

Appendix P-4G OBW

Test Information:

Sample No.:	2UKG-1	Test Date:	2024/12/30~2025/02/08
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Lin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	23.8-24.6	Relative Humidity: (%)	36-42	ATM Pressure: (kPa)	101.5
-----------------------	-----------	---------------------------	-------	------------------------	-------

Occupied Bandwidth

FCC Part 22H

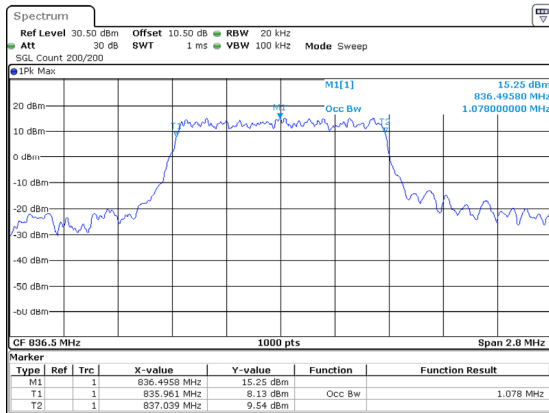
B5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.078	1.250
1.4MHz_Middle_16QAM_6@0	1.095	1.256
3MHz_Middle_QPSK_15@0	2.682	2.865
3MHz_Middle_16QAM_15@0	2.682	2.889
5MHz_Middle_QPSK_25@0	4.470	4.865
5MHz_Middle_16QAM_25@0	4.470	5.435
10MHz_Middle_QPSK_50@0	8.960	9.470
10MHz_Middle_16QAM_50@0	8.960	9.910

B5, Normal

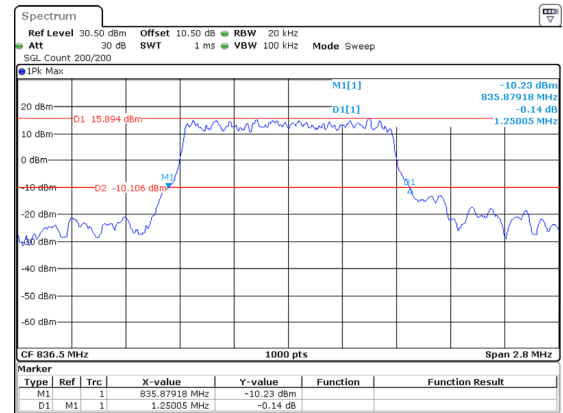
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:14:31

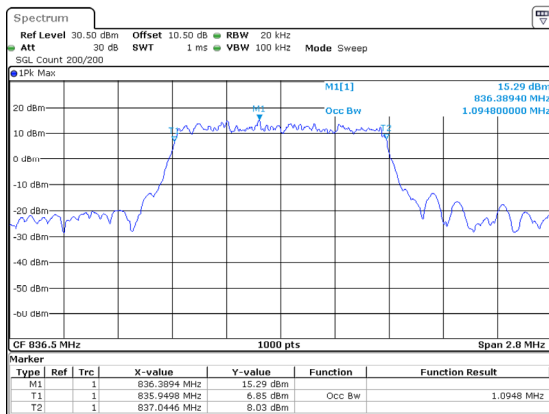
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:14:37

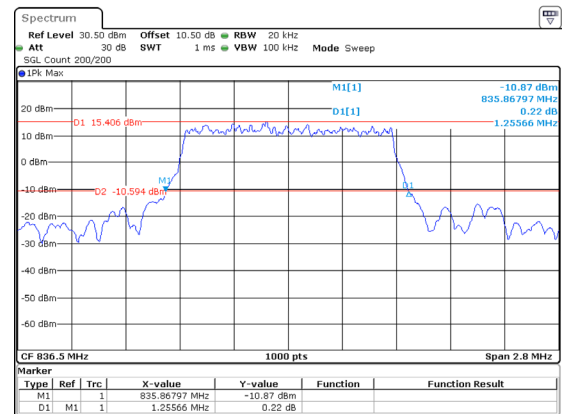
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:16:24

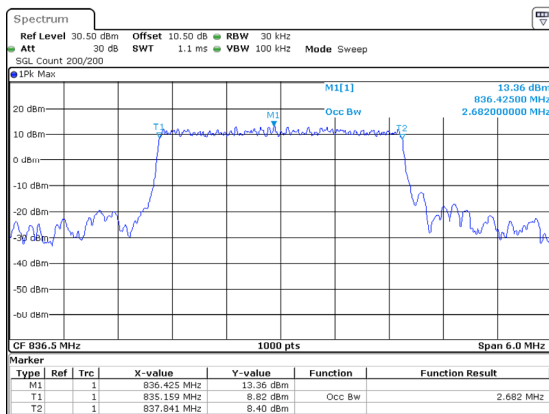
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:16:30

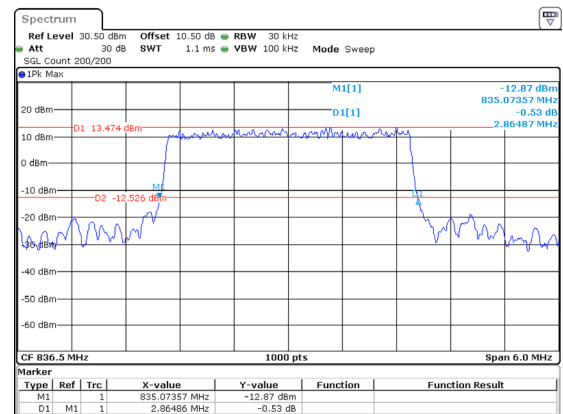
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:17:35

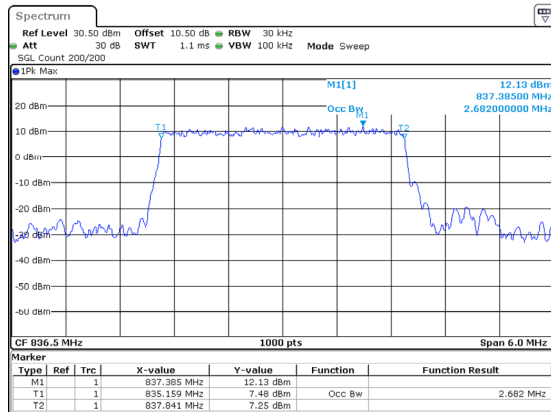
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:17:41

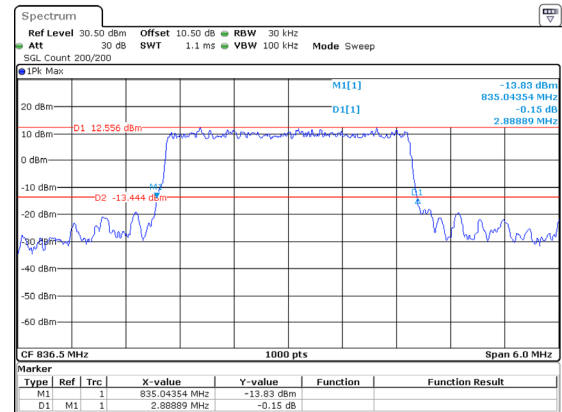
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:19:01

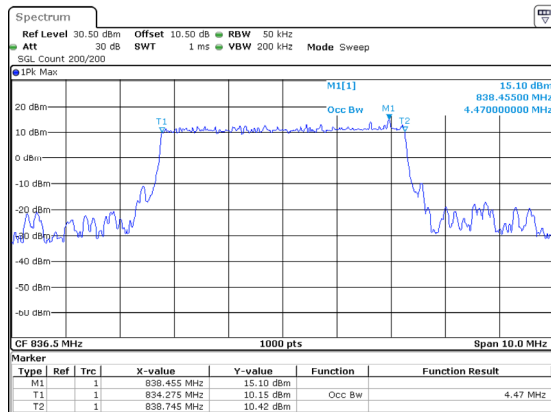
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:19:07

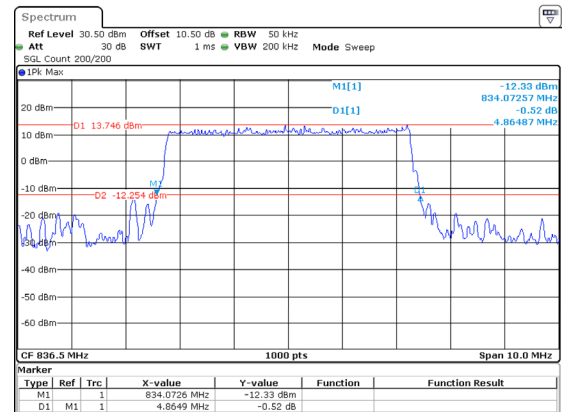
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:24:34

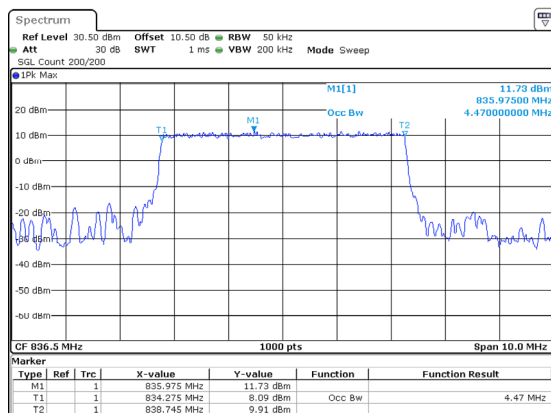
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:24:40

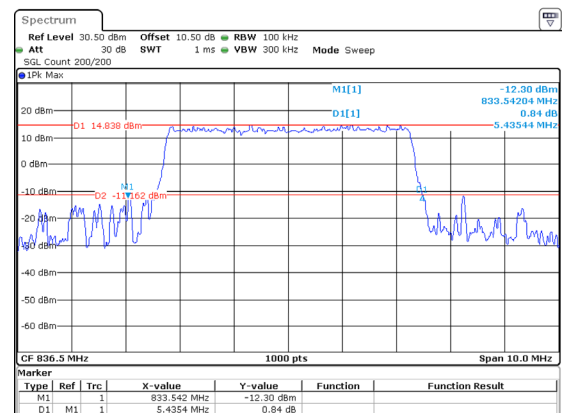
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:25:37

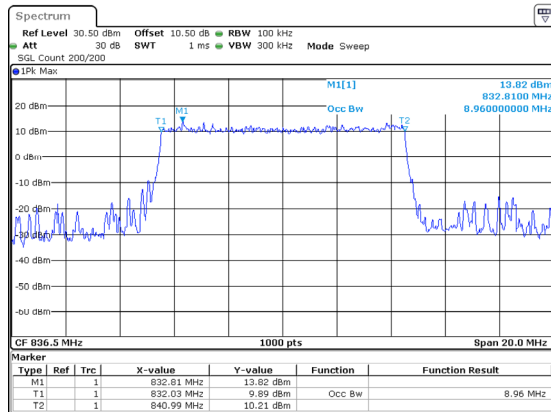
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:25:47

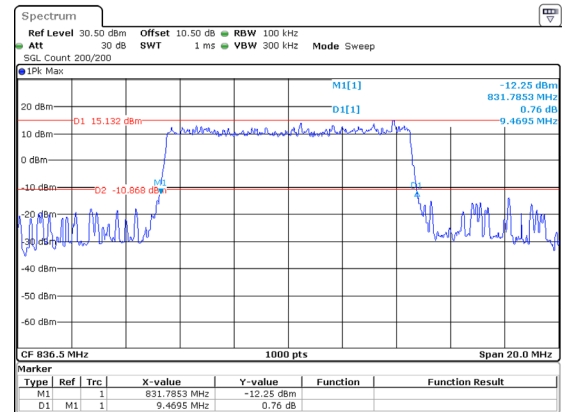
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:30:21

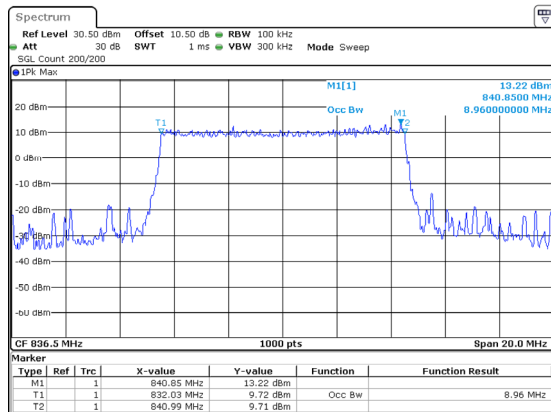
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:30:28

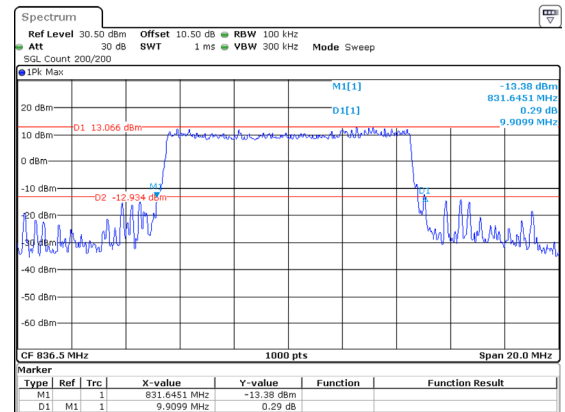
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:32:59

26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 13:33:06

FCC Part 24E

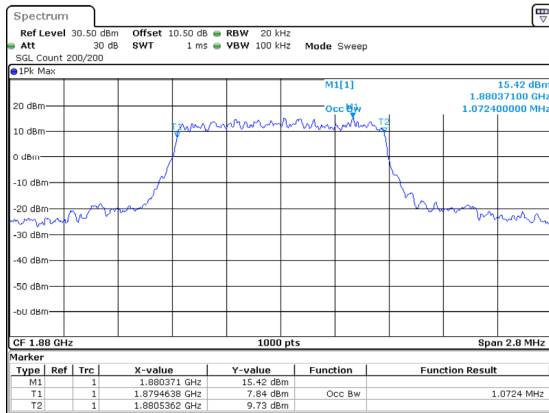
B2, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.072	1.259
1.4MHz_Middle_16QAM_6@0	1.095	1.309
3MHz_Middle_QPSK_15@0	2.676	2.919
3MHz_Middle_16QAM_15@0	2.676	2.865
5MHz_Middle_QPSK_25@0	4.470	4.785
5MHz_Middle_16QAM_25@0	4.470	4.795
10MHz_Middle_QPSK_50@0	8.940	9.630
10MHz_Middle_16QAM_50@0	8.940	9.590
15MHz_Middle_QPSK_75@0	13.410	14.475
15MHz_Middle_16QAM_75@0	13.410	14.264
20MHz_Middle_QPSK_100@0	17.840	18.819
20MHz_Middle_16QAM_100@0	17.880	18.899

B2 , Normal

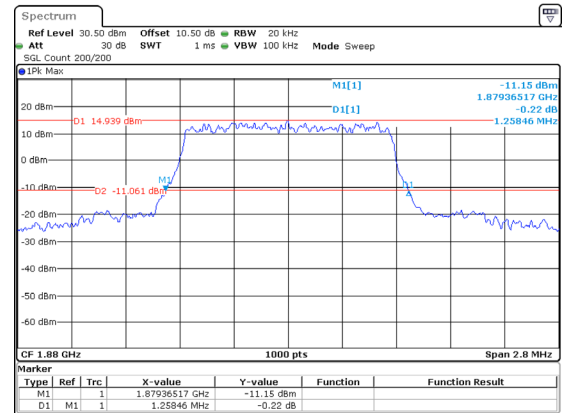
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 8.FEB.2025 13:50:37

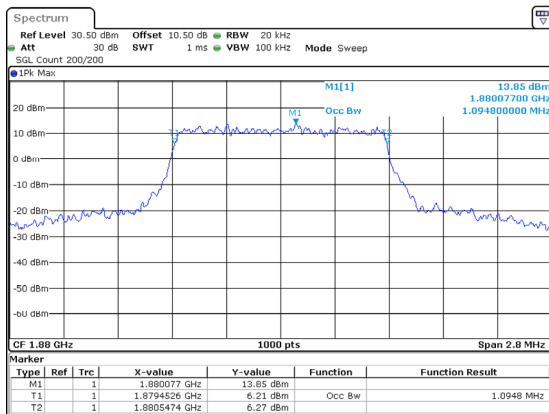
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 8.FEB.2025 13:50:42

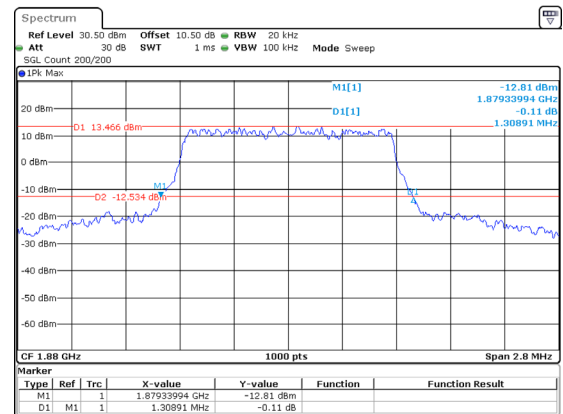
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 8.FEB.2025 13:51:05

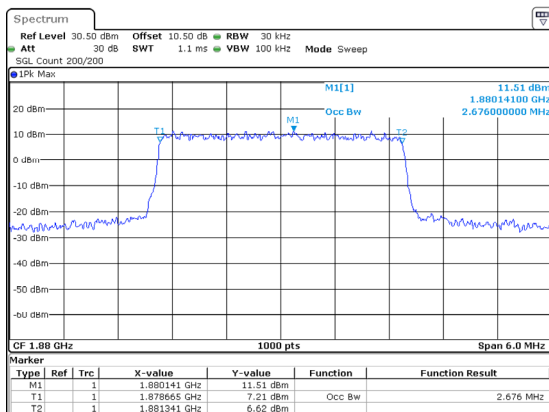
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 8.FEB.2025 13:51:10

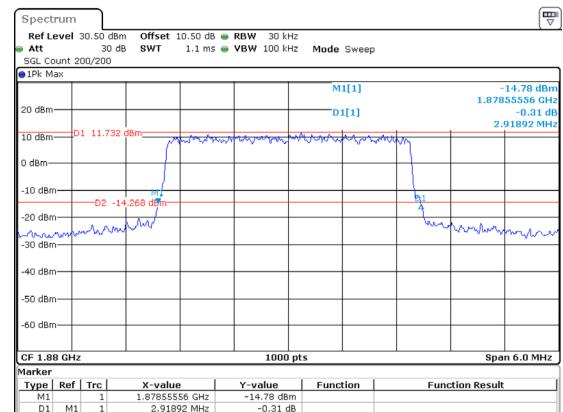
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:22:43

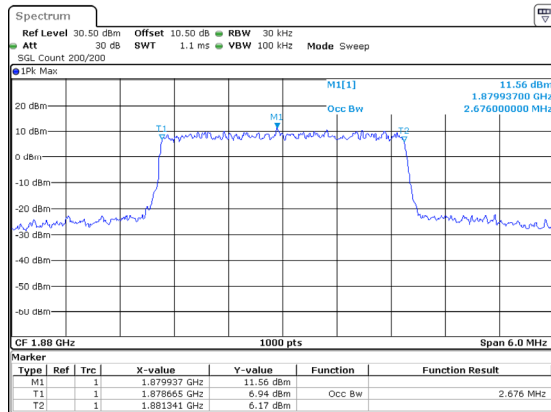
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:22:49

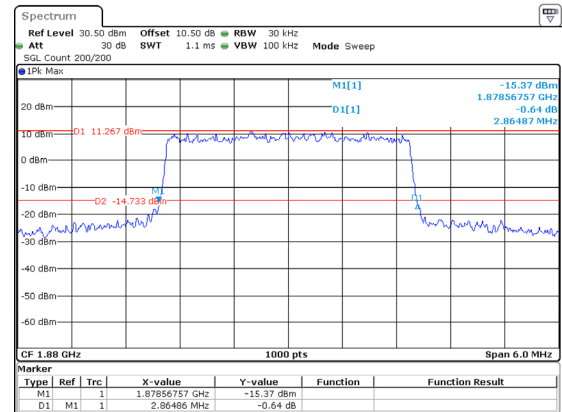
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:23:03

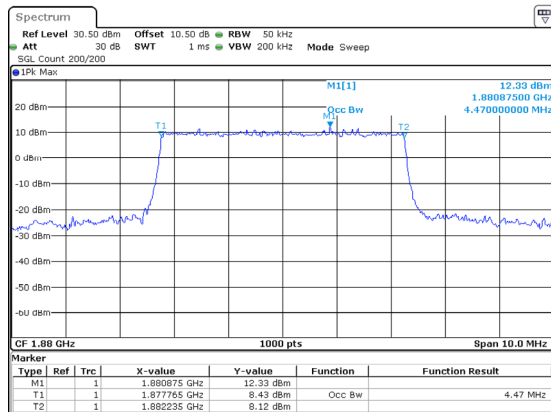
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:23:09

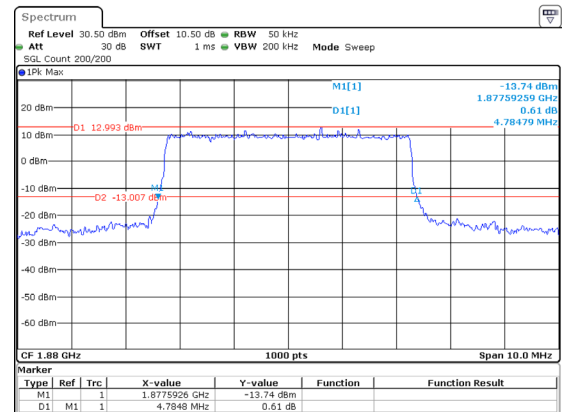
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:25:25

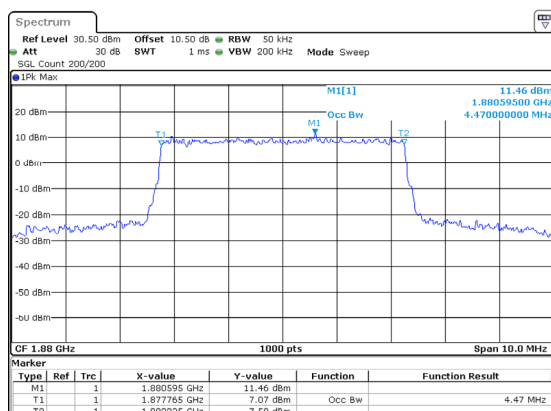
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:25:30

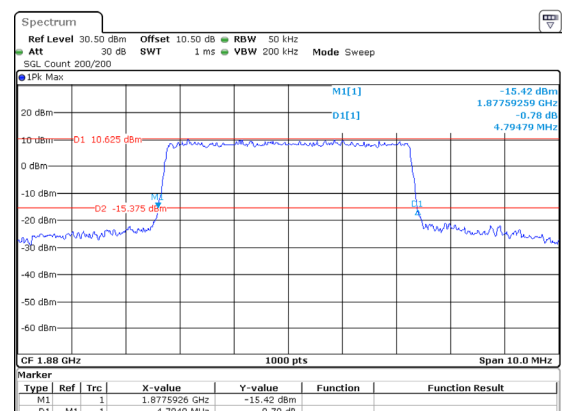
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:25:44

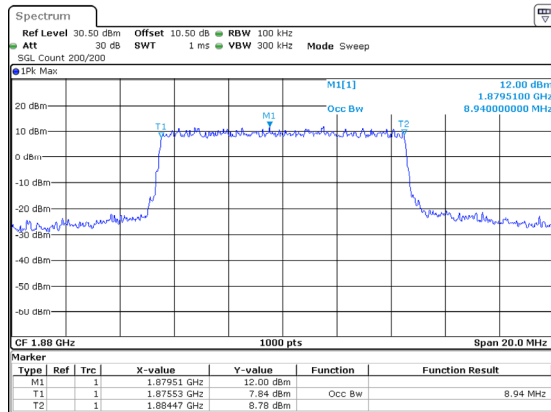
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:25:49

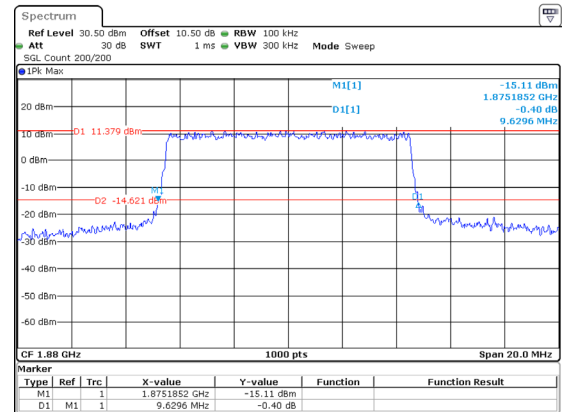
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:28:23

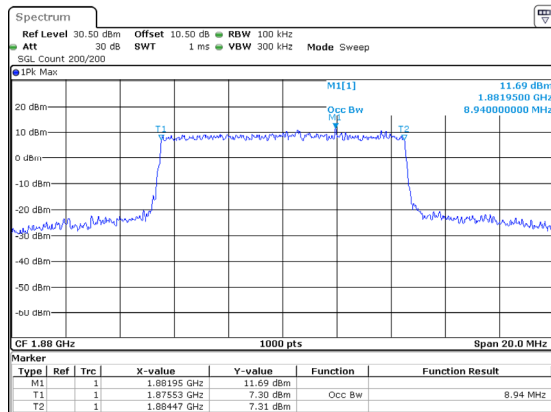
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:28:31

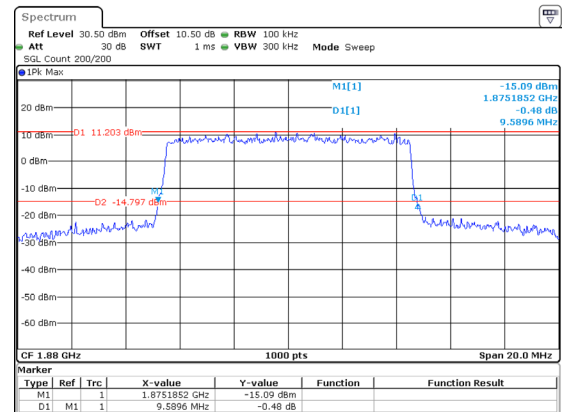
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:28:49

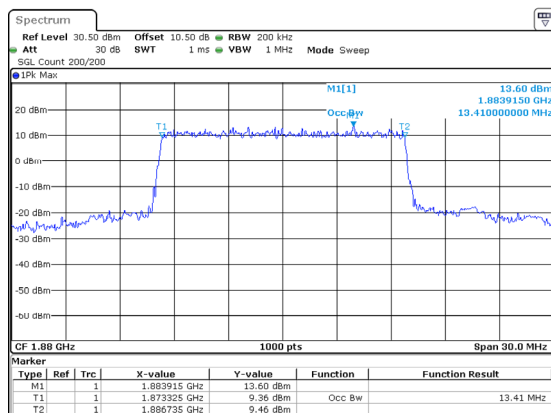
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:28:56

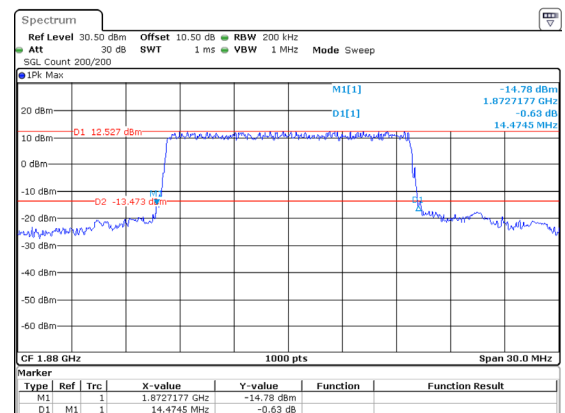
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:47:23

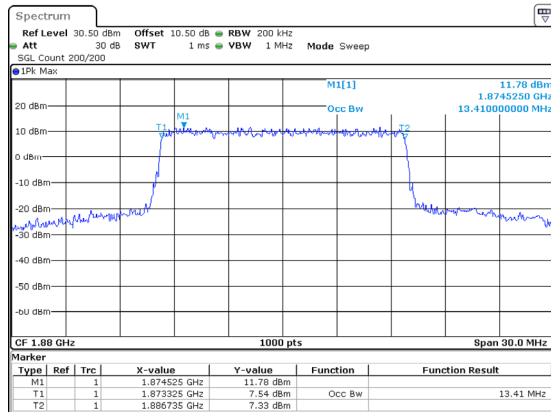
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:47:31

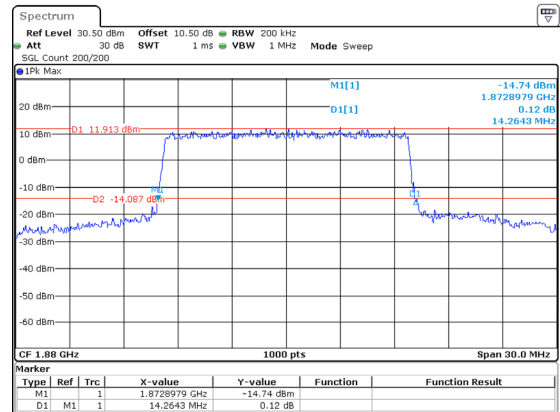
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:51:28

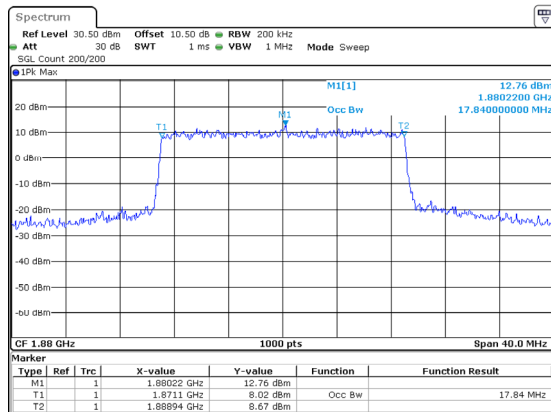
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:51:36

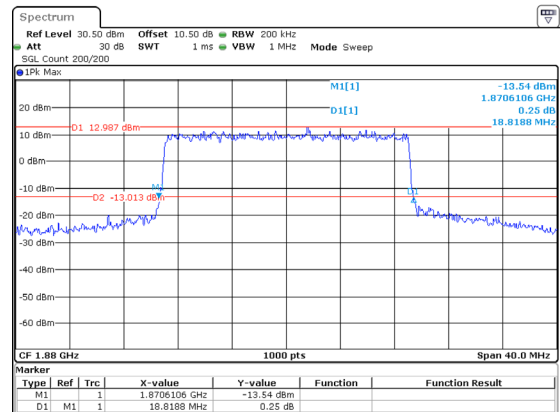
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:52:44

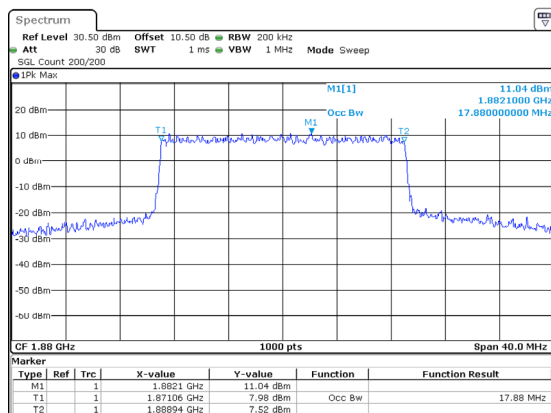
26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:52:52

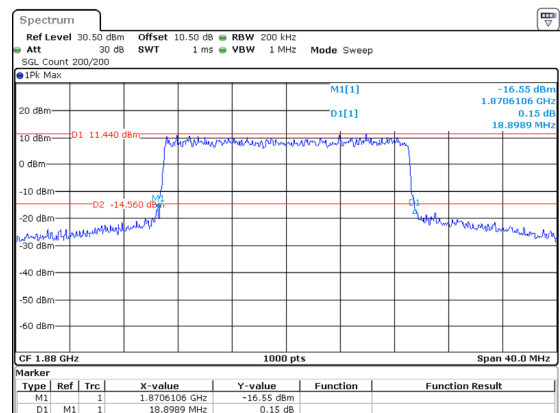
20MHz_Middle_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:54:51

26dB Bandwidth



ProjectNo.:2401Z105021E-RF Tester:Leo Lin
Date: 30.DEC.2024 11:54:59

FCC Part 27

B4, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.084	1.259
1.4MHz_Middle_16QAM_6@0	1.084	1.292
3MHz_Middle_QPSK_15@0	2.676	2.889
3MHz_Middle_16QAM_15@0	2.682	2.871
5MHz_Middle_QPSK_25@0	4.470	4.845
5MHz_Middle_16QAM_25@0	4.480	4.885
10MHz_Middle_QPSK_50@0	8.900	9.530
10MHz_Middle_16QAM_50@0	8.920	9.530
15MHz_Middle_QPSK_75@0	13.440	14.475
15MHz_Middle_16QAM_75@0	13.410	14.444
20MHz_Middle_QPSK_100@0	17.800	18.979
20MHz_Middle_16QAM_100@0	17.840	18.739

B38, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.470	4.765
5MHz_Middle_16QAM_25@0	4.460	4.805
10MHz_Middle_QPSK_50@0	8.920	9.510
10MHz_Middle_16QAM_50@0	8.980	9.470
15MHz_Middle_QPSK_75@0	13.440	14.535
15MHz_Middle_16QAM_75@0	13.440	14.264
20MHz_Middle_QPSK_100@0	17.840	18.939
20MHz_Middle_16QAM_100@0	17.840	18.739

B7, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.480	4.835
5MHz_Middle_16QAM_25@0	4.470	4.825
10MHz_Middle_QPSK_50@0	8.960	9.510
10MHz_Middle_16QAM_50@0	8.960	9.610
15MHz_Middle_QPSK_75@0	13.410	14.324
15MHz_Middle_16QAM_75@0	13.410	14.384
20MHz_Middle_QPSK_100@0	17.840	18.739
20MHz_Middle_16QAM_100@0	17.840	18.939

B41, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.460	4.835
5MHz_Middle_16QAM_25@0	4.440	4.735
10MHz_Middle_QPSK_50@0	8.960	9.490
10MHz_Middle_16QAM_50@0	8.940	9.449
15MHz_Middle_QPSK_75@0	13.410	14.535
15MHz_Middle_16QAM_75@0	13.440	14.294
20MHz_Middle_QPSK_100@0	17.880	19.299
20MHz_Middle_16QAM_100@0	17.880	18.739