

Appendix Test Data for LTE band 5(Conducted Measurement)

Product Name: SUPER MINI POC RADIO

Trade Mark: YANTON

Test Model: T-X5D

FCC ID: SV8-X5D

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	18.71	24.22	5.51	13	1.5	18.06	38.5	Pass
5	1.4	824.7	QPSK	3	LOW	19.39	24.42	5.03	13	1.5	18.74	38.5	Pass
5	1.4	824.7	QPSK	3	MID	19.43	24.42	4.99	13	1.5	18.78	38.5	Pass
5	1.4	824.7	QPSK	3	HIGH	19.52	24.3	4.78	13	1.5	18.87	38.5	Pass
5	1.4	824.7	QPSK	1	LOW	19.36	23.75	4.39	13	1.5	18.71	38.5	Pass
5	1.4	824.7	QPSK	1	MID	19.45	23.62	4.17	13	1.5	18.8	38.5	Pass
5	1.4	824.7	QPSK	1	HIGH	19.49	23.59	4.10	13	1.5	18.84	38.5	Pass
5	1.4	824.7	16QAM	6	LOW	17.62	24.02	6.40	13	1.5	16.97	38.5	Pass
5	1.4	824.7	16QAM	3	LOW	18.58	24.02	5.44	13	1.5	17.93	38.5	Pass
5	1.4	824.7	16QAM	3	MID	18.57	23.99	5.42	13	1.5	17.92	38.5	Pass
5	1.4	824.7	16QAM	3	HIGH	18.71	23.98	5.27	13	1.5	18.06	38.5	Pass
5	1.4	824.7	16QAM	1	LOW	18.52	23.48	4.96	13	1.5	17.87	38.5	Pass
5	1.4	824.7	16QAM	1	MID	18.62	23.45	4.83	13	1.5	17.97	38.5	Pass
5	1.4	824.7	16QAM	1	HIGH	18.71	23.41	4.70	13	1.5	18.06	38.5	Pass
5	1.4	836.5	QPSK	6	LOW	19.78	25.73	5.95	13	1.5	19.13	38.5	Pass
5	1.4	836.5	QPSK	3	LOW	20.75	25.96	5.21	13	1.5	20.1	38.5	Pass
5	1.4	836.5	QPSK	3	MID	20.74	25.96	5.22	13	1.5	20.09	38.5	Pass
5	1.4	836.5	QPSK	3	HIGH	20.54	25.87	5.33	13	1.5	19.89	38.5	Pass
5	1.4	836.5	QPSK	1	LOW	20.77	25.81	5.04	13	1.5	20.12	38.5	Pass
5	1.4	836.5	QPSK	1	MID	20.6	25.75	5.15	13	1.5	19.95	38.5	Pass
5	1.4	836.5	QPSK	1	HIGH	20.47	25.7	5.23	13	1.5	19.82	38.5	Pass
5	1.4	836.5	16QAM	6	LOW	18.87	25.93	7.06	13	1.5	18.22	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	1.4	836.5	16QAM	3	LOW	19.99	25.77	5.78	13	1.5	19.34	38.5	Pass
5	1.4	836.5	16QAM	3	MID	19.99	25.78	5.79	13	1.5	19.34	38.5	Pass
5	1.4	836.5	16QAM	3	HIGH	19.88	25.68	5.80	13	1.5	19.23	38.5	Pass
5	1.4	836.5	16QAM	1	LOW	19.91	25.38	5.47	13	1.5	19.26	38.5	Pass
5	1.4	836.5	16QAM	1	MID	19.77	25.33	5.56	13	1.5	19.12	38.5	Pass
5	1.4	836.5	16QAM	1	HIGH	19.65	25.23	5.58	13	1.5	19	38.5	Pass
5	1.4	848.3	QPSK	6	LOW	19.18	23.84	4.66	13	1.5	18.53	38.5	Pass
5	1.4	848.3	QPSK	3	LOW	19.95	23.36	3.41	13	1.5	19.3	38.5	Pass
5	1.4	848.3	QPSK	3	MID	19.94	23.37	3.43	13	1.5	19.29	38.5	Pass
5	1.4	848.3	QPSK	3	HIGH	20	23.6	3.60	13	1.5	19.35	38.5	Pass
5	1.4	848.3	QPSK	1	LOW	19.87	23.04	3.17	13	1.5	19.22	38.5	Pass
5	1.4	848.3	QPSK	1	MID	19.98	23.27	3.29	13	1.5	19.33	38.5	Pass
5	1.4	848.3	QPSK	1	HIGH	20.01	23.4	3.39	13	1.5	19.36	38.5	Pass
5	1.4	848.3	16QAM	6	LOW	18.34	23.62	5.28	13	1.5	17.69	38.5	Pass
5	1.4	848.3	16QAM	3	LOW	19.04	23.36	4.32	13	1.5	18.39	38.5	Pass
5	1.4	848.3	16QAM	3	MID	19.04	23.35	4.31	13	1.5	18.39	38.5	Pass
5	1.4	848.3	16QAM	3	HIGH	19.13	23.57	4.44	13	1.5	18.48	38.5	Pass
5	1.4	848.3	16QAM	1	LOW	19.18	22.76	3.58	13	1.5	18.53	38.5	Pass
5	1.4	848.3	16QAM	1	MID	19.3	22.99	3.69	13	1.5	18.65	38.5	Pass
5	1.4	848.3	16QAM	1	HIGH	19.32	23.12	3.80	13	1.5	18.67	38.5	Pass
5	3	825.5	QPSK	15	LOW	18.88	24.68	5.80	13	1.5	18.23	38.5	Pass
5	3	825.5	QPSK	8	LOW	18.68	24.23	5.55	13	1.5	18.03	38.5	Pass
5	3	825.5	QPSK	8	MID	18.65	24.07	5.42	13	1.5	18	38.5	Pass
5	3	825.5	QPSK	8	HIGH	18.96	24.23	5.27	13	1.5	18.31	38.5	Pass
5	3	825.5	QPSK	1	LOW	19.33	23.78	4.45	13	1.5	18.68	38.5	Pass
5	3	825.5	QPSK	1	MID	19.65	23.64	3.99	13	1.5	19	38.5	Pass
5	3	825.5	QPSK	1	HIGH	19.78	23.6	3.82	13	1.5	19.13	38.5	Pass
5	3	825.5	16QAM	15	LOW	17.91	24.44	6.53	13	1.5	17.26	38.5	Pass
5	3	825.5	16QAM	8	LOW	17.77	23.74	5.97	13	1.5	17.12	38.5	Pass
5	3	825.5	16QAM	8	MID	17.77	23.62	5.85	13	1.5	17.12	38.5	Pass
5	3	825.5	16QAM	8	HIGH	18.07	23.79	5.72	13	1.5	17.42	38.5	Pass
5	3	825.5	16QAM	1	LOW	18.46	23.49	5.03	13	1.5	17.81	38.5	Pass
5	3	825.5	16QAM	1	MID	18.8	23.45	4.65	13	1.5	18.15	38.5	Pass
5	3	825.5	16QAM	1	HIGH	19.03	23.47	4.44	13	1.5	18.38	38.5	Pass
5	3	836.5	QPSK	15	LOW	19.74	25.81	6.07	13	1.5	19.09	38.5	Pass
5	3	836.5	QPSK	8	LOW	19.93	25.56	5.63	13	1.5	19.28	38.5	Pass
5	3	836.5	QPSK	8	MID	19.93	25.52	5.59	13	1.5	19.28	38.5	Pass
5	3	836.5	QPSK	8	HIGH	19.52	25.19	5.67	13	1.5	18.87	38.5	Pass
5	3	836.5	QPSK	1	LOW	21.07	25.57	4.5	13	1.5	20.42	38.5	Pass
5	3	836.5	QPSK	1	MID	20.6	25.37	4.77	13	1.5	19.95	38.5	Pass
5	3	836.5	QPSK	1	HIGH	20.02	24.92	4.90	13	1.5	19.37	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	18.92	25.91	6.99	13	1.5	18.27	38.5	Pass
5	3	836.5	16QAM	8	LOW	19.25	25.83	6.58	13	1.5	18.6	38.5	Pass
5	3	836.5	16QAM	8	MID	19.26	25.71	6.45	13	1.5	18.61	38.5	Pass
5	3	836.5	16QAM	8	HIGH	18.87	25.47	6.60	13	1.5	18.22	38.5	Pass
5	3	836.5	16QAM	1	LOW	20.74	25.85	5.11	13	1.5	20.09	38.5	Pass
5	3	836.5	16QAM	1	MID	20.31	25.82	5.51	13	1.5	19.66	38.5	Pass
5	3	836.5	16QAM	1	HIGH	19.74	25.43	5.69	13	1.5	19.09	38.5	Pass
5	3	847.5	QPSK	15	LOW	19.12	23.99	4.87	13	1.5	18.47	38.5	Pass
5	3	847.5	QPSK	8	LOW	19.06	23.5	4.44	13	1.5	18.41	38.5	Pass
5	3	847.5	QPSK	8	MID	19.06	23.5	4.44	13	1.5	18.41	38.5	Pass
5	3	847.5	QPSK	8	HIGH	19.22	23.59	4.37	13	1.5	18.57	38.5	Pass
5	3	847.5	QPSK	1	LOW	19.67	22.97	3.30	13	1.5	19.02	38.5	Pass
5	3	847.5	QPSK	1	MID	19.91	23.09	3.18	13	1.5	19.26	38.5	Pass
5	3	847.5	QPSK	1	HIGH	19.98	23.49	3.51	13	1.5	19.33	38.5	Pass
5	3	847.5	16QAM	15	LOW	18.18	23.76	5.58	13	1.5	17.53	38.5	Pass
5	3	847.5	16QAM	8	LOW	18.16	23.12	4.96	13	1.5	17.51	38.5	Pass
5	3	847.5	16QAM	8	MID	18.17	23.18	5.01	13	1.5	17.52	38.5	Pass
5	3	847.5	16QAM	8	HIGH	18.32	23.5	5.18	13	1.5	17.67	38.5	Pass
5	3	847.5	16QAM	1	LOW	18.97	22.66	3.69	13	1.5	18.32	38.5	Pass
5	3	847.5	16QAM	1	MID	19.23	22.83	3.60	13	1.5	18.58	38.5	Pass
5	3	847.5	16QAM	1	HIGH	19.28	23.19	3.91	13	1.5	18.63	38.5	Pass
5	5	826.5	QPSK	25	LOW	19.1	24.56	5.46	13	1.5	18.45	38.5	Pass
5	5	826.5	QPSK	12	LOW	18.66	23.85	5.19	13	1.5	18.01	38.5	Pass
5	5	826.5	QPSK	12	MID	18.63	23.83	5.20	13	1.5	17.98	38.5	Pass
5	5	826.5	QPSK	12	HIGH	19.38	24.01	4.63	13	1.5	18.73	38.5	Pass
5	5	826.5	QPSK	1	LOW	19.38	24.11	4.73	13	1.5	18.73	38.5	Pass
5	5	826.5	QPSK	1	MID	19.88	23.85	3.97	13	1.5	19.23	38.5	Pass
5	5	826.5	QPSK	1	HIGH	20.4	24.05	3.65	13	1.5	19.75	38.5	Pass
5	5	826.5	16QAM	25	LOW	18.19	24.57	6.38	13	1.5	17.54	38.5	Pass
5	5	826.5	16QAM	12	LOW	17.77	24.21	6.44	13	1.5	17.12	38.5	Pass
5	5	826.5	16QAM	12	MID	17.77	24.16	6.39	13	1.5	17.12	38.5	Pass
5	5	826.5	16QAM	12	HIGH	18.5	24.28	5.78	13	1.5	17.85	38.5	Pass
5	5	826.5	16QAM	1	LOW	18.38	23.47	5.09	13	1.5	17.73	38.5	Pass
5	5	826.5	16QAM	1	MID	18.96	23.45	4.49	13	1.5	18.31	38.5	Pass
5	5	826.5	16QAM	1	HIGH	19.53	23.7	4.17	13	1.5	18.88	38.5	Pass
5	5	836.5	QPSK	25	LOW	19.67	25.84	6.17	13	1.5	19.02	38.5	Pass
5	5	836.5	QPSK	12	LOW	20.13	25.82	5.69	13	1.5	19.48	38.5	Pass
5	5	836.5	QPSK	12	MID	20.14	25.9	5.76	13	1.5	19.49	38.5	Pass
5	5	836.5	QPSK	12	HIGH	19.23	25.39	6.16	13	1.5	18.58	38.5	Pass
5	5	836.5	QPSK	1	LOW	21.36	25.64	4.28	13	1.5	20.71	38.5	Pass
5	5	836.5	QPSK	1	MID	20.66	25.61	4.95	13	1.5	20.01	38.5	Pass





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5	5	836.5	QPSK	1	HIGH	19.81	24.87	5.06	13	1.5	19.16	38.5	Pass
5	5	836.5	16QAM	25	LOW	18.76	25.82	7.06	13	1.5	18.11	38.5	Pass
5	5	836.5	16QAM	12	LOW	19.27	25.7	6.43	13	1.5	18.62	38.5	Pass
5	5	836.5	16QAM	12	MID	19.28	25.63	6.35	13	1.5	18.63	38.5	Pass
5	5	836.5	16QAM	12	HIGH	18.39	25.01	6.62	13	1.5	17.74	38.5	Pass
5	5	836.5	16QAM	1	LOW	20.74	25.54	4.80	13	1.5	20.09	38.5	Pass
5	5	836.5	16QAM	1	MID	20.06	25.5	5.44	13	1.5	19.41	38.5	Pass
5	5	836.5	16QAM	1	HIGH	19.23	24.73	5.5	13	1.5	18.58	38.5	Pass
5	5	846.5	QPSK	25	LOW	18.94	23.94	5	13	1.5	18.29	38.5	Pass
5	5	846.5	QPSK	12	LOW	18.75	23.24	4.49	13	1.5	18.1	38.5	Pass
5	5	846.5	QPSK	12	MID	18.74	23.16	4.42	13	1.5	18.09	38.5	Pass
5	5	846.5	QPSK	12	HIGH	19.09	23.43	4.34	13	1.5	18.44	38.5	Pass
5	5	846.5	QPSK	1	LOW	19.41	23.09	3.68	13	1.5	18.76	38.5	Pass
5	5	846.5	QPSK	1	MID	19.79	22.96	3.17	13	1.5	19.14	38.5	Pass
5	5	846.5	QPSK	1	HIGH	20.02	23.44	3.42	13	1.5	19.37	38.5	Pass
5	5	846.5	16QAM	25	LOW	18.05	23.72	5.67	13	1.5	17.40	38.5	Pass
5	5	846.5	16QAM	12	LOW	17.85	23.15	5.30	13	1.5	17.20	38.5	Pass
5	5	846.5	16QAM	12	MID	17.84	23.2	5.36	13	1.5	17.19	38.5	Pass
5	5	846.5	16QAM	12	HIGH	18.2	23.21	5.01	13	1.5	17.55	38.5	Pass
5	5	846.5	16QAM	1	LOW	18.65	23.1	4.45	13	1.5	18	38.5	Pass
5	5	846.5	16QAM	1	MID	19.07	22.96	3.89	13	1.5	18.42	38.5	Pass
5	5	846.5	16QAM	1	HIGH	19.27	23.42	4.15	13	1.5	18.62	38.5	Pass
5	10	829	QPSK	50	LOW	19.82	25.09	5.27	13	1.5	19.17	38.5	Pass
5	10	829	QPSK	25	LOW	19.11	24.44	5.33	13	1.5	18.46	38.5	Pass
5	10	829	QPSK	25	MID	19.09	24.29	5.20	13	1.5	18.44	38.5	Pass
5	10	829	QPSK	25	HIGH	20.3	25.04	4.74	13	1.5	19.65	38.5	Pass
5	10	829	QPSK	1	LOW	19.57	23.94	4.37	13	1.5	18.92	38.5	Pass
5	10	829	QPSK	1	MID	20.76	24.07	3.31	13	1.5	20.11	38.5	Pass
5	10	829	QPSK	1	HIGH	21.44	25.29	3.85	13	1.5	20.79	38.5	Pass
5	10	829	16QAM	25	LOW	18.32	24.22	5.90	13	1.5	17.67	38.5	Pass
5	10	829	16QAM	25	MID	18.31	24.22	5.91	13	1.5	17.66	38.5	Pass
5	10	829	16QAM	25	HIGH	19.5	25.04	5.54	13	1.5	18.85	38.5	Pass
5	10	829	16QAM	1	LOW	18.63	23.64	5.01	13	1.5	17.98	38.5	Pass
5	10	829	16QAM	1	MID	19.88	23.94	4.06	13	1.5	19.23	38.5	Pass
5	10	829	16QAM	1	HIGH	20.59	25.12	4.53	13	1.5	19.94	38.5	Pass
5	10	836.5	QPSK	50	LOW	19.62	25.36	5.74	13	1.5	18.97	38.5	Pass
5	10	836.5	QPSK	25	LOW	20.21	25.78	5.57	13	1.5	19.56	38.5	Pass
5	10	836.5	QPSK	25	MID	20.22	25.76	5.54	13	1.5	19.57	38.5	Pass
5	10	836.5	QPSK	25	HIGH	18.92	25.15	6.23	13	1.5	18.27	38.5	Pass
5	10	836.5	QPSK	1	LOW	21.38	24.93	3.55	13	1.5	20.73	38.5	Pass
5	10	836.5	QPSK	1	MID	20.68	25.4	4.72	13	1.5	20.03	38.5	Pass





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5	10	836.5	QPSK	1	HIGH	19.32	23.98	4.66	13	1.5	18.67	38.5	Pass
5	10	836.5	16QAM	25	LOW	19.39	25.71	6.32	13	1.5	18.74	38.5	Pass
5	10	836.5	16QAM	25	MID	19.42	25.79	6.37	13	1.5	18.77	38.5	Pass
5	10	836.5	16QAM	25	HIGH	18.07	25.09	7.02	13	1.5	17.42	38.5	Pass
5	10	836.5	16QAM	1	LOW	21.09	25.16	4.07	13	1.5	20.44	38.5	Pass
5	10	836.5	16QAM	1	MID	20.41	25.95	5.54	13	1.5	19.76	38.5	Pass
5	10	836.5	16QAM	1	HIGH	19	24.41	5.41	13	1.5	18.35	38.5	Pass
5	10	844	QPSK	50	LOW	18.6	24.07	5.47	13	1.5	17.95	38.5	Pass
5	10	844	QPSK	25	LOW	18.32	23.98	5.66	13	1.5	17.67	38.5	Pass
5	10	844	QPSK	25	MID	18.31	23.81	5.5	13	1.5	17.66	38.5	Pass
5	10	844	QPSK	25	HIGH	18.8	23.33	4.53	13	1.5	18.15	38.5	Pass
5	10	844	QPSK	1	LOW	19.58	24.66	5.08	13	1.5	18.93	38.5	Pass
5	10	844	QPSK	1	MID	19.35	23.24	3.89	13	1.5	18.70	38.5	Pass
5	10	844	QPSK	1	HIGH	19.99	23.45	3.46	13	1.5	19.34	38.5	Pass
5	10	844	16QAM	25	LOW	17.45	24.14	6.69	13	1.5	16.8	38.5	Pass
5	10	844	16QAM	25	MID	17.45	23.95	6.5	13	1.5	16.8	38.5	Pass
5	10	844	16QAM	25	HIGH	17.92	23.34	5.42	13	1.5	17.27	38.5	Pass
5	10	844	16QAM	1	LOW	18.83	23.75	4.92	13	1.5	18.18	38.5	Pass
5	10	844	16QAM	1	MID	18.64	22.84	4.20	13	1.5	17.99	38.5	Pass
5	10	844	16QAM	1	HIGH	19.31	23.14	3.83	13	1.5	18.66	38.5	Pass





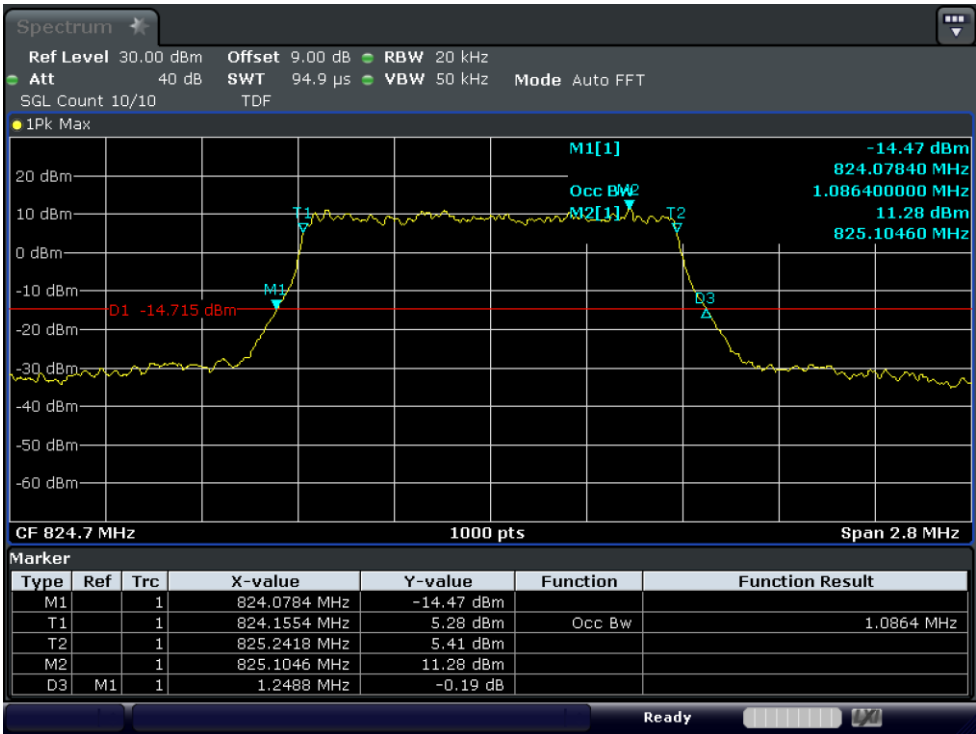
Appendix B: Occupied bandwidth

Test Result

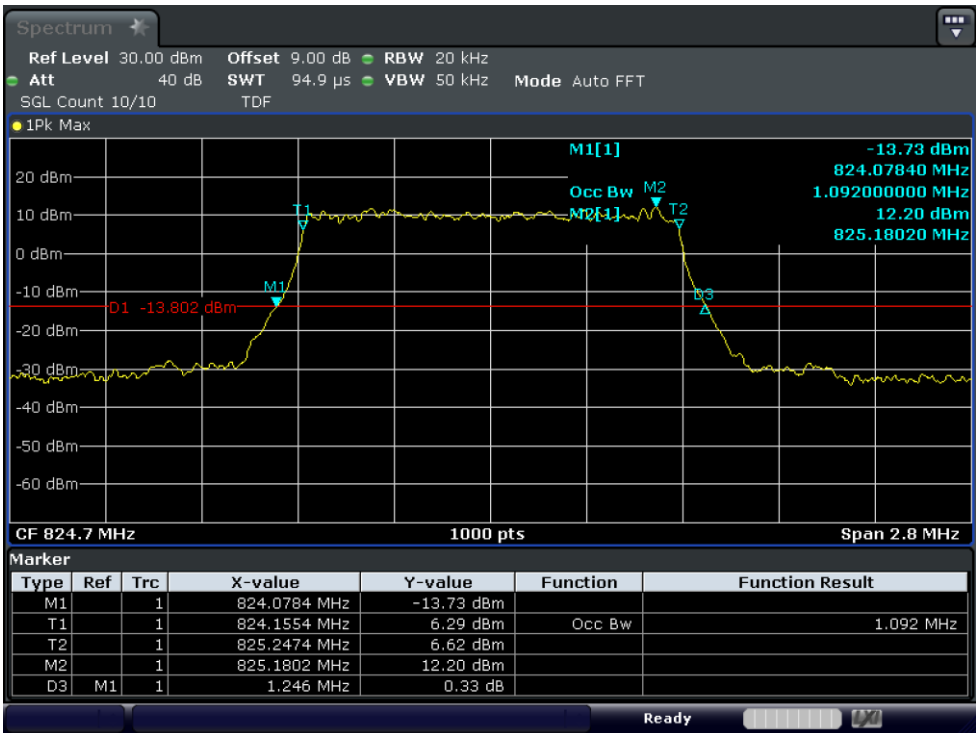
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth (MHz)	Emission Bandwidth (MHz)	Limit
5	1.4	824.7	QPSK	6	LOW	1.092	1.246	No limit
5	1.4	824.7	16QAM	6	LOW	1.086	1.249	No limit
5	1.4	836.5	QPSK	6	LOW	1.081	1.252	No limit
5	1.4	836.5	16QAM	6	LOW	1.086	1.266	No limit
5	1.4	848.3	QPSK	6	LOW	1.086	1.263	No limit
5	1.4	848.3	16QAM	6	LOW	1.081	1.229	No limit
5	3	825.5	QPSK	15	LOW	2.688	2.892	No limit
5	3	825.5	16QAM	15	LOW	2.688	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	2.916	No limit
5	3	847.5	16QAM	15	LOW	2.682	2.886	No limit
5	5	826.5	QPSK	25	LOW	4.47	4.85	No limit
5	5	826.5	16QAM	25	LOW	4.47	4.84	No limit
5	5	836.5	QPSK	25	LOW	4.48	4.86	No limit
5	5	836.5	16QAM	25	LOW	4.47	4.85	No limit
5	5	846.5	QPSK	25	LOW	4.48	4.84	No limit
5	5	846.5	16QAM	25	LOW	4.47	4.85	No limit
5	10	829	QPSK	50	LOW	8.94	9.46	No limit
5	10	836.5	QPSK	50	LOW	8.94	9.58	No limit
5	10	844	QPSK	50	LOW	8.94	9.54	No limit
5	10	829	16QAM	27	LOW	4.88	5.44	No limit
5	10	836.5	16QAM	27	LOW	4.86	5.46	No limit
5	10	844	16QAM	27	LOW	4.88	5.5	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



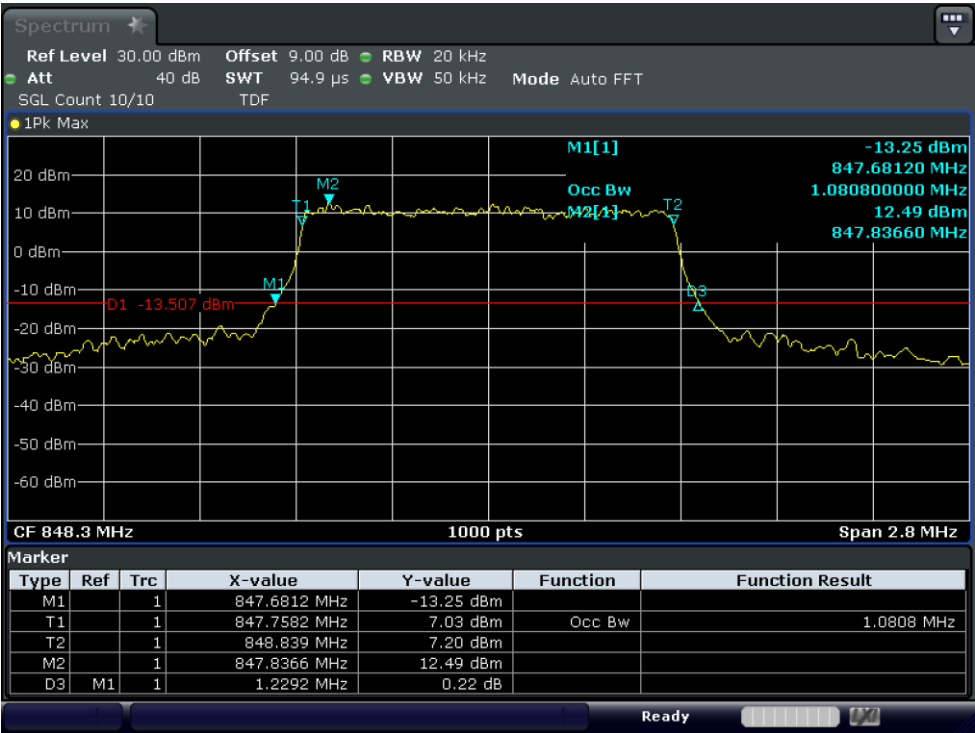


Test_Graph_band5_836.5MHz_1.4M_16QAM_6RB#LOW_OBW&EBW

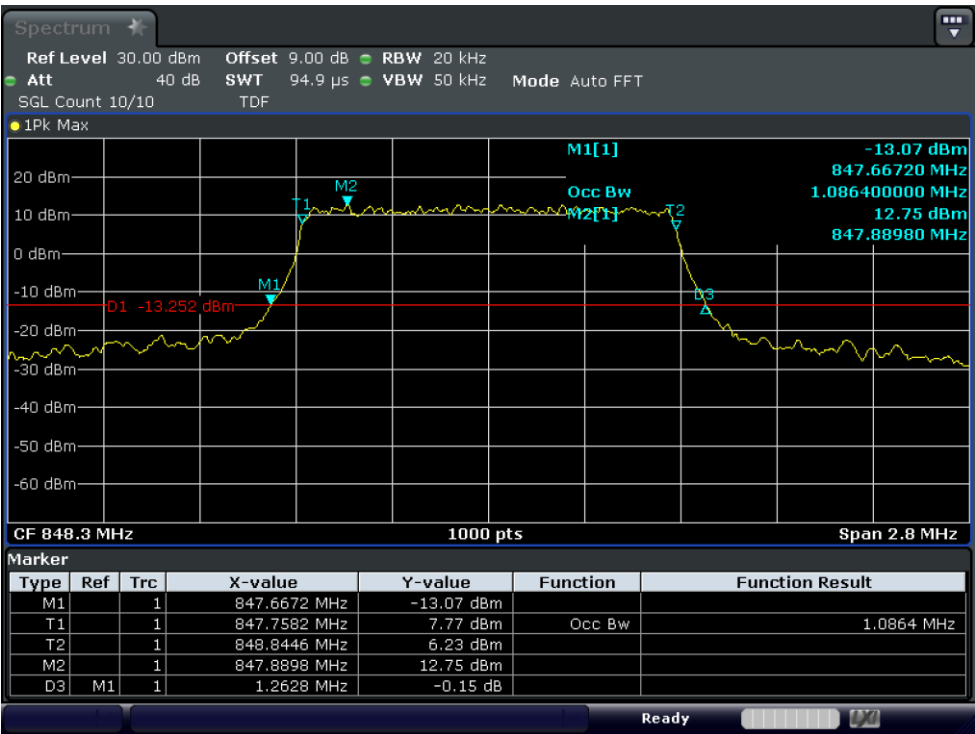


Test_Graph_band5_836.5MHz_1.4M_QPSK_6RB#LOW_OBW&EBW

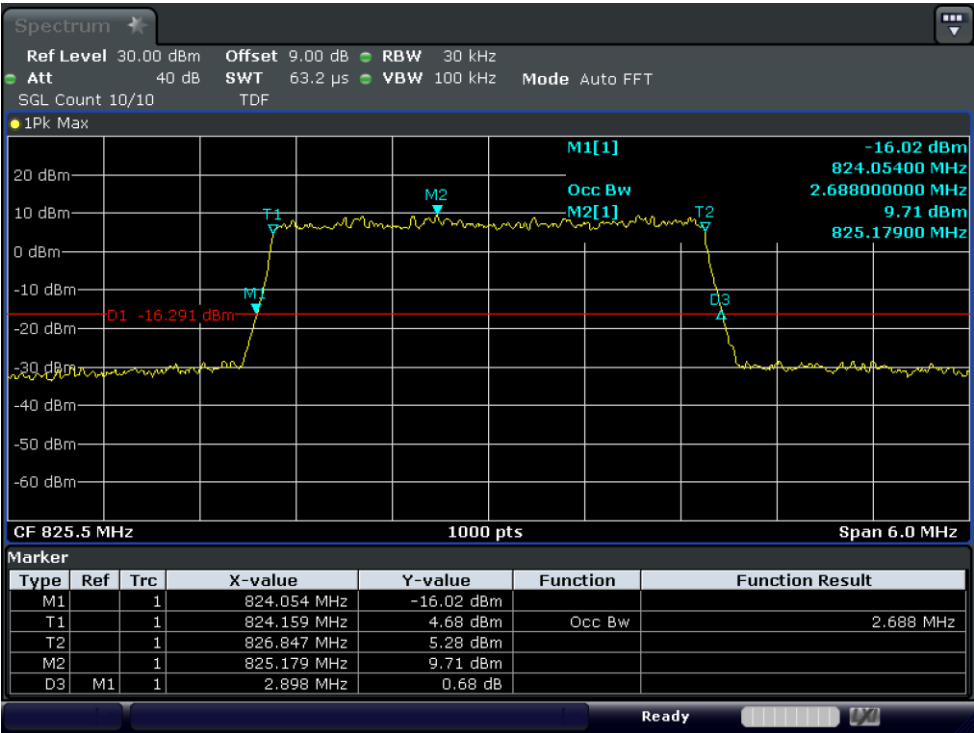




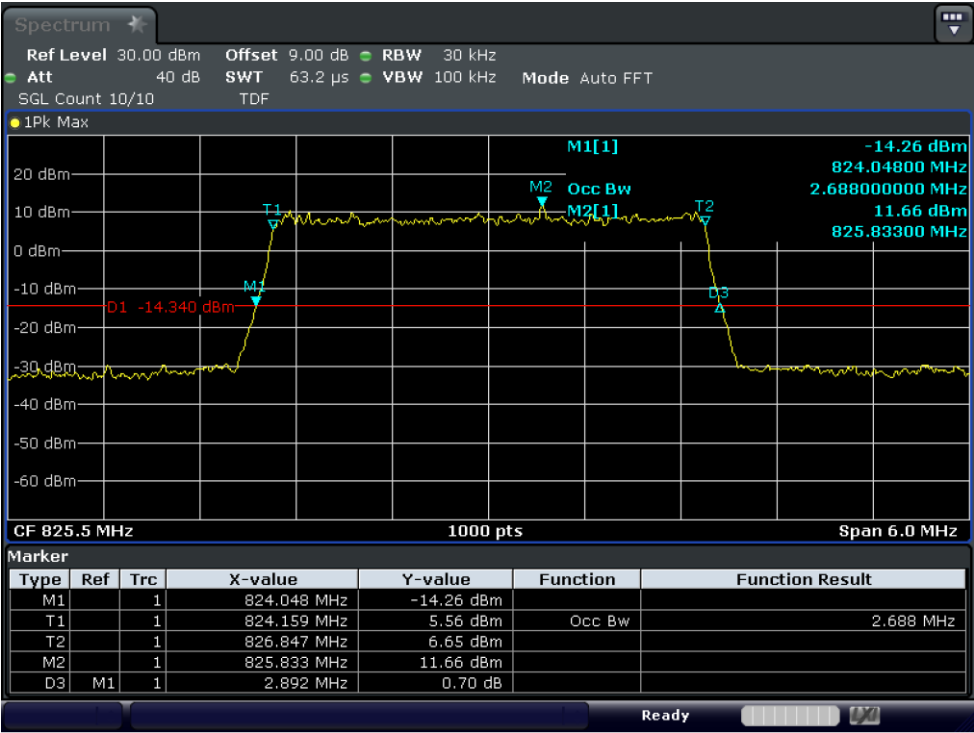
Test_Graph_band5_848.3MHz_1.4M_16QAM_6RB#LOW_OBW&EBW



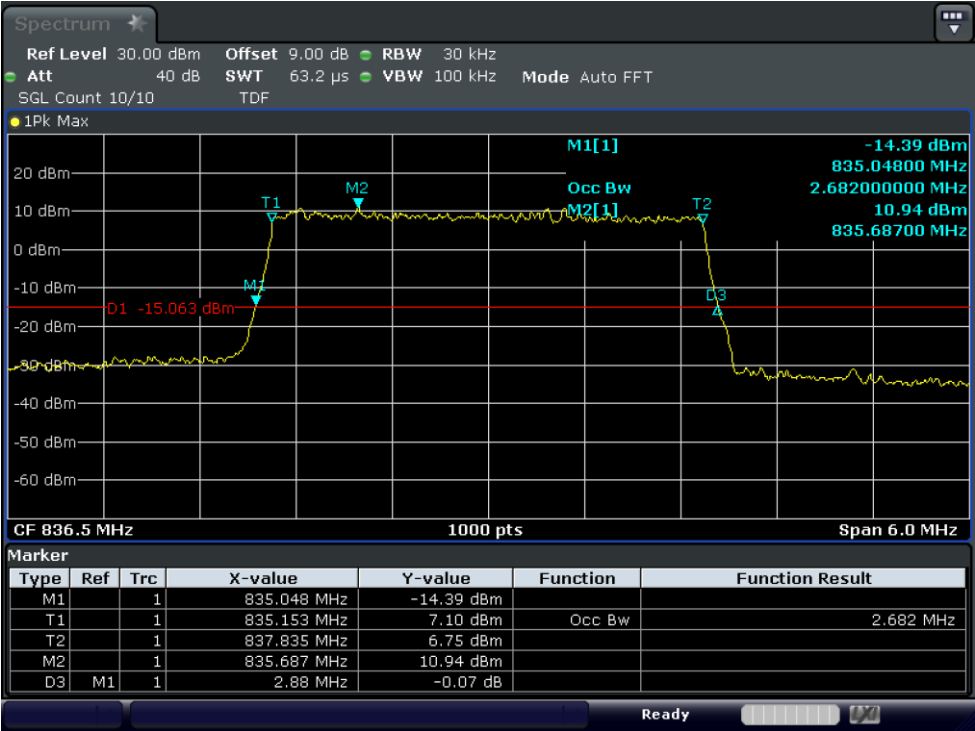
Test_Graph_band5_848.3MHz_1.4M_QPSK_6RB#LOW_OBW&EBW



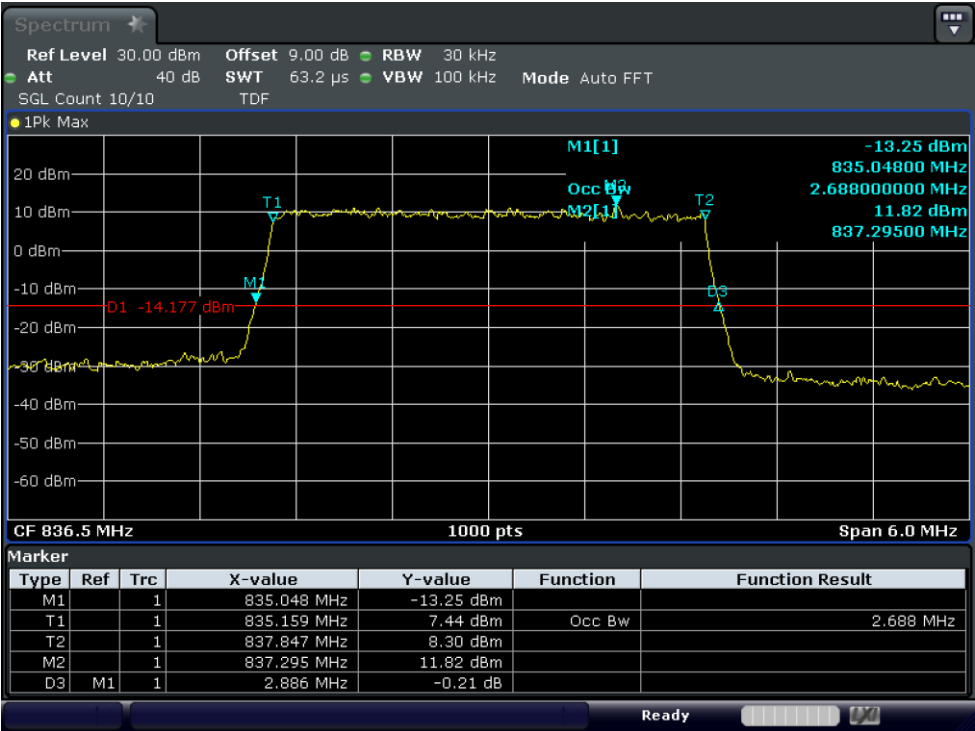
Test_Graph_band5_825.5MHz_3M_16QAM_15RB#LOW_OBW&EBW



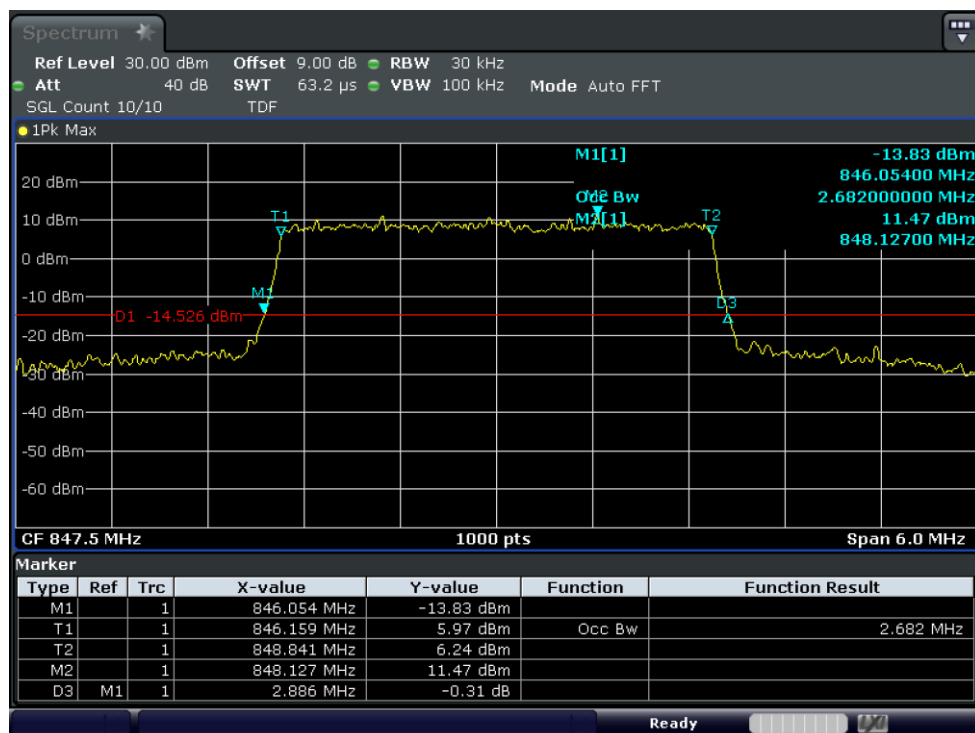
Test_Graph_band5_825.5MHz_3M_QPSK_15RB#LOW_OBW&EBW



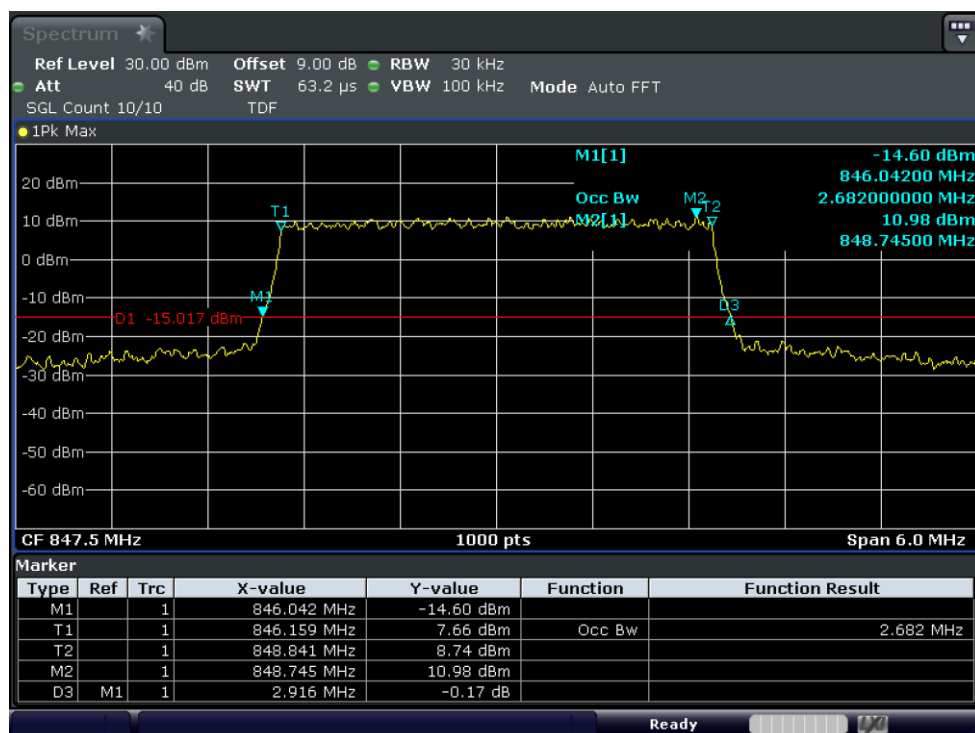
Test_Graph_band5_836.5MHz_3M_16QAM_15RB#LOW_OBW&EBW



Test_Graph_band5_836.5MHz_3M_QPSK_15RB#LOW_OBW&EBW

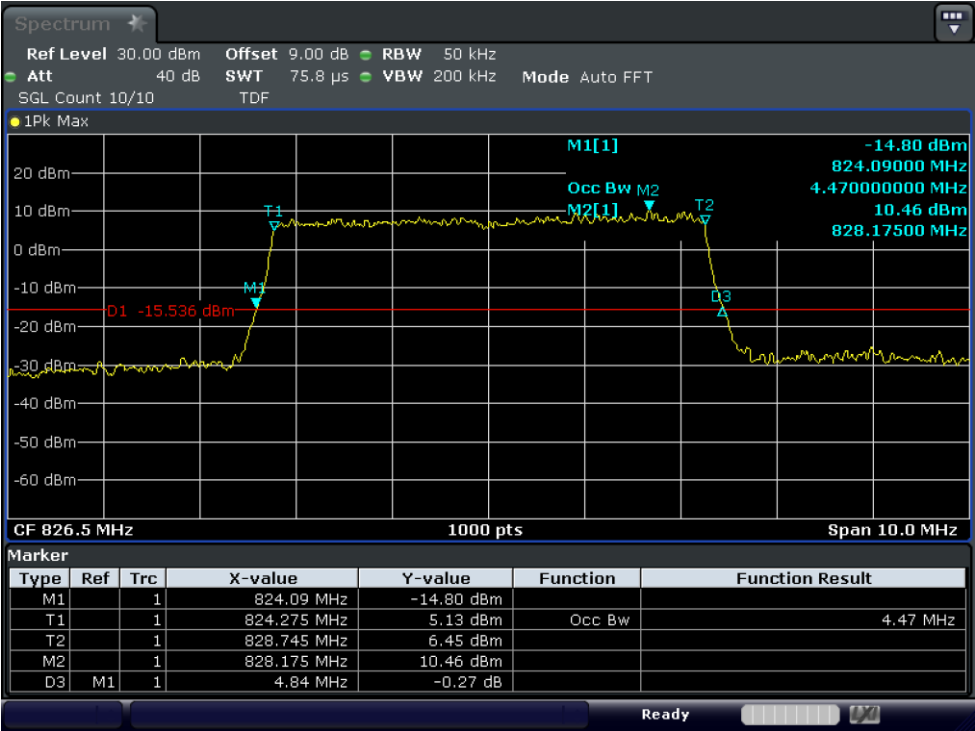


Test_Graph_band5_847.5MHz_3M_16QAM_15RB#LOW_OBW&EBW

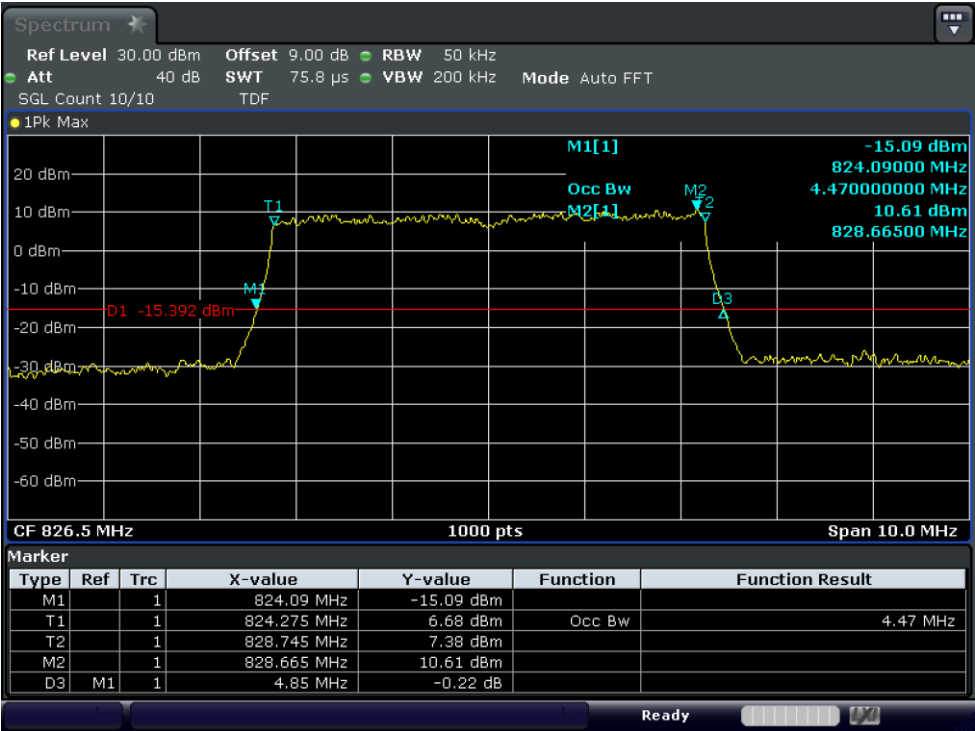


Test_Graph_band5_847.5MHz_3M_QPSK_15RB#LOW_OBW&EBW

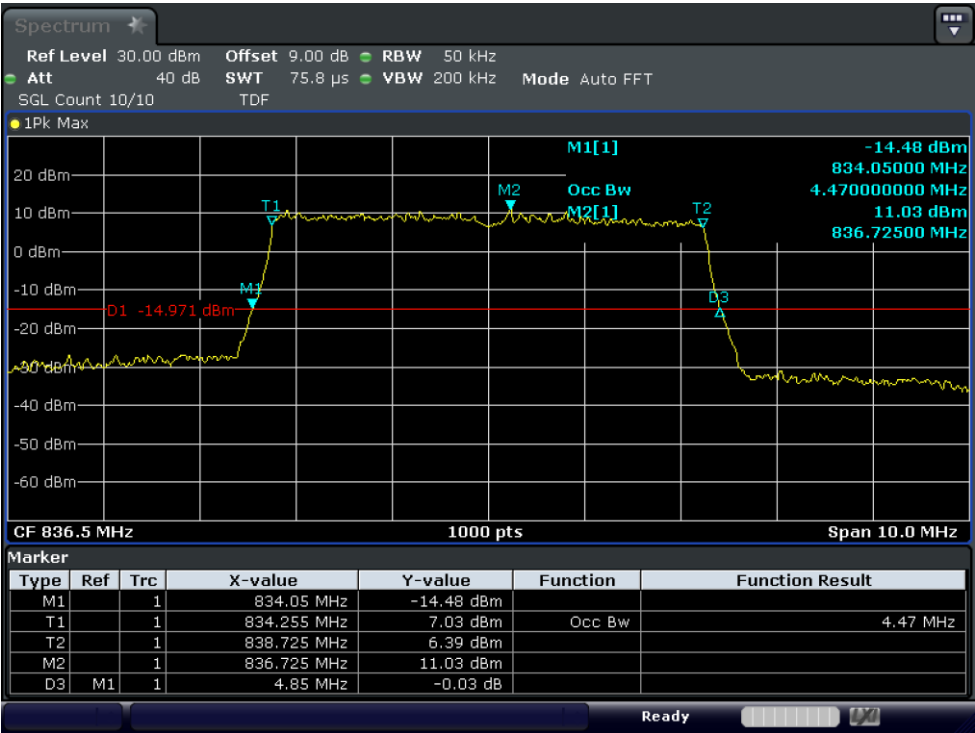




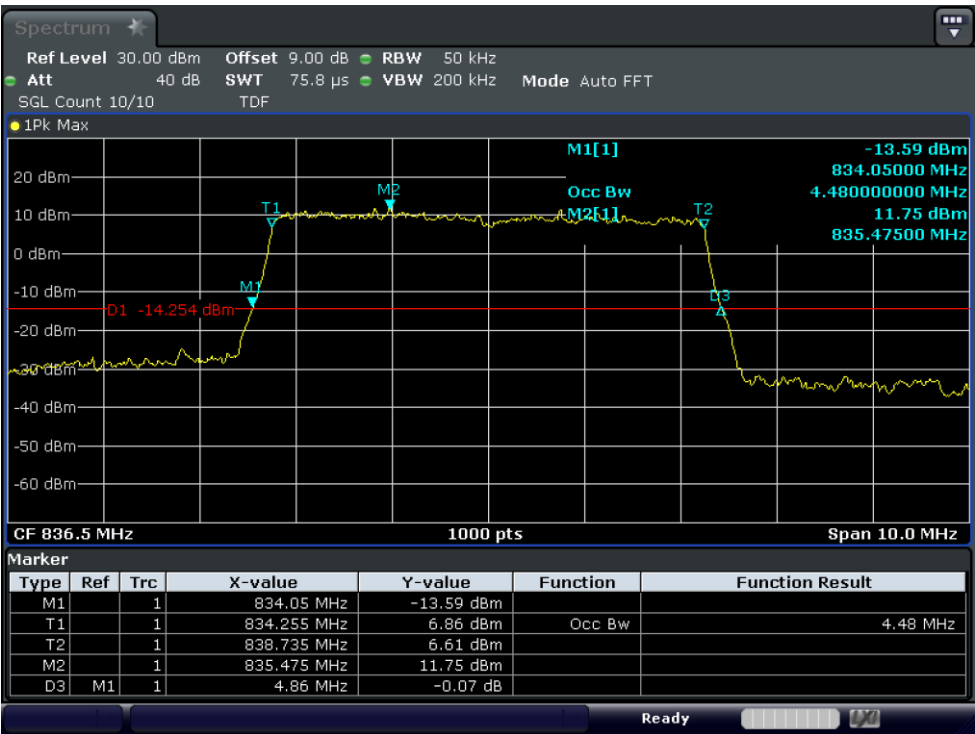
Test_Graph_band5_826.5MHz_5M_16QAM_25RB#LOW_OBW&EBW



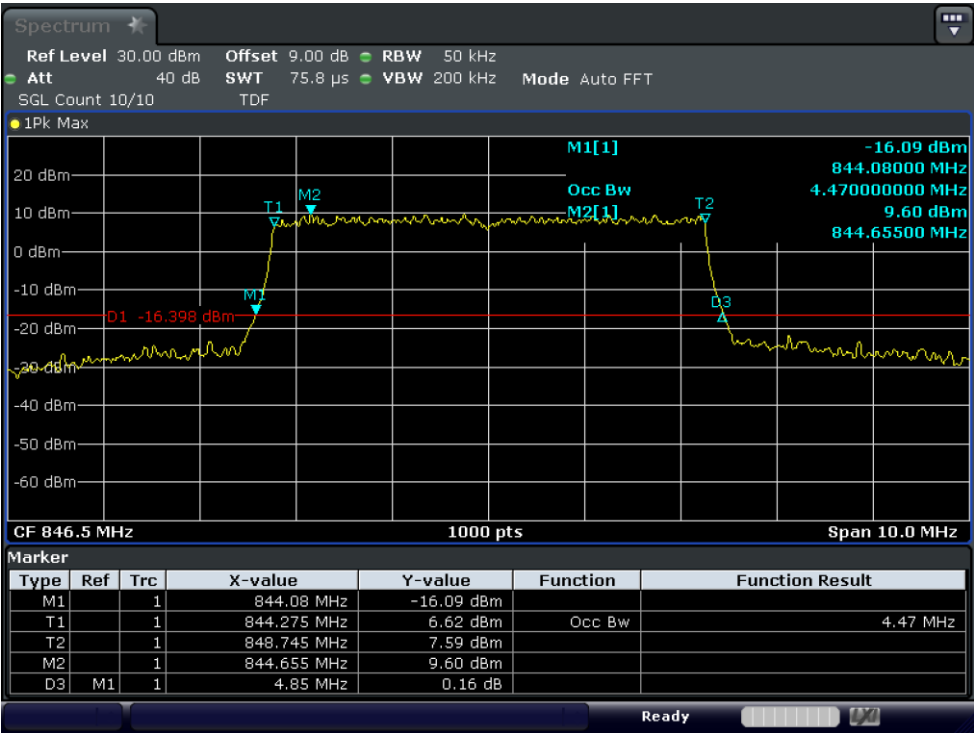
Test_Graph_band5_826.5MHz_5M_QPSK_25RB#LOW_OBW&EBW



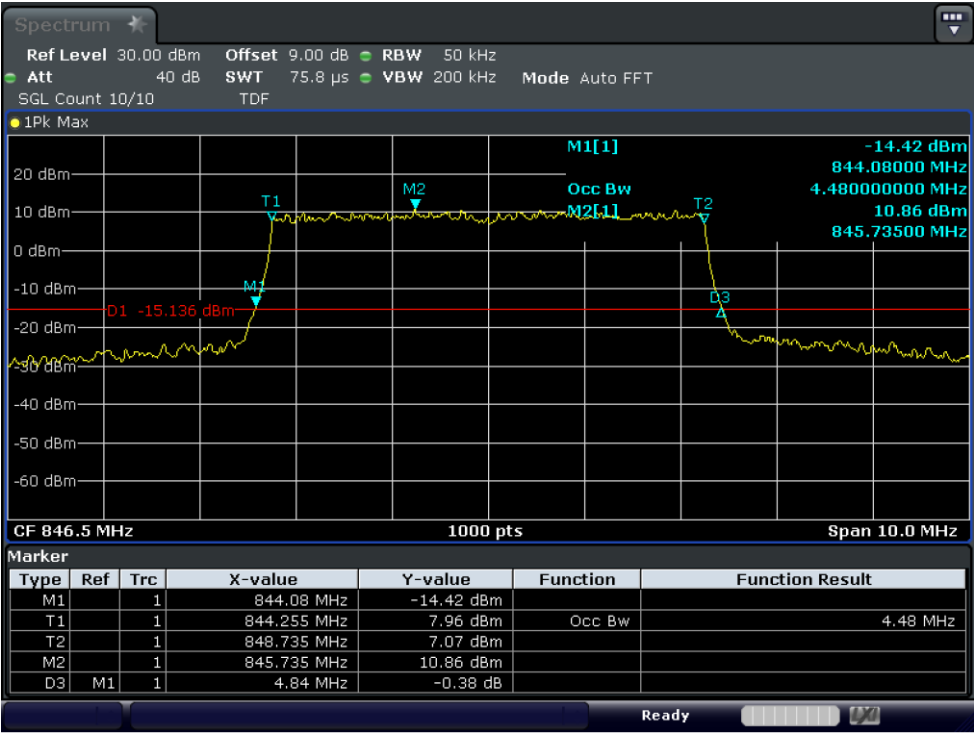
Test_Graph_band5_836.5MHz_5M_16QAM_25RB#LOW_OBW&EBW



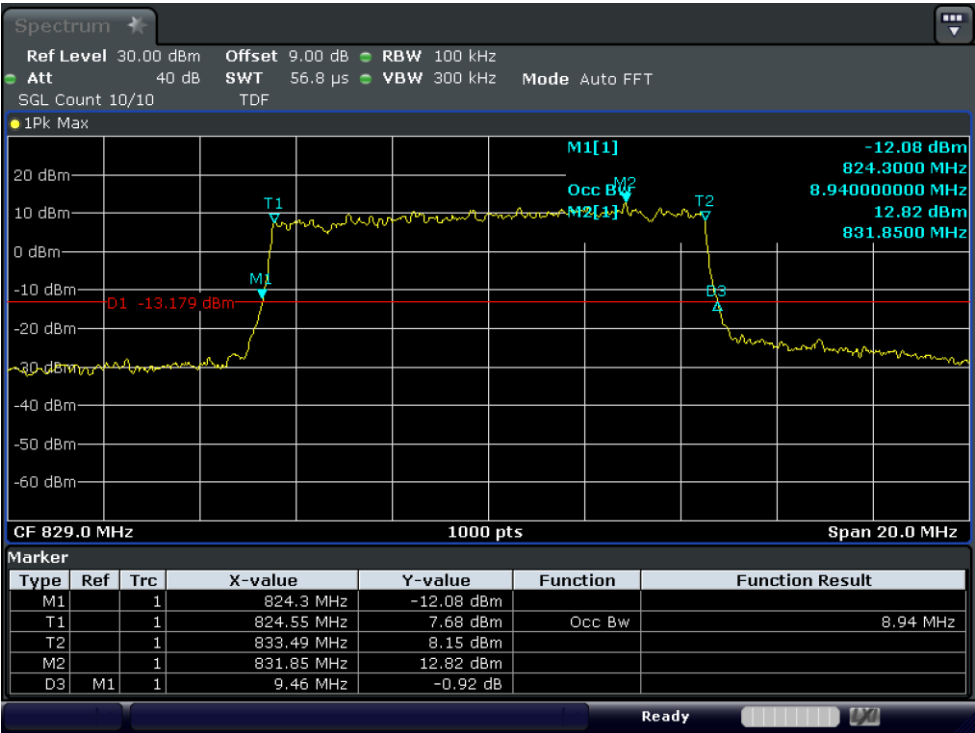
Test_Graph_band5_836.5MHz_5M_QPSK_25RB#LOW_OBW&EBW



Test_Graph_band5_846.5MHz_5M_16QAM_25RB#LOW_OBW&EBW



Test_Graph_band5_846.5MHz_5M_QPSK_25RB#LOW_OBW&EBW

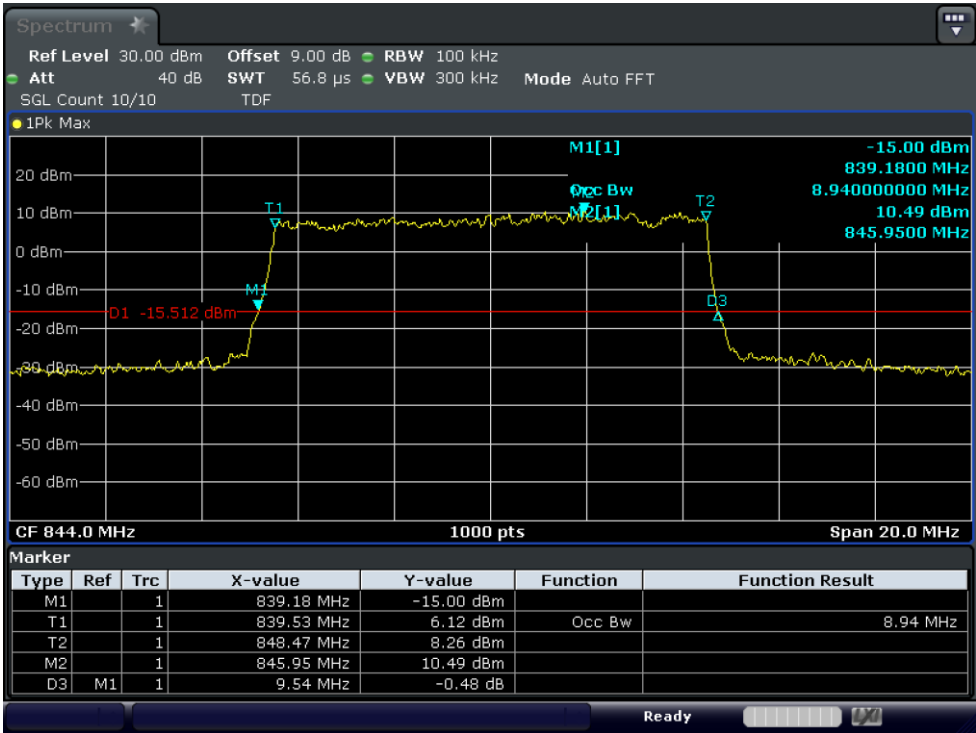


Test_Graph_band5_829MHz_10M_QPSK_50RB#LOW_OBW&EBW



Test_Graph_band5_836.5MHz_10M_QPSK_50RB#LOW_OBW&EBW





Test_Graph_band5_844MHz_10M_QPSK_50RB#LOW_OBW&EBW



Test Graph_band5_829MHz_10M_16QAM_27RB#LOW_OBW&EBW



Test Graph_band5_836.5MHz_10M_16QAM_27RB#LOW_OBW&EBW



Test Graph_band5_844MHz_10M_16QAM_27RB#LOW_OBW&EBW



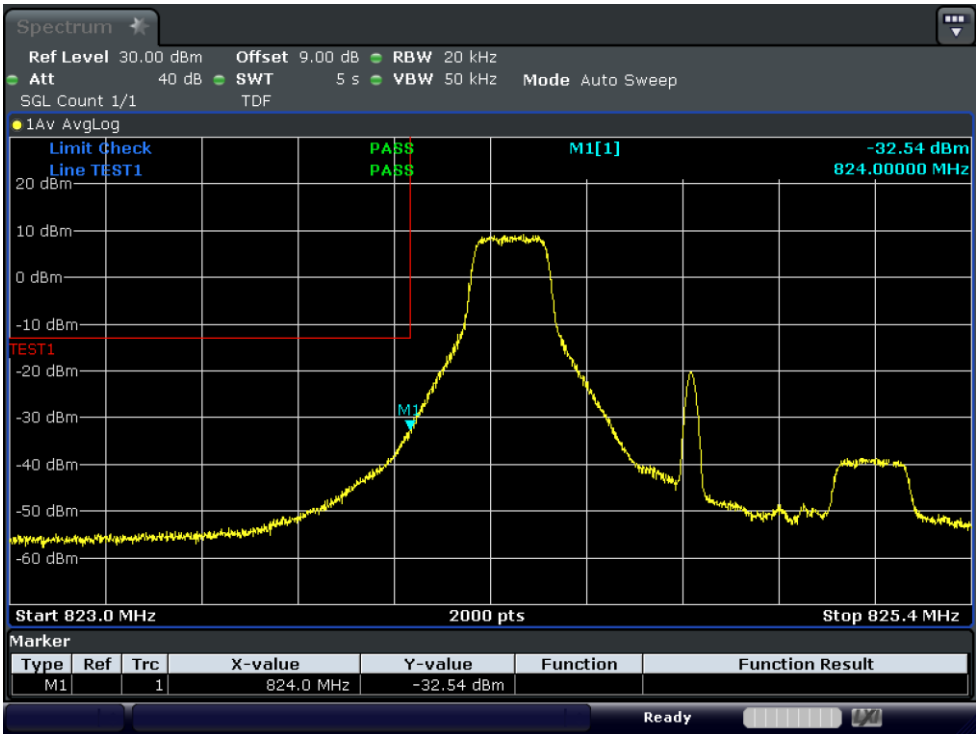
Appendix C: Band edge emissions

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



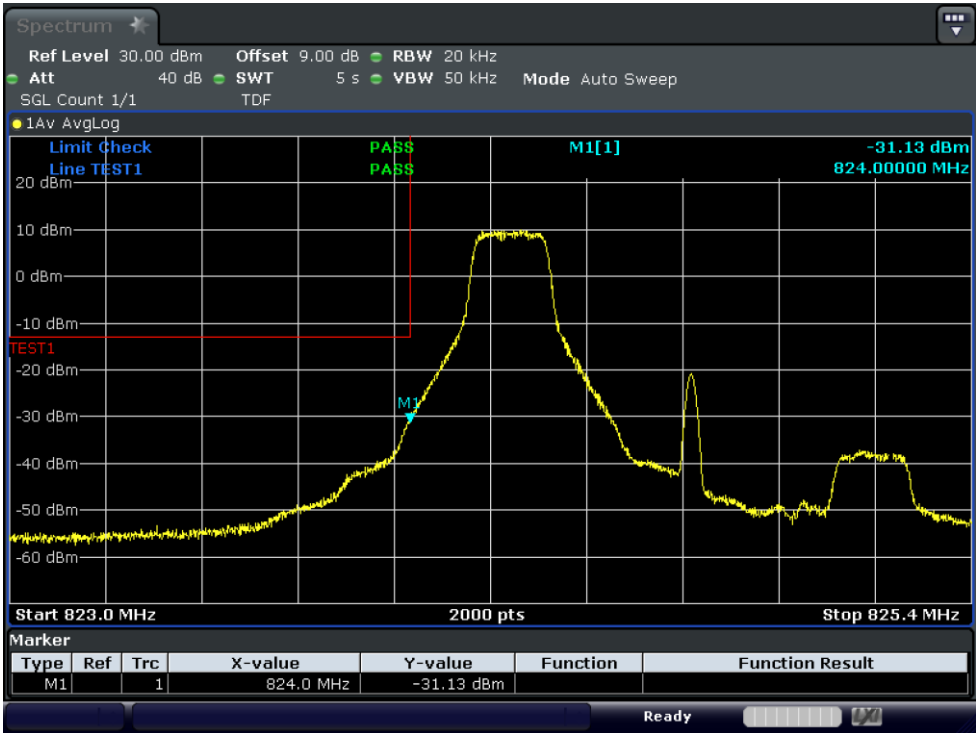
Test Graphs



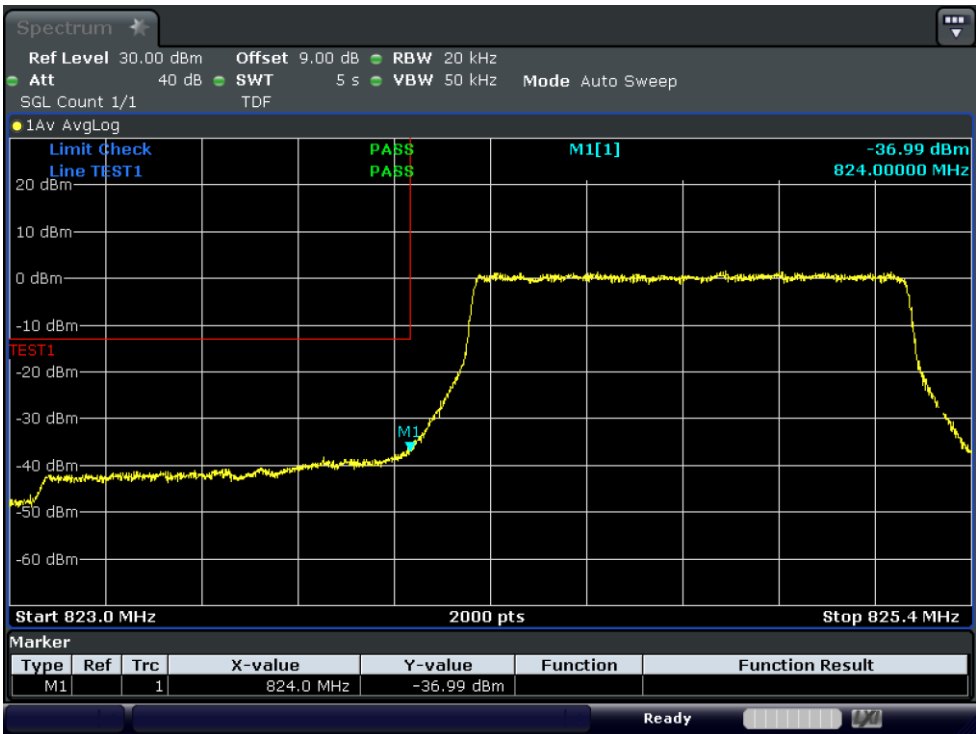
Test_Graph_band5_824.7MHz_1.4M_16QAM_1RB#LOW_Band edge



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



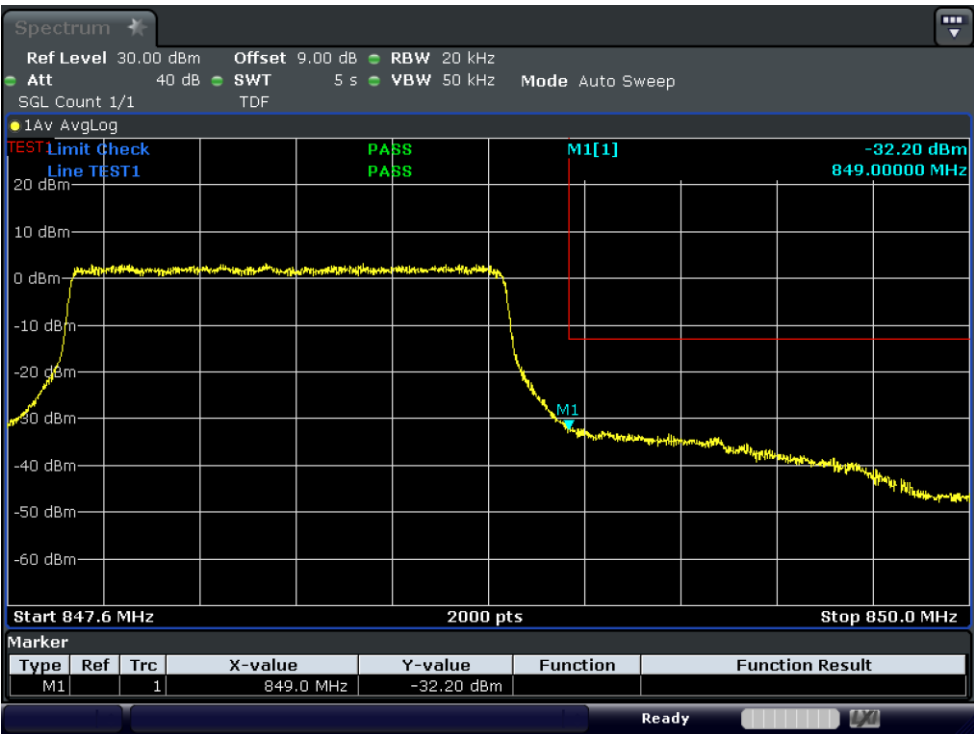
Test_Graph_band5_848.3MHz_1.4M_16QAM_1RB#HIGH_Band edge



Test_Graph_band5_848.3MHz_1.4M_16QAM_6RB#LOW_Band edge

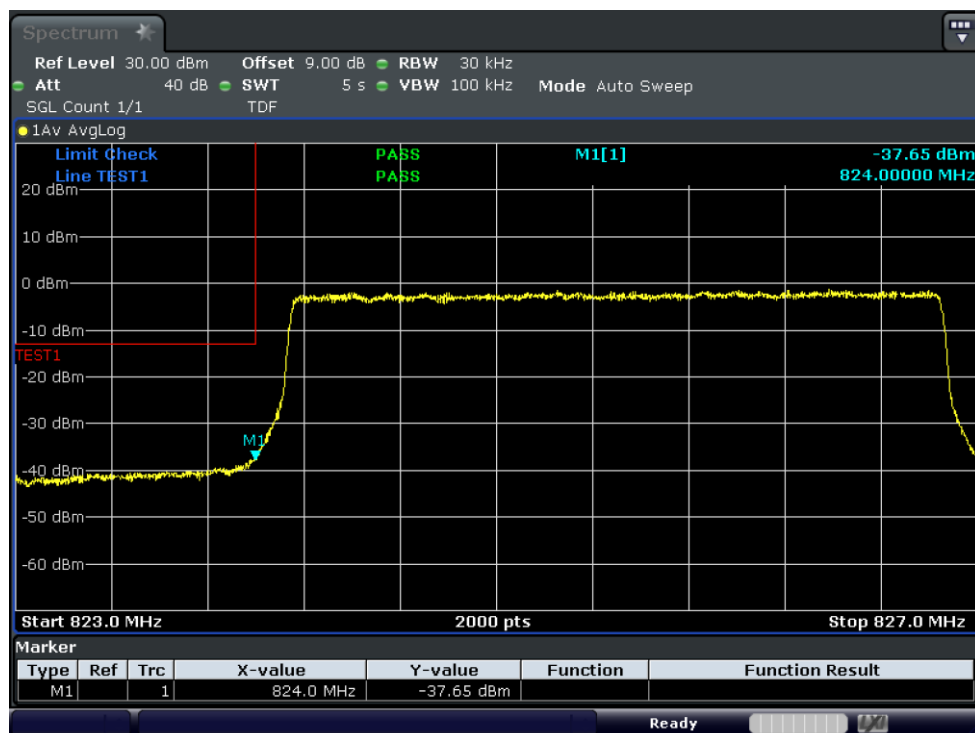


Test_Graph_band5_848.3MHz_1.4M_QPSK_1RB#HIGH_Band edge

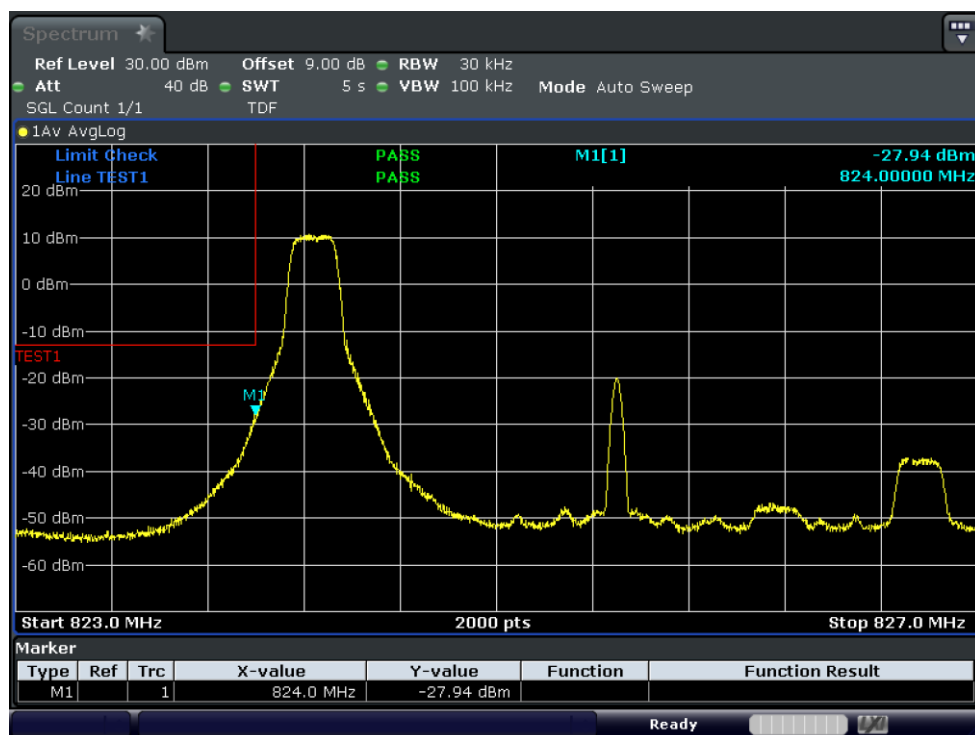


Test_Graph_band5_848.3MHz_1.4M_QPSK_6RB#LOW_Band edge



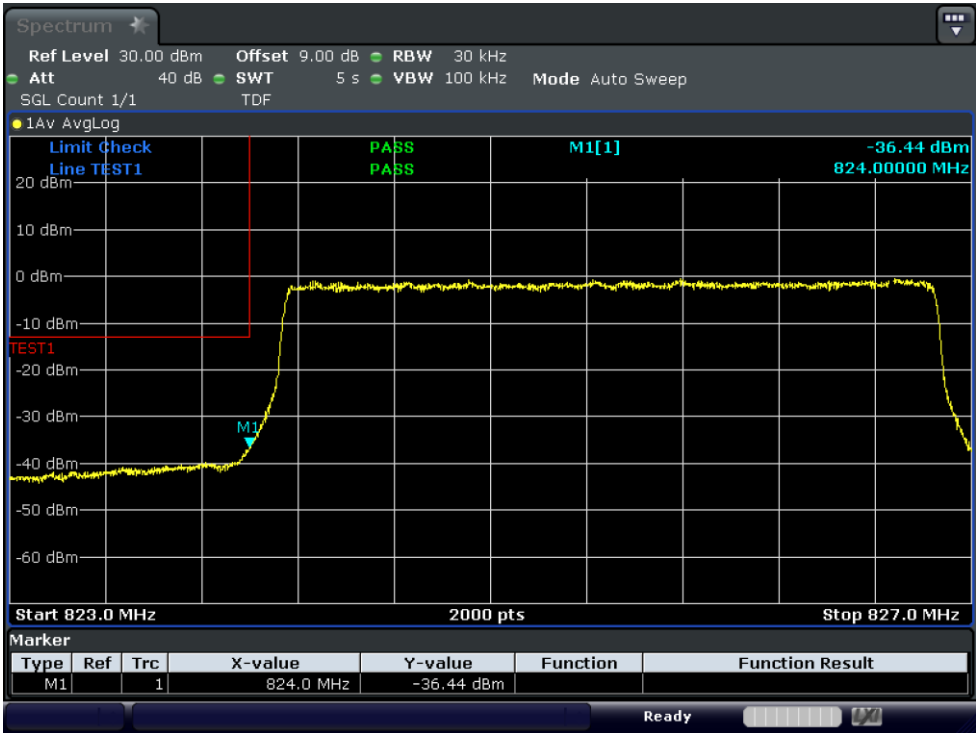


Test_Graph_band5_825.5MHz_3M_16QAM_15RB#LOW_Band edge

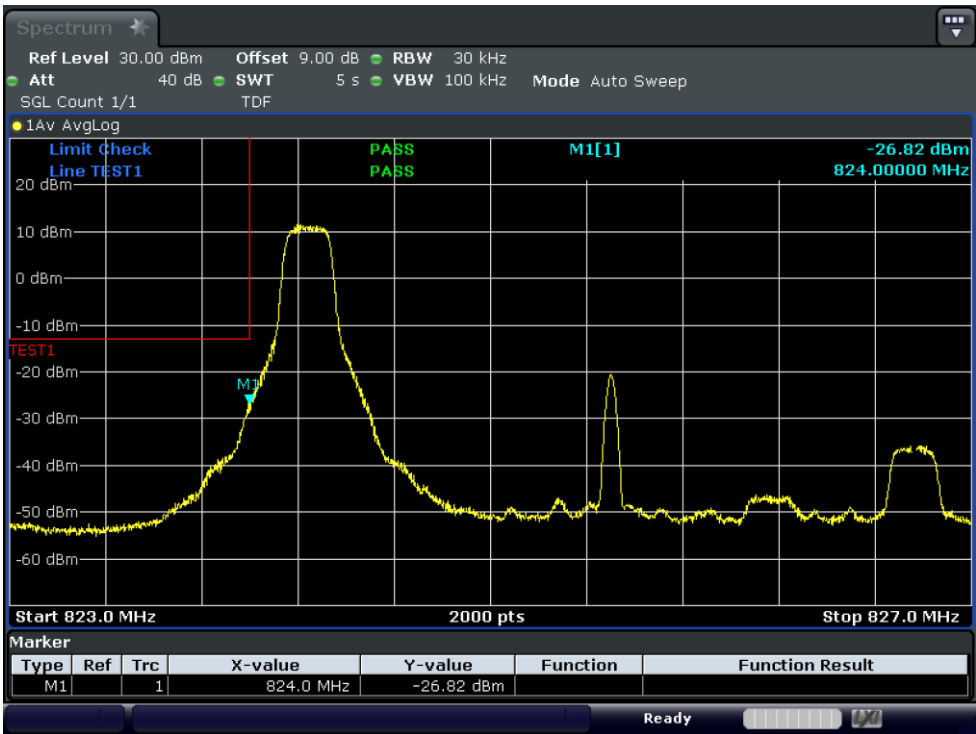


Test_Graph_band5_825.5MHz_3M_16QAM_1RB#LOW_Band edge



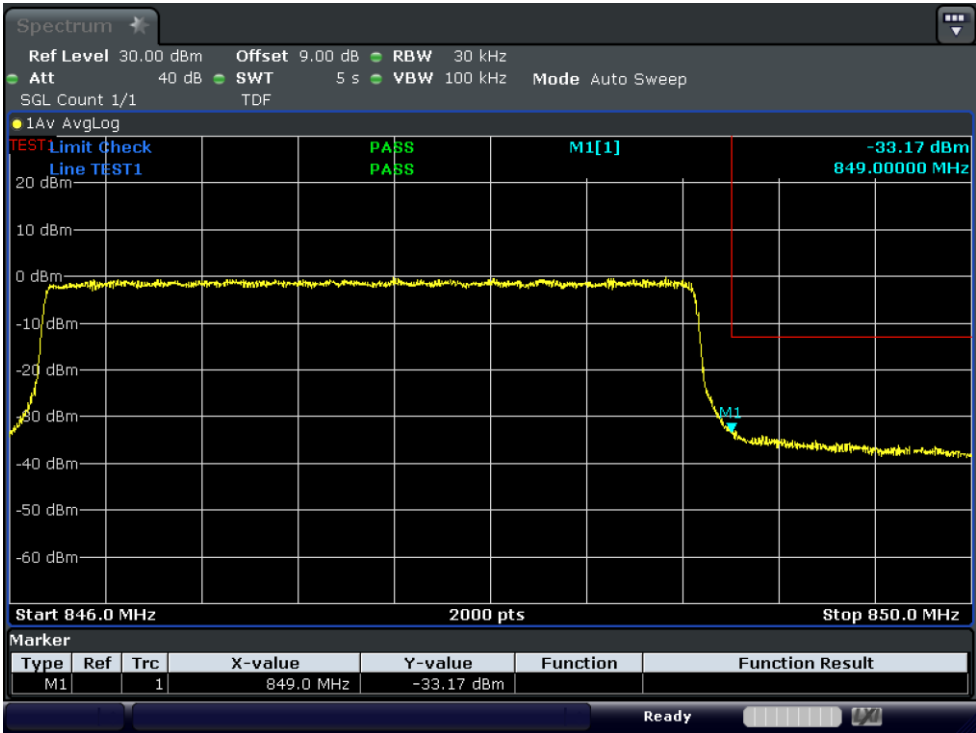


Test_Graph_band5_825.5MHz_3M_QPSK_15RB#LOW_Band edge

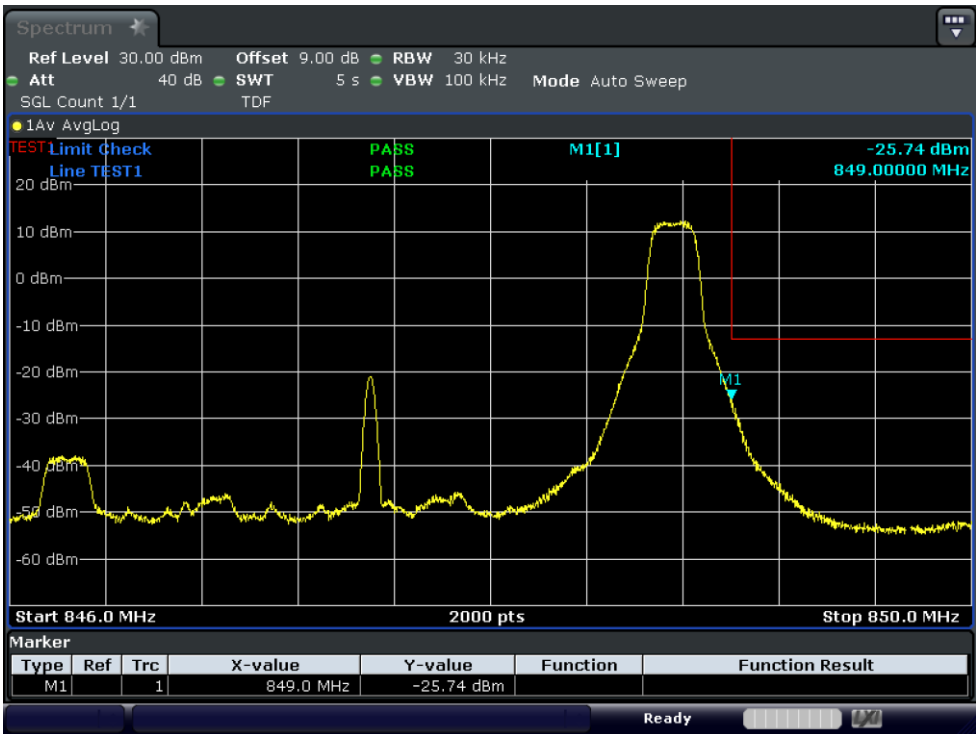


Test_Graph_band5_825.5MHz_3M_QPSK_1RB#LOW_Band edge

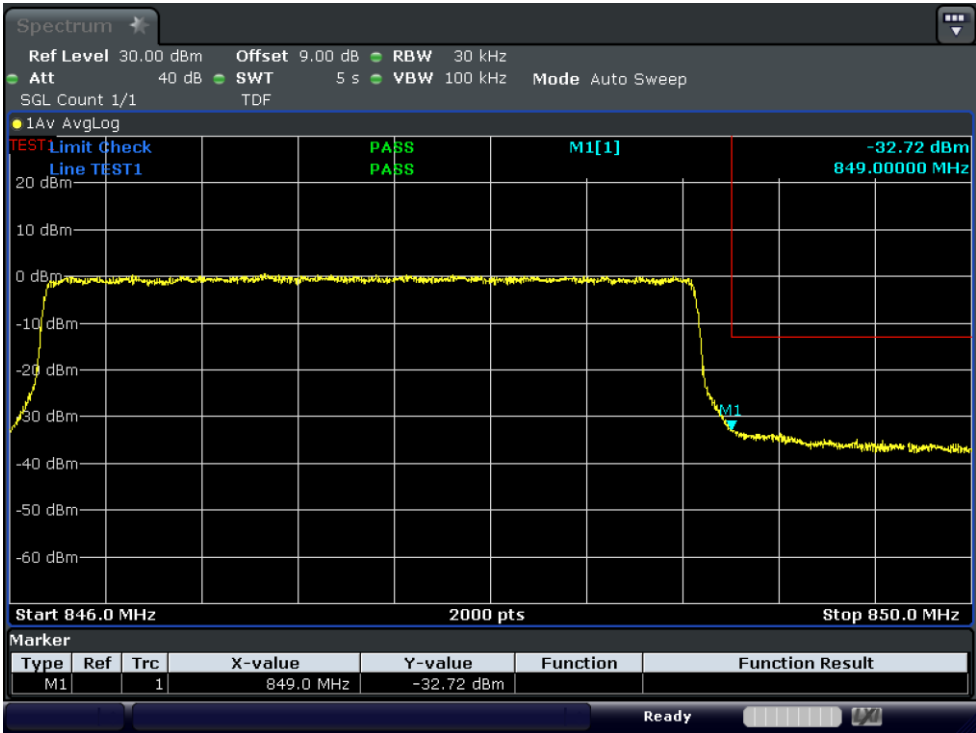




Test_Graph_band5_847.5MHz_3M_16QAM_15RB#LOW_Band edge



Test_Graph_band5_847.5MHz_3M_16QAM_1RB#HIGH_Band edge

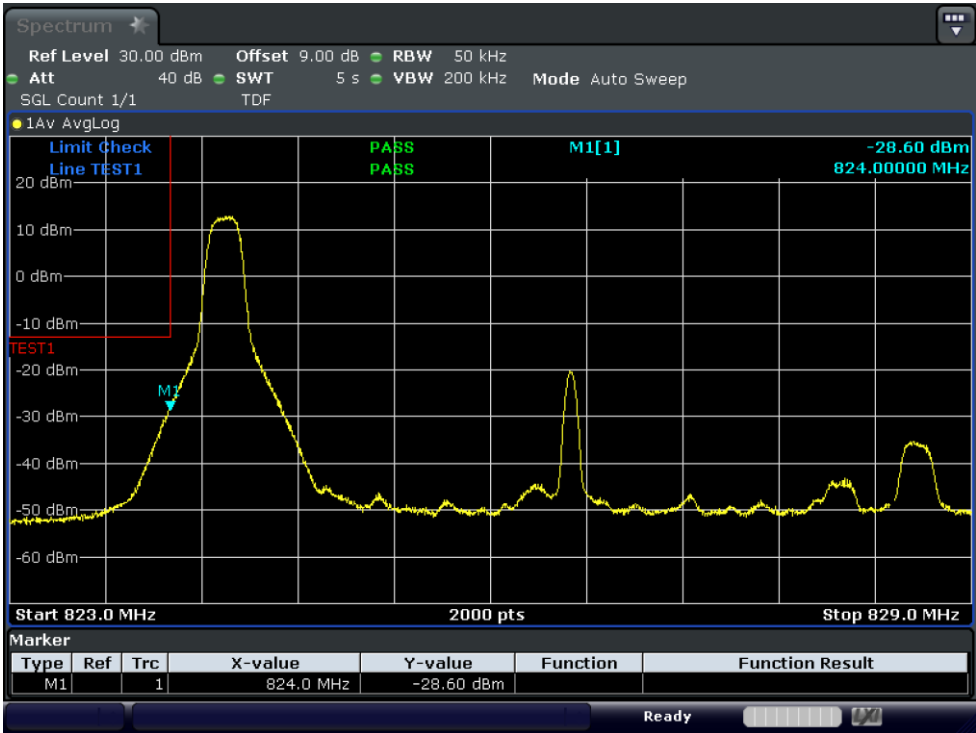


Test_Graph_band5_847.5MHz_3M_QPSK_15RB#LOW_Band edge

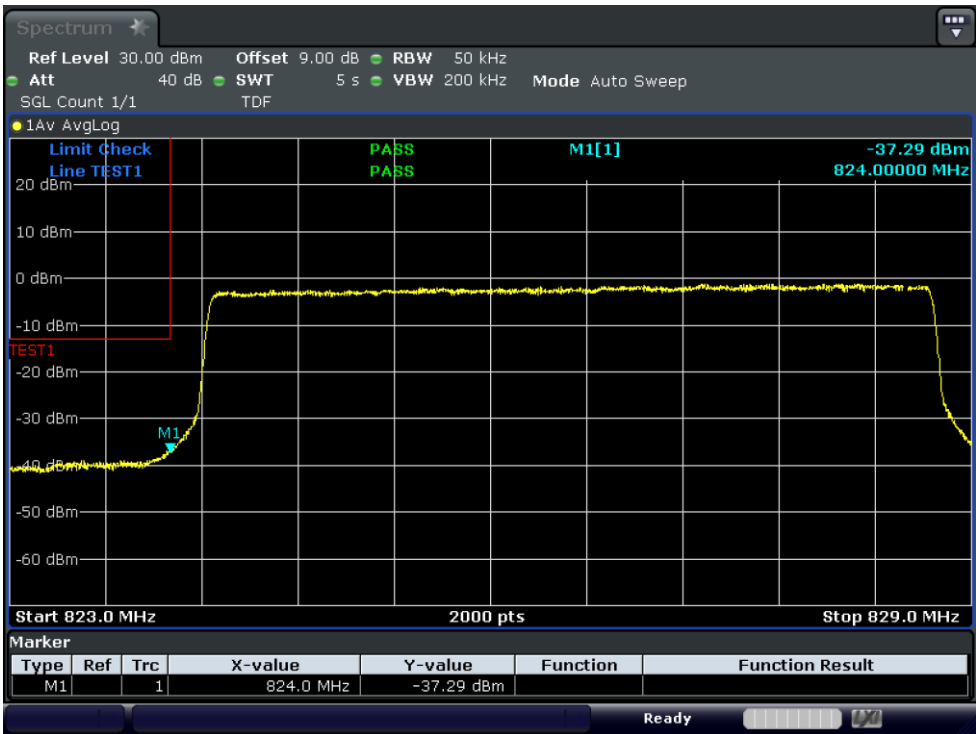


Test_Graph_band5_847.5MHz_3M_QPSK_1RB#HIGH_Band edge



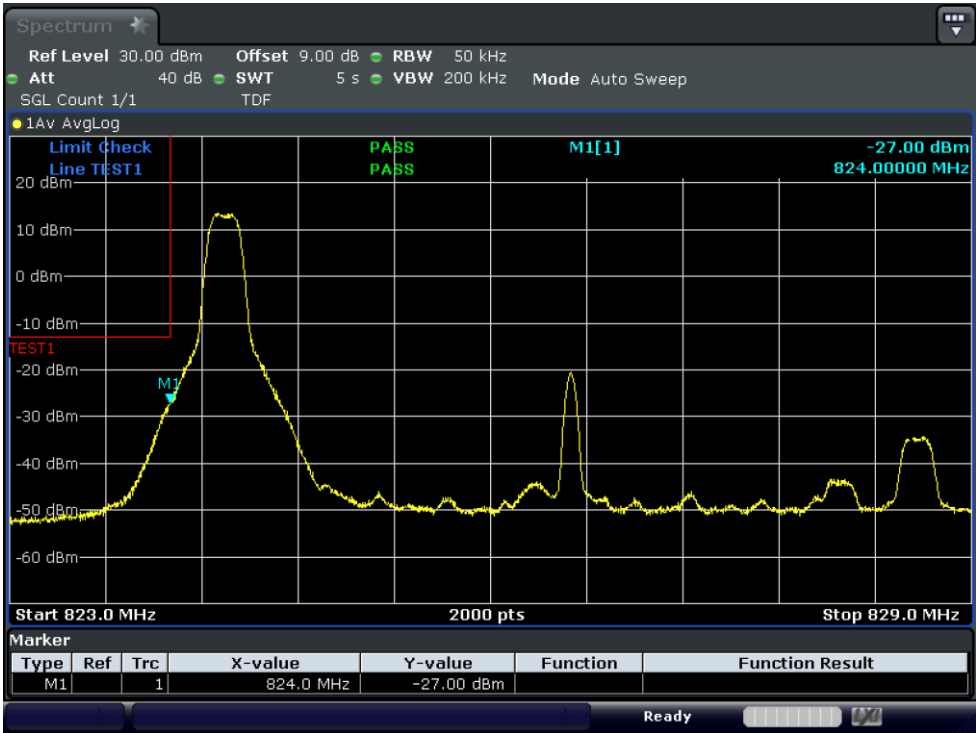


Test_Graph_band5_826.5MHz_5M_16QAM_1RB#LOW_Band edge

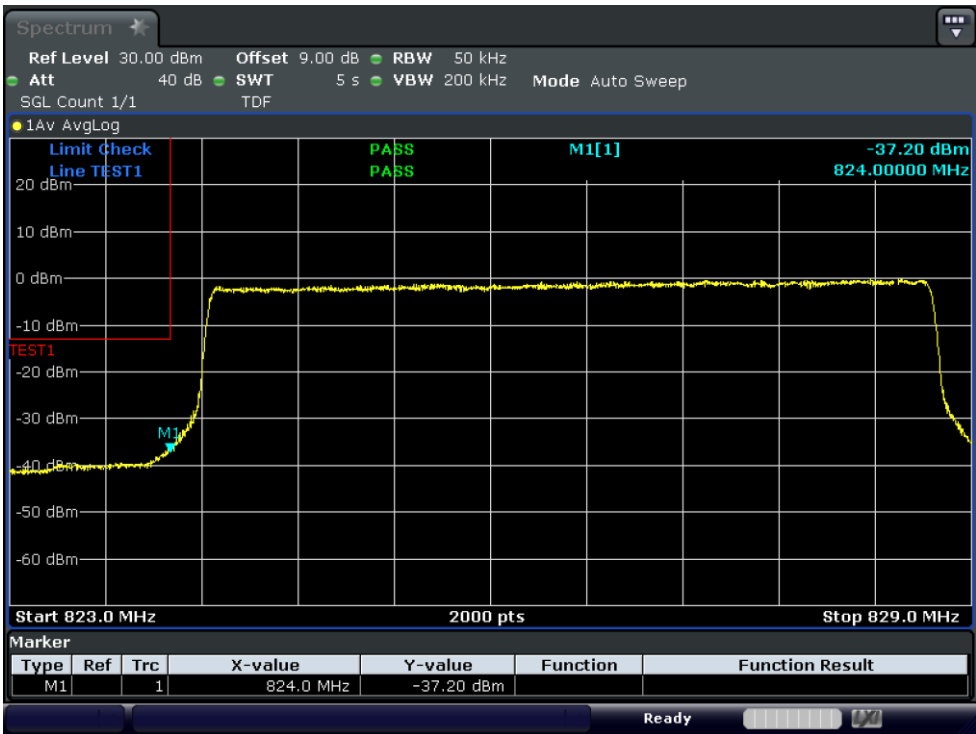


Test_Graph_band5_826.5MHz_5M_16QAM_25RB#LOW_Band edge



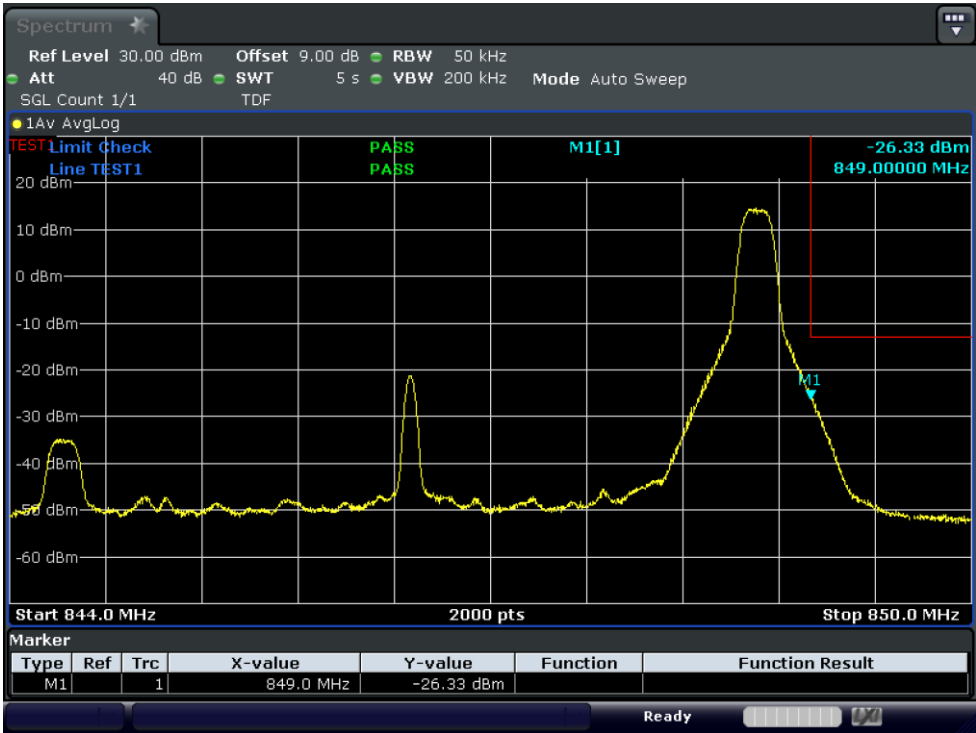


Test_Graph_band5_826.5MHz_5M_QPSK_1RB#LOW_Band edge

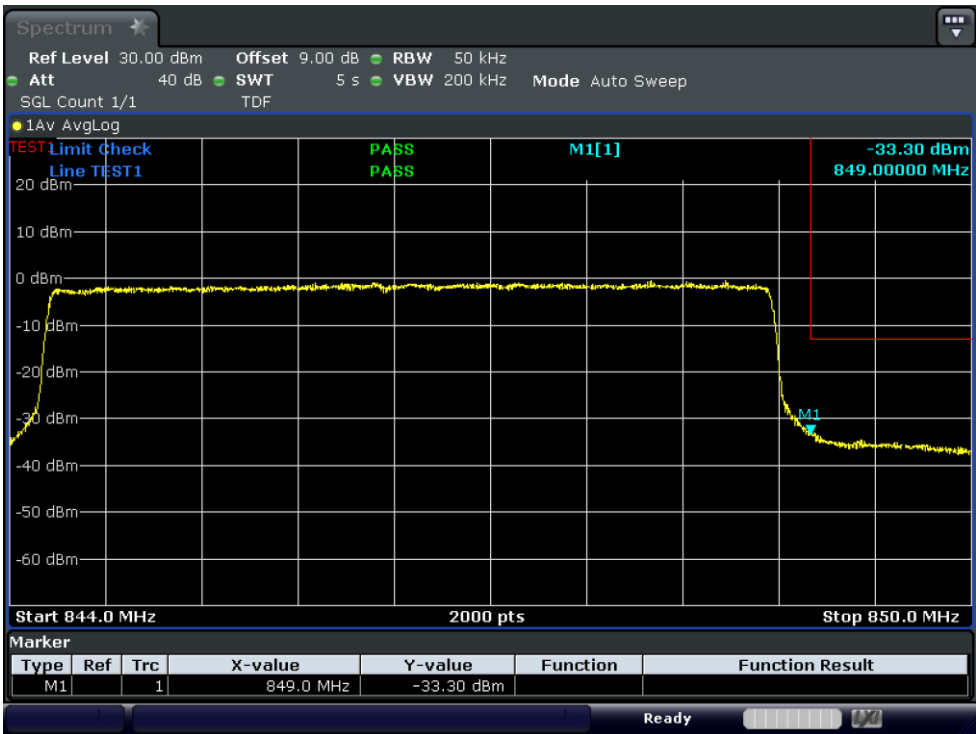


Test_Graph_band5_826.5MHz_5M_QPSK_25RB#LOW_Band edge



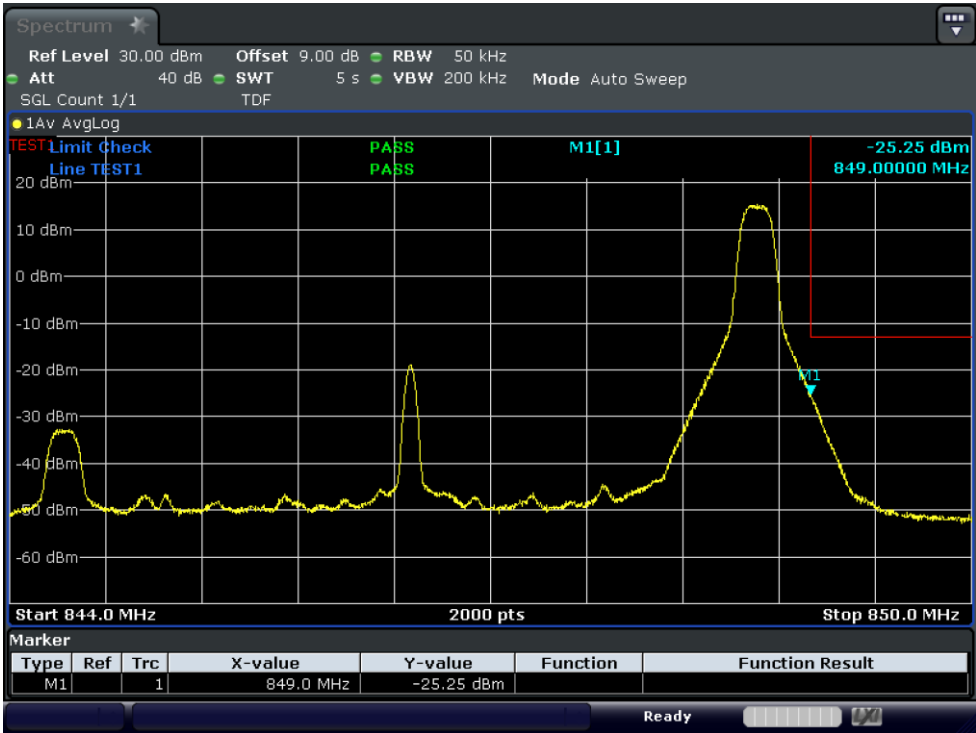


Test_Graph_band5_846.5MHz_5M_16QAM_1RB#HIGH_Band edge

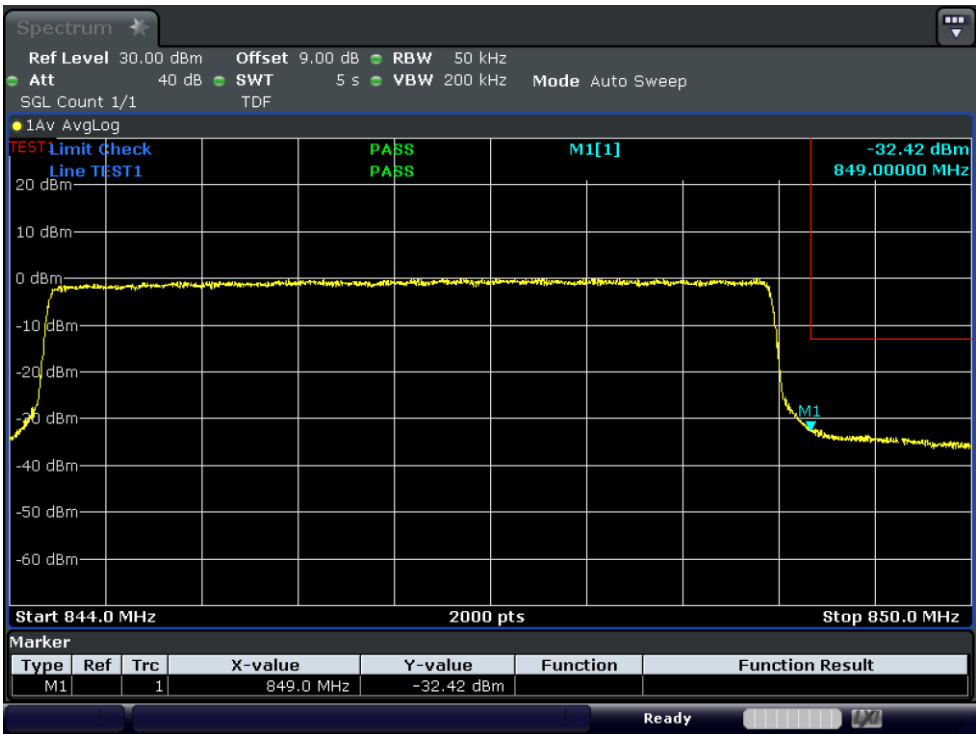


Test_Graph_band5_846.5MHz_5M_16QAM_25RB#LOW_Band edge





Test_Graph_band5_846.5MHz_5M_QPSK_1RB#HIGH_Band edge



Test_Graph_band5_846.5MHz_5M_QPSK_25RB#LOW_Band edge

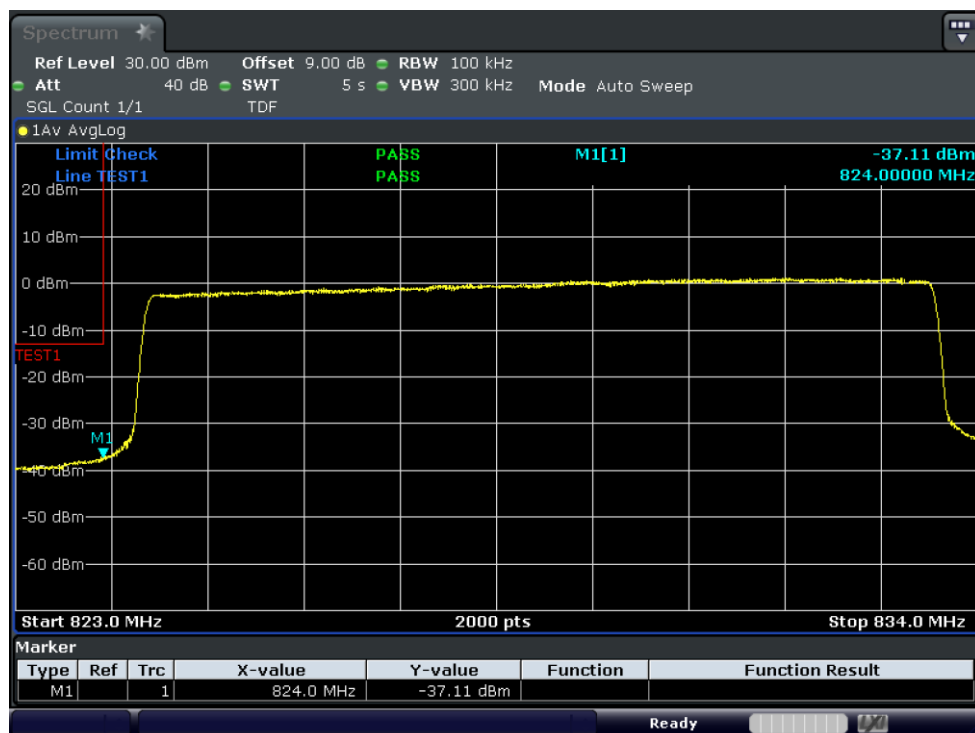




Test_Graph_band5_829MHz_10M_16QAM_1RB#LOW_Band edge



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

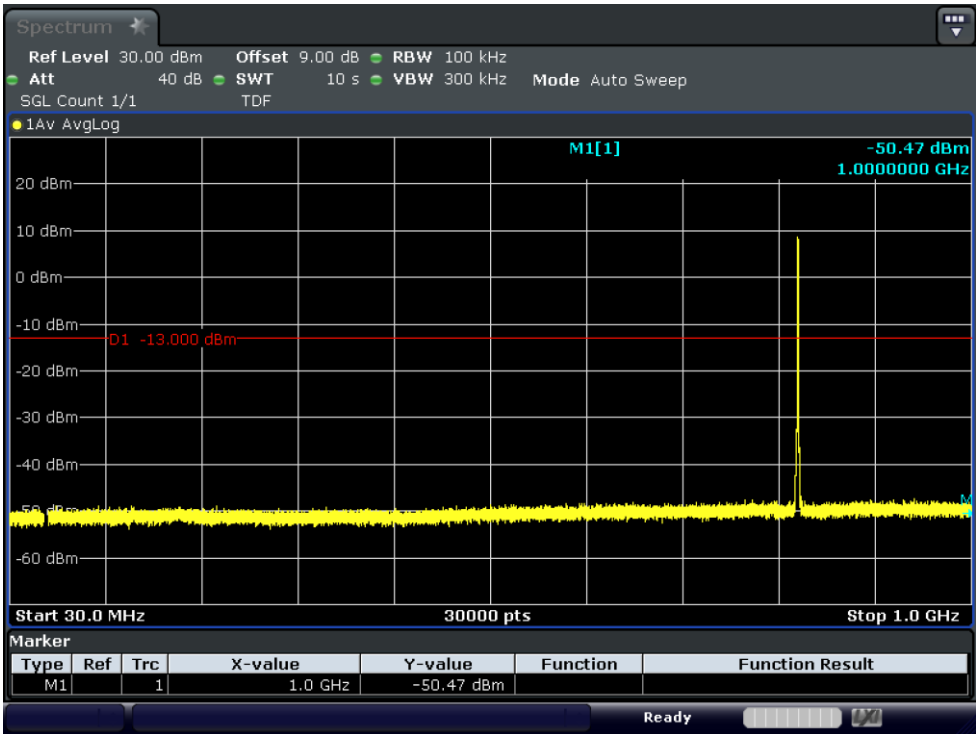
Test Result

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

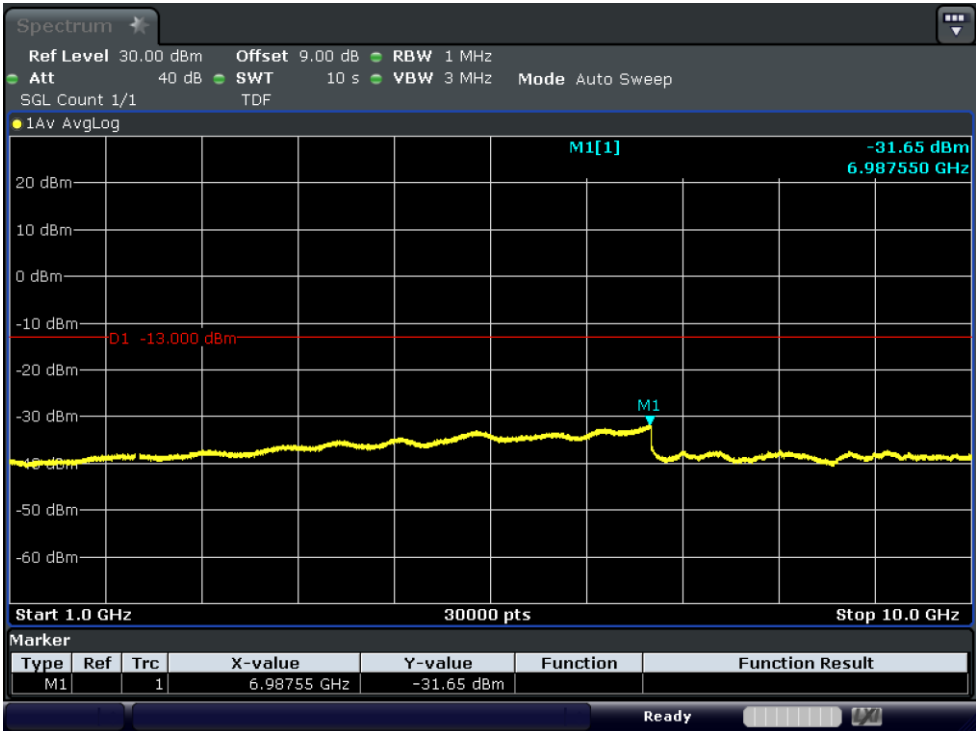
Note: Both QPSK and 16QAM modulation modes were tested. Since the QPSK mode produced the worst-case results, only the corresponding QPSK test results are included in this report.



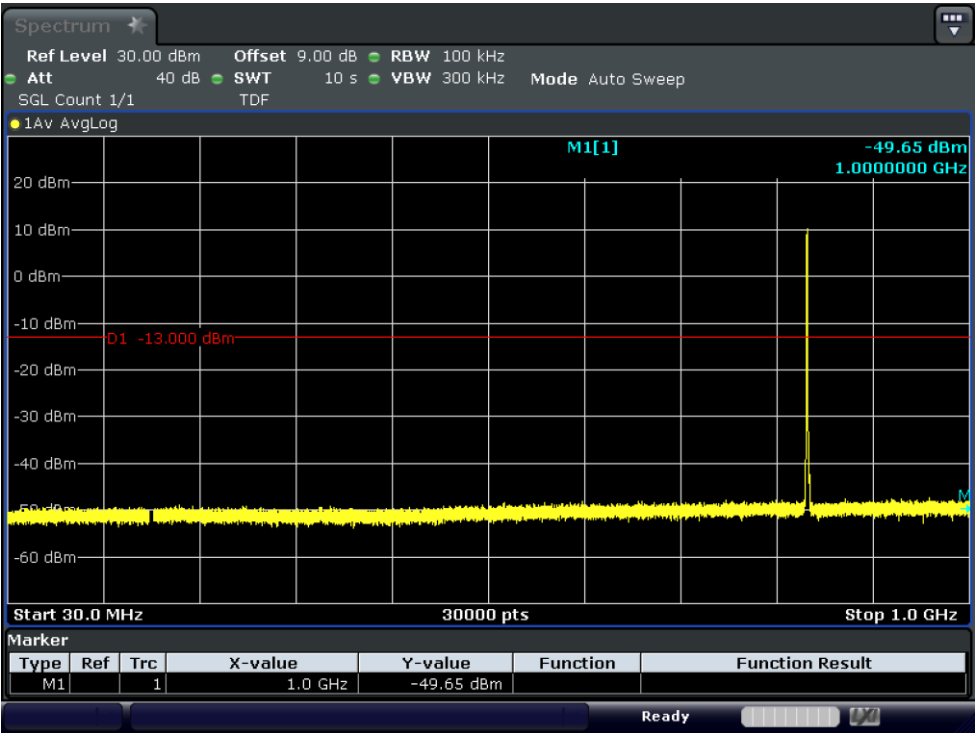
Test Graphs



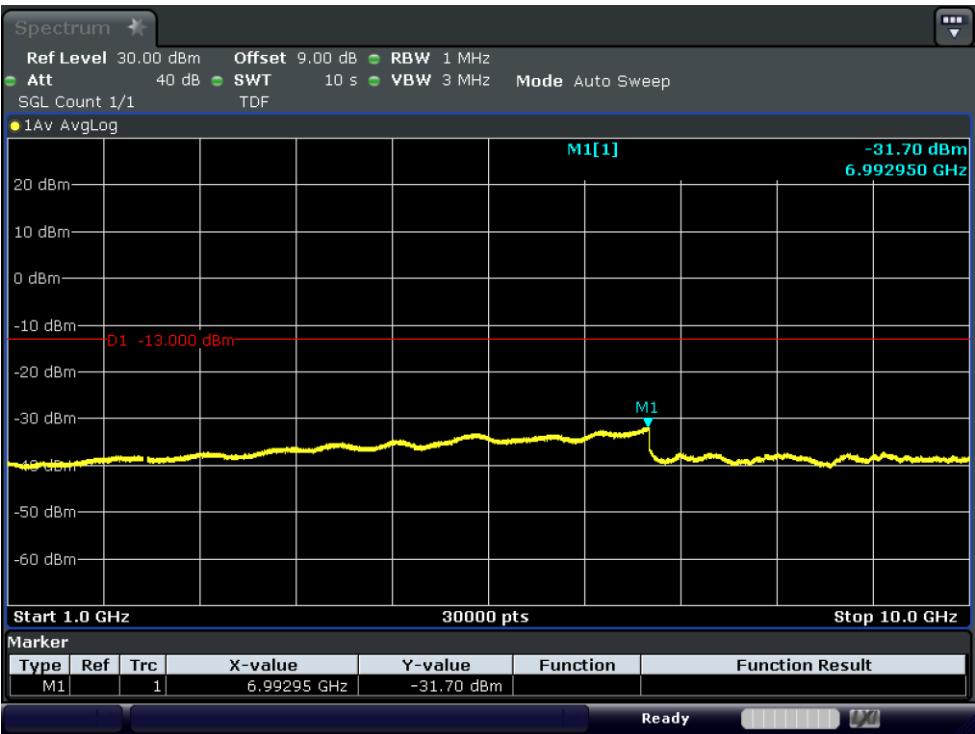
Test_Graph_band5_824.7MHz_1.4M_QPSK_6RB#LOW_30M_1G_TX



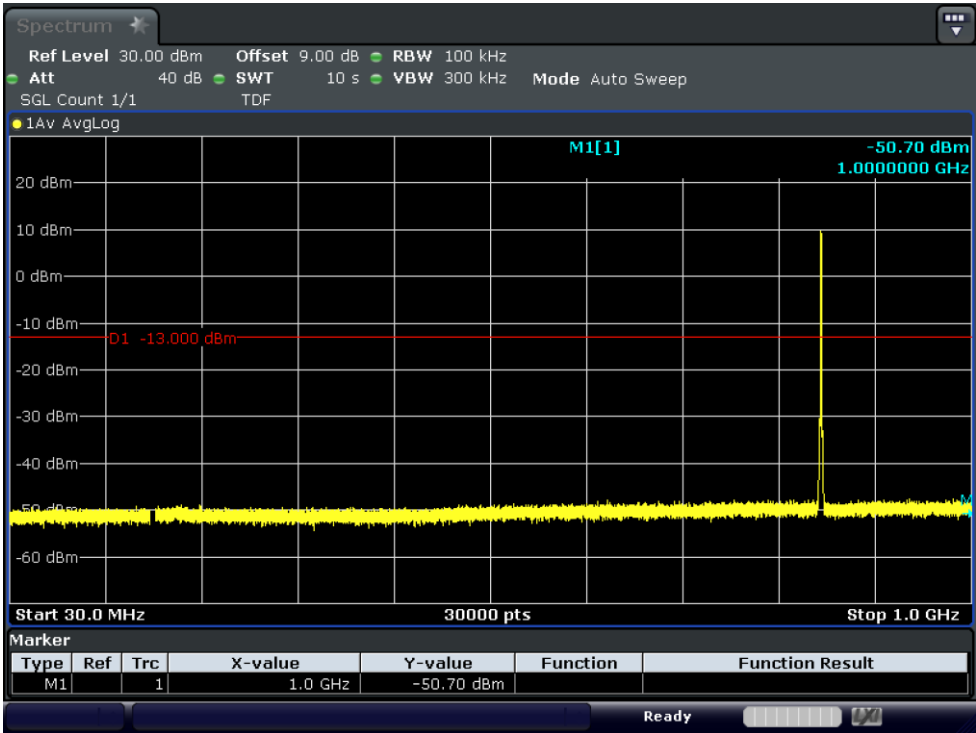
Test_Graph_band5_824.7MHz_1.4M_QPSK_6RB#LOW_1G_10G_TX



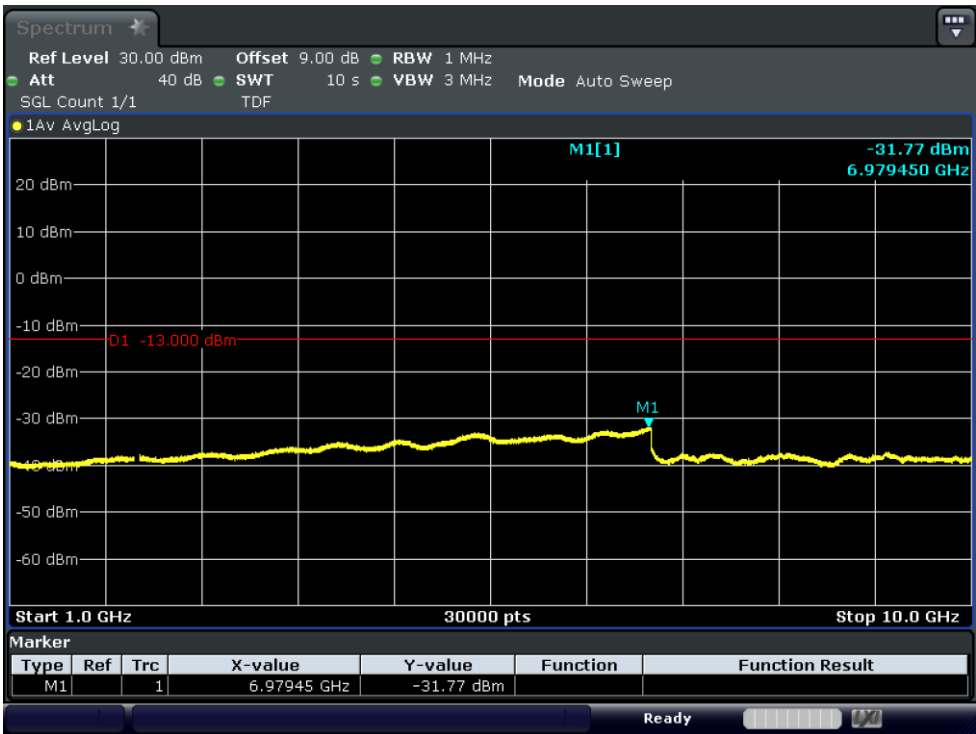
Test_Graph_band5_836.5MHz_1.4M_QPSK_6RB#LOW_30M_1G_TX



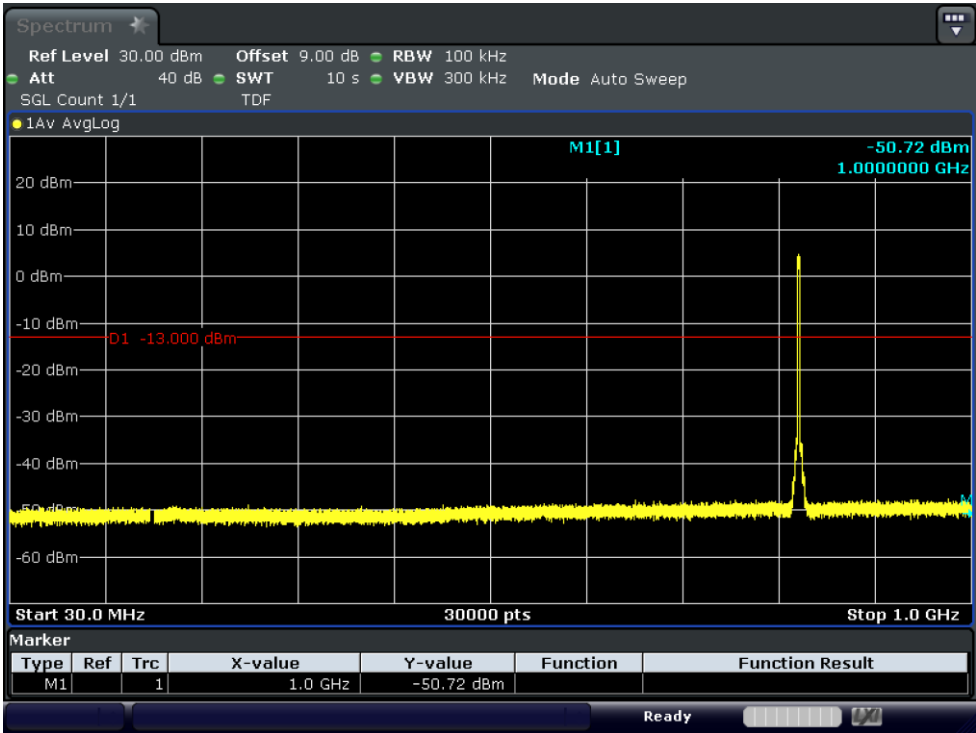
Test_Graph_band5_836.5MHz_1.4M_QPSK_6RB#LOW_1G_10G_TX



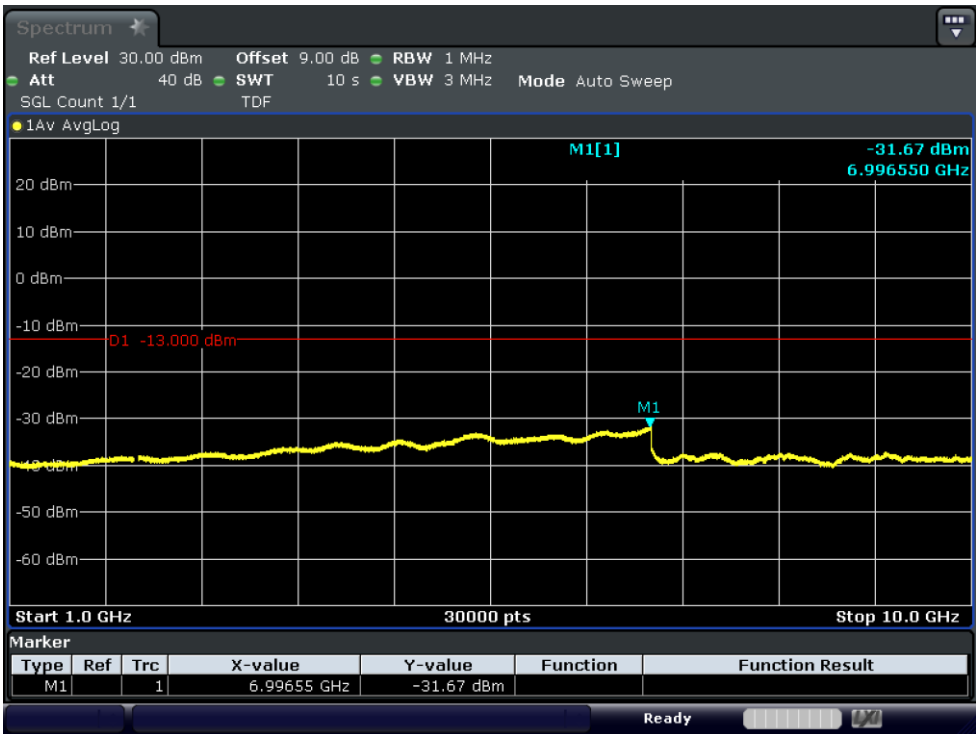
Test_Graph_band5_848.3MHz_1.4M_QPSK_6RB#LOW_30M_1G_TX



Test_Graph_band5_848.3MHz_1.4M_QPSK_6RB#LOW_1G_10G_TX

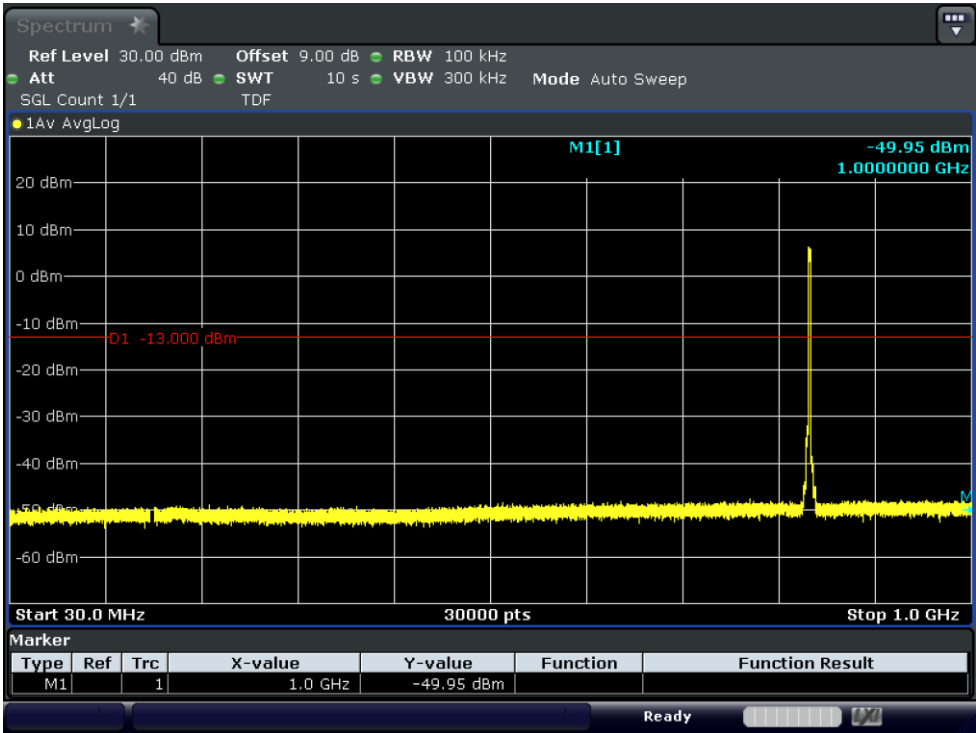


Test_Graph_band5_825.5MHz_3M_QPSK_15RB#LOW_30M_1G_TX

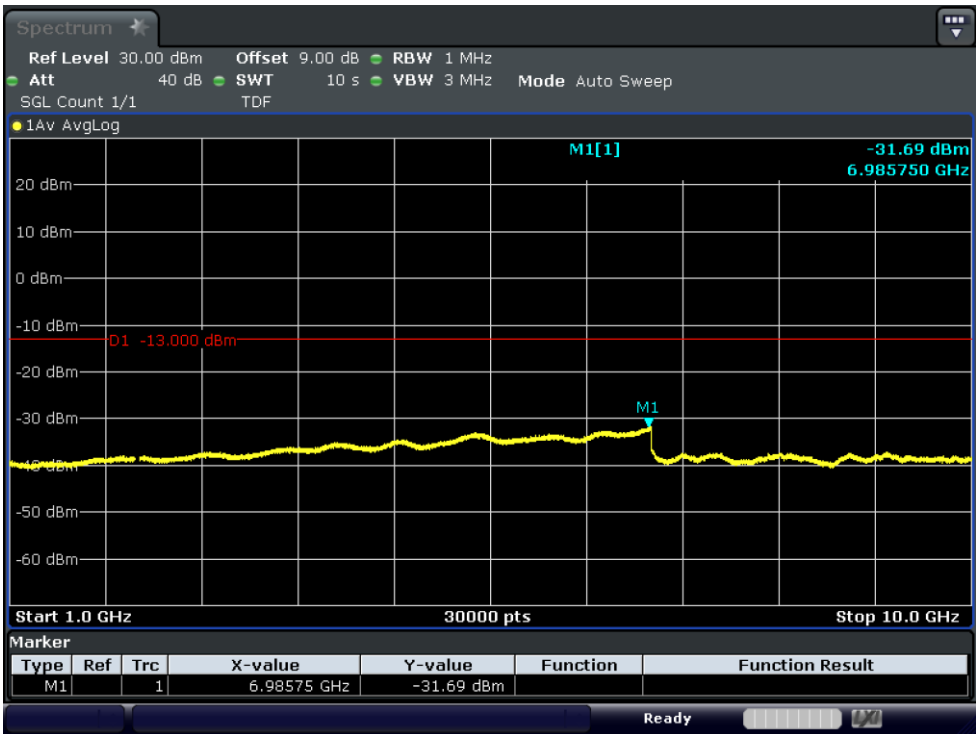


Test_Graph_band5_825.5MHz_3M_QPSK_15RB#LOW_1G_10G_TX

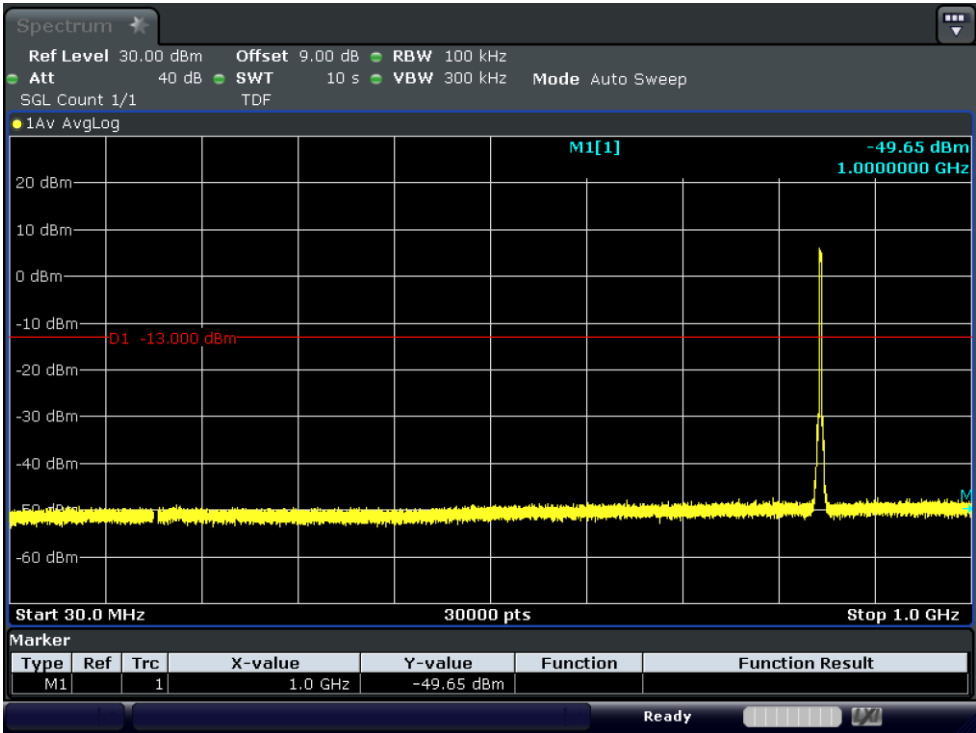




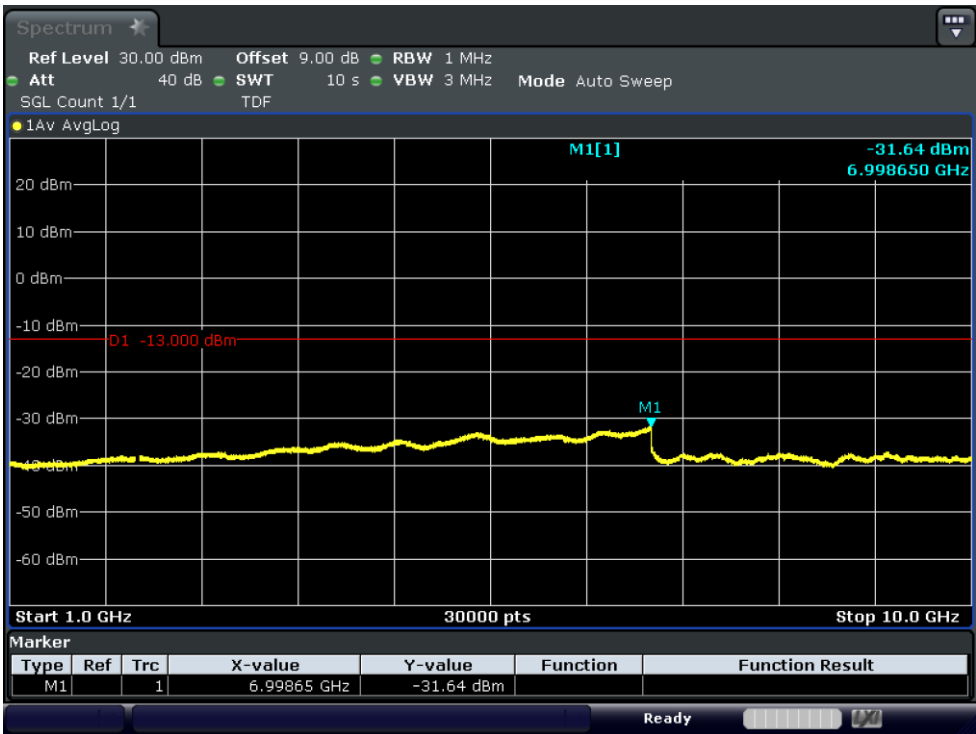
Test_Graph_band5_836.5MHz_3M_QPSK_15RB#LOW_30M_1G_TX



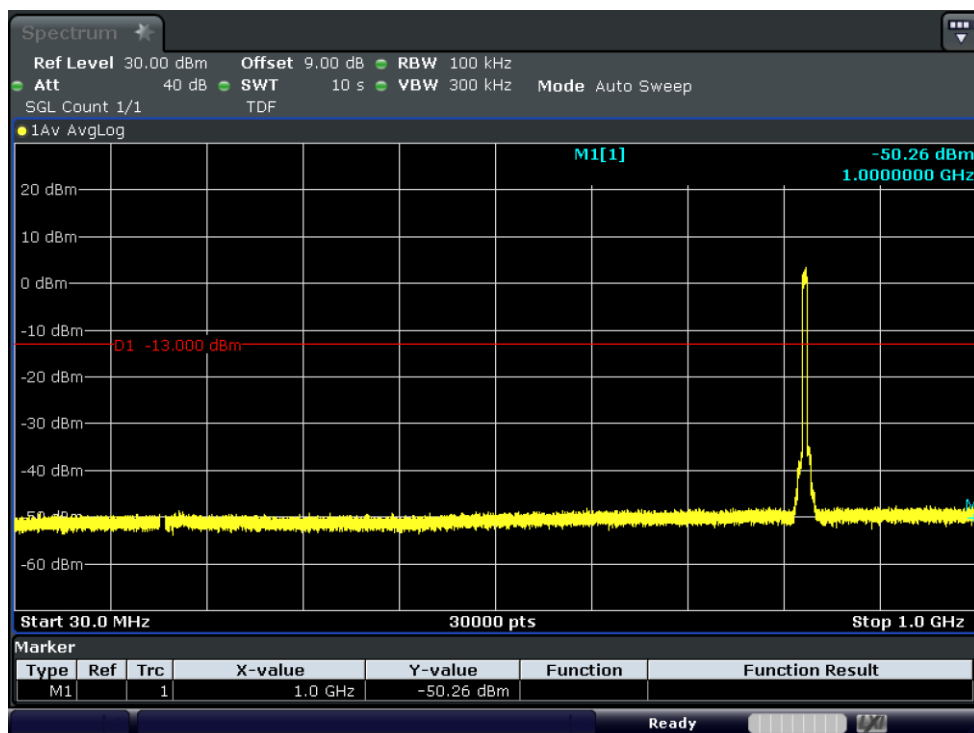
Test_Graph_band5_836.5MHz_3M_QPSK_15RB#LOW_1G_10G_TX



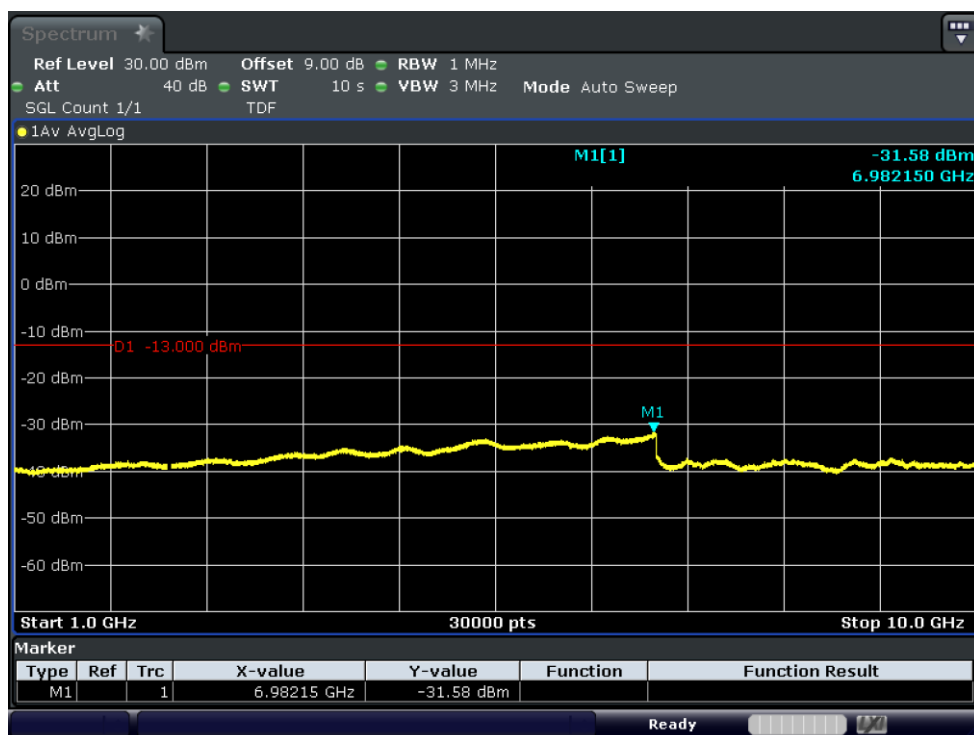
Test_Graph_band5_847.5MHz_3M_QPSK_15RB#LOW_30M_1G_TX



Test_Graph_band5_847.5MHz_3M_QPSK_15RB#LOW_1G_10G_TX

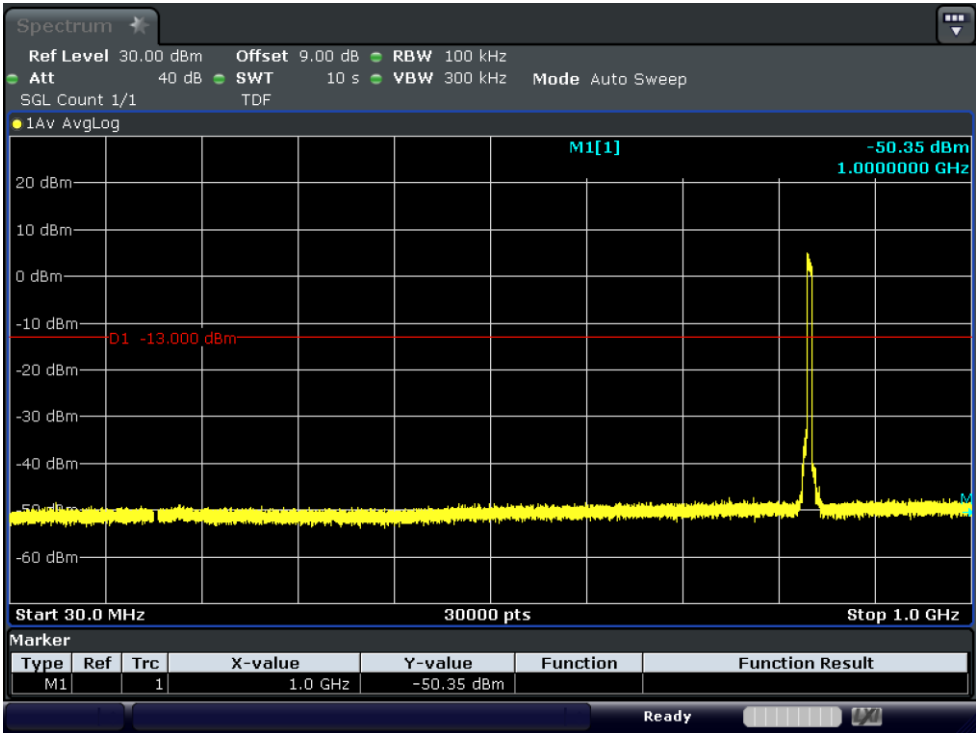


Test_Graph_band5_826.5MHz_5M_QPSK_25RB#LOW_30M_1G_TX

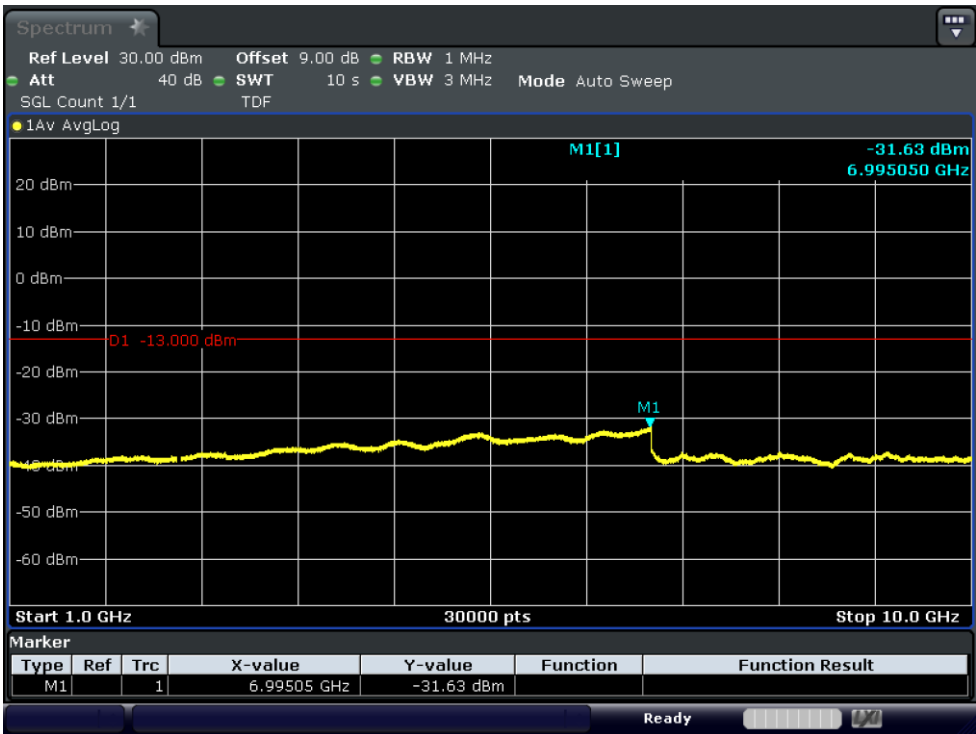


Test_Graph_band5_826.5MHz_5M_QPSK_25RB#LOW_1G_10G_TX





Test_Graph_band5_836.5MHz_5M_QPSK_25RB#LOW_30M_1G_TX



Test_Graph_band5_836.5MHz_5M_QPSK_25RB#LOW_1G_10G_TX