

Appendix S-4G Occupied Bandwidth

Occupied Bandwidth

FCC For 90S

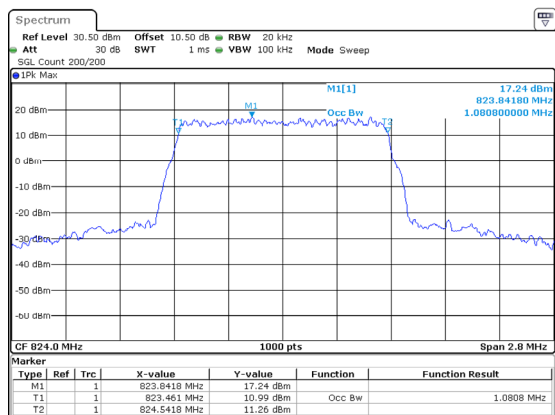
B26_3, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.081	1.239
1.4MHz_Middle_16QAM_6@0	1.081	1.230
3MHz_Middle_QPSK_15@0	2.688	2.979
3MHz_Middle_16QAM_15@0	2.694	3.033
5MHz_Middle_QPSK_25@0	4.470	4.895
5MHz_Middle_16QAM_25@0	4.460	4.905
10MHz_Middle_QPSK_50@0	8.940	9.830
10MHz_Middle_16QAM_50@0	8.920	9.630
15MHz_Middle_QPSK_75@0	13.440	14.685
15MHz_Middle_16QAM_75@0	13.440	14.655

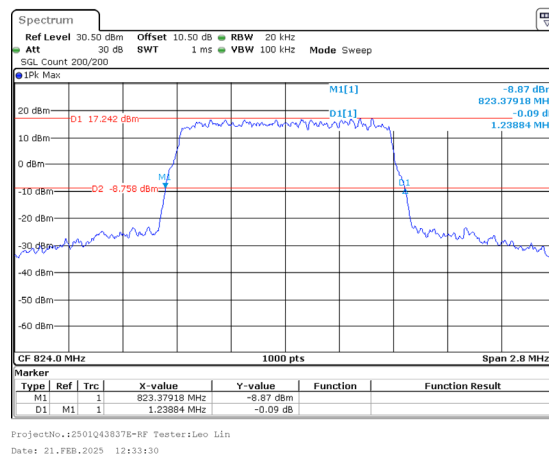
B26_3, Normal

1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth

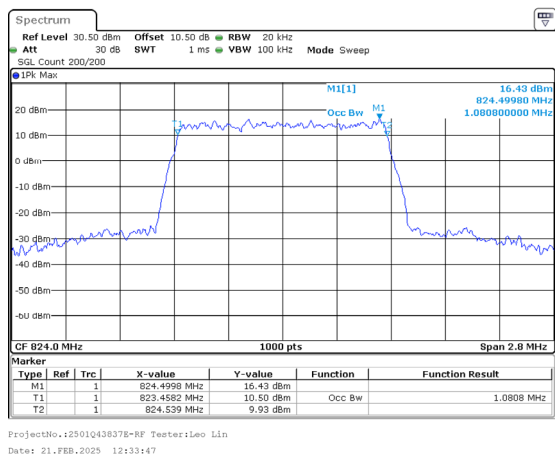


26dB Bandwidth

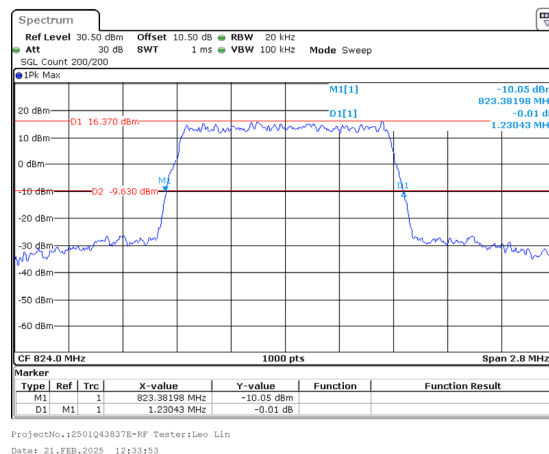


1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

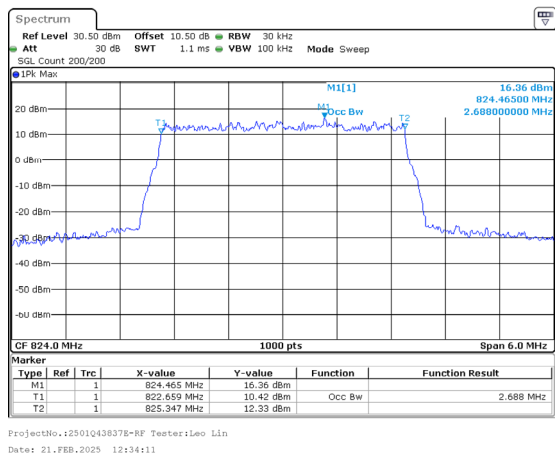


26dB Bandwidth

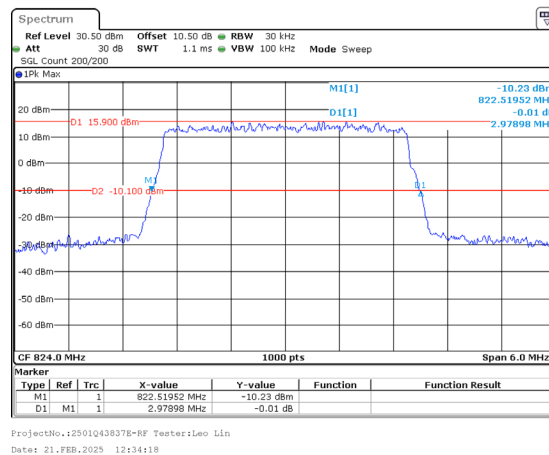


3MHz_Middle_QPSK_15@0

Occupied Bandwidth

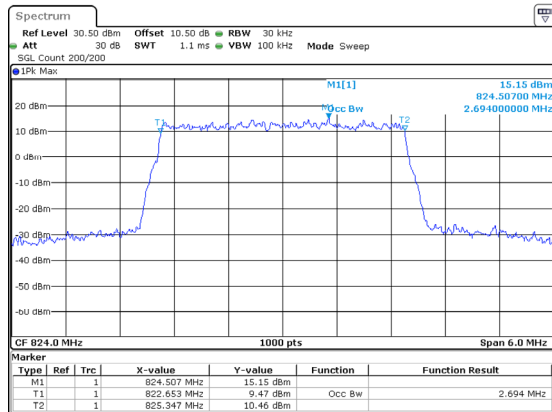


26dB Bandwidth



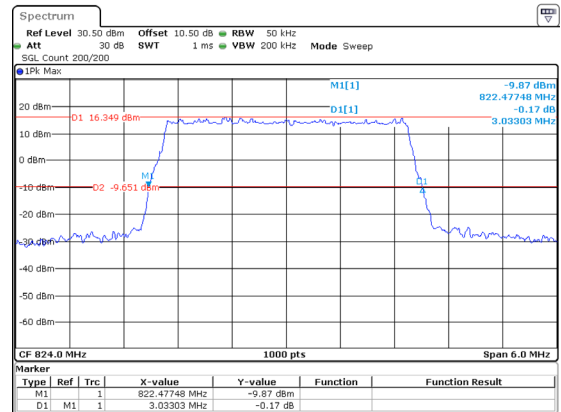
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:34:34

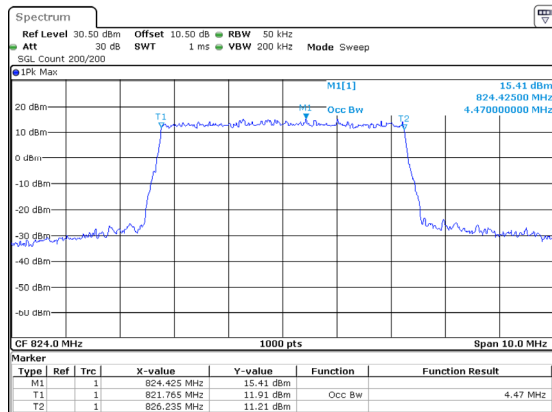
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:34:48

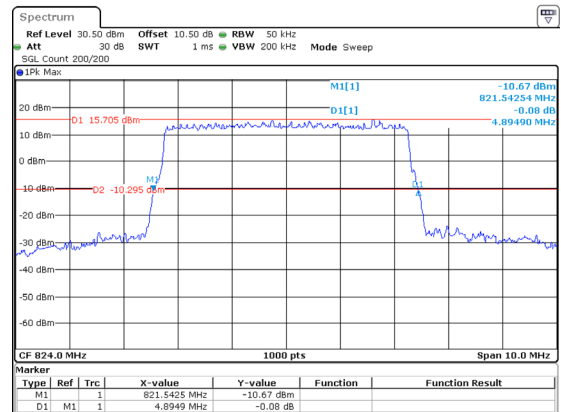
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:35:08

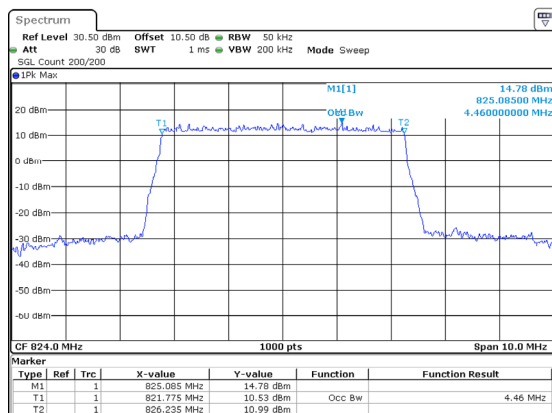
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:35:15

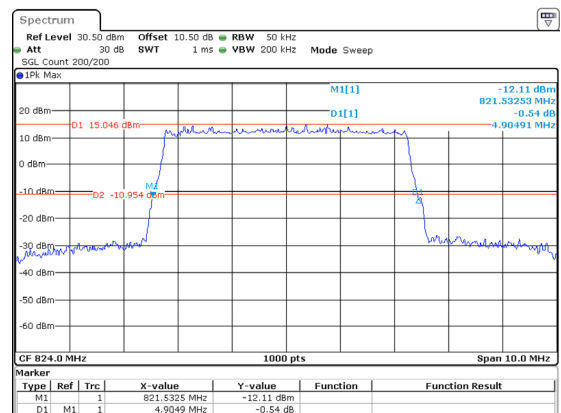
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:35:31

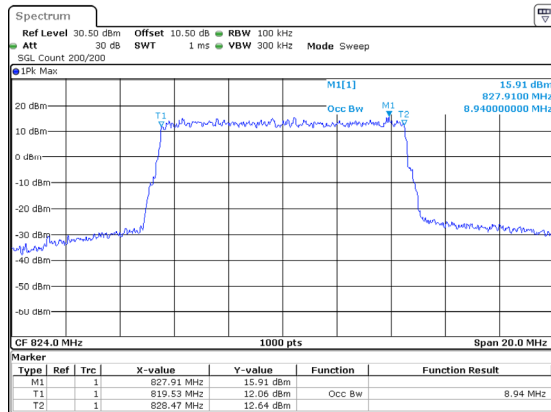
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:35:39

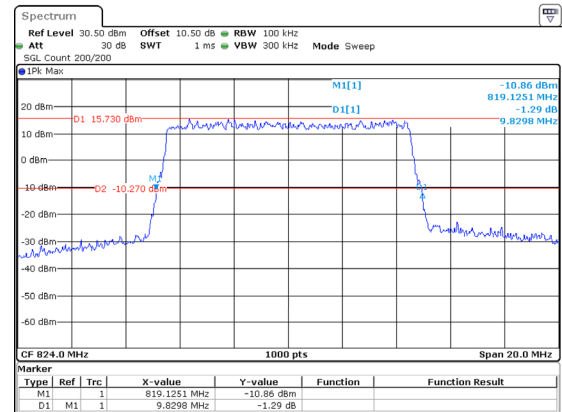
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:36:02

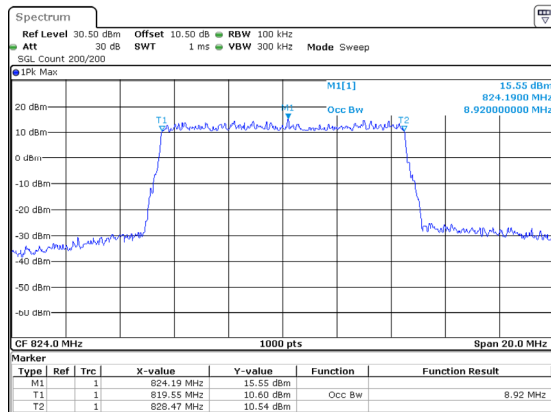
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:36:10

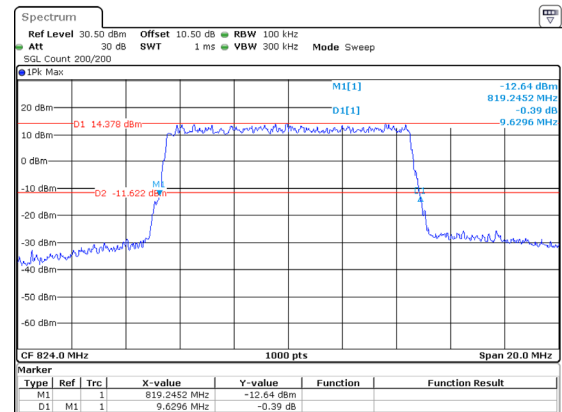
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:36:29

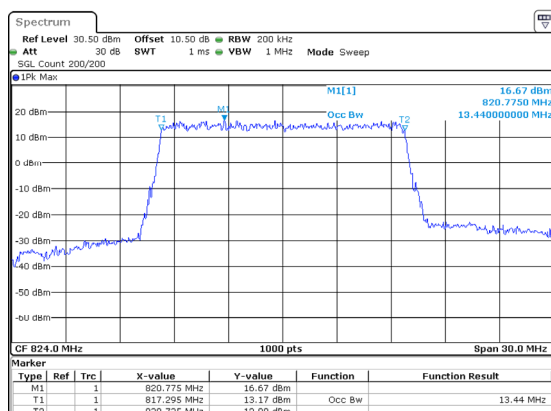
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:36:37

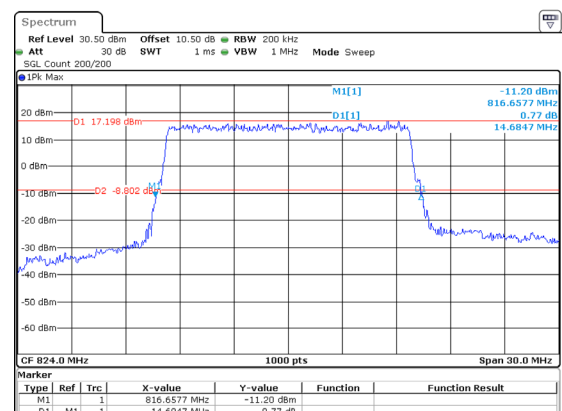
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:37:01

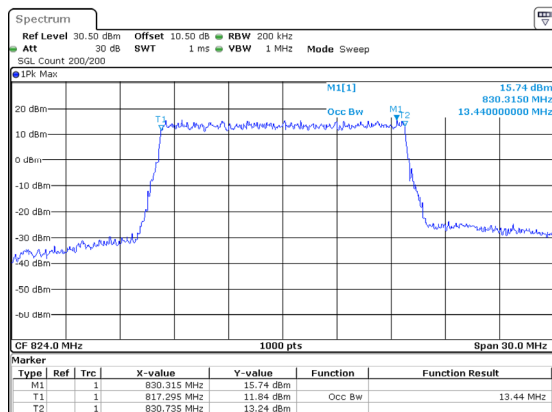
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:37:10

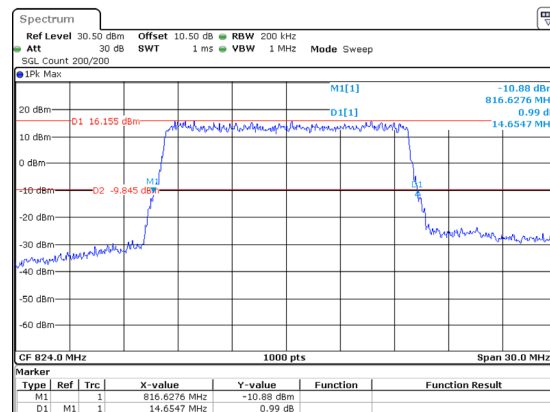
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:37:30

26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 12:37:39

FCC Part 22H

B5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.081	1.236
1.4MHz_Middle_16QAM_6@0	1.089	1.222
3MHz_Middle_QPSK_15@0	2.682	2.967
3MHz_Middle_16QAM_15@0	2.688	2.979
5MHz_Middle_QPSK_25@0	4.480	4.865
5MHz_Middle_16QAM_25@0	4.470	4.915
10MHz_Middle_QPSK_50@0	8.960	9.790
10MHz_Middle_16QAM_50@0	8.960	9.710

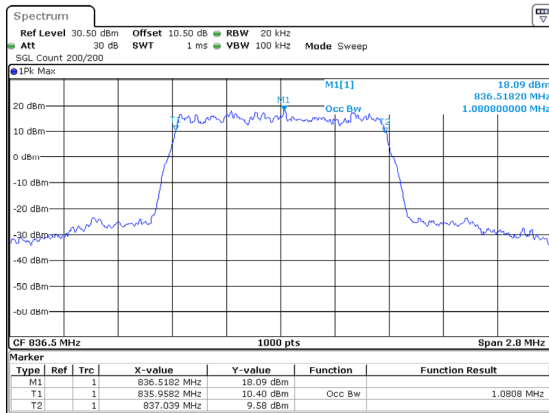
B26_2, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.078	1.228
1.4MHz_Middle_16QAM_6@0	1.095	1.219
3MHz_Middle_QPSK_15@0	2.682	3.021
3MHz_Middle_16QAM_15@0	2.688	3.009
5MHz_Middle_QPSK_25@0	4.490	4.855
5MHz_Middle_16QAM_25@0	4.470	4.905
10MHz_Middle_QPSK_50@0	8.920	9.730
10MHz_Middle_16QAM_50@0	8.960	9.710
15MHz_Middle_QPSK_75@0	13.380	14.595
15MHz_Middle_16QAM_75@0	13.440	14.745

B5, Normal

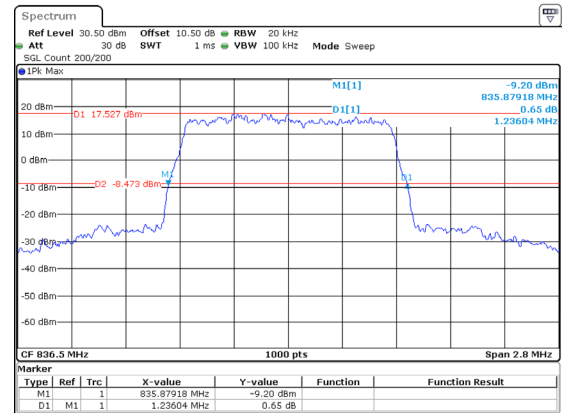
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:27:17

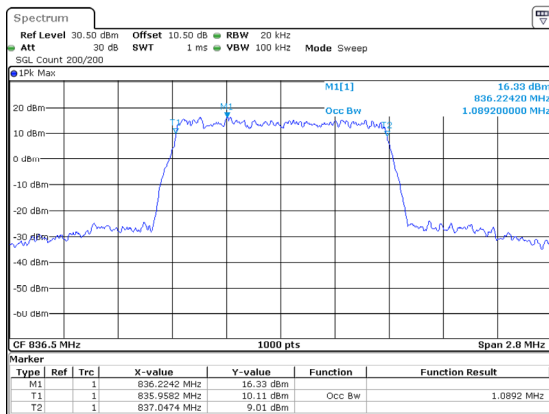
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:27:22

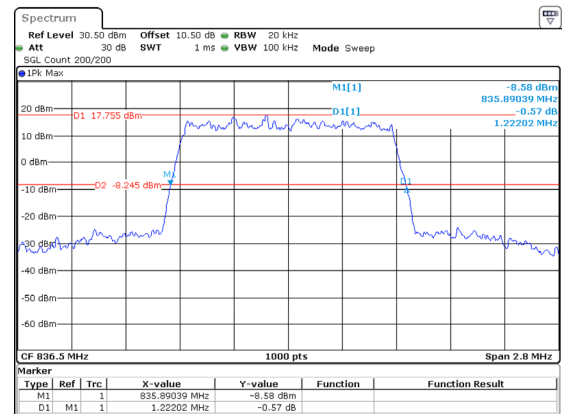
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:27:37

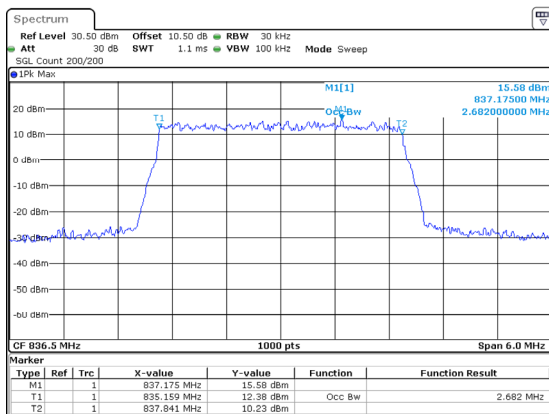
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:27:42

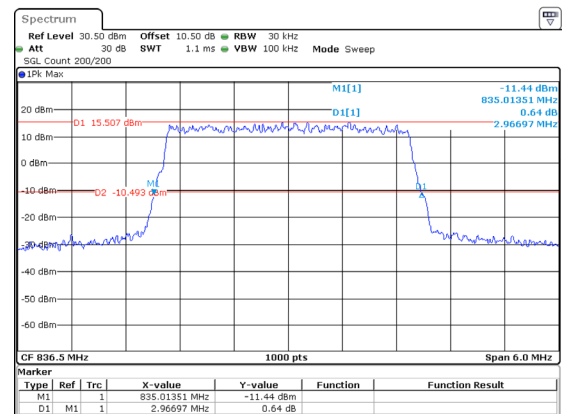
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:27:59

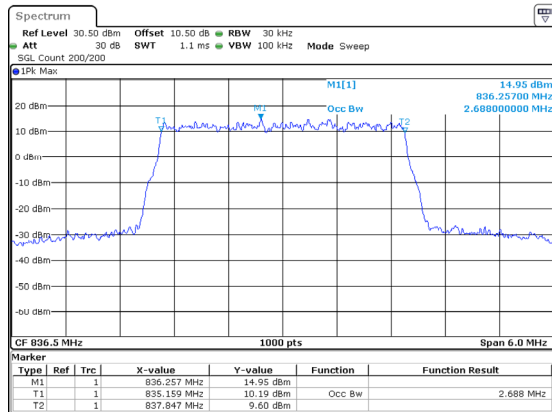
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:28:05

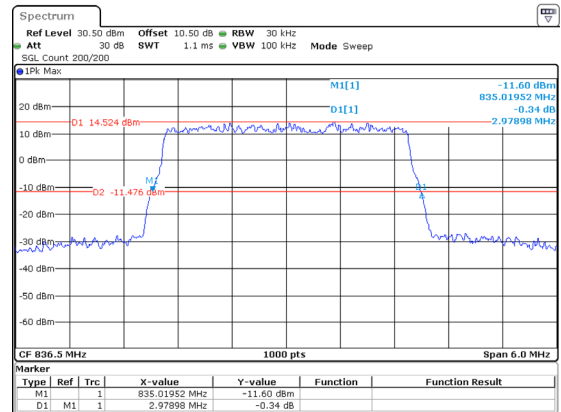
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:28:18

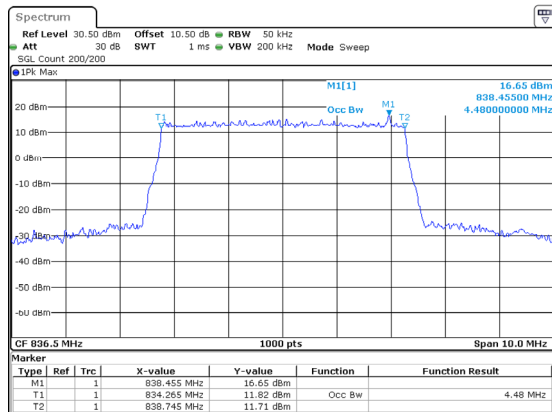
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:28:24

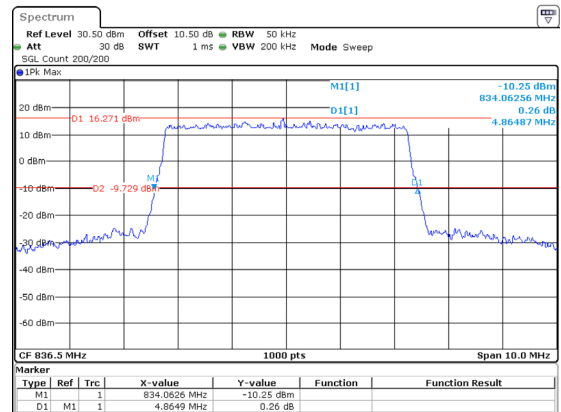
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:28:42

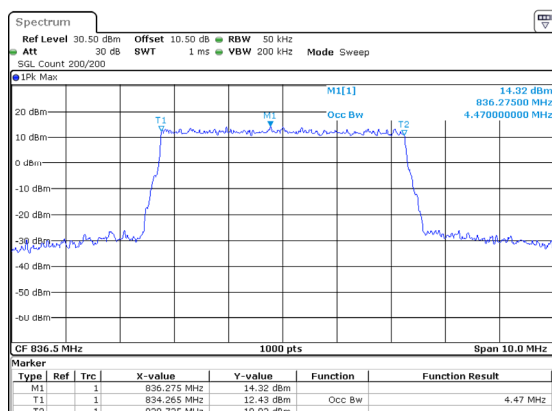
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:28:48

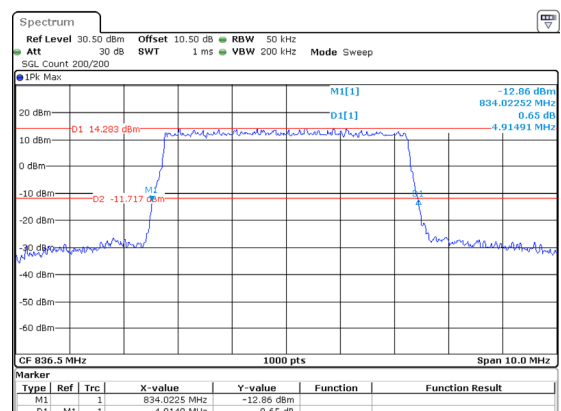
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:29:03

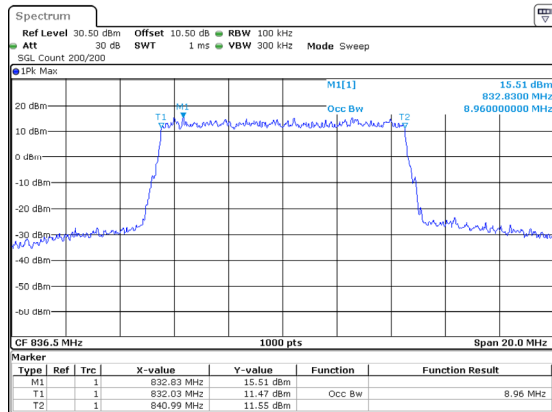
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:29:09

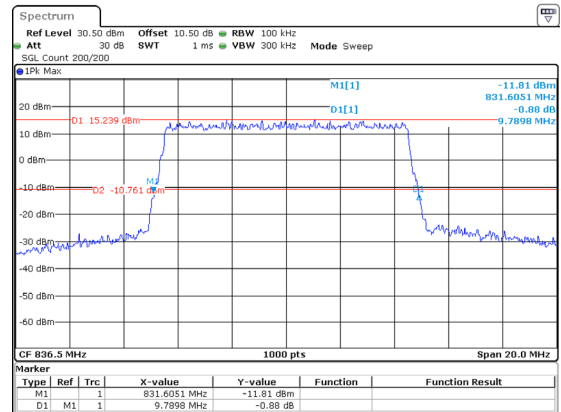
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:29:28

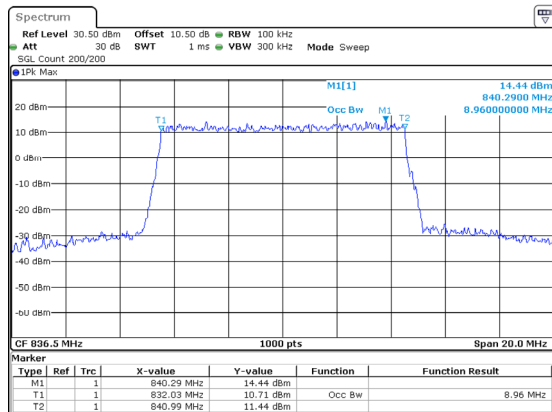
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:29:34

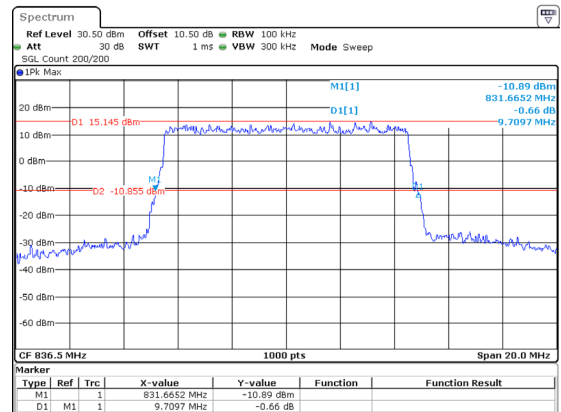
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:29:49

26dB Bandwidth

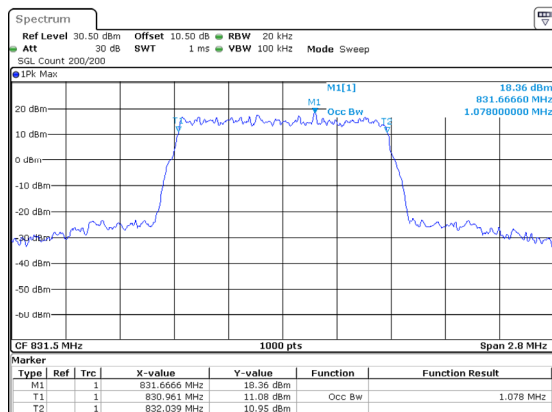


ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:29:56

B26_2, Normal

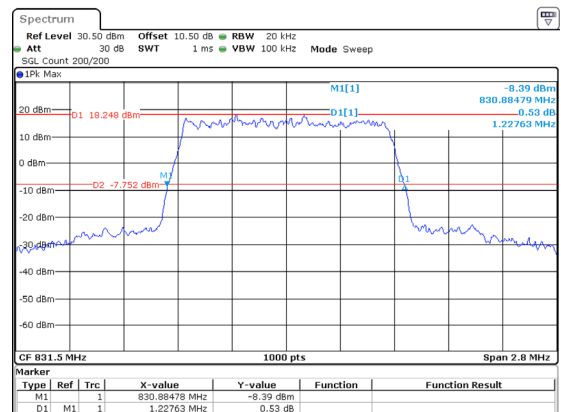
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:55:04

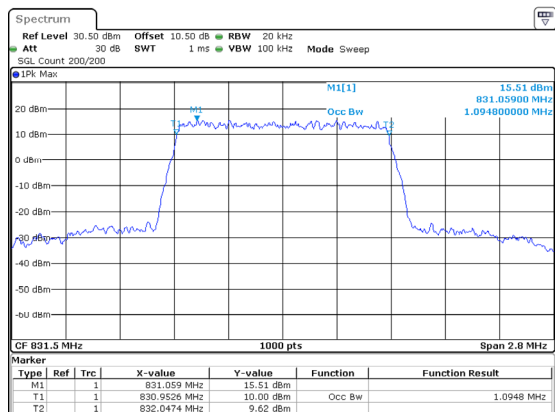
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:55:10

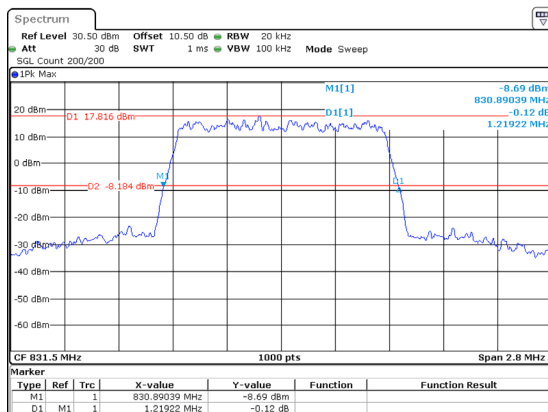
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:55:30

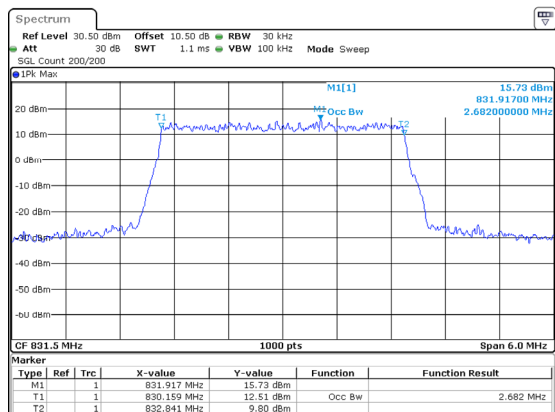
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:55:36

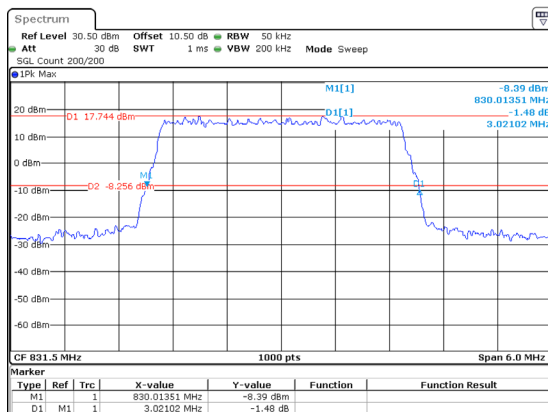
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:55:56

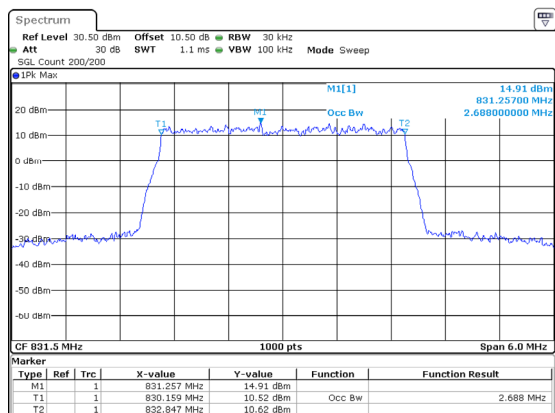
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:56:05

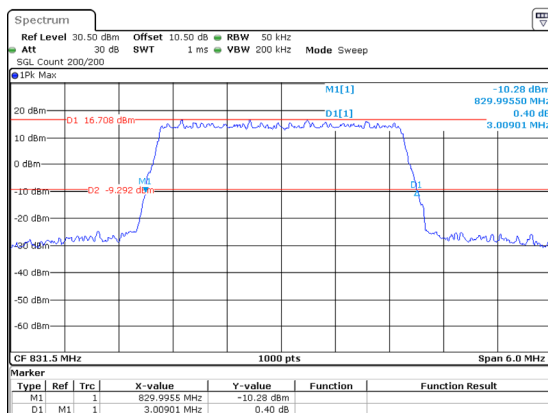
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:56:19

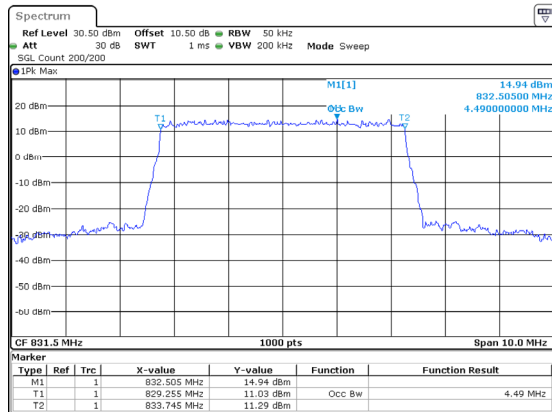
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:56:28

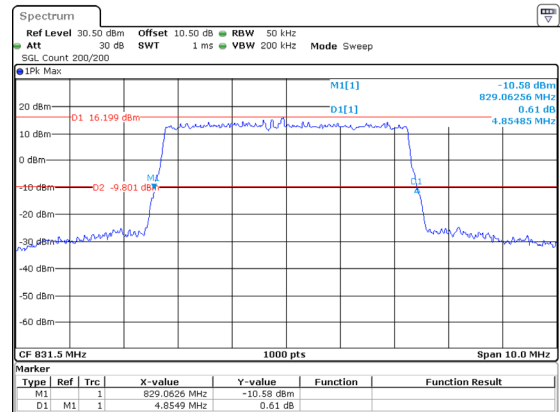
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:56:47

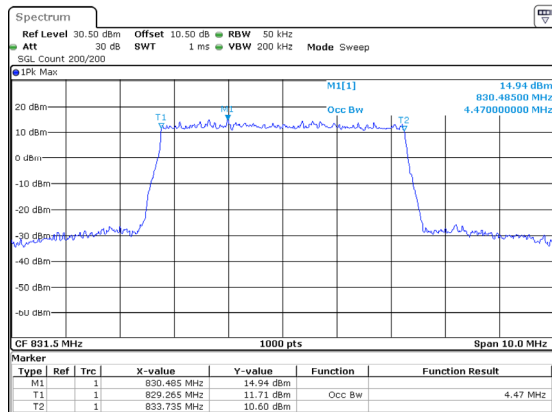
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:56:53

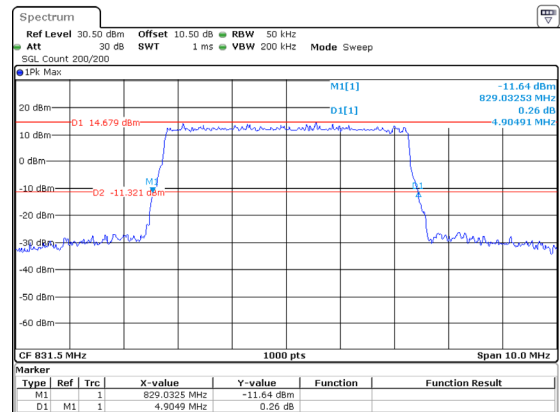
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:57:08

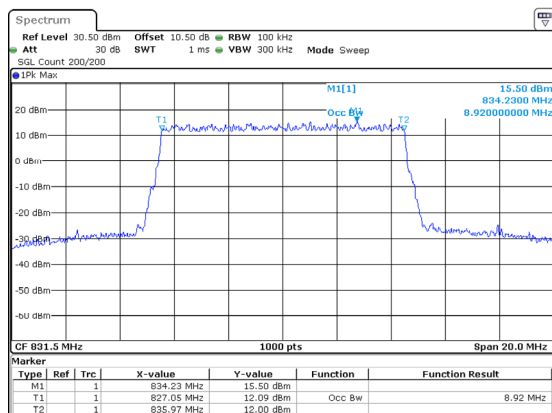
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:57:14

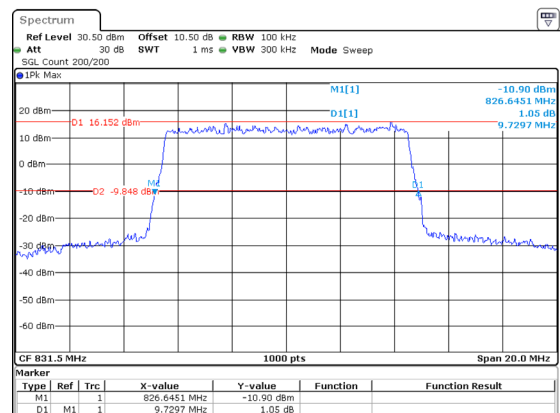
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:57:36

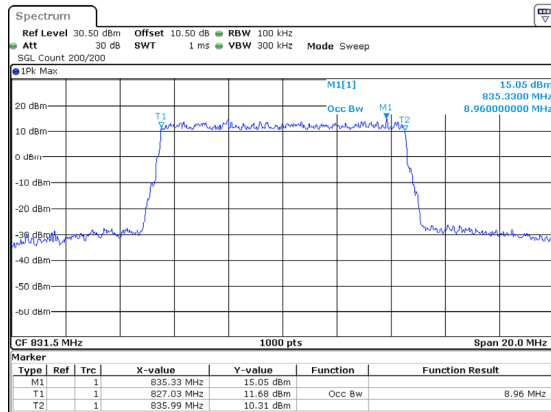
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:57:43

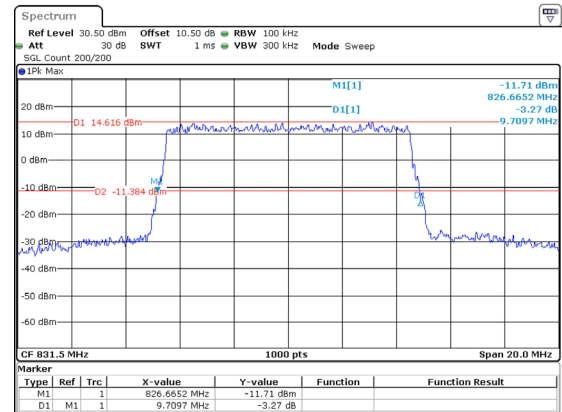
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:58:01

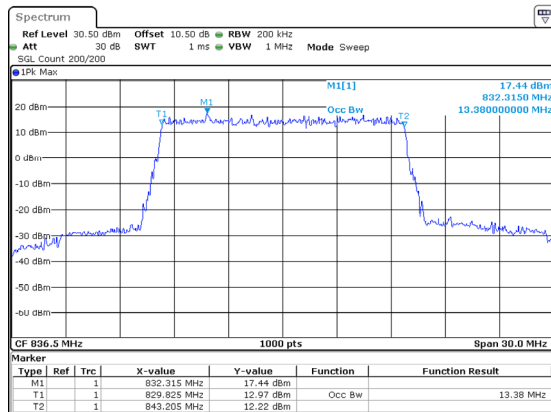
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:58:08

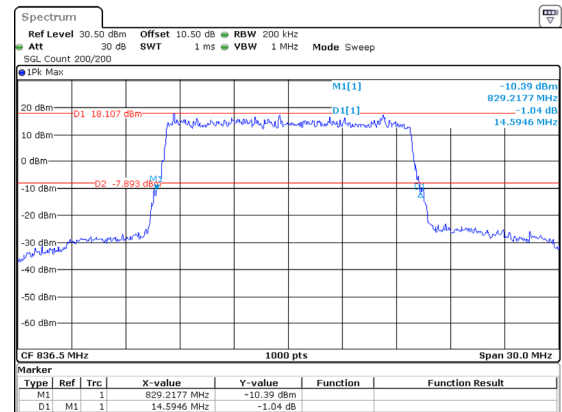
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:58:33

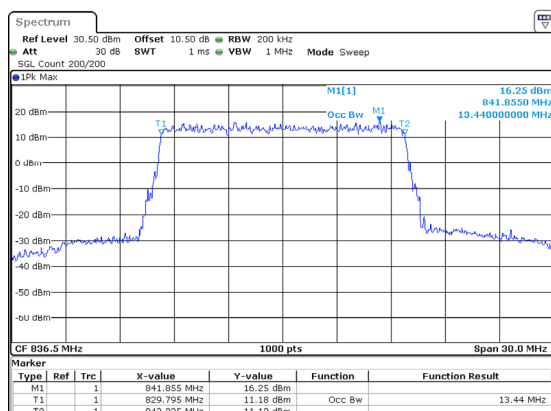
26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:58:42

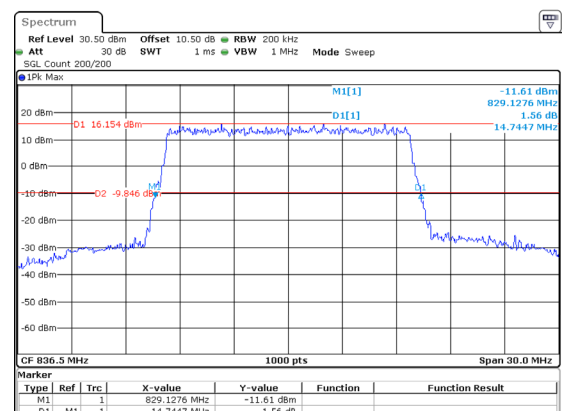
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:59:02

26dB Bandwidth



ProjectNo.:2501Q43837E-RF Tester:Leo Lin
Date: 21.FEB.2025 11:59:10

FCC Part 24E

B2, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.086	1.242
1.4MHz_Middle_16QAM_6@0	1.084	1.239
3MHz_Middle_QPSK_15@0	2.688	2.991
3MHz_Middle_16QAM_15@0	2.694	3.039
5MHz_Middle_QPSK_25@0	4.470	4.875
5MHz_Middle_16QAM_25@0	4.480	4.895
10MHz_Middle_QPSK_50@0	8.960	9.790
10MHz_Middle_16QAM_50@0	8.940	9.690
15MHz_Middle_QPSK_75@0	13.440	14.835
15MHz_Middle_16QAM_75@0	13.380	14.595
20MHz_Middle_QPSK_100@0	17.880	19.379
20MHz_Middle_16QAM_100@0	17.840	19.259

B25, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.081	1.236
1.4MHz_Middle_16QAM_6@0	1.084	1.219
3MHz_Middle_QPSK_15@0	2.688	3.009
3MHz_Middle_16QAM_15@0	2.688	2.997
5MHz_Middle_QPSK_25@0	4.470	4.835
5MHz_Middle_16QAM_25@0	4.470	4.925
10MHz_Middle_QPSK_50@0	8.940	9.670
10MHz_Middle_16QAM_50@0	8.940	9.690
15MHz_Middle_QPSK_75@0	13.410	14.745
15MHz_Middle_16QAM_75@0	13.410	14.625
20MHz_Middle_QPSK_100@0	17.880	19.139
20MHz_Middle_16QAM_100@0	17.800	19.299