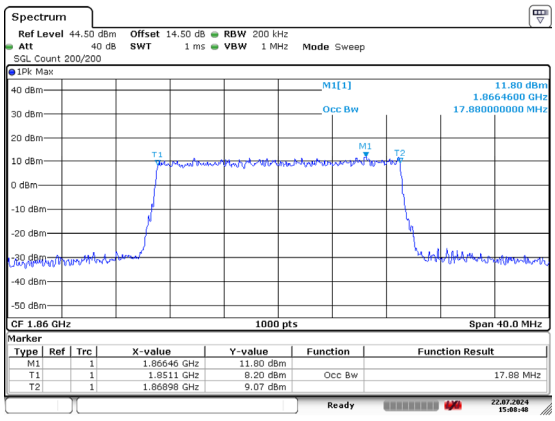
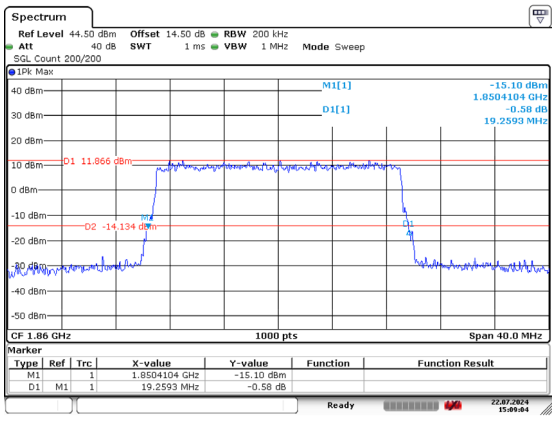
20MHz_Low_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:08:49

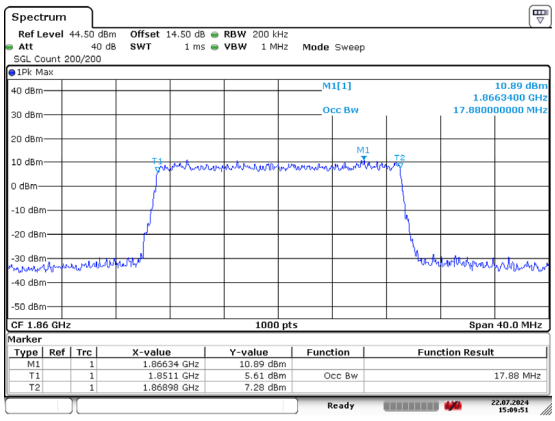
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:09:04

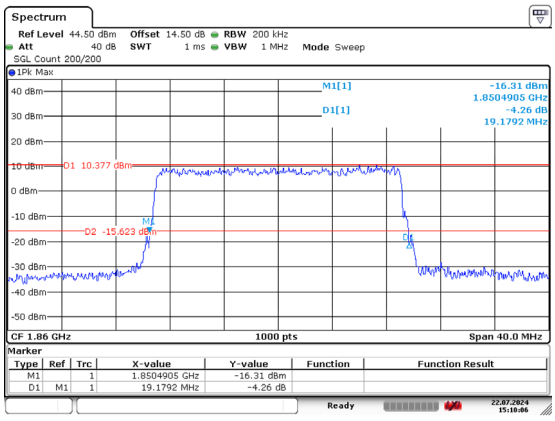
20MHz_Low_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:09:51

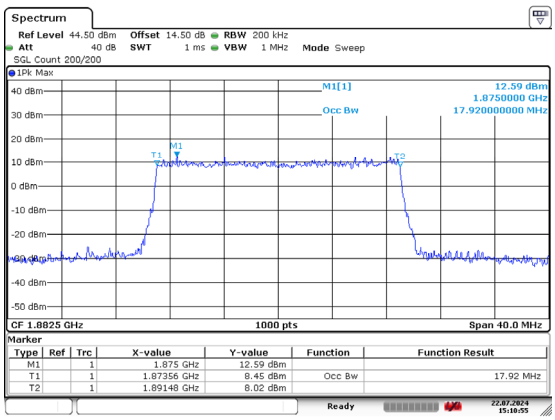
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:10:07

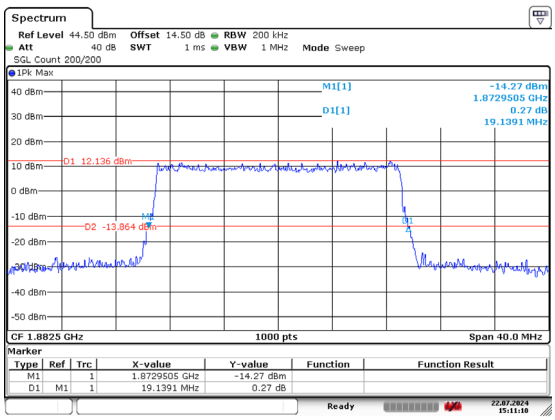
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:10:55

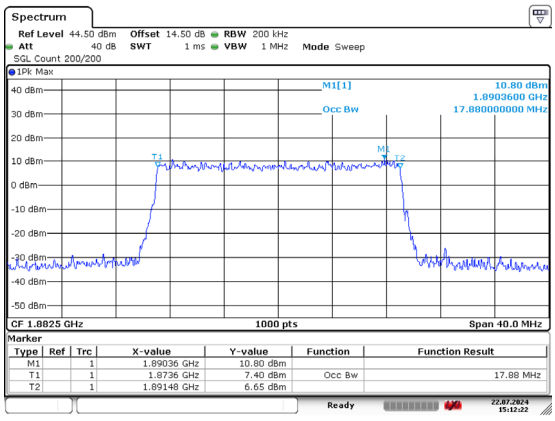
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:11:10

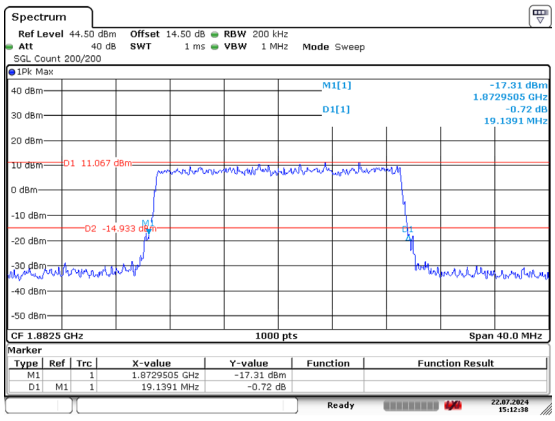
20MHz_Middle_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:12:22

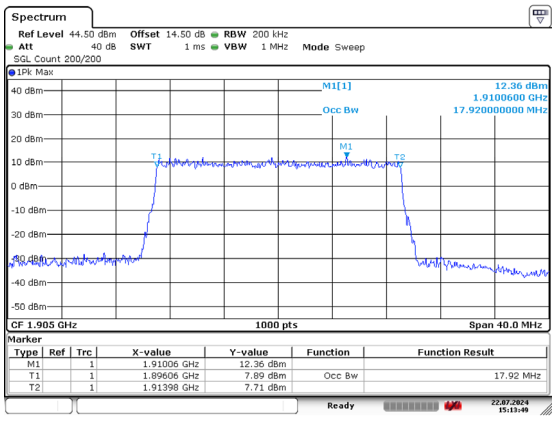
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:12:38

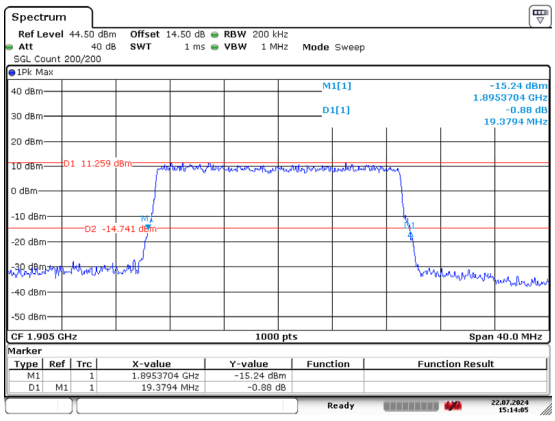
20MHz_High_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:13:50

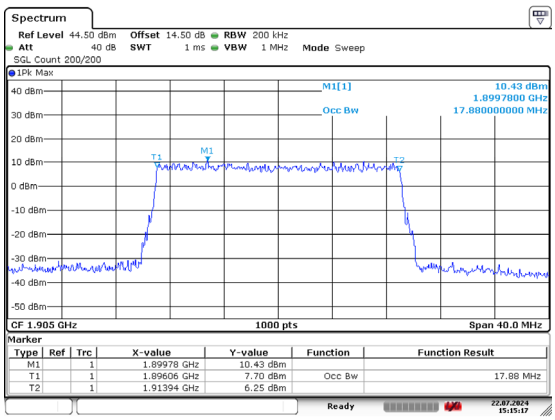
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:14:05

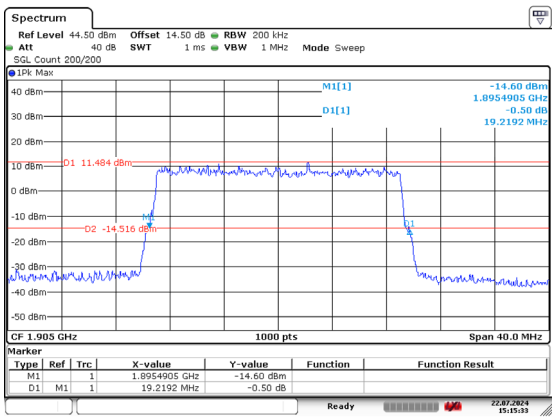
20MHz_High_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:15:18

26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 15:15:33

FCC Part 27

B4 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
1.4MHz_Low_QPSK_6@0	1.084	1.228
1.4MHz_Low_16QAM_6@0	1.086	1.242
1.4MHz_Middle_QPSK_6@0	1.081	1.239
1.4MHz_Middle_16QAM_6@0	1.089	1.247
1.4MHz_High_QPSK_6@0	1.089	1.250
1.4MHz_High_16QAM_6@0	1.089	1.270
3MHz_Low_QPSK_15@0	2.694	3.057
3MHz_Low_16QAM_15@0	2.688	3.045
3MHz_Middle_QPSK_15@0	2.688	3.021
3MHz_Middle_16QAM_15@0	2.694	3.027
3MHz_High_QPSK_15@0	2.688	2.985
3MHz_High_16QAM_15@0	2.688	3.021
5MHz_Low_QPSK_25@0	4.480	4.875
5MHz_Low_16QAM_25@0	4.480	4.945
5MHz_Middle_QPSK_25@0	4.480	4.895
5MHz_Middle_16QAM_25@0	4.480	4.885
5MHz_High_QPSK_25@0	4.480	4.865
5MHz_High_16QAM_25@0	4.480	4.925
10MHz_Low_QPSK_50@0	8.920	9.670
10MHz_Low_16QAM_50@0	8.980	9.710
10MHz_Middle_QPSK_50@0	8.960	9.750
10MHz_Middle_16QAM_50@0	8.940	9.750
10MHz_High_QPSK_50@0	8.920	9.730
10MHz_High_16QAM_50@0	8.960	9.650
15MHz_Low_QPSK_75@0	13.440	14.505
15MHz_Low_16QAM_75@0	13.410	14.565
15MHz_Middle_QPSK_75@0	13.470	14.745
15MHz_Middle_16QAM_75@0	13.410	14.655
15MHz_High_QPSK_75@0	13.440	14.414
15MHz_High_16QAM_75@0	13.440	14.685
20MHz_Low_QPSK_100@0	17.880	19.179

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_Low_16QAM_100@0	17.880	19.339
20MHz_Middle_QPSK_100@0	17.880	19.299
20MHz_Middle_16QAM_100@0	17.920	19.299
20MHz_High_QPSK_100@0	17.880	19.259
20MHz_High_16QAM_100@0	17.880	19.339

B12 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
1.4MHz_Low_QPSK_6@0	1.081	1.242
1.4MHz_Low_16QAM_6@0	1.081	1.230
1.4MHz_Middle_QPSK_6@0	1.078	1.228
1.4MHz_Middle_16QAM_6@0	1.081	1.236
1.4MHz_High_QPSK_6@0	1.078	1.230
1.4MHz_High_16QAM_6@0	1.089	1.233
3MHz_Low_QPSK_15@0	2.682	2.997
3MHz_Low_16QAM_15@0	2.694	3.039
3MHz_Middle_QPSK_15@0	2.688	2.973
3MHz_Middle_16QAM_15@0	2.688	3.027
3MHz_High_QPSK_15@0	2.688	2.991
3MHz_High_16QAM_15@0	2.682	2.991
5MHz_Low_QPSK_25@0	4.480	4.865
5MHz_Low_16QAM_25@0	4.460	4.835
5MHz_Middle_QPSK_25@0	4.480	4.895
5MHz_Middle_16QAM_25@0	4.470	4.905
5MHz_High_QPSK_25@0	4.460	4.895
5MHz_High_16QAM_25@0	4.470	4.905
10MHz_Low_QPSK_50@0	8.960	9.590
10MHz_Low_16QAM_50@0	8.960	9.730
10MHz_Middle_QPSK_50@0	8.940	9.690
10MHz_Middle_16QAM_50@0	8.980	9.710
10MHz_High_QPSK_50@0	8.960	9.730
10MHz_High_16QAM_50@0	8.940	9.710

B13 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_Low_QPSK_25@0	4.470	4.895
5MHz_Low_16QAM_25@0	4.480	4.915
5MHz_High_QPSK_25@0	4.470	4.885
5MHz_High_16QAM_25@0	4.480	4.875
10MHz_Middle_QPSK_50@0	8.960	9.730
10MHz_Middle_16QAM_50@0	8.920	9.710

B41 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_Low_QPSK_25@0	4.460	4.860
5MHz_Low_16QAM_25@0	4.450	4.860
5MHz_Middle_QPSK_25@0	4.460	4.870
5MHz_Middle_16QAM_25@0	4.460	4.890
5MHz_High_QPSK_25@0	4.460	4.870
5MHz_High_16QAM_25@0	4.460	4.930
10MHz_Low_QPSK_50@0	8.960	9.720
10MHz_Low_16QAM_50@0	8.960	9.660
10MHz_Middle_QPSK_50@0	8.960	9.720
10MHz_Middle_16QAM_50@0	8.960	9.820
10MHz_High_QPSK_50@0	8.960	9.720
10MHz_High_16QAM_50@0	8.940	9.860
15MHz_Low_QPSK_75@0	13.470	14.640
15MHz_Low_16QAM_75@0	13.440	14.700
15MHz_Middle_QPSK_75@0	13.410	14.670
15MHz_Middle_16QAM_75@0	13.440	14.850
15MHz_High_QPSK_75@0	13.470	14.550
15MHz_High_16QAM_75@0	13.440	15.270
20MHz_Low_QPSK_100@0	17.920	19.240
20MHz_Low_16QAM_100@0	17.880	19.440
20MHz_Middle_QPSK_100@0	17.880	19.280
20MHz_Middle_16QAM_100@0	17.920	19.480
20MHz_High_QPSK_100@0	17.880	19.200

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_High_16QAM_100@0	17.960	19.320

B66 , Normal

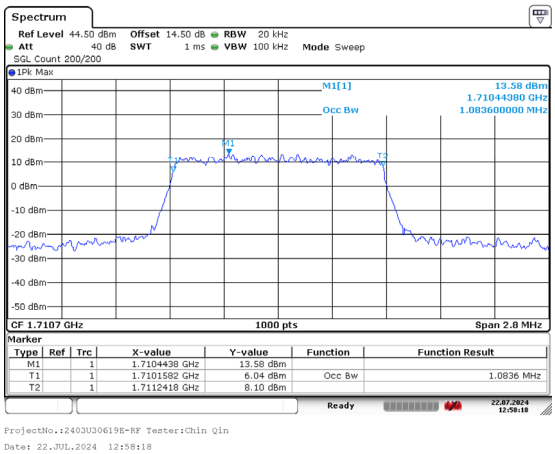
Mode	99% OBW (MHz)	EBW (MHz)
1.4MHz_Low_QPSK_6@0	1.081	1.233
1.4MHz_Low_16QAM_6@0	1.089	1.247
1.4MHz_Middle_QPSK_6@0	1.089	1.242
1.4MHz_Middle_16QAM_6@0	1.089	1.236
1.4MHz_High_QPSK_6@0	1.086	1.247
1.4MHz_High_16QAM_6@0	1.086	1.230
3MHz_Low_QPSK_15@0	2.682	3.021
3MHz_Low_16QAM_15@0	2.694	3.069
3MHz_Middle_QPSK_15@0	2.688	3.021
3MHz_Middle_16QAM_15@0	2.682	2.997
3MHz_High_QPSK_15@0	2.682	3.069
3MHz_High_16QAM_15@0	2.688	2.997
5MHz_Low_QPSK_25@0	4.480	4.935
5MHz_Low_16QAM_25@0	4.470	4.915
5MHz_Middle_QPSK_25@0	4.480	4.905
5MHz_Middle_16QAM_25@0	4.470	4.925
5MHz_High_QPSK_25@0	4.470	4.905
5MHz_High_16QAM_25@0	4.470	4.865
10MHz_Low_QPSK_50@0	8.960	9.730
10MHz_Low_16QAM_50@0	8.980	9.730
10MHz_Middle_QPSK_50@0	8.940	9.730
10MHz_Middle_16QAM_50@0	8.940	9.630
10MHz_High_QPSK_50@0	8.940	9.810
10MHz_High_16QAM_50@0	8.960	9.750
15MHz_Low_QPSK_75@0	13.440	14.505
15MHz_Low_16QAM_75@0	13.410	14.565
15MHz_Middle_QPSK_75@0	13.410	14.685
15MHz_Middle_16QAM_75@0	13.440	14.835
15MHz_High_QPSK_75@0	13.410	14.775

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_High_16QAM_75@0	13.410	14.655
20MHz_Low_QPSK_100@0	17.880	19.299
20MHz_Low_16QAM_100@0	17.840	19.219
20MHz_Middle_QPSK_100@0	17.920	19.219
20MHz_Middle_16QAM_100@0	17.880	19.299
20MHz_High_QPSK_100@0	17.840	19.139
20MHz_High_16QAM_100@0	17.800	19.299

B4 , Normal

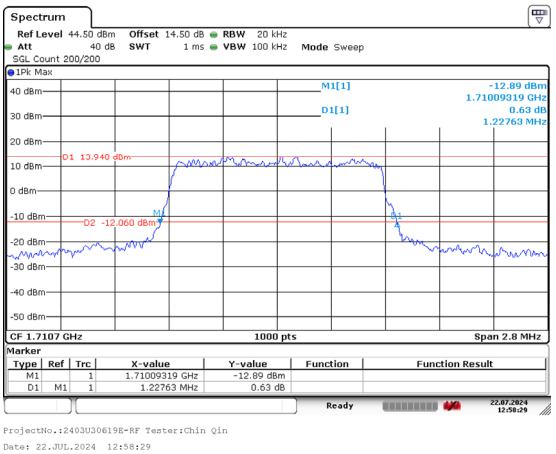
1.4MHz_Low_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 12:58:18

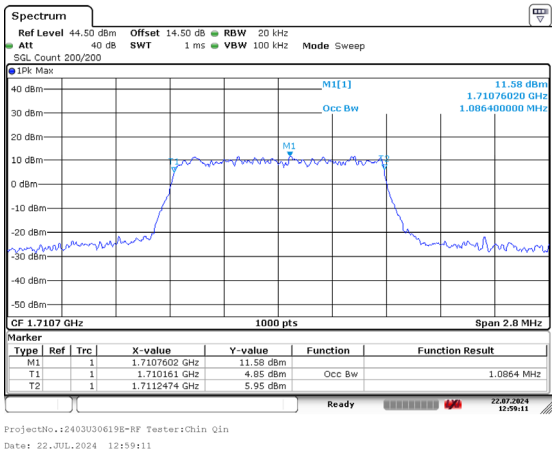
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 12:58:29

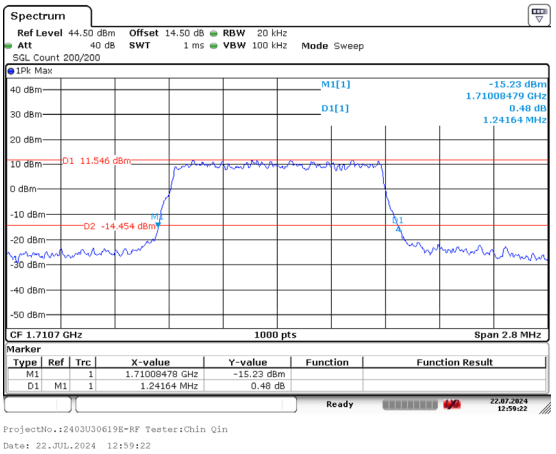
1.4MHz_Low_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 12:59:11

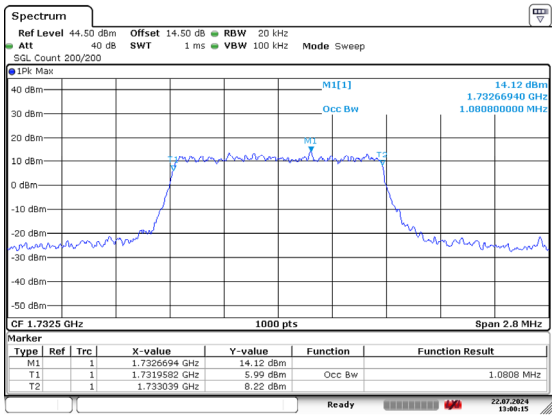
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 12:59:22

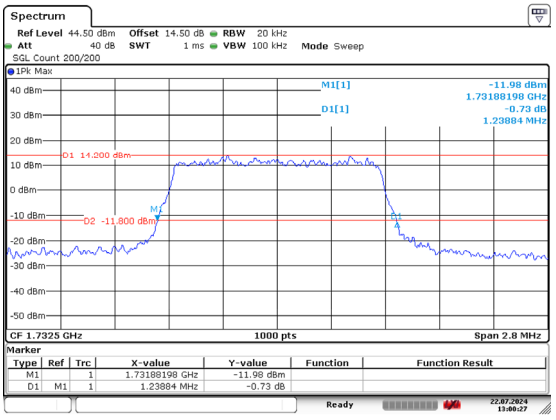
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:00:16

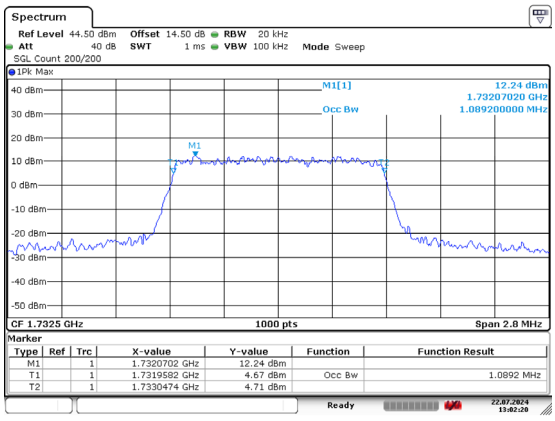
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:00:27

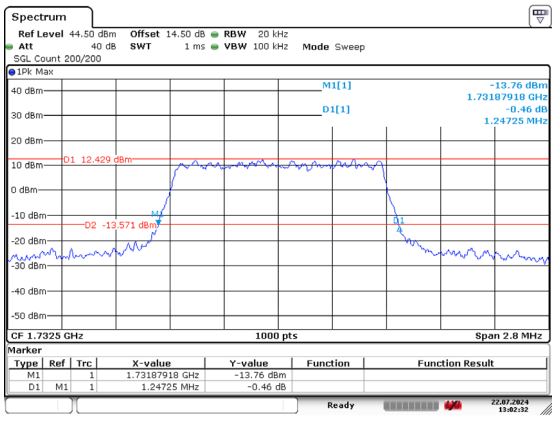
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:02:21

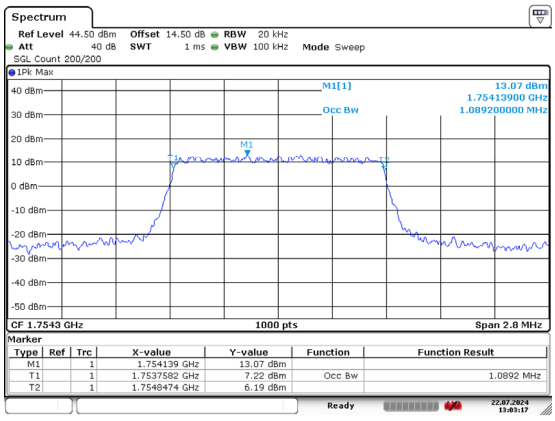
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:02:32

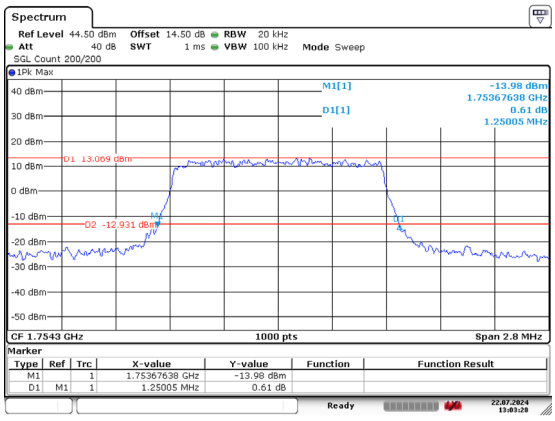
1.4MHz_High_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:03:17

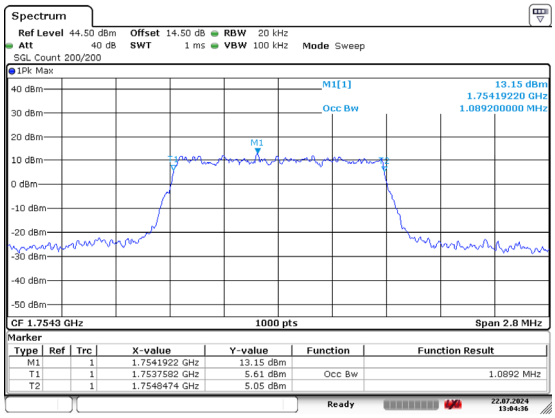
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:03:28

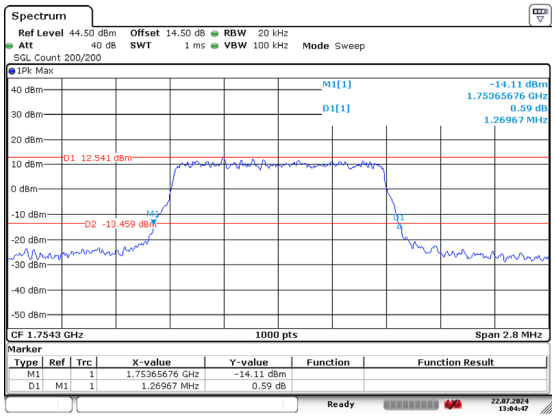
1.4MHz_High_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:04:36

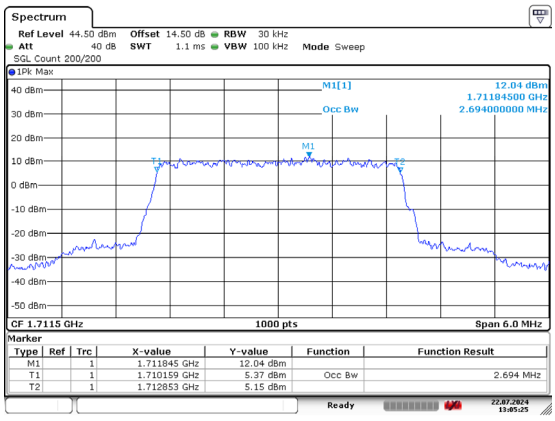
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:04:47

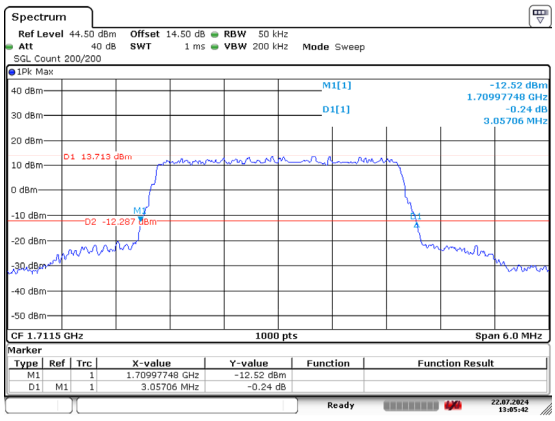
3MHz_Low_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:05:25

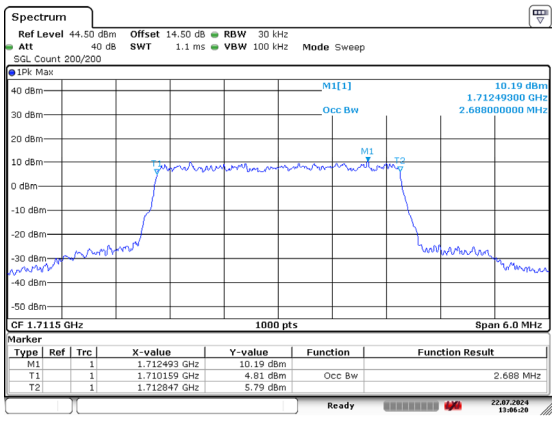
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:05:42

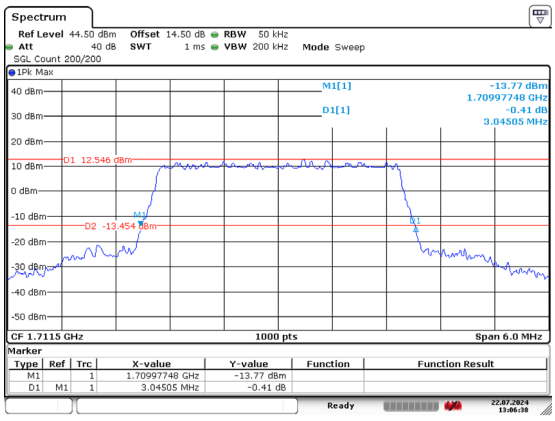
3MHz_Low_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:06:21

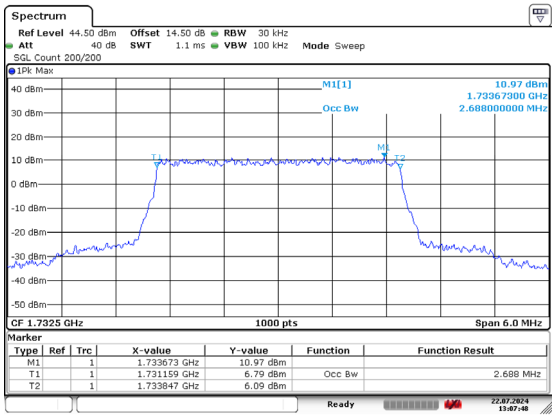
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:06:38

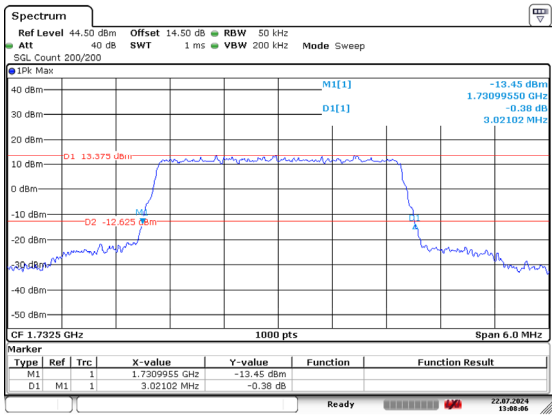
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:07:48

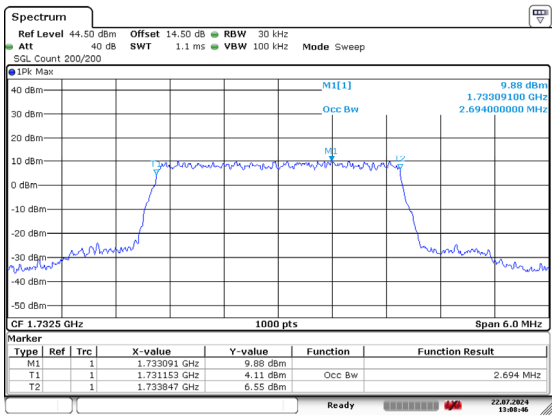
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:08:07

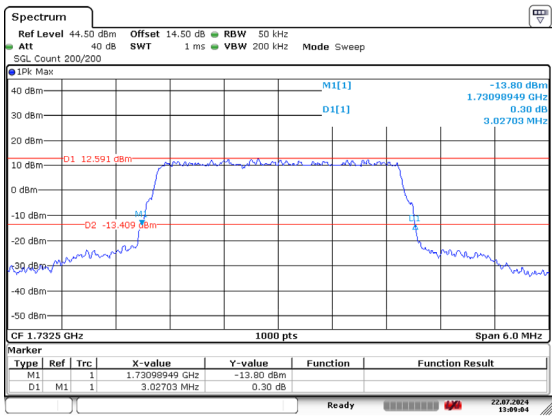
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:08:46

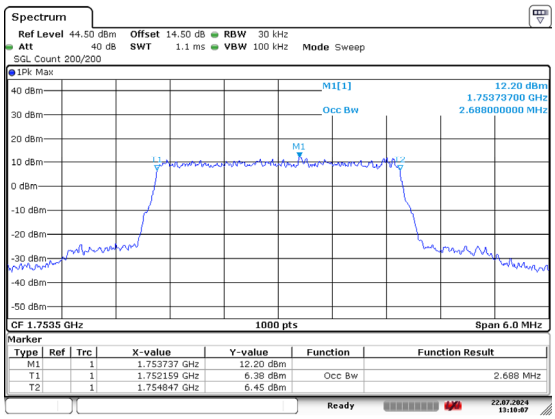
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:09:04

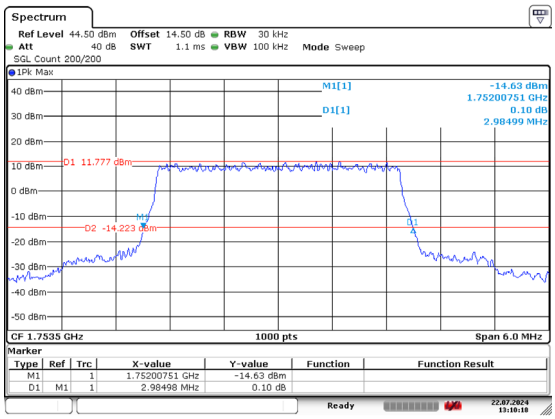
3MHz_High_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:10:07

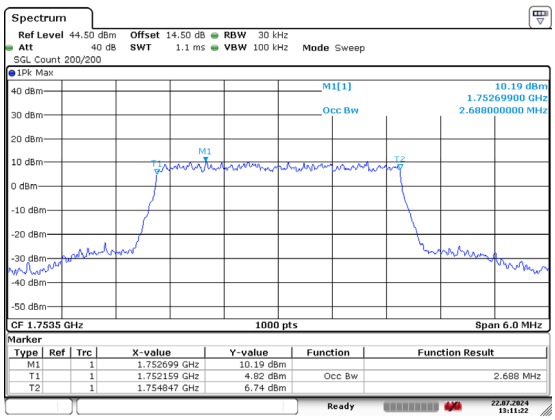
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:10:19

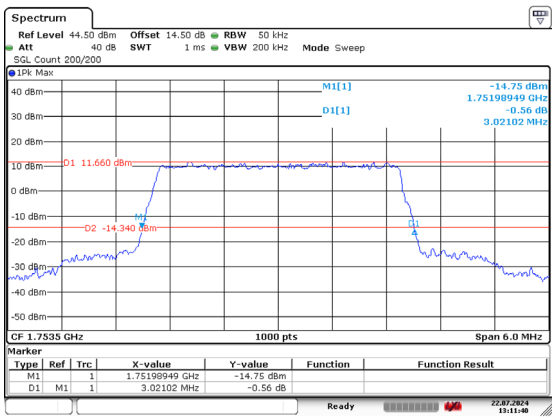
3MHz_High_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:11:22

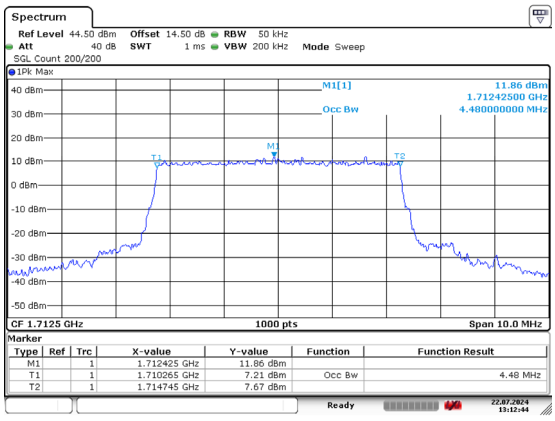
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:11:40

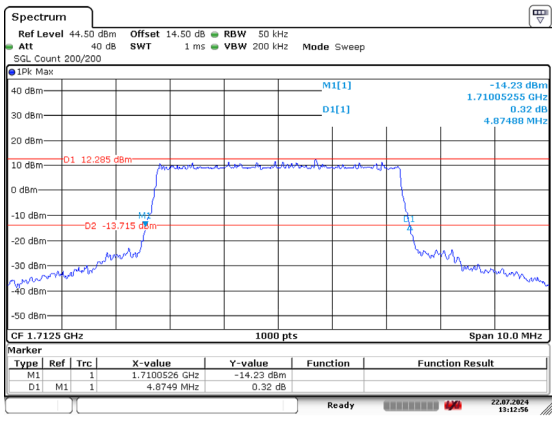
5MHz_Low_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:12:45

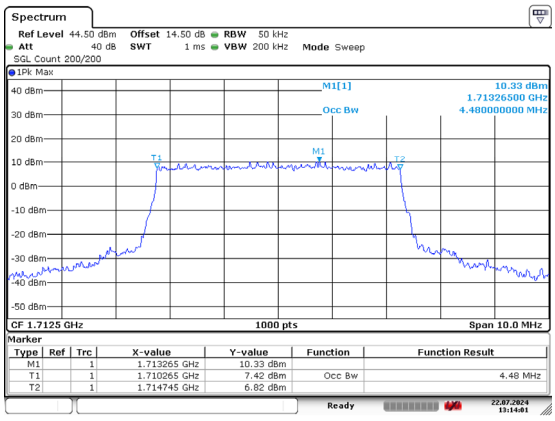
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:12:57

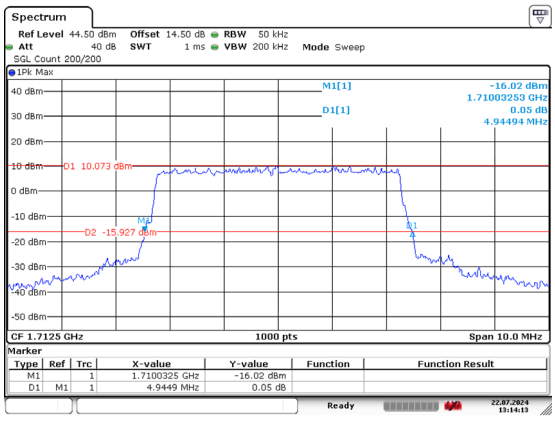
5MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:14:01

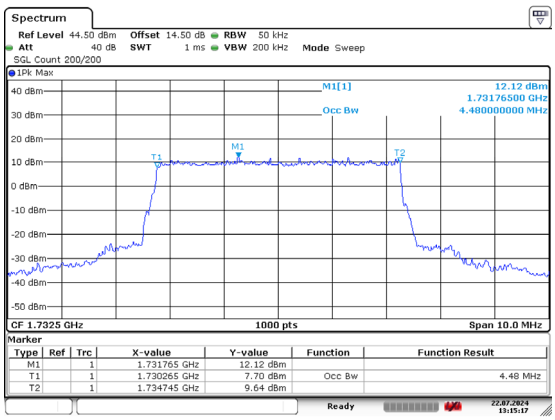
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:14:13

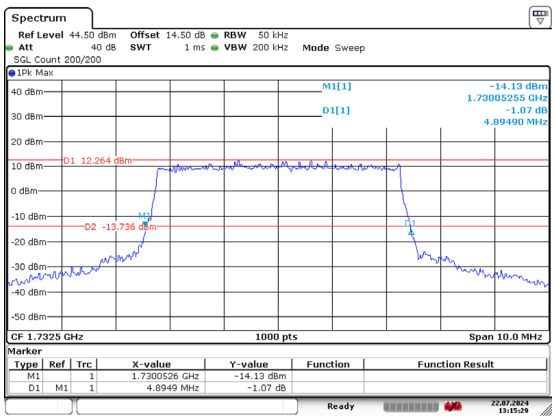
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:15:17

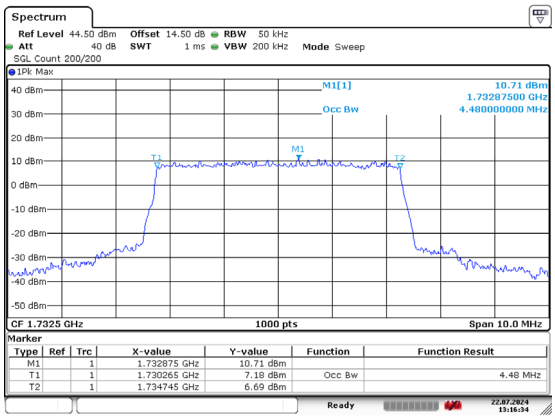
26dB Bandwidth



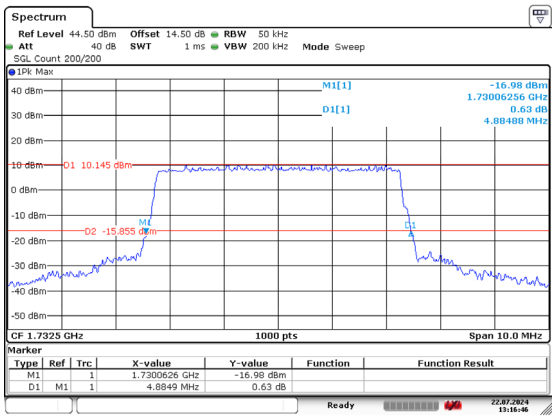
ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:15:29

5MHz_Middle_16QAM_25@0

Occupied Bandwidth

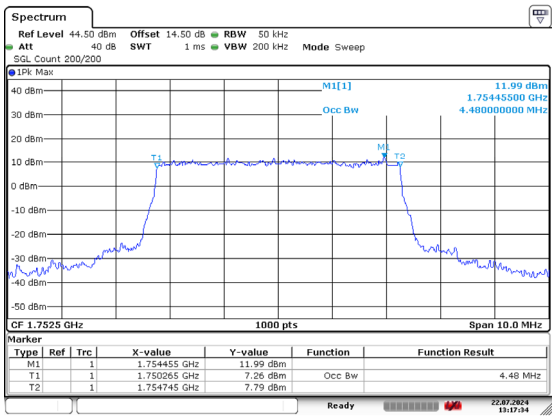


26dB Bandwidth

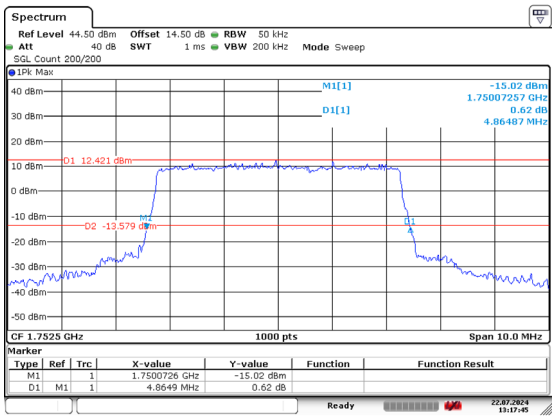


5MHz_High_QPSK_25@0

Occupied Bandwidth

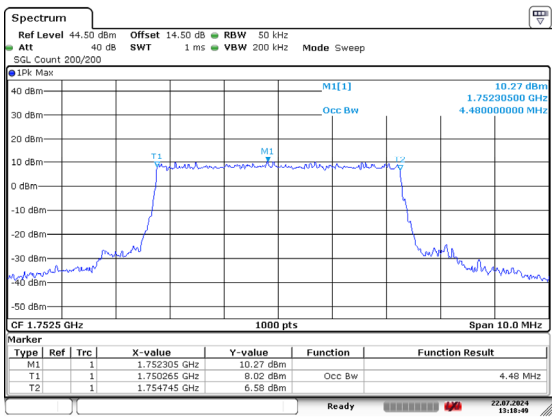


26dB Bandwidth

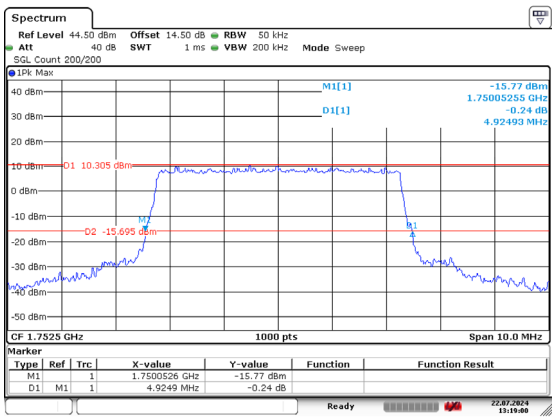


5MHz_High_16QAM_25@0

Occupied Bandwidth

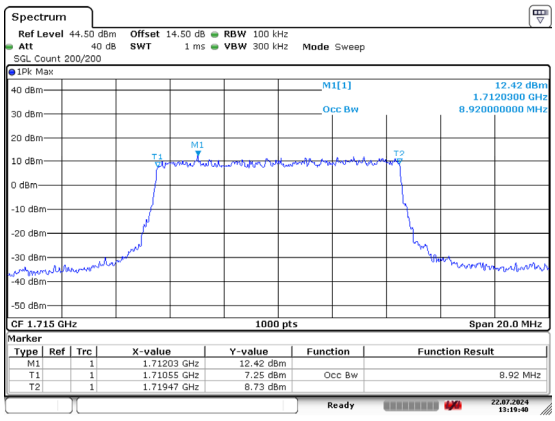


26dB Bandwidth



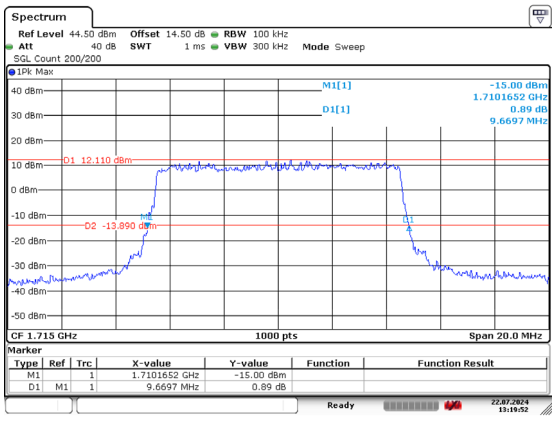
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:19:40

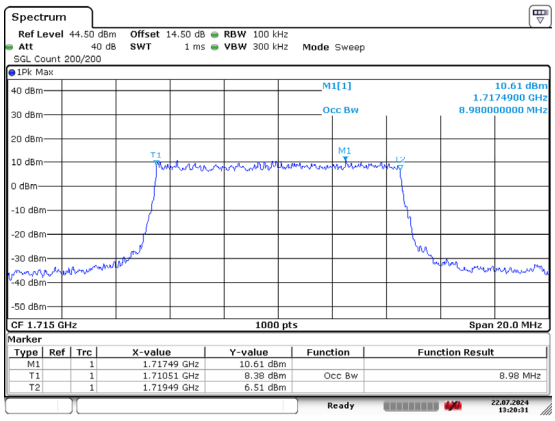
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:19:52

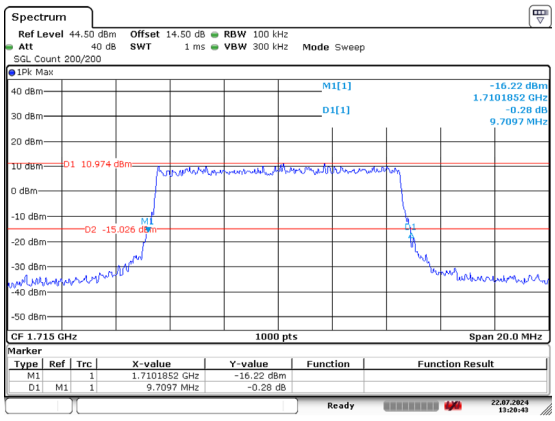
10MHz_Low_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:20:32

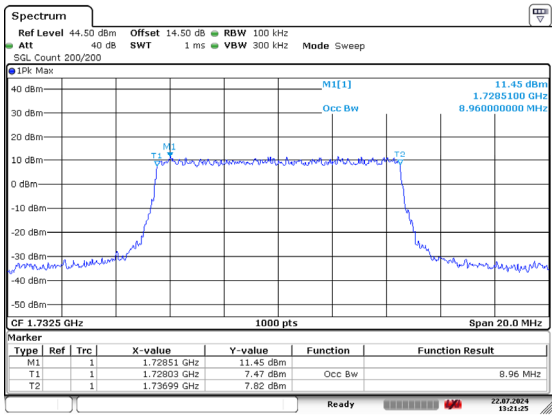
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:20:43

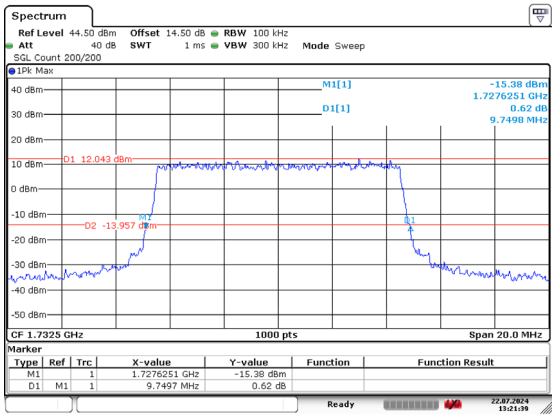
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:21:25

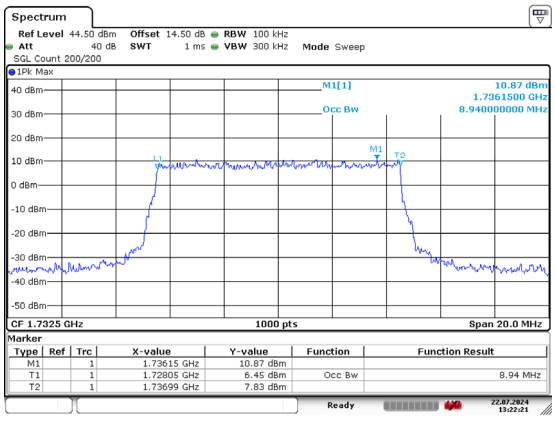
26dB Bandwidth



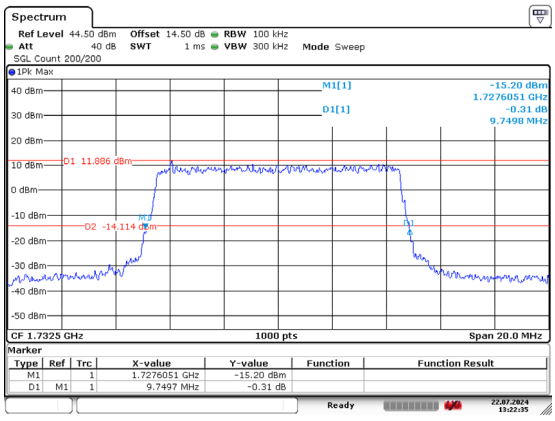
ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:21:39

10MHz_Middle_16QAM_50@0

Occupied Bandwidth

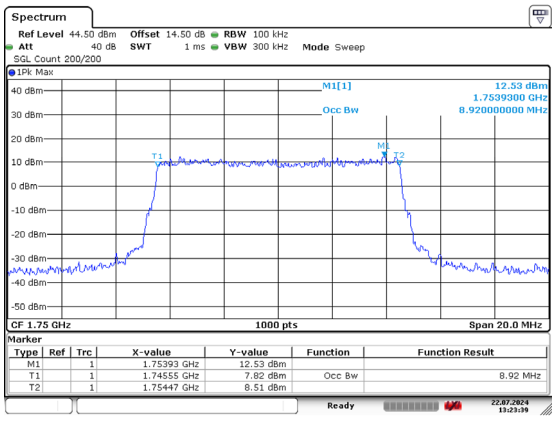


26dB Bandwidth

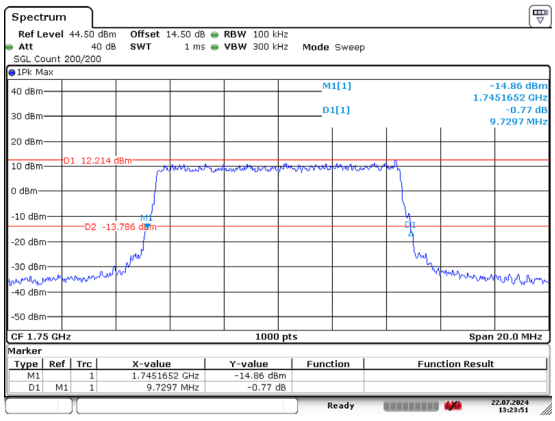


10MHz_High_QPSK_50@0

Occupied Bandwidth

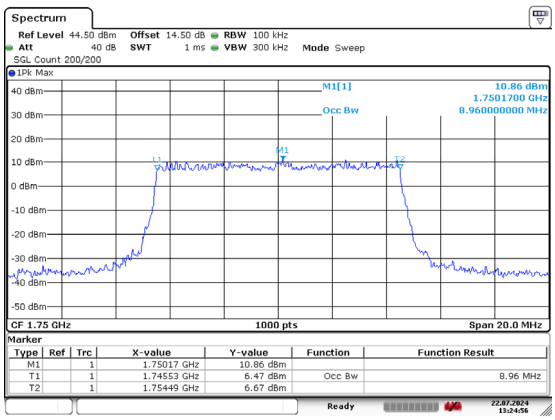


26dB Bandwidth

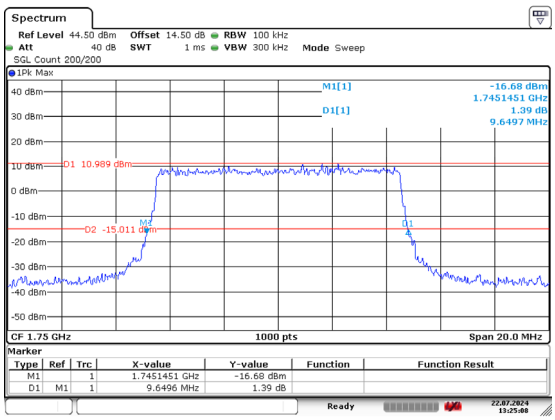


10MHz_High_16QAM_50@0

Occupied Bandwidth

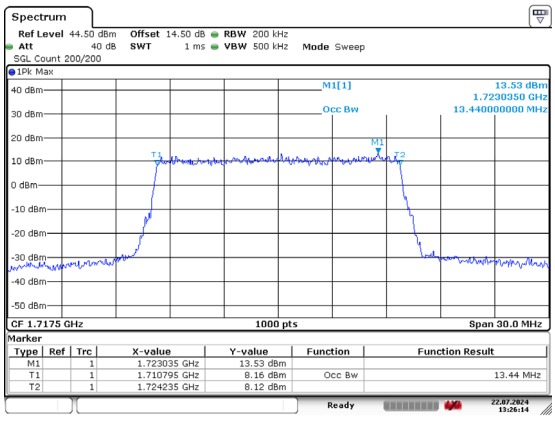


26dB Bandwidth



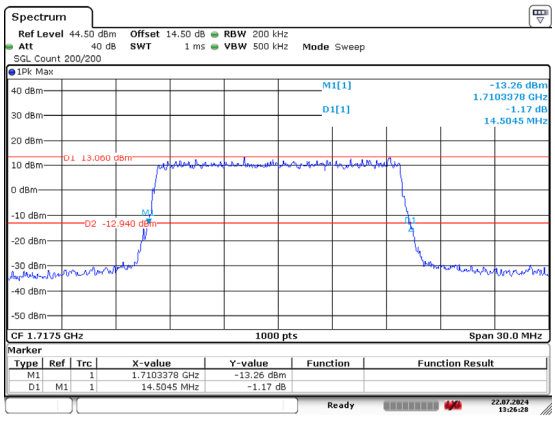
15MHz_Low_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:26:14

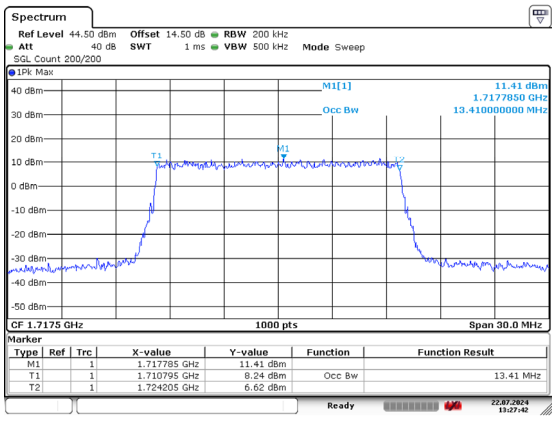
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:26:28

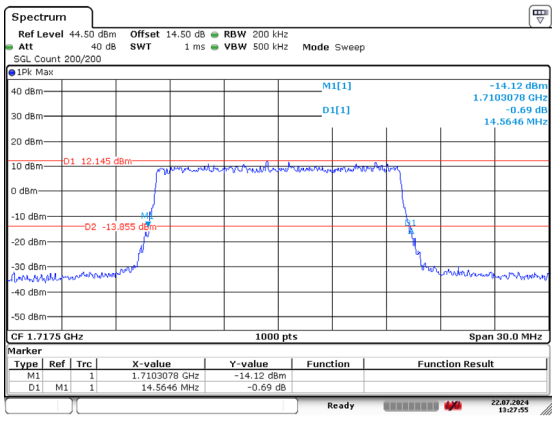
15MHz_Low_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:27:42

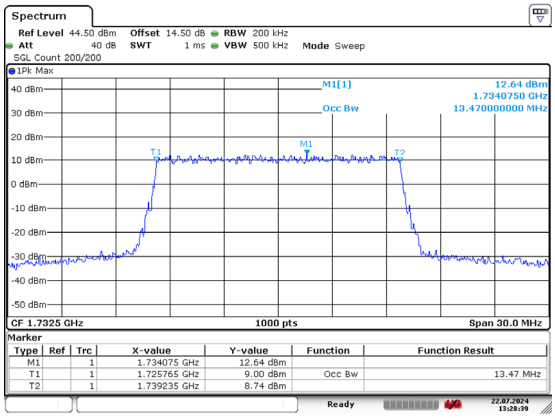
26dB Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:27:56

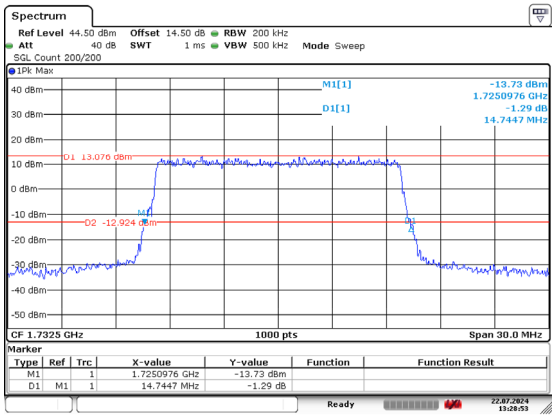
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:28:39

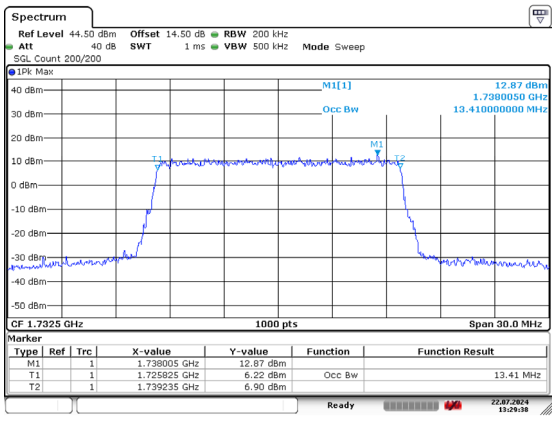
26dB Bandwidth



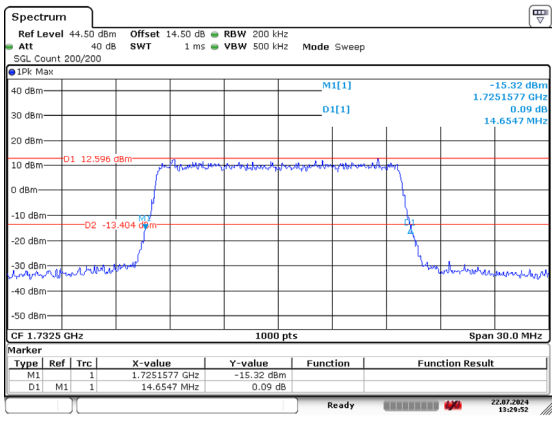
ProjectNo.:2403U30619E-RF Tester:Chin Qin
Date: 22.JUL.2024 13:28:53

15MHz_Middle_16QAM_75@0

Occupied Bandwidth

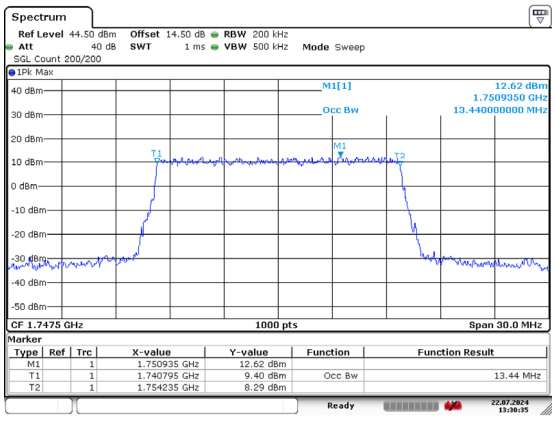


26dB Bandwidth

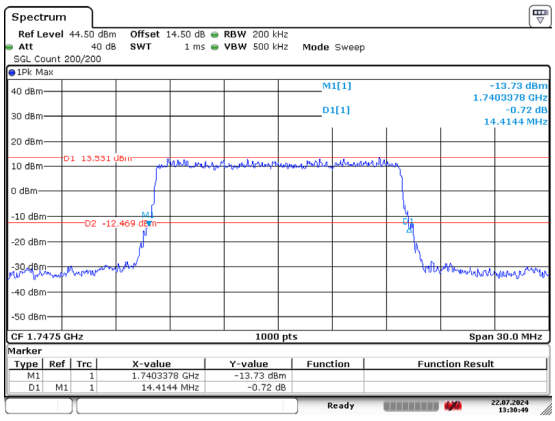


15MHz_High_QPSK_75@0

Occupied Bandwidth

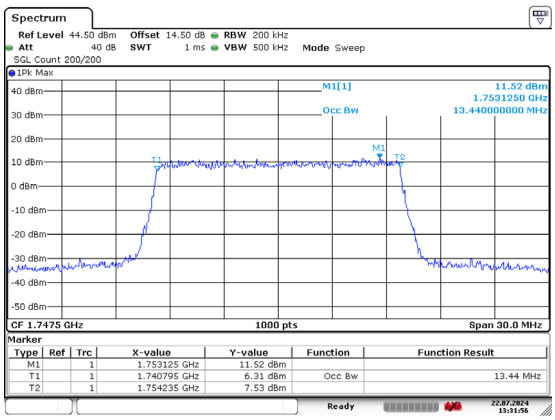
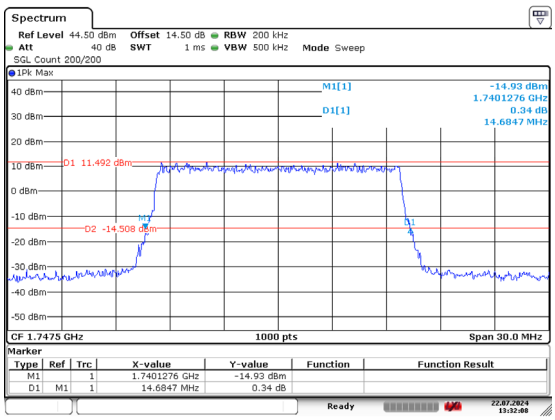


26dB Bandwidth



15MHz_High_16QAM_75@0

Occupied Bandwidth



26dB Bandwidth