

Appendix Test Data for LTE band 2(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
2	1.4	1850.7	QPSK	6	LOW	21.33	27.11	5.78	13	1.5	22.83	33	Pass
2	1.4	1850.7	QPSK	3	LOW	22.17	27.35	5.18	13	1.5	23.67	33	Pass
2	1.4	1850.7	QPSK	3	MID	22.19	27.35	5.16	13	1.5	23.69	33	Pass
2	1.4	1850.7	QPSK	3	HIGH	22.26	27.51	5.25	13	1.5	23.76	33	Pass
2	1.4	1850.7	QPSK	1	LOW	22.15	26.67	4.52	13	1.5	23.65	33	Pass
2	1.4	1850.7	QPSK	1	MID	22.22	26.63	4.41	13	1.5	23.72	33	Pass
2	1.4	1850.7	QPSK	1	HIGH	22.21	26.76	4.55	13	1.5	23.71	33	Pass
2	1.4	1850.7	16QAM	6	LOW	20.39	26.93	6.54	13	1.5	21.89	33	Pass
2	1.4	1850.7	16QAM	3	LOW	21.43	27	5.57	13	1.5	22.93	33	Pass
2	1.4	1850.7	16QAM	3	MID	21.42	27	5.58	13	1.5	22.92	33	Pass
2	1.4	1850.7	16QAM	3	HIGH	21.43	27.13	5.70	13	1.5	22.93	33	Pass
2	1.4	1850.7	16QAM	1	LOW	21.36	26.43	5.07	13	1.5	22.86	33	Pass
2	1.4	1850.7	16QAM	1	MID	21.37	26.4	5.03	13	1.5	22.87	33	Pass
2	1.4	1850.7	16QAM	1	HIGH	21.41	26.43	5.02	13	1.5	22.91	33	Pass
2	1.4	1880	QPSK	6	LOW	21.29	27.27	5.98	13	1.5	22.79	33	Pass
2	1.4	1880	QPSK	3	LOW	22.17	27.41	5.24	13	1.5	23.67	33	Pass
2	1.4	1880	QPSK	3	MID	22.15	27.39	5.24	13	1.5	23.65	33	Pass
2	1.4	1880	QPSK	3	HIGH	22.14	27.39	5.25	13	1.5	23.64	33	Pass
2	1.4	1880	QPSK	1	LOW	22.16	27.37	5.21	13	1.5	23.66	33	Pass
2	1.4	1880	QPSK	1	MID	22.16	27.33	5.17	13	1.5	23.66	33	Pass
2	1.4	1880	QPSK	1	HIGH	22.17	27.36	5.19	13	1.5	23.67	33	Pass
2	1.4	1880	16QAM	6	LOW	20.41	27.27	6.86	13	1.5	21.91	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	27.27	5.84	13	1.5	22.93	33	Pass
2	1.4	1880	16QAM	3	MID	21.43	27.27	5.84	13	1.5	22.93	33	Pass
2	1.4	1880	16QAM	3	HIGH	21.49	27.26	5.77	13	1.5	22.99	33	Pass
2	1.4	1880	16QAM	1	LOW	21.29	26.87	5.58	13	1.5	22.79	33	Pass
2	1.4	1880	16QAM	1	MID	21.31	26.79	5.48	13	1.5	22.81	33	Pass
2	1.4	1880	16QAM	1	HIGH	21.32	26.8	5.48	13	1.5	22.82	33	Pass
2	1.4	1909.3	QPSK	6	LOW	20.85	26.16	5.31	13	1.5	22.35	33	Pass
2	1.4	1909.3	QPSK	3	LOW	21.64	26.48	4.84	13	1.5	23.14	33	Pass
2	1.4	1909.3	QPSK	3	MID	21.62	26.45	4.83	13	1.5	23.12	33	Pass
2	1.4	1909.3	QPSK	3	HIGH	21.61	26.22	4.61	13	1.5	23.11	33	Pass
2	1.4	1909.3	QPSK	1	LOW	21.68	26.26	4.58	13	1.5	23.18	33	Pass
2	1.4	1909.3	QPSK	1	MID	21.61	26.04	4.43	13	1.5	23.11	33	Pass
2	1.4	1909.3	QPSK	1	HIGH	21.55	26.08	4.53	13	1.5	23.05	33	Pass
2	1.4	1909.3	16QAM	6	LOW	19.91	25.99	6.08	13	1.5	21.41	33	Pass
2	1.4	1909.3	16QAM	3	LOW	20.84	26.49	5.65	13	1.5	22.34	33	Pass
2	1.4	1909.3	16QAM	3	MID	20.84	26.49	5.65	13	1.5	22.34	33	Pass
2	1.4	1909.3	16QAM	3	HIGH	20.78	26.34	5.56	13	1.5	22.28	33	Pass
2	1.4	1909.3	16QAM	1	LOW	21	25.55	4.55	13	1.5	22.5	33	Pass
2	1.4	1909.3	16QAM	1	MID	20.94	25.44	4.5	13	1.5	22.44	33	Pass
2	1.4	1909.3	16QAM	1	HIGH	20.86	25.51	4.65	13	1.5	22.36	33	Pass
2	3	1851.5	QPSK	15	LOW	21.47	27.19	5.72	13	1.5	22.97	33	Pass
2	3	1851.5	QPSK	8	LOW	21.32	26.89	5.57	13	1.5	22.82	33	Pass
2	3	1851.5	QPSK	8	MID	21.29	26.8	5.51	13	1.5	22.79	33	Pass
2	3	1851.5	QPSK	8	HIGH	21.32	26.76	5.44	13	1.5	22.82	33	Pass
2	3	1851.5	QPSK	1	LOW	22.1	26.57	4.47	13	1.5	23.6	33	Pass
2	3	1851.5	QPSK	1	MID	22.15	26.66	4.51	13	1.5	23.65	33	Pass
2	3	1851.5	QPSK	1	HIGH	22.08	26.66	4.58	13	1.5	23.58	33	Pass
2	3	1851.5	16QAM	15	LOW	20.45	26.8	6.35	13	1.5	21.95	33	Pass
2	3	1851.5	16QAM	8	LOW	20.58	26.89	6.31	13	1.5	22.08	33	Pass
2	3	1851.5	16QAM	8	MID	20.59	26.96	6.37	13	1.5	22.09	33	Pass
2	3	1851.5	16QAM	8	HIGH	20.64	27.01	6.37	13	1.5	22.14	33	Pass
2	3	1851.5	16QAM	1	LOW	21.82	27.05	5.23	13	1.5	23.32	33	Pass
2	3	1851.5	16QAM	1	MID	21.89	27.13	5.24	13	1.5	23.39	33	Pass
2	3	1851.5	16QAM	1	HIGH	21.79	27.16	5.37	13	1.5	23.29	33	Pass
2	3	1880	QPSK	15	LOW	21.23	27.12	5.89	13	1.5	22.73	33	Pass
2	3	1880	QPSK	8	LOW	21.22	27.13	5.91	13	1.5	22.72	33	Pass
2	3	1880	QPSK	8	MID	21.22	27.13	5.91	13	1.5	22.72	33	Pass
2	3	1880	QPSK	8	HIGH	21.24	27.09	5.85	13	1.5	22.74	33	Pass
2	3	1880	QPSK	1	LOW	22.12	27	4.88	13	1.5	23.62	33	Pass
2	3	1880	QPSK	1	MID	22.2	26.98	4.78	13	1.5	23.7	33	Pass
2	3	1880	QPSK	1	HIGH	22.09	26.93	4.84	13	1.5	23.59	33	Pass





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2	3	1880	16QAM	15	LOW	20.39	27.27	6.88	13	1.5	21.89	33	Pass
2	3	1880	16QAM	8	LOW	20.41	26.67	6.26	13	1.5	21.91	33	Pass
2	3	1880	16QAM	8	MID	20.42	26.66	6.24	13	1.5	21.92	33	Pass
2	3	1880	16QAM	8	HIGH	20.44	26.76	6.32	13	1.5	21.94	33	Pass
2	3	1880	16QAM	1	LOW	21.38	26.11	4.73	13	1.5	22.88	33	Pass
2	3	1880	16QAM	1	MID	21.47	26.2	4.73	13	1.5	22.97	33	Pass
2	3	1880	16QAM	1	HIGH	21.36	26.12	4.76	13	1.5	22.86	33	Pass
2	3	1908.5	QPSK	15	LOW	20.95	26.76	5.81	13	1.5	22.45	33	Pass
2	3	1908.5	QPSK	8	LOW	21.02	26.52	5.5	13	1.5	22.52	33	Pass
2	3	1908.5	QPSK	8	MID	21.01	26.48	5.47	13	1.5	22.51	33	Pass
2	3	1908.5	QPSK	8	HIGH	20.85	26.22	5.37	13	1.5	22.35	33	Pass
2	3	1908.5	QPSK	1	LOW	21.85	26.12	4.27	13	1.5	23.35	33	Pass
2	3	1908.5	QPSK	1	MID	21.7	25.91	4.21	13	1.5	23.2	33	Pass
2	3	1908.5	QPSK	1	HIGH	21.46	25.72	4.26	13	1.5	22.96	33	Pass
2	3	1908.5	16QAM	15	LOW	20.05	26.43	6.38	13	1.5	21.55	33	Pass
2	3	1908.5	16QAM	8	LOW	20.18	26.06	5.88	13	1.5	21.68	33	Pass
2	3	1908.5	16QAM	8	MID	20.19	26.1	5.91	13	1.5	21.69	33	Pass
2	3	1908.5	16QAM	8	HIGH	20.04	26.04	6	13	1.5	21.54	33	Pass
2	3	1908.5	16QAM	1	LOW	21.06	25.87	4.81	13	1.5	22.56	33	Pass
2	3	1908.5	16QAM	1	MID	20.94	25.69	4.75	13	1.5	22.44	33	Pass
2	3	1908.5	16QAM	1	HIGH	20.71	25.51	4.80	13	1.5	22.21	33	Pass
2	5	1852.5	QPSK	25	LOW	21.46	27.23	5.77	13	1.5	22.96	33	Pass
2	5	1852.5	QPSK	12	LOW	21.39	26.82	5.43	13	1.5	22.89	33	Pass
2	5	1852.5	QPSK	12	MID	21.37	26.72	5.35	13	1.5	22.87	33	Pass
2	5	1852.5	QPSK	12	HIGH	21.38	26.86	5.48	13	1.5	22.88	33	Pass
2	5	1852.5	QPSK	1	LOW	22.27	27.09	4.82	13	1.5	23.77	33	Pass
2	5	1852.5	QPSK	1	MID	22.29	27.17	4.88	13	1.5	23.79	33	Pass
2	5	1852.5	QPSK	1	HIGH	22.21	27.2	4.99	13	1.5	23.71	33	Pass
2	5	1852.5	16QAM	25	LOW	20.49	27.2	6.71	13	1.5	21.99	33	Pass
2	5	1852.5	16QAM	12	LOW	20.41	27.26	6.85	13	1.5	21.91	33	Pass
2	5	1852.5	16QAM	12	MID	20.41	27.26	6.85	13	1.5	21.91	33	Pass
2	5	1852.5	16QAM	12	HIGH	20.46	27.37	6.91	13	1.5	21.96	33	Pass
2	5	1852.5	16QAM	1	LOW	21.27	26.32	5.05	13	1.5	22.77	33	Pass
2	5	1852.5	16QAM	1	MID	21.32	26.41	5.09	13	1.5	22.82	33	Pass
2	5	1852.5	16QAM	1	HIGH	21.29	26.41	5.12	13	1.5	22.79	33	Pass
2	5	1880	QPSK	25	LOW	21.25	27.31	6.06	13	1.5	22.75	33	Pass
2	5	1880	QPSK	12	LOW	21.27	27.21	5.94	13	1.5	22.77	33	Pass
2	5	1880	QPSK	12	MID	21.26	27.21	5.95	13	1.5	22.76	33	Pass
2	5	1880	QPSK	12	HIGH	21.27	27.13	5.86	13	1.5	22.77	33	Pass
2	5	1880	QPSK	1	LOW	22.11	26.93	4.82	13	1.5	23.61	33	Pass
2	5	1880	QPSK	1	MID	22.22	26.96	4.74	13	1.5	23.72	33	Pass





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2	5	1880	QPSK	1	HIGH	22.17	26.9	4.73	13	1.5	23.67	33	Pass
2	5	1880	16QAM	25	LOW	20.35	27.73	7.38	13	1.5	21.85	33	Pass
2	5	1880	16QAM	12	LOW	20.4	26.86	6.46	13	1.5	21.9	33	Pass
2	5	1880	16QAM	12	MID	20.4	26.8	6.40	13	1.5	21.9	33	Pass
2	5	1880	16QAM	12	HIGH	20.43	26.93	6.5	13	1.5	21.93	33	Pass
2	5	1880	16QAM	1	LOW	21.5	26.78	5.28	13	1.5	23	33	Pass
2	5	1880	16QAM	1	MID	21.63	26.83	5.20	13	1.5	23.13	33	Pass
2	5	1880	16QAM	1	HIGH	21.54	26.74	5.20	13	1.5	23.04	33	Pass
2	5	1907.5	QPSK	25	LOW	21.03	26.85	5.82	13	1.5	22.53	33	Pass
2	5	1907.5	QPSK	12	LOW	21.01	26.4	5.39	13	1.5	22.51	33	Pass
2	5	1907.5	QPSK	12	MID	21	26.43	5.43	13	1.5	22.5	33	Pass
2	5	1907.5	QPSK	12	HIGH	20.84	26.2	5.36	13	1.5	22.34	33	Pass
2	5	1907.5	QPSK	1	LOW	21.96	26.33	4.37	13	1.5	23.46	33	Pass
2	5	1907.5	QPSK	1	MID	21.85	26.12	4.27	13	1.5	23.35	33	Pass
2	5	1907.5	QPSK	1	HIGH	21.58	25.88	4.30	13	1.5	23.08	33	Pass
2	5	1907.5	16QAM	25	LOW	20.13	26.58	6.45	13	1.5	21.63	33	Pass
2	5	1907.5	16QAM	12	LOW	20.18	26.36	6.18	13	1.5	21.68	33	Pass
2	5	1907.5	16QAM	12	MID	20.19	26.45	6.26	13	1.5	21.69	33	Pass
2	5	1907.5	16QAM	12	HIGH	19.96	26.18	6.22	13	1.5	21.46	33	Pass
2	5	1907.5	16QAM	1	LOW	21.15	26.31	5.16	13	1.5	22.65	33	Pass
2	5	1907.5	16QAM	1	MID	21.14	26.13	4.99	13	1.5	22.64	33	Pass
2	5	1907.5	16QAM	1	HIGH	20.86	25.91	5.05	13	1.5	22.36	33	Pass
2	10	1855	QPSK	50	LOW	21.27	27.08	5.81	13	1.5	22.77	33	Pass
2	10	1855	QPSK	25	LOW	21.22	27.09	5.87	13	1.5	22.72	33	Pass
2	10	1855	QPSK	25	MID	21.19	26.99	5.80	13	1.5	22.69	33	Pass
2	10	1855	QPSK	25	HIGH	21.15	27.1	5.95	13	1.5	22.65	33	Pass
2	10	1855	QPSK	1	LOW	22.11	26.5	4.39	13	1.5	23.61	33	Pass
2	10	1855	QPSK	1	MID	22.14	26.61	4.47	13	1.5	23.64	33	Pass
2	10	1855	QPSK	1	HIGH	22.08	26.61	4.53	13	1.5	23.58	33	Pass
2	10	1855	16QAM	25	LOW	20.34	27.06	6.72	13	1.5	21.84	33	Pass
2	10	1855	16QAM	25	MID	20.35	27	6.65	13	1.5	21.85	33	Pass
2	10	1855	16QAM	25	HIGH	20.31	27.05	6.74	13	1.5	21.81	33	Pass
2	10	1855	16QAM	1	LOW	21.87	26.96	5.09	13	1.5	23.37	33	Pass
2	10	1855	16QAM	1	MID	21.88	27.07	5.19	13	1.5	23.38	33	Pass
2	10	1855	16QAM	1	HIGH	21.81	27.15	5.34	13	1.5	23.31	33	Pass
2	10	1880	QPSK	50	LOW	21.08	26.94	5.86	13	1.5	22.58	33	Pass
2	10	1880	QPSK	25	LOW	21.02	26.82	5.80	13	1.5	22.52	33	Pass
2	10	1880	QPSK	25	MID	21.02	26.85	5.83	13	1.5	22.52	33	Pass
2	10	1880	QPSK	25	HIGH	21.08	26.74	5.66	13	1.5	22.58	33	Pass
2	10	1880	QPSK	1	LOW	21.93	26.81	4.88	13	1.5	23.43	33	Pass
2	10	1880	QPSK	1	MID	22.13	26.8	4.67	13	1.5	23.63	33	Pass





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2	10	1880	QPSK	1	HIGH	22.08	26.81	4.73	13	1.5	23.58	33	Pass
2	10	1880	16QAM	25	LOW	20.15	26.99	6.84	13	1.5	21.65	33	Pass
2	10	1880	16QAM	25	MID	20.17	27.05	6.88	13	1.5	21.67	33	Pass
2	10	1880	16QAM	25	HIGH	20.24	27.11	6.87	13	1.5	21.74	33	Pass
2	10	1880	16QAM	1	LOW	21.18	25.91	4.73	13	1.5	22.68	33	Pass
2	10	1880	16QAM	1	MID	21.41	26.04	4.63	13	1.5	22.91	33	Pass
2	10	1880	16QAM	1	HIGH	21.43	26.07	4.64	13	1.5	22.93	33	Pass
2	10	1905	QPSK	50	LOW	20.83	26.35	5.52	13	1.5	22.33	33	Pass
2	10	1905	QPSK	25	LOW	20.83	26.78	5.95	13	1.5	22.33	33	Pass
2	10	1905	QPSK	25	MID	20.82	26.82	6	13	1.5	22.32	33	Pass
2	10	1905	QPSK	25	HIGH	20.86	26.4	5.54	13	1.5	22.36	33	Pass
2	10	1905	QPSK	1	LOW	21.74	26.08	4.34	13	1.5	23.24	33	Pass
2	10	1905	QPSK	1	MID	21.85	26.04	4.19	13	1.5	23.35	33	Pass
2	10	1905	QPSK	1	HIGH	21.53	25.69	4.16	13	1.5	23.03	33	Pass
2	10	1905	16QAM	25	LOW	20.08	26.59	6.51	13	1.5	21.58	33	Pass
2	10	1905	16QAM	25	MID	20.1	26.66	6.56	13	1.5	21.6	33	Pass
2	10	1905	16QAM	25	HIGH	20.17	26.48	6.31	13	1.5	21.67	33	Pass
2	10	1905	16QAM	1	LOW	20.88	25.81	4.93	13	1.5	22.38	33	Pass
2	10	1905	16QAM	1	MID	21.06	25.85	4.79	13	1.5	22.56	33	Pass
2	10	1905	16QAM	1	HIGH	20.76	25.53	4.77	13	1.5	22.26	33	Pass
2	15	1857.5	QPSK	75	LOW	21.49	27.88	6.39	13	1.5	22.99	33	Pass
2	15	1857.5	QPSK	38	LOW	21.4	27.78	6.38	13	1.5	22.9	33	Pass
2	15	1857.5	QPSK	38	MID	21.37	27.75	6.38	13	1.5	22.87	33	Pass
2	15	1857.5	QPSK	38	HIGH	21.33	27.77	6.44	13	1.5	22.83	33	Pass
2	15	1857.5	QPSK	1	LOW	22.25	26.63	4.38	13	1.5	23.75	33	Pass
2	15	1857.5	QPSK	1	MID	22.25	26.68	4.43	13	1.5	23.75	33	Pass
2	15	1857.5	QPSK	1	HIGH	22.19	26.74	4.55	13	1.5	23.69	33	Pass
2	15	1857.5	16QAM	1	LOW	21.98	27.02	5.04	13	1.5	23.48	33	Pass
2	15	1857.5	16QAM	1	MID	21.95	27.16	5.21	13	1.5	23.45	33	Pass
2	15	1857.5	16QAM	1	HIGH	21.9	27.23	5.33	13	1.5	23.4	33	Pass
2	15	1880	QPSK	75	LOW	21.3	27.6	6.30	13	1.5	22.8	33	Pass
2	15	1880	QPSK	38	LOW	21.27	27.55	6.28	13	1.5	22.77	33	Pass
2	15	1880	QPSK	38	MID	21.26	27.52	6.26	13	1.5	22.76	33	Pass
2	15	1880	QPSK	38	HIGH	21.24	27.5	6.26	13	1.5	22.74	33	Pass
2	15	1880	QPSK	1	LOW	21.98	26.87	4.89	13	1.5	23.48	33	Pass
2	15	1880	QPSK	1	MID	22.27	26.92	4.65	13	1.5	23.77	33	Pass
2	15	1880	QPSK	1	HIGH	22.26	26.85	4.59	13	1.5	23.76	33	Pass
2	15	1880	16QAM	1	LOW	21.26	26.04	4.78	13	1.5	22.76	33	Pass
2	15	1880	16QAM	1	MID	21.55	26.19	4.64	13	1.5	23.05	33	Pass
2	15	1880	16QAM	1	HIGH	21.55	26.15	4.60	13	1.5	23.05	33	Pass
2	15	1902.5	QPSK	75	LOW	21.02	27.03	6.01	13	1.5	22.52	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	20.99	26.98	5.99	13	1.5	22.49	33	Pass
2	15	1902.5	QPSK	38	MID	20.98	26.99	6.01	13	1.5	22.48	33	Pass
2	15	1902.5	QPSK	38	HIGH	20.97	26.97	6	13	1.5	22.47	33	Pass
2	15	1902.5	QPSK	1	LOW	21.97	26.2	4.23	13	1.5	23.47	33	Pass
2	15	1902.5	QPSK	1	MID	21.96	25.97	4.01	13	1.5	23.46	33	Pass
2	15	1902.5	QPSK	1	HIGH	21.66	25.61	3.95	13	1.5	23.16	33	Pass
2	15	1902.5	16QAM	1	LOW	21.4	26.07	4.67	13	1.5	22.9	33	Pass
2	15	1902.5	16QAM	1	MID	21.48	25.99	4.51	13	1.5	22.98	33	Pass
2	15	1902.5	16QAM	1	HIGH	21.22	25.67	4.45	13	1.5	22.72	33	Pass
2	20	1860	QPSK	100	LOW	21.4	27.37	5.97	13	1.5	22.9	33	Pass
2	20	1860	QPSK	50	LOW	21.33	27.16	5.83	13	1.5	22.83	33	Pass
2	20	1860	QPSK	50	MID	21.31	27.17	5.86	13	1.5	22.81	33	Pass
2	20	1860	QPSK	50	HIGH	21.17	27.17	6	13	1.5	22.67	33	Pass
2	20	1860	QPSK	1	LOW	22.17	26.74	4.57	13	1.5	23.67	33	Pass
2	20	1860	QPSK	1	MID	22.23	26.87	4.64	13	1.5	23.73	33	Pass
2	20	1860	QPSK	1	HIGH	21.92	26.8	4.88	13	1.5	23.42	33	Pass
2	20	1860	16QAM	1	LOW	21.59	26.63	5.04	13	1.5	23.09	33	Pass
2	20	1860	16QAM	1	MID	21.69	26.74	5.05	13	1.5	23.19	33	Pass
2	20	1860	16QAM	1	HIGH	21.32	26.65	5.33	13	1.5	22.82	33	Pass
2	20	1880	QPSK	100	LOW	21.22	27.29	6.07	13	1.5	22.72	33	Pass
2	20	1880	QPSK	50	LOW	21.02	26.99	5.97	13	1.5	22.52	33	Pass
2	20	1880	QPSK	50	MID	21.02	26.9	5.88	13	1.5	22.52	33	Pass
2	20	1880	QPSK	50	HIGH	21.22	27.01	5.79	13	1.5	22.72	33	Pass
2	20	1880	QPSK	1	LOW	21.86	26.54	4.68	13	1.5	23.36	33	Pass
2	20	1880	QPSK	1	MID	22.23	26.69	4.46	13	1.5	23.73	33	Pass
2	20	1880	QPSK	1	HIGH	22.06	26.54	4.48	13	1.5	23.56	33	Pass
2	20	1880	16QAM	1	LOW	21.18	26.71	5.53	13	1.5	22.68	33	Pass
2	20	1880	16QAM	1	MID	21.57	26.86	5.29	13	1.5	23.07	33	Pass
2	20	1880	16QAM	1	HIGH	21.45	26.72	5.27	13	1.5	22.95	33	Pass
2	20	1900	QPSK	100	LOW	20.86	26.85	5.99	13	1.5	22.36	33	Pass
2	20	1900	QPSK	50	LOW	20.99	26.76	5.77	13	1.5	22.49	33	Pass
2	20	1900	QPSK	50	MID	20.99	26.75	5.76	13	1.5	22.49	33	Pass
2	20	1900	QPSK	50	HIGH	20.9	26.52	5.62	13	1.5	22.4	33	Pass
2	20	1900	QPSK	1	LOW	21.98	26.53	4.55	13	1.5	23.48	33	Pass
2	20	1900	QPSK	1	MID	21.82	26.26	4.44	13	1.5	23.32	33	Pass
2	20	1900	QPSK	1	HIGH	21.56	25.87	4.31	13	1.5	23.06	33	Pass
2	20	1900	16QAM	1	LOW	21.73	26.53	4.80	13	1.5	23.23	33	Pass
2	20	1900	16QAM	1	MID	21.46	26.22	4.76	13	1.5	22.96	33	Pass
2	20	1900	16QAM	1	HIGH	21.36	25.93	4.57	13	1.5	22.86	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	1.092	1.254	No limit
2	1.4	1850.7	16QAM	6	LOW	1.086	1.252	No limit
2	1.4	1880	QPSK	6	LOW	1.081	1.252	No limit
2	1.4	1880	16QAM	6	LOW	1.086	1.266	No limit
2	1.4	1909.3	QPSK	6	LOW	1.089	1.282	No limit
2	1.4	1909.3	16QAM	6	LOW	1.081	1.232	No limit
2	3	1851.5	QPSK	15	LOW	2.688	2.886	No limit
2	3	1851.5	16QAM	15	LOW	2.676	2.892	No limit
2	3	1880	QPSK	15	LOW	2.688	2.892	No limit
2	3	1880	16QAM	15	LOW	2.682	2.886	No limit
2	3	1908.5	QPSK	15	LOW	2.682	2.91	No limit
2	3	1908.5	16QAM	15	LOW	2.682	2.892	No limit
2	5	1852.5	QPSK	25	LOW	4.49	4.85	No limit
2	5	1852.5	16QAM	25	LOW	4.47	4.81	No limit
2	5	1880	QPSK	25	LOW	4.48	4.85	No limit
2	5	1880	16QAM	25	LOW	4.48	4.86	No limit
2	5	1907.5	QPSK	25	LOW	4.47	4.87	No limit
2	5	1907.5	16QAM	25	LOW	4.48	4.88	No limit
2	10	1855	QPSK	50	LOW	8.94	9.54	No limit
2	10	1880	QPSK	50	LOW	8.94	9.6	No limit
2	10	1905	QPSK	50	LOW	8.92	9.48	No limit
2	15	1857.5	QPSK	75	LOW	13.41	14.28	No limit
2	15	1880	QPSK	75	LOW	13.41	14.19	No limit
2	15	1902.5	QPSK	75	LOW	13.35	14.22	No limit
2	20	1860	QPSK	100	LOW	17.84	18.84	No limit
2	20	1880	QPSK	100	LOW	17.84	18.68	No limit
2	20	1900	QPSK	100	LOW	17.8	18.84	No limit
2	10	1855	16QAM	27	LOW	4.88	5.48	No limit
2	10	1880	16QAM	27	LOW	4.88	5.46	No limit
2	10	1905	16QAM	27	LOW	4.86	5.46	No limit
2	15	1857.5	16QAM	27	LOW	4.95	5.67	No limit
2	15	1880	16QAM	27	LOW	4.98	5.73	No limit
2	15	1902.5	16QAM	27	LOW	4.98	5.64	No limit
2	20	1860	16QAM	27	LOW	4.96	5.68	No limit
2	20	1880	16QAM	27	LOW	4.92	5.68	No limit
2	20	1900	16QAM	27	LOW	4.96	5.68	No limit

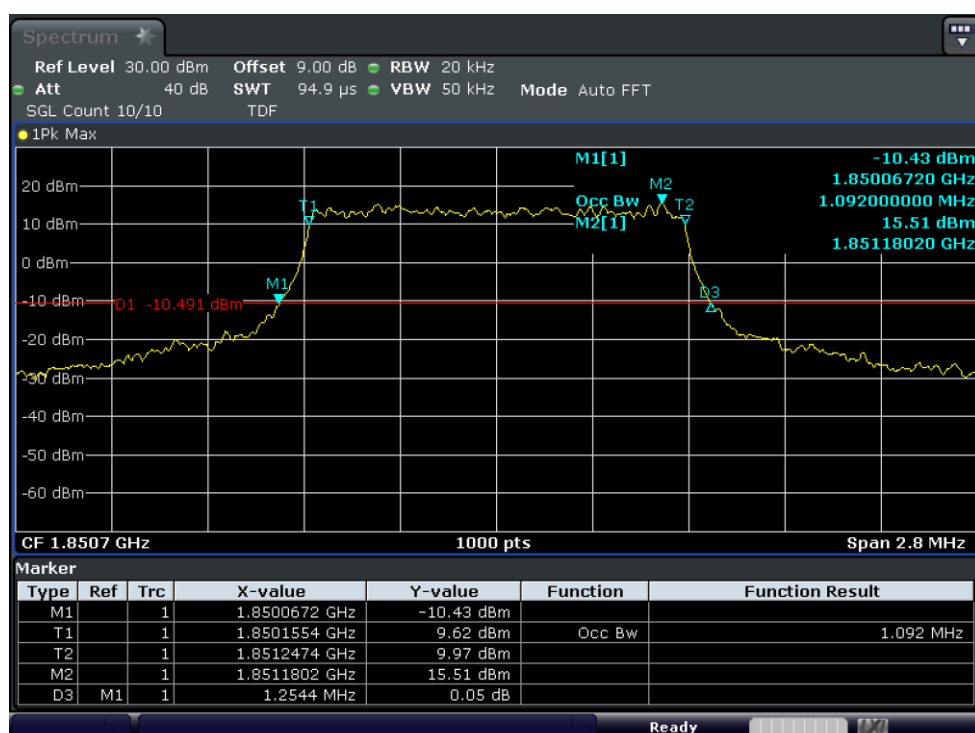




Test Graphs

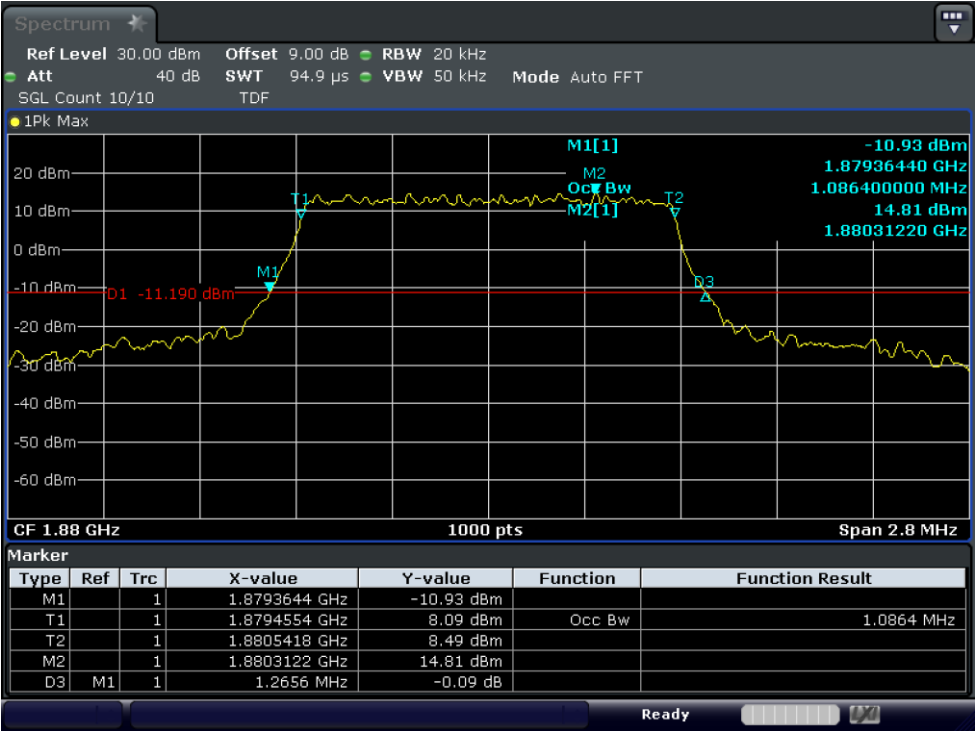


Test_Graph_band2_1850.7MHz_1.4M_16QAM_6RB#LOW_OBW&EBW

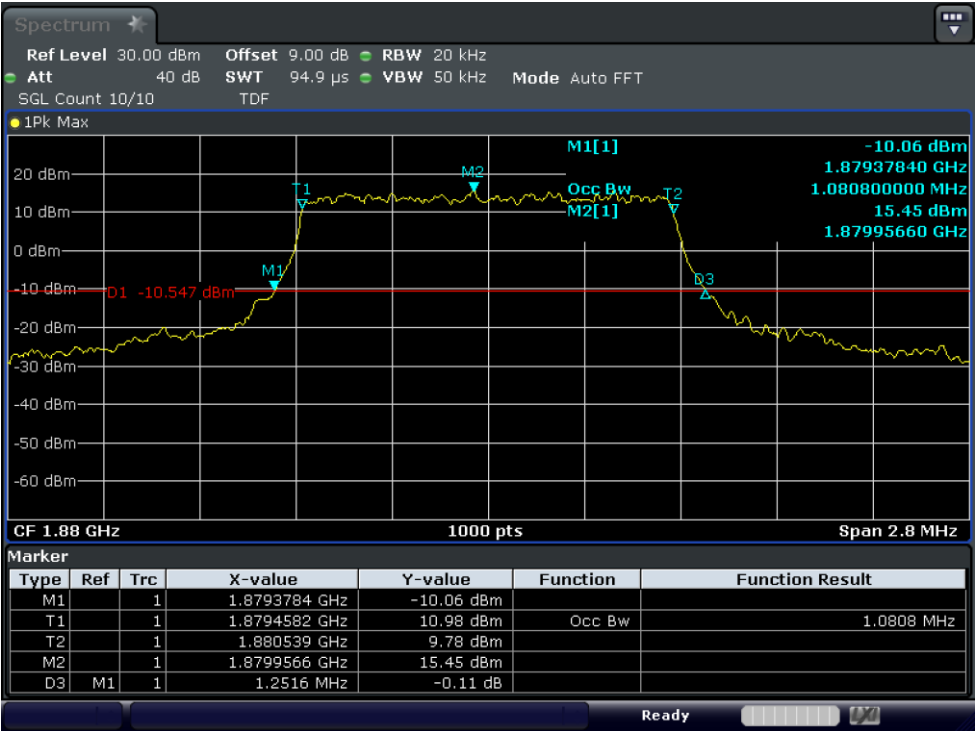


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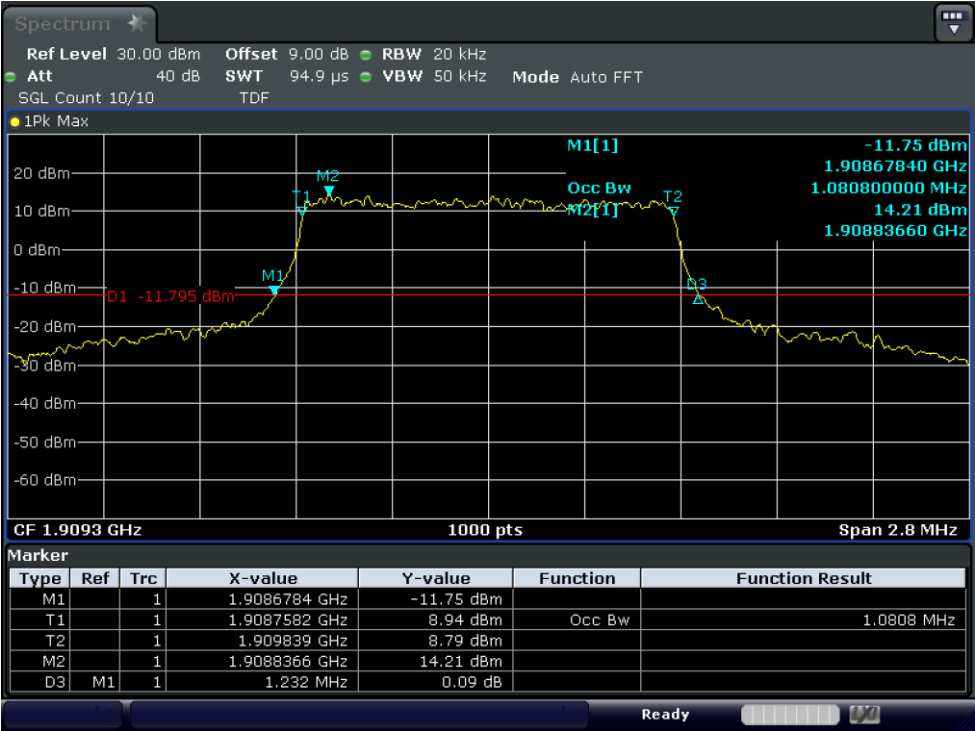




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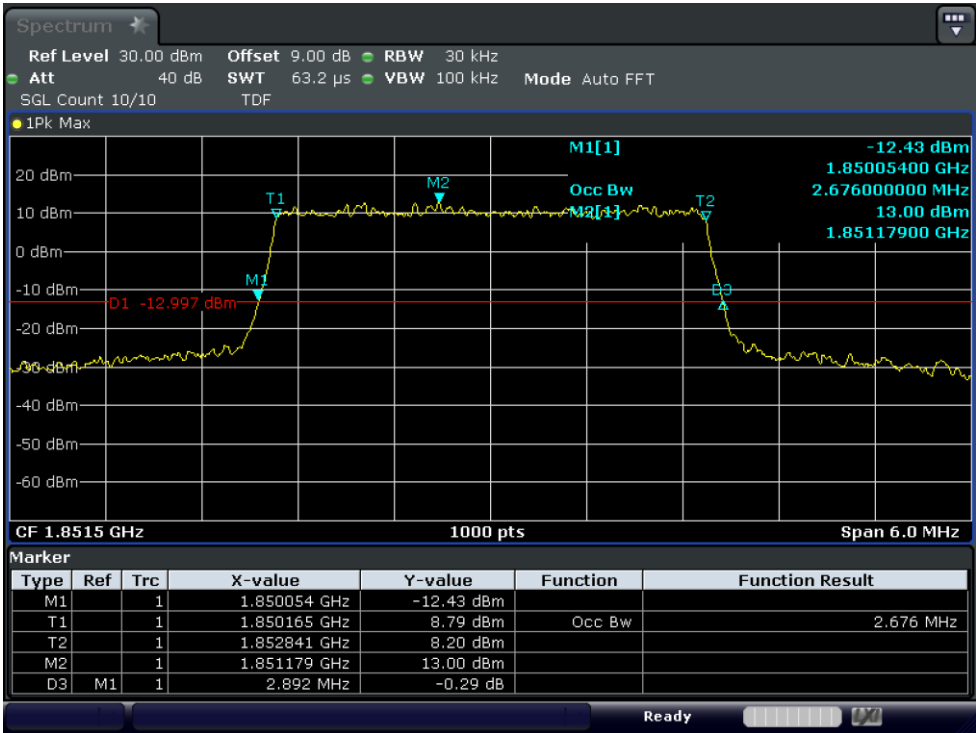
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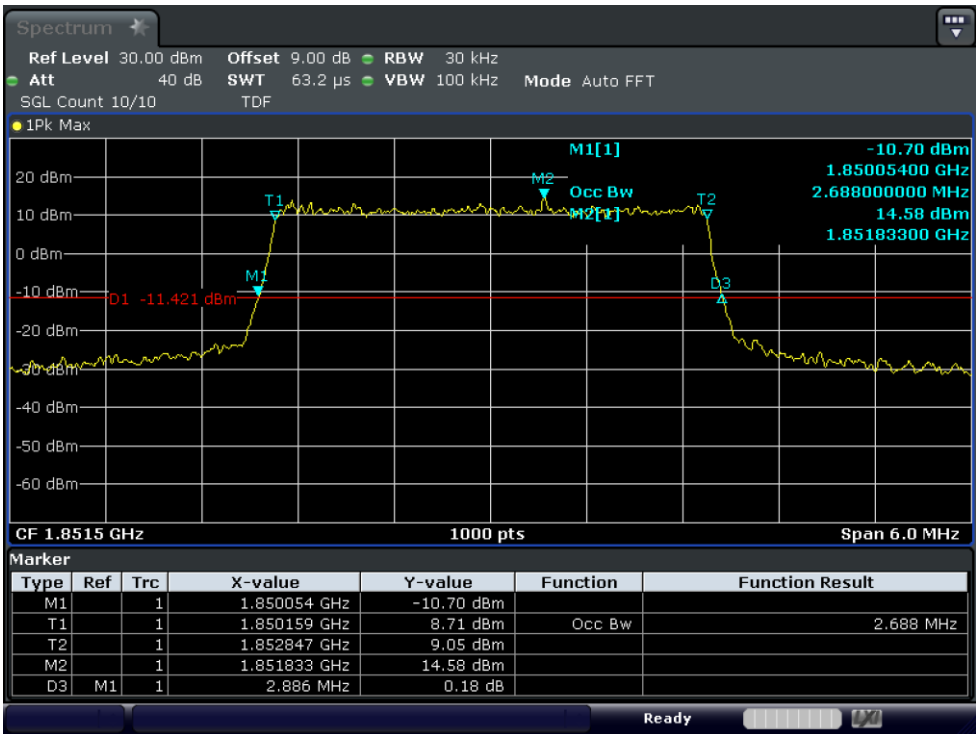
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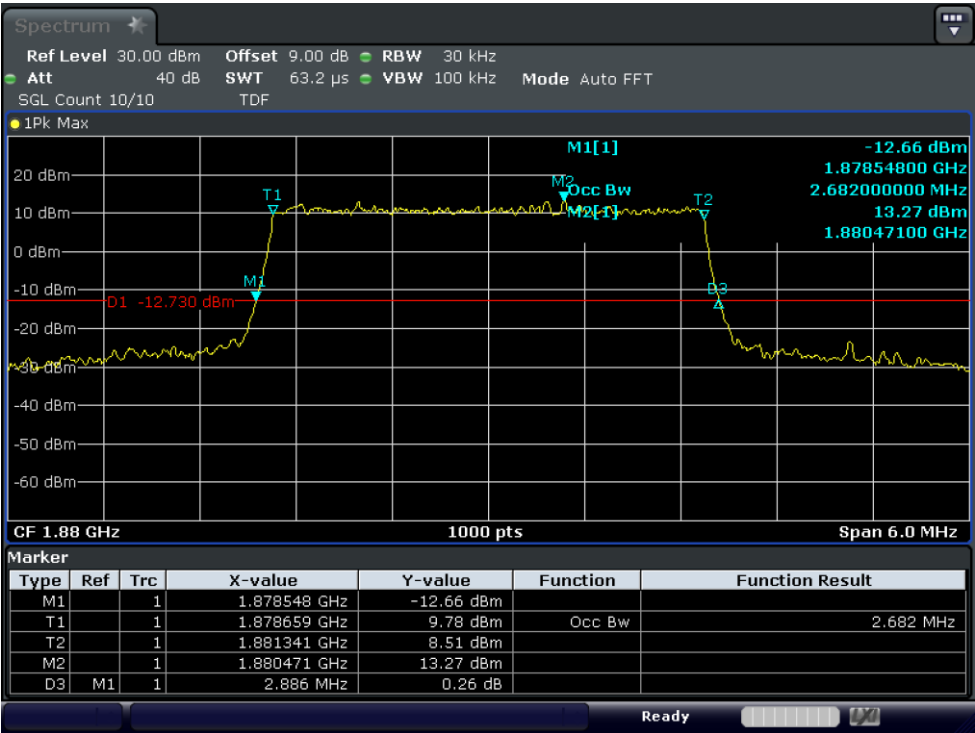
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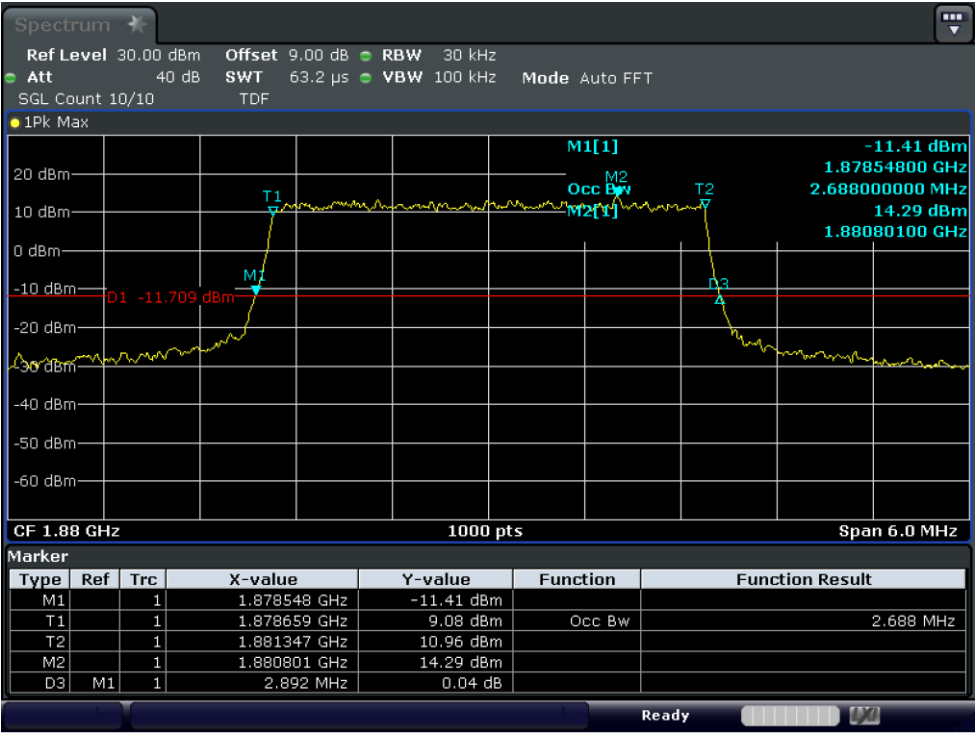
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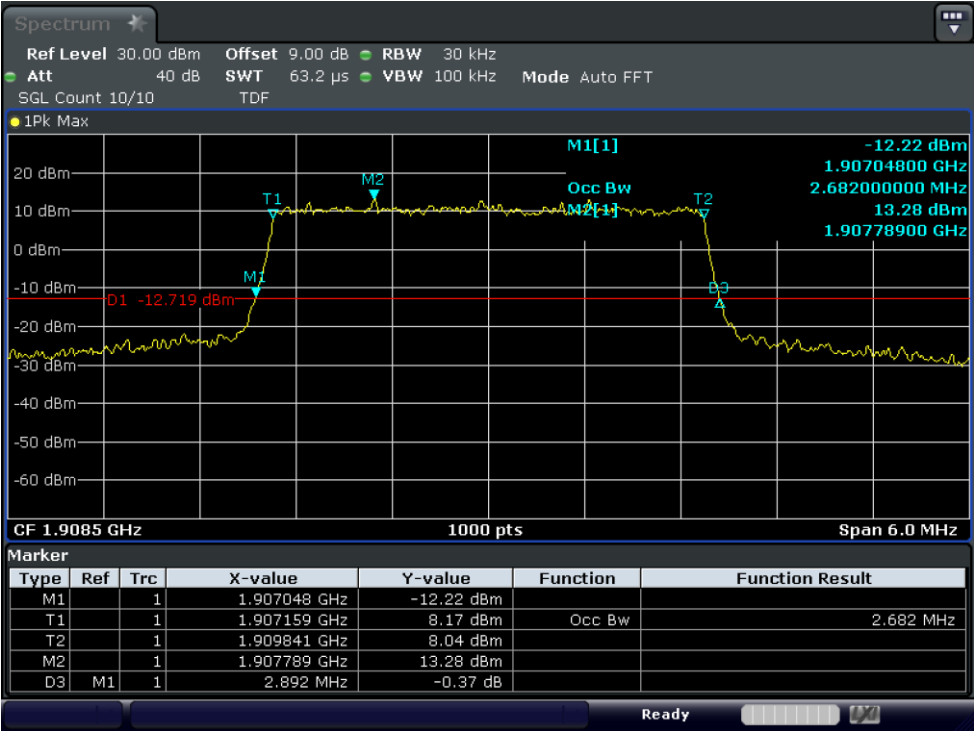
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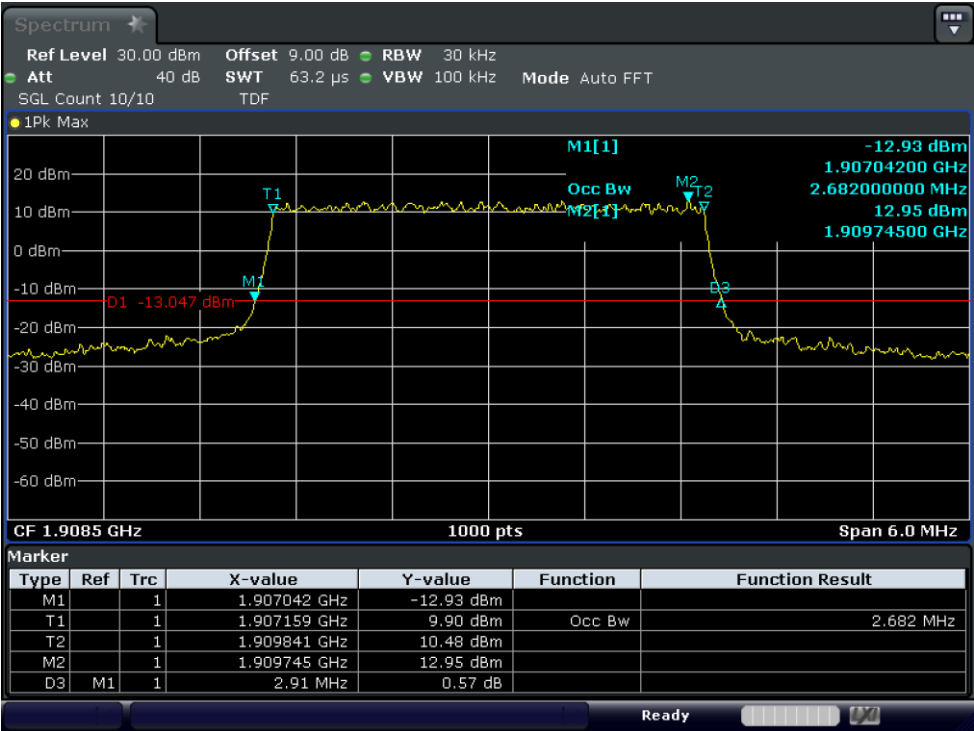
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Test_Graph_band2_1880MHz_3M_QPSK_15RB#LOW_OBW&EBW

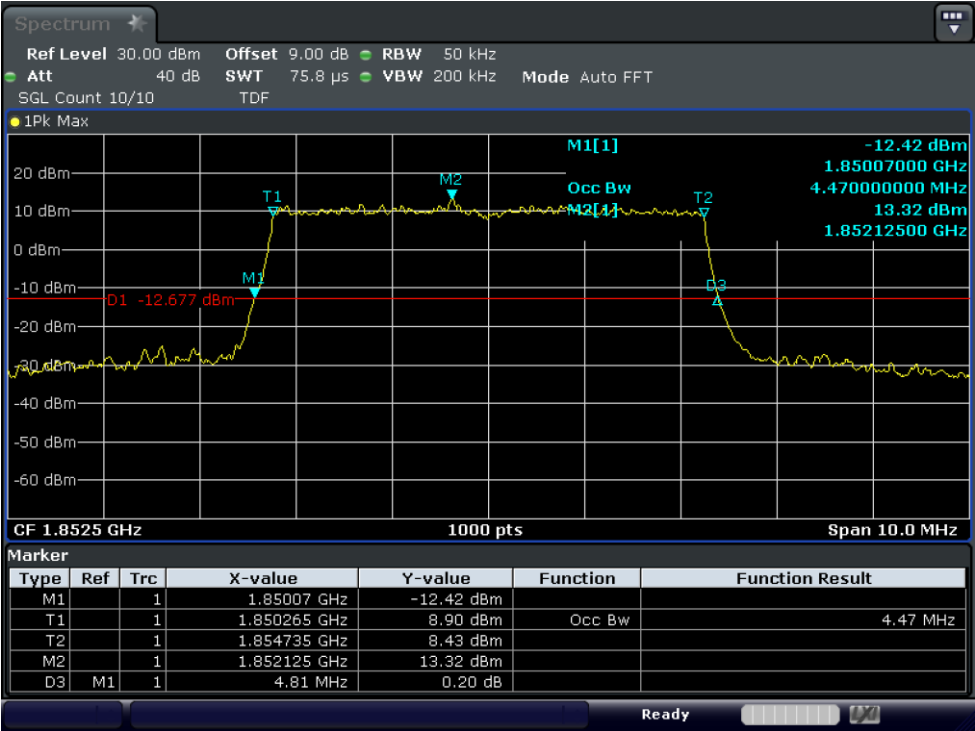


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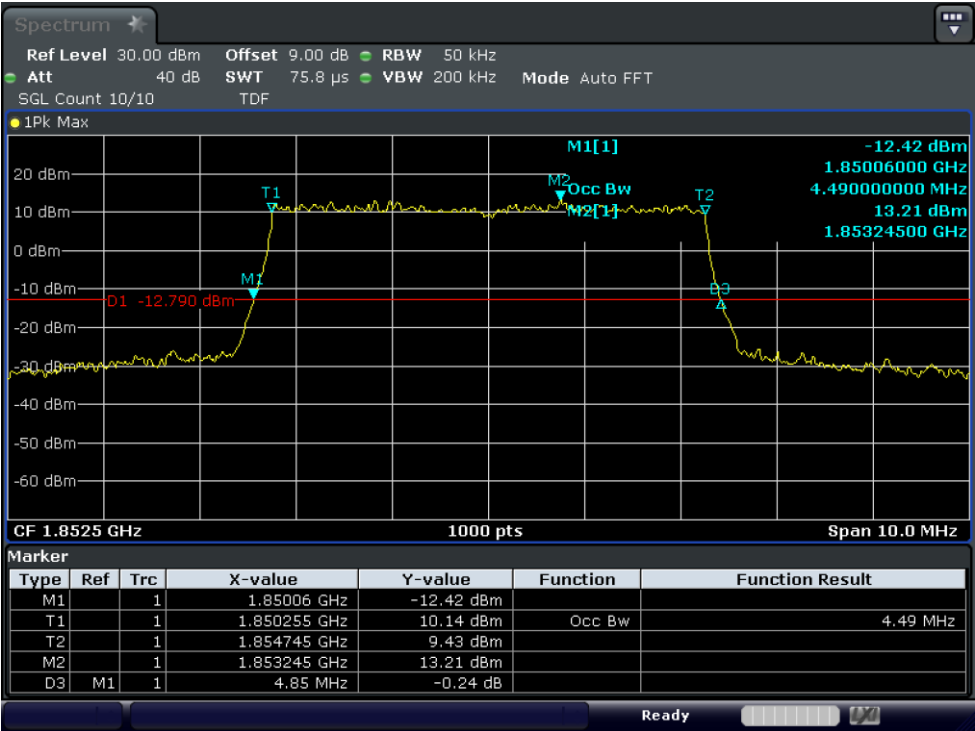


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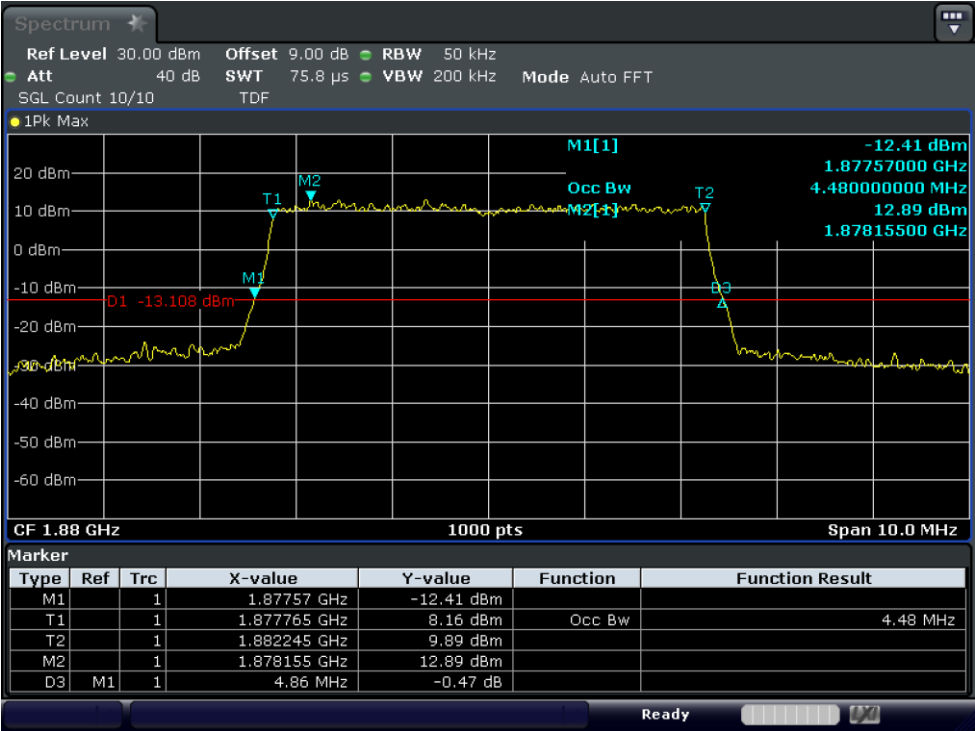




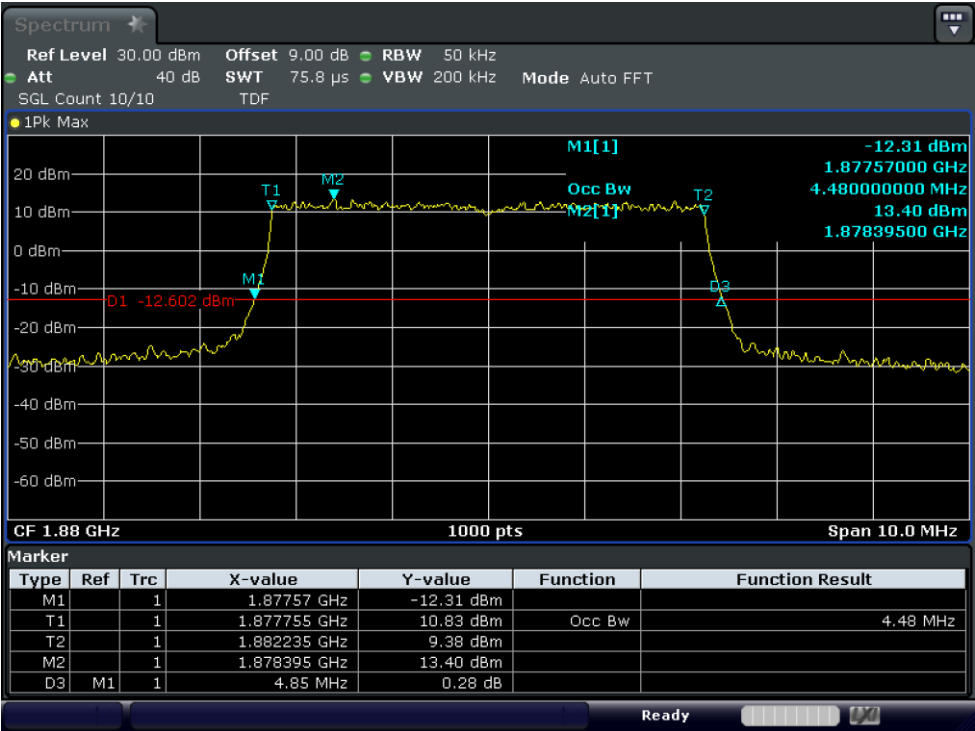
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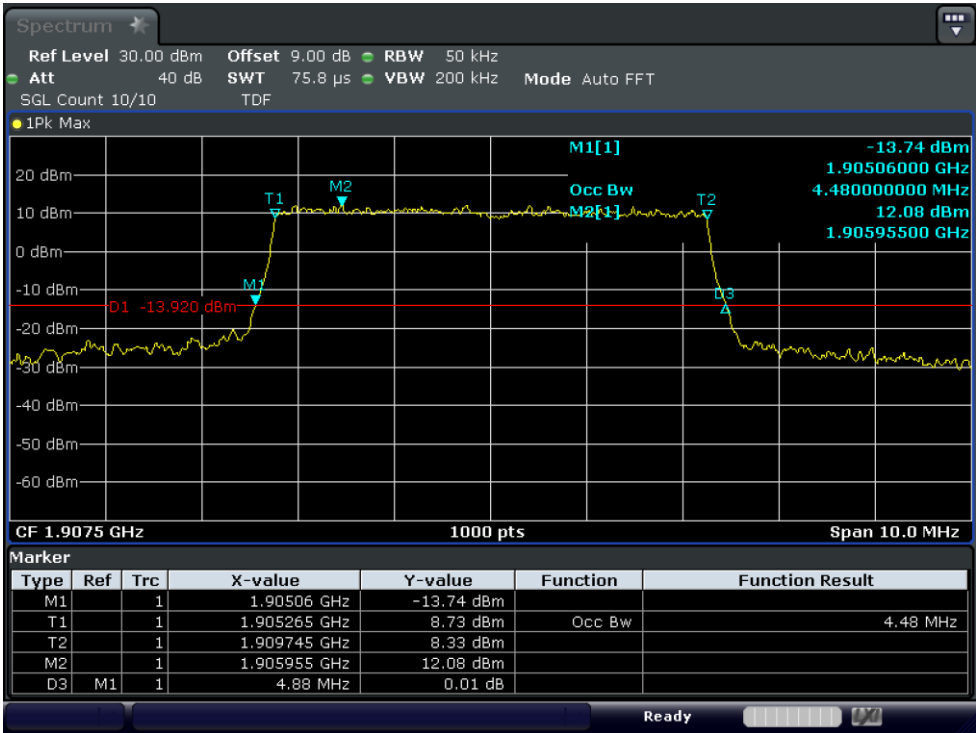
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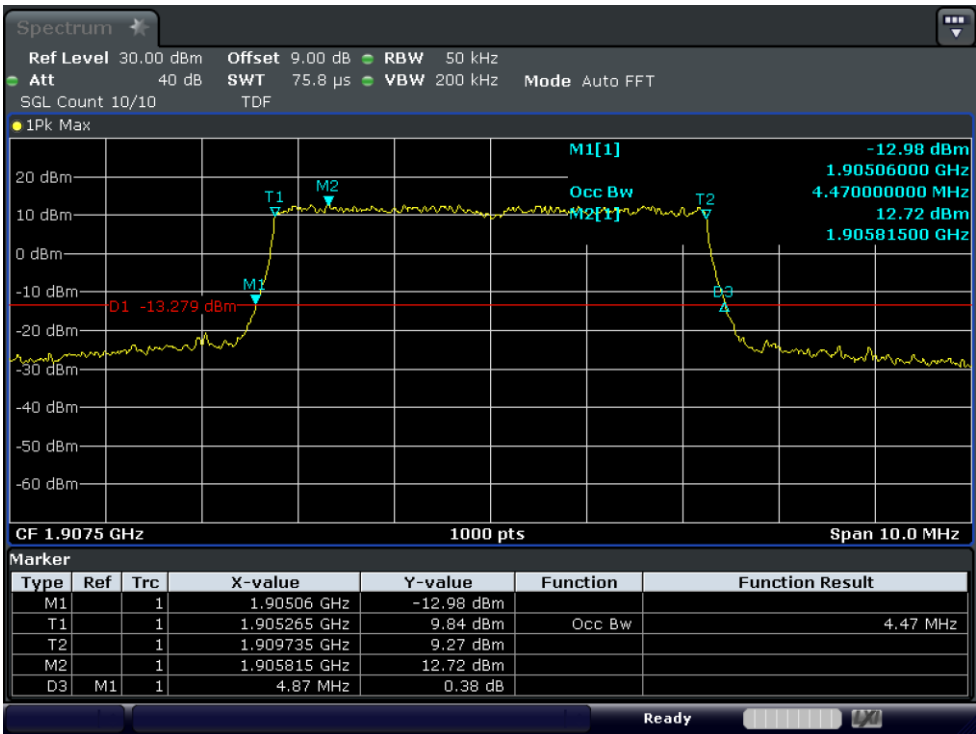
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Test_Graph_band2_1880MHz_5M_QPSK_25RB#LOW_OBW&EBW

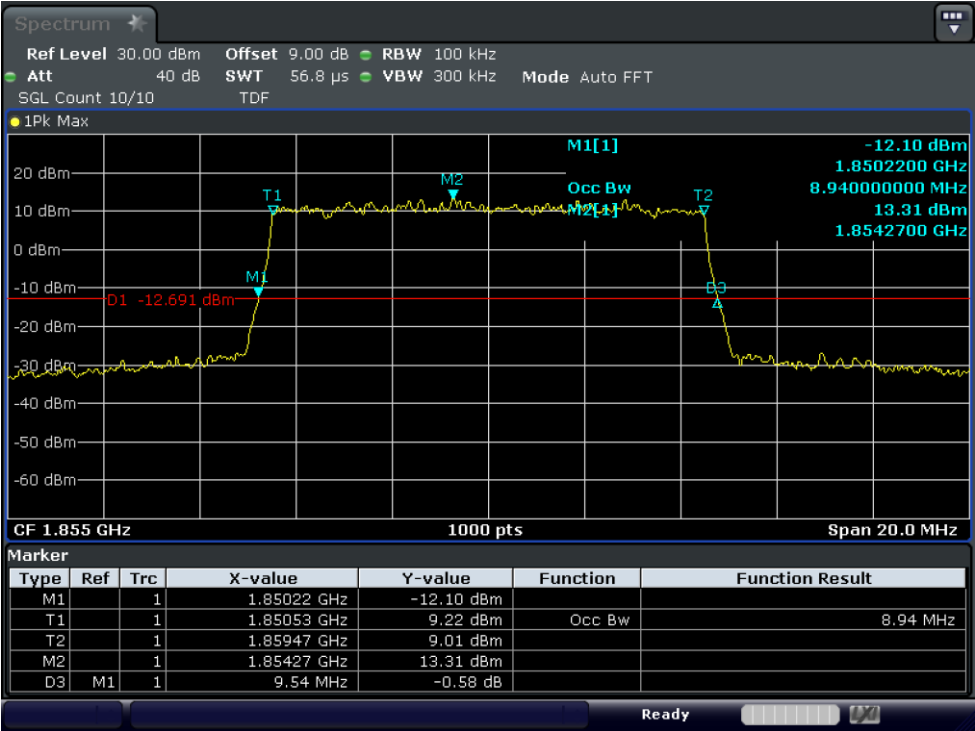


Test_Graph_band2_1907.5MHz_5M_16QAM_25RB#LOW_OBW&EBW

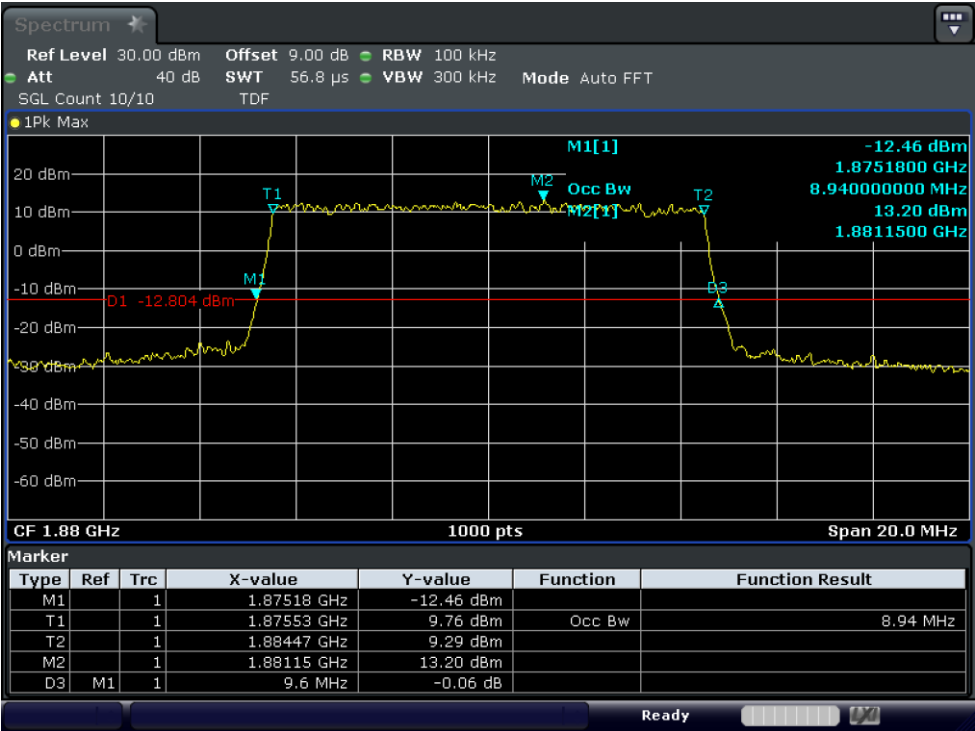


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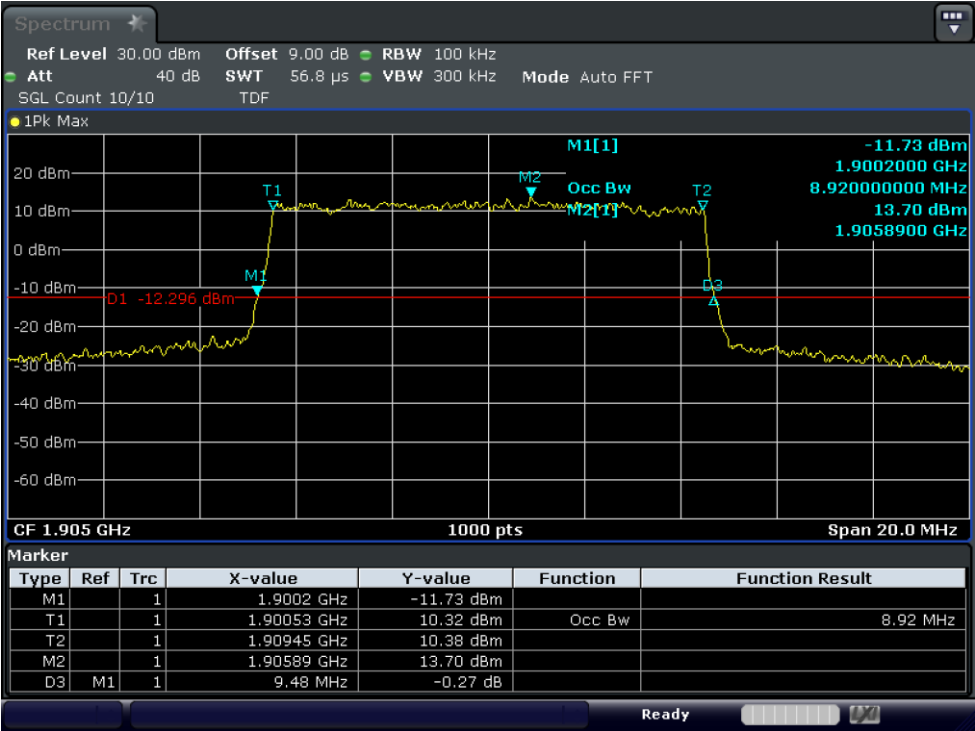




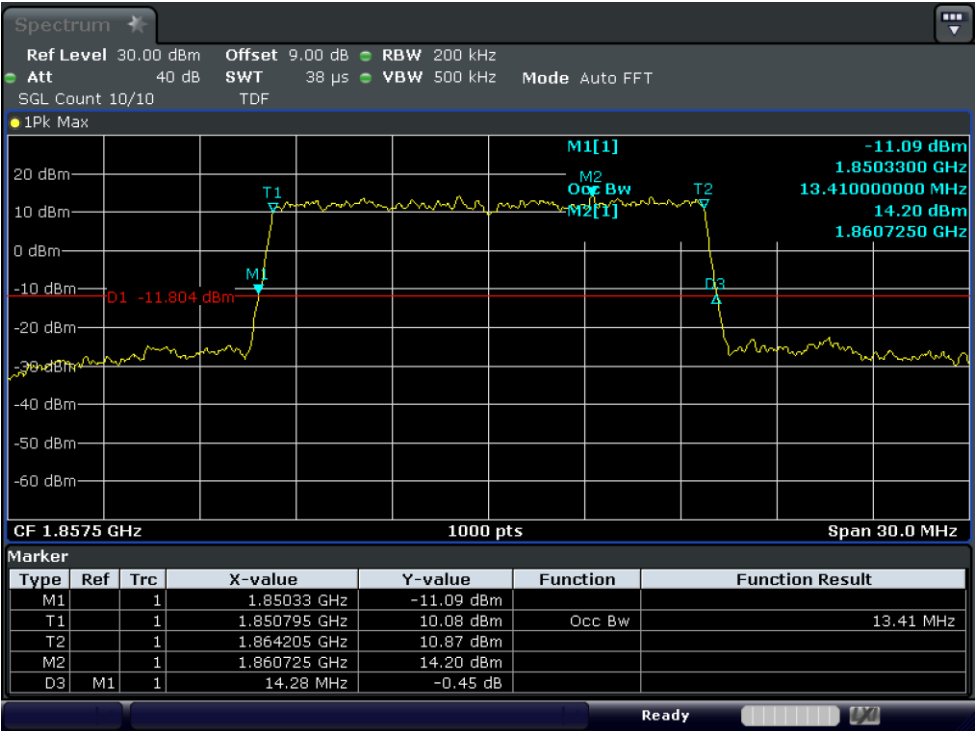
Test_Graph_band2_1855MHz_10M_QPSK_50RB#LOW_OBW&EBW



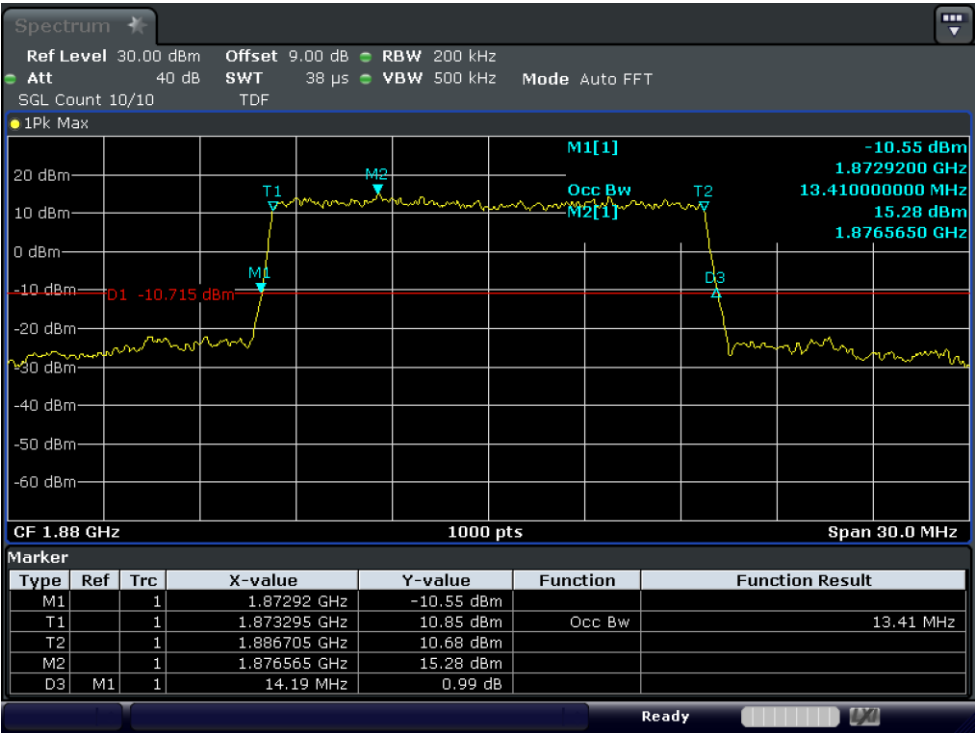
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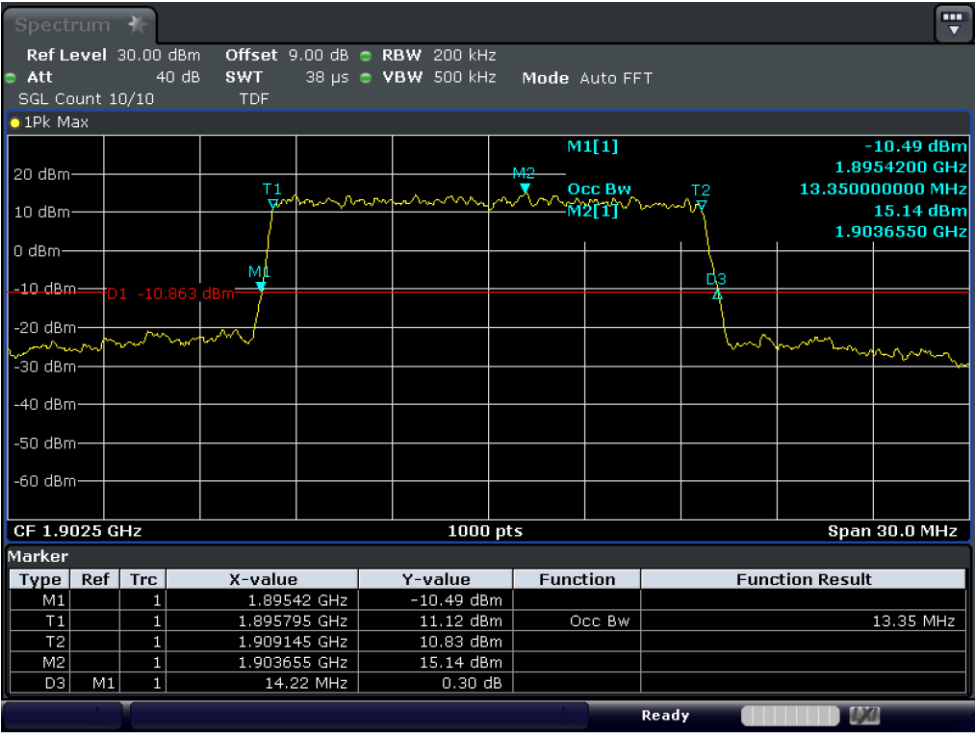
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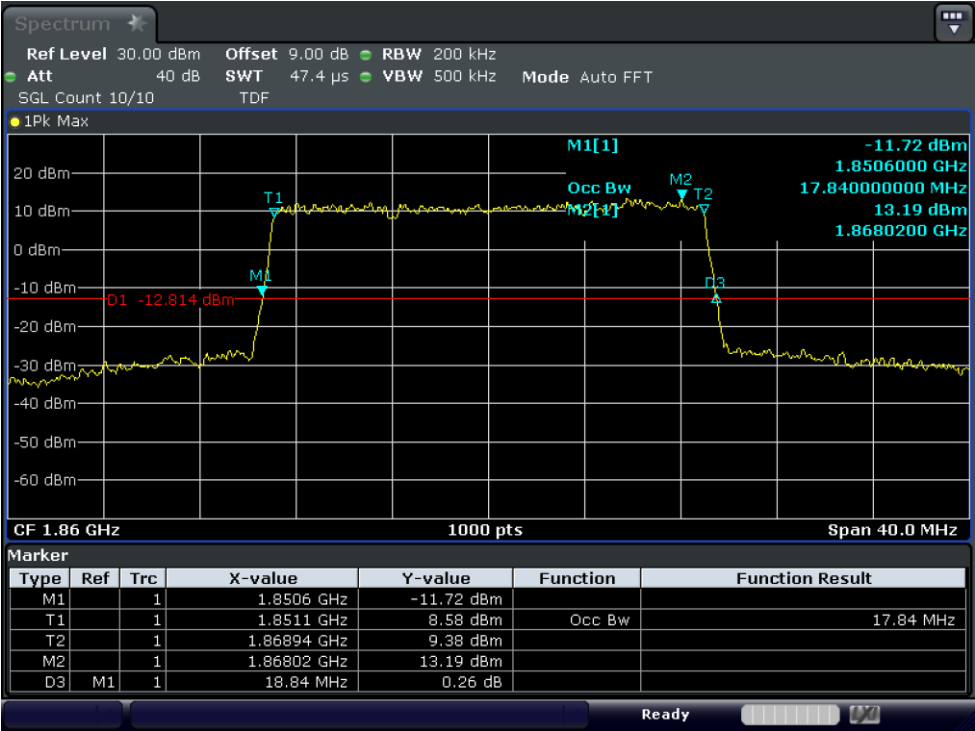
Test_Graph_band2_1857.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



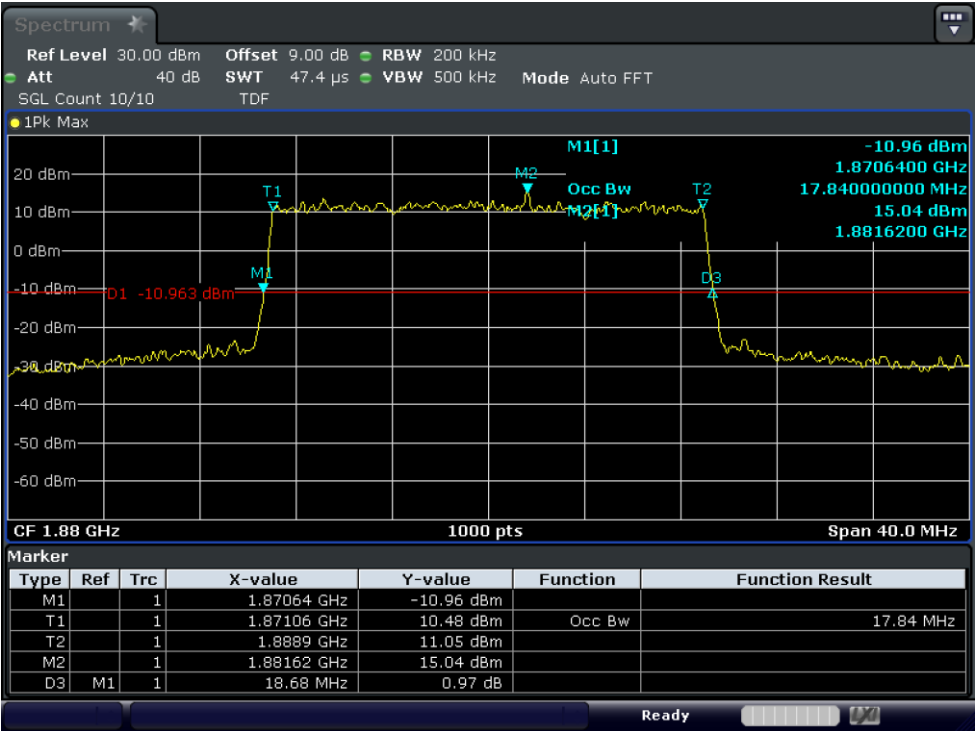
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Test_Graph_band2_1902.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



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



Test Graph_band2_1855MHz_10M_16QAM_27RB#LOW_OBW&EBW





Test Graph_band2_1857.5MHz_15M_16QAM_27RB#LOW_OBW&EBW



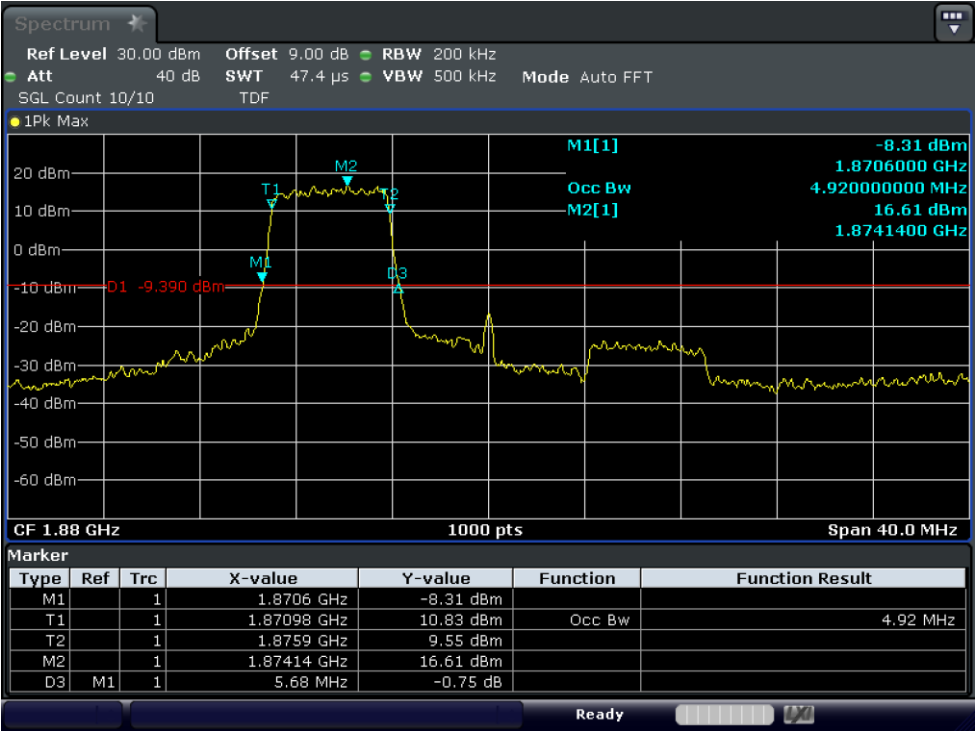
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Test Graph_band2_1880MHz_15M_16QAM_27RB#LOW_OBW&EBW



Test Graph_band2_1880MHz_20M_16QAM_27RB#LOW_OBW&EBW



Test Graph_band2_1900MHz_20M_16QAM_27RB#LOW_OBW&EBW



Test Graph_band2_1902.5MHz_15M_16QAM_27RB#LOW_OBW&EBW



Test Graph_band2_1905MHz_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
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

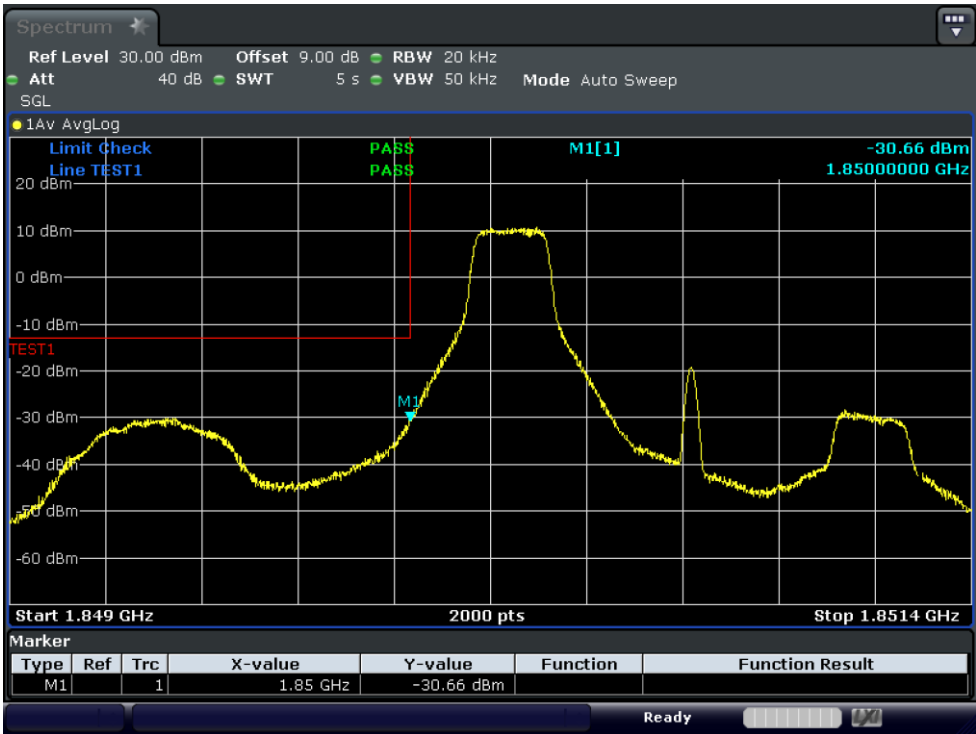




Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
2	20	1860	QPSK	1	LOW	Pass
2	20	1860	QPSK	100	LOW	Pass
2	20	1860	16QAM	1	LOW	Pass
2	20	1900	QPSK	1	HIGH	Pass
2	20	1900	QPSK	100	LOW	Pass
2	20	1900	16QAM	1	HIGH	Pass



Test Graphs



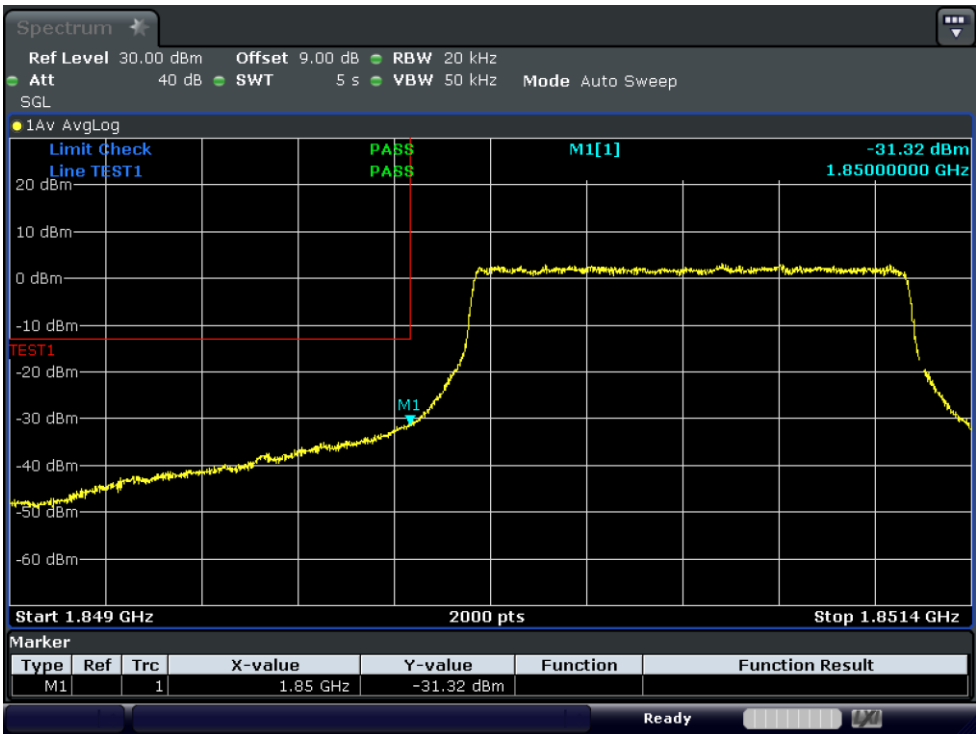
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Test_Graph_band2_1850.7MHz_1.4M_16QAM_6RB#LOW_Band edge

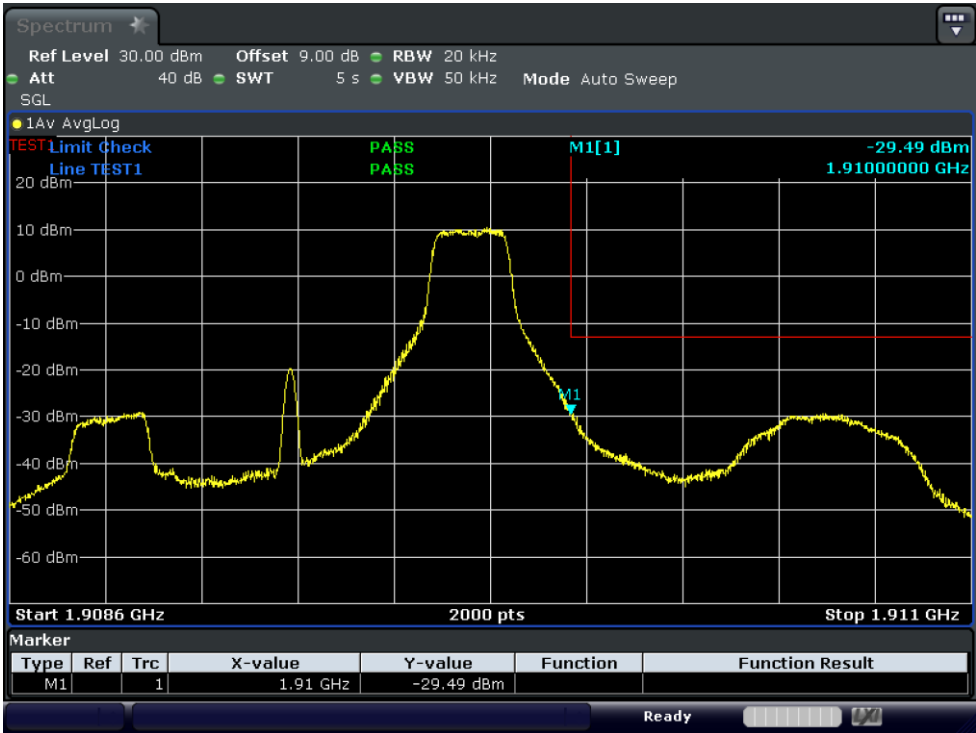


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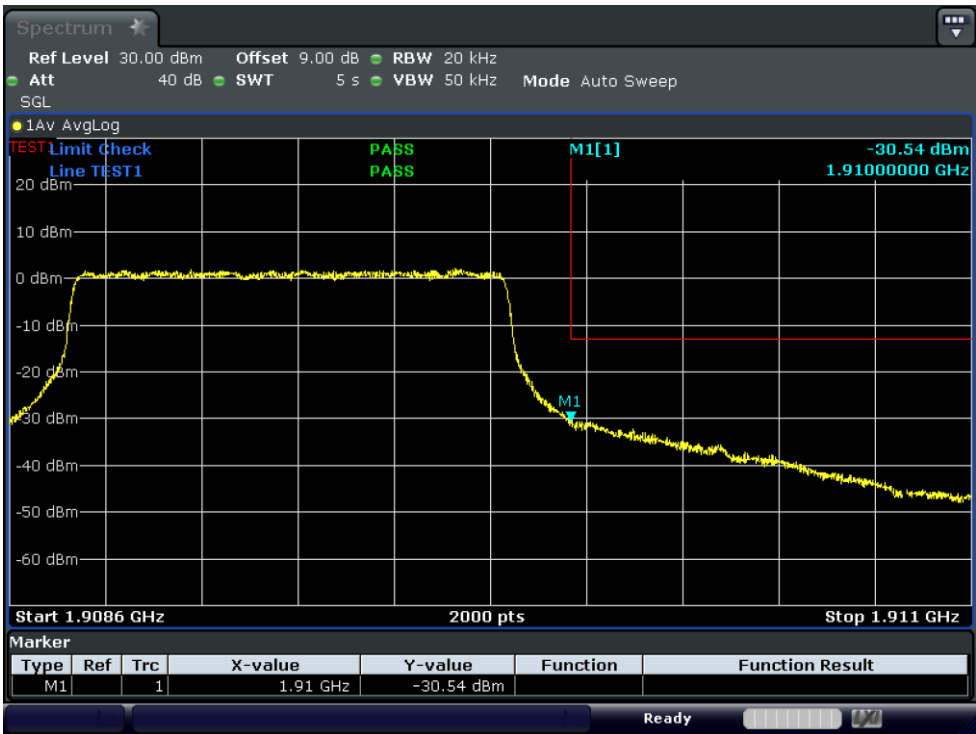


Test_Graph_band2_1850.7MHz_1.4M_QPSK_6RB#LOW_Band edge

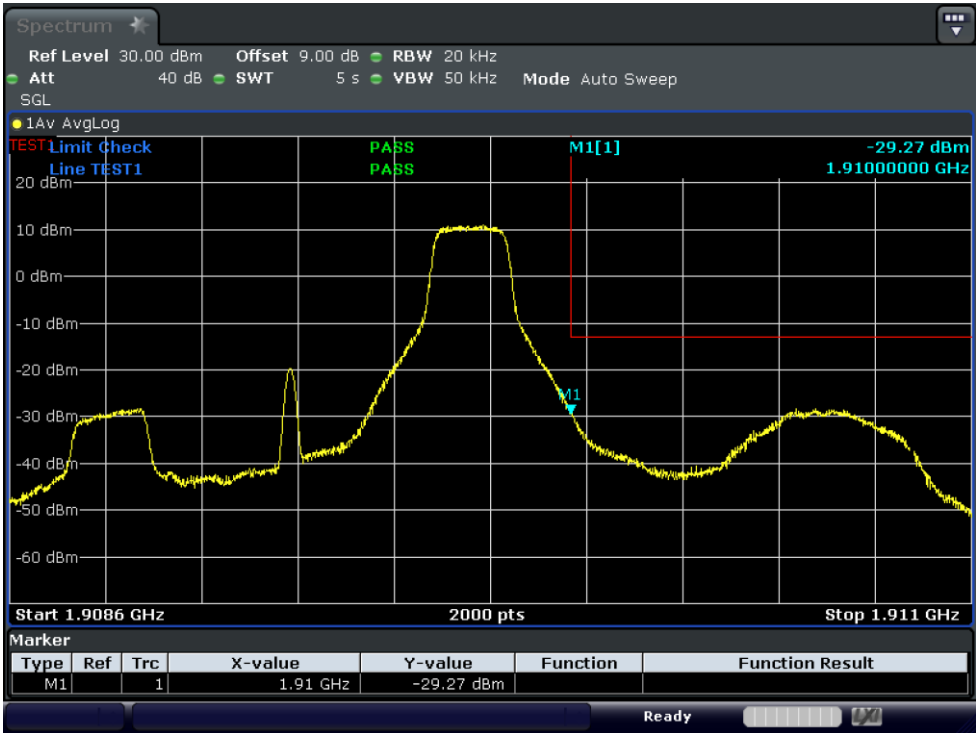




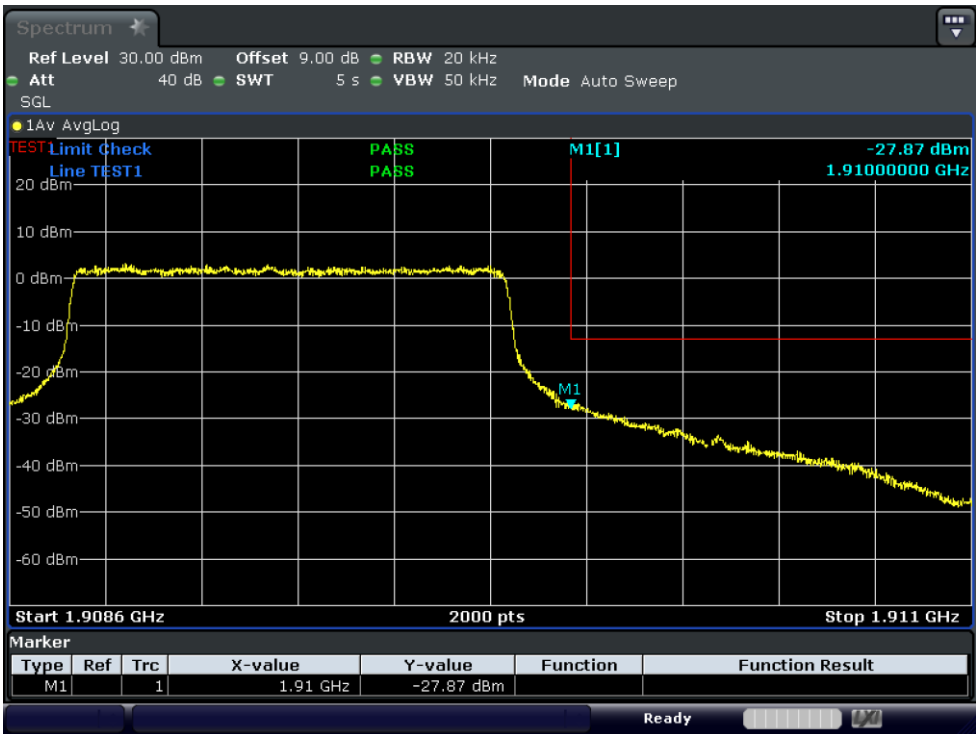
Test_Graph_band2_1909.3MHz_1.4M_16QAM_1RB#HIGH_Band edge



Test_Graph_band2_1909.3MHz_1.4M_16QAM_6RB#LOW_Band edge

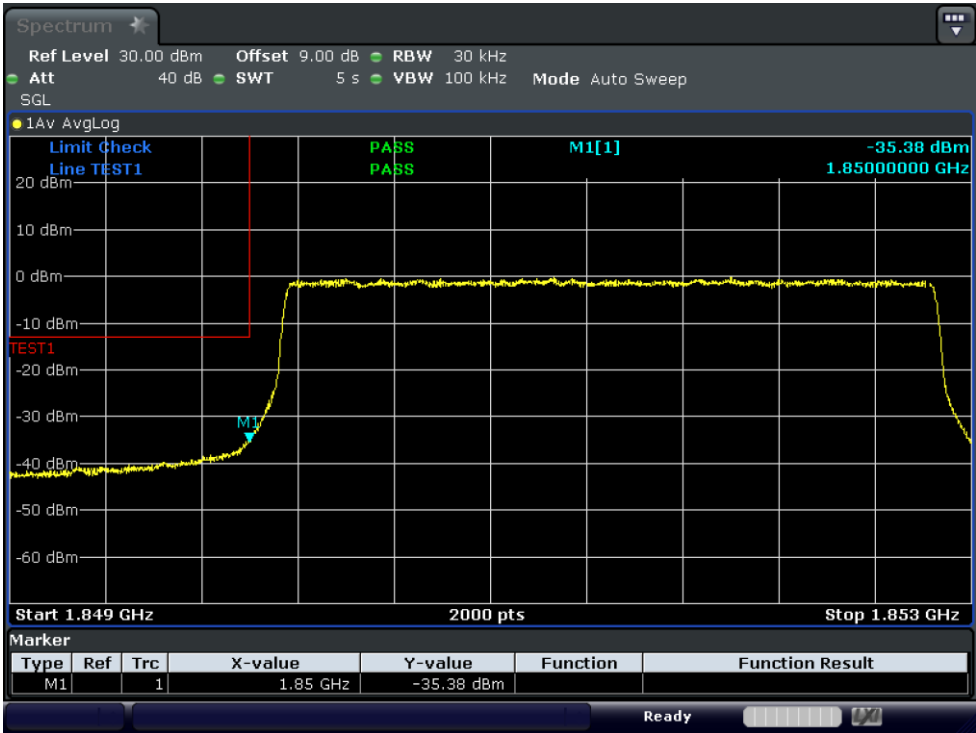


Test_Graph_band2_1909.3MHz_1.4M_QPSK_1RB#HIGH_Band edge

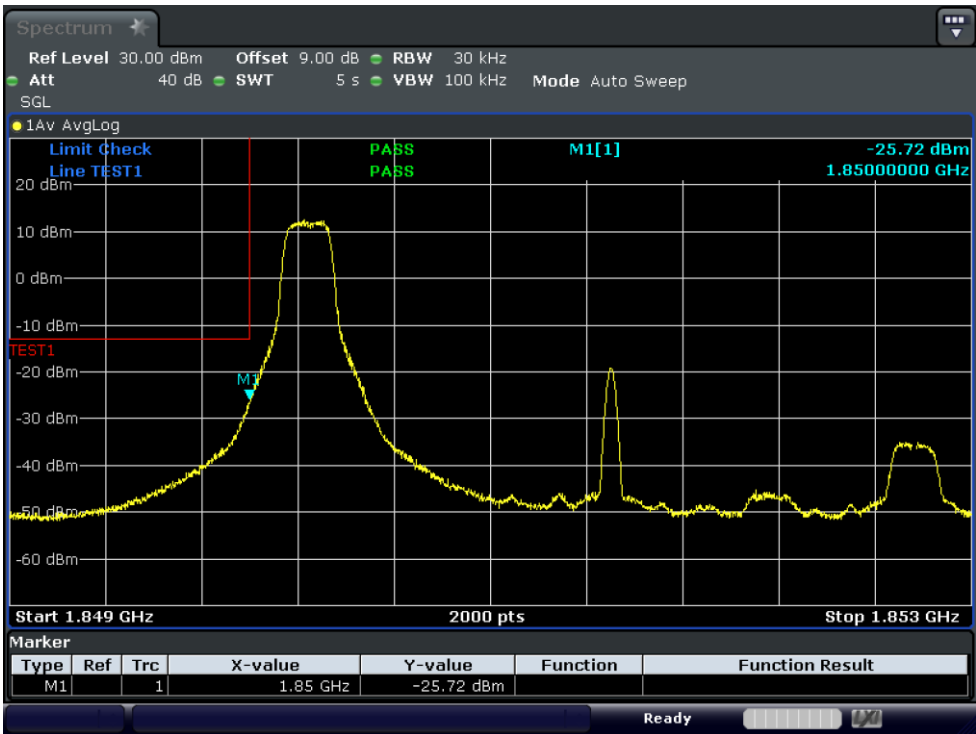


Test_Graph_band2_1909.3MHz_1.4M_QPSK_6RB#LOW_Band edge

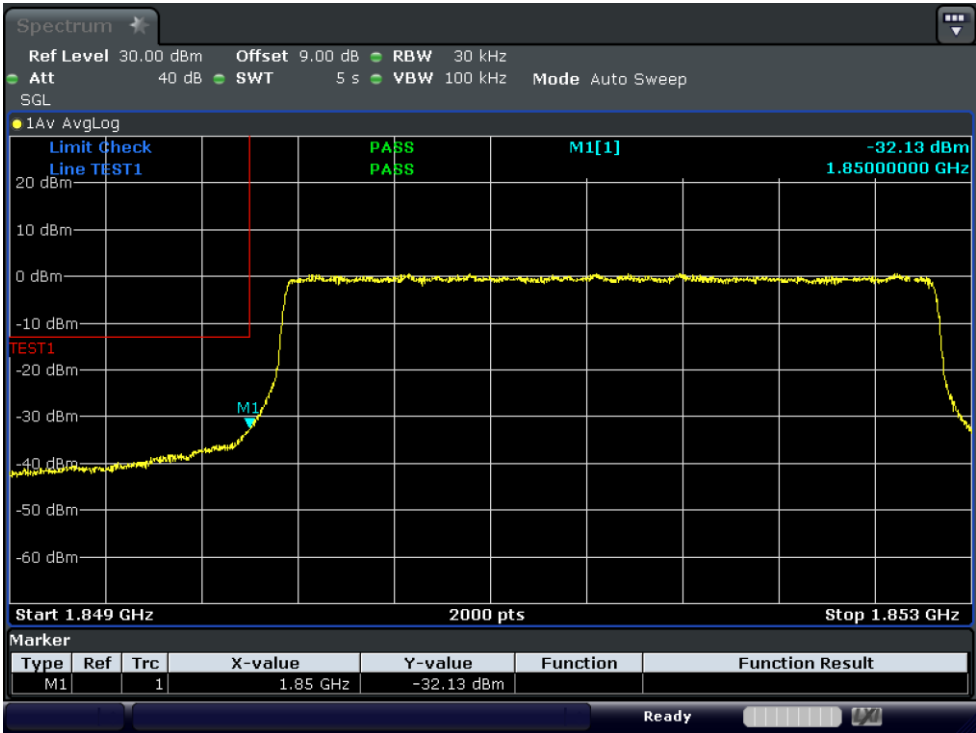




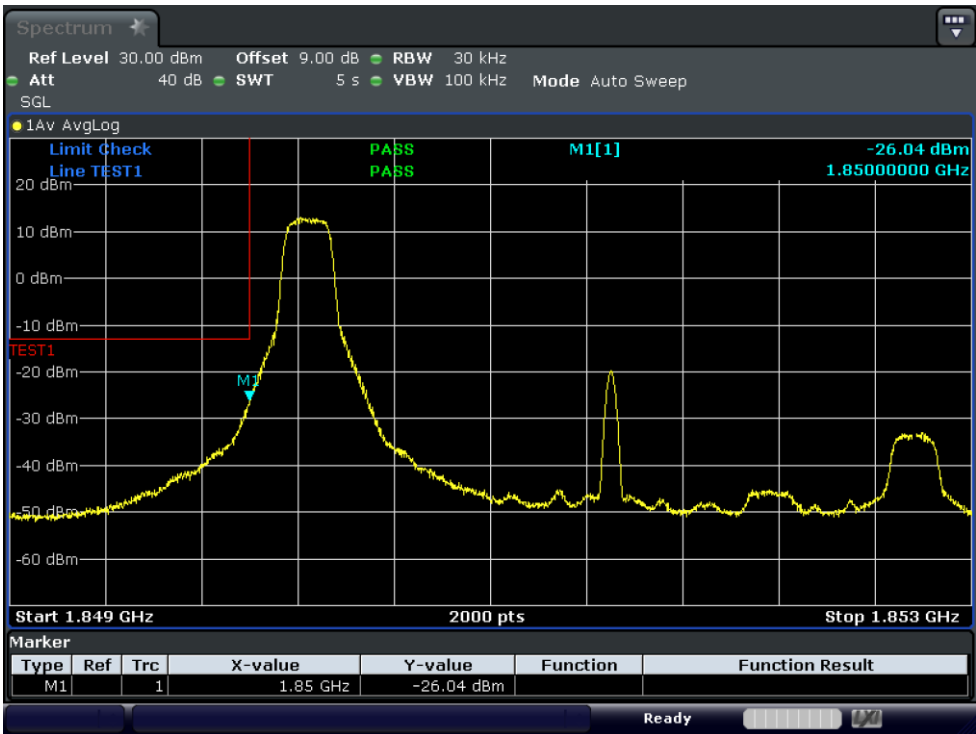
Test_Graph_band2_1851.5MHz_3M_16QAM_15RB#LOW_Band edge



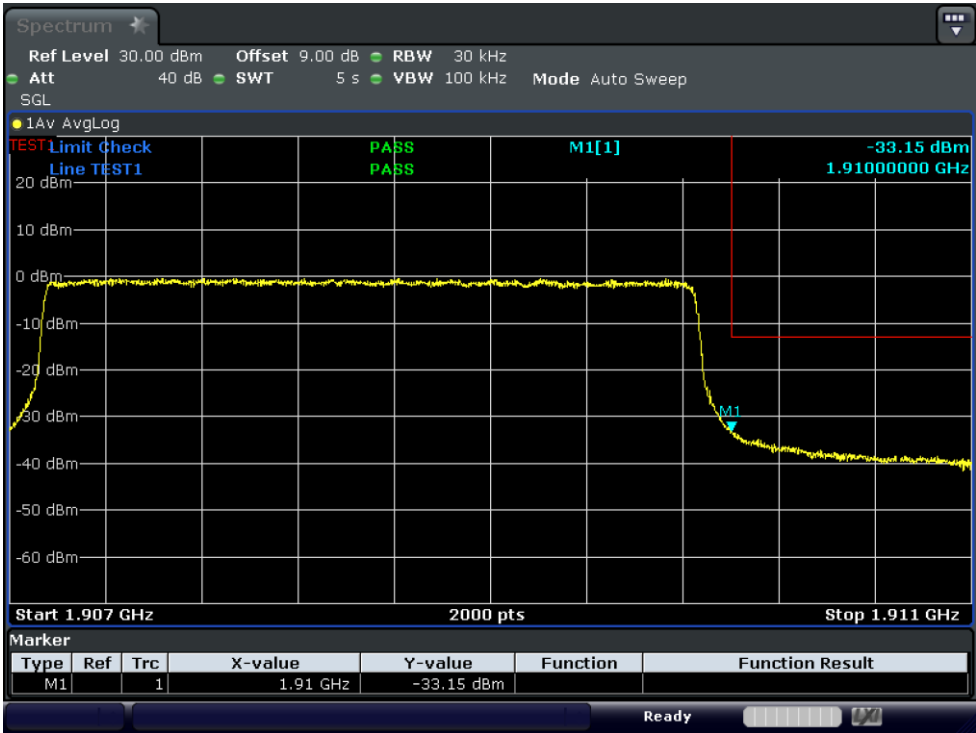
Test_Graph_band2_1851.5MHz_3M_16QAM_1RB#LOW_Band edge



Test_Graph_band2_1851.5MHz_3M_QPSK_15RB#LOW_Band edge



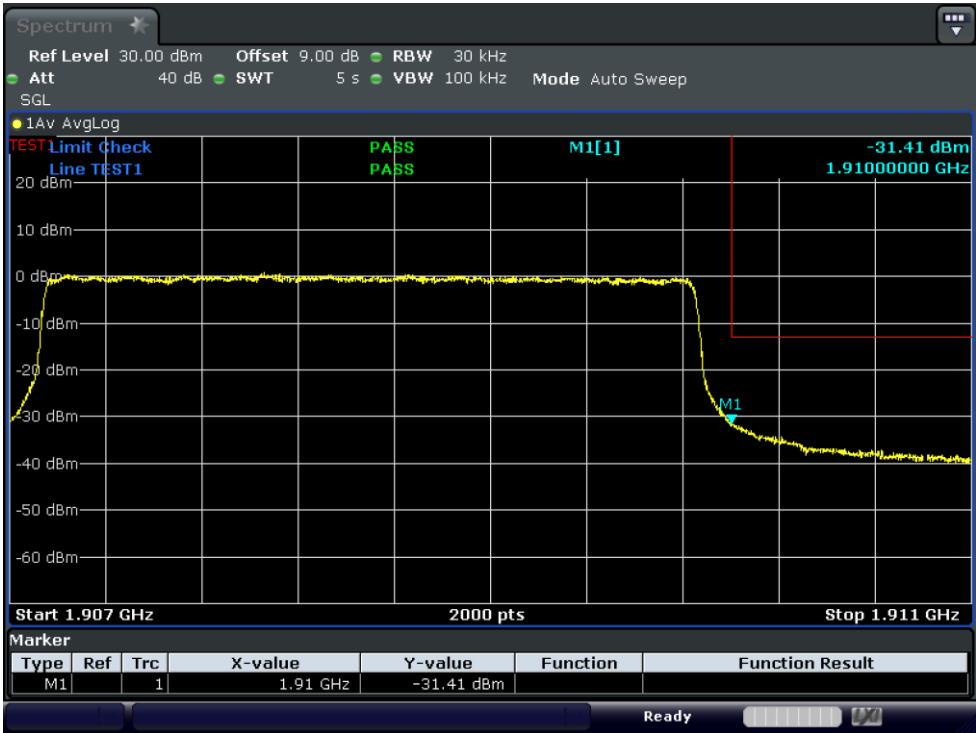
Test_Graph_band2_1851.5MHz_3M_QPSK_1RB#LOW_Band edge



Test_Graph_band2_1908.5MHz_3M_16QAM_15RB#LOW_Band edge



Test_Graph_band2_1908.5MHz_3M_16QAM_1RB#HIGH_Band edge



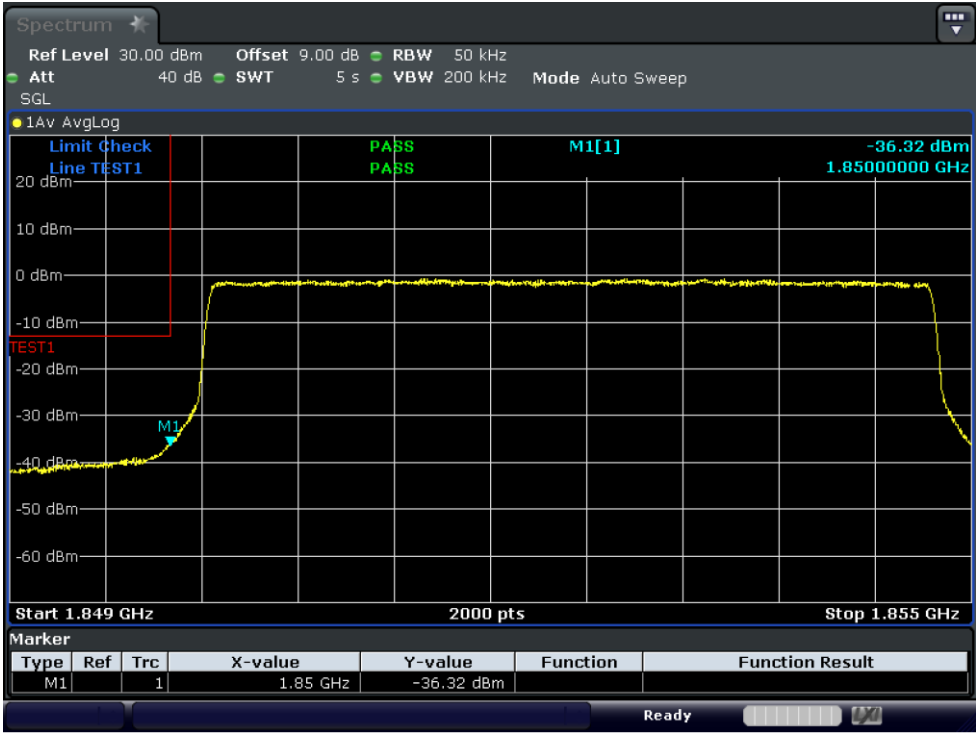
Test_Graph_band2_1908.5MHz_3M_QPSK_15RB#LOW_Band edge



Test_Graph_band2_1908.5MHz_3M_QPSK_1RB#HIGH_Band edge



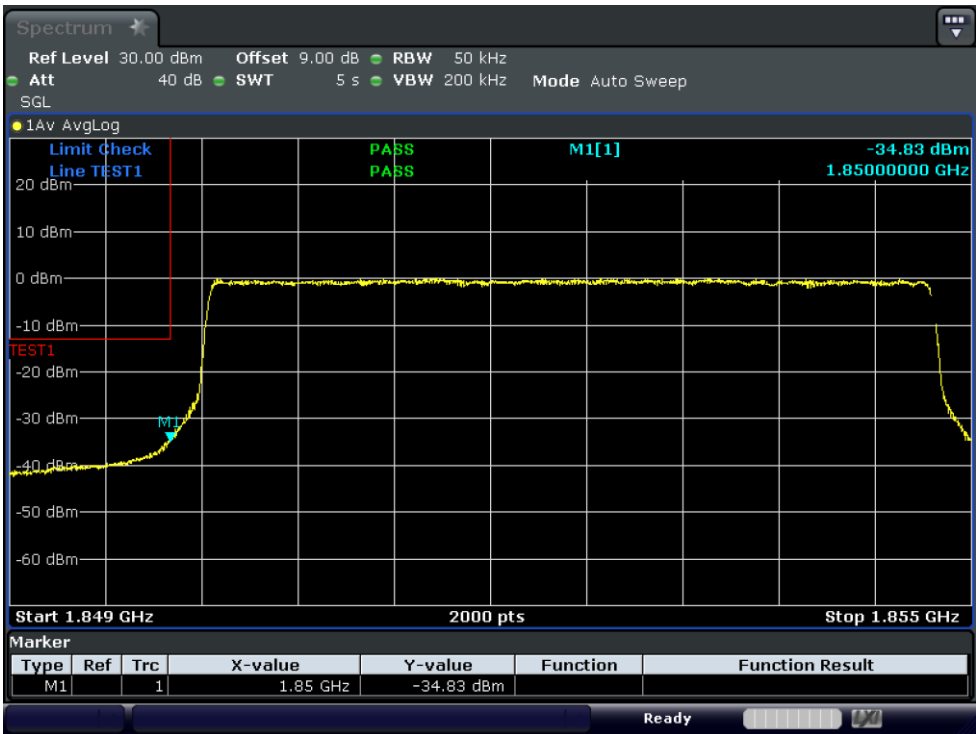
Test_Graph_band2_1852.5MHz_5M_16QAM_1RB#LOW_Band edge



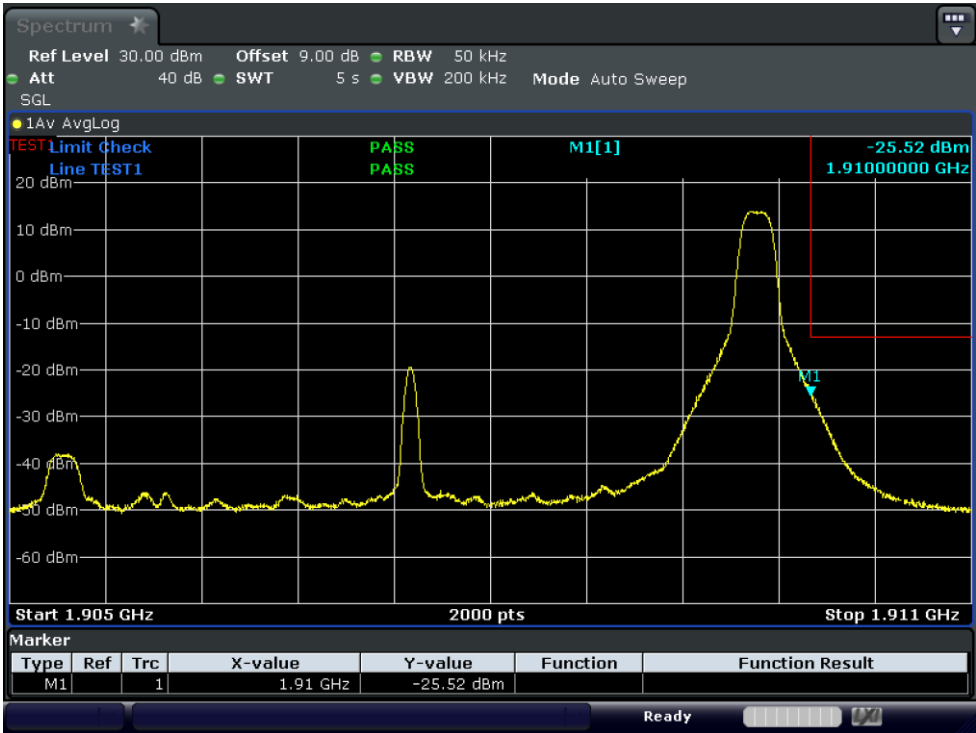
Test_Graph_band2_1852.5MHz_5M_16QAM_25RB#LOW_Band edge



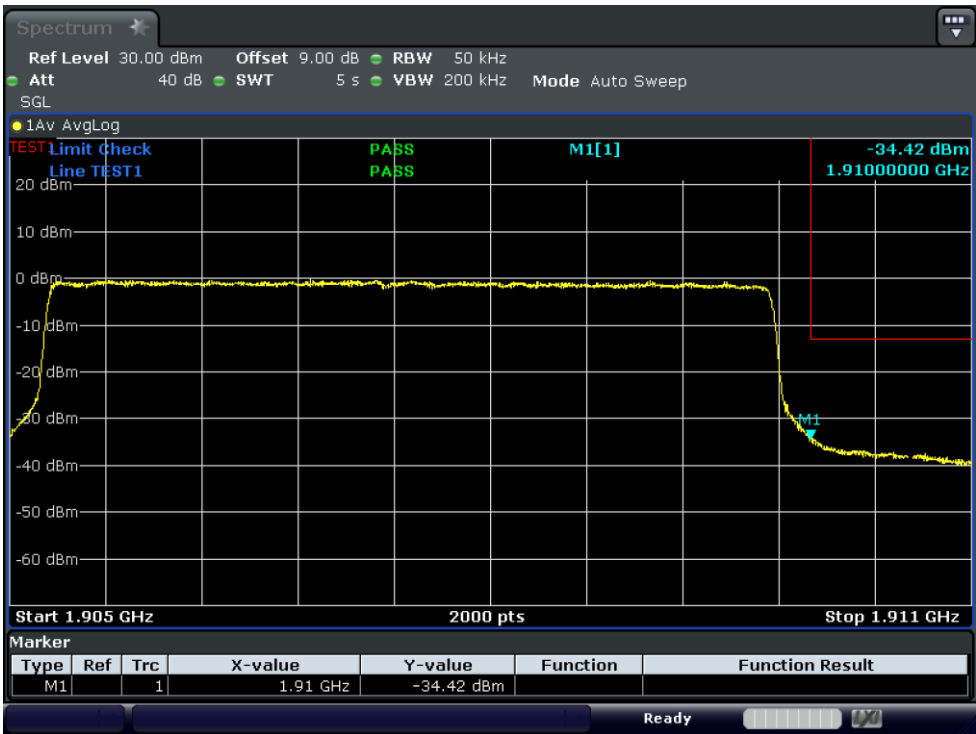
Test_Graph_band2_1852.5MHz_5M_QPSK_1RB#LOW_Band edge



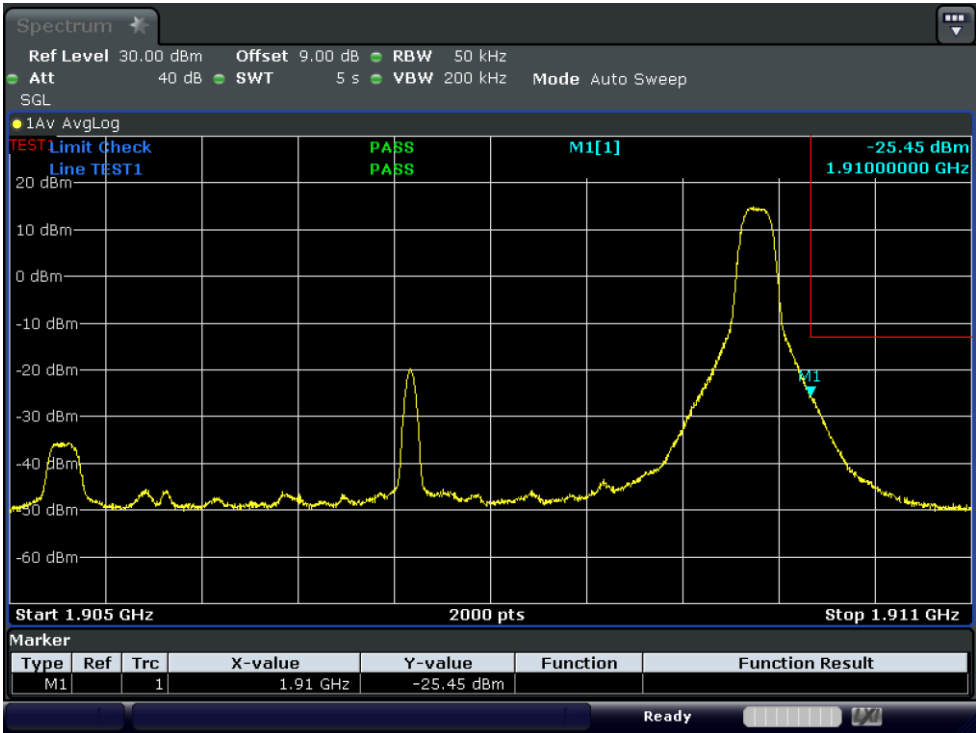
Test_Graph_band2_1852.5MHz_5M_QPSK_25RB#LOW_Band edge



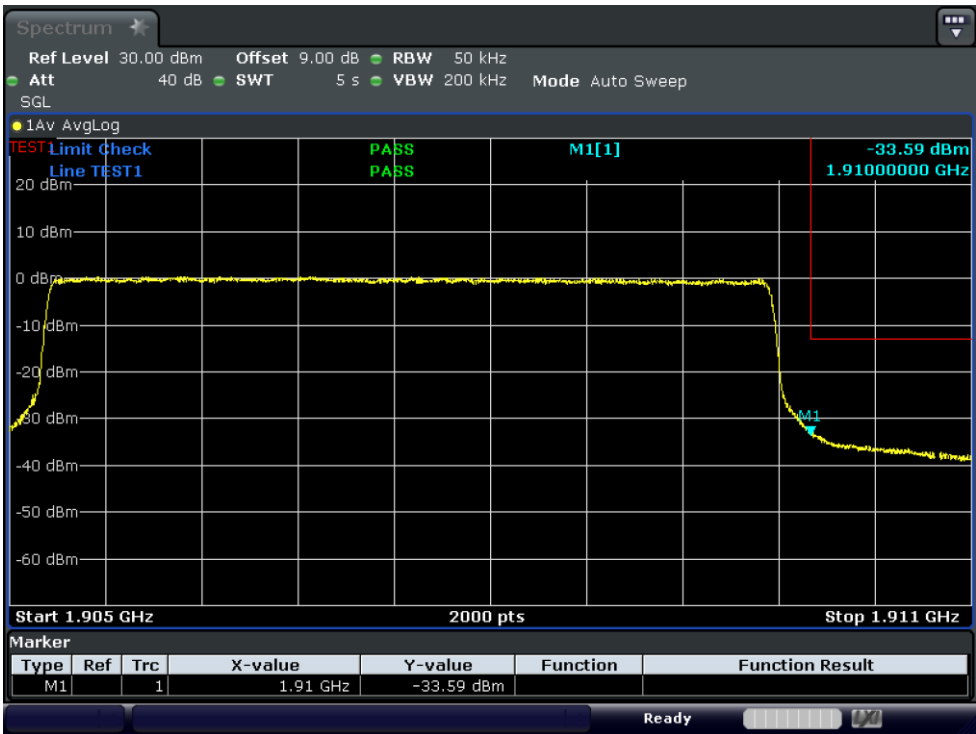
Test_Graph_band2_1907.5MHz_5M_16QAM_1RB#HIGH_Band edge



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

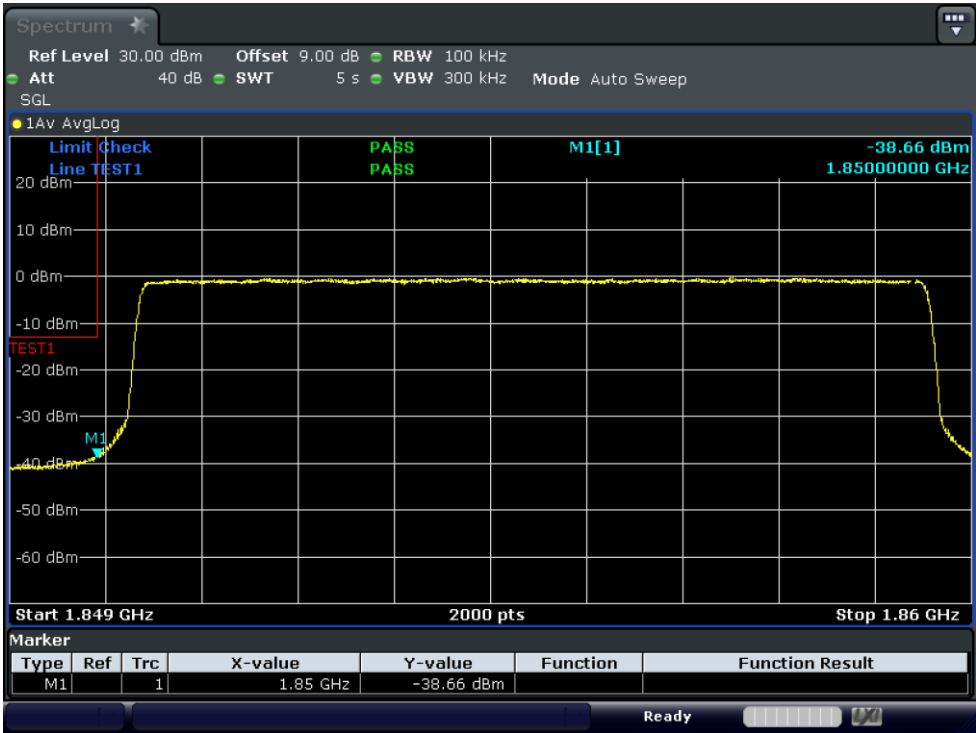


Test_Graph_band2_1855MHz_10M_16QAM_1RB#LOW_Band edge



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