

Appendix F-4G Occupied Bandwidth

Test Information:

Sample No.:	2UIA-7	Test Date:	2024/12/08~2025/02/06
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	24.7-26	Relative Humidity: (%)	36-40	ATM Pressure: (kPa)	101
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Occupied Bandwidth

FCC Part 22H

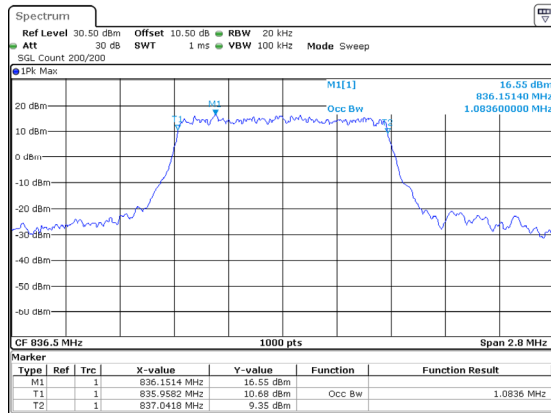
B5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.084	1.256
1.4MHz_Middle_16QAM_6@0	1.084	1.261
3MHz_Middle_QPSK_15@0	2.676	2.871
3MHz_Middle_16QAM_15@0	2.676	2.871
5MHz_Middle_QPSK_25@0	4.470	5.235
5MHz_Middle_16QAM_25@0	4.480	5.085
10MHz_Middle_QPSK_50@0	8.960	9.690
10MHz_Middle_16QAM_50@0	8.960	9.690

B5, Normal

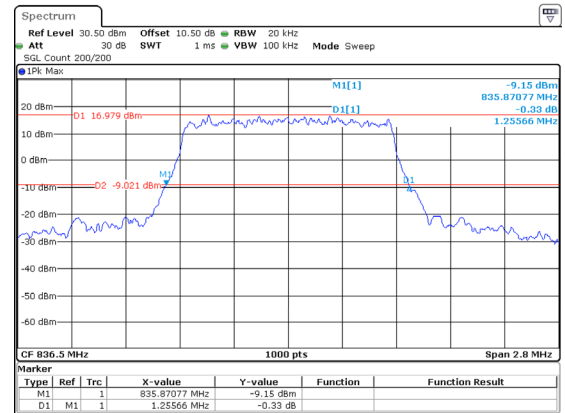
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:47:33

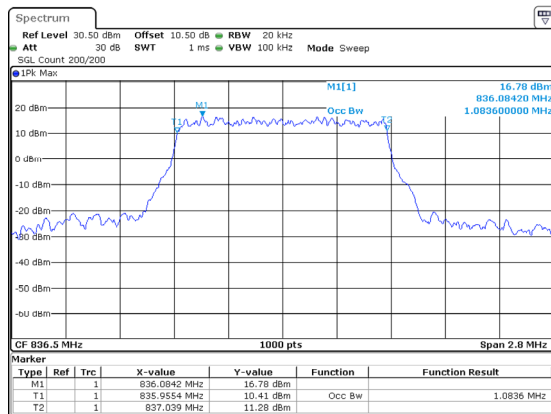
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:47:44

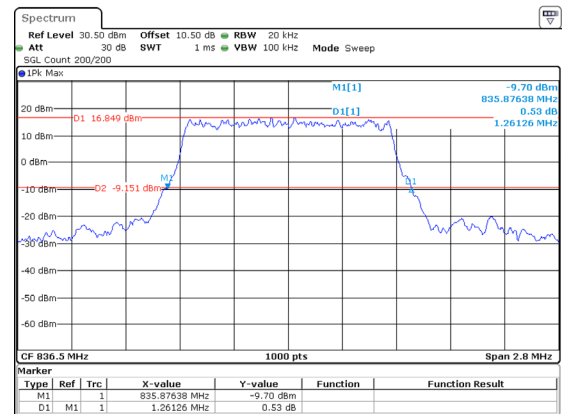
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:48:22

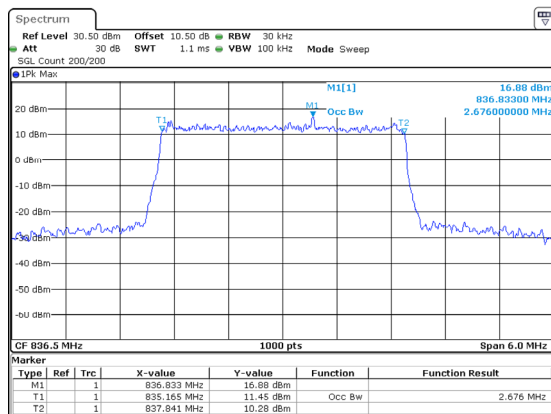
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:48:33

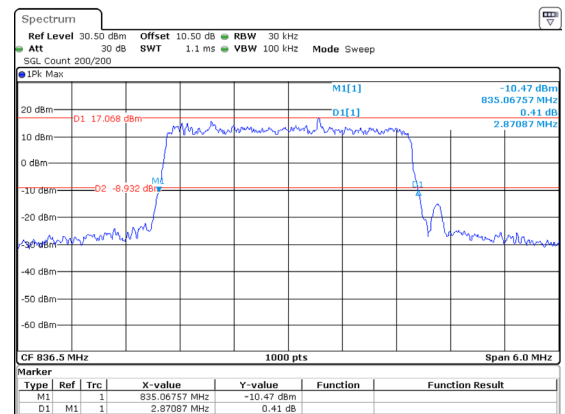
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:52:49

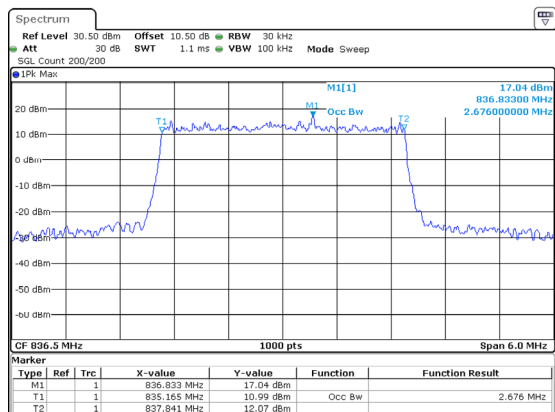
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:53:01

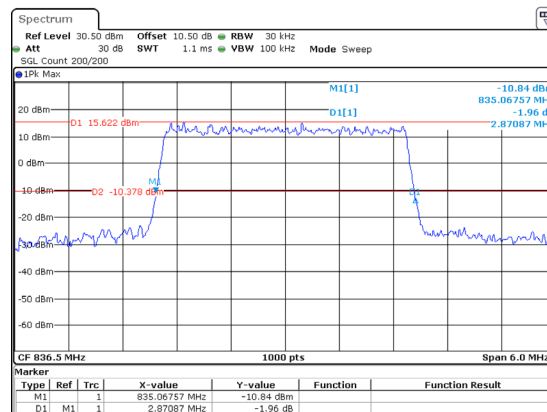
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:53:27

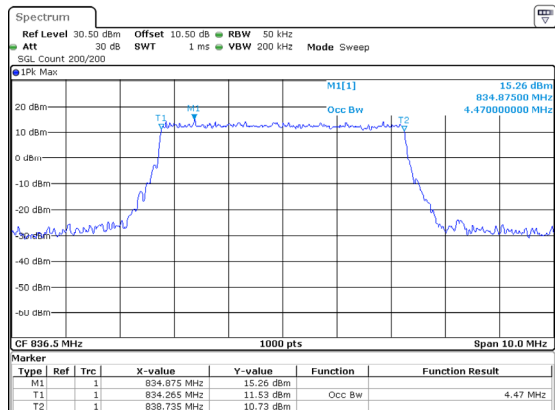
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:53:39

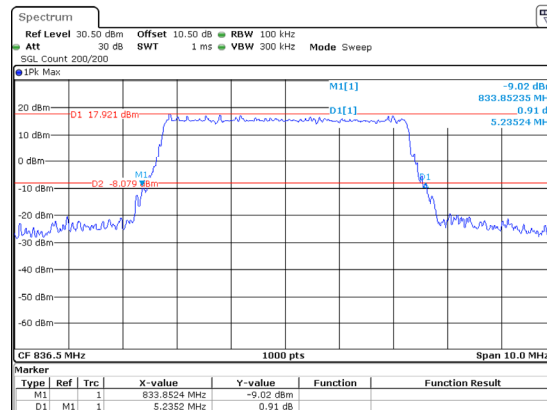
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:57:29

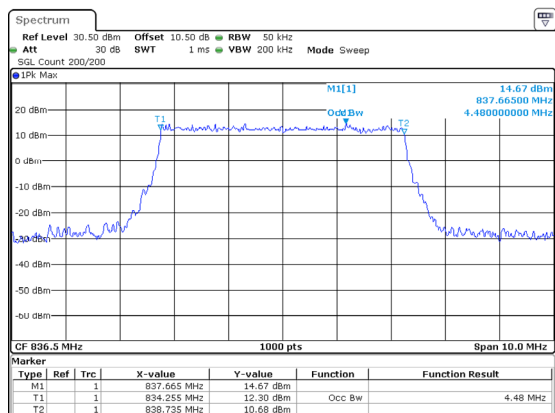
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:57:47

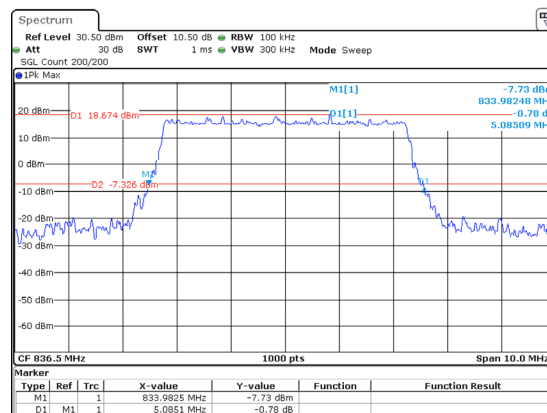
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:58:14

26dB Bandwidth

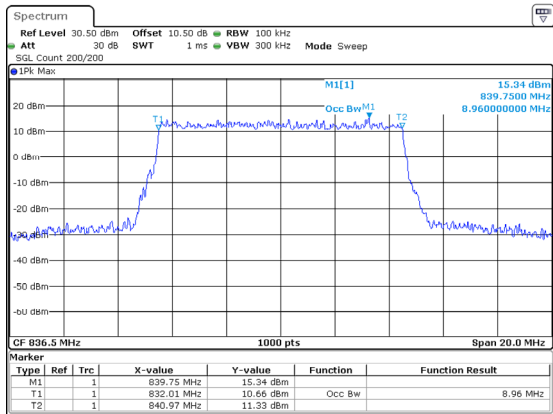


ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:58:33

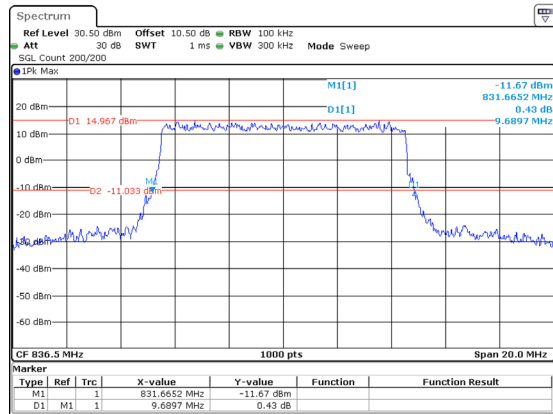
10MHz_Middle_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:02:31

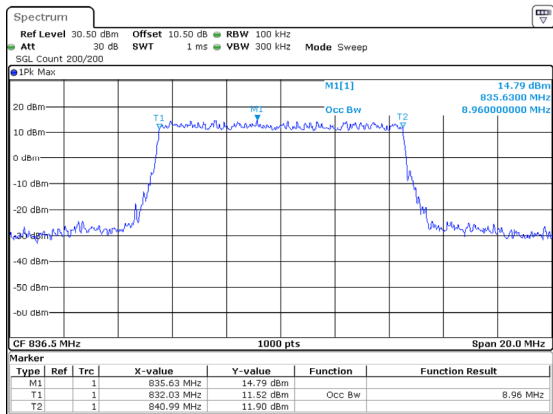


ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:02:45

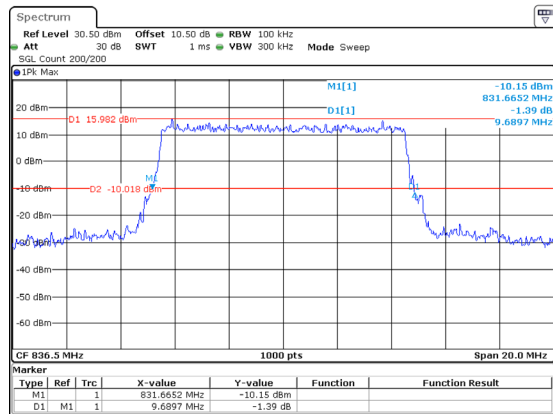
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:03:15



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:03:28

FCC Part 24E

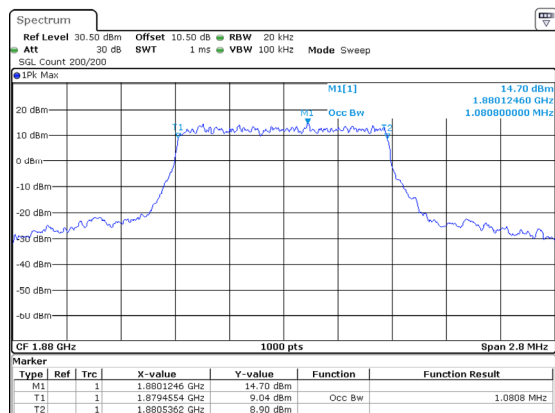
B2, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.081	1.275
1.4MHz_Middle_16QAM_6@0	1.078	1.253
3MHz_Middle_QPSK_15@0	2.682	2.889
3MHz_Middle_16QAM_15@0	2.670	2.889
5MHz_Middle_QPSK_25@0	4.470	4.945
5MHz_Middle_16QAM_25@0	4.470	5.135
10MHz_Middle_QPSK_50@0	8.960	9.830
10MHz_Middle_16QAM_50@0	8.980	9.750
15MHz_Middle_QPSK_75@0	13.410	14.805
15MHz_Middle_16QAM_75@0	13.440	14.745
20MHz_Middle_QPSK_100@0	17.880	19.419
20MHz_Middle_16QAM_100@0	17.880	19.219

B2, Normal

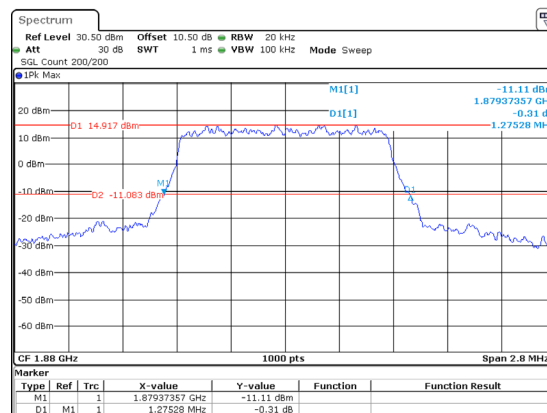
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:31:18

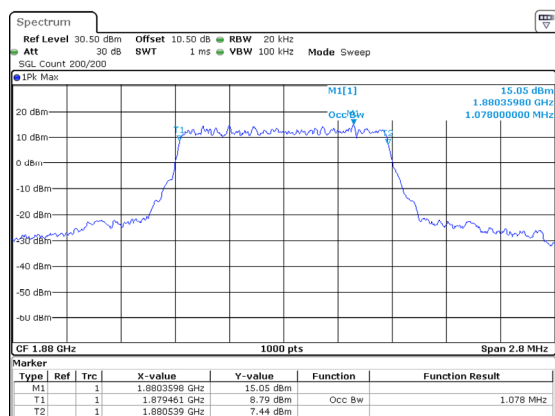
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:31:28

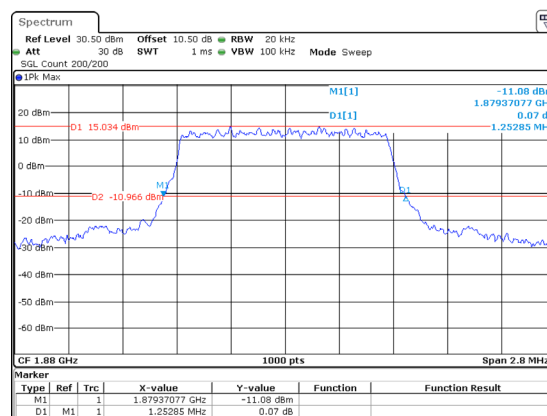
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:32:04

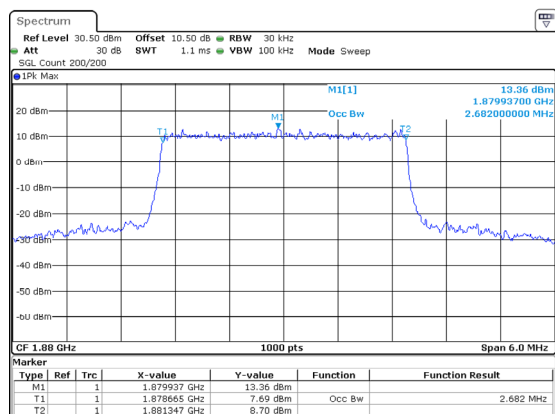
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:32:14

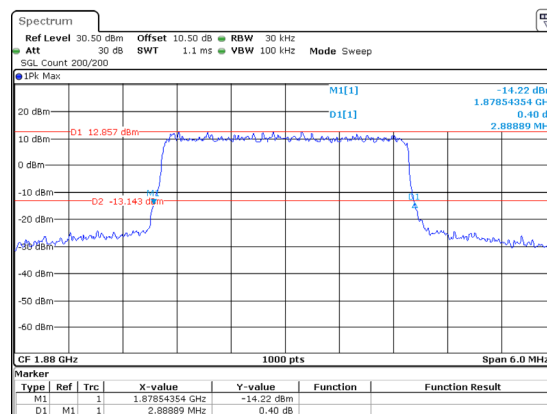
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:35:50

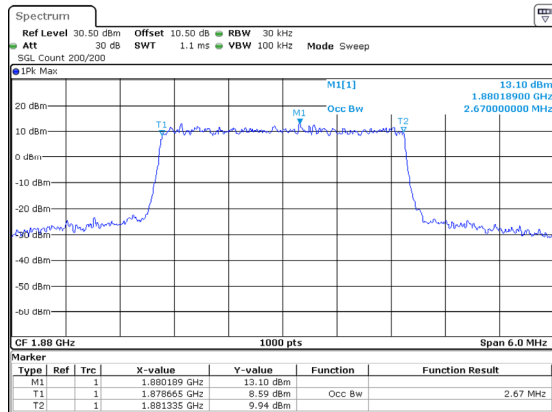
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:36:00

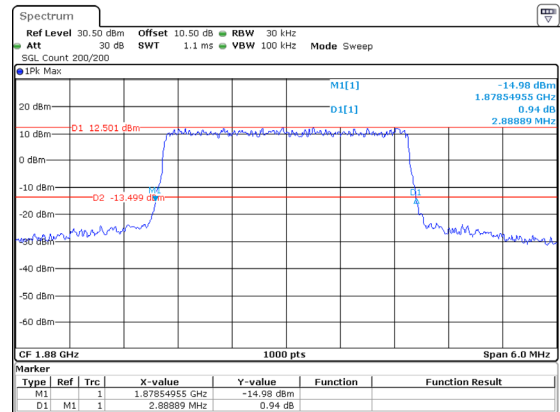
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:36:23

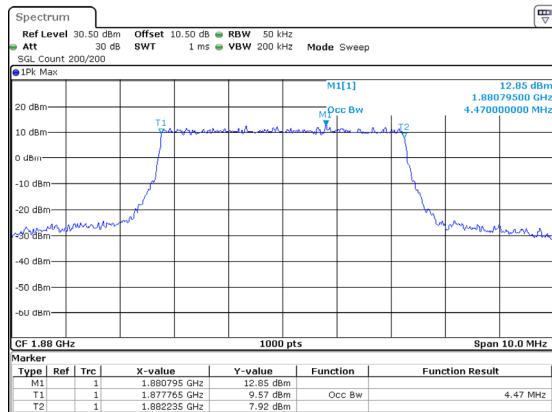
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:36:33

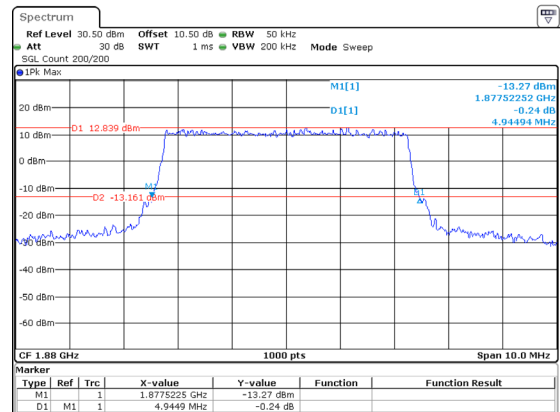
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:46:47

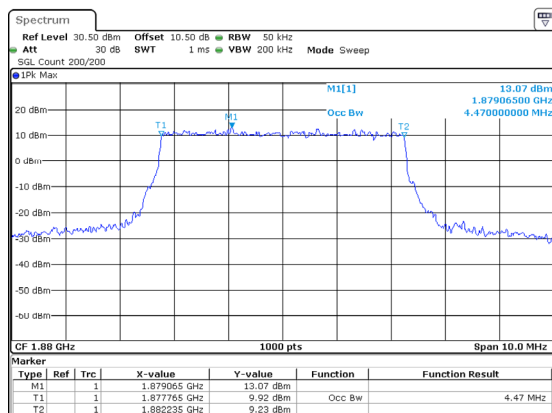
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:46:57

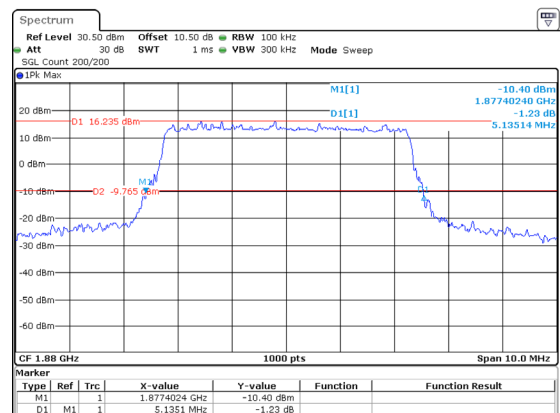
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:47:20

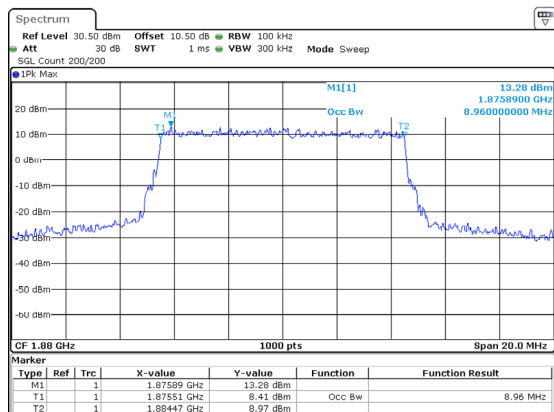
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:47:36

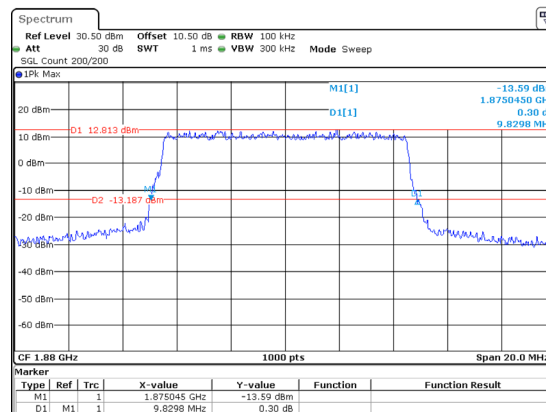
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:51:52

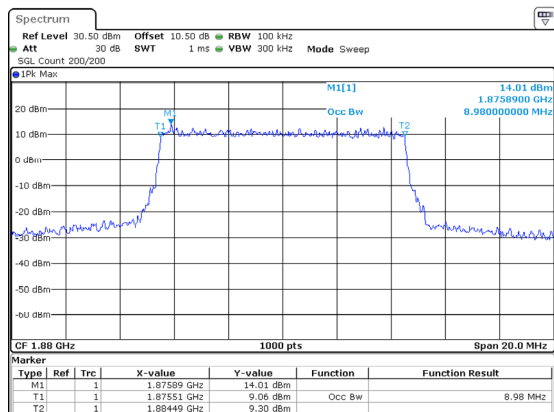
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:52:06

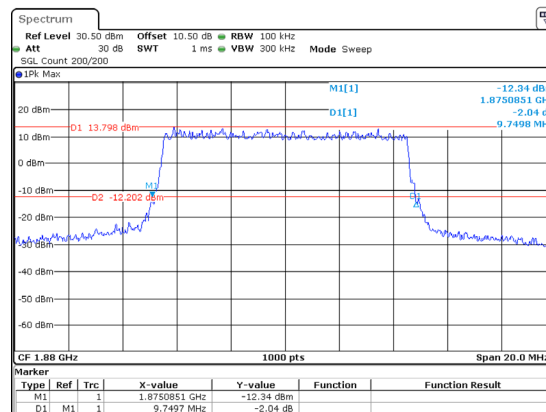
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:52:35

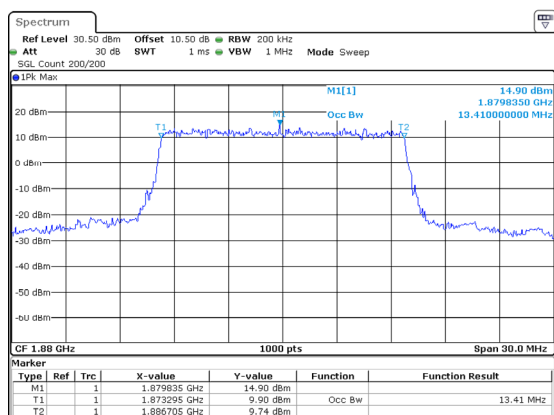
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:52:49

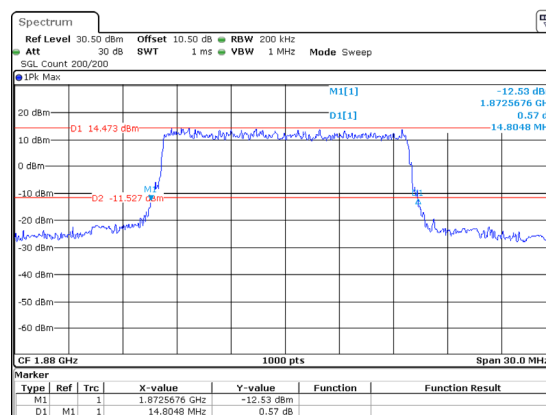
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:57:18

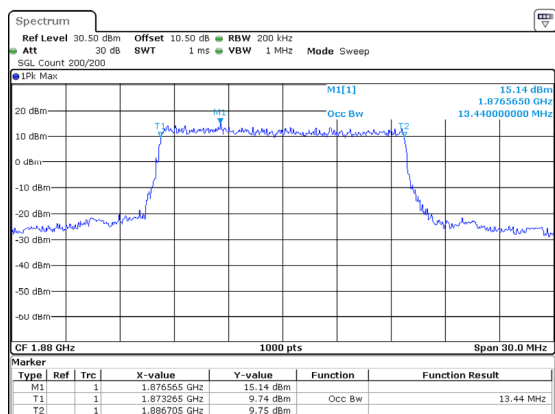
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:57:34

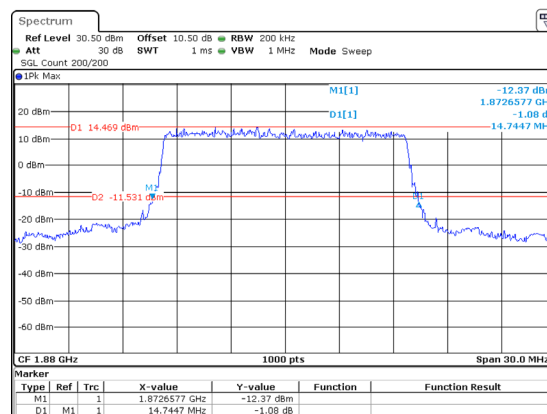
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:58:06

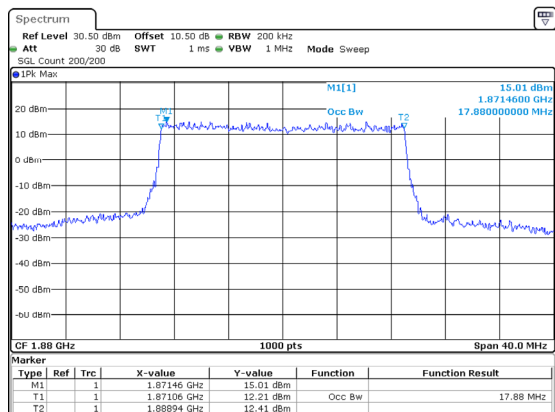
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 04:58:22

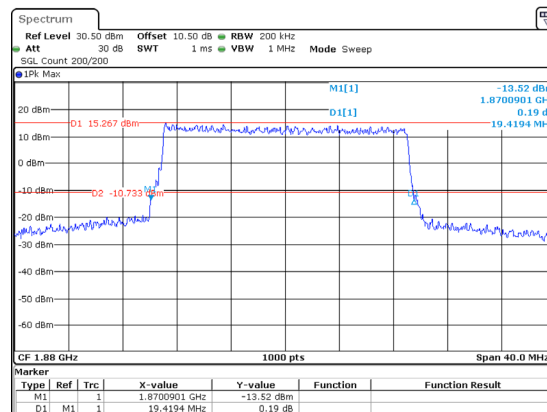
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 8.DEC.2024 22:17:08

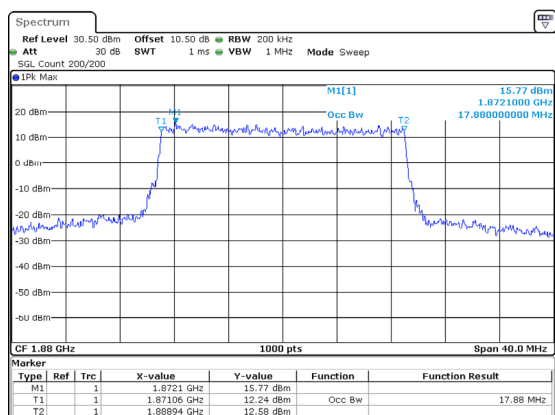
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 8.DEC.2024 22:17:22

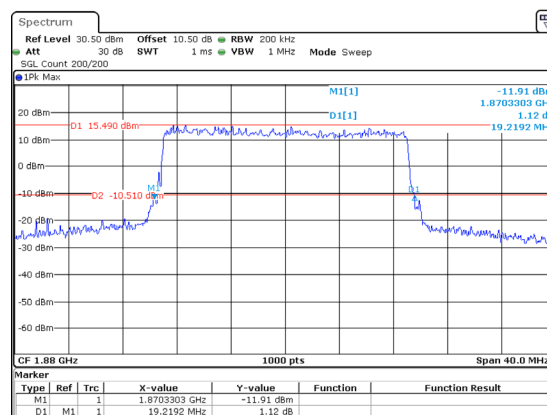
20MHz_Middle_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 8.DEC.2024 22:17:49

26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 8.DEC.2024 22:18:04

FCC Part 27

B4, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.089	1.259
1.4MHz_Middle_16QAM_6@0	1.078	1.270
3MHz_Middle_QPSK_15@0	2.682	2.847
3MHz_Middle_16QAM_15@0	2.676	2.877
5MHz_Middle_QPSK_25@0	4.480	5.165
5MHz_Middle_16QAM_25@0	4.470	5.115
10MHz_Middle_QPSK_50@0	8.980	9.870
10MHz_Middle_16QAM_50@0	8.960	9.890
15MHz_Middle_QPSK_75@0	13.440	14.985
15MHz_Middle_16QAM_75@0	13.380	14.745
20MHz_Middle_QPSK_100@0	17.880	19.059
20MHz_Middle_16QAM_100@0	17.920	19.059

B12, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.081	1.239
1.4MHz_Middle_16QAM_6@0	1.078	1.267
3MHz_Middle_QPSK_15@0	2.676	2.853
3MHz_Middle_16QAM_15@0	2.682	2.865
5MHz_Middle_QPSK_25@0	4.490	4.955
5MHz_Middle_16QAM_25@0	4.490	5.135
10MHz_Middle_QPSK_50@0	8.960	10.010
10MHz_Middle_16QAM_50@0	8.960	9.910

B13, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Low_QPSK_25@0	4.470	4.965
5MHz_Low_16QAM_25@0	4.470	4.915
10MHz_Middle_QPSK_50@0	8.960	9.570
10MHz_Middle_16QAM_50@0	8.960	9.550

B17, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.470	4.975
5MHz_Middle_16QAM_25@0	4.470	5.035
10MHz_Middle_QPSK_50@0	8.940	9.890
10MHz_Middle_16QAM_50@0	8.940	9.910

B38, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.480	4.775
5MHz_Middle_16QAM_25@0	4.470	4.765
10MHz_Middle_QPSK_50@0	8.940	9.409
10MHz_Middle_16QAM_50@0	8.940	9.550
15MHz_Middle_QPSK_75@0	13.440	15.375
15MHz_Middle_16QAM_75@0	13.410	14.805
20MHz_Middle_QPSK_100@0	17.880	20.100
20MHz_Middle_16QAM_100@0	17.880	19.059

B7, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.490	4.985
5MHz_Middle_16QAM_25@0	4.470	5.135
10MHz_Middle_QPSK_50@0	8.940	9.890
10MHz_Middle_16QAM_50@0	8.960	9.910
15MHz_Middle_QPSK_75@0	13.440	14.655
15MHz_Middle_16QAM_75@0	13.410	14.715
20MHz_Middle_QPSK_100@0	17.880	19.099
20MHz_Middle_16QAM_100@0	17.880	19.099

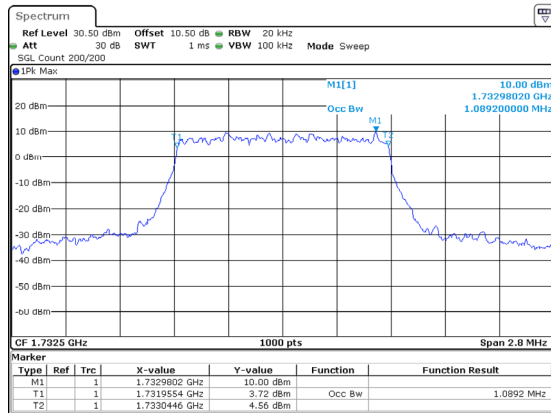
B41, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.470	4.785
5MHz_Middle_16QAM_25@0	4.460	5.796
10MHz_Middle_QPSK_50@0	8.940	10.010
10MHz_Middle_16QAM_50@0	8.940	9.550
15MHz_Middle_QPSK_75@0	13.440	15.526
15MHz_Middle_16QAM_75@0	13.410	15.435
20MHz_Middle_QPSK_100@0	17.840	18.779
20MHz_Middle_16QAM_100@0	17.920	18.739

B4, Normal

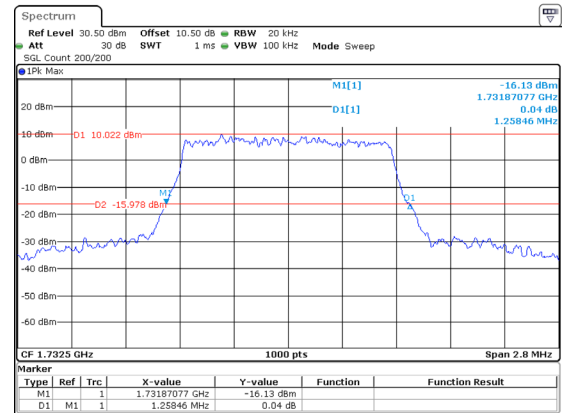
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:07:42

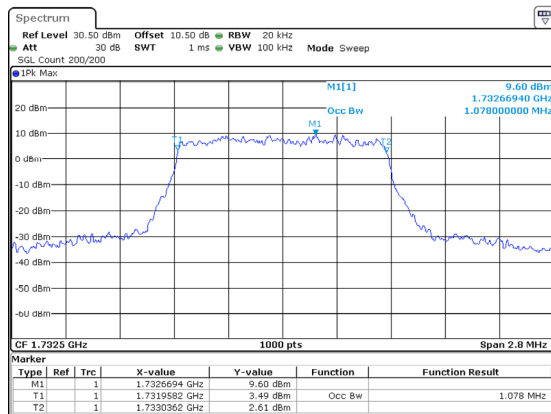
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:07:54

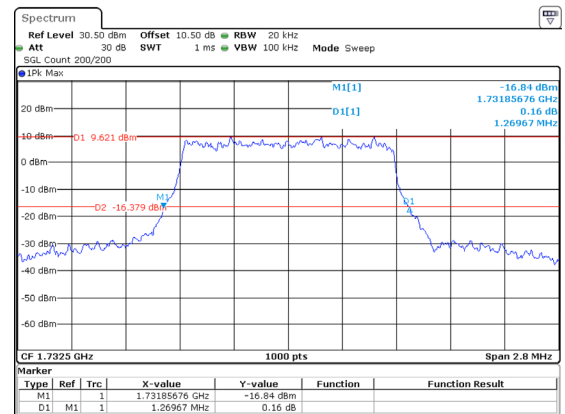
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:08:34

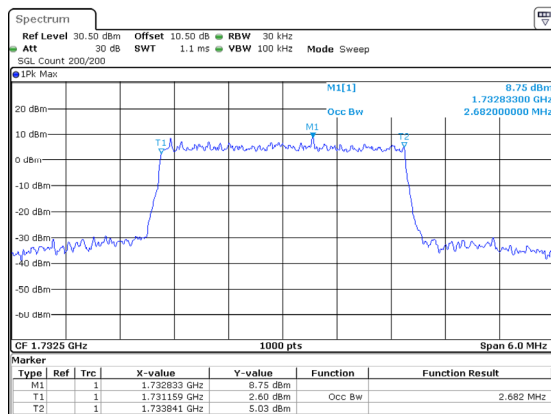
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:08:47

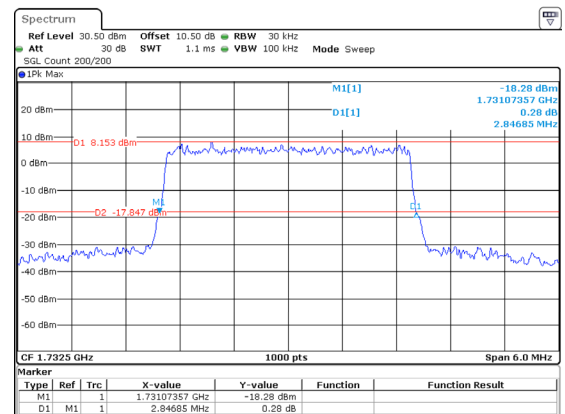
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:19:38

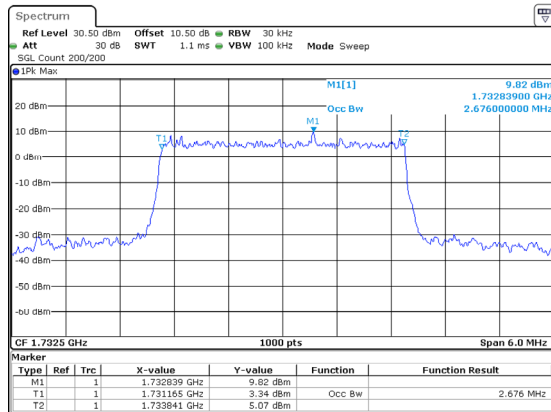
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:19:51

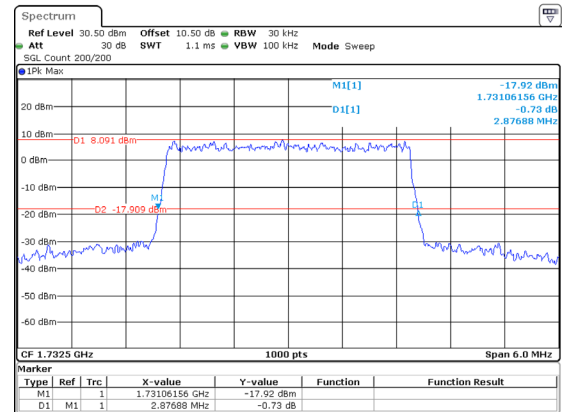
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:20:17

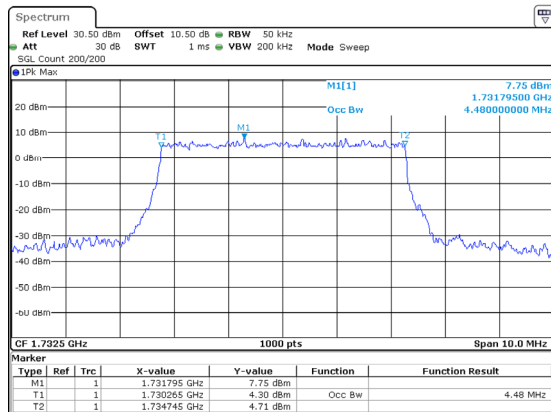
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:20:30

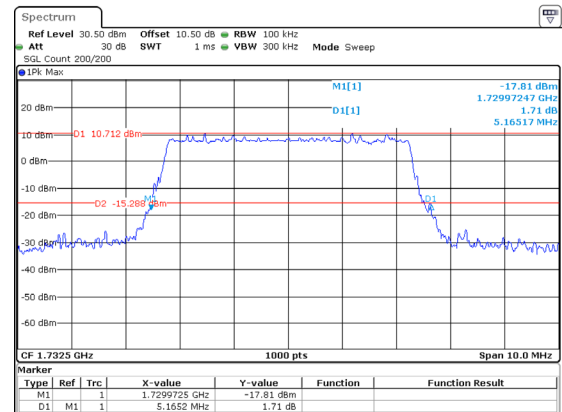
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:24:31

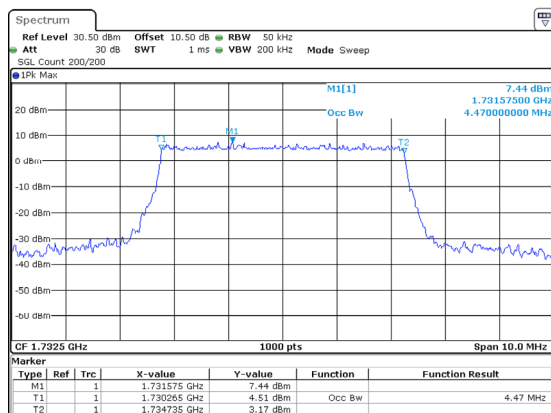
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:24:53

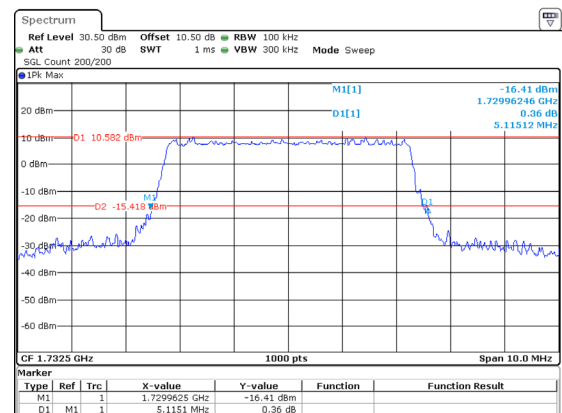
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:25:27

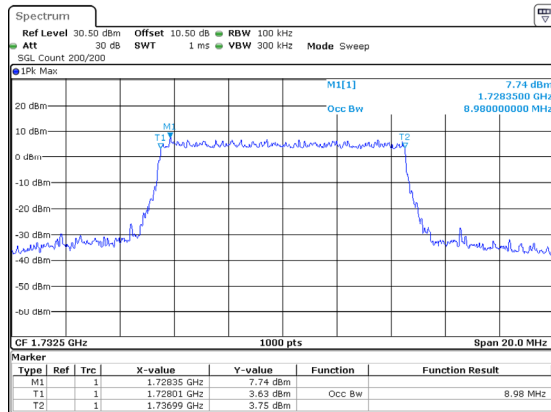
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:25:48

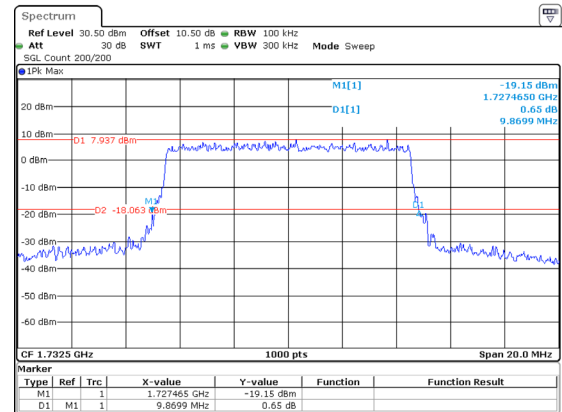
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:29:40

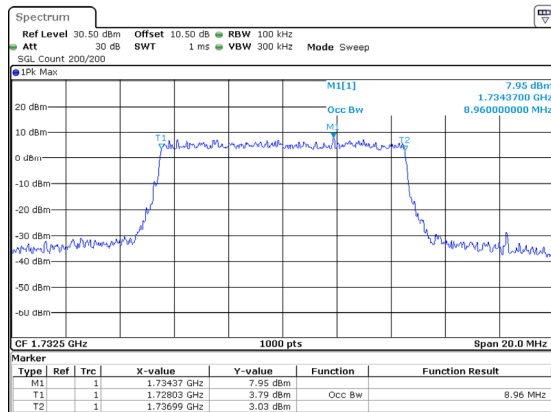
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:29:57

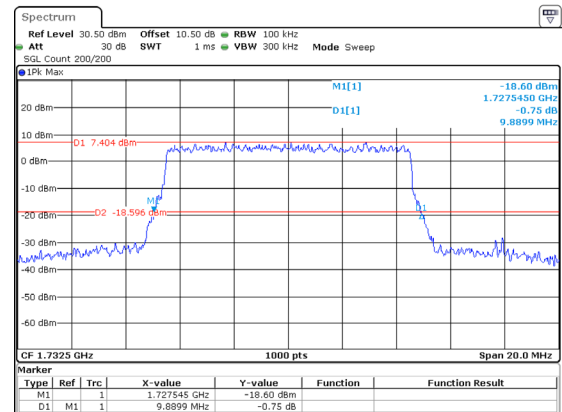
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:30:32

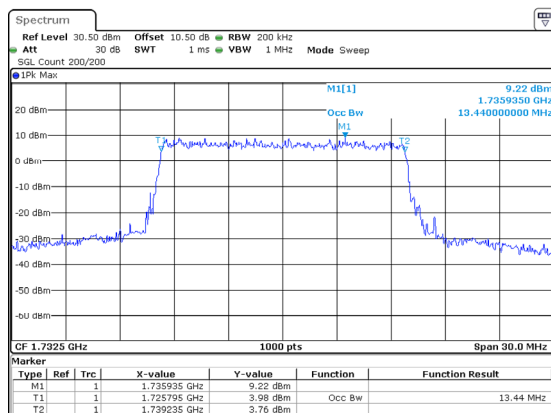
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:30:49

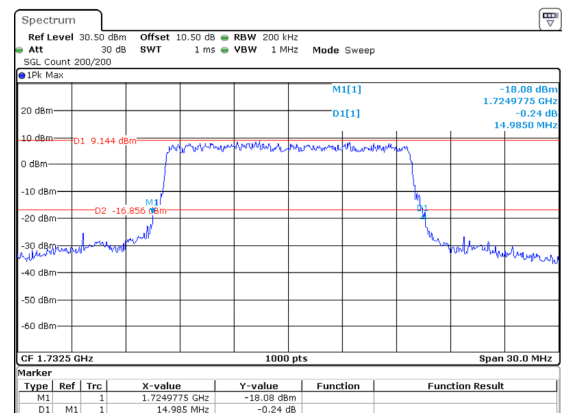
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:35:07

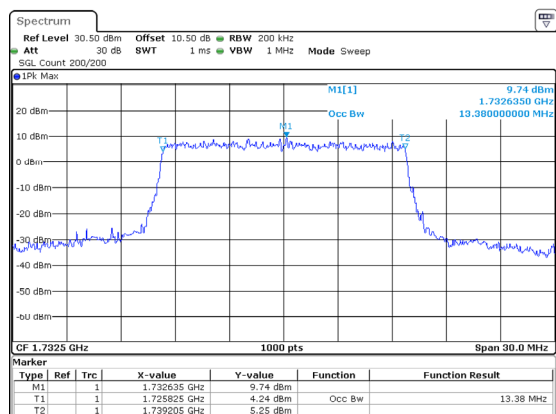
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:35:25

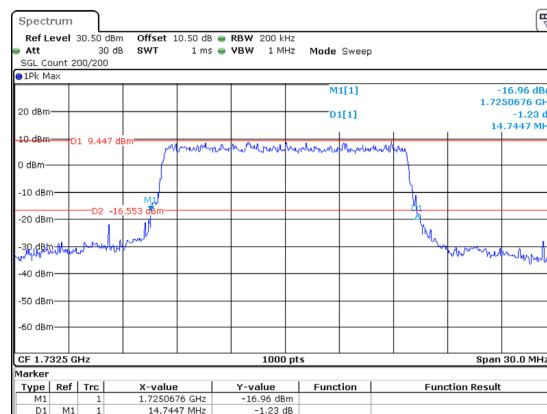
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:35:58

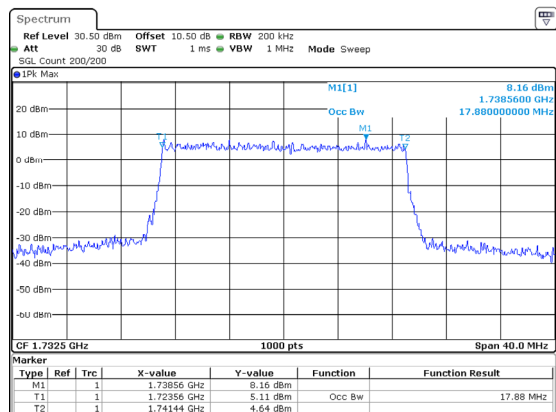
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:36:16

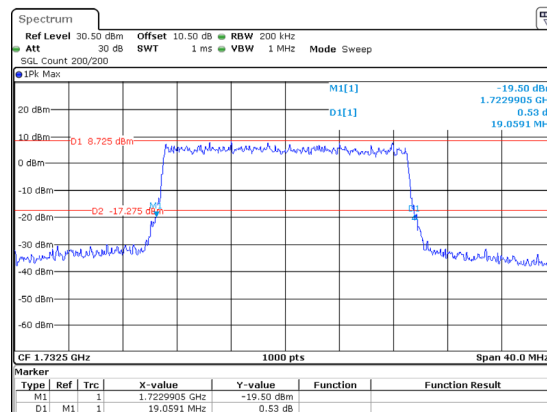
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:40:59

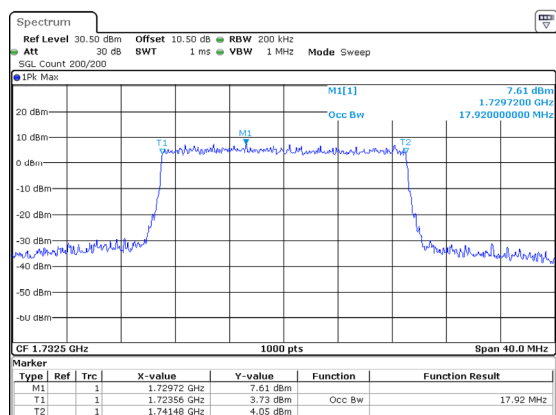
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:41:17

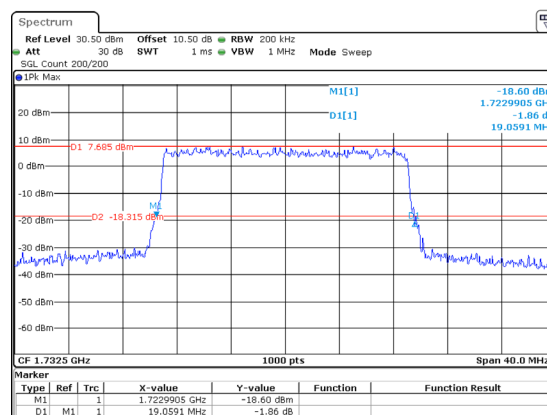
20MHz_Middle_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:41:53

26dB Bandwidth

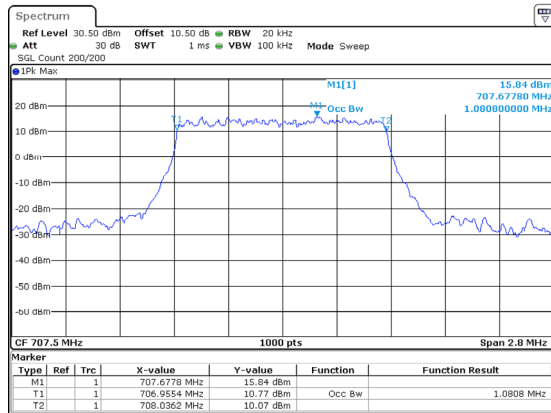


ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 05:42:10

B12, Normal

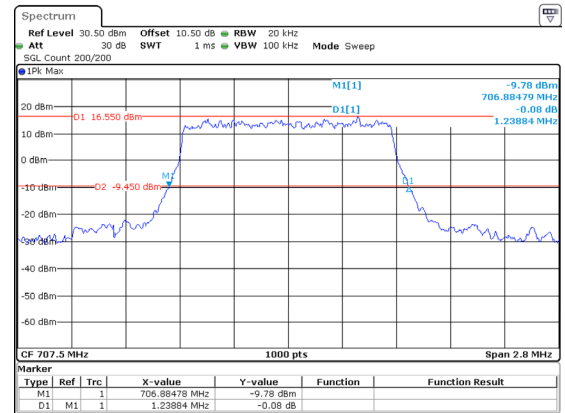
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:39:42

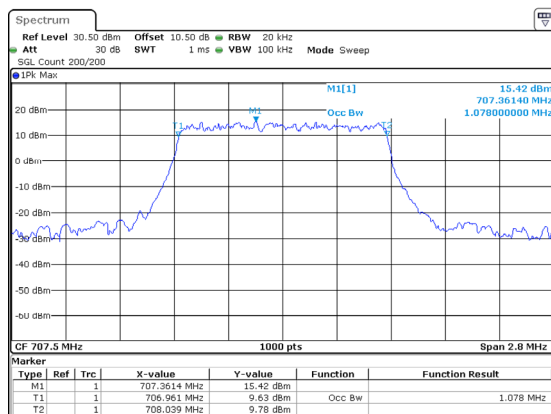
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:39:55

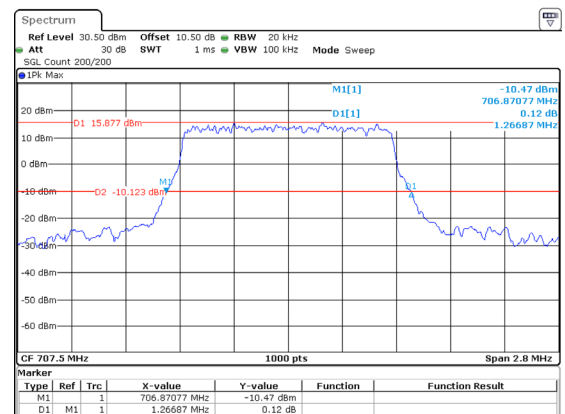
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:40:37

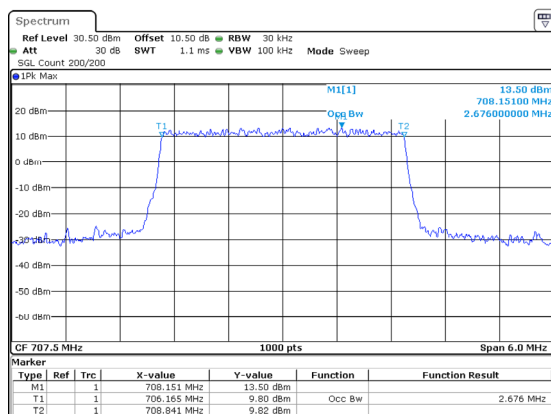
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:40:50

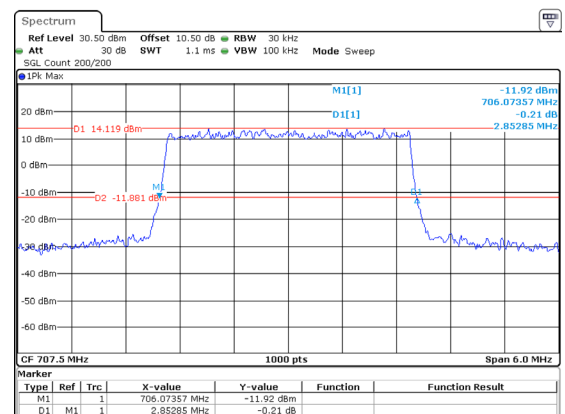
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:44:52

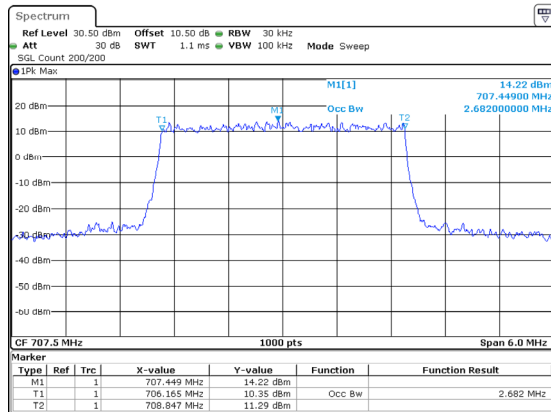
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:45:05

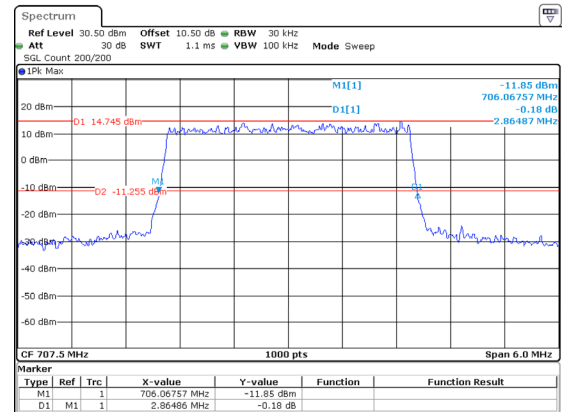
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:45:33

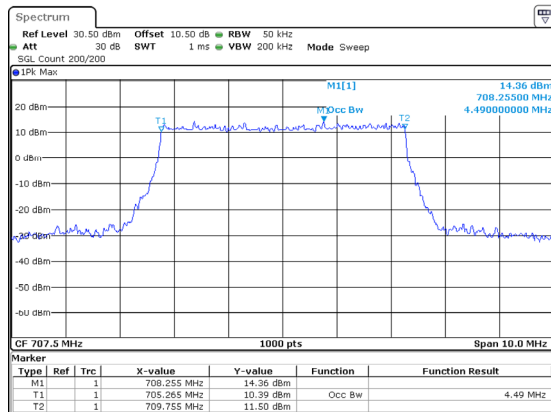
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:45:46

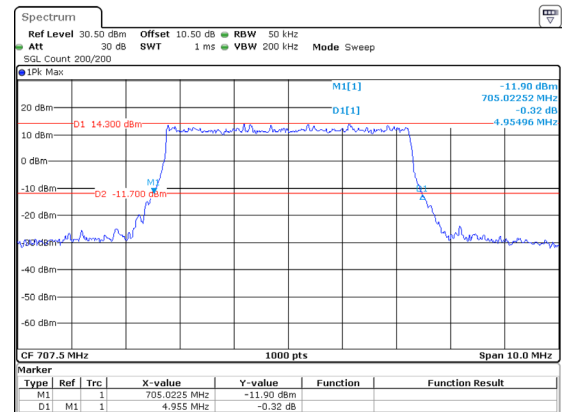
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:49:47

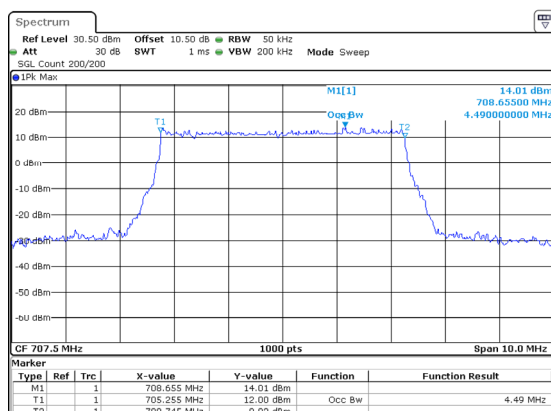
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:50:01

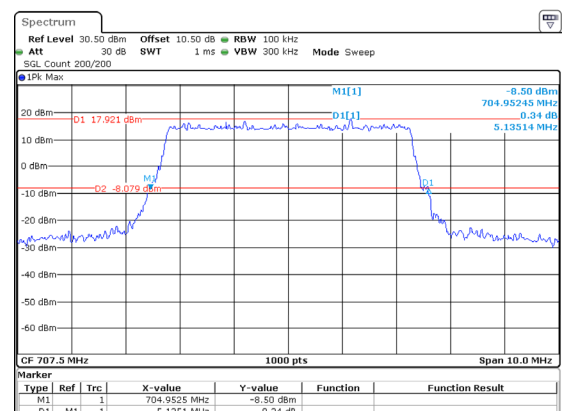
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:50:29

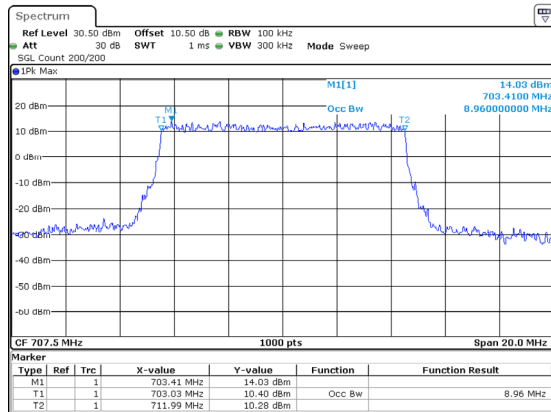
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 06:50:49

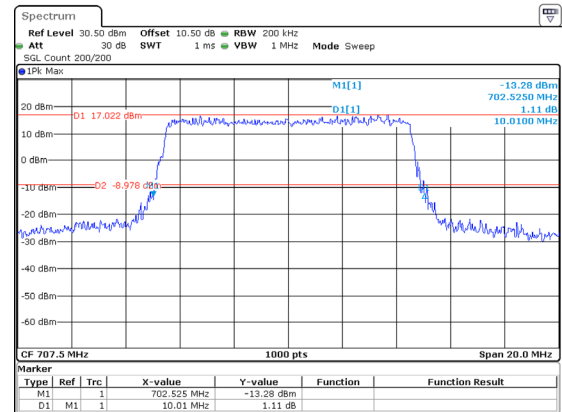
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 07:02:06

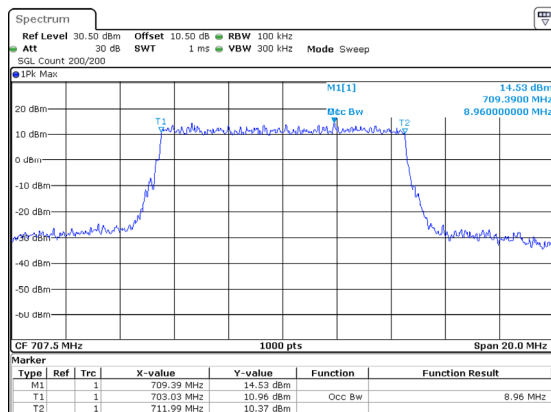
26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 07:02:130

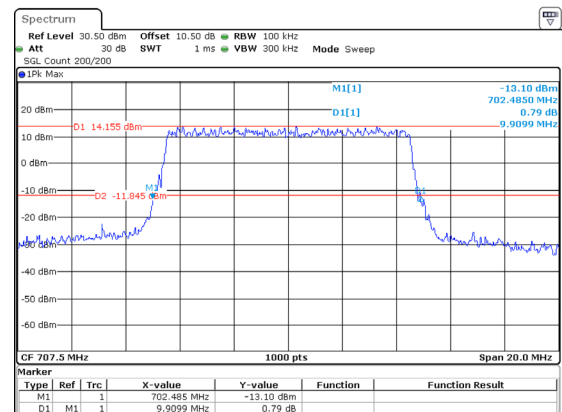
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 07:03:02

26dB Bandwidth

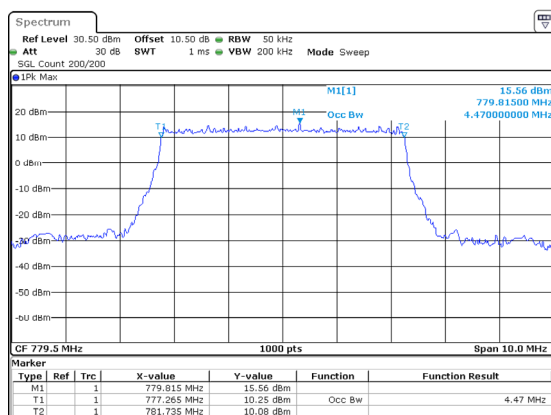


ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 9.DEC.2024 07:03:117

B13 , Normal

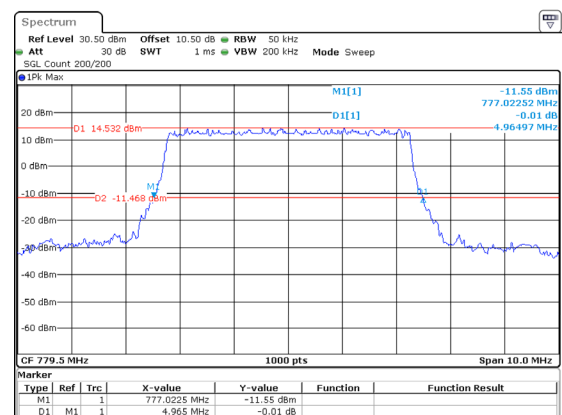
5MHz_Low_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 6.FEB.2025 20:42:27

26dB Bandwidth



ProjectNo.:2401Z104941E-RF Tester:Usain Ou
Date: 6.FEB.2025 20:42:33