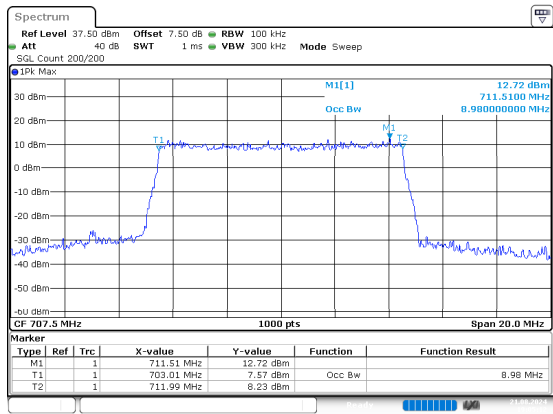


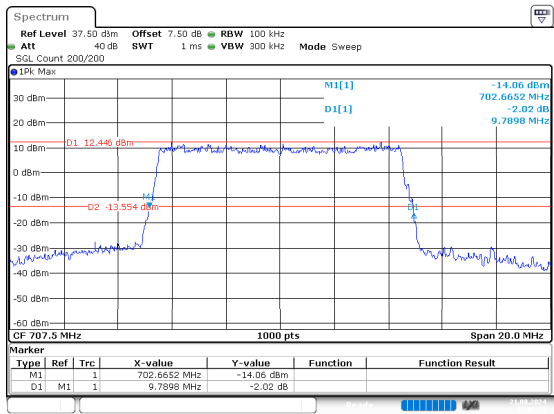
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:05:12

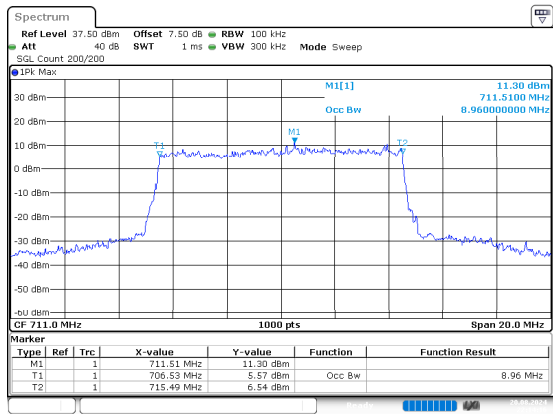


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:05:23

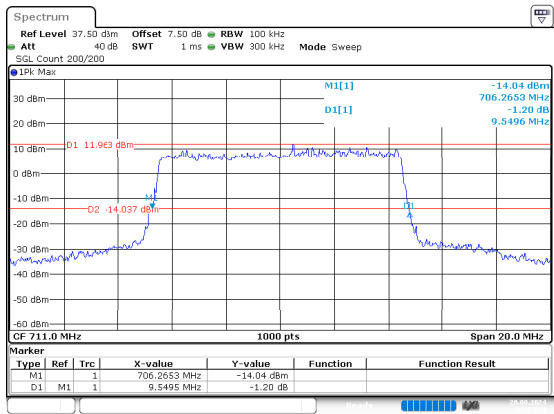
10MHz_High_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:14:16

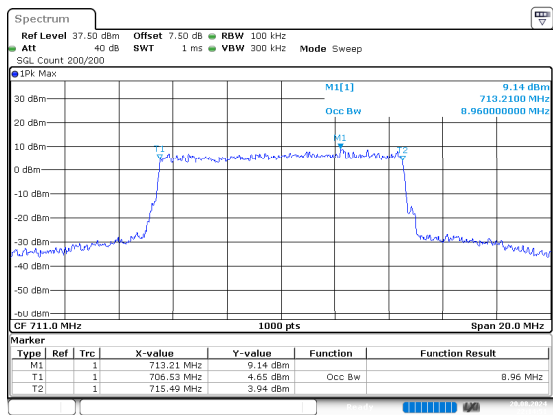


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:14:29

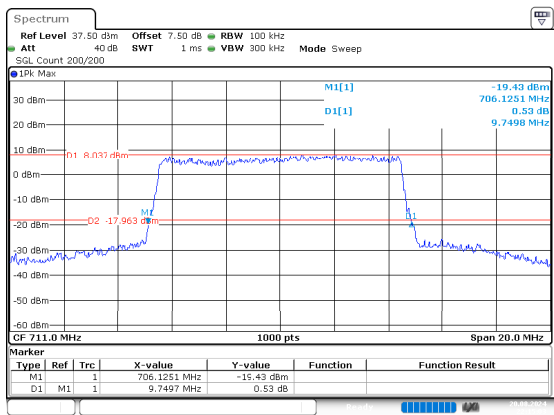
10MHz_High_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:14:51

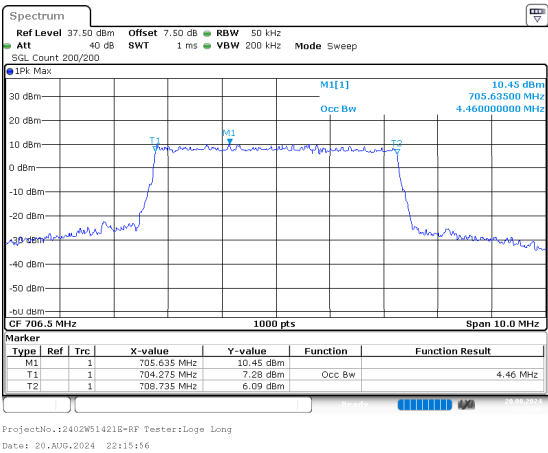


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:15:04

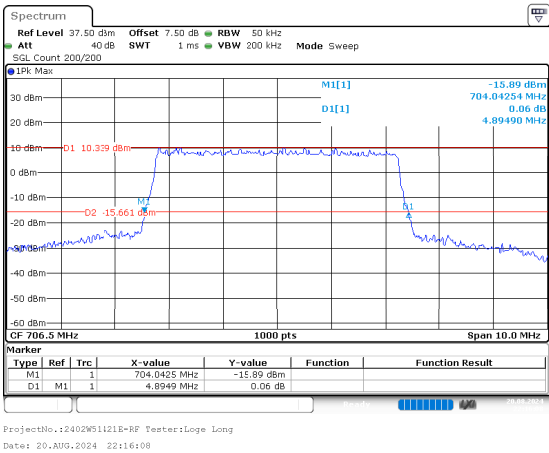
B17 , Normal

5MHz_Low_QPSK_25@0

Occupied Bandwidth

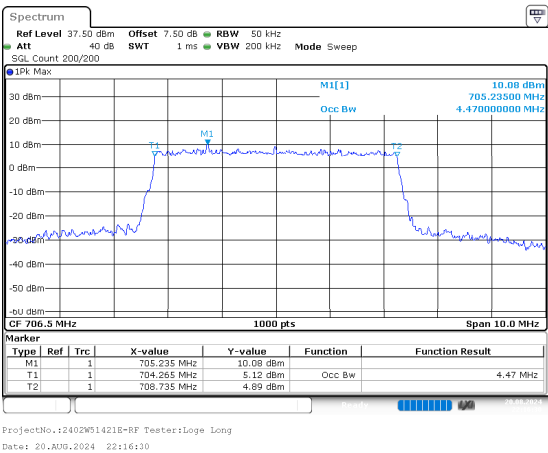


26dB Bandwidth

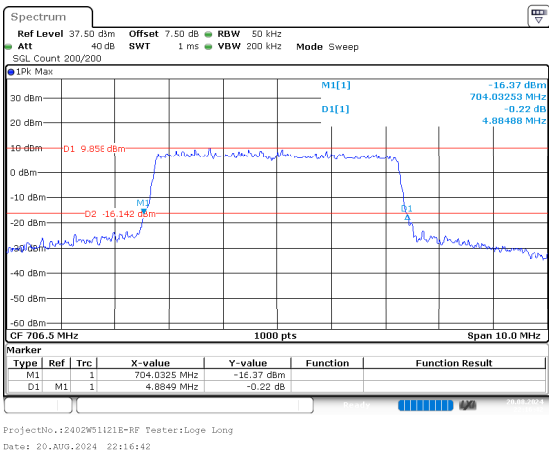


5MHz_Low_16QAM_25@0

Occupied Bandwidth

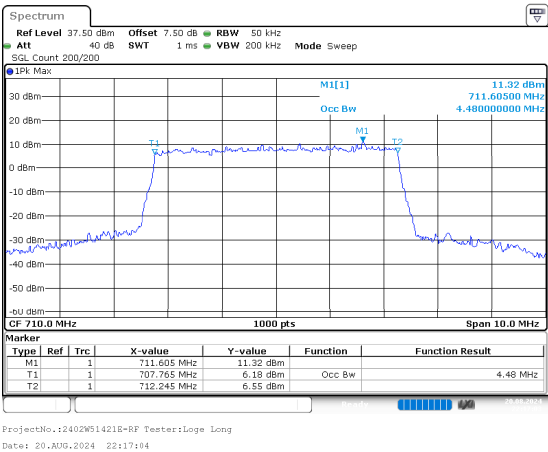


26dB Bandwidth

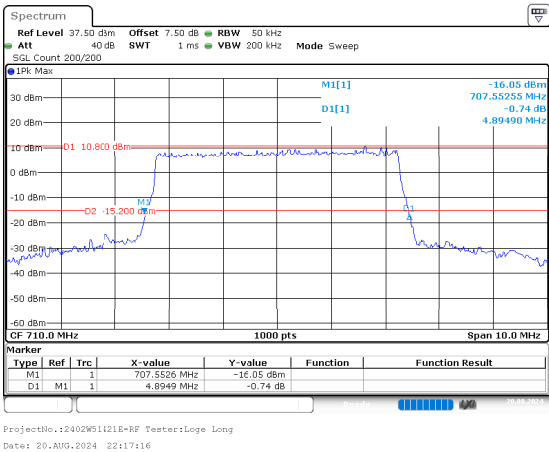


5MHz_Middle_QPSK_25@0

Occupied Bandwidth



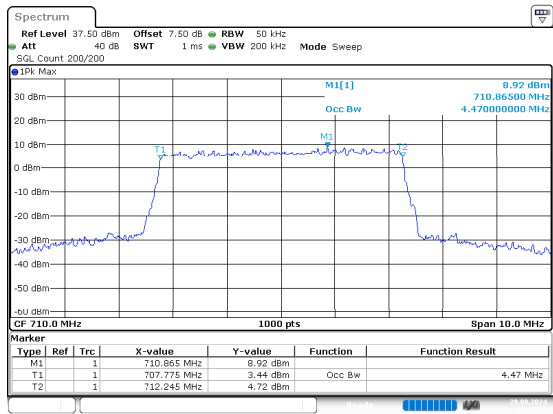
26dB Bandwidth



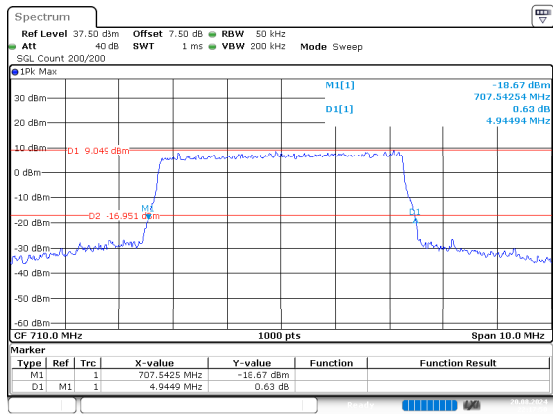
5MHz_Middle_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:17:38

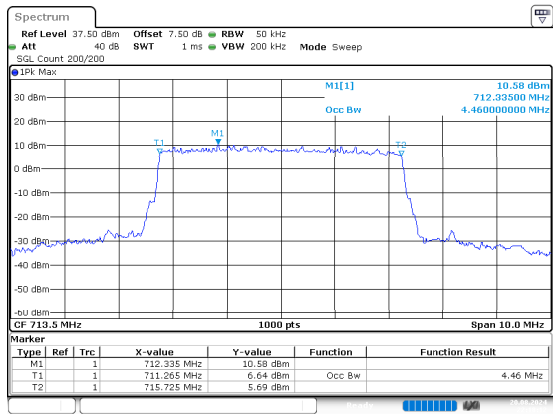


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:17:50

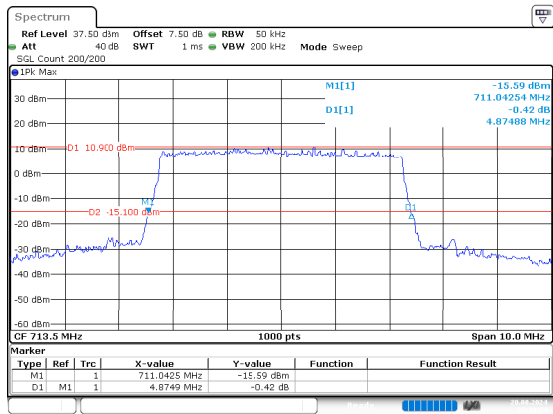
5MHz_High_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:18:13

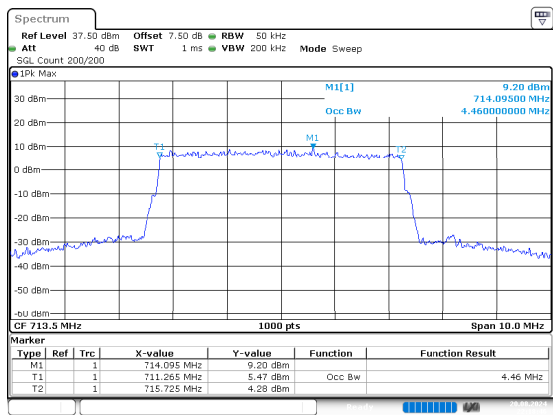


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:18:24

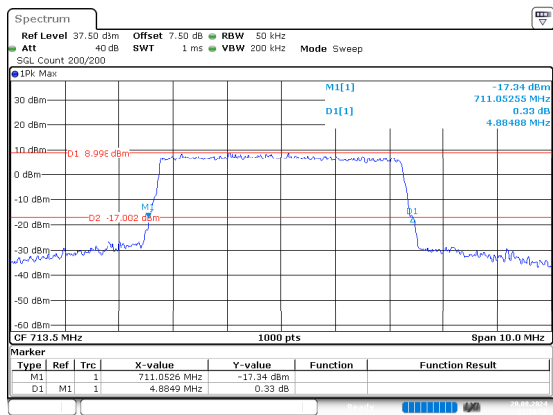
5MHz_High_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:18:47

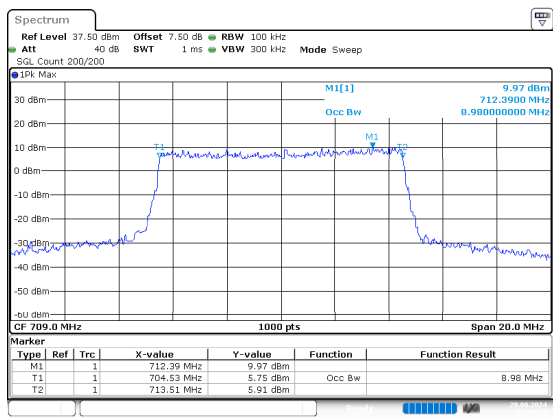


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:18:59

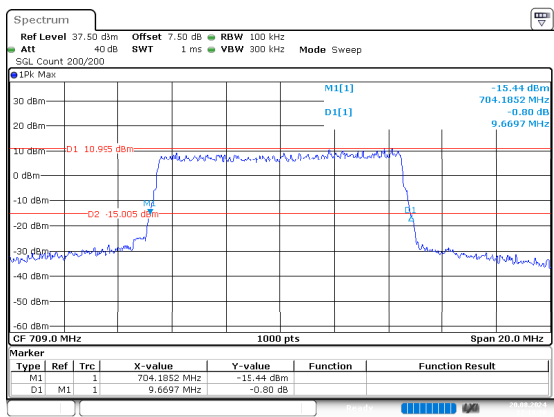
10MHz_Low_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:19:26

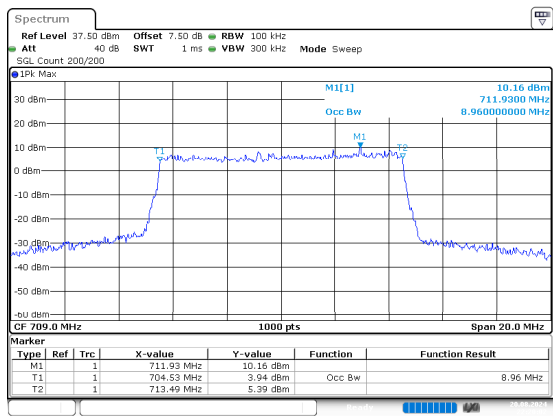


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:19:39

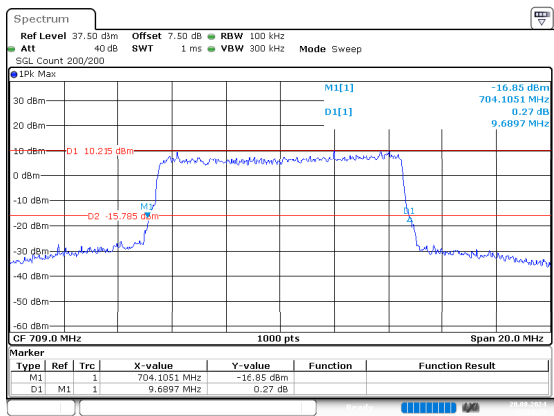
10MHz_Low_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:20:02

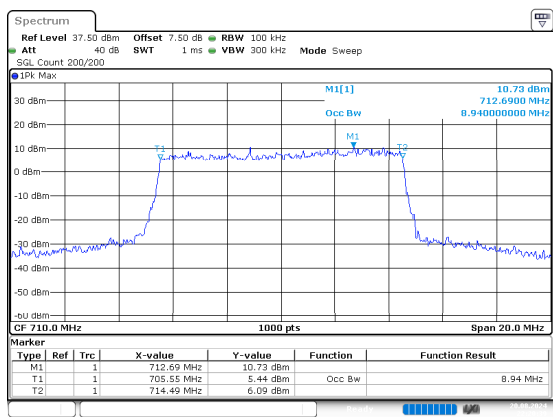


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:20:15

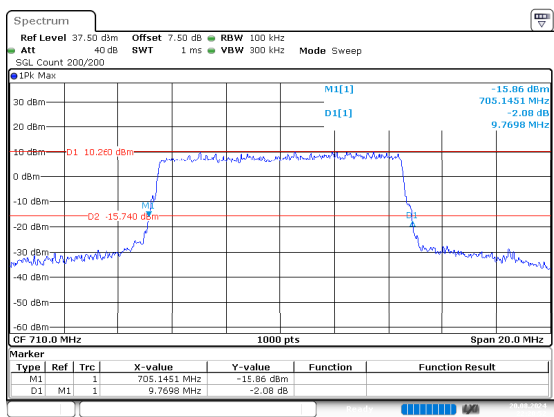
10MHz_Middle_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:20:39

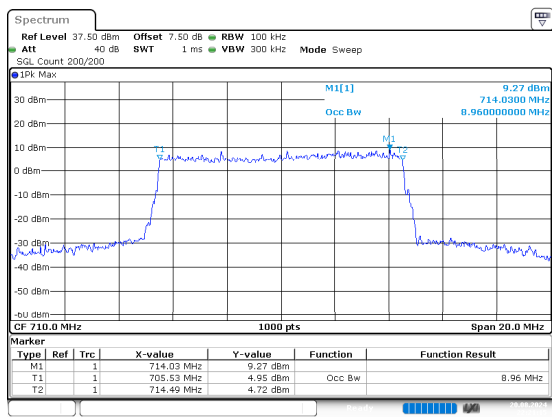


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:20:52

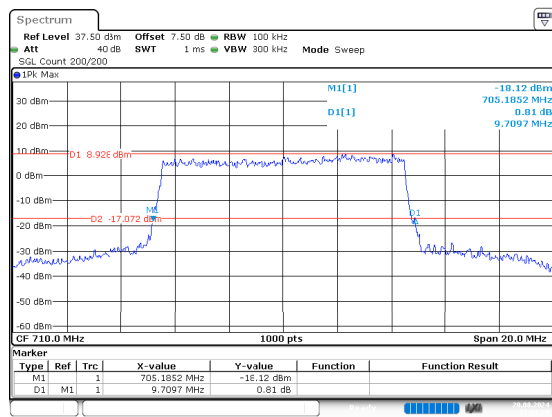
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:21:16

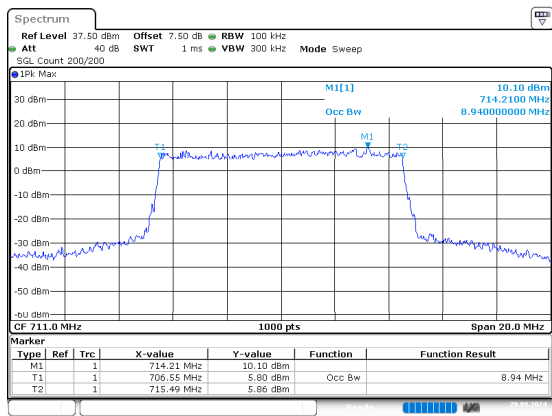


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:21:29

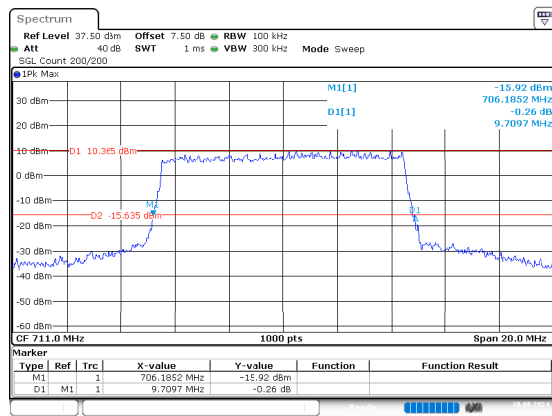
10MHz_High_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:21:14

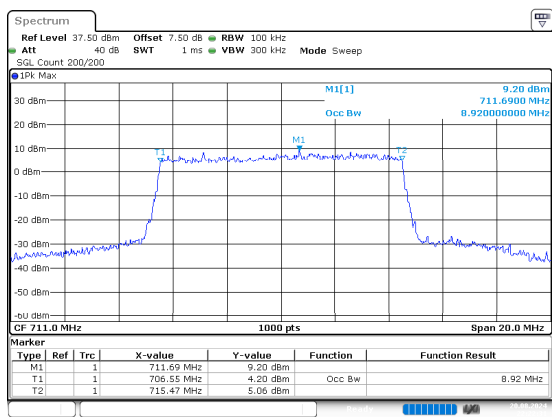


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:22:07

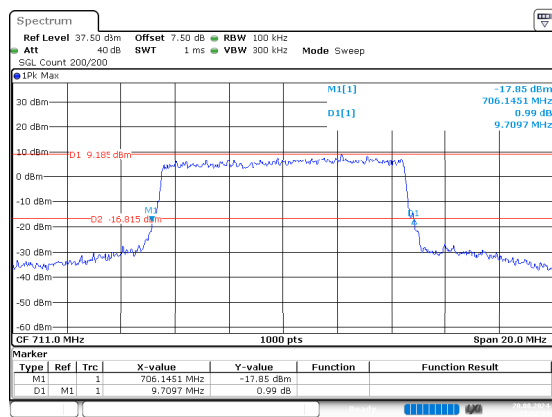
10MHz_High_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:22:11

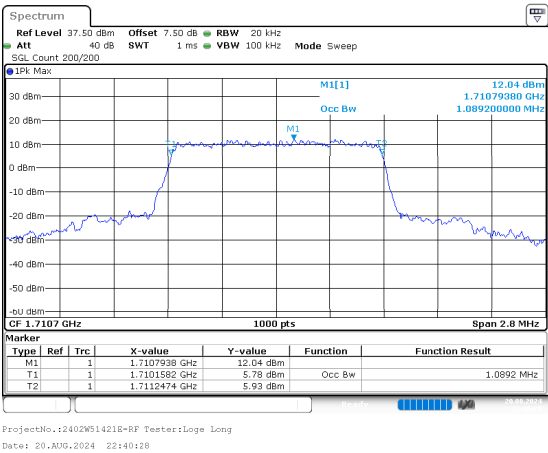


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:22:44

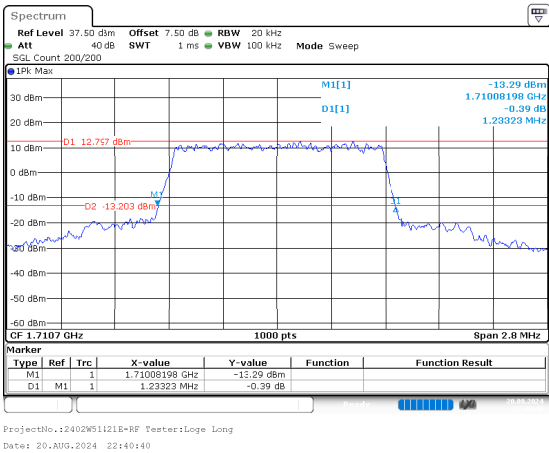
B66 , Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

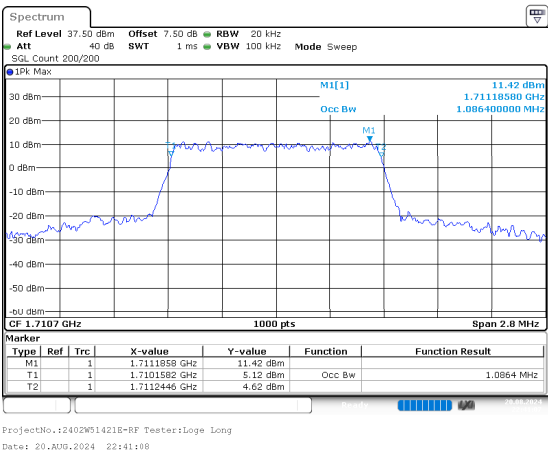


26dB Bandwidth

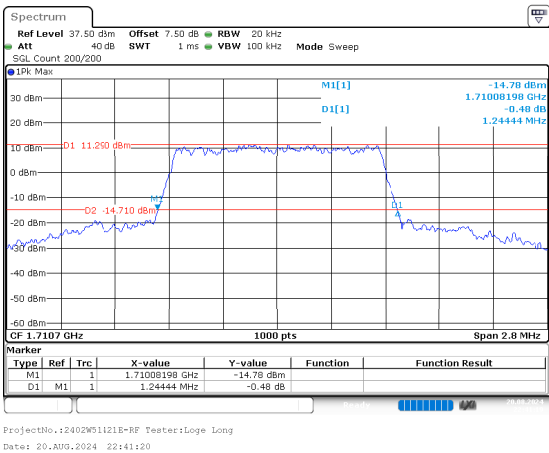


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

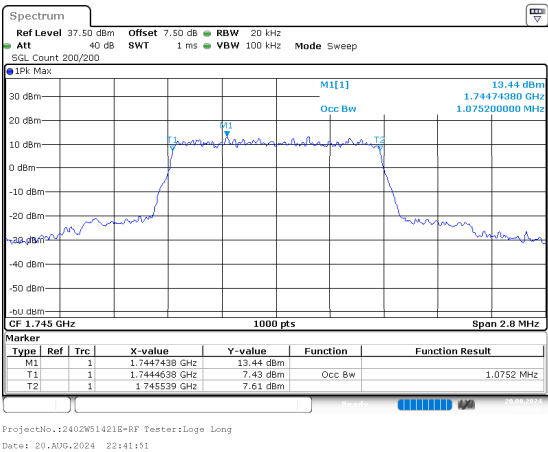


26dB Bandwidth

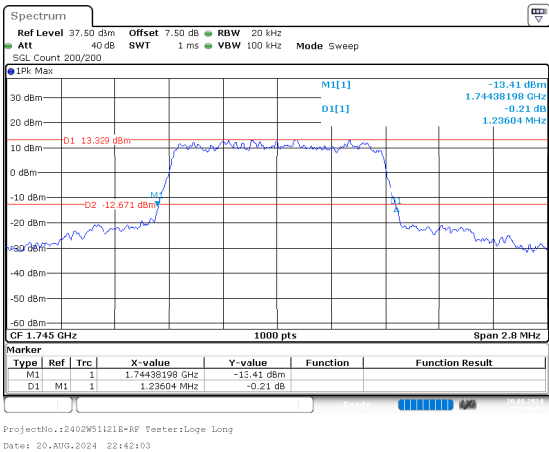


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



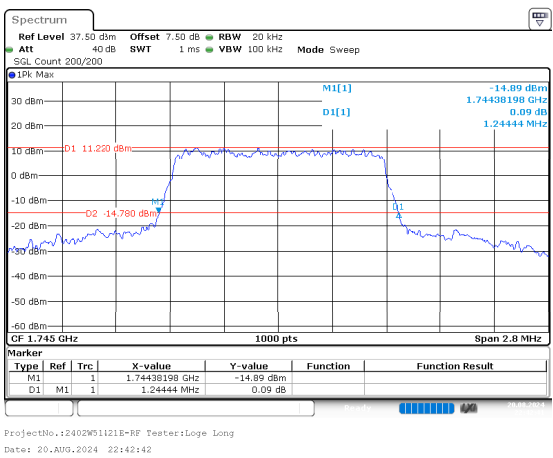
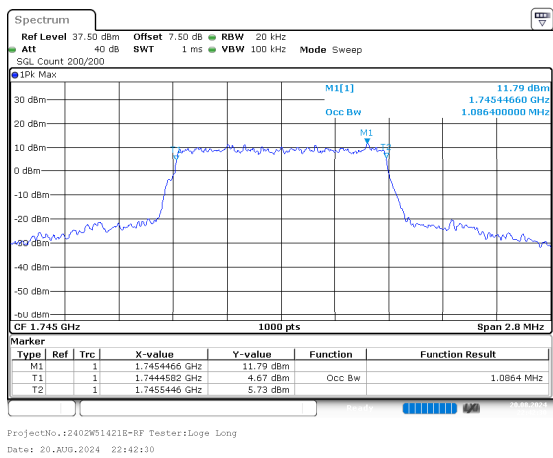
26dB Bandwidth



1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

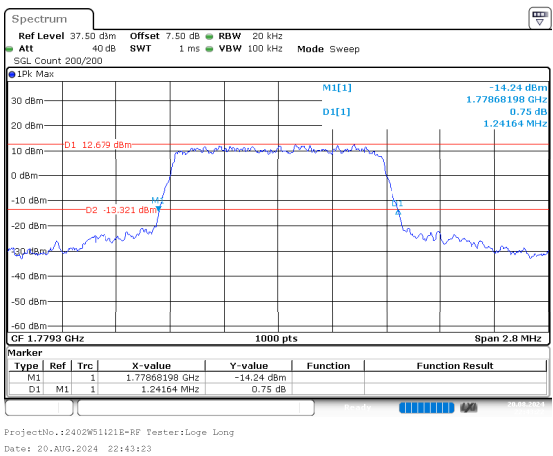
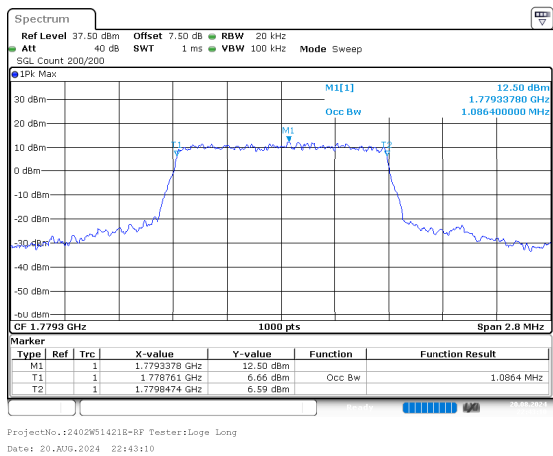
26dB Bandwidth



1.4MHz_High_QPSK_6@0

Occupied Bandwidth

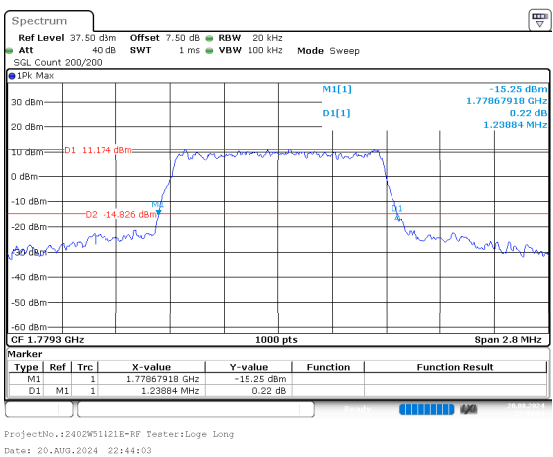
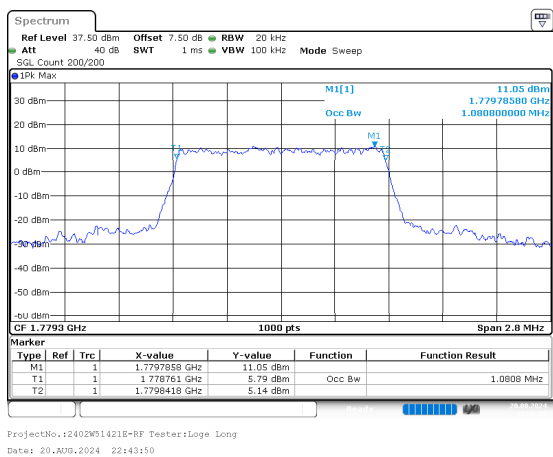
26dB Bandwidth



1.4MHz_High_16QAM_6@0

Occupied Bandwidth

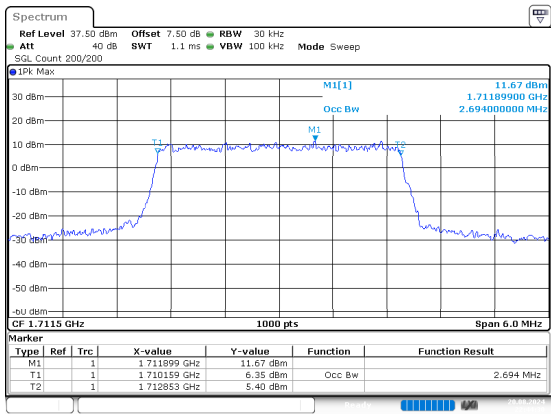
26dB Bandwidth



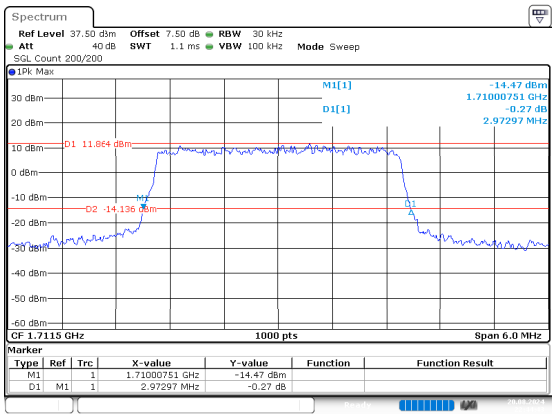
3MHz_Low_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:44:31

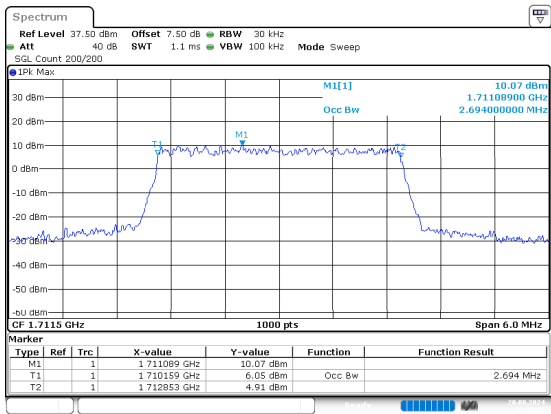


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:44:44

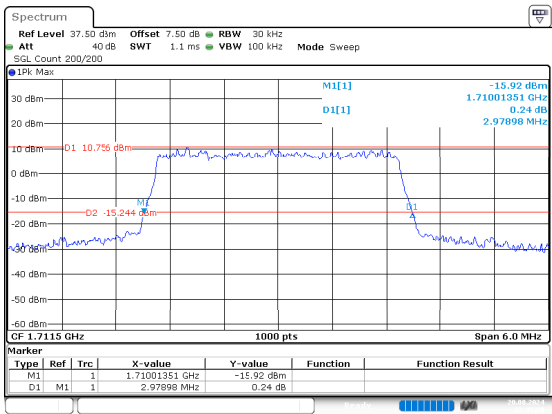
3MHz_Low_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:45:17

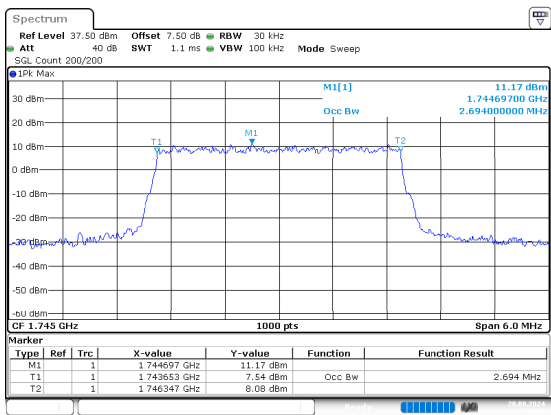


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:45:20

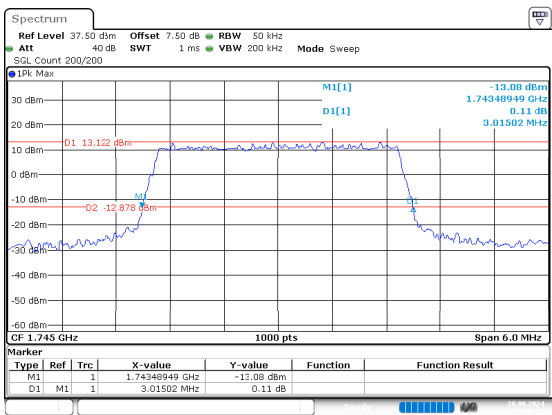
3MHz_Middle_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:45:43

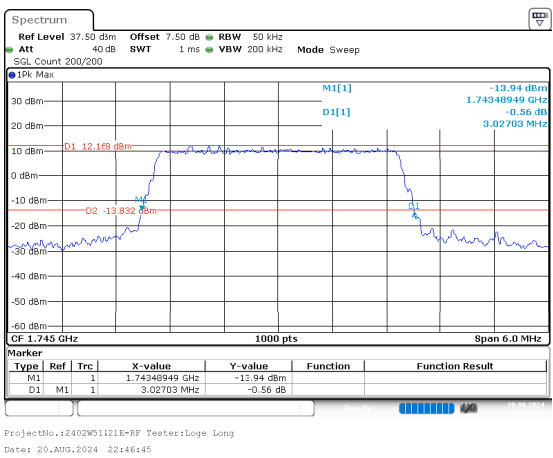
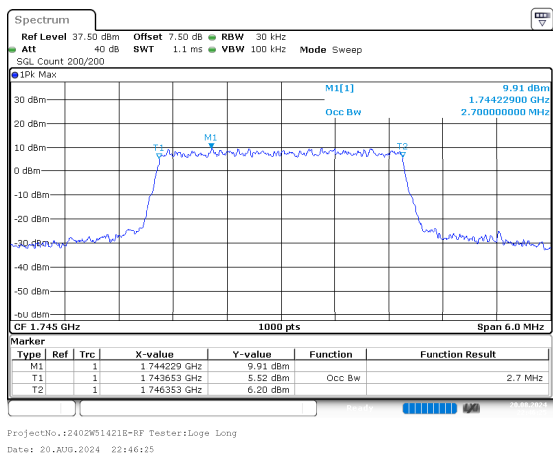


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:46:02

3MHz_Middle_16QAM_15@0

Occupied Bandwidth

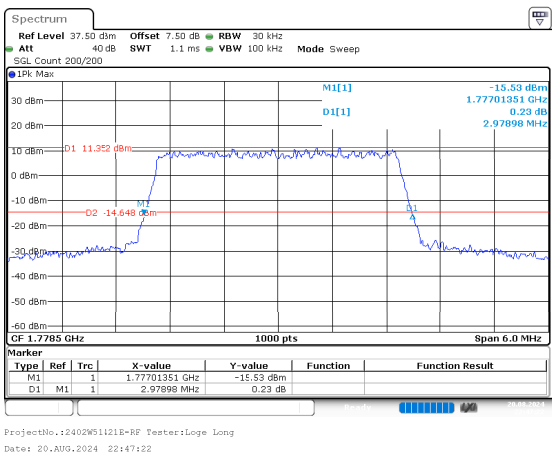
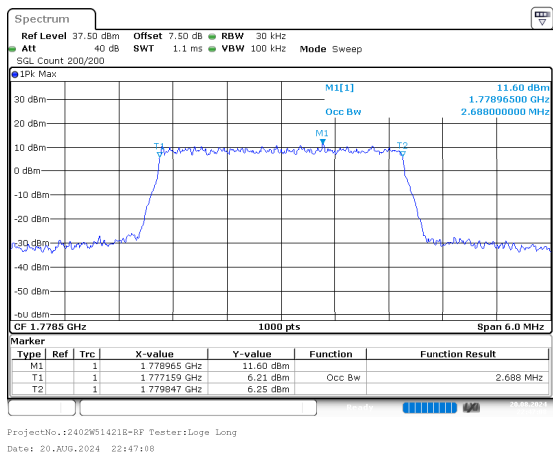
26dB Bandwidth



3MHz_High_QPSK_15@0

Occupied Bandwidth

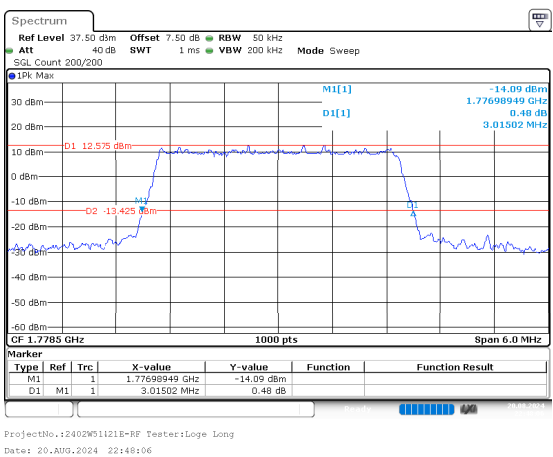
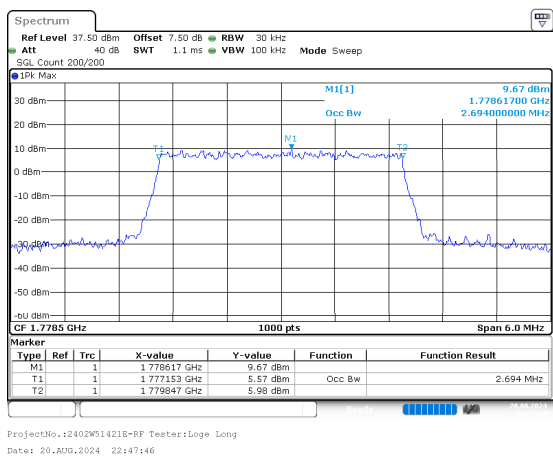
26dB Bandwidth



3MHz_High_16QAM_15@0

Occupied Bandwidth

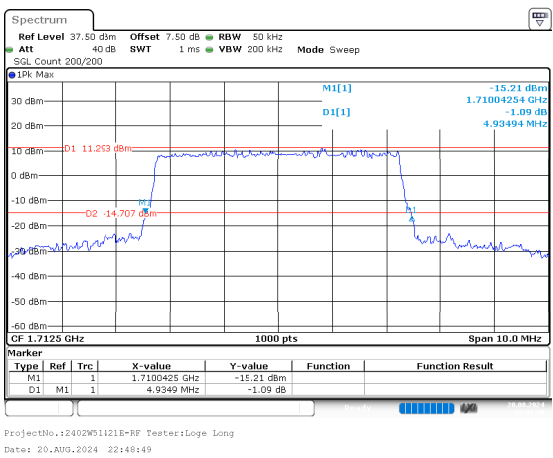
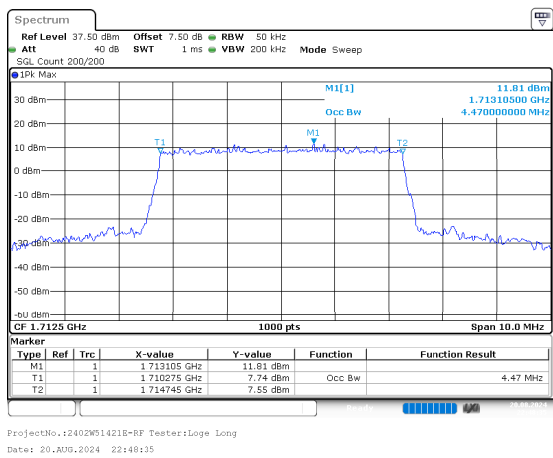
26dB Bandwidth



5MHz_Low_QPSK_25@0

Occupied Bandwidth

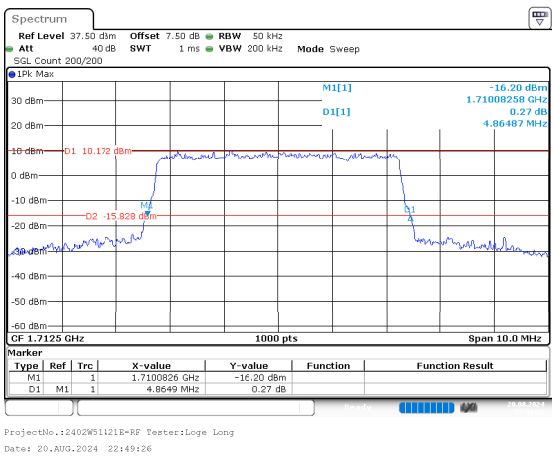
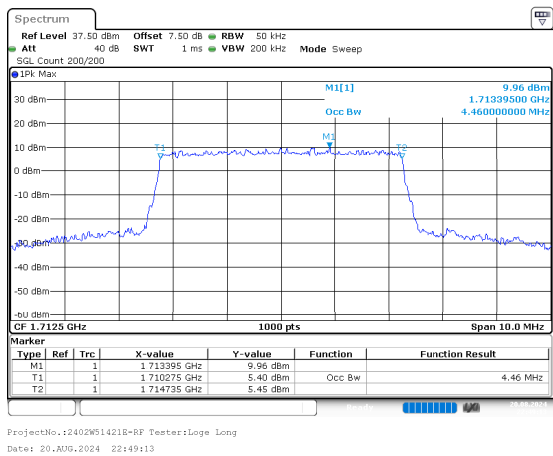
26dB Bandwidth



5MHz_Low_16QAM_25@0

Occupied Bandwidth

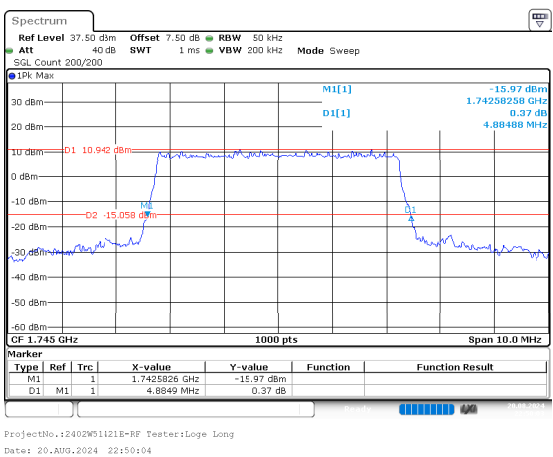
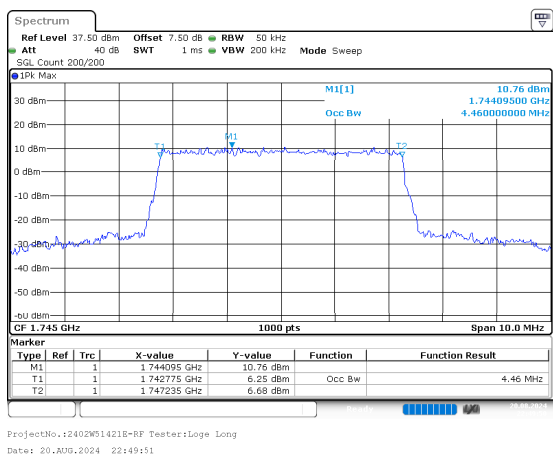
26dB Bandwidth



5MHz_Middle_QPSK_25@0

Occupied Bandwidth

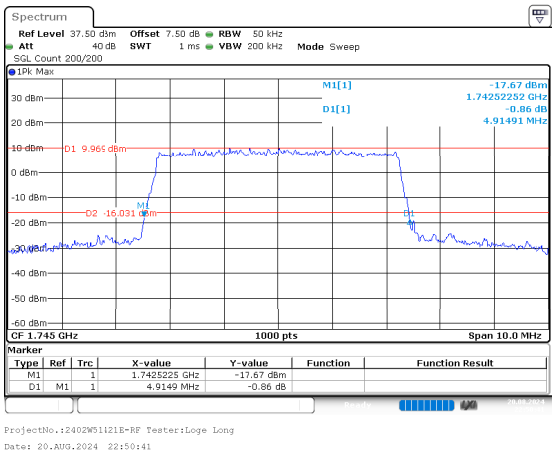
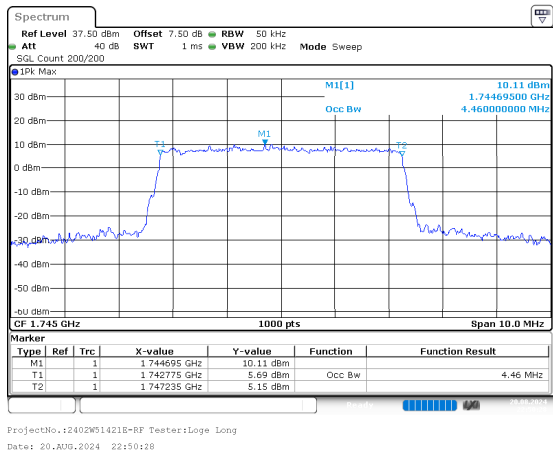
26dB Bandwidth



5MHz_Middle_16QAM_25@0

Occupied Bandwidth

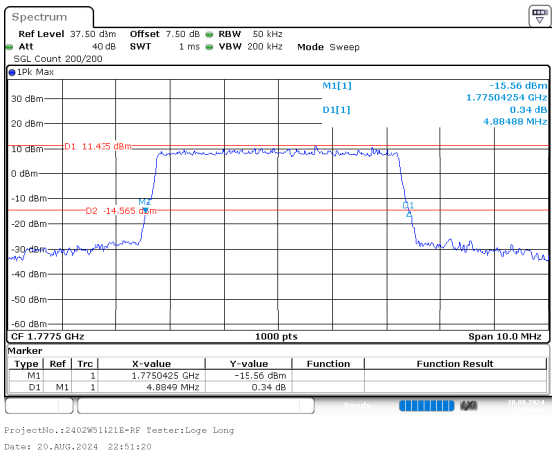
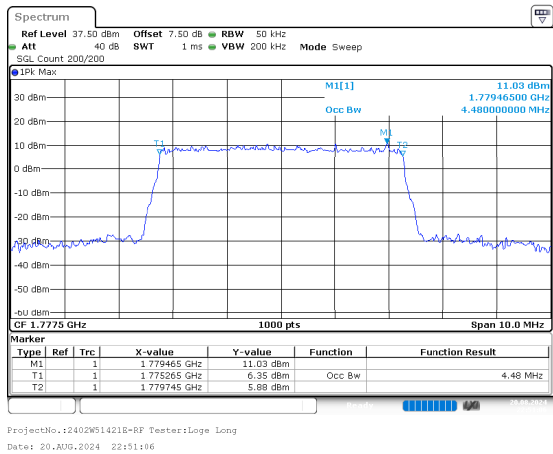
26dB Bandwidth



5MHz_High_QPSK_25@0

Occupied Bandwidth

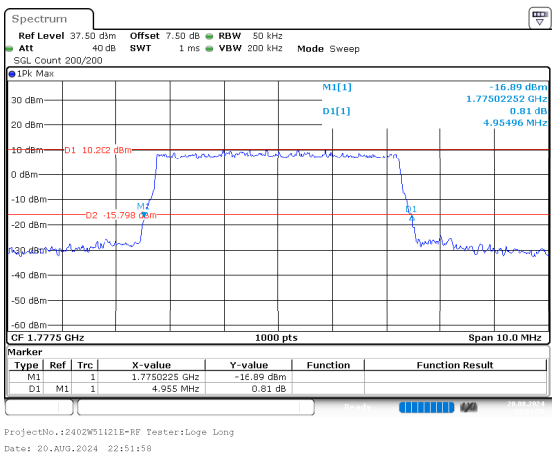
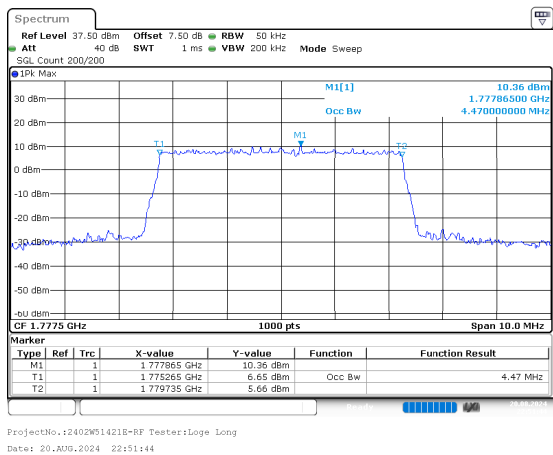
26dB Bandwidth



5MHz_High_16QAM_25@0

Occupied Bandwidth

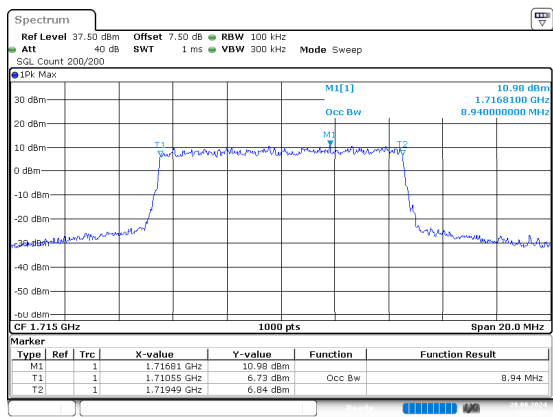
26dB Bandwidth



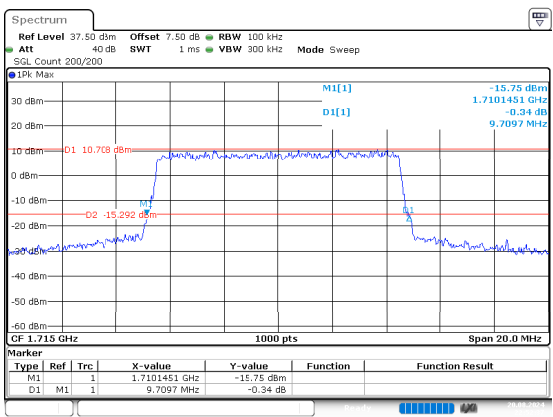
10MHz_Low_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:52:25

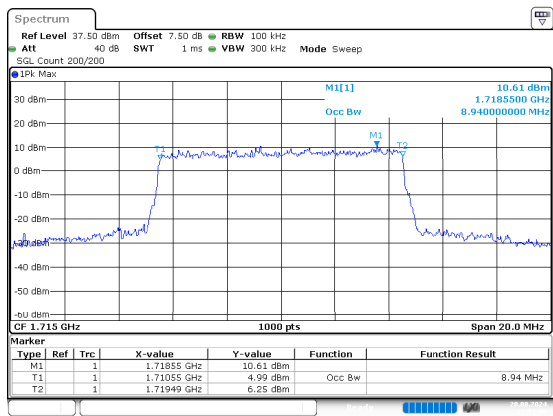


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:52:37

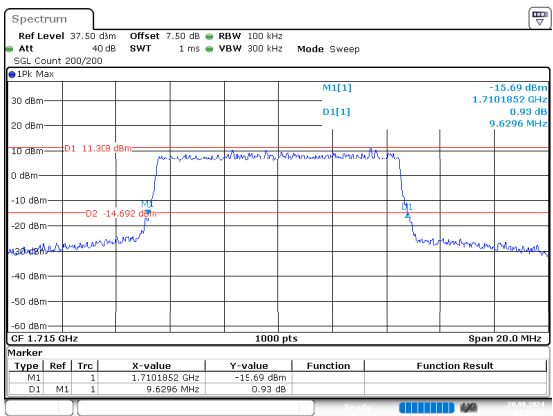
10MHz_Low_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:53:01

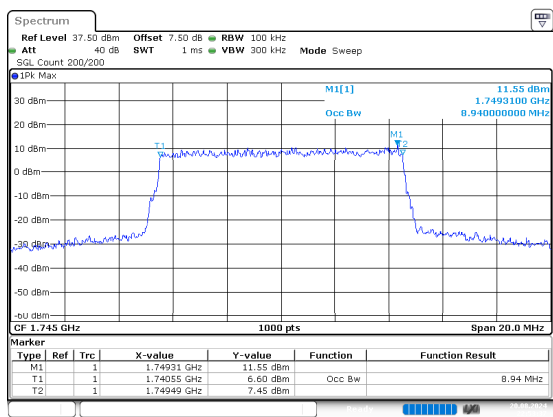


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:53:13

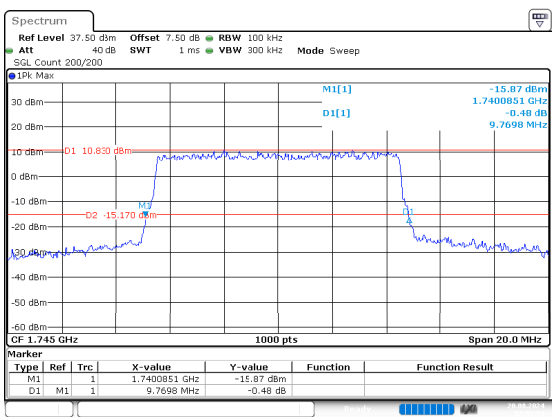
10MHz_Middle_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:53:18

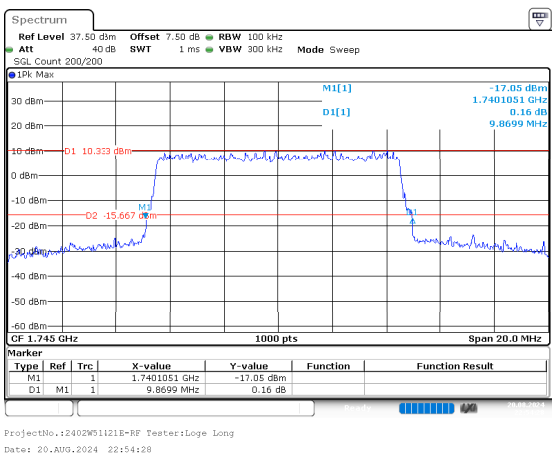
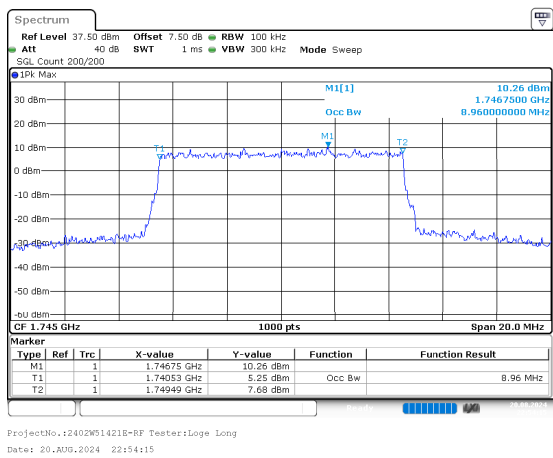


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:53:51

10MHz_Middle_16QAM_50@0

Occupied Bandwidth

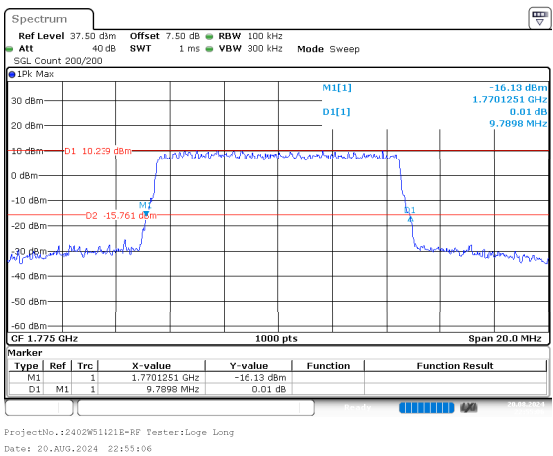
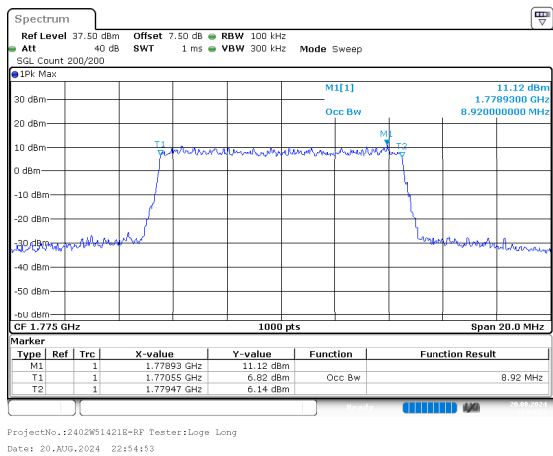
26dB Bandwidth



10MHz_High_QPSK_50@0

Occupied Bandwidth

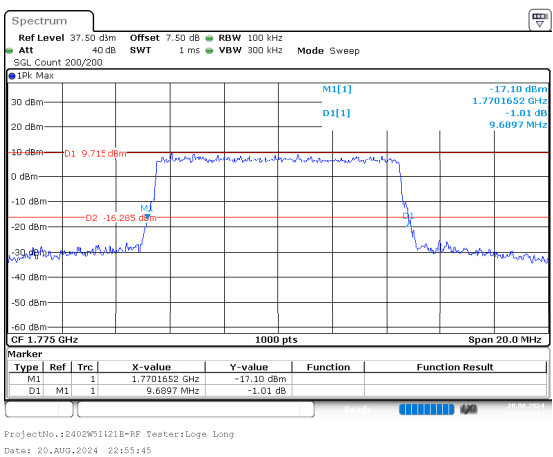
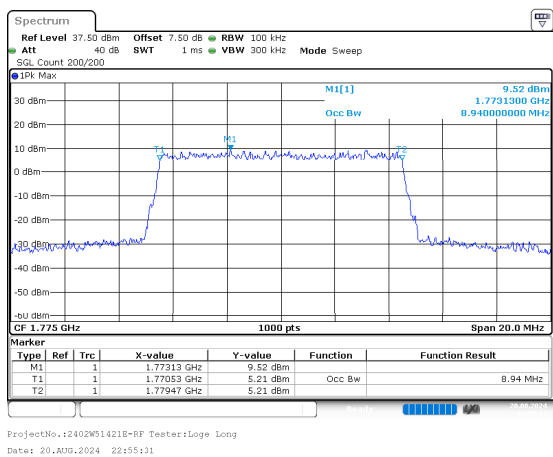
26dB Bandwidth



10MHz_High_16QAM_50@0

Occupied Bandwidth

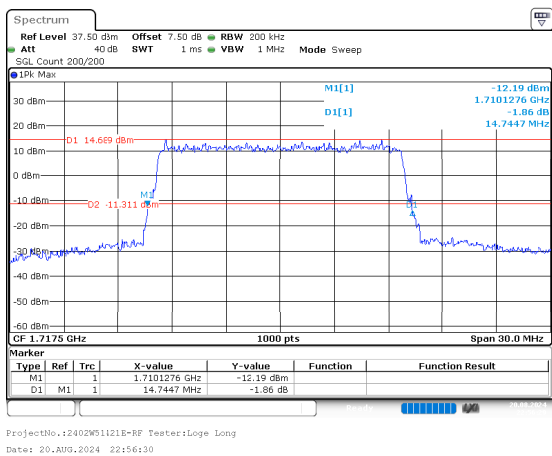
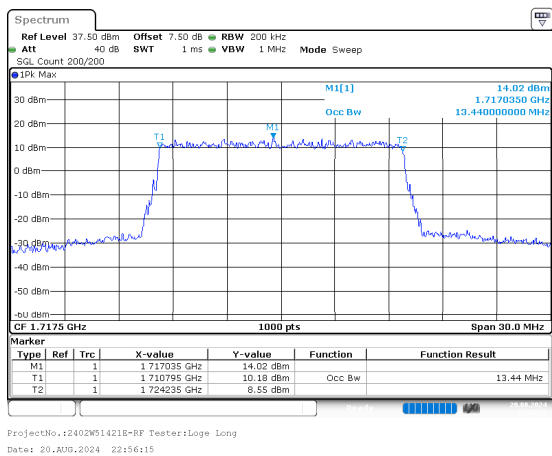
26dB Bandwidth



15MHz_Low_QPSK_75@0

Occupied Bandwidth

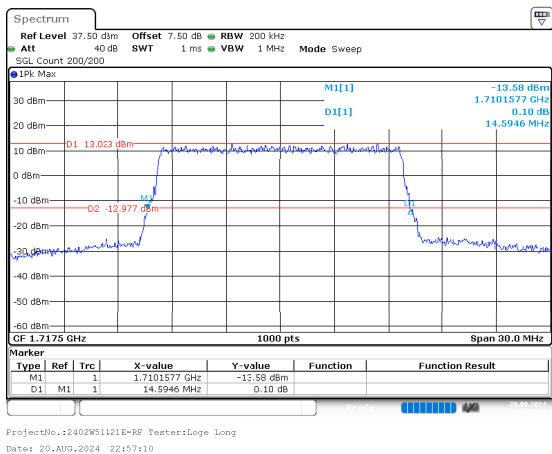
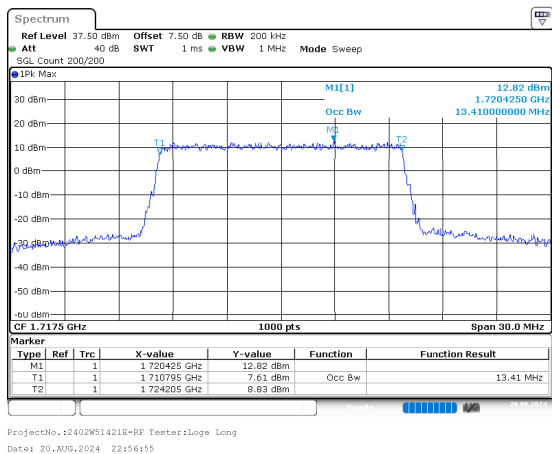
26dB Bandwidth



15MHz_Low_16QAM_75@0

Occupied Bandwidth

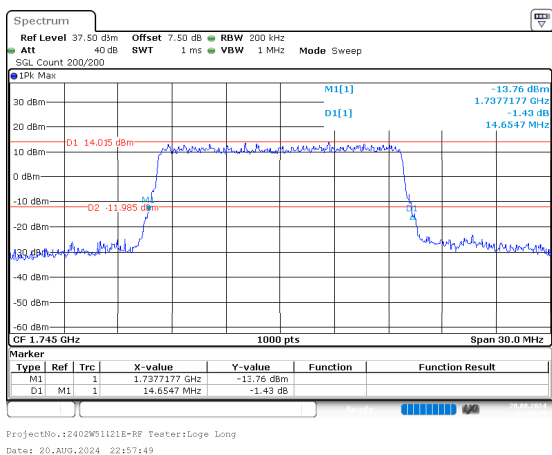
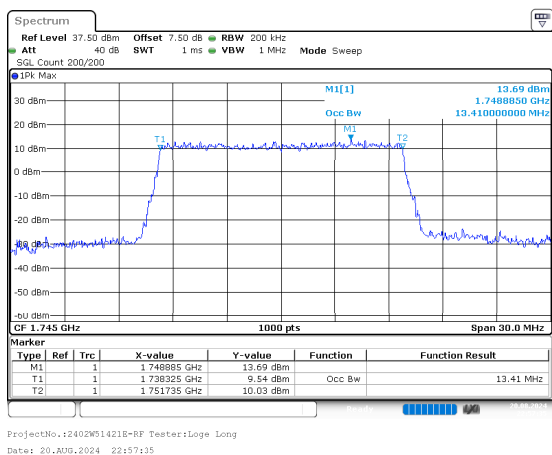
26dB Bandwidth



15MHz_Middle_QPSK_75@0

Occupied Bandwidth

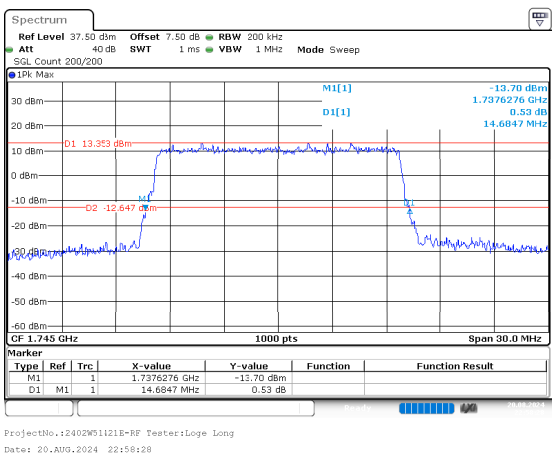
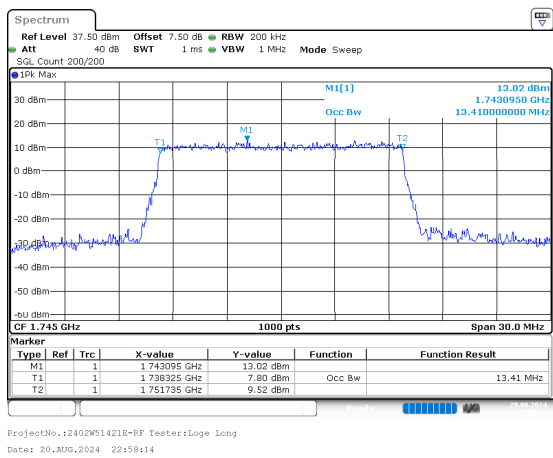
26dB Bandwidth



15MHz_Middle_16QAM_75@0

Occupied Bandwidth

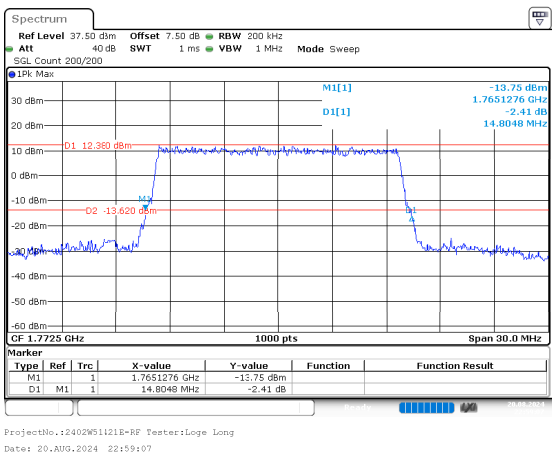
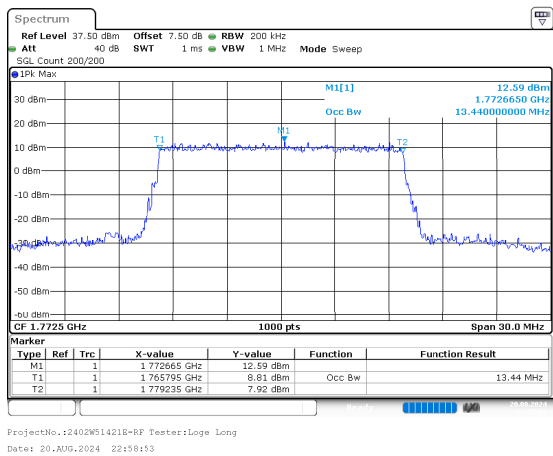
26dB Bandwidth



15MHz_High_QPSK_75@0

Occupied Bandwidth

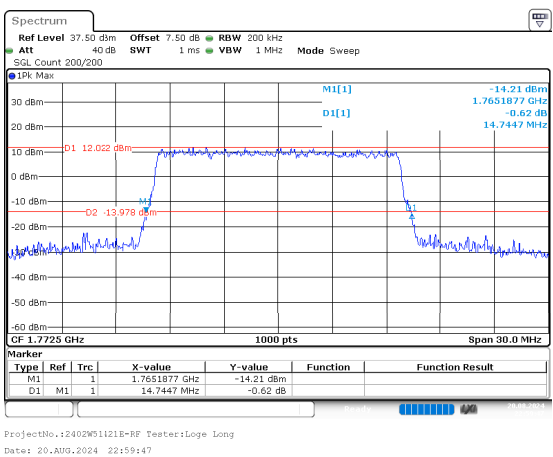
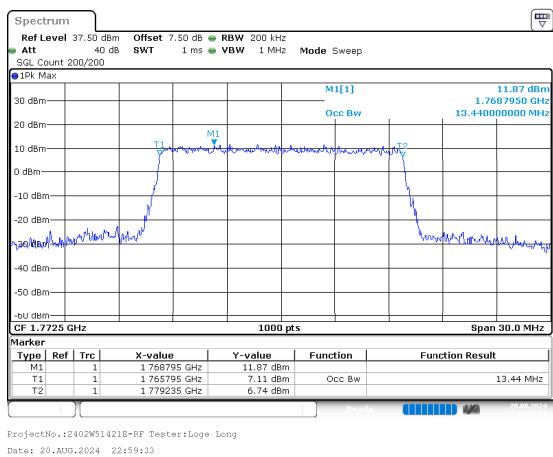
26dB Bandwidth



15MHz_High_16QAM_75@0

Occupied Bandwidth

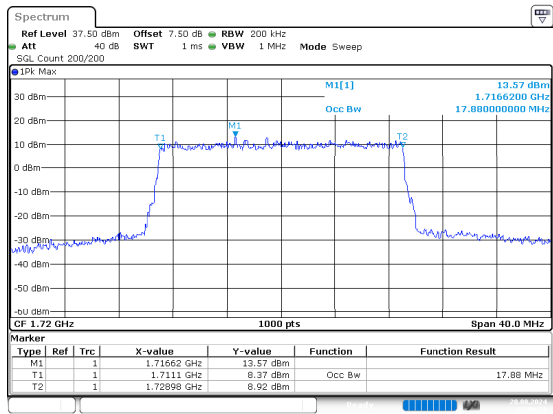
26dB Bandwidth



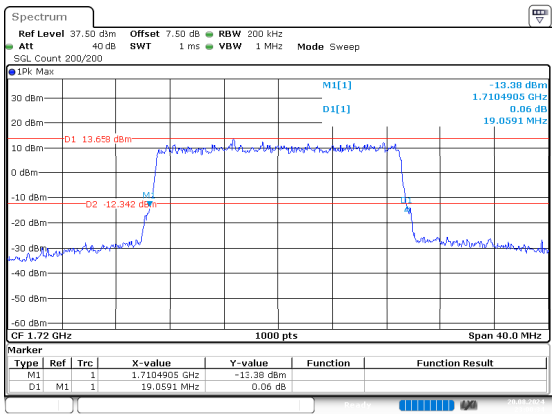
20MHz_Low_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 23:00:18

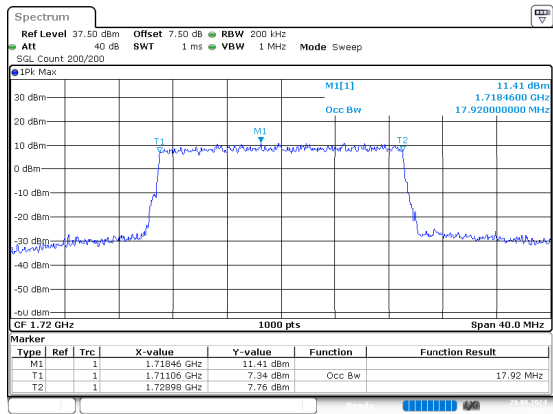


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 23:00:34

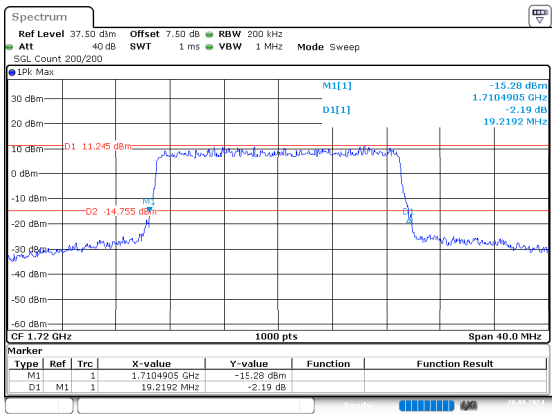
20MHz_Low_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 23:01:01

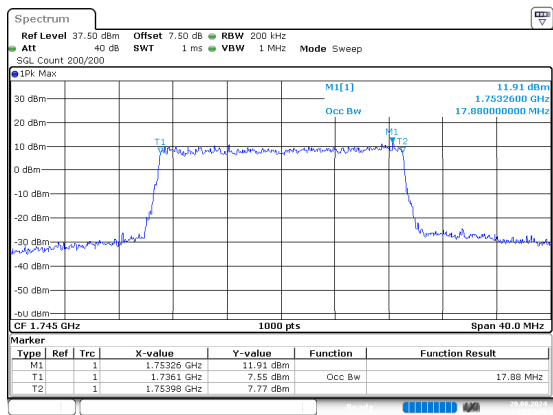


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 23:01:17

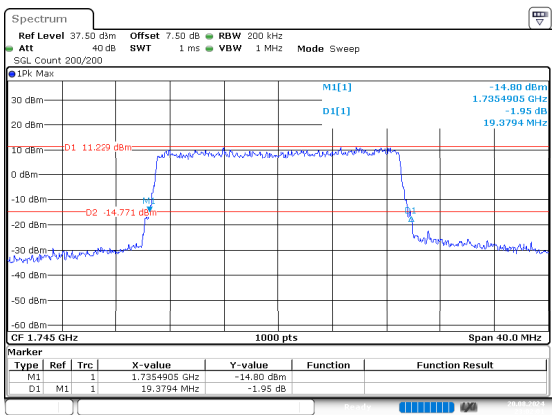
20MHz_Middle_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 23:01:45

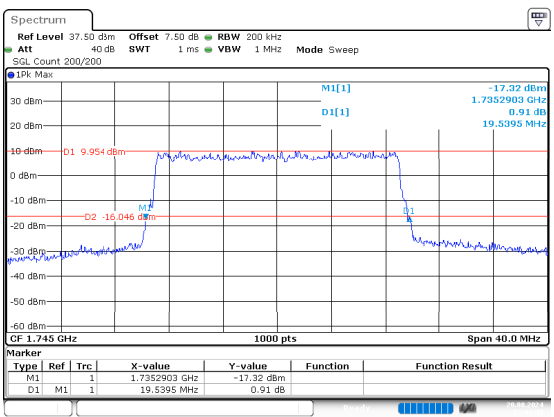
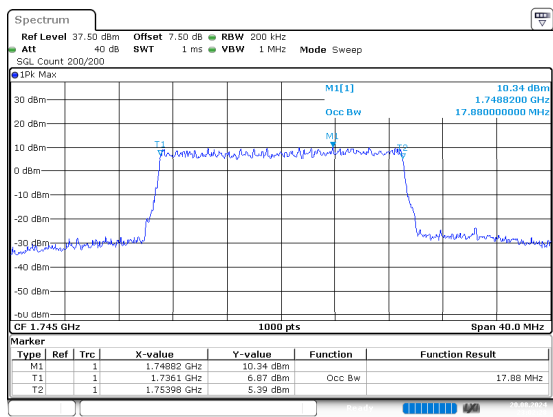


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 23:02:01

20MHz_Middle_16QAM_100@0

Occupied Bandwidth

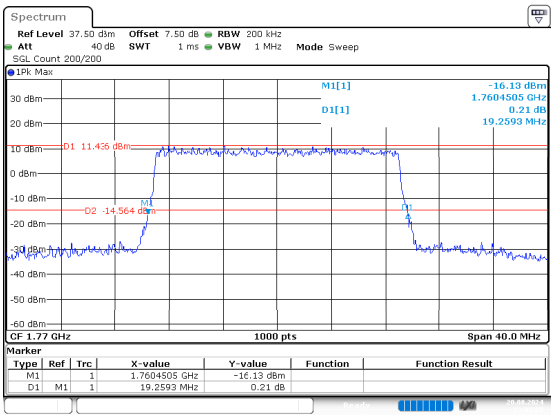
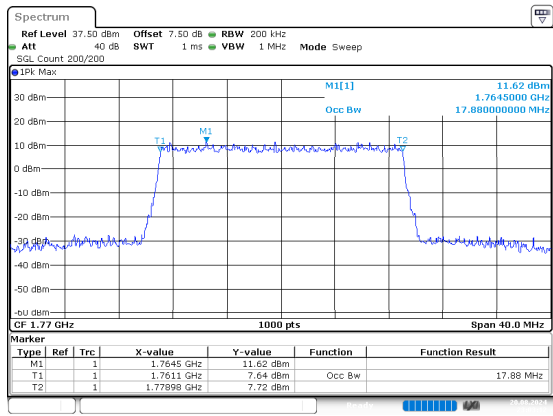
26dB Bandwidth



20MHz_High_QPSK_100@0

Occupied Bandwidth

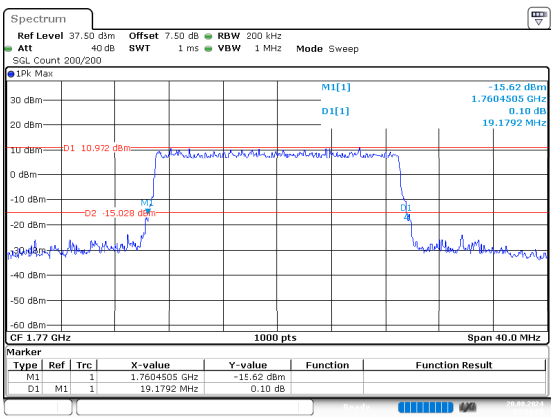
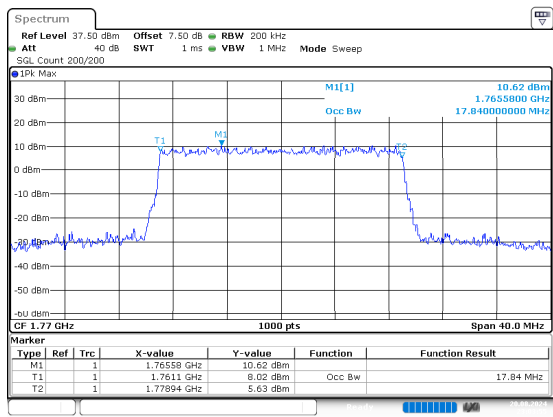
26dB Bandwidth



20MHz_High_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth

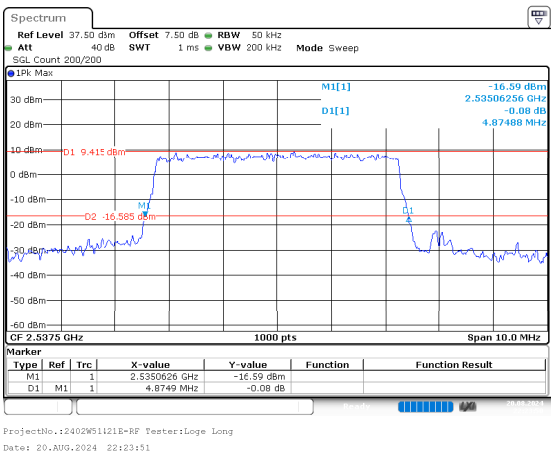
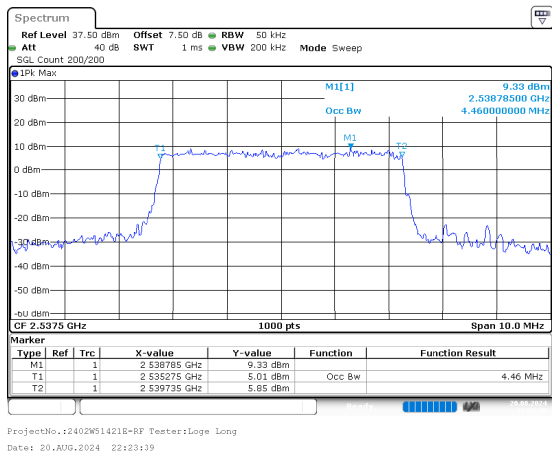


B41_2 , Normal

2_5MHz_Low_QPSK_25@0

Occupied Bandwidth

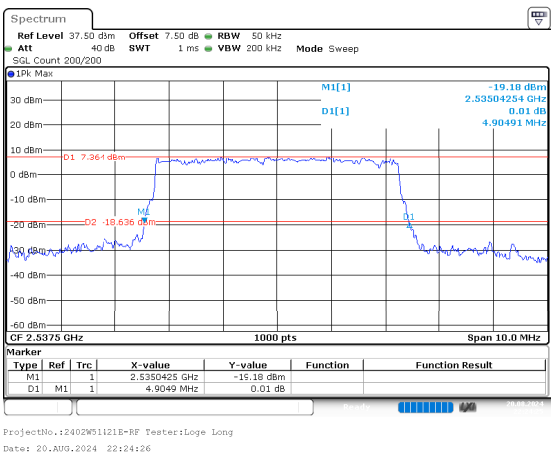
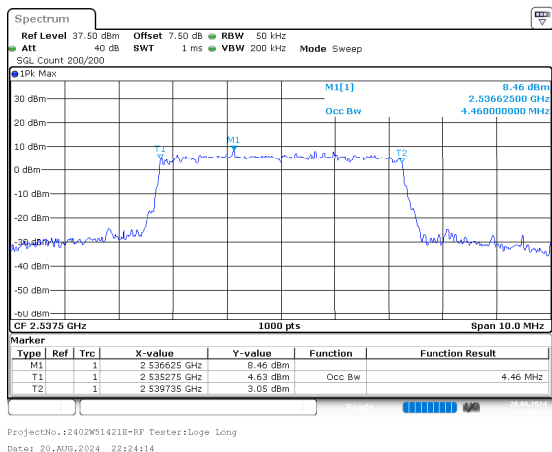
26dB Bandwidth



2_5MHz_Low_16QAM_25@0

Occupied Bandwidth

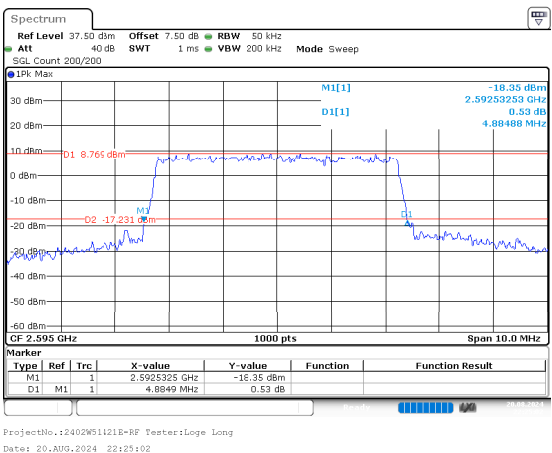
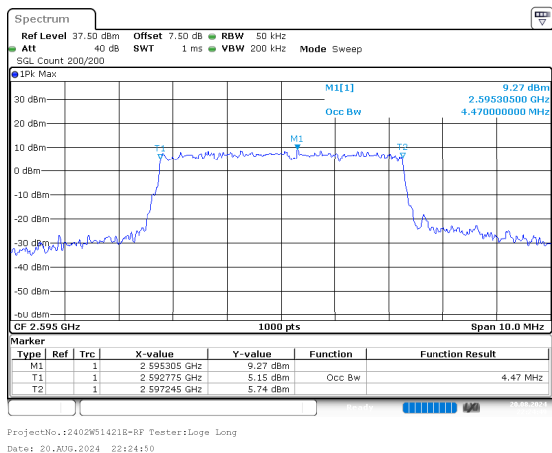
26dB Bandwidth



2_5MHz_Middle_QPSK_25@0

Occupied Bandwidth

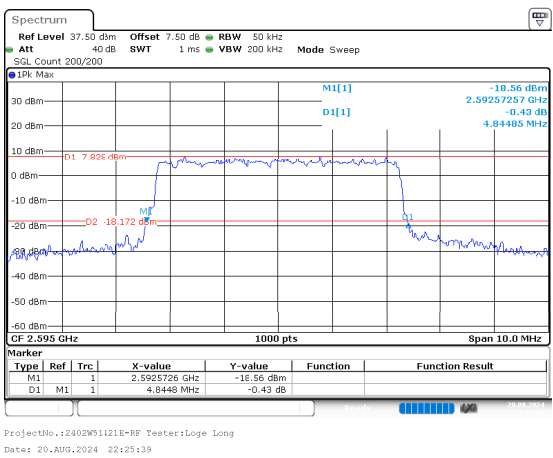
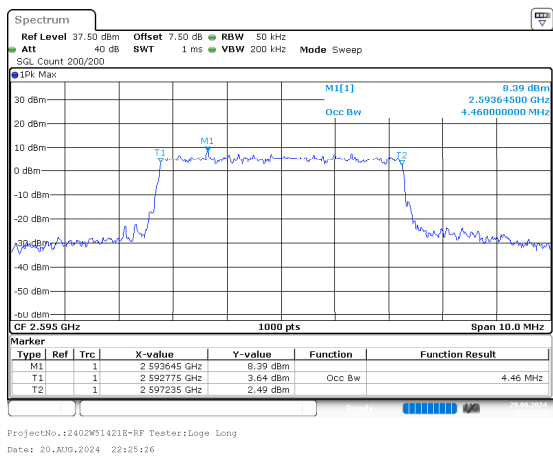
26dB Bandwidth



2_5MHz_Middle_16QAM_25@0

Occupied Bandwidth

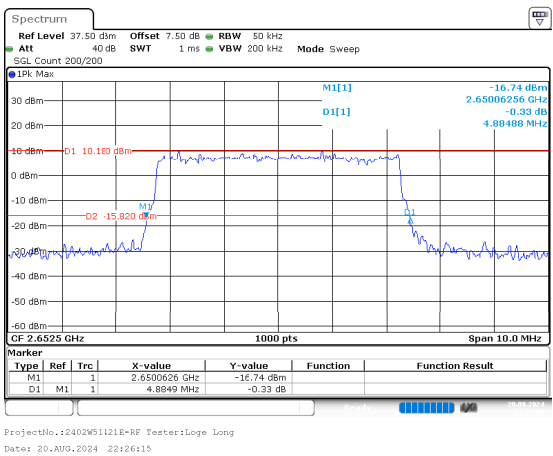
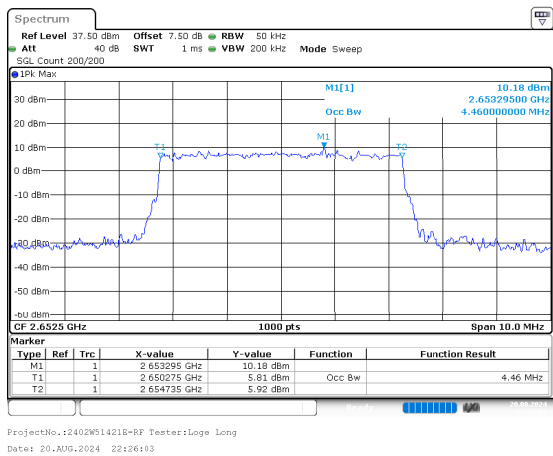
26dB Bandwidth



2_5MHz_High_QPSK_25@0

Occupied Bandwidth

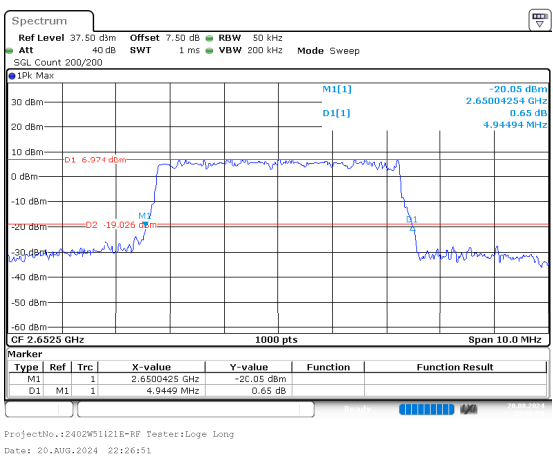
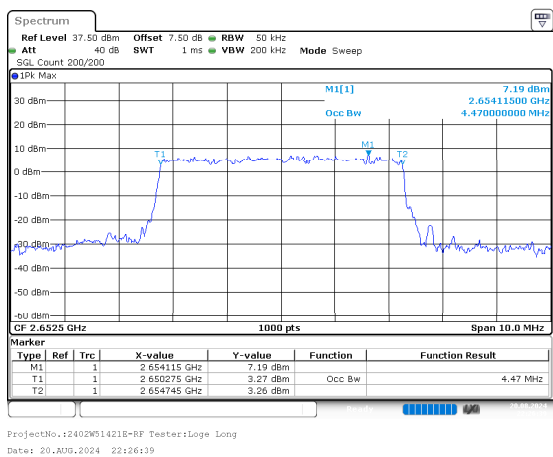
26dB Bandwidth



2_5MHz_High_16QAM_25@0

Occupied Bandwidth

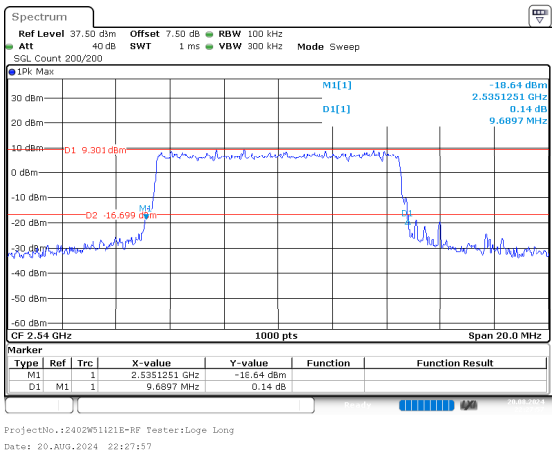
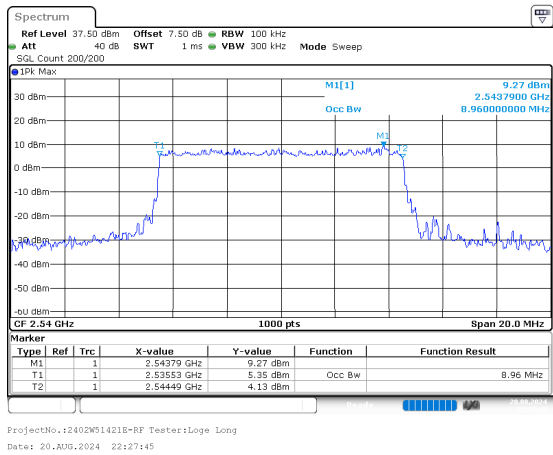
26dB Bandwidth



2_10MHz_Low_QPSK_50@0

Occupied Bandwidth

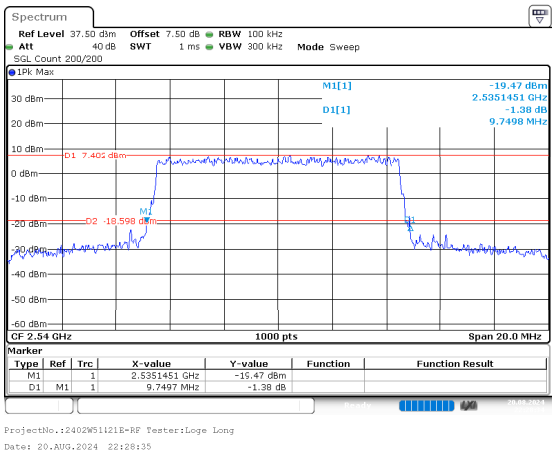
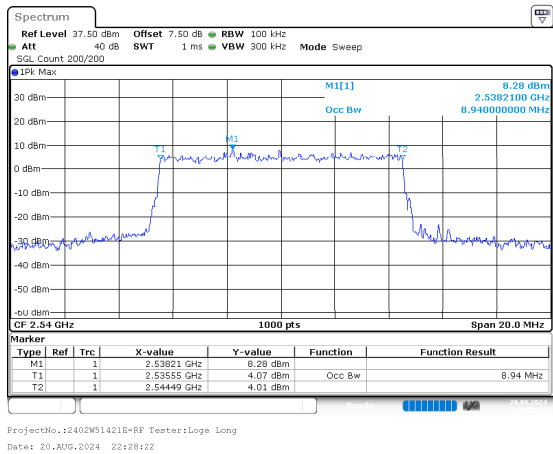
26dB Bandwidth



2_10MHz_Low_16QAM_50@0

Occupied Bandwidth

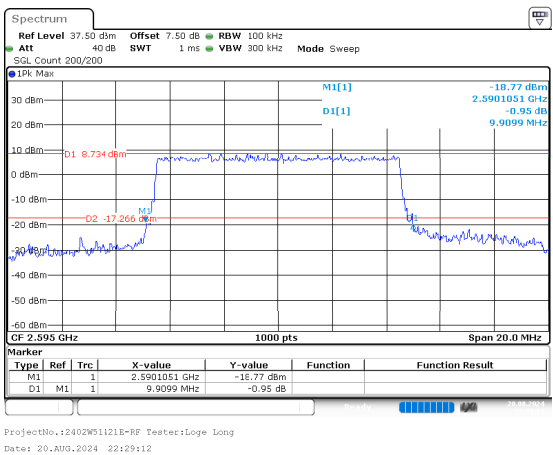
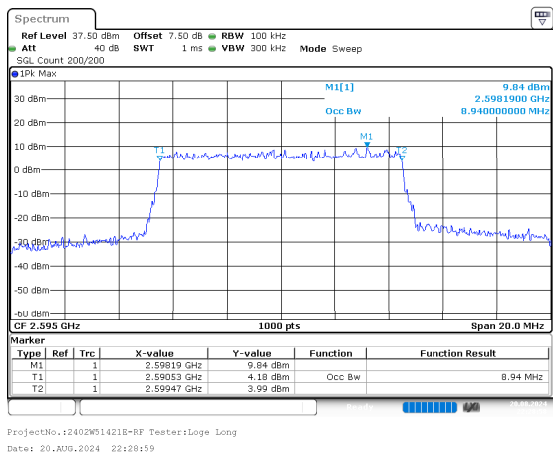
26dB Bandwidth



2_10MHz_Middle_QPSK_50@0

Occupied Bandwidth

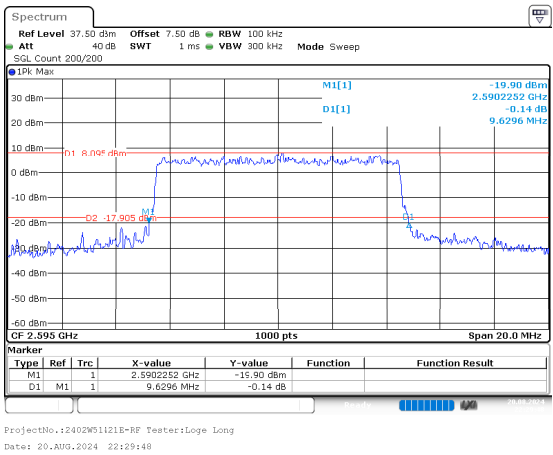
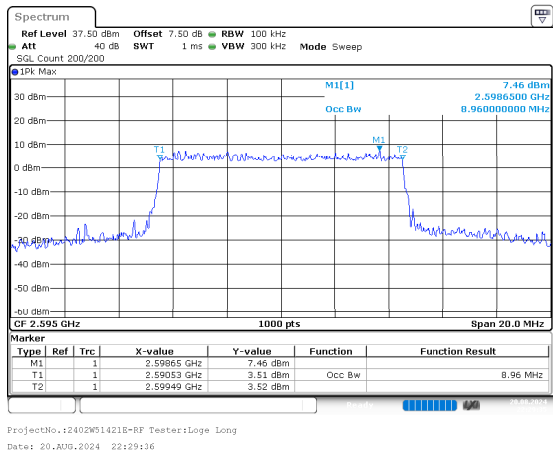
26dB Bandwidth



2_10MHz_Middle_16QAM_50@0

Occupied Bandwidth

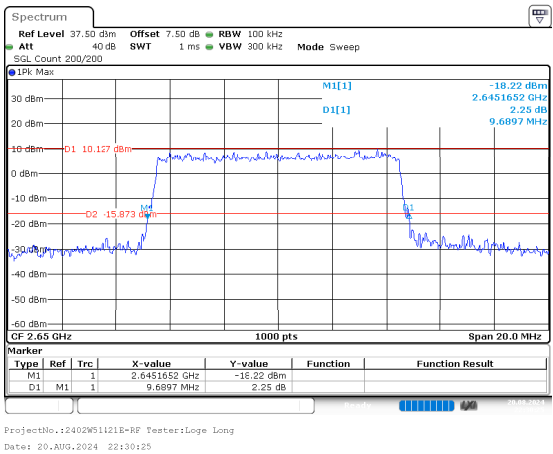
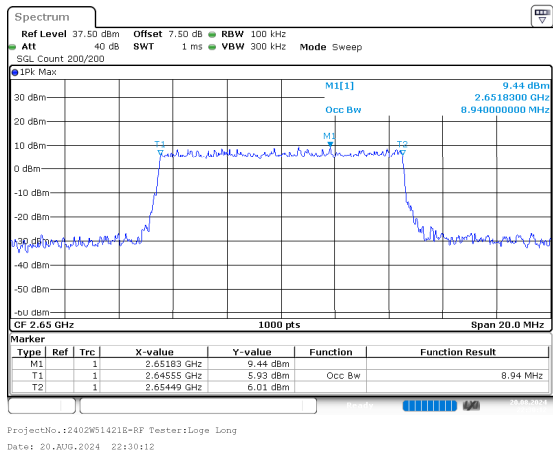
26dB Bandwidth



2_10MHz_High_QPSK_50@0

Occupied Bandwidth

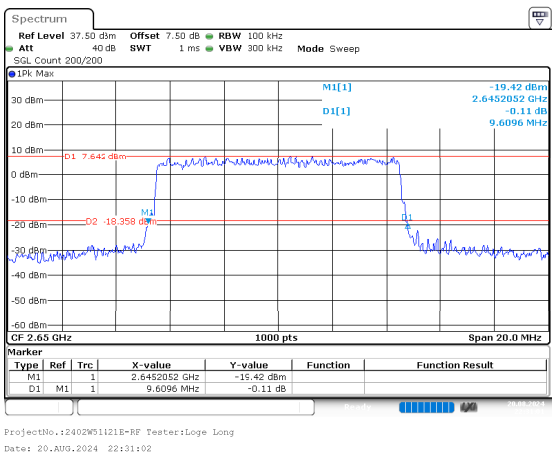
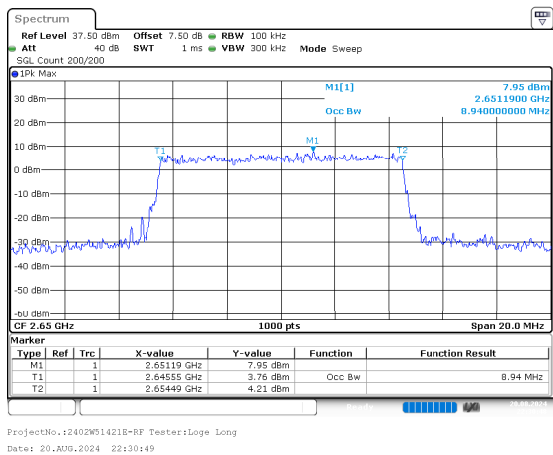
26dB Bandwidth



2_10MHz_High_16QAM_50@0

Occupied Bandwidth

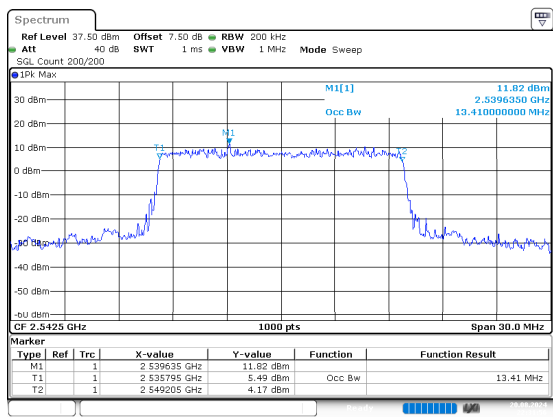
26dB Bandwidth



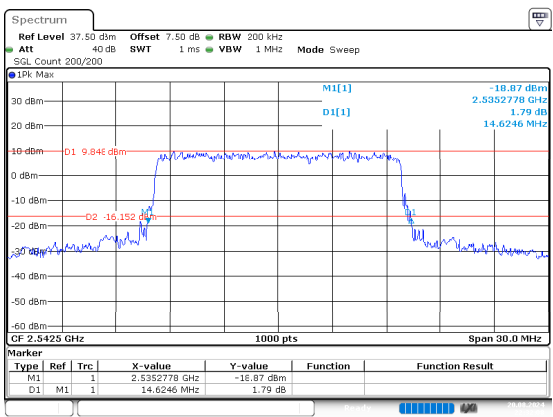
2_15MHz_Low_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:31:56



ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:32:09

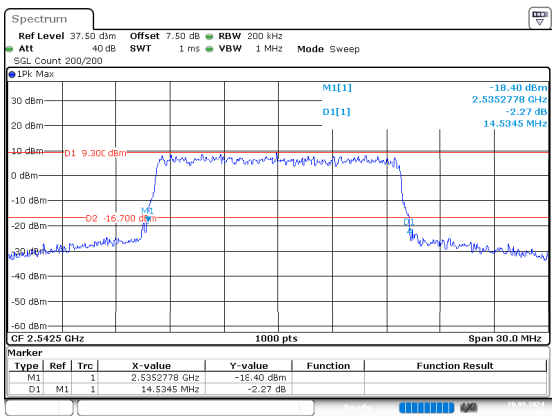
2_15MHz_Low_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:32:32

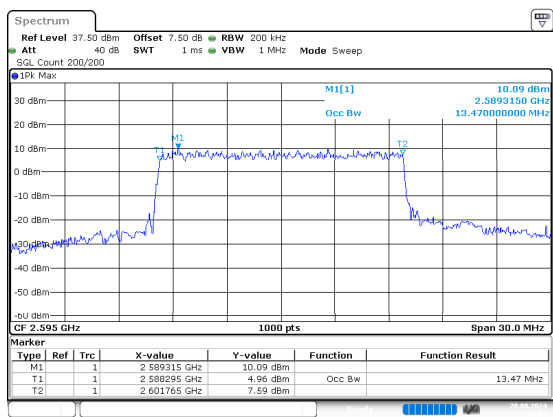


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:32:45

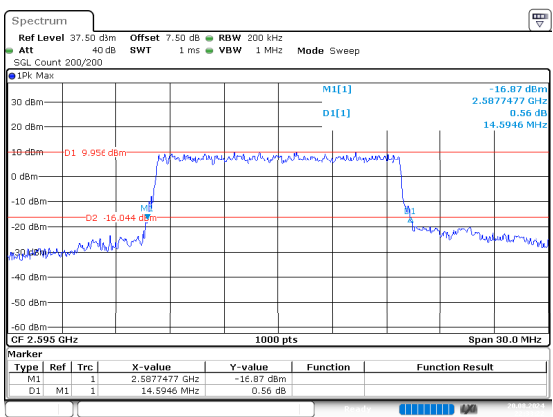
2_15MHz_Middle_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 20.AUG.2024 22:33:09

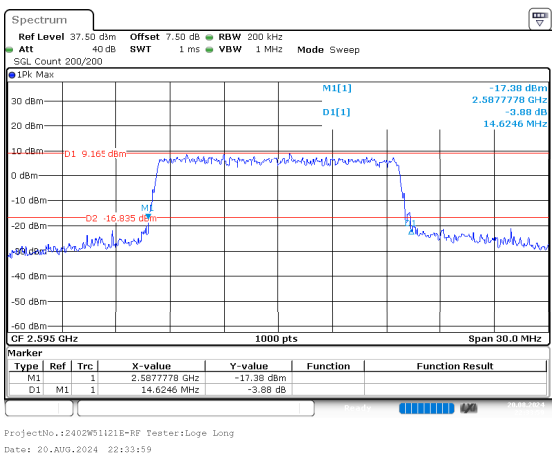
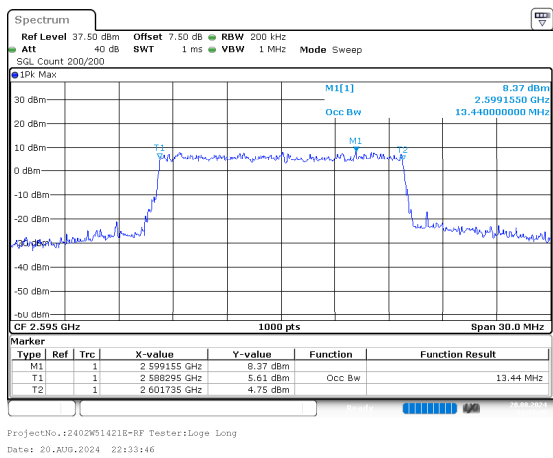


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 20.AUG.2024 22:33:22

2_15MHz_Middle_16QAM_75@0

Occupied Bandwidth

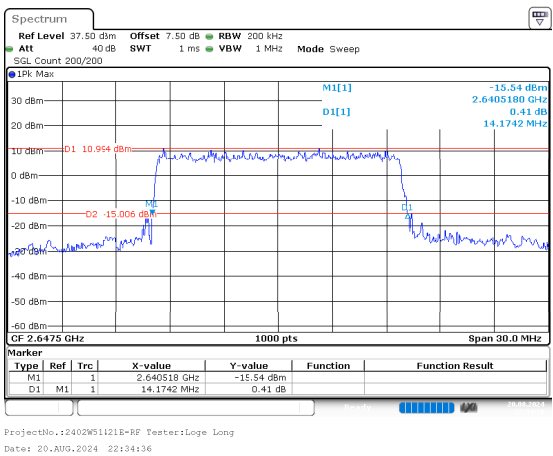
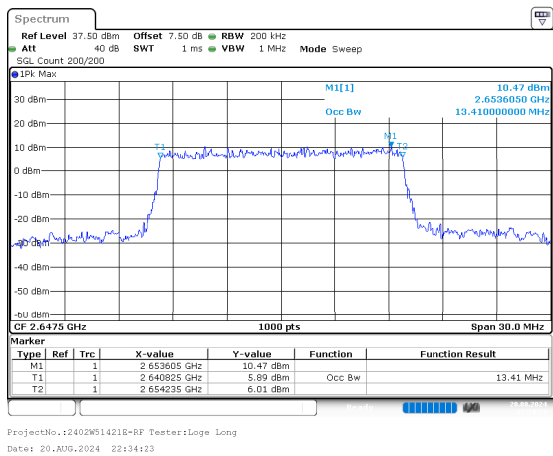
26dB Bandwidth



2_15MHz_High_QPSK_75@0

Occupied Bandwidth

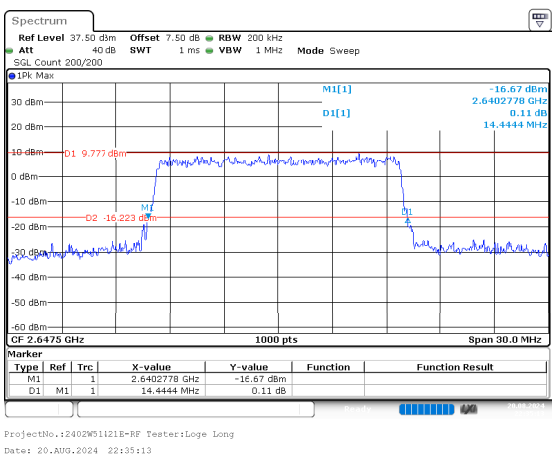
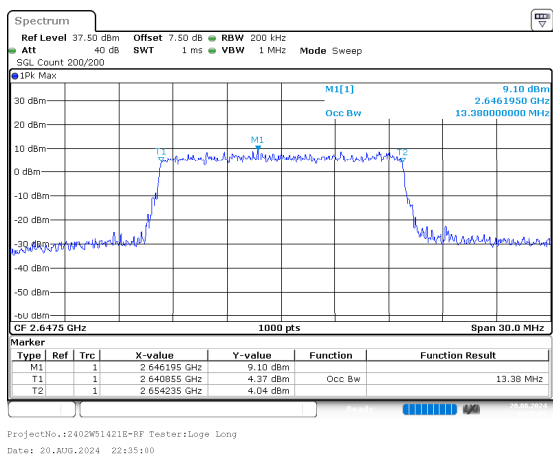
26dB Bandwidth



2_15MHz_High_16QAM_75@0

Occupied Bandwidth

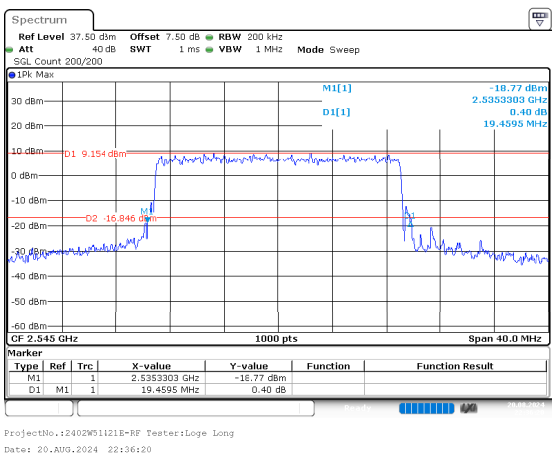
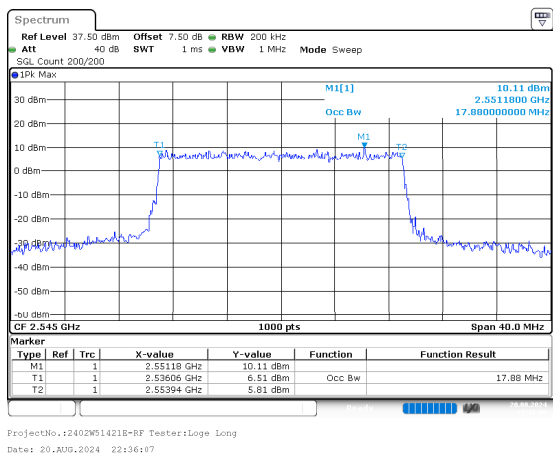
26dB Bandwidth



2_20MHz_Low_QPSK_100@0

Occupied Bandwidth

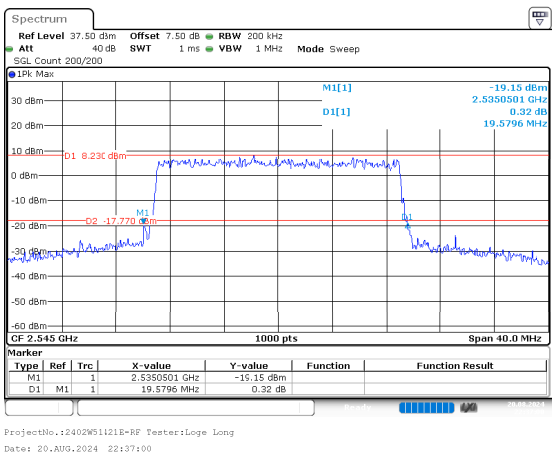
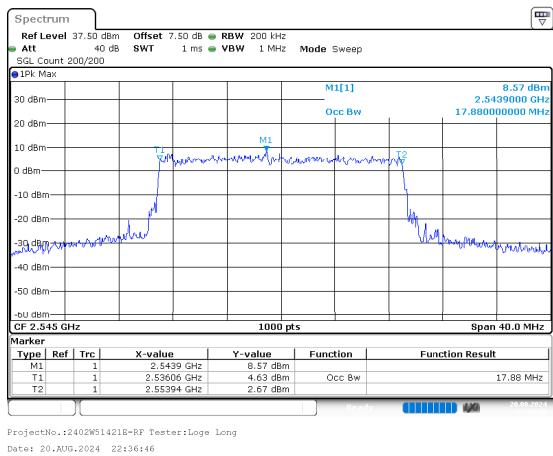
26dB Bandwidth



2_20MHz_Low_16QAM_100@0

Occupied Bandwidth

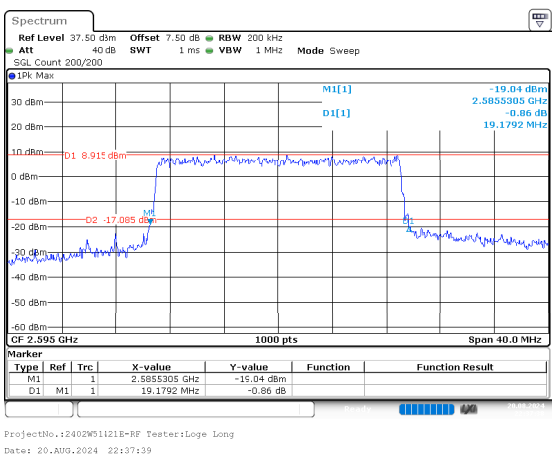
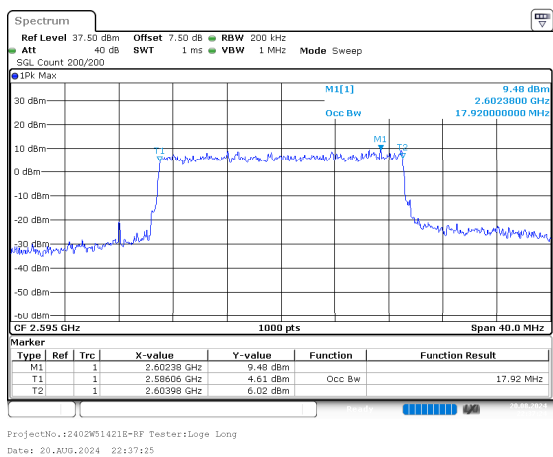
26dB Bandwidth



2_20MHz_Middle_QPSK_100@0

Occupied Bandwidth

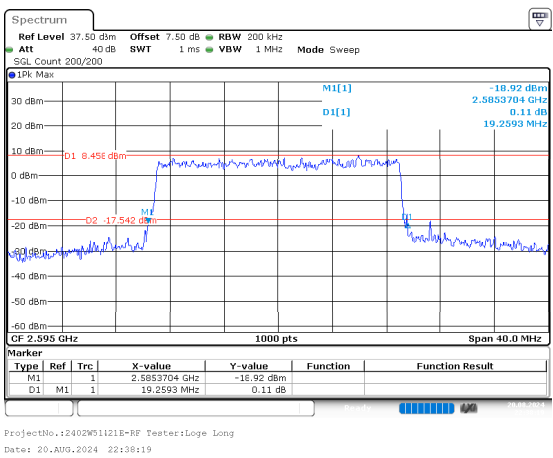
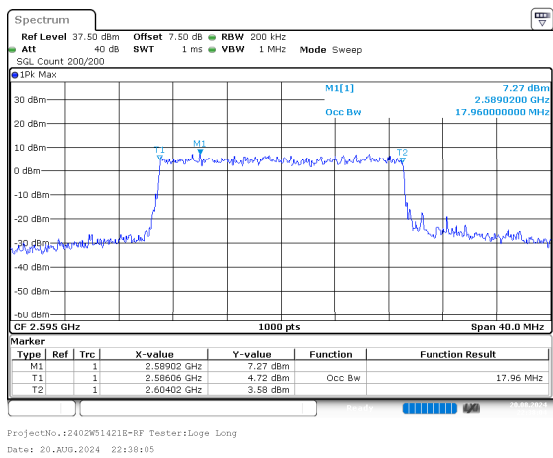
26dB Bandwidth



2_20MHz_Middle_16QAM_100@0

Occupied Bandwidth

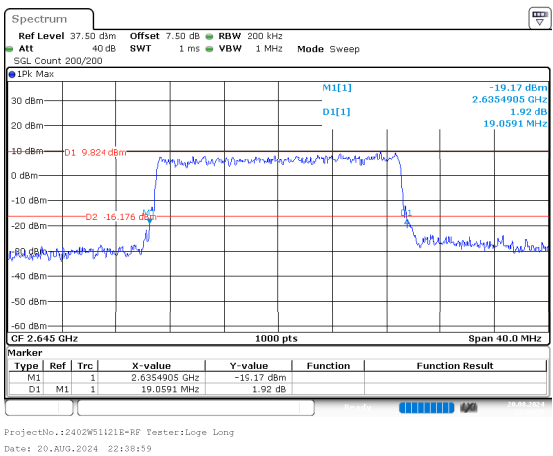
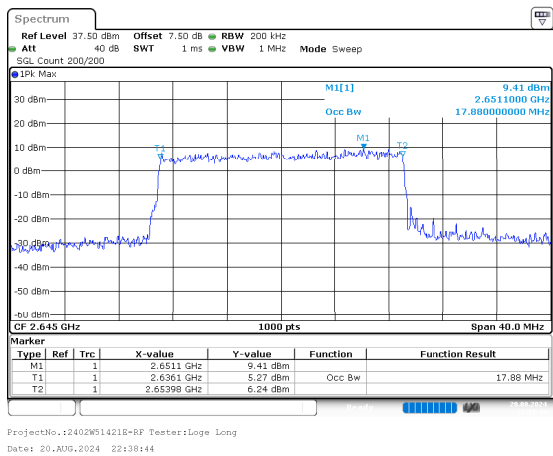
26dB Bandwidth



2_20MHz_High_QPSK_100@0

Occupied Bandwidth

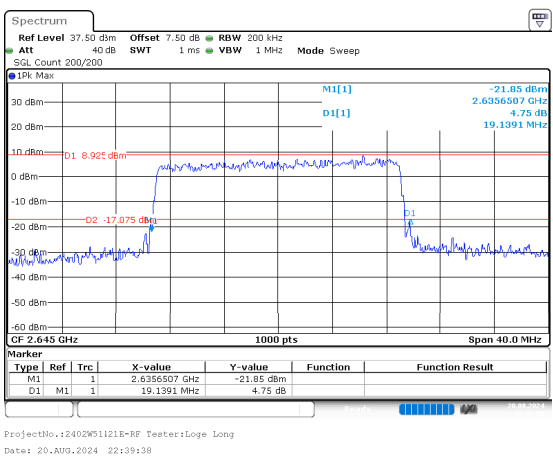
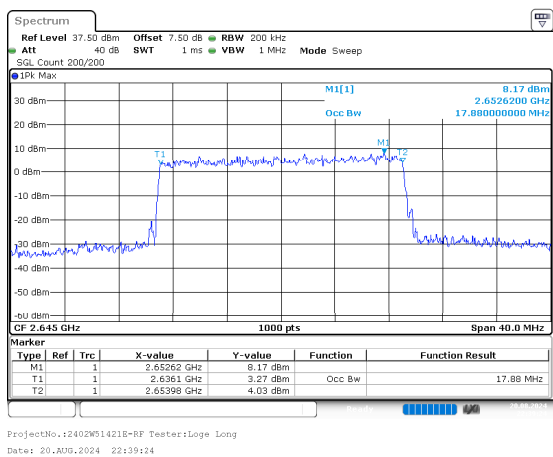
26dB Bandwidth



2_20MHz_High_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



FCC Part 27 & IC RSS 130

B71 , Normal

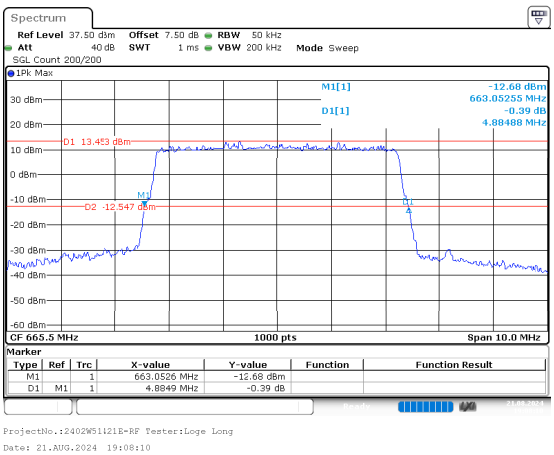
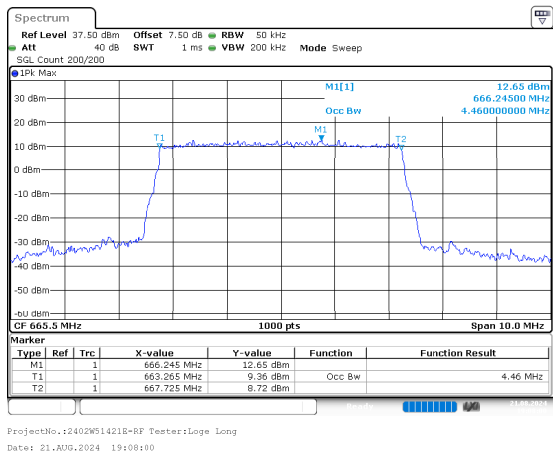
Mode	99% OBW (MHz)	EBW (MHz)
5MHz_Low_QPSK_25@0	4.460	4.885
5MHz_Low_16QAM_25@0	4.460	4.845
5MHz_Middle_QPSK_25@0	4.480	4.875
5MHz_Middle_16QAM_25@0	4.460	4.885
5MHz_High_QPSK_25@0	4.470	4.935
5MHz_High_16QAM_25@0	4.470	4.895
10MHz_Low_QPSK_50@0	8.940	9.670
10MHz_Low_16QAM_50@0	8.940	9.690
10MHz_Middle_QPSK_50@0	8.940	9.650
10MHz_Middle_16QAM_50@0	8.940	9.690
10MHz_High_QPSK_50@0	8.920	9.650
10MHz_High_16QAM_50@0	8.920	9.630
15MHz_Low_QPSK_75@0	13.440	14.715
15MHz_Low_16QAM_75@0	13.440	14.595
15MHz_Middle_QPSK_75@0	13.380	14.505
15MHz_Middle_16QAM_75@0	13.380	14.565
15MHz_High_QPSK_75@0	13.410	14.775
15MHz_High_16QAM_75@0	13.410	14.715
20MHz_Low_QPSK_100@0	17.840	19.219
20MHz_Low_16QAM_100@0	17.840	19.059
20MHz_Middle_QPSK_100@0	17.880	19.379
20MHz_Middle_16QAM_100@0	17.800	19.099
20MHz_High_QPSK_100@0	17.880	19.099
20MHz_High_16QAM_100@0	17.880	19.379

B71 , Normal

5MHz_Low_QPSK_25@0

Occupied Bandwidth

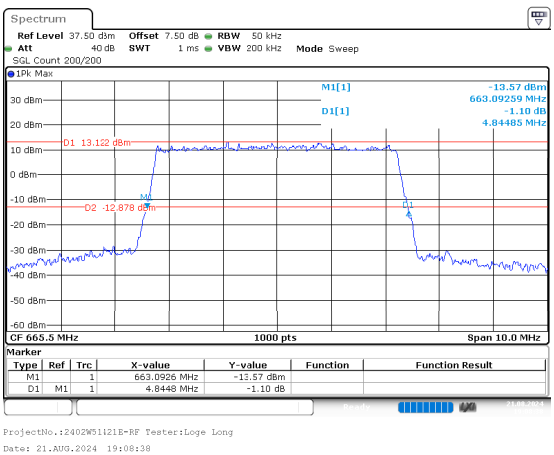
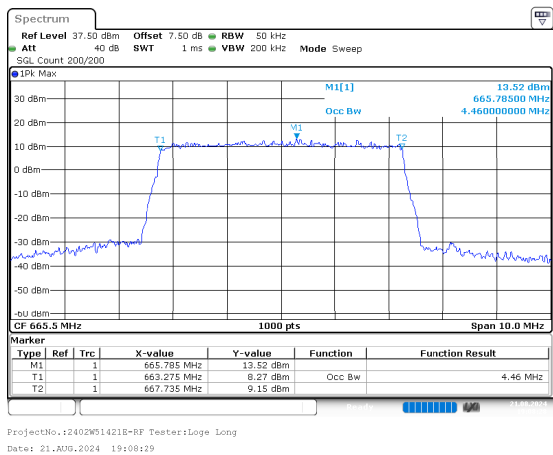
26dB Bandwidth



5MHz_Low_16QAM_25@0

Occupied Bandwidth

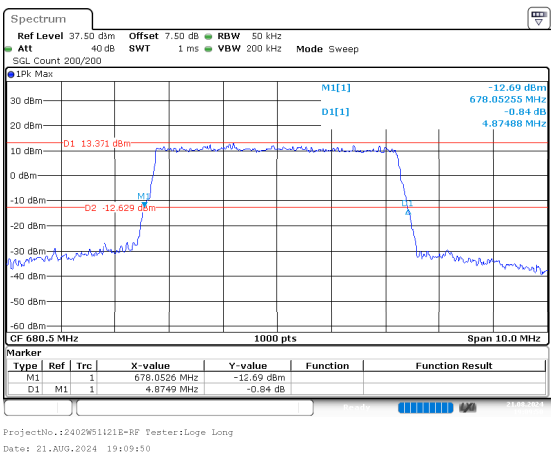
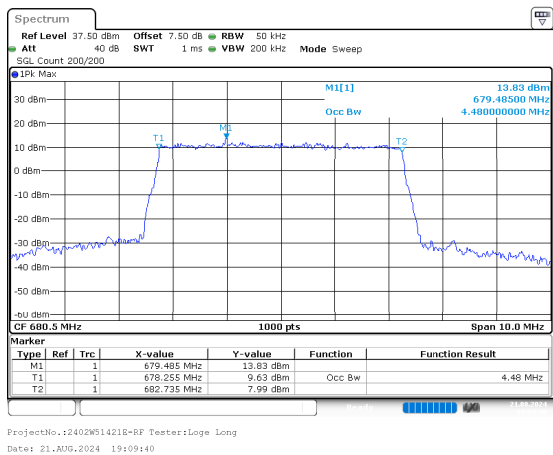
26dB Bandwidth



5MHz_Middle_QPSK_25@0

Occupied Bandwidth

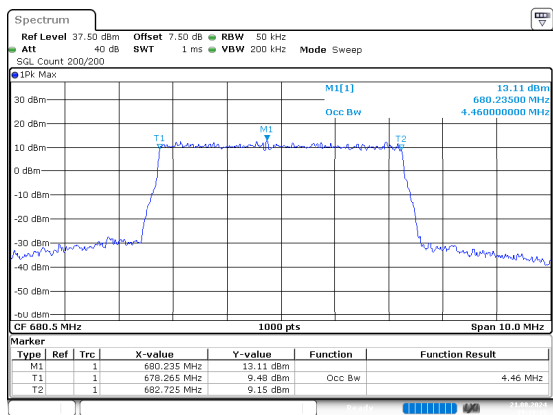
26dB Bandwidth



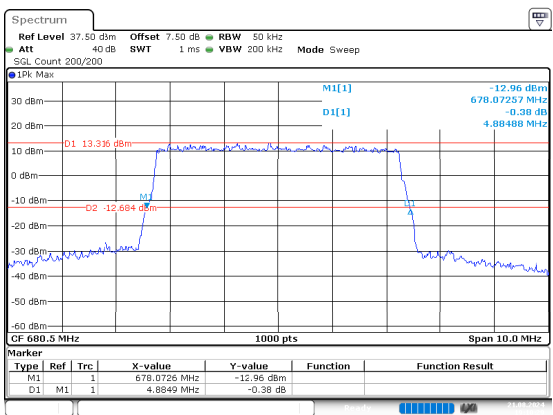
5MHz_Middle_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:10:19

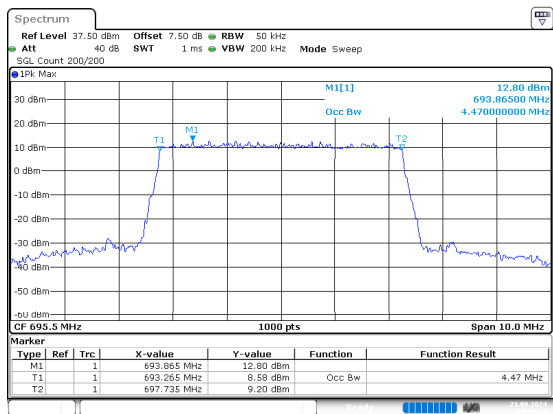


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:10:29

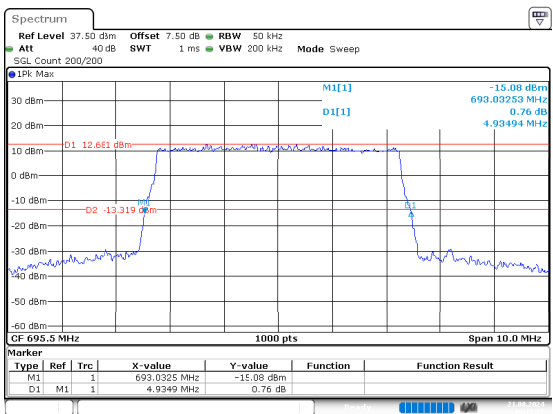
5MHz_High_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:11:26

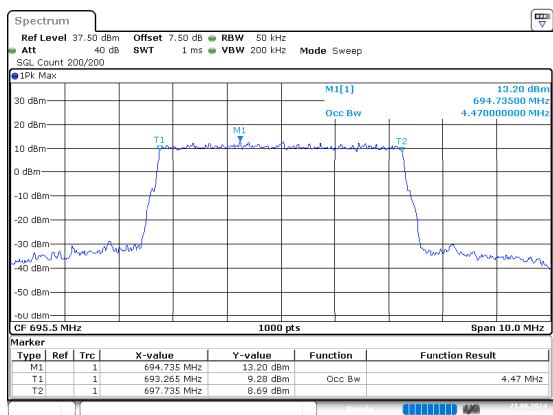


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:11:38

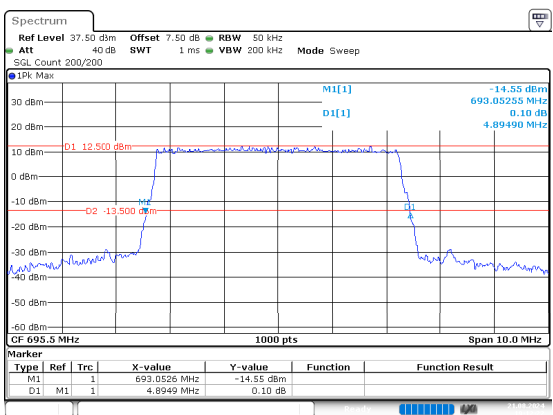
5MHz_High_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:12:11

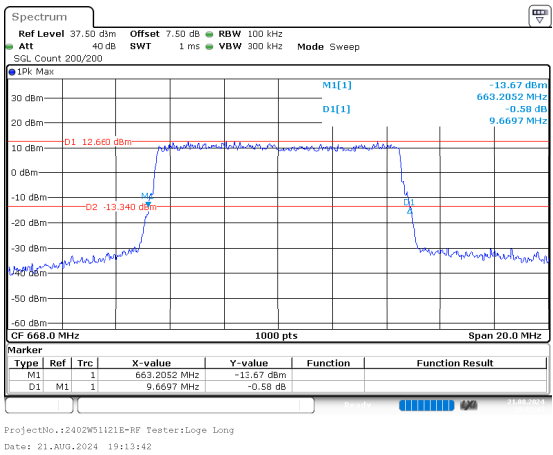
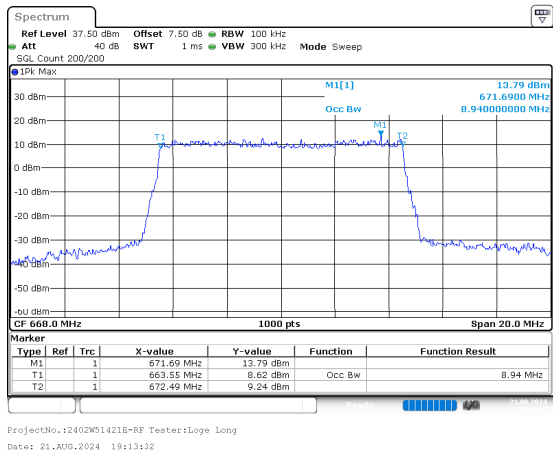


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:12:22

10MHz_Low_QPSK_50@0

Occupied Bandwidth

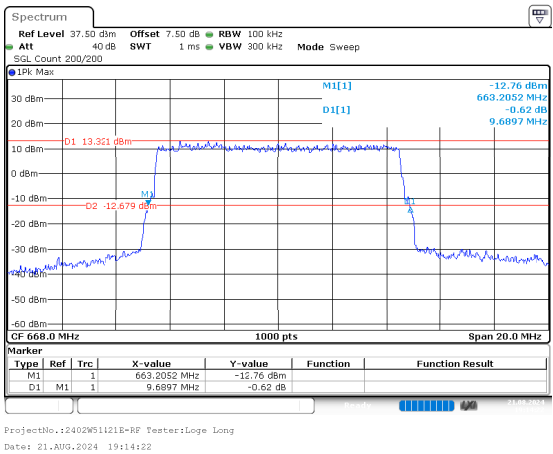
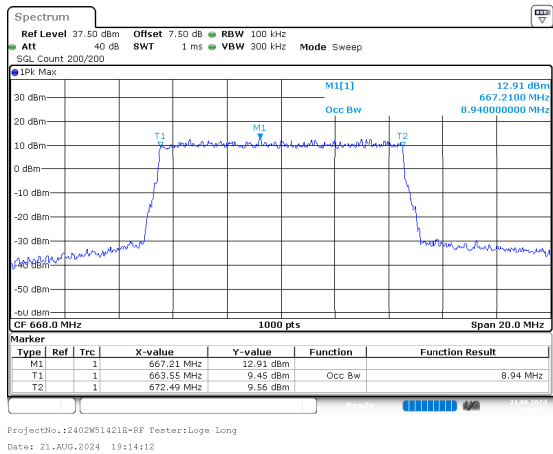
26dB Bandwidth



10MHz_Low_16QAM_50@0

Occupied Bandwidth

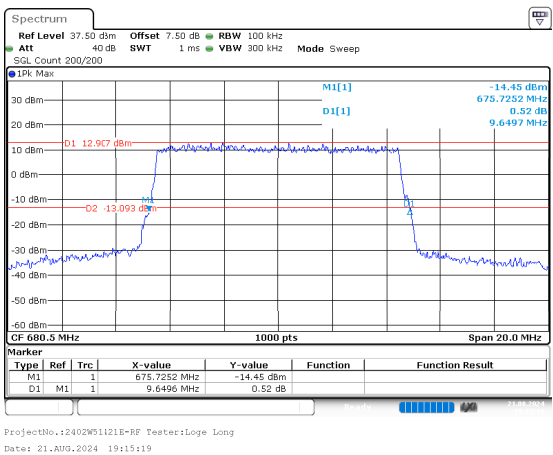
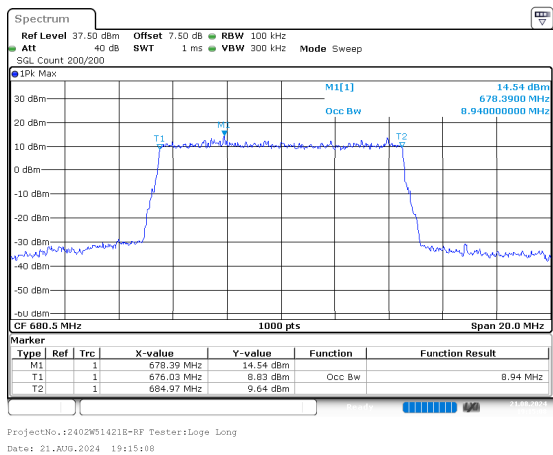
26dB Bandwidth



10MHz_Middle_QPSK_50@0

Occupied Bandwidth

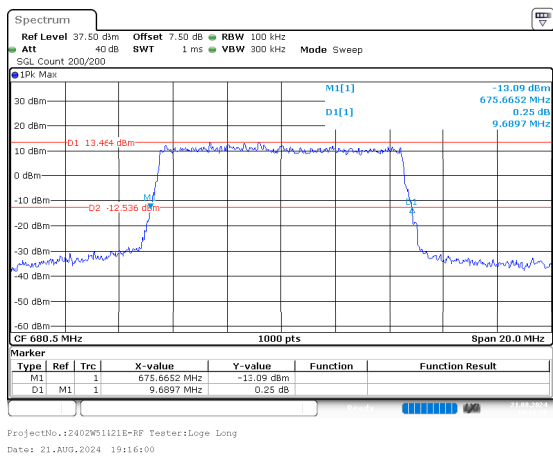
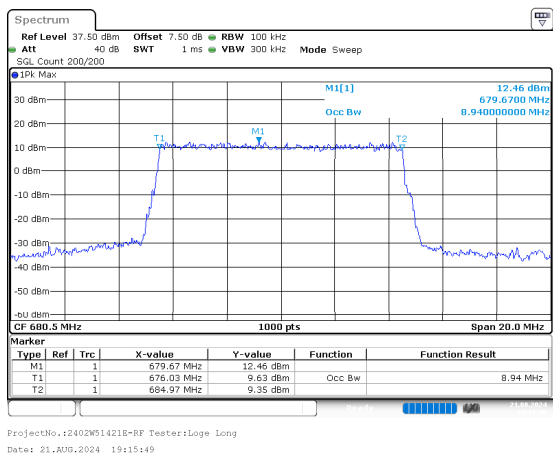
26dB Bandwidth



10MHz_Middle_16QAM_50@0

Occupied Bandwidth

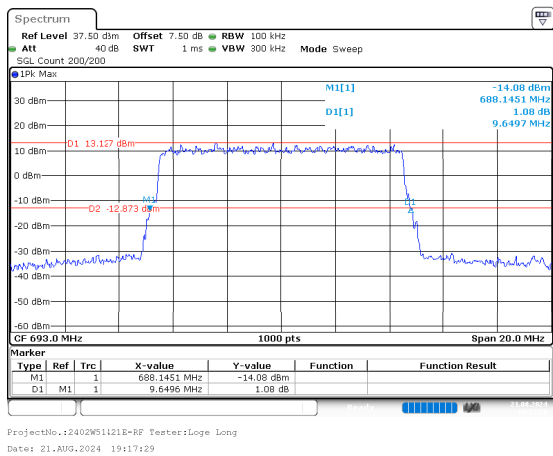
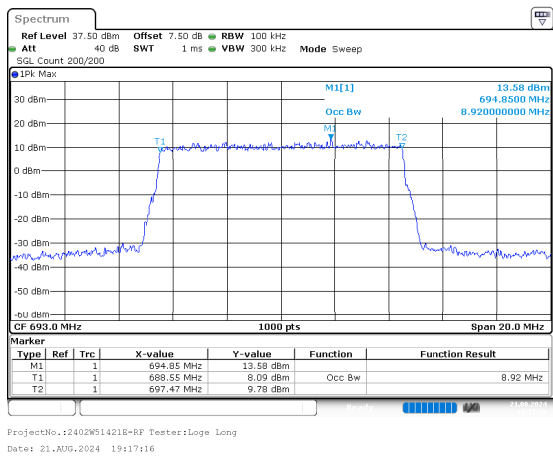
26dB Bandwidth



10MHz_High_QPSK_50@0

Occupied Bandwidth

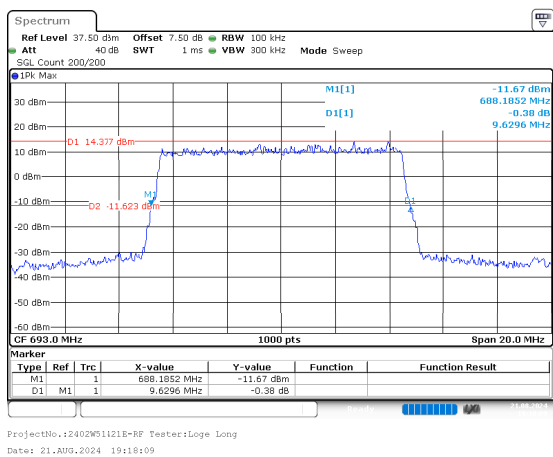
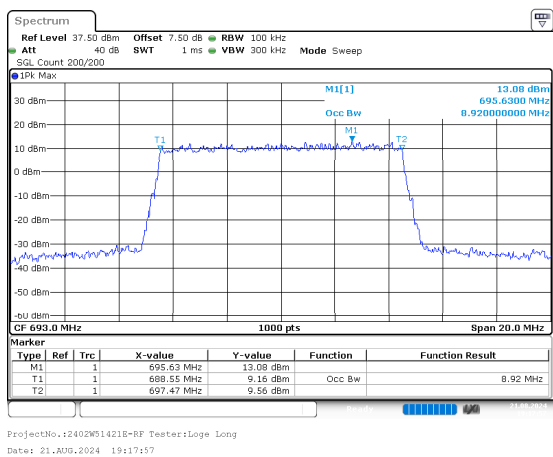
26dB Bandwidth



10MHz_High_16QAM_50@0

Occupied Bandwidth

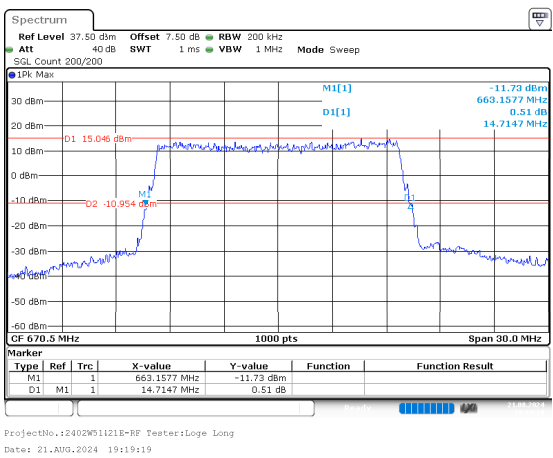
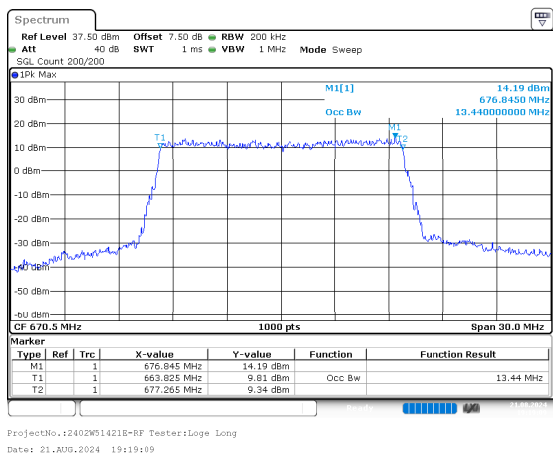
26dB Bandwidth



15MHz_Low_QPSK_75@0

Occupied Bandwidth

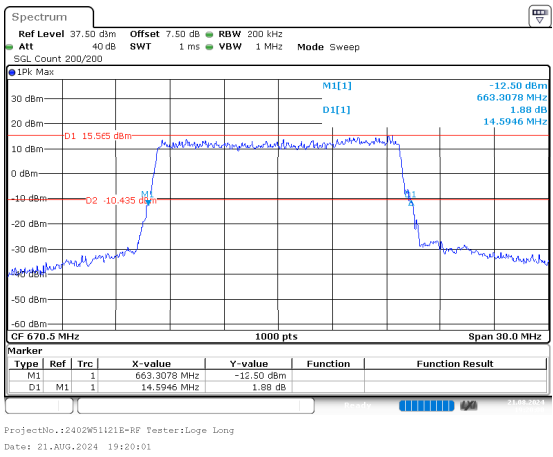
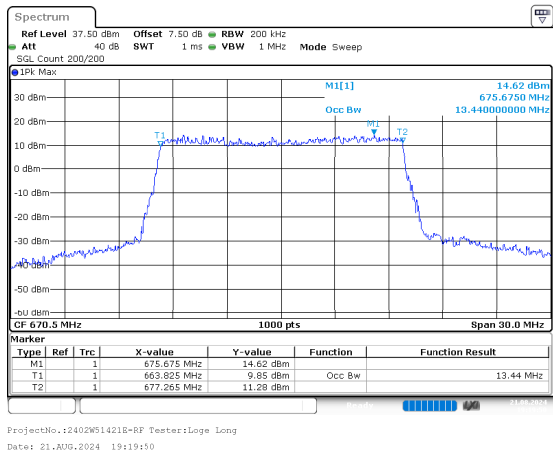
26dB Bandwidth



15MHz_Low_16QAM_75@0

Occupied Bandwidth

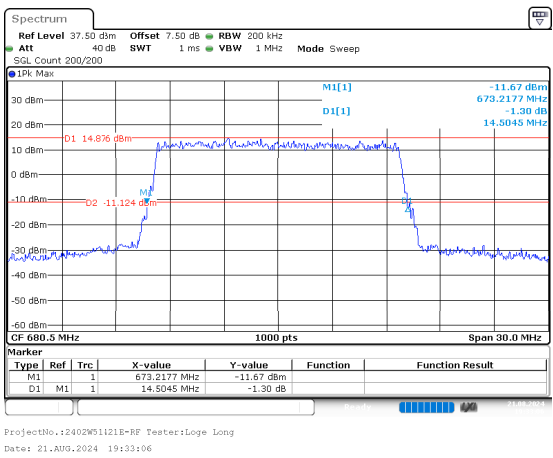
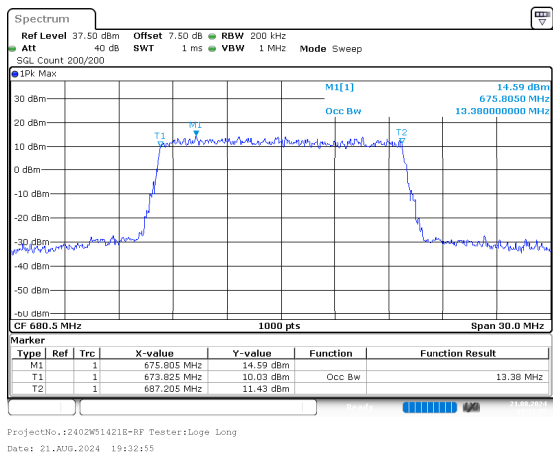
26dB Bandwidth



15MHz_Middle_QPSK_75@0

Occupied Bandwidth

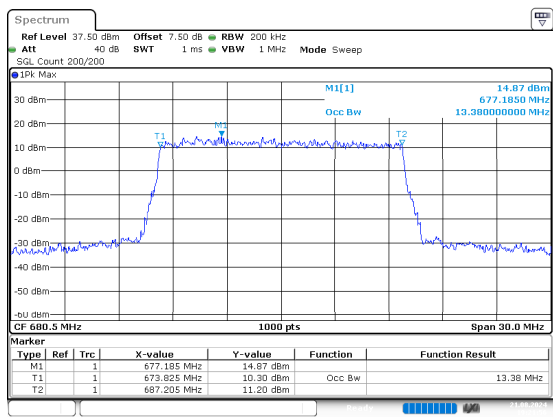
26dB Bandwidth



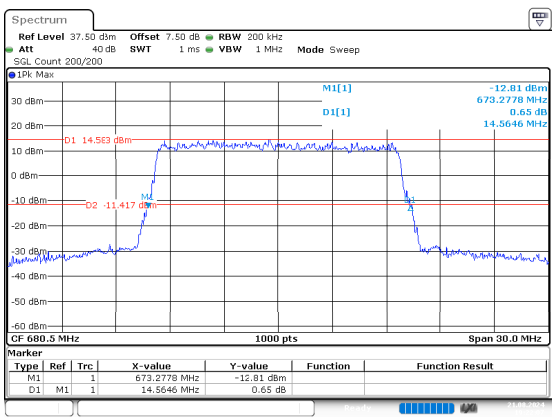
15MHz_Middle_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:21:56

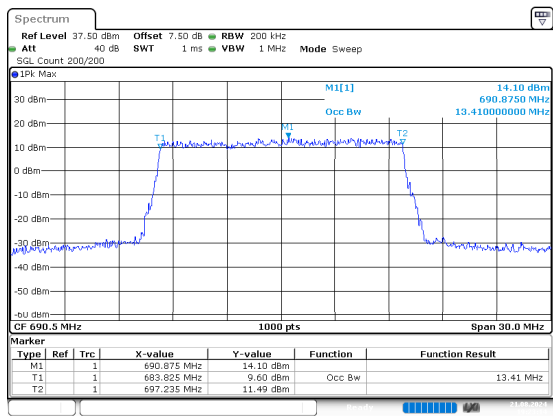


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:22:08

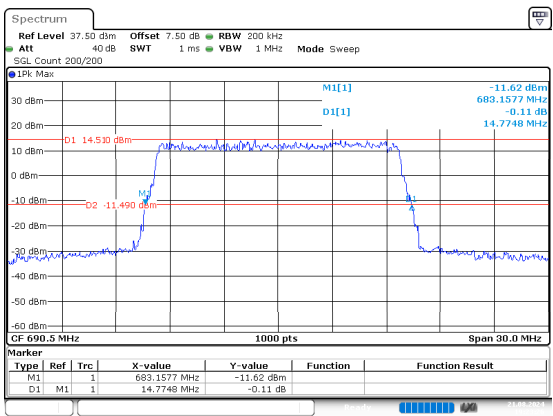
15MHz_High_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:23:14

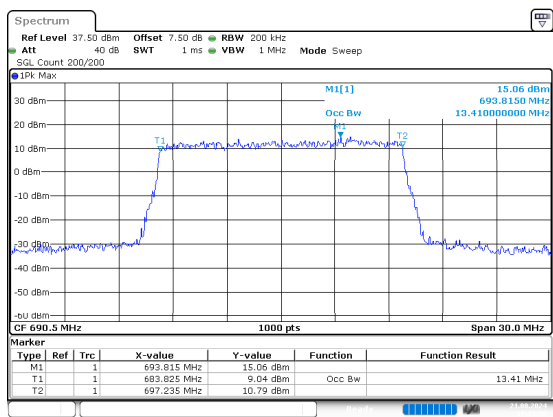


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:23:26

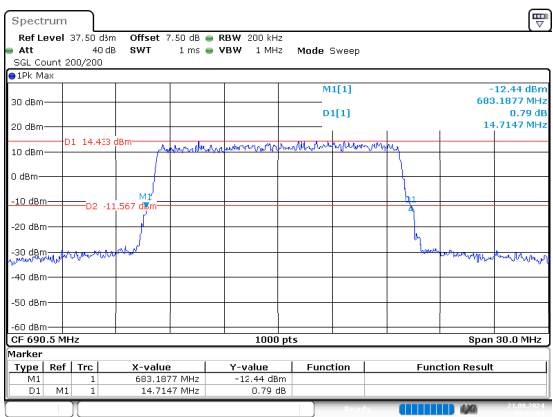
15MHz_High_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:23:59

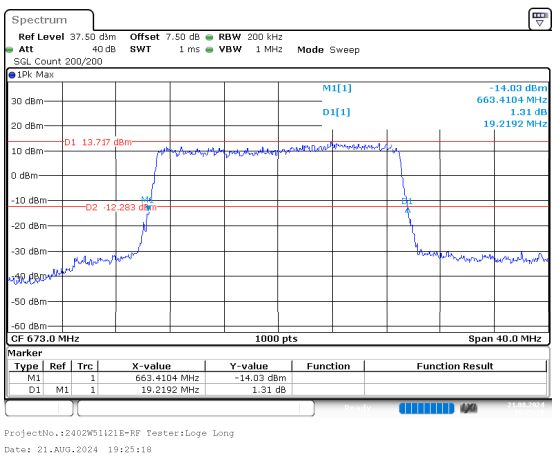
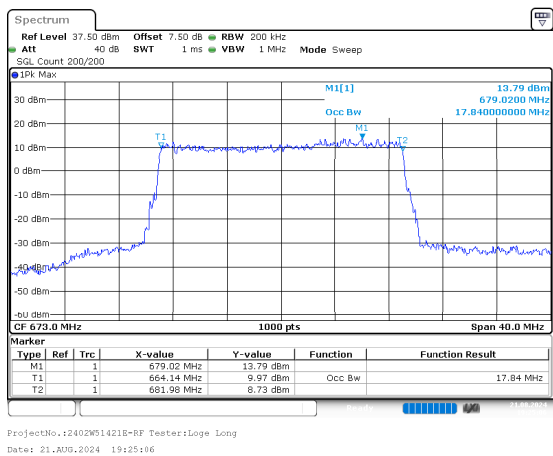


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:24:11

20MHz_Low_QPSK_100@0

Occupied Bandwidth

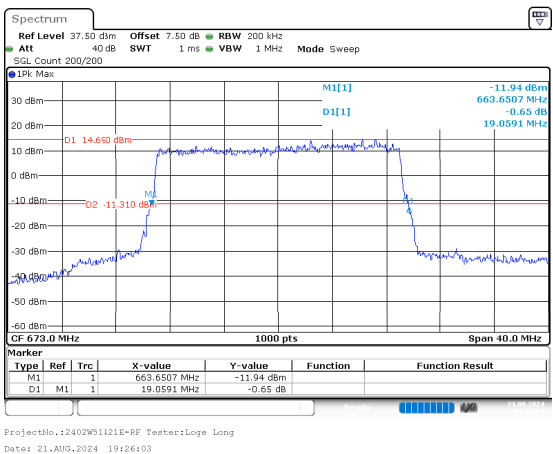
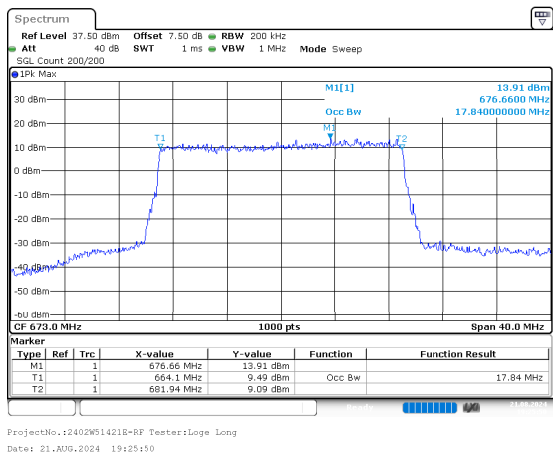
26dB Bandwidth



20MHz_Low_16QAM_100@0

Occupied Bandwidth

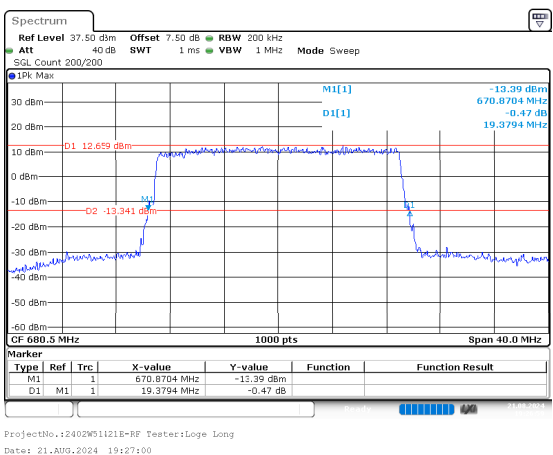
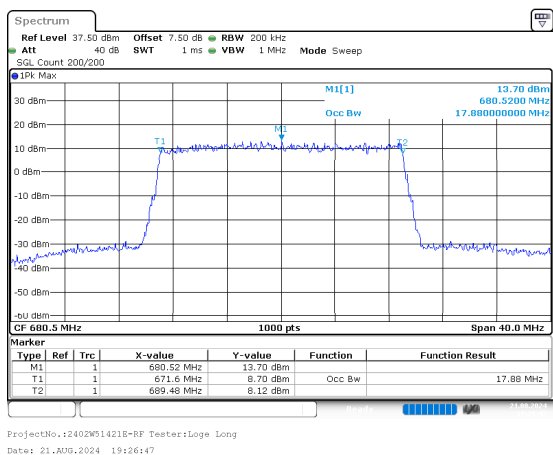
26dB Bandwidth



20MHz_Middle_QPSK_100@0

Occupied Bandwidth

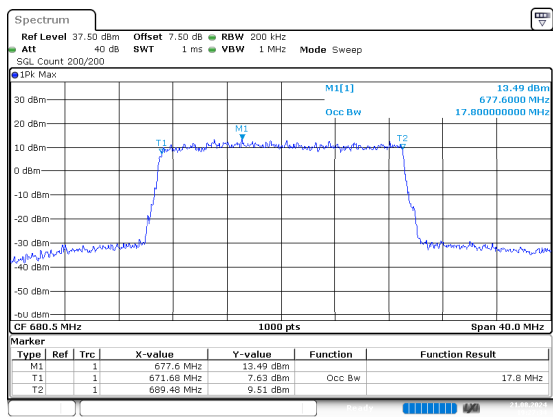
26dB Bandwidth



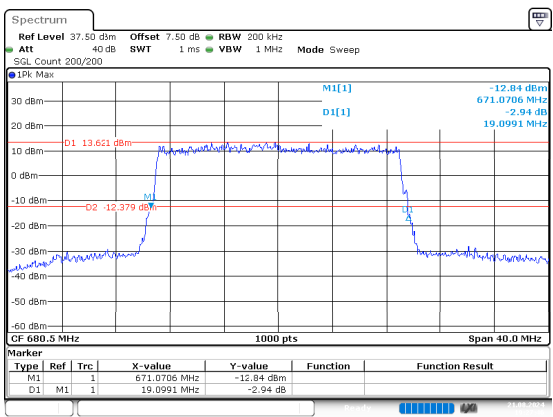
20MHz_Middle_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:27:34

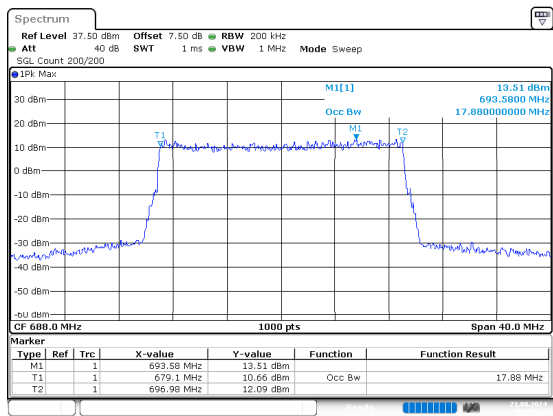


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:27:46

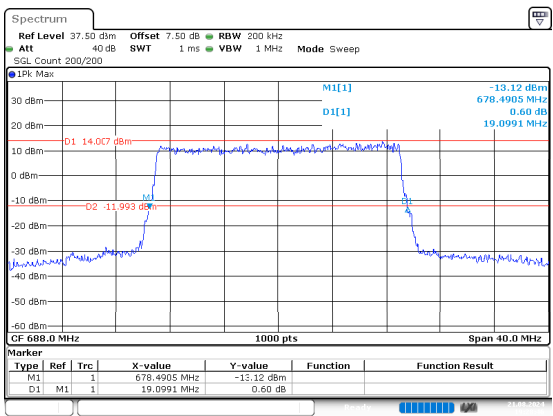
20MHz_High_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:28:13

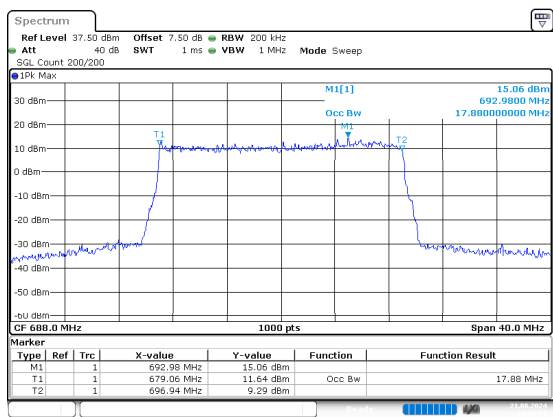


ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:28:46

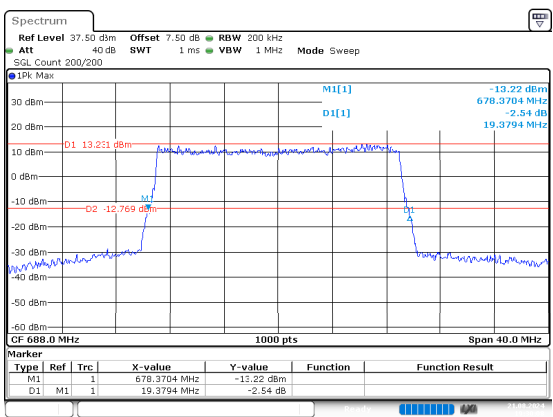
20MHz_High_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 19:29:55



ProjectNo.:2402W51121E-RF Tester:Loge Long
Date: 21.AUG.2024 19:30:08

RF Output Power

FCC Part 22H & IC RSS 132

B5 , Normal

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
1.4MHz_Low_QPSK_1@0	23.64	20.39	0.109	7	Pass
1.4MHz_Low_QPSK_1@3	23.62	20.37	0.109	7	Pass
1.4MHz_Low_QPSK_1@5	23.56	20.31	0.107	7	Pass
1.4MHz_Low_QPSK_3@0	23.51	20.26	0.106	7	Pass
1.4MHz_Low_QPSK_3@1	23.54	20.29	0.107	7	Pass
1.4MHz_Low_QPSK_3@3	23.63	20.38	0.109	7	Pass
1.4MHz_Low_QPSK_6@0	22.50	19.25	0.084	7	Pass
1.4MHz_Low_16QAM_1@0	22.47	19.22	0.084	7	Pass
1.4MHz_Low_16QAM_1@3	22.52	19.27	0.085	7	Pass
1.4MHz_Low_16QAM_1@5	22.56	19.31	0.085	7	Pass
1.4MHz_Low_16QAM_3@0	22.51	19.26	0.084	7	Pass
1.4MHz_Low_16QAM_3@1	22.42	19.17	0.083	7	Pass
1.4MHz_Low_16QAM_3@3	22.45	19.20	0.083	7	Pass
1.4MHz_Low_16QAM_6@0	22.10	18.85	0.077	7	Pass
1.4MHz_Middle_QPSK_1@0	23.21	19.96	0.099	7	Pass
1.4MHz_Middle_QPSK_1@3	23.13	19.88	0.097	7	Pass
1.4MHz_Middle_QPSK_1@5	23.20	19.95	0.099	7	Pass
1.4MHz_Middle_QPSK_3@0	23.14	19.89	0.097	7	Pass
1.4MHz_Middle_QPSK_3@1	23.24	19.99	0.100	7	Pass
1.4MHz_Middle_QPSK_3@3	23.14	19.89	0.097	7	Pass
1.4MHz_Middle_QPSK_6@0	22.06	18.81	0.076	7	Pass
1.4MHz_Middle_16QAM_1@0	22.04	18.79	0.076	7	Pass
1.4MHz_Middle_16QAM_1@3	21.94	18.69	0.074	7	Pass
1.4MHz_Middle_16QAM_1@5	22	18.75	0.075	7	Pass
1.4MHz_Middle_16QAM_3@0	22	18.75	0.075	7	Pass
1.4MHz_Middle_16QAM_3@1	22.02	18.77	0.075	7	Pass
1.4MHz_Middle_16QAM_3@3	21.99	18.74	0.075	7	Pass
1.4MHz_Middle_16QAM_6@0	21.15	17.90	0.062	7	Pass
1.4MHz_High_QPSK_1@0	23.08	19.83	0.096	7	Pass
1.4MHz_High_QPSK_1@3	23.15	19.90	0.098	7	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
1.4MHz_High_QPSK_1@5	23.17	19.92	0.098	7	Pass
1.4MHz_High_QPSK_3@0	23.16	19.91	0.098	7	Pass
1.4MHz_High_QPSK_3@1	23.14	19.89	0.097	7	Pass
1.4MHz_High_QPSK_3@3	23.14	19.89	0.097	7	Pass
1.4MHz_High_QPSK_6@0	22.17	18.92	0.078	7	Pass
1.4MHz_High_16QAM_1@0	23.24	19.99	0.100	7	Pass
1.4MHz_High_16QAM_1@3	23.19	19.94	0.099	7	Pass
1.4MHz_High_16QAM_1@5	23.28	20.03	0.101	7	Pass
1.4MHz_High_16QAM_3@0	22.51	19.26	0.084	7	Pass
1.4MHz_High_16QAM_3@1	22.55	19.30	0.085	7	Pass
1.4MHz_High_16QAM_3@3	22.50	19.25	0.084	7	Pass
1.4MHz_High_16QAM_6@0	21.29	18.04	0.064	7	Pass
3MHz_Low_QPSK_1@0	23.25	20.00	0.100	7	Pass
3MHz_Low_QPSK_1@14	23.26	20.01	0.100	7	Pass
3MHz_Low_QPSK_1@8	23.18	19.93	0.098	7	Pass
3MHz_Low_QPSK_15@0	22.21	18.96	0.079	7	Pass
3MHz_Low_QPSK_8@0	22.18	18.93	0.078	7	Pass
3MHz_Low_QPSK_8@4	22.12	18.87	0.077	7	Pass
3MHz_Low_QPSK_8@7	22.05	18.80	0.076	7	Pass
3MHz_Low_16QAM_1@0	22.40	19.15	0.082	7	Pass
3MHz_Low_16QAM_1@14	22.35	19.10	0.081	7	Pass
3MHz_Low_16QAM_1@8	22.31	19.06	0.081	7	Pass
3MHz_Low_16QAM_15@0	21.64	18.39	0.069	7	Pass
3MHz_Low_16QAM_8@0	21.70	18.45	0.070	7	Pass
3MHz_Low_16QAM_8@4	21.72	18.47	0.070	7	Pass
3MHz_Low_16QAM_8@7	21.67	18.42	0.070	7	Pass
3MHz_Middle_QPSK_1@0	23.27	20.02	0.100	7	Pass
3MHz_Middle_QPSK_1@14	23.35	20.10	0.102	7	Pass
3MHz_Middle_QPSK_1@8	23.35	20.10	0.102	7	Pass
3MHz_Middle_QPSK_15@0	22.11	18.86	0.077	7	Pass
3MHz_Middle_QPSK_8@0	22.10	18.85	0.077	7	Pass
3MHz_Middle_QPSK_8@4	22.07	18.82	0.076	7	Pass
3MHz_Middle_QPSK_8@7	22.07	18.82	0.076	7	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
3MHz_Middle_16QAM_1@0	22.45	19.20	0.083	7	Pass
3MHz_Middle_16QAM_1@14	22.40	19.15	0.082	7	Pass
3MHz_Middle_16QAM_1@8	22.42	19.17	0.083	7	Pass
3MHz_Middle_16QAM_15@0	21.13	17.88	0.061	7	Pass
3MHz_Middle_16QAM_8@0	21.19	17.94	0.062	7	Pass
3MHz_Middle_16QAM_8@4	21.13	17.88	0.061	7	Pass
3MHz_Middle_16QAM_8@7	21.13	17.88	0.061	7	Pass
3MHz_High_QPSK_1@0	23.16	19.91	0.098	7	Pass
3MHz_High_QPSK_1@14	23.15	19.90	0.098	7	Pass
3MHz_High_QPSK_1@8	23.12	19.87	0.097	7	Pass
3MHz_High_QPSK_15@0	22.19	18.94	0.078	7	Pass
3MHz_High_QPSK_8@0	22.11	18.86	0.077	7	Pass
3MHz_High_QPSK_8@4	22.10	18.85	0.077	7	Pass
3MHz_High_QPSK_8@7	22.05	18.80	0.076	7	Pass
3MHz_High_16QAM_1@0	22.74	19.49	0.089	7	Pass
3MHz_High_16QAM_1@14	22.70	19.45	0.088	7	Pass
3MHz_High_16QAM_1@8	22.73	19.48	0.089	7	Pass
3MHz_High_16QAM_15@0	21.28	18.03	0.064	7	Pass
3MHz_High_16QAM_8@0	21	17.75	0.060	7	Pass
3MHz_High_16QAM_8@4	21.01	17.76	0.060	7	Pass
3MHz_High_16QAM_8@7	20.96	17.71	0.059	7	Pass
5MHz_Low_QPSK_1@0	23.20	19.95	0.099	7	Pass
5MHz_Low_QPSK_1@12	23.13	19.88	0.097	7	Pass
5MHz_Low_QPSK_1@24	23.17	19.92	0.098	7	Pass
5MHz_Low_QPSK_12@0	22.22	18.97	0.079	7	Pass
5MHz_Low_QPSK_12@13	22.11	18.86	0.077	7	Pass
5MHz_Low_QPSK_12@7	22.05	18.80	0.076	7	Pass
5MHz_Low_QPSK_25@0	22.11	18.86	0.077	7	Pass
5MHz_Low_16QAM_1@0	22.50	19.25	0.084	7	Pass
5MHz_Low_16QAM_1@12	22.42	19.17	0.083	7	Pass
5MHz_Low_16QAM_1@24	22.51	19.26	0.084	7	Pass
5MHz_Low_16QAM_12@0	21.58	18.33	0.068	7	Pass
5MHz_Low_16QAM_12@13	21.49	18.24	0.067	7	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_Low_16QAM_12@7	21.54	18.29	0.067	7	Pass
5MHz_Low_16QAM_25@0	21.75	18.50	0.071	7	Pass
5MHz_Middle_QPSK_1@0	22.91	19.66	0.092	7	Pass
5MHz_Middle_QPSK_1@12	22.97	19.72	0.094	7	Pass
5MHz_Middle_QPSK_1@24	22.94	19.69	0.093	7	Pass
5MHz_Middle_QPSK_12@0	22.10	18.85	0.077	7	Pass
5MHz_Middle_QPSK_12@13	22.11	18.86	0.077	7	Pass
5MHz_Middle_QPSK_12@7	22.24	18.99	0.079	7	Pass
5MHz_Middle_QPSK_25@0	22.10	18.85	0.077	7	Pass
5MHz_Middle_16QAM_1@0	21.90	18.65	0.073	7	Pass
5MHz_Middle_16QAM_1@12	21.87	18.62	0.073	7	Pass
5MHz_Middle_16QAM_1@24	21.87	18.62	0.073	7	Pass
5MHz_Middle_16QAM_12@0	21.22	17.97	0.063	7	Pass
5MHz_Middle_16QAM_12@13	21.07	17.82	0.061	7	Pass
5MHz_Middle_16QAM_12@7	21.07	17.82	0.061	7	Pass
5MHz_Middle_16QAM_25@0	21.22	17.97	0.063	7	Pass
5MHz_High_QPSK_1@0	23.01	19.76	0.095	7	Pass
5MHz_High_QPSK_1@12	22.98	19.73	0.094	7	Pass
5MHz_High_QPSK_1@24	22.93	19.68	0.093	7	Pass
5MHz_High_QPSK_12@0	22.06	18.81	0.076	7	Pass
5MHz_High_QPSK_12@13	22.16	18.91	0.078	7	Pass
5MHz_High_QPSK_12@7	22.02	18.77	0.075	7	Pass
5MHz_High_QPSK_25@0	22.09	18.84	0.077	7	Pass
5MHz_High_16QAM_1@0	21.76	18.51	0.071	7	Pass
5MHz_High_16QAM_1@12	21.68	18.43	0.070	7	Pass
5MHz_High_16QAM_1@24	21.64	18.39	0.069	7	Pass
5MHz_High_16QAM_12@0	21.61	18.36	0.069	7	Pass
5MHz_High_16QAM_12@13	21.11	17.86	0.061	7	Pass
5MHz_High_16QAM_12@7	21.14	17.89	0.062	7	Pass
5MHz_High_16QAM_25@0	21.38	18.13	0.065	7	Pass
10MHz_Low_QPSK_1@0	23.20	19.95	0.099	7	Pass
10MHz_Low_QPSK_1@25	23.27	20.02	0.100	7	Pass
10MHz_Low_QPSK_1@49	23.24	19.99	0.100	7	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_Low_QPSK_25@0	22.24	18.99	0.079	7	Pass
10MHz_Low_QPSK_25@12	22.08	18.83	0.076	7	Pass
10MHz_Low_QPSK_25@25	22.14	18.89	0.077	7	Pass
10MHz_Low_QPSK_50@0	22.14	18.89	0.077	7	Pass
10MHz_Low_16QAM_1@0	23.08	19.83	0.096	7	Pass
10MHz_Low_16QAM_1@25	22.96	19.71	0.094	7	Pass
10MHz_Low_16QAM_1@49	22.96	19.71	0.094	7	Pass
10MHz_Low_16QAM_25@0	21.70	18.45	0.070	7	Pass
10MHz_Low_16QAM_25@12	21.63	18.38	0.069	7	Pass
10MHz_Low_16QAM_25@25	21.19	17.94	0.062	7	Pass
10MHz_Low_16QAM_50@0	21.54	18.29	0.067	7	Pass
10MHz_Middle_QPSK_1@0	23.15	19.90	0.098	7	Pass
10MHz_Middle_QPSK_1@25	23.14	19.89	0.097	7	Pass
10MHz_Middle_QPSK_1@49	23.04	19.79	0.095	7	Pass
10MHz_Middle_QPSK_25@0	22.24	18.99	0.079	7	Pass
10MHz_Middle_QPSK_25@12	22.18	18.93	0.078	7	Pass
10MHz_Middle_QPSK_25@25	22.08	18.83	0.076	7	Pass
10MHz_Middle_QPSK_50@0	22.17	18.92	0.078	7	Pass
10MHz_Middle_16QAM_1@0	21.86	18.61	0.073	7	Pass
10MHz_Middle_16QAM_1@25	21.94	18.69	0.074	7	Pass
10MHz_Middle_16QAM_1@49	21.92	18.67	0.074	7	Pass
10MHz_Middle_16QAM_25@0	21.32	18.07	0.064	7	Pass
10MHz_Middle_16QAM_25@12	21.21	17.96	0.063	7	Pass
10MHz_Middle_16QAM_25@25	21.65	18.40	0.069	7	Pass
10MHz_Middle_16QAM_50@0	21.11	17.86	0.061	7	Pass
10MHz_High_QPSK_1@0	23.33	20.08	0.102	7	Pass
10MHz_High_QPSK_1@25	23.29	20.04	0.101	7	Pass
10MHz_High_QPSK_1@49	23.14	19.89	0.097	7	Pass
10MHz_High_QPSK_25@0	22.12	18.87	0.077	7	Pass
10MHz_High_QPSK_25@12	22.11	18.86	0.077	7	Pass
10MHz_High_QPSK_25@25	22.14	18.89	0.077	7	Pass
10MHz_High_QPSK_50@0	22.12	18.87	0.077	7	Pass
10MHz_High_16QAM_1@0	22.74	19.49	0.089	7	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_High_16QAM_1@25	22.78	19.53	0.090	7	Pass
10MHz_High_16QAM_1@49	22.68	19.43	0.088	7	Pass
10MHz_High_16QAM_25@0	21.32	18.07	0.064	7	Pass
10MHz_High_16QAM_25@12	21.70	18.45	0.070	7	Pass
10MHz_High_16QAM_25@25	21.30	18.05	0.064	7	Pass
10MHz_High_16QAM_50@0	21.61	18.36	0.069	7	Pass

Note:

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

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -1dBi;

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

FCC Part 24E & IC RSS 133

B2 , Normal

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_Low_QPSK_1@0	22.89	23.19	0.208	2	Pass
1.4MHz_Low_QPSK_1@3	22.89	23.19	0.208	2	Pass
1.4MHz_Low_QPSK_1@5	22.90	23.20	0.209	2	Pass
1.4MHz_Low_QPSK_3@0	22.84	23.14	0.206	2	Pass
1.4MHz_Low_QPSK_3@1	22.89	23.19	0.208	2	Pass
1.4MHz_Low_QPSK_3@3	22.94	23.24	0.211	2	Pass
1.4MHz_Low_QPSK_6@0	21.85	22.15	0.164	2	Pass
1.4MHz_Low_16QAM_1@0	21.69	21.99	0.158	2	Pass
1.4MHz_Low_16QAM_1@3	21.73	22.03	0.160	2	Pass
1.4MHz_Low_16QAM_1@5	21.81	22.11	0.163	2	Pass
1.4MHz_Low_16QAM_3@0	21.83	22.13	0.163	2	Pass
1.4MHz_Low_16QAM_3@1	21.82	22.12	0.163	2	Pass
1.4MHz_Low_16QAM_3@3	21.82	22.12	0.163	2	Pass
1.4MHz_Low_16QAM_6@0	21.12	21.42	0.139	2	Pass
1.4MHz_Middle_QPSK_1@0	22.96	23.26	0.212	2	Pass
1.4MHz_Middle_QPSK_1@3	22.95	23.25	0.211	2	Pass
1.4MHz_Middle_QPSK_1@5	22.96	23.26	0.212	2	Pass
1.4MHz_Middle_QPSK_3@0	22.83	23.13	0.206	2	Pass
1.4MHz_Middle_QPSK_3@1	22.81	23.11	0.205	2	Pass
1.4MHz_Middle_QPSK_3@3	22.89	23.19	0.208	2	Pass
1.4MHz_Middle_QPSK_6@0	21.78	22.08	0.161	2	Pass
1.4MHz_Middle_16QAM_1@0	22.03	22.33	0.171	2	Pass
1.4MHz_Middle_16QAM_1@3	21.98	22.28	0.169	2	Pass
1.4MHz_Middle_16QAM_1@5	22.03	22.33	0.171	2	Pass
1.4MHz_Middle_16QAM_3@0	21.81	22.11	0.163	2	Pass
1.4MHz_Middle_16QAM_3@1	21.83	22.13	0.163	2	Pass
1.4MHz_Middle_16QAM_3@3	21.83	22.13	0.163	2	Pass
1.4MHz_Middle_16QAM_6@0	20.48	20.78	0.120	2	Pass
1.4MHz_High_QPSK_1@0	22.95	23.25	0.211	2	Pass
1.4MHz_High_QPSK_1@3	22.94	23.24	0.211	2	Pass
1.4MHz_High_QPSK_1@5	22.96	23.26	0.212	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_High_QPSK_3@0	22.75	23.05	0.202	2	Pass
1.4MHz_High_QPSK_3@1	22.77	23.07	0.203	2	Pass
1.4MHz_High_QPSK_3@3	22.75	23.05	0.202	2	Pass
1.4MHz_High_QPSK_6@0	21.75	22.05	0.160	2	Pass
1.4MHz_High_16QAM_1@0	21.78	22.08	0.161	2	Pass
1.4MHz_High_16QAM_1@3	21.79	22.09	0.162	2	Pass
1.4MHz_High_16QAM_1@5	21.78	22.08	0.161	2	Pass
1.4MHz_High_16QAM_3@0	22.08	22.38	0.173	2	Pass
1.4MHz_High_16QAM_3@1	22.12	22.42	0.175	2	Pass
1.4MHz_High_16QAM_3@3	22.04	22.34	0.171	2	Pass
1.4MHz_High_16QAM_6@0	20.98	21.28	0.134	2	Pass
3MHz_Low_QPSK_1@0	23.13	23.43	0.220	2	Pass
3MHz_Low_QPSK_1@14	23.05	23.35	0.216	2	Pass
3MHz_Low_QPSK_1@8	23.13	23.43	0.220	2	Pass
3MHz_Low_QPSK_15@0	21.94	22.24	0.167	2	Pass
3MHz_Low_QPSK_8@0	21.94	22.24	0.167	2	Pass
3MHz_Low_QPSK_8@4	21.97	22.27	0.169	2	Pass
3MHz_Low_QPSK_8@7	21.91	22.21	0.166	2	Pass
3MHz_Low_16QAM_1@0	22.12	22.42	0.175	2	Pass
3MHz_Low_16QAM_1@14	22.04	22.34	0.171	2	Pass
3MHz_Low_16QAM_1@8	22.12	22.42	0.175	2	Pass
3MHz_Low_16QAM_15@0	21.10	21.40	0.138	2	Pass
3MHz_Low_16QAM_8@0	21.21	21.51	0.142	2	Pass
3MHz_Low_16QAM_8@4	21.24	21.54	0.143	2	Pass
3MHz_Low_16QAM_8@7	20.98	21.28	0.134	2	Pass
3MHz_Middle_QPSK_1@0	22.85	23.15	0.207	2	Pass
3MHz_Middle_QPSK_1@14	22.87	23.17	0.207	2	Pass
3MHz_Middle_QPSK_1@8	22.84	23.14	0.206	2	Pass
3MHz_Middle_QPSK_15@0	21.92	22.22	0.167	2	Pass
3MHz_Middle_QPSK_8@0	21.79	22.09	0.162	2	Pass
3MHz_Middle_QPSK_8@4	21.83	22.13	0.163	2	Pass
3MHz_Middle_QPSK_8@7	21.88	22.18	0.165	2	Pass
3MHz_Middle_16QAM_1@0	21.43	21.73	0.149	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
3MHz_Middle_16QAM_1@14	21.47	21.77	0.150	2	Pass
3MHz_Middle_16QAM_1@8	21.51	21.81	0.152	2	Pass
3MHz_Middle_16QAM_15@0	20.78	21.08	0.128	2	Pass
3MHz_Middle_16QAM_8@0	20.75	21.05	0.127	2	Pass
3MHz_Middle_16QAM_8@4	20.71	21.01	0.126	2	Pass
3MHz_Middle_16QAM_8@7	20.76	21.06	0.128	2	Pass
3MHz_High_QPSK_1@0	23.05	23.35	0.216	2	Pass
3MHz_High_QPSK_1@14	23.06	23.36	0.217	2	Pass
3MHz_High_QPSK_1@8	23.03	23.33	0.215	2	Pass
3MHz_High_QPSK_15@0	21.86	22.16	0.164	2	Pass
3MHz_High_QPSK_8@0	21.73	22.03	0.160	2	Pass
3MHz_High_QPSK_8@4	21.83	22.13	0.163	2	Pass
3MHz_High_QPSK_8@7	21.80	22.10	0.162	2	Pass
3MHz_High_16QAM_1@0	22.39	22.69	0.186	2	Pass
3MHz_High_16QAM_1@14	22.48	22.78	0.190	2	Pass
3MHz_High_16QAM_1@8	22.47	22.77	0.189	2	Pass
3MHz_High_16QAM_15@0	20.87	21.17	0.131	2	Pass
3MHz_High_16QAM_8@0	21.15	21.45	0.140	2	Pass
3MHz_High_16QAM_8@4	20.72	21.02	0.126	2	Pass
3MHz_High_16QAM_8@7	20.64	20.94	0.124	2	Pass
5MHz_Low_QPSK_1@0	23.08	23.38	0.218	2	Pass
5MHz_Low_QPSK_1@12	22.93	23.23	0.210	2	Pass
5MHz_Low_QPSK_1@24	22.95	23.25	0.211	2	Pass
5MHz_Low_QPSK_12@0	21.94	22.24	0.167	2	Pass
5MHz_Low_QPSK_12@13	21.88	22.18	0.165	2	Pass
5MHz_Low_QPSK_12@7	21.96	22.26	0.168	2	Pass
5MHz_Low_QPSK_25@0	21.94	22.24	0.167	2	Pass
5MHz_Low_16QAM_1@0	22.28	22.58	0.181	2	Pass
5MHz_Low_16QAM_1@12	22.26	22.56	0.180	2	Pass
5MHz_Low_16QAM_1@24	22.22	22.52	0.179	2	Pass
5MHz_Low_16QAM_12@0	21.02	21.32	0.136	2	Pass
5MHz_Low_16QAM_12@13	20.83	21.13	0.130	2	Pass
5MHz_Low_16QAM_12@7	20.85	21.15	0.130	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_Low_16QAM_25@0	21.05	21.35	0.136	2	Pass
5MHz_Middle_QPSK_1@0	22.59	22.89	0.195	2	Pass
5MHz_Middle_QPSK_1@12	22.58	22.88	0.194	2	Pass
5MHz_Middle_QPSK_1@24	22.70	23.00	0.200	2	Pass
5MHz_Middle_QPSK_12@0	21.85	22.15	0.164	2	Pass
5MHz_Middle_QPSK_12@13	21.84	22.14	0.164	2	Pass
5MHz_Middle_QPSK_12@7	21.89	22.19	0.166	2	Pass
5MHz_Middle_QPSK_25@0	21.86	22.16	0.164	2	Pass
5MHz_Middle_16QAM_1@0	21.58	21.88	0.154	2	Pass
5MHz_Middle_16QAM_1@12	21.55	21.85	0.153	2	Pass
5MHz_Middle_16QAM_1@24	21.58	21.88	0.154	2	Pass
5MHz_Middle_16QAM_12@0	20.86	21.16	0.131	2	Pass
5MHz_Middle_16QAM_12@13	20.86	21.16	0.131	2	Pass
5MHz_Middle_16QAM_12@7	20.83	21.13	0.130	2	Pass
5MHz_Middle_16QAM_25@0	20.82	21.12	0.129	2	Pass
5MHz_High_QPSK_1@0	22.66	22.96	0.198	2	Pass
5MHz_High_QPSK_1@12	22.69	22.99	0.199	2	Pass
5MHz_High_QPSK_1@24	22.73	23.03	0.201	2	Pass
5MHz_High_QPSK_12@0	21.79	22.09	0.162	2	Pass
5MHz_High_QPSK_12@13	21.82	22.12	0.163	2	Pass
5MHz_High_QPSK_12@7	21.75	22.05	0.160	2	Pass
5MHz_High_QPSK_25@0	21.71	22.01	0.159	2	Pass
5MHz_High_16QAM_1@0	21.34	21.64	0.146	2	Pass
5MHz_High_16QAM_1@12	21.32	21.62	0.145	2	Pass
5MHz_High_16QAM_1@24	21.46	21.76	0.150	2	Pass
5MHz_High_16QAM_12@0	21.21	21.51	0.142	2	Pass
5MHz_High_16QAM_12@13	20.82	21.12	0.129	2	Pass
5MHz_High_16QAM_12@7	21.20	21.50	0.141	2	Pass
5MHz_High_16QAM_25@0	21.36	21.66	0.147	2	Pass
10MHz_Low_QPSK_1@0	23.08	23.38	0.218	2	Pass
10MHz_Low_QPSK_1@25	23.06	23.36	0.217	2	Pass
10MHz_Low_QPSK_1@49	23	23.30	0.214	2	Pass
10MHz_Low_QPSK_25@0	21.86	22.16	0.164	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_Low_QPSK_25@12	21.92	22.22	0.167	2	Pass
10MHz_Low_QPSK_25@25	21.84	22.14	0.164	2	Pass
10MHz_Low_QPSK_50@0	21.91	22.21	0.166	2	Pass
10MHz_Low_16QAM_1@0	22.85	23.15	0.207	2	Pass
10MHz_Low_16QAM_1@25	22.82	23.12	0.205	2	Pass
10MHz_Low_16QAM_1@49	22.73	23.03	0.201	2	Pass
10MHz_Low_16QAM_25@0	21.02	21.32	0.136	2	Pass
10MHz_Low_16QAM_25@12	21.05	21.35	0.136	2	Pass
10MHz_Low_16QAM_25@25	21.33	21.63	0.146	2	Pass
10MHz_Low_16QAM_50@0	20.93	21.23	0.133	2	Pass
10MHz_Middle_QPSK_1@0	22.83	23.13	0.206	2	Pass
10MHz_Middle_QPSK_1@25	22.84	23.14	0.206	2	Pass
10MHz_Middle_QPSK_1@49	22.86	23.16	0.207	2	Pass
10MHz_Middle_QPSK_25@0	21.87	22.17	0.165	2	Pass
10MHz_Middle_QPSK_25@12	21.88	22.18	0.165	2	Pass
10MHz_Middle_QPSK_25@25	21.87	22.17	0.165	2	Pass
10MHz_Middle_QPSK_50@0	21.88	22.18	0.165	2	Pass
10MHz_Middle_16QAM_1@0	21.72	22.02	0.159	2	Pass
10MHz_Middle_16QAM_1@25	21.65	21.95	0.157	2	Pass
10MHz_Middle_16QAM_1@49	21.61	21.91	0.155	2	Pass
10MHz_Middle_16QAM_25@0	20.98	21.28	0.134	2	Pass
10MHz_Middle_16QAM_25@12	20.95	21.25	0.133	2	Pass
10MHz_Middle_16QAM_25@25	21.01	21.31	0.135	2	Pass
10MHz_Middle_16QAM_50@0	20.85	21.15	0.130	2	Pass
10MHz_High_QPSK_1@0	23	23.30	0.214	2	Pass
10MHz_High_QPSK_1@25	22.94	23.24	0.211	2	Pass
10MHz_High_QPSK_1@49	23.03	23.33	0.215	2	Pass
10MHz_High_QPSK_25@0	22.23	22.53	0.179	2	Pass
10MHz_High_QPSK_25@12	21.83	22.13	0.163	2	Pass
10MHz_High_QPSK_25@25	21.77	22.07	0.161	2	Pass
10MHz_High_QPSK_50@0	21.81	22.11	0.163	2	Pass
10MHz_High_16QAM_1@0	22.36	22.66	0.185	2	Pass
10MHz_High_16QAM_1@25	22.37	22.67	0.185	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_High_16QAM_1@49	22.41	22.71	0.187	2	Pass
10MHz_High_16QAM_25@0	21.29	21.59	0.144	2	Pass
10MHz_High_16QAM_25@12	20.88	21.18	0.131	2	Pass
10MHz_High_16QAM_25@25	21.29	21.59	0.144	2	Pass
10MHz_High_16QAM_50@0	20.88	21.18	0.131	2	Pass
15MHz_Low_QPSK_1@0	23.16	23.46	0.222	2	Pass
15MHz_Low_QPSK_1@37	22.93	23.23	0.210	2	Pass
15MHz_Low_QPSK_1@74	22.99	23.29	0.213	2	Pass
15MHz_Low_QPSK_36@0	21.92	22.22	0.167	2	Pass
15MHz_Low_QPSK_36@20	21.91	22.21	0.166	2	Pass
15MHz_Low_QPSK_36@39	21.85	22.15	0.164	2	Pass
15MHz_Low_QPSK_75@0	21.94	22.24	0.167	2	Pass
15MHz_Low_16QAM_1@0	22.82	23.12	0.205	2	Pass
15MHz_Low_16QAM_1@37	22.77	23.07	0.203	2	Pass
15MHz_Low_16QAM_1@74	22.76	23.06	0.202	2	Pass
15MHz_Low_16QAM_36@0	21	21.30	0.135	2	Pass
15MHz_Low_16QAM_36@20	21.35	21.65	0.146	2	Pass
15MHz_Low_16QAM_36@39	21.33	21.63	0.146	2	Pass
15MHz_Low_16QAM_75@0	21.31	21.61	0.145	2	Pass
15MHz_Middle_QPSK_1@0	22.92	23.22	0.210	2	Pass
15MHz_Middle_QPSK_1@37	22.89	23.19	0.208	2	Pass
15MHz_Middle_QPSK_1@74	22.88	23.18	0.208	2	Pass
15MHz_Middle_QPSK_36@0	21.83	22.13	0.163	2	Pass
15MHz_Middle_QPSK_36@20	21.80	22.10	0.162	2	Pass
15MHz_Middle_QPSK_36@39	21.80	22.10	0.162	2	Pass
15MHz_Middle_QPSK_75@0	21.83	22.13	0.163	2	Pass
15MHz_Middle_16QAM_1@0	22.39	22.69	0.186	2	Pass
15MHz_Middle_16QAM_1@37	22.46	22.76	0.189	2	Pass
15MHz_Middle_16QAM_1@74	22.50	22.80	0.191	2	Pass
15MHz_Middle_16QAM_36@0	20.88	21.18	0.131	2	Pass
15MHz_Middle_16QAM_36@20	20.84	21.14	0.130	2	Pass
15MHz_Middle_16QAM_36@39	20.86	21.16	0.131	2	Pass
15MHz_Middle_16QAM_75@0	20.80	21.10	0.129	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
15MHz_High_QPSK_1@0	23.05	23.35	0.216	2	Pass
15MHz_High_QPSK_1@37	22.97	23.27	0.212	2	Pass
15MHz_High_QPSK_1@74	23.02	23.32	0.215	2	Pass
15MHz_High_QPSK_36@0	21.83	22.13	0.163	2	Pass
15MHz_High_QPSK_36@20	22.09	22.39	0.173	2	Pass
15MHz_High_QPSK_36@39	21.73	22.03	0.160	2	Pass
15MHz_High_QPSK_75@0	22.21	22.51	0.178	2	Pass
15MHz_High_16QAM_1@0	22.59	22.89	0.195	2	Pass
15MHz_High_16QAM_1@37	22.82	23.12	0.205	2	Pass
15MHz_High_16QAM_1@74	22.50	22.80	0.191	2	Pass
15MHz_High_16QAM_36@0	20.91	21.21	0.132	2	Pass
15MHz_High_16QAM_36@20	21.19	21.49	0.141	2	Pass
15MHz_High_16QAM_36@39	21.17	21.47	0.140	2	Pass
15MHz_High_16QAM_75@0	21.25	21.55	0.143	2	Pass
20MHz_Low_QPSK_1@0	22.94	23.24	0.211	2	Pass
20MHz_Low_QPSK_1@49	22.85	23.15	0.207	2	Pass
20MHz_Low_QPSK_1@99	22.87	23.17	0.207	2	Pass
20MHz_Low_QPSK_100@0	21.91	22.21	0.166	2	Pass
20MHz_Low_QPSK_50@0	21.93	22.23	0.167	2	Pass
20MHz_Low_QPSK_50@24	21.96	22.26	0.168	2	Pass
20MHz_Low_QPSK_50@50	21.89	22.19	0.166	2	Pass
20MHz_Low_16QAM_1@0	22.09	22.39	0.173	2	Pass
20MHz_Low_16QAM_1@49	22	22.30	0.170	2	Pass
20MHz_Low_16QAM_1@99	22.01	22.31	0.170	2	Pass
20MHz_Low_16QAM_100@0	20.91	21.21	0.132	2	Pass
20MHz_Low_16QAM_50@0	21.04	21.34	0.136	2	Pass
20MHz_Low_16QAM_50@24	20.92	21.22	0.132	2	Pass
20MHz_Low_16QAM_50@50	21.30	21.60	0.145	2	Pass
20MHz_Middle_QPSK_1@0	22.85	23.15	0.207	2	Pass
20MHz_Middle_QPSK_1@49	22.77	23.07	0.203	2	Pass
20MHz_Middle_QPSK_1@99	22.81	23.11	0.205	2	Pass
20MHz_Middle_QPSK_100@0	21.83	22.13	0.163	2	Pass
20MHz_Middle_QPSK_50@0	21.84	22.14	0.164	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
20MHz_Middle_QPSK_50@24	21.85	22.15	0.164	2	Pass
20MHz_Middle_QPSK_50@50	21.86	22.16	0.164	2	Pass
20MHz_Middle_16QAM_1@0	21.31	21.61	0.145	2	Pass
20MHz_Middle_16QAM_1@49	21.31	21.61	0.145	2	Pass
20MHz_Middle_16QAM_1@99	21.38	21.68	0.147	2	Pass
20MHz_Middle_16QAM_100@0	20.84	21.14	0.130	2	Pass
20MHz_Middle_16QAM_50@0	20.85	21.15	0.130	2	Pass
20MHz_Middle_16QAM_50@24	20.75	21.05	0.127	2	Pass
20MHz_Middle_16QAM_50@50	20.79	21.09	0.129	2	Pass
20MHz_High_QPSK_1@0	22.97	23.27	0.212	2	Pass
20MHz_High_QPSK_1@49	22.90	23.20	0.209	2	Pass
20MHz_High_QPSK_1@99	22.97	23.27	0.212	2	Pass
20MHz_High_QPSK_100@0	21.91	22.21	0.166	2	Pass
20MHz_High_QPSK_50@0	21.86	22.16	0.164	2	Pass
20MHz_High_QPSK_50@24	21.92	22.22	0.167	2	Pass
20MHz_High_QPSK_50@50	21.81	22.11	0.163	2	Pass
20MHz_High_16QAM_1@0	22.19	22.49	0.177	2	Pass
20MHz_High_16QAM_1@49	22.15	22.45	0.176	2	Pass
20MHz_High_16QAM_1@99	22.24	22.54	0.179	2	Pass
20MHz_High_16QAM_100@0	20.93	21.23	0.133	2	Pass
20MHz_High_16QAM_50@0	21.06	21.36	0.137	2	Pass
20MHz_High_16QAM_50@24	20.98	21.28	0.134	2	Pass
20MHz_High_16QAM_50@50	20.89	21.19	0.132	2	Pass

Note:

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

1.Ant Gain = 0.5dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0.2dB

FCC Part 27 & IC RSS 139

B4 , Normal

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_Low_QPSK_1@0	23.46	23.76	0.238	1	Pass
1.4MHz_Low_QPSK_1@3	23.47	23.77	0.238	1	Pass
1.4MHz_Low_QPSK_1@5	23.46	23.76	0.238	1	Pass
1.4MHz_Low_QPSK_3@0	23.23	23.53	0.225	1	Pass
1.4MHz_Low_QPSK_3@1	23.28	23.58	0.228	1	Pass
1.4MHz_Low_QPSK_3@3	23.26	23.56	0.227	1	Pass
1.4MHz_Low_QPSK_6@0	22.27	22.57	0.181	1	Pass
1.4MHz_Low_16QAM_1@0	22.47	22.77	0.189	1	Pass
1.4MHz_Low_16QAM_1@3	22.52	22.82	0.191	1	Pass
1.4MHz_Low_16QAM_1@5	22.45	22.75	0.188	1	Pass
1.4MHz_Low_16QAM_3@0	22.31	22.61	0.182	1	Pass
1.4MHz_Low_16QAM_3@1	22.38	22.68	0.185	1	Pass
1.4MHz_Low_16QAM_3@3	22.38	22.68	0.185	1	Pass
1.4MHz_Low_16QAM_6@0	21.31	21.61	0.145	1	Pass
1.4MHz_Middle_QPSK_1@0	23.54	23.84	0.242	1	Pass
1.4MHz_Middle_QPSK_1@3	23.50	23.80	0.240	1	Pass
1.4MHz_Middle_QPSK_1@5	23.50	23.80	0.240	1	Pass
1.4MHz_Middle_QPSK_3@0	23.27	23.57	0.228	1	Pass
1.4MHz_Middle_QPSK_3@1	23.31	23.61	0.230	1	Pass
1.4MHz_Middle_QPSK_3@3	23.39	23.69	0.234	1	Pass
1.4MHz_Middle_QPSK_6@0	22.61	22.91	0.195	1	Pass
1.4MHz_Middle_16QAM_1@0	22.98	23.28	0.213	1	Pass
1.4MHz_Middle_16QAM_1@3	23.32	23.62	0.230	1	Pass
1.4MHz_Middle_16QAM_1@5	23.37	23.67	0.233	1	Pass
1.4MHz_Middle_16QAM_3@0	22.88	23.18	0.208	1	Pass
1.4MHz_Middle_16QAM_3@1	22.86	23.16	0.207	1	Pass
1.4MHz_Middle_16QAM_3@3	22.86	23.16	0.207	1	Pass
1.4MHz_Middle_16QAM_6@0	21.94	22.24	0.167	1	Pass
1.4MHz_High_QPSK_1@0	23.37	23.67	0.233	1	Pass
1.4MHz_High_QPSK_1@3	23.42	23.72	0.236	1	Pass
1.4MHz_High_QPSK_1@5	23.35	23.65	0.232	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_High_QPSK_3@0	23.23	23.53	0.225	1	Pass
1.4MHz_High_QPSK_3@1	23.29	23.59	0.229	1	Pass
1.4MHz_High_QPSK_3@3	23.34	23.64	0.231	1	Pass
1.4MHz_High_QPSK_6@0	22.25	22.55	0.180	1	Pass
1.4MHz_High_16QAM_1@0	22.98	23.28	0.213	1	Pass
1.4MHz_High_16QAM_1@3	23.04	23.34	0.216	1	Pass
1.4MHz_High_16QAM_1@5	22.98	23.28	0.213	1	Pass
1.4MHz_High_16QAM_3@0	22.67	22.97	0.198	1	Pass
1.4MHz_High_16QAM_3@1	22.65	22.95	0.197	1	Pass
1.4MHz_High_16QAM_3@3	22.72	23.02	0.200	1	Pass
1.4MHz_High_16QAM_6@0	21.23	21.53	0.142	1	Pass
3MHz_Low_QPSK_1@0	23.48	23.78	0.239	1	Pass
3MHz_Low_QPSK_1@14	23.49	23.79	0.239	1	Pass
3MHz_Low_QPSK_1@8	23.51	23.81	0.240	1	Pass
3MHz_Low_QPSK_15@0	22.25	22.55	0.180	1	Pass
3MHz_Low_QPSK_8@0	22.29	22.59	0.182	1	Pass
3MHz_Low_QPSK_8@4	22.29	22.59	0.182	1	Pass
3MHz_Low_QPSK_8@7	22.29	22.59	0.182	1	Pass
3MHz_Low_16QAM_1@0	22.47	22.77	0.189	1	Pass
3MHz_Low_16QAM_1@14	22.53	22.83	0.192	1	Pass
3MHz_Low_16QAM_1@8	22.49	22.79	0.190	1	Pass
3MHz_Low_16QAM_15@0	21.40	21.70	0.148	1	Pass
3MHz_Low_16QAM_8@0	21.55	21.85	0.153	1	Pass
3MHz_Low_16QAM_8@4	21.54	21.84	0.153	1	Pass
3MHz_Low_16QAM_8@7	21.55	21.85	0.153	1	Pass
3MHz_Middle_QPSK_1@0	23.41	23.71	0.235	1	Pass
3MHz_Middle_QPSK_1@14	23.47	23.77	0.238	1	Pass
3MHz_Middle_QPSK_1@8	23.44	23.74	0.237	1	Pass
3MHz_Middle_QPSK_15@0	22.66	22.96	0.198	1	Pass
3MHz_Middle_QPSK_8@0	22.41	22.71	0.187	1	Pass
3MHz_Middle_QPSK_8@4	22.71	23.01	0.200	1	Pass
3MHz_Middle_QPSK_8@7	22.66	22.96	0.198	1	Pass
3MHz_Middle_16QAM_1@0	22.37	22.67	0.185	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
3MHz_Middle_16QAM_1@14	22.75	23.05	0.202	1	Pass
3MHz_Middle_16QAM_1@8	22.72	23.02	0.200	1	Pass
3MHz_Middle_16QAM_15@0	21.65	21.95	0.157	1	Pass
3MHz_Middle_16QAM_8@0	21.37	21.67	0.147	1	Pass
3MHz_Middle_16QAM_8@4	21.75	22.05	0.160	1	Pass
3MHz_Middle_16QAM_8@7	21.71	22.01	0.159	1	Pass
3MHz_High_QPSK_1@0	23.31	23.61	0.230	1	Pass
3MHz_High_QPSK_1@14	23.32	23.62	0.230	1	Pass
3MHz_High_QPSK_1@8	23.28	23.58	0.228	1	Pass
3MHz_High_QPSK_15@0	22.31	22.61	0.182	1	Pass
3MHz_High_QPSK_8@0	22.24	22.54	0.179	1	Pass
3MHz_High_QPSK_8@4	22.20	22.50	0.178	1	Pass
3MHz_High_QPSK_8@7	22.28	22.58	0.181	1	Pass
3MHz_High_16QAM_1@0	22.31	22.61	0.182	1	Pass
3MHz_High_16QAM_1@14	22.34	22.64	0.184	1	Pass
3MHz_High_16QAM_1@8	22.36	22.66	0.185	1	Pass
3MHz_High_16QAM_15@0	21.51	21.81	0.152	1	Pass
3MHz_High_16QAM_8@0	21.23	21.53	0.142	1	Pass
3MHz_High_16QAM_8@4	21.16	21.46	0.140	1	Pass
3MHz_High_16QAM_8@7	21.44	21.74	0.149	1	Pass
5MHz_Low_QPSK_1@0	23.39	23.69	0.234	1	Pass
5MHz_Low_QPSK_1@12	23.44	23.74	0.237	1	Pass
5MHz_Low_QPSK_1@24	23.44	23.74	0.237	1	Pass
5MHz_Low_QPSK_12@0	22.36	22.66	0.185	1	Pass
5MHz_Low_QPSK_12@13	22.33	22.63	0.183	1	Pass
5MHz_Low_QPSK_12@7	22.41	22.71	0.187	1	Pass
5MHz_Low_QPSK_25@0	22.35	22.65	0.184	1	Pass
5MHz_Low_16QAM_1@0	22.68	22.98	0.199	1	Pass
5MHz_Low_16QAM_1@12	22.67	22.97	0.198	1	Pass
5MHz_Low_16QAM_1@24	22.68	22.98	0.199	1	Pass
5MHz_Low_16QAM_12@0	21.35	21.65	0.146	1	Pass
5MHz_Low_16QAM_12@13	21.34	21.64	0.146	1	Pass
5MHz_Low_16QAM_12@7	21.43	21.73	0.149	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_Low_16QAM_25@0	21.49	21.79	0.151	1	Pass
5MHz_Middle_QPSK_1@0	23.17	23.47	0.222	1	Pass
5MHz_Middle_QPSK_1@12	23.17	23.47	0.222	1	Pass
5MHz_Middle_QPSK_1@24	23.13	23.43	0.220	1	Pass
5MHz_Middle_QPSK_12@0	22.40	22.70	0.186	1	Pass
5MHz_Middle_QPSK_12@13	22.62	22.92	0.196	1	Pass
5MHz_Middle_QPSK_12@7	22.77	23.07	0.203	1	Pass
5MHz_Middle_QPSK_25@0	22.60	22.90	0.195	1	Pass
5MHz_Middle_16QAM_1@0	22.17	22.47	0.177	1	Pass
5MHz_Middle_16QAM_1@12	22.42	22.72	0.187	1	Pass
5MHz_Middle_16QAM_1@24	22.11	22.41	0.174	1	Pass
5MHz_Middle_16QAM_12@0	21.47	21.77	0.150	1	Pass
5MHz_Middle_16QAM_12@13	21.72	22.02	0.159	1	Pass
5MHz_Middle_16QAM_12@7	21.76	22.06	0.161	1	Pass
5MHz_Middle_16QAM_25@0	21.68	21.98	0.158	1	Pass
5MHz_High_QPSK_1@0	23.15	23.45	0.221	1	Pass
5MHz_High_QPSK_1@12	23.21	23.51	0.224	1	Pass
5MHz_High_QPSK_1@24	23.20	23.50	0.224	1	Pass
5MHz_High_QPSK_12@0	22.21	22.51	0.178	1	Pass
5MHz_High_QPSK_12@13	22.28	22.58	0.181	1	Pass
5MHz_High_QPSK_12@7	22.27	22.57	0.181	1	Pass
5MHz_High_QPSK_25@0	22.29	22.59	0.182	1	Pass
5MHz_High_16QAM_1@0	21.84	22.14	0.164	1	Pass
5MHz_High_16QAM_1@12	21.89	22.19	0.166	1	Pass
5MHz_High_16QAM_1@24	21.89	22.19	0.166	1	Pass
5MHz_High_16QAM_12@0	21.26	21.56	0.143	1	Pass
5MHz_High_16QAM_12@13	21.23	21.53	0.142	1	Pass
5MHz_High_16QAM_12@7	21.21	21.51	0.142	1	Pass
5MHz_High_16QAM_25@0	21.50	21.80	0.151	1	Pass
10MHz_Low_QPSK_1@0	23.47	23.77	0.238	1	Pass
10MHz_Low_QPSK_1@25	23.46	23.76	0.238	1	Pass
10MHz_Low_QPSK_1@49	23.46	23.76	0.238	1	Pass
10MHz_Low_QPSK_25@0	22.34	22.64	0.184	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_Low_QPSK_25@12	22.31	22.61	0.182	1	Pass
10MHz_Low_QPSK_25@25	22.36	22.66	0.185	1	Pass
10MHz_Low_QPSK_50@0	22.26	22.56	0.180	1	Pass
10MHz_Low_16QAM_1@0	23.34	23.64	0.231	1	Pass
10MHz_Low_16QAM_1@25	23.29	23.59	0.229	1	Pass
10MHz_Low_16QAM_1@49	23.34	23.64	0.231	1	Pass
10MHz_Low_16QAM_25@0	21.50	21.80	0.151	1	Pass
10MHz_Low_16QAM_25@12	21.44	21.74	0.149	1	Pass
10MHz_Low_16QAM_25@25	21.50	21.80	0.151	1	Pass
10MHz_Low_16QAM_50@0	21.39	21.69	0.148	1	Pass
10MHz_Middle_QPSK_1@0	23.42	23.72	0.236	1	Pass
10MHz_Middle_QPSK_1@25	23.35	23.65	0.232	1	Pass
10MHz_Middle_QPSK_1@49	23.39	23.69	0.234	1	Pass
10MHz_Middle_QPSK_25@0	22.44	22.74	0.188	1	Pass
10MHz_Middle_QPSK_25@12	22.56	22.86	0.193	1	Pass
10MHz_Middle_QPSK_25@25	22.32	22.62	0.183	1	Pass
10MHz_Middle_QPSK_50@0	22.58	22.88	0.194	1	Pass
10MHz_Middle_16QAM_1@0	22.34	22.64	0.184	1	Pass
10MHz_Middle_16QAM_1@25	22.54	22.84	0.192	1	Pass
10MHz_Middle_16QAM_1@49	22.21	22.51	0.178	1	Pass
10MHz_Middle_16QAM_25@0	21.55	21.85	0.153	1	Pass
10MHz_Middle_16QAM_25@12	21.81	22.11	0.163	1	Pass
10MHz_Middle_16QAM_25@25	21.84	22.14	0.164	1	Pass
10MHz_Middle_16QAM_50@0	21.78	22.08	0.161	1	Pass
10MHz_High_QPSK_1@0	23.34	23.64	0.231	1	Pass
10MHz_High_QPSK_1@25	23.43	23.73	0.236	1	Pass
10MHz_High_QPSK_1@49	23.40	23.70	0.234	1	Pass
10MHz_High_QPSK_25@0	22.30	22.60	0.182	1	Pass
10MHz_High_QPSK_25@12	22.48	22.78	0.190	1	Pass
10MHz_High_QPSK_25@25	22.33	22.63	0.183	1	Pass
10MHz_High_QPSK_50@0	22.39	22.69	0.186	1	Pass
10MHz_High_16QAM_1@0	22.97	23.27	0.212	1	Pass
10MHz_High_16QAM_1@25	23.05	23.35	0.216	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_High_16QAM_1@49	22.92	23.22	0.210	1	Pass
10MHz_High_16QAM_25@0	21.48	21.78	0.151	1	Pass
10MHz_High_16QAM_25@12	21.49	21.79	0.151	1	Pass
10MHz_High_16QAM_25@25	21.40	21.70	0.148	1	Pass
10MHz_High_16QAM_50@0	21.46	21.76	0.150	1	Pass
15MHz_Low_QPSK_1@0	23.46	23.76	0.238	1	Pass
15MHz_Low_QPSK_1@37	23.44	23.74	0.237	1	Pass
15MHz_Low_QPSK_1@74	23.47	23.77	0.238	1	Pass
15MHz_Low_QPSK_36@0	22.34	22.64	0.184	1	Pass
15MHz_Low_QPSK_36@20	22.40	22.70	0.186	1	Pass
15MHz_Low_QPSK_36@39	22.27	22.57	0.181	1	Pass
15MHz_Low_QPSK_75@0	22.37	22.67	0.185	1	Pass
15MHz_Low_16QAM_1@0	23.31	23.61	0.230	1	Pass
15MHz_Low_16QAM_1@37	23.27	23.57	0.228	1	Pass
15MHz_Low_16QAM_1@74	23.31	23.61	0.230	1	Pass
15MHz_Low_16QAM_36@0	21.44	21.74	0.149	1	Pass
15MHz_Low_16QAM_36@20	21.44	21.74	0.149	1	Pass
15MHz_Low_16QAM_36@39	21.43	21.73	0.149	1	Pass
15MHz_Low_16QAM_75@0	21.43	21.73	0.149	1	Pass
15MHz_Middle_QPSK_1@0	23.46	23.76	0.238	1	Pass
15MHz_Middle_QPSK_1@37	23.45	23.75	0.237	1	Pass
15MHz_Middle_QPSK_1@74	23.43	23.73	0.236	1	Pass
15MHz_Middle_QPSK_36@0	22.40	22.70	0.186	1	Pass
15MHz_Middle_QPSK_36@20	22.73	23.03	0.201	1	Pass
15MHz_Middle_QPSK_36@39	22.31	22.61	0.182	1	Pass
15MHz_Middle_QPSK_75@0	22.57	22.87	0.194	1	Pass
15MHz_Middle_16QAM_1@0	22.93	23.23	0.210	1	Pass
15MHz_Middle_16QAM_1@37	23.14	23.44	0.221	1	Pass
15MHz_Middle_16QAM_1@74	22.88	23.18	0.208	1	Pass
15MHz_Middle_16QAM_36@0	21.80	22.10	0.162	1	Pass
15MHz_Middle_16QAM_36@20	21.76	22.06	0.161	1	Pass
15MHz_Middle_16QAM_36@39	21.48	21.78	0.151	1	Pass
15MHz_Middle_16QAM_75@0	21.71	22.01	0.159	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
15MHz_High_QPSK_1@0	23.44	23.74	0.237	1	Pass
15MHz_High_QPSK_1@37	23.32	23.62	0.230	1	Pass
15MHz_High_QPSK_1@74	23.38	23.68	0.233	1	Pass
15MHz_High_QPSK_36@0	22.27	22.57	0.181	1	Pass
15MHz_High_QPSK_36@20	22.36	22.66	0.185	1	Pass
15MHz_High_QPSK_36@39	22.31	22.61	0.182	1	Pass
15MHz_High_QPSK_75@0	22.29	22.59	0.182	1	Pass
15MHz_High_16QAM_1@0	23.04	23.34	0.216	1	Pass
15MHz_High_16QAM_1@37	22.94	23.24	0.211	1	Pass
15MHz_High_16QAM_1@74	22.94	23.24	0.211	1	Pass
15MHz_High_16QAM_36@0	21.51	21.81	0.152	1	Pass
15MHz_High_16QAM_36@20	21.40	21.70	0.148	1	Pass
15MHz_High_16QAM_36@39	21.46	21.76	0.150	1	Pass
15MHz_High_16QAM_75@0	21.35	21.65	0.146	1	Pass
20MHz_Low_QPSK_1@0	23.32	23.62	0.230	1	Pass
20MHz_Low_QPSK_1@49	23.31	23.61	0.230	1	Pass
20MHz_Low_QPSK_1@99	23.39	23.69	0.234	1	Pass
20MHz_Low_QPSK_100@0	22.37	22.67	0.185	1	Pass
20MHz_Low_QPSK_50@0	22.35	22.65	0.184	1	Pass
20MHz_Low_QPSK_50@24	22.41	22.71	0.187	1	Pass
20MHz_Low_QPSK_50@50	22.39	22.69	0.186	1	Pass
20MHz_Low_16QAM_1@0	22.52	22.82	0.191	1	Pass
20MHz_Low_16QAM_1@49	22.52	22.82	0.191	1	Pass
20MHz_Low_16QAM_1@99	22.59	22.89	0.195	1	Pass
20MHz_Low_16QAM_100@0	21.52	21.82	0.152	1	Pass
20MHz_Low_16QAM_50@0	21.43	21.73	0.149	1	Pass
20MHz_Low_16QAM_50@24	21.47	21.77	0.150	1	Pass
20MHz_Low_16QAM_50@50	21.42	21.72	0.149	1	Pass
20MHz_Middle_QPSK_1@0	23.30	23.60	0.229	1	Pass
20MHz_Middle_QPSK_1@49	23.22	23.52	0.225	1	Pass
20MHz_Middle_QPSK_1@99	23.28	23.58	0.228	1	Pass
20MHz_Middle_QPSK_100@0	22.74	23.04	0.201	1	Pass
20MHz_Middle_QPSK_50@0	22.30	22.60	0.182	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
20MHz_Middle_QPSK_50@24	22.66	22.96	0.198	1	Pass
20MHz_Middle_QPSK_50@50	22.27	22.57	0.181	1	Pass
20MHz_Middle_16QAM_1@0	22.34	22.64	0.184	1	Pass
20MHz_Middle_16QAM_1@49	22.56	22.86	0.193	1	Pass
20MHz_Middle_16QAM_1@99	22.31	22.61	0.182	1	Pass
20MHz_Middle_16QAM_100@0	21.80	22.10	0.162	1	Pass
20MHz_Middle_16QAM_50@0	21.35	21.65	0.146	1	Pass
20MHz_Middle_16QAM_50@24	21.68	21.98	0.158	1	Pass
20MHz_Middle_16QAM_50@50	21.38	21.68	0.147	1	Pass
20MHz_High_QPSK_1@0	23.40	23.70	0.234	1	Pass
20MHz_High_QPSK_1@49	23.34	23.64	0.231	1	Pass
20MHz_High_QPSK_1@99	23.39	23.69	0.234	1	Pass
20MHz_High_QPSK_100@0	22.45	22.75	0.188	1	Pass
20MHz_High_QPSK_50@0	22.34	22.64	0.184	1	Pass
20MHz_High_QPSK_50@24	22.41	22.71	0.187	1	Pass
20MHz_High_QPSK_50@50	22.57	22.87	0.194	1	Pass
20MHz_High_16QAM_1@0	21.85	22.15	0.164	1	Pass
20MHz_High_16QAM_1@49	21.84	22.14	0.164	1	Pass
20MHz_High_16QAM_1@99	21.87	22.17	0.165	1	Pass
20MHz_High_16QAM_100@0	21.44	21.74	0.149	1	Pass
20MHz_High_16QAM_50@0	21.41	21.71	0.148	1	Pass
20MHz_High_16QAM_50@24	21.46	21.76	0.150	1	Pass
20MHz_High_16QAM_50@50	21.56	21.86	0.153	1	Pass

Note:
EIRP = Conducted Power(dBm) - L_C(dB) + G_T(dBi)
1.Ant Gain = 0.5dBi;
2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0.2dB

FCC Part 27 & IC RSS 199

B7 , Normal

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_Low_QPSK_1@0	22.68	22.88	0.194	2	Pass
5MHz_Low_QPSK_1@12	22.59	22.79	0.190	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_Low_QPSK_1@24	22.60	22.80	0.191	2	Pass
5MHz_Low_QPSK_12@0	21.43	21.63	0.146	2	Pass
5MHz_Low_QPSK_12@13	21.48	21.68	0.147	2	Pass
5MHz_Low_QPSK_12@7	21.49	21.69	0.148	2	Pass
5MHz_Low_QPSK_25@0	21.44	21.64	0.146	2	Pass
5MHz_Low_16QAM_1@0	21.84	22.04	0.160	2	Pass
5MHz_Low_16QAM_1@12	21.89	22.09	0.162	2	Pass
5MHz_Low_16QAM_1@24	21.89	22.09	0.162	2	Pass
5MHz_Low_16QAM_12@0	20.47	20.67	0.117	2	Pass
5MHz_Low_16QAM_12@13	20.44	20.64	0.116	2	Pass
5MHz_Low_16QAM_12@7	20.25	20.45	0.111	2	Pass
5MHz_Low_16QAM_25@0	20.61	20.81	0.121	2	Pass
5MHz_Middle_QPSK_1@0	22.38	22.58	0.181	2	Pass
5MHz_Middle_QPSK_1@12	22.45	22.65	0.184	2	Pass
5MHz_Middle_QPSK_1@24	22.28	22.48	0.177	2	Pass
5MHz_Middle_QPSK_12@0	21.52	21.72	0.149	2	Pass
5MHz_Middle_QPSK_12@13	21.66	21.86	0.153	2	Pass
5MHz_Middle_QPSK_12@7	21.66	21.86	0.153	2	Pass
5MHz_Middle_QPSK_25@0	21.47	21.67	0.147	2	Pass
5MHz_Middle_16QAM_1@0	21.29	21.49	0.141	2	Pass
5MHz_Middle_16QAM_1@12	21.30	21.50	0.141	2	Pass
5MHz_Middle_16QAM_1@24	21.29	21.49	0.141	2	Pass
5MHz_Middle_16QAM_12@0	20.56	20.76	0.119	2	Pass
5MHz_Middle_16QAM_12@13	20.58	20.78	0.120	2	Pass
5MHz_Middle_16QAM_12@7	20.63	20.83	0.121	2	Pass
5MHz_Middle_16QAM_25@0	20.58	20.78	0.120	2	Pass
5MHz_High_QPSK_1@0	22.45	22.65	0.184	2	Pass
5MHz_High_QPSK_1@12	22.52	22.72	0.187	2	Pass
5MHz_High_QPSK_1@24	22.49	22.69	0.186	2	Pass
5MHz_High_QPSK_12@0	21.56	21.76	0.150	2	Pass
5MHz_High_QPSK_12@13	21.54	21.74	0.149	2	Pass
5MHz_High_QPSK_12@7	21.49	21.69	0.148	2	Pass
5MHz_High_QPSK_25@0	21.43	21.63	0.146	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_High_16QAM_1@0	21.22	21.42	0.139	2	Pass
5MHz_High_16QAM_1@12	21.07	21.27	0.134	2	Pass
5MHz_High_16QAM_1@24	21.15	21.35	0.136	2	Pass
5MHz_High_16QAM_12@0	20.47	20.67	0.117	2	Pass
5MHz_High_16QAM_12@13	20.45	20.65	0.116	2	Pass
5MHz_High_16QAM_12@7	20.46	20.66	0.116	2	Pass
5MHz_High_16QAM_25@0	20.79	20.99	0.126	2	Pass
10MHz_Low_QPSK_1@0	22.71	22.91	0.195	2	Pass
10MHz_Low_QPSK_1@25	22.72	22.92	0.196	2	Pass
10MHz_Low_QPSK_1@49	22.69	22.89	0.195	2	Pass
10MHz_Low_QPSK_25@0	21.50	21.70	0.148	2	Pass
10MHz_Low_QPSK_25@12	21.48	21.68	0.147	2	Pass
10MHz_Low_QPSK_25@25	21.48	21.68	0.147	2	Pass
10MHz_Low_QPSK_50@0	21.53	21.73	0.149	2	Pass
10MHz_Low_16QAM_1@0	22.39	22.59	0.182	2	Pass
10MHz_Low_16QAM_1@25	22.44	22.64	0.184	2	Pass
10MHz_Low_16QAM_1@49	22.53	22.73	0.187	2	Pass
10MHz_Low_16QAM_25@0	20.65	20.85	0.122	2	Pass
10MHz_Low_16QAM_25@12	20.63	20.83	0.121	2	Pass
10MHz_Low_16QAM_25@25	20.64	20.84	0.121	2	Pass
10MHz_Low_16QAM_50@0	20.62	20.82	0.121	2	Pass
10MHz_Middle_QPSK_1@0	22.58	22.78	0.190	2	Pass
10MHz_Middle_QPSK_1@25	22.58	22.78	0.190	2	Pass
10MHz_Middle_QPSK_1@49	22.62	22.82	0.191	2	Pass
10MHz_Middle_QPSK_25@0	21.60	21.80	0.151	2	Pass
10MHz_Middle_QPSK_25@12	21.59	21.79	0.151	2	Pass
10MHz_Middle_QPSK_25@25	21.57	21.77	0.150	2	Pass
10MHz_Middle_QPSK_50@0	21.62	21.82	0.152	2	Pass
10MHz_Middle_16QAM_1@0	21.44	21.64	0.146	2	Pass
10MHz_Middle_16QAM_1@25	21.43	21.63	0.146	2	Pass
10MHz_Middle_16QAM_1@49	21.43	21.63	0.146	2	Pass
10MHz_Middle_16QAM_25@0	20.68	20.88	0.122	2	Pass
10MHz_Middle_16QAM_25@12	20.79	20.99	0.126	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_Middle_16QAM_25@25	20.71	20.91	0.123	2	Pass
10MHz_Middle_16QAM_50@0	20.66	20.86	0.122	2	Pass
10MHz_High_QPSK_1@0	22.81	23.01	0.200	2	Pass
10MHz_High_QPSK_1@25	22.86	23.06	0.202	2	Pass
10MHz_High_QPSK_1@49	22.83	23.03	0.201	2	Pass
10MHz_High_QPSK_25@0	21.58	21.78	0.151	2	Pass
10MHz_High_QPSK_25@12	21.63	21.83	0.152	2	Pass
10MHz_High_QPSK_25@25	21.56	21.76	0.150	2	Pass
10MHz_High_QPSK_50@0	21.66	21.86	0.153	2	Pass
10MHz_High_16QAM_1@0	22.23	22.43	0.175	2	Pass
10MHz_High_16QAM_1@25	22.29	22.49	0.177	2	Pass
10MHz_High_16QAM_1@49	22.19	22.39	0.173	2	Pass
10MHz_High_16QAM_25@0	20.71	20.91	0.123	2	Pass
10MHz_High_16QAM_25@12	20.74	20.94	0.124	2	Pass
10MHz_High_16QAM_25@25	20.67	20.87	0.122	2	Pass
10MHz_High_16QAM_50@0	20.76	20.96	0.125	2	Pass
15MHz_Low_QPSK_1@0	22.68	22.88	0.194	2	Pass
15MHz_Low_QPSK_1@37	22.60	22.80	0.191	2	Pass
15MHz_Low_QPSK_1@74	22.60	22.80	0.191	2	Pass
15MHz_Low_QPSK_36@0	21.57	21.77	0.150	2	Pass
15MHz_Low_QPSK_36@20	21.51	21.71	0.148	2	Pass
15MHz_Low_QPSK_36@39	21.52	21.72	0.149	2	Pass
15MHz_Low_QPSK_75@0	21.40	21.60	0.145	2	Pass
15MHz_Low_16QAM_1@0	22.41	22.61	0.182	2	Pass
15MHz_Low_16QAM_1@37	22.34	22.54	0.179	2	Pass
15MHz_Low_16QAM_1@74	22.33	22.53	0.179	2	Pass
15MHz_Low_16QAM_36@0	20.60	20.80	0.120	2	Pass
15MHz_Low_16QAM_36@20	20.64	20.84	0.121	2	Pass
15MHz_Low_16QAM_36@39	20.61	20.81	0.121	2	Pass
15MHz_Low_16QAM_75@0	20.50	20.70	0.117	2	Pass
15MHz_Middle_QPSK_1@0	22.54	22.74	0.188	2	Pass
15MHz_Middle_QPSK_1@37	22.55	22.75	0.188	2	Pass
15MHz_Middle_QPSK_1@74	22.56	22.76	0.189	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
15MHz_Middle_QPSK_36@0	21.54	21.74	0.149	2	Pass
15MHz_Middle_QPSK_36@20	21.58	21.78	0.151	2	Pass
15MHz_Middle_QPSK_36@39	21.60	21.80	0.151	2	Pass
15MHz_Middle_QPSK_75@0	21.55	21.75	0.150	2	Pass
15MHz_Middle_16QAM_1@0	22.33	22.53	0.179	2	Pass
15MHz_Middle_16QAM_1@37	22.32	22.52	0.179	2	Pass
15MHz_Middle_16QAM_1@74	22.25	22.45	0.176	2	Pass
15MHz_Middle_16QAM_36@0	20.64	20.84	0.121	2	Pass
15MHz_Middle_16QAM_36@20	20.61	20.81	0.121	2	Pass
15MHz_Middle_16QAM_36@39	20.57	20.77	0.119	2	Pass
15MHz_Middle_16QAM_75@0	20.68	20.88	0.122	2	Pass
15MHz_High_QPSK_1@0	22.76	22.96	0.198	2	Pass
15MHz_High_QPSK_1@37	22.74	22.94	0.197	2	Pass
15MHz_High_QPSK_1@74	22.75	22.95	0.197	2	Pass
15MHz_High_QPSK_36@0	21.58	21.78	0.151	2	Pass
15MHz_High_QPSK_36@20	21.55	21.75	0.150	2	Pass
15MHz_High_QPSK_36@39	21.53	21.73	0.149	2	Pass
15MHz_High_QPSK_75@0	21.50	21.70	0.148	2	Pass
15MHz_High_16QAM_1@0	22.13	22.33	0.171	2	Pass
15MHz_High_16QAM_1@37	22.19	22.39	0.173	2	Pass
15MHz_High_16QAM_1@74	22.15	22.35	0.172	2	Pass
15MHz_High_16QAM_36@0	20.65	20.85	0.122	2	Pass
15MHz_High_16QAM_36@20	20.68	20.88	0.122	2	Pass
15MHz_High_16QAM_36@39	20.75	20.95	0.124	2	Pass
15MHz_High_16QAM_75@0	20.69	20.89	0.123	2	Pass
20MHz_Low_QPSK_1@0	22.44	22.64	0.184	2	Pass
20MHz_Low_QPSK_1@49	22.29	22.49	0.177	2	Pass
20MHz_Low_QPSK_1@99	22.30	22.50	0.178	2	Pass
20MHz_Low_QPSK_100@0	21.44	21.64	0.146	2	Pass
20MHz_Low_QPSK_50@0	21.53	21.73	0.149	2	Pass
20MHz_Low_QPSK_50@24	21.40	21.60	0.145	2	Pass
20MHz_Low_QPSK_50@50	21.52	21.72	0.149	2	Pass
20MHz_Low_16QAM_1@0	21.75	21.95	0.157	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
20MHz_Low_16QAM_1@49	21.66	21.86	0.153	2	Pass
20MHz_Low_16QAM_1@99	21.70	21.90	0.155	2	Pass
20MHz_Low_16QAM_100@0	20.54	20.74	0.119	2	Pass
20MHz_Low_16QAM_50@0	20.51	20.71	0.118	2	Pass
20MHz_Low_16QAM_50@24	20.56	20.76	0.119	2	Pass
20MHz_Low_16QAM_50@50	20.97	21.17	0.131	2	Pass
20MHz_Middle_QPSK_1@0	22.36	22.56	0.180	2	Pass
20MHz_Middle_QPSK_1@49	22.36	22.56	0.180	2	Pass
20MHz_Middle_QPSK_1@99	22.41	22.61	0.182	2	Pass
20MHz_Middle_QPSK_100@0	21.51	21.71	0.148	2	Pass
20MHz_Middle_QPSK_50@0	21.51	21.71	0.148	2	Pass
20MHz_Middle_QPSK_50@24	21.62	21.82	0.152	2	Pass
20MHz_Middle_QPSK_50@50	21.61	21.81	0.152	2	Pass
20MHz_Middle_16QAM_1@0	21.36	21.56	0.143	2	Pass
20MHz_Middle_16QAM_1@49	21.31	21.51	0.142	2	Pass
20MHz_Middle_16QAM_1@99	21.35	21.55	0.143	2	Pass
20MHz_Middle_16QAM_100@0	20.60	20.80	0.120	2	Pass
20MHz_Middle_16QAM_50@0	20.56	20.76	0.119	2	Pass
20MHz_Middle_16QAM_50@24	20.53	20.73	0.118	2	Pass
20MHz_Middle_16QAM_50@50	20.54	20.74	0.119	2	Pass
20MHz_High_QPSK_1@0	22.63	22.83	0.192	2	Pass
20MHz_High_QPSK_1@49	22.58	22.78	0.190	2	Pass
20MHz_High_QPSK_1@99	22.60	22.80	0.191	2	Pass
20MHz_High_QPSK_100@0	21.67	21.87	0.154	2	Pass
20MHz_High_QPSK_50@0	21.59	21.79	0.151	2	Pass
20MHz_High_QPSK_50@24	21.64	21.84	0.153	2	Pass
20MHz_High_QPSK_50@50	21.73	21.93	0.156	2	Pass
20MHz_High_16QAM_1@0	22.09	22.29	0.169	2	Pass
20MHz_High_16QAM_1@49	22.12	22.32	0.171	2	Pass
20MHz_High_16QAM_1@99	22.09	22.29	0.169	2	Pass
20MHz_High_16QAM_100@0	20.58	20.78	0.120	2	Pass
20MHz_High_16QAM_50@0	20.65	20.85	0.122	2	Pass
20MHz_High_16QAM_50@24	20.65	20.85	0.122	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
20MHz_High_16QAM_50@50	20.79	20.99	0.126	2	Pass

Note:

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

1.Ant Gain = 0.6dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0.4dB

FCC Part 27 & IC RSS 130

B12 , Normal

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
1.4MHz_Low_QPSK_1@0	22.86	18.61	0.073	3	Pass
1.4MHz_Low_QPSK_1@3	22.78	18.53	0.071	3	Pass
1.4MHz_Low_QPSK_1@5	22.88	18.63	0.073	3	Pass
1.4MHz_Low_QPSK_3@0	22.64	18.39	0.069	3	Pass
1.4MHz_Low_QPSK_3@1	22.70	18.45	0.070	3	Pass
1.4MHz_Low_QPSK_3@3	22.74	18.49	0.071	3	Pass
1.4MHz_Low_QPSK_6@0	21.58	17.33	0.054	3	Pass
1.4MHz_Low_16QAM_1@0	21.56	17.31	0.054	3	Pass
1.4MHz_Low_16QAM_1@3	21.45	17.20	0.052	3	Pass
1.4MHz_Low_16QAM_1@5	21.51	17.26	0.053	3	Pass
1.4MHz_Low_16QAM_3@0	21.58	17.33	0.054	3	Pass
1.4MHz_Low_16QAM_3@1	21.56	17.31	0.054	3	Pass
1.4MHz_Low_16QAM_3@3	21.58	17.33	0.054	3	Pass
1.4MHz_Low_16QAM_6@0	20.60	16.35	0.043	3	Pass
1.4MHz_Middle_QPSK_1@0	22.80	18.55	0.072	3	Pass
1.4MHz_Middle_QPSK_1@3	22.78	18.53	0.071	3	Pass
1.4MHz_Middle_QPSK_1@5	22.73	18.48	0.070	3	Pass
1.4MHz_Middle_QPSK_3@0	22.65	18.40	0.069	3	Pass
1.4MHz_Middle_QPSK_3@1	22.65	18.40	0.069	3	Pass
1.4MHz_Middle_QPSK_3@3	22.52	18.27	0.067	3	Pass
1.4MHz_Middle_QPSK_6@0	21.47	17.22	0.053	3	Pass
1.4MHz_Middle_16QAM_1@0	22.45	18.20	0.066	3	Pass
1.4MHz_Middle_16QAM_1@3	22.39	18.14	0.065	3	Pass
1.4MHz_Middle_16QAM_1@5	22.45	18.20	0.066	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
1.4MHz_Middle_16QAM_3@0	21.80	17.55	0.057	3	Pass
1.4MHz_Middle_16QAM_3@1	21.95	17.70	0.059	3	Pass
1.4MHz_Middle_16QAM_3@3	21.91	17.66	0.058	3	Pass
1.4MHz_Middle_16QAM_6@0	20.84	16.59	0.046	3	Pass
1.4MHz_High_QPSK_1@0	22.67	18.42	0.070	3	Pass
1.4MHz_High_QPSK_1@3	22.64	18.39	0.069	3	Pass
1.4MHz_High_QPSK_1@5	22.63	18.38	0.069	3	Pass
1.4MHz_High_QPSK_3@0	22.74	18.49	0.071	3	Pass
1.4MHz_High_QPSK_3@1	22.76	18.51	0.071	3	Pass
1.4MHz_High_QPSK_3@3	22.76	18.51	0.071	3	Pass
1.4MHz_High_QPSK_6@0	21.63	17.38	0.055	3	Pass
1.4MHz_High_16QAM_1@0	22.31	18.06	0.064	3	Pass
1.4MHz_High_16QAM_1@3	22.42	18.17	0.066	3	Pass
1.4MHz_High_16QAM_1@5	22.31	18.06	0.064	3	Pass
1.4MHz_High_16QAM_3@0	21.61	17.36	0.054	3	Pass
1.4MHz_High_16QAM_3@1	21.74	17.49	0.056	3	Pass
1.4MHz_High_16QAM_3@3	21.79	17.54	0.057	3	Pass
1.4MHz_High_16QAM_6@0	20.36	16.11	0.041	3	Pass
3MHz_Low_QPSK_1@0	22.77	18.52	0.071	3	Pass
3MHz_Low_QPSK_1@14	22.87	18.62	0.073	3	Pass
3MHz_Low_QPSK_1@8	22.79	18.54	0.071	3	Pass
3MHz_Low_QPSK_15@0	21.70	17.45	0.056	3	Pass
3MHz_Low_QPSK_8@0	21.72	17.47	0.056	3	Pass
3MHz_Low_QPSK_8@4	21.73	17.48	0.056	3	Pass
3MHz_Low_QPSK_8@7	21.80	17.55	0.057	3	Pass
3MHz_Low_16QAM_1@0	21.90	17.65	0.058	3	Pass
3MHz_Low_16QAM_1@14	21.90	17.65	0.058	3	Pass
3MHz_Low_16QAM_1@8	21.91	17.66	0.058	3	Pass
3MHz_Low_16QAM_15@0	20.66	16.41	0.044	3	Pass
3MHz_Low_16QAM_8@0	20.80	16.55	0.045	3	Pass
3MHz_Low_16QAM_8@4	20.73	16.48	0.044	3	Pass
3MHz_Low_16QAM_8@7	21.14	16.89	0.049	3	Pass
3MHz_Middle_QPSK_1@0	22.69	18.44	0.070	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
3MHz_Middle_QPSK_1@14	22.58	18.33	0.068	3	Pass
3MHz_Middle_QPSK_1@8	22.68	18.43	0.070	3	Pass
3MHz_Middle_QPSK_15@0	21.55	17.30	0.054	3	Pass
3MHz_Middle_QPSK_8@0	21.70	17.45	0.056	3	Pass
3MHz_Middle_QPSK_8@4	21.64	17.39	0.055	3	Pass
3MHz_Middle_QPSK_8@7	21.58	17.33	0.054	3	Pass
3MHz_Middle_16QAM_1@0	22	17.75	0.060	3	Pass
3MHz_Middle_16QAM_1@14	21.77	17.52	0.056	3	Pass
3MHz_Middle_16QAM_1@8	21.86	17.61	0.058	3	Pass
3MHz_Middle_16QAM_15@0	20.69	16.44	0.044	3	Pass
3MHz_Middle_16QAM_8@0	20.54	16.29	0.043	3	Pass
3MHz_Middle_16QAM_8@4	20.74	16.49	0.045	3	Pass
3MHz_Middle_16QAM_8@7	20.68	16.43	0.044	3	Pass
3MHz_High_QPSK_1@0	22.75	18.50	0.071	3	Pass
3MHz_High_QPSK_1@14	22.53	18.28	0.067	3	Pass
3MHz_High_QPSK_1@8	22.67	18.42	0.070	3	Pass
3MHz_High_QPSK_15@0	21.62	17.37	0.055	3	Pass
3MHz_High_QPSK_8@0	21.61	17.36	0.054	3	Pass
3MHz_High_QPSK_8@4	21.67	17.42	0.055	3	Pass
3MHz_High_QPSK_8@7	21.70	17.45	0.056	3	Pass
3MHz_High_16QAM_1@0	22.20	17.95	0.062	3	Pass
3MHz_High_16QAM_1@14	22.19	17.94	0.062	3	Pass
3MHz_High_16QAM_1@8	22.18	17.93	0.062	3	Pass
3MHz_High_16QAM_15@0	20.83	16.58	0.045	3	Pass
3MHz_High_16QAM_8@0	20.51	16.26	0.042	3	Pass
3MHz_High_16QAM_8@4	20.49	16.24	0.042	3	Pass
3MHz_High_16QAM_8@7	20.44	16.19	0.042	3	Pass
5MHz_Low_QPSK_1@0	22.79	18.54	0.071	3	Pass
5MHz_Low_QPSK_1@12	22.83	18.58	0.072	3	Pass
5MHz_Low_QPSK_1@24	22.72	18.47	0.070	3	Pass
5MHz_Low_QPSK_12@0	21.78	17.53	0.057	3	Pass
5MHz_Low_QPSK_12@13	21.75	17.50	0.056	3	Pass
5MHz_Low_QPSK_12@7	21.68	17.43	0.055	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_Low_QPSK_25@0	21.70	17.45	0.056	3	Pass
5MHz_Low_16QAM_1@0	21.99	17.74	0.059	3	Pass
5MHz_Low_16QAM_1@12	22.01	17.76	0.060	3	Pass
5MHz_Low_16QAM_1@24	22.02	17.77	0.060	3	Pass
5MHz_Low_16QAM_12@0	20.62	16.37	0.043	3	Pass
5MHz_Low_16QAM_12@13	21.06	16.81	0.048	3	Pass
5MHz_Low_16QAM_12@7	21.08	16.83	0.048	3	Pass
5MHz_Low_16QAM_25@0	21.24	16.99	0.050	3	Pass
5MHz_Middle_QPSK_1@0	22.44	18.19	0.066	3	Pass
5MHz_Middle_QPSK_1@12	22.37	18.12	0.065	3	Pass
5MHz_Middle_QPSK_1@24	22.48	18.23	0.067	3	Pass
5MHz_Middle_QPSK_12@0	21.77	17.52	0.056	3	Pass
5MHz_Middle_QPSK_12@13	21.57	17.32	0.054	3	Pass
5MHz_Middle_QPSK_12@7	21.70	17.45	0.056	3	Pass
5MHz_Middle_QPSK_25@0	21.63	17.38	0.055	3	Pass
5MHz_Middle_16QAM_1@0	21.49	17.24	0.053	3	Pass
5MHz_Middle_16QAM_1@12	21.33	17.08	0.051	3	Pass
5MHz_Middle_16QAM_1@24	21.29	17.04	0.051	3	Pass
5MHz_Middle_16QAM_12@0	20.65	16.40	0.044	3	Pass
5MHz_Middle_16QAM_12@13	20.67	16.42	0.044	3	Pass
5MHz_Middle_16QAM_12@7	20.68	16.43	0.044	3	Pass
5MHz_Middle_16QAM_25@0	20.69	16.44	0.044	3	Pass
5MHz_High_QPSK_1@0	22.53	18.28	0.067	3	Pass
5MHz_High_QPSK_1@12	22.60	18.35	0.068	3	Pass
5MHz_High_QPSK_1@24	22.47	18.22	0.066	3	Pass
5MHz_High_QPSK_12@0	21.57	17.32	0.054	3	Pass
5MHz_High_QPSK_12@13	21.59	17.34	0.054	3	Pass
5MHz_High_QPSK_12@7	21.59	17.34	0.054	3	Pass
5MHz_High_QPSK_25@0	21.62	17.37	0.055	3	Pass
5MHz_High_16QAM_1@0	21.22	16.97	0.050	3	Pass
5MHz_High_16QAM_1@12	21.20	16.95	0.050	3	Pass
5MHz_High_16QAM_1@24	21.19	16.94	0.049	3	Pass
5MHz_High_16QAM_12@0	21.05	16.80	0.048	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_High_16QAM_12@13	20.62	16.37	0.043	3	Pass
5MHz_High_16QAM_12@7	20.65	16.40	0.044	3	Pass
5MHz_High_16QAM_25@0	20.85	16.60	0.046	3	Pass
10MHz_Low_QPSK_1@0	22.88	18.63	0.073	3	Pass
10MHz_Low_QPSK_1@25	22.92	18.67	0.074	3	Pass
10MHz_Low_QPSK_1@49	22.78	18.53	0.071	3	Pass
10MHz_Low_QPSK_25@0	21.75	17.50	0.056	3	Pass
10MHz_Low_QPSK_25@12	21.69	17.44	0.055	3	Pass
10MHz_Low_QPSK_25@25	21.63	17.38	0.055	3	Pass
10MHz_Low_QPSK_50@0	21.77	17.52	0.056	3	Pass
10MHz_Low_16QAM_1@0	22.58	18.33	0.068	3	Pass
10MHz_Low_16QAM_1@25	22.45	18.20	0.066	3	Pass
10MHz_Low_16QAM_1@49	22.50	18.25	0.067	3	Pass
10MHz_Low_16QAM_25@0	21.18	16.93	0.049	3	Pass
10MHz_Low_16QAM_25@12	20.67	16.42	0.044	3	Pass
10MHz_Low_16QAM_25@25	20.80	16.55	0.045	3	Pass
10MHz_Low_16QAM_50@0	20.60	16.35	0.043	3	Pass
10MHz_Middle_QPSK_1@0	22.89	18.64	0.073	3	Pass
10MHz_Middle_QPSK_1@25	22.63	18.38	0.069	3	Pass
10MHz_Middle_QPSK_1@49	22.72	18.47	0.070	3	Pass
10MHz_Middle_QPSK_25@0	21.67	17.42	0.055	3	Pass
10MHz_Middle_QPSK_25@12	21.64	17.39	0.055	3	Pass
10MHz_Middle_QPSK_25@25	21.64	17.39	0.055	3	Pass
10MHz_Middle_QPSK_50@0	21.59	17.34	0.054	3	Pass
10MHz_Middle_16QAM_1@0	21.57	17.32	0.054	3	Pass
10MHz_Middle_16QAM_1@25	21.47	17.22	0.053	3	Pass
10MHz_Middle_16QAM_1@49	21.40	17.15	0.052	3	Pass
10MHz_Middle_16QAM_25@0	20.81	16.56	0.045	3	Pass
10MHz_Middle_16QAM_25@12	20.82	16.57	0.045	3	Pass
10MHz_Middle_16QAM_25@25	20.73	16.48	0.044	3	Pass
10MHz_Middle_16QAM_50@0	20.67	16.42	0.044	3	Pass
10MHz_High_QPSK_1@0	22.70	18.45	0.070	3	Pass
10MHz_High_QPSK_1@25	22.77	18.52	0.071	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_High_QPSK_1@49	22.72	18.47	0.070	3	Pass
10MHz_High_QPSK_25@0	21.51	17.26	0.053	3	Pass
10MHz_High_QPSK_25@12	21.64	17.39	0.055	3	Pass
10MHz_High_QPSK_25@25	21.71	17.46	0.056	3	Pass
10MHz_High_QPSK_50@0	21.61	17.36	0.054	3	Pass
10MHz_High_16QAM_1@0	21.97	17.72	0.059	3	Pass
10MHz_High_16QAM_1@25	21.86	17.61	0.058	3	Pass
10MHz_High_16QAM_1@49	22.01	17.76	0.060	3	Pass
10MHz_High_16QAM_25@0	20.71	16.46	0.044	3	Pass
10MHz_High_16QAM_25@12	20.60	16.35	0.043	3	Pass
10MHz_High_16QAM_25@25	20.76	16.51	0.045	3	Pass
10MHz_High_16QAM_50@0	20.68	16.43	0.044	3	Pass

Note:

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

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -2dBi;

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

FCC Part 27 & IC RSS 130

B17 , Normal

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_Low_QPSK_1@0	22.71	18.46	0.070	3	Pass
5MHz_Low_QPSK_1@12	22.58	18.33	0.068	3	Pass
5MHz_Low_QPSK_1@24	22.46	18.21	0.066	3	Pass
5MHz_Low_QPSK_12@0	21.77	17.52	0.056	3	Pass
5MHz_Low_QPSK_12@13	21.59	17.34	0.054	3	Pass
5MHz_Low_QPSK_12@7	21.79	17.54	0.057	3	Pass
5MHz_Low_QPSK_25@0	21.72	17.47	0.056	3	Pass
5MHz_Low_16QAM_1@0	21.89	17.64	0.058	3	Pass
5MHz_Low_16QAM_1@12	21.88	17.63	0.058	3	Pass
5MHz_Low_16QAM_1@24	21.73	17.48	0.056	3	Pass
5MHz_Low_16QAM_12@0	20.55	16.30	0.043	3	Pass
5MHz_Low_16QAM_12@13	20.72	16.47	0.044	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_Low_16QAM_12@7	20.61	16.36	0.043	3	Pass
5MHz_Low_16QAM_25@0	20.77	16.52	0.045	3	Pass
5MHz_Middle_QPSK_1@0	22.45	18.20	0.066	3	Pass
5MHz_Middle_QPSK_1@12	22.52	18.27	0.067	3	Pass
5MHz_Middle_QPSK_1@24	22.57	18.32	0.068	3	Pass
5MHz_Middle_QPSK_12@0	21.46	17.21	0.053	3	Pass
5MHz_Middle_QPSK_12@13	21.56	17.31	0.054	3	Pass
5MHz_Middle_QPSK_12@7	21.62	17.37	0.055	3	Pass
5MHz_Middle_QPSK_25@0	21.54	17.29	0.054	3	Pass
5MHz_Middle_16QAM_1@0	21.17	16.92	0.049	3	Pass
5MHz_Middle_16QAM_1@12	21.12	16.87	0.049	3	Pass
5MHz_Middle_16QAM_1@24	21.14	16.89	0.049	3	Pass
5MHz_Middle_16QAM_12@0	20.51	16.26	0.042	3	Pass
5MHz_Middle_16QAM_12@13	20.94	16.69	0.047	3	Pass
5MHz_Middle_16QAM_12@7	20.57	16.32	0.043	3	Pass
5MHz_Middle_16QAM_25@0	20.78	16.53	0.045	3	Pass
5MHz_High_QPSK_1@0	22.82	18.57	0.072	3	Pass
5MHz_High_QPSK_1@12	22.85	18.60	0.072	3	Pass
5MHz_High_QPSK_1@24	22.71	18.46	0.070	3	Pass
5MHz_High_QPSK_12@0	21.63	17.38	0.055	3	Pass
5MHz_High_QPSK_12@13	21.57	17.32	0.054	3	Pass
5MHz_High_QPSK_12@7	21.69	17.44	0.055	3	Pass
5MHz_High_QPSK_25@0	21.74	17.49	0.056	3	Pass
5MHz_High_16QAM_1@0	21.44	17.19	0.052	3	Pass
5MHz_High_16QAM_1@12	21.54	17.29	0.054	3	Pass
5MHz_High_16QAM_1@24	21.60	17.35	0.054	3	Pass
5MHz_High_16QAM_12@0	21	16.75	0.047	3	Pass
5MHz_High_16QAM_12@13	20.64	16.39	0.044	3	Pass
5MHz_High_16QAM_12@7	20.74	16.49	0.045	3	Pass
5MHz_High_16QAM_25@0	20.96	16.71	0.047	3	Pass
10MHz_Low_QPSK_1@0	22.86	18.61	0.073	3	Pass
10MHz_Low_QPSK_1@25	22.70	18.45	0.070	3	Pass
10MHz_Low_QPSK_1@49	22.88	18.63	0.073	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_Low_QPSK_25@0	21.74	17.49	0.056	3	Pass
10MHz_Low_QPSK_25@12	21.62	17.37	0.055	3	Pass
10MHz_Low_QPSK_25@25	21.54	17.29	0.054	3	Pass
10MHz_Low_QPSK_50@0	21.56	17.31	0.054	3	Pass
10MHz_Low_16QAM_1@0	22.55	18.30	0.068	3	Pass
10MHz_Low_16QAM_1@25	22.43	18.18	0.066	3	Pass
10MHz_Low_16QAM_1@49	22.52	18.27	0.067	3	Pass
10MHz_Low_16QAM_25@0	20.74	16.49	0.045	3	Pass
10MHz_Low_16QAM_25@12	20.71	16.46	0.044	3	Pass
10MHz_Low_16QAM_25@25	21.13	16.88	0.049	3	Pass
10MHz_Low_16QAM_50@0	20.75	16.50	0.045	3	Pass
10MHz_Middle_QPSK_1@0	22.64	18.39	0.069	3	Pass
10MHz_Middle_QPSK_1@25	22.75	18.50	0.071	3	Pass
10MHz_Middle_QPSK_1@49	22.78	18.53	0.071	3	Pass
10MHz_Middle_QPSK_25@0	21.62	17.37	0.055	3	Pass
10MHz_Middle_QPSK_25@12	21.58	17.33	0.054	3	Pass
10MHz_Middle_QPSK_25@25	21.47	17.22	0.053	3	Pass
10MHz_Middle_QPSK_50@0	21.60	17.35	0.054	3	Pass
10MHz_Middle_16QAM_1@0	21.46	17.21	0.053	3	Pass
10MHz_Middle_16QAM_1@25	21.30	17.05	0.051	3	Pass
10MHz_Middle_16QAM_1@49	21.46	17.21	0.053	3	Pass
10MHz_Middle_16QAM_25@0	20.71	16.46	0.044	3	Pass
10MHz_Middle_16QAM_25@12	20.55	16.30	0.043	3	Pass
10MHz_Middle_16QAM_25@25	21.15	16.90	0.049	3	Pass
10MHz_Middle_16QAM_50@0	20.55	16.30	0.043	3	Pass
10MHz_High_QPSK_1@0	22.69	18.44	0.070	3	Pass
10MHz_High_QPSK_1@25	22.70	18.45	0.070	3	Pass
10MHz_High_QPSK_1@49	22.76	18.51	0.071	3	Pass
10MHz_High_QPSK_25@0	21.55	17.30	0.054	3	Pass
10MHz_High_QPSK_25@12	21.70	17.45	0.056	3	Pass
10MHz_High_QPSK_25@25	21.67	17.42	0.055	3	Pass
10MHz_High_QPSK_50@0	21.73	17.48	0.056	3	Pass
10MHz_High_16QAM_1@0	22.02	17.77	0.060	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_High_16QAM_1@25	21.93	17.68	0.059	3	Pass
10MHz_High_16QAM_1@49	22.05	17.80	0.060	3	Pass
10MHz_High_16QAM_25@0	20.74	16.49	0.045	3	Pass
10MHz_High_16QAM_25@12	20.53	16.28	0.042	3	Pass
10MHz_High_16QAM_25@25	20.79	16.54	0.045	3	Pass
10MHz_High_16QAM_50@0	20.46	16.21	0.042	3	Pass

Note:

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

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -2dBi;

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

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	23.09	23.39	0.218	1	Pass
1.4MHz_Low_QPSK_1@3	23.04	23.34	0.216	1	Pass
1.4MHz_Low_QPSK_1@5	23.09	23.39	0.218	1	Pass
1.4MHz_Low_QPSK_3@0	23	23.30	0.214	1	Pass
1.4MHz_Low_QPSK_3@1	23.03	23.33	0.215	1	Pass
1.4MHz_Low_QPSK_3@3	22.97	23.27	0.212	1	Pass
1.4MHz_Low_QPSK_6@0	22.02	22.32	0.171	1	Pass
1.4MHz_Low_16QAM_1@0	21.98	22.28	0.169	1	Pass
1.4MHz_Low_16QAM_1@3	22.05	22.35	0.172	1	Pass
1.4MHz_Low_16QAM_1@5	22.09	22.39	0.173	1	Pass
1.4MHz_Low_16QAM_3@0	22.04	22.34	0.171	1	Pass
1.4MHz_Low_16QAM_3@1	22.01	22.31	0.170	1	Pass
1.4MHz_Low_16QAM_3@3	22.08	22.38	0.173	1	Pass
1.4MHz_Low_16QAM_6@0	21.22	21.52	0.142	1	Pass
1.4MHz_Middle_QPSK_1@0	23.14	23.44	0.221	1	Pass
1.4MHz_Middle_QPSK_1@3	23.14	23.44	0.221	1	Pass
1.4MHz_Middle_QPSK_1@5	23.17	23.47	0.222	1	Pass
1.4MHz_Middle_QPSK_3@0	23	23.30	0.214	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
1.4MHz_Middle_QPSK_3@1	23.04	23.34	0.216	1	Pass
1.4MHz_Middle_QPSK_3@3	23.12	23.42	0.220	1	Pass
1.4MHz_Middle_QPSK_6@0	22.07	22.37	0.173	1	Pass
1.4MHz_Middle_16QAM_1@0	22.83	23.13	0.206	1	Pass
1.4MHz_Middle_16QAM_1@3	22.78	23.08	0.203	1	Pass
1.4MHz_Middle_16QAM_1@5	22.75	23.05	0.202	1	Pass
1.4MHz_Middle_16QAM_3@0	22.49	22.79	0.190	1	Pass
1.4MHz_Middle_16QAM_3@1	22.46	22.76	0.189	1	Pass
1.4MHz_Middle_16QAM_3@3	22.54	22.84	0.192	1	Pass
1.4MHz_Middle_16QAM_6@0	20.79	21.09	0.129	1	Pass
1.4MHz_High_QPSK_1@0	23.20	23.50	0.224	1	Pass
1.4MHz_High_QPSK_1@3	23.18	23.48	0.223	1	Pass
1.4MHz_High_QPSK_1@5	23.23	23.53	0.225	1	Pass
1.4MHz_High_QPSK_3@0	23.05	23.35	0.216	1	Pass
1.4MHz_High_QPSK_3@1	22.95	23.25	0.211	1	Pass
1.4MHz_High_QPSK_3@3	22.97	23.27	0.212	1	Pass
1.4MHz_High_QPSK_6@0	22.05	22.35	0.172	1	Pass
1.4MHz_High_16QAM_1@0	22.71	23.01	0.200	1	Pass
1.4MHz_High_16QAM_1@3	22.70	23.00	0.200	1	Pass
1.4MHz_High_16QAM_1@5	22.74	23.04	0.201	1	Pass
1.4MHz_High_16QAM_3@0	22.20	22.50	0.178	1	Pass
1.4MHz_High_16QAM_3@1	22.17	22.47	0.177	1	Pass
1.4MHz_High_16QAM_3@3	22.18	22.48	0.177	1	Pass
1.4MHz_High_16QAM_6@0	21.25	21.55	0.143	1	Pass
3MHz_Low_QPSK_1@0	23.28	23.58	0.228	1	Pass
3MHz_Low_QPSK_1@14	23.34	23.64	0.231	1	Pass
3MHz_Low_QPSK_1@8	23.25	23.55	0.226	1	Pass
3MHz_Low_QPSK_15@0	22.11	22.41	0.174	1	Pass
3MHz_Low_QPSK_8@0	22.06	22.36	0.172	1	Pass
3MHz_Low_QPSK_8@4	22.18	22.48	0.177	1	Pass
3MHz_Low_QPSK_8@7	22.18	22.48	0.177	1	Pass
3MHz_Low_16QAM_1@0	22.32	22.62	0.183	1	Pass
3MHz_Low_16QAM_1@14	22.28	22.58	0.181	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
3MHz_Low_16QAM_1@8	22.30	22.60	0.182	1	Pass
3MHz_Low_16QAM_15@0	21.16	21.46	0.140	1	Pass
3MHz_Low_16QAM_8@0	21.32	21.62	0.145	1	Pass
3MHz_Low_16QAM_8@4	21.34	21.64	0.146	1	Pass
3MHz_Low_16QAM_8@7	21.34	21.64	0.146	1	Pass
3MHz_Middle_QPSK_1@0	23.01	23.31	0.214	1	Pass
3MHz_Middle_QPSK_1@14	22.94	23.24	0.211	1	Pass
3MHz_Middle_QPSK_1@8	22.93	23.23	0.210	1	Pass
3MHz_Middle_QPSK_15@0	22.06	22.36	0.172	1	Pass
3MHz_Middle_QPSK_8@0	22.03	22.33	0.171	1	Pass
3MHz_Middle_QPSK_8@4	22.11	22.41	0.174	1	Pass
3MHz_Middle_QPSK_8@7	22.10	22.40	0.174	1	Pass
3MHz_Middle_16QAM_1@0	22.45	22.75	0.188	1	Pass
3MHz_Middle_16QAM_1@14	22.50	22.80	0.191	1	Pass
3MHz_Middle_16QAM_1@8	22.39	22.69	0.186	1	Pass
3MHz_Middle_16QAM_15@0	21.06	21.36	0.137	1	Pass
3MHz_Middle_16QAM_8@0	21.08	21.38	0.137	1	Pass
3MHz_Middle_16QAM_8@4	21.14	21.44	0.139	1	Pass
3MHz_Middle_16QAM_8@7	21.13	21.43	0.139	1	Pass
3MHz_High_QPSK_1@0	23.24	23.54	0.226	1	Pass
3MHz_High_QPSK_1@14	23.20	23.50	0.224	1	Pass
3MHz_High_QPSK_1@8	23.20	23.50	0.224	1	Pass
3MHz_High_QPSK_15@0	21.93	22.23	0.167	1	Pass
3MHz_High_QPSK_8@0	22.01	22.31	0.170	1	Pass
3MHz_High_QPSK_8@4	22.01	22.31	0.170	1	Pass
3MHz_High_QPSK_8@7	21.92	22.22	0.167	1	Pass
3MHz_High_16QAM_1@0	22.67	22.97	0.198	1	Pass
3MHz_High_16QAM_1@14	22.67	22.97	0.198	1	Pass
3MHz_High_16QAM_1@8	22.66	22.96	0.198	1	Pass
3MHz_High_16QAM_15@0	21.07	21.37	0.137	1	Pass
3MHz_High_16QAM_8@0	21.31	21.61	0.145	1	Pass
3MHz_High_16QAM_8@4	20.87	21.17	0.131	1	Pass
3MHz_High_16QAM_8@7	20.87	21.17	0.131	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_Low_QPSK_1@0	23.21	23.51	0.224	1	Pass
5MHz_Low_QPSK_1@12	23.20	23.50	0.224	1	Pass
5MHz_Low_QPSK_1@24	23.17	23.47	0.222	1	Pass
5MHz_Low_QPSK_12@0	22.12	22.42	0.175	1	Pass
5MHz_Low_QPSK_12@13	22.17	22.47	0.177	1	Pass
5MHz_Low_QPSK_12@7	22.10	22.40	0.174	1	Pass
5MHz_Low_QPSK_25@0	22.19	22.49	0.177	1	Pass
5MHz_Low_16QAM_1@0	22.45	22.75	0.188	1	Pass
5MHz_Low_16QAM_1@12	22.42	22.72	0.187	1	Pass
5MHz_Low_16QAM_1@24	22.50	22.80	0.191	1	Pass
5MHz_Low_16QAM_12@0	21.13	21.43	0.139	1	Pass
5MHz_Low_16QAM_12@13	21.11	21.41	0.138	1	Pass
5MHz_Low_16QAM_12@7	21.16	21.46	0.140	1	Pass
5MHz_Low_16QAM_25@0	21.32	21.62	0.145	1	Pass
5MHz_Middle_QPSK_1@0	22.89	23.19	0.208	1	Pass
5MHz_Middle_QPSK_1@12	22.87	23.17	0.207	1	Pass
5MHz_Middle_QPSK_1@24	22.90	23.20	0.209	1	Pass
5MHz_Middle_QPSK_12@0	22.09	22.39	0.173	1	Pass
5MHz_Middle_QPSK_12@13	22.20	22.50	0.178	1	Pass
5MHz_Middle_QPSK_12@7	22.15	22.45	0.176	1	Pass
5MHz_Middle_QPSK_25@0	22.17	22.47	0.177	1	Pass
5MHz_Middle_16QAM_1@0	21.95	22.25	0.168	1	Pass
5MHz_Middle_16QAM_1@12	21.85	22.15	0.164	1	Pass
5MHz_Middle_16QAM_1@24	21.89	22.19	0.166	1	Pass
5MHz_Middle_16QAM_12@0	21.21	21.51	0.142	1	Pass
5MHz_Middle_16QAM_12@13	21.12	21.42	0.139	1	Pass
5MHz_Middle_16QAM_12@7	21.13	21.43	0.139	1	Pass
5MHz_Middle_16QAM_25@0	21.24	21.54	0.143	1	Pass
5MHz_High_QPSK_1@0	22.88	23.18	0.208	1	Pass
5MHz_High_QPSK_1@12	22.86	23.16	0.207	1	Pass
5MHz_High_QPSK_1@24	22.88	23.18	0.208	1	Pass
5MHz_High_QPSK_12@0	22.04	22.34	0.171	1	Pass
5MHz_High_QPSK_12@13	22.05	22.35	0.172	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
5MHz_High_QPSK_12@7	22.03	22.33	0.171	1	Pass
5MHz_High_QPSK_25@0	22	22.30	0.170	1	Pass
5MHz_High_16QAM_1@0	21.61	21.91	0.155	1	Pass
5MHz_High_16QAM_1@12	21.64	21.94	0.156	1	Pass
5MHz_High_16QAM_1@24	21.67	21.97	0.157	1	Pass
5MHz_High_16QAM_12@0	21.39	21.69	0.148	1	Pass
5MHz_High_16QAM_12@13	21.01	21.31	0.135	1	Pass
5MHz_High_16QAM_12@7	21.39	21.69	0.148	1	Pass
5MHz_High_16QAM_25@0	21.57	21.87	0.154	1	Pass
10MHz_Low_QPSK_1@0	23.17	23.47	0.222	1	Pass
10MHz_Low_QPSK_1@25	23.27	23.57	0.228	1	Pass
10MHz_Low_QPSK_1@49	23.31	23.61	0.230	1	Pass
10MHz_Low_QPSK_25@0	22.19	22.49	0.177	1	Pass
10MHz_Low_QPSK_25@12	22.03	22.33	0.171	1	Pass
10MHz_Low_QPSK_25@25	22.28	22.58	0.181	1	Pass
10MHz_Low_QPSK_50@0	22.09	22.39	0.173	1	Pass
10MHz_Low_16QAM_1@0	23.03	23.33	0.215	1	Pass
10MHz_Low_16QAM_1@25	23.02	23.32	0.215	1	Pass
10MHz_Low_16QAM_1@49	23.47	23.77	0.238	1	Pass
10MHz_Low_16QAM_25@0	21.35	21.65	0.146	1	Pass
10MHz_Low_16QAM_25@12	21.72	22.02	0.159	1	Pass
10MHz_Low_16QAM_25@25	21.33	21.63	0.146	1	Pass
10MHz_Low_16QAM_50@0	21.55	21.85	0.153	1	Pass
10MHz_Middle_QPSK_1@0	23.25	23.55	0.226	1	Pass
10MHz_Middle_QPSK_1@25	23.07	23.37	0.217	1	Pass
10MHz_Middle_QPSK_1@49	23.09	23.39	0.218	1	Pass
10MHz_Middle_QPSK_25@0	22.19	22.49	0.177	1	Pass
10MHz_Middle_QPSK_25@12	22.19	22.49	0.177	1	Pass
10MHz_Middle_QPSK_25@25	22.17	22.47	0.177	1	Pass
10MHz_Middle_QPSK_50@0	22.14	22.44	0.175	1	Pass
10MHz_Middle_16QAM_1@0	22.08	22.38	0.173	1	Pass
10MHz_Middle_16QAM_1@25	22.05	22.35	0.172	1	Pass
10MHz_Middle_16QAM_1@49	22.06	22.36	0.172	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
10MHz_Middle_16QAM_25@0	21.31	21.61	0.145	1	Pass
10MHz_Middle_16QAM_25@12	21.31	21.61	0.145	1	Pass
10MHz_Middle_16QAM_25@25	21.23	21.53	0.142	1	Pass
10MHz_Middle_16QAM_50@0	21.22	21.52	0.142	1	Pass
10MHz_High_QPSK_1@0	23.24	23.54	0.226	1	Pass
10MHz_High_QPSK_1@25	23.22	23.52	0.225	1	Pass
10MHz_High_QPSK_1@49	23.26	23.56	0.227	1	Pass
10MHz_High_QPSK_25@0	22.02	22.32	0.171	1	Pass
10MHz_High_QPSK_25@12	22	22.30	0.170	1	Pass
10MHz_High_QPSK_25@25	22.13	22.43	0.175	1	Pass
10MHz_High_QPSK_50@0	22.15	22.45	0.176	1	Pass
10MHz_High_16QAM_1@0	22.77	23.07	0.203	1	Pass
10MHz_High_16QAM_1@25	22.76	23.06	0.202	1	Pass
10MHz_High_16QAM_1@49	22.78	23.08	0.203	1	Pass
10MHz_High_16QAM_25@0	21.52	21.82	0.152	1	Pass
10MHz_High_16QAM_25@12	21.16	21.46	0.140	1	Pass
10MHz_High_16QAM_25@25	21.50	21.80	0.151	1	Pass
10MHz_High_16QAM_50@0	21.06	21.36	0.137	1	Pass
15MHz_Low_QPSK_1@0	23.27	23.57	0.228	1	Pass
15MHz_Low_QPSK_1@37	23.28	23.58	0.228	1	Pass
15MHz_Low_QPSK_1@74	23.27	23.57	0.228	1	Pass
15MHz_Low_QPSK_36@0	22.03	22.33	0.171	1	Pass
15MHz_Low_QPSK_36@20	22.20	22.50	0.178	1	Pass
15MHz_Low_QPSK_36@39	22.20	22.50	0.178	1	Pass
15MHz_Low_QPSK_75@0	22.17	22.47	0.177	1	Pass
15MHz_Low_16QAM_1@0	23.02	23.32	0.215	1	Pass
15MHz_Low_16QAM_1@37	23.10	23.40	0.219	1	Pass
15MHz_Low_16QAM_1@74	23.02	23.32	0.215	1	Pass
15MHz_Low_16QAM_36@0	21.57	21.87	0.154	1	Pass
15MHz_Low_16QAM_36@20	21.19	21.49	0.141	1	Pass
15MHz_Low_16QAM_36@39	21.61	21.91	0.155	1	Pass
15MHz_Low_16QAM_75@0	21.18	21.48	0.141	1	Pass
15MHz_Middle_QPSK_1@0	23.08	23.38	0.218	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
15MHz_Middle_QPSK_1@37	23.11	23.41	0.219	1	Pass
15MHz_Middle_QPSK_1@74	23.07	23.37	0.217	1	Pass
15MHz_Middle_QPSK_36@0	22.09	22.39	0.173	1	Pass
15MHz_Middle_QPSK_36@20	22.10	22.40	0.174	1	Pass
15MHz_Middle_QPSK_36@39	22.14	22.44	0.175	1	Pass
15MHz_Middle_QPSK_75@0	22	22.30	0.170	1	Pass
15MHz_Middle_16QAM_1@0	22.78	23.08	0.203	1	Pass
15MHz_Middle_16QAM_1@37	22.72	23.02	0.200	1	Pass
15MHz_Middle_16QAM_1@74	22.75	23.05	0.202	1	Pass
15MHz_Middle_16QAM_36@0	21.54	21.84	0.153	1	Pass
15MHz_Middle_16QAM_36@20	21.13	21.43	0.139	1	Pass
15MHz_Middle_16QAM_36@39	21.13	21.43	0.139	1	Pass
15MHz_Middle_16QAM_75@0	21.10	21.40	0.138	1	Pass
15MHz_High_QPSK_1@0	23.28	23.58	0.228	1	Pass
15MHz_High_QPSK_1@37	23.26	23.56	0.227	1	Pass
15MHz_High_QPSK_1@74	23.21	23.51	0.224	1	Pass
15MHz_High_QPSK_36@0	22.11	22.41	0.174	1	Pass
15MHz_High_QPSK_36@20	22.11	22.41	0.174	1	Pass
15MHz_High_QPSK_36@39	22.06	22.36	0.172	1	Pass
15MHz_High_QPSK_75@0	22.12	22.42	0.175	1	Pass
15MHz_High_16QAM_1@0	22.75	23.05	0.202	1	Pass
15MHz_High_16QAM_1@37	22.70	23.00	0.200	1	Pass
15MHz_High_16QAM_1@74	22.70	23.00	0.200	1	Pass
15MHz_High_16QAM_36@0	21.53	21.83	0.152	1	Pass
15MHz_High_16QAM_36@20	21.55	21.85	0.153	1	Pass
15MHz_High_16QAM_36@39	21.47	21.77	0.150	1	Pass
15MHz_High_16QAM_75@0	21.44	21.74	0.149	1	Pass
20MHz_Low_QPSK_1@0	23.04	23.34	0.216	1	Pass
20MHz_Low_QPSK_1@49	23.07	23.37	0.217	1	Pass
20MHz_Low_QPSK_1@99	23.07	23.37	0.217	1	Pass
20MHz_Low_QPSK_100@0	22.40	22.70	0.186	1	Pass
20MHz_Low_QPSK_50@0	22.02	22.32	0.171	1	Pass
20MHz_Low_QPSK_50@24	22.39	22.69	0.186	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
20MHz_Low_QPSK_50@50	22.13	22.43	0.175	1	Pass
20MHz_Low_16QAM_1@0	22.25	22.55	0.180	1	Pass
20MHz_Low_16QAM_1@49	22.68	22.98	0.199	1	Pass
20MHz_Low_16QAM_1@99	22.27	22.57	0.181	1	Pass
20MHz_Low_16QAM_100@0	21.62	21.92	0.156	1	Pass
20MHz_Low_16QAM_50@0	21.61	21.91	0.155	1	Pass
20MHz_Low_16QAM_50@24	21.65	21.95	0.157	1	Pass
20MHz_Low_16QAM_50@50	21.20	21.50	0.141	1	Pass
20MHz_Middle_QPSK_1@0	22.98	23.28	0.213	1	Pass
20MHz_Middle_QPSK_1@49	22.94	23.24	0.211	1	Pass
20MHz_Middle_QPSK_1@99	22.92	23.22	0.210	1	Pass
20MHz_Middle_QPSK_100@0	22.10	22.40	0.174	1	Pass
20MHz_Middle_QPSK_50@0	22.01	22.31	0.170	1	Pass
20MHz_Middle_QPSK_50@24	22.12	22.42	0.175	1	Pass
20MHz_Middle_QPSK_50@50	22.13	22.43	0.175	1	Pass
20MHz_Middle_16QAM_1@0	22.59	22.89	0.195	1	Pass
20MHz_Middle_16QAM_1@49	22.49	22.79	0.190	1	Pass
20MHz_Middle_16QAM_1@99	22.47	22.77	0.189	1	Pass
20MHz_Middle_16QAM_100@0	21.20	21.50	0.141	1	Pass
20MHz_Middle_16QAM_50@0	21.54	21.84	0.153	1	Pass
20MHz_Middle_16QAM_50@24	21.12	21.42	0.139	1	Pass
20MHz_Middle_16QAM_50@50	21.15	21.45	0.140	1	Pass
20MHz_High_QPSK_1@0	23.20	23.50	0.224	1	Pass
20MHz_High_QPSK_1@49	23.15	23.45	0.221	1	Pass
20MHz_High_QPSK_1@99	23.20	23.50	0.224	1	Pass
20MHz_High_QPSK_100@0	22.09	22.39	0.173	1	Pass
20MHz_High_QPSK_50@0	22.07	22.37	0.173	1	Pass
20MHz_High_QPSK_50@24	22.03	22.33	0.171	1	Pass
20MHz_High_QPSK_50@50	21.98	22.28	0.169	1	Pass
20MHz_High_16QAM_1@0	22.41	22.71	0.187	1	Pass
20MHz_High_16QAM_1@49	22.39	22.69	0.186	1	Pass
20MHz_High_16QAM_1@99	22.43	22.73	0.187	1	Pass
20MHz_High_16QAM_100@0	21.48	21.78	0.151	1	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
20MHz_High_16QAM_50@0	21.49	21.79	0.151	1	Pass
20MHz_High_16QAM_50@24	21.49	21.79	0.151	1	Pass
20MHz_High_16QAM_50@50	21.14	21.44	0.139	1	Pass

Note:
EIRP = Conducted Power(dBm) - L_C(dB) + G_T(dBi)
1.Ant Gain = 0.5dBi;
2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0.2dB

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	22.39	22.59	0.182	2	Pass
2_5MHz_Low_QPSK_1@12	22.36	22.56	0.180	2	Pass
2_5MHz_Low_QPSK_1@24	22.49	22.69	0.186	2	Pass
2_5MHz_Low_QPSK_12@0	21.21	21.41	0.138	2	Pass
2_5MHz_Low_QPSK_12@13	21.34	21.54	0.143	2	Pass
2_5MHz_Low_QPSK_12@7	21.30	21.50	0.141	2	Pass
2_5MHz_Low_QPSK_25@0	21.14	21.34	0.136	2	Pass
2_5MHz_Low_16QAM_1@0	21.67	21.87	0.154	2	Pass
2_5MHz_Low_16QAM_1@12	21.60	21.80	0.151	2	Pass
2_5MHz_Low_16QAM_1@24	21.96	22.16	0.164	2	Pass
2_5MHz_Low_16QAM_12@0	19.74	19.94	0.099	2	Pass
2_5MHz_Low_16QAM_12@13	19.82	20.02	0.100	2	Pass
2_5MHz_Low_16QAM_12@7	19.84	20.04	0.101	2	Pass
2_5MHz_Low_16QAM_25@0	19.95	20.15	0.104	2	Pass
2_5MHz_Middle_QPSK_1@0	22.01	22.21	0.166	2	Pass
2_5MHz_Middle_QPSK_1@12	21.90	22.10	0.162	2	Pass
2_5MHz_Middle_QPSK_1@24	22.02	22.22	0.167	2	Pass
2_5MHz_Middle_QPSK_12@0	21.17	21.37	0.137	2	Pass
2_5MHz_Middle_QPSK_12@13	21.11	21.31	0.135	2	Pass
2_5MHz_Middle_QPSK_12@7	21.27	21.47	0.140	2	Pass
2_5MHz_Middle_QPSK_25@0	21.12	21.32	0.136	2	Pass
2_5MHz_Middle_16QAM_1@0	20.51	20.71	0.118	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_5MHz_Middle_16QAM_1@12	20.50	20.70	0.117	2	Pass
2_5MHz_Middle_16QAM_1@24	20.61	20.81	0.121	2	Pass
2_5MHz_Middle_16QAM_12@0	19.65	19.85	0.097	2	Pass
2_5MHz_Middle_16QAM_12@13	19.70	19.90	0.098	2	Pass
2_5MHz_Middle_16QAM_12@7	19.69	19.89	0.097	2	Pass
2_5MHz_Middle_16QAM_25@0	19.76	19.96	0.099	2	Pass
2_5MHz_High_QPSK_1@0	22.26	22.46	0.176	2	Pass
2_5MHz_High_QPSK_1@12	22.37	22.57	0.181	2	Pass
2_5MHz_High_QPSK_1@24	22.24	22.44	0.175	2	Pass
2_5MHz_High_QPSK_12@0	21.31	21.51	0.142	2	Pass
2_5MHz_High_QPSK_12@13	21.35	21.55	0.143	2	Pass
2_5MHz_High_QPSK_12@7	21.32	21.52	0.142	2	Pass
2_5MHz_High_QPSK_25@0	21.28	21.48	0.141	2	Pass
2_5MHz_High_16QAM_1@0	21.30	21.50	0.141	2	Pass
2_5MHz_High_16QAM_1@12	21.23	21.43	0.139	2	Pass
2_5MHz_High_16QAM_1@24	21.22	21.42	0.139	2	Pass
2_5MHz_High_16QAM_12@0	19.80	20.00	0.100	2	Pass
2_5MHz_High_16QAM_12@13	19.77	19.97	0.099	2	Pass
2_5MHz_High_16QAM_12@7	19.88	20.08	0.102	2	Pass
2_5MHz_High_16QAM_25@0	19.77	19.97	0.099	2	Pass
2_10MHz_Low_QPSK_1@0	22.14	22.34	0.171	2	Pass
2_10MHz_Low_QPSK_1@25	22.18	22.38	0.173	2	Pass
2_10MHz_Low_QPSK_1@49	22.26	22.46	0.176	2	Pass
2_10MHz_Low_QPSK_25@0	21.12	21.32	0.136	2	Pass
2_10MHz_Low_QPSK_25@12	21.25	21.45	0.140	2	Pass
2_10MHz_Low_QPSK_25@25	21.16	21.36	0.137	2	Pass
2_10MHz_Low_QPSK_50@0	21.27	21.47	0.140	2	Pass
2_10MHz_Low_16QAM_1@0	22.18	22.38	0.173	2	Pass
2_10MHz_Low_16QAM_1@25	22.15	22.35	0.172	2	Pass
2_10MHz_Low_16QAM_1@49	22.27	22.47	0.177	2	Pass
2_10MHz_Low_16QAM_25@0	19.75	19.95	0.099	2	Pass
2_10MHz_Low_16QAM_25@12	19.68	19.88	0.097	2	Pass
2_10MHz_Low_16QAM_25@25	19.73	19.93	0.098	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_10MHz_Low_16QAM_50@0	19.84	20.04	0.101	2	Pass
2_10MHz_Middle_QPSK_1@0	22.18	22.38	0.173	2	Pass
2_10MHz_Middle_QPSK_1@25	22.13	22.33	0.171	2	Pass
2_10MHz_Middle_QPSK_1@49	22.23	22.43	0.175	2	Pass
2_10MHz_Middle_QPSK_25@0	21.24	21.44	0.139	2	Pass
2_10MHz_Middle_QPSK_25@12	21.27	21.47	0.140	2	Pass
2_10MHz_Middle_QPSK_25@25	21.37	21.57	0.144	2	Pass
2_10MHz_Middle_QPSK_50@0	21.29	21.49	0.141	2	Pass
2_10MHz_Middle_16QAM_1@0	21.47	21.67	0.147	2	Pass
2_10MHz_Middle_16QAM_1@25	21.43	21.63	0.146	2	Pass
2_10MHz_Middle_16QAM_1@49	21.54	21.74	0.149	2	Pass
2_10MHz_Middle_16QAM_25@0	19.60	19.80	0.095	2	Pass
2_10MHz_Middle_16QAM_25@12	19.67	19.87	0.097	2	Pass
2_10MHz_Middle_16QAM_25@25	19.80	20.00	0.100	2	Pass
2_10MHz_Middle_16QAM_50@0	19.84	20.04	0.101	2	Pass
2_10MHz_High_QPSK_1@0	22.46	22.66	0.185	2	Pass
2_10MHz_High_QPSK_1@25	22.38	22.58	0.181	2	Pass
2_10MHz_High_QPSK_1@49	22.53	22.73	0.187	2	Pass
2_10MHz_High_QPSK_25@0	21.28	21.48	0.141	2	Pass
2_10MHz_High_QPSK_25@12	21.41	21.61	0.145	2	Pass
2_10MHz_High_QPSK_25@25	21.41	21.61	0.145	2	Pass
2_10MHz_High_QPSK_50@0	21.35	21.55	0.143	2	Pass
2_10MHz_High_16QAM_1@0	21.35	21.55	0.143	2	Pass
2_10MHz_High_16QAM_1@25	21.30	21.50	0.141	2	Pass
2_10MHz_High_16QAM_1@49	21.22	21.42	0.139	2	Pass
2_10MHz_High_16QAM_25@0	19.98	20.18	0.104	2	Pass
2_10MHz_High_16QAM_25@12	19.96	20.16	0.104	2	Pass
2_10MHz_High_16QAM_25@25	19.95	20.15	0.104	2	Pass
2_10MHz_High_16QAM_50@0	20.05	20.25	0.106	2	Pass
2_15MHz_Low_QPSK_1@0	22.27	22.47	0.177	2	Pass
2_15MHz_Low_QPSK_1@37	22.28	22.48	0.177	2	Pass
2_15MHz_Low_QPSK_1@74	22.31	22.51	0.178	2	Pass
2_15MHz_Low_QPSK_36@0	21.24	21.44	0.139	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_15MHz_Low_QPSK_36@20	21.21	21.41	0.138	2	Pass
2_15MHz_Low_QPSK_36@39	21.15	21.35	0.136	2	Pass
2_15MHz_Low_QPSK_75@0	21.10	21.30	0.135	2	Pass
2_15MHz_Low_16QAM_1@0	21.47	21.67	0.147	2	Pass
2_15MHz_Low_16QAM_1@37	21.44	21.64	0.146	2	Pass
2_15MHz_Low_16QAM_1@74	21.47	21.67	0.147	2	Pass
2_15MHz_Low_16QAM_36@0	19.67	19.87	0.097	2	Pass
2_15MHz_Low_16QAM_36@20	19.58	19.78	0.095	2	Pass
2_15MHz_Low_16QAM_36@39	19.61	19.81	0.096	2	Pass
2_15MHz_Low_16QAM_75@0	19.76	19.96	0.099	2	Pass
2_15MHz_Middle_QPSK_1@0	22.18	22.38	0.173	2	Pass
2_15MHz_Middle_QPSK_1@37	22.09	22.29	0.169	2	Pass
2_15MHz_Middle_QPSK_1@74	22.25	22.45	0.176	2	Pass
2_15MHz_Middle_QPSK_36@0	21.36	21.56	0.143	2	Pass
2_15MHz_Middle_QPSK_36@20	21.23	21.43	0.139	2	Pass
2_15MHz_Middle_QPSK_36@39	21.34	21.54	0.143	2	Pass
2_15MHz_Middle_QPSK_75@0	21.26	21.46	0.140	2	Pass
2_15MHz_Middle_16QAM_1@0	21.50	21.70	0.148	2	Pass
2_15MHz_Middle_16QAM_1@37	21.26	21.46	0.140	2	Pass
2_15MHz_Middle_16QAM_1@74	21.43	21.63	0.146	2	Pass
2_15MHz_Middle_16QAM_36@0	19.85	20.05	0.101	2	Pass
2_15MHz_Middle_16QAM_36@20	19.77	19.97	0.099	2	Pass
2_15MHz_Middle_16QAM_36@39	19.89	20.09	0.102	2	Pass
2_15MHz_Middle_16QAM_75@0	19.75	19.95	0.099	2	Pass
2_15MHz_High_QPSK_1@0	22.61	22.81	0.191	2	Pass
2_15MHz_High_QPSK_1@37	22.45	22.65	0.184	2	Pass
2_15MHz_High_QPSK_1@74	22.46	22.66	0.185	2	Pass
2_15MHz_High_QPSK_36@0	21.34	21.54	0.143	2	Pass
2_15MHz_High_QPSK_36@20	21.27	21.47	0.140	2	Pass
2_15MHz_High_QPSK_36@39	21.33	21.53	0.142	2	Pass
2_15MHz_High_QPSK_75@0	21.23	21.43	0.139	2	Pass
2_15MHz_High_16QAM_1@0	21.51	21.71	0.148	2	Pass
2_15MHz_High_16QAM_1@37	21.47	21.67	0.147	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_15MHz_High_16QAM_1@74	21.46	21.66	0.147	2	Pass
2_15MHz_High_16QAM_36@0	19.70	19.90	0.098	2	Pass
2_15MHz_High_16QAM_36@20	19.62	19.82	0.096	2	Pass
2_15MHz_High_16QAM_36@39	19.74	19.94	0.099	2	Pass
2_15MHz_High_16QAM_75@0	19.95	20.15	0.104	2	Pass
2_20MHz_Low_QPSK_1@0	22.34	22.54	0.179	2	Pass
2_20MHz_Low_QPSK_1@49	22.39	22.59	0.182	2	Pass
2_20MHz_Low_QPSK_1@99	22.39	22.59	0.182	2	Pass
2_20MHz_Low_QPSK_100@0	21.28	21.48	0.141	2	Pass
2_20MHz_Low_QPSK_50@0	21.16	21.36	0.137	2	Pass
2_20MHz_Low_QPSK_50@24	21.31	21.51	0.142	2	Pass
2_20MHz_Low_QPSK_50@50	21.20	21.40	0.138	2	Pass
2_20MHz_Low_16QAM_1@0	20.70	20.90	0.123	2	Pass
2_20MHz_Low_16QAM_1@49	20.75	20.95	0.124	2	Pass
2_20MHz_Low_16QAM_1@99	20.84	21.04	0.127	2	Pass
2_20MHz_Low_16QAM_100@0	19.81	20.01	0.100	2	Pass
2_20MHz_Low_16QAM_50@0	19.69	19.89	0.097	2	Pass
2_20MHz_Low_16QAM_50@24	19.68	19.88	0.097	2	Pass
2_20MHz_Low_16QAM_50@50	19.69	19.89	0.097	2	Pass
2_20MHz_Middle_QPSK_1@0	22.44	22.64	0.184	2	Pass
2_20MHz_Middle_QPSK_1@49	22.35	22.55	0.180	2	Pass
2_20MHz_Middle_QPSK_1@99	22.48	22.68	0.185	2	Pass
2_20MHz_Middle_QPSK_100@0	21.19	21.39	0.138	2	Pass
2_20MHz_Middle_QPSK_50@0	21.27	21.47	0.140	2	Pass
2_20MHz_Middle_QPSK_50@24	21.25	21.45	0.140	2	Pass
2_20MHz_Middle_QPSK_50@50	21.39	21.59	0.144	2	Pass
2_20MHz_Middle_16QAM_1@0	20.17	20.37	0.109	2	Pass
2_20MHz_Middle_16QAM_1@49	20.29	20.49	0.112	2	Pass
2_20MHz_Middle_16QAM_1@99	21.04	21.24	0.133	2	Pass
2_20MHz_Middle_16QAM_100@0	20.06	20.26	0.106	2	Pass
2_20MHz_Middle_16QAM_50@0	19.91	20.11	0.103	2	Pass
2_20MHz_Middle_16QAM_50@24	19.90	20.10	0.102	2	Pass
2_20MHz_Middle_16QAM_50@50	19.94	20.14	0.103	2	Pass

Mode	Average Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Result
2_20MHz_High_QPSK_1@0	22.54	22.74	0.188	2	Pass
2_20MHz_High_QPSK_1@49	22.40	22.60	0.182	2	Pass
2_20MHz_High_QPSK_1@99	22.49	22.69	0.186	2	Pass
2_20MHz_High_QPSK_100@0	21.28	21.48	0.141	2	Pass
2_20MHz_High_QPSK_50@0	21.35	21.55	0.143	2	Pass
2_20MHz_High_QPSK_50@24	21.33	21.53	0.142	2	Pass
2_20MHz_High_QPSK_50@50	21.24	21.44	0.139	2	Pass
2_20MHz_High_16QAM_1@0	21.27	21.47	0.140	2	Pass
2_20MHz_High_16QAM_1@49	21.01	21.21	0.132	2	Pass
2_20MHz_High_16QAM_1@99	21.34	21.54	0.143	2	Pass
2_20MHz_High_16QAM_100@0	19.81	20.01	0.100	2	Pass
2_20MHz_High_16QAM_50@0	19.88	20.08	0.102	2	Pass
2_20MHz_High_16QAM_50@24	19.90	20.10	0.102	2	Pass
2_20MHz_High_16QAM_50@50	19.94	20.14	0.103	2	Pass

Note:

$EIRP = \text{Conducted Power(dBm)} - L_C(\text{dB}) + G_T(\text{dBi})$

1.Ant Gain = 0.6dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0.4dB

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	22.68	17.93	0.062	3	Pass
5MHz_Low_QPSK_1@12	22.66	17.91	0.062	3	Pass
5MHz_Low_QPSK_1@24	22.72	17.97	0.063	3	Pass
5MHz_Low_QPSK_12@0	21.76	17.01	0.050	3	Pass
5MHz_Low_QPSK_12@13	21.76	17.01	0.050	3	Pass
5MHz_Low_QPSK_12@7	21.81	17.06	0.051	3	Pass
5MHz_Low_QPSK_25@0	21.80	17.05	0.051	3	Pass
5MHz_Low_16QAM_1@0	21.57	16.82	0.048	3	Pass
5MHz_Low_16QAM_1@12	21.56	16.81	0.048	3	Pass
5MHz_Low_16QAM_1@24	21.55	16.80	0.048	3	Pass
5MHz_Low_16QAM_12@0	21.13	16.38	0.043	3	Pass
5MHz_Low_16QAM_12@13	20.61	15.86	0.039	3	Pass
5MHz_Low_16QAM_12@7	20.60	15.85	0.038	3	Pass
5MHz_Low_16QAM_25@0	20.79	16.04	0.040	3	Pass
5MHz_Middle_QPSK_1@0	22.62	17.87	0.061	3	Pass
5MHz_Middle_QPSK_1@12	22.60	17.85	0.061	3	Pass
5MHz_Middle_QPSK_1@24	22.70	17.95	0.062	3	Pass
5MHz_Middle_QPSK_12@0	21.82	17.07	0.051	3	Pass
5MHz_Middle_QPSK_12@13	21.80	17.05	0.051	3	Pass
5MHz_Middle_QPSK_12@7	21.77	17.02	0.050	3	Pass
5MHz_Middle_QPSK_25@0	21.74	16.99	0.050	3	Pass
5MHz_Middle_16QAM_1@0	21.43	16.68	0.047	3	Pass
5MHz_Middle_16QAM_1@12	21.53	16.78	0.048	3	Pass
5MHz_Middle_16QAM_1@24	21.40	16.65	0.046	3	Pass
5MHz_Middle_16QAM_12@0	20.96	16.21	0.042	3	Pass
5MHz_Middle_16QAM_12@13	20.72	15.97	0.040	3	Pass
5MHz_Middle_16QAM_12@7	20.94	16.19	0.042	3	Pass
5MHz_Middle_16QAM_25@0	20.95	16.20	0.042	3	Pass
5MHz_High_QPSK_1@0	22.87	18.12	0.065	3	Pass
5MHz_High_QPSK_1@12	22.72	17.97	0.063	3	Pass
5MHz_High_QPSK_1@24	22.71	17.96	0.063	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
5MHz_High_QPSK_12@0	21.79	17.04	0.051	3	Pass
5MHz_High_QPSK_12@13	21.73	16.98	0.050	3	Pass
5MHz_High_QPSK_12@7	21.81	17.06	0.051	3	Pass
5MHz_High_QPSK_25@0	21.81	17.06	0.051	3	Pass
5MHz_High_16QAM_1@0	21.50	16.75	0.047	3	Pass
5MHz_High_16QAM_1@12	21.52	16.77	0.048	3	Pass
5MHz_High_16QAM_1@24	21.52	16.77	0.048	3	Pass
5MHz_High_16QAM_12@0	20.82	16.07	0.040	3	Pass
5MHz_High_16QAM_12@13	20.83	16.08	0.041	3	Pass
5MHz_High_16QAM_12@7	20.76	16.01	0.040	3	Pass
5MHz_High_16QAM_25@0	20.76	16.01	0.040	3	Pass
10MHz_Low_QPSK_1@0	22.84	18.09	0.064	3	Pass
10MHz_Low_QPSK_1@25	23.01	18.26	0.067	3	Pass
10MHz_Low_QPSK_1@49	23.12	18.37	0.069	3	Pass
10MHz_Low_QPSK_25@0	21.92	17.17	0.052	3	Pass
10MHz_Low_QPSK_25@12	21.74	16.99	0.050	3	Pass
10MHz_Low_QPSK_25@25	21.68	16.93	0.049	3	Pass
10MHz_Low_QPSK_50@0	21.76	17.01	0.050	3	Pass
10MHz_Low_16QAM_1@0	22.04	17.29	0.054	3	Pass
10MHz_Low_16QAM_1@25	22	17.25	0.053	3	Pass
10MHz_Low_16QAM_1@49	22.07	17.32	0.054	3	Pass
10MHz_Low_16QAM_25@0	20.78	16.03	0.040	3	Pass
10MHz_Low_16QAM_25@12	21.12	16.37	0.043	3	Pass
10MHz_Low_16QAM_25@25	20.95	16.20	0.042	3	Pass
10MHz_Low_16QAM_50@0	21.15	16.40	0.044	3	Pass
10MHz_Middle_QPSK_1@0	22.67	17.92	0.062	3	Pass
10MHz_Middle_QPSK_1@25	22.72	17.97	0.063	3	Pass
10MHz_Middle_QPSK_1@49	22.70	17.95	0.062	3	Pass
10MHz_Middle_QPSK_25@0	21.87	17.12	0.052	3	Pass
10MHz_Middle_QPSK_25@12	21.81	17.06	0.051	3	Pass
10MHz_Middle_QPSK_25@25	21.74	16.99	0.050	3	Pass
10MHz_Middle_QPSK_50@0	21.74	16.99	0.050	3	Pass
10MHz_Middle_16QAM_1@0	22.14	17.39	0.055	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
10MHz_Middle_16QAM_1@25	22.01	17.26	0.053	3	Pass
10MHz_Middle_16QAM_1@49	22.18	17.43	0.055	3	Pass
10MHz_Middle_16QAM_25@0	20.71	15.96	0.039	3	Pass
10MHz_Middle_16QAM_25@12	21.04	16.29	0.043	3	Pass
10MHz_Middle_16QAM_25@25	20.79	16.04	0.040	3	Pass
10MHz_Middle_16QAM_50@0	21.09	16.34	0.043	3	Pass
10MHz_High_QPSK_1@0	22.73	17.98	0.063	3	Pass
10MHz_High_QPSK_1@25	22.94	18.19	0.066	3	Pass
10MHz_High_QPSK_1@49	23.10	18.35	0.068	3	Pass
10MHz_High_QPSK_25@0	21.68	16.93	0.049	3	Pass
10MHz_High_QPSK_25@12	21.73	16.98	0.050	3	Pass
10MHz_High_QPSK_25@25	21.74	16.99	0.050	3	Pass
10MHz_High_QPSK_50@0	21.76	17.01	0.050	3	Pass
10MHz_High_16QAM_1@0	22.04	17.29	0.054	3	Pass
10MHz_High_16QAM_1@25	21.98	17.23	0.053	3	Pass
10MHz_High_16QAM_1@49	22.07	17.32	0.054	3	Pass
10MHz_High_16QAM_25@0	20.67	15.92	0.039	3	Pass
10MHz_High_16QAM_25@12	20.79	16.04	0.040	3	Pass
10MHz_High_16QAM_25@25	20.78	16.03	0.040	3	Pass
10MHz_High_16QAM_50@0	20.88	16.13	0.041	3	Pass
15MHz_Low_QPSK_1@0	22.83	18.08	0.064	3	Pass
15MHz_Low_QPSK_1@37	22.99	18.24	0.067	3	Pass
15MHz_Low_QPSK_1@74	22.84	18.09	0.064	3	Pass
15MHz_Low_QPSK_36@0	21.88	17.13	0.052	3	Pass
15MHz_Low_QPSK_36@20	21.80	17.05	0.051	3	Pass
15MHz_Low_QPSK_36@39	21.88	17.13	0.052	3	Pass
15MHz_Low_QPSK_75@0	21.73	16.98	0.050	3	Pass
15MHz_Low_16QAM_1@0	22.38	17.63	0.058	3	Pass
15MHz_Low_16QAM_1@37	22.34	17.59	0.057	3	Pass
15MHz_Low_16QAM_1@74	22.30	17.55	0.057	3	Pass
15MHz_Low_16QAM_36@0	21.22	16.47	0.044	3	Pass
15MHz_Low_16QAM_36@20	20.89	16.14	0.041	3	Pass
15MHz_Low_16QAM_36@39	20.73	15.98	0.040	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
15MHz_Low_16QAM_75@0	20.88	16.13	0.041	3	Pass
15MHz_Middle_QPSK_1@0	22.98	18.23	0.067	3	Pass
15MHz_Middle_QPSK_1@37	22.82	18.07	0.064	3	Pass
15MHz_Middle_QPSK_1@74	23.01	18.26	0.067	3	Pass
15MHz_Middle_QPSK_36@0	21.66	16.91	0.049	3	Pass
15MHz_Middle_QPSK_36@20	21.92	17.17	0.052	3	Pass
15MHz_Middle_QPSK_36@39	21.76	17.01	0.050	3	Pass
15MHz_Middle_QPSK_75@0	21.83	17.08	0.051	3	Pass
15MHz_Middle_16QAM_1@0	22.07	17.32	0.054	3	Pass
15MHz_Middle_16QAM_1@37	21.96	17.21	0.053	3	Pass
15MHz_Middle_16QAM_1@74	22.03	17.28	0.053	3	Pass
15MHz_Middle_16QAM_36@0	20.76	16.01	0.040	3	Pass
15MHz_Middle_16QAM_36@20	21.03	16.28	0.042	3	Pass
15MHz_Middle_16QAM_36@39	20.84	16.09	0.041	3	Pass
15MHz_Middle_16QAM_75@0	20.97	16.22	0.042	3	Pass
15MHz_High_QPSK_1@0	22.76	18.01	0.063	3	Pass
15MHz_High_QPSK_1@37	23.09	18.34	0.068	3	Pass
15MHz_High_QPSK_1@74	23.10	18.35	0.068	3	Pass
15MHz_High_QPSK_36@0	21.79	17.04	0.051	3	Pass
15MHz_High_QPSK_36@20	21.90	17.15	0.052	3	Pass
15MHz_High_QPSK_36@39	21.78	17.03	0.050	3	Pass
15MHz_High_QPSK_75@0	21.91	17.16	0.052	3	Pass
15MHz_High_16QAM_1@0	22.04	17.29	0.054	3	Pass
15MHz_High_16QAM_1@37	21.96	17.21	0.053	3	Pass
15MHz_High_16QAM_1@74	22.09	17.34	0.054	3	Pass
15MHz_High_16QAM_36@0	20.98	16.23	0.042	3	Pass
15MHz_High_16QAM_36@20	20.67	15.92	0.039	3	Pass
15MHz_High_16QAM_36@39	20.84	16.09	0.041	3	Pass
15MHz_High_16QAM_75@0	20.73	15.98	0.040	3	Pass
20MHz_Low_QPSK_1@0	23.15	18.40	0.069	3	Pass
20MHz_Low_QPSK_1@49	22.83	18.08	0.064	3	Pass
20MHz_Low_QPSK_1@99	22.83	18.08	0.064	3	Pass
20MHz_Low_QPSK_100@0	21.93	17.18	0.052	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
20MHz_Low_QPSK_50@0	21.88	17.13	0.052	3	Pass
20MHz_Low_QPSK_50@24	21.80	17.05	0.051	3	Pass
20MHz_Low_QPSK_50@50	21.77	17.02	0.050	3	Pass
20MHz_Low_16QAM_1@0	21.73	16.98	0.050	3	Pass
20MHz_Low_16QAM_1@49	21.71	16.96	0.050	3	Pass
20MHz_Low_16QAM_1@99	21.66	16.91	0.049	3	Pass
20MHz_Low_16QAM_100@0	20.73	15.98	0.040	3	Pass
20MHz_Low_16QAM_50@0	21.14	16.39	0.044	3	Pass
20MHz_Low_16QAM_50@24	20.82	16.07	0.040	3	Pass
20MHz_Low_16QAM_50@50	20.65	15.90	0.039	3	Pass
20MHz_Middle_QPSK_1@0	23.27	18.52	0.071	3	Pass
20MHz_Middle_QPSK_1@49	22.74	17.99	0.063	3	Pass
20MHz_Middle_QPSK_1@99	22.79	18.04	0.064	3	Pass
20MHz_Middle_QPSK_100@0	21.67	16.92	0.049	3	Pass
20MHz_Middle_QPSK_50@0	21.83	17.08	0.051	3	Pass
20MHz_Middle_QPSK_50@24	21.90	17.15	0.052	3	Pass
20MHz_Middle_QPSK_50@50	21.81	17.06	0.051	3	Pass
20MHz_Middle_16QAM_1@0	22.08	17.33	0.054	3	Pass
20MHz_Middle_16QAM_1@49	21.95	17.20	0.052	3	Pass
20MHz_Middle_16QAM_1@99	21.98	17.23	0.053	3	Pass
20MHz_Middle_16QAM_100@0	21.02	16.27	0.042	3	Pass
20MHz_Middle_16QAM_50@0	20.74	15.99	0.040	3	Pass
20MHz_Middle_16QAM_50@24	20.90	16.15	0.041	3	Pass
20MHz_Middle_16QAM_50@50	20.79	16.04	0.040	3	Pass
20MHz_High_QPSK_1@0	23.06	18.31	0.068	3	Pass
20MHz_High_QPSK_1@49	22.77	18.02	0.063	3	Pass
20MHz_High_QPSK_1@99	22.79	18.04	0.064	3	Pass
20MHz_High_QPSK_100@0	21.83	17.08	0.051	3	Pass
20MHz_High_QPSK_50@0	21.89	17.14	0.052	3	Pass
20MHz_High_QPSK_50@24	21.85	17.10	0.051	3	Pass
20MHz_High_QPSK_50@50	21.67	16.92	0.049	3	Pass
20MHz_High_16QAM_1@0	21.69	16.94	0.049	3	Pass
20MHz_High_16QAM_1@49	21.82	17.07	0.051	3	Pass

Mode	Average Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Result
20MHz_High_16QAM_1@99	21.87	17.12	0.052	3	Pass
20MHz_High_16QAM_100@0	20.92	16.17	0.041	3	Pass
20MHz_High_16QAM_50@0	20.64	15.89	0.039	3	Pass
20MHz_High_16QAM_50@24	20.82	16.07	0.040	3	Pass
20MHz_High_16QAM_50@50	20.72	15.97	0.040	3	Pass

Note:

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

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -2.5dBi;

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	5.59	13
10MHz_Low_QPSK_50@0	5.54	13
10MHz_Low_16QAM_1@0	5.48	13
10MHz_Low_16QAM_50@0	6.49	13
10MHz_Middle_QPSK_1@0	4.96	13
10MHz_Middle_QPSK_50@0	5.19	13
10MHz_Middle_16QAM_1@0	5.77	13
10MHz_Middle_16QAM_50@0	6	13
10MHz_High_QPSK_1@0	4.41	13
10MHz_High_QPSK_50@0	5.42	13
10MHz_High_16QAM_1@0	4.90	13
10MHz_High_16QAM_50@0	6.29	13

FCC Part 24E & IC RSS 133

B2 , Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.93	13
10MHz_Low_QPSK_50@0	5.30	13
10MHz_Low_16QAM_1@0	5.36	13
10MHz_Low_16QAM_50@0	6.23	13
10MHz_Middle_QPSK_1@0	4.96	13
10MHz_Middle_QPSK_50@0	5.22	13
10MHz_Middle_16QAM_1@0	5.28	13
10MHz_Middle_16QAM_50@0	6.12	13
10MHz_High_QPSK_1@0	4.64	13
10MHz_High_QPSK_50@0	5.22	13
10MHz_High_16QAM_1@0	5.07	13
10MHz_High_16QAM_50@0	6.12	13

FCC Part 27 & IC RSS 139

B4 , Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.19	13
10MHz_Low_QPSK_50@0	5.45	13
10MHz_Low_16QAM_1@0	6.14	13
10MHz_Low_16QAM_50@0	6.43	13
10MHz_Middle_QPSK_1@0	5.16	13
10MHz_Middle_QPSK_50@0	5.36	13
10MHz_Middle_16QAM_1@0	5.97	13
10MHz_Middle_16QAM_50@0	6.23	13
10MHz_High_QPSK_1@0	4.58	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 199

B7 , Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.35	13
10MHz_Low_QPSK_50@0	4.99	13
10MHz_Low_16QAM_1@0	4.90	13
10MHz_Low_16QAM_50@0	5.94	13
10MHz_Middle_QPSK_1@0	4.90	13
10MHz_Middle_QPSK_50@0	5.33	13
10MHz_Middle_16QAM_1@0	5.39	13
10MHz_Middle_16QAM_50@0	6.17	13
10MHz_High_QPSK_1@0	4.43	13
10MHz_High_QPSK_50@0	4.93	13
10MHz_High_16QAM_1@0	4.49	13
10MHz_High_16QAM_50@0	5.94	13

FCC Part 27 & IC RSS 130

B12 , Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.41	13
10MHz_Low_QPSK_50@0	5.42	13
10MHz_Low_16QAM_1@0	5.16	13
10MHz_Low_16QAM_50@0	6.43	13
10MHz_Middle_QPSK_1@0	4.72	13
10MHz_Middle_QPSK_50@0	5.48	13
10MHz_Middle_16QAM_1@0	5.45	13
10MHz_Middle_16QAM_50@0	6.32	13
10MHz_High_QPSK_1@0	5.13	13
10MHz_High_QPSK_50@0	5.36	13
10MHz_High_16QAM_1@0	5.68	13
10MHz_High_16QAM_50@0	6.29	13

FCC Part 27 & IC RSS 130

B17 , Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.33	13
10MHz_Low_QPSK_50@0	5.51	13
10MHz_Low_16QAM_1@0	5.83	13
10MHz_Low_16QAM_50@0	6.35	13
10MHz_Middle_QPSK_1@0	5.07	13
10MHz_Middle_QPSK_50@0	5.45	13
10MHz_Middle_16QAM_1@0	5.97	13
10MHz_Middle_16QAM_50@0	6.43	13
10MHz_High_QPSK_1@0	5.68	13
10MHz_High_QPSK_50@0	5.36	13
10MHz_High_16QAM_1@0	5.94	13
10MHz_High_16QAM_50@0	6.29	13

FCC Part 27 & IC RSS 139

B66 , Normal

Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.36	13
10MHz_Low_QPSK_50@0	5.57	13
10MHz_Low_16QAM_1@0	5.88	13
10MHz_Low_16QAM_50@0	6.38	13
10MHz_Middle_QPSK_1@0	4.20	13
10MHz_Middle_QPSK_50@0	5.28	13
10MHz_Middle_16QAM_1@0	5.42	13
10MHz_Middle_16QAM_50@0	6.23	13
10MHz_High_QPSK_1@0	4.58	13
10MHz_High_QPSK_50@0	5.16	13
10MHz_High_16QAM_1@0	4.99	13
10MHz_High_16QAM_50@0	6.17	13

FCC Part 27 & IC RSS 199

B41_2 , Normal

Mode	Value (dB)	Limit (dB)
2_10MHz_Low_QPSK_1@0	4.90	13
2_10MHz_Low_QPSK_50@0	5.19	13
2_10MHz_Low_16QAM_1@0	11.74	13
2_10MHz_Low_16QAM_50@0	6.41	13
2_10MHz_Middle_QPSK_1@0	4.70	13
2_10MHz_Middle_QPSK_50@0	5.33	13
2_10MHz_Middle_16QAM_1@0	5.59	13
2_10MHz_Middle_16QAM_50@0	6.29	13
2_10MHz_High_QPSK_1@0	3.28	13
2_10MHz_High_QPSK_50@0	4.41	13
2_10MHz_High_16QAM_1@0	4.72	13
2_10MHz_High_16QAM_50@0	5.68	13

FCC Part 27 & IC RSS 130

B71 , Normal

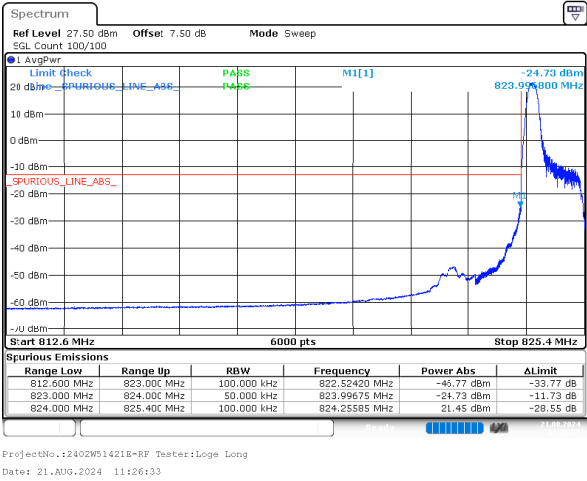
Mode	Value (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.59	13
10MHz_Low_QPSK_50@0	5.54	13
10MHz_Low_16QAM_1@0	6.32	13
10MHz_Low_16QAM_50@0	6.43	13
10MHz_Middle_QPSK_1@0	5.80	13
10MHz_Middle_QPSK_50@0	5.51	13
10MHz_Middle_16QAM_1@0	5.97	13
10MHz_Middle_16QAM_50@0	6.38	13
10MHz_High_QPSK_1@0	5.91	13
10MHz_High_QPSK_50@0	5.48	13
10MHz_High_16QAM_1@0	6.84	13
10MHz_High_16QAM_50@0	6.43	13

Out of band emission,Band Edge

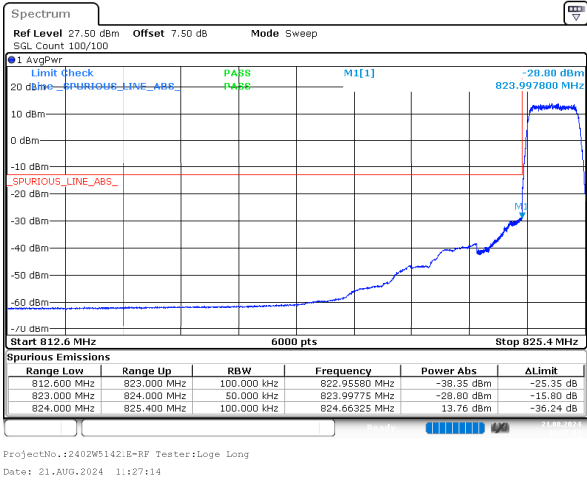
FCC Part 22H & IC RSS 132

B5 , Normal

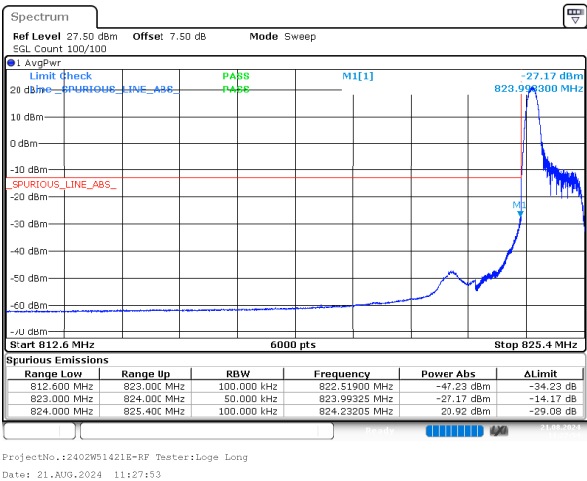
1.4MHz_Low_QPSK_1@0



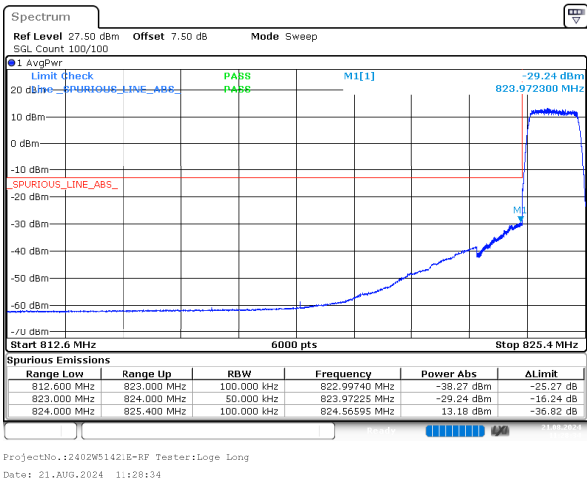
1.4MHz_Low_QPSK_6@0



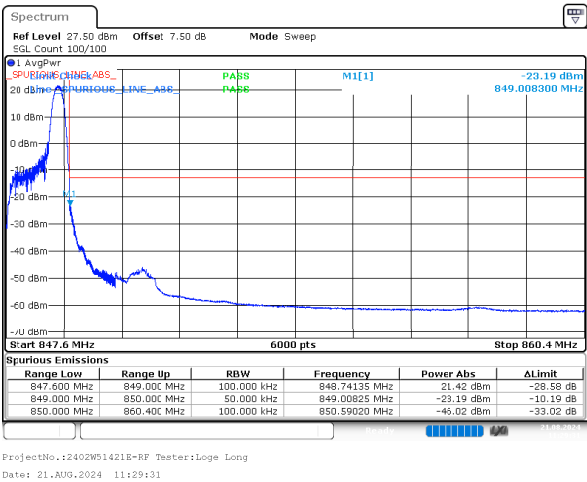
1.4MHz_Low_16QAM_1@0



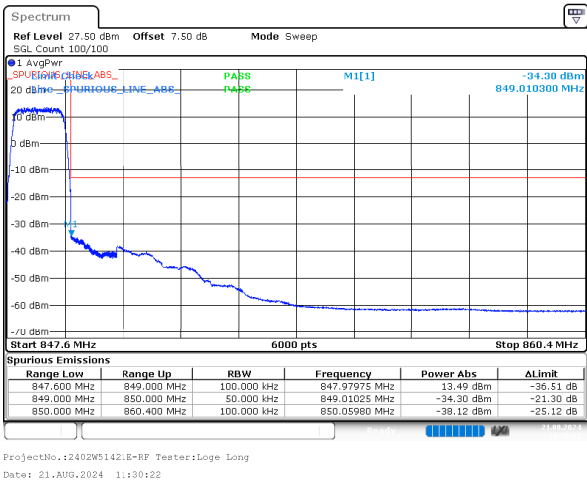
1.4MHz_Low_16QAM_6@0



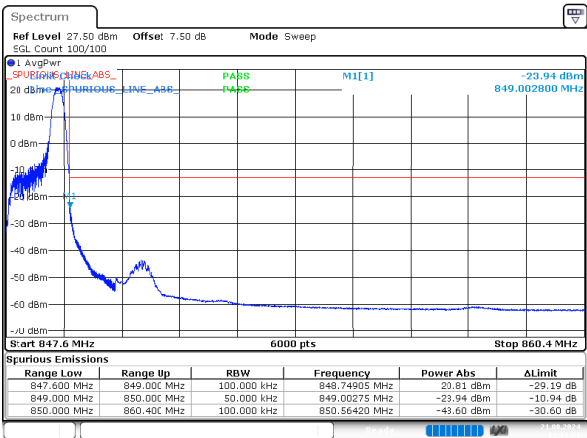
1.4MHz_High_QPSK_1@5



1.4MHz_High_QPSK_6@0

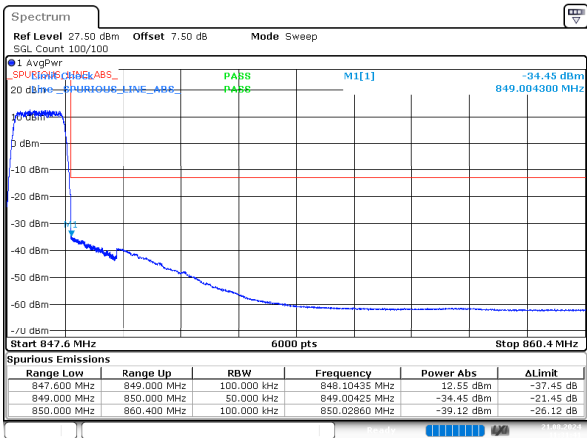


1.4MHz_High_16QAM_1@5



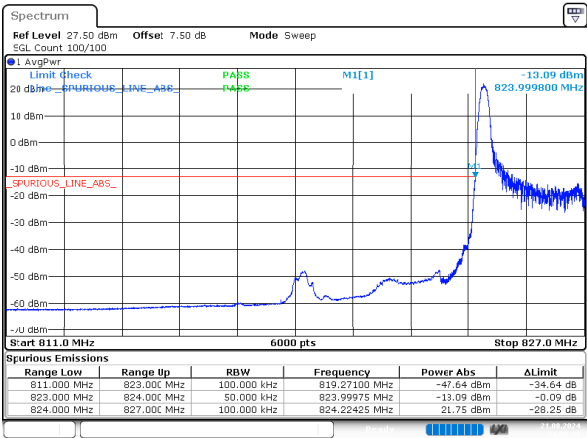
ProjectNo.:2402W51421E-RF Tester:Loge Long
 Date: 21.AUG.2024 11:31:01

1.4MHz_High_16QAM_6@0



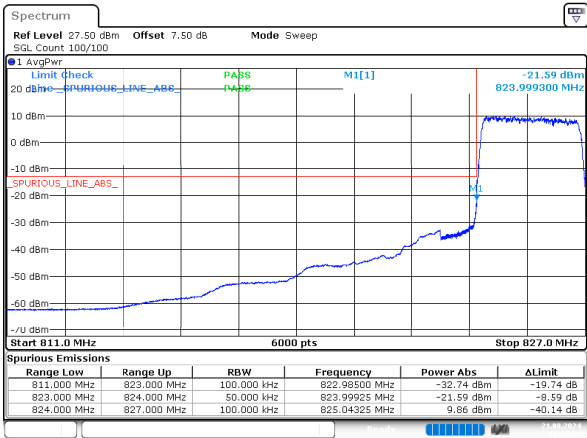
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 Date: 21.AUG.2024 11:31:41

3MHz_Low_QPSK_1@0



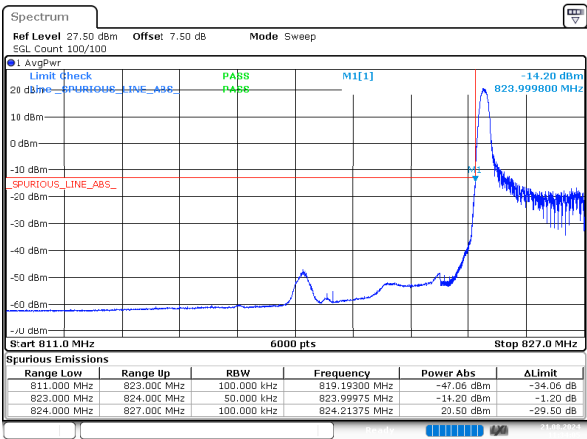
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 Date: 21.AUG.2024 11:32:39

3MHz_Low_QPSK_15@0



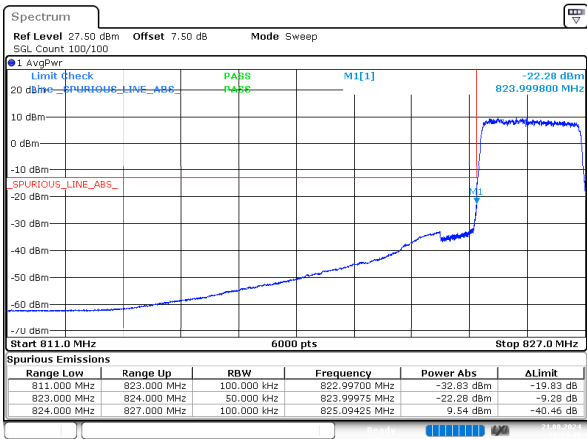
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 Date: 21.AUG.2024 11:33:22

3MHz_Low_16QAM_1@0



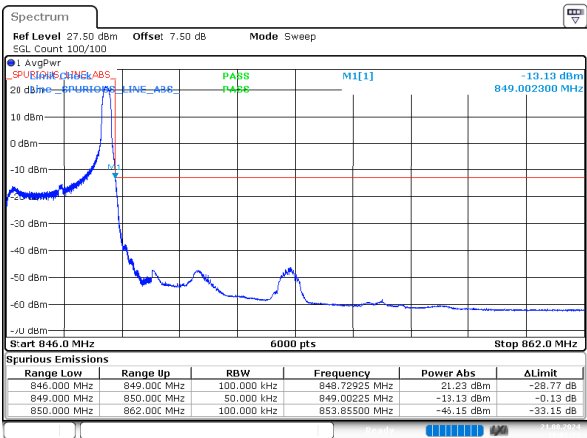
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3MHz_Low_16QAM_15@0



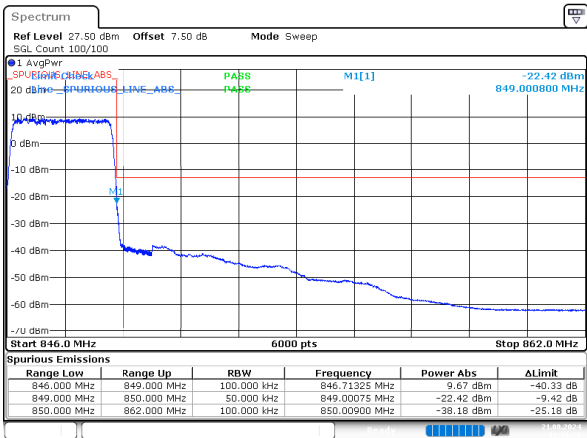
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 Date: 21.AUG.2024 11:34:48

3MHz_High_QPSK_1@14



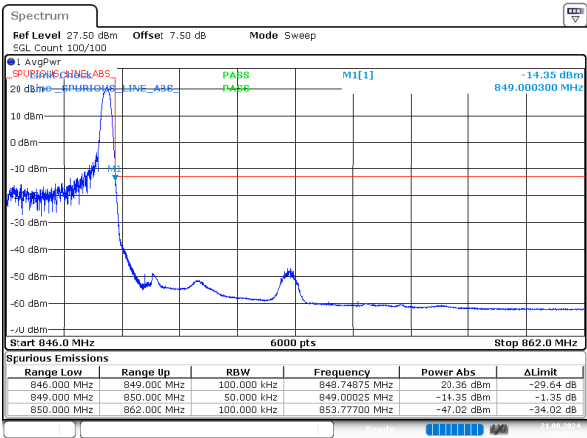
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 Date: 21.AUG.2024 16:02:53

3MHz_High_QPSK_15@0



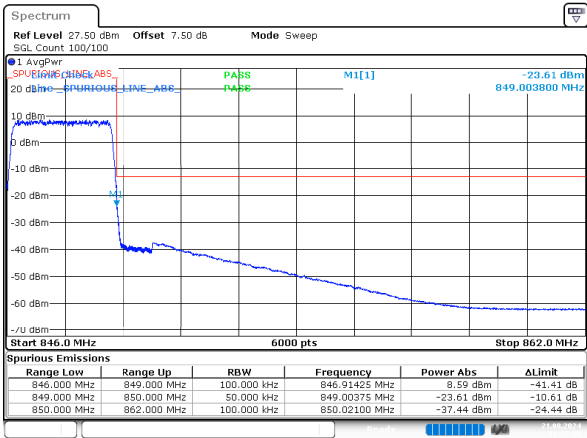
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3MHz_High_16QAM_1@14



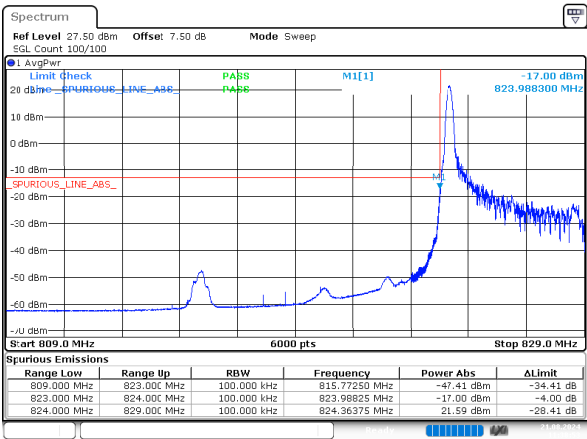
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3MHz_High_16QAM_15@0



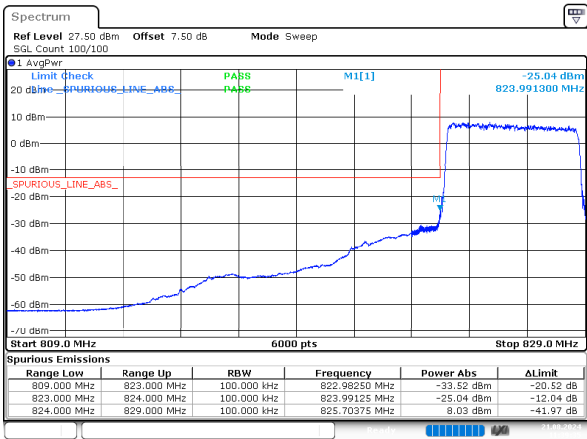
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5MHz_Low_QPSK_1@0



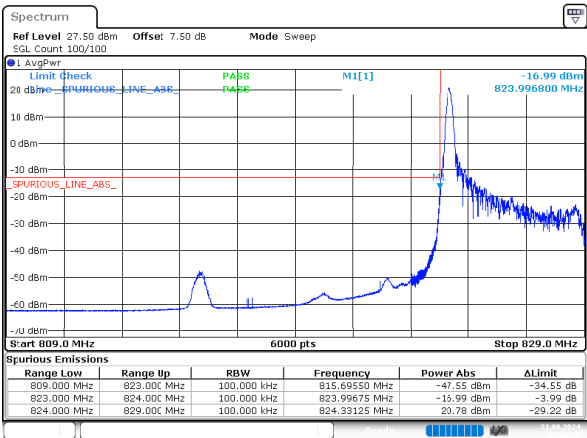
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5MHz_Low_QPSK_25@0



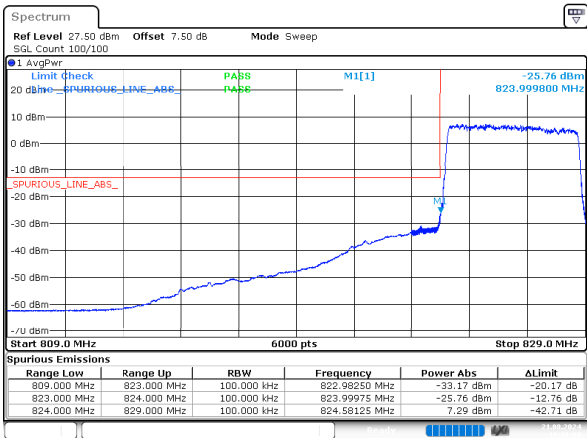
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5MHz_Low_16QAM_1@0



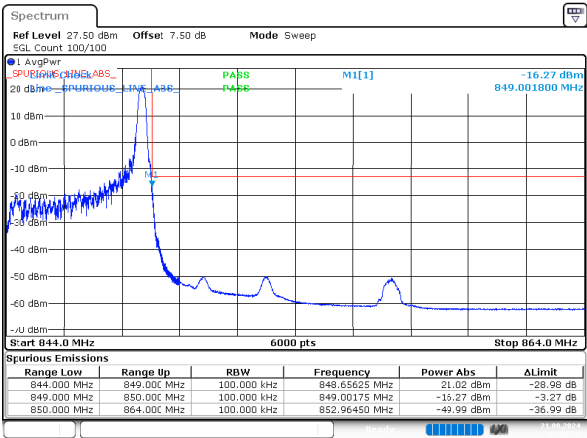
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5MHz_Low_16QAM_25@0



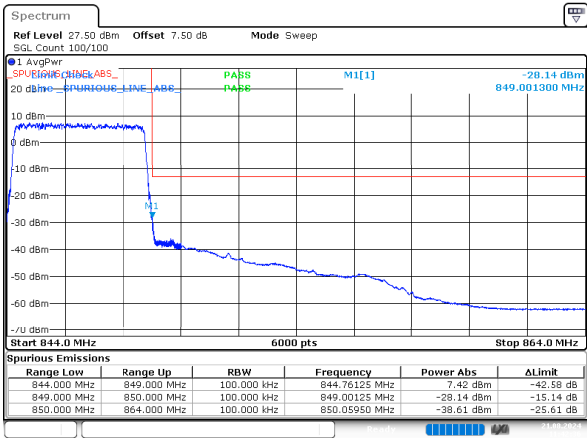
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5MHz_High_QPSK_1@24



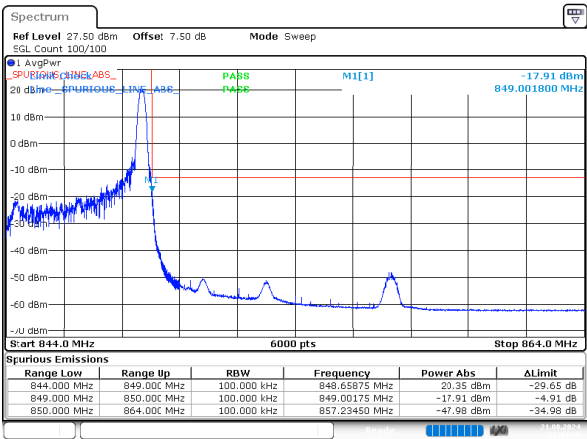
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5MHz_High_QPSK_25@0



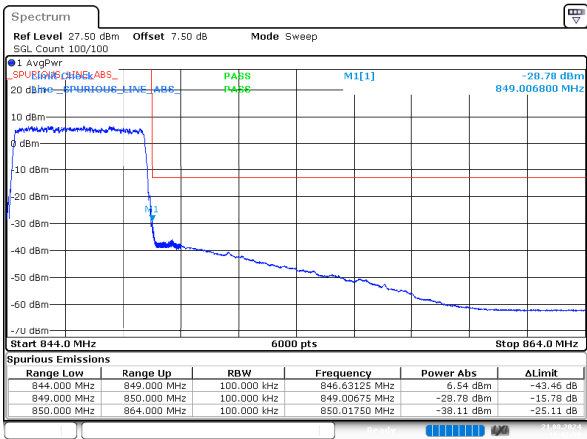
ProjectNo.:2402W51421E-RF Tester:Loge Long
 Date: 21.AUG.2024 11:42:36

5MHz_High_16QAM_1@24



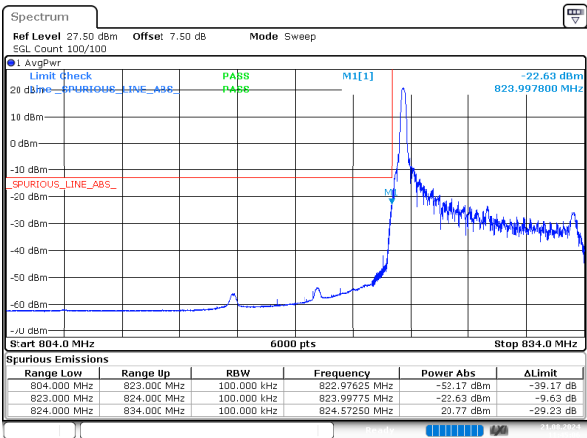
ProjectNo.:2402W51421E-RF Tester:Loge Long
 Date: 21.AUG.2024 11:43:18

5MHz_High_16QAM_25@0



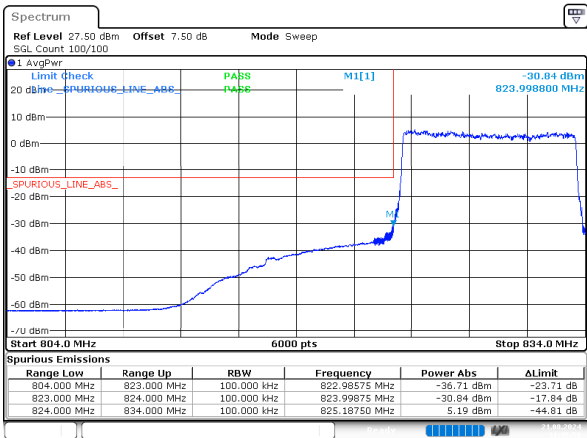
ProjectNo.:2402W51421E-RF Tester:Loge Long
 Date: 21.AUG.2024 11:43:59

10MHz_Low_QPSK_1@0



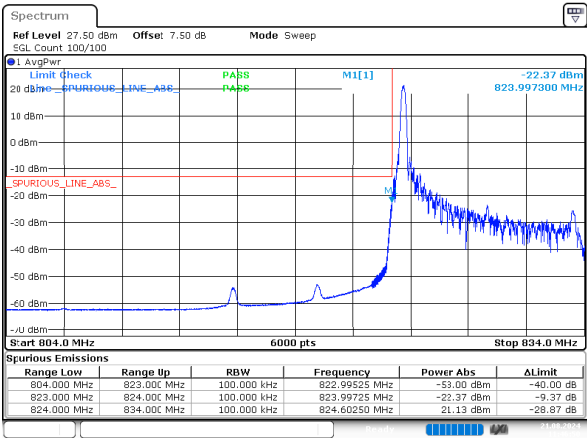
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 Date: 21.AUG.2024 11:45:06

10MHz_Low_QPSK_50@0



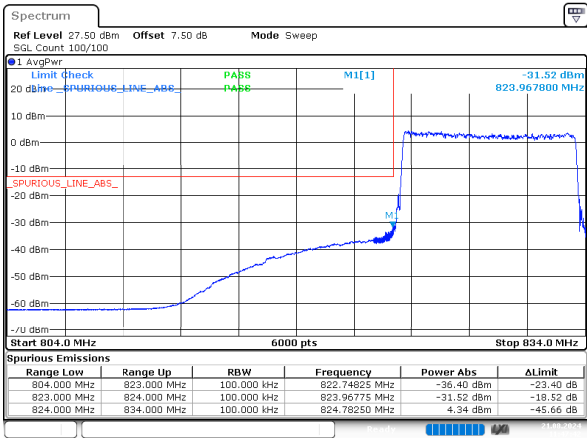
ProjectNo.:2402W51421E-RF Tester:Loge Long
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10MHz_Low_16QAM_1@0



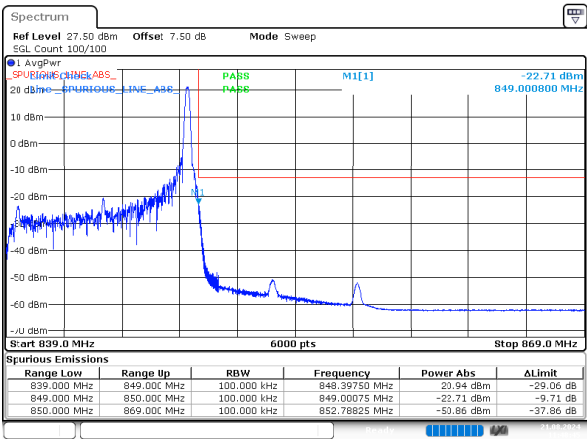
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10MHz_Low_16QAM_50@0



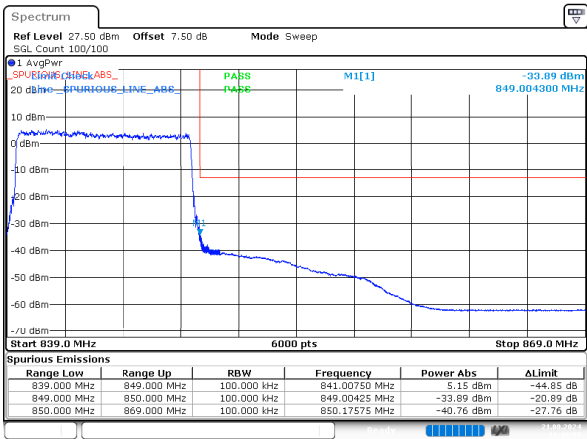
ProjectNo.:2402W51421E-RF Tester:Loge Long
 Date: 21.AUG.2024 11:47:42

10MHz_High_QPSK_1@49



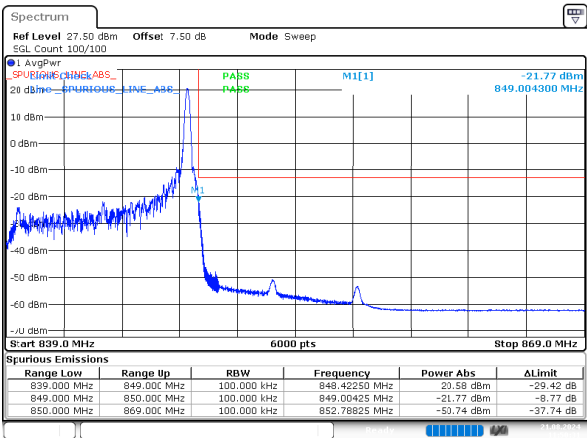
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10MHz_High_QPSK_50@0



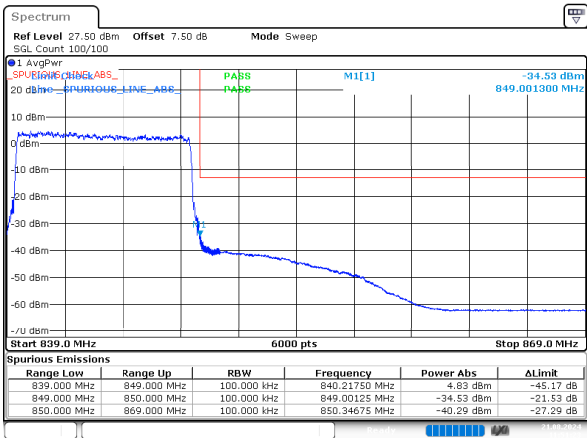
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 Date: 21.AUG.2024 11:49:38

10MHz_High_16QAM_1@49



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 11:50:31

10MHz_High_16QAM_50@0

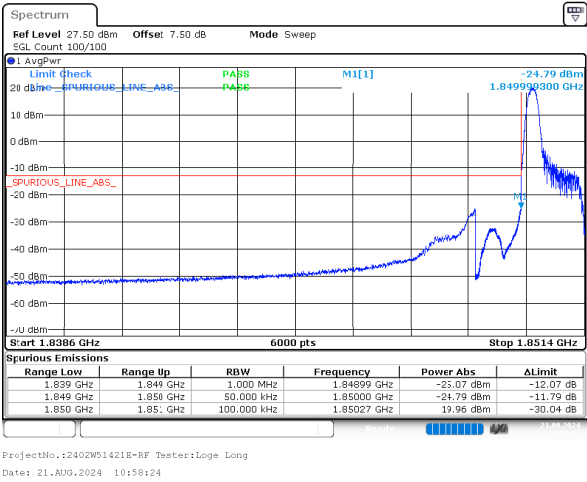


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Date: 21.AUG.2024 11:51:23

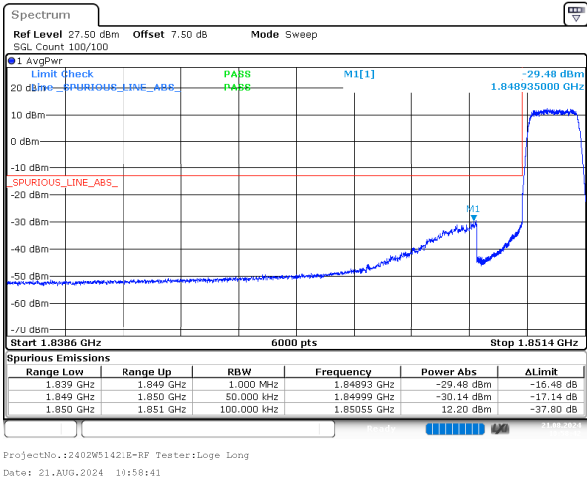
FCC Part 24E & IC RSS 133

B2 , Normal

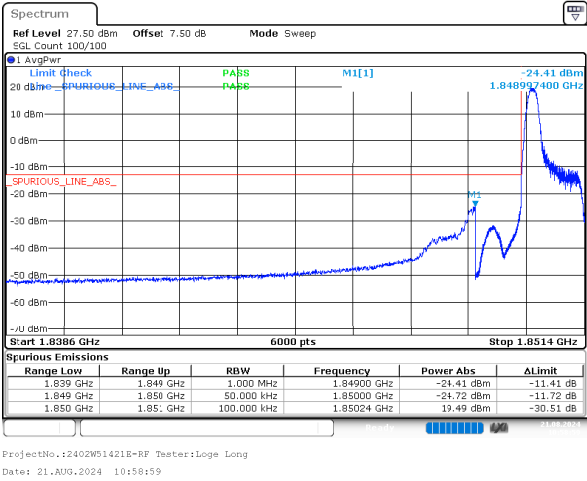
1.4MHz_Low_QPSK_1@0



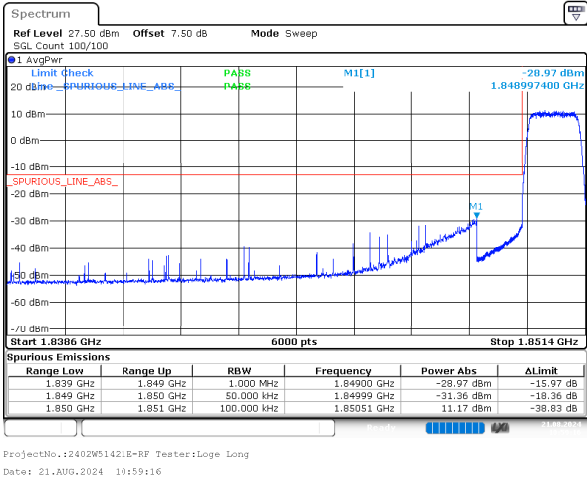
1.4MHz_Low_QPSK_6@0



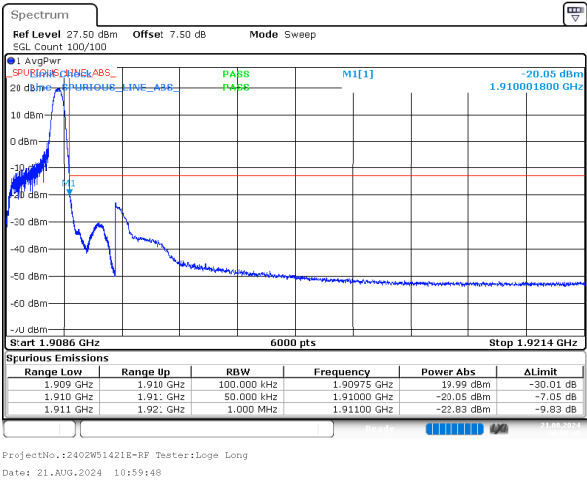
1.4MHz_Low_16QAM_1@0



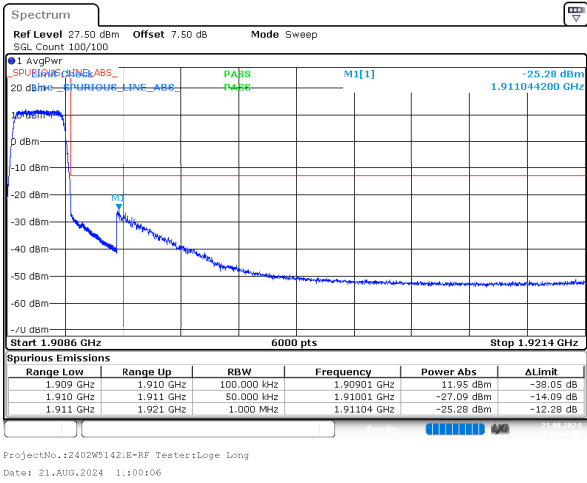
1.4MHz_Low_16QAM_6@0



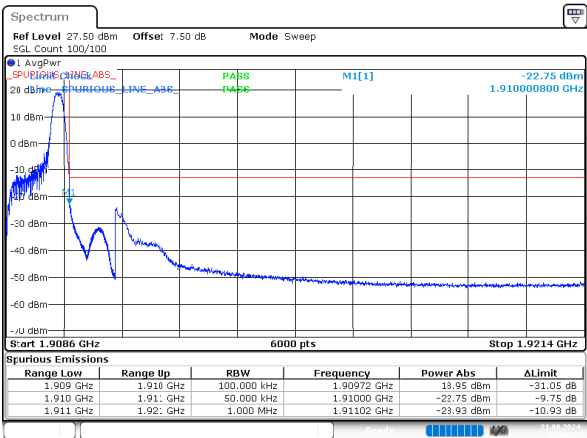
1.4MHz_High_QPSK_1@5



1.4MHz_High_QPSK_6@0

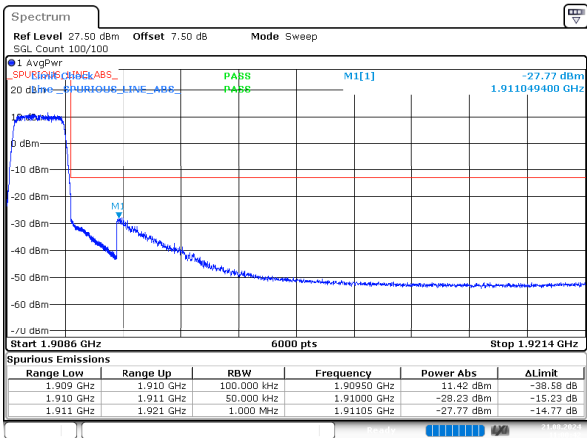


1.4MHz_High_16QAM_1@5



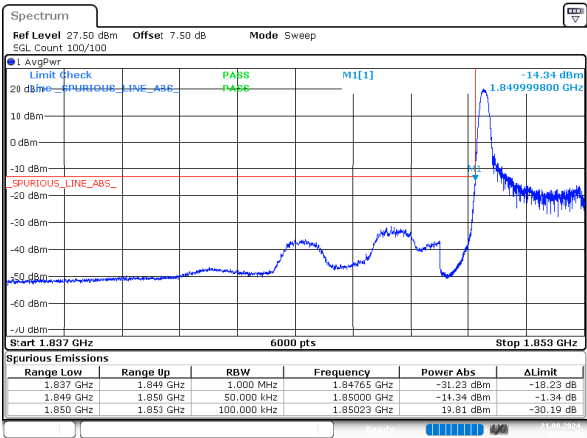
ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 11:00:24

1.4MHz_High_16QAM_6@0



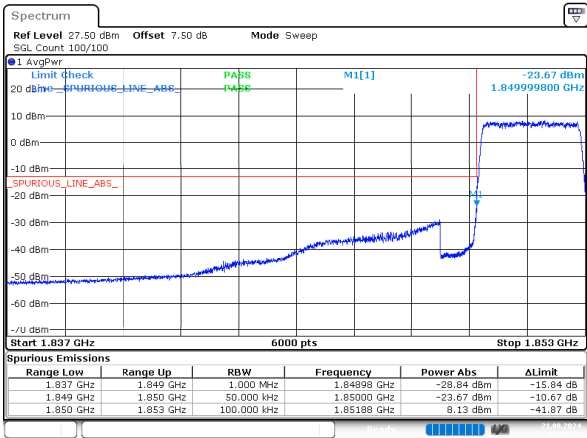
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Date: 21.AUG.2024 11:00:42

3MHz_Low_QPSK_1@0



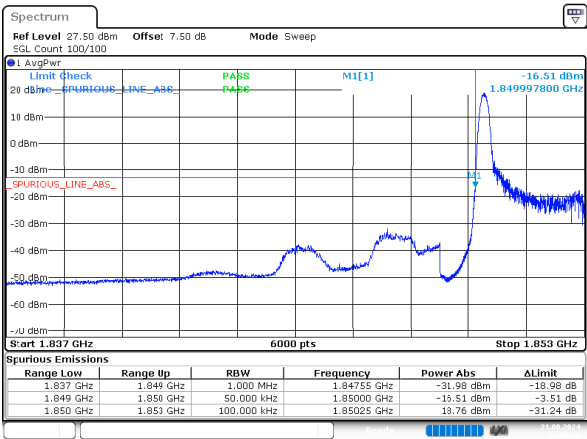
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Date: 21.AUG.2024 11:01:14

3MHz_Low_QPSK_15@0



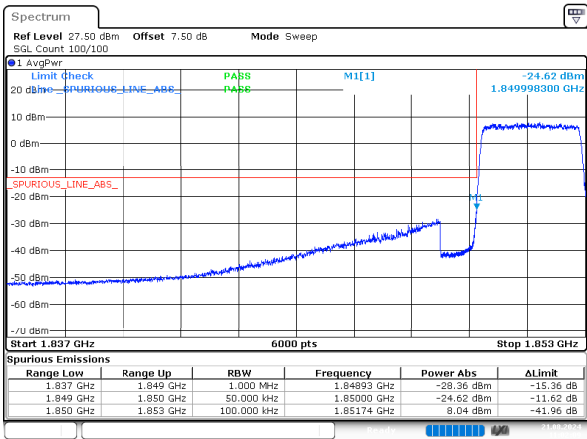
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Date: 21.AUG.2024 11:01:32

3MHz_Low_16QAM_1@0



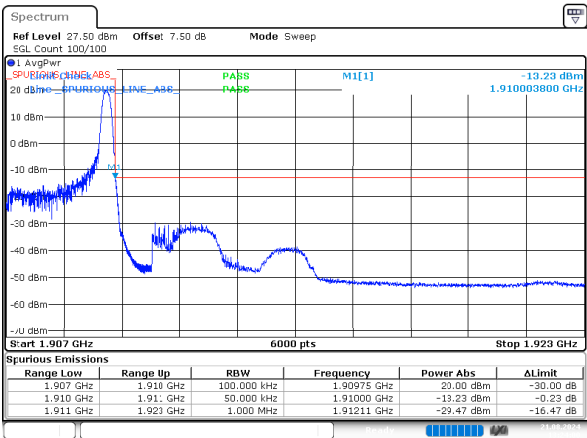
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3MHz_Low_16QAM_15@0



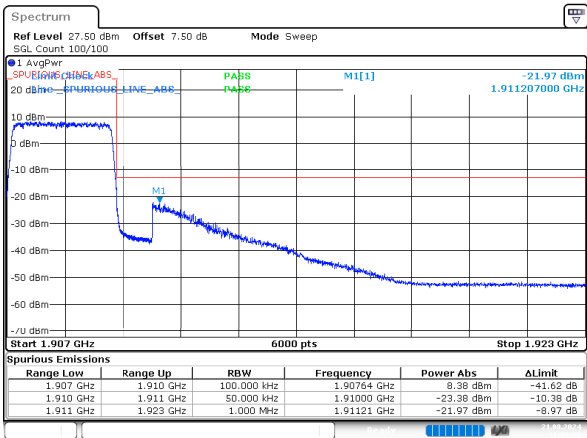
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3MHz_High_QPSK_1@14



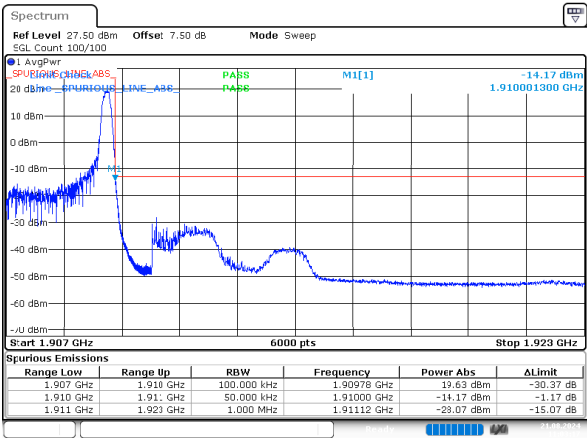
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3MHz_High_QPSK_15@0



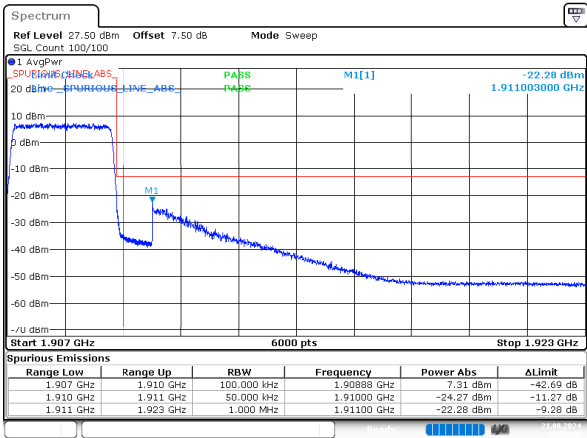
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3MHz_High_16QAM_1@14



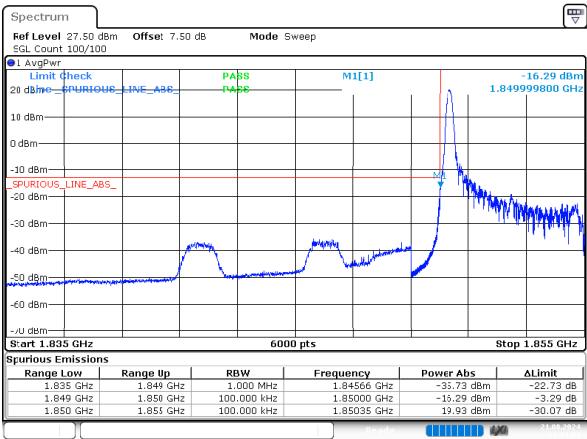
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 Date: 21.AUG.2024 11:03:17

3MHz_High_16QAM_15@0



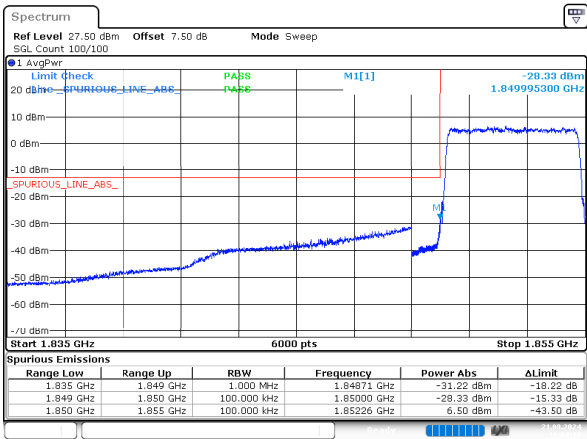
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5MHz_Low_QPSK_1@0



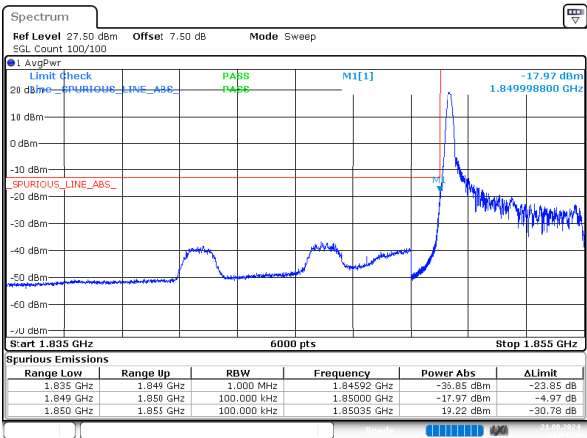
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 Date: 21.AUG.2024 11:04:04

5MHz_Low_QPSK_25@0



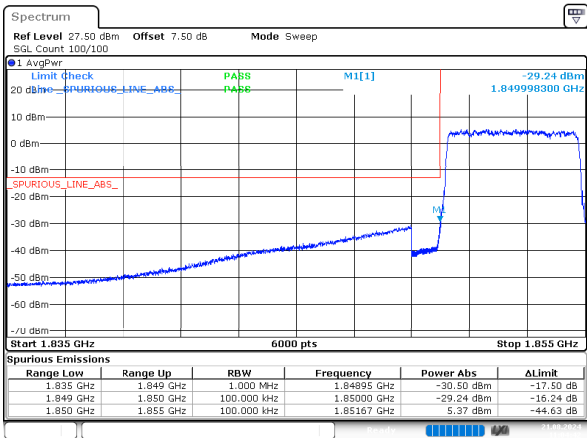
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5MHz_Low_16QAM_1@0



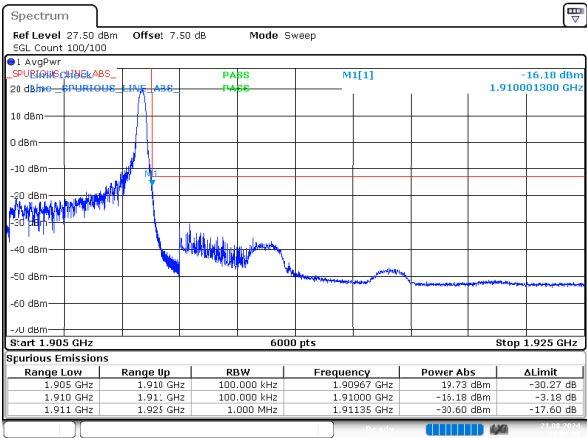
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5MHz_Low_16QAM_25@0



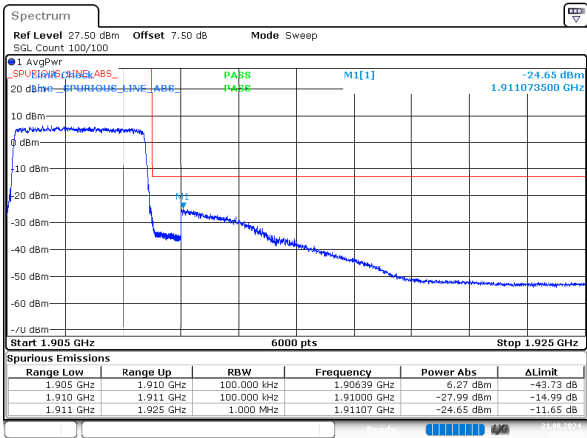
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5MHz_High_QPSK_1@24



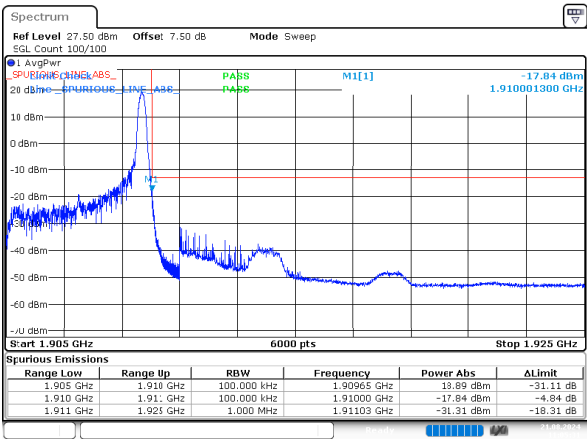
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5MHz_High_QPSK_25@0



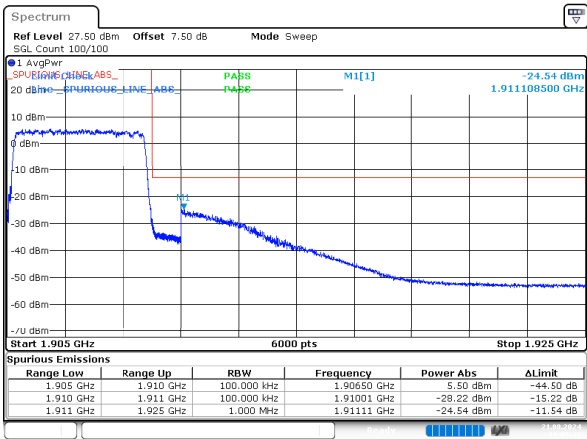
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5MHz_High_16QAM_1@24



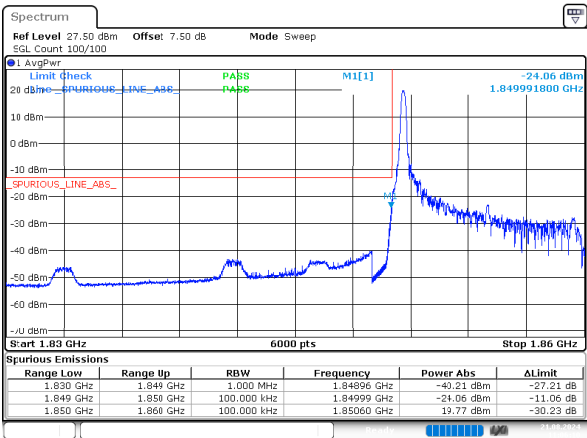
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Date: 21.AUG.2024 11:05:31

5MHz_High_16QAM_25@0



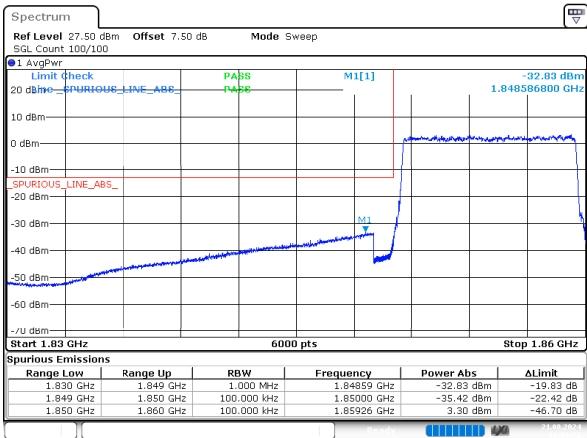
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Date: 21.AUG.2024 11:05:43

10MHz_Low_QPSK_1@0



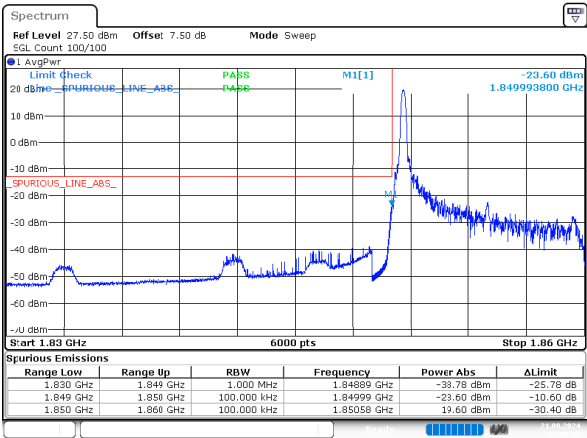
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 Date: 21.AUG.2024 11:06:10

10MHz_Low_QPSK_50@0



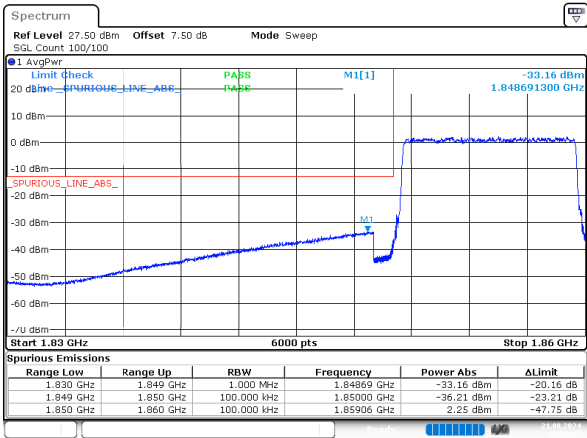
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 Date: 21.AUG.2024 11:06:22

10MHz_Low_16QAM_1@0



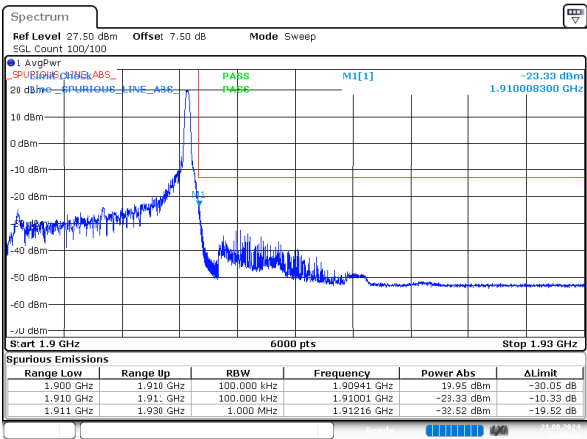
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10MHz_Low_16QAM_50@0



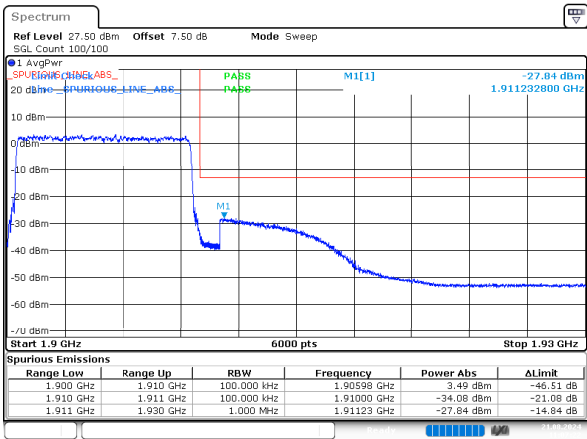
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 Date: 21.AUG.2024 11:06:47

10MHz_High_QPSK_1@49



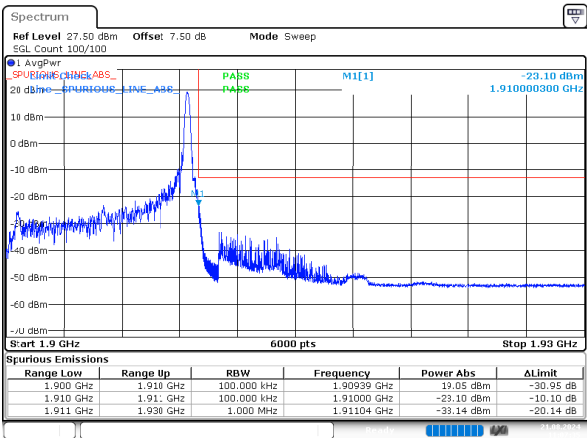
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 Date: 21.AUG.2024 11:07:10

10MHz_High_QPSK_50@0



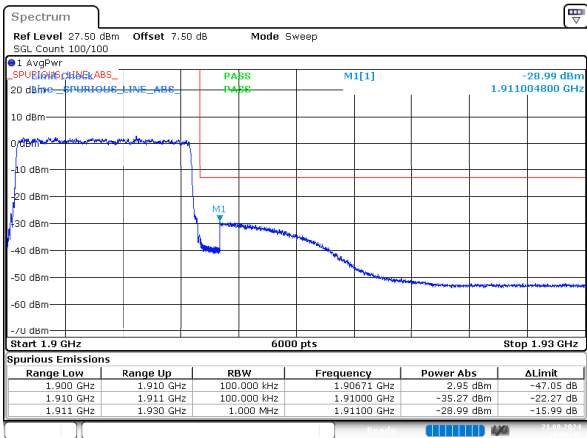
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10MHz_High_16QAM_1@49



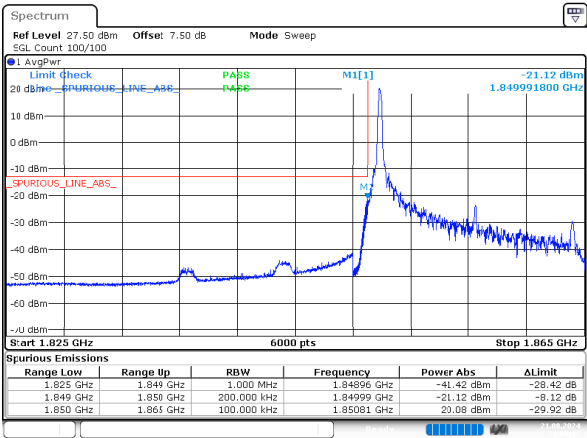
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10MHz_High_16QAM_50@0



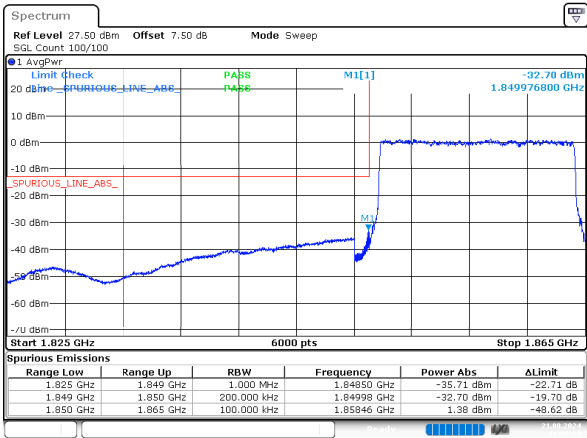
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15MHz_Low_QPSK_1@0



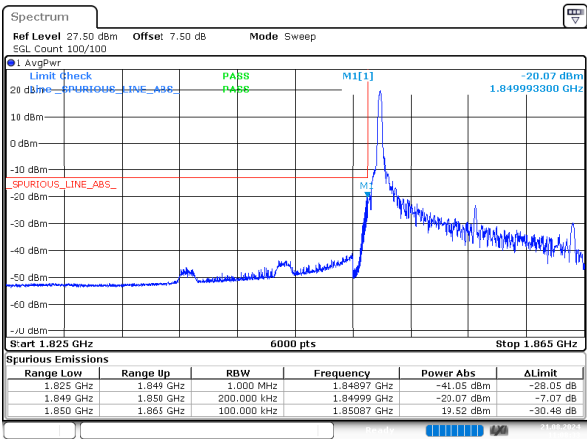
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Date: 21.AUG.2024 11:08:12

15MHz_Low_QPSK_75@0



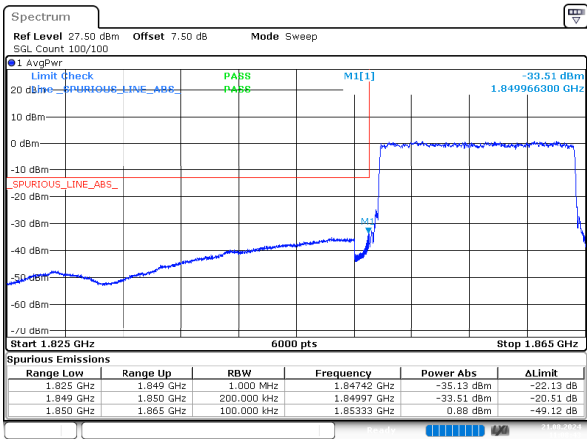
ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 11:08:23

15MHz_Low_16QAM_1@0



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 11:08:33

15MHz_Low_16QAM_75@0



ProjectNo.:2402W51421E-RF Tester:Loge Long
Date: 21.AUG.2024 11:08:43