

Appendix A-LTE

Test Information:

Sample No.:	33AI-4	Test Date:	2025/06/17~2025/06/26
Test Site:	RF	Test Mode:	Transmitting
Tester:	Benny Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25-26	Relative Humidity: (%)	52-53	ATM Pressure: (kPa)	99.7
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RF Output Power

FCC Part 24E

Note*: LTE Category is 1, 16QAM only support up to maximum 27RB.

Band 2, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	22.46	24.72	0.296	2	Pass
1.4MHz_Low_QPSK_1@3	22.53	24.79	0.301	2	Pass
1.4MHz_Low_QPSK_1@5	22.50	24.76	0.299	2	Pass
1.4MHz_Low_QPSK_3@0	22.66	24.92	0.310	2	Pass
1.4MHz_Low_QPSK_3@1	22.82	25.08	0.322	2	Pass
1.4MHz_Low_QPSK_3@3	22.73	24.99	0.316	2	Pass
1.4MHz_Low_QPSK_6@0	21.84	24.10	0.257	2	Pass
1.4MHz_Low_16QAM_1@0	21.86	24.12	0.258	2	Pass
1.4MHz_Low_16QAM_1@3	21.86	24.12	0.258	2	Pass
1.4MHz_Low_16QAM_1@5	21.91	24.17	0.261	2	Pass
1.4MHz_Low_16QAM_3@0	22.07	24.33	0.271	2	Pass
1.4MHz_Low_16QAM_3@1	22.09	24.35	0.272	2	Pass
1.4MHz_Low_16QAM_3@3	22.08	24.34	0.272	2	Pass
1.4MHz_Low_16QAM_6@0	21.03	23.29	0.213	2	Pass
1.4MHz_Middle_QPSK_1@0	23.18	25.44	0.350	2	Pass
1.4MHz_Middle_QPSK_1@3	23.21	25.47	0.352	2	Pass
1.4MHz_Middle_QPSK_1@5	23.14	25.40	0.347	2	Pass
1.4MHz_Middle_QPSK_3@0	23.05	25.31	0.340	2	Pass
1.4MHz_Middle_QPSK_3@1	23.04	25.30	0.339	2	Pass
1.4MHz_Middle_QPSK_3@3	22.98	25.24	0.334	2	Pass
1.4MHz_Middle_QPSK_6@0	22.01	24.27	0.267	2	Pass
1.4MHz_Middle_16QAM_1@0	22.10	24.36	0.273	2	Pass
1.4MHz_Middle_16QAM_1@3	22.13	24.39	0.275	2	Pass
1.4MHz_Middle_16QAM_1@5	22.15	24.41	0.276	2	Pass
1.4MHz_Middle_16QAM_3@0	22.26	24.52	0.283	2	Pass
1.4MHz_Middle_16QAM_3@1	22.25	24.51	0.282	2	Pass
1.4MHz_Middle_16QAM_3@3	22.25	24.51	0.282	2	Pass
1.4MHz_Middle_16QAM_6@0	21.39	23.65	0.232	2	Pass
1.4MHz_High_QPSK_1@0	22.70	24.96	0.313	2	Pass
1.4MHz_High_QPSK_1@3	22.61	24.87	0.307	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	22.60	24.86	0.306	2	Pass
1.4MHz_High_QPSK_3@0	22.50	24.76	0.299	2	Pass
1.4MHz_High_QPSK_3@1	22.53	24.79	0.301	2	Pass
1.4MHz_High_QPSK_3@3	22.53	24.79	0.301	2	Pass
1.4MHz_High_QPSK_6@0	21.47	23.73	0.236	2	Pass
1.4MHz_High_16QAM_1@0	21.61	23.87	0.244	2	Pass
1.4MHz_High_16QAM_1@3	21.69	23.95	0.248	2	Pass
1.4MHz_High_16QAM_1@5	21.70	23.96	0.249	2	Pass
1.4MHz_High_16QAM_3@0	21.83	24.09	0.256	2	Pass
1.4MHz_High_16QAM_3@1	21.85	24.11	0.258	2	Pass
1.4MHz_High_16QAM_3@3	21.84	24.10	0.257	2	Pass
1.4MHz_High_16QAM_6@0	20.90	23.16	0.207	2	Pass
3MHz_Low_QPSK_1@0	22.78	25.04	0.319	2	Pass
3MHz_Low_QPSK_1@8	22.85	25.11	0.324	2	Pass
3MHz_Low_QPSK_1@14	22.64	24.90	0.309	2	Pass
3MHz_Low_QPSK_8@0	21.82	24.08	0.256	2	Pass
3MHz_Low_QPSK_8@4	21.84	24.10	0.257	2	Pass
3MHz_Low_QPSK_8@7	21.77	24.03	0.253	2	Pass
3MHz_Low_QPSK_15@0	21.67	23.93	0.247	2	Pass
3MHz_Low_16QAM_1@0	21.61	23.87	0.244	2	Pass
3MHz_Low_16QAM_1@8	21.83	24.09	0.256	2	Pass
3MHz_Low_16QAM_1@14	21.66	23.92	0.247	2	Pass
3MHz_Low_16QAM_8@0	20.98	23.24	0.211	2	Pass
3MHz_Low_16QAM_8@4	21.05	23.31	0.214	2	Pass
3MHz_Low_16QAM_8@7	21	23.26	0.212	2	Pass
3MHz_Low_16QAM_15@0	20.95	23.21	0.209	2	Pass
3MHz_Middle_QPSK_1@0	22.98	25.24	0.334	2	Pass
3MHz_Middle_QPSK_1@8	22.96	25.22	0.333	2	Pass
3MHz_Middle_QPSK_1@14	22.77	25.03	0.318	2	Pass
3MHz_Middle_QPSK_8@0	22.01	24.27	0.267	2	Pass
3MHz_Middle_QPSK_8@4	22.02	24.28	0.268	2	Pass
3MHz_Middle_QPSK_8@7	21.95	24.21	0.264	2	Pass
3MHz_Middle_QPSK_15@0	21.95	24.21	0.264	2	Pass
3MHz_Middle_16QAM_1@0	21.94	24.20	0.263	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	22.04	24.30	0.269	2	Pass
3MHz_Middle_16QAM_1@14	21.86	24.12	0.258	2	Pass
3MHz_Middle_16QAM_8@0	21.17	23.43	0.220	2	Pass
3MHz_Middle_16QAM_8@4	21.20	23.46	0.222	2	Pass
3MHz_Middle_16QAM_8@7	21.14	23.40	0.219	2	Pass
3MHz_Middle_16QAM_15@0	21.11	23.37	0.217	2	Pass
3MHz_High_QPSK_1@0	22.46	24.72	0.296	2	Pass
3MHz_High_QPSK_1@8	22.40	24.66	0.292	2	Pass
3MHz_High_QPSK_1@14	22.34	24.60	0.288	2	Pass
3MHz_High_QPSK_8@0	21.50	23.76	0.238	2	Pass
3MHz_High_QPSK_8@4	21.52	23.78	0.239	2	Pass
3MHz_High_QPSK_8@7	21.61	23.87	0.244	2	Pass
3MHz_High_QPSK_15@0	21.59	23.85	0.243	2	Pass
3MHz_High_16QAM_1@0	21.65	23.91	0.246	2	Pass
3MHz_High_16QAM_1@8	21.73	23.99	0.251	2	Pass
3MHz_High_16QAM_1@14	21.70	23.96	0.249	2	Pass
3MHz_High_16QAM_8@0	20.81	23.07	0.203	2	Pass
3MHz_High_16QAM_8@4	20.89	23.15	0.207	2	Pass
3MHz_High_16QAM_8@7	20.84	23.10	0.204	2	Pass
3MHz_High_16QAM_15@0	20.65	22.91	0.195	2	Pass
5MHz_Low_QPSK_1@0	23.01	25.27	0.337	2	Pass
5MHz_Low_QPSK_1@12	22.81	25.07	0.321	2	Pass
5MHz_Low_QPSK_1@24	22.95	25.21	0.332	2	Pass
5MHz_Low_QPSK_12@0	21.81	24.07	0.255	2	Pass
5MHz_Low_QPSK_12@7	21.82	24.08	0.256	2	Pass
5MHz_Low_QPSK_12@13	21.90	24.16	0.261	2	Pass
5MHz_Low_QPSK_25@0	21.88	24.14	0.259	2	Pass
5MHz_Low_16QAM_1@0	22.25	24.51	0.282	2	Pass
5MHz_Low_16QAM_1@12	22.15	24.41	0.276	2	Pass
5MHz_Low_16QAM_1@24	22.39	24.65	0.292	2	Pass
5MHz_Low_16QAM_12@0	21.10	23.36	0.217	2	Pass
5MHz_Low_16QAM_12@7	21.17	23.43	0.220	2	Pass
5MHz_Low_16QAM_12@13	21.22	23.48	0.223	2	Pass
5MHz_Low_16QAM_25@0	21.15	23.41	0.219	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	23.31	25.57	0.361	2	Pass
5MHz_Middle_QPSK_1@12	22.98	25.24	0.334	2	Pass
5MHz_Middle_QPSK_1@24	23.03	25.29	0.338	2	Pass
5MHz_Middle_QPSK_12@0	22.15	24.41	0.276	2	Pass
5MHz_Middle_QPSK_12@7	22.12	24.38	0.274	2	Pass
5MHz_Middle_QPSK_12@13	22.11	24.37	0.274	2	Pass
5MHz_Middle_QPSK_25@0	22.20	24.46	0.279	2	Pass
5MHz_Middle_16QAM_1@0	22.54	24.80	0.302	2	Pass
5MHz_Middle_16QAM_1@12	22.35	24.61	0.289	2	Pass
5MHz_Middle_16QAM_1@24	22.36	24.62	0.290	2	Pass
5MHz_Middle_16QAM_12@0	21.46	23.72	0.236	2	Pass
5MHz_Middle_16QAM_12@7	21.34	23.60	0.229	2	Pass
5MHz_Middle_16QAM_12@13	21.32	23.58	0.228	2	Pass
5MHz_Middle_16QAM_25@0	21.40	23.66	0.232	2	Pass
5MHz_High_QPSK_1@0	23.27	25.53	0.357	2	Pass
5MHz_High_QPSK_1@12	22.71	24.97	0.314	2	Pass
5MHz_High_QPSK_1@24	22.80	25.06	0.321	2	Pass
5MHz_High_QPSK_12@0	21.82	24.08	0.256	2	Pass
5MHz_High_QPSK_12@7	21.69	23.95	0.248	2	Pass
5MHz_High_QPSK_12@13	21.70	23.96	0.249	2	Pass
5MHz_High_QPSK_25@0	21.80	24.06	0.255	2	Pass
5MHz_High_16QAM_1@0	22.47	24.73	0.297	2	Pass
5MHz_High_16QAM_1@12	22.05	24.31	0.270	2	Pass
5MHz_High_16QAM_1@24	22.21	24.47	0.280	2	Pass
5MHz_High_16QAM_12@0	21	23.26	0.212	2	Pass
5MHz_High_16QAM_12@7	20.93	23.19	0.208	2	Pass
5MHz_High_16QAM_12@13	20.91	23.17	0.207	2	Pass
5MHz_High_16QAM_25@0	20.95	23.21	0.209	2	Pass
10MHz_Low_QPSK_1@0	23.65	25.91	0.390	2	Pass
10MHz_Low_QPSK_1@25	23.39	25.65	0.367	2	Pass
10MHz_Low_QPSK_1@49	23.99	26.25	0.422	2	Pass
10MHz_Low_QPSK_25@0	22.53	24.79	0.301	2	Pass
10MHz_Low_QPSK_25@12	22.54	24.80	0.302	2	Pass
10MHz_Low_QPSK_25@25	22.82	25.08	0.322	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.65	24.91	0.310	2	Pass
10MHz_Low_16QAM_1@0	22.61	24.87	0.307	2	Pass
10MHz_Low_16QAM_1@25	22.49	24.75	0.299	2	Pass
10MHz_Low_16QAM_1@49	23.18	25.44	0.350	2	Pass
10MHz_Low_16QAM_12@0	22.73	24.99	0.316	2	Pass
10MHz_Low_16QAM_12@19	22.64	24.90	0.309	2	Pass
10MHz_Low_16QAM_12@38	23.14	25.40	0.347	2	Pass
10MHz_Low_16QAM_27@0	22.09	24.35	0.272	2	Pass
10MHz_Low_16QAM_27@11	22.05	24.31	0.270	2	Pass
10MHz_Low_16QAM_27@23	22	24.26	0.267	2	Pass
10MHz_Middle_QPSK_1@0	23.54	25.80	0.380	2	Pass
10MHz_Middle_QPSK_1@25	23.11	25.37	0.344	2	Pass
10MHz_Middle_QPSK_1@49	22.89	25.15	0.327	2	Pass
10MHz_Middle_QPSK_25@0	22.31	24.57	0.286	2	Pass
10MHz_Middle_QPSK_25@12	22.16	24.42	0.277	2	Pass
10MHz_Middle_QPSK_25@25	22.09	24.35	0.272	2	Pass
10MHz_Middle_QPSK_50@0	22.20	24.46	0.279	2	Pass
10MHz_Middle_16QAM_1@0	22.55	24.81	0.303	2	Pass
10MHz_Middle_16QAM_1@25	22.20	24.46	0.279	2	Pass
10MHz_Middle_16QAM_1@49	22.02	24.28	0.268	2	Pass
10MHz_Middle_16QAM_12@0	22.51	24.77	0.300	2	Pass
10MHz_Middle_16QAM_12@19	22.33	24.59	0.288	2	Pass
10MHz_Middle_16QAM_12@38	22.24	24.50	0.282	2	Pass
10MHz_Middle_16QAM_27@0	22.16	24.42	0.277	2	Pass
10MHz_Middle_16QAM_27@11	22.01	24.27	0.267	2	Pass
10MHz_Middle_16QAM_27@23	21.98	24.24	0.265	2	Pass
10MHz_High_QPSK_1@0	23.32	25.58	0.361	2	Pass
10MHz_High_QPSK_1@25	22.57	24.83	0.304	2	Pass
10MHz_High_QPSK_1@49	22.30	24.56	0.286	2	Pass
10MHz_High_QPSK_25@0	22.16	24.42	0.277	2	Pass
10MHz_High_QPSK_25@12	21.94	24.20	0.263	2	Pass
10MHz_High_QPSK_25@25	21.61	23.87	0.244	2	Pass
10MHz_High_QPSK_50@0	21.92	24.18	0.262	2	Pass
10MHz_High_16QAM_1@0	22.59	24.85	0.305	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_1@25	21.98	24.24	0.265	2	Pass
10MHz_High_16QAM_1@49	21.68	23.94	0.248	2	Pass
10MHz_High_16QAM_12@0	22.34	24.60	0.288	2	Pass
10MHz_High_16QAM_12@19	21.90	24.16	0.261	2	Pass
10MHz_High_16QAM_12@38	21.54	23.80	0.240	2	Pass
10MHz_High_16QAM_27@0	21.64	23.90	0.245	2	Pass
10MHz_High_16QAM_27@11	21.52	23.78	0.239	2	Pass
10MHz_High_16QAM_27@23	21.27	23.53	0.225	2	Pass
15MHz_Low_QPSK_1@0	23.49	25.75	0.376	2	Pass
15MHz_Low_QPSK_1@37	23.80	26.06	0.404	2	Pass
15MHz_Low_QPSK_1@74	24.11	26.37	0.434	2	Pass
15MHz_Low_QPSK_36@0	22.54	24.80	0.302	2	Pass
15MHz_Low_QPSK_36@20	22.94	25.20	0.331	2	Pass
15MHz_Low_QPSK_36@39	23.22	25.48	0.353	2	Pass
15MHz_Low_QPSK_75@0	22.93	25.19	0.330	2	Pass
15MHz_Low_16QAM_1@0	22.47	24.73	0.297	2	Pass
15MHz_Low_16QAM_1@37	22.88	25.14	0.327	2	Pass
15MHz_Low_16QAM_1@74	23.29	25.55	0.359	2	Pass
15MHz_Low_16QAM_12@0	22.63	24.89	0.308	2	Pass
15MHz_Low_16QAM_12@31	22.94	25.20	0.331	2	Pass
15MHz_Low_16QAM_12@63	23.30	25.56	0.360	2	Pass
15MHz_Low_16QAM_27@0	22.02	24.28	0.268	2	Pass
15MHz_Low_16QAM_27@24	22.07	24.33	0.271	2	Pass
15MHz_Low_16QAM_27@48	22.12	24.38	0.274	2	Pass
15MHz_Middle_QPSK_1@0	23.32	25.58	0.361	2	Pass
15MHz_Middle_QPSK_1@37	23.06	25.32	0.340	2	Pass
15MHz_Middle_QPSK_1@74	22.53	24.79	0.301	2	Pass
15MHz_Middle_QPSK_36@0	22.39	24.65	0.292	2	Pass
15MHz_Middle_QPSK_36@20	22.24	24.50	0.282	2	Pass
15MHz_Middle_QPSK_36@39	21.94	24.20	0.263	2	Pass
15MHz_Middle_QPSK_75@0	22.14	24.40	0.275	2	Pass
15MHz_Middle_16QAM_1@0	22.68	24.94	0.312	2	Pass
15MHz_Middle_16QAM_1@37	22.55	24.81	0.303	2	Pass
15MHz_Middle_16QAM_1@74	22.07	24.33	0.271	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_16QAM_12@0	22.42	24.68	0.294	2	Pass
15MHz_Middle_16QAM_12@31	22.29	24.55	0.285	2	Pass
15MHz_Middle_16QAM_12@63	21.76	24.02	0.252	2	Pass
15MHz_Middle_16QAM_27@0	21.94	24.20	0.263	2	Pass
15MHz_Middle_16QAM_27@24	21.88	24.14	0.259	2	Pass
15MHz_Middle_16QAM_27@48	21.56	23.82	0.241	2	Pass
15MHz_High_QPSK_1@0	22.99	25.25	0.335	2	Pass
15MHz_High_QPSK_1@37	23.02	25.28	0.337	2	Pass
15MHz_High_QPSK_1@74	22.01	24.27	0.267	2	Pass
15MHz_High_QPSK_36@0	22.38	24.64	0.291	2	Pass
15MHz_High_QPSK_36@20	22.28	24.54	0.284	2	Pass
15MHz_High_QPSK_36@39	21.81	24.07	0.255	2	Pass
15MHz_High_QPSK_75@0	22.13	24.39	0.275	2	Pass
15MHz_High_16QAM_1@0	22.29	24.55	0.285	2	Pass
15MHz_High_16QAM_1@37	22.39	24.65	0.292	2	Pass
15MHz_High_16QAM_1@74	21.45	23.71	0.235	2	Pass
15MHz_High_16QAM_12@0	22.18	24.44	0.278	2	Pass
15MHz_High_16QAM_12@31	22.30	24.56	0.286	2	Pass
15MHz_High_16QAM_12@63	21.35	23.61	0.230	2	Pass
15MHz_High_16QAM_27@0	21.26	23.52	0.225	2	Pass
15MHz_High_16QAM_27@24	21.41	23.67	0.233	2	Pass
15MHz_High_16QAM_27@48	20.99	23.25	0.211	2	Pass
20MHz_Low_QPSK_1@0	23.03	25.29	0.338	2	Pass
20MHz_Low_QPSK_1@49	23.55	25.81	0.381	2	Pass
20MHz_Low_QPSK_1@99	23.95	26.21	0.418	2	Pass
20MHz_Low_QPSK_50@0	22.26	24.52	0.283	2	Pass
20MHz_Low_QPSK_50@24	22.68	24.94	0.312	2	Pass
20MHz_Low_QPSK_50@50	23.02	25.28	0.337	2	Pass
20MHz_Low_QPSK_100@0	22.70	24.96	0.313	2	Pass
20MHz_Low_16QAM_1@0	22.35	24.61	0.289	2	Pass
20MHz_Low_16QAM_1@49	22.88	25.14	0.327	2	Pass
20MHz_Low_16QAM_1@99	23.39	25.65	0.367	2	Pass
20MHz_Low_16QAM_12@0	22.26	24.52	0.283	2	Pass
20MHz_Low_16QAM_12@43	22.83	25.09	0.323	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_12@88	23.27	25.53	0.357	2	Pass
20MHz_Low_16QAM_27@0	21.55	23.81	0.240	2	Pass
20MHz_Low_16QAM_27@37	21.80	24.06	0.255	2	Pass
20MHz_Low_16QAM_27@73	22.22	24.48	0.281	2	Pass
20MHz_Middle_QPSK_1@0	23.59	25.85	0.385	2	Pass
20MHz_Middle_QPSK_1@49	23.27	25.53	0.357	2	Pass
20MHz_Middle_QPSK_1@99	22.69	24.95	0.313	2	Pass
20MHz_Middle_QPSK_50@0	22.39	24.65	0.292	2	Pass
20MHz_Middle_QPSK_50@24	22.27	24.53	0.284	2	Pass
20MHz_Middle_QPSK_50@50	21.87	24.13	0.259	2	Pass
20MHz_Middle_QPSK_100@0	22.19	24.45	0.279	2	Pass
20MHz_Middle_16QAM_1@0	22.79	25.05	0.320	2	Pass
20MHz_Middle_16QAM_1@49	22.57	24.83	0.304	2	Pass
20MHz_Middle_16QAM_1@99	22.05	24.31	0.270	2	Pass
20MHz_Middle_16QAM_12@0	22.49	24.75	0.299	2	Pass
20MHz_Middle_16QAM_12@43	22.36	24.62	0.290	2	Pass
20MHz_Middle_16QAM_12@88	21.81	24.07	0.255	2	Pass
20MHz_Middle_16QAM_27@0	21.88	24.14	0.259	2	Pass
20MHz_Middle_16QAM_27@37	21.92	24.18	0.262	2	Pass
20MHz_Middle_16QAM_27@73	21.30	23.56	0.227	2	Pass
20MHz_High_QPSK_1@0	22.98	25.24	0.334	2	Pass
20MHz_High_QPSK_1@49	23.20	25.46	0.352	2	Pass
20MHz_High_QPSK_1@99	22.23	24.49	0.281	2	Pass
20MHz_High_QPSK_50@0	22.27	24.53	0.284	2	Pass
20MHz_High_QPSK_50@24	22.38	24.64	0.291	2	Pass
20MHz_High_QPSK_50@50	21.97	24.23	0.265	2	Pass
20MHz_High_QPSK_100@0	22.07	24.33	0.271	2	Pass
20MHz_High_16QAM_1@0	22.35	24.61	0.289	2	Pass
20MHz_High_16QAM_1@49	22.74	25.00	0.316	2	Pass
20MHz_High_16QAM_1@99	21.74	24.00	0.251	2	Pass
20MHz_High_16QAM_12@0	22.09	24.35	0.272	2	Pass
20MHz_High_16QAM_12@43	22.51	24.77	0.300	2	Pass
20MHz_High_16QAM_12@88	21.53	23.79	0.239	2	Pass
20MHz_High_16QAM_27@0	21.15	23.41	0.219	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_High_16QAM_27@37	21.38	23.64	0.231	2	Pass
20MHz_High_16QAM_27@73	20.99	23.25	0.211	2	Pass

Note:
EIRP = Conducted Power(dBm) + Antenna Gain(dBi)
Band 2:
Antenna Gain = 2.26dBi;

Peak-to-average Ratio(PAR)

FCC Part 24E

Band 2, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	5.54	13
20MHz_Low_QPSK_100@0	4.99	13
20MHz_Low_16QAM_1@0	6	13
20MHz_Low_16QAM_27@0	6.46	13
20MHz_Middle_QPSK_1@0	3.62	13
20MHz_Middle_QPSK_100@0	5.07	13
20MHz_Middle_16QAM_1@0	4.41	13
20MHz_Middle_16QAM_27@0	5.30	13
20MHz_High_QPSK_1@0	5.36	13
20MHz_High_QPSK_100@0	5.22	13
20MHz_High_16QAM_1@0	6.32	13
20MHz_High_16QAM_27@0	6.43	13

Note:worst case.

Occupied Bandwidth

FCC Part 24E

Band 2, Normal

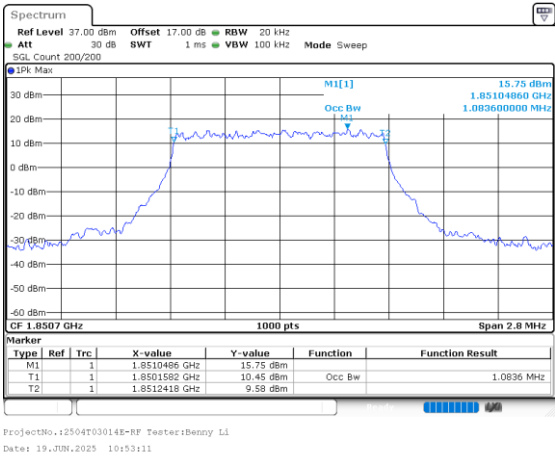
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.084	1.312
1.4MHz_Low_16QAM_6@0	1.086	1.295
1.4MHz_Middle_QPSK_6@0	1.081	1.315
1.4MHz_Middle_16QAM_6@0	1.081	1.303
1.4MHz_High_QPSK_6@0	1.089	1.256
1.4MHz_High_16QAM_6@0	1.078	1.331
3MHz_Low_QPSK_15@0	2.688	2.955
3MHz_Low_16QAM_15@0	2.694	3.165
3MHz_Middle_QPSK_15@0	2.694	3.147
3MHz_Middle_16QAM_15@0	2.682	3.093
3MHz_High_QPSK_15@0	2.676	3.207
3MHz_High_16QAM_15@0	2.682	2.943
5MHz_Low_QPSK_25@0	4.480	5.275
5MHz_Low_16QAM_25@0	4.480	5.365
5MHz_Middle_QPSK_25@0	4.470	5.335
5MHz_Middle_16QAM_25@0	4.470	5.345
5MHz_High_QPSK_25@0	4.470	5.476
5MHz_High_16QAM_25@0	4.500	5.395
10MHz_Low_QPSK_50@0	8.960	10.571
10MHz_Low_16QAM_27@0	4.900	6.006
10MHz_Middle_QPSK_50@0	8.960	10.751
10MHz_Middle_16QAM_27@0	4.900	6.006
10MHz_High_QPSK_50@0	8.960	10.451
10MHz_High_16QAM_27@0	4.900	5.786
15MHz_Low_QPSK_75@0	13.500	15.345
15MHz_Low_16QAM_27@0	5.040	7.147
15MHz_Middle_QPSK_75@0	13.440	15.586
15MHz_Middle_16QAM_27@0	5.100	7.447
15MHz_High_QPSK_75@0	13.440	15.015
15MHz_High_16QAM_27@0	5.040	7.207

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.920	19.780
20MHz_Low_16QAM_27@0	5.040	6.927
20MHz_Middle_QPSK_100@0	17.920	20.541
20MHz_Middle_16QAM_27@0	5.040	6.687
20MHz_High_QPSK_100@0	17.840	19.820
20MHz_High_16QAM_27@0	5	7.047

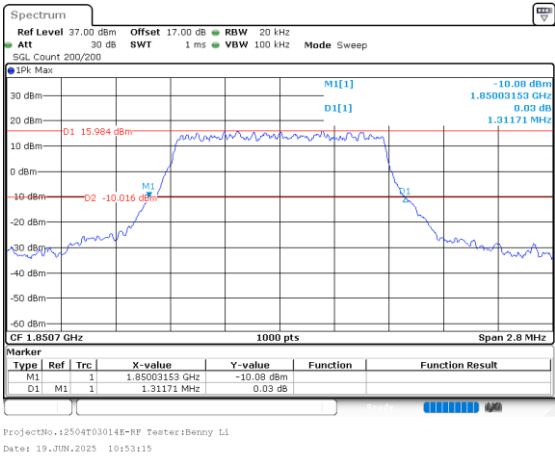
Band 2, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

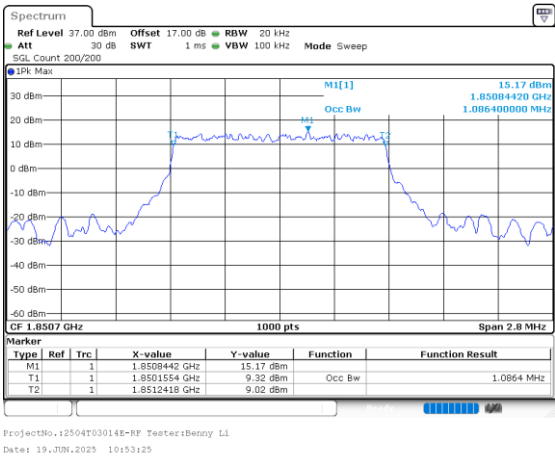


26dB Bandwidth

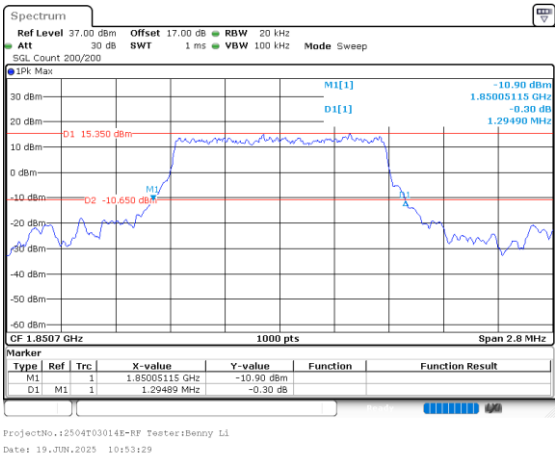


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

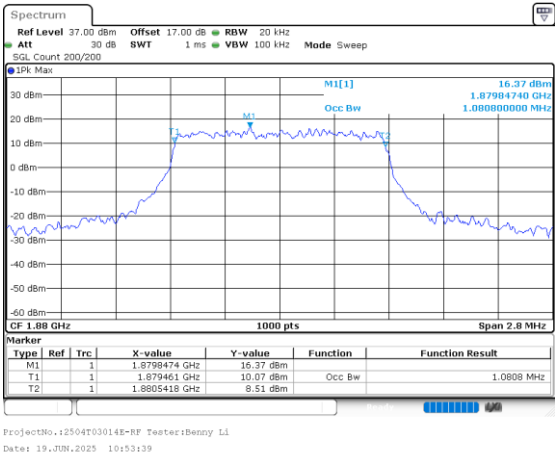


26dB Bandwidth

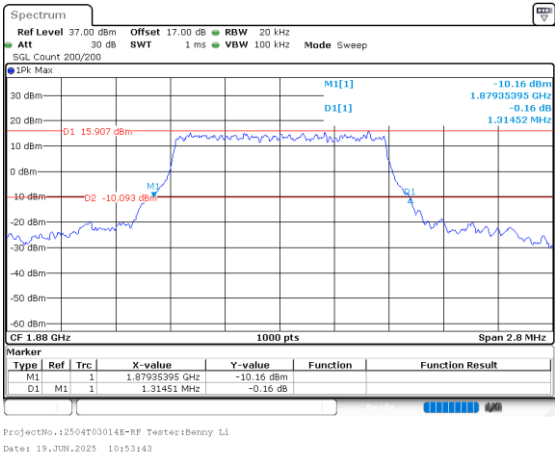


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



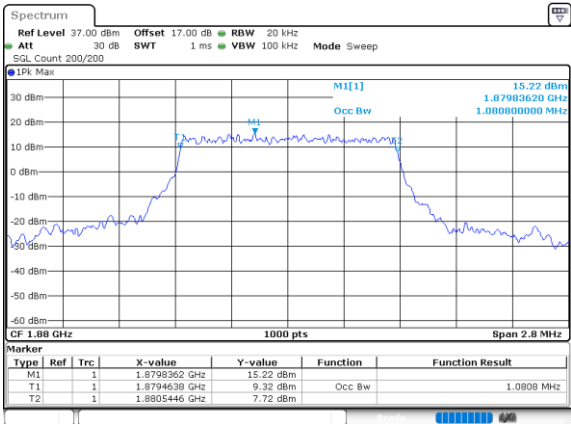
26dB Bandwidth



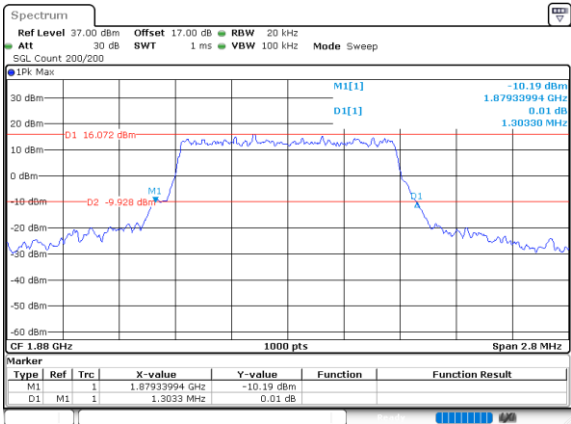
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:53:53

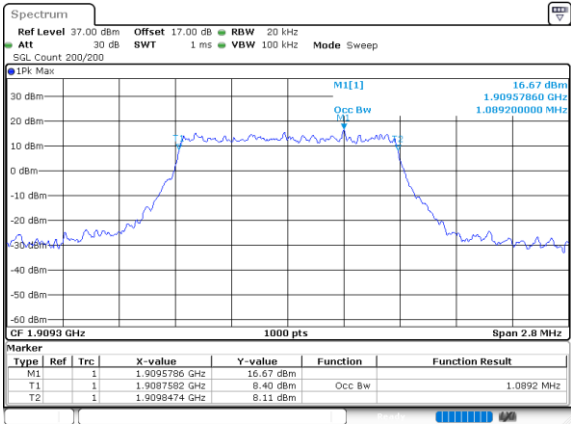


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:53:57

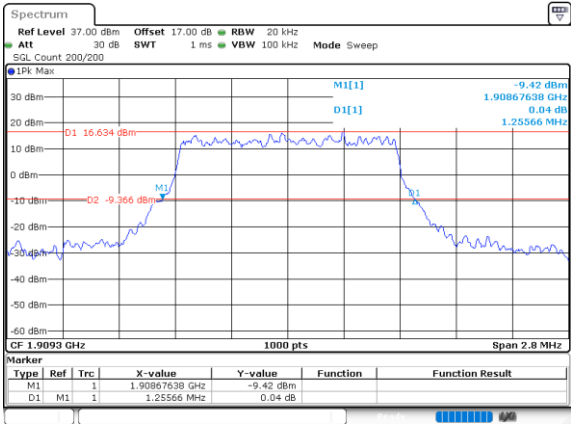
1.4MHz_High_QPSK_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:54:07

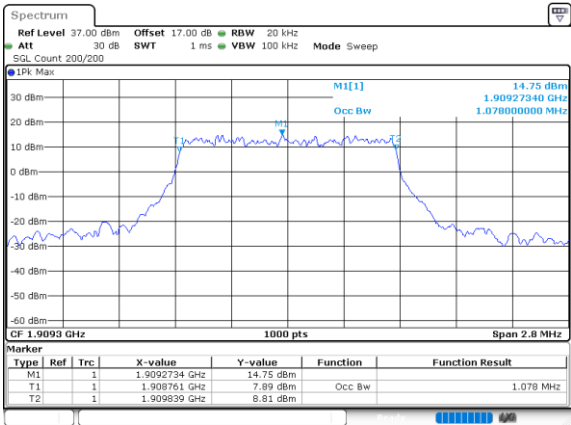


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:54:11

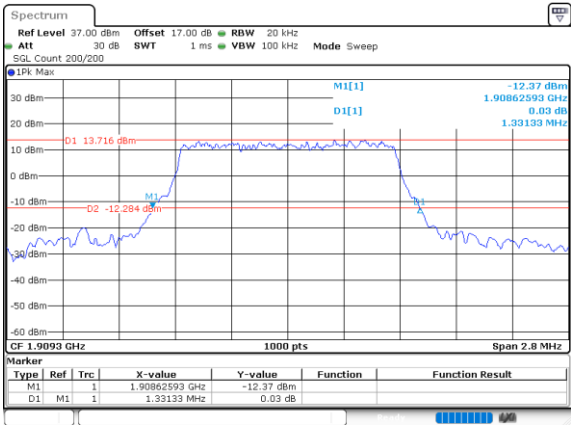
1.4MHz_High_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



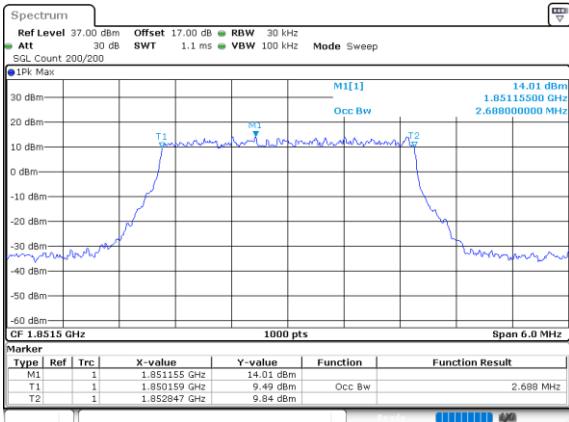
ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:54:22



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:54:26

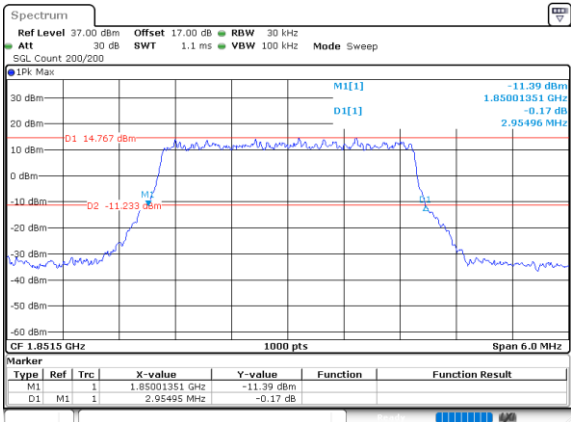
3MHz_Low_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:54:41

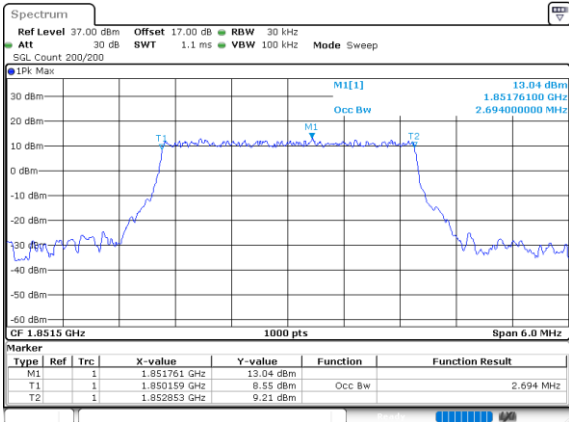
26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:54:45

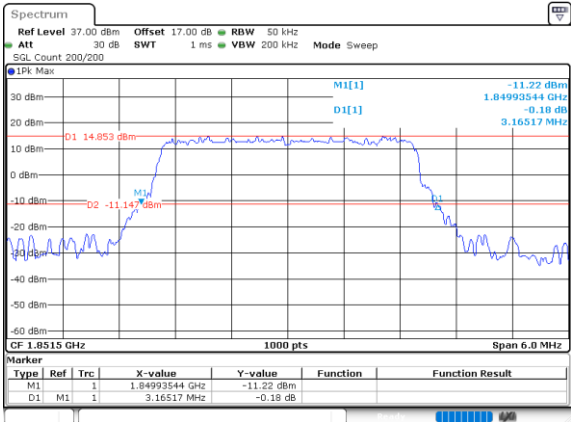
3MHz_Low_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:54:55

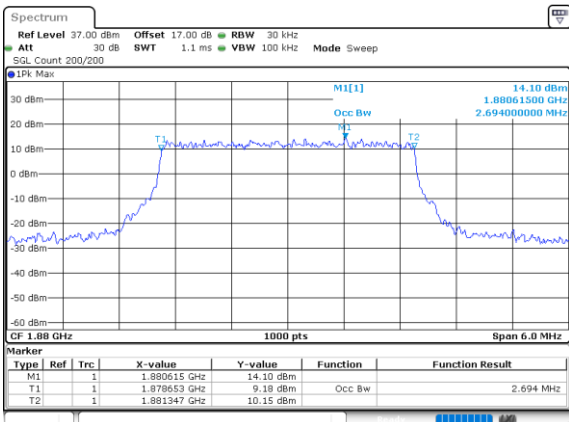
26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:55:00

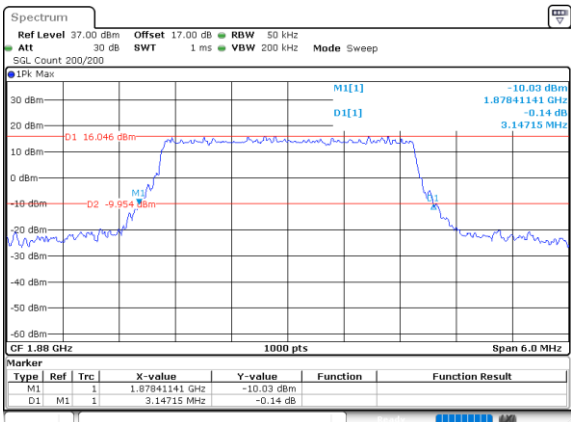
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:55:09

26dB Bandwidth

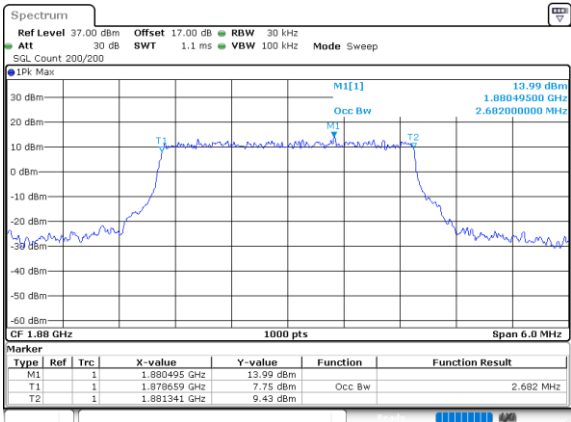


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:55:14

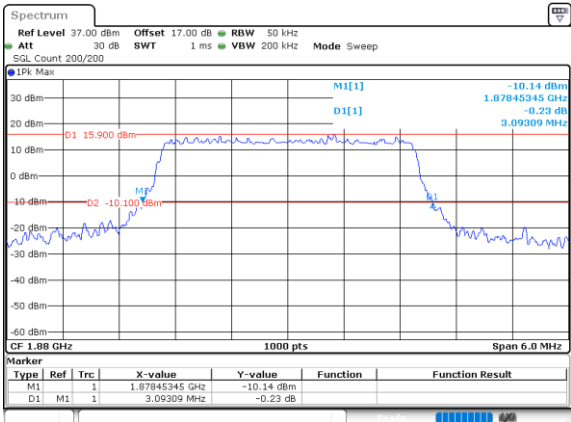
3MHz_Middle_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19 JUN 2025 10:55:23

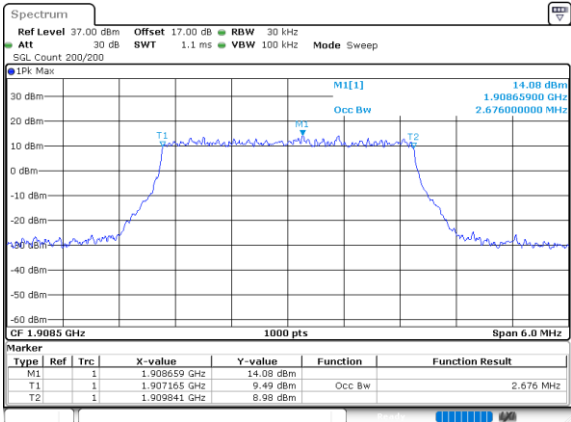


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19 JUN 2025 10:55:28

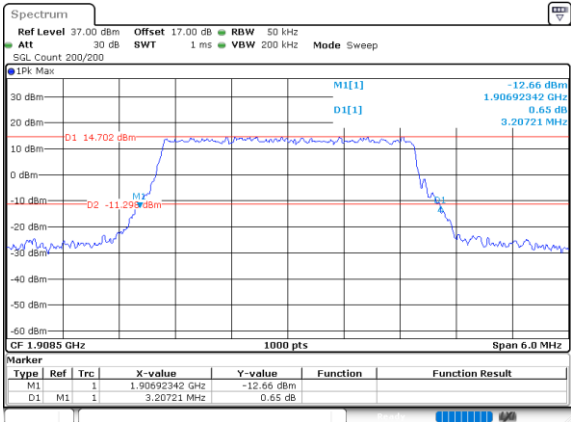
3MHz_High_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19 JUN 2025 10:55:38

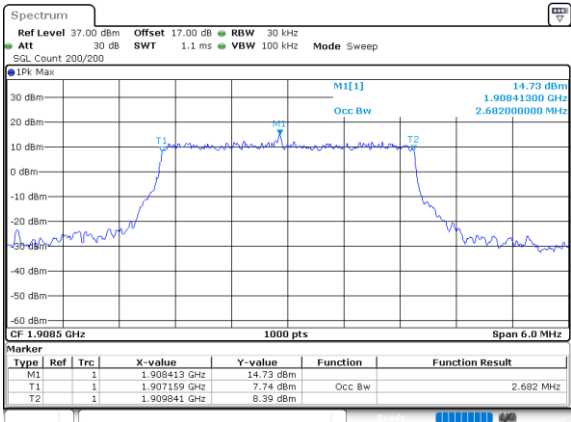


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19 JUN 2025 10:55:44

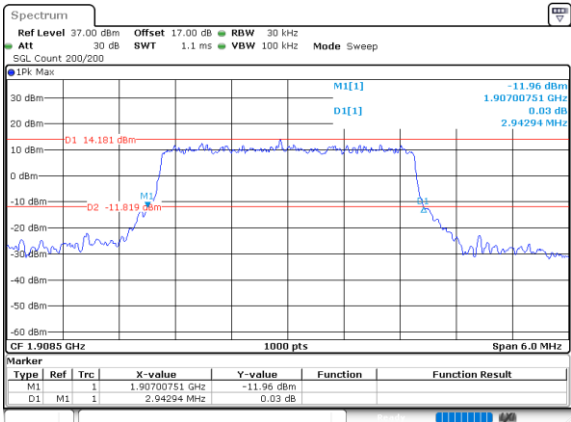
3MHz_High_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19 JUN 2025 10:55:54

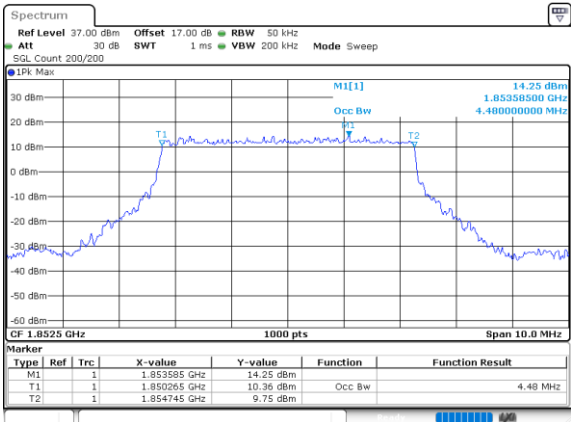


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19 JUN 2025 10:55:58

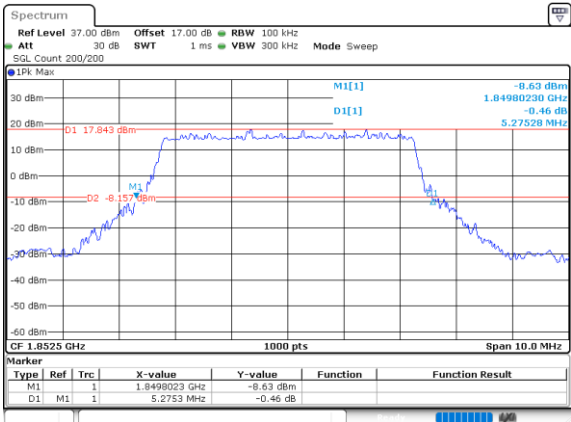
5MHz_Low_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:56:14

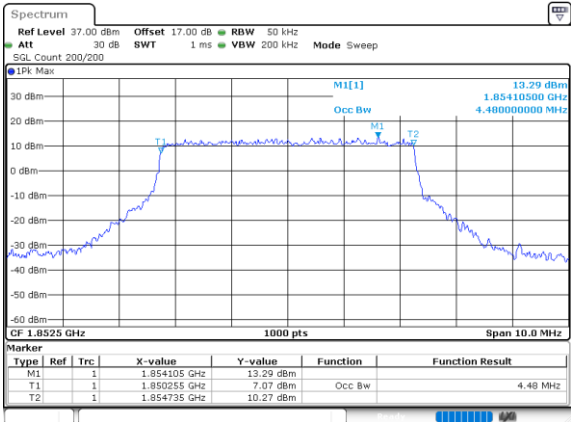


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:56:21

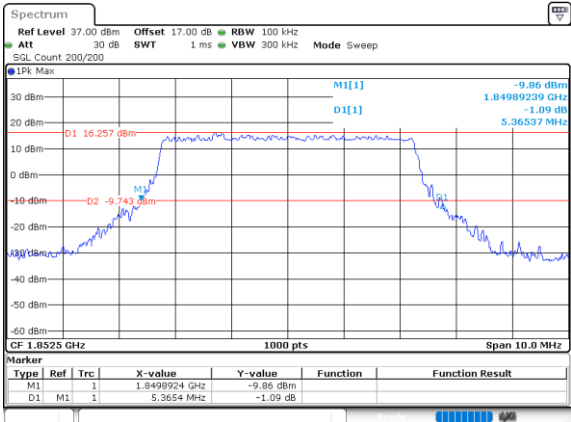
5MHz_Low_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:56:33

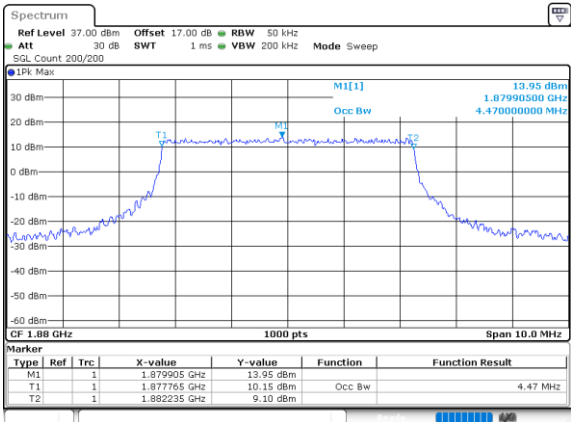


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:56:39

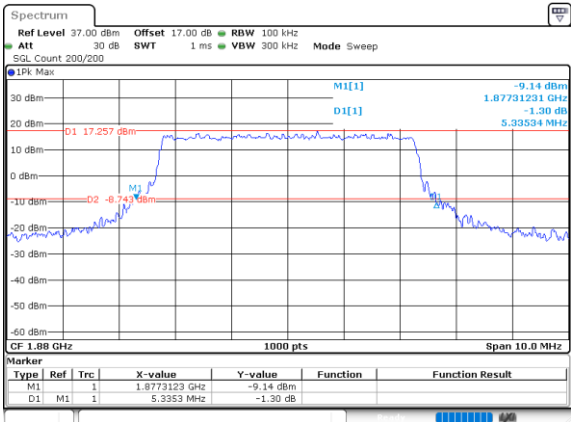
5MHz_Middle_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:56:50

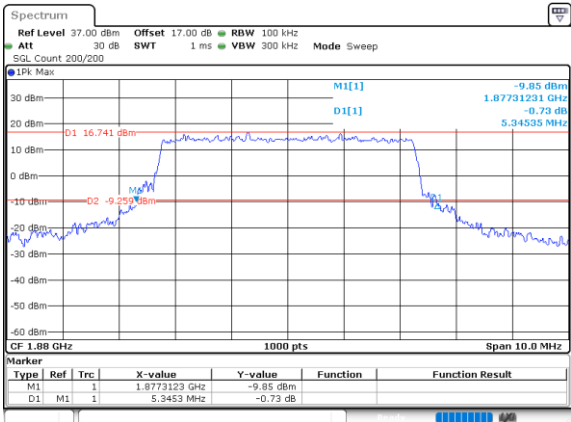
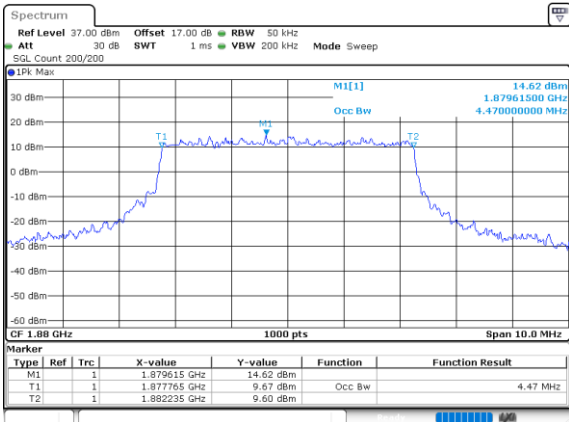


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:56:55

5MHz_Middle_16QAM_25@0

Occupied Bandwidth

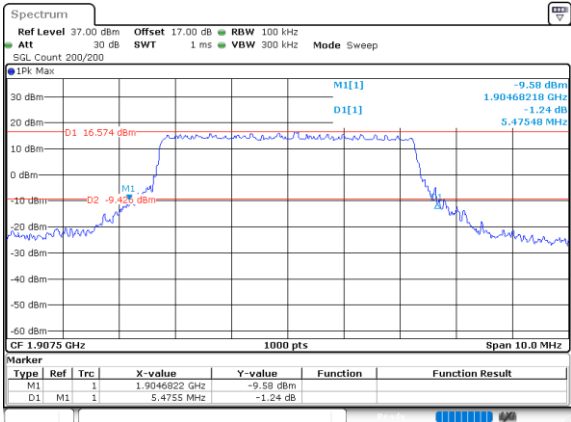
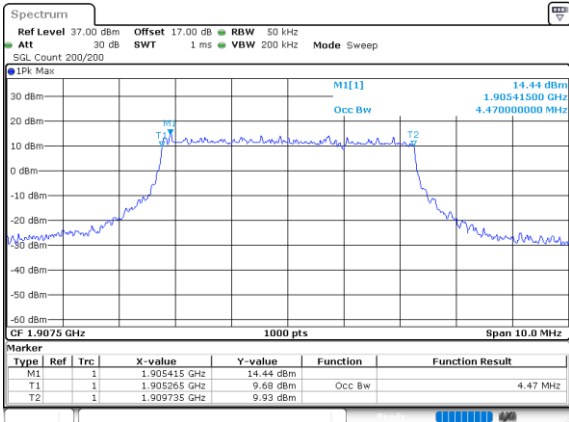
26dB Bandwidth



5MHz_High_QPSK_25@0

Occupied Bandwidth

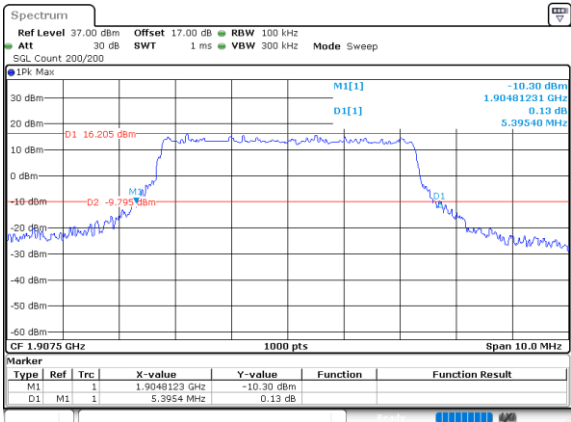
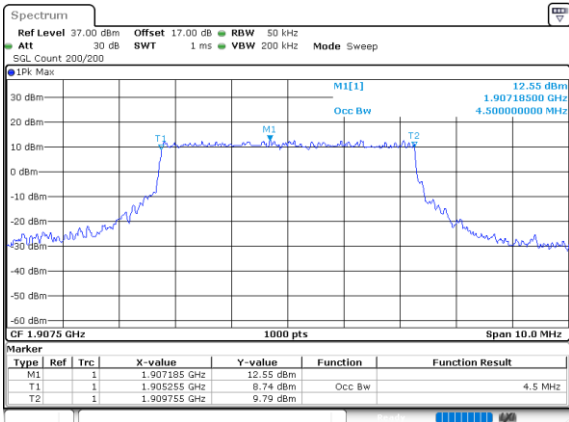
26dB Bandwidth



5MHz_High_16QAM_25@0

Occupied Bandwidth

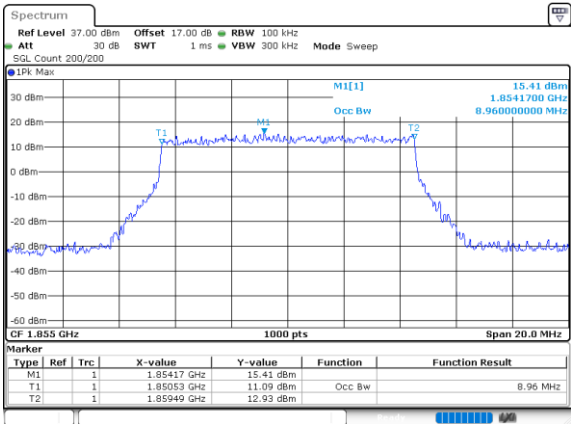
26dB Bandwidth



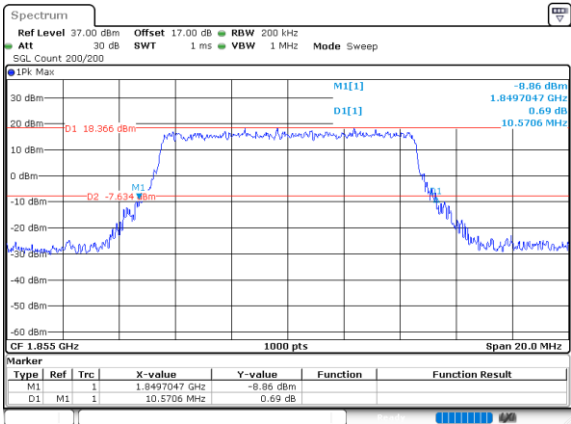
10MHz_Low_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:58:07

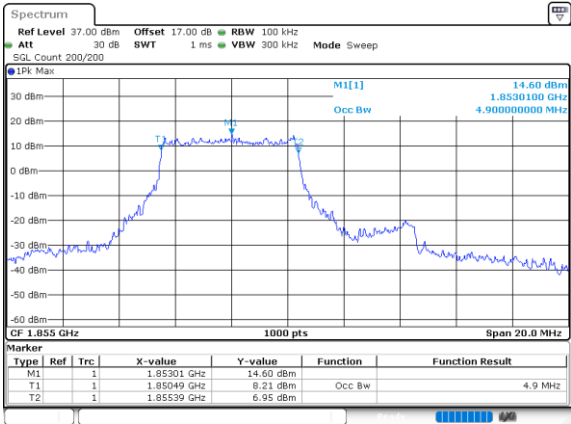


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:58:16

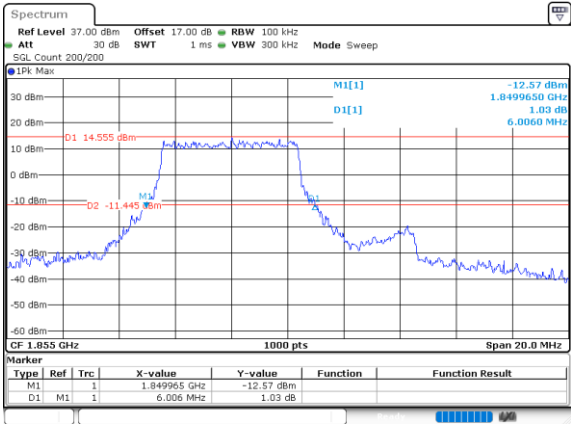
10MHz_Low_16QAM_27@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:18:07

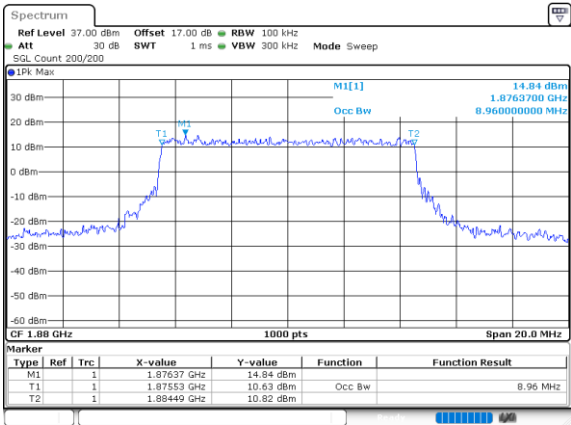


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:18:13

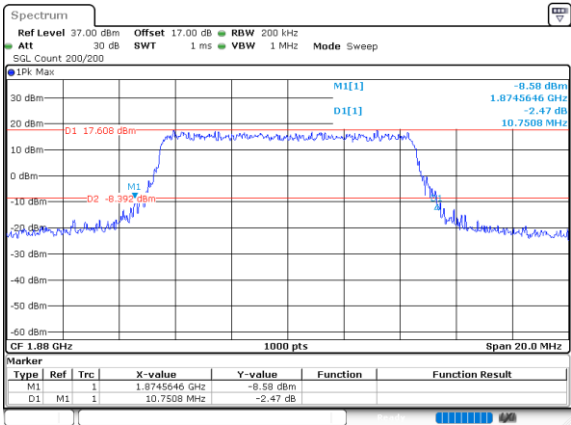
10MHz_Middle_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



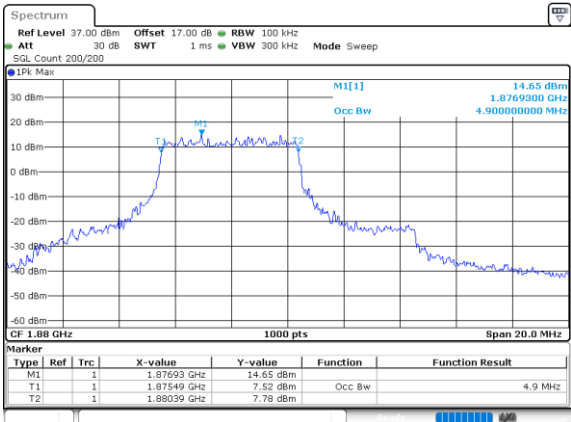
ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:58:49



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:58:58

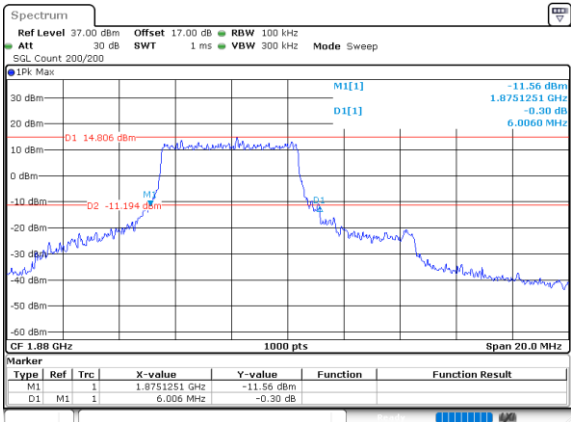
10MHz_Middle_16QAM_27@0

Occupied Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:18:24

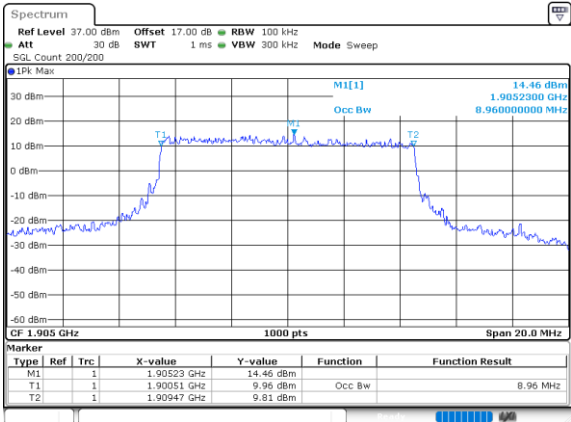
26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:18:30

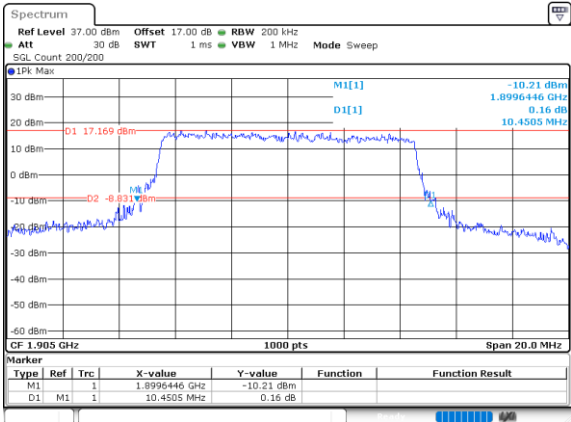
10MHz_High_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:59:29

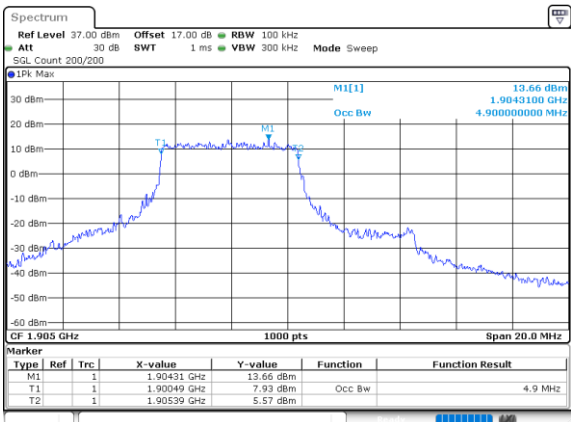
26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 10:59:39

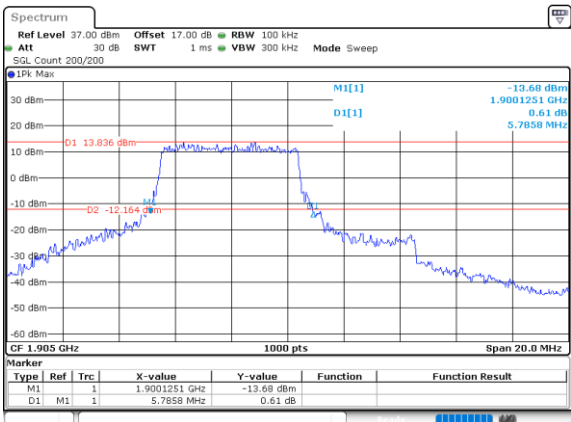
10MHz_High_16QAM_27@0

Occupied Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:18:42

26dB Bandwidth

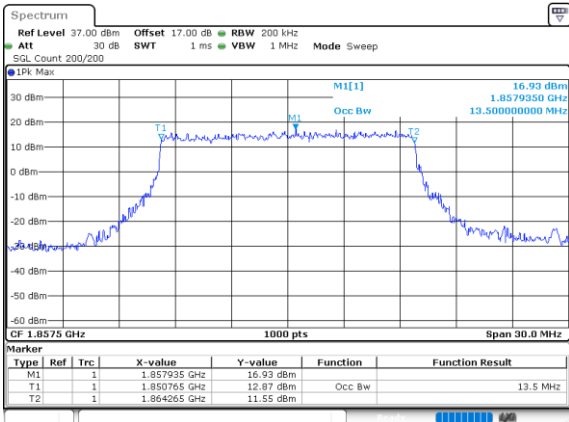


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:18:48

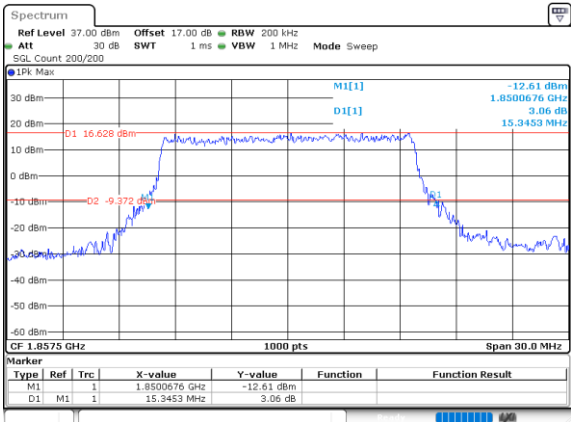
15MHz_Low_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:00:20

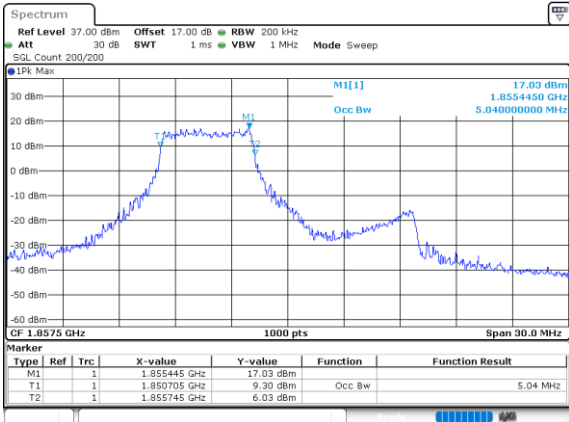


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:00:26

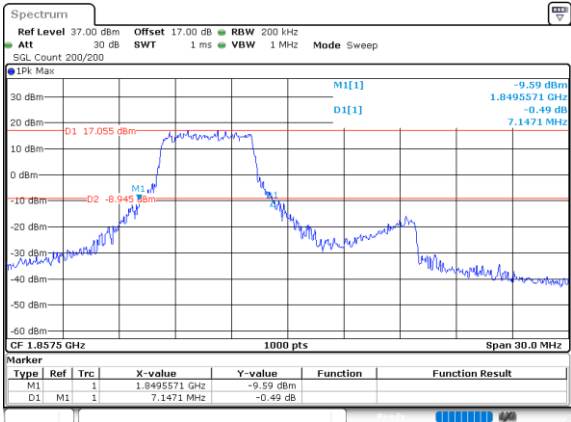
15MHz_Low_16QAM_27@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:19:58

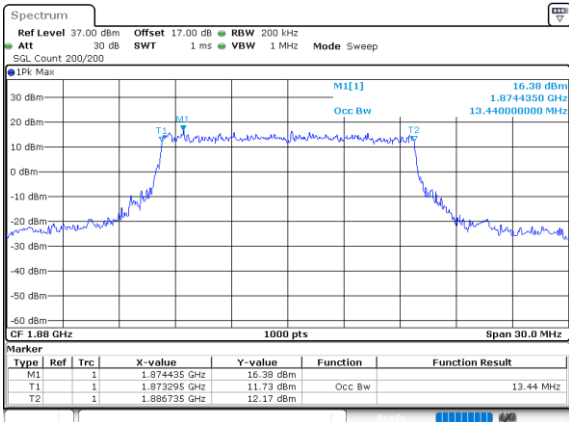


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:20:04

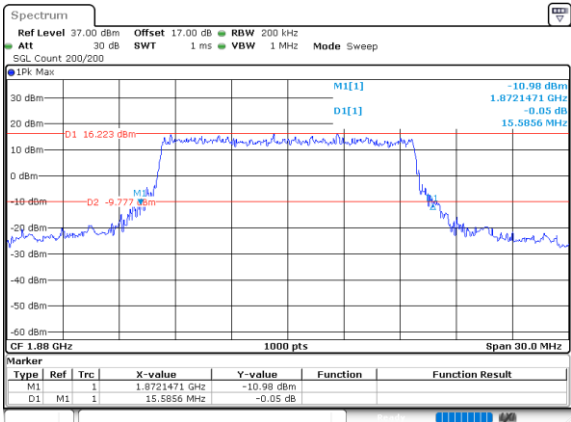
15MHz_Middle_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



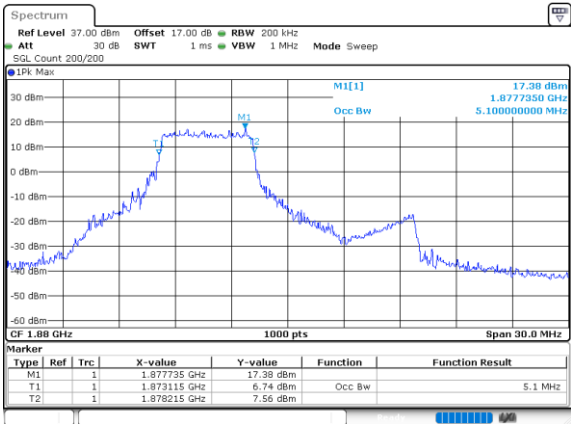
ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:01:06



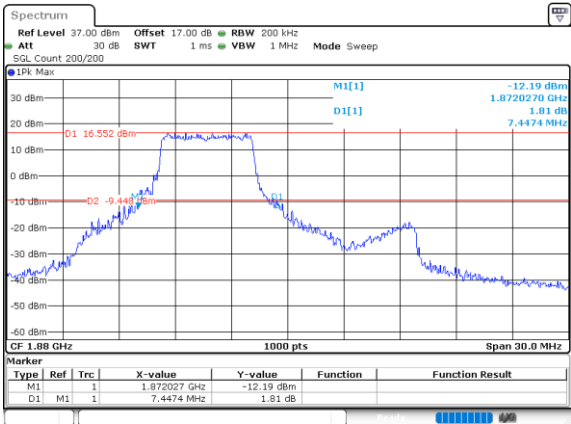
ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:01:12

15MHz_Middle_16QAM_27@0

Occupied Bandwidth

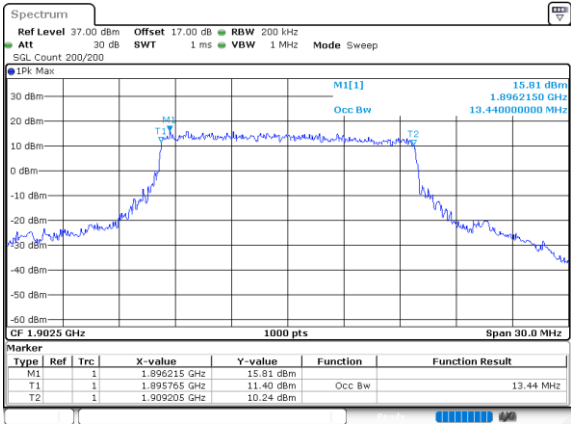


26dB Bandwidth

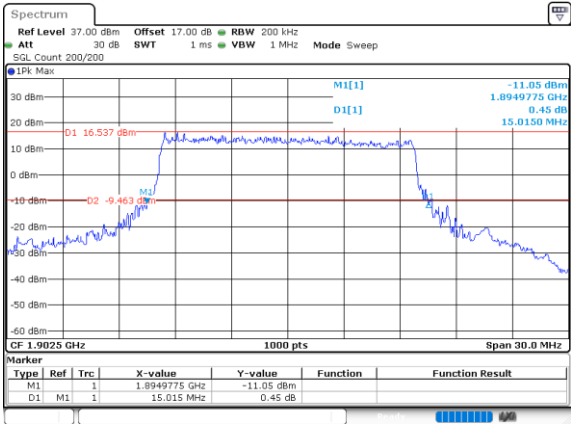


15MHz_High_QPSK_75@0

Occupied Bandwidth

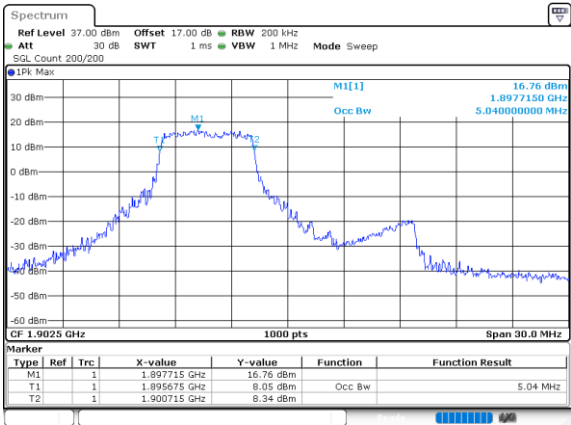


26dB Bandwidth

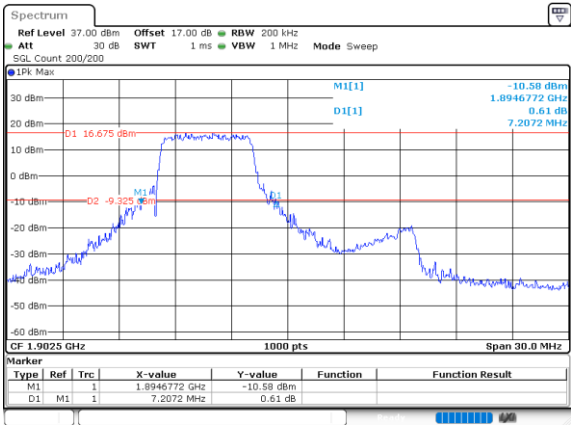


15MHz_High_16QAM_27@0

Occupied Bandwidth



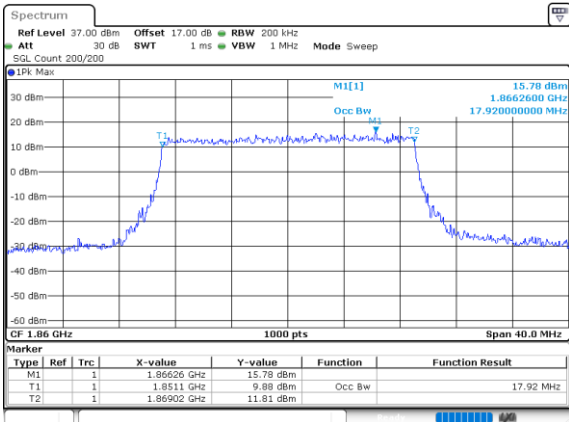
26dB Bandwidth



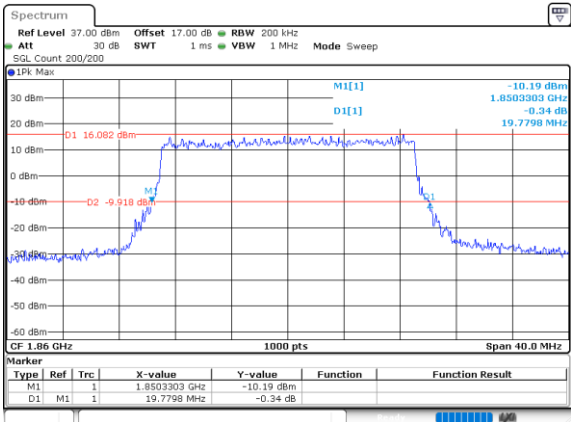
20MHz_Low_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:02:45

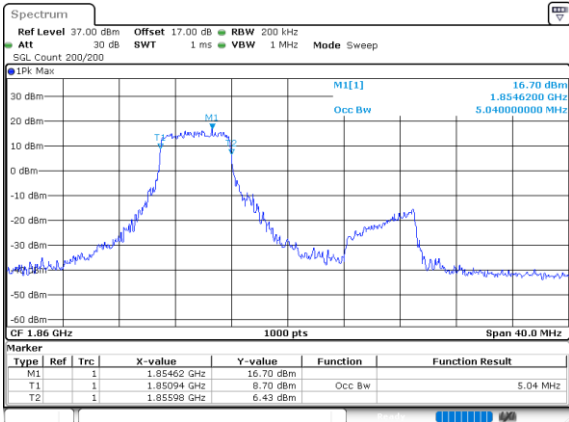


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:02:53

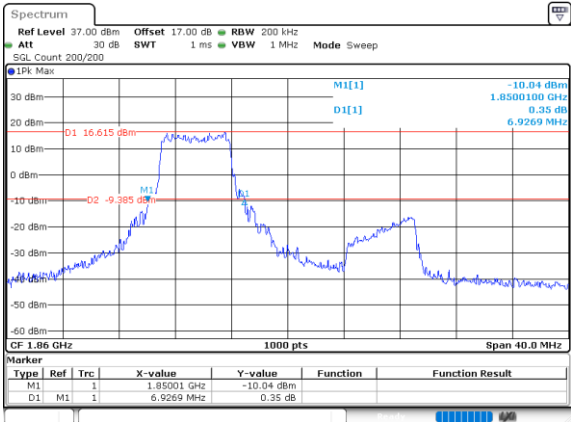
20MHz_Low_16QAM_27@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:26:18

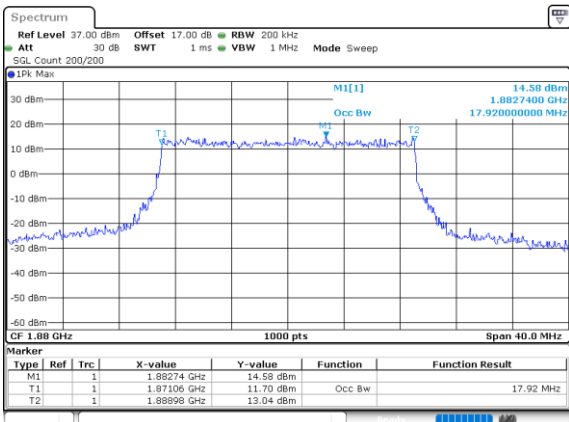


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:26:25

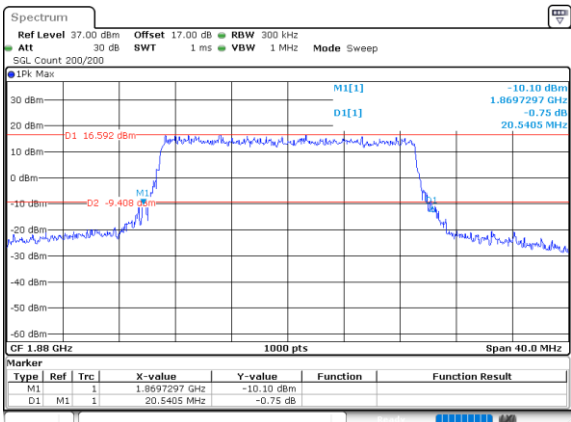
20MHz_Middle_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:03:34

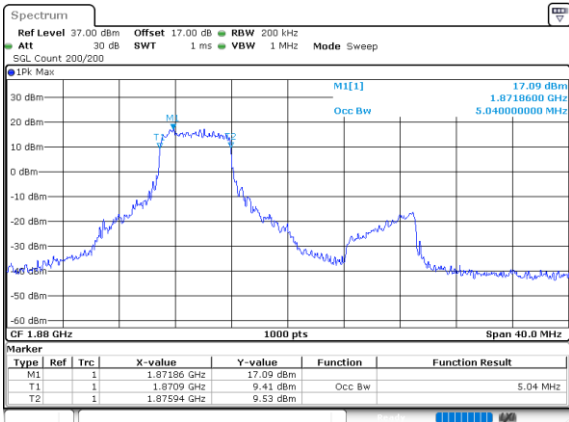


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:03:42

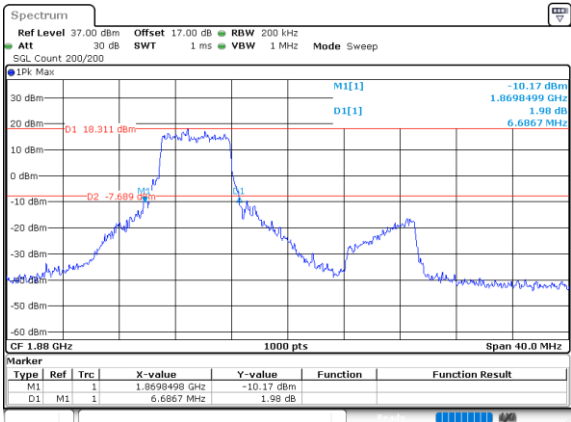
20MHz_Middle_16QAM_27@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:26:40

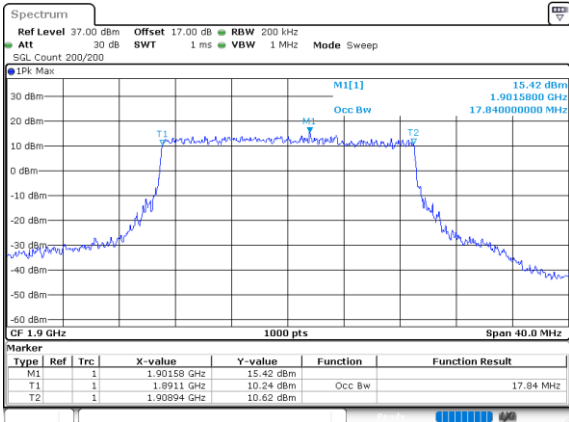


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:26:47

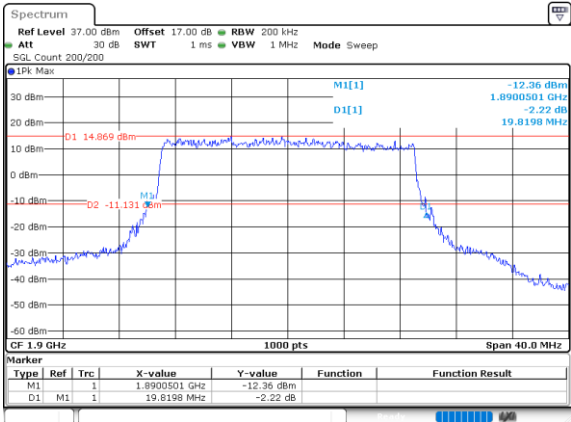
20MHz_High_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:04:25

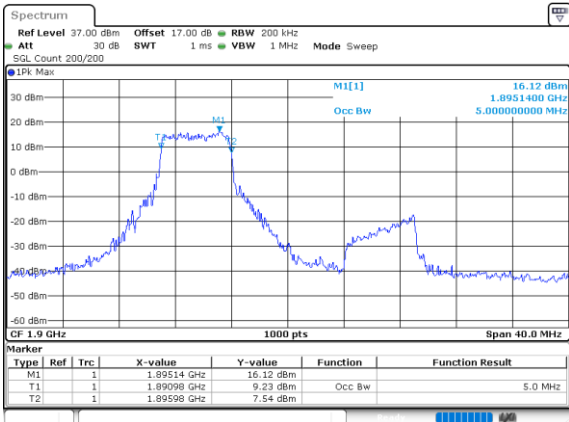


ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 19.JUN.2025 11:04:32

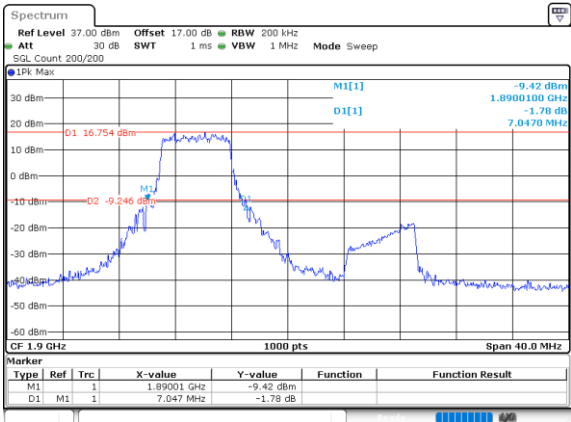
20MHz_High_16QAM_27@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:27:02



ProjectNo.:2504T03014E-RF Tester:Benny Li
Date: 25.JUN.2025 17:27:09