

Appendix H4

Test Information:

Sample No.:	2PIE-5	Test Date:	2025/01/21~2025/01/22
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Lin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	22.4~23.5	Relative Humidity: (%)	33~42	ATM Pressure: (kPa)	101.2
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Occupied Bandwidth

FCC Part 27

B4, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.078	1.244
1.4MHz_Middle_16QAM_6@0	1.081	1.287
3MHz_Middle_QPSK_15@0	2.676	2.859
3MHz_Middle_16QAM_15@0	2.688	2.871
5MHz_Middle_QPSK_25@0	4.480	4.835
5MHz_Middle_16QAM_25@0	4.470	4.835
10MHz_Middle_QPSK_50@0	8.920	9.510
10MHz_Middle_16QAM_50@0	8.960	9.610
15MHz_Middle_QPSK_75@0	13.410	14.475
15MHz_Middle_16QAM_75@0	13.440	14.505
20MHz_Middle_QPSK_100@0	17.840	18.819
20MHz_Middle_16QAM_100@0	17.880	18.899

B12, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
03031.4MHz_Middle_QPSK_6@0	1.086	1.273
1.4MHz_Middle_16QAM_6@0	1.081	1.264
3MHz_Middle_QPSK_15@0	2.676	2.865
3MHz_Middle_16QAM_15@0	2.676	2.859
5MHz_Middle_QPSK_25@0	4.480	4.985
5MHz_Middle_16QAM_25@0	4.470	4.945
10MHz_Middle_QPSK_50@0	8.920	9.690
10MHz_Middle_16QAM_50@0	8.920	9.630

B17, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.490	5.025
5MHz_Middle_16QAM_25@0	4.480	4.955
10MHz_Middle_QPSK_50@0	8.940	9.710
10MHz_Middle_16QAM_50@0	8.980	9.850

B38, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.470	4.765
5MHz_Middle_16QAM_25@0	4.470	4.775
10MHz_Middle_QPSK_50@0	8.960	9.429
10MHz_Middle_16QAM_50@0	8.940	9.470
15MHz_Middle_QPSK_75@0	13.440	14.384
15MHz_Middle_16QAM_75@0	13.380	14.354
20MHz_Middle_QPSK_100@0	17.880	18.739
20MHz_Middle_16QAM_100@0	17.880	18.739

B66, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.081	1.278
1.4MHz_Middle_16QAM_6@0	1.084	1.259
3MHz_Middle_QPSK_15@0	2.682	2.859
3MHz_Middle_16QAM_15@0	2.688	2.871
5MHz_Middle_QPSK_25@0	4.470	4.935
5MHz_Middle_16QAM_25@0	4.470	5.115
10MHz_Middle_QPSK_50@0	8.960	9.690
10MHz_Middle_16QAM_50@0	8.960	9.750
15MHz_Middle_QPSK_75@0	13.470	14.685
15MHz_Middle_16QAM_75@0	13.470	14.565
20MHz_Middle_QPSK_100@0	17.920	19.259
20MHz_Middle_16QAM_100@0	17.880	19.219

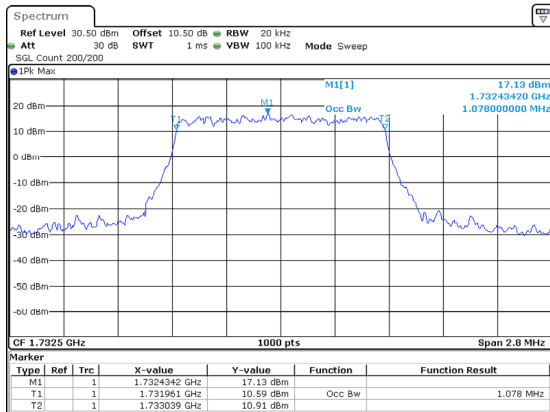
B7, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.480	4.815
5MHz_Middle_16QAM_25@0	4.460	4.835
10MHz_Middle_QPSK_50@0	8.920	9.530
10MHz_Middle_16QAM_50@0	8.940	9.550
15MHz_Middle_QPSK_75@0	13.440	14.264
15MHz_Middle_16QAM_75@0	13.440	14.444
20MHz_Middle_QPSK_100@0	17.880	19.219
20MHz_Middle_16QAM_100@0	17.880	18.899

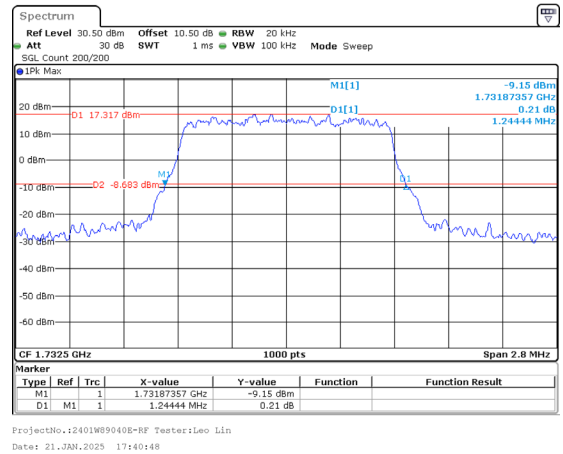
B4, Normal

1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth

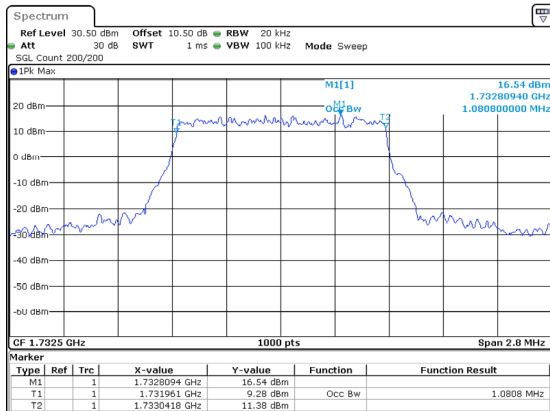


26dB Bandwidth

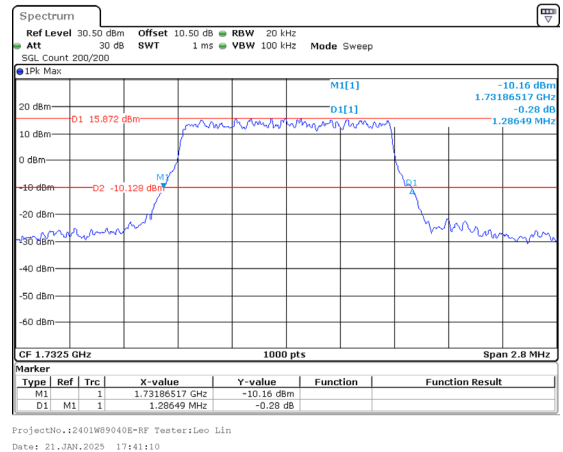


1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

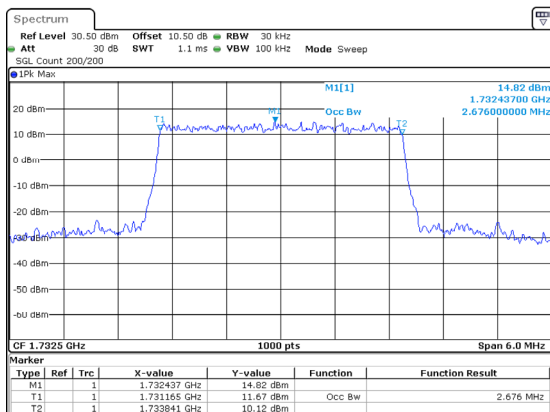


26dB Bandwidth

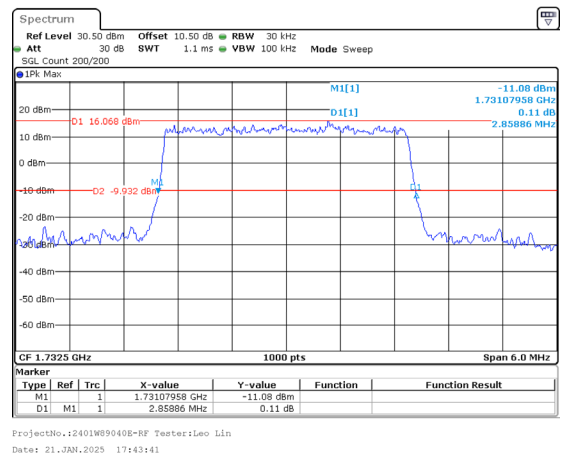


3MHz_Middle_QPSK_15@0

Occupied Bandwidth

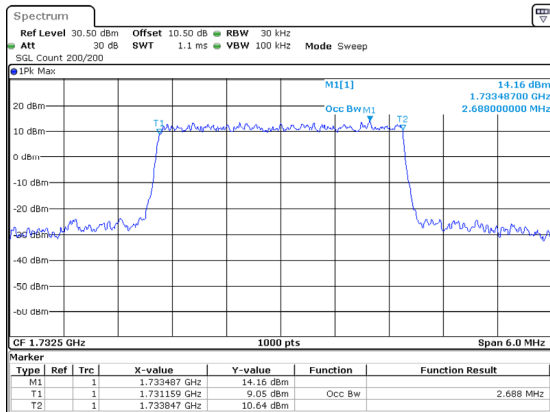


26dB Bandwidth



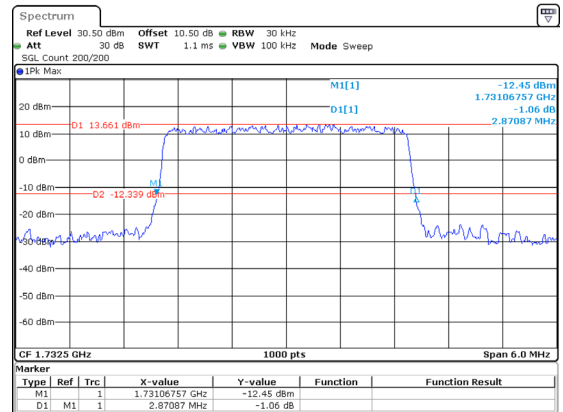
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:43:57

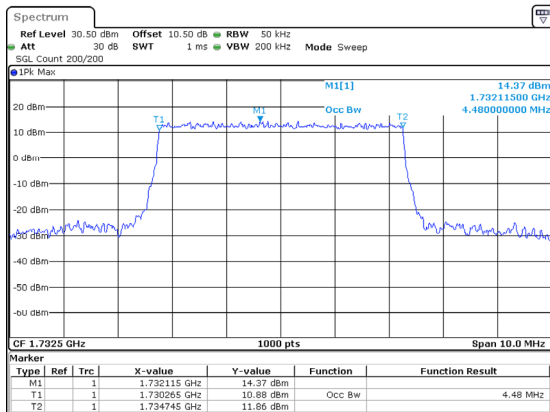
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:44:03

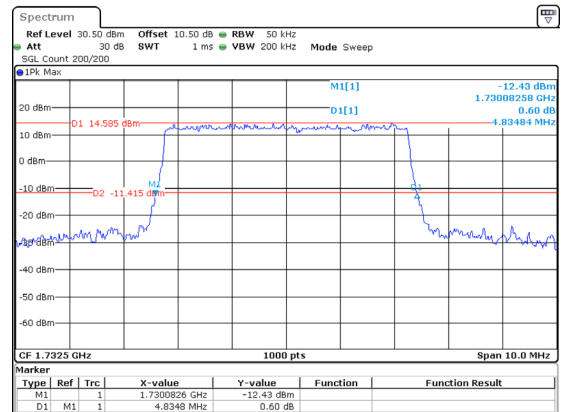
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:50:05

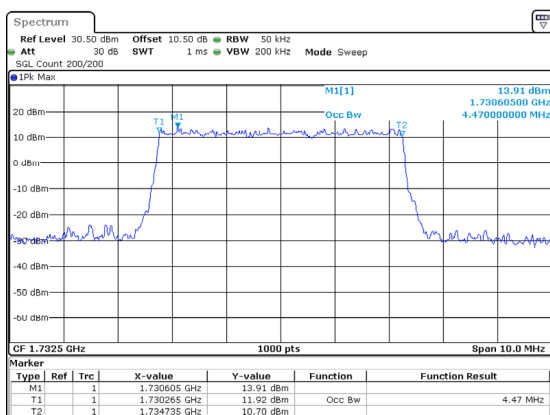
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:50:12

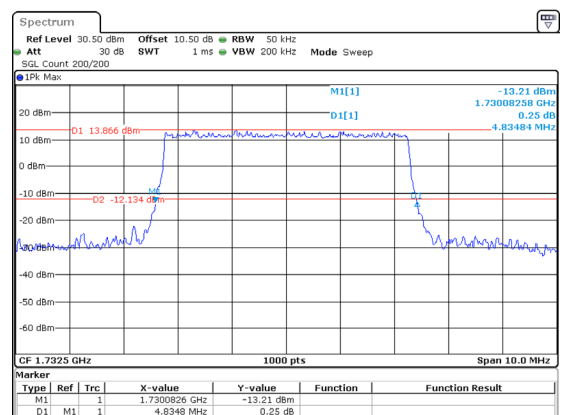
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:50:26

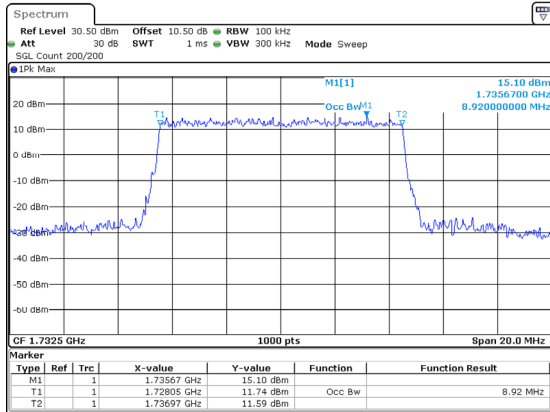
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:50:32

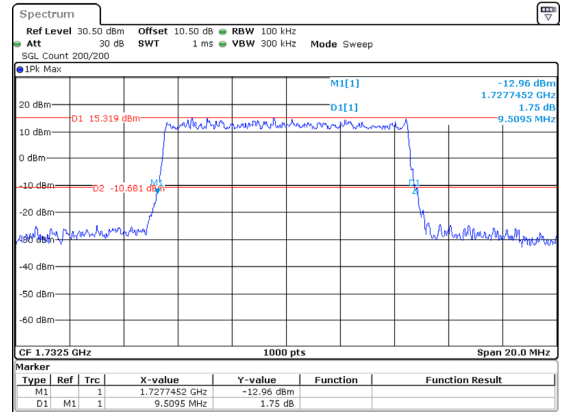
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:52:38

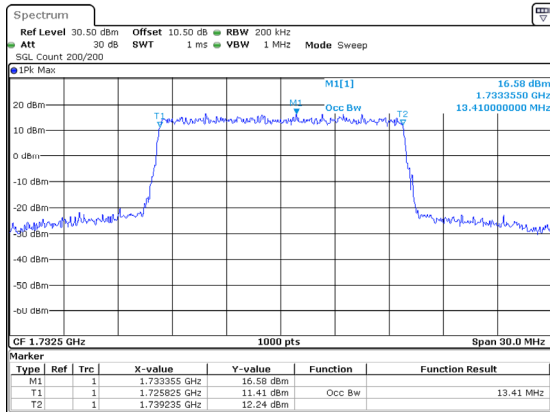
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:52:46

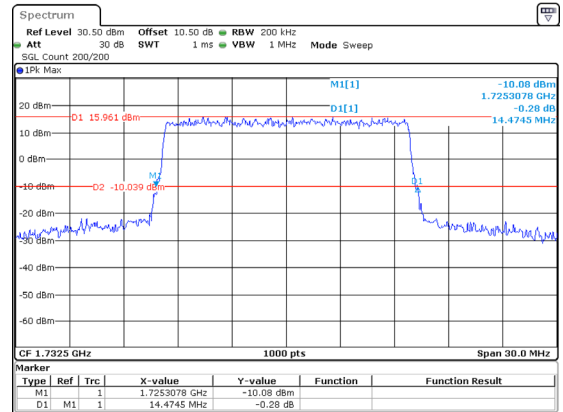
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:55:49

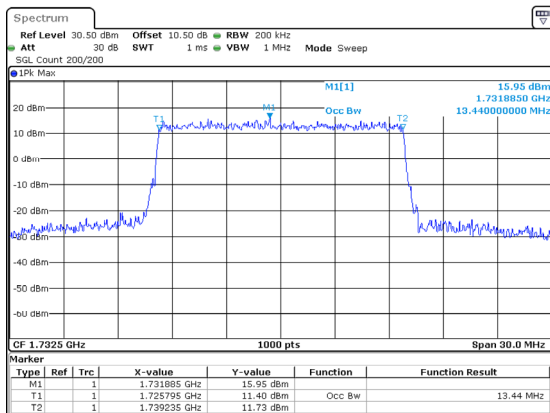
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:56:02

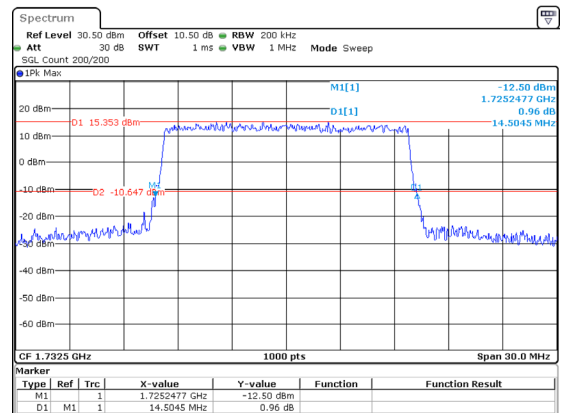
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:56:22

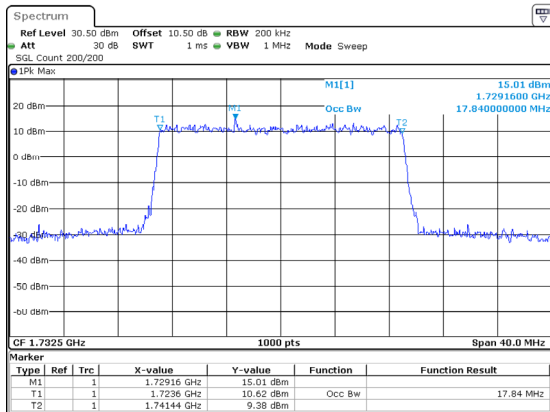
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 21.JAN.2025 17:56:31

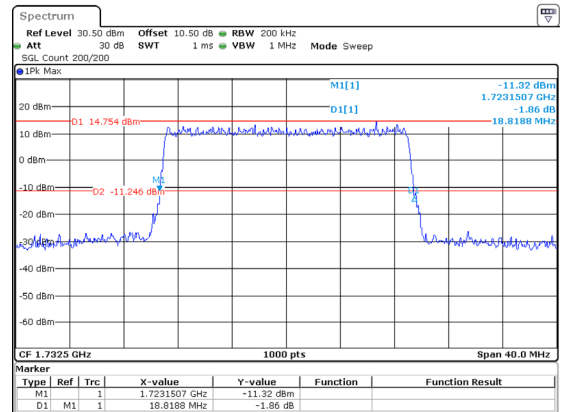
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:30:36

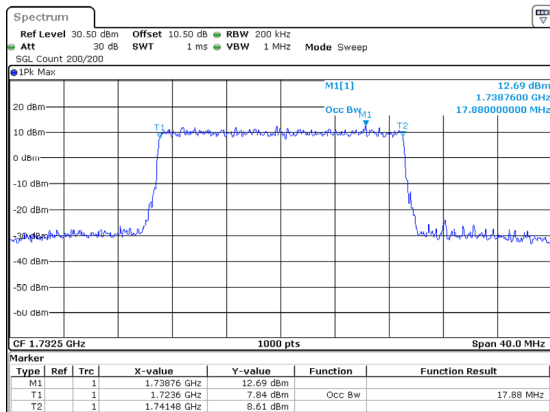
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:30:46

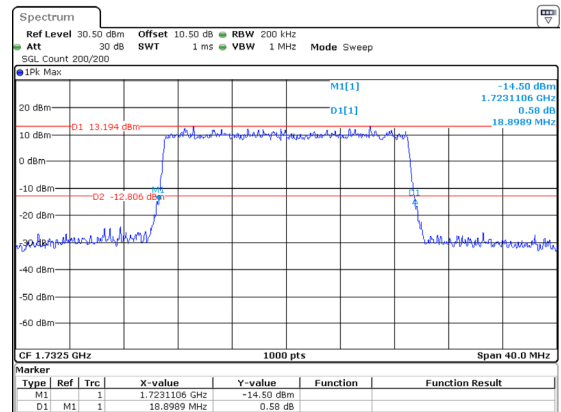
20MHz_Middle_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:31:06

26dB Bandwidth

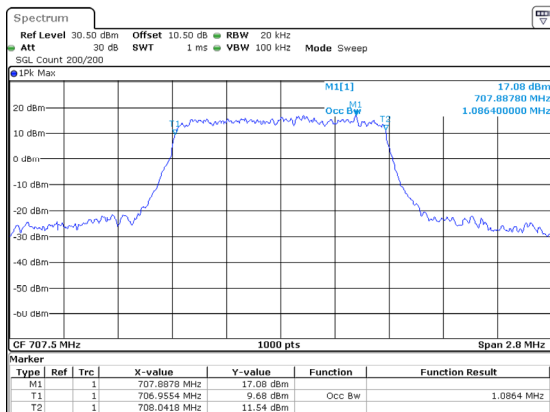


ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:31:15

B12, Normal

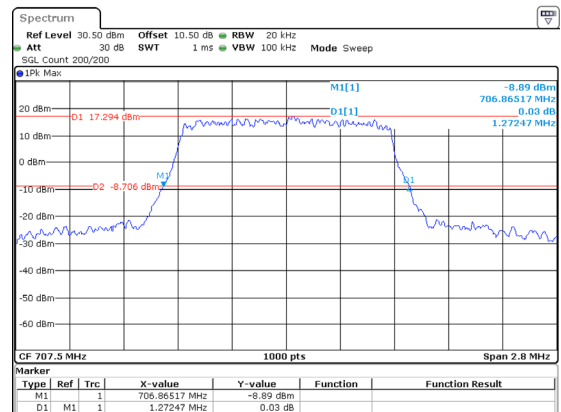
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:41:22

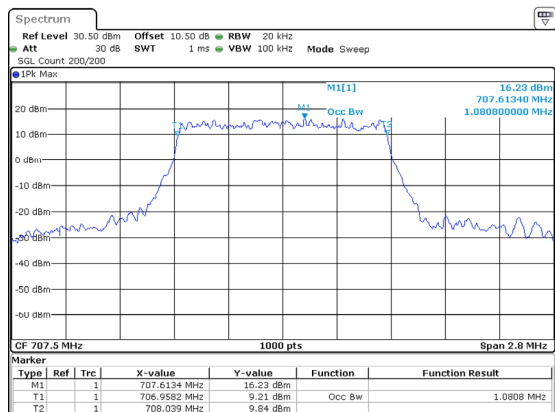
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:41:29

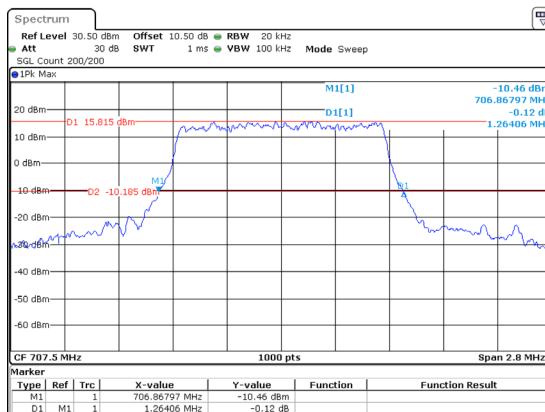
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:41:45

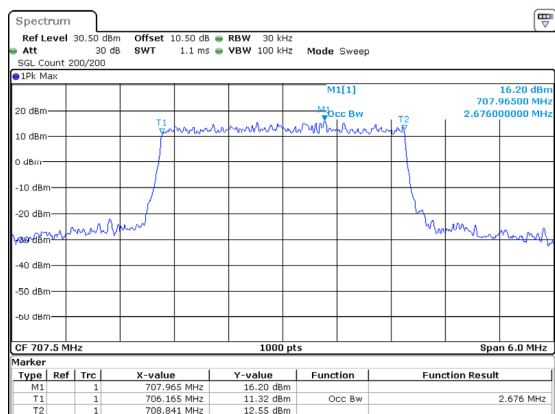
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:41:51

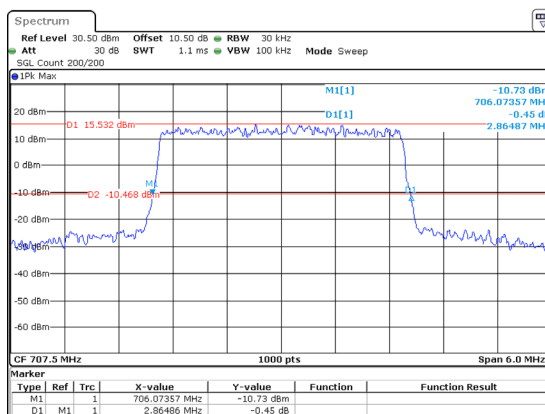
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:43:53

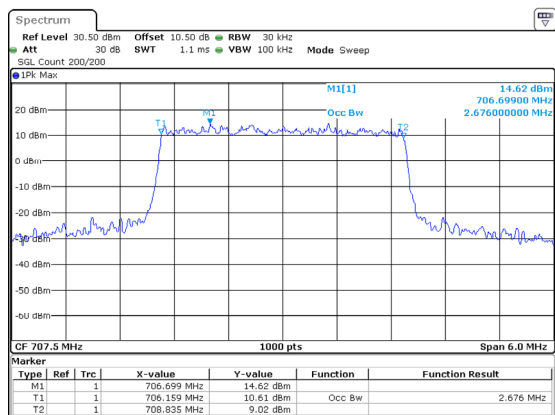
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:43:59

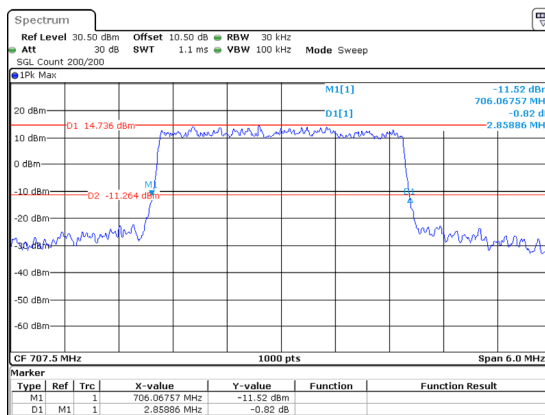
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:44:13

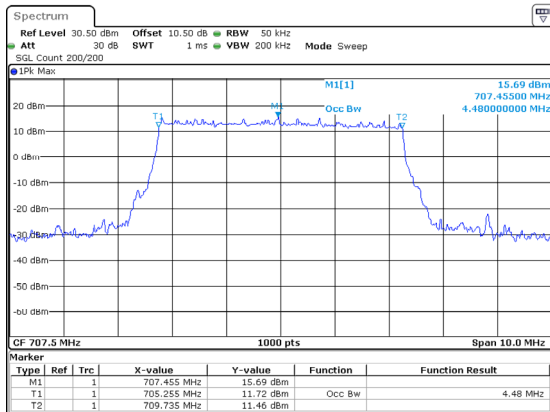
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:44:19

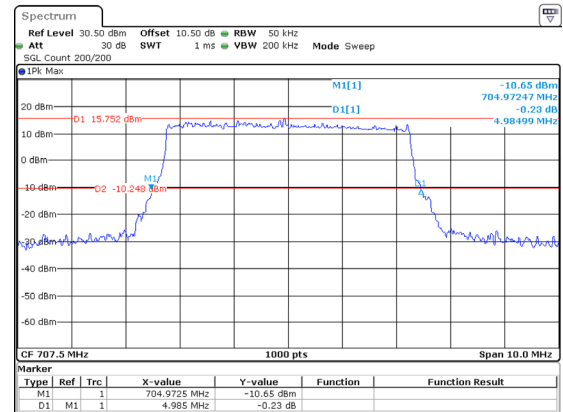
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:46:22

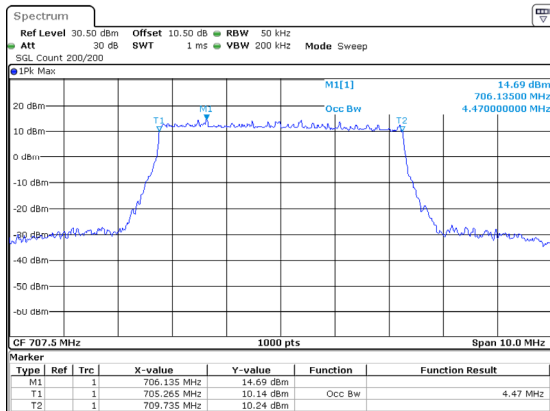
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:46:28

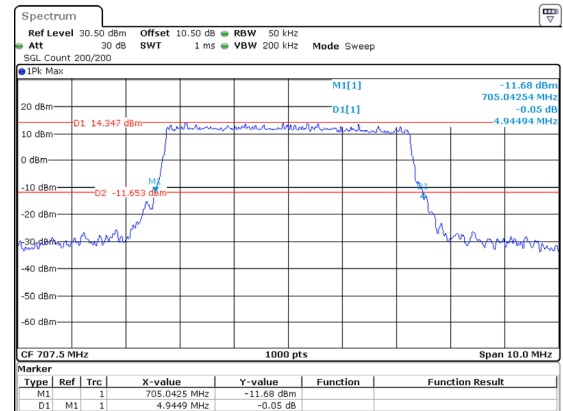
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:46:42

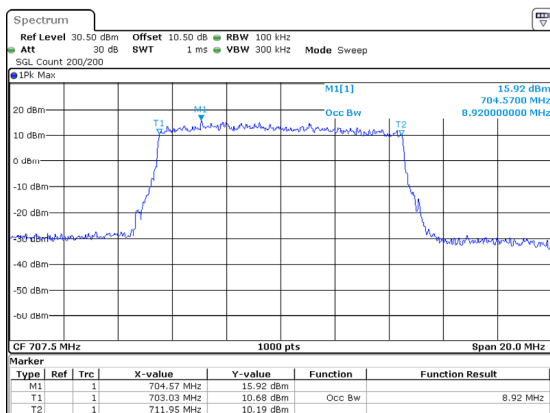
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:46:49

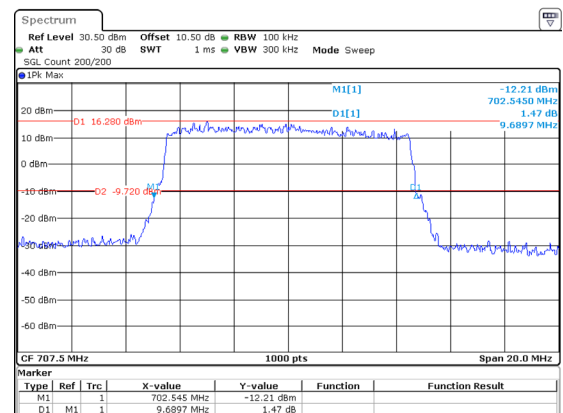
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:49:17

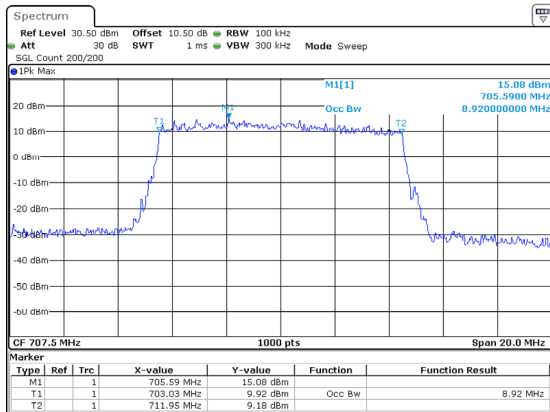
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:49:24

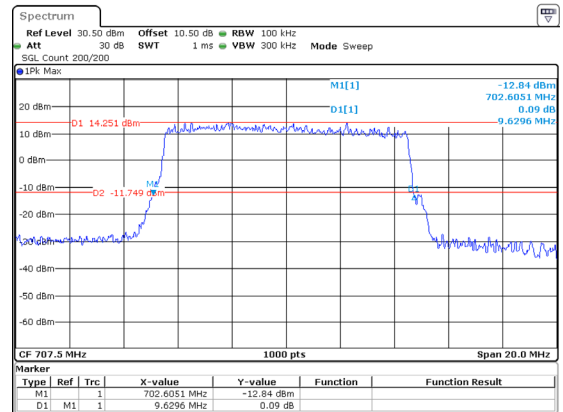
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:49:41

26dB Bandwidth

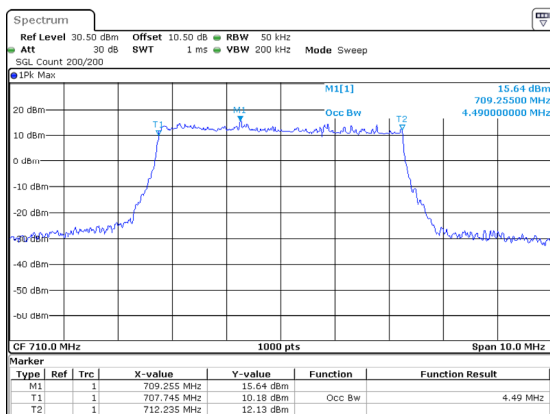


ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:49:49

B17, Normal

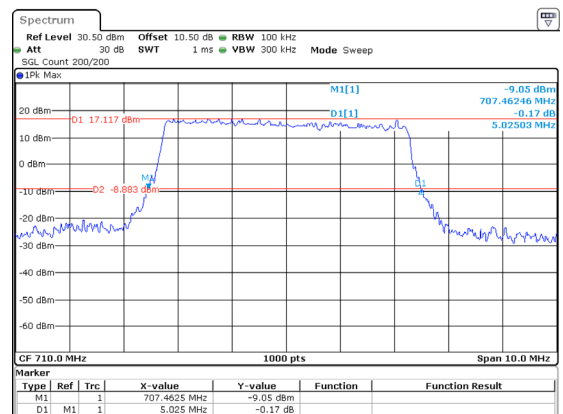
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:57:15

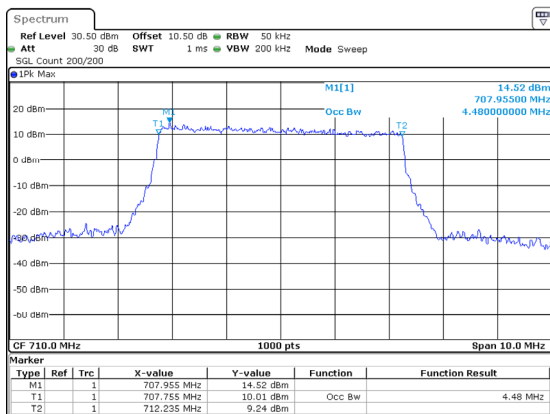
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:57:25

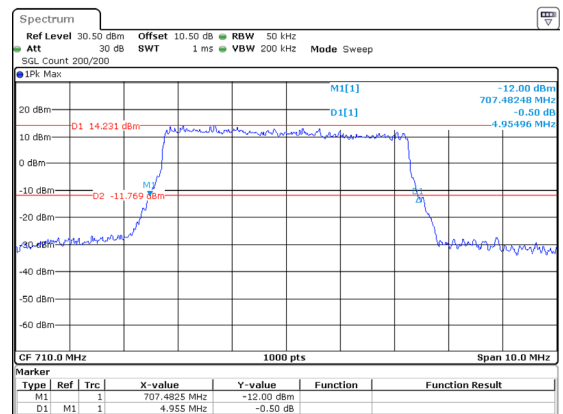
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:57:40

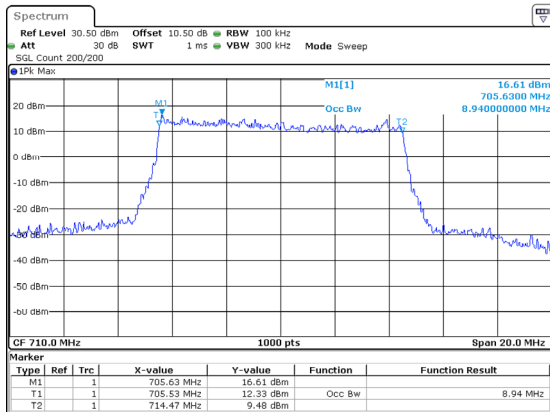
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 09:57:47

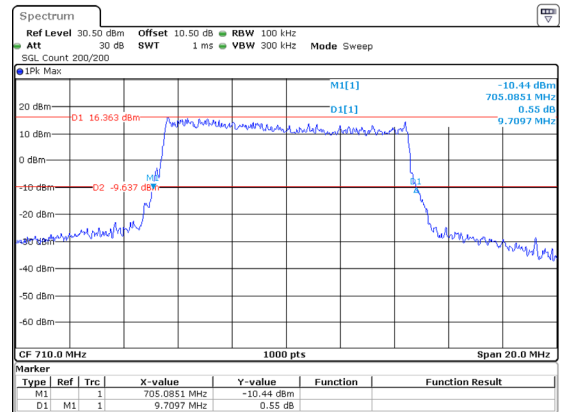
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:00:17

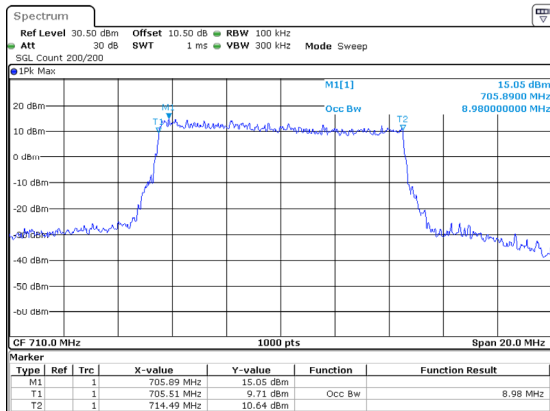
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
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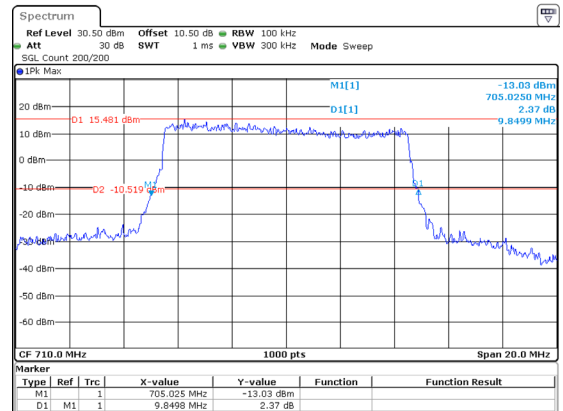
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:00:42

26dB Bandwidth

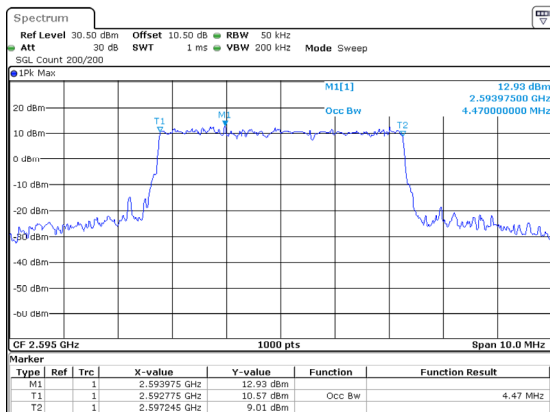


ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:00:50

B38, Normal

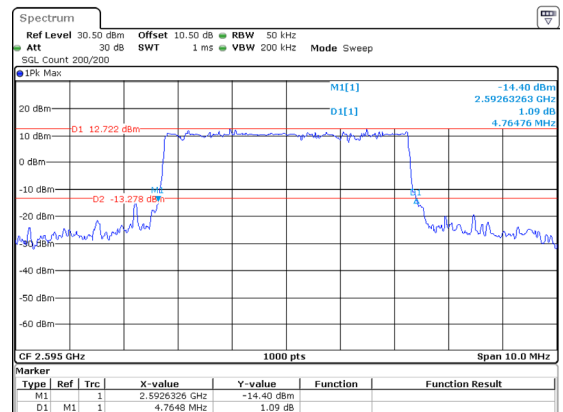
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:03:16

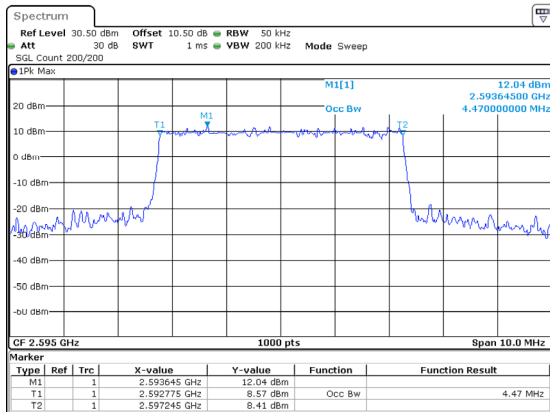
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:03:23

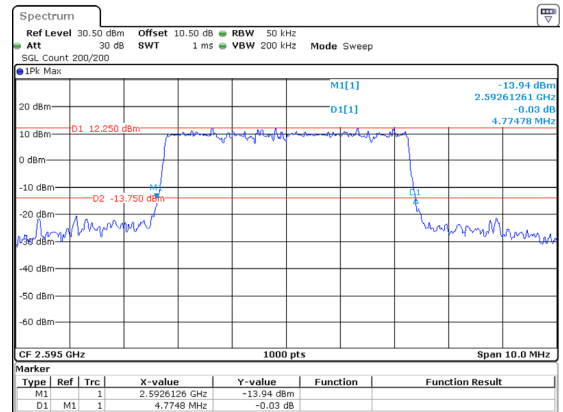
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:03:38

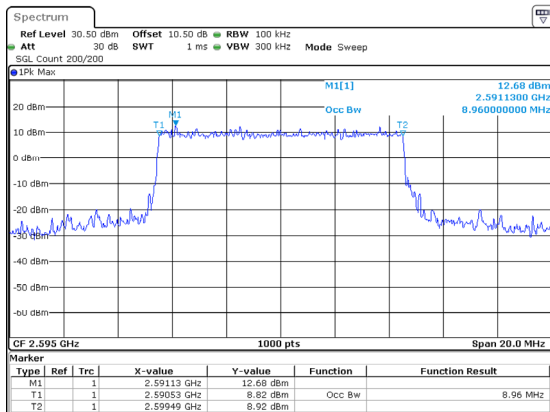
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:03:45

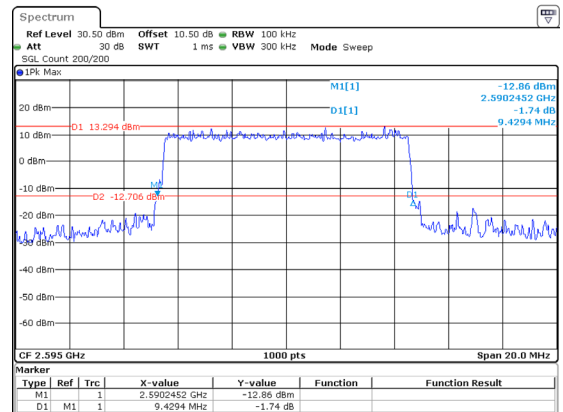
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:06:41

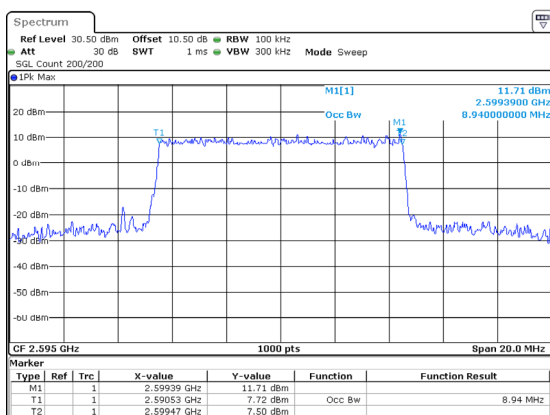
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:06:48

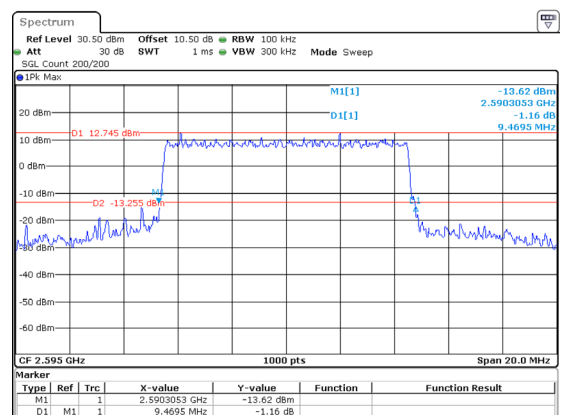
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:07:05

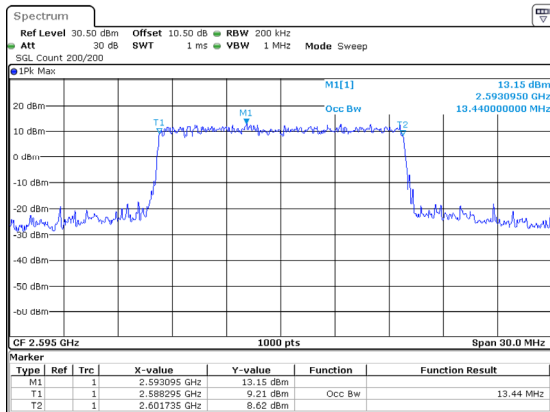
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:07:12

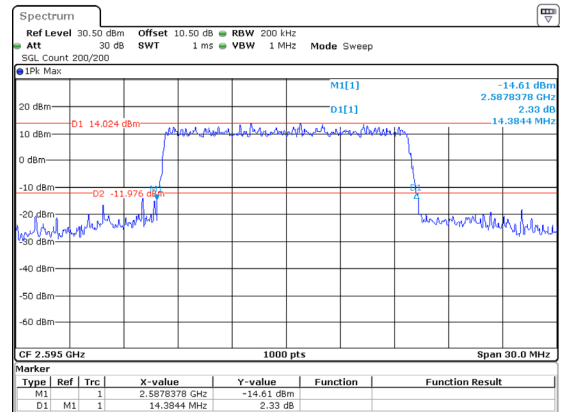
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:10:08

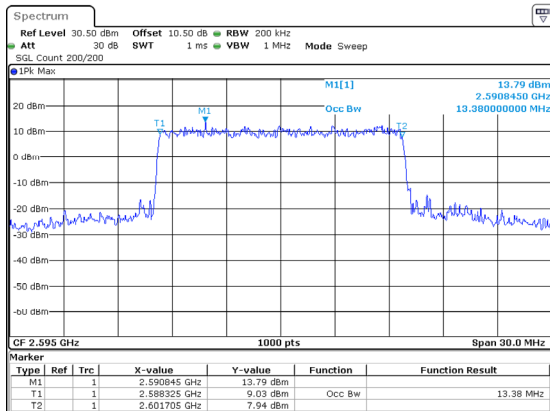
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:10:16

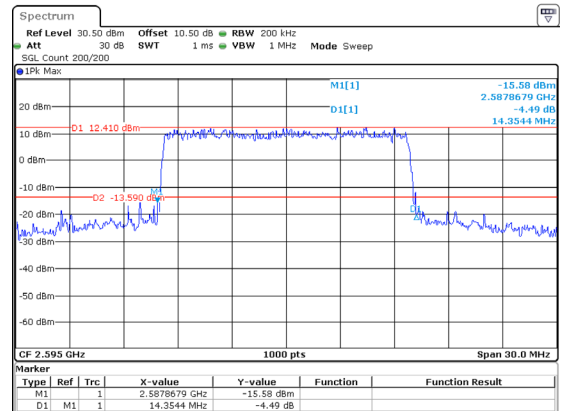
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:10:37

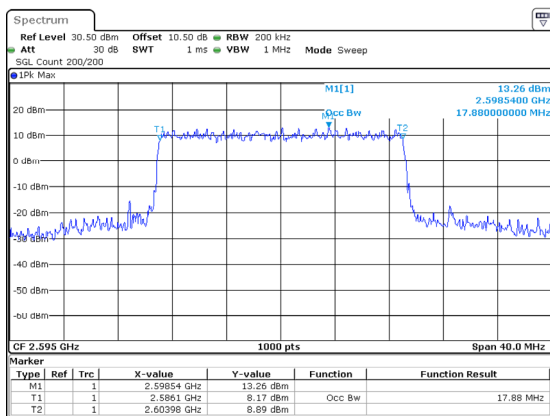
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:10:45

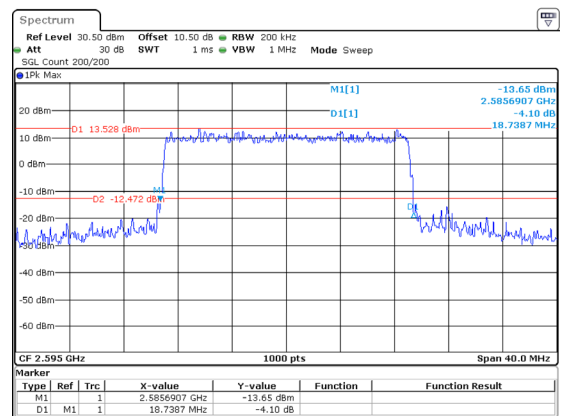
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:13:53

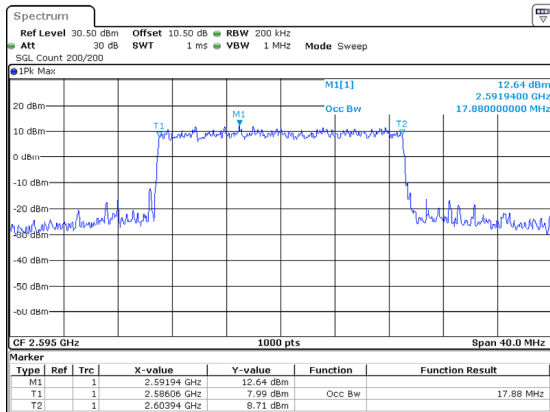
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:14:02

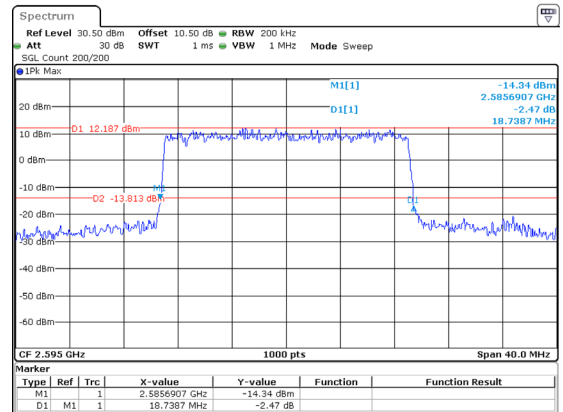
20MHz_Middle_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:14:23

26dB Bandwidth

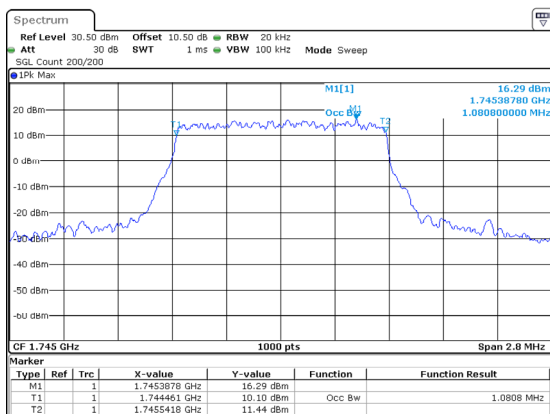


ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:14:32

B66, Normal

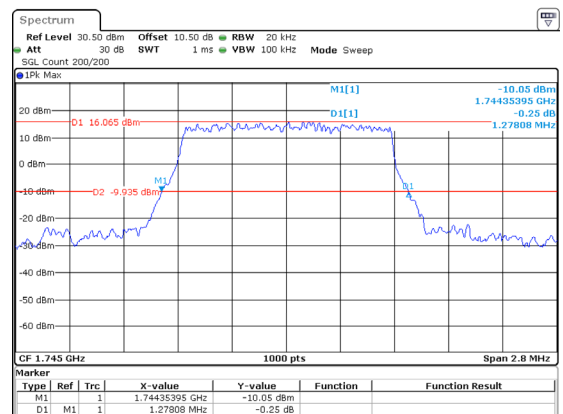
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:37:28

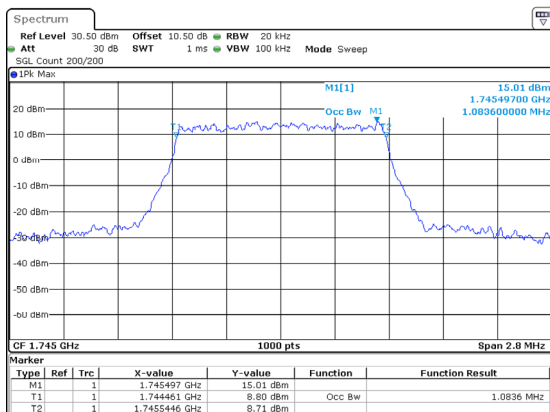
26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:37:33

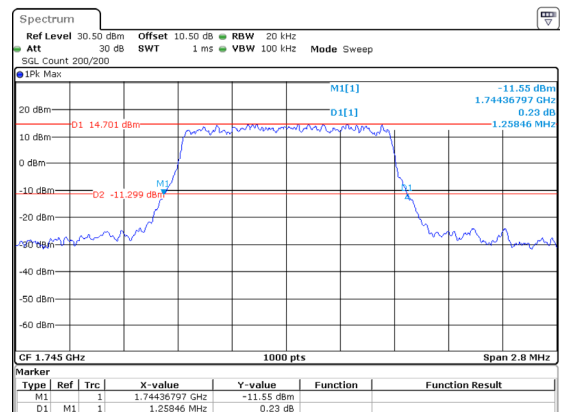
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:17:55

26dB Bandwidth



ProjectNo.:2401W89040E-RF Tester:Leo Lin
Date: 22.JAN.2025 10:18:01