

Occupied Bandwidth

FCC Part 22H

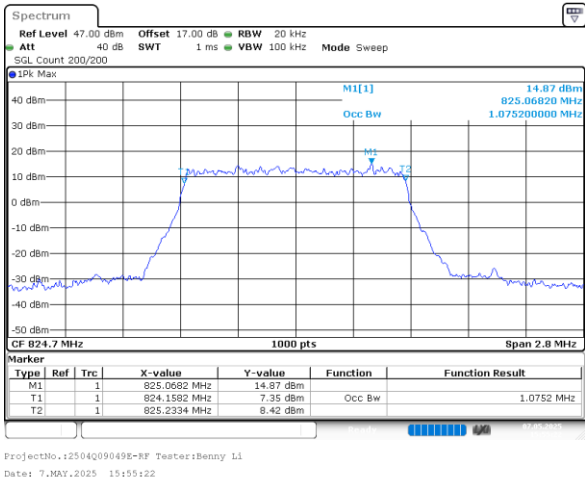
LTE Band 5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.075	1.250
1.4MHz_Low_16QAM_6@0	1.084	1.250
1.4MHz_Middle_QPSK_6@0	1.084	1.273
1.4MHz_Middle_16QAM_6@0	1.081	1.275
1.4MHz_High_QPSK_6@0	1.075	1.228
1.4MHz_High_16QAM_6@0	1.084	1.253
3MHz_Low_QPSK_15@0	2.676	2.865
3MHz_Low_16QAM_15@0	2.682	2.877
3MHz_Middle_QPSK_15@0	2.682	2.859
3MHz_Middle_16QAM_15@0	2.676	2.871
3MHz_High_QPSK_15@0	2.670	2.871
3MHz_High_16QAM_15@0	2.682	2.865
5MHz_Low_QPSK_25@0	4.460	4.835
5MHz_Low_16QAM_25@0	4.470	4.815
5MHz_Middle_QPSK_25@0	4.460	4.825
5MHz_Middle_16QAM_25@0	4.460	4.825
5MHz_High_QPSK_25@0	4.470	4.815
5MHz_High_16QAM_25@0	4.470	4.855
10MHz_Low_QPSK_50@0	8.960	9.570
10MHz_Low_16QAM_50@0	8.960	9.530
10MHz_Middle_QPSK_50@0	8.940	9.590
10MHz_Middle_16QAM_50@0	8.940	9.610
10MHz_High_QPSK_50@0	8.940	9.510
10MHz_High_16QAM_50@0	8.940	9.409

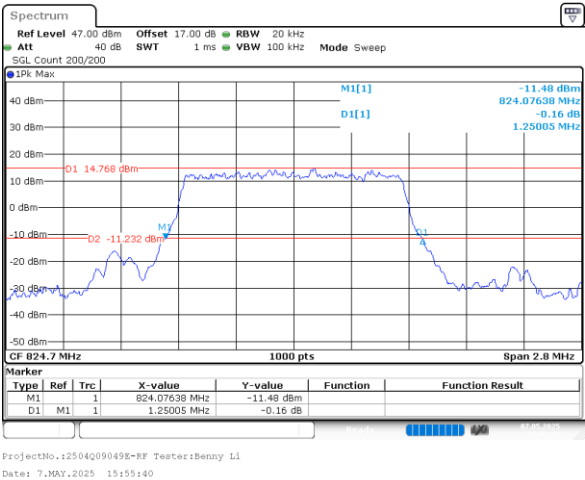
LTE Band 5, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

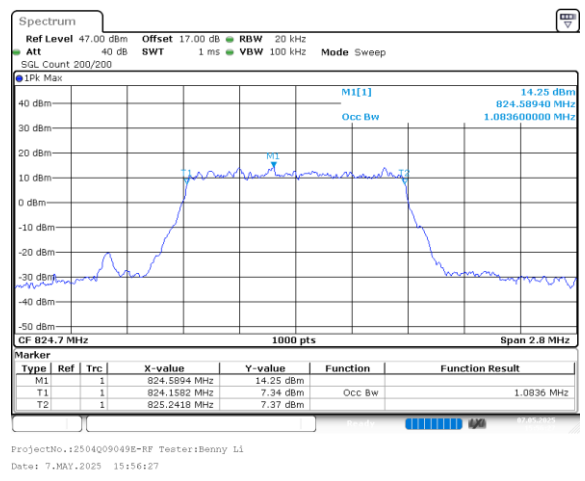


26dB Bandwidth

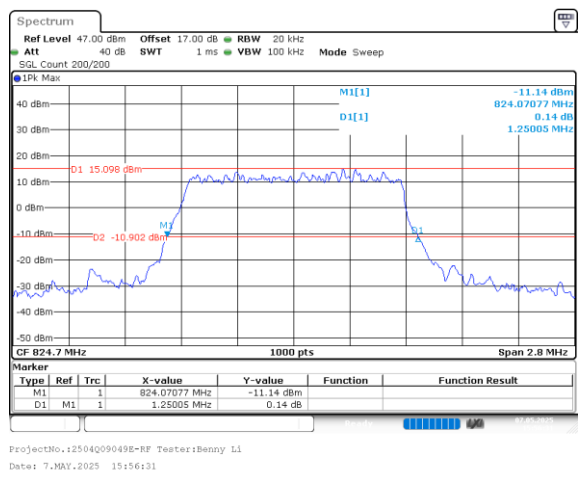


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

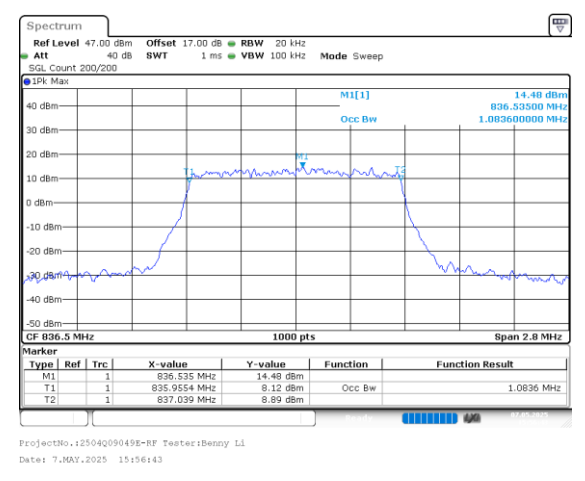


26dB Bandwidth

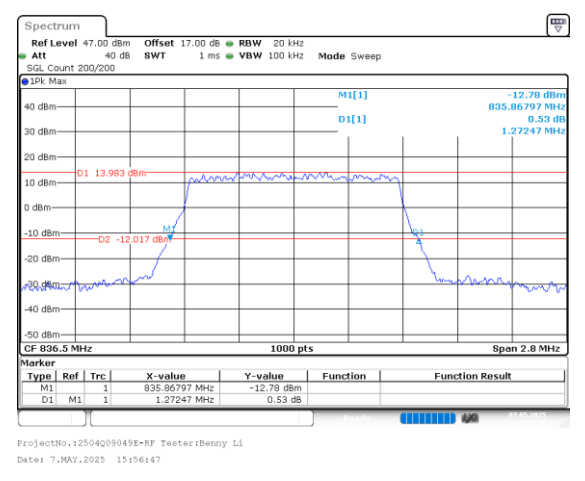


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



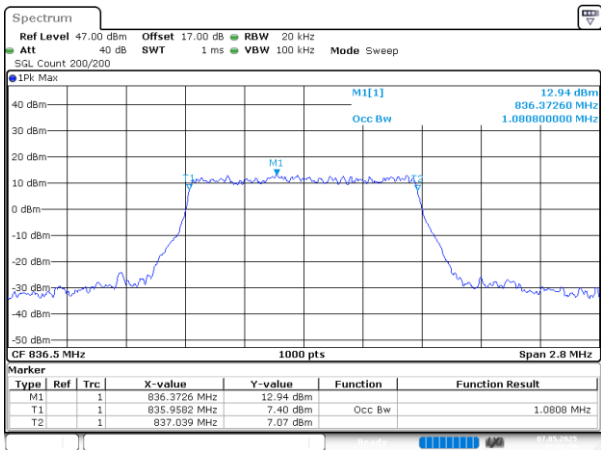
26dB Bandwidth



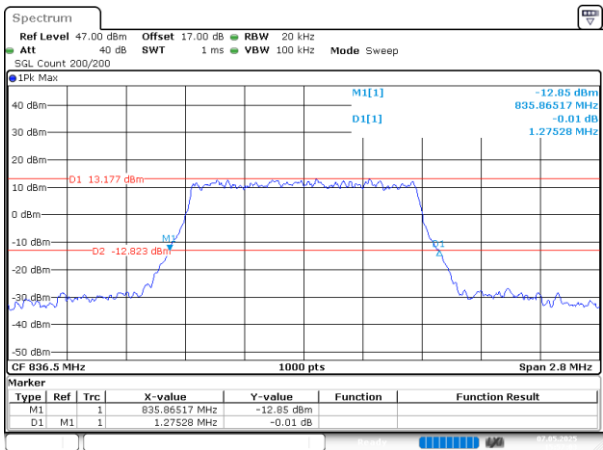
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 15:56:59

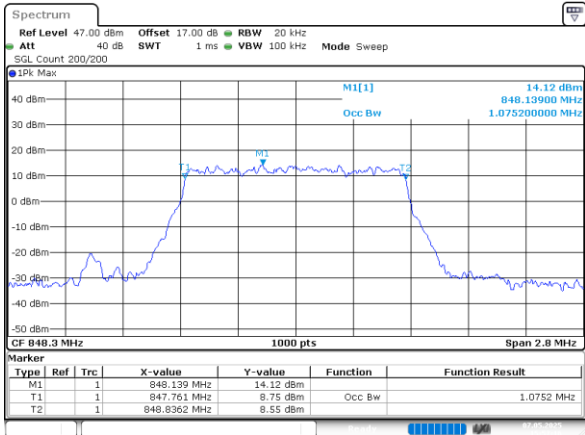


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 15:57:03

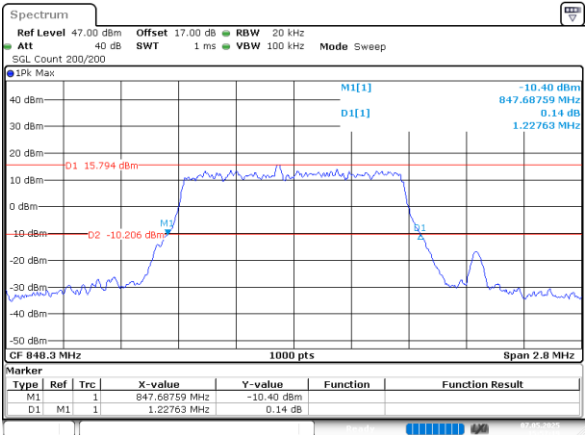
1.4MHz_High_QPSK_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 15:57:16

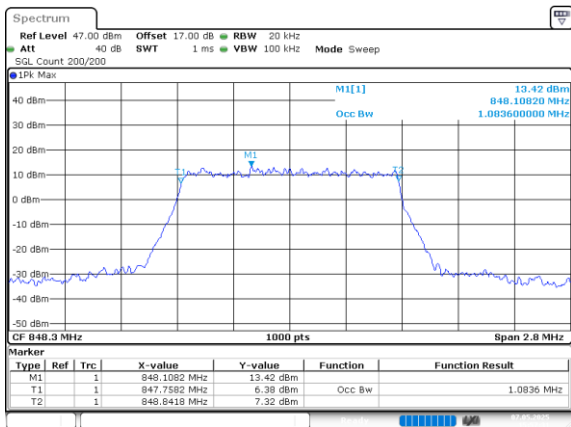


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 15:57:19

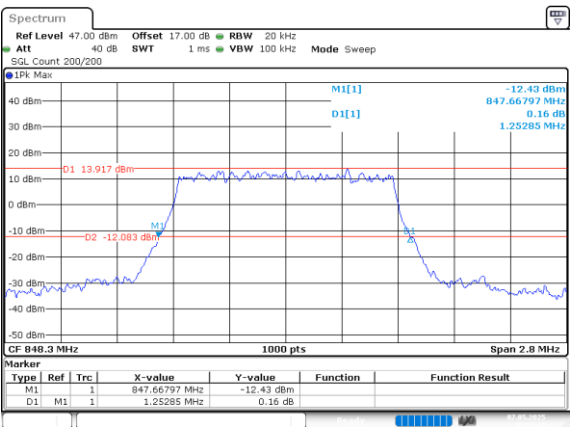
1.4MHz_High_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 15:57:31

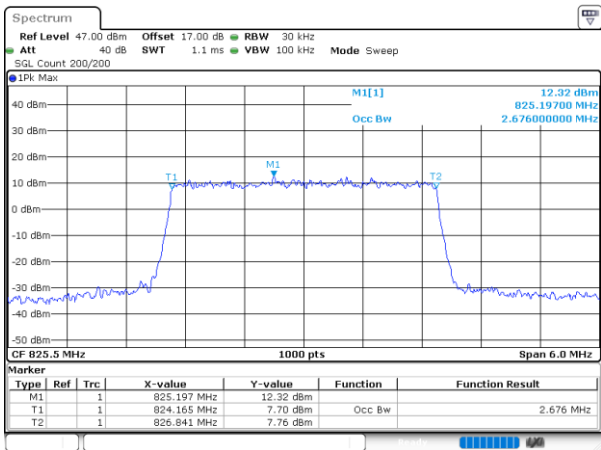


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 15:57:35

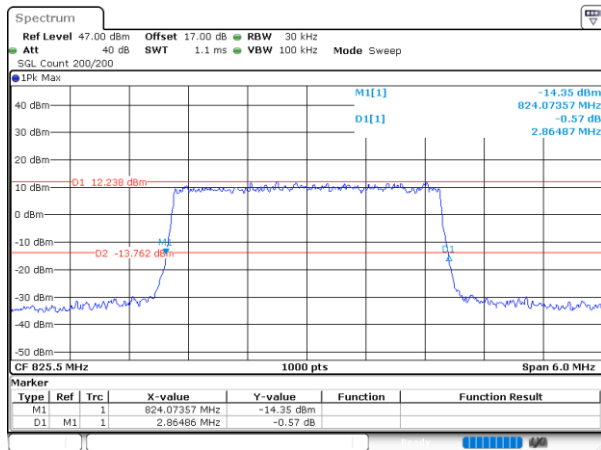
3MHz_Low_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:52:05

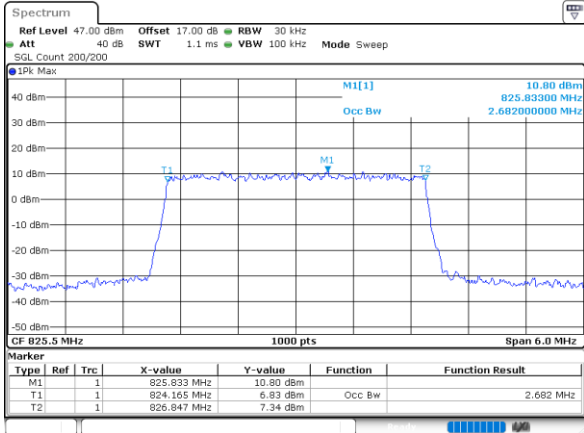


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:52:23

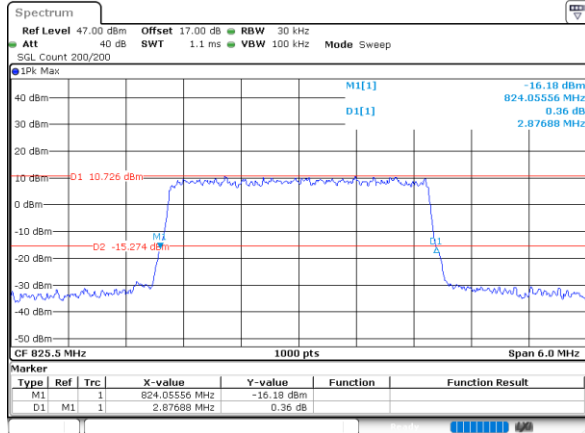
3MHz_Low_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:53:00

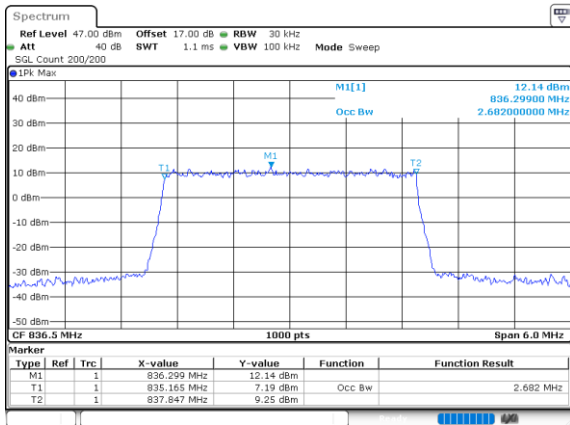


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:53:14

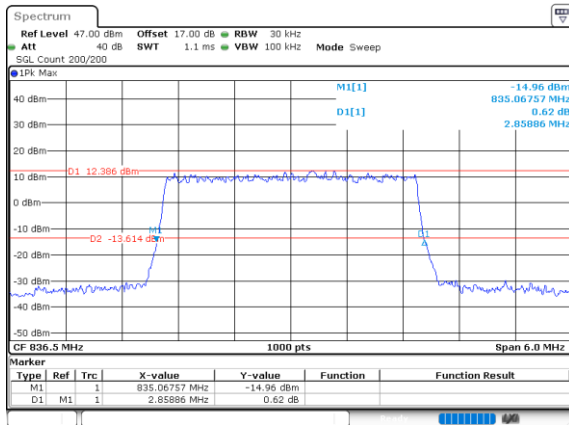
3MHz_Middle_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:53:57

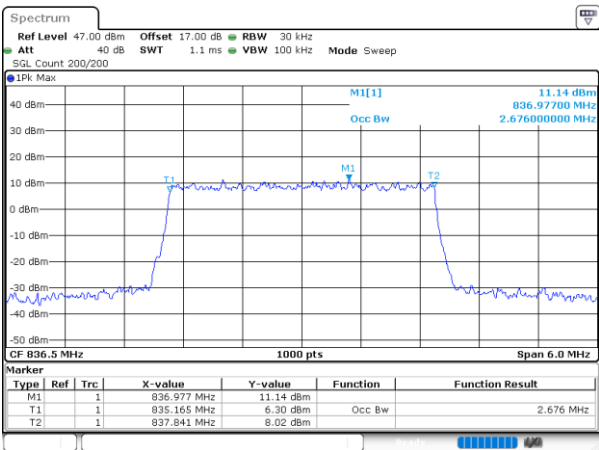


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:54:10

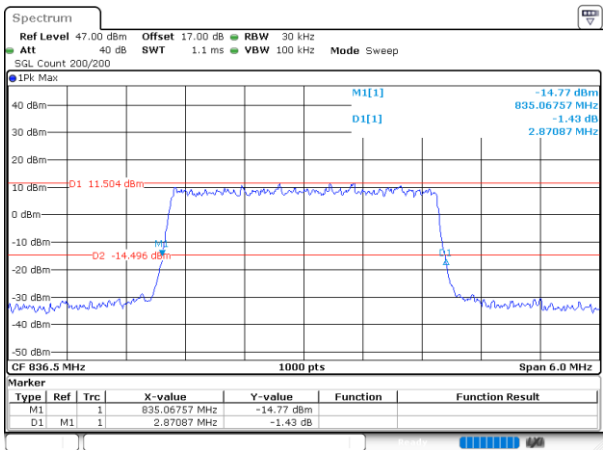
3MHz_Middle_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:54:50

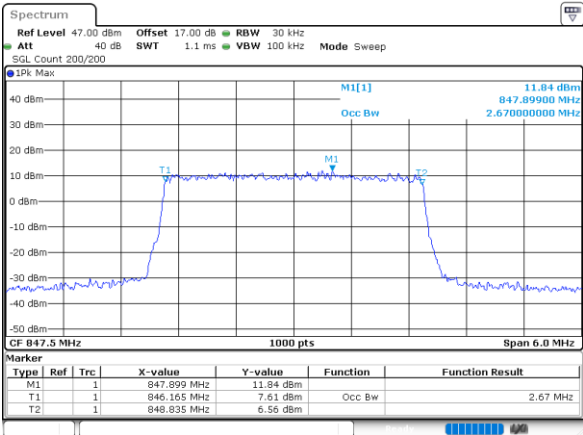


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:55:03

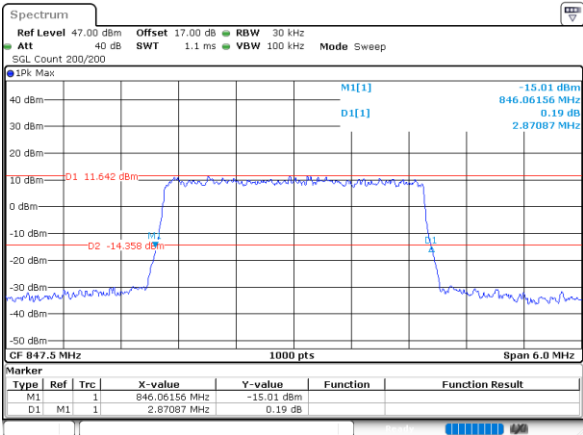
3MHz_High_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:55:43

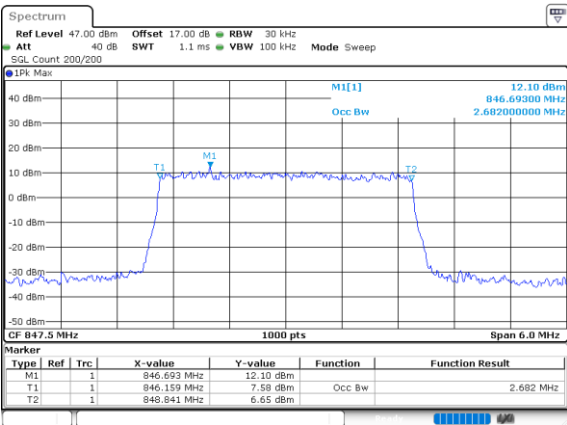


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:55:56

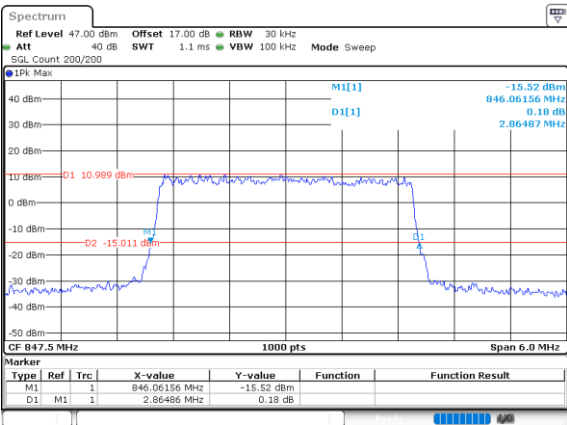
3MHz_High_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:56:37

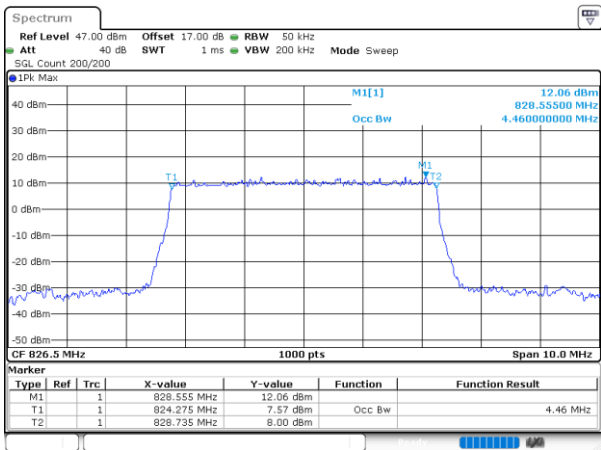


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:56:51

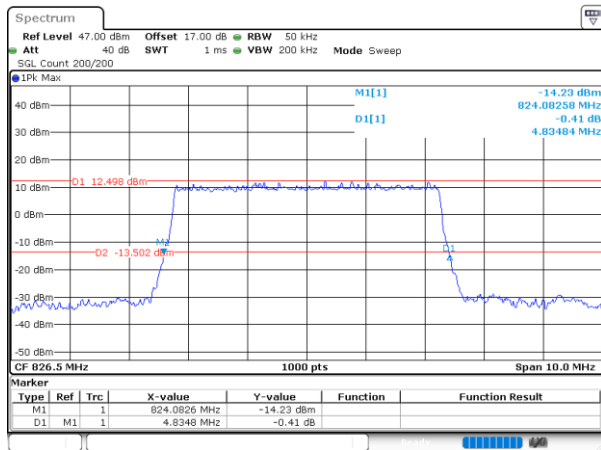
5MHz_Low_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:58:28

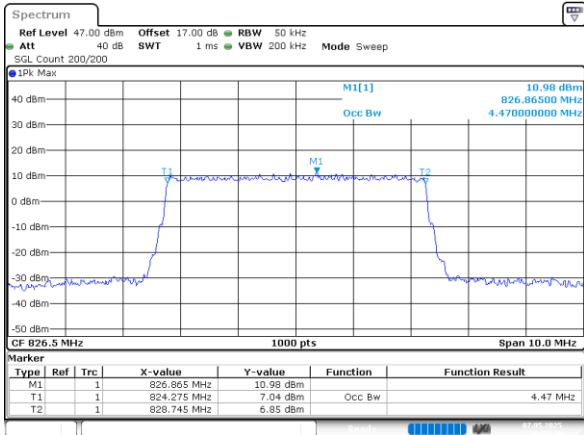


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 11:58:42

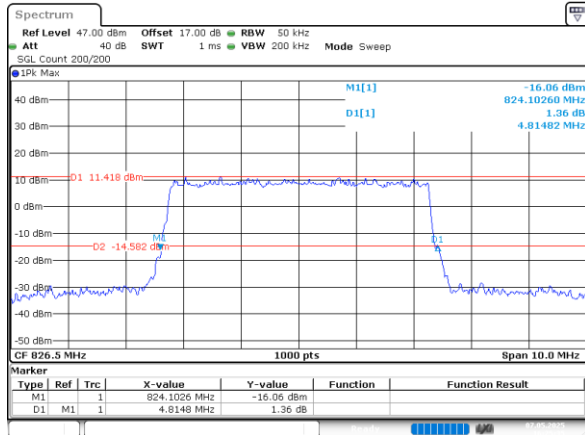
5MHz_Low_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 16:25:30

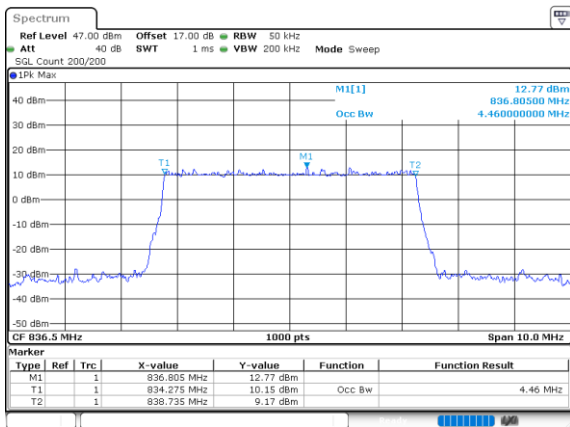


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 16:25:35

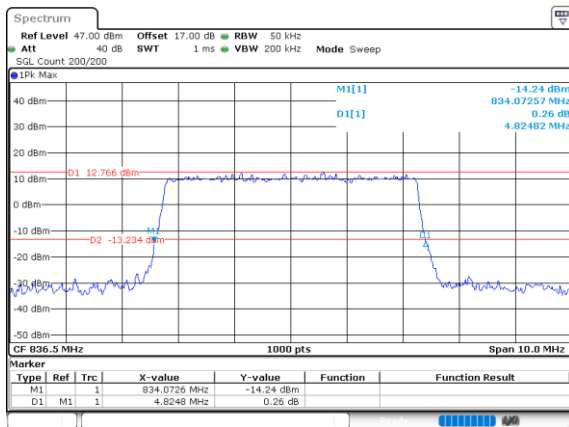
5MHz_Middle_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:04:25

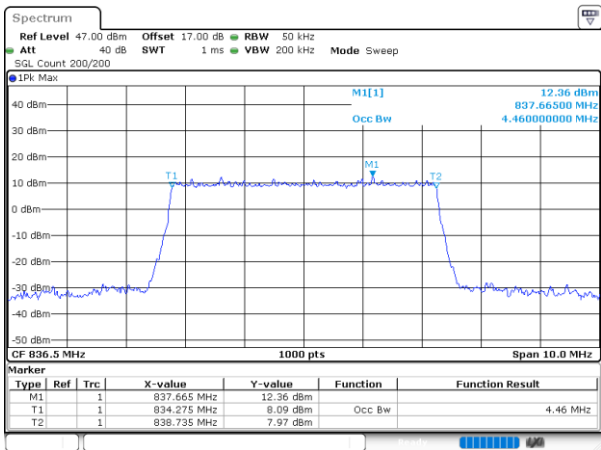


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:04:38

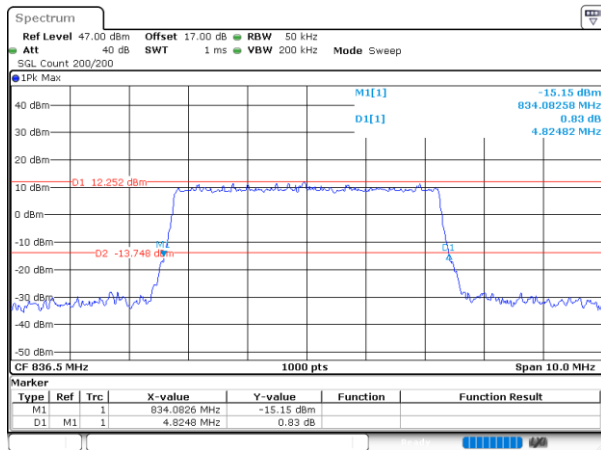
5MHz_Middle_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:05:14

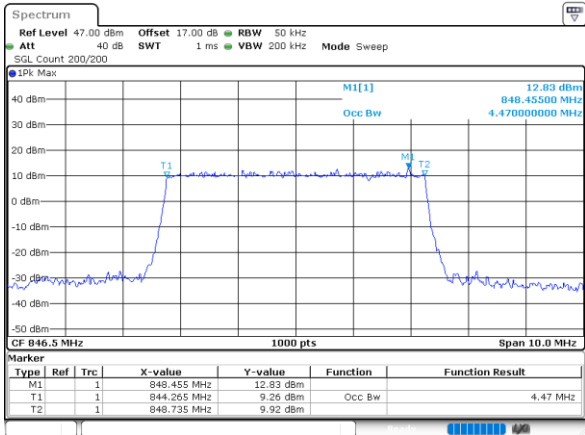


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:05:27

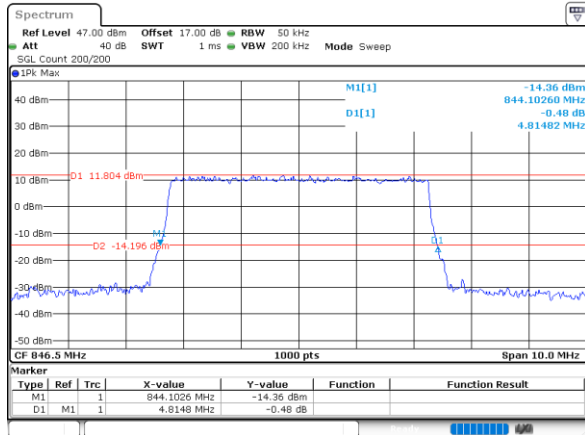
5MHz_High_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:06:08

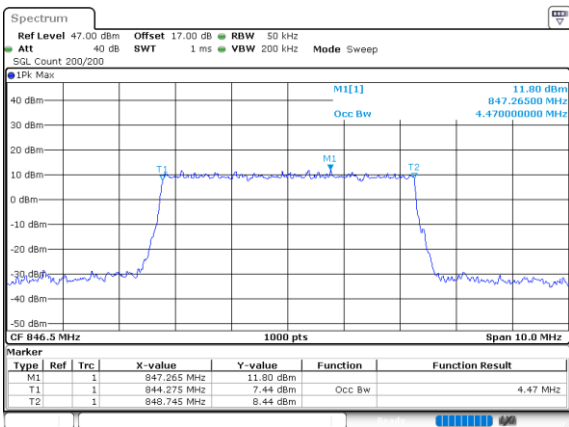


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:06:22

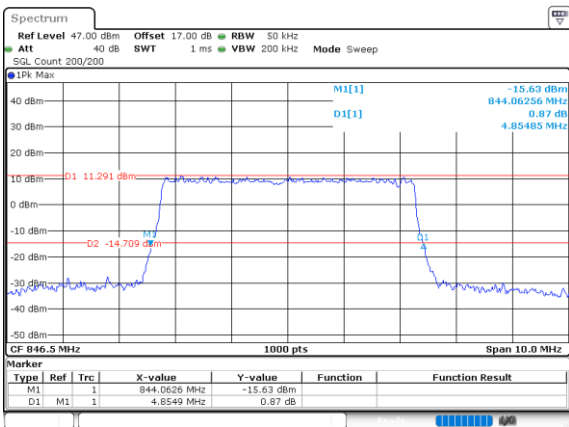
5MHz_High_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:07:02

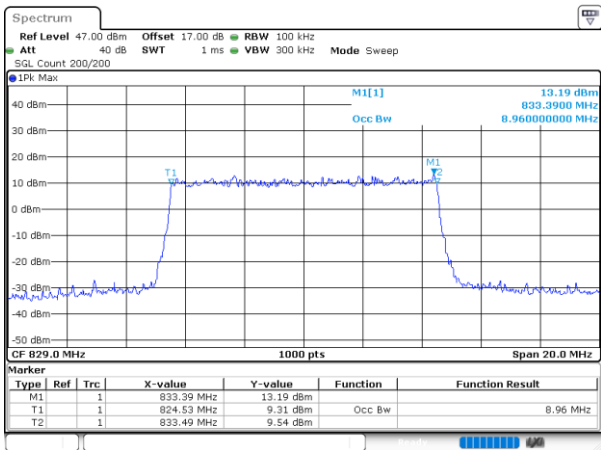


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:07:17

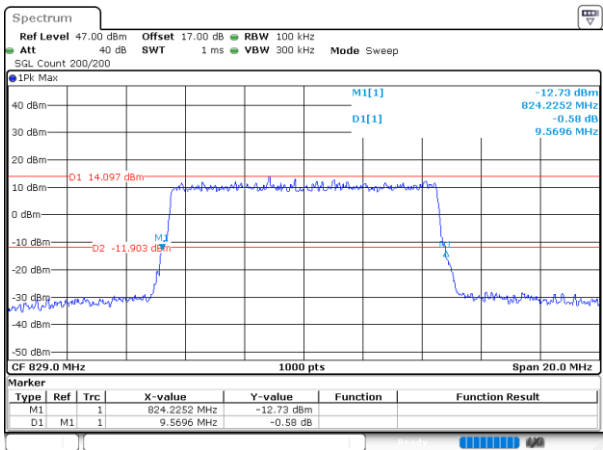
10MHz_Low_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:08:48

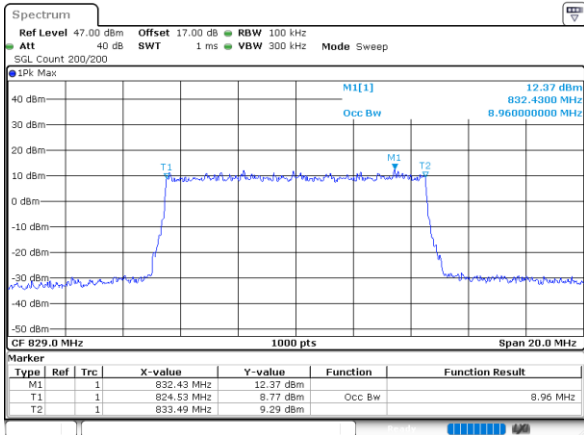


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:09:03

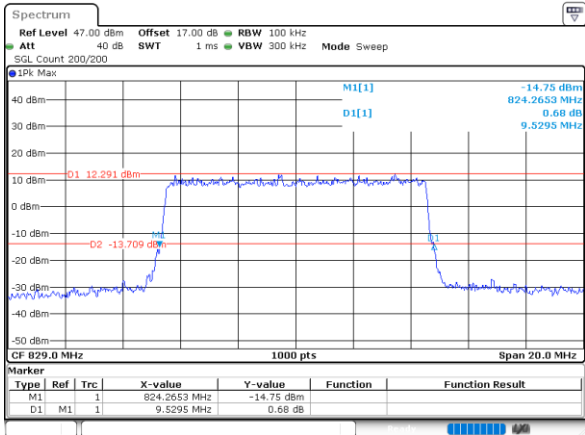
10MHz_Low_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:09:40

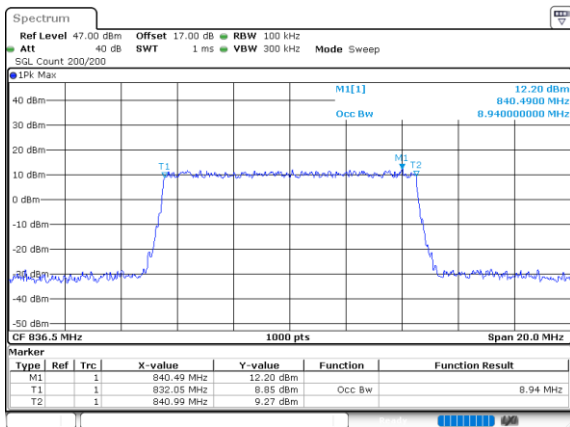


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:09:58

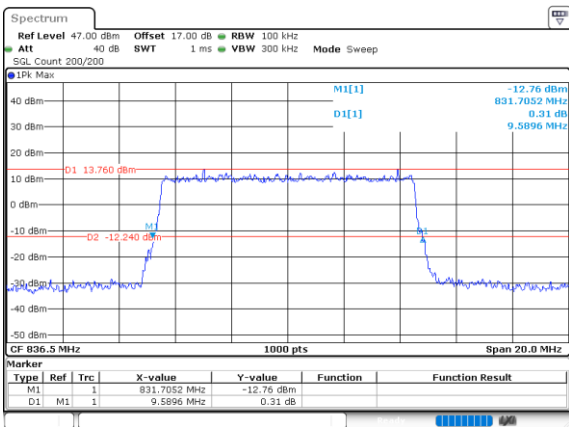
10MHz_Middle_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:10:43

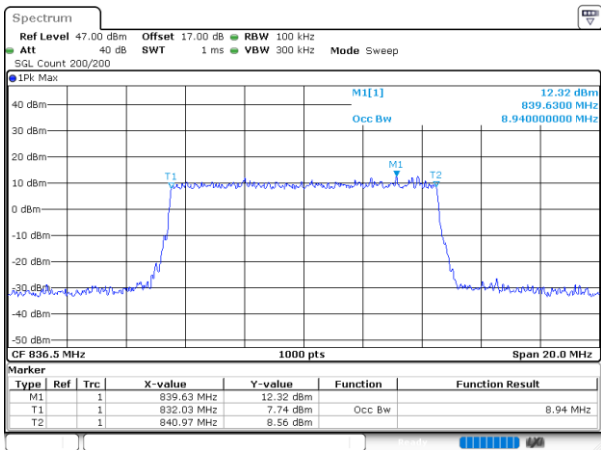


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:10:57

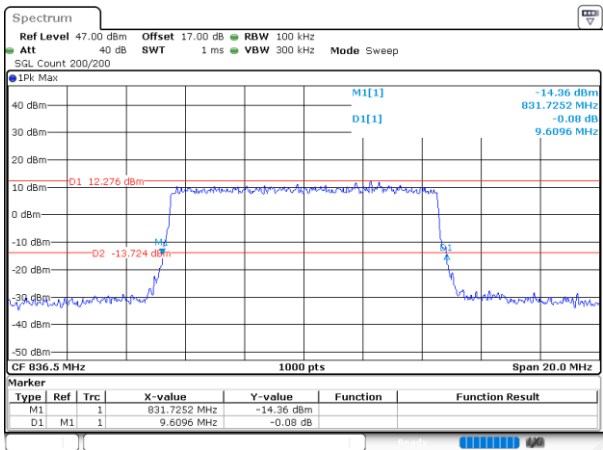
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:11:39

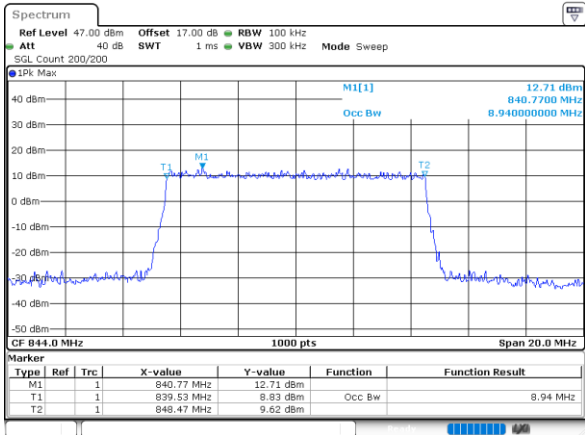


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:11:54

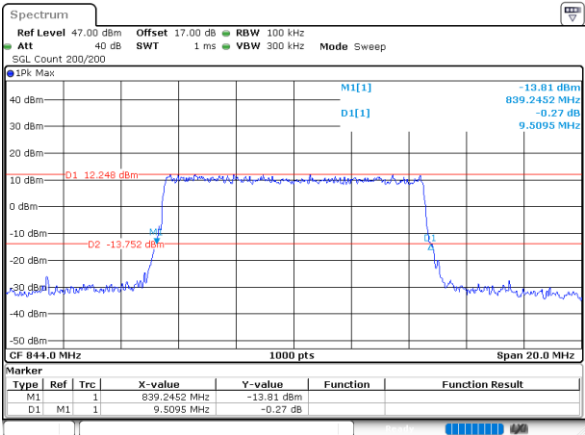
10MHz_High_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:12:34

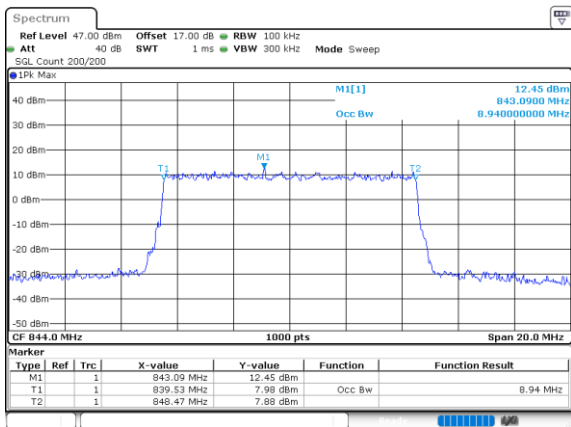


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:12:47

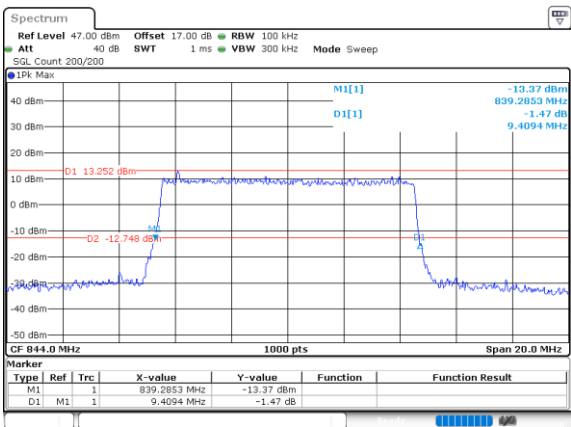
10MHz_High_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:13:29



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 13:13:43

FCC Part 24E

LTE Band 2, Normal

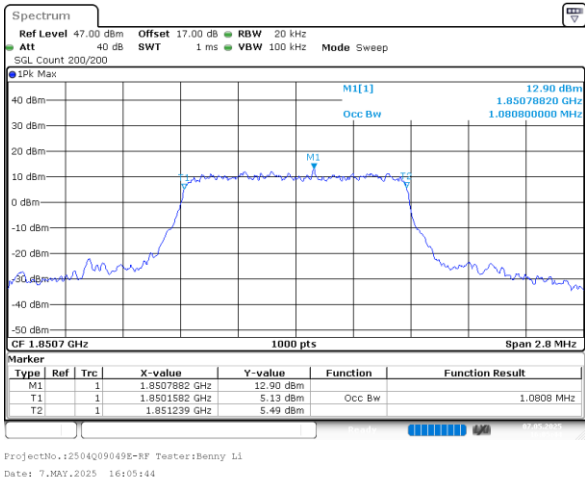
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.081	1.242
1.4MHz_Low_16QAM_6@0	1.084	1.281
1.4MHz_Middle_QPSK_6@0	1.089	1.270
1.4MHz_Middle_16QAM_6@0	1.081	1.267
1.4MHz_High_QPSK_6@0	1.078	1.259
1.4MHz_High_16QAM_6@0	1.081	1.278
3MHz_Low_QPSK_15@0	2.676	2.865
3MHz_Low_16QAM_15@0	2.670	2.895
3MHz_Middle_QPSK_15@0	2.682	2.877
3MHz_Middle_16QAM_15@0	2.676	2.883
3MHz_High_QPSK_15@0	2.676	2.859
3MHz_High_16QAM_15@0	2.676	2.877
5MHz_Low_QPSK_25@0	4.460	4.805
5MHz_Low_16QAM_25@0	4.460	4.765
5MHz_Middle_QPSK_25@0	4.470	4.845
5MHz_Middle_16QAM_25@0	4.450	4.825
5MHz_High_QPSK_25@0	4.470	4.845
5MHz_High_16QAM_25@0	4.470	4.815
10MHz_Low_QPSK_50@0	8.940	9.490
10MHz_Low_16QAM_50@0	8.940	9.510
10MHz_Middle_QPSK_50@0	8.940	9.510
10MHz_Middle_16QAM_50@0	8.960	9.590
10MHz_High_QPSK_50@0	8.940	9.550
10MHz_High_16QAM_50@0	8.940	9.530
15MHz_Low_QPSK_75@0	13.380	14.414
15MHz_Low_16QAM_75@0	13.410	14.324
15MHz_Middle_QPSK_75@0	13.440	14.384
15MHz_Middle_16QAM_75@0	13.410	15.946
15MHz_High_QPSK_75@0	13.440	14.324
15MHz_High_16QAM_75@0	13.470	14.384

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.800	18.739
20MHz_Low_16QAM_100@0	17.840	18.779
20MHz_Middle_QPSK_100@0	17.880	18.979
20MHz_Middle_16QAM_100@0	17.880	18.939
20MHz_High_QPSK_100@0	17.840	19.179
20MHz_High_16QAM_100@0	17.880	19.059

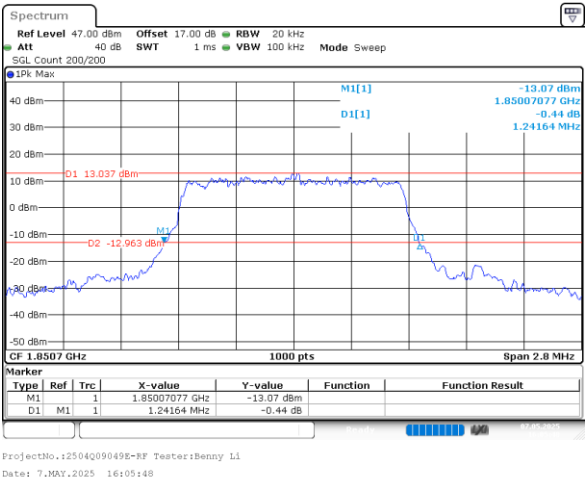
LTE Band 2, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

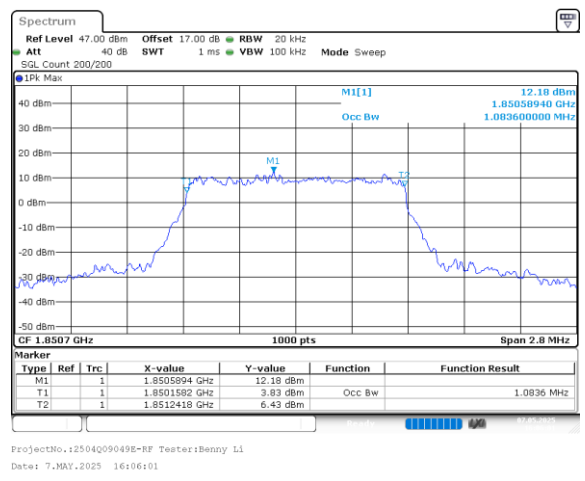


26dB Bandwidth

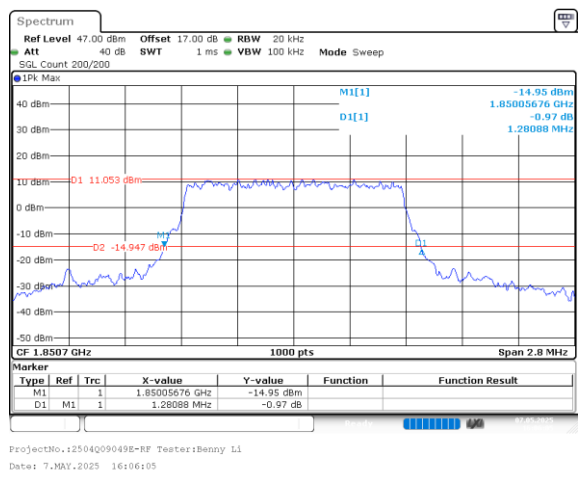


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

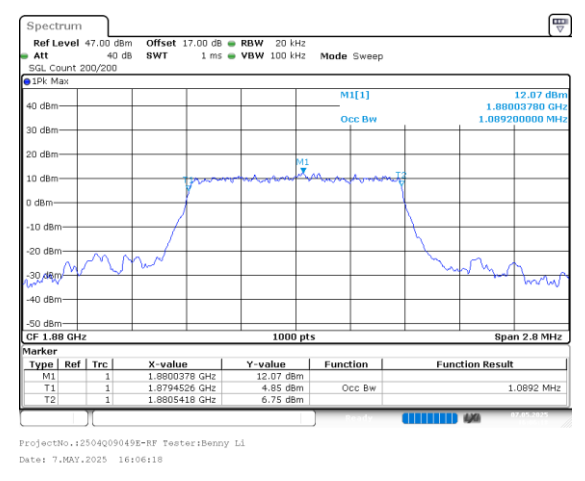


26dB Bandwidth

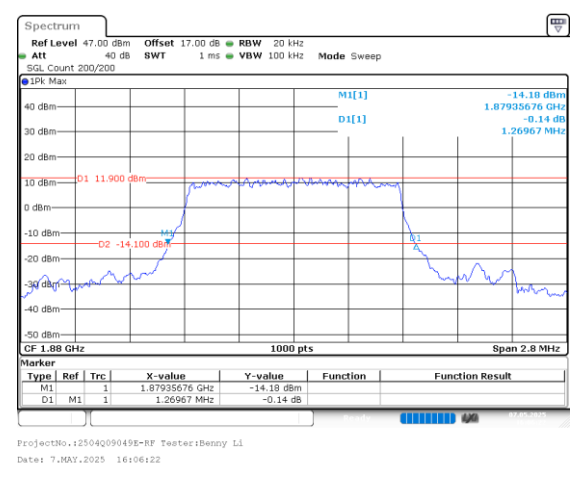


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



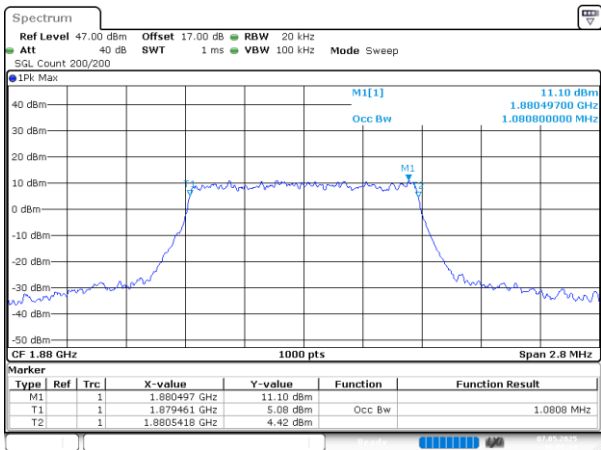
26dB Bandwidth



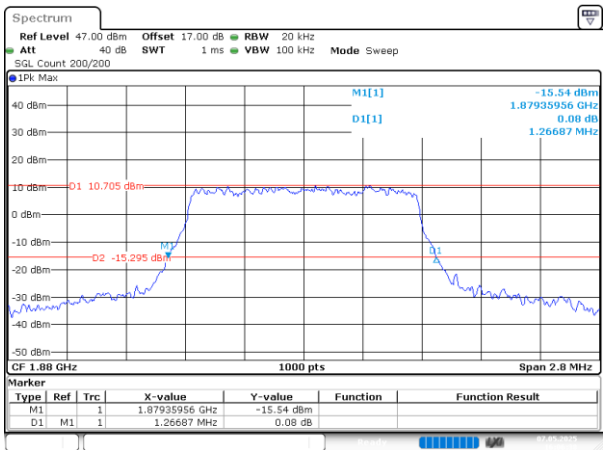
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 16:06:34

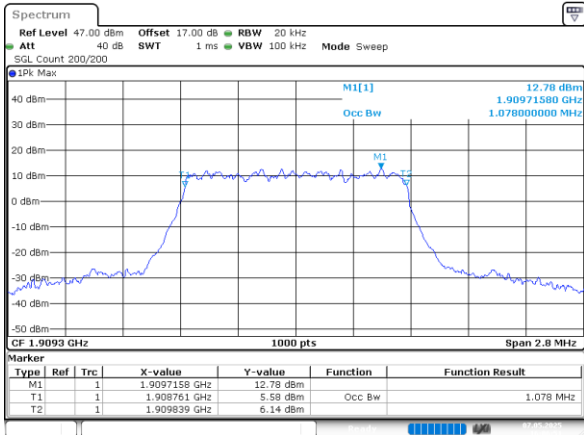


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 16:06:38

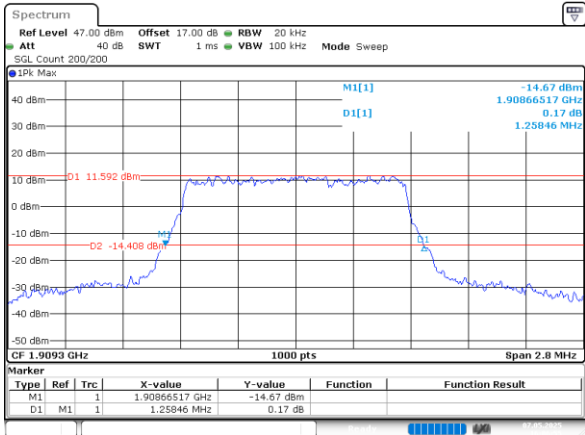
1.4MHz_High_QPSK_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 16:06:51

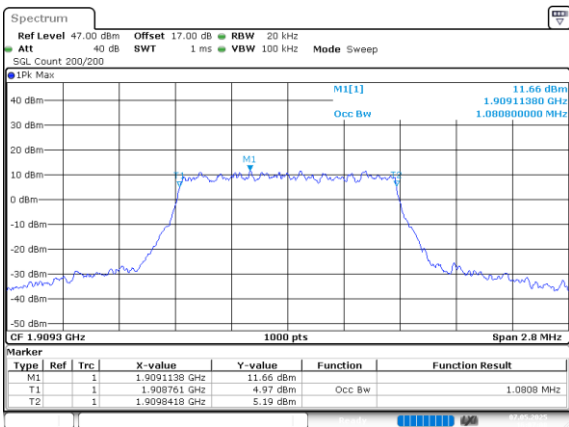


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 16:06:55

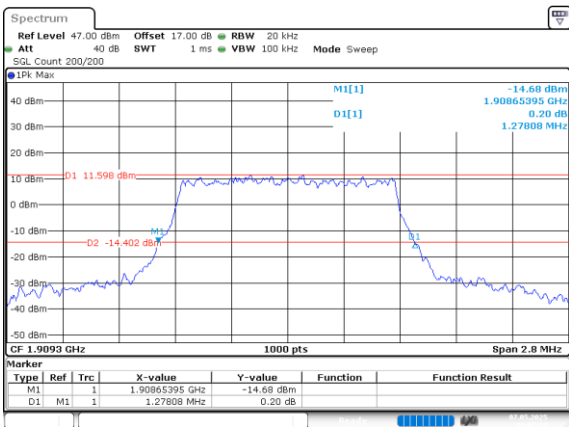
1.4MHz_High_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 16:07:08

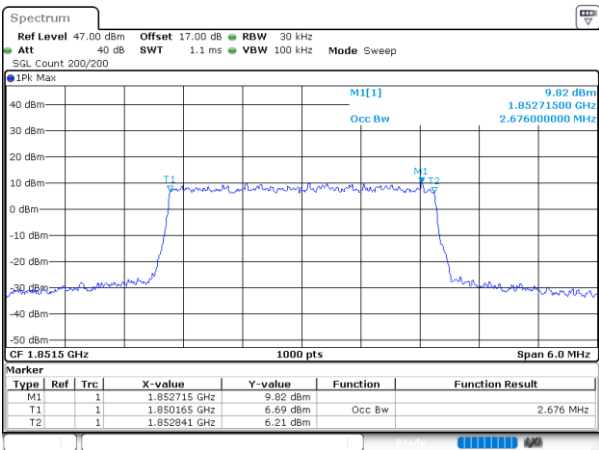


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 7.MAY.2025 16:07:12

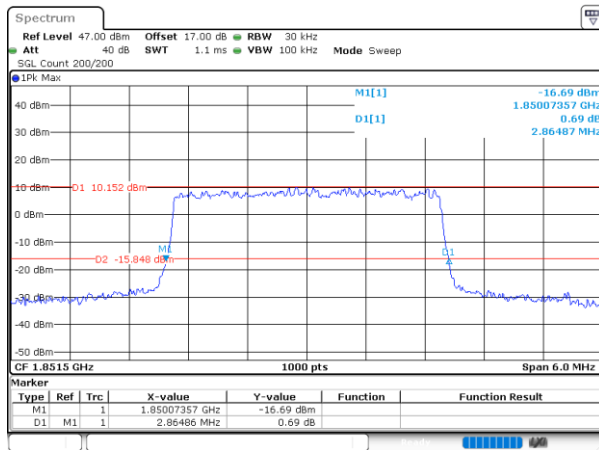
3MHz_Low_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:29:58

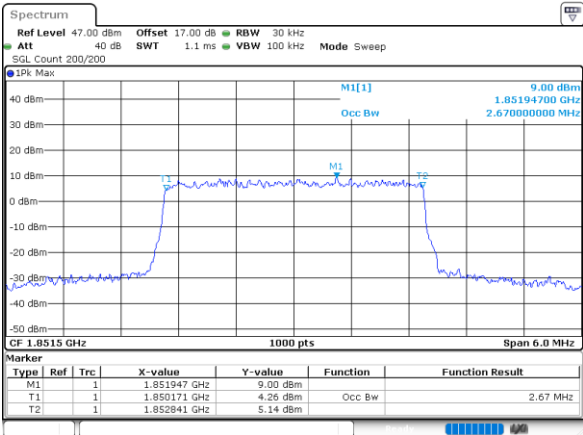


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:30:11

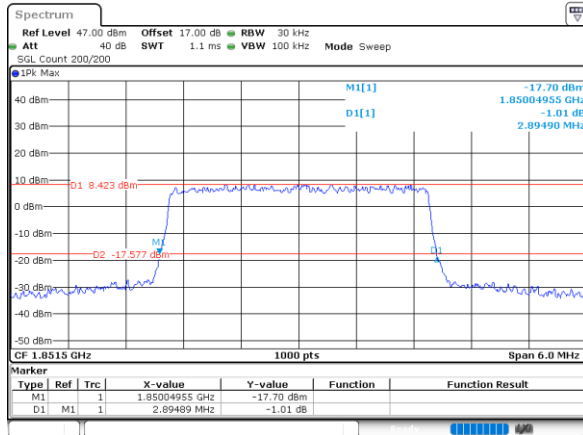
3MHz_Low_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:30:49

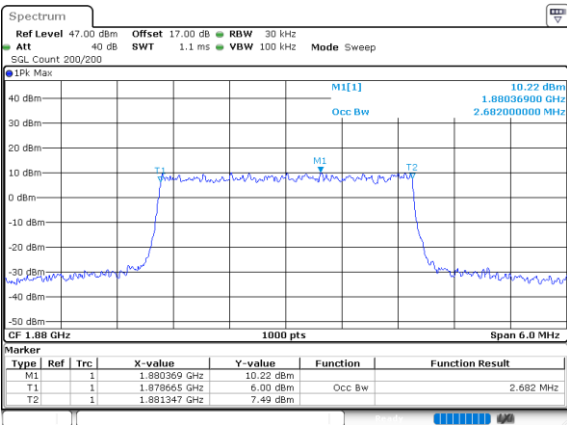


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:31:00

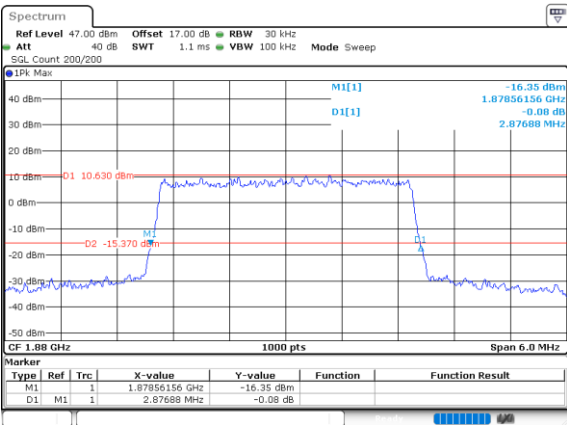
3MHz_Middle_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:31:37

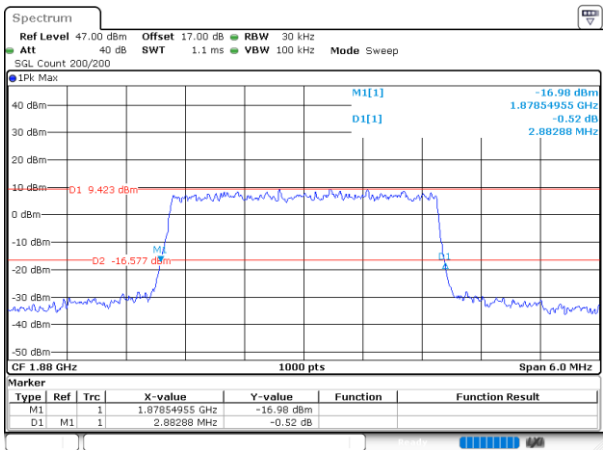
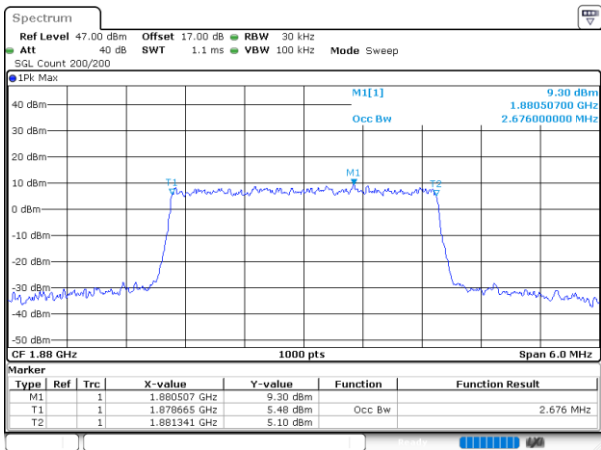


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:31:51

3MHz_Middle_16QAM_15@0

Occupied Bandwidth

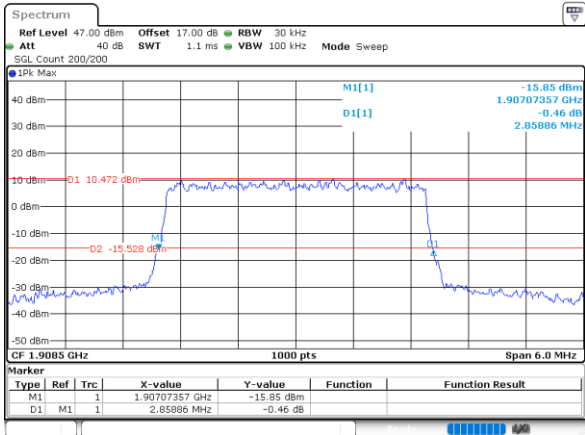
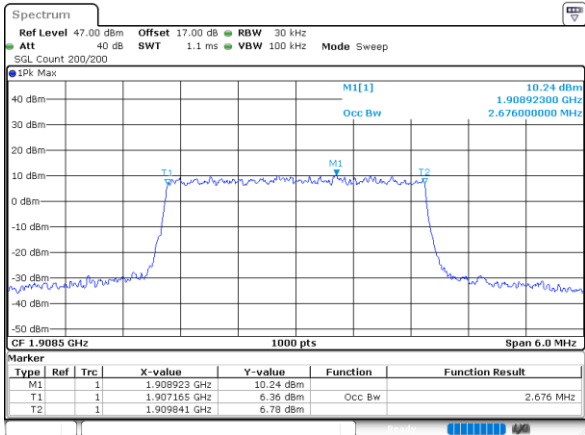
26dB Bandwidth



3MHz_High_QPSK_15@0

Occupied Bandwidth

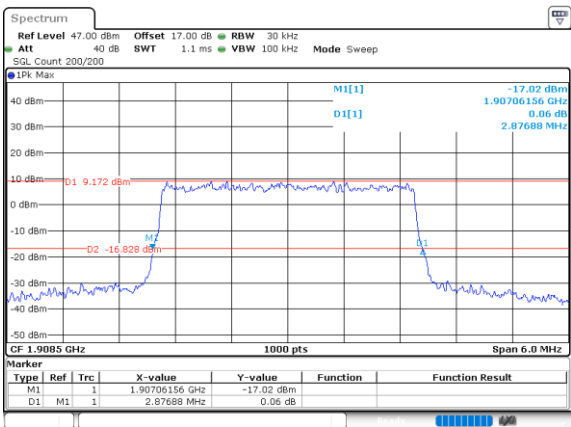
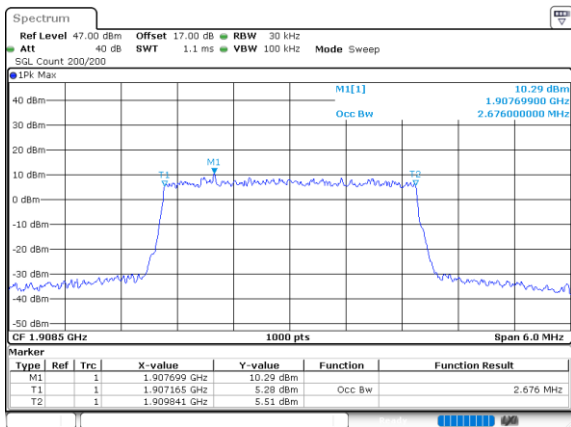
26dB Bandwidth



3MHz_High_16QAM_15@0

Occupied Bandwidth

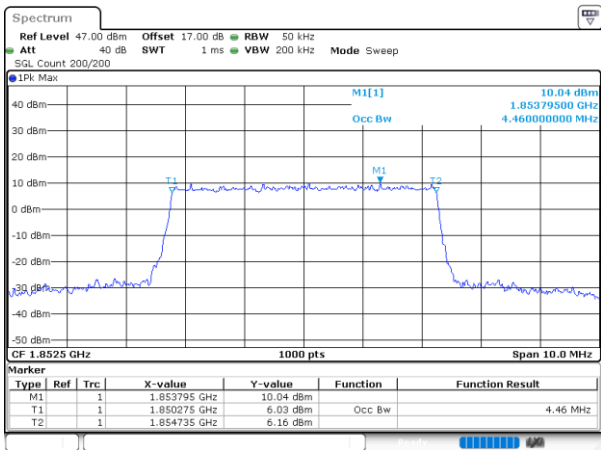
26dB Bandwidth



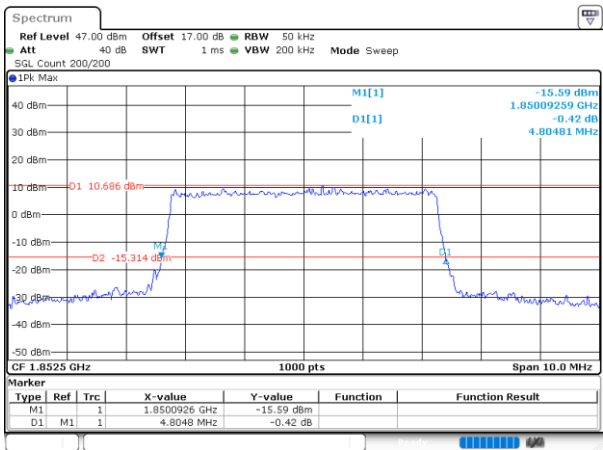
5MHz_Low_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:35:32

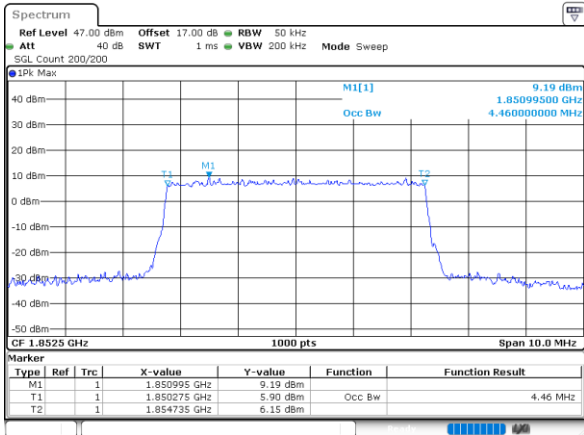


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:35:47

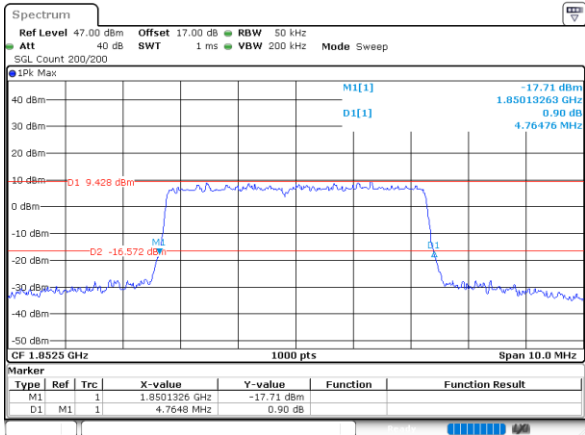
5MHz_Low_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:36:27

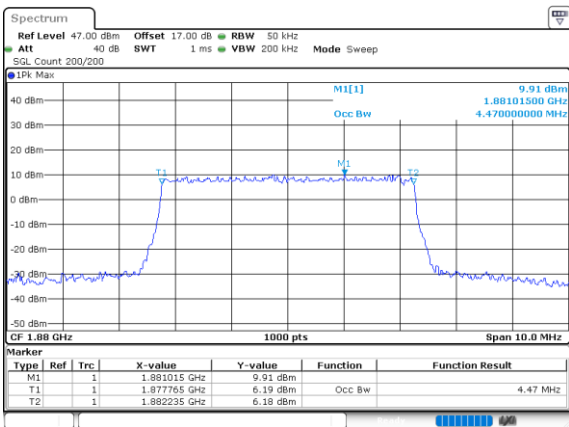


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:36:41

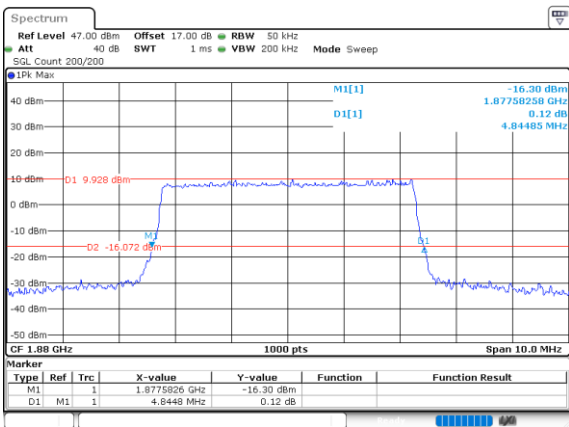
5MHz_Middle_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:37:20

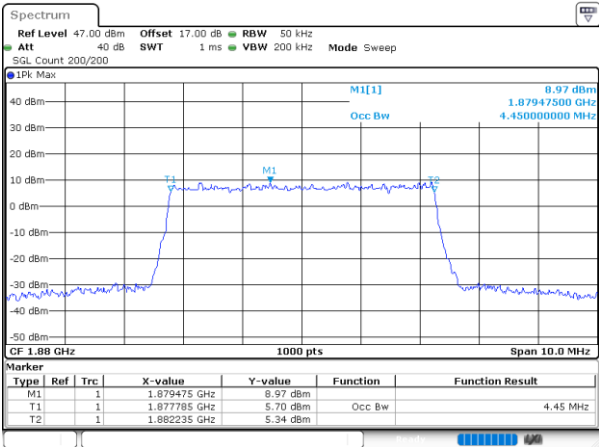


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:37:32

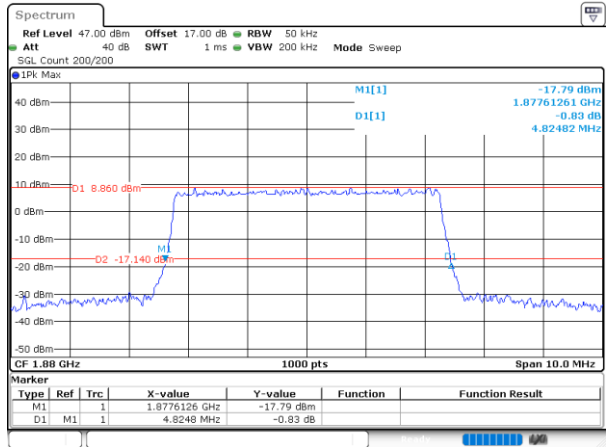
5MHz_Middle_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:38:13

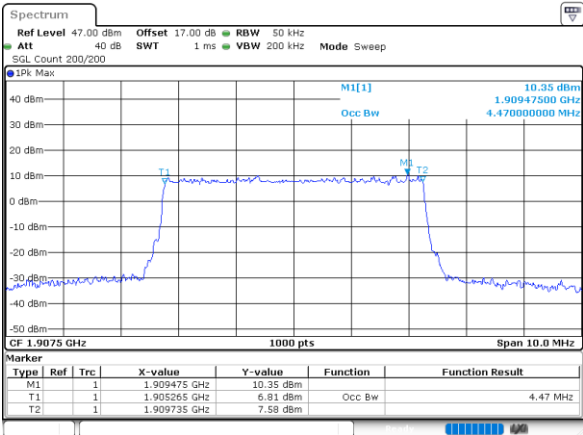


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:38:26

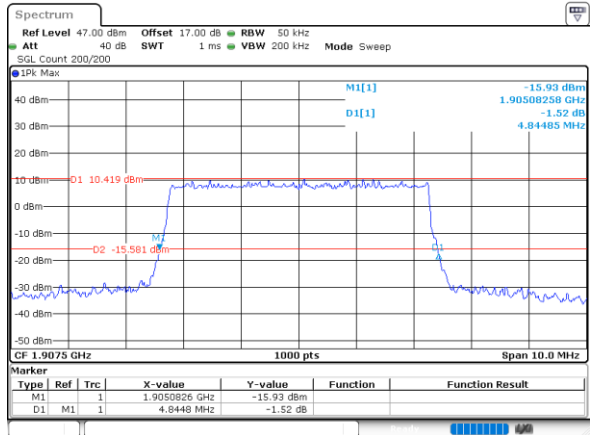
5MHz_High_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:39:01

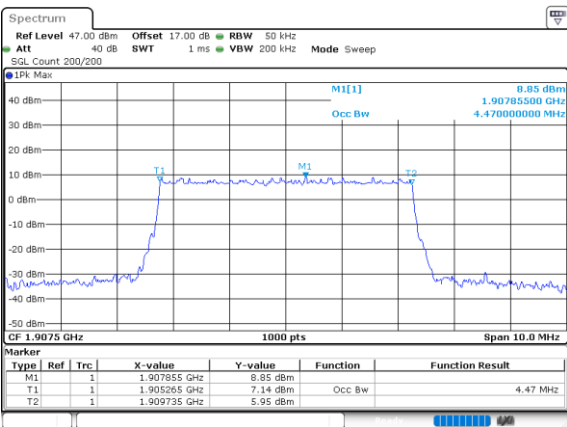


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:39:17

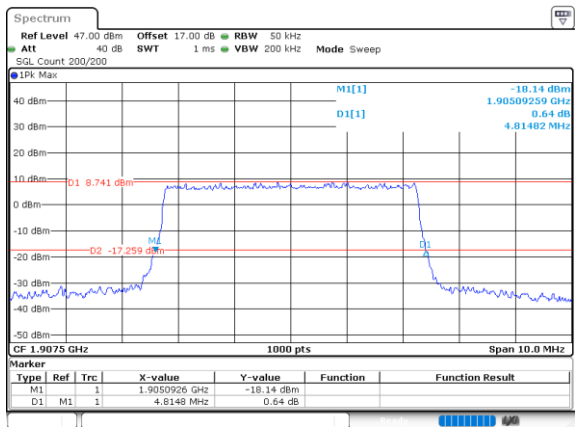
5MHz_High_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:42:54

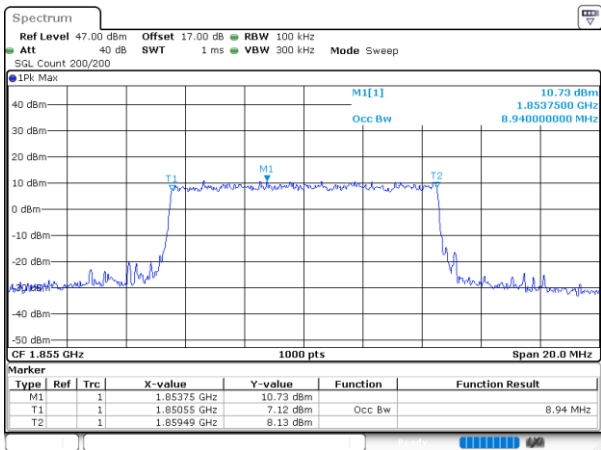


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:43:06

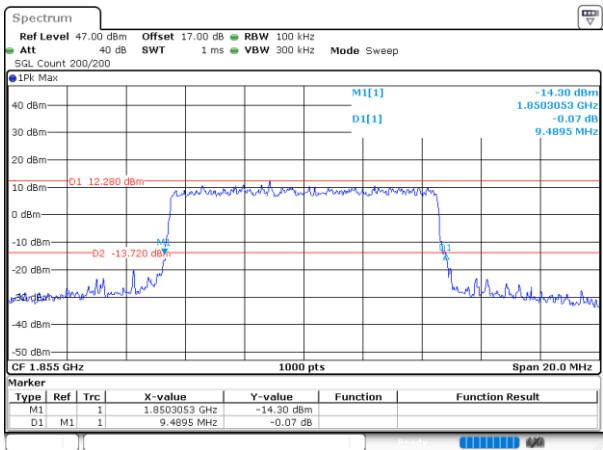
10MHz_Low_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:44:32

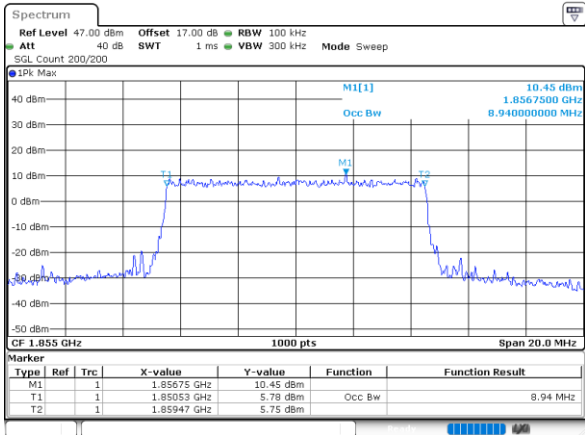


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:44:47

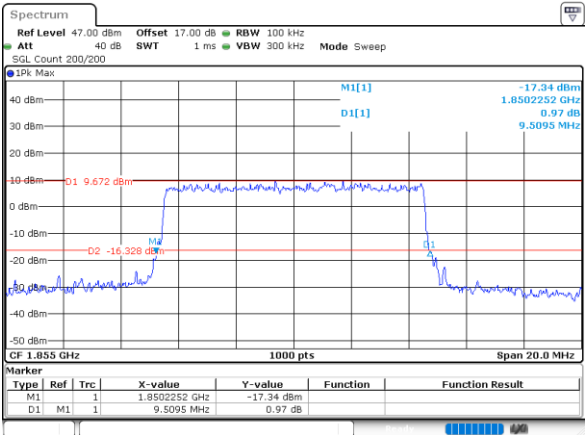
10MHz_Low_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:45:24

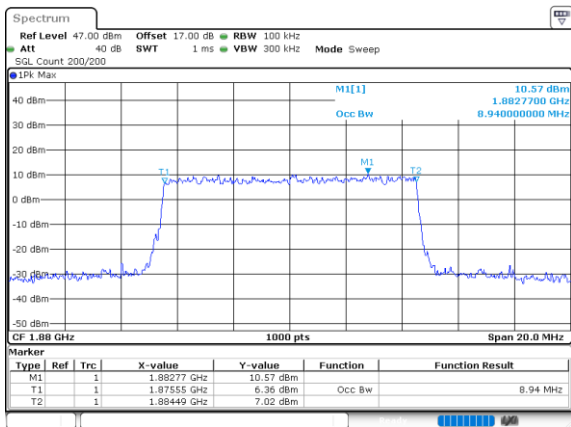


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:45:40

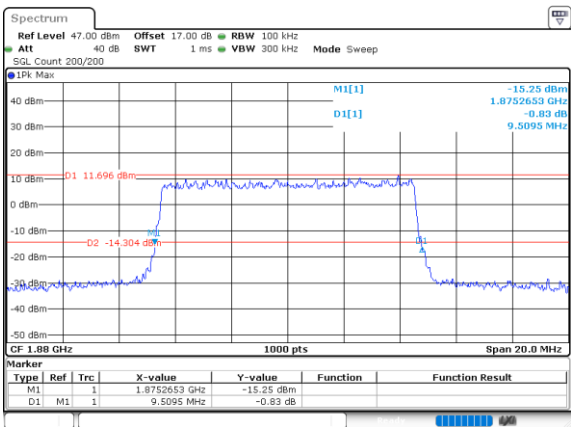
10MHz_Middle_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:46:19

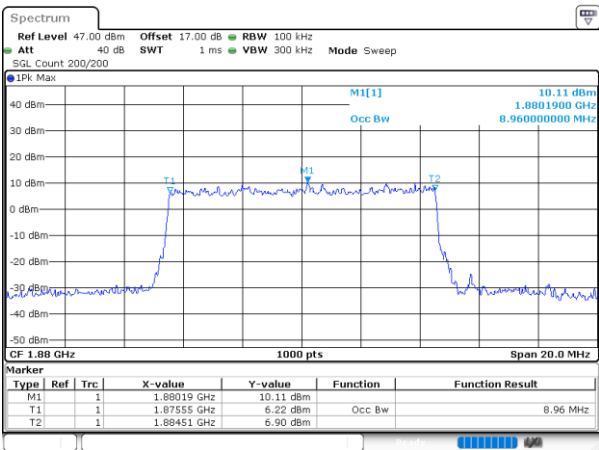


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:46:34

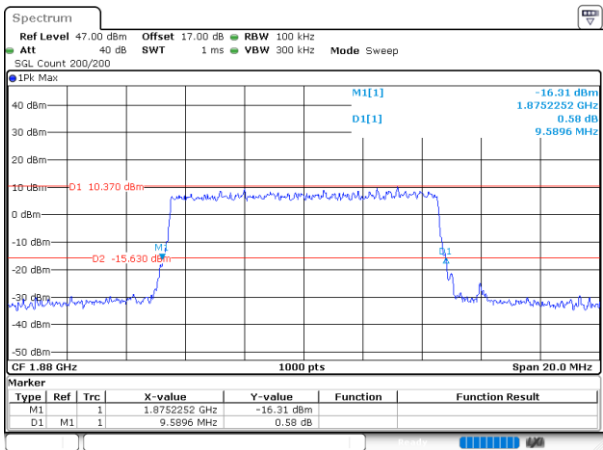
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:47:13

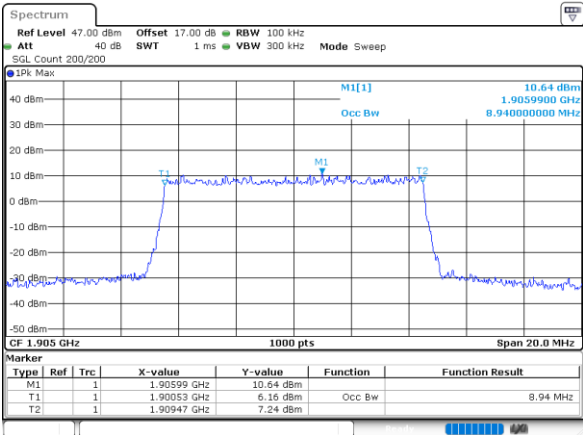


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:47:26

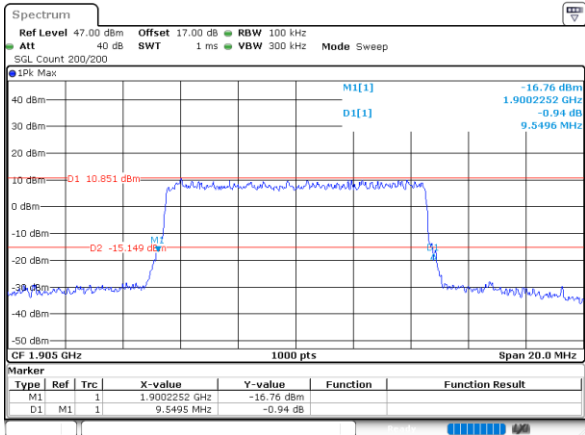
10MHz_High_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:48:06

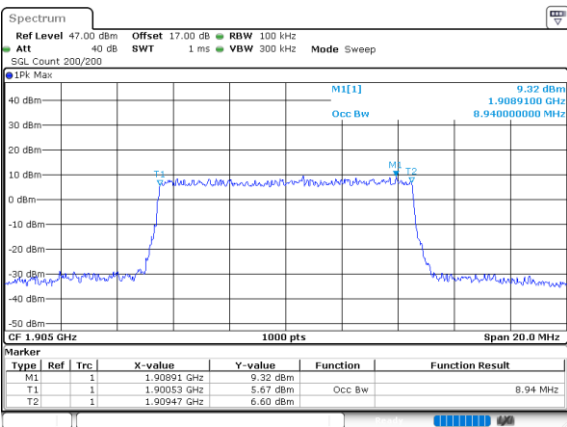


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:48:20

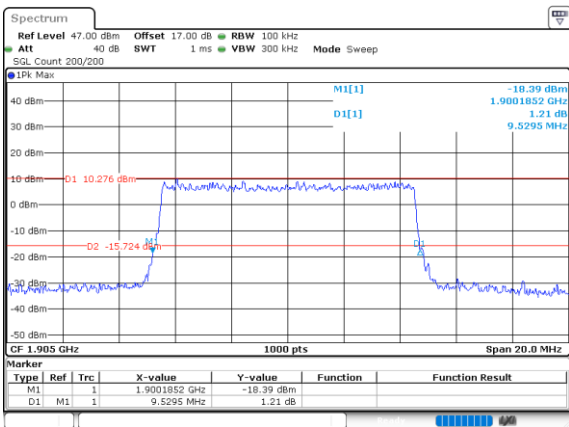
10MHz_High_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:48:58

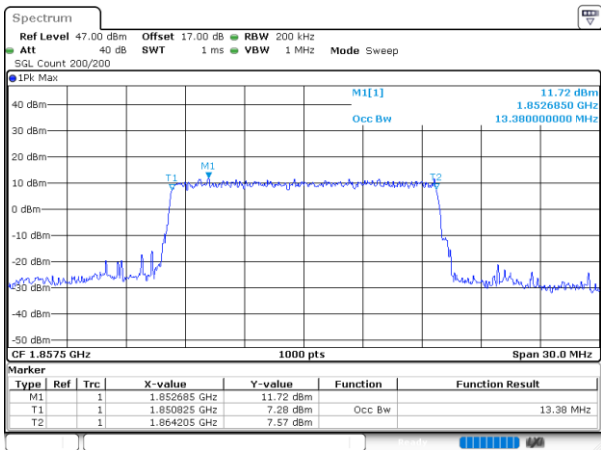


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:49:14

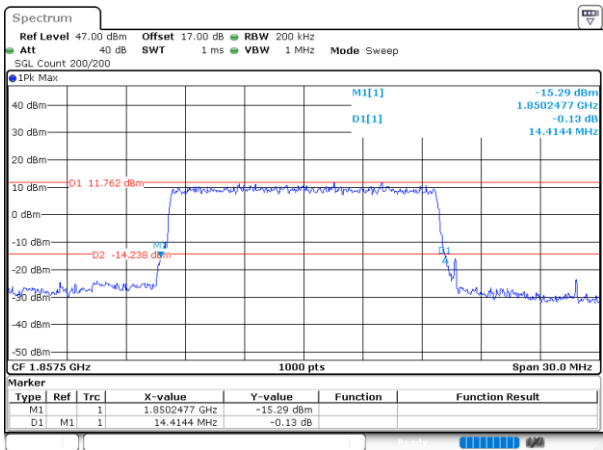
15MHz_Low_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:50:40

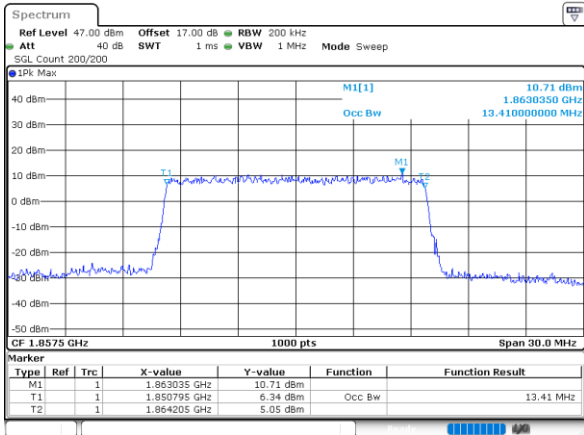


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:50:54

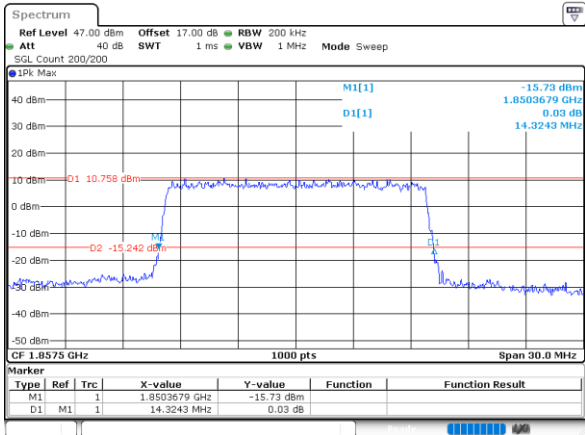
15MHz_Low_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:51:35

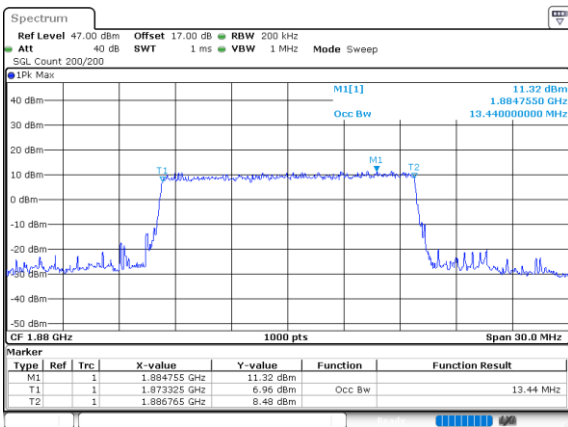


ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:51:49

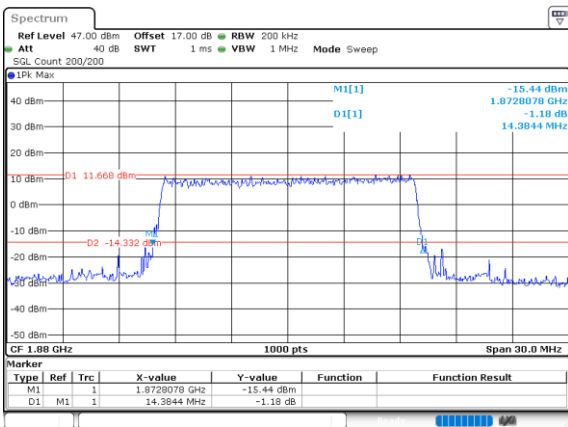
15MHz_Middle_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:52:35



ProjectNo.:2504Q09049E-RF Tester:Benny LI
Date: 3.MAR.2025 10:52:48