

Occupied Bandwidth

FCC Part 22H

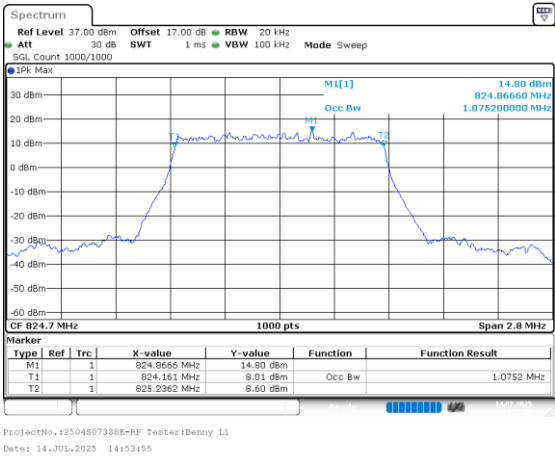
LTE Band 5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.075	1.244
1.4MHz_Low_16QAM_6@0	1.089	1.281
1.4MHz_Middle_QPSK_6@0	1.086	1.273
1.4MHz_Middle_16QAM_6@0	1.078	1.270
1.4MHz_High_QPSK_6@0	1.078	1.253
1.4MHz_High_16QAM_6@0	1.081	1.275
3MHz_Low_QPSK_15@0	2.682	2.877
3MHz_Low_16QAM_15@0	2.676	2.871
3MHz_Middle_QPSK_15@0	2.676	2.877
3MHz_Middle_16QAM_15@0	2.682	2.889
3MHz_High_QPSK_15@0	2.670	2.877
3MHz_High_16QAM_15@0	2.676	2.877
5MHz_Low_QPSK_25@0	4.460	4.835
5MHz_Low_16QAM_25@0	4.460	4.825
5MHz_Middle_QPSK_25@0	4.470	4.845
5MHz_Middle_16QAM_25@0	4.480	4.845
5MHz_High_QPSK_25@0	4.470	4.825
5MHz_High_16QAM_25@0	4.470	4.855
10MHz_Low_QPSK_50@0	8.940	9.670
10MHz_Low_16QAM_50@0	8.940	9.610
10MHz_Middle_QPSK_50@0	8.940	9.570
10MHz_Middle_16QAM_50@0	8.940	9.630
10MHz_High_QPSK_50@0	8.940	9.570
10MHz_High_16QAM_50@0	8.920	9.590

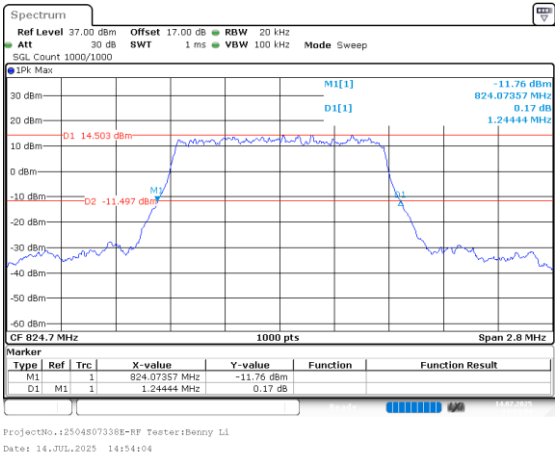
LTE Band 5, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

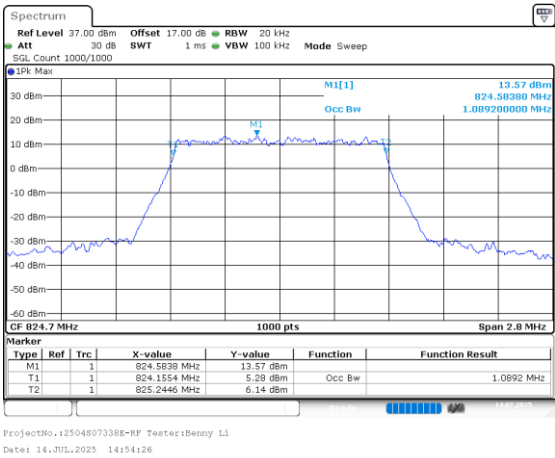


26dB Bandwidth

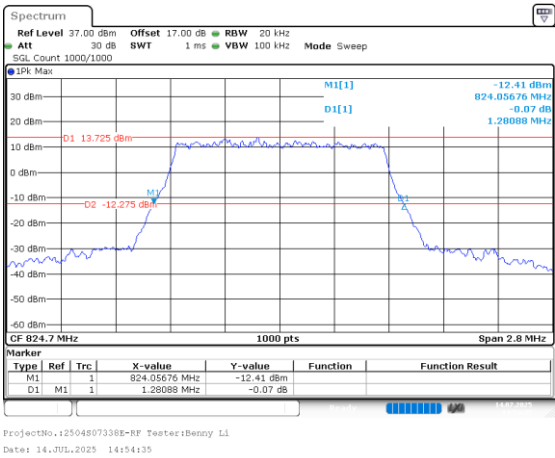


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

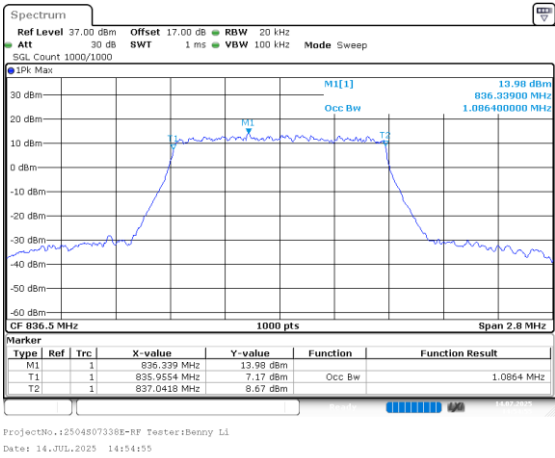


26dB Bandwidth

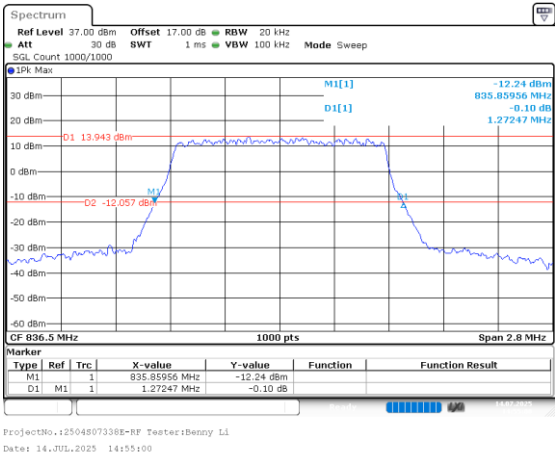


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



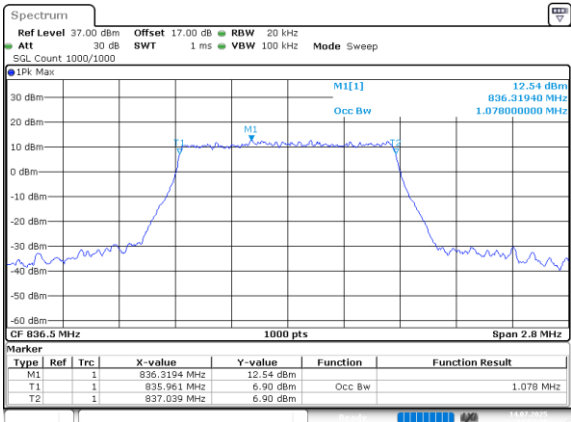
26dB Bandwidth



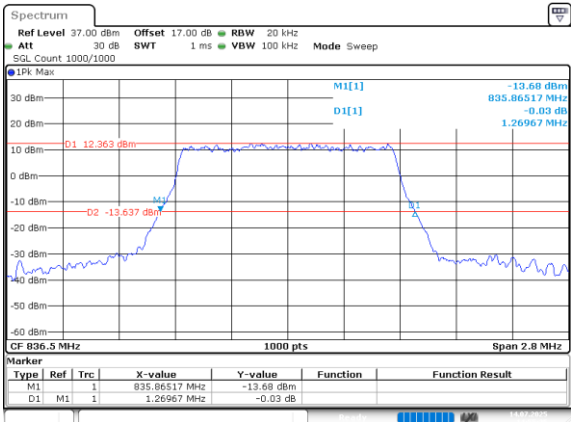
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:55:20

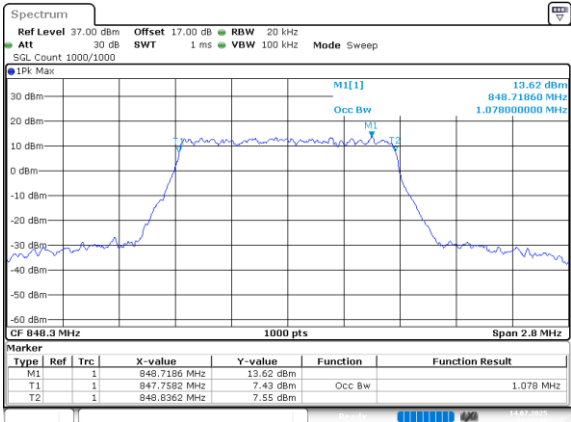


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:55:25

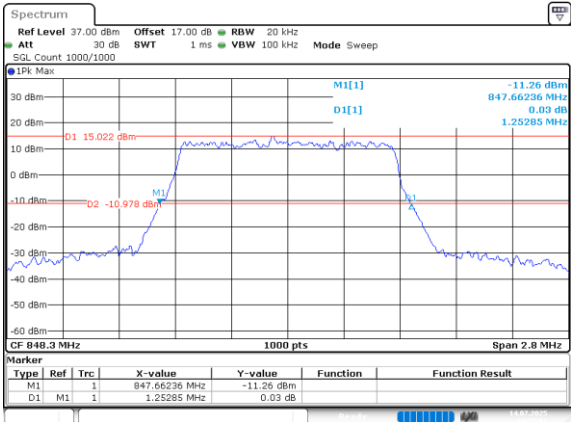
1.4MHz_High_QPSK_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:55:46

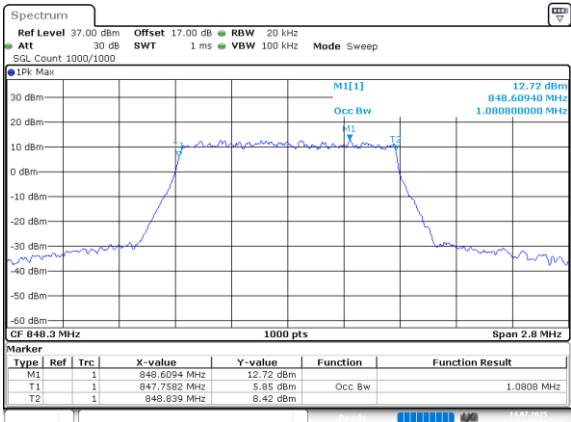


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:55:51

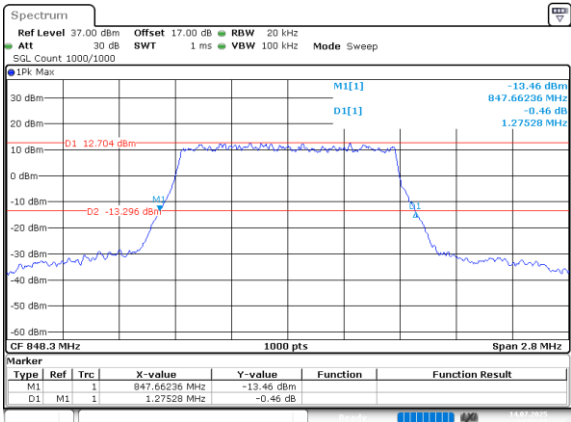
1.4MHz_High_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:56:11

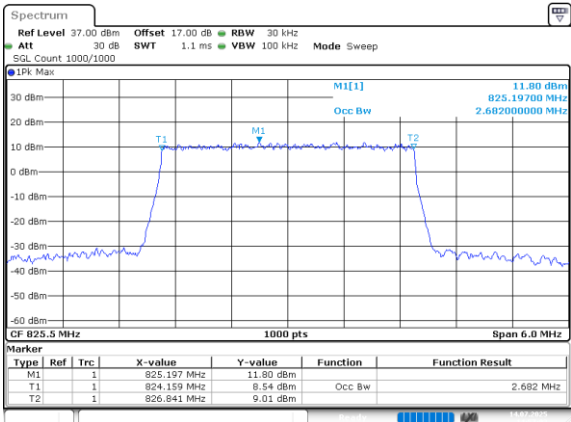


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:56:17

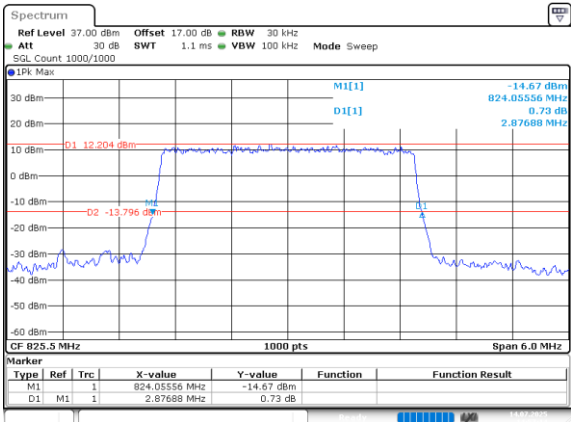
3MHz_Low_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:57:02

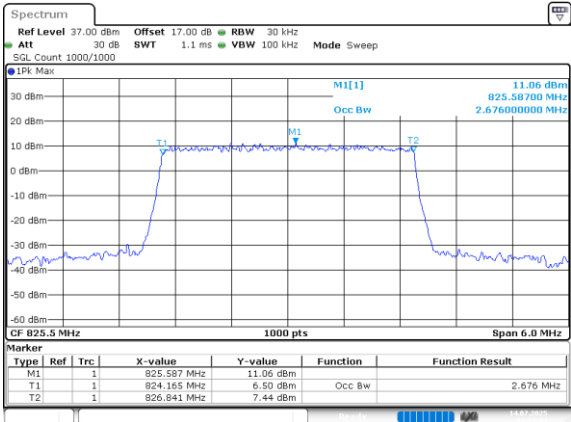


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:57:14

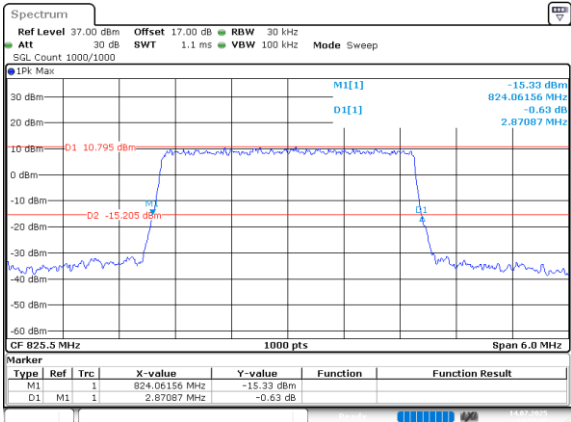
3MHz_Low_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:57:33

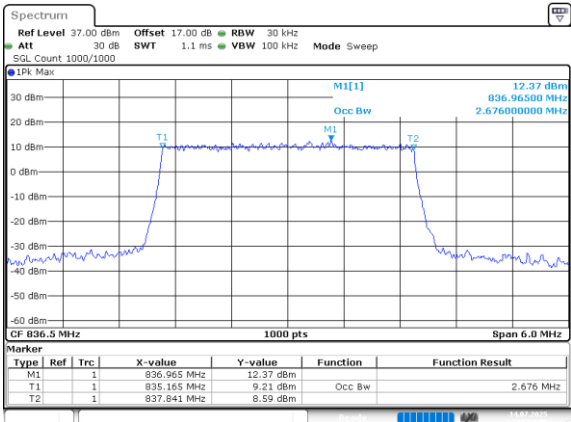


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:57:45

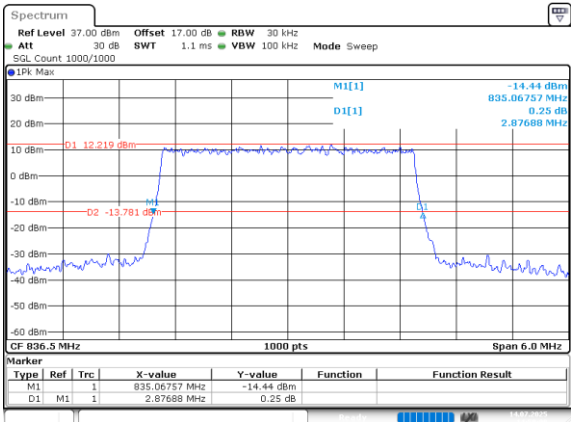
3MHz_Middle_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:58:00

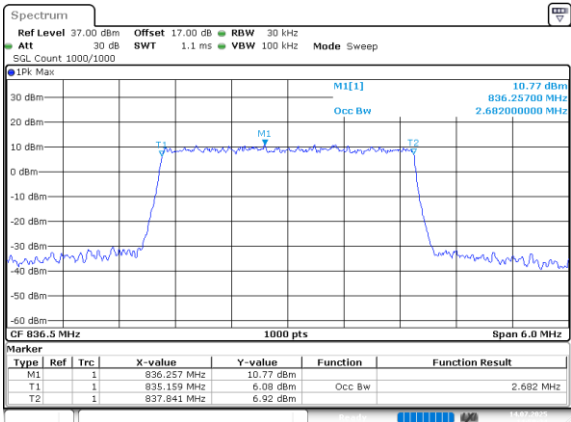


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:58:09

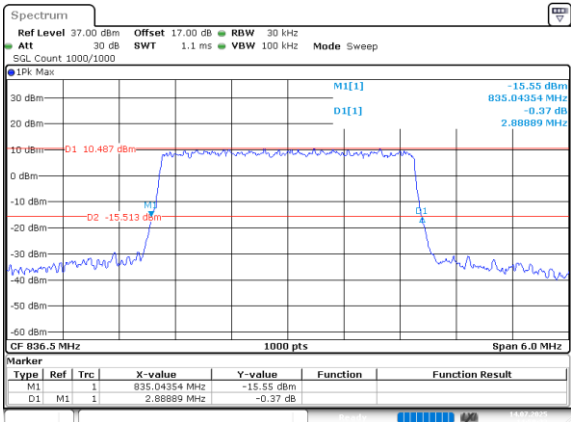
3MHz_Middle_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:58:24

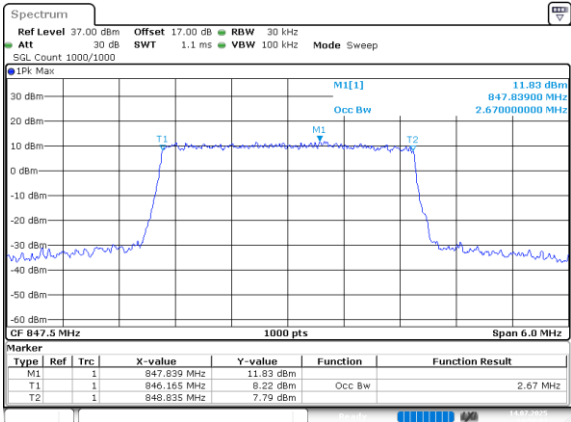


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:58:32

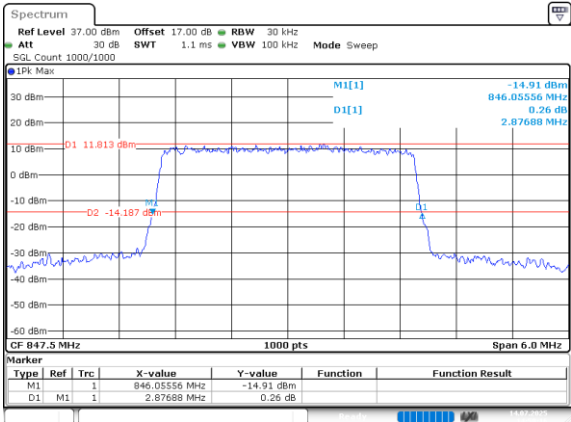
3MHz_High_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:59:07

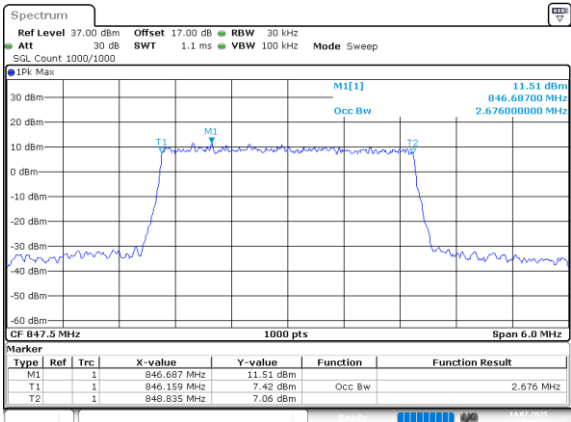


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:59:16

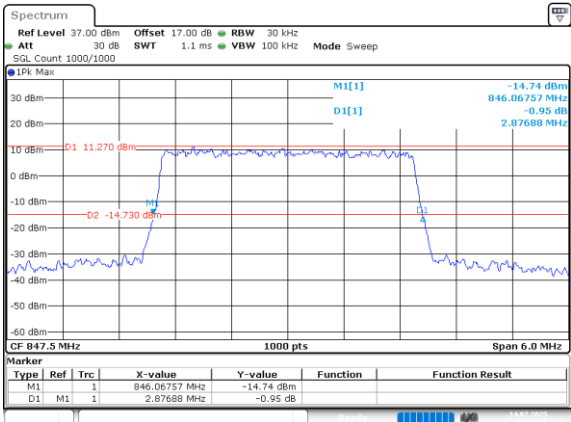
3MHz_High_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



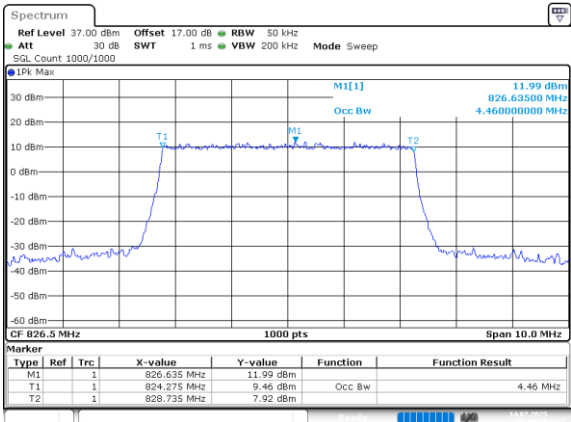
ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:59:32



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 14:59:40

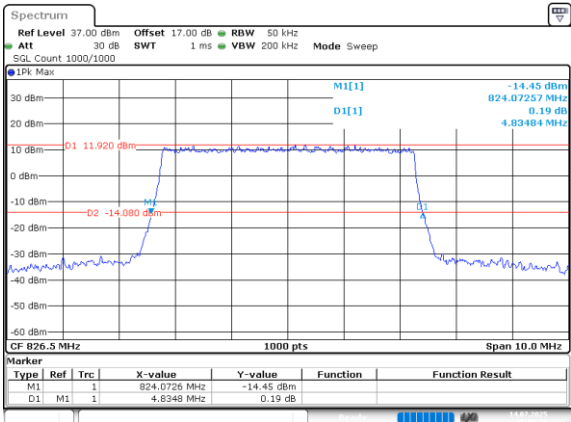
5MHz_Low_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:00:26

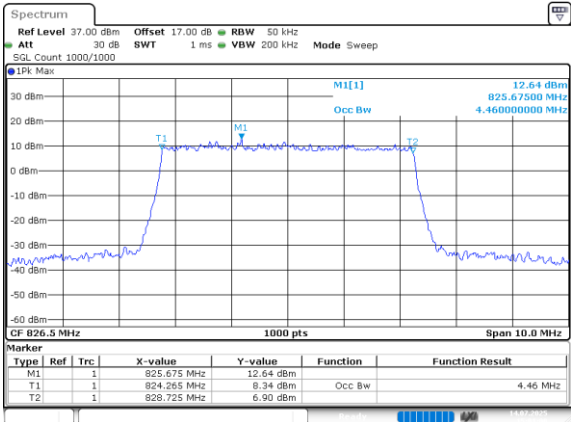
26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:00:38

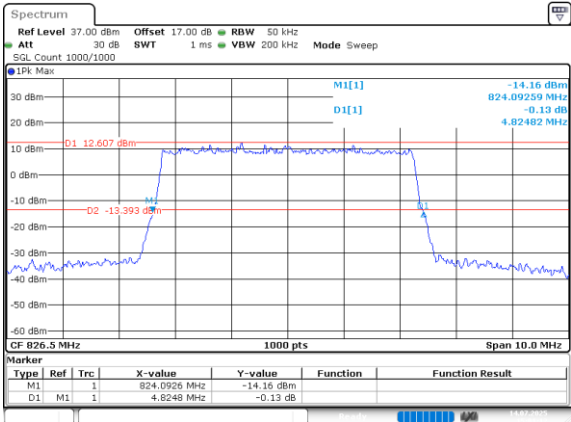
5MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:01:00

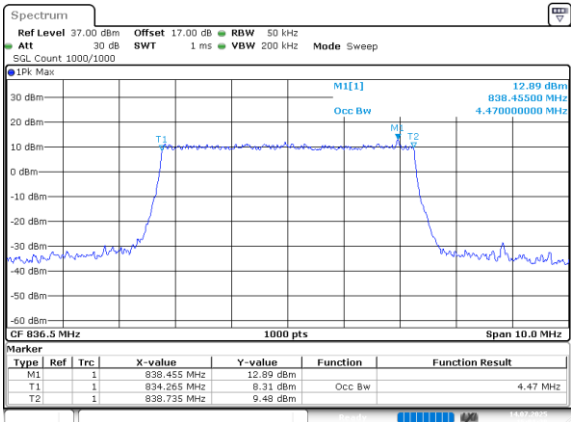
26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:01:12

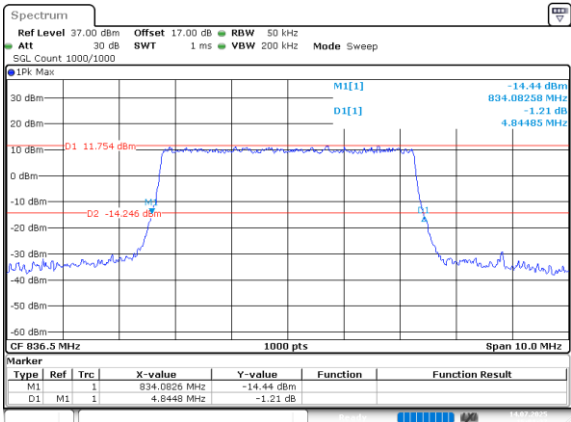
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:01:29

26dB Bandwidth

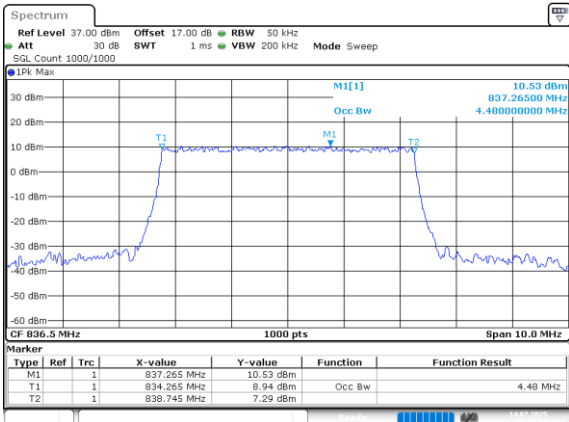


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:01:37

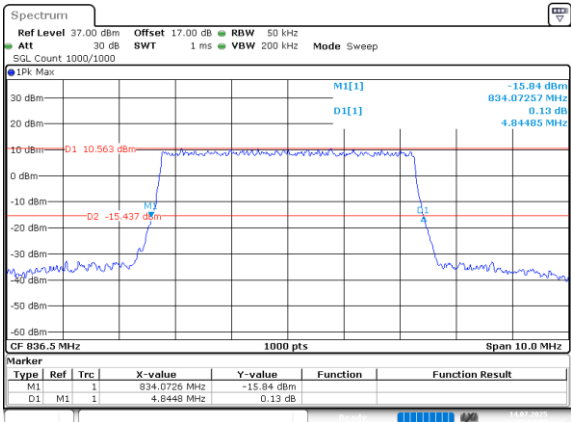
5MHz_Middle_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:01:54

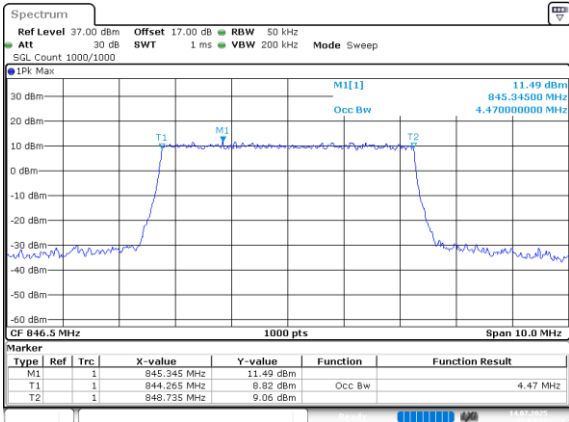


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:02:03

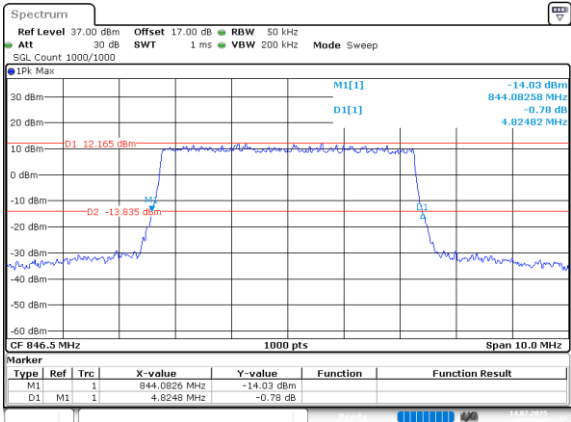
5MHz_High_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:02:21

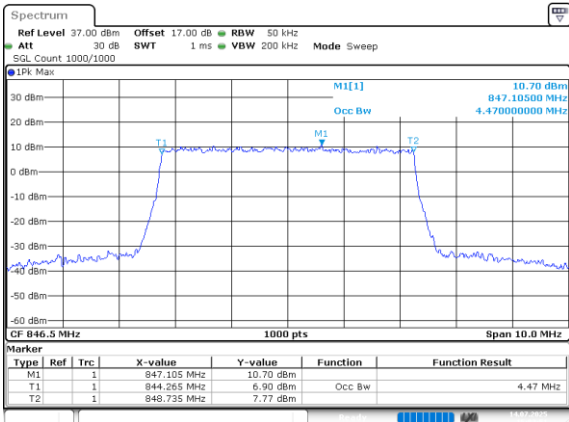


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:02:32

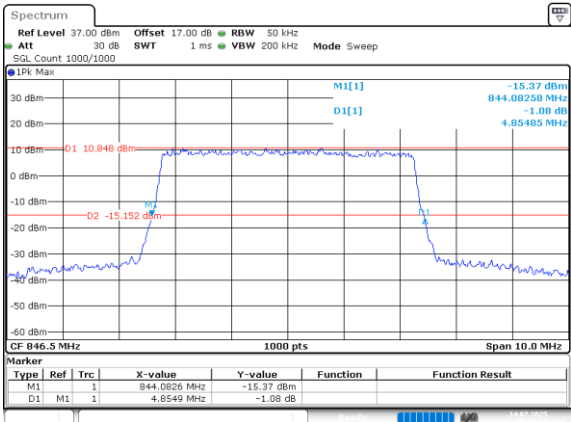
5MHz_High_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:02:51

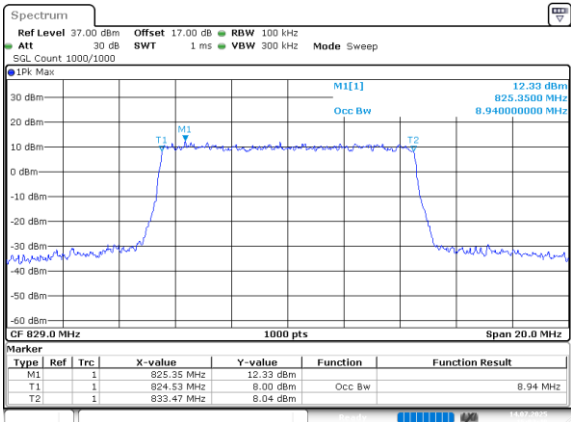


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:03:01

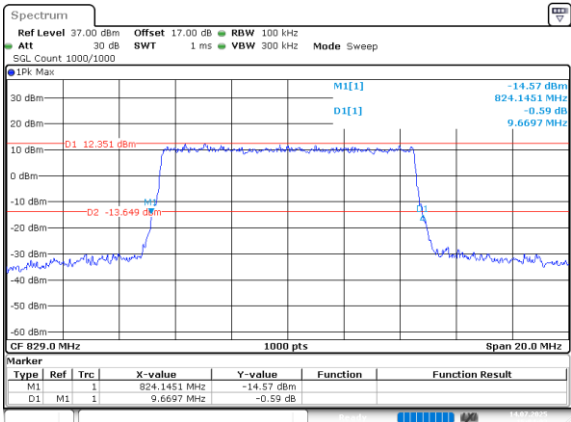
10MHz_Low_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:03:49

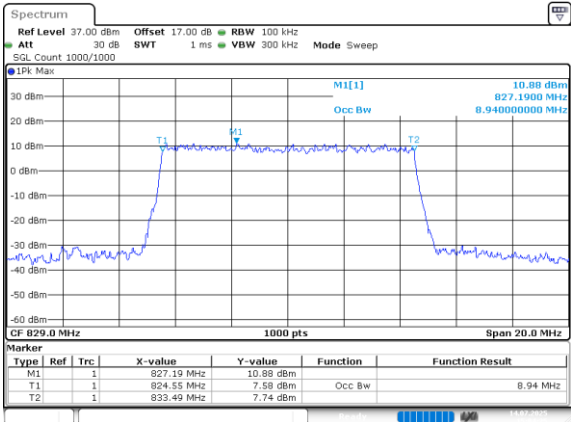


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:04:03

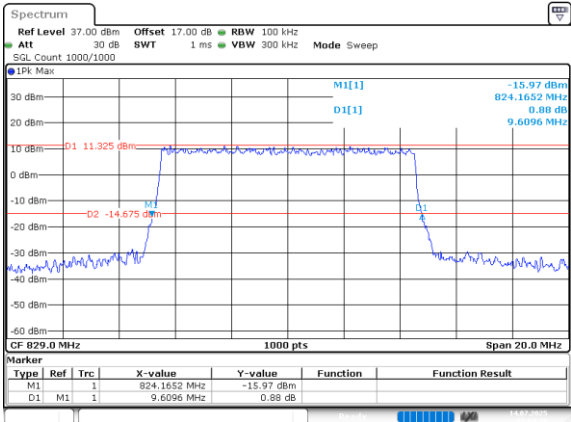
10MHz_Low_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:04:25

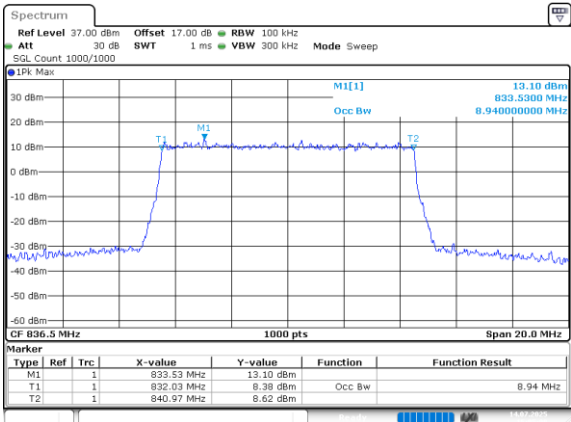


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:04:39

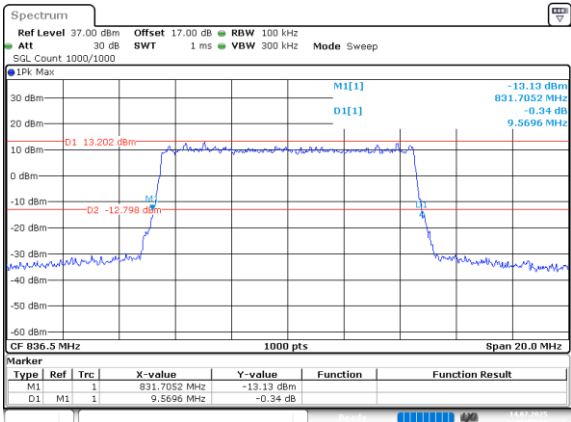
10MHz_Middle_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:05:00

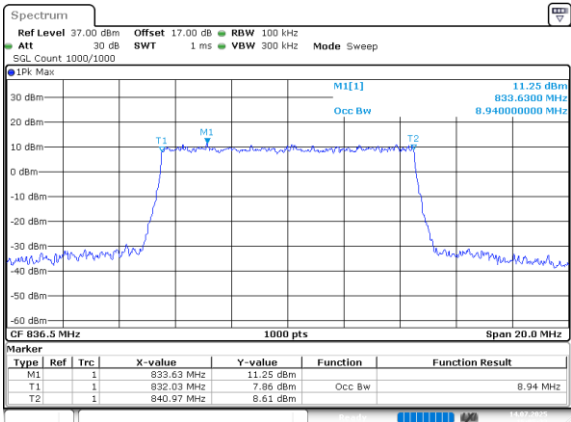


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:05:12

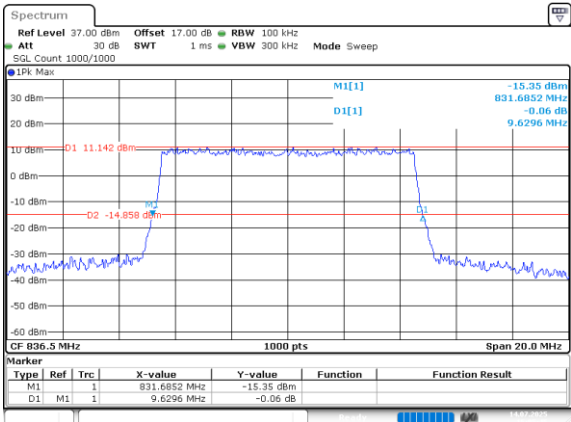
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:05:33

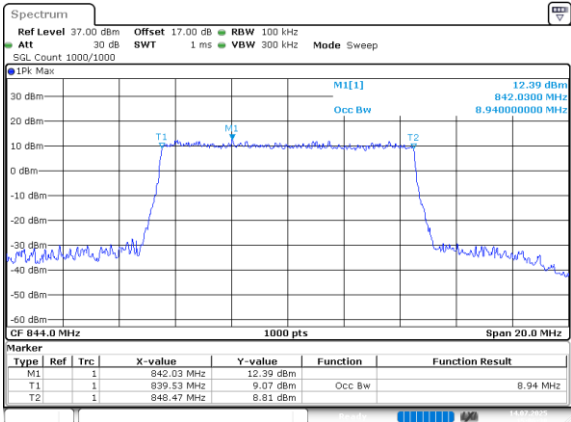


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:05:45

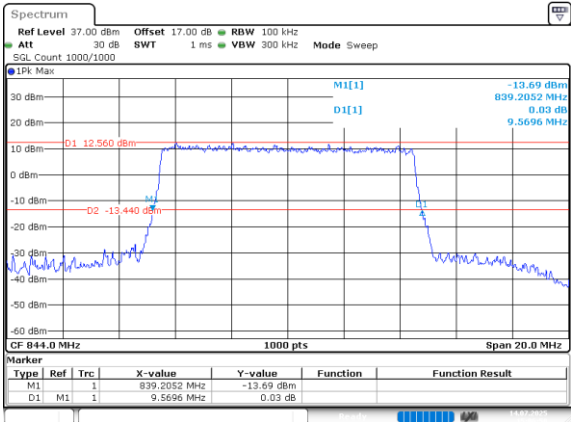
10MHz_High_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:06:38

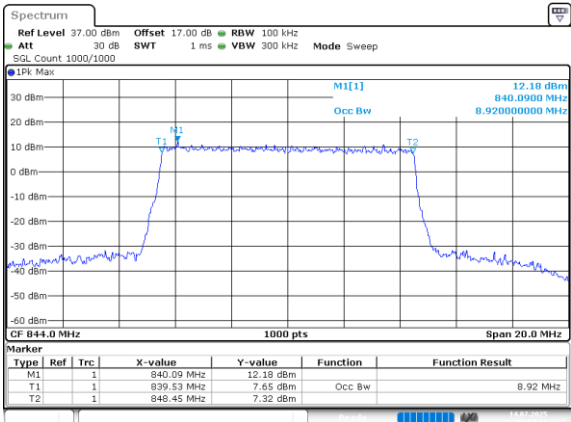


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:06:50

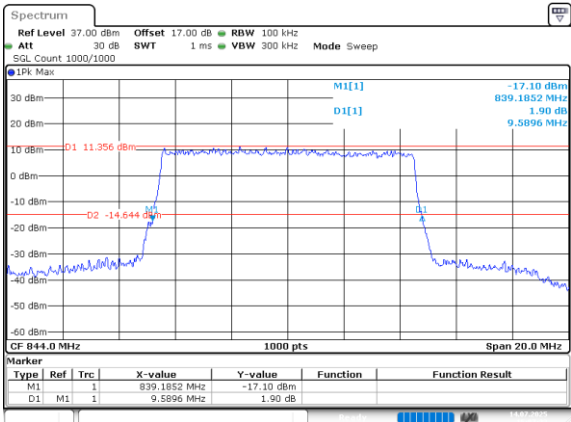
10MHz_High_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:07:11



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 14.JUL.2025 15:07:23

FCC Part 24E

LTE Band 2, Normal

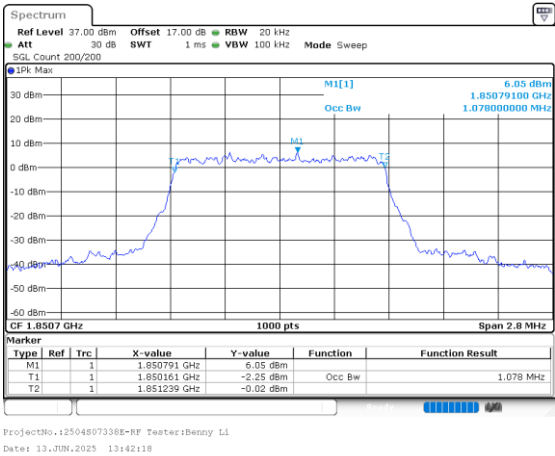
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.078	1.230
1.4MHz_Low_16QAM_6@0	1.084	1.292
1.4MHz_Middle_QPSK_6@0	1.084	1.267
1.4MHz_Middle_16QAM_6@0	1.078	1.267
1.4MHz_High_QPSK_6@0	1.075	1.259
1.4MHz_High_16QAM_6@0	1.078	1.264
3MHz_Low_QPSK_15@0	2.670	2.877
3MHz_Low_16QAM_15@0	2.682	2.865
3MHz_Middle_QPSK_15@0	2.670	2.865
3MHz_Middle_16QAM_15@0	2.676	2.889
3MHz_High_QPSK_15@0	2.676	2.859
3MHz_High_16QAM_15@0	2.682	2.895
5MHz_Low_QPSK_25@0	4.470	4.795
5MHz_Low_16QAM_25@0	4.460	4.795
5MHz_Middle_QPSK_25@0	4.460	4.795
5MHz_Middle_16QAM_25@0	4.470	4.845
5MHz_High_QPSK_25@0	4.460	4.805
5MHz_High_16QAM_25@0	4.450	4.805
10MHz_Low_QPSK_50@0	8.900	9.490
10MHz_Low_16QAM_50@0	8.920	9.510
10MHz_Middle_QPSK_50@0	8.940	9.449
10MHz_Middle_16QAM_50@0	8.920	9.510
10MHz_High_QPSK_50@0	8.960	9.670
10MHz_High_16QAM_50@0	8.960	9.510
15MHz_Low_QPSK_75@0	13.380	14.264
15MHz_Low_16QAM_75@0	13.410	14.324
15MHz_Middle_QPSK_75@0	13.380	14.294
15MHz_Middle_16QAM_75@0	13.410	14.324
15MHz_High_QPSK_75@0	13.410	14.475
15MHz_High_16QAM_75@0	13.440	14.475

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.800	18.819
20MHz_Low_16QAM_100@0	17.840	18.779
20MHz_Middle_QPSK_100@0	17.840	18.899
20MHz_Middle_16QAM_100@0	17.760	18.939
20MHz_High_QPSK_100@0	17.960	19.219
20MHz_High_16QAM_100@0	17.960	19.019

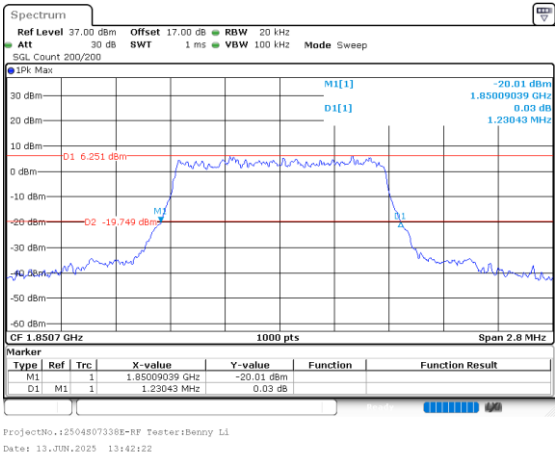
LTE Band 2, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

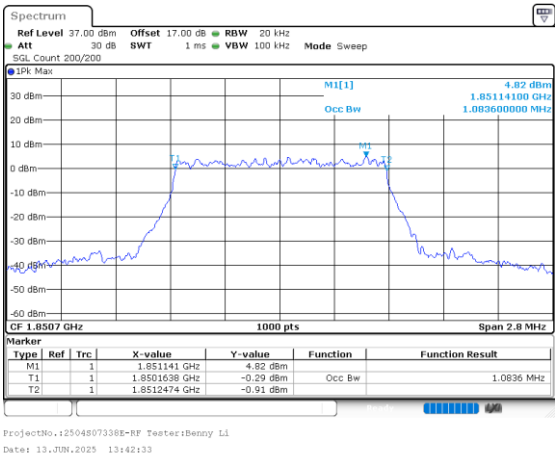


26dB Bandwidth

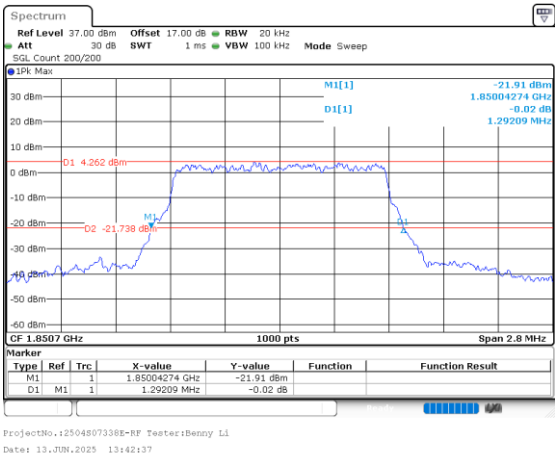


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

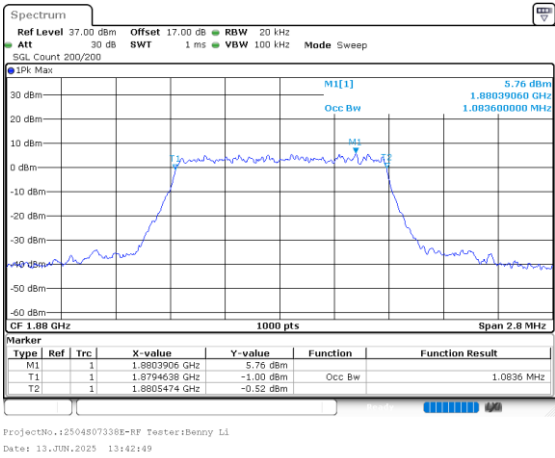


26dB Bandwidth

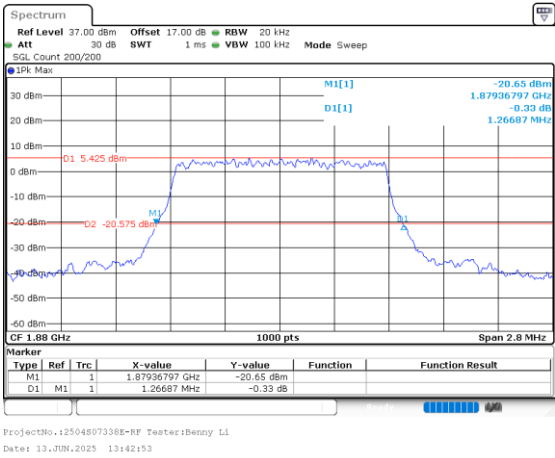


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



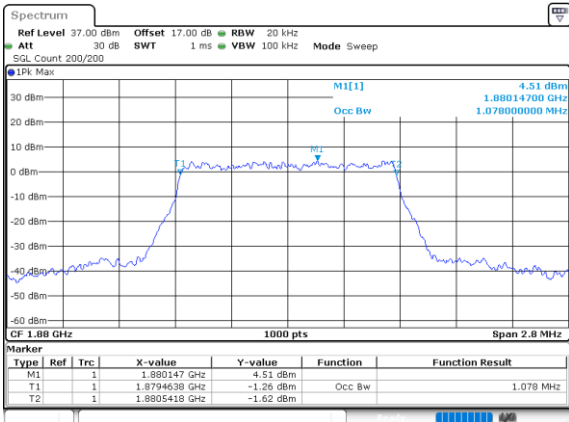
26dB Bandwidth



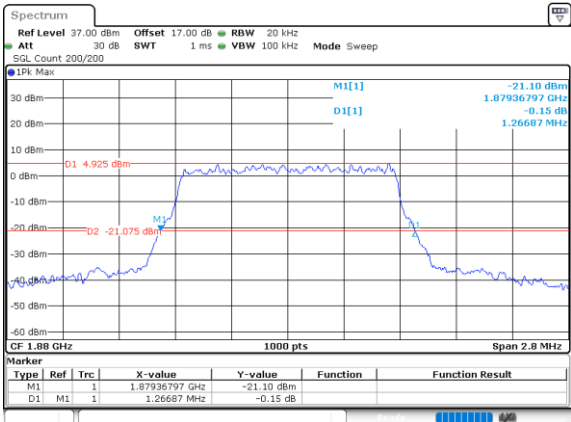
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:43:05

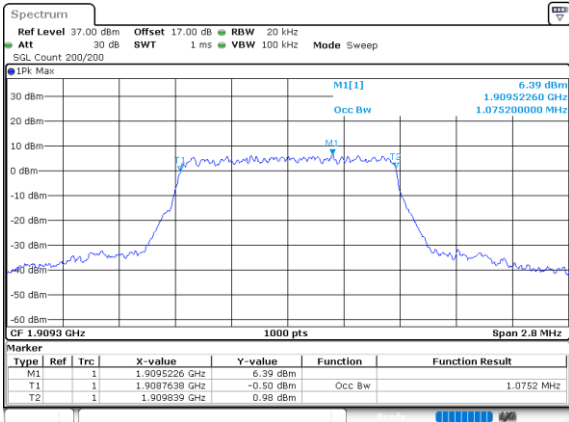


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:43:09

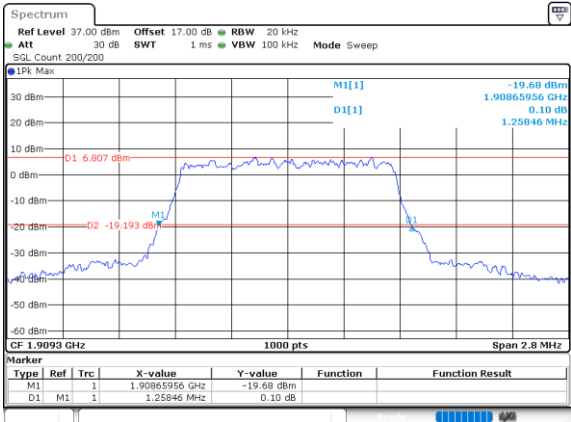
1.4MHz_High_QPSK_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:43:22

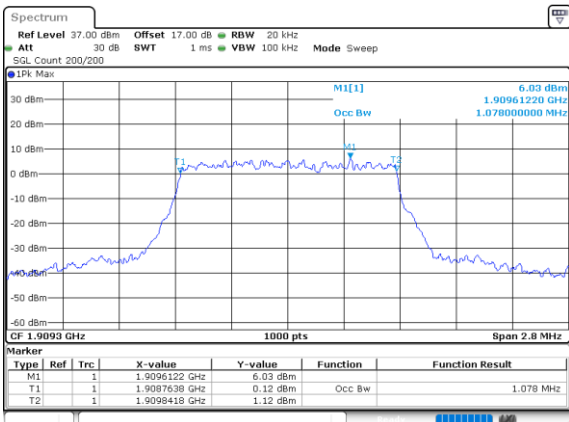


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:43:26

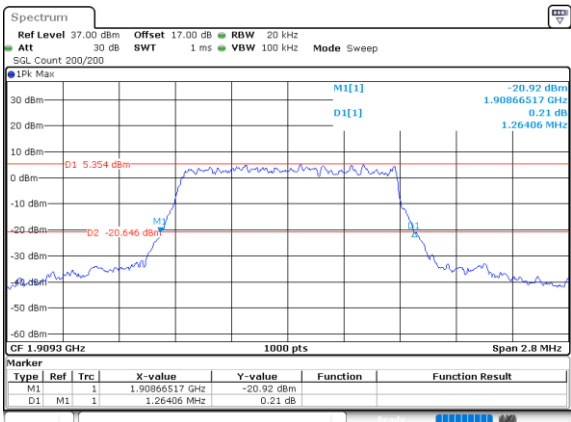
1.4MHz_High_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:43:38

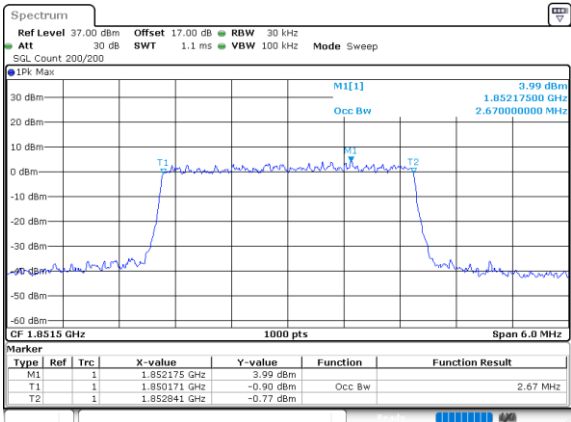


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:43:42

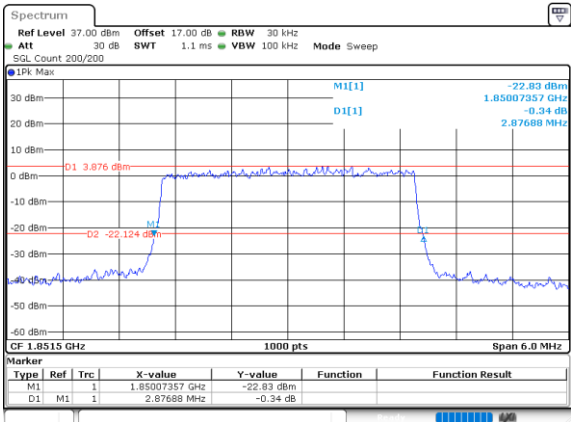
3MHz_Low_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:44:26

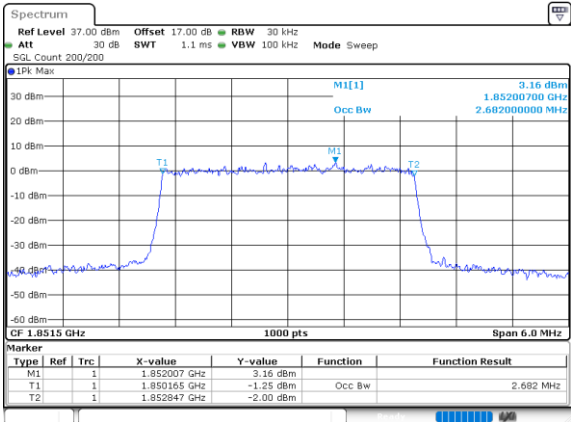


ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:44:30

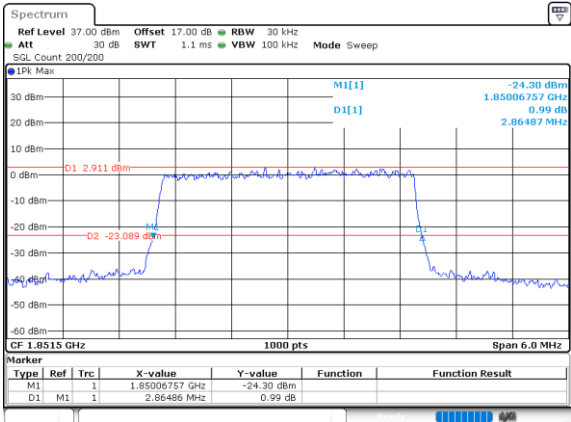
3MHz_Low_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:44:41

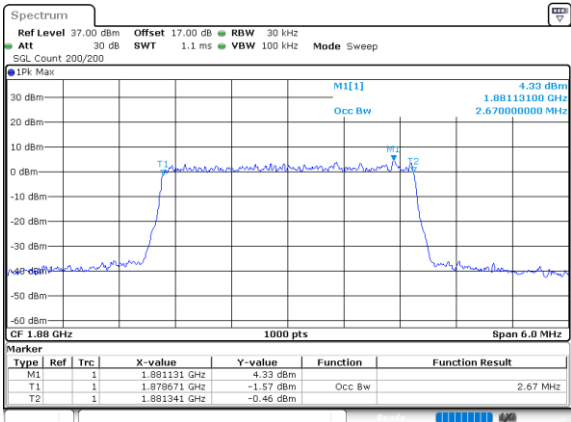


ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:44:46

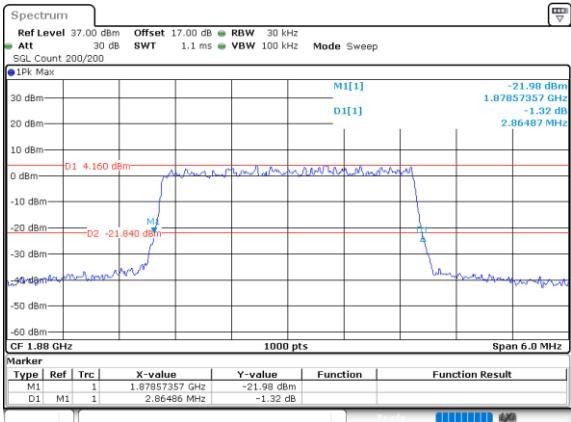
3MHz_Middle_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:44:56

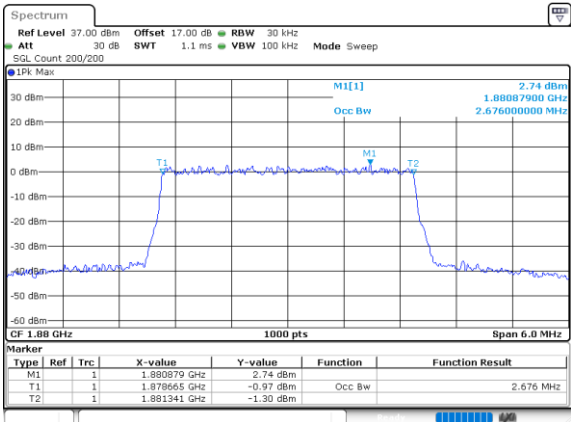


ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:45:00

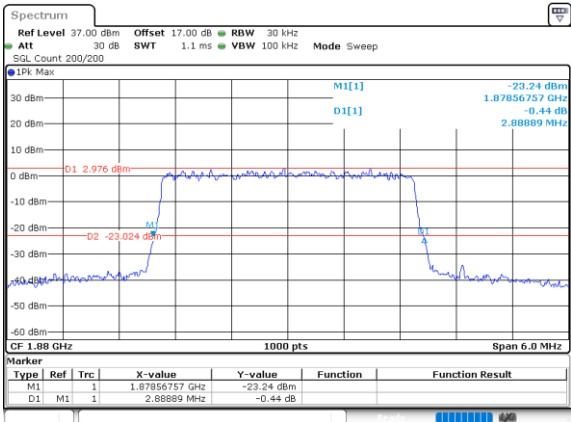
3MHz_Middle_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:45:11

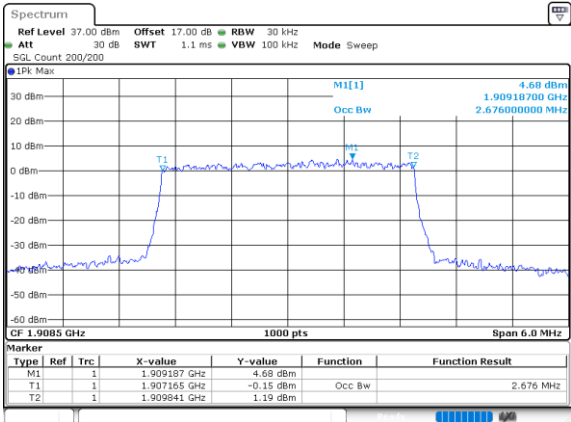


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:45:14

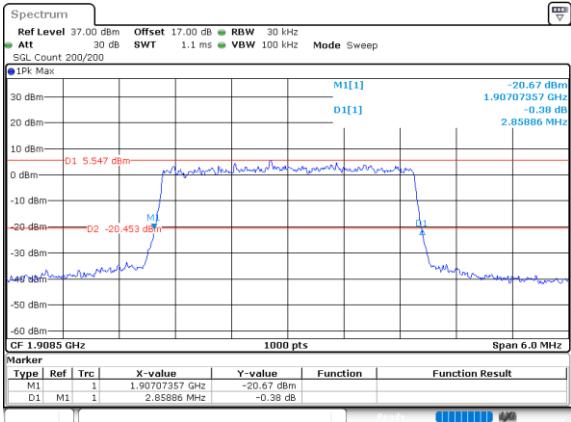
3MHz_High_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:45:26

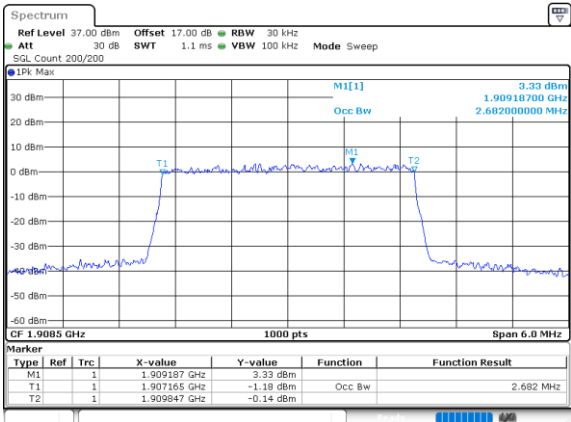


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:45:30

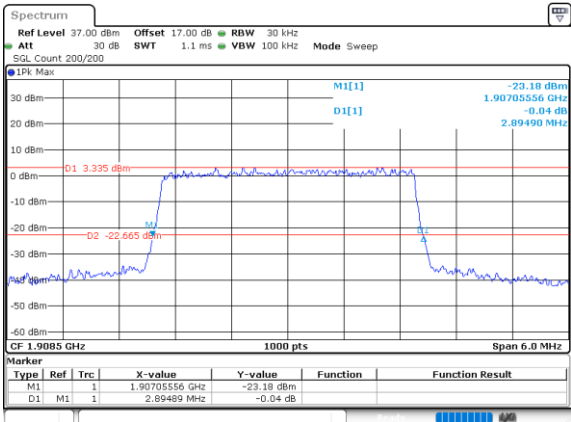
3MHz_High_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:45:42

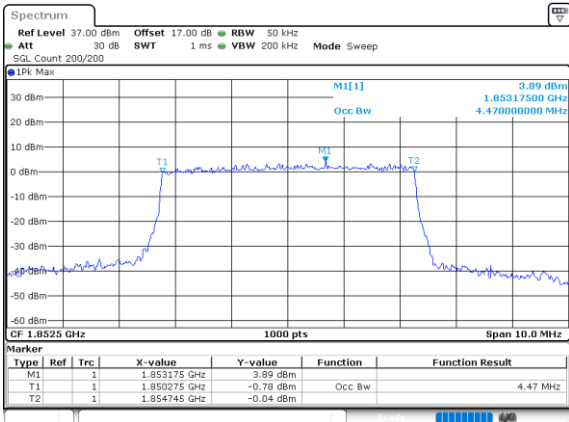


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:45:46

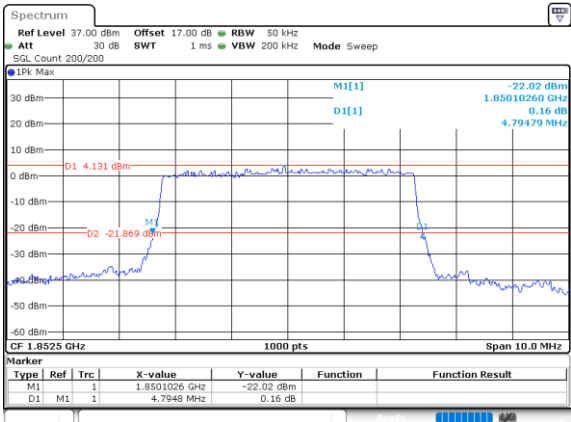
5MHz_Low_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:46:32

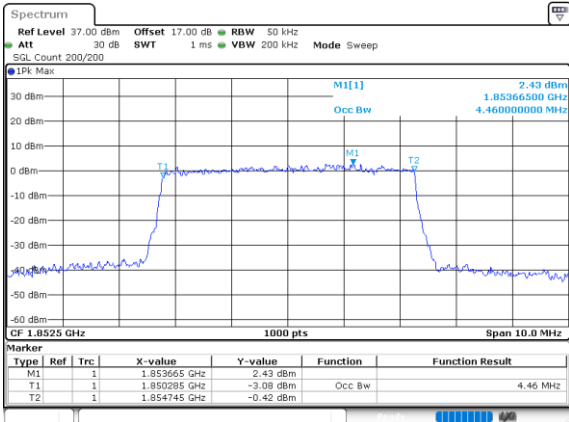


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:46:36

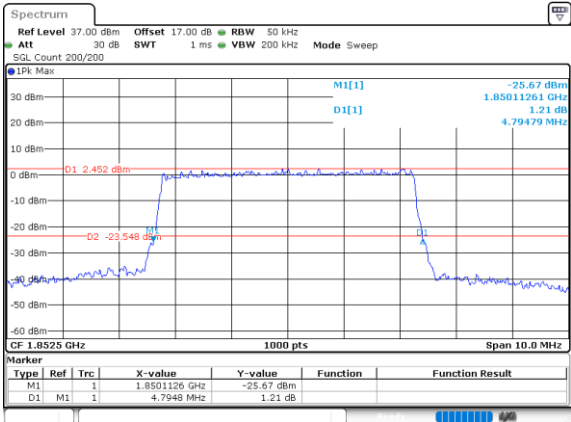
5MHz_Low_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:46:49

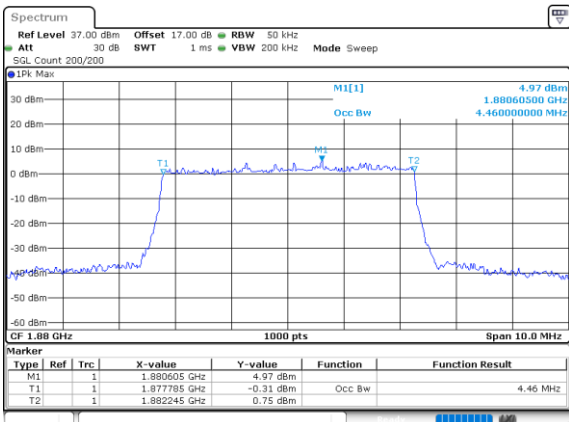


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:46:54

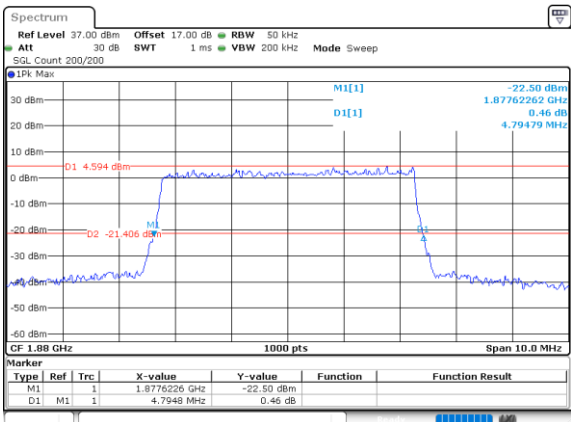
5MHz_Middle_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:47:06

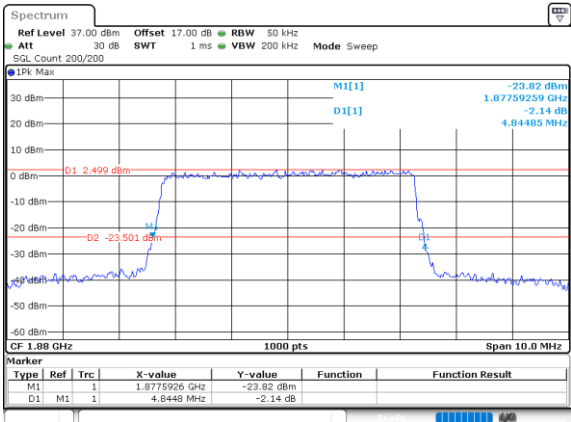
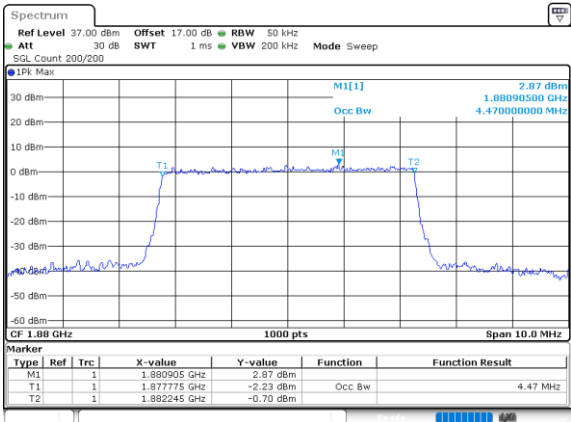


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:47:09

5MHz_Middle_16QAM_25@0

Occupied Bandwidth

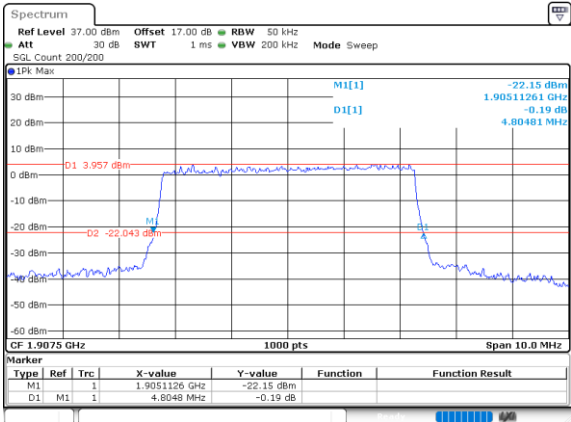
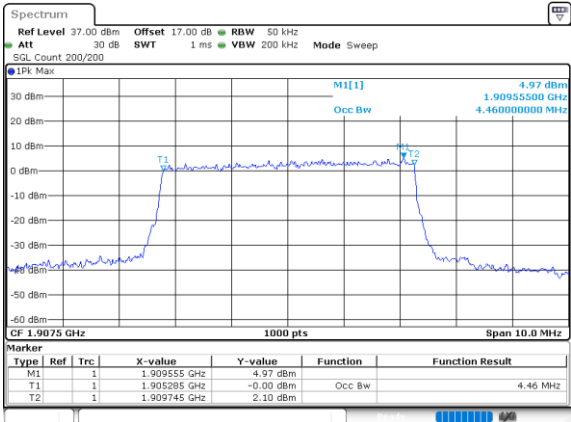
26dB Bandwidth



5MHz_High_QPSK_25@0

Occupied Bandwidth

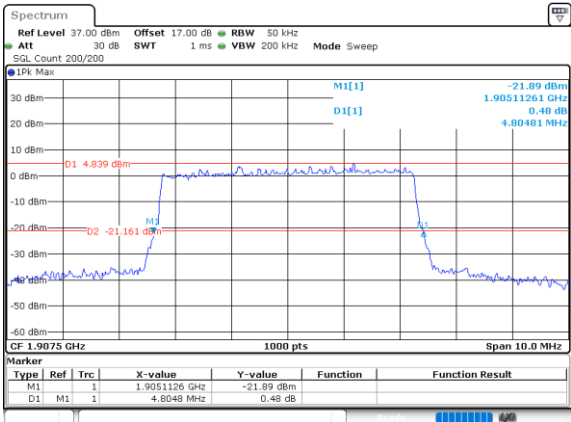
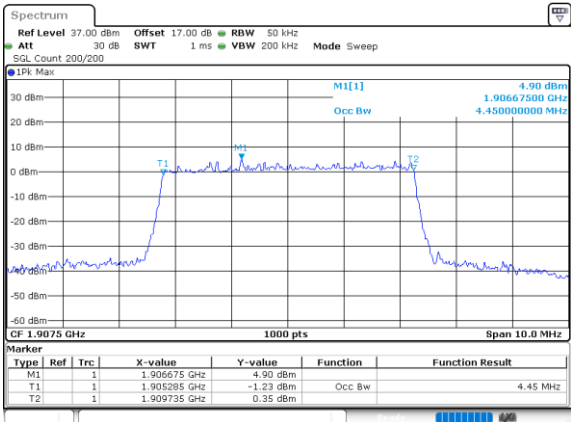
26dB Bandwidth



5MHz_High_16QAM_25@0

Occupied Bandwidth

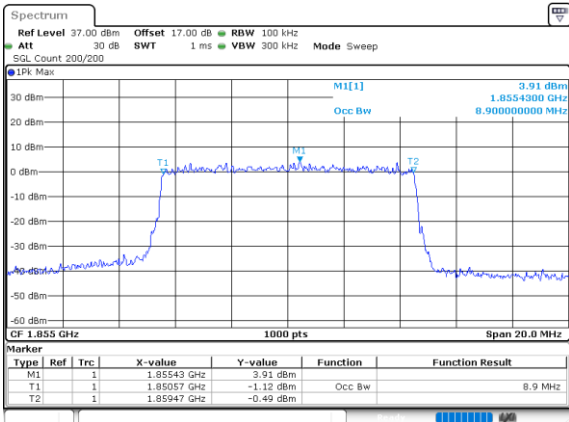
26dB Bandwidth



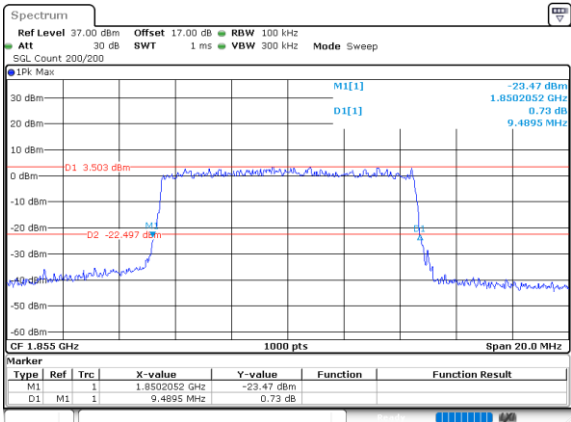
10MHz_Low_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:48:49

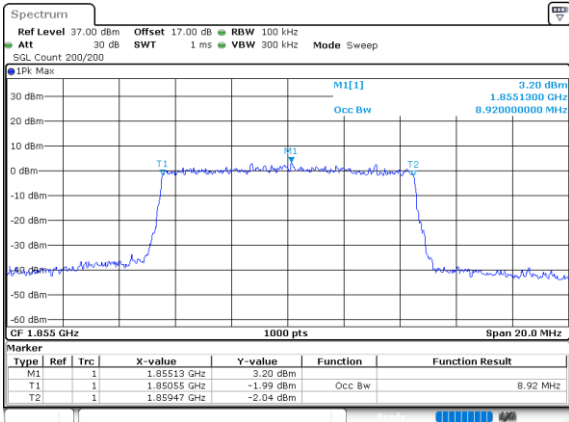


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:48:55

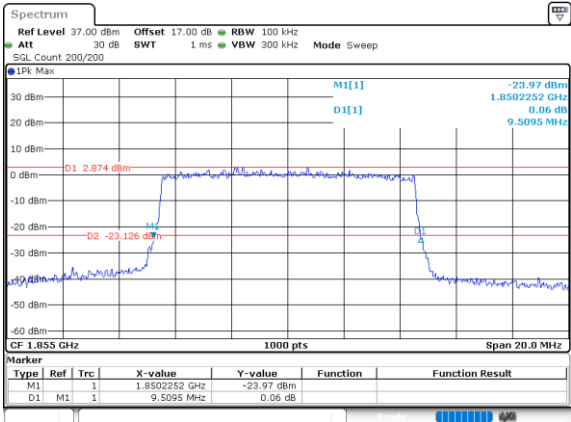
10MHz_Low_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:49:10

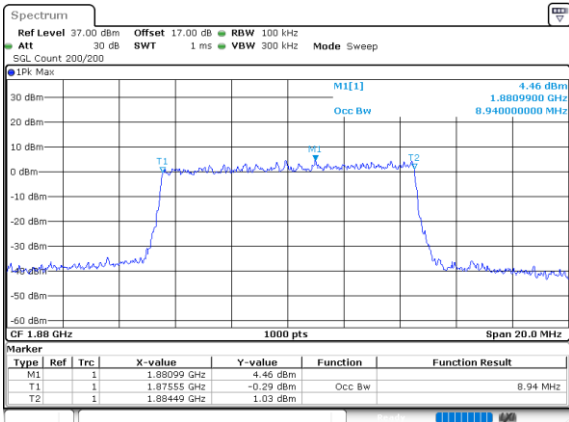


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:49:16

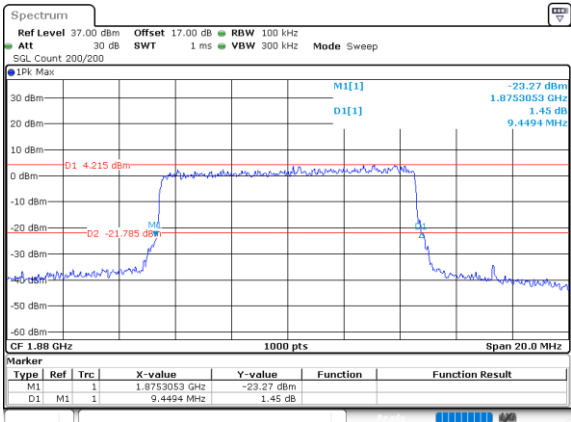
10MHz_Middle_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:49:31

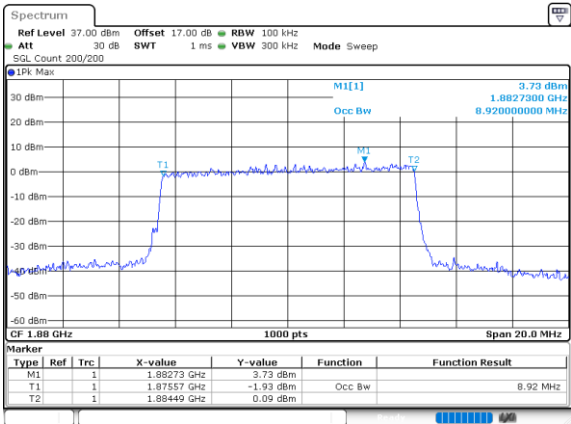


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:49:37

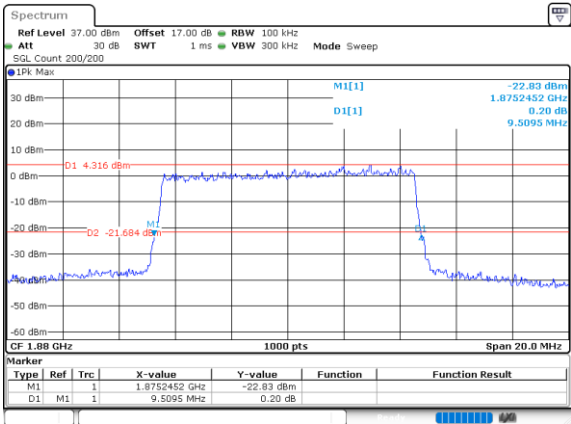
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:49:51

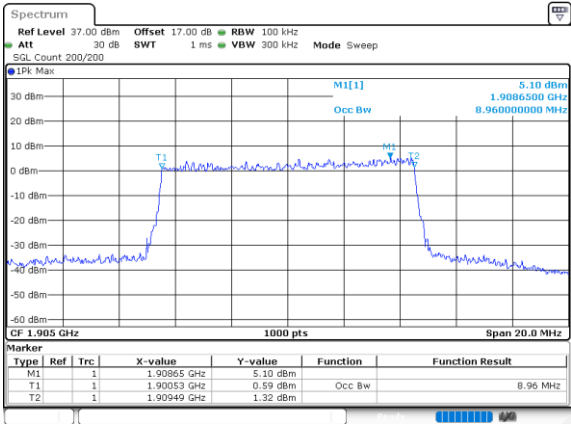


ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:49:57

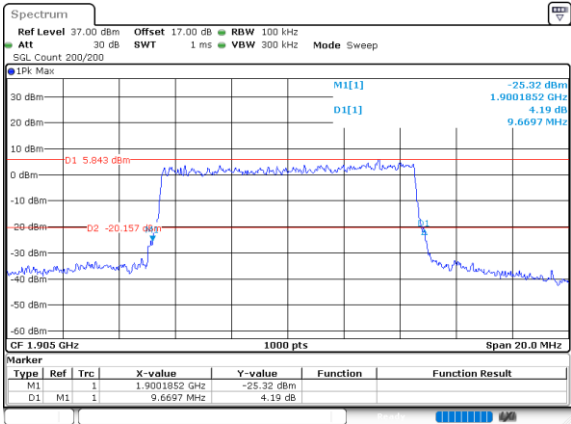
10MHz_High_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:50:12

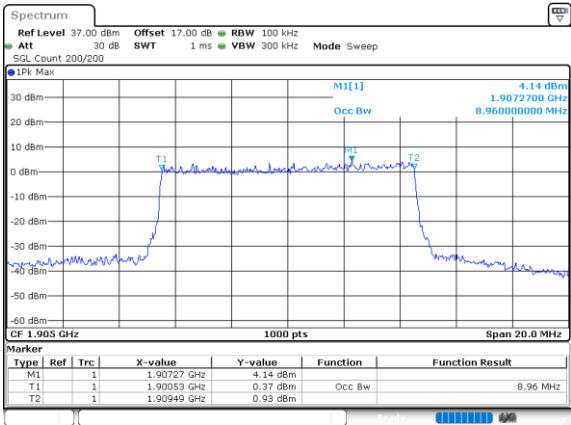


ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:50:18

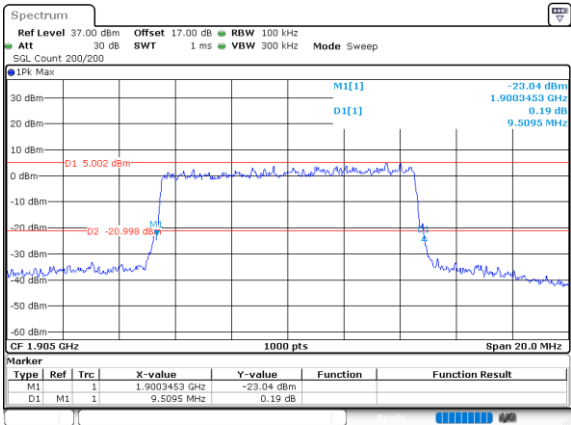
10MHz_High_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:50:33

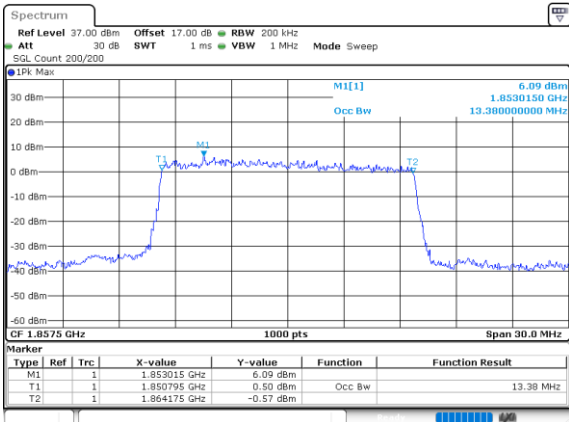


ProjectNo.:2504S07338E-RF Tester:Benny LI
Date: 13.JUN.2025 13:50:40

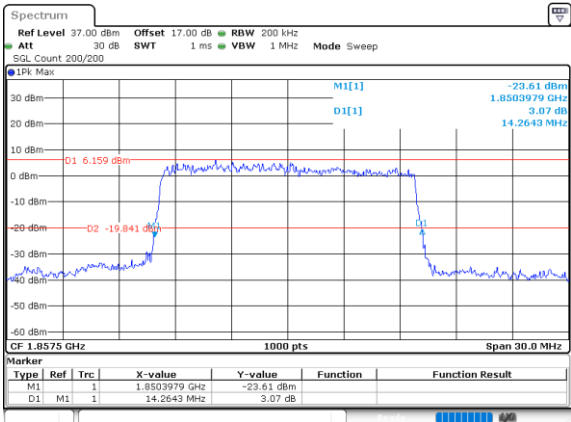
15MHz_Low_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:51:30

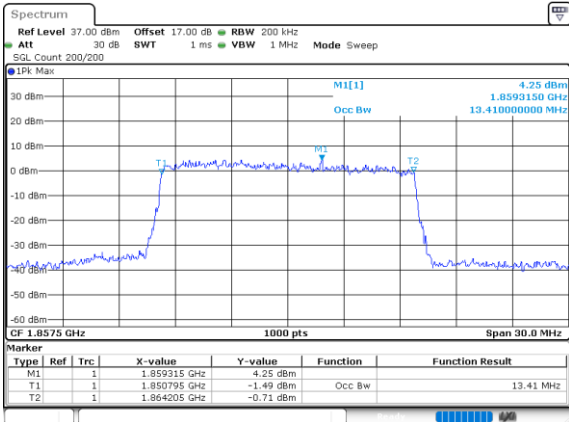


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:51:37

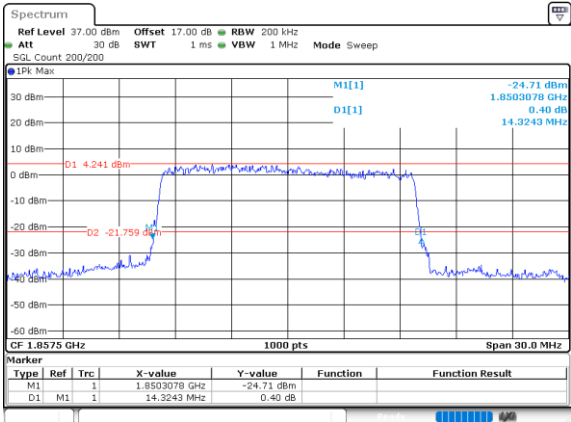
15MHz_Low_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:51:54

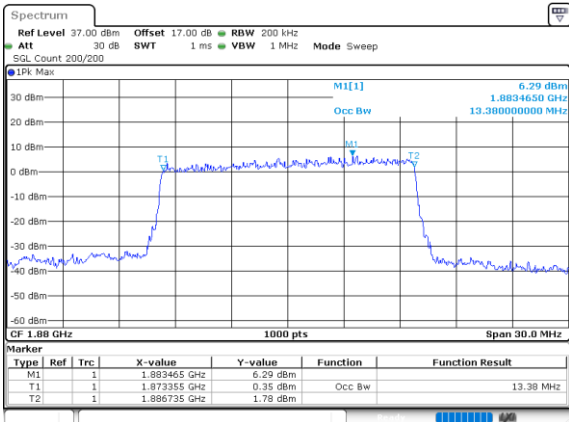


ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:52:01

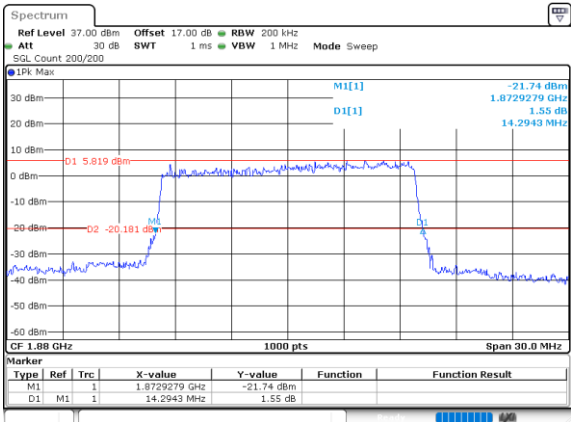
15MHz_Middle_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:52:19



ProjectNo.:2504S07338E-RF Tester:Benny Li
Date: 13.JUN.2025 13:52:25