

Appendix Test Data for LTE band 66(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)	EIRP (dBm)	Limit (dBm)	Conclusion
66	1.4	1710.7	QPSK	6	LOW	22.07	27.86	5.79	13	1.5	23.57	30	Pass
66	1.4	1710.7	QPSK	3	LOW	22.88	28.2	5.32	13	1.5	24.38	30	Pass
66	1.4	1710.7	QPSK	3	MID	22.83	28.14	5.31	13	1.5	24.33	30	Pass
66	1.4	1710.7	QPSK	3	HIGH	22.79	28	5.21	13	1.5	24.29	30	Pass
66	1.4	1710.7	QPSK	1	LOW	22.78	27.46	4.68	13	1.5	24.28	30	Pass
66	1.4	1710.7	QPSK	1	MID	22.75	27.24	4.49	13	1.5	24.25	30	Pass
66	1.4	1710.7	QPSK	1	HIGH	22.67	27.32	4.65	13	1.5	24.17	30	Pass
66	1.4	1710.7	16QAM	6	LOW	20.96	27.6	6.64	13	1.5	22.46	30	Pass
66	1.4	1710.7	16QAM	3	LOW	21.95	27.58	5.63	13	1.5	23.45	30	Pass
66	1.4	1710.7	16QAM	3	MID	21.94	27.56	5.62	13	1.5	23.44	30	Pass
66	1.4	1710.7	16QAM	3	HIGH	21.9	27.78	5.88	13	1.5	23.4	30	Pass
66	1.4	1710.7	16QAM	1	LOW	21.89	27.08	5.19	13	1.5	23.39	30	Pass
66	1.4	1710.7	16QAM	1	MID	21.88	26.99	5.11	13	1.5	23.38	30	Pass
66	1.4	1710.7	16QAM	1	HIGH	21.85	27.07	5.22	13	1.5	23.35	30	Pass
66	1.4	1745	QPSK	6	LOW	22.19	27.74	5.55	13	1.5	23.69	30	Pass
66	1.4	1745	QPSK	3	LOW	23.05	27.61	4.56	13	1.5	24.55	30	Pass
66	1.4	1745	QPSK	3	MID	23.04	27.6	4.56	13	1.5	24.54	30	Pass
66	1.4	1745	QPSK	3	HIGH	23	27.68	4.68	13	1.5	24.5	30	Pass
66	1.4	1745	QPSK	1	LOW	23.03	27.52	4.49	13	1.5	24.53	30	Pass
66	1.4	1745	QPSK	1	MID	23	27.41	4.41	13	1.5	24.5	30	Pass
66	1.4	1745	QPSK	1	HIGH	23.02	27.53	4.51	13	1.5	24.52	30	Pass
66	1.4	1745	16QAM	6	LOW	21.29	27.83	6.54	13	1.5	22.79	30	Pass





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66	1.4	1745	16QAM	3	LOW	22.37	27.48	5.11	13	1.5	23.87	30	Pass
66	1.4	1745	16QAM	3	MID	22.37	27.49	5.12	13	1.5	23.87	30	Pass
66	1.4	1745	16QAM	3	HIGH	22.4	27.51	5.11	13	1.5	23.9	30	Pass
66	1.4	1745	16QAM	1	LOW	22.25	27.16	4.91	13	1.5	23.75	30	Pass
66	1.4	1745	16QAM	1	MID	22.22	27.1	4.88	13	1.5	23.72	30	Pass
66	1.4	1745	16QAM	1	HIGH	22.25	27.16	4.91	13	1.5	23.75	30	Pass
66	1.4	1779.3	QPSK	6	LOW	21.76	27.07	5.31	13	1.5	23.26	30	Pass
66	1.4	1779.3	QPSK	3	LOW	22.63	27.09	4.46	13	1.5	24.13	30	Pass
66	1.4	1779.3	QPSK	3	MID	22.6	27.12	4.52	13	1.5	24.1	30	Pass
66	1.4	1779.3	QPSK	3	HIGH	22.49	27.19	4.70	13	1.5	23.99	30	Pass
66	1.4	1779.3	QPSK	1	LOW	22.52	27.06	4.54	13	1.5	24.02	30	Pass
66	1.4	1779.3	QPSK	1	MID	22.51	26.84	4.33	13	1.5	24.01	30	Pass
66	1.4	1779.3	QPSK	1	HIGH	22.44	26.93	4.49	13	1.5	23.94	30	Pass
66	1.4	1779.3	16QAM	6	LOW	20.93	26.99	6.06	13	1.5	22.43	30	Pass
66	1.4	1779.3	16QAM	3	LOW	21.69	27.24	5.55	13	1.5	23.19	30	Pass
66	1.4	1779.3	16QAM	3	MID	21.69	27.23	5.54	13	1.5	23.19	30	Pass
66	1.4	1779.3	16QAM	3	HIGH	21.61	27.14	5.53	13	1.5	23.11	30	Pass
66	1.4	1779.3	16QAM	1	LOW	21.82	26.48	4.66	13	1.5	23.32	30	Pass
66	1.4	1779.3	16QAM	1	MID	21.8	26.29	4.49	13	1.5	23.3	30	Pass
66	1.4	1779.3	16QAM	1	HIGH	21.74	26.34	4.60	13	1.5	23.24	30	Pass
66	3	1711.5	QPSK	15	LOW	21.79	27.48	5.69	13	1.5	23.29	30	Pass
66	3	1711.5	QPSK	8	LOW	21.81	27.38	5.57	13	1.5	23.31	30	Pass
66	3	1711.5	QPSK	8	MID	21.8	27.45	5.65	13	1.5	23.3	30	Pass
66	3	1711.5	QPSK	8	HIGH	21.64	27.39	5.75	13	1.5	23.14	30	Pass
66	3	1711.5	QPSK	1	LOW	22.67	27.26	4.59	13	1.5	24.17	30	Pass
66	3	1711.5	QPSK	1	MID	22.55	27.17	4.62	13	1.5	24.05	30	Pass
66	3	1711.5	QPSK	1	HIGH	22.26	27.01	4.75	13	1.5	23.76	30	Pass
66	3	1711.5	16QAM	15	LOW	20.93	27.52	6.59	13	1.5	22.43	30	Pass
66	3	1711.5	16QAM	8	LOW	21.13	27.66	6.53	13	1.5	22.63	30	Pass
66	3	1711.5	16QAM	8	MID	21.14	27.71	6.57	13	1.5	22.64	30	Pass
66	3	1711.5	16QAM	8	HIGH	21.01	27.59	6.58	13	1.5	22.51	30	Pass
66	3	1711.5	16QAM	1	LOW	22.38	27.71	5.33	13	1.5	23.88	30	Pass
66	3	1711.5	16QAM	1	MID	22.29	27.65	5.36	13	1.5	23.79	30	Pass
66	3	1711.5	16QAM	1	HIGH	22.02	27.53	5.51	13	1.5	23.52	30	Pass
66	3	1745	QPSK	15	LOW	22.21	27.91	5.70	13	1.5	23.71	30	Pass
66	3	1745	QPSK	8	LOW	22.25	27.52	5.27	13	1.5	23.75	30	Pass
66	3	1745	QPSK	8	MID	22.26	27.48	5.22	13	1.5	23.76	30	Pass
66	3	1745	QPSK	8	HIGH	22.25	27.51	5.26	13	1.5	23.75	30	Pass
66	3	1745	QPSK	1	LOW	23.07	27.26	4.19	13	1.5	24.57	30	Pass
66	3	1745	QPSK	1	MID	23.09	27.25	4.16	13	1.5	24.59	30	Pass
66	3	1745	QPSK	1	HIGH	23.02	27.28	4.26	13	1.5	24.52	30	Pass





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66	3	1745	16QAM	15	LOW	21.22	27.33	6.11	13	1.5	22.72	30	Pass
66	3	1745	16QAM	8	LOW	21.28	27.19	5.91	13	1.5	22.78	30	Pass
66	3	1745	16QAM	8	MID	21.29	27.17	5.88	13	1.5	22.79	30	Pass
66	3	1745	16QAM	8	HIGH	21.29	27.21	5.92	13	1.5	22.79	30	Pass
66	3	1745	16QAM	1	LOW	22.47	26.81	4.34	13	1.5	23.97	30	Pass
66	3	1745	16QAM	1	MID	22.42	26.76	4.34	13	1.5	23.92	30	Pass
66	3	1745	16QAM	1	HIGH	22.32	26.8	4.48	13	1.5	23.82	30	Pass
66	3	1778.5	QPSK	15	LOW	21.87	27.86	5.99	13	1.5	23.37	30	Pass
66	3	1778.5	QPSK	8	LOW	21.93	27.42	5.49	13	1.5	23.43	30	Pass
66	3	1778.5	QPSK	8	MID	21.92	27.4	5.48	13	1.5	23.42	30	Pass
66	3	1778.5	QPSK	8	HIGH	21.81	27.12	5.31	13	1.5	23.31	30	Pass
66	3	1778.5	QPSK	1	LOW	22.86	26.97	4.11	13	1.5	24.36	30	Pass
66	3	1778.5	QPSK	1	MID	22.65	26.79	4.14	13	1.5	24.15	30	Pass
66	3	1778.5	QPSK	1	HIGH	22.45	26.67	4.22	13	1.5	23.95	30	Pass
66	3	1778.5	16QAM	15	LOW	21.02	27.57	6.55	13	1.5	22.52	30	Pass
66	3	1778.5	16QAM	8	LOW	21.13	26.97	5.84	13	1.5	22.63	30	Pass
66	3	1778.5	16QAM	8	MID	21.13	26.92	5.79	13	1.5	22.63	30	Pass
66	3	1778.5	16QAM	8	HIGH	21.11	26.84	5.73	13	1.5	22.61	30	Pass
66	3	1778.5	16QAM	1	LOW	21.99	26.78	4.79	13	1.5	23.49	30	Pass
66	3	1778.5	16QAM	1	MID	21.87	26.59	4.72	13	1.5	23.37	30	Pass
66	3	1778.5	16QAM	1	HIGH	21.63	26.45	4.82	13	1.5	23.13	30	Pass
66	5	1712.5	QPSK	25	LOW	21.75	27.63	5.88	13	1.5	23.25	30	Pass
66	5	1712.5	QPSK	12	LOW	21.92	27.49	5.57	13	1.5	23.42	30	Pass
66	5	1712.5	QPSK	12	MID	21.92	27.51	5.59	13	1.5	23.42	30	Pass
66	5	1712.5	QPSK	12	HIGH	21.62	27.3	5.68	13	1.5	23.12	30	Pass
66	5	1712.5	QPSK	1	LOW	23.03	27.37	4.34	13	1.5	24.53	30	Pass
66	5	1712.5	QPSK	1	MID	22.68	27.21	4.53	13	1.5	24.18	30	Pass
66	5	1712.5	QPSK	1	HIGH	22.54	27.08	4.54	13	1.5	24.04	30	Pass
66	5	1712.5	16QAM	25	LOW	20.93	27.99	7.06	13	1.5	22.43	30	Pass
66	5	1712.5	16QAM	12	LOW	21.07	27.52	6.45	13	1.5	22.57	30	Pass
66	5	1712.5	16QAM	12	MID	21.09	27.51	6.42	13	1.5	22.59	30	Pass
66	5	1712.5	16QAM	12	HIGH	20.85	27.28	6.43	13	1.5	22.35	30	Pass
66	5	1712.5	16QAM	1	LOW	22.2	27.37	5.17	13	1.5	23.7	30	Pass
66	5	1712.5	16QAM	1	MID	21.93	27.22	5.29	13	1.5	23.43	30	Pass
66	5	1712.5	16QAM	1	HIGH	21.81	27.12	5.31	13	1.5	23.31	30	Pass
66	5	1745	QPSK	25	LOW	22.32	27.63	5.31	13	1.5	23.82	30	Pass
66	5	1745	QPSK	12	LOW	22.44	27.17	4.73	13	1.5	23.94	30	Pass
66	5	1745	QPSK	12	MID	22.44	27.2	4.76	13	1.5	23.94	30	Pass
66	5	1745	QPSK	12	HIGH	22.36	27.2	4.84	13	1.5	23.86	30	Pass
66	5	1745	QPSK	1	LOW	23.33	27.28	3.95	13	1.5	24.83	30	Pass
66	5	1745	QPSK	1	MID	23.23	27.23	4	13	1.5	24.73	30	Pass





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66	5	1745	QPSK	1	HIGH	23.17	27.28	4.11	13	1.5	24.67	30	Pass
66	5	1745	16QAM	25	LOW	21.43	27.73	6.30	13	1.5	22.93	30	Pass
66	5	1745	16QAM	12	LOW	21.48	27.45	5.97	13	1.5	22.98	30	Pass
66	5	1745	16QAM	12	MID	21.49	27.47	5.98	13	1.5	22.99	30	Pass
66	5	1745	16QAM	12	HIGH	21.44	27.49	6.05	13	1.5	22.94	30	Pass
66	5	1745	16QAM	1	LOW	22.37	26.84	4.47	13	1.5	23.87	30	Pass
66	5	1745	16QAM	1	MID	22.35	26.8	4.45	13	1.5	23.85	30	Pass
66	5	1745	16QAM	1	HIGH	22.31	26.86	4.55	13	1.5	23.81	30	Pass
66	5	1777.5	QPSK	25	LOW	22.13	27.9	5.77	13	1.5	23.63	30	Pass
66	5	1777.5	QPSK	12	LOW	22.23	27.41	5.18	13	1.5	23.73	30	Pass
66	5	1777.5	QPSK	12	MID	22.21	27.43	5.22	13	1.5	23.71	30	Pass
66	5	1777.5	QPSK	12	HIGH	21.99	27.24	5.25	13	1.5	23.49	30	Pass
66	5	1777.5	QPSK	1	LOW	23.16	27.19	4.03	13	1.5	24.66	30	Pass
66	5	1777.5	QPSK	1	MID	23.08	27.02	3.94	13	1.5	24.58	30	Pass
66	5	1777.5	QPSK	1	HIGH	22.72	26.78	4.06	13	1.5	24.22	30	Pass
66	5	1777.5	16QAM	25	LOW	21.26	27.63	6.37	13	1.5	22.76	30	Pass
66	5	1777.5	16QAM	12	LOW	21.34	27.31	5.97	13	1.5	22.84	30	Pass
66	5	1777.5	16QAM	12	MID	21.35	27.28	5.93	13	1.5	22.85	30	Pass
66	5	1777.5	16QAM	12	HIGH	21.2	27.13	5.93	13	1.5	22.7	30	Pass
66	5	1777.5	16QAM	1	LOW	22.6	27.16	4.56	13	1.5	24.1	30	Pass
66	5	1777.5	16QAM	1	MID	22.46	26.98	4.52	13	1.5	23.96	30	Pass
66	5	1777.5	16QAM	1	HIGH	22.2	26.72	4.52	13	1.5	23.7	30	Pass
66	10	1715	QPSK	50	LOW	21.95	27.64	5.69	13	1.5	23.45	30	Pass
66	10	1715	QPSK	25	LOW	21.87	27.89	6.02	13	1.5	23.37	30	Pass
66	10	1715	QPSK	25	MID	21.92	27.73	5.81	13	1.5	23.42	30	Pass
66	10	1715	QPSK	25	HIGH	21.92	27.78	5.86	13	1.5	23.42	30	Pass
66	10	1715	QPSK	1	LOW	23.19	27.41	4.22	13	1.5	24.69	30	Pass
66	10	1715	QPSK	1	MID	22.81	27.06	4.25	13	1.5	24.31	30	Pass
66	10	1715	QPSK	1	HIGH	22.86	27.11	4.25	13	1.5	24.36	30	Pass
66	10	1715	16QAM	25	LOW	21.02	27.67	6.65	13	1.5	22.52	30	Pass
66	10	1715	16QAM	25	MID	21.05	27.72	6.67	13	1.5	22.55	30	Pass
66	10	1715	16QAM	25	HIGH	21.1	27.63	6.53	13	1.5	22.6	30	Pass
66	10	1715	16QAM	1	LOW	22.23	27.15	4.92	13	1.5	23.73	30	Pass
66	10	1715	16QAM	1	MID	21.84	26.79	4.95	13	1.5	23.34	30	Pass
66	10	1715	16QAM	1	HIGH	22.03	26.94	4.91	13	1.5	23.53	30	Pass
66	10	1745	QPSK	50	LOW	22.31	27.71	5.40	13	1.5	23.81	30	Pass
66	10	1745	QPSK	25	LOW	22.49	27.57	5.08	13	1.5	23.99	30	Pass
66	10	1745	QPSK	25	MID	22.49	27.55	5.06	13	1.5	23.99	30	Pass
66	10	1745	QPSK	25	HIGH	22.3	27.45	5.15	13	1.5	23.8	30	Pass
66	10	1745	QPSK	1	LOW	23.57	27.24	3.67	13	1.5	25.07	30	Pass
66	10	1745	QPSK	1	MID	23.29	27.01	3.72	13	1.5	24.79	30	Pass





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66	10	1745	QPSK	1	HIGH	23.17	27.11	3.94	13	1.5	24.67	30	Pass
66	10	1745	16QAM	25	LOW	21.58	27.46	5.88	13	1.5	23.08	30	Pass
66	10	1745	16QAM	25	MID	21.58	27.5	5.92	13	1.5	23.08	30	Pass
66	10	1745	16QAM	25	HIGH	21.43	27.39	5.96	13	1.5	22.93	30	Pass
66	10	1745	16QAM	1	LOW	23.16	27.48	4.32	13	1.5	24.66	30	Pass
66	10	1745	16QAM	1	MID	22.98	27.28	4.30	13	1.5	24.48	30	Pass
66	10	1745	16QAM	1	HIGH	22.85	27.38	4.53	13	1.5	24.35	30	Pass
66	10	1775	QPSK	50	LOW	22.19	27.75	5.56	13	1.5	23.69	30	Pass
66	10	1775	QPSK	25	LOW	22.25	27.47	5.22	13	1.5	23.75	30	Pass
66	10	1775	QPSK	25	MID	22.23	27.54	5.31	13	1.5	23.73	30	Pass
66	10	1775	QPSK	25	HIGH	22.06	27.21	5.15	13	1.5	23.56	30	Pass
66	10	1775	QPSK	1	LOW	23.05	27.32	4.27	13	1.5	24.55	30	Pass
66	10	1775	QPSK	1	MID	23.2	27.22	4.02	13	1.5	24.7	30	Pass
66	10	1775	QPSK	1	HIGH	22.73	26.83	4.10	13	1.5	24.23	30	Pass
66	10	1775	16QAM	25	LOW	21.37	27.66	6.29	13	1.5	22.87	30	Pass
66	10	1775	16QAM	25	MID	21.37	27.57	6.20	13	1.5	22.87	30	Pass
66	10	1775	16QAM	25	HIGH	21.27	27.42	6.15	13	1.5	22.77	30	Pass
66	10	1775	16QAM	1	LOW	22.35	26.82	4.47	13	1.5	23.85	30	Pass
66	10	1775	16QAM	1	MID	22.48	26.74	4.26	13	1.5	23.98	30	Pass
66	10	1775	16QAM	1	HIGH	22.08	26.44	4.36	13	1.5	23.58	30	Pass
66	15	1717.5	QPSK	75	LOW	22.14	28.35	6.21	13	1.5	23.64	30	Pass
66	15	1717.5	QPSK	38	LOW	22.03	28.21	6.18	13	1.5	23.53	30	Pass
66	15	1717.5	QPSK	38	MID	22	28.24	6.24	13	1.5	23.5	30	Pass
66	15	1717.5	QPSK	38	HIGH	21.98	28.19	6.21	13	1.5	23.48	30	Pass
66	15	1717.5	QPSK	1	LOW	23.05	27.3	4.25	13	1.5	24.55	30	Pass
66	15	1717.5	QPSK	1	MID	22.78	26.99	4.21	13	1.5	24.28	30	Pass
66	15	1717.5	QPSK	1	HIGH	22.82	26.93	4.11	13	1.5	24.32	30	Pass
66	15	1717.5	16QAM	1	LOW	22.63	27.56	4.93	13	1.5	24.13	30	Pass
66	15	1717.5	16QAM	1	MID	22.47	27.36	4.89	13	1.5	23.97	30	Pass
66	15	1717.5	16QAM	1	HIGH	22.56	27.29	4.73	13	1.5	24.06	30	Pass
66	15	1745	QPSK	75	LOW	22.27	28.04	5.77	13	1.5	23.77	30	Pass
66	15	1745	QPSK	38	LOW	22.29	28.03	5.74	13	1.5	23.79	30	Pass
66	15	1745	QPSK	38	MID	22.31	27.96	5.65	13	1.5	23.81	30	Pass
66	15	1745	QPSK	38	HIGH	22.31	28.03	5.72	13	1.5	23.81	30	Pass
66	15	1745	QPSK	1	LOW	23.61	27.42	3.81	13	1.5	25.11	30	Pass
66	15	1745	QPSK	1	MID	23.3	27.05	3.75	13	1.5	24.8	30	Pass
66	15	1745	QPSK	1	HIGH	23.04	27.2	4.16	13	1.5	24.54	30	Pass
66	15	1745	16QAM	1	LOW	22.87	27.01	4.14	13	1.5	24.37	30	Pass
66	15	1745	16QAM	1	MID	22.63	26.67	4.04	13	1.5	24.13	30	Pass
66	15	1745	16QAM	1	HIGH	22.36	26.74	4.38	13	1.5	23.86	30	Pass
66	15	1772.5	QPSK	75	LOW	22.35	28.14	5.79	13	1.5	23.85	30	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
66	15	1772.5	QPSK	38	LOW	22.32	28.08	5.76	13	1.5	23.82	30	Pass
66	15	1772.5	QPSK	38	MID	22.3	28.08	5.78	13	1.5	23.8	30	Pass
66	15	1772.5	QPSK	38	HIGH	22.3	28.06	5.76	13	1.5	23.8	30	Pass
66	15	1772.5	QPSK	1	LOW	22.76	26.86	4.10	13	1.5	24.26	30	Pass
66	15	1772.5	QPSK	1	MID	23.25	26.95	3.70	13	1.5	24.75	30	Pass
66	15	1772.5	QPSK	1	HIGH	22.86	26.55	3.69	13	1.5	24.36	30	Pass
66	15	1772.5	16QAM	1	LOW	22.26	26.83	4.57	13	1.5	23.76	30	Pass
66	15	1772.5	16QAM	1	MID	22.73	26.95	4.22	13	1.5	24.23	30	Pass
66	15	1772.5	16QAM	1	HIGH	22.41	26.61	4.20	13	1.5	23.91	30	Pass
66	20	1720	QPSK	100	LOW	22.29	28.31	6.02	13	1.5	23.79	30	Pass
66	20	1720	QPSK	50	LOW	22.01	27.78	5.77	13	1.5	23.51	30	Pass
66	20	1720	QPSK	50	MID	21.98	27.75	5.77	13	1.5	23.48	30	Pass
66	20	1720	QPSK	50	HIGH	22.27	27.72	5.45	13	1.5	23.77	30	Pass
66	20	1720	QPSK	1	LOW	23.13	27.47	4.34	13	1.5	24.63	30	Pass
66	20	1720	QPSK	1	MID	23.02	27.26	4.24	13	1.5	24.52	30	Pass
66	20	1720	QPSK	1	HIGH	23.16	27.37	4.21	13	1.5	24.66	30	Pass
66	20	1720	16QAM	1	LOW	22.68	27.39	4.71	13	1.5	24.18	30	Pass
66	20	1720	16QAM	1	MID	22.68	27.21	4.53	13	1.5	24.18	30	Pass
66	20	1720	16QAM	1	HIGH	22.89	27.39	4.5	13	1.5	24.39	30	Pass
66	20	1745	QPSK	100	LOW	22.28	27.84	5.56	13	1.5	23.78	30	Pass
66	20	1745	QPSK	50	LOW	22.61	27.59	4.98	13	1.5	24.11	30	Pass
66	20	1745	QPSK	50	MID	22.61	27.62	5.01	13	1.5	24.11	30	Pass
66	20	1745	QPSK	50	HIGH	22.28	27.49	5.21	13	1.5	23.78	30	Pass
66	20	1745	QPSK	1	LOW	23.41	27.44	4.03	13	1.5	24.91	30	Pass
66	20	1745	QPSK	1	MID	23.36	27.1	3.74	13	1.5	24.86	30	Pass
66	20	1745	QPSK	1	HIGH	22.88	27.29	4.41	13	1.5	24.38	30	Pass
66	20	1745	16QAM	1	LOW	22.84	27.38	4.54	13	1.5	24.34	30	Pass
66	20	1745	16QAM	1	MID	22.81	27.02	4.21	13	1.5	24.31	30	Pass
66	20	1745	16QAM	1	HIGH	22.3	27.18	4.88	13	1.5	23.8	30	Pass
66	20	1770	QPSK	100	LOW	22.25	28.02	5.77	13	1.5	23.75	30	Pass
66	20	1770	QPSK	50	LOW	21.85	27.43	5.58	13	1.5	23.35	30	Pass
66	20	1770	QPSK	50	MID	21.84	27.49	5.65	13	1.5	23.34	30	Pass
66	20	1770	QPSK	50	HIGH	22.26	27.54	5.28	13	1.5	23.76	30	Pass
66	20	1770	QPSK	1	LOW	22.49	26.91	4.42	13	1.5	23.99	30	Pass
66	20	1770	QPSK	1	MID	23.13	27.15	4.02	13	1.5	24.63	30	Pass
66	20	1770	QPSK	1	HIGH	22.83	26.76	3.93	13	1.5	24.33	30	Pass
66	20	1770	16QAM	1	LOW	21.79	27	5.21	13	1.5	23.29	30	Pass
66	20	1770	16QAM	1	MID	22.49	27.28	4.79	13	1.5	23.99	30	Pass
66	20	1770	16QAM	1	HIGH	22.28	26.93	4.65	13	1.5	23.78	30	Pass



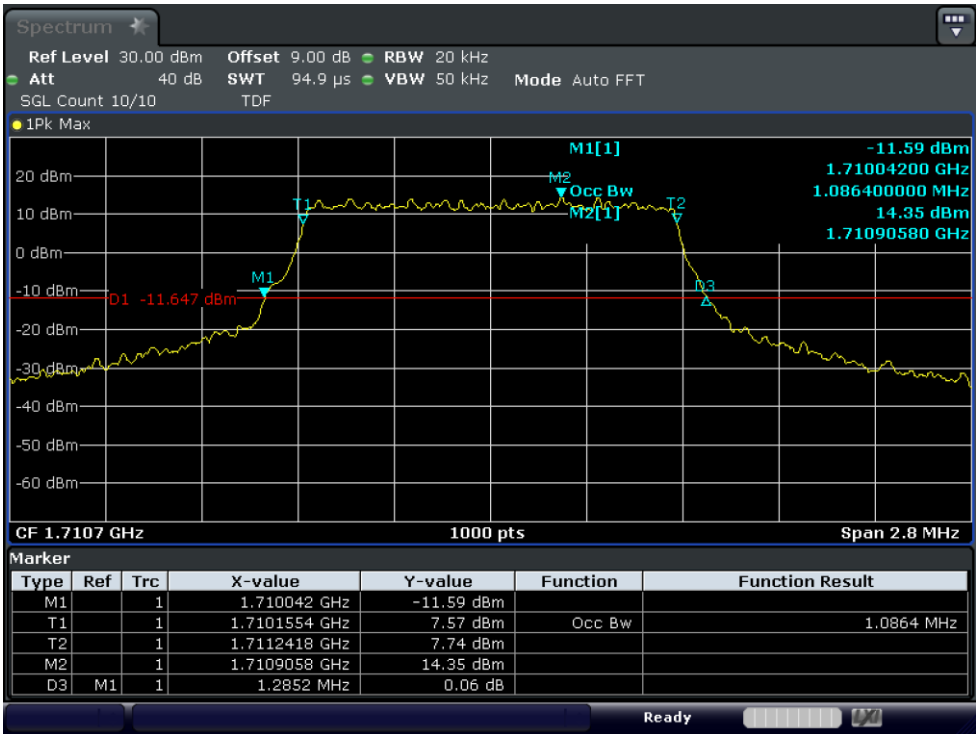
Appendix B: Occupied bandwidth

Test Result

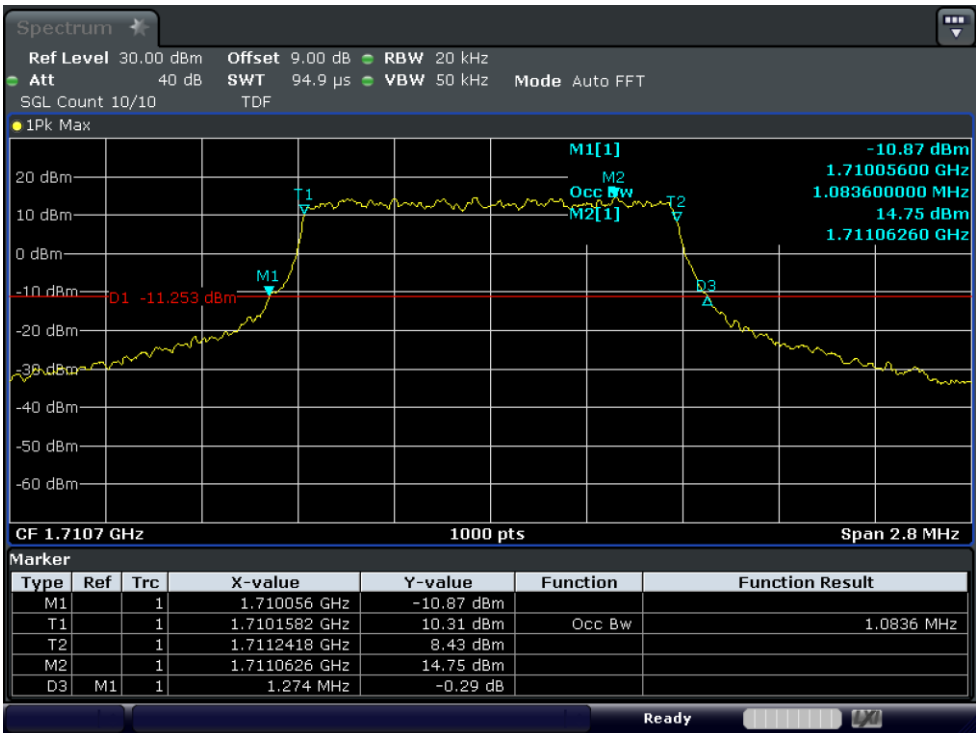
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth (MHz)	Emission Bandwidth (MHz)	Limit
66	1.4	1710.7	QPSK	6	LOW	1.084	1.274	No limit
66	1.4	1710.7	16QAM	6	LOW	1.086	1.285	No limit
66	1.4	1745	QPSK	6	LOW	1.084	1.271	No limit
66	1.4	1745	16QAM	6	LOW	1.078	1.252	No limit
66	1.4	1779.3	QPSK	6	LOW	1.092	1.257	No limit
66	1.4	1779.3	16QAM	6	LOW	1.086	1.257	No limit
66	3	1711.5	QPSK	15	LOW	2.682	2.898	No limit
66	3	1711.5	16QAM	15	LOW	2.676	2.892	No limit
66	3	1745	QPSK	15	LOW	2.688	2.898	No limit
66	3	1745	16QAM	15	LOW	2.676	2.892	No limit
66	3	1778.5	QPSK	15	LOW	2.688	2.892	No limit
66	3	1778.5	16QAM	15	LOW	2.676	2.898	No limit
66	5	1712.5	QPSK	25	LOW	4.49	4.9	No limit
66	5	1712.5	16QAM	25	LOW	4.47	4.84	No limit
66	5	1745	QPSK	25	LOW	4.48	4.88	No limit
66	5	1745	16QAM	25	LOW	4.48	4.84	No limit
66	5	1777.5	QPSK	25	LOW	4.47	4.81	No limit
66	5	1777.5	16QAM	25	LOW	4.47	4.87	No limit
66	10	1715	QPSK	50	LOW	8.92	9.6	No limit
66	10	1745	QPSK	50	LOW	8.94	9.62	No limit
66	10	1775	QPSK	50	LOW	8.92	9.56	No limit
66	15	1717.5	QPSK	75	LOW	13.44	14.31	No limit
66	15	1745	QPSK	75	LOW	13.38	14.16	No limit
66	15	1772.5	QPSK	75	LOW	13.41	14.34	No limit
66	20	1720	QPSK	100	LOW	17.92	18.96	No limit
66	20	1745	QPSK	100	LOW	17.84	18.64	No limit
66	20	1770	QPSK	100	LOW	17.8	18.72	No limit
66	10	1715	16QAM	27	LOW	4.9	5.5	No limit
66	10	1745	16QAM	27	LOW	4.88	5.46	No limit
66	10	1775	16QAM	27	LOW	4.88	5.44	No limit
66	15	1717.5	16QAM	27	LOW	4.92	5.58	No limit
66	15	1745	16QAM	27	LOW	4.98	5.7	No limit
66	15	1772.5	16QAM	27	LOW	4.95	5.64	No limit
66	20	1720	16QAM	27	LOW	4.92	5.52	No limit
66	20	1745	16QAM	27	LOW	4.96	5.84	No limit
66	20	1770	16QAM	27	LOW	4.92	5.6	No limit



Test Graphs

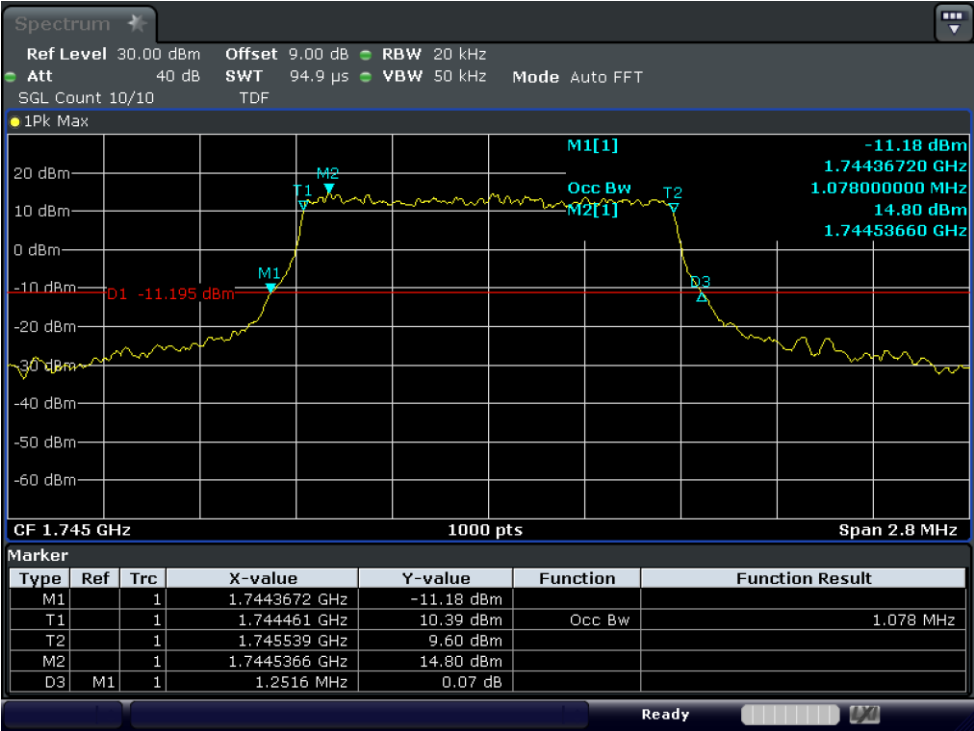


Test_Graph_band66_1710.7MHz_1.4M_16QAM_6RB#LOW_OBW&EBW

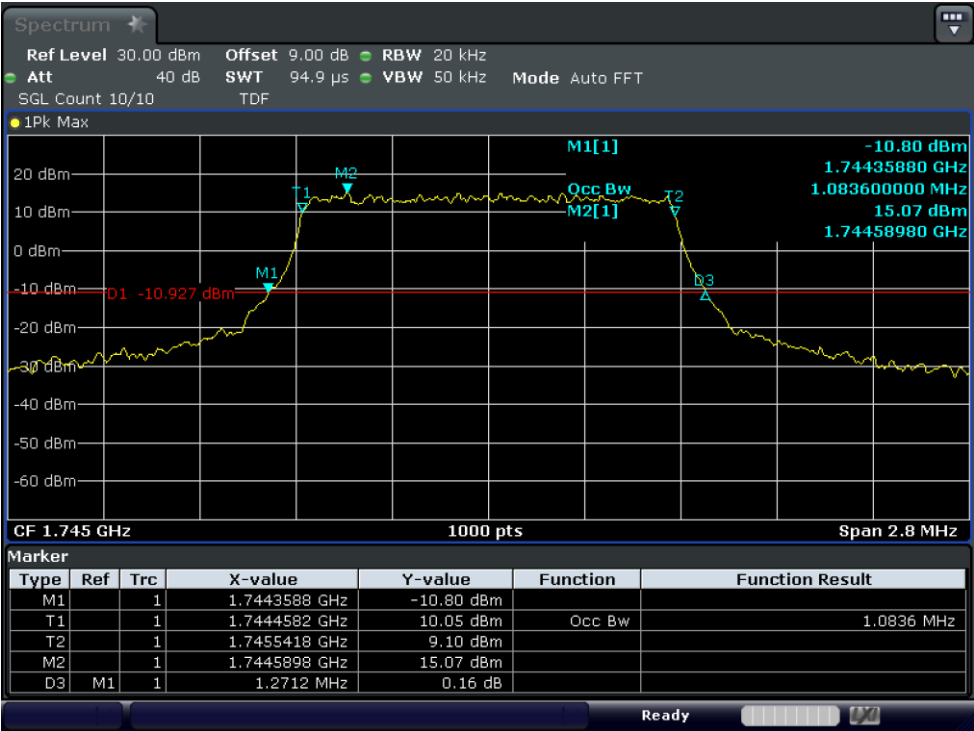


Test_Graph_band66_1710.7MHz_1.4M_QPSK_6RB#LOW_OBW&EBW



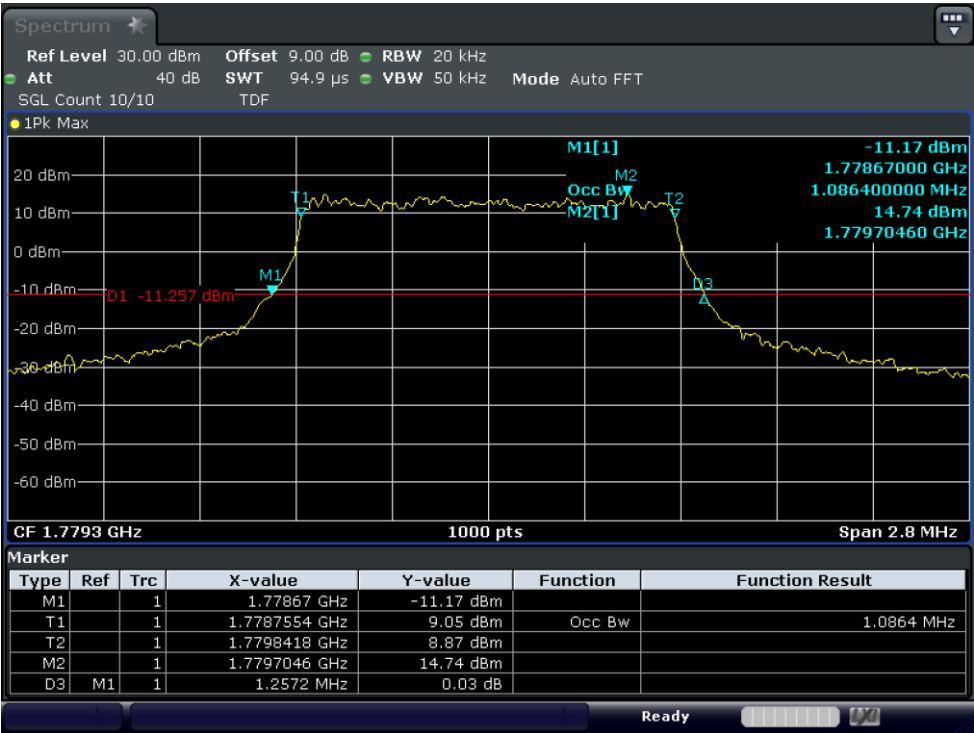


Test_Graph_band66_1745MHz_1.4M_16QAM_6RB#LOW_OBW&EBW

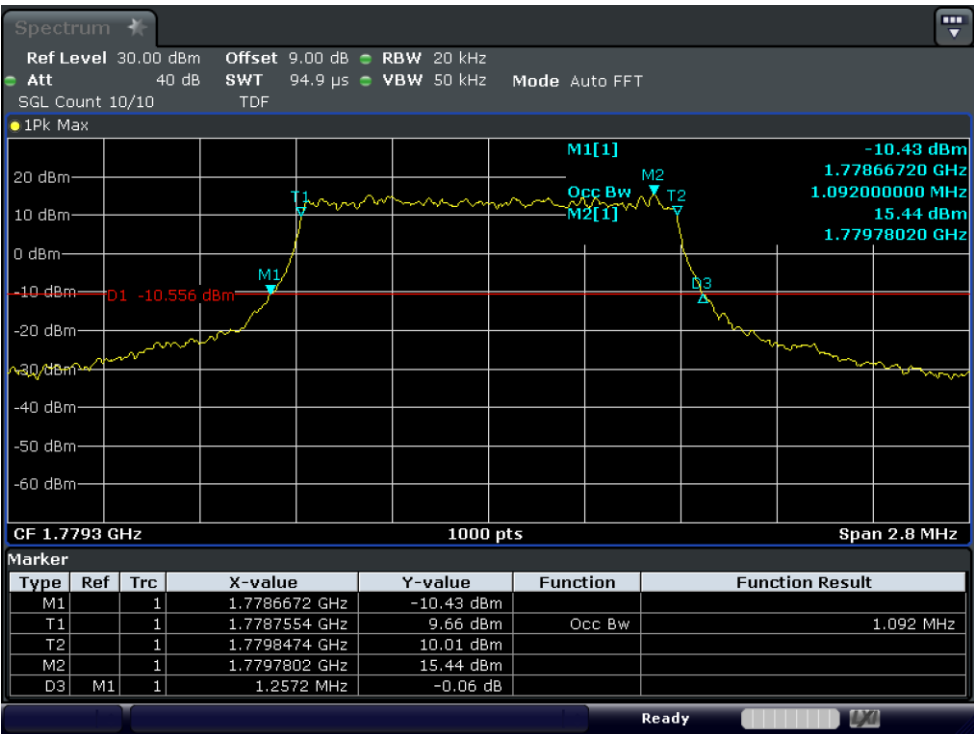


Test_Graph_band66_1745MHz_1.4M_QPSK_6RB#LOW_OBW&EBW



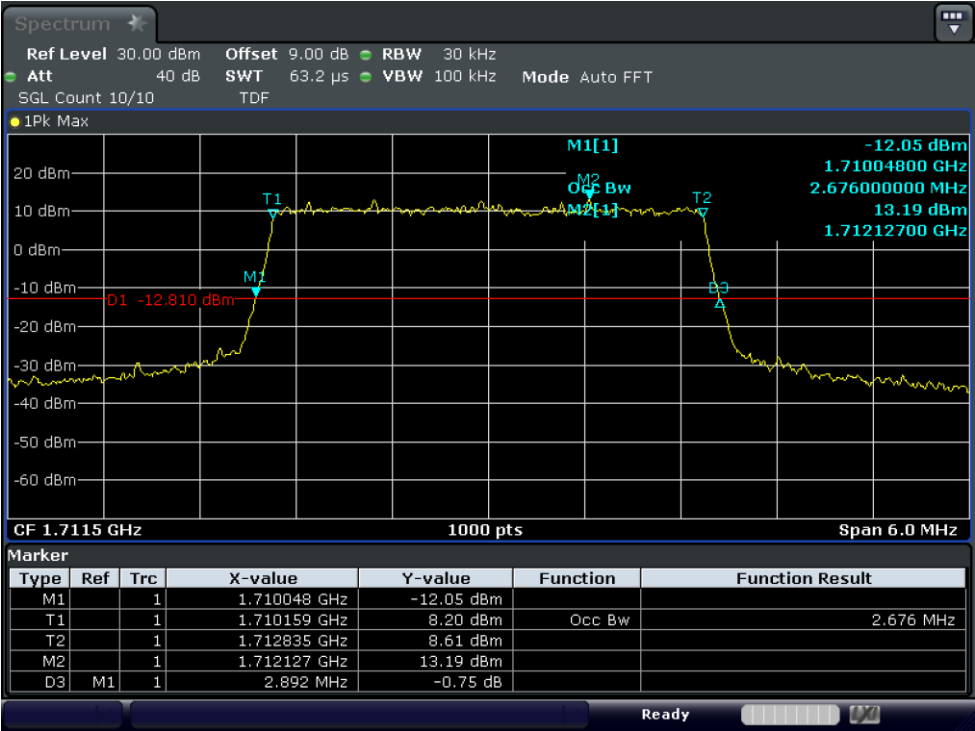


Test_Graph_band66_1779.3MHz_1.4M_16QAM_6RB#LOW_OBW&EBW

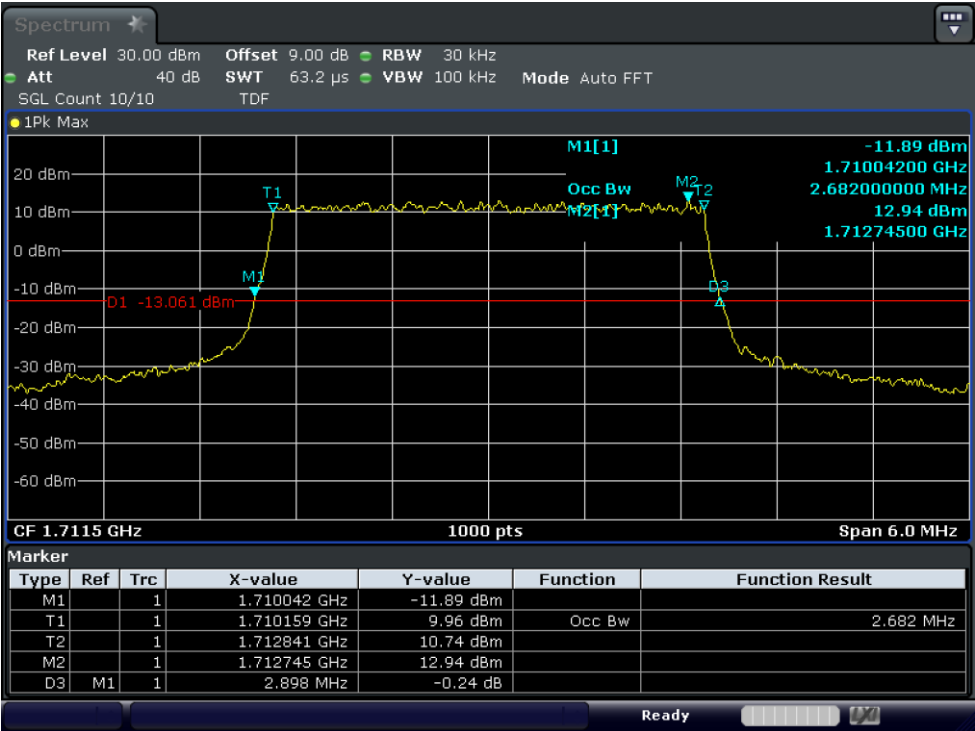


Test_Graph_band66_1779.3MHz_1.4M_QPSK_6RB#LOW_OBW&EBW

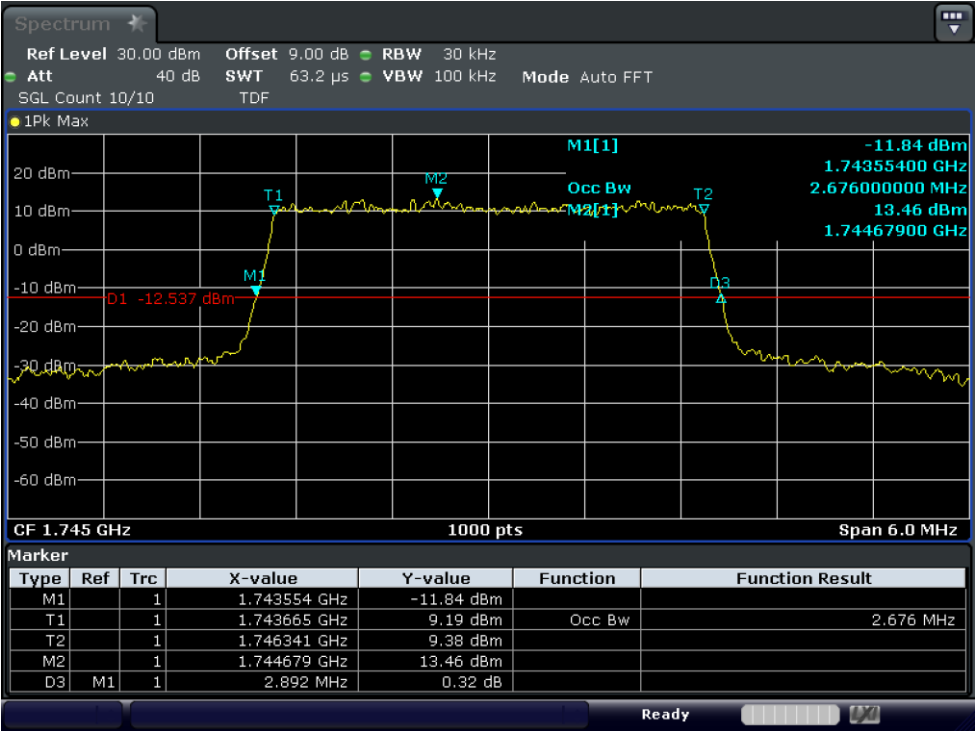




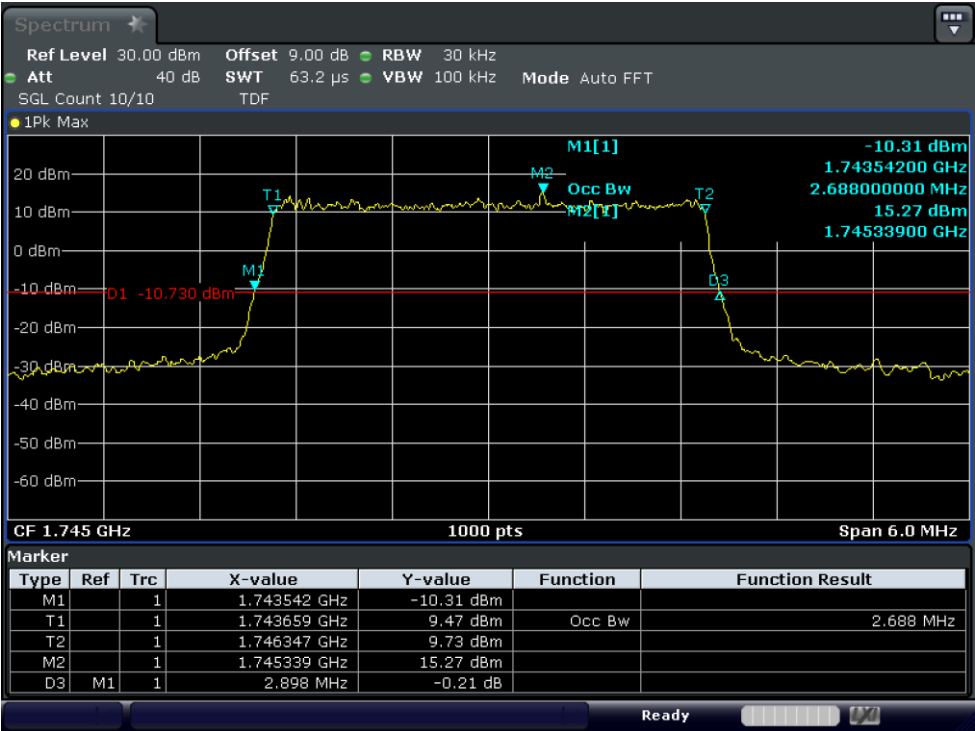
Test_Graph_band66_1711.5MHz_3M_16QAM_15RB#LOW_OBW&EBW



Test_Graph_band66_1711.5MHz_3M_QPSK_15RB#LOW_OBW&EBW

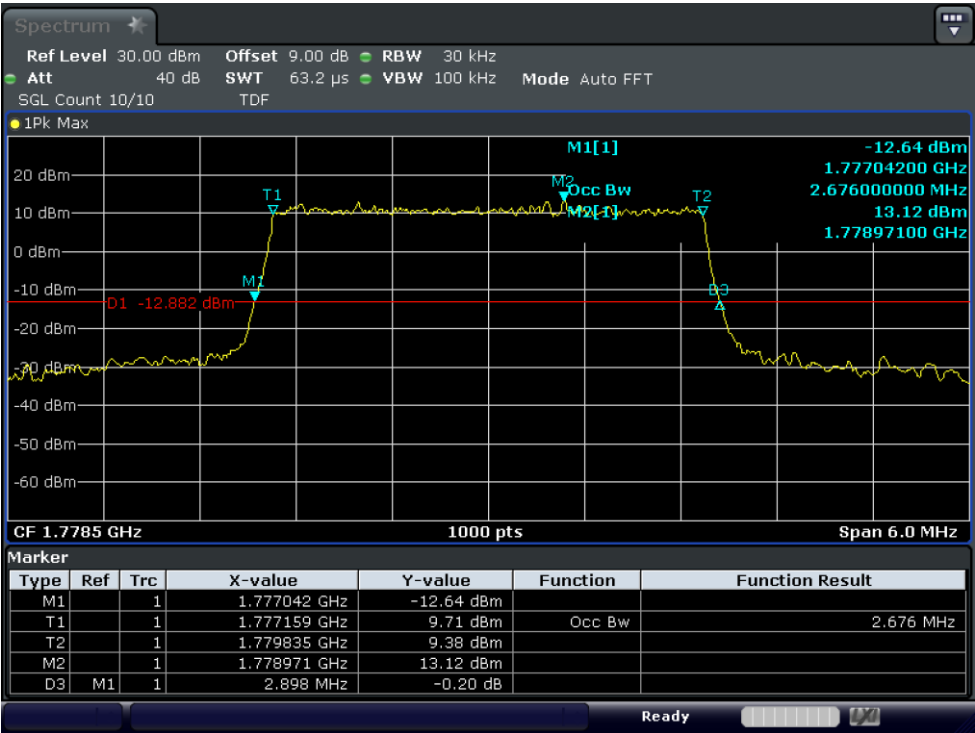


Test_Graph_band66_1745MHz_3M_16QAM_15RB#LOW_OBW&EBW

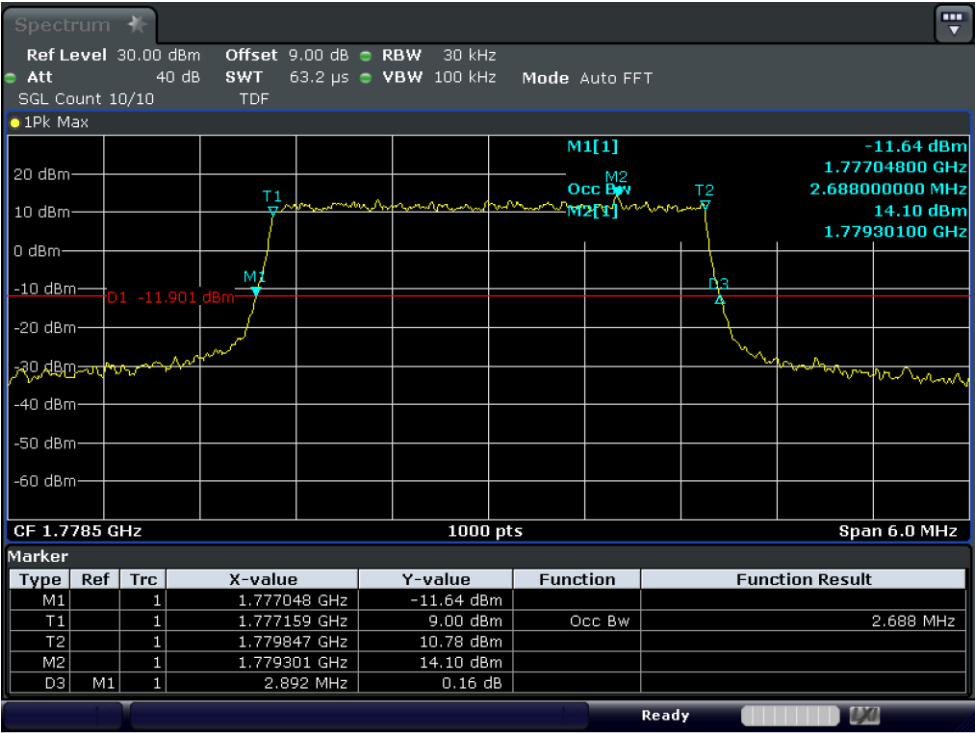


Test_Graph_band66_1745MHz_3M_QPSK_15RB#LOW_OBW&EBW

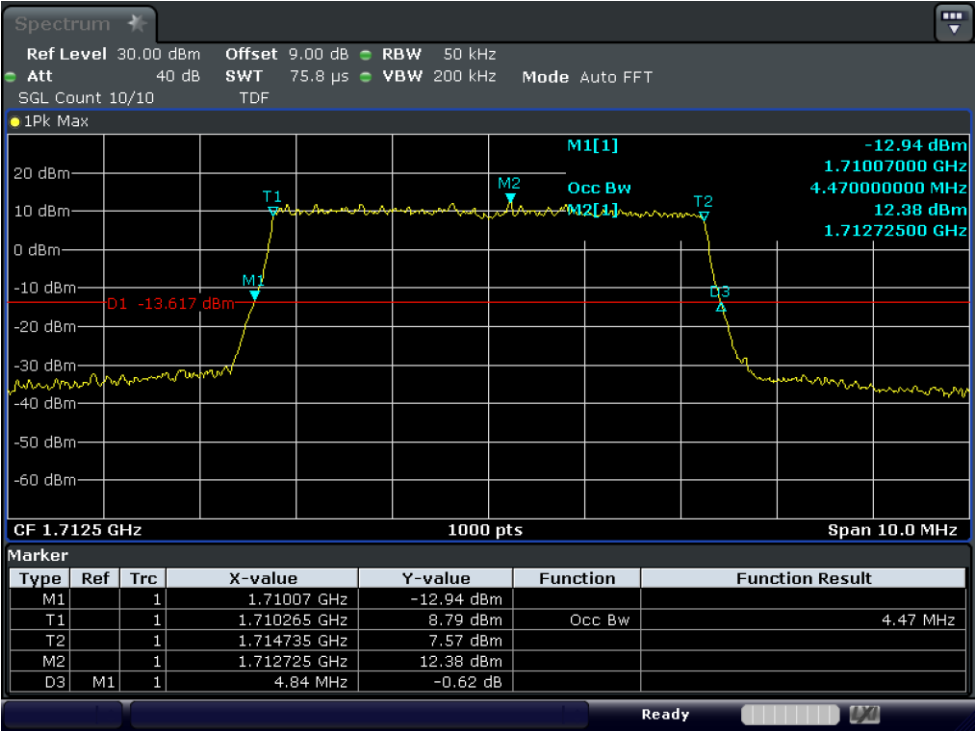




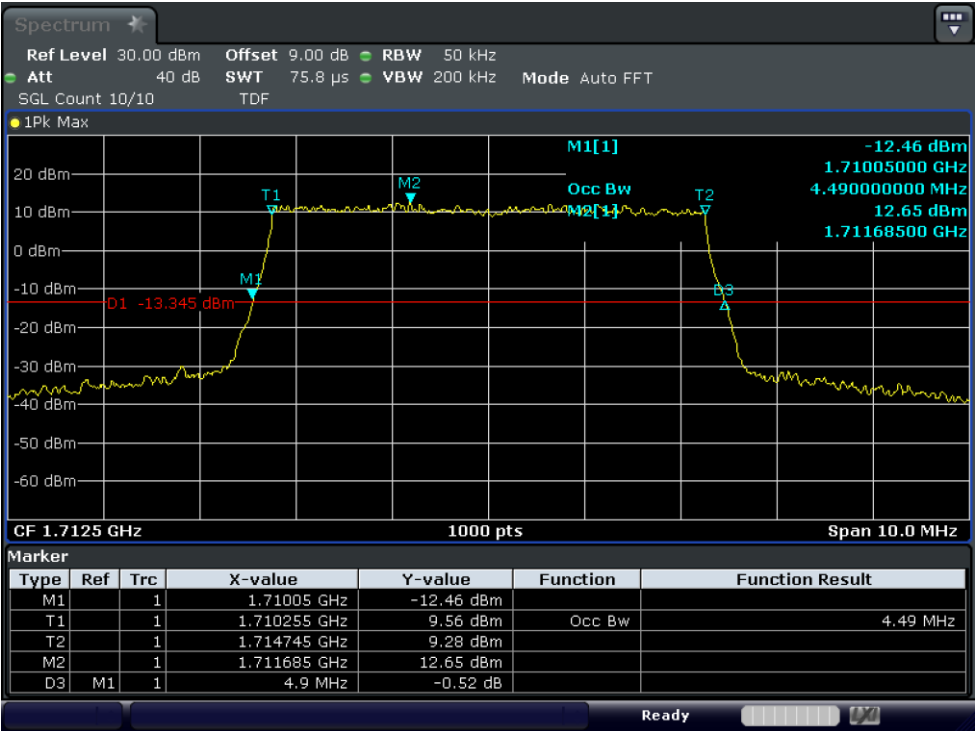
Test_Graph_band66_1778.5MHz_3M_16QAM_15RB#LOW_OBW&EBW



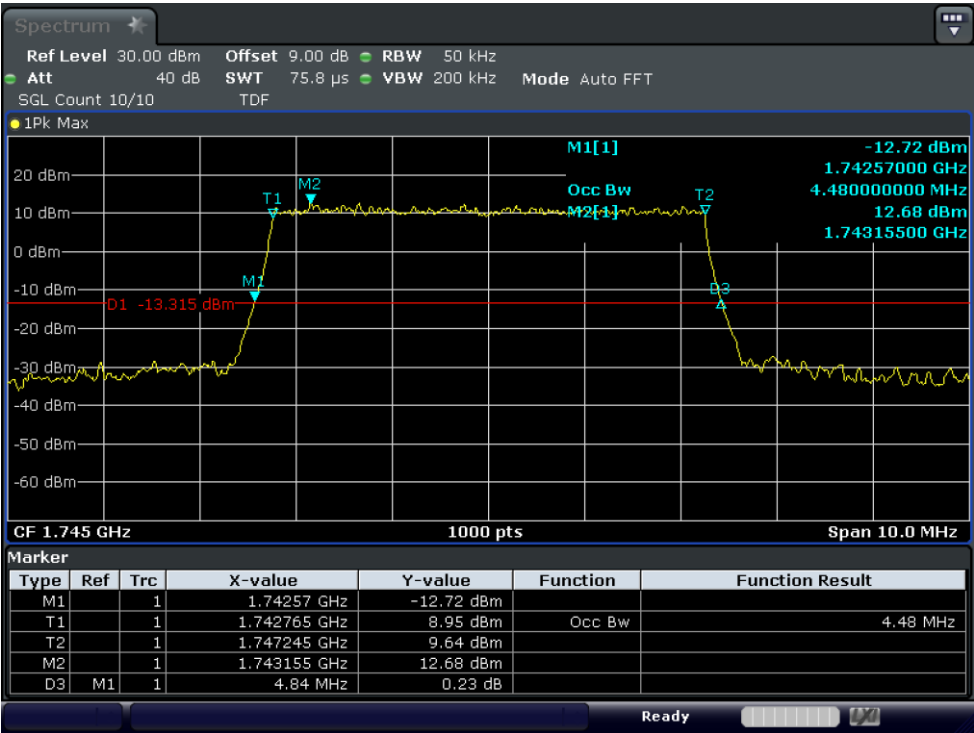
Test_Graph_band66_1778.5MHz_3M_QPSK_15RB#LOW_OBW&EBW



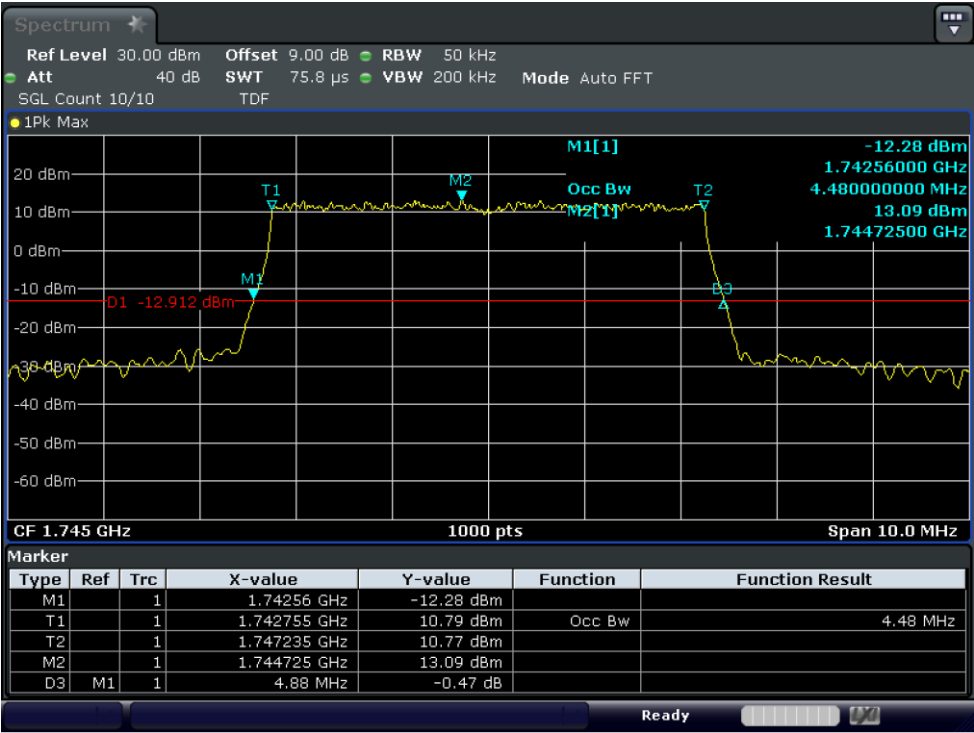
Test_Graph_band66_1712.5MHz_5M_16QAM_25RB#LOW_OBW&EBW



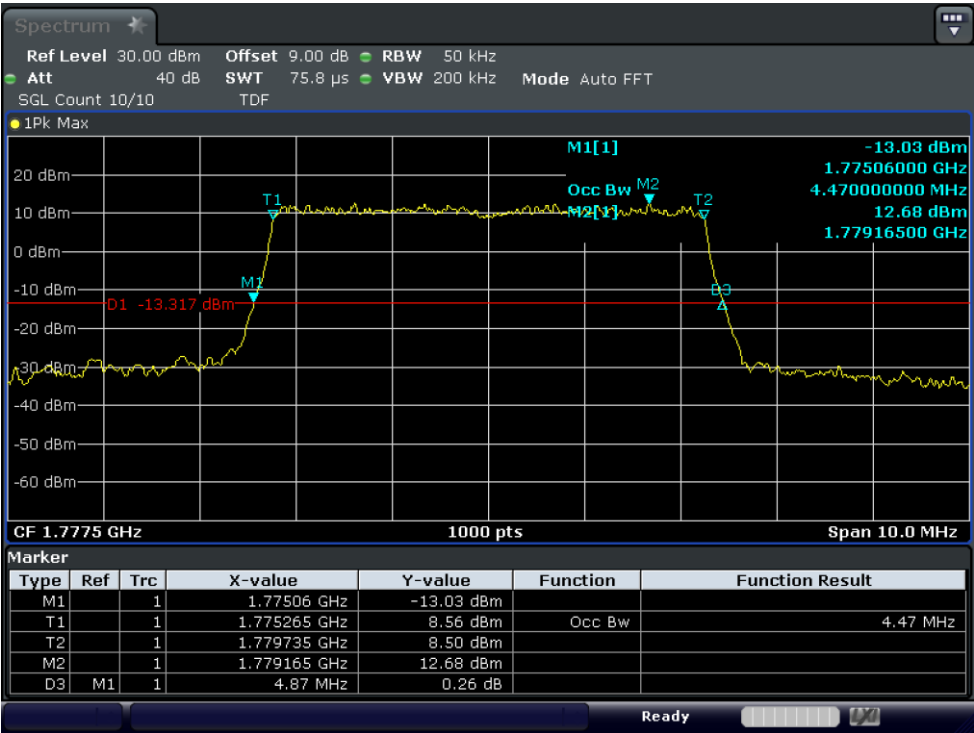
Test_Graph_band66_1712.5MHz_5M_QPSK_25RB#LOW_OBW&EBW



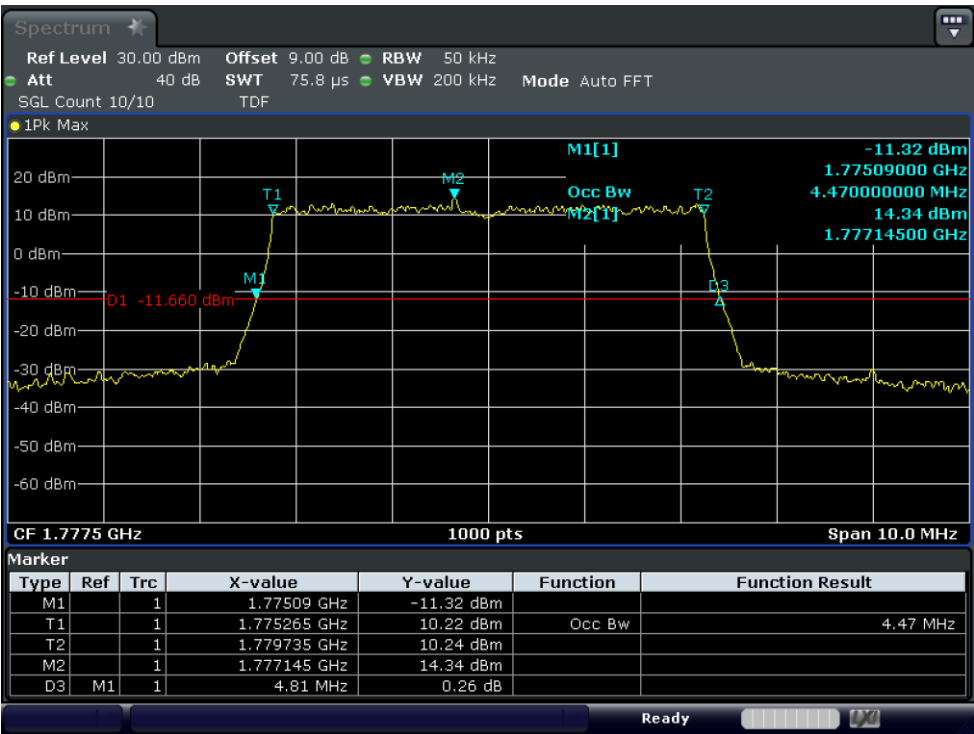
Test_Graph_band66_1745MHz_5M_16QAM_25RB#LOW_OBW&EBW



Test_Graph_band66_1745MHz_5M_QPSK_25RB#LOW_OBW&EBW

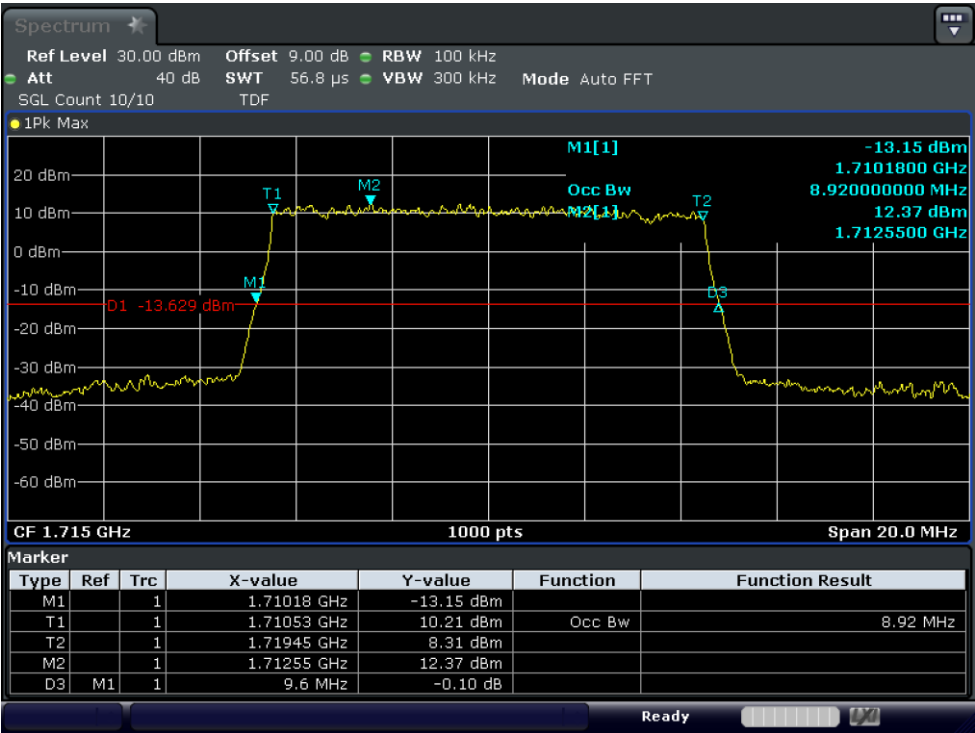


Test_Graph_band66_1777.5MHz_5M_16QAM_25RB#LOW_OBW&EBW

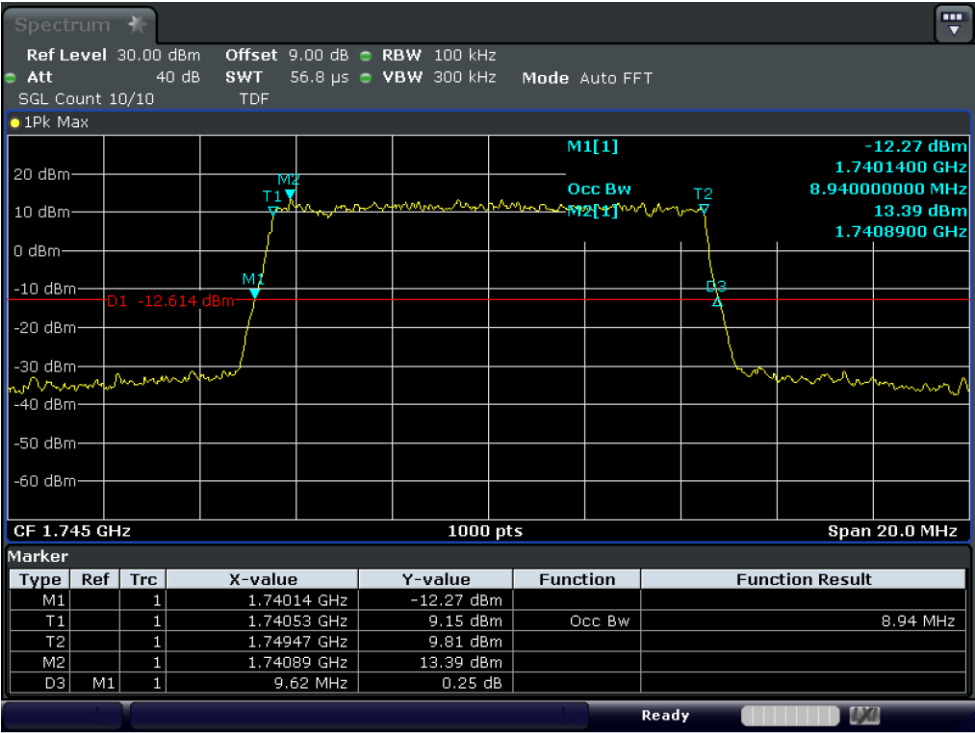


Test_Graph_band66_1777.5MHz_5M_QPSK_25RB#LOW_OBW&EBW

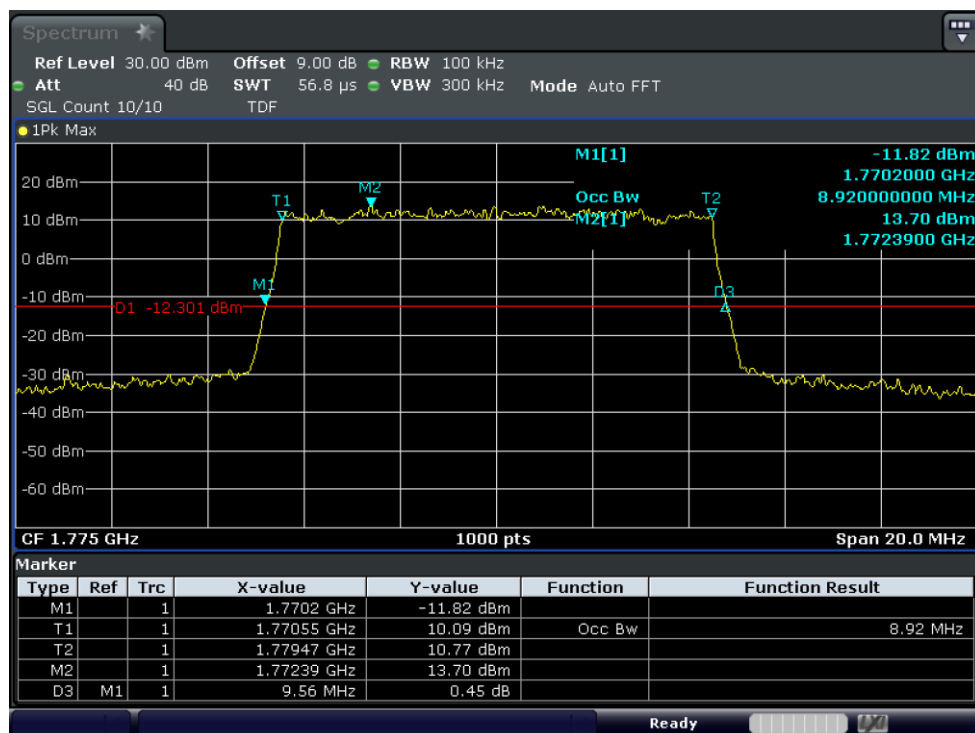




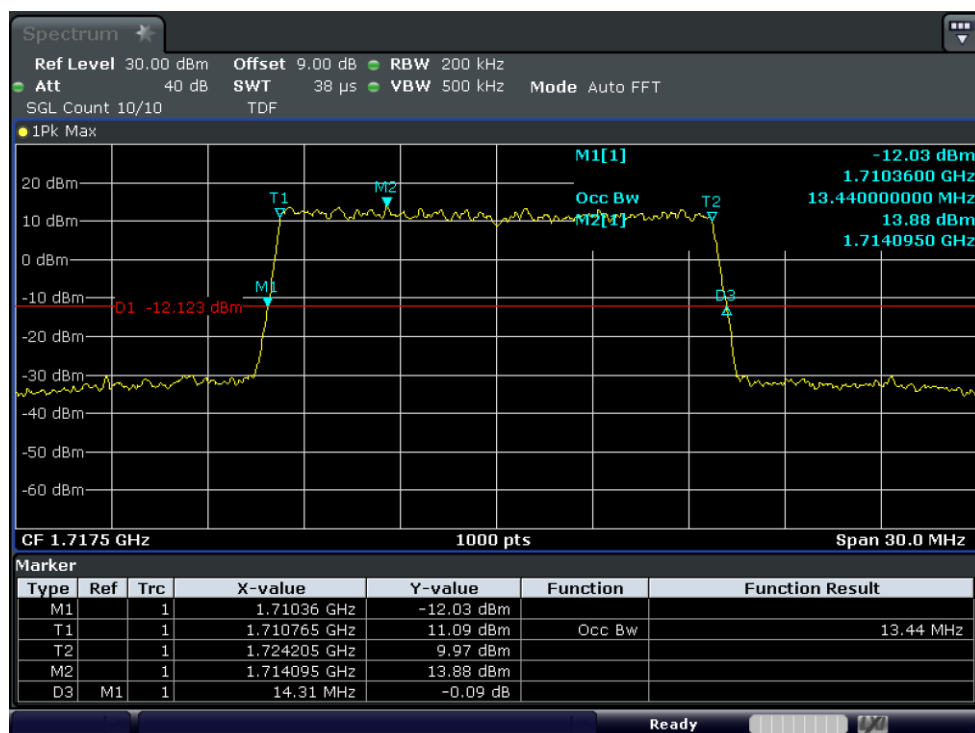
Test_Graph_band66_1715MHz_10M_QPSK_50RB#LOW_OBW&EBW



Test_Graph_band66_1745MHz_10M_QPSK_50RB#LOW_OBW&EBW

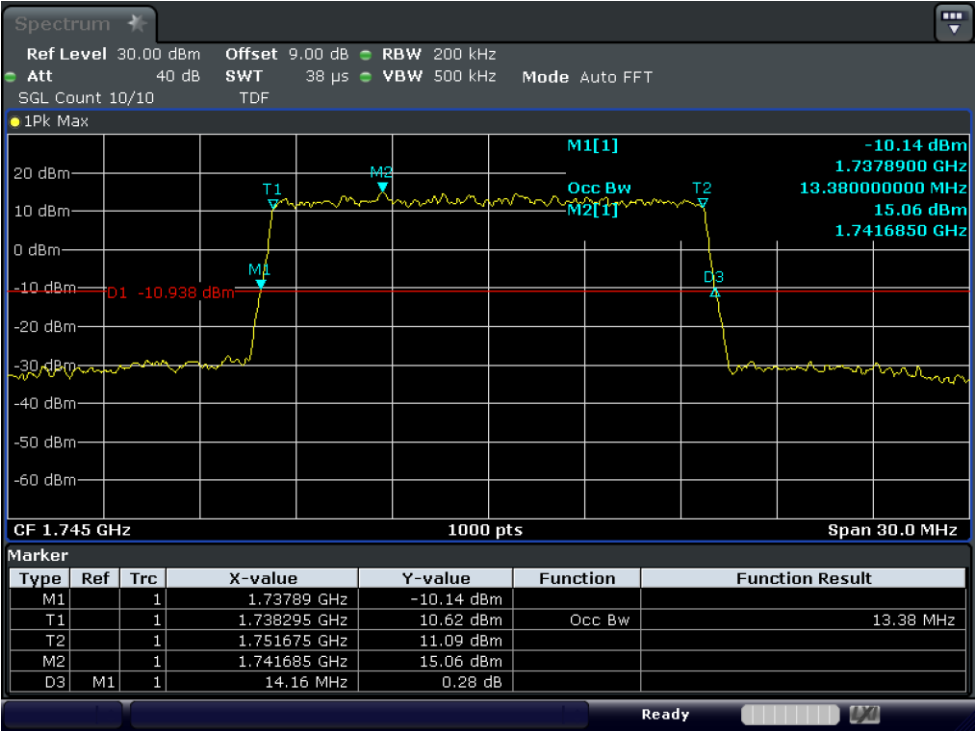


Test_Graph_band66_1775MHz_10M_QPSK_50RB#LOW_OBW&EBW

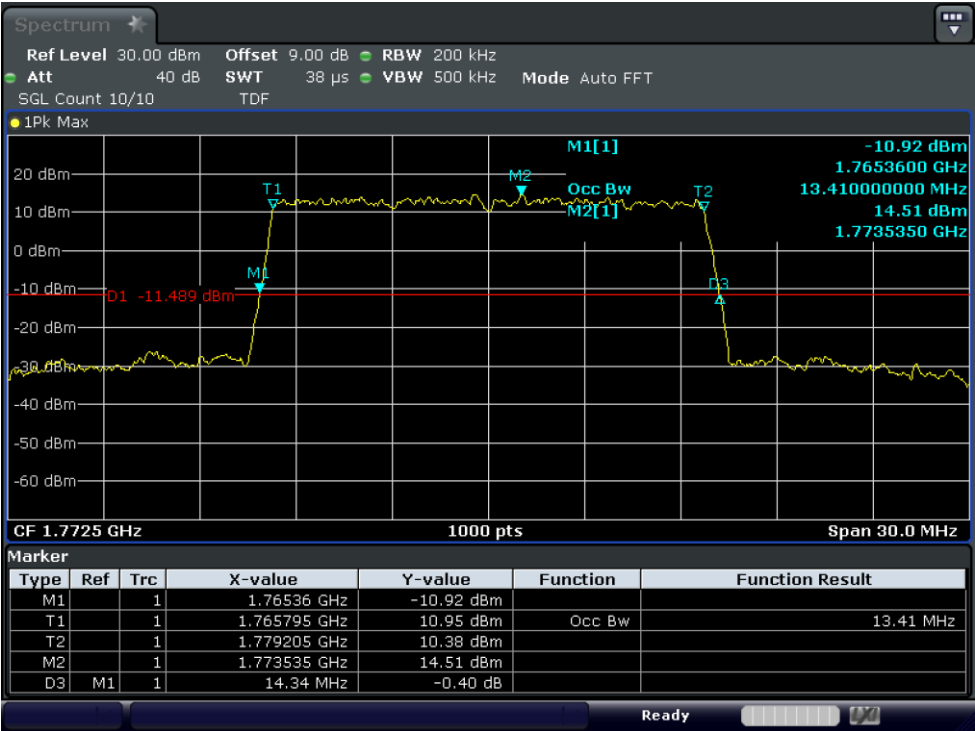


Test_Graph_band66_1717.5MHz_15M_QPSK_75RB#LOW_OBW&EBW

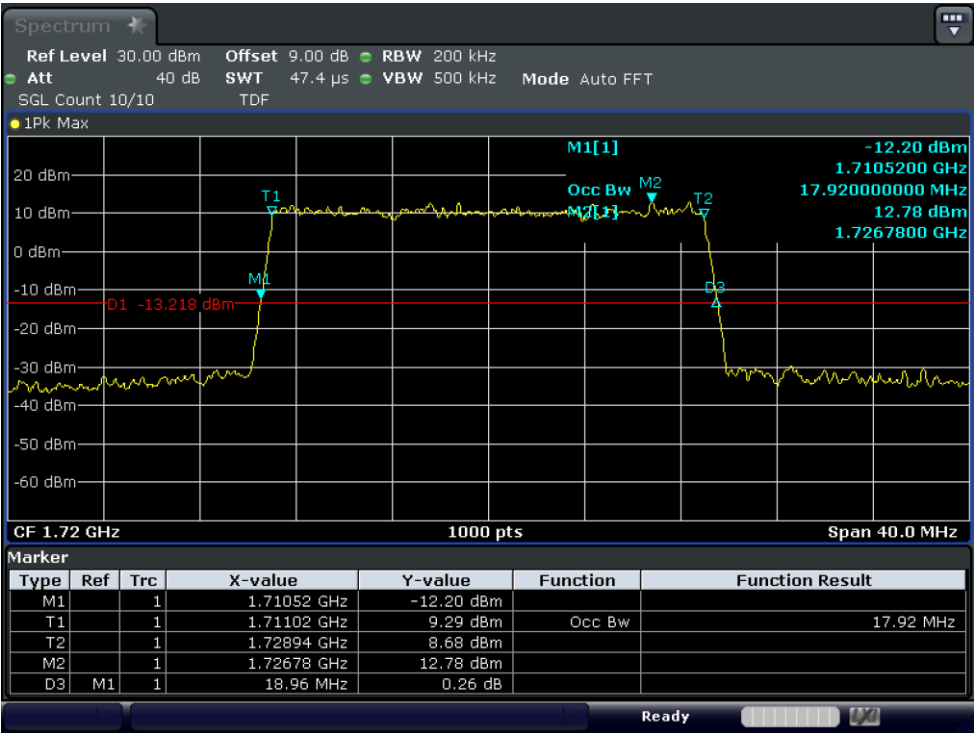




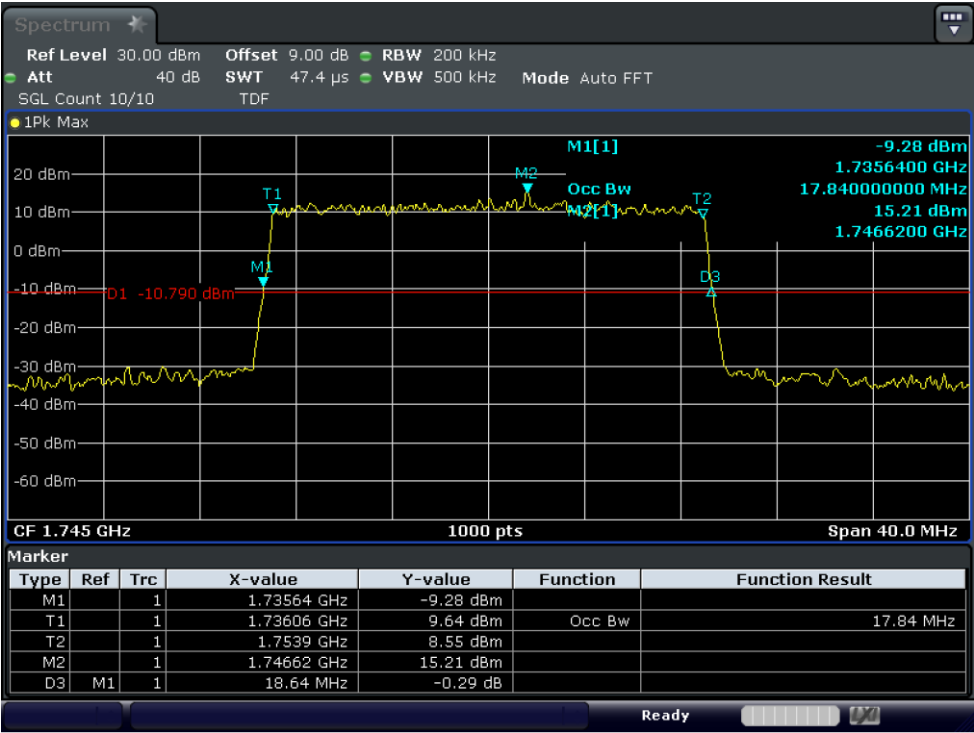
Test_Graph_band66_1745MHz_15M_QPSK_75RB#LOW_OBW&EBW



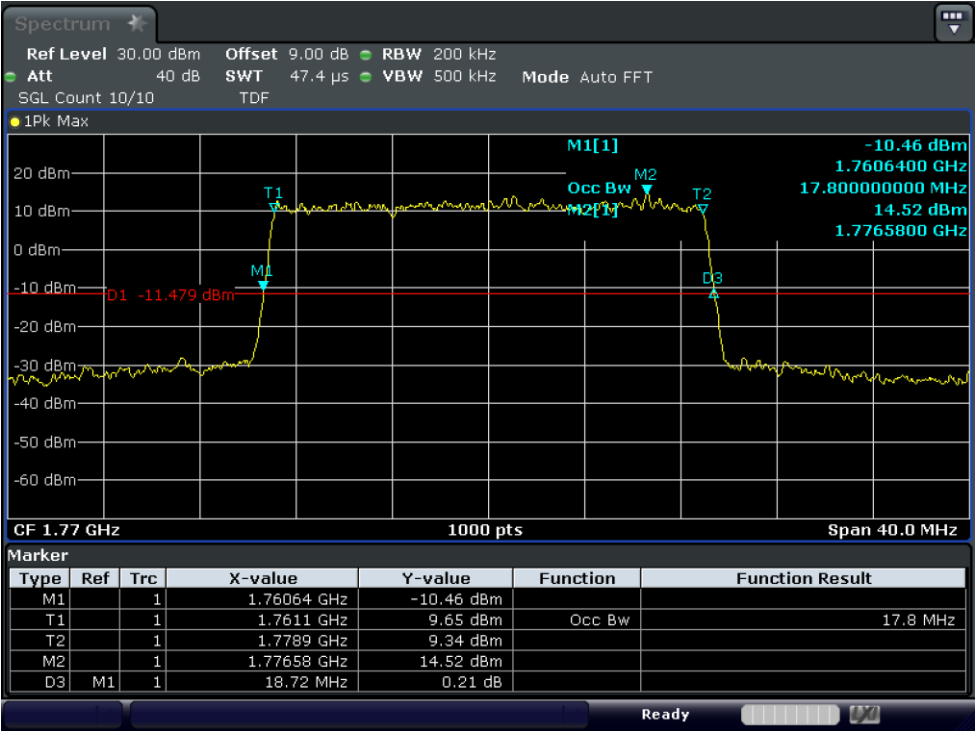
Test_Graph_band66_1772.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



Test_Graph_band66_1720MHz_20M_QPSK_100RB#LOW_OBW&EBW



Test_Graph_band66_1745MHz_20M_QPSK_100RB#LOW_OBW&EBW



Test_Graph_band66_1770MHz_20M_QPSK_100RB#LOW_OBW&EBW



Test_Graph_band66_1715MHz_10M_16QAM_27RB#LOW_OBW&EBW



Test Graph band66 1717.5MHz 15M 16QAM 27RB#LOW OBW&EBW



Test Graph band66 1720MHz 20M 16QAM 27RB#LOW OBW&EBW



Test Graph_band66_1745MHz_10M_16QAM_27RB#LOW_OBW&EBW



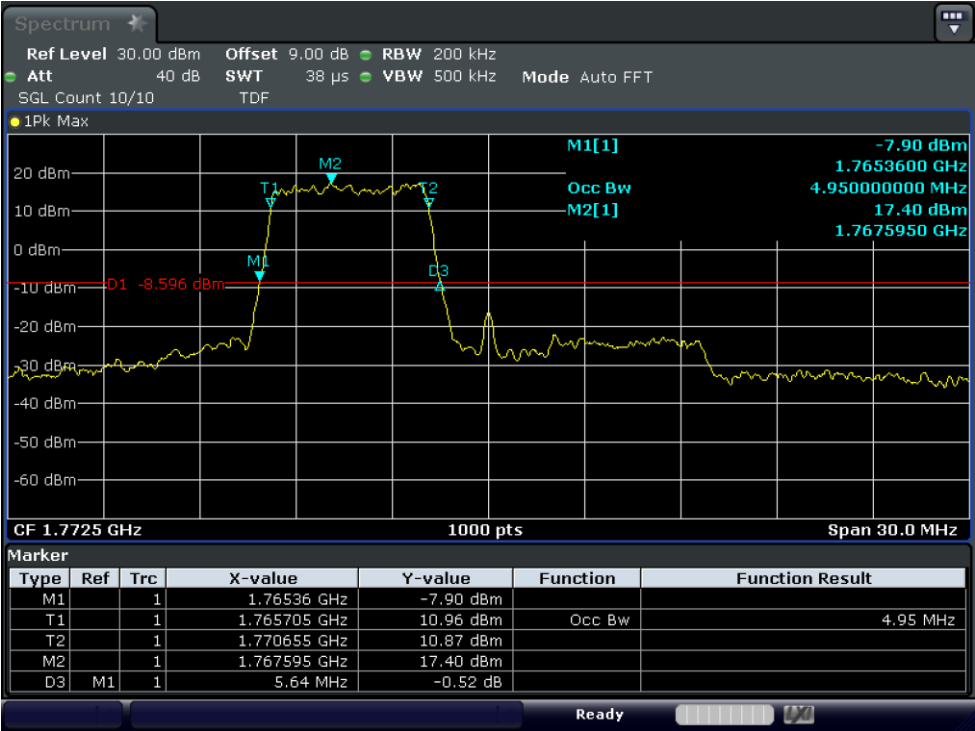
Test Graph_band66_1745MHz_15M_16QAM_27RB#LOW_OBW&EBW



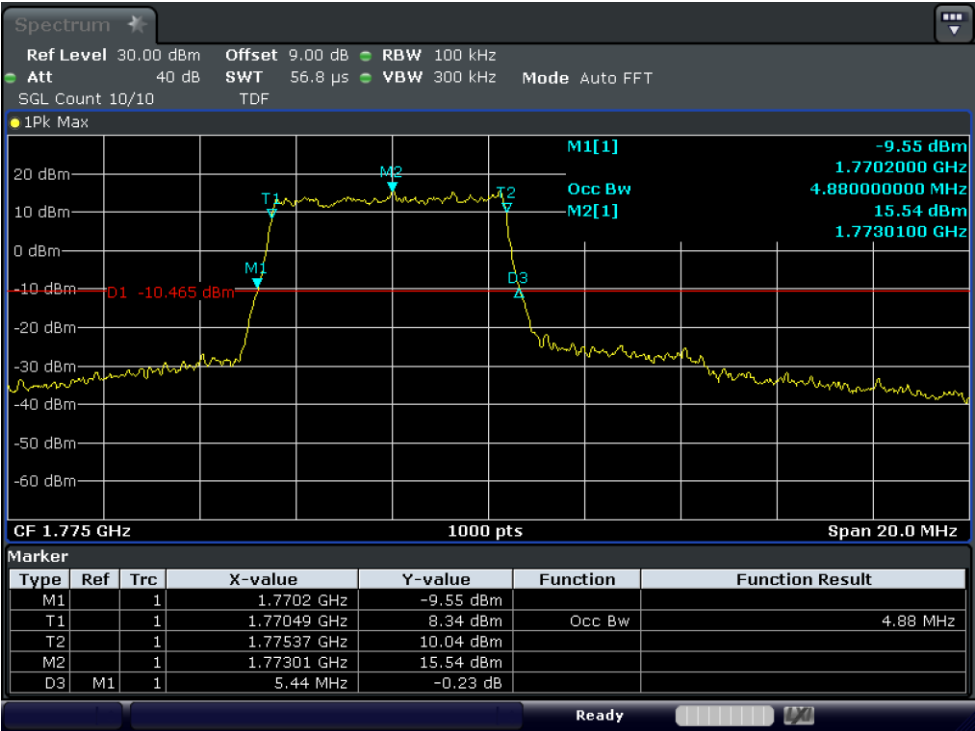
Test Graph_band66_1745MHz_20M_16QAM_27RB#LOW_OBW&EBW



Test Graph_band66_1770MHz_20M_16QAM_27RB#LOW_OBW&EBW



Test Graph_band66_1772.5MHz_15M_16QAM_27RB#LOW_OBW&EBW



Test Graph_band66_1775MHz_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
66	1.4	1710.7	QPSK	1	LOW	Pass
66	1.4	1710.7	QPSK	6	LOW	Pass
66	1.4	1710.7	16QAM	1	LOW	Pass
66	1.4	1710.7	16QAM	6	LOW	Pass
66	1.4	1779.3	QPSK	1	HIGH	Pass
66	1.4	1779.3	QPSK	6	LOW	Pass
66	1.4	1779.3	16QAM	1	HIGH	Pass
66	1.4	1779.3	16QAM	6	LOW	Pass
66	3	1711.5	QPSK	1	LOW	Pass
66	3	1711.5	QPSK	15	LOW	Pass
66	3	1711.5	16QAM	1	LOW	Pass
66	3	1711.5	16QAM	15	LOW	Pass
66	3	1778.5	QPSK	1	HIGH	Pass
66	3	1778.5	QPSK	15	LOW	Pass
66	3	1778.5	16QAM	1	HIGH	Pass
66	3	1778.5	16QAM	15	LOW	Pass
66	5	1712.5	QPSK	1	LOW	Pass
66	5	1712.5	QPSK	25	LOW	Pass
66	5	1712.5	16QAM	1	LOW	Pass
66	5	1712.5	16QAM	25	LOW	Pass
66	5	1777.5	QPSK	1	HIGH	Pass
66	5	1777.5	QPSK	25	LOW	Pass
66	5	1777.5	16QAM	1	HIGH	Pass
66	5	1777.5	16QAM	25	LOW	Pass
66	10	1715	QPSK	1	LOW	Pass
66	10	1715	QPSK	50	LOW	Pass
66	10	1715	16QAM	1	LOW	Pass
66	10	1775	QPSK	1	HIGH	Pass
66	10	1775	QPSK	50	LOW	Pass
66	10	1775	16QAM	1	HIGH	Pass
66	15	1717.5	QPSK	1	LOW	Pass
66	15	1717.5	QPSK	75	LOW	Pass
66	15	1717.5	16QAM	1	LOW	Pass
66	15	1772.5	QPSK	1	HIGH	Pass
66	15	1772.5	QPSK	75	LOW	Pass
66	15	1772.5	16QAM	1	HIGH	Pass





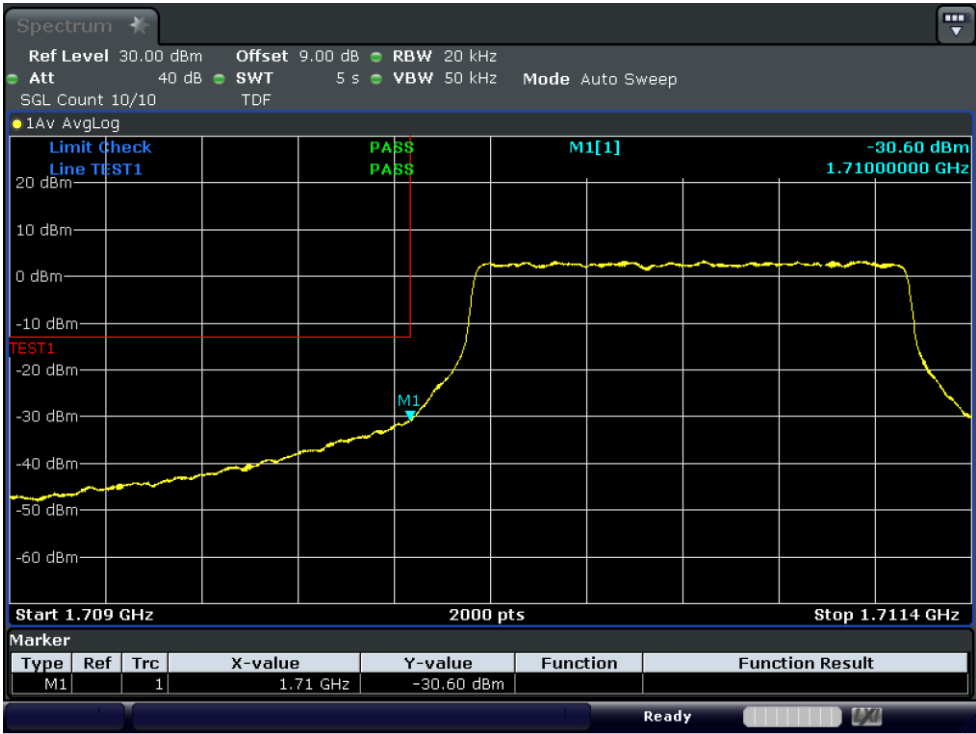
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
66	20	1720	QPSK	1	LOW	Pass
66	20	1720	QPSK	100	LOW	Pass
66	20	1720	16QAM	1	LOW	Pass
66	20	1770	QPSK	1	HIGH	Pass
66	20	1770	QPSK	100	LOW	Pass
66	20	1770	16QAM	1	HIGH	Pass



Test Graphs



Test_Graph_band66_1710.7MHz_1.4M_16QAM_1RB#LOW_Band edge



Test_Graph_band66_1710.7MHz_1.4M_16QAM_6RB#LOW_Band edge



Test_Graph_band66_1710.7MHz_1.4M_QPSK_1RB#LOW_Band edge



Test_Graph_band66_1710.7MHz_1.4M_QPSK_6RB#LOW_Band edge



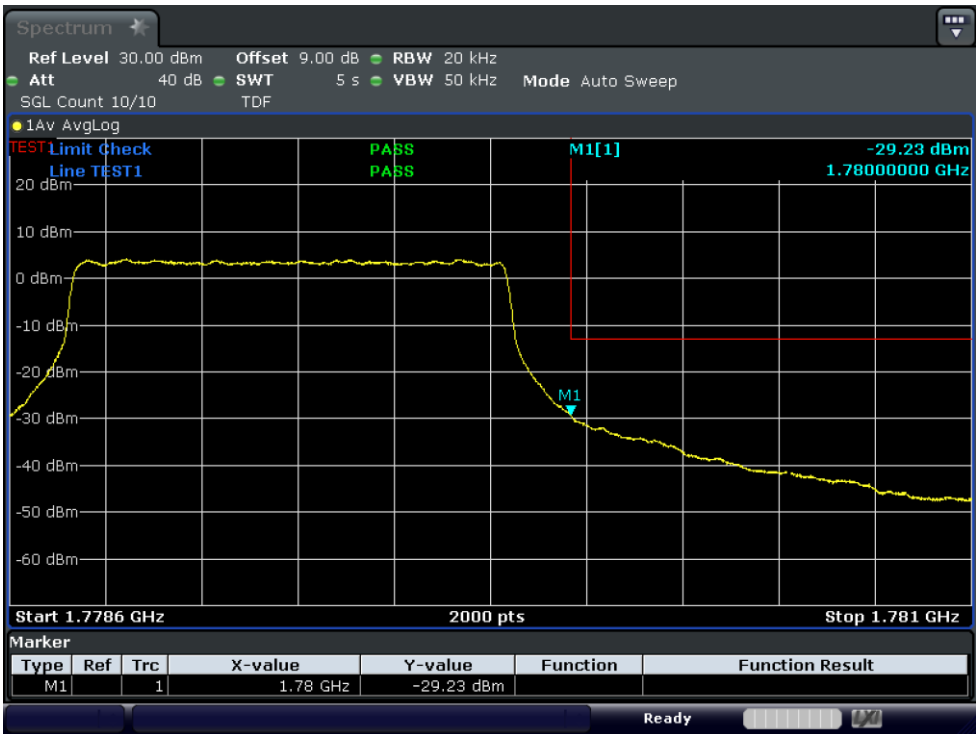
Test_Graph_band66_1779.3MHz_1.4M_16QAM_1RB#HIGH_Band edge



Test_Graph_band66_1779.3MHz_1.4M_16QAM_6RB#LOW_Band edge

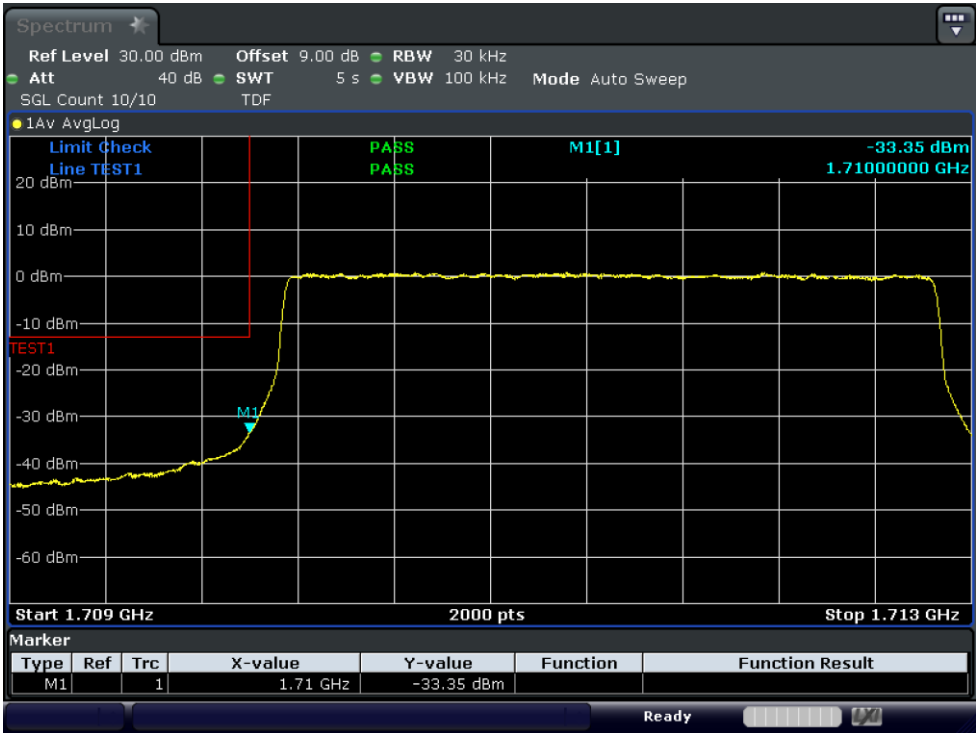


Test_Graph_band66_1779.3MHz_1.4M_QPSK_1RB#HIGH_Band edge

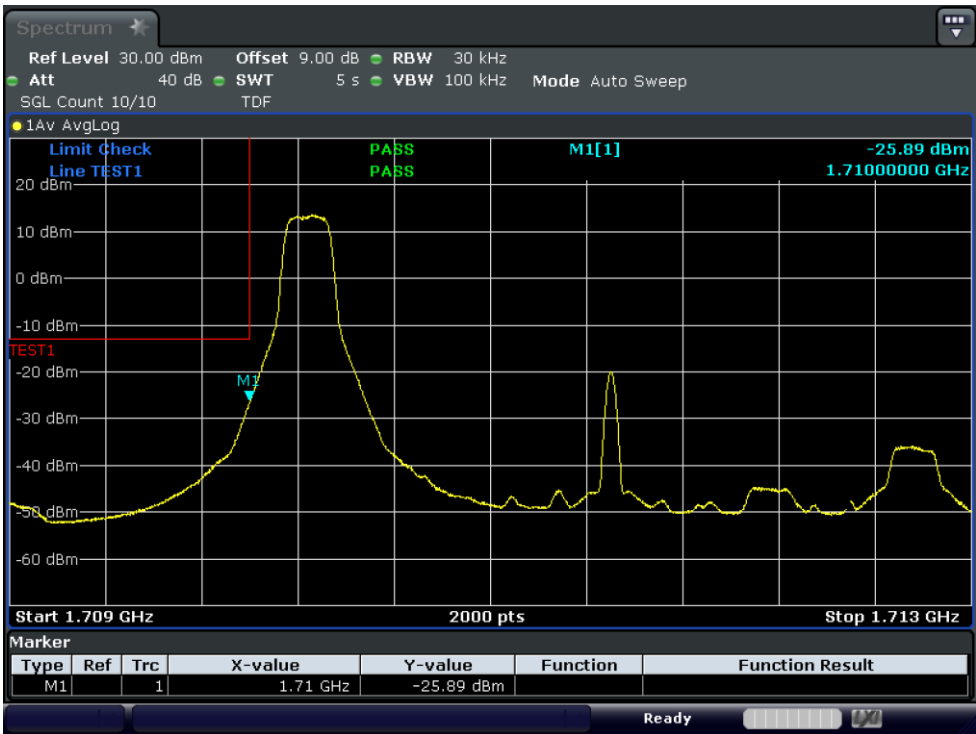


Test_Graph_band66_1779.3MHz_1.4M_QPSK_6RB#LOW_Band edge



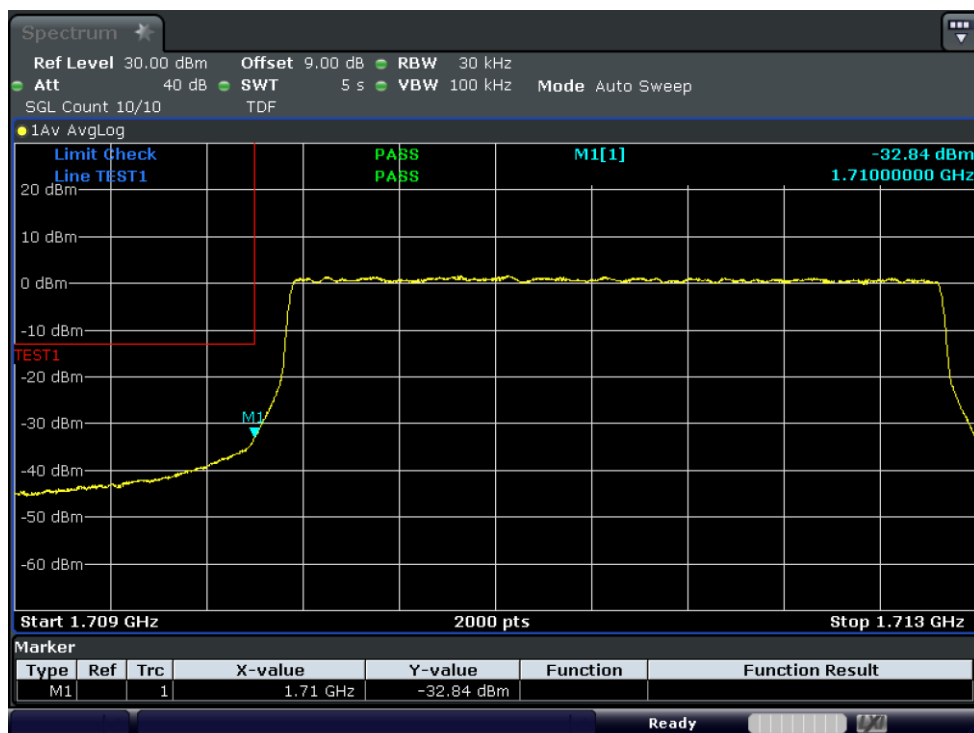


Test_Graph_band66_1711.5MHz_3M_16QAM_15RB#LOW_Band edge

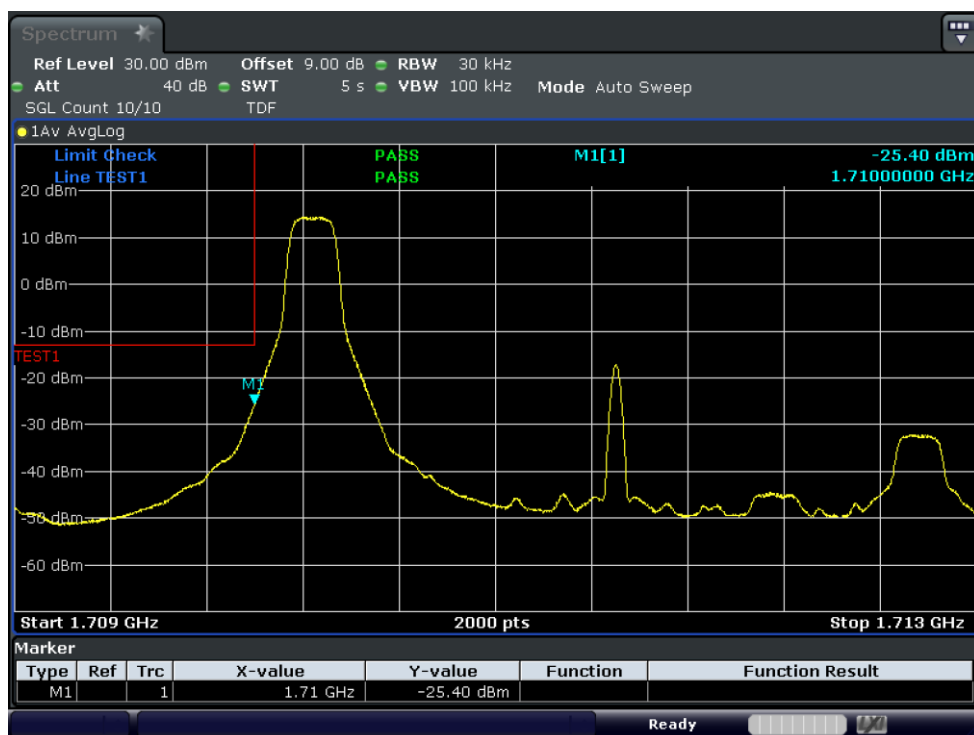


Test_Graph_band66_1711.5MHz_3M_16QAM_1RB#LOW_Band edge



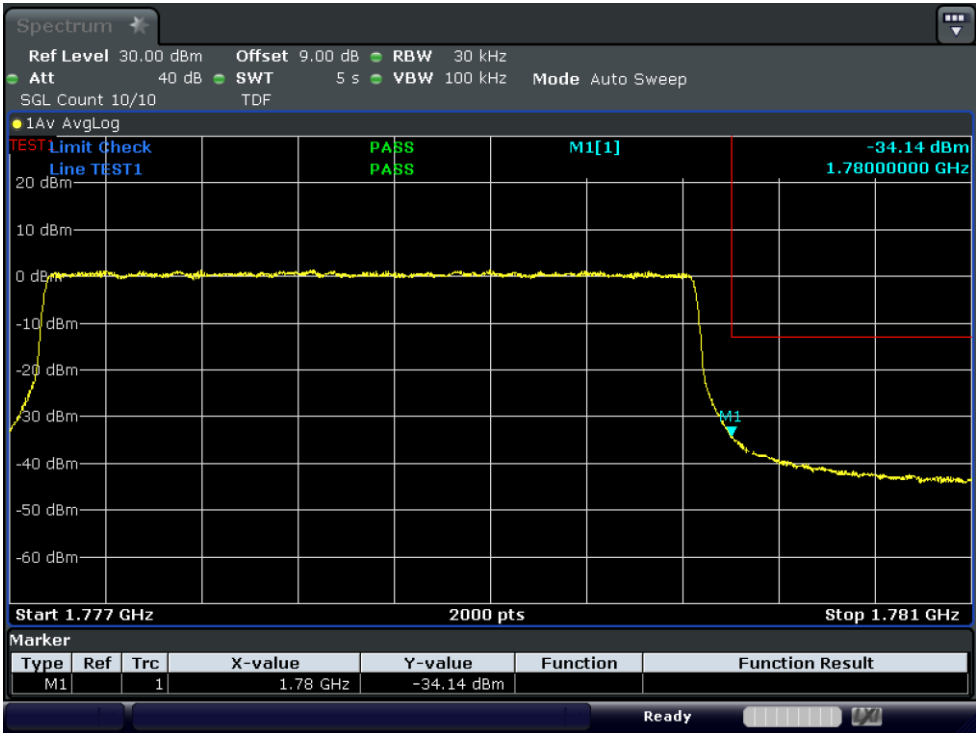


Test_Graph_band66_1711.5MHz_3M_QPSK_15RB#LOW_Band edge

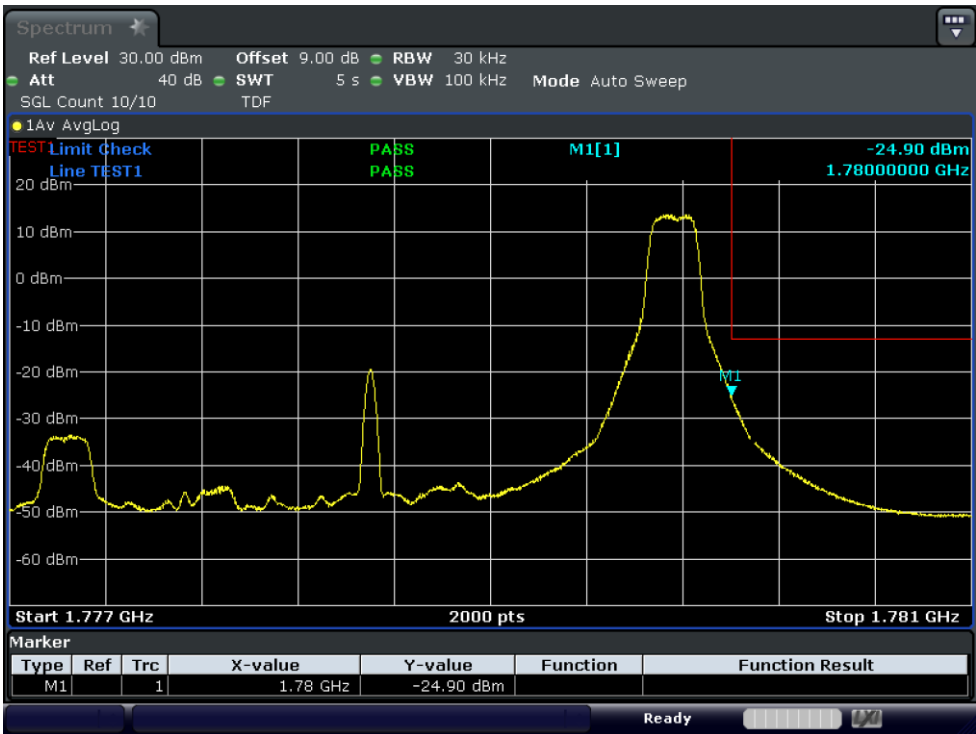


Test_Graph_band66_1711.5MHz_3M_QPSK_1RB#LOW_Band edge



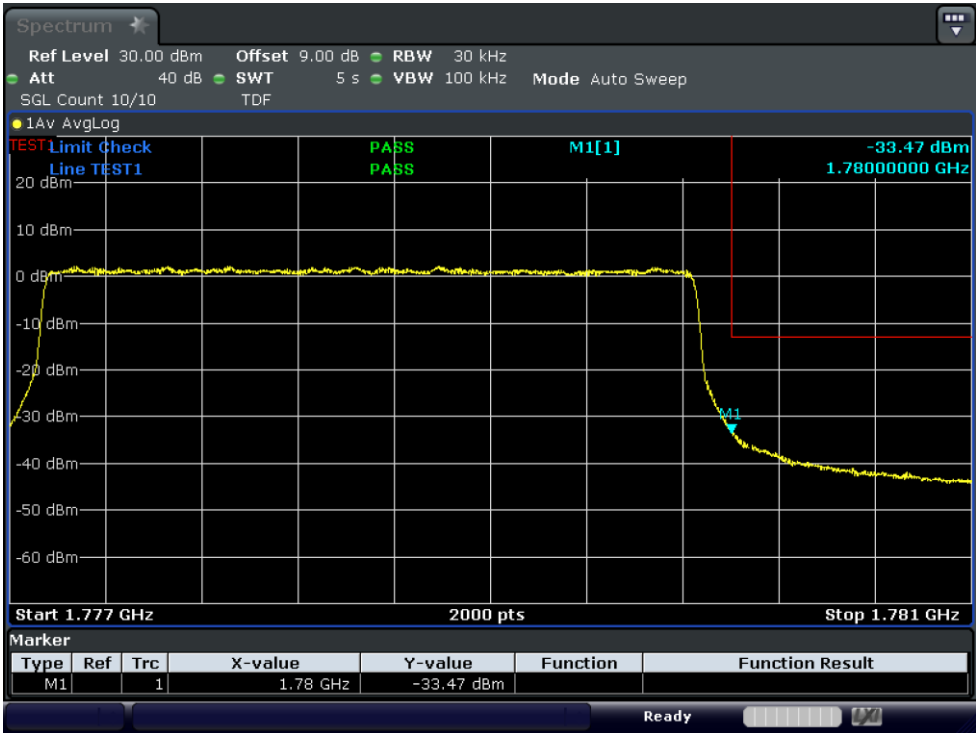


Test_Graph_band66_1778.5MHz_3M_16QAM_15RB#LOW_Band edge



Test_Graph_band66_1778.5MHz_3M_16QAM_1RB#HIGH_Band edge



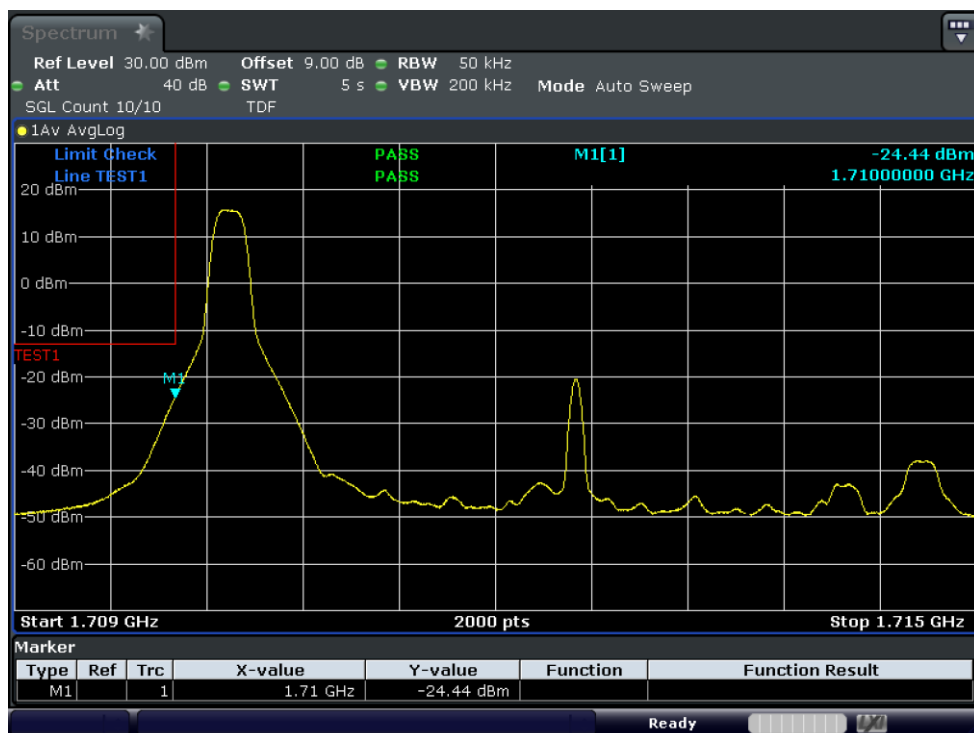


Test_Graph_band66_1778.5MHz_3M_QPSK_15RB#LOW_Band edge

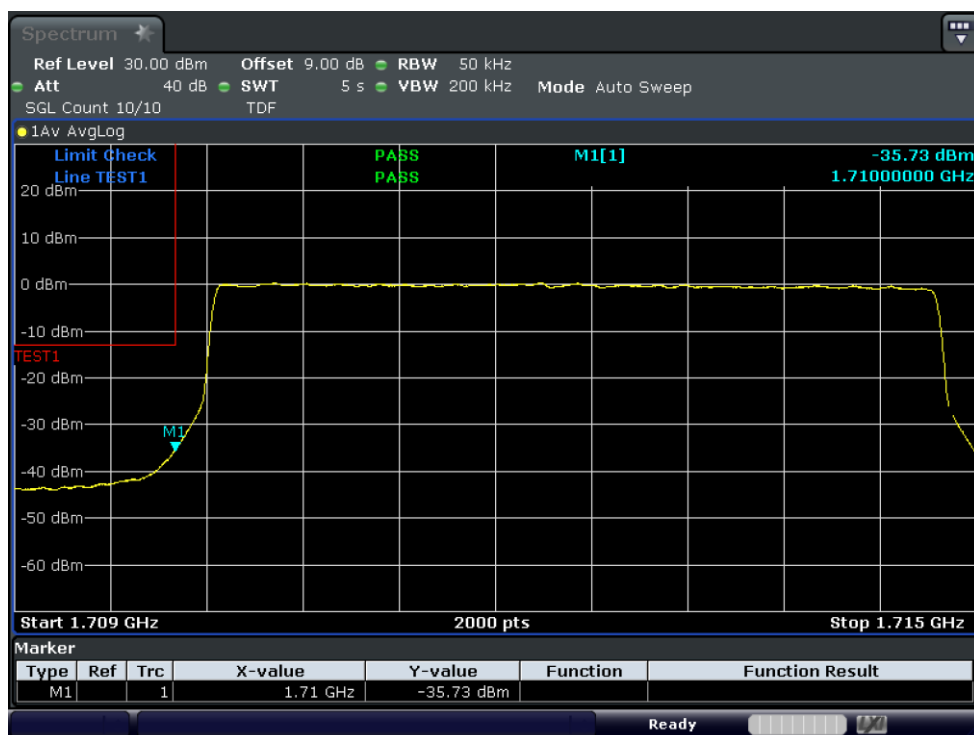


Test_Graph_band66_1778.5MHz_3M_QPSK_1RB#HIGH_Band edge





Test_Graph_band66_1712.5MHz_5M_16QAM_1RB#LOW_Band edge

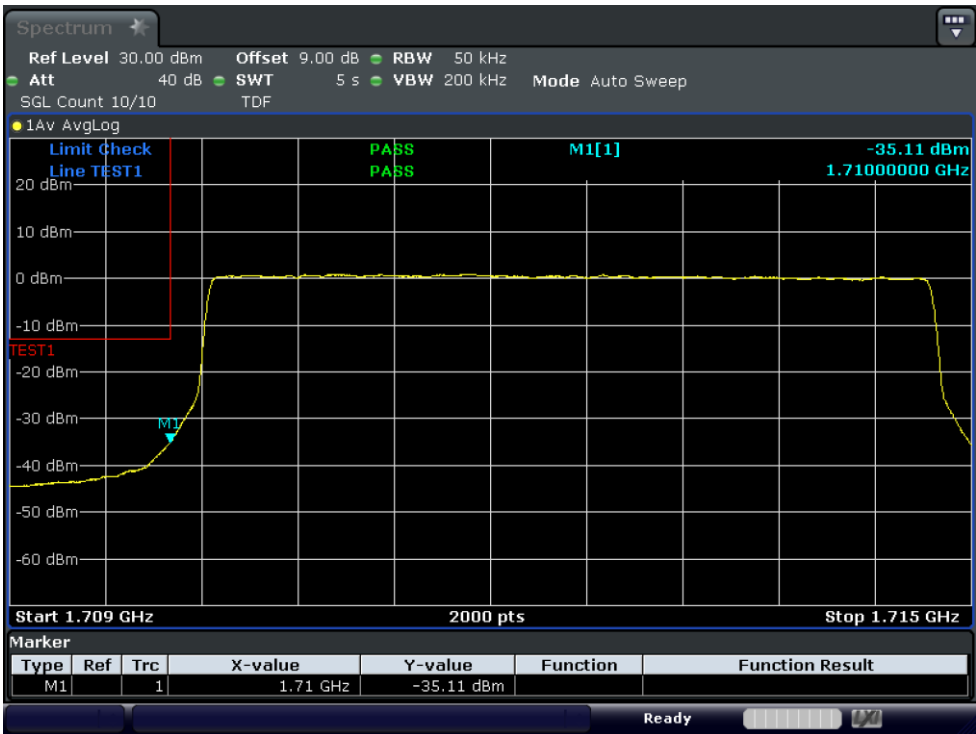


Test_Graph_band66_1712.5MHz_5M_16QAM_25RB#LOW_Band edge

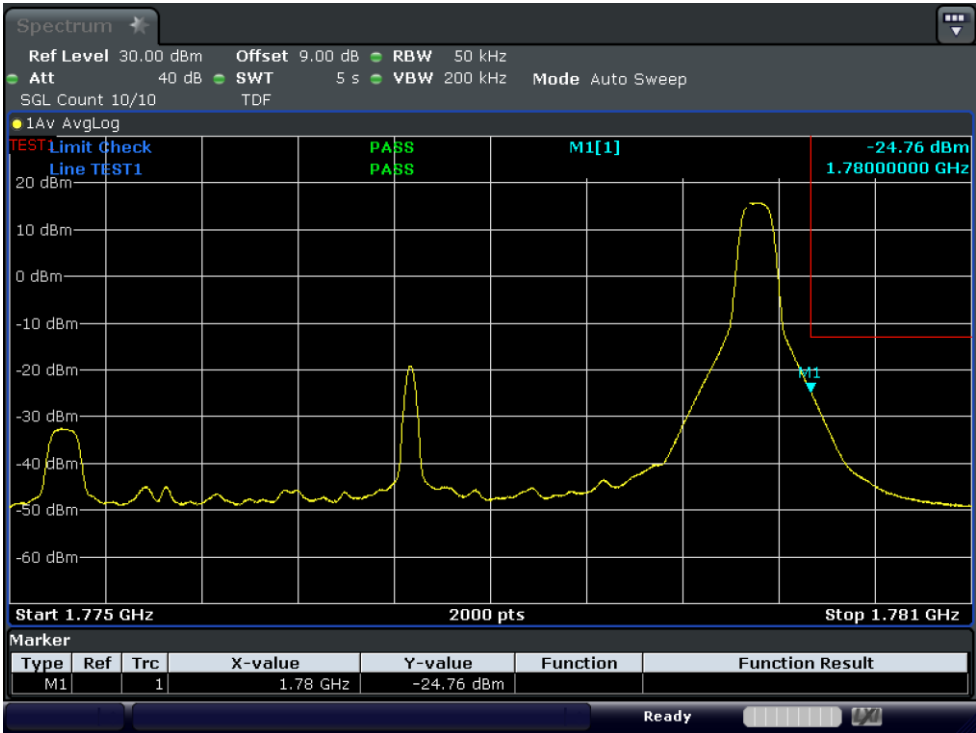




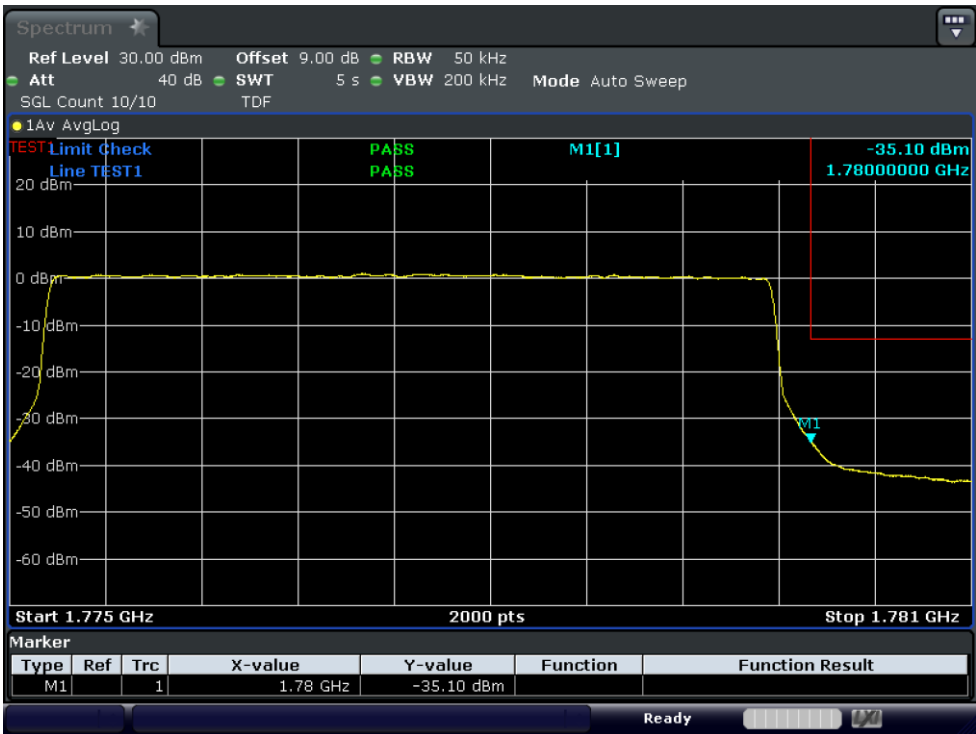
Test_Graph_band66_1712.5MHz_5M_QPSK_1RB#LOW_Band edge



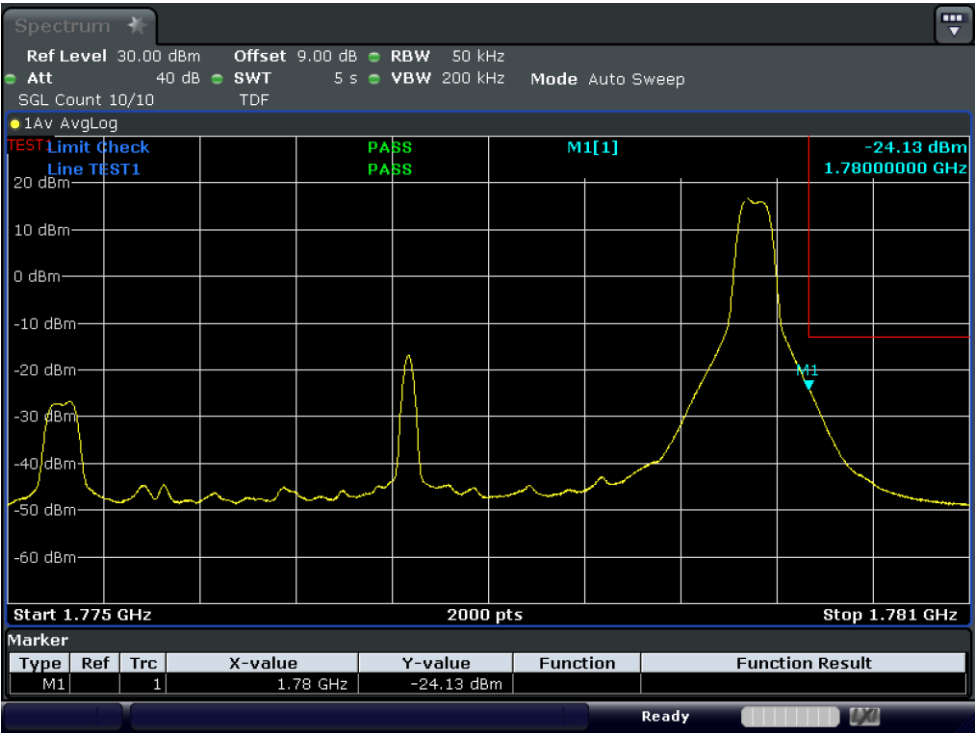
Test_Graph_band66_1712.5MHz_5M_QPSK_25RB#LOW_Band edge



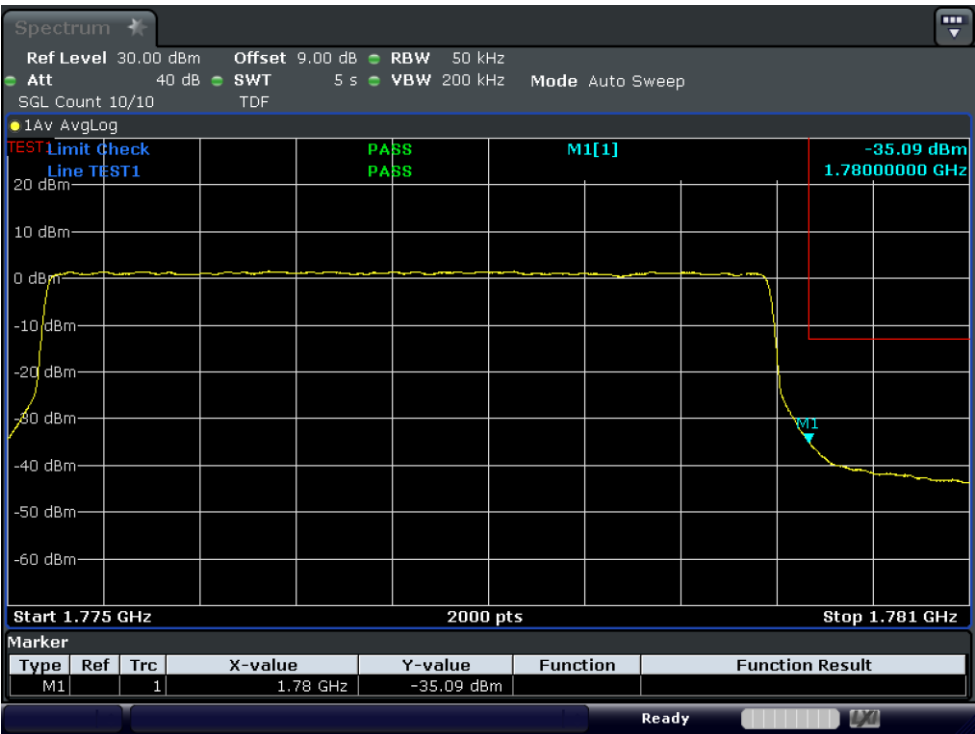
Test_Graph_band66_1777.5MHz_5M_16QAM_1RB#HIGH_Band edge



Test_Graph_band66_1777.5MHz_5M_16QAM_25RB#LOW_Band edge



Test_Graph_band66_1777.5MHz_5M_QPSK_1RB#HIGH_Band edge



Test_Graph_band66_1777.5MHz_5M_QPSK_25RB#LOW_Band edge



Test_Graph_band66_1715MHz_10M_16QAM_1RB#LOW_Band edge



Test_Graph_band66_1715MHz_10M_QPSK_1RB#LOW_Band edge



Test_Graph_band66_1715MHz_10M_QPSK_50RB#LOW_Band edge



Test_Graph_band66_1775MHz_10M_16QAM_1RB#HIGH_Band edge