

Appendix I - Occupied Bandwidth

Test Information:

Sample No.:	2VVL-2	Test Date:	2025/03/19
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24	Relative Humidity: (%)	46	ATM Pressure: (kPa)	101
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Occupied Bandwidth

FCC Part 22H

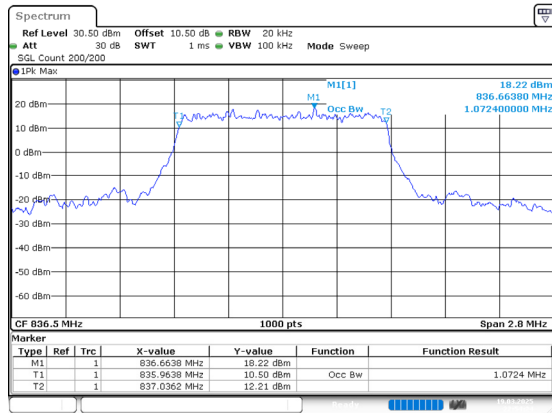
B5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.072	1.230
1.4MHz_Middle_16QAM_6@0	1.084	1.284
3MHz_Middle_QPSK_15@0	2.682	2.865
3MHz_Middle_16QAM_15@0	2.670	2.871
5MHz_Middle_QPSK_25@0	4.480	4.815
5MHz_Middle_16QAM_25@0	4.470	4.815
10MHz_Middle_QPSK_50@0	8.940	9.530
10MHz_Middle_16QAM_50@0	8.940	9.470

B5, Normal

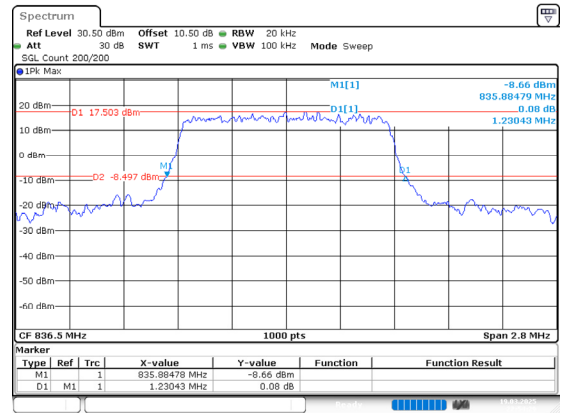
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:54:24

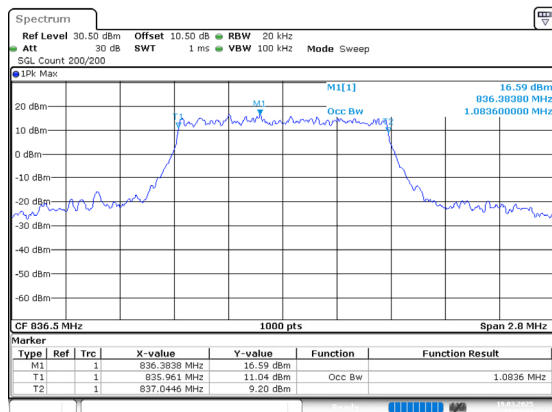
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:54:29

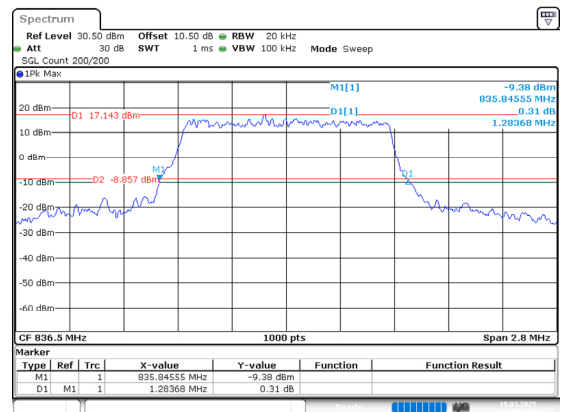
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:54:43

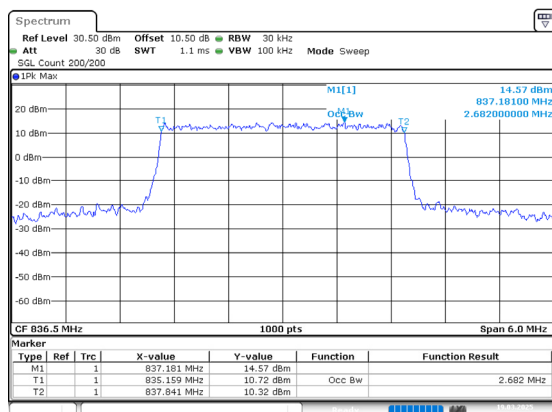
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:54:48

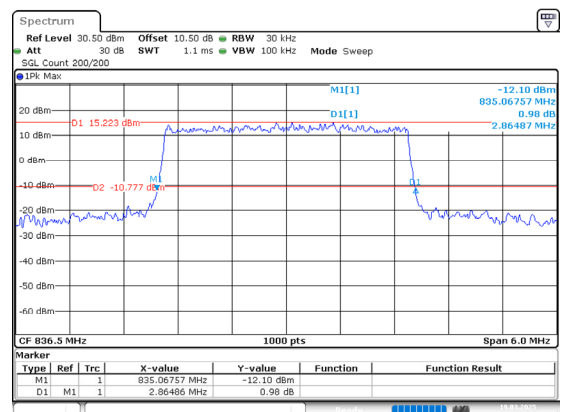
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:55:08

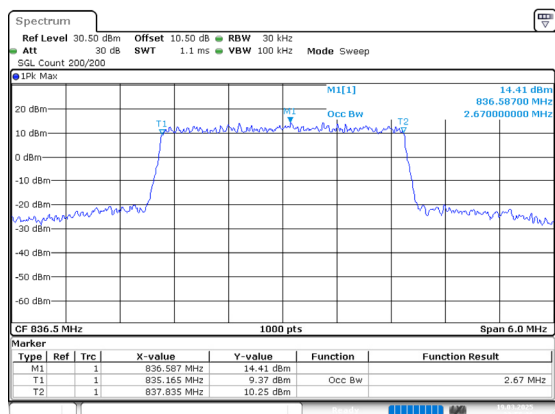
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:55:14

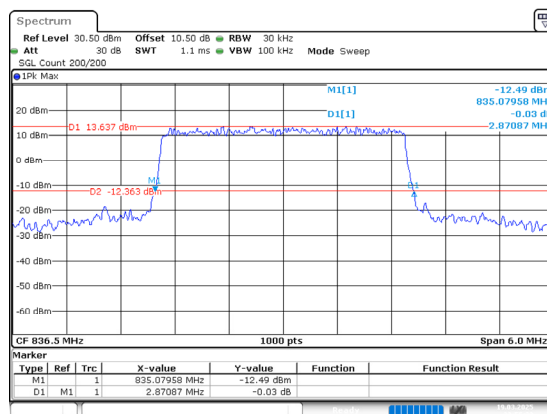
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:55:26

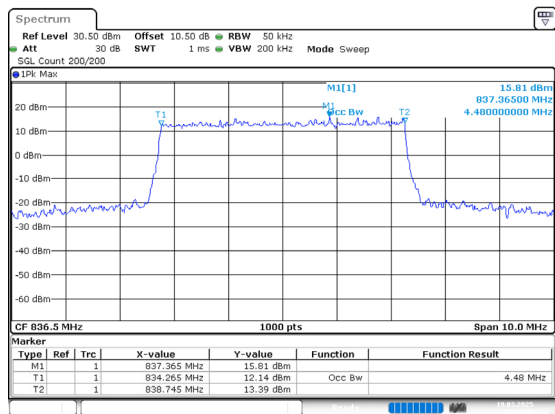
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:55:32

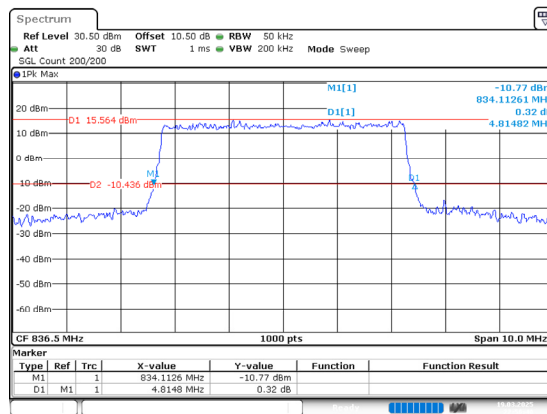
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:56:43

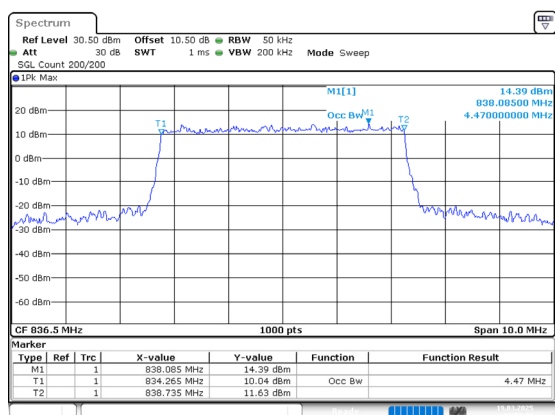
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:56:49

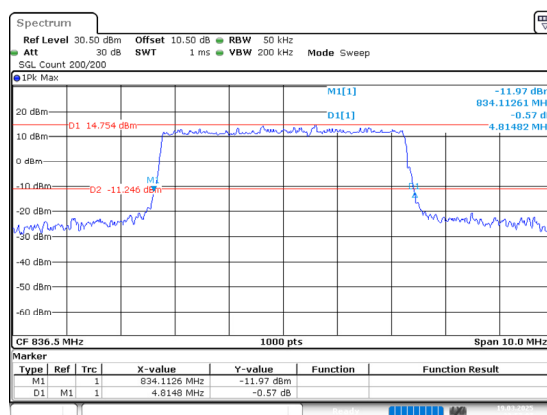
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:57:01

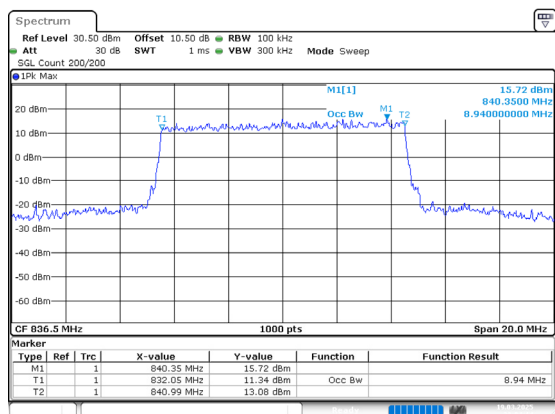
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:57:07

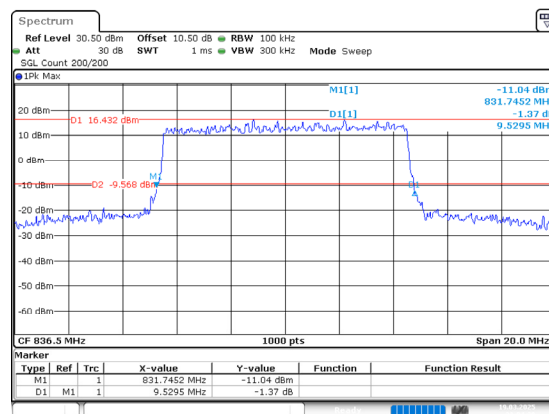
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 23:04:14

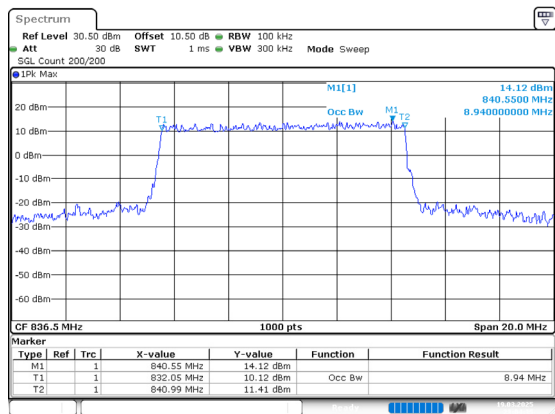
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 23:04:21

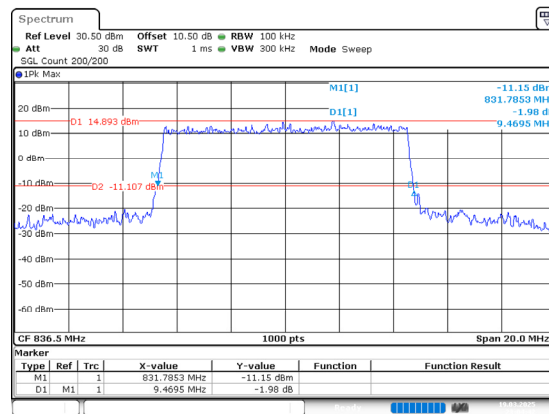
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 23:04:35

26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 23:04:42

FCC Part 24E

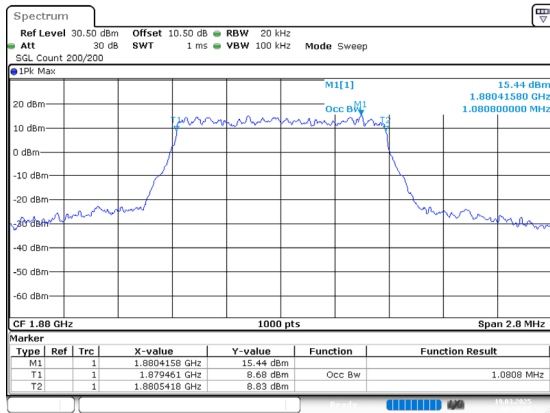
B2, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.081	1.244
1.4MHz_Middle_16QAM_6@0	1.084	1.270
3MHz_Middle_QPSK_15@0	2.670	2.865
3MHz_Middle_16QAM_15@0	2.682	2.883
5MHz_Middle_QPSK_25@0	4.480	4.835
5MHz_Middle_16QAM_25@0	4.460	4.815
10MHz_Middle_QPSK_50@0	8.940	9.510
10MHz_Middle_16QAM_50@0	8.940	9.510
15MHz_Middle_QPSK_75@0	13.410	14.324
15MHz_Middle_16QAM_75@0	13.440	14.204
20MHz_Middle_QPSK_100@0	17.840	19.019
20MHz_Middle_16QAM_100@0	17.880	18.819

B2, Normal

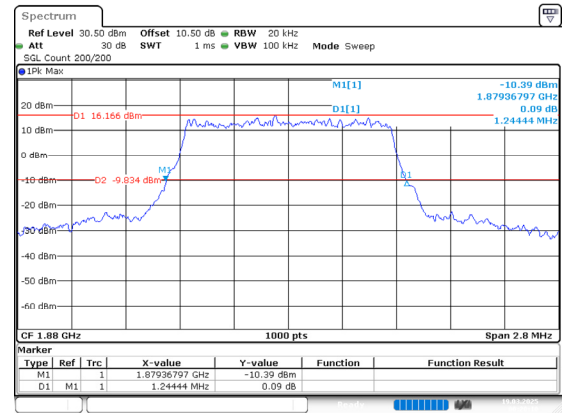
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:20:05

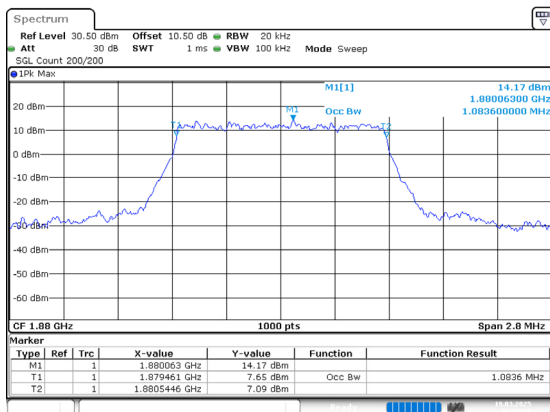
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:20:11

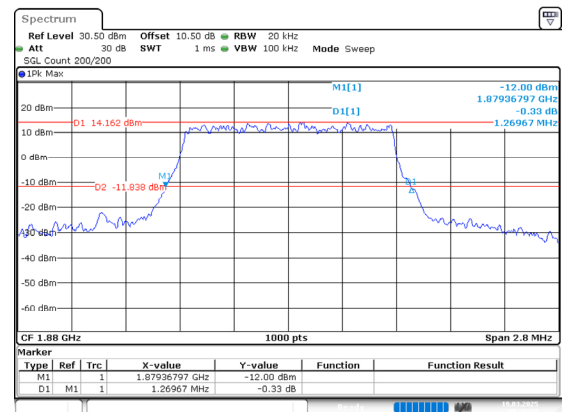
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:20:25

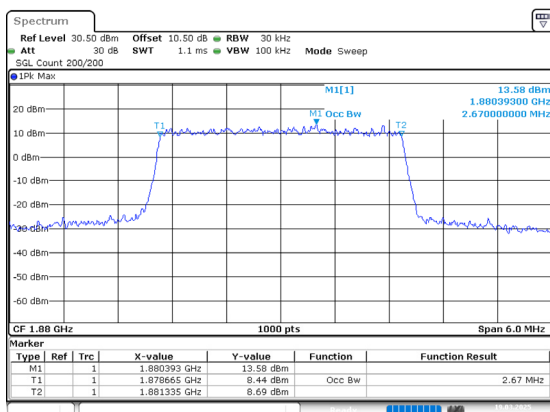
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:20:30

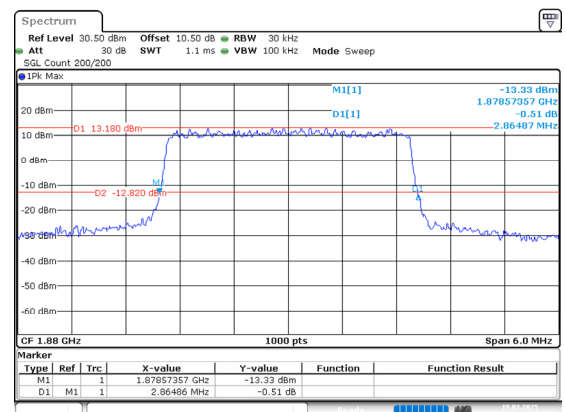
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:20:49

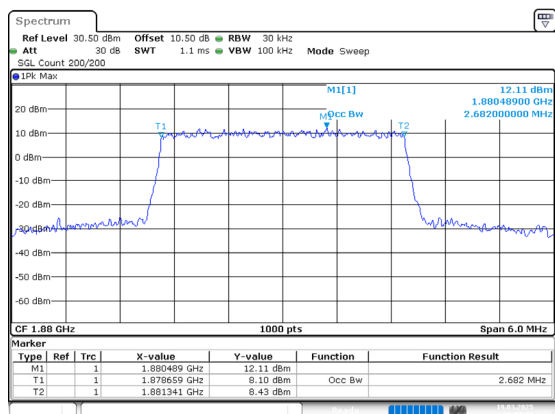
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:20:54

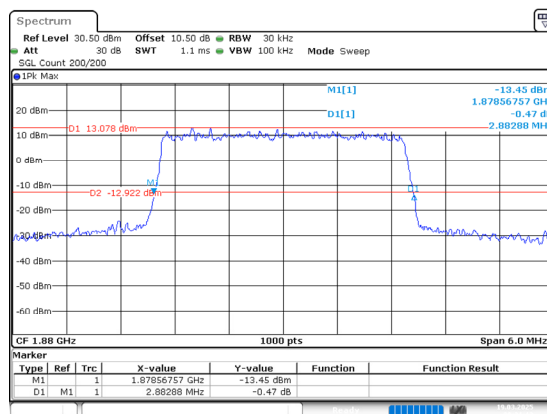
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:21:07

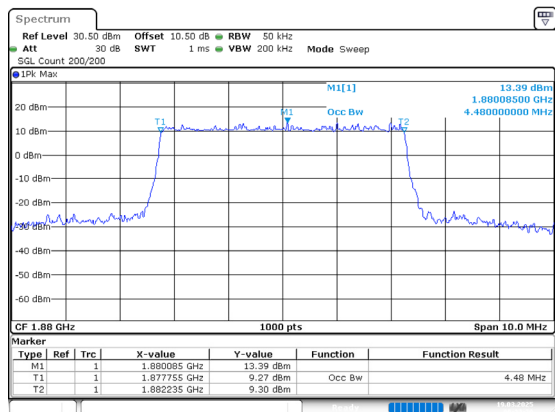
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:21:12

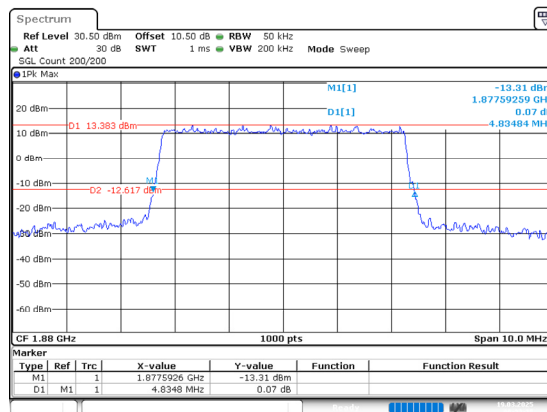
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:22:20

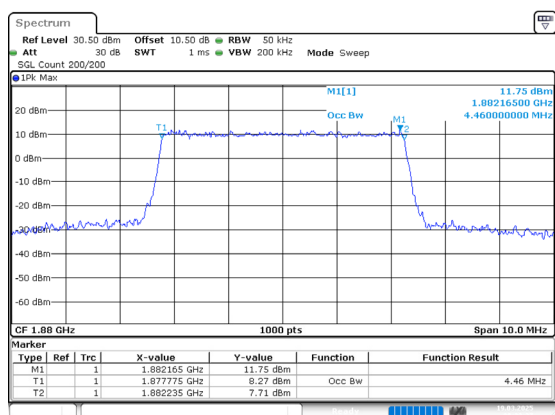
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:22:26

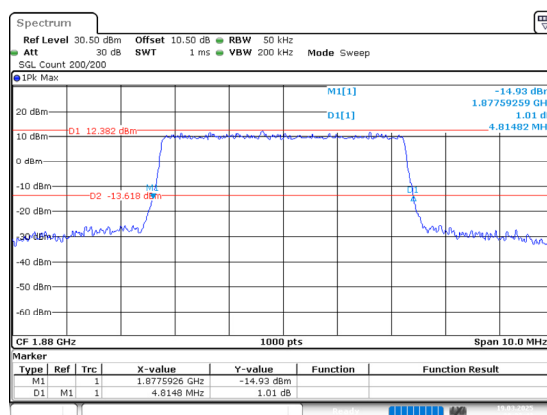
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:22:38

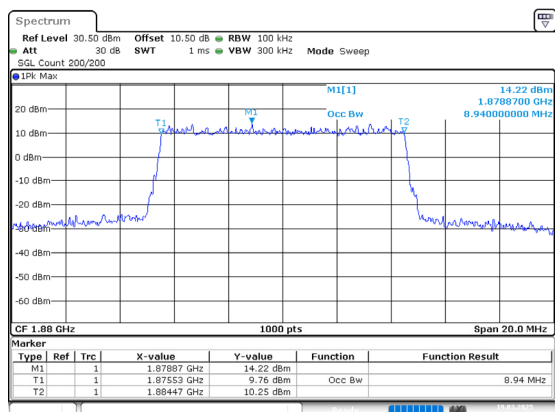
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:22:43

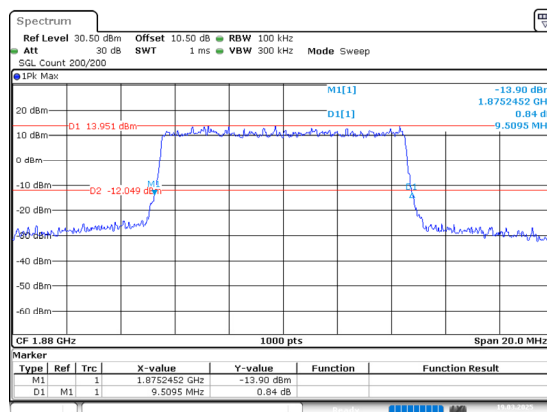
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:24:03

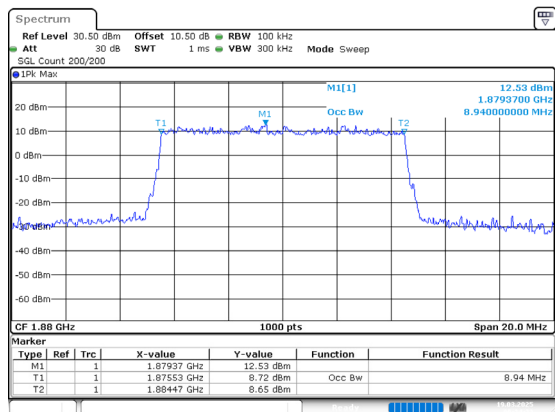
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:24:10

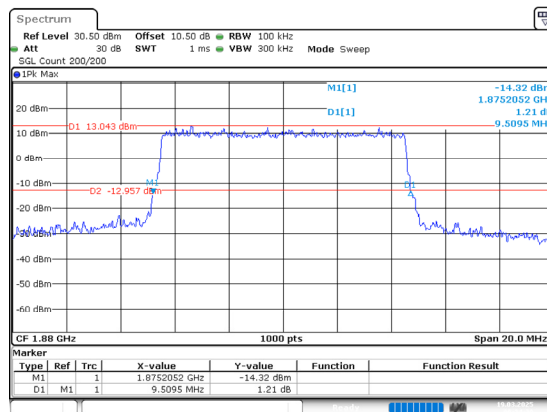
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:24:23

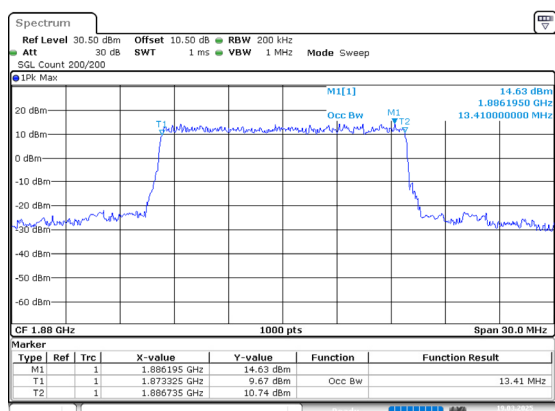
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:24:30

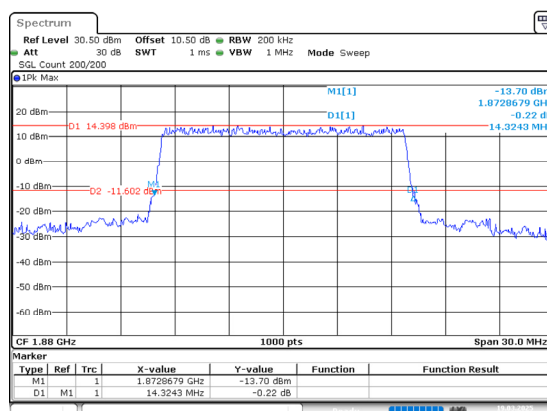
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:25:57

26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:26:04

ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:26:20

ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:26:28

ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:27:59

ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 00:28:07

ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:37:23

ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:37:32

FCC Part 27

B4, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.072	1.250
1.4MHz_Middle_16QAM_6@0	1.081	1.284
3MHz_Middle_QPSK_15@0	2.676	2.859
3MHz_Middle_16QAM_15@0	2.682	2.853
5MHz_Middle_QPSK_25@0	4.470	4.805
5MHz_Middle_16QAM_25@0	4.460	4.825
10MHz_Middle_QPSK_50@0	8.920	9.470
10MHz_Middle_16QAM_50@0	8.940	9.550
15MHz_Middle_QPSK_75@0	13.410	14.264
15MHz_Middle_16QAM_75@0	13.380	14.264
20MHz_Middle_QPSK_100@0	17.840	18.859
20MHz_Middle_16QAM_100@0	17.840	19.059

B7, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.470	4.755
5MHz_Middle_16QAM_25@0	4.480	4.825
10MHz_Middle_QPSK_50@0	8.940	9.590
10MHz_Middle_16QAM_50@0	8.980	9.510
15MHz_Middle_QPSK_75@0	13.440	14.444
15MHz_Middle_16QAM_75@0	13.440	14.444
20MHz_Middle_QPSK_100@0	17.880	18.979
20MHz_Middle_16QAM_100@0	17.880	18.939

B12, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.078	1.222
1.4MHz_Middle_16QAM_6@0	1.081	1.275
3MHz_Middle_QPSK_15@0	2.682	2.871
3MHz_Middle_16QAM_15@0	2.676	2.865
5MHz_Middle_QPSK_25@0	4.460	4.965
5MHz_Middle_16QAM_25@0	4.470	4.995
10MHz_Middle_QPSK_50@0	8.940	9.730
10MHz_Middle_16QAM_50@0	8.920	9.570

B17, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.470	4.995
5MHz_Middle_16QAM_25@0	4.480	5.075
10MHz_Middle_QPSK_50@0	8.980	9.630
10MHz_Middle_16QAM_50@0	8.980	9.930

B38, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Middle_QPSK_25@0	4.470	4.755
5MHz_Middle_16QAM_25@0	4.470	4.825
10MHz_Middle_QPSK_50@0	8.940	9.429
10MHz_Middle_16QAM_50@0	8.960	9.530
15MHz_Middle_QPSK_75@0	13.410	15.706
15MHz_Middle_16QAM_75@0	13.410	14.354
20MHz_Middle_QPSK_100@0	17.840	19.059
20MHz_Middle_16QAM_100@0	17.880	18.739

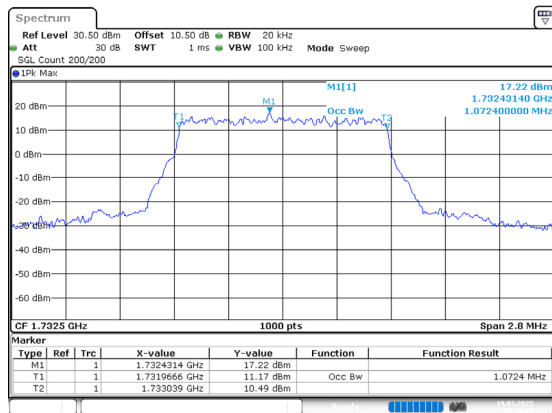
B66, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.078	1.256
1.4MHz_Middle_16QAM_6@0	1.084	1.267
3MHz_Middle_QPSK_15@0	2.682	2.877
3MHz_Middle_16QAM_15@0	2.682	2.853
5MHz_Middle_QPSK_25@0	4.480	5.005
5MHz_Middle_16QAM_25@0	4.480	4.975
10MHz_Middle_QPSK_50@0	8.940	9.810
10MHz_Middle_16QAM_50@0	8.960	9.630
15MHz_Middle_QPSK_75@0	13.440	14.805
15MHz_Middle_16QAM_75@0	13.440	14.595
20MHz_Middle_QPSK_100@0	17.840	18.939
20MHz_Middle_16QAM_100@0	17.880	19.339

B4, Normal

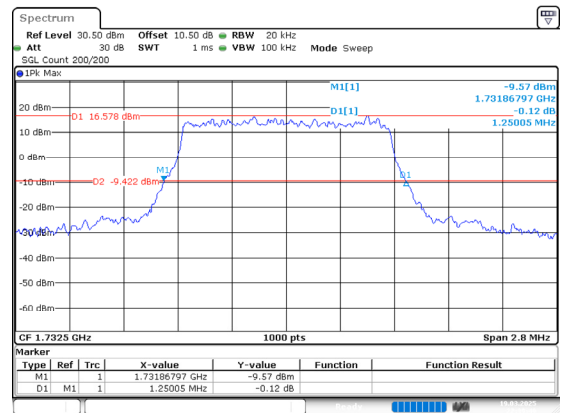
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:39:43

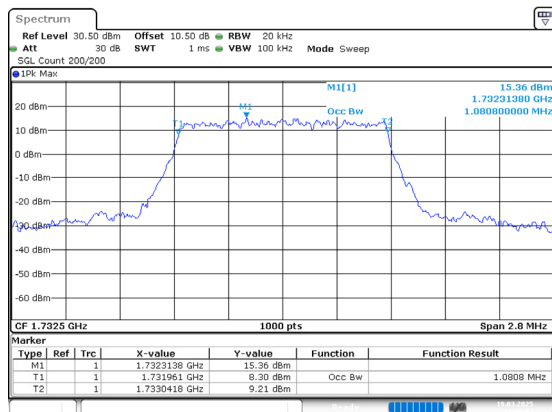
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:39:49

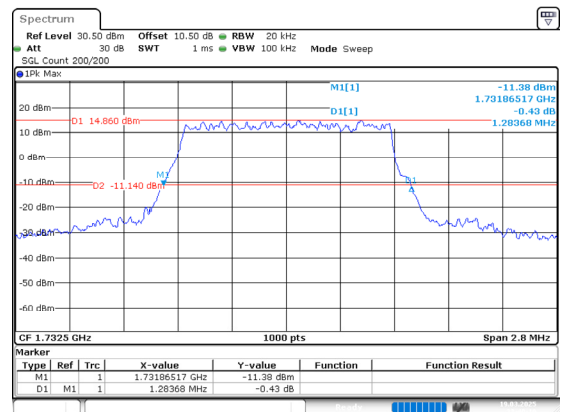
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:40:04

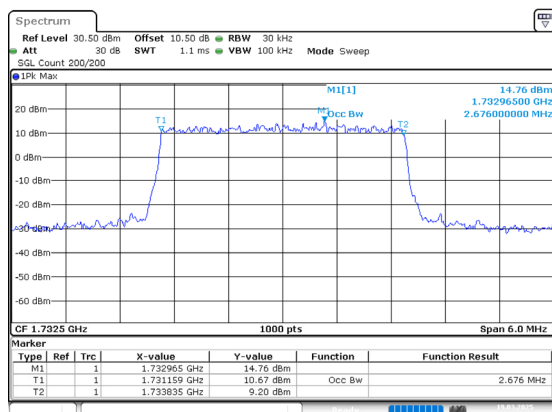
26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:40:10

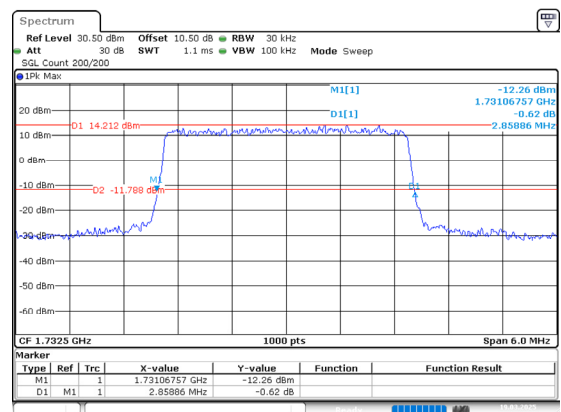
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:40:30

26dB Bandwidth



ProjectNo.:2401A109741E-RF Tester:Usain Ou
Date: 19.MAR.2025 22:40:37