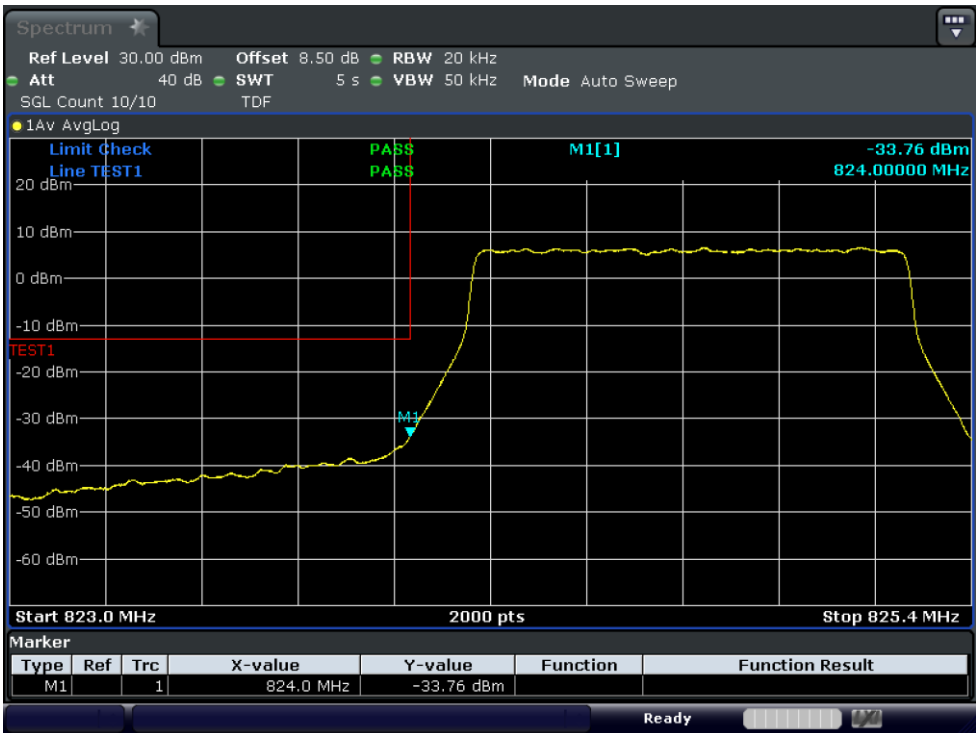
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
5	1.4	824.7	QPSK	1	LOW	Pass
5	1.4	824.7	QPSK	6	LOW	Pass
5	1.4	824.7	16QAM	1	LOW	Pass
5	1.4	824.7	16QAM	6	LOW	Pass
5	1.4	848.3	QPSK	1	HIGH	Pass
5	1.4	848.3	QPSK	6	LOW	Pass
5	1.4	848.3	16QAM	1	HIGH	Pass
5	1.4	848.3	16QAM	6	LOW	Pass
5	3	825.5	QPSK	1	LOW	Pass
5	3	825.5	QPSK	15	LOW	Pass
5	3	825.5	16QAM	1	LOW	Pass
5	3	825.5	16QAM	15	LOW	Pass
5	3	847.5	QPSK	1	HIGH	Pass
5	3	847.5	QPSK	15	LOW	Pass
5	3	847.5	16QAM	1	HIGH	Pass
5	3	847.5	16QAM	15	LOW	Pass
5	5	826.5	QPSK	1	LOW	Pass
5	5	826.5	QPSK	25	LOW	Pass
5	5	826.5	16QAM	1	LOW	Pass
5	5	826.5	16QAM	25	LOW	Pass
5	5	846.5	QPSK	1	HIGH	Pass
5	5	846.5	QPSK	25	LOW	Pass
5	5	846.5	16QAM	1	HIGH	Pass
5	5	846.5	16QAM	25	LOW	Pass
5	10	829	QPSK	1	LOW	Pass
5	10	829	QPSK	50	LOW	Pass
5	10	829	16QAM	1	LOW	Pass
5	10	844	QPSK	1	HIGH	Pass
5	10	844	QPSK	50	LOW	Pass
5	10	844	16QAM	1	HIGH	Pass



Test Graphs



Test_Graph_band5_824.7MHz_1.4M_16QAM_1RB#LOW_Band edge

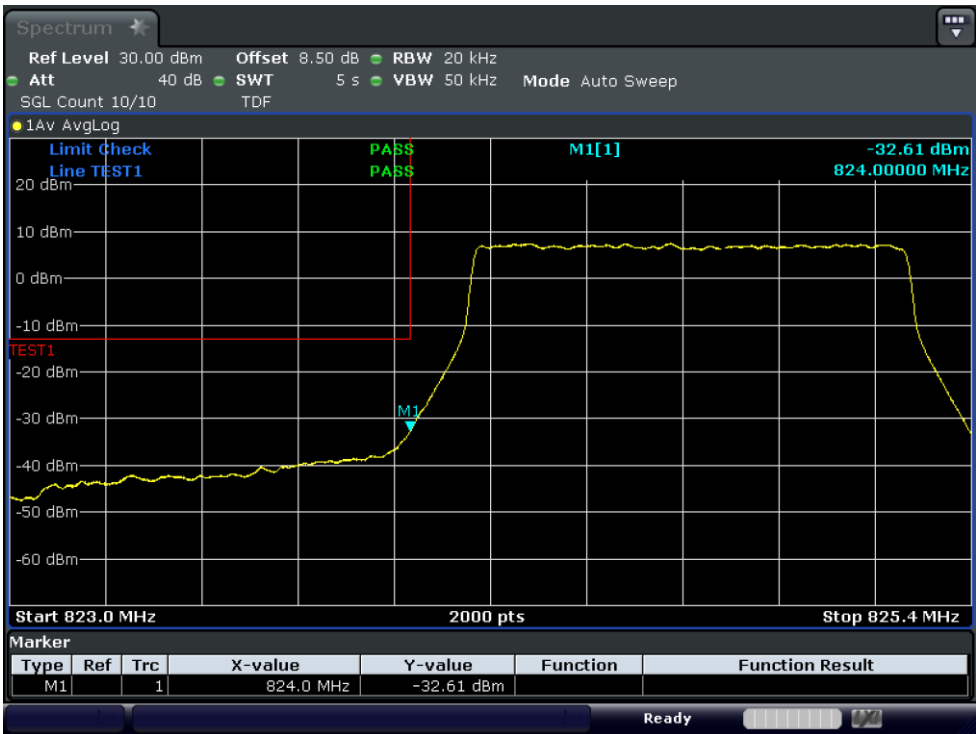


Test_Graph_band5_824.7MHz_1.4M_16QAM_6RB#LOW_Band edge





Test_Graph_band5_824.7MHz_1.4M_QPSK_1RB#LOW_Band edge

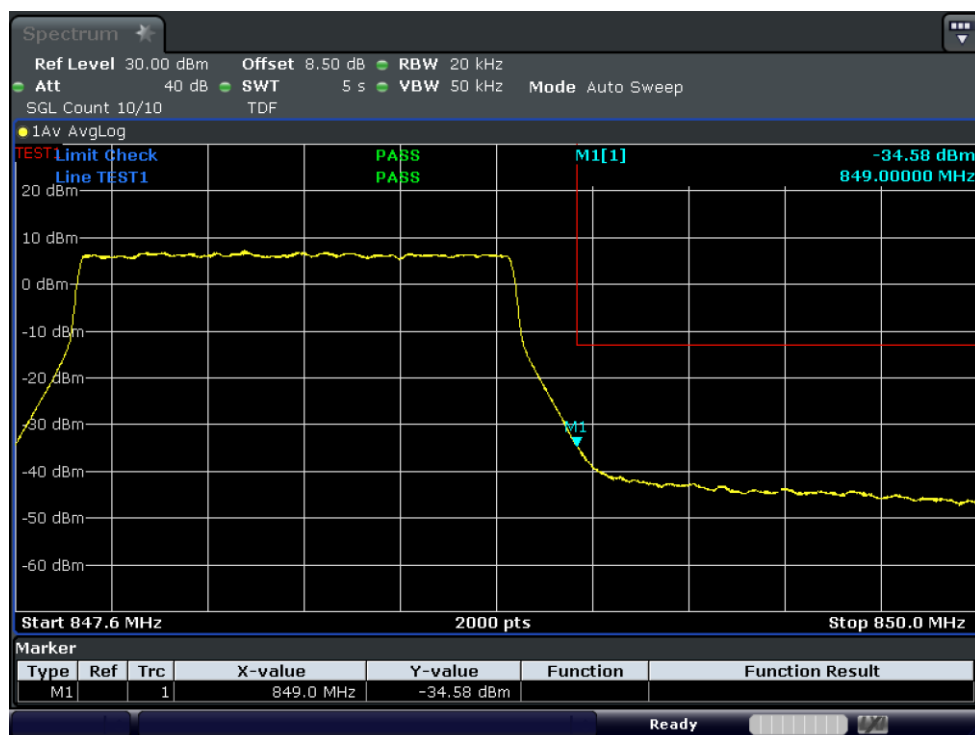


Test_Graph_band5_824.7MHz_1.4M_QPSK_6RB#LOW_Band edge





Test_Graph_band5_848.3MHz_1.4M_16QAM_1RB#HIGH_Band edge

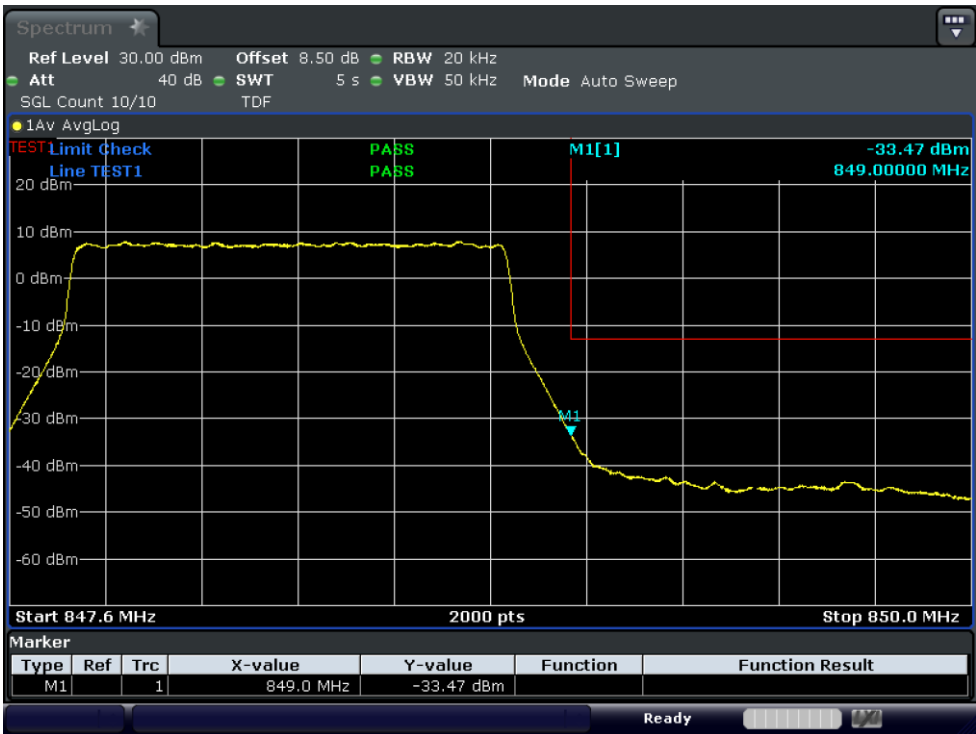


Test_Graph_band5_848.3MHz_1.4M_16QAM_6RB#LOW_Band edge



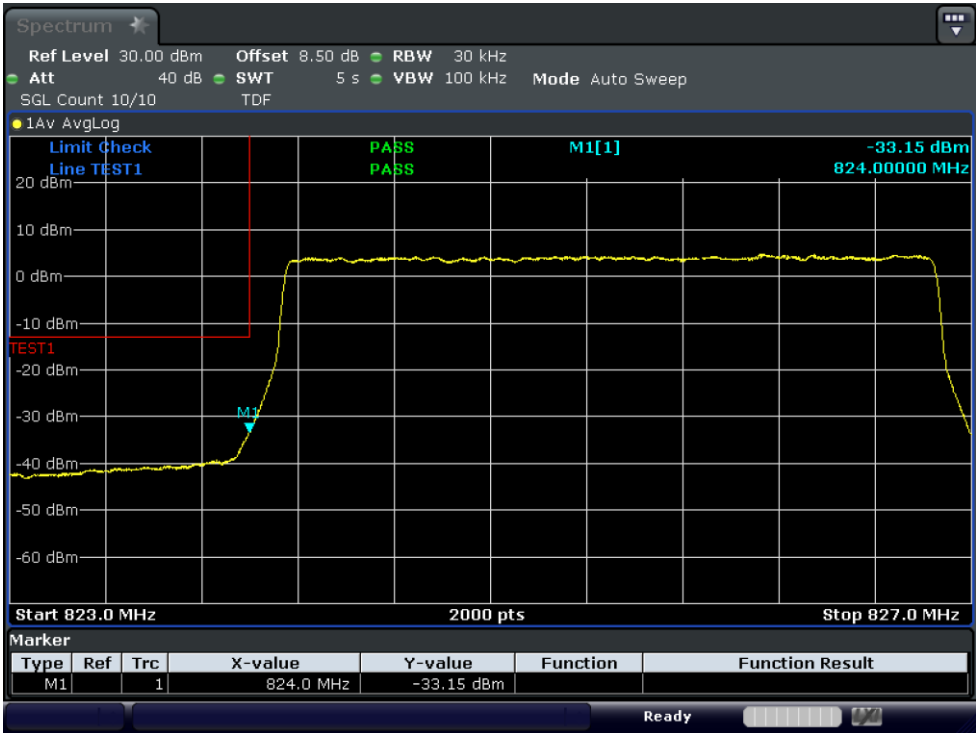


Test_Graph_band5_848.3MHz_1.4M_QPSK_1RB#HIGH_Band edge

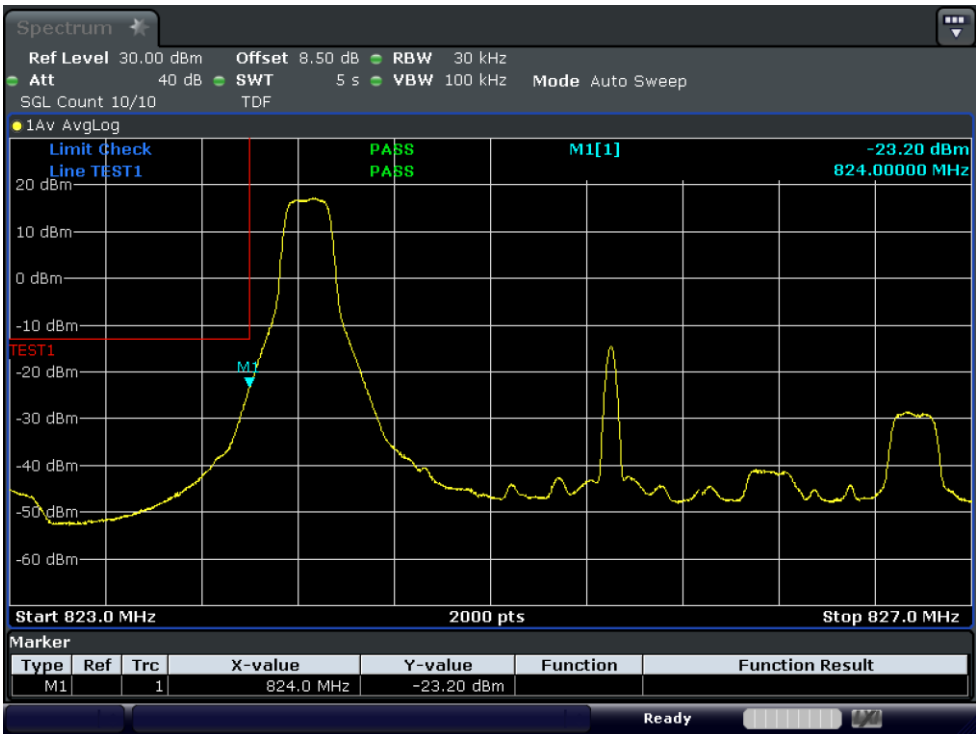


Test_Graph_band5_848.3MHz_1.4M_QPSK_6RB#LOW_Band edge

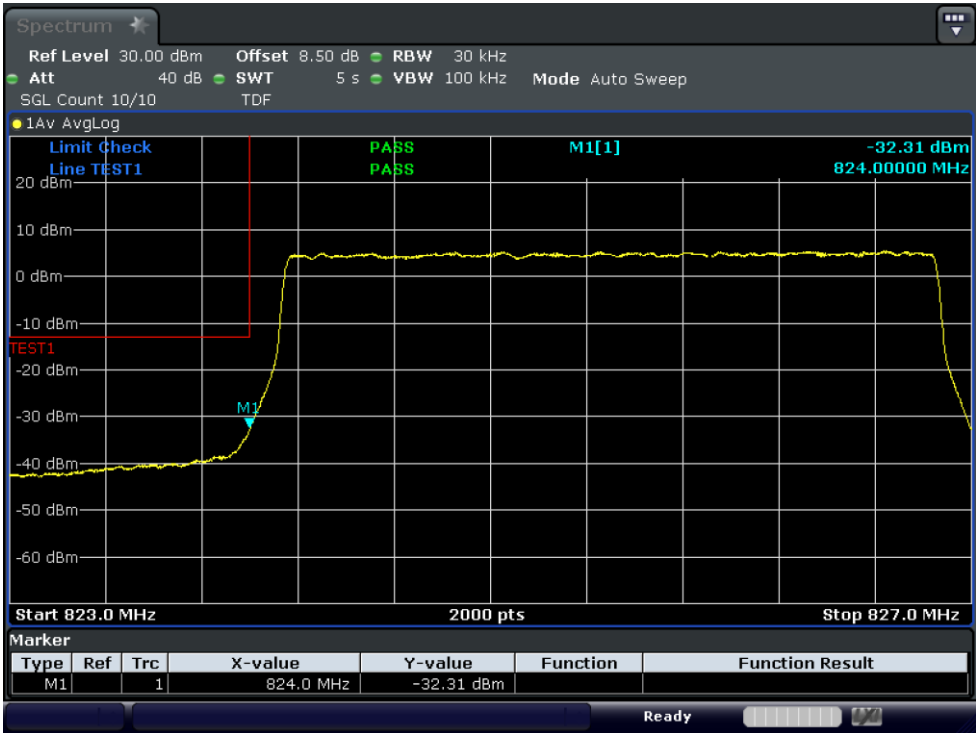




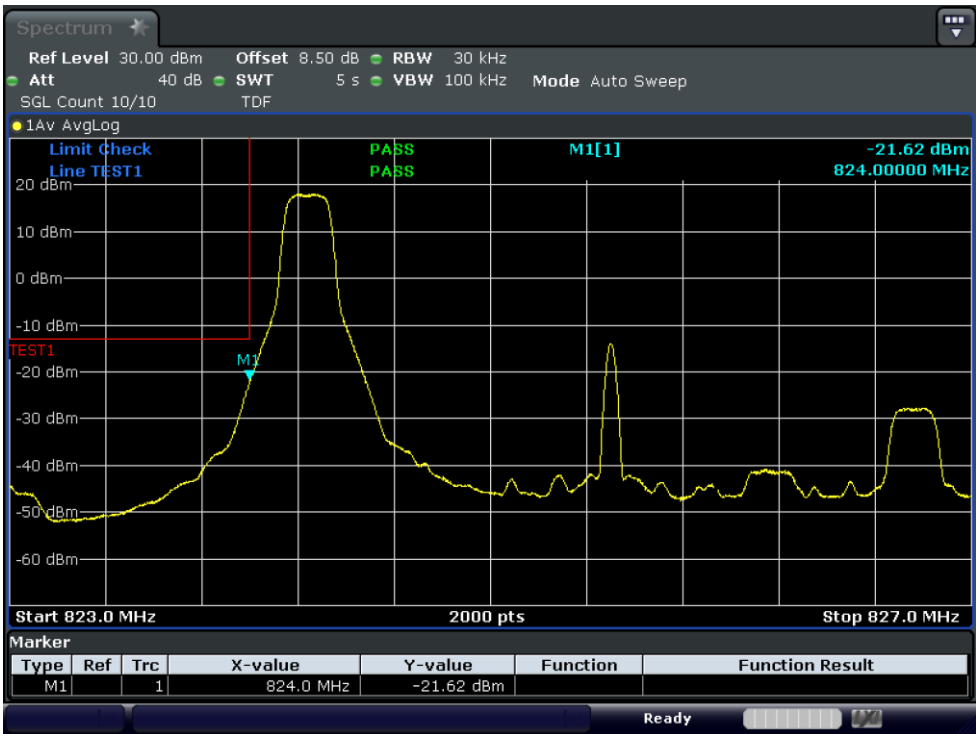
Test_Graph_band5_825.5MHz_3M_16QAM_15RB#LOW_Band edge



Test_Graph_band5_825.5MHz_3M_16QAM_1RB#LOW_Band edge

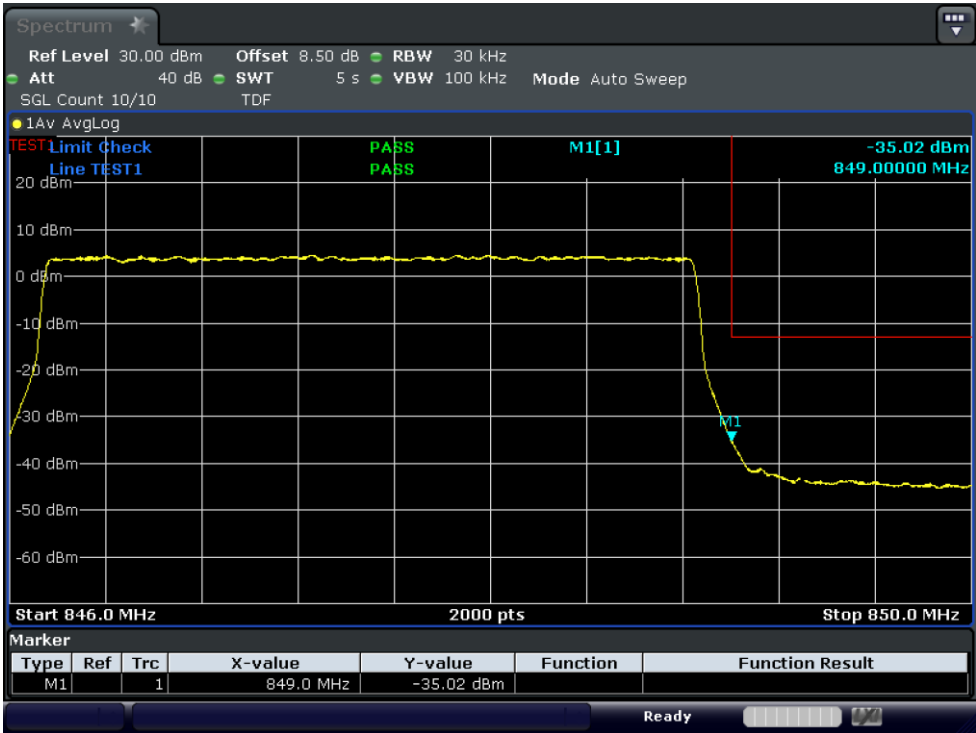


Test_Graph_band5_825.5MHz_3M_QPSK_15RB#LOW_Band edge



Test_Graph_band5_825.5MHz_3M_QPSK_1RB#LOW_Band edge





Test_Graph_band5_847.5MHz_3M_16QAM_15RB#LOW_Band edge



Test_Graph_band5_847.5MHz_3M_16QAM_1RB#HIGH_Band edge



Test_Graph_band5_847.5MHz_3M_QPSK_15RB#LOW_Band edge

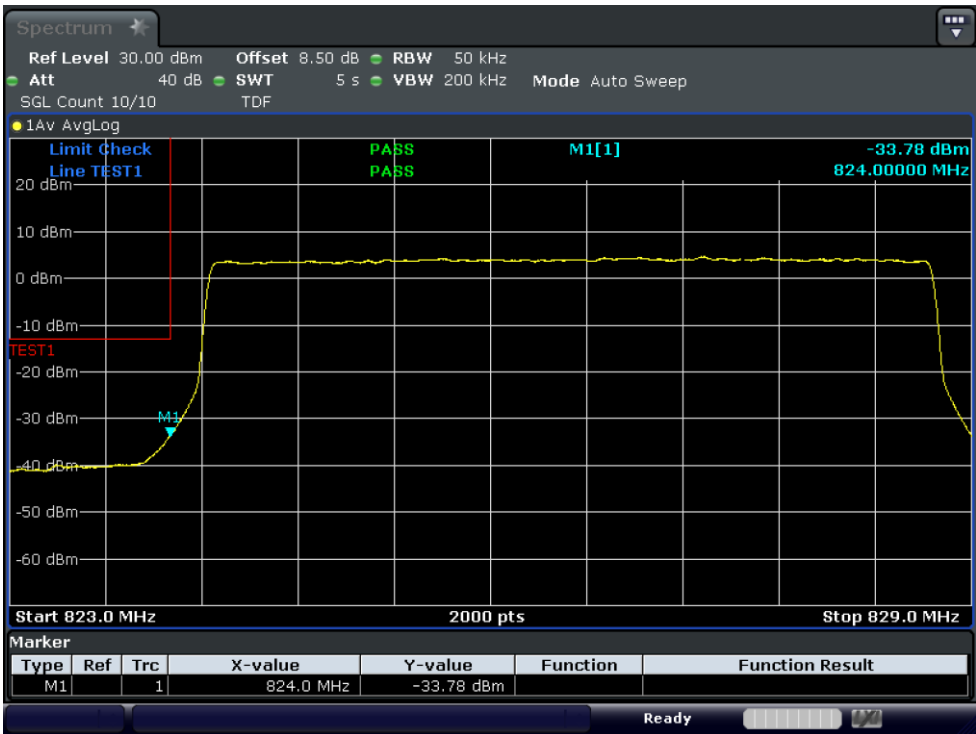


Test_Graph_band5_847.5MHz_3M_QPSK_1RB#HIGH_Band edge





Test_Graph_band5_826.5MHz_5M_16QAM_1RB#LOW_Band edge

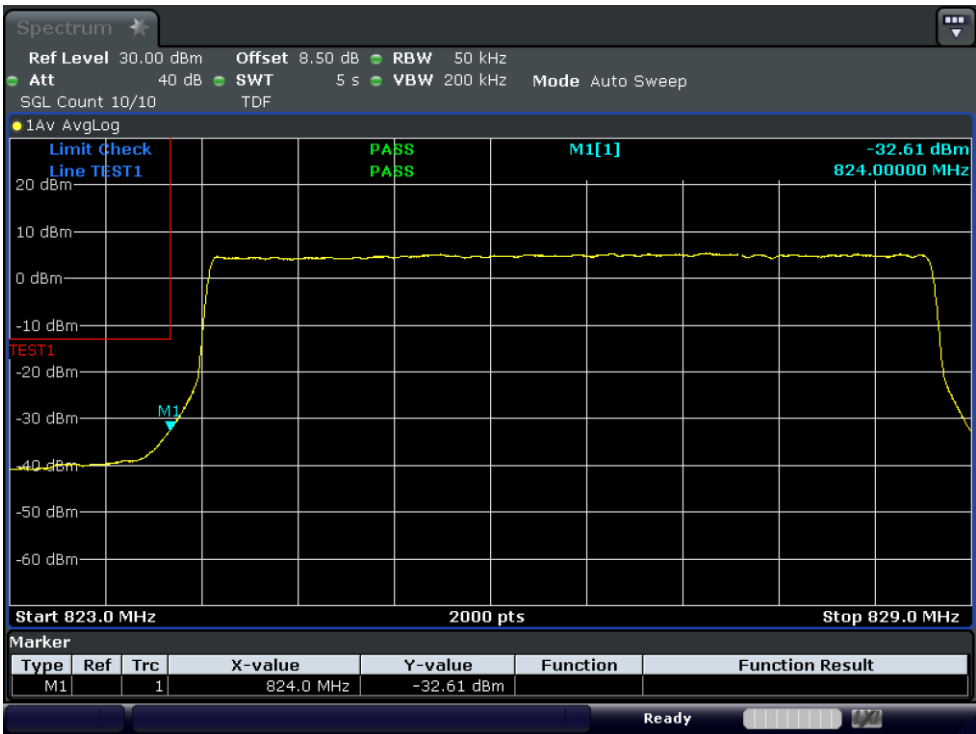


Test_Graph_band5_826.5MHz_5M_16QAM_25RB#LOW_Band edge



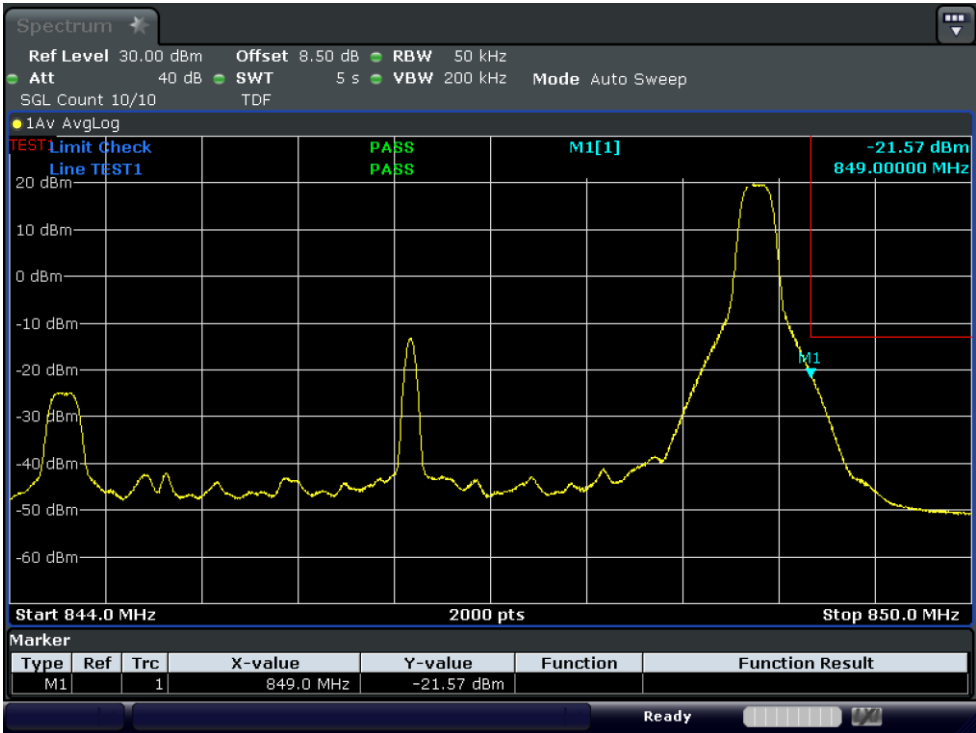


Test_Graph_band5_826.5MHz_5M_QPSK_1RB#LOW_Band edge

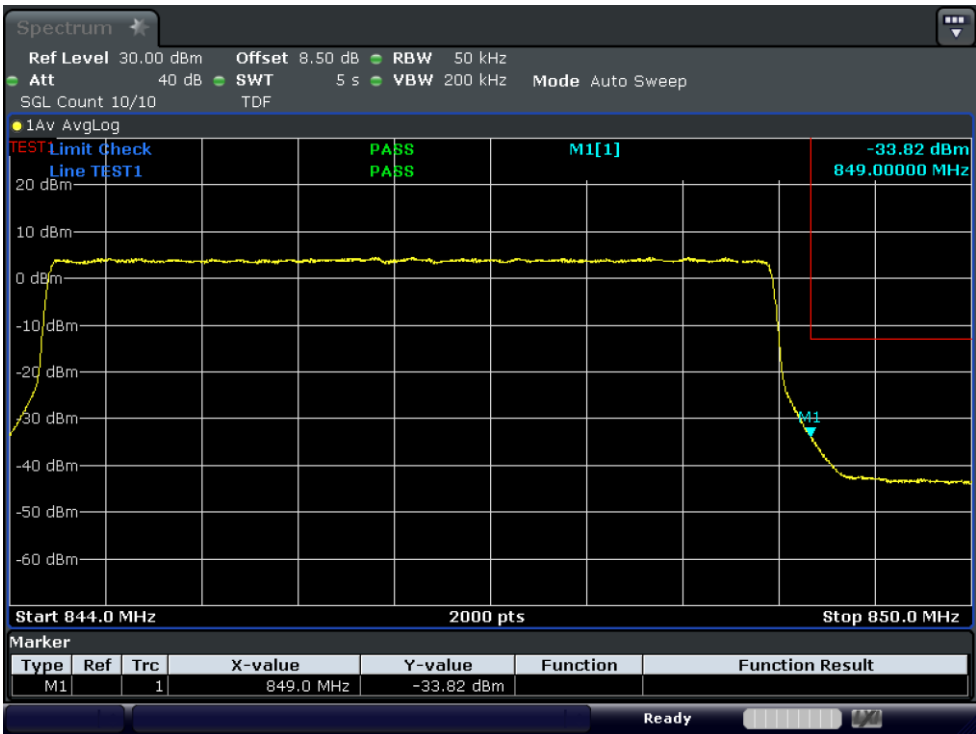


Test_Graph_band5_826.5MHz_5M_QPSK_25RB#LOW_Band edge

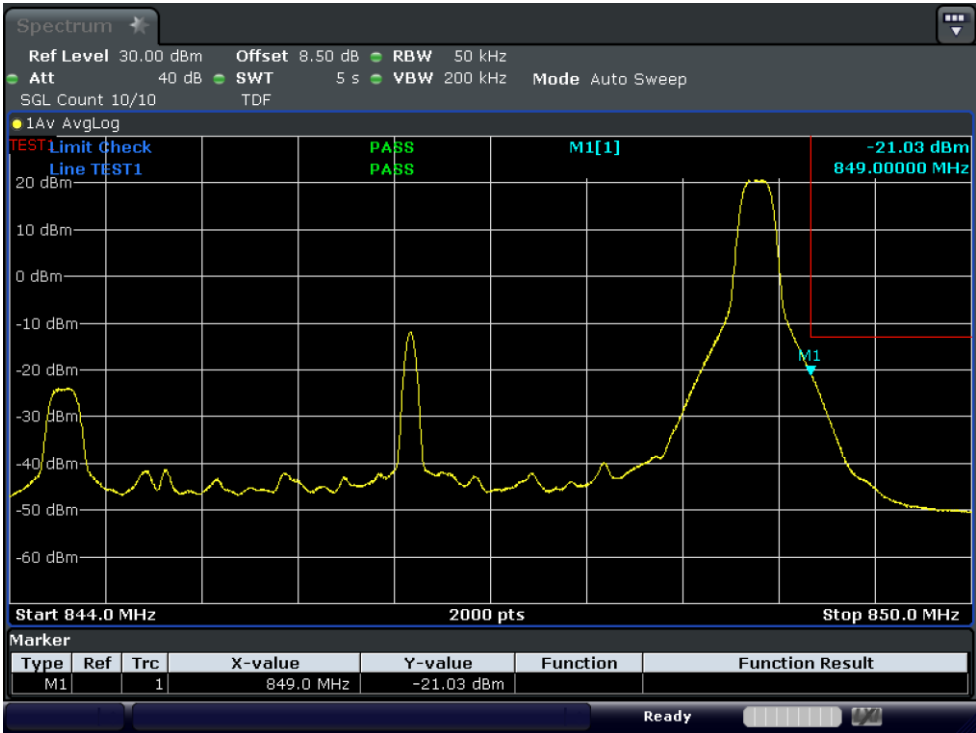




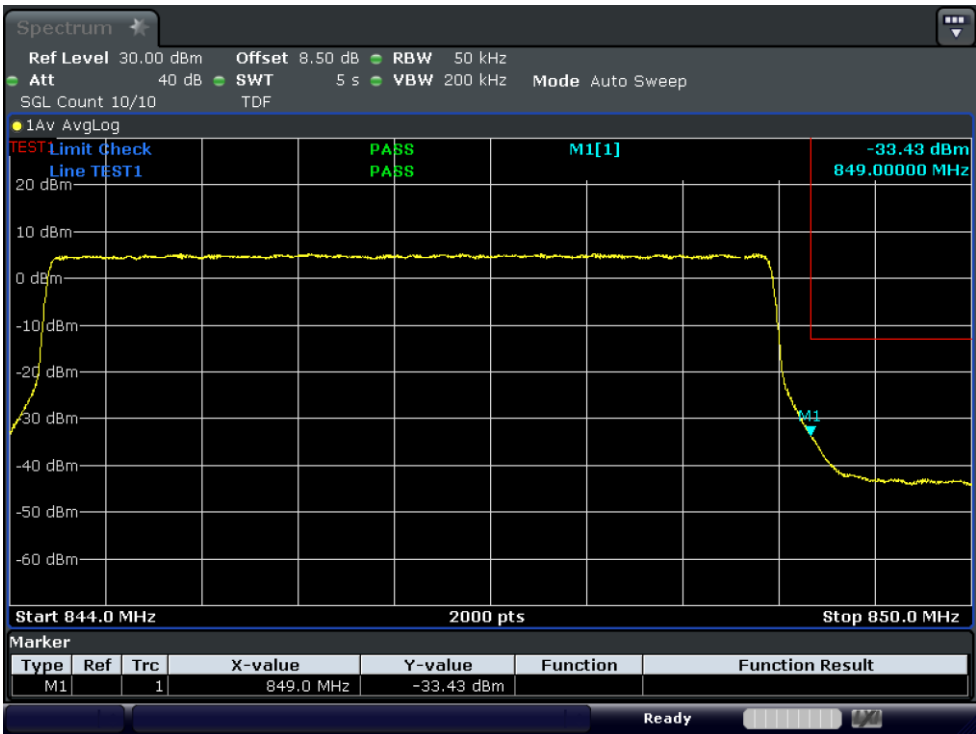
Test_Graph_band5_846.5MHz_5M_16QAM_1RB#HIGH_Band edge



Test_Graph_band5_846.5MHz_5M_16QAM_25RB#LOW_Band edge



Test_Graph_band5_846.5MHz_5M_QPSK_1RB#HIGH_Band edge



Test_Graph_band5_846.5MHz_5M_QPSK_25RB#LOW_Band edge

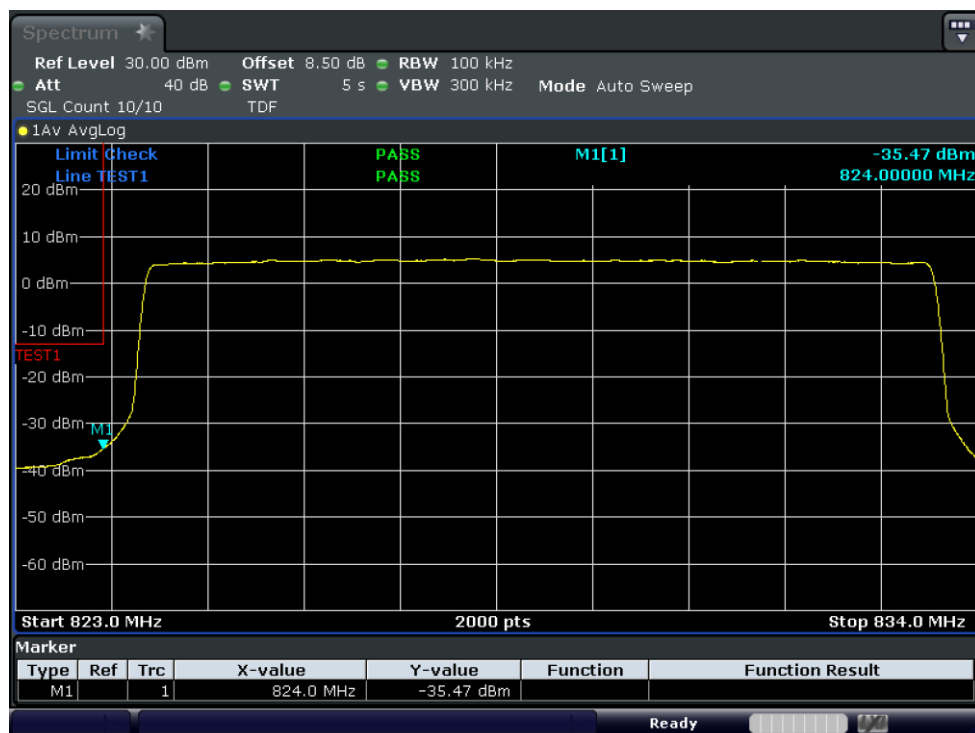




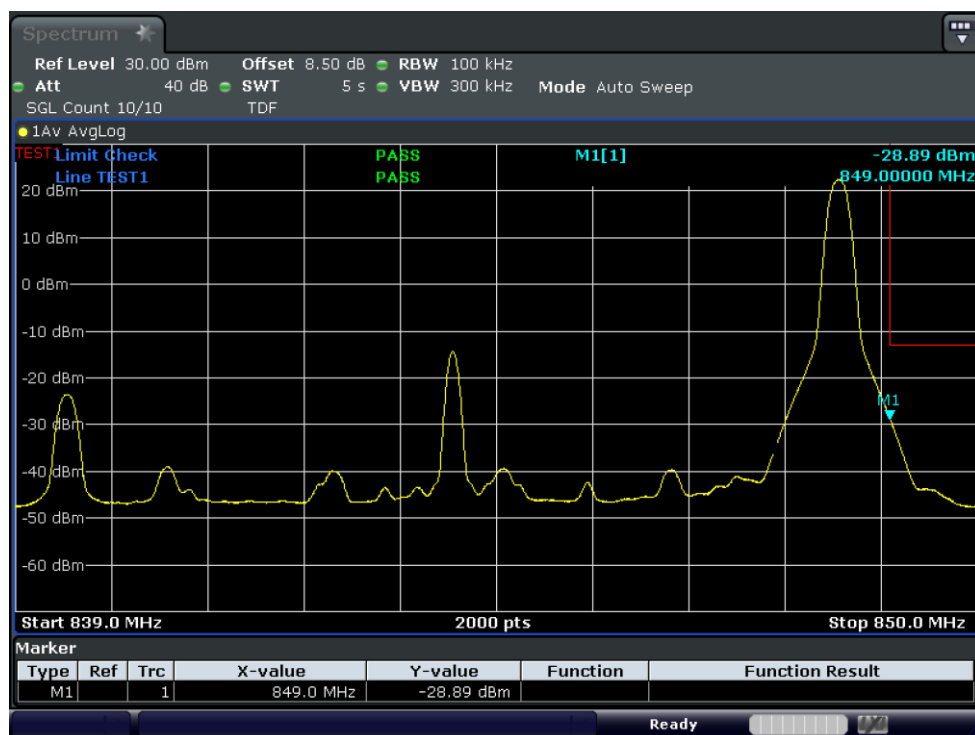
Test_Graph_band5_829MHz_10M_16QAM_1RB#LOW_Band edge



Test_Graph_band5_829MHz_10M_QPSK_1RB#LOW_Band edge

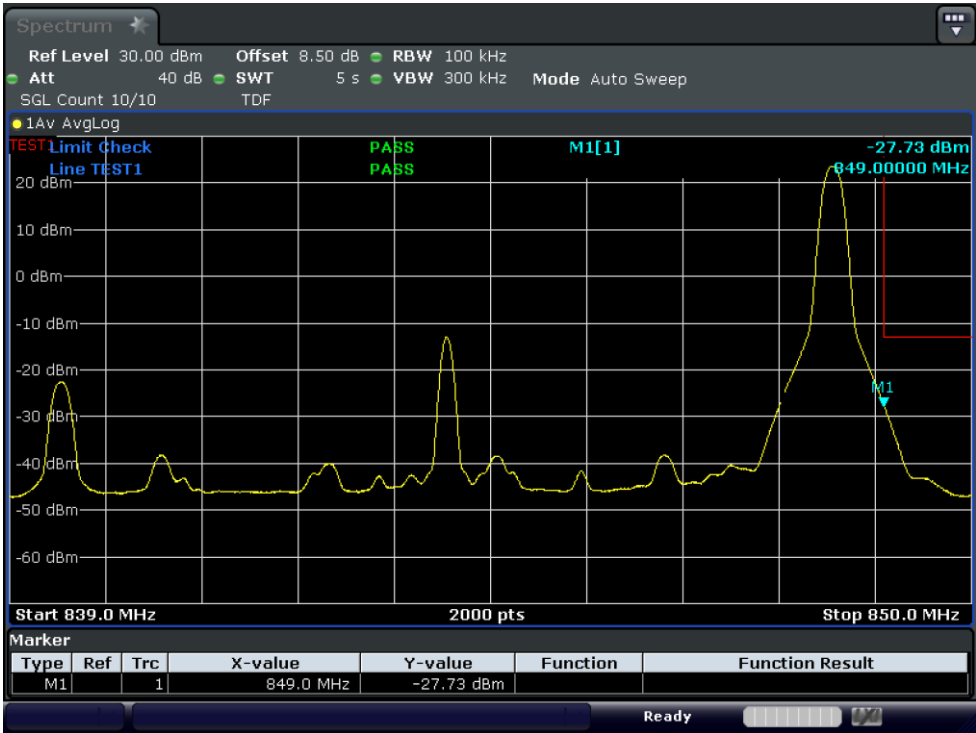


Test_Graph_band5_829MHz_10M_QPSK_50RB#LOW_Band edge

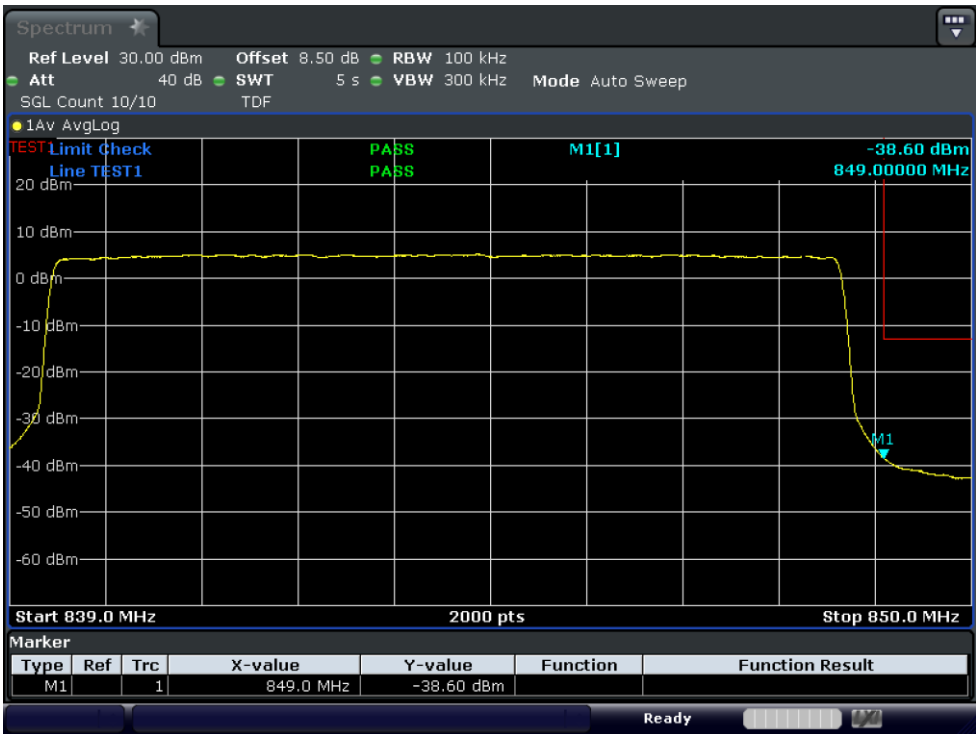


Test_Graph_band5_844MHz_10M_16QAM_1RB#HIGH_Band edge





Test_Graph_band5_844MHz_10M_QPSK_1RB#HIGH_Band edge



Test_Graph_band5_844MHz_10M_QPSK_50RB#LOW_Band edge



Appendix D: Unwanted spurious emissions at antenna terminals

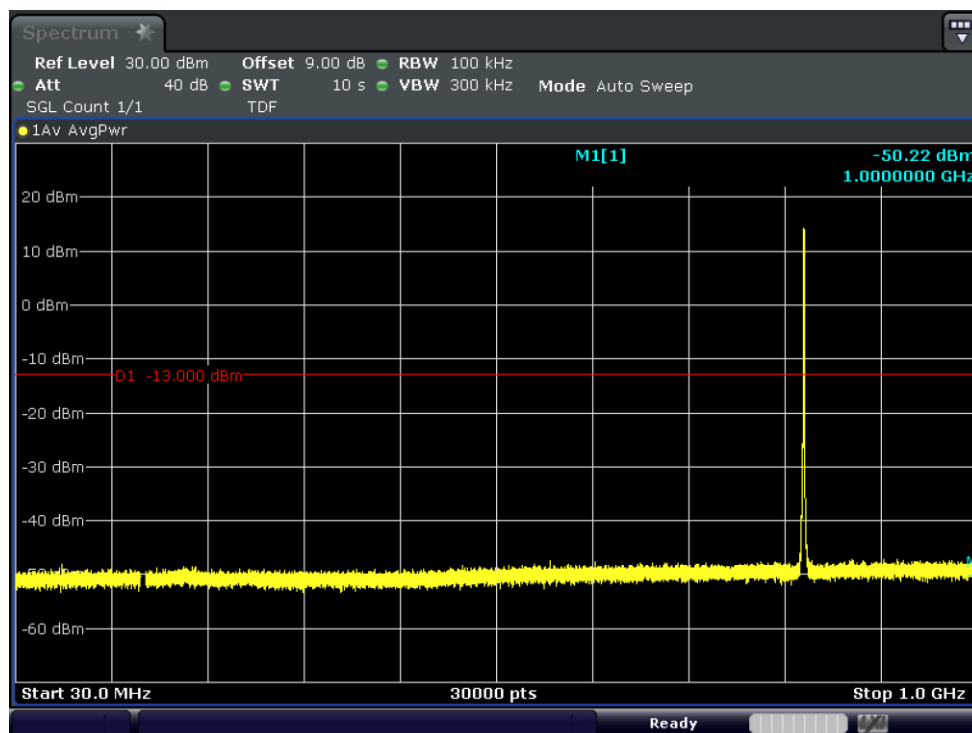
Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
5	1.4	824.7	QPSK	6	LOW	Pass
5	1.4	836.5	QPSK	6	LOW	Pass
5	1.4	848.3	QPSK	6	LOW	Pass
5	3	825.5	QPSK	15	LOW	Pass
5	3	836.5	QPSK	15	LOW	Pass
5	3	847.5	QPSK	15	LOW	Pass
5	5	826.5	QPSK	25	LOW	Pass
5	5	836.5	QPSK	25	LOW	Pass
5	5	846.5	QPSK	25	LOW	Pass
5	10	829	QPSK	50	LOW	Pass
5	10	836.5	QPSK	50	LOW	Pass
5	10	844	QPSK	50	LOW	Pass

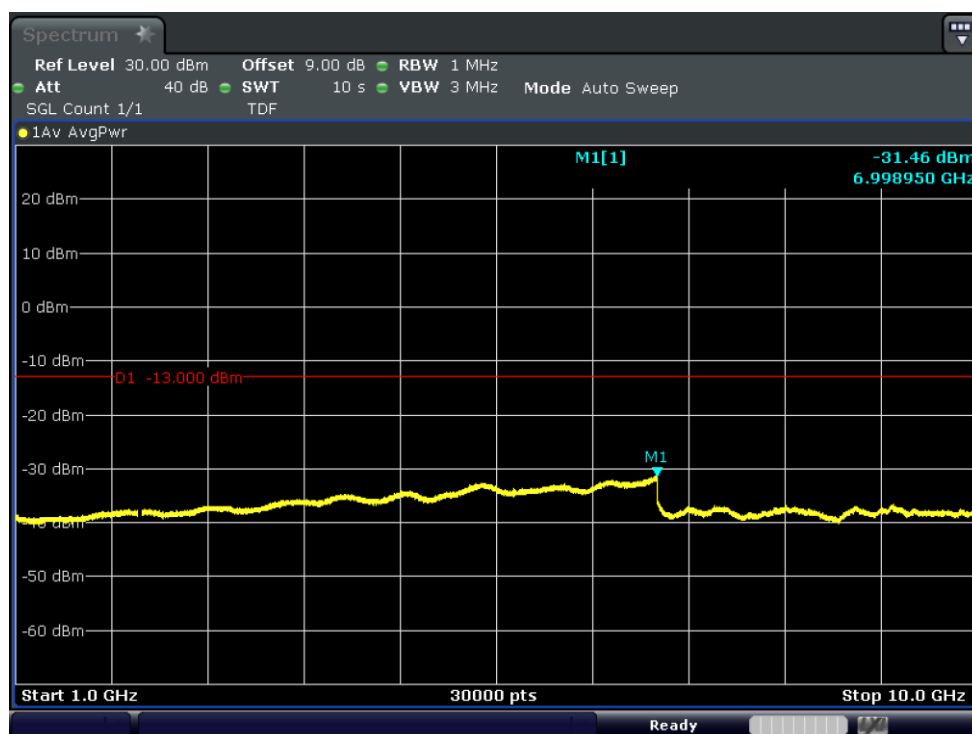
Note: Both QPSK and 16QAM modulation modes were tested. Since the QPSK mode produced the worst-case results, only the corresponding QPSK test results are included in this report.



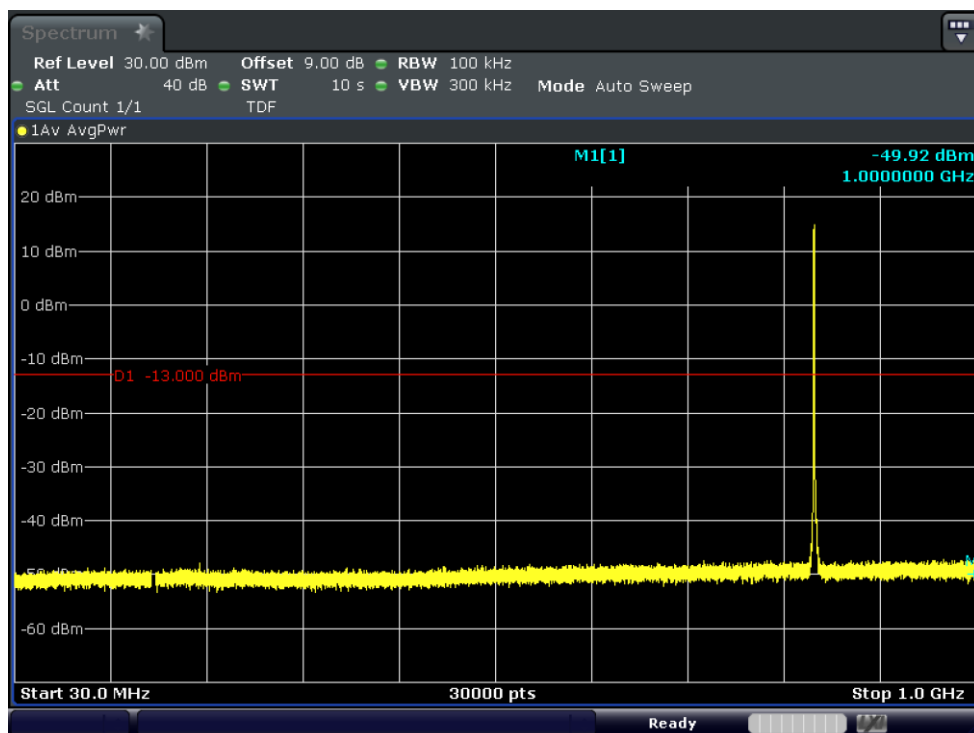
Test Graphs



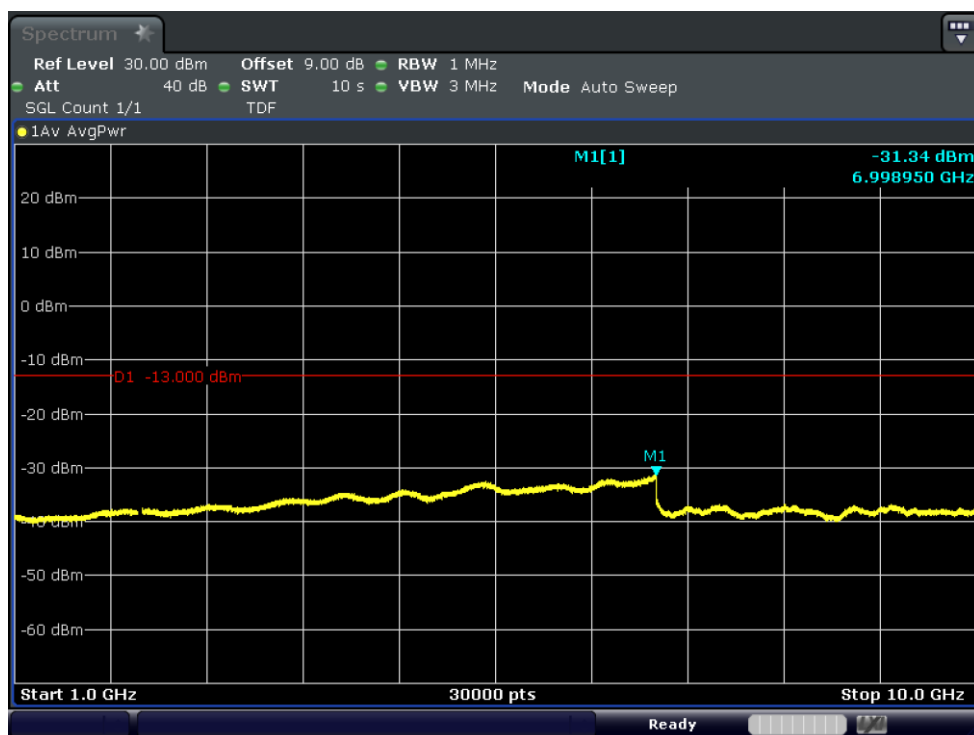
Test_Graph_band5_824.7MHz_1.4M_QPSK_6RB#LOW_30M_1G_TX



Test_Graph_band5_824.7MHz_1.4M_QPSK_6RB#LOW_1G_10G_TX

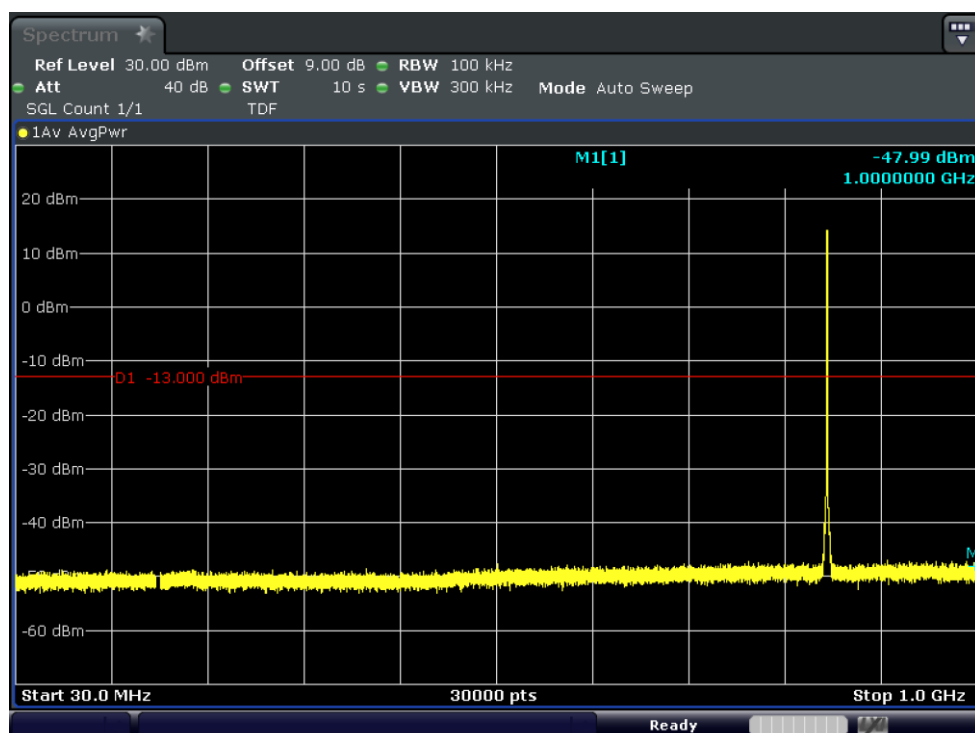


Test_Graph_band5_836.5MHz_1.4M_QPSK_6RB#LOW_30M_1G_TX

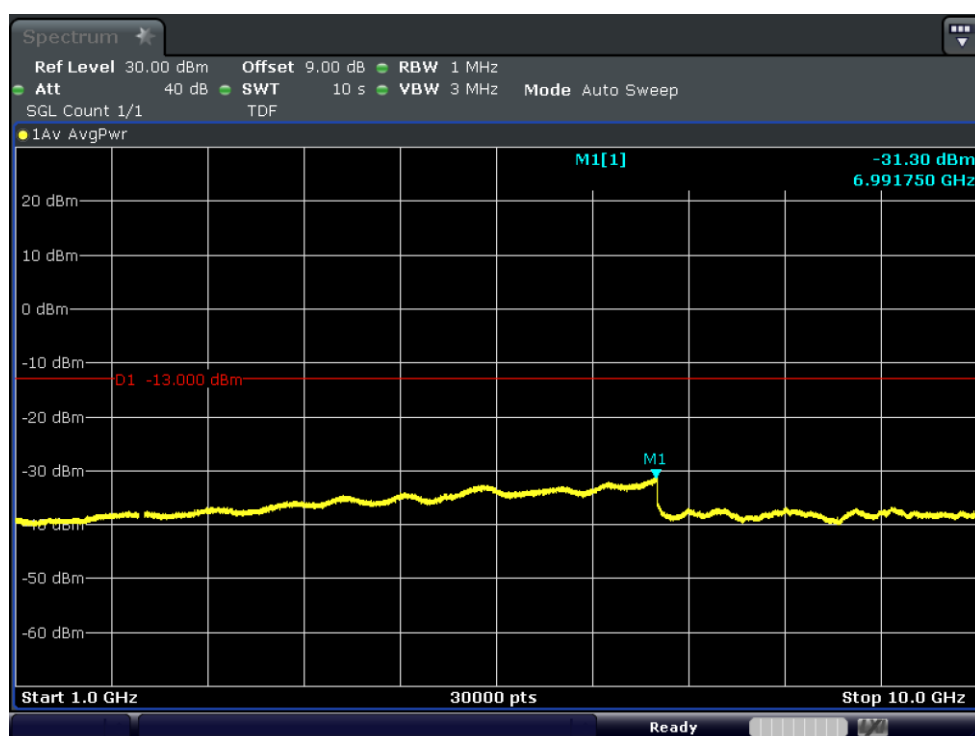


Test_Graph_band5_836.5MHz_1.4M_QPSK_6RB#LOW_1G_10G_TX



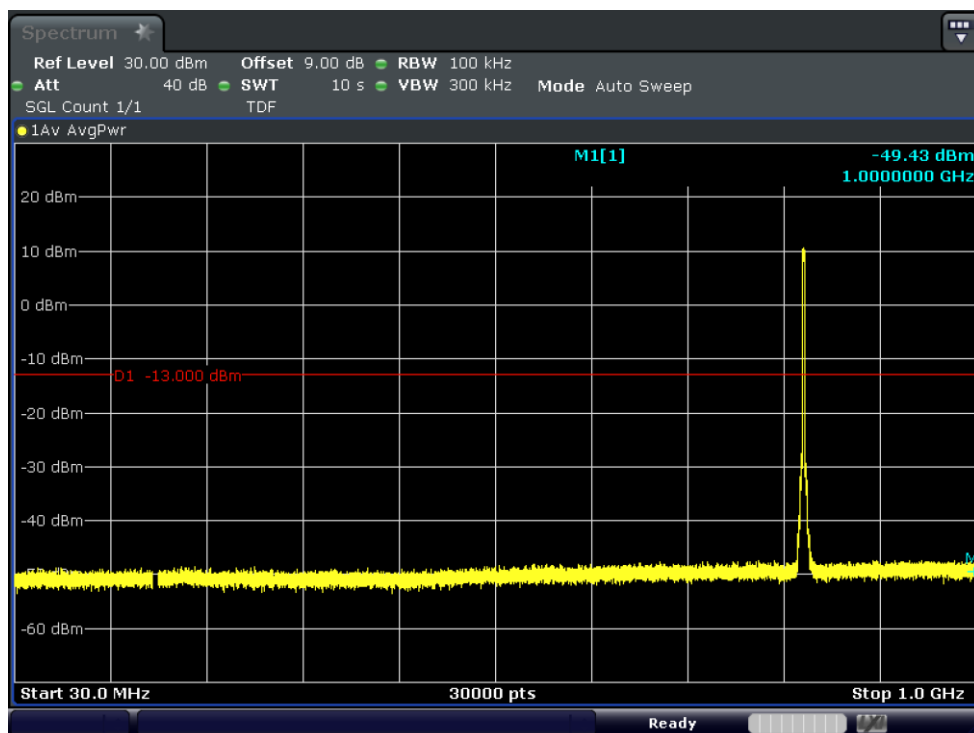


Test_Graph_band5_848.3MHz_1.4M_QPSK_6RB#LOW_30M_1G_TX

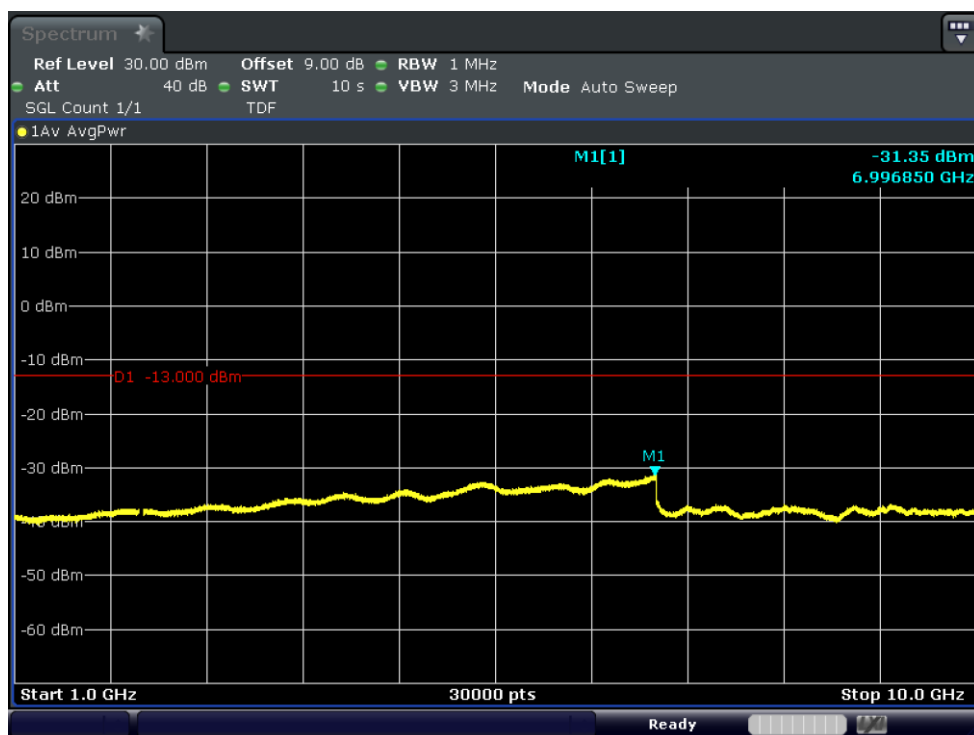


Test_Graph_band5_848.3MHz_1.4M_QPSK_6RB#LOW_1G_10G_TX



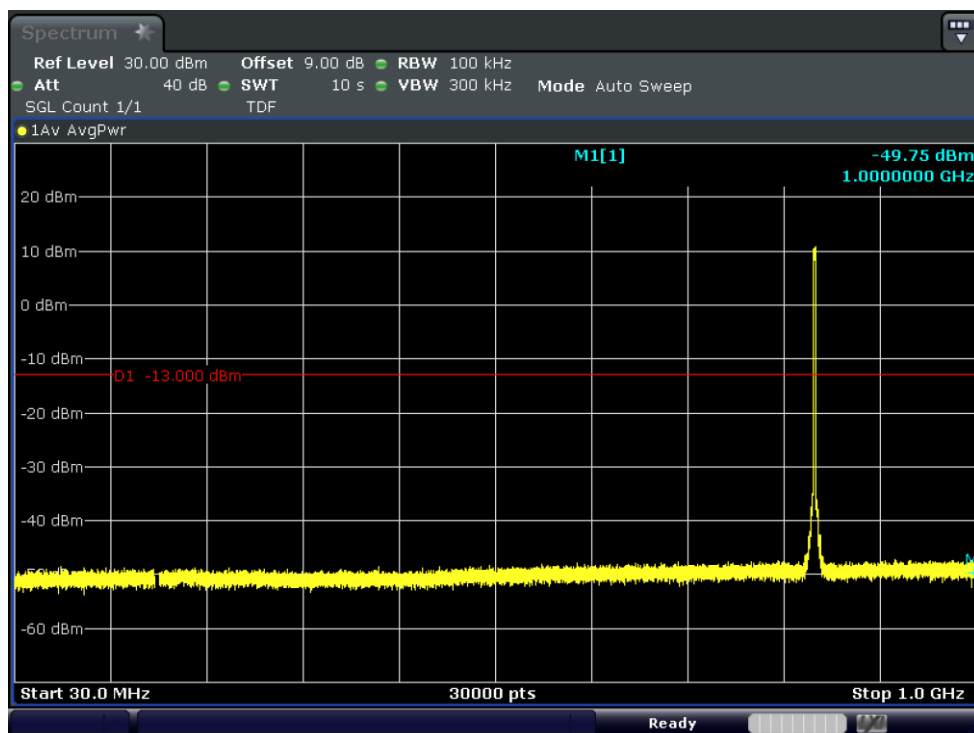


Test_Graph_band5_825.5MHz_3M_QPSK_15RB#LOW_30M_1G_TX

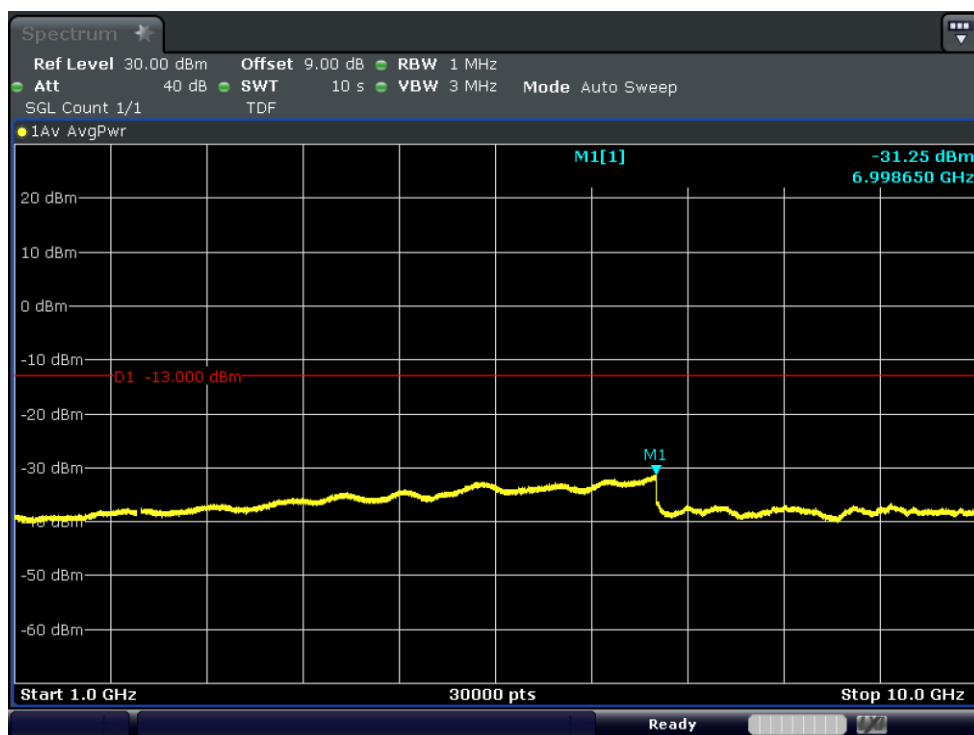


Test_Graph_band5_825.5MHz_3M_QPSK_15RB#LOW_1G_10G_TX



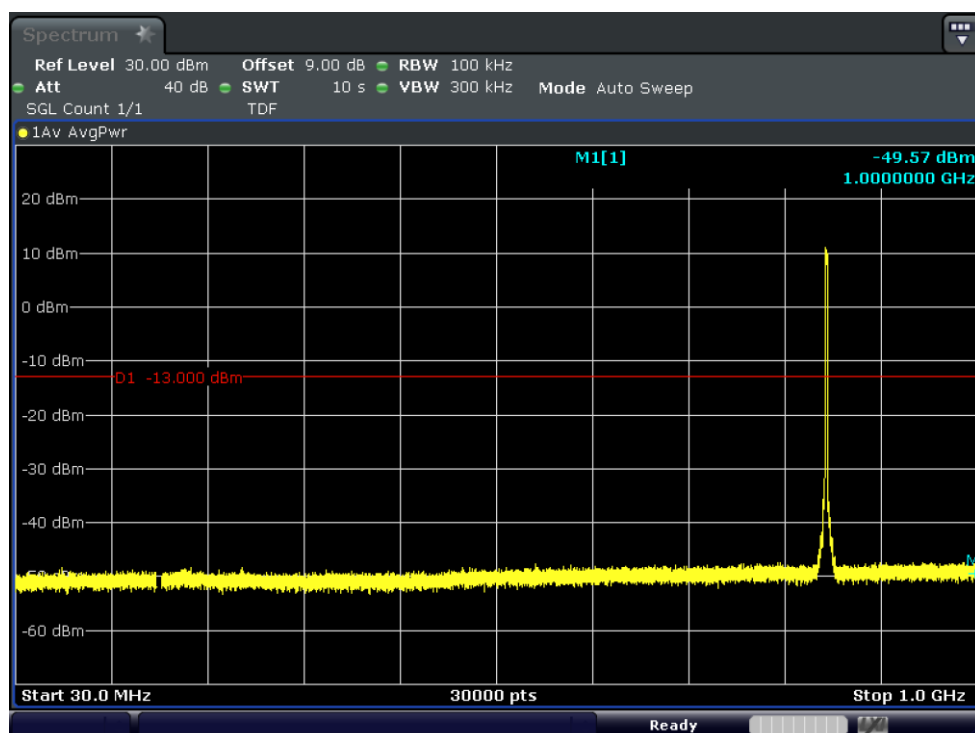


Test_Graph_band5_836.5MHz_3M_QPSK_15RB#LOW_30M_1G_TX

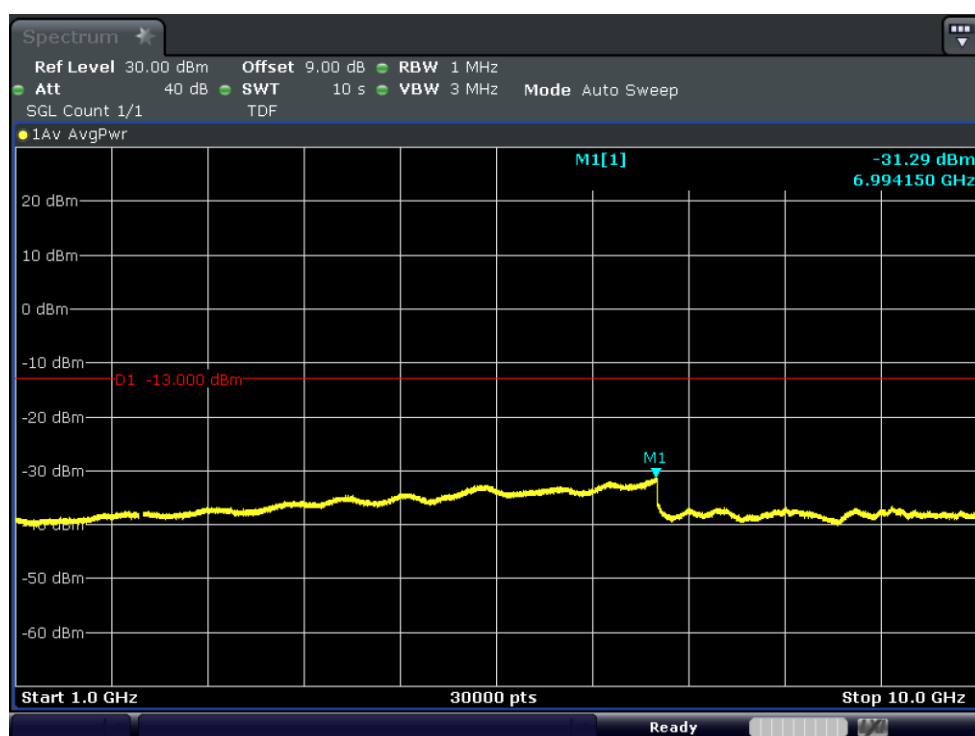


Test_Graph_band5_836.5MHz_3M_QPSK_15RB#LOW_1G_10G_TX



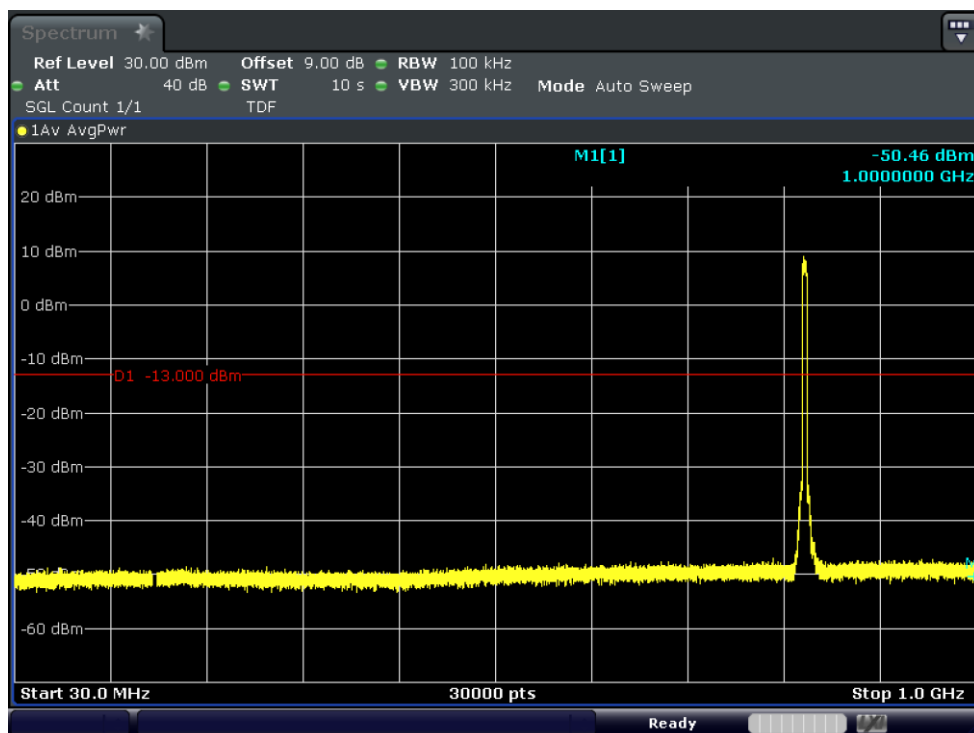


Test_Graph_band5_847.5MHz_3M_QPSK_15RB#LOW_30M_1G_TX

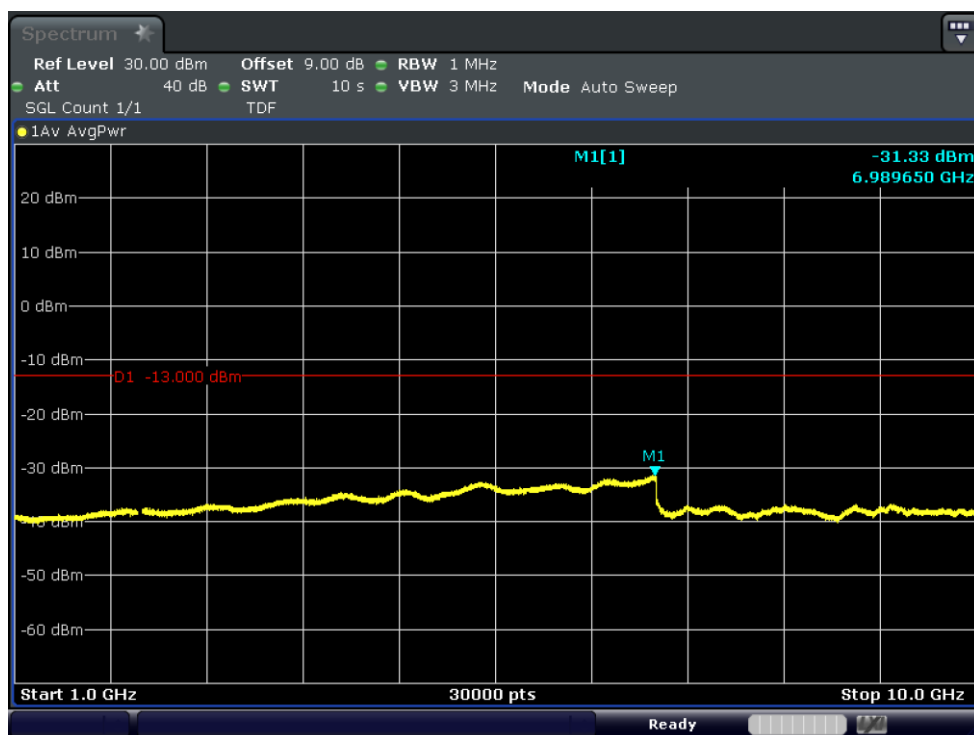


Test_Graph_band5_847.5MHz_3M_QPSK_15RB#LOW_1G_10G_TX



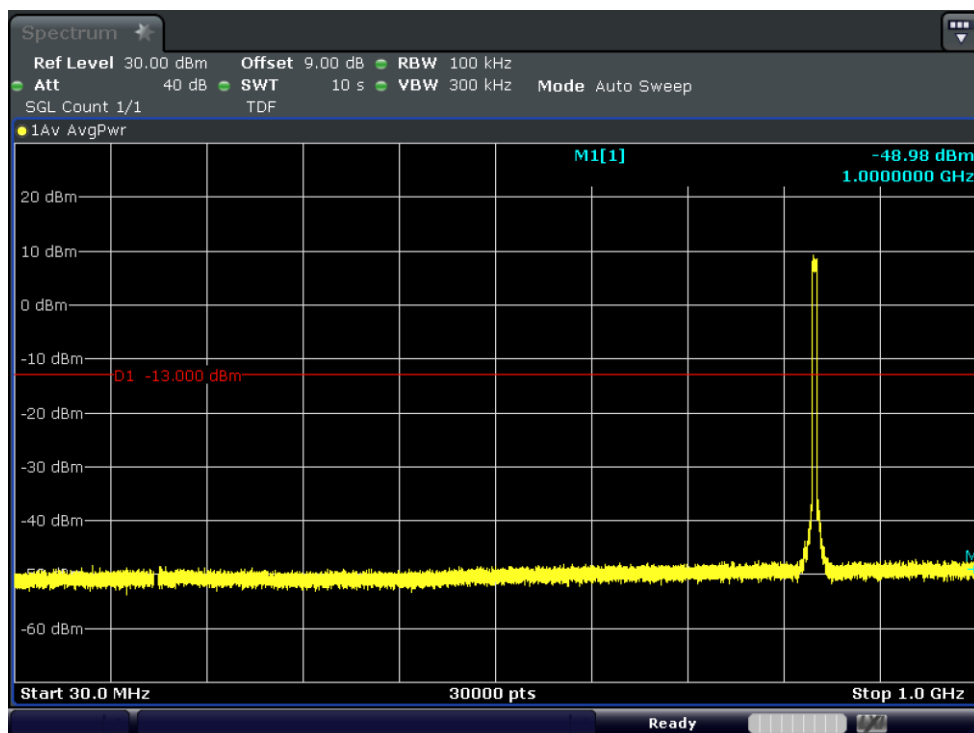


Test_Graph_band5_826.5MHz_5M_QPSK_25RB#LOW_30M_1G_TX

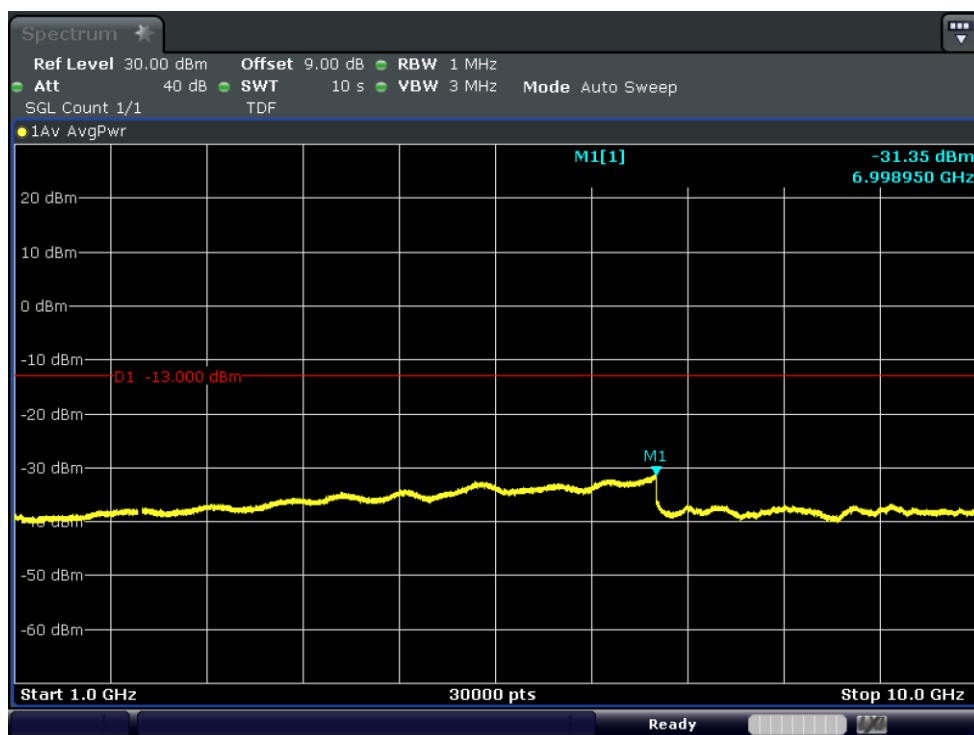


Test_Graph_band5_826.5MHz_5M_QPSK_25RB#LOW_1G_10G_TX





Test_Graph_band5_836.5MHz_5M_QPSK_25RB#LOW_30M_1G_TX



Test_Graph_band5_836.5MHz_5M_QPSK_25RB#LOW_1G_10G_TX

