

FCC Part 27&IC RSS 139

B66, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_Low_QPSK_1@0	23.48	24.53	0.284	1	Pass
1.4MHz_Low_QPSK_1@3	23.46	24.51	0.282	1	Pass
1.4MHz_Low_QPSK_1@5	23.51	24.56	0.286	1	Pass
1.4MHz_Low_QPSK_3@0	23.31	24.36	0.273	1	Pass
1.4MHz_Low_QPSK_3@1	23.35	24.40	0.275	1	Pass
1.4MHz_Low_QPSK_3@3	23.31	24.36	0.273	1	Pass
1.4MHz_Low_QPSK_6@0	22.32	23.37	0.217	1	Pass
1.4MHz_Low_16QAM_1@0	23.72	24.77	0.300	1	Pass
1.4MHz_Low_16QAM_1@3	23.72	24.77	0.300	1	Pass
1.4MHz_Low_16QAM_1@5	23.73	24.78	0.301	1	Pass
1.4MHz_Low_16QAM_3@0	22.40	23.45	0.221	1	Pass
1.4MHz_Low_16QAM_3@1	22.44	23.49	0.223	1	Pass
1.4MHz_Low_16QAM_3@3	22.48	23.53	0.225	1	Pass
1.4MHz_Low_16QAM_6@0	21.32	22.37	0.173	1	Pass
1.4MHz_Middle_QPSK_1@0	23.23	24.28	0.268	1	Pass
1.4MHz_Middle_QPSK_1@3	23.22	24.27	0.267	1	Pass
1.4MHz_Middle_QPSK_1@5	23.21	24.26	0.267	1	Pass
1.4MHz_Middle_QPSK_3@0	23.24	24.29	0.269	1	Pass
1.4MHz_Middle_QPSK_3@1	23.21	24.26	0.267	1	Pass
1.4MHz_Middle_QPSK_3@3	23.31	24.36	0.273	1	Pass
1.4MHz_Middle_QPSK_6@0	22.20	23.25	0.211	1	Pass
1.4MHz_Middle_16QAM_1@0	23.15	24.20	0.263	1	Pass
1.4MHz_Middle_16QAM_1@3	23.10	24.15	0.260	1	Pass
1.4MHz_Middle_16QAM_1@5	23.14	24.19	0.262	1	Pass
1.4MHz_Middle_16QAM_3@0	22.16	23.21	0.209	1	Pass
1.4MHz_Middle_16QAM_3@1	22.20	23.25	0.211	1	Pass
1.4MHz_Middle_16QAM_3@3	22.15	23.20	0.209	1	Pass
1.4MHz_Middle_16QAM_6@0	21.41	22.46	0.176	1	Pass
1.4MHz_High_QPSK_1@0	23.20	24.25	0.266	1	Pass
1.4MHz_High_QPSK_1@3	23.16	24.21	0.264	1	Pass
1.4MHz_High_QPSK_1@5	23.17	24.22	0.264	1	Pass
1.4MHz_High_QPSK_3@0	23.03	24.08	0.256	1	Pass
1.4MHz_High_QPSK_3@1	23.09	24.14	0.259	1	Pass
1.4MHz_High_QPSK_3@3	23	24.05	0.254	1	Pass
1.4MHz_High_QPSK_6@0	22.04	23.09	0.204	1	Pass
1.4MHz_High_16QAM_1@0	23.40	24.45	0.279	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_High_16QAM_1@3	23.38	24.43	0.277	1	Pass
1.4MHz_High_16QAM_1@5	23.42	24.47	0.280	1	Pass
1.4MHz_High_16QAM_3@0	22.31	23.36	0.217	1	Pass
1.4MHz_High_16QAM_3@1	22.35	23.40	0.219	1	Pass
1.4MHz_High_16QAM_3@3	22.47	23.52	0.225	1	Pass
1.4MHz_High_16QAM_6@0	21.25	22.30	0.170	1	Pass
3MHz_Low_QPSK_1@0	23.48	24.53	0.284	1	Pass
3MHz_Low_QPSK_1@14	23.49	24.54	0.284	1	Pass
3MHz_Low_QPSK_1@8	23.49	24.54	0.284	1	Pass
3MHz_Low_QPSK_15@0	22.21	23.26	0.212	1	Pass
3MHz_Low_QPSK_8@0	22.30	23.35	0.216	1	Pass
3MHz_Low_QPSK_8@4	22.22	23.27	0.212	1	Pass
3MHz_Low_QPSK_8@7	22.22	23.27	0.212	1	Pass
3MHz_Low_16QAM_1@0	22.71	23.76	0.238	1	Pass
3MHz_Low_16QAM_1@14	22.73	23.78	0.239	1	Pass
3MHz_Low_16QAM_1@8	22.68	23.73	0.236	1	Pass
3MHz_Low_16QAM_15@0	21.37	22.42	0.175	1	Pass
3MHz_Low_16QAM_8@0	21.35	22.40	0.174	1	Pass
3MHz_Low_16QAM_8@4	21.41	22.46	0.176	1	Pass
3MHz_Low_16QAM_8@7	21.38	22.43	0.175	1	Pass
3MHz_Middle_QPSK_1@0	23.29	24.34	0.272	1	Pass
3MHz_Middle_QPSK_1@14	23.28	24.33	0.271	1	Pass
3MHz_Middle_QPSK_1@8	23.29	24.34	0.272	1	Pass
3MHz_Middle_QPSK_15@0	22.19	23.24	0.211	1	Pass
3MHz_Middle_QPSK_8@0	22.21	23.26	0.212	1	Pass
3MHz_Middle_QPSK_8@4	22.25	23.30	0.214	1	Pass
3MHz_Middle_QPSK_8@7	22.22	23.27	0.212	1	Pass
3MHz_Middle_16QAM_1@0	22.90	23.95	0.248	1	Pass
3MHz_Middle_16QAM_1@14	22.95	24.00	0.251	1	Pass
3MHz_Middle_16QAM_1@8	22.93	23.98	0.250	1	Pass
3MHz_Middle_16QAM_15@0	21.49	22.54	0.179	1	Pass
3MHz_Middle_16QAM_8@0	21.12	22.17	0.165	1	Pass
3MHz_Middle_16QAM_8@4	21.18	22.23	0.167	1	Pass
3MHz_Middle_16QAM_8@7	21.14	22.19	0.166	1	Pass
3MHz_High_QPSK_1@0	23.33	24.38	0.274	1	Pass
3MHz_High_QPSK_1@14	23.28	24.33	0.271	1	Pass
3MHz_High_QPSK_1@8	23.27	24.32	0.270	1	Pass
3MHz_High_QPSK_15@0	21.99	23.04	0.201	1	Pass
3MHz_High_QPSK_8@0	22.15	23.20	0.209	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
3MHz_High_QPSK_8@4	22.03	23.08	0.203	1	Pass
3MHz_High_QPSK_8@7	22.16	23.21	0.209	1	Pass
3MHz_High_16QAM_1@0	22.91	23.96	0.249	1	Pass
3MHz_High_16QAM_1@14	22.86	23.91	0.246	1	Pass
3MHz_High_16QAM_1@8	22.83	23.88	0.244	1	Pass
3MHz_High_16QAM_15@0	21.16	22.21	0.166	1	Pass
3MHz_High_16QAM_8@0	21.37	22.42	0.175	1	Pass
3MHz_High_16QAM_8@4	21.32	22.37	0.173	1	Pass
3MHz_High_16QAM_8@7	21.28	22.33	0.171	1	Pass
5MHz_Low_QPSK_1@0	23.52	24.57	0.286	1	Pass
5MHz_Low_QPSK_1@12	23.51	24.56	0.286	1	Pass
5MHz_Low_QPSK_1@24	23.52	24.57	0.286	1	Pass
5MHz_Low_QPSK_12@0	22.24	23.29	0.213	1	Pass
5MHz_Low_QPSK_12@13	22.37	23.42	0.220	1	Pass
5MHz_Low_QPSK_12@7	22.23	23.28	0.213	1	Pass
5MHz_Low_QPSK_25@0	22.21	23.26	0.212	1	Pass
5MHz_Low_16QAM_1@0	22.79	23.84	0.242	1	Pass
5MHz_Low_16QAM_1@12	22.87	23.92	0.247	1	Pass
5MHz_Low_16QAM_1@24	22.91	23.96	0.249	1	Pass
5MHz_Low_16QAM_12@0	21.35	22.40	0.174	1	Pass
5MHz_Low_16QAM_12@13	21.36	22.41	0.174	1	Pass
5MHz_Low_16QAM_12@7	21.34	22.39	0.173	1	Pass
5MHz_Low_16QAM_25@0	21.56	22.61	0.182	1	Pass
5MHz_Middle_QPSK_1@0	23.23	24.28	0.268	1	Pass
5MHz_Middle_QPSK_1@12	23.27	24.32	0.270	1	Pass
5MHz_Middle_QPSK_1@24	23.25	24.30	0.269	1	Pass
5MHz_Middle_QPSK_12@0	22.33	23.38	0.218	1	Pass
5MHz_Middle_QPSK_12@13	22.37	23.42	0.220	1	Pass
5MHz_Middle_QPSK_12@7	22.34	23.39	0.218	1	Pass
5MHz_Middle_QPSK_25@0	22.20	23.25	0.211	1	Pass
5MHz_Middle_16QAM_1@0	23.10	24.15	0.260	1	Pass
5MHz_Middle_16QAM_1@12	23.12	24.17	0.261	1	Pass
5MHz_Middle_16QAM_1@24	23.13	24.18	0.262	1	Pass
5MHz_Middle_16QAM_12@0	21.38	22.43	0.175	1	Pass
5MHz_Middle_16QAM_12@13	21.35	22.40	0.174	1	Pass
5MHz_Middle_16QAM_12@7	21.36	22.41	0.174	1	Pass
5MHz_Middle_16QAM_25@0	21.52	22.57	0.181	1	Pass
5MHz_High_QPSK_1@0	23.11	24.16	0.261	1	Pass
5MHz_High_QPSK_1@12	23.19	24.24	0.265	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_High_QPSK_1@24	23.11	24.16	0.261	1	Pass
5MHz_High_QPSK_12@0	22.05	23.10	0.204	1	Pass
5MHz_High_QPSK_12@13	22.05	23.10	0.204	1	Pass
5MHz_High_QPSK_12@7	22.03	23.08	0.203	1	Pass
5MHz_High_QPSK_25@0	22.09	23.14	0.206	1	Pass
5MHz_High_16QAM_1@0	22.39	23.44	0.221	1	Pass
5MHz_High_16QAM_1@12	22.14	23.19	0.208	1	Pass
5MHz_High_16QAM_1@24	22.20	23.25	0.211	1	Pass
5MHz_High_16QAM_12@0	21.13	22.18	0.165	1	Pass
5MHz_High_16QAM_12@13	21.12	22.17	0.165	1	Pass
5MHz_High_16QAM_12@7	21.11	22.16	0.164	1	Pass
5MHz_High_16QAM_25@0	21.37	22.42	0.175	1	Pass
10MHz_Low_QPSK_1@0	23.52	24.57	0.286	1	Pass
10MHz_Low_QPSK_1@25	23.53	24.58	0.287	1	Pass
10MHz_Low_QPSK_1@49	23.52	24.57	0.286	1	Pass
10MHz_Low_QPSK_25@0	22.38	23.43	0.220	1	Pass
10MHz_Low_QPSK_25@12	22.31	23.36	0.217	1	Pass
10MHz_Low_QPSK_25@25	22.32	23.37	0.217	1	Pass
10MHz_Low_QPSK_50@0	22.31	23.36	0.217	1	Pass
10MHz_Low_16QAM_1@0	23.06	24.11	0.258	1	Pass
10MHz_Low_16QAM_1@25	23.12	24.17	0.261	1	Pass
10MHz_Low_16QAM_1@49	23.13	24.18	0.262	1	Pass
10MHz_Low_16QAM_25@0	21.42	22.47	0.177	1	Pass
10MHz_Low_16QAM_25@12	21.51	22.56	0.180	1	Pass
10MHz_Low_16QAM_25@25	21.50	22.55	0.180	1	Pass
10MHz_Low_16QAM_50@0	21.48	22.53	0.179	1	Pass
10MHz_Middle_QPSK_1@0	23.41	24.46	0.279	1	Pass
10MHz_Middle_QPSK_1@25	23.37	24.42	0.277	1	Pass
10MHz_Middle_QPSK_1@49	23.41	24.46	0.279	1	Pass
10MHz_Middle_QPSK_25@0	22.37	23.42	0.220	1	Pass
10MHz_Middle_QPSK_25@12	22.36	23.41	0.219	1	Pass
10MHz_Middle_QPSK_25@25	22.31	23.36	0.217	1	Pass
10MHz_Middle_QPSK_50@0	22.17	23.22	0.210	1	Pass
10MHz_Middle_16QAM_1@0	22.97	24.02	0.252	1	Pass
10MHz_Middle_16QAM_1@25	22.96	24.01	0.252	1	Pass
10MHz_Middle_16QAM_1@49	22.98	24.03	0.253	1	Pass
10MHz_Middle_16QAM_25@0	21.45	22.50	0.178	1	Pass
10MHz_Middle_16QAM_25@12	21.48	22.53	0.179	1	Pass
10MHz_Middle_16QAM_25@25	21.44	22.49	0.177	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_Middle_16QAM_50@0	21.39	22.44	0.175	1	Pass
10MHz_High_QPSK_1@0	23.47	24.52	0.283	1	Pass
10MHz_High_QPSK_1@25	23.42	24.47	0.280	1	Pass
10MHz_High_QPSK_1@49	23.37	24.42	0.277	1	Pass
10MHz_High_QPSK_25@0	22.14	23.19	0.208	1	Pass
10MHz_High_QPSK_25@12	22.12	23.17	0.207	1	Pass
10MHz_High_QPSK_25@25	22.14	23.19	0.208	1	Pass
10MHz_High_QPSK_50@0	22.12	23.17	0.207	1	Pass
10MHz_High_16QAM_1@0	23.38	24.43	0.277	1	Pass
10MHz_High_16QAM_1@25	23.37	24.42	0.277	1	Pass
10MHz_High_16QAM_1@49	23.36	24.41	0.276	1	Pass
10MHz_High_16QAM_25@0	21.21	22.26	0.168	1	Pass
10MHz_High_16QAM_25@12	21.15	22.20	0.166	1	Pass
10MHz_High_16QAM_25@25	21.14	22.19	0.166	1	Pass
10MHz_High_16QAM_50@0	21.21	22.26	0.168	1	Pass
15MHz_Low_QPSK_1@0	23.55	24.60	0.288	1	Pass
15MHz_Low_QPSK_1@37	23.51	24.56	0.286	1	Pass
15MHz_Low_QPSK_1@74	23.56	24.61	0.289	1	Pass
15MHz_Low_QPSK_36@0	22.22	23.27	0.212	1	Pass
15MHz_Low_QPSK_36@20	22.32	23.37	0.217	1	Pass
15MHz_Low_QPSK_36@39	22.24	23.29	0.213	1	Pass
15MHz_Low_QPSK_75@0	22.33	23.38	0.218	1	Pass
15MHz_Low_16QAM_1@0	23.73	24.78	0.301	1	Pass
15MHz_Low_16QAM_1@37	23.73	24.78	0.301	1	Pass
15MHz_Low_16QAM_1@74	23.81	24.86	0.306	1	Pass
15MHz_Low_16QAM_36@0	21.42	22.47	0.177	1	Pass
15MHz_Low_16QAM_36@20	21.43	22.48	0.177	1	Pass
15MHz_Low_16QAM_36@39	21.40	22.45	0.176	1	Pass
15MHz_Low_16QAM_75@0	21.40	22.45	0.176	1	Pass
15MHz_Middle_QPSK_1@0	23.41	24.46	0.279	1	Pass
15MHz_Middle_QPSK_1@37	23.43	24.48	0.281	1	Pass
15MHz_Middle_QPSK_1@74	23.39	24.44	0.278	1	Pass
15MHz_Middle_QPSK_36@0	22.26	23.31	0.214	1	Pass
15MHz_Middle_QPSK_36@20	22.29	23.34	0.216	1	Pass
15MHz_Middle_QPSK_36@39	22.19	23.24	0.211	1	Pass
15MHz_Middle_QPSK_75@0	22.24	23.29	0.213	1	Pass
15MHz_Middle_16QAM_1@0	23.46	24.51	0.282	1	Pass
15MHz_Middle_16QAM_1@37	23.44	24.49	0.281	1	Pass
15MHz_Middle_16QAM_1@74	23.45	24.50	0.282	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
15MHz_Middle_16QAM_36@0	21.41	22.46	0.176	1	Pass
15MHz_Middle_16QAM_36@20	21.36	22.41	0.174	1	Pass
15MHz_Middle_16QAM_36@39	21.37	22.42	0.175	1	Pass
15MHz_Middle_16QAM_75@0	21.40	22.45	0.176	1	Pass
15MHz_High_QPSK_1@0	23.48	24.53	0.284	1	Pass
15MHz_High_QPSK_1@37	23.42	24.47	0.280	1	Pass
15MHz_High_QPSK_1@74	23.40	24.45	0.279	1	Pass
15MHz_High_QPSK_36@0	22.14	23.19	0.208	1	Pass
15MHz_High_QPSK_36@20	22.05	23.10	0.204	1	Pass
15MHz_High_QPSK_36@39	22.12	23.17	0.207	1	Pass
15MHz_High_QPSK_75@0	22.12	23.17	0.207	1	Pass
15MHz_High_16QAM_1@0	23.52	24.57	0.286	1	Pass
15MHz_High_16QAM_1@37	23.40	24.45	0.279	1	Pass
15MHz_High_16QAM_1@74	23.44	24.49	0.281	1	Pass
15MHz_High_16QAM_36@0	21.22	22.27	0.169	1	Pass
15MHz_High_16QAM_36@20	21.26	22.31	0.170	1	Pass
15MHz_High_16QAM_36@39	21.22	22.27	0.169	1	Pass
15MHz_High_16QAM_75@0	21.30	22.35	0.172	1	Pass
20MHz_Low_QPSK_1@0	23.43	24.48	0.281	1	Pass
20MHz_Low_QPSK_1@49	23.33	24.38	0.274	1	Pass
20MHz_Low_QPSK_1@99	23.41	24.46	0.279	1	Pass
20MHz_Low_QPSK_100@0	22.33	23.38	0.218	1	Pass
20MHz_Low_QPSK_50@0	22.42	23.47	0.222	1	Pass
20MHz_Low_QPSK_50@24	22.37	23.42	0.220	1	Pass
20MHz_Low_QPSK_50@50	22.29	23.34	0.216	1	Pass
20MHz_Low_16QAM_1@0	23.15	24.20	0.263	1	Pass
20MHz_Low_16QAM_1@49	23.12	24.17	0.261	1	Pass
20MHz_Low_16QAM_1@99	23.18	24.23	0.265	1	Pass
20MHz_Low_16QAM_100@0	21.32	22.37	0.173	1	Pass
20MHz_Low_16QAM_50@0	21.45	22.50	0.178	1	Pass
20MHz_Low_16QAM_50@24	21.42	22.47	0.177	1	Pass
20MHz_Low_16QAM_50@50	21.46	22.51	0.178	1	Pass
20MHz_Middle_QPSK_1@0	23.25	24.30	0.269	1	Pass
20MHz_Middle_QPSK_1@49	23.25	24.30	0.269	1	Pass
20MHz_Middle_QPSK_1@99	23.32	24.37	0.274	1	Pass
20MHz_Middle_QPSK_100@0	22.22	23.27	0.212	1	Pass
20MHz_Middle_QPSK_50@0	22.37	23.42	0.220	1	Pass
20MHz_Middle_QPSK_50@24	22.21	23.26	0.212	1	Pass
20MHz_Middle_QPSK_50@50	22.28	23.33	0.215	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
20MHz_Middle_16QAM_1@0	23.21	24.26	0.267	1	Pass
20MHz_Middle_16QAM_1@49	23.15	24.20	0.263	1	Pass
20MHz_Middle_16QAM_1@99	23.18	24.23	0.265	1	Pass
20MHz_Middle_16QAM_100@0	21.39	22.44	0.175	1	Pass
20MHz_Middle_16QAM_50@0	21.33	22.38	0.173	1	Pass
20MHz_Middle_16QAM_50@24	21.24	22.29	0.169	1	Pass
20MHz_Middle_16QAM_50@50	21.26	22.31	0.170	1	Pass
20MHz_High_QPSK_1@0	23.44	24.49	0.281	1	Pass
20MHz_High_QPSK_1@49	23.34	24.39	0.275	1	Pass
20MHz_High_QPSK_1@99	23.38	24.43	0.277	1	Pass
20MHz_High_QPSK_100@0	22.19	23.24	0.211	1	Pass
20MHz_High_QPSK_50@0	22.13	23.18	0.208	1	Pass
20MHz_High_QPSK_50@24	22.11	23.16	0.207	1	Pass
20MHz_High_QPSK_50@50	22.09	23.14	0.206	1	Pass
20MHz_High_16QAM_1@0	22.78	23.83	0.242	1	Pass
20MHz_High_16QAM_1@49	22.65	23.70	0.234	1	Pass
20MHz_High_16QAM_1@99	22.66	23.71	0.235	1	Pass
20MHz_High_16QAM_100@0	21.27	22.32	0.171	1	Pass
20MHz_High_16QAM_50@0	21.22	22.27	0.169	1	Pass
20MHz_High_16QAM_50@24	21.24	22.29	0.169	1	Pass
20MHz_High_16QAM_50@50	21.21	22.26	0.168	1	Pass

Note:

EIRP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBi)

1.Ant Gain = 1.05dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

FCC Part 27&IC RSS 199

B41_2, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_5MHz_Low_QPSK_1@0	22.18	21.56	0.143	2	Pass
2_5MHz_Low_QPSK_1@12	22.16	21.54	0.143	2	Pass
2_5MHz_Low_QPSK_1@24	22.18	21.56	0.143	2	Pass
2_5MHz_Low_QPSK_12@0	21.01	20.39	0.109	2	Pass
2_5MHz_Low_QPSK_12@13	20.92	20.30	0.107	2	Pass
2_5MHz_Low_QPSK_12@7	21.08	20.46	0.111	2	Pass
2_5MHz_Low_QPSK_25@0	20.97	20.35	0.108	2	Pass
2_5MHz_Low_16QAM_1@0	21.24	20.62	0.115	2	Pass
2_5MHz_Low_16QAM_1@12	21.22	20.60	0.115	2	Pass
2_5MHz_Low_16QAM_1@24	21.35	20.73	0.118	2	Pass
2_5MHz_Low_16QAM_12@0	19.94	19.32	0.086	2	Pass
2_5MHz_Low_16QAM_12@13	19.96	19.34	0.086	2	Pass
2_5MHz_Low_16QAM_12@7	19.84	19.22	0.084	2	Pass
2_5MHz_Low_16QAM_25@0	20.26	19.64	0.092	2	Pass
2_5MHz_Middle_QPSK_1@0	22.19	21.57	0.144	2	Pass
2_5MHz_Middle_QPSK_1@12	22.24	21.62	0.145	2	Pass
2_5MHz_Middle_QPSK_1@24	22.36	21.74	0.149	2	Pass
2_5MHz_Middle_QPSK_12@0	21.45	20.83	0.121	2	Pass
2_5MHz_Middle_QPSK_12@13	21.49	20.87	0.122	2	Pass
2_5MHz_Middle_QPSK_12@7	21.47	20.85	0.122	2	Pass
2_5MHz_Middle_QPSK_25@0	21.49	20.87	0.122	2	Pass
2_5MHz_Middle_16QAM_1@0	21.84	21.22	0.132	2	Pass
2_5MHz_Middle_16QAM_1@12	21.87	21.25	0.133	2	Pass
2_5MHz_Middle_16QAM_1@24	21.87	21.25	0.133	2	Pass
2_5MHz_Middle_16QAM_12@0	20.65	20.03	0.101	2	Pass
2_5MHz_Middle_16QAM_12@13	20.59	19.97	0.099	2	Pass
2_5MHz_Middle_16QAM_12@7	20.58	19.96	0.099	2	Pass
2_5MHz_Middle_16QAM_25@0	20.53	19.91	0.098	2	Pass
2_5MHz_High_QPSK_1@0	22.55	21.93	0.156	2	Pass
2_5MHz_High_QPSK_1@12	22.49	21.87	0.154	2	Pass
2_5MHz_High_QPSK_1@24	22.42	21.80	0.151	2	Pass
2_5MHz_High_QPSK_12@0	21.55	20.93	0.124	2	Pass
2_5MHz_High_QPSK_12@13	21.61	20.99	0.126	2	Pass
2_5MHz_High_QPSK_12@7	21.59	20.97	0.125	2	Pass
2_5MHz_High_QPSK_25@0	21.52	20.90	0.123	2	Pass
2_5MHz_High_16QAM_1@0	21.52	20.90	0.123	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_5MHz_High_16QAM_1@12	21.62	21.00	0.126	2	Pass
2_5MHz_High_16QAM_1@24	21.48	20.86	0.122	2	Pass
2_5MHz_High_16QAM_12@0	20.59	19.97	0.099	2	Pass
2_5MHz_High_16QAM_12@13	20.53	19.91	0.098	2	Pass
2_5MHz_High_16QAM_12@7	20.50	19.88	0.097	2	Pass
2_5MHz_High_16QAM_25@0	20.57	19.95	0.099	2	Pass
2_10MHz_Low_QPSK_1@0	22	21.38	0.137	2	Pass
2_10MHz_Low_QPSK_1@25	21.99	21.37	0.137	2	Pass
2_10MHz_Low_QPSK_1@49	21.86	21.24	0.133	2	Pass
2_10MHz_Low_QPSK_25@0	20.90	20.28	0.107	2	Pass
2_10MHz_Low_QPSK_25@12	21	20.38	0.109	2	Pass
2_10MHz_Low_QPSK_25@25	20.95	20.33	0.108	2	Pass
2_10MHz_Low_QPSK_50@0	21.01	20.39	0.109	2	Pass
2_10MHz_Low_16QAM_1@0	22.05	21.43	0.139	2	Pass
2_10MHz_Low_16QAM_1@25	22.06	21.44	0.139	2	Pass
2_10MHz_Low_16QAM_1@49	22.41	21.79	0.151	2	Pass
2_10MHz_Low_16QAM_25@0	20.04	19.42	0.087	2	Pass
2_10MHz_Low_16QAM_25@12	20.02	19.40	0.087	2	Pass
2_10MHz_Low_16QAM_25@25	20.03	19.41	0.087	2	Pass
2_10MHz_Low_16QAM_50@0	20.06	19.44	0.088	2	Pass
2_10MHz_Middle_QPSK_1@0	22.45	21.83	0.152	2	Pass
2_10MHz_Middle_QPSK_1@25	22.46	21.84	0.153	2	Pass
2_10MHz_Middle_QPSK_1@49	22.46	21.84	0.153	2	Pass
2_10MHz_Middle_QPSK_25@0	21.45	20.83	0.121	2	Pass
2_10MHz_Middle_QPSK_25@12	21.59	20.97	0.125	2	Pass
2_10MHz_Middle_QPSK_25@25	21.59	20.97	0.125	2	Pass
2_10MHz_Middle_QPSK_50@0	21.64	21.02	0.126	2	Pass
2_10MHz_Middle_16QAM_1@0	22.14	21.52	0.142	2	Pass
2_10MHz_Middle_16QAM_1@25	22.11	21.49	0.141	2	Pass
2_10MHz_Middle_16QAM_1@49	22.25	21.63	0.146	2	Pass
2_10MHz_Middle_16QAM_25@0	20.43	19.81	0.096	2	Pass
2_10MHz_Middle_16QAM_25@12	20.48	19.86	0.097	2	Pass
2_10MHz_Middle_16QAM_25@25	20.38	19.76	0.095	2	Pass
2_10MHz_Middle_16QAM_50@0	20.62	20.00	0.100	2	Pass
2_10MHz_High_QPSK_1@0	22.80	22.18	0.165	2	Pass
2_10MHz_High_QPSK_1@25	22.70	22.08	0.161	2	Pass
2_10MHz_High_QPSK_1@49	22.69	22.07	0.161	2	Pass
2_10MHz_High_QPSK_25@0	21.74	21.12	0.129	2	Pass
2_10MHz_High_QPSK_25@12	21.71	21.09	0.129	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_10MHz_High_QPSK_25@25	21.72	21.10	0.129	2	Pass
2_10MHz_High_QPSK_50@0	21.72	21.10	0.129	2	Pass
2_10MHz_High_16QAM_1@0	22.13	21.51	0.142	2	Pass
2_10MHz_High_16QAM_1@25	22.09	21.47	0.140	2	Pass
2_10MHz_High_16QAM_1@49	22.05	21.43	0.139	2	Pass
2_10MHz_High_16QAM_25@0	20.71	20.09	0.102	2	Pass
2_10MHz_High_16QAM_25@12	20.69	20.07	0.102	2	Pass
2_10MHz_High_16QAM_25@25	20.66	20.04	0.101	2	Pass
2_10MHz_High_16QAM_50@0	20.72	20.10	0.102	2	Pass
2_15MHz_Low_QPSK_1@0	21.96	21.34	0.136	2	Pass
2_15MHz_Low_QPSK_1@37	21.87	21.25	0.133	2	Pass
2_15MHz_Low_QPSK_1@74	21.96	21.34	0.136	2	Pass
2_15MHz_Low_QPSK_36@0	21.07	20.45	0.111	2	Pass
2_15MHz_Low_QPSK_36@20	20.99	20.37	0.109	2	Pass
2_15MHz_Low_QPSK_36@39	20.97	20.35	0.108	2	Pass
2_15MHz_Low_QPSK_75@0	21.02	20.40	0.110	2	Pass
2_15MHz_Low_16QAM_1@0	21.83	21.21	0.132	2	Pass
2_15MHz_Low_16QAM_1@37	21.79	21.17	0.131	2	Pass
2_15MHz_Low_16QAM_1@74	21.86	21.24	0.133	2	Pass
2_15MHz_Low_16QAM_36@0	19.95	19.33	0.086	2	Pass
2_15MHz_Low_16QAM_36@20	20.05	19.43	0.088	2	Pass
2_15MHz_Low_16QAM_36@39	20.02	19.40	0.087	2	Pass
2_15MHz_Low_16QAM_75@0	20.17	19.55	0.090	2	Pass
2_15MHz_Middle_QPSK_1@0	22.42	21.80	0.151	2	Pass
2_15MHz_Middle_QPSK_1@37	22.37	21.75	0.150	2	Pass
2_15MHz_Middle_QPSK_1@74	22.55	21.93	0.156	2	Pass
2_15MHz_Middle_QPSK_36@0	21.50	20.88	0.122	2	Pass
2_15MHz_Middle_QPSK_36@20	21.45	20.83	0.121	2	Pass
2_15MHz_Middle_QPSK_36@39	21.53	20.91	0.123	2	Pass
2_15MHz_Middle_QPSK_75@0	21.48	20.86	0.122	2	Pass
2_15MHz_Middle_16QAM_1@0	22.17	21.55	0.143	2	Pass
2_15MHz_Middle_16QAM_1@37	22.18	21.56	0.143	2	Pass
2_15MHz_Middle_16QAM_1@74	22.41	21.79	0.151	2	Pass
2_15MHz_Middle_16QAM_36@0	20.56	19.94	0.099	2	Pass
2_15MHz_Middle_16QAM_36@20	20.58	19.96	0.099	2	Pass
2_15MHz_Middle_16QAM_36@39	20.60	19.98	0.100	2	Pass
2_15MHz_Middle_16QAM_75@0	20.48	19.86	0.097	2	Pass
2_15MHz_High_QPSK_1@0	22.96	22.34	0.171	2	Pass
2_15MHz_High_QPSK_1@37	22.89	22.27	0.169	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_15MHz_High_QPSK_1@74	22.95	22.33	0.171	2	Pass
2_15MHz_High_QPSK_36@0	21.71	21.09	0.129	2	Pass
2_15MHz_High_QPSK_36@20	21.69	21.07	0.128	2	Pass
2_15MHz_High_QPSK_36@39	21.69	21.07	0.128	2	Pass
2_15MHz_High_QPSK_75@0	21.69	21.07	0.128	2	Pass
2_15MHz_High_16QAM_1@0	22.29	21.67	0.147	2	Pass
2_15MHz_High_16QAM_1@37	22.29	21.67	0.147	2	Pass
2_15MHz_High_16QAM_1@74	22.28	21.66	0.147	2	Pass
2_15MHz_High_16QAM_36@0	20.51	19.89	0.097	2	Pass
2_15MHz_High_16QAM_36@20	20.49	19.87	0.097	2	Pass
2_15MHz_High_16QAM_36@39	20.44	19.82	0.096	2	Pass
2_15MHz_High_16QAM_75@0	20.81	20.19	0.104	2	Pass
2_20MHz_Low_QPSK_1@0	22.12	21.50	0.141	2	Pass
2_20MHz_Low_QPSK_1@49	22.08	21.46	0.140	2	Pass
2_20MHz_Low_QPSK_1@99	22.27	21.65	0.146	2	Pass
2_20MHz_Low_QPSK_100@0	21.05	20.43	0.110	2	Pass
2_20MHz_Low_QPSK_50@0	21.01	20.39	0.109	2	Pass
2_20MHz_Low_QPSK_50@24	21	20.38	0.109	2	Pass
2_20MHz_Low_QPSK_50@50	21.17	20.55	0.114	2	Pass
2_20MHz_Low_16QAM_1@0	21.11	20.49	0.112	2	Pass
2_20MHz_Low_16QAM_1@49	20.69	20.07	0.102	2	Pass
2_20MHz_Low_16QAM_1@99	21.11	20.49	0.112	2	Pass
2_20MHz_Low_16QAM_100@0	20.04	19.42	0.087	2	Pass
2_20MHz_Low_16QAM_50@0	20.15	19.53	0.090	2	Pass
2_20MHz_Low_16QAM_50@24	20.19	19.57	0.091	2	Pass
2_20MHz_Low_16QAM_50@50	20.15	19.53	0.090	2	Pass
2_20MHz_Middle_QPSK_1@0	22.57	21.95	0.157	2	Pass
2_20MHz_Middle_QPSK_1@49	22.65	22.03	0.160	2	Pass
2_20MHz_Middle_QPSK_1@99	22.81	22.19	0.166	2	Pass
2_20MHz_Middle_QPSK_100@0	21.56	20.94	0.124	2	Pass
2_20MHz_Middle_QPSK_50@0	21.52	20.90	0.123	2	Pass
2_20MHz_Middle_QPSK_50@24	21.53	20.91	0.123	2	Pass
2_20MHz_Middle_QPSK_50@50	21.63	21.01	0.126	2	Pass
2_20MHz_Middle_16QAM_1@0	21.71	21.09	0.129	2	Pass
2_20MHz_Middle_16QAM_1@49	21.75	21.13	0.130	2	Pass
2_20MHz_Middle_16QAM_1@99	21.89	21.27	0.134	2	Pass
2_20MHz_Middle_16QAM_100@0	20.58	19.96	0.099	2	Pass
2_20MHz_Middle_16QAM_50@0	20.64	20.02	0.100	2	Pass
2_20MHz_Middle_16QAM_50@24	20.64	20.02	0.100	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_20MHz_Middle_16QAM_50@50	20.71	20.09	0.102	2	Pass
2_20MHz_High_QPSK_1@0	22.96	22.34	0.171	2	Pass
2_20MHz_High_QPSK_1@49	22.86	22.24	0.167	2	Pass
2_20MHz_High_QPSK_1@99	22.80	22.18	0.165	2	Pass
2_20MHz_High_QPSK_100@0	21.75	21.13	0.130	2	Pass
2_20MHz_High_QPSK_50@0	21.64	21.02	0.126	2	Pass
2_20MHz_High_QPSK_50@24	21.59	20.97	0.125	2	Pass
2_20MHz_High_QPSK_50@50	21.71	21.09	0.129	2	Pass
2_20MHz_High_16QAM_1@0	21.86	21.24	0.133	2	Pass
2_20MHz_High_16QAM_1@49	21.84	21.22	0.132	2	Pass
2_20MHz_High_16QAM_1@99	21.75	21.13	0.130	2	Pass
2_20MHz_High_16QAM_100@0	20.80	20.18	0.104	2	Pass
2_20MHz_High_16QAM_50@0	20.69	20.07	0.102	2	Pass
2_20MHz_High_16QAM_50@24	20.67	20.05	0.101	2	Pass
2_20MHz_High_16QAM_50@50	20.66	20.04	0.101	2	Pass

Note:

EIRP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBi)

1.Ant Gain = -0.62dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

FCC Part 27&IC RSS 130

B71, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_Low_QPSK_1@0	23.72	20.41	0.110	3	Pass
5MHz_Low_QPSK_1@12	23.80	20.49	0.112	3	Pass
5MHz_Low_QPSK_1@24	23.79	20.48	0.112	3	Pass
5MHz_Low_QPSK_12@0	22.82	19.51	0.089	3	Pass
5MHz_Low_QPSK_12@13	22.66	19.35	0.086	3	Pass
5MHz_Low_QPSK_12@7	22.61	19.30	0.085	3	Pass
5MHz_Low_QPSK_25@0	22.69	19.38	0.087	3	Pass
5MHz_Low_16QAM_1@0	23.12	19.81	0.096	3	Pass
5MHz_Low_16QAM_1@12	23.16	19.85	0.097	3	Pass
5MHz_Low_16QAM_1@24	23.08	19.77	0.095	3	Pass
5MHz_Low_16QAM_12@0	21.72	18.41	0.069	3	Pass
5MHz_Low_16QAM_12@13	21.66	18.35	0.068	3	Pass
5MHz_Low_16QAM_12@7	21.75	18.44	0.070	3	Pass
5MHz_Low_16QAM_25@0	21.88	18.57	0.072	3	Pass
5MHz_Middle_QPSK_1@0	23.32	20.01	0.100	3	Pass
5MHz_Middle_QPSK_1@12	23.31	20.00	0.100	3	Pass
5MHz_Middle_QPSK_1@24	23.42	20.11	0.103	3	Pass
5MHz_Middle_QPSK_12@0	22.59	19.28	0.085	3	Pass
5MHz_Middle_QPSK_12@13	22.60	19.29	0.085	3	Pass
5MHz_Middle_QPSK_12@7	22.68	19.37	0.086	3	Pass
5MHz_Middle_QPSK_25@0	22.74	19.43	0.088	3	Pass
5MHz_Middle_16QAM_1@0	22.85	19.54	0.090	3	Pass
5MHz_Middle_16QAM_1@12	22.85	19.54	0.090	3	Pass
5MHz_Middle_16QAM_1@24	22.84	19.53	0.090	3	Pass
5MHz_Middle_16QAM_12@0	21.61	18.30	0.068	3	Pass
5MHz_Middle_16QAM_12@13	21.66	18.35	0.068	3	Pass
5MHz_Middle_16QAM_12@7	21.61	18.30	0.068	3	Pass
5MHz_Middle_16QAM_25@0	21.65	18.34	0.068	3	Pass
5MHz_High_QPSK_1@0	23.54	20.23	0.105	3	Pass
5MHz_High_QPSK_1@12	23.29	19.98	0.100	3	Pass
5MHz_High_QPSK_1@24	23.35	20.04	0.101	3	Pass
5MHz_High_QPSK_12@0	22.52	19.21	0.083	3	Pass
5MHz_High_QPSK_12@13	22.55	19.24	0.084	3	Pass
5MHz_High_QPSK_12@7	22.41	19.10	0.081	3	Pass
5MHz_High_QPSK_25@0	22.50	19.19	0.083	3	Pass
5MHz_High_16QAM_1@0	22.69	19.38	0.087	3	Pass
5MHz_High_16QAM_1@12	22.68	19.37	0.086	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_High_16QAM_1@24	22.83	19.52	0.090	3	Pass
5MHz_High_16QAM_12@0	21.54	18.23	0.067	3	Pass
5MHz_High_16QAM_12@13	21.88	18.57	0.072	3	Pass
5MHz_High_16QAM_12@7	21.92	18.61	0.073	3	Pass
5MHz_High_16QAM_25@0	21.99	18.68	0.074	3	Pass
10MHz_Low_QPSK_1@0	23.63	20.32	0.108	3	Pass
10MHz_Low_QPSK_1@25	23.70	20.39	0.109	3	Pass
10MHz_Low_QPSK_1@49	23.76	20.45	0.111	3	Pass
10MHz_Low_QPSK_25@0	22.52	19.21	0.083	3	Pass
10MHz_Low_QPSK_25@12	22.54	19.23	0.084	3	Pass
10MHz_Low_QPSK_25@25	22.77	19.46	0.088	3	Pass
10MHz_Low_QPSK_50@0	22.59	19.28	0.085	3	Pass
10MHz_Low_16QAM_1@0	24.12	20.81	0.121	3	Pass
10MHz_Low_16QAM_1@25	23.95	20.64	0.116	3	Pass
10MHz_Low_16QAM_1@49	24.26	20.95	0.124	3	Pass
10MHz_Low_16QAM_25@0	21.70	18.39	0.069	3	Pass
10MHz_Low_16QAM_25@12	22.02	18.71	0.074	3	Pass
10MHz_Low_16QAM_25@25	21.84	18.53	0.071	3	Pass
10MHz_Low_16QAM_50@0	21.94	18.63	0.073	3	Pass
10MHz_Middle_QPSK_1@0	23.51	20.20	0.105	3	Pass
10MHz_Middle_QPSK_1@25	23.53	20.22	0.105	3	Pass
10MHz_Middle_QPSK_1@49	23.56	20.25	0.106	3	Pass
10MHz_Middle_QPSK_25@0	22.40	19.09	0.081	3	Pass
10MHz_Middle_QPSK_25@12	22.59	19.28	0.085	3	Pass
10MHz_Middle_QPSK_25@25	22.66	19.35	0.086	3	Pass
10MHz_Middle_QPSK_50@0	22.57	19.26	0.084	3	Pass
10MHz_Middle_16QAM_1@0	22.93	19.62	0.092	3	Pass
10MHz_Middle_16QAM_1@25	23.20	19.89	0.097	3	Pass
10MHz_Middle_16QAM_1@49	23.28	19.97	0.099	3	Pass
10MHz_Middle_16QAM_25@0	21.98	18.67	0.074	3	Pass
10MHz_Middle_16QAM_25@12	21.76	18.45	0.070	3	Pass
10MHz_Middle_16QAM_25@25	21.83	18.52	0.071	3	Pass
10MHz_Middle_16QAM_50@0	21.63	18.32	0.068	3	Pass
10MHz_High_QPSK_1@0	23.65	20.34	0.108	3	Pass
10MHz_High_QPSK_1@25	23.53	20.22	0.105	3	Pass
10MHz_High_QPSK_1@49	23.70	20.39	0.109	3	Pass
10MHz_High_QPSK_25@0	22.52	19.21	0.083	3	Pass
10MHz_High_QPSK_25@12	22.63	19.32	0.086	3	Pass
10MHz_High_QPSK_25@25	22.58	19.27	0.085	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_High_QPSK_50@0	22.59	19.28	0.085	3	Pass
10MHz_High_16QAM_1@0	23.11	19.80	0.095	3	Pass
10MHz_High_16QAM_1@25	23.07	19.76	0.095	3	Pass
10MHz_High_16QAM_1@49	23.20	19.89	0.097	3	Pass
10MHz_High_16QAM_25@0	21.83	18.52	0.071	3	Pass
10MHz_High_16QAM_25@12	22.12	18.81	0.076	3	Pass
10MHz_High_16QAM_25@25	22.10	18.79	0.076	3	Pass
10MHz_High_16QAM_50@0	21.95	18.64	0.073	3	Pass
15MHz_Low_QPSK_1@0	23.65	20.34	0.108	3	Pass
15MHz_Low_QPSK_1@37	23.64	20.33	0.108	3	Pass
15MHz_Low_QPSK_1@74	23.71	20.40	0.110	3	Pass
15MHz_Low_QPSK_36@0	22.51	19.20	0.083	3	Pass
15MHz_Low_QPSK_36@20	22.61	19.30	0.085	3	Pass
15MHz_Low_QPSK_36@39	22.70	19.39	0.087	3	Pass
15MHz_Low_QPSK_75@0	22.66	19.35	0.086	3	Pass
15MHz_Low_16QAM_1@0	23.98	20.67	0.117	3	Pass
15MHz_Low_16QAM_1@37	24.06	20.75	0.119	3	Pass
15MHz_Low_16QAM_1@74	23.80	20.49	0.112	3	Pass
15MHz_Low_16QAM_36@0	21.93	18.62	0.073	3	Pass
15MHz_Low_16QAM_36@20	21.65	18.34	0.068	3	Pass
15MHz_Low_16QAM_36@39	21.66	18.35	0.068	3	Pass
15MHz_Low_16QAM_75@0	21.60	18.29	0.067	3	Pass
15MHz_Middle_QPSK_1@0	23.63	20.32	0.108	3	Pass
15MHz_Middle_QPSK_1@37	23.76	20.45	0.111	3	Pass
15MHz_Middle_QPSK_1@74	23.70	20.39	0.109	3	Pass
15MHz_Middle_QPSK_36@0	22.55	19.24	0.084	3	Pass
15MHz_Middle_QPSK_36@20	22.76	19.45	0.088	3	Pass
15MHz_Middle_QPSK_36@39	22.68	19.37	0.086	3	Pass
15MHz_Middle_QPSK_75@0	22.69	19.38	0.087	3	Pass
15MHz_Middle_16QAM_1@0	23.68	20.37	0.109	3	Pass
15MHz_Middle_16QAM_1@37	23.65	20.34	0.108	3	Pass
15MHz_Middle_16QAM_1@74	23.62	20.31	0.107	3	Pass
15MHz_Middle_16QAM_36@0	21.81	18.50	0.071	3	Pass
15MHz_Middle_16QAM_36@20	21.62	18.31	0.068	3	Pass
15MHz_Middle_16QAM_36@39	21.86	18.55	0.072	3	Pass
15MHz_Middle_16QAM_75@0	21.62	18.31	0.068	3	Pass
15MHz_High_QPSK_1@0	23.72	20.41	0.110	3	Pass
15MHz_High_QPSK_1@37	23.63	20.32	0.108	3	Pass
15MHz_High_QPSK_1@74	23.72	20.41	0.110	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
15MHz_High_QPSK_36@0	22.45	19.14	0.082	3	Pass
15MHz_High_QPSK_36@20	22.49	19.18	0.083	3	Pass
15MHz_High_QPSK_36@39	22.58	19.27	0.085	3	Pass
15MHz_High_QPSK_75@0	22.51	19.20	0.083	3	Pass
15MHz_High_16QAM_1@0	23.54	20.23	0.105	3	Pass
15MHz_High_16QAM_1@37	23.42	20.11	0.103	3	Pass
15MHz_High_16QAM_1@74	23.54	20.23	0.105	3	Pass
15MHz_High_16QAM_36@0	21.93	18.62	0.073	3	Pass
15MHz_High_16QAM_36@20	21.57	18.26	0.067	3	Pass
15MHz_High_16QAM_36@39	21.48	18.17	0.066	3	Pass
15MHz_High_16QAM_75@0	21.50	18.19	0.066	3	Pass
20MHz_Low_QPSK_1@0	23.65	20.34	0.108	3	Pass
20MHz_Low_QPSK_1@49	23.55	20.24	0.106	3	Pass
20MHz_Low_QPSK_1@99	23.73	20.42	0.110	3	Pass
20MHz_Low_QPSK_100@0	22.92	19.61	0.091	3	Pass
20MHz_Low_QPSK_50@0	22.45	19.14	0.082	3	Pass
20MHz_Low_QPSK_50@24	22.95	19.64	0.092	3	Pass
20MHz_Low_QPSK_50@50	22.64	19.33	0.086	3	Pass
20MHz_Low_16QAM_1@0	23.59	20.28	0.107	3	Pass
20MHz_Low_16QAM_1@49	23.84	20.53	0.113	3	Pass
20MHz_Low_16QAM_1@99	23.64	20.33	0.108	3	Pass
20MHz_Low_16QAM_100@0	21.82	18.51	0.071	3	Pass
20MHz_Low_16QAM_50@0	22.03	18.72	0.074	3	Pass
20MHz_Low_16QAM_50@24	21.94	18.63	0.073	3	Pass
20MHz_Low_16QAM_50@50	21.93	18.62	0.073	3	Pass
20MHz_Middle_QPSK_1@0	23.70	20.39	0.109	3	Pass
20MHz_Middle_QPSK_1@49	23.78	20.47	0.111	3	Pass
20MHz_Middle_QPSK_1@99	23.70	20.39	0.109	3	Pass
20MHz_Middle_QPSK_100@0	22.60	19.29	0.085	3	Pass
20MHz_Middle_QPSK_50@0	22.72	19.41	0.087	3	Pass
20MHz_Middle_QPSK_50@24	22.74	19.43	0.088	3	Pass
20MHz_Middle_QPSK_50@50	22.70	19.39	0.087	3	Pass
20MHz_Middle_16QAM_1@0	23.34	20.03	0.101	3	Pass
20MHz_Middle_16QAM_1@49	23.08	19.77	0.095	3	Pass
20MHz_Middle_16QAM_1@99	23.07	19.76	0.095	3	Pass
20MHz_Middle_16QAM_100@0	21.59	18.28	0.067	3	Pass
20MHz_Middle_16QAM_50@0	21.90	18.59	0.072	3	Pass
20MHz_Middle_16QAM_50@24	21.75	18.44	0.070	3	Pass
20MHz_Middle_16QAM_50@50	21.91	18.60	0.072	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
20MHz_High_QPSK_1@0	23.61	20.30	0.107	3	Pass
20MHz_High_QPSK_1@49	23.57	20.26	0.106	3	Pass
20MHz_High_QPSK_1@99	23.64	20.33	0.108	3	Pass
20MHz_High_QPSK_100@0	22.77	19.46	0.088	3	Pass
20MHz_High_QPSK_50@0	22.83	19.52	0.090	3	Pass
20MHz_High_QPSK_50@24	22.70	19.39	0.087	3	Pass
20MHz_High_QPSK_50@50	22.63	19.32	0.086	3	Pass
20MHz_High_16QAM_1@0	23.52	20.21	0.105	3	Pass
20MHz_High_16QAM_1@49	23.50	20.19	0.104	3	Pass
20MHz_High_16QAM_1@99	23.52	20.21	0.105	3	Pass
20MHz_High_16QAM_100@0	21.90	18.59	0.072	3	Pass
20MHz_High_16QAM_50@0	21.96	18.65	0.073	3	Pass
20MHz_High_16QAM_50@24	21.97	18.66	0.073	3	Pass
20MHz_High_16QAM_50@50	21.98	18.67	0.074	3	Pass

Note:

ERP = Average Conducted Power(dBm) - L_c(dB) + G_T(dBd)

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -1.06dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0.1dB

Peak-to-average Ratio(PAR)

FCC Part 22H&IC RSS 132

B5, Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.61	13
10MHz_Low_QPSK_50@0	5.45	13
10MHz_Low_16QAM_1@0	5.33	13
10MHz_Low_16QAM_50@0	6.26	13
10MHz_Middle_QPSK_1@0	4.93	13
10MHz_Middle_QPSK_50@0	5.39	13
10MHz_Middle_16QAM_1@0	5.42	13
10MHz_Middle_16QAM_50@0	6.35	13
10MHz_High_QPSK_1@0	4.84	13
10MHz_High_QPSK_50@0	5.30	13
10MHz_High_16QAM_1@0	5.36	13
10MHz_High_16QAM_50@0	6.35	13

FCC Part 24E&IC RSS 133

B2, Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.23	13
10MHz_Low_QPSK_50@0	4.99	13
10MHz_Low_16QAM_1@0	4.06	13
10MHz_Low_16QAM_50@0	6.06	13
10MHz_Middle_QPSK_1@0	3.65	13
10MHz_Middle_QPSK_50@0	4.64	13
10MHz_Middle_16QAM_1@0	3.97	13
10MHz_Middle_16QAM_50@0	5.65	13
10MHz_High_QPSK_1@0	3.80	13
10MHz_High_QPSK_50@0	4.84	13
10MHz_High_16QAM_1@0	3.80	13
10MHz_High_16QAM_50@0	5.71	13

FCC Part 27&IC RSS 139

B4, Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.46	13
10MHz_Low_QPSK_50@0	4.99	13
10MHz_Low_16QAM_1@0	5.19	13
10MHz_Low_16QAM_50@0	5.94	13
10MHz_Middle_QPSK_1@0	4.55	13
10MHz_Middle_QPSK_50@0	5.07	13
10MHz_Middle_16QAM_1@0	4.87	13
10MHz_Middle_16QAM_50@0	5.91	13
10MHz_High_QPSK_1@0	4.55	13
10MHz_High_QPSK_50@0	5.10	13
10MHz_High_16QAM_1@0	4.43	13
10MHz_High_16QAM_50@0	6	13

FCC Part 27&IC RSS 199

B7, Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	3.83	13
10MHz_Low_QPSK_50@0	4.64	13
10MHz_Low_16QAM_1@0	4.12	13
10MHz_Low_16QAM_50@0	5.57	13
10MHz_Middle_QPSK_1@0	4.41	13
10MHz_Middle_QPSK_50@0	4.99	13
10MHz_Middle_16QAM_1@0	4.55	13
10MHz_Middle_16QAM_50@0	5.86	13
10MHz_High_QPSK_1@0	4.17	13
10MHz_High_QPSK_50@0	4.84	13
10MHz_High_16QAM_1@0	4	13
10MHz_High_16QAM_50@0	5.71	13

FCC Part 27&IC RSS 130

B12, Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.01	13
10MHz_Low_QPSK_50@0	5.36	13
10MHz_Low_16QAM_1@0	5.68	13
10MHz_Low_16QAM_50@0	6.12	13
10MHz_Middle_QPSK_1@0	5.28	13
10MHz_Middle_QPSK_50@0	5.13	13
10MHz_Middle_16QAM_1@0	5.36	13
10MHz_Middle_16QAM_50@0	6.20	13
10MHz_High_QPSK_1@0	4.72	13
10MHz_High_QPSK_50@0	5.07	13
10MHz_High_16QAM_1@0	4.72	13
10MHz_High_16QAM_50@0	6	13

FCC Part 27&IC RSS 130

B17, Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.13	13
10MHz_Low_QPSK_50@0	5.13	13
10MHz_Low_16QAM_1@0	4.93	13
10MHz_Low_16QAM_50@0	6.12	13
10MHz_Middle_QPSK_1@0	4.93	13
10MHz_Middle_QPSK_50@0	5.22	13
10MHz_Middle_16QAM_1@0	5.04	13
10MHz_Middle_16QAM_50@0	6.12	13
10MHz_High_QPSK_1@0	4.84	13
10MHz_High_QPSK_50@0	5.07	13
10MHz_High_16QAM_1@0	4.99	13
10MHz_High_16QAM_50@0	6.06	13

FCC Part 27&IC RSS 139

B66, Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.14	13
10MHz_Low_QPSK_50@0	5.13	13
10MHz_Low_16QAM_1@0	4.46	13
10MHz_Low_16QAM_50@0	6.09	13
10MHz_Middle_QPSK_1@0	4.32	13
10MHz_Middle_QPSK_50@0	5.16	13
10MHz_Middle_16QAM_1@0	4.61	13
10MHz_Middle_16QAM_50@0	6.20	13
10MHz_High_QPSK_1@0	4.14	13
10MHz_High_QPSK_50@0	5.19	13
10MHz_High_16QAM_1@0	4.29	13
10MHz_High_16QAM_50@0	6.06	13

FCC Part 27&IC RSS 199

B41_2, Normal

Mode	Value (dB)	Limit (dB)
2_10MHz_Low_QPSK_1@0	4.09	13
2_10MHz_Low_QPSK_50@0	4.75	13
2_10MHz_Low_16QAM_1@0	5.16	13
2_10MHz_Low_16QAM_50@0	5.77	13
2_10MHz_Middle_QPSK_1@0	4.46	13
2_10MHz_Middle_QPSK_50@0	5.04	13
2_10MHz_Middle_16QAM_1@0	4.64	13
2_10MHz_Middle_16QAM_50@0	5.94	13
2_10MHz_High_QPSK_1@0	4.12	13
2_10MHz_High_QPSK_50@0	4.90	13
2_10MHz_High_16QAM_1@0	4.58	13
2_10MHz_High_16QAM_50@0	5.83	13

FCC Part 27&IC RSS 130

B71, Normal

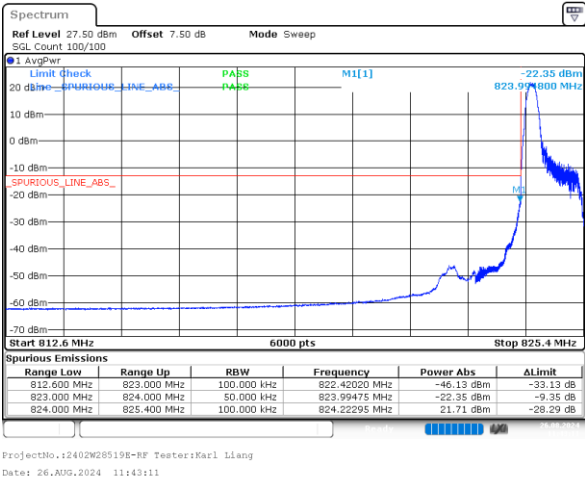
Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.67	13
10MHz_Low_QPSK_50@0	5.45	13
10MHz_Low_16QAM_1@0	4.67	13
10MHz_Low_16QAM_50@0	6.20	13
10MHz_Middle_QPSK_1@0	8.49	13
10MHz_Middle_QPSK_50@0	4.84	13
10MHz_Middle_16QAM_1@0	4.78	13
10MHz_Middle_16QAM_50@0	5.83	13
10MHz_High_QPSK_1@0	5.19	13
10MHz_High_QPSK_50@0	5.33	13
10MHz_High_16QAM_1@0	5.16	13
10MHz_High_16QAM_50@0	6.09	13

Out of band emission,Band Edge

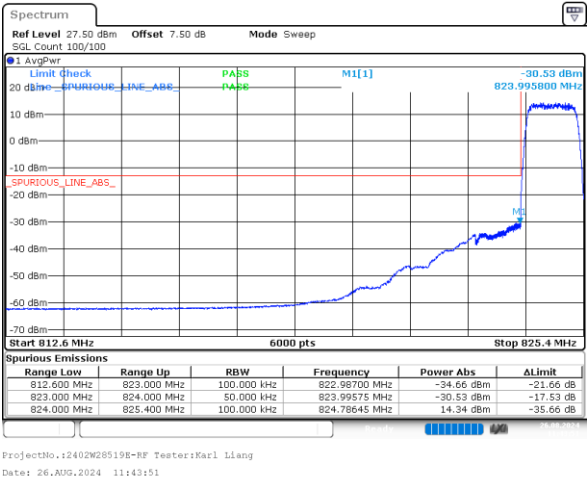
FCC Part 22H&IC RSS 132

B5, Normal

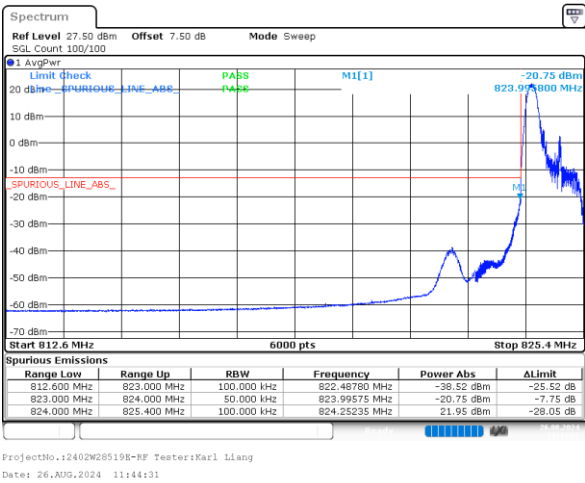
1.4MHz_Low_QPSK_1@0



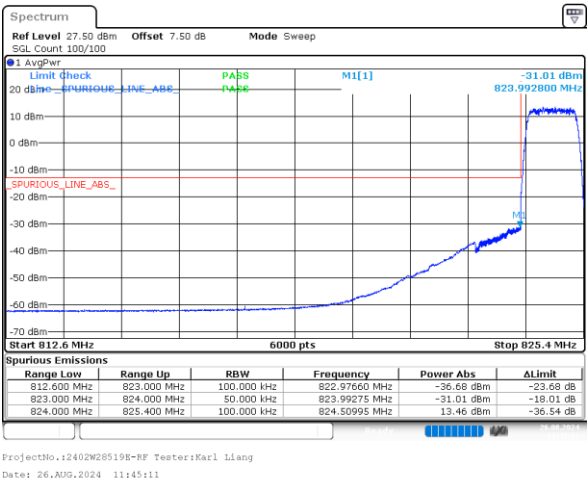
1.4MHz_Low_QPSK_6@0



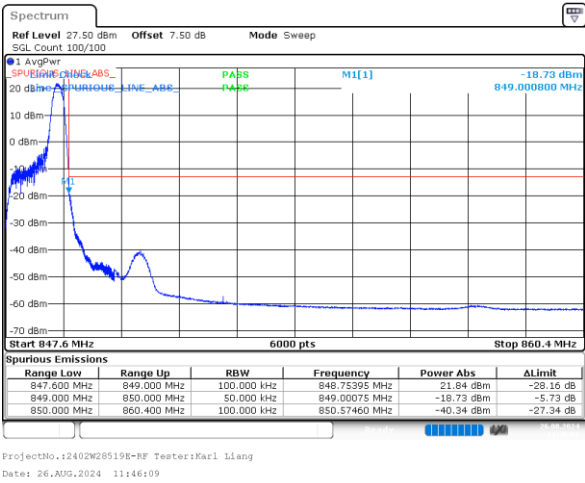
1.4MHz_Low_16QAM_1@0



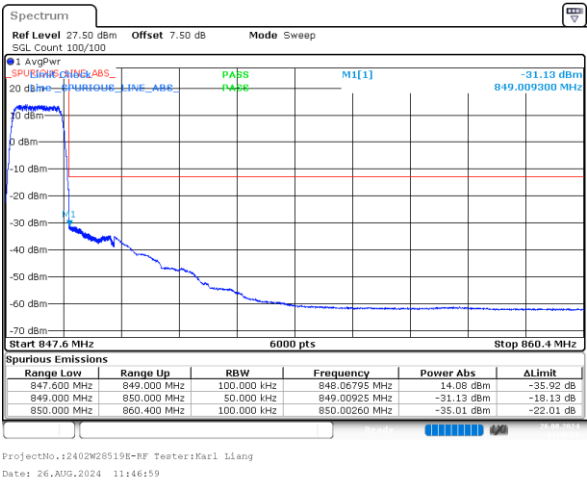
1.4MHz_Low_16QAM_6@0



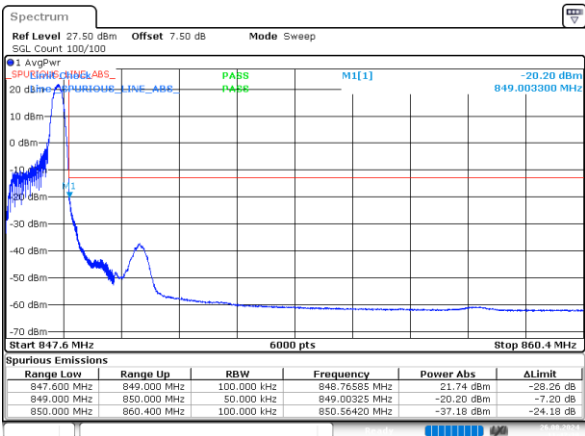
1.4MHz_High_QPSK_1@5



1.4MHz_High_QPSK_6@0

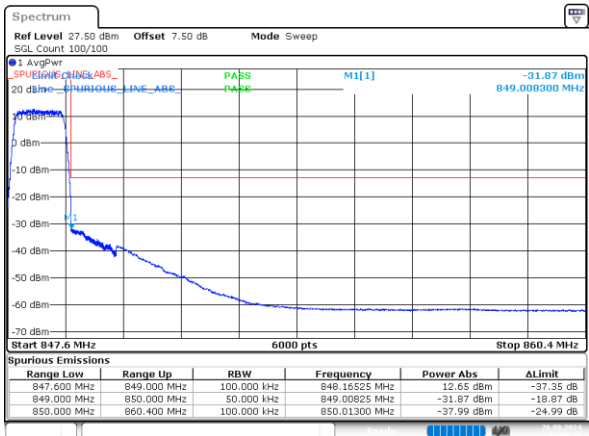


1.4MHz_High_16QAM_1@5



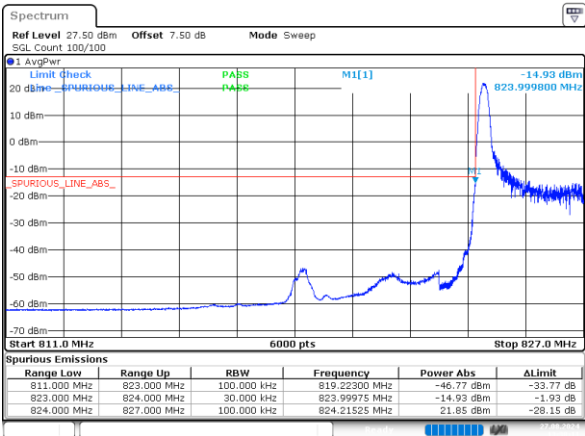
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:47:40

1.4MHz_High_16QAM_6@0



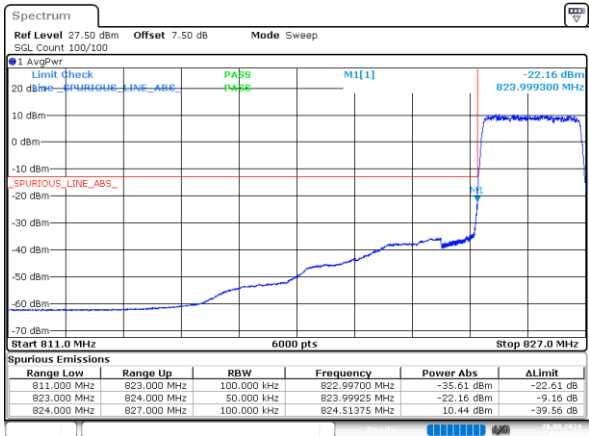
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:48:21

3MHz_Low_QPSK_1@0



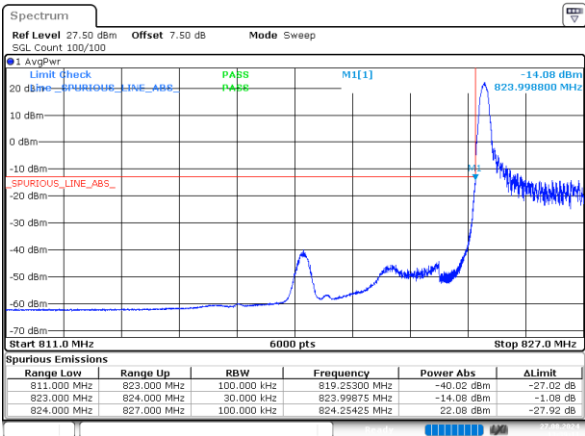
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 27.AUG.2024 13:58:12

3MHz_Low_QPSK_15@0



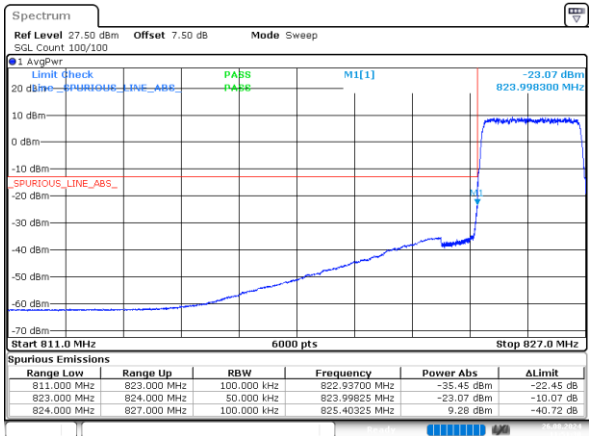
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:50:03

3MHz_Low_16QAM_1@0



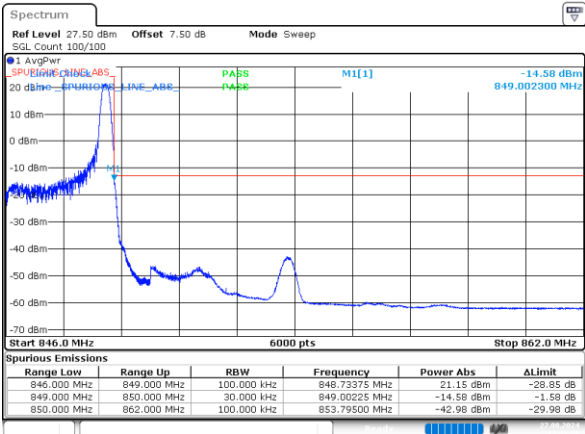
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 27.AUG.2024 13:39:11

3MHz_Low_16QAM_15@0



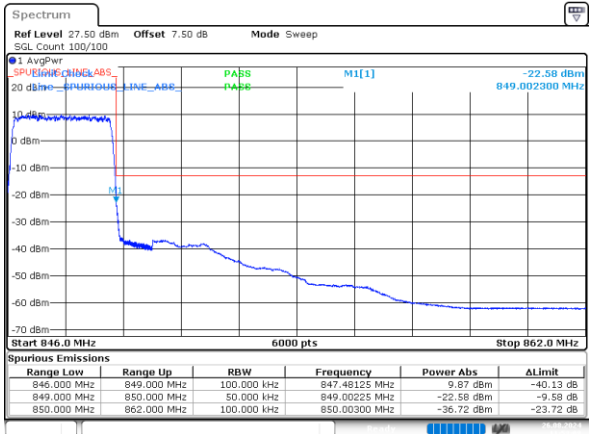
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:51:31

3MHz_High_QPSK_1@14



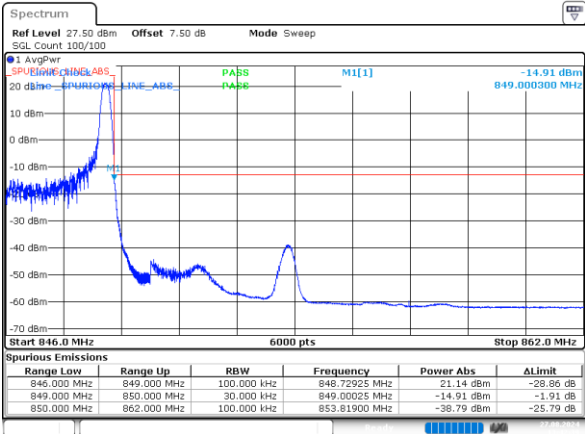
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 27.AUG.2024 13:41:40

3MHz_High_QPSK_15@0



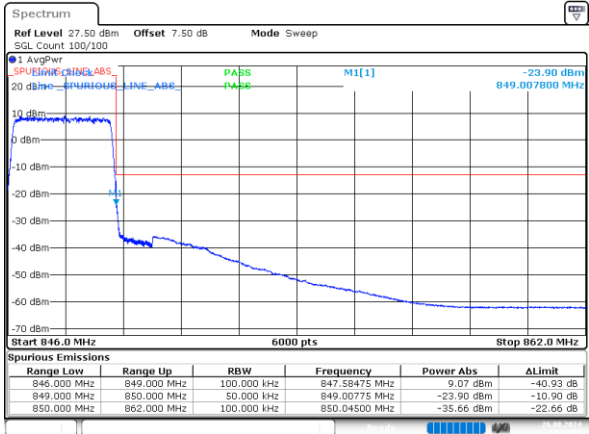
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:53:09

3MHz_High_16QAM_1@14



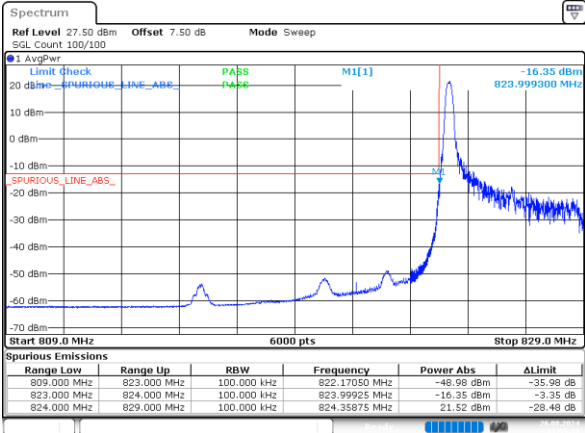
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 27.AUG.2024 13:42:39

3MHz_High_16QAM_15@0



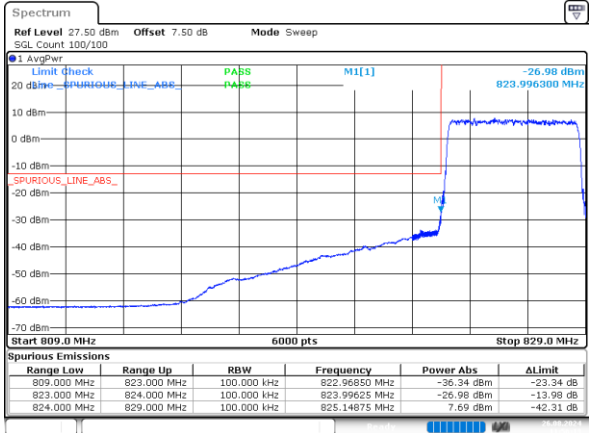
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:54:36

5MHz_Low_QPSK_1@0



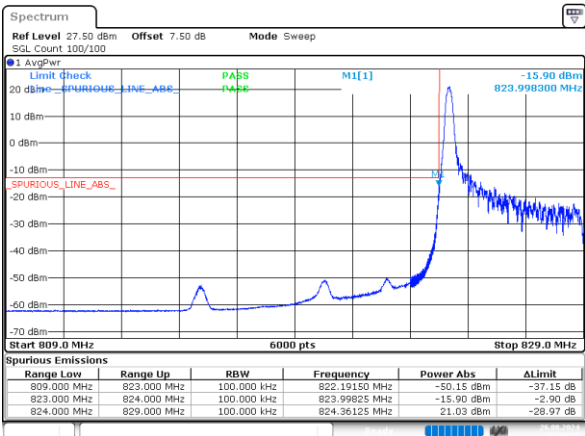
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:55:32

5MHz_Low_QPSK_25@0



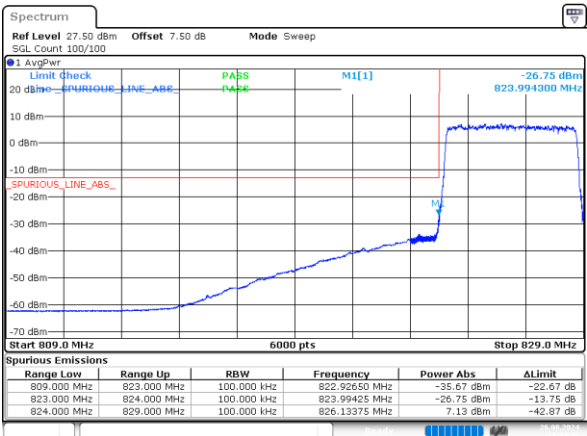
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:56:14

5MHz_Low_16QAM_1@0



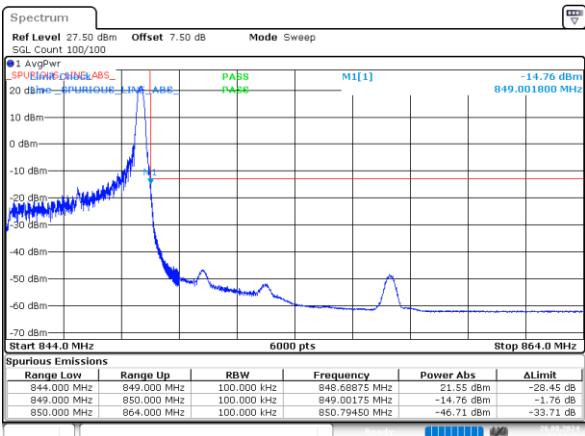
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:56:56

5MHz_Low_16QAM_25@0



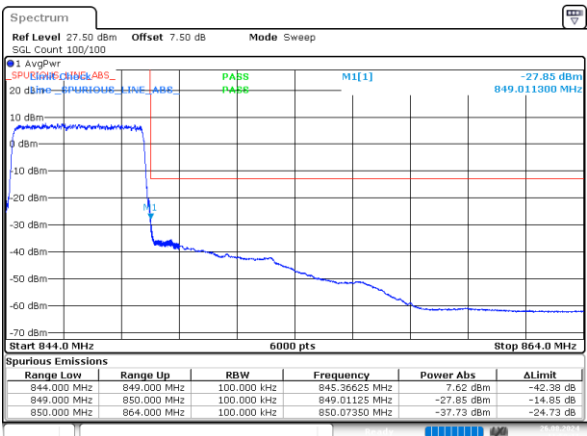
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:57:37

5MHz_High_QPSK_1@24



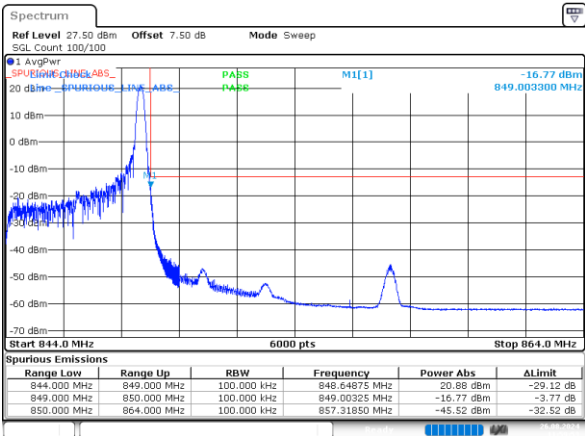
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:58:30

5MHz_High_QPSK_25@0



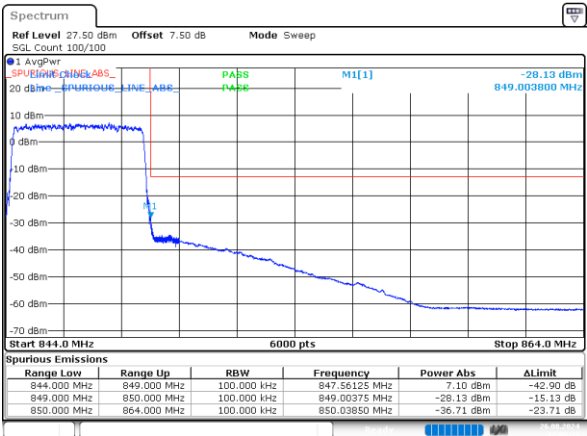
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:59:11

5MHz_High_16QAM_1@24



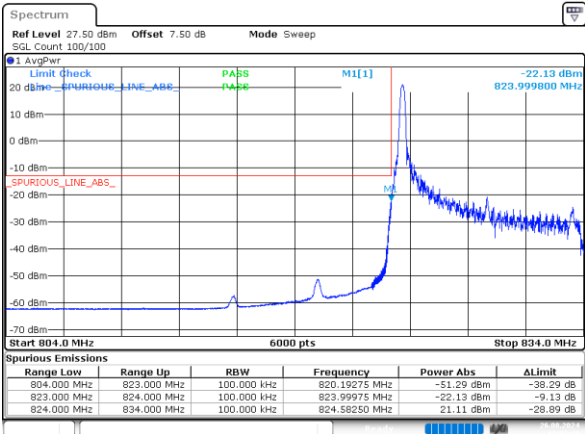
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:59:54

5MHz_High_16QAM_25@0



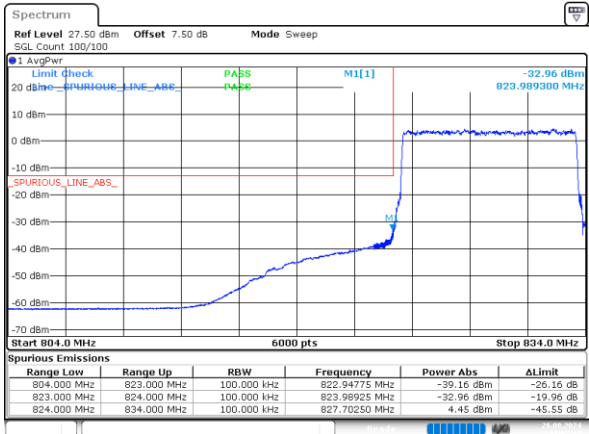
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 12:00:36

10MHz_Low_QPSK_1@0



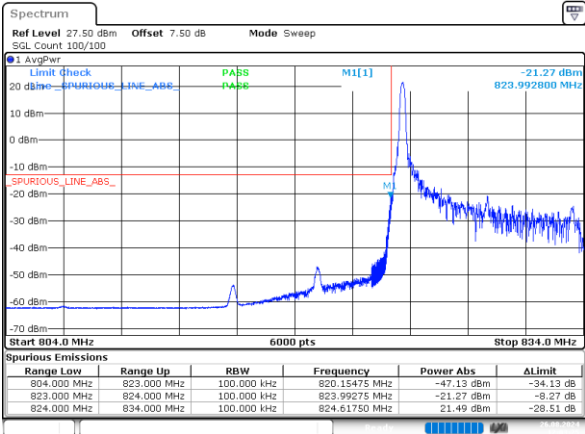
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 12:01:42

10MHz_Low_QPSK_50@0



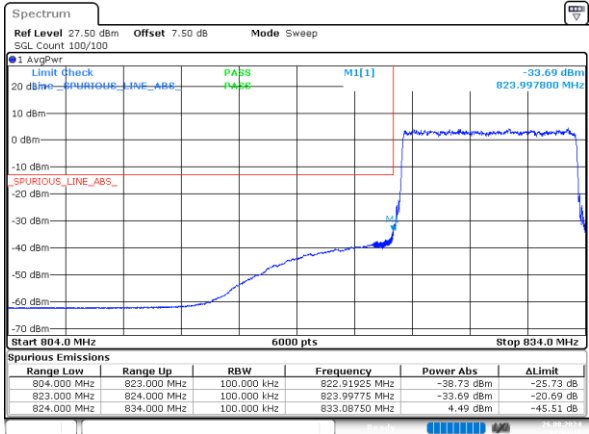
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 12:02:34

10MHz_Low_16QAM_1@0



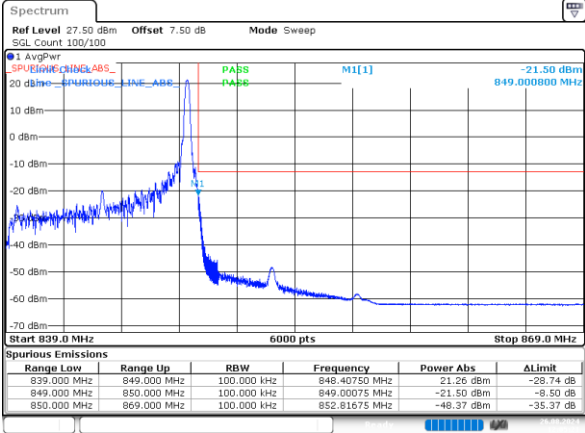
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 12:03:26

10MHz_Low_16QAM_50@0



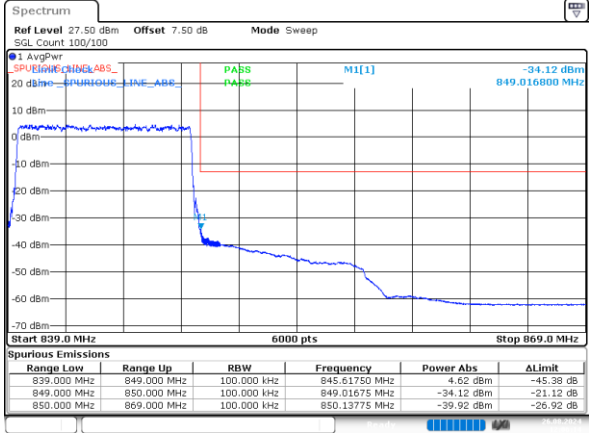
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 12:04:18

10MHz_High_QPSK_1@49



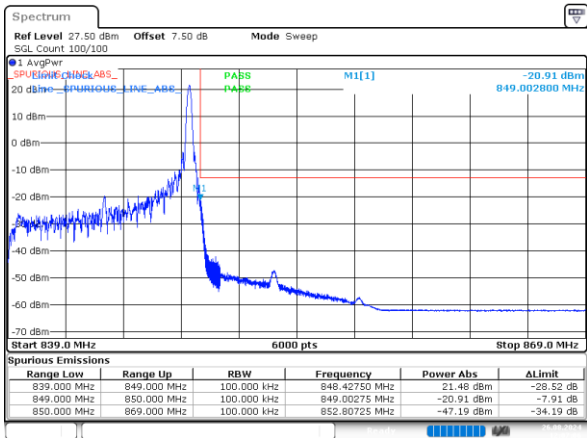
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 12:05:22

10MHz_High_QPSK_50@0



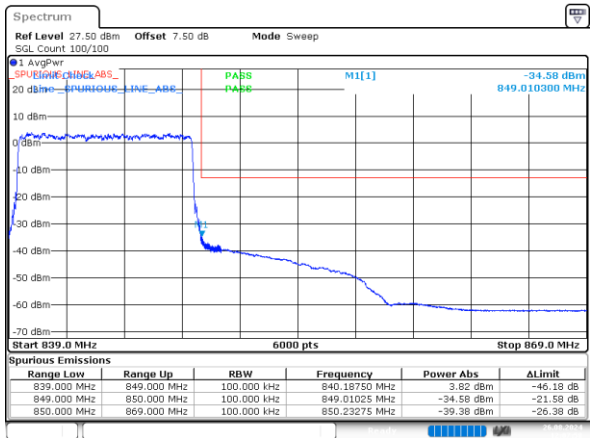
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 12:06:14

10MHz_High_16QAM_1@49



ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 12:07:06

10MHz_High_16QAM_50@0

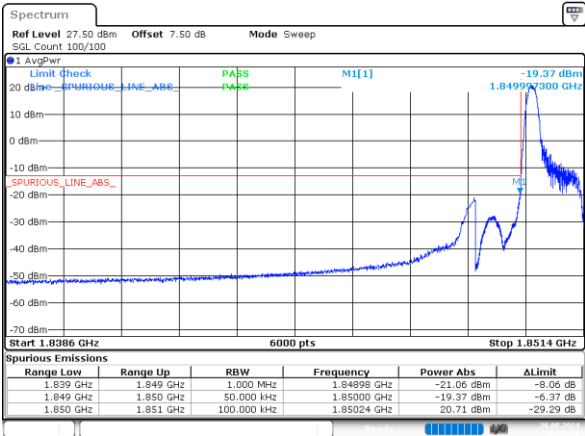


ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 12:07:59

FCC Part 24E&IC RSS 133

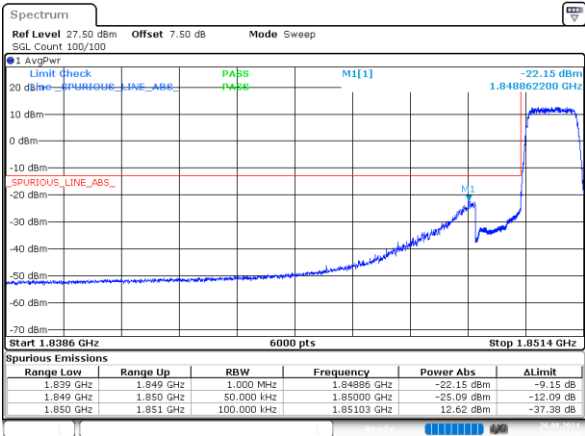
B2, Normal

1.4MHz_Low_QPSK_1@0



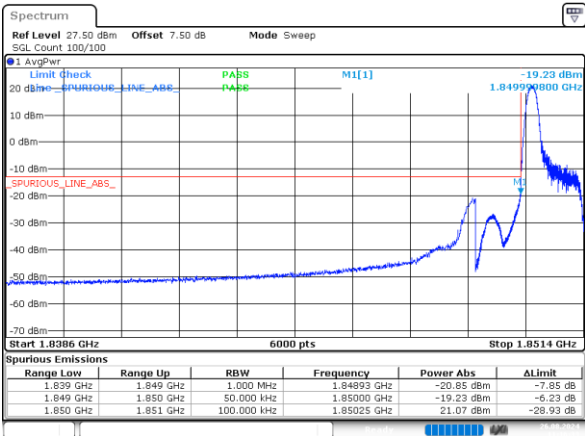
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:15:59

1.4MHz_Low_QPSK_6@0



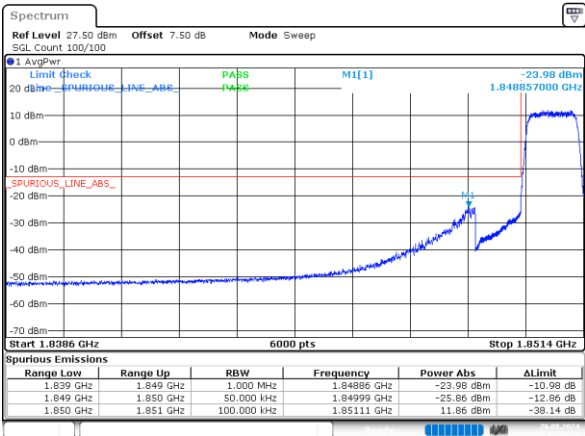
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:16:16

1.4MHz_Low_16QAM_1@0



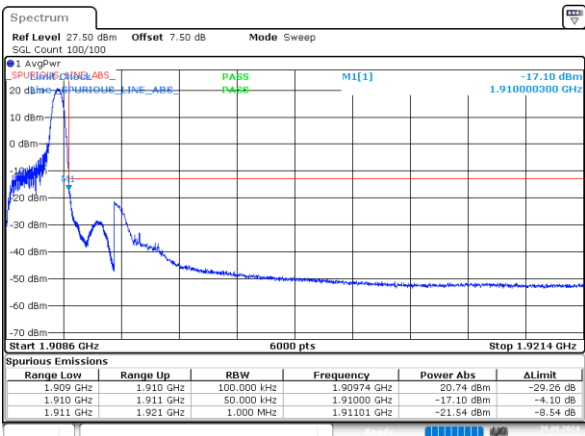
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:16:34

1.4MHz_Low_16QAM_6@0



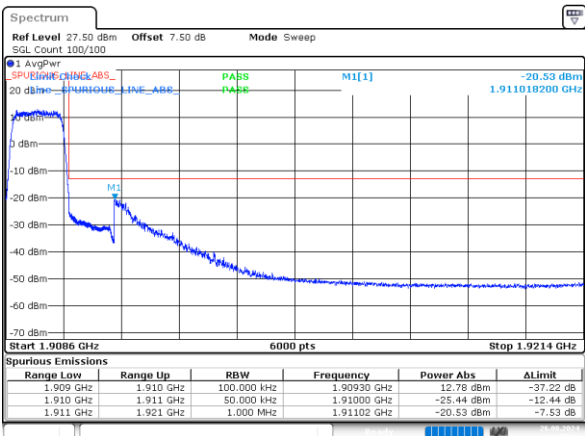
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:16:51

1.4MHz_High_QPSK_1@5



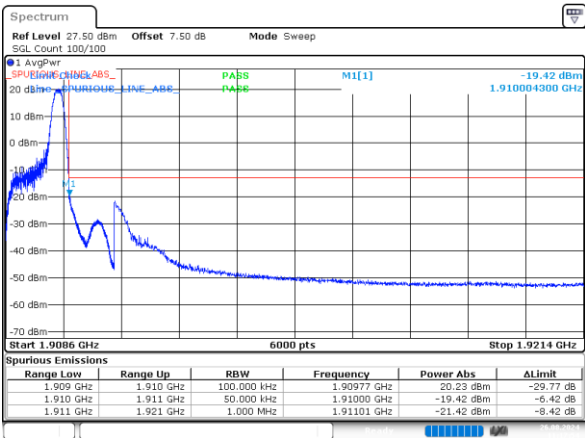
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:17:10

1.4MHz_High_QPSK_6@0



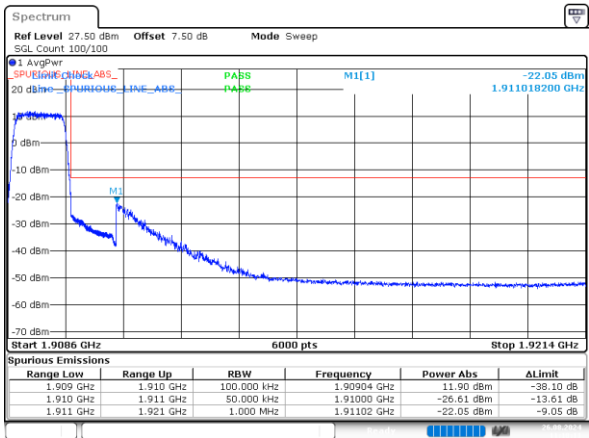
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:17:37

1.4MHz_High_16QAM_1@5



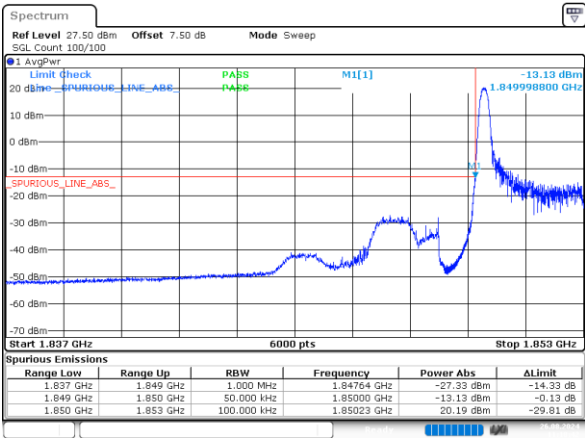
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:17:54

1.4MHz_High_16QAM_6@0



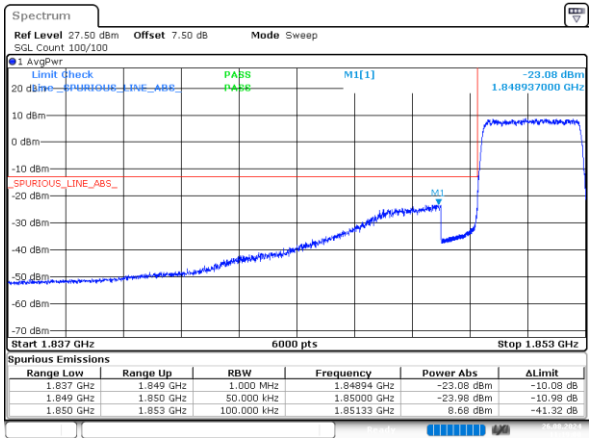
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:18:11

3MHz_Low_QPSK_1@0



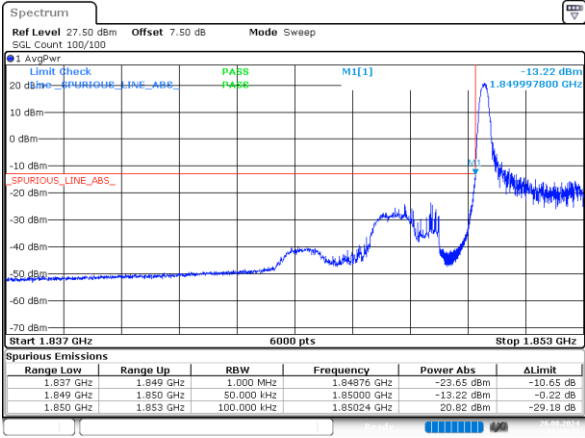
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:18:43

3MHz_Low_QPSK_15@0



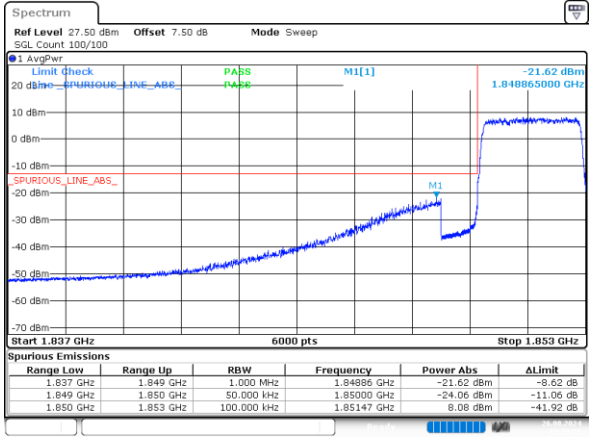
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:19:01

3MHz_Low_16QAM_1@0



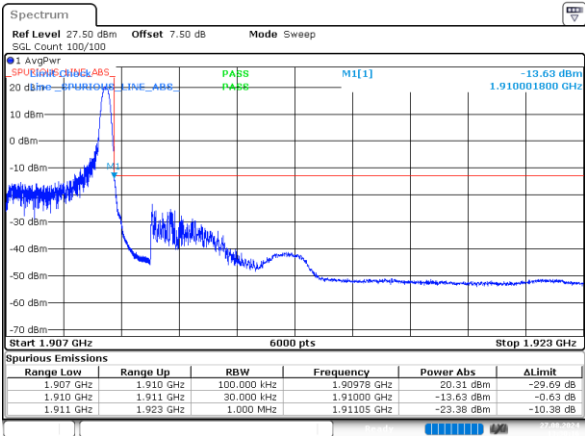
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:19:18

3MHz_Low_16QAM_15@0



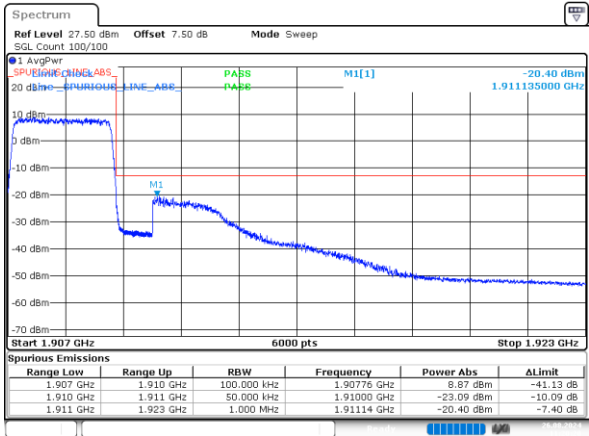
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:19:36

3MHz_High_QPSK_1@14



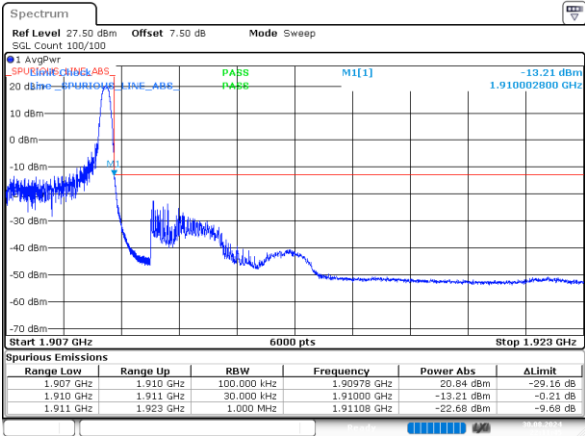
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 27.AUG.2024 13:30:16

3MHz_High_QPSK_15@0



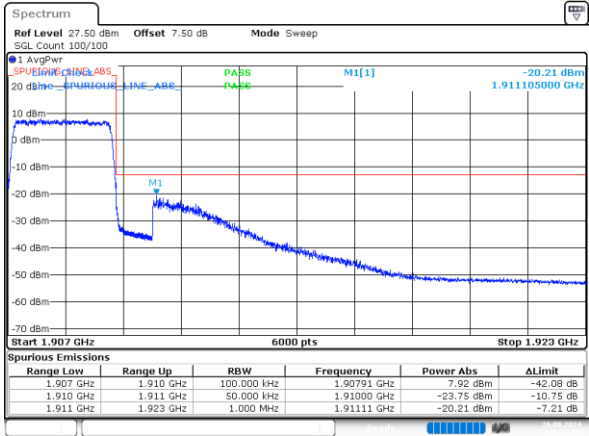
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:20:21

3MHz_High_16QAM_1@14



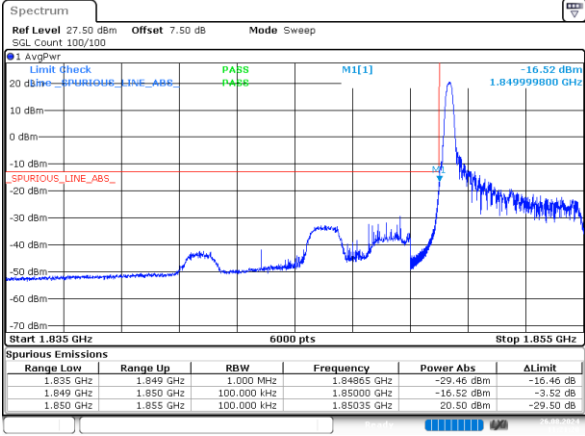
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 30.AUG.2024 22:11:45

3MHz_High_16QAM_15@0



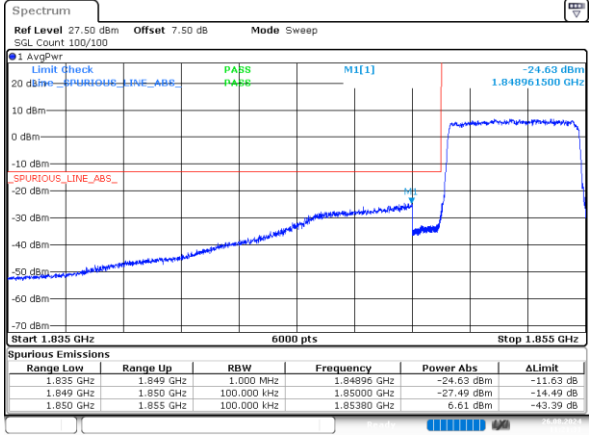
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:20:56

5MHz_Low_QPSK_1@0



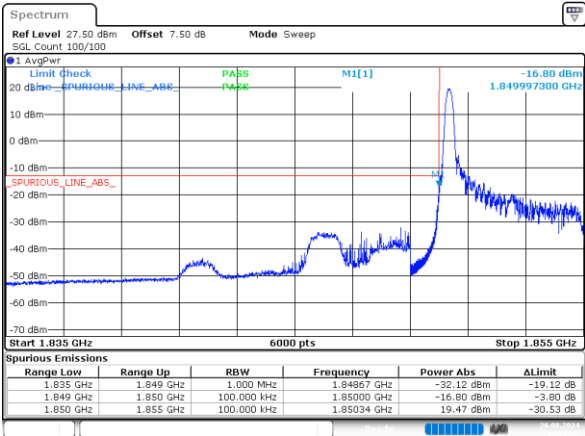
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:21:20

5MHz_Low_QPSK_25@0



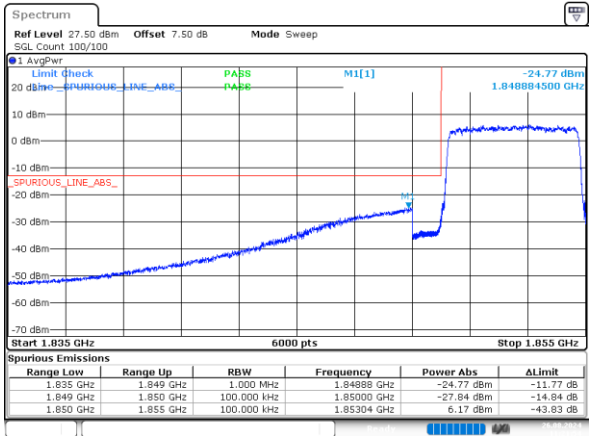
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:21:32

5MHz_Low_16QAM_1@0



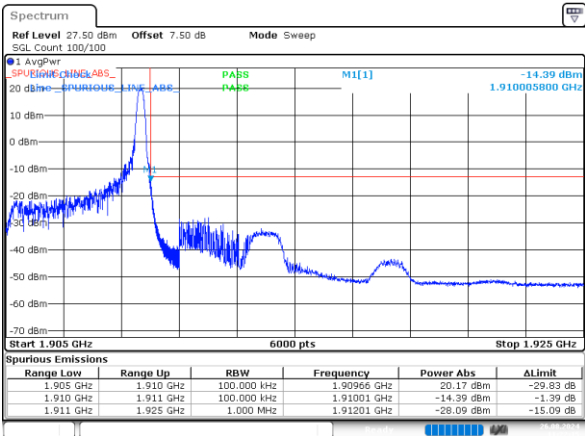
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:21:43

5MHz_Low_16QAM_25@0



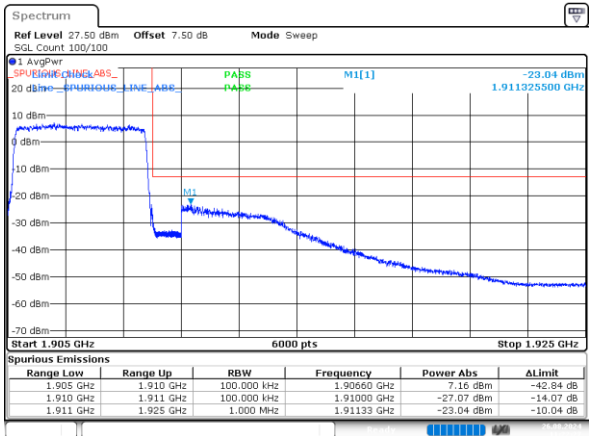
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:21:54

5MHz_High_QPSK_1@24



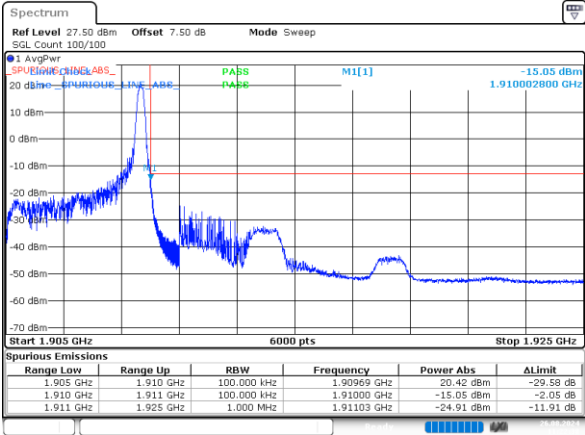
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:22:16

5MHz_High_QPSK_25@0



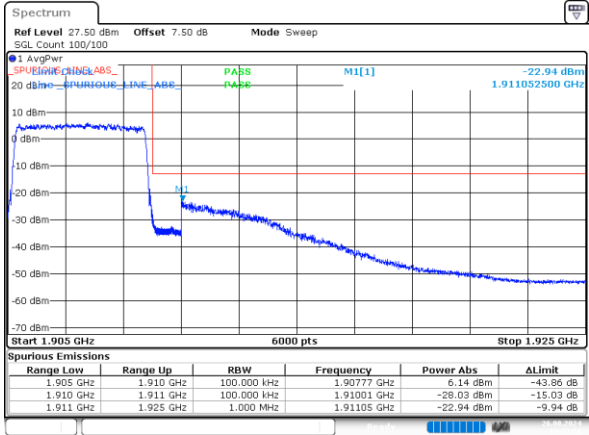
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:22:27

5MHz_High_16QAM_1@24



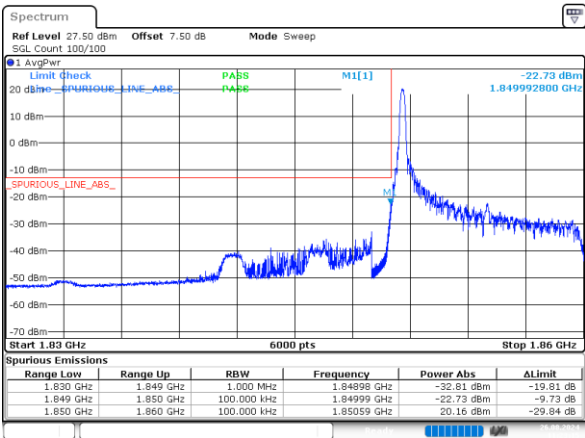
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:22:39

5MHz_High_16QAM_25@0



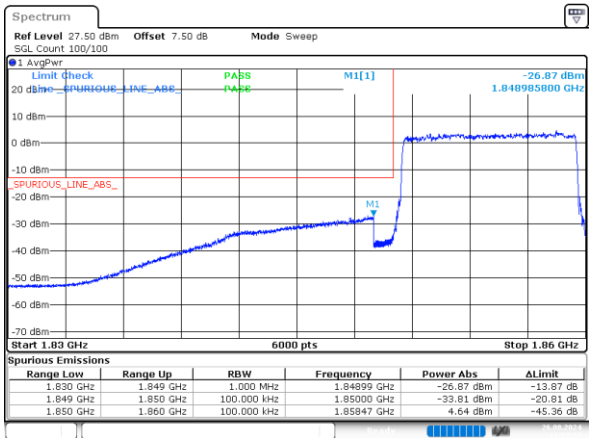
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:22:50

10MHz_Low_QPSK_1@0



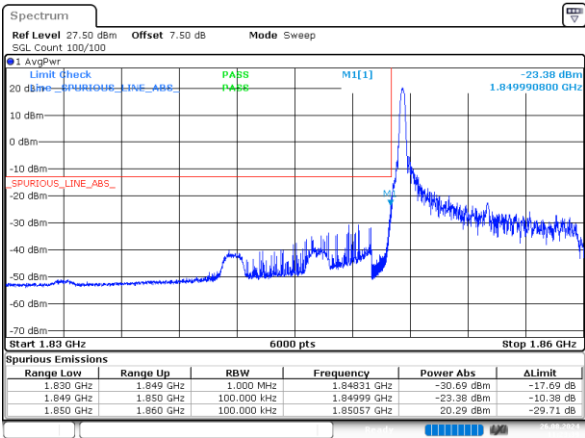
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:23:15

10MHz_Low_QPSK_50@0



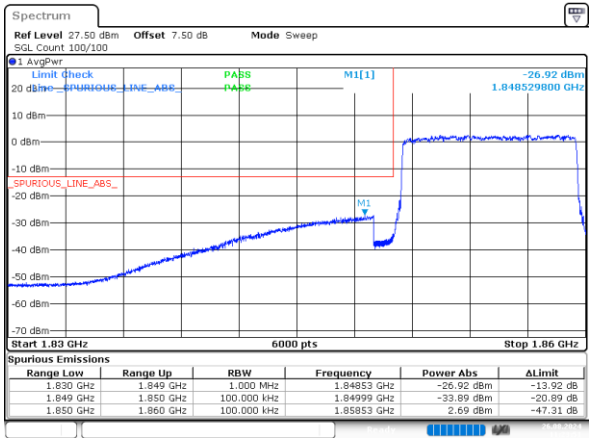
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:23:27

10MHz_Low_16QAM_1@0



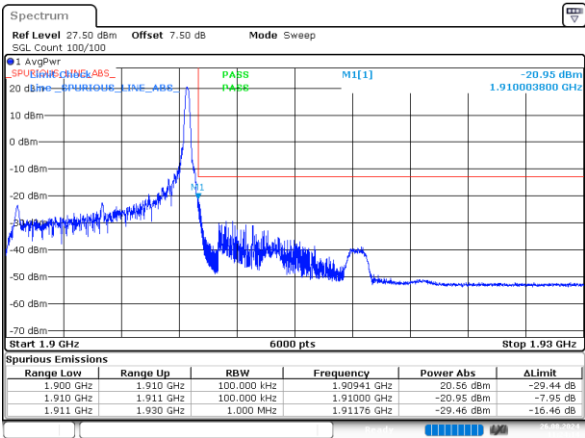
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:23:39

10MHz_Low_16QAM_50@0



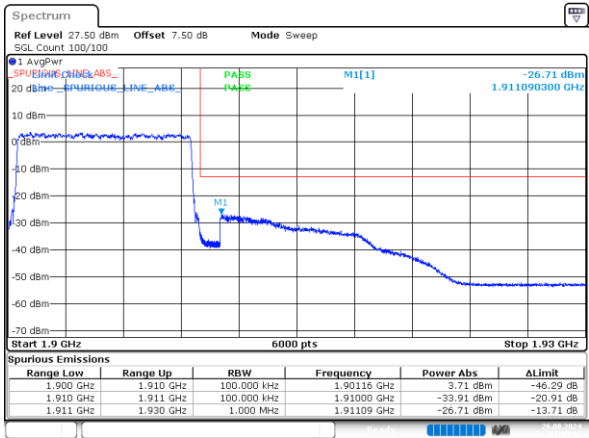
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:23:51

10MHz_High_QPSK_1@49



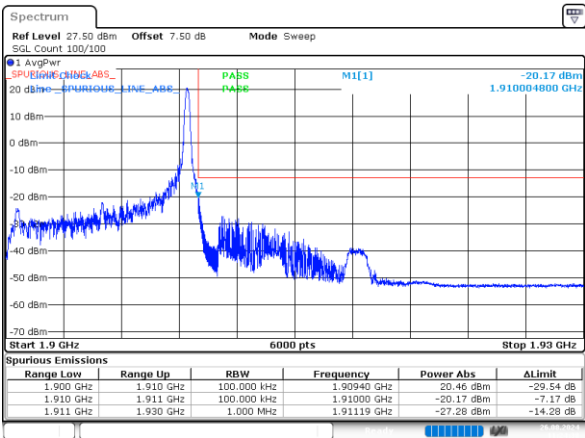
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:24:14

10MHz_High_QPSK_50@0



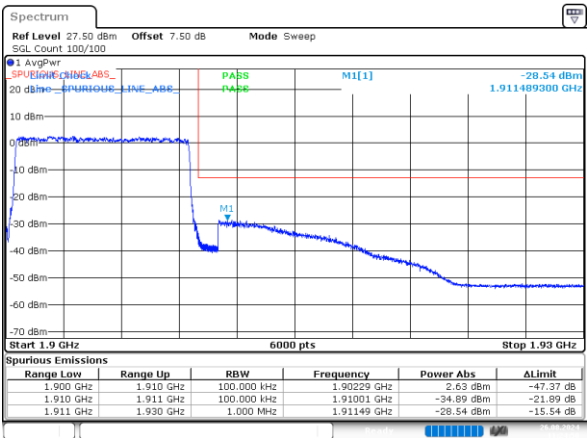
ProjectNo.:2402W28519E-RF Tester:Karl Liang
 Date: 26.AUG.2024 11:24:26

10MHz_High_16QAM_1@49



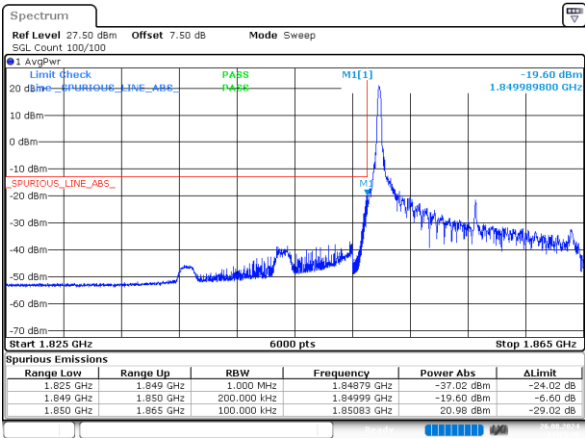
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:24:38

10MHz_High_16QAM_50@0



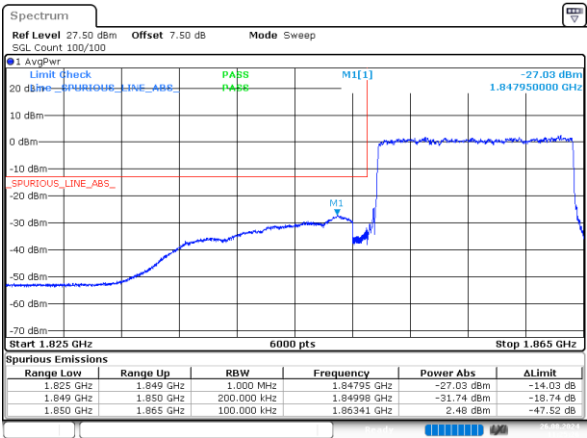
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:24:51

15MHz_Low_QPSK_1@0



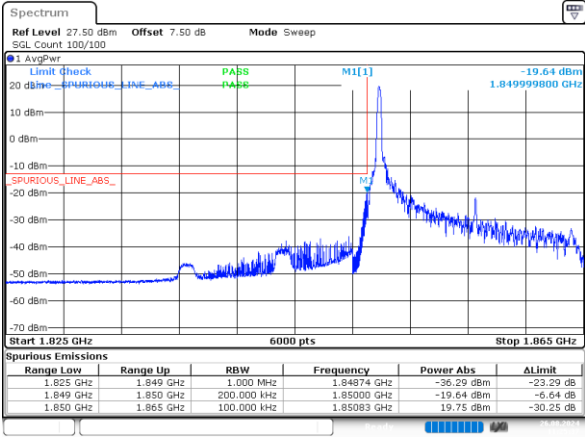
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:25:16

15MHz_Low_QPSK_75@0



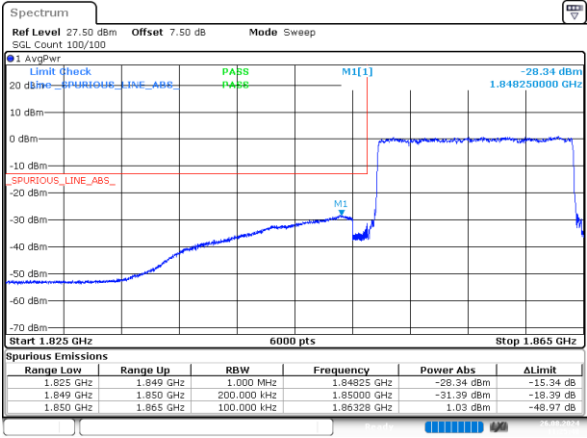
ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:25:27

15MHz_Low_16QAM_1@0



ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:25:38

15MHz_Low_16QAM_75@0



ProjectNo.:2402W28519E-RF Tester:Karl Liang
Date: 26.AUG.2024 11:25:48