

Occupied Bandwidth

FCC Part 24E

LTE Band 2, Normal

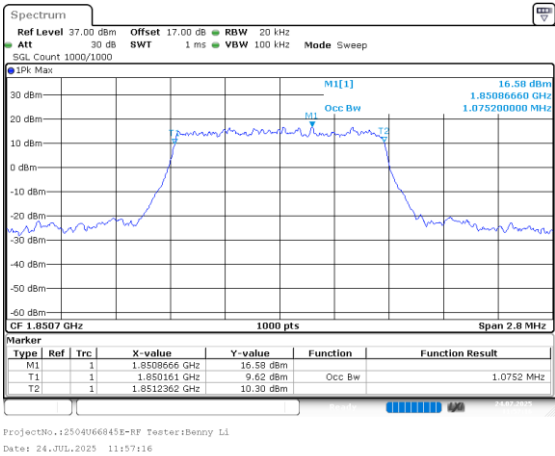
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.075	1.244
1.4MHz_Low_16QAM_6@0	1.086	1.289
1.4MHz_Middle_QPSK_6@0	1.075	1.247
1.4MHz_Middle_16QAM_6@0	1.089	1.298
1.4MHz_High_QPSK_6@0	1.086	1.273
1.4MHz_High_16QAM_6@0	1.078	1.270
3MHz_Low_QPSK_15@0	2.676	2.871
3MHz_Low_16QAM_15@0	2.682	2.883
3MHz_Middle_QPSK_15@0	2.676	2.877
3MHz_Middle_16QAM_15@0	2.676	2.877
3MHz_High_QPSK_15@0	2.682	2.877
3MHz_High_16QAM_15@0	2.676	2.877
5MHz_Low_QPSK_25@0	4.470	4.825
5MHz_Low_16QAM_25@0	4.480	4.835
5MHz_Middle_QPSK_25@0	4.470	4.835
5MHz_Middle_16QAM_25@0	4.470	4.855
5MHz_High_QPSK_25@0	4.470	4.845
5MHz_High_16QAM_25@0	4.470	4.795
10MHz_Low_QPSK_50@0	8.920	9.550
10MHz_Low_16QAM_50@0	8.940	9.610
10MHz_Middle_QPSK_50@0	8.940	9.590
10MHz_Middle_16QAM_50@0	8.940	9.530
10MHz_High_QPSK_50@0	8.940	9.630
10MHz_High_16QAM_50@0	8.980	9.570
15MHz_Low_QPSK_75@0	13.440	14.625
15MHz_Low_16QAM_75@0	13.440	14.475
15MHz_Middle_QPSK_75@0	13.440	14.444
15MHz_Middle_16QAM_75@0	13.410	14.505
15MHz_High_QPSK_75@0	13.440	14.565
15MHz_High_16QAM_75@0	13.440	14.475

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.880	18.979
20MHz_Low_16QAM_100@0	17.880	19.099
20MHz_Middle_QPSK_100@0	17.920	18.979
20MHz_Middle_16QAM_100@0	17.920	19.099
20MHz_High_QPSK_100@0	17.880	19.059
20MHz_High_16QAM_100@0	17.880	18.979

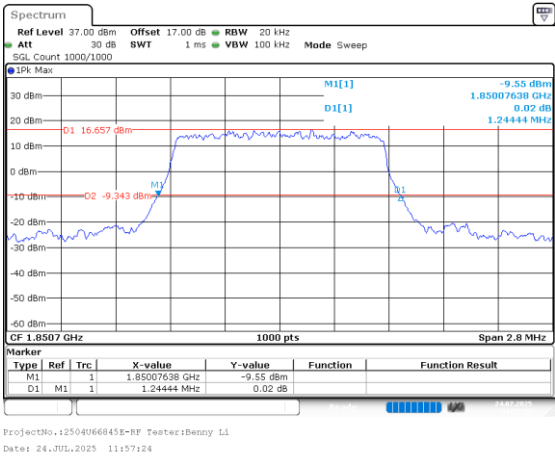
LTE Band 2, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

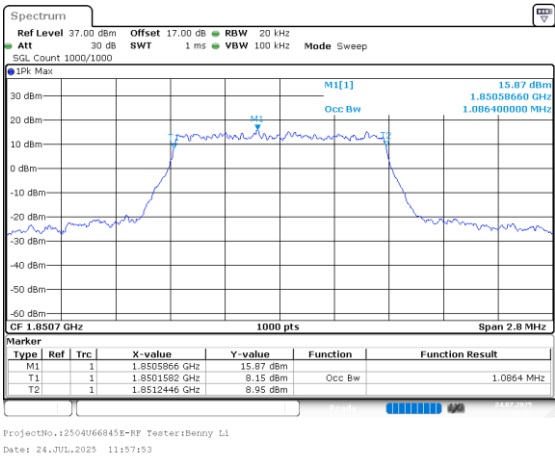


26dB Bandwidth

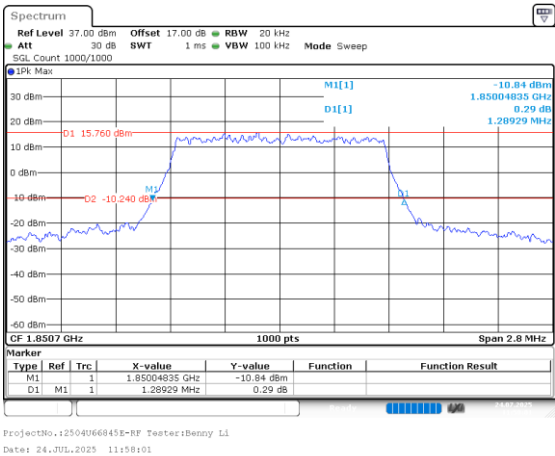


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

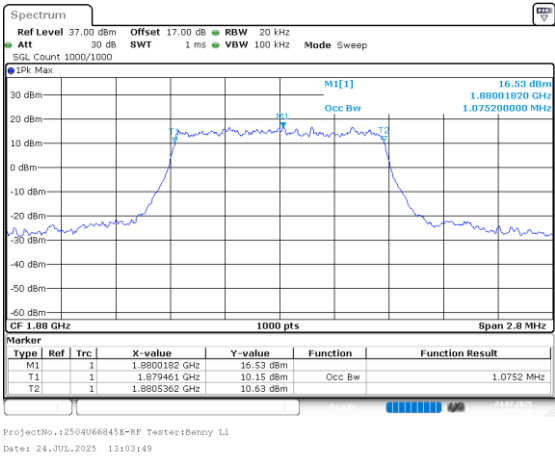


26dB Bandwidth

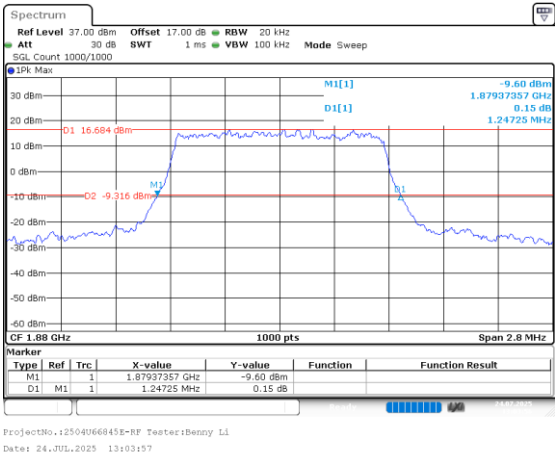


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



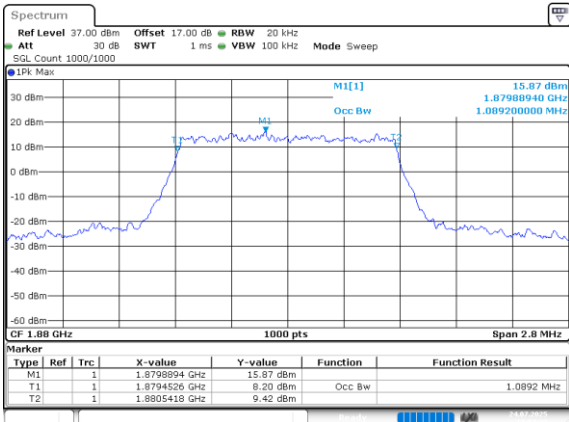
26dB Bandwidth



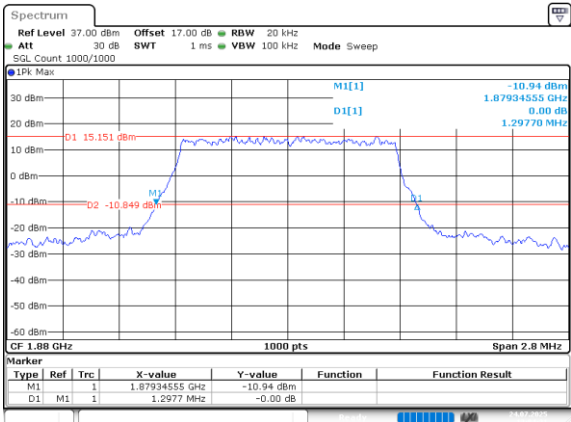
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:04:24

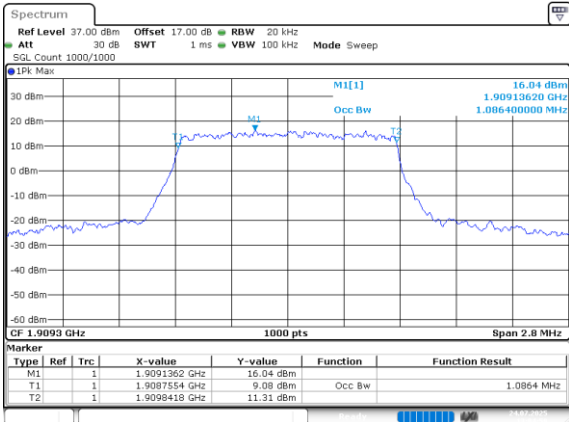


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:04:32

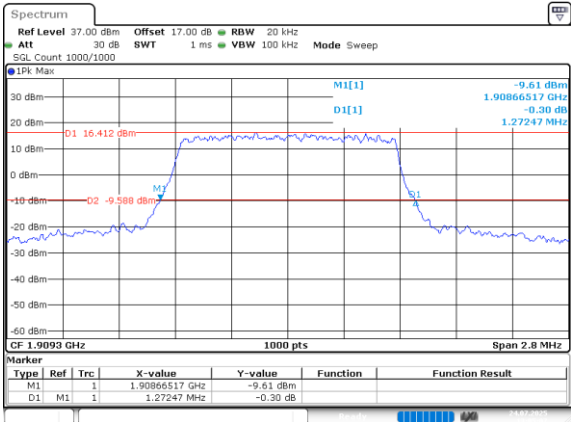
1.4MHz_High_QPSK_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:04:59

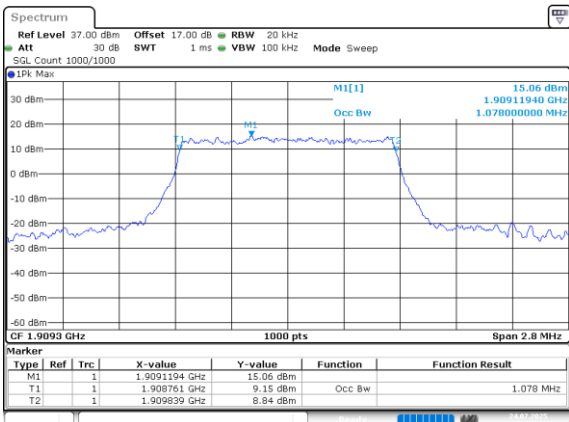


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:05:08

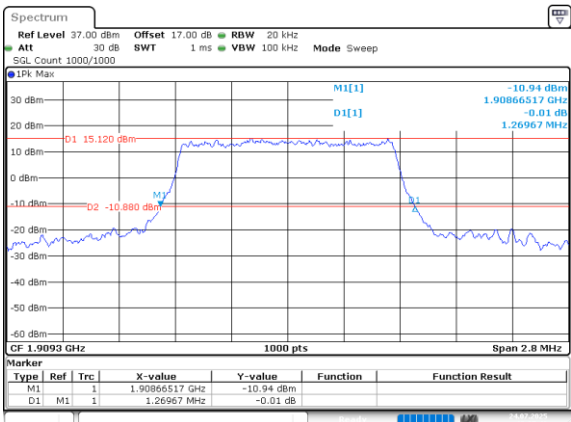
1.4MHz_High_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:05:37

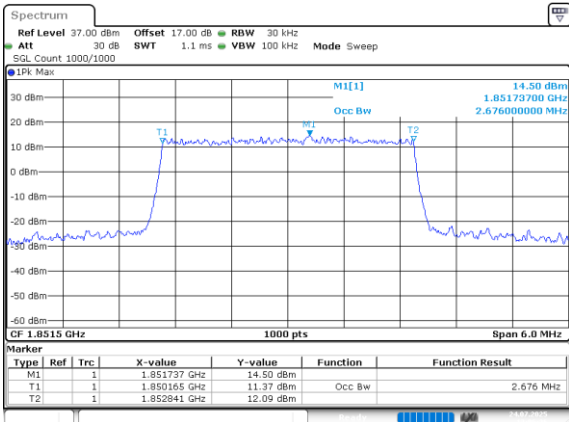


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:05:46

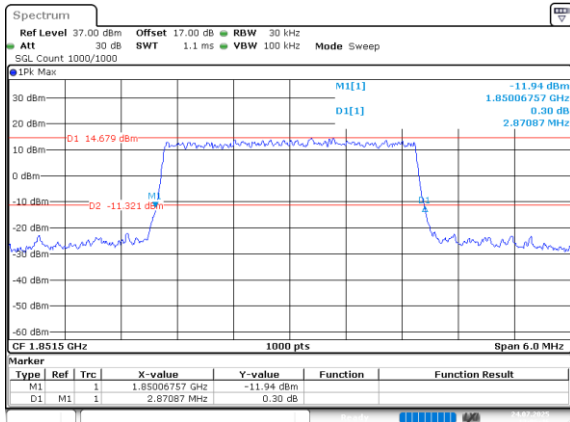
3MHz_Low_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:06:36

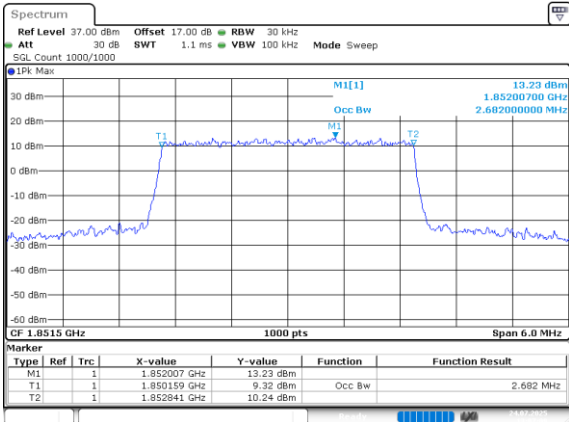


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:06:47

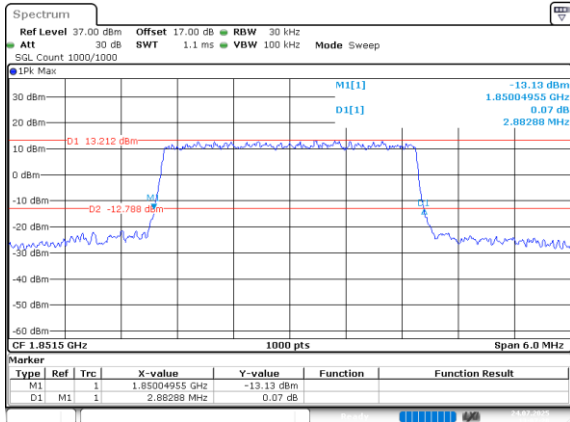
3MHz_Low_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:07:09

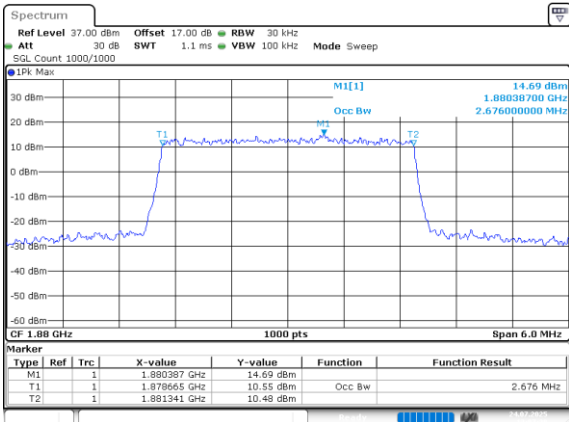


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:07:20

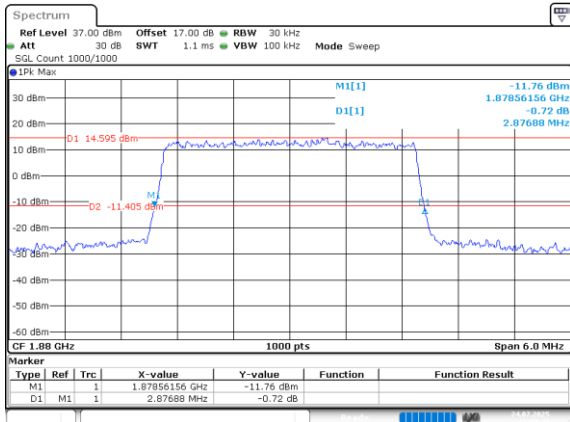
3MHz_Middle_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:07:39

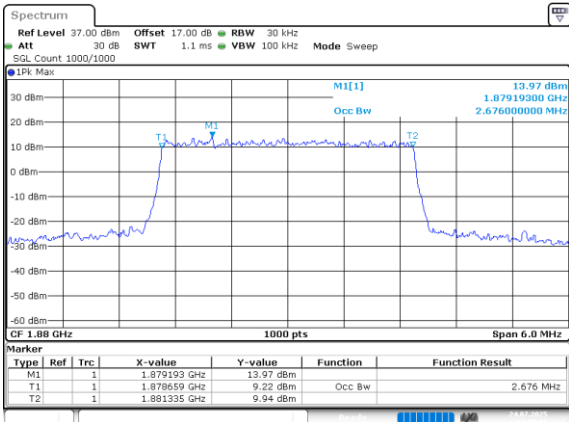


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:07:47

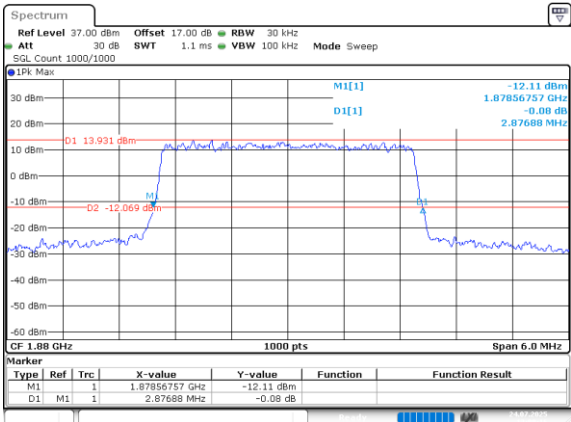
3MHz_Middle_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:08:08

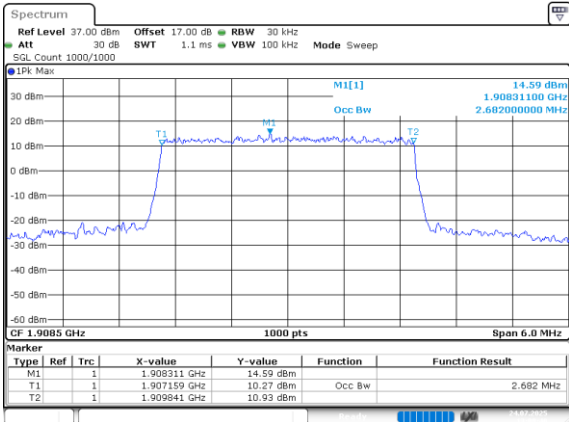


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:08:17

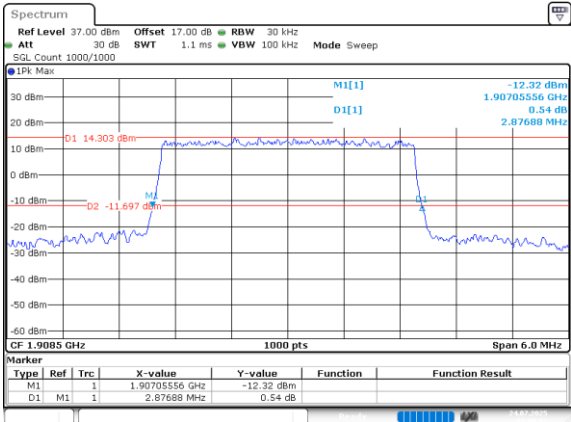
3MHz_High_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:08:41

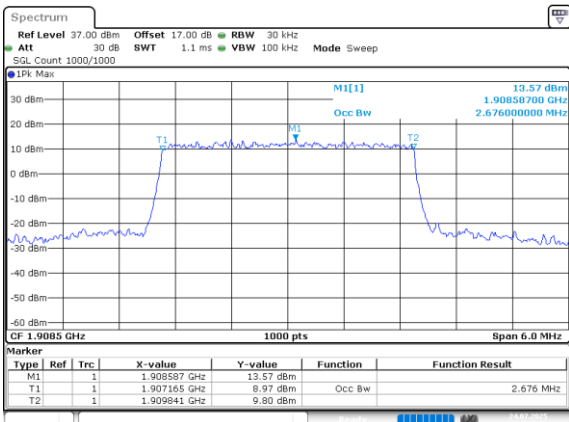


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:08:52

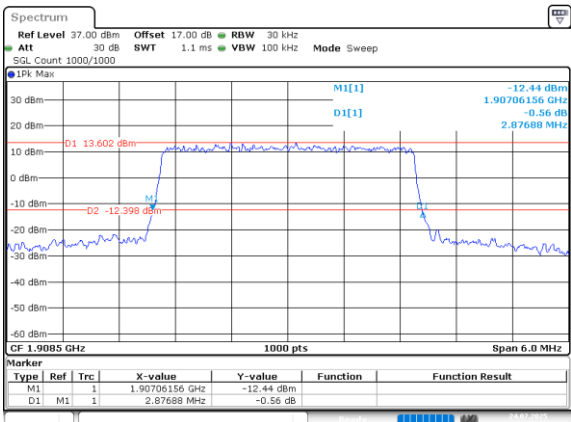
3MHz_High_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:09:16

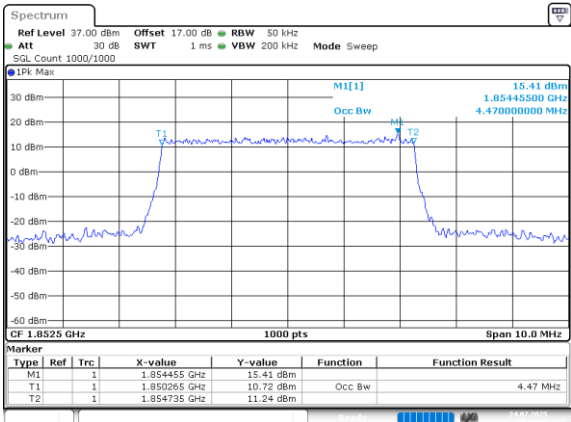


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:09:28

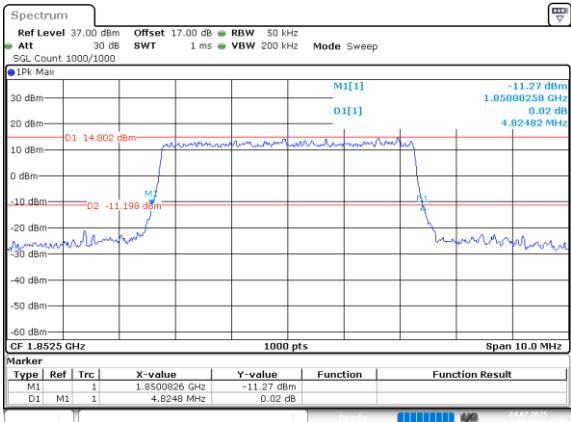
5MHz_Low_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:10:23

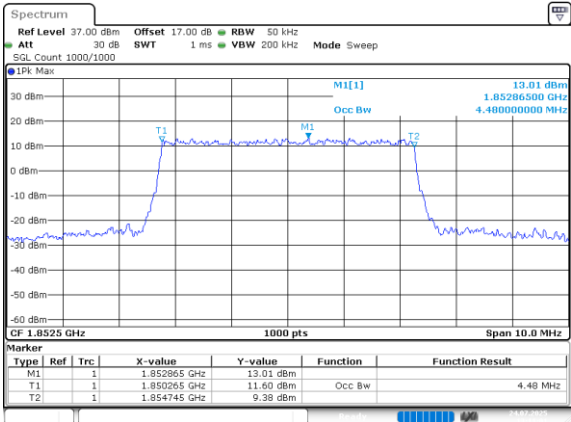


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:10:36

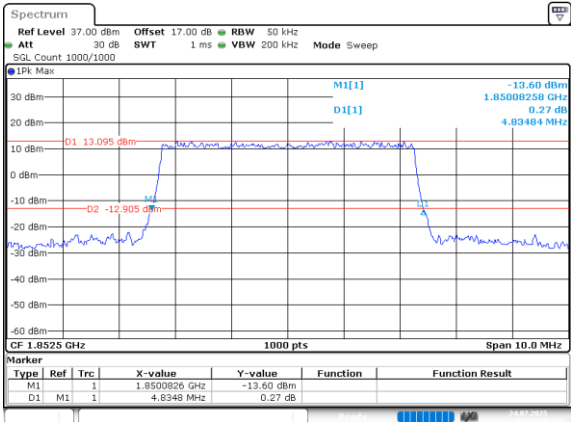
5MHz_Low_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:11:02

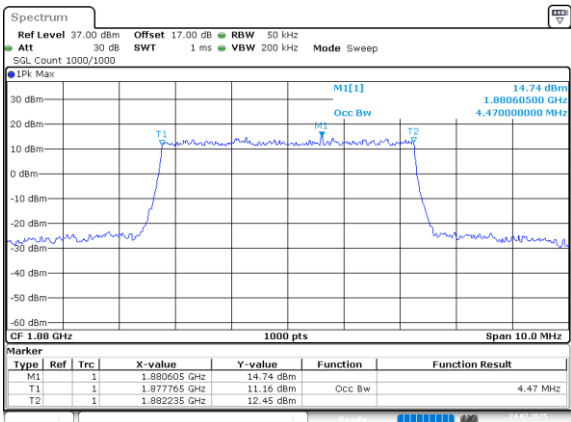


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:11:14

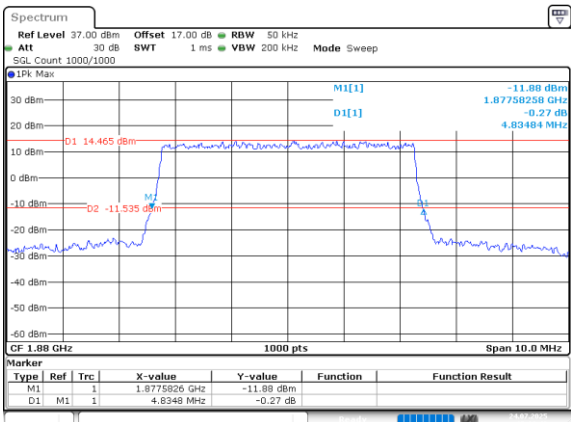
5MHz_Middle_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:11:35

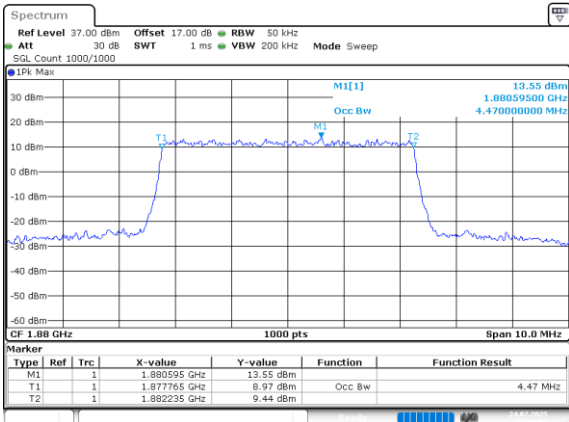


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:11:43

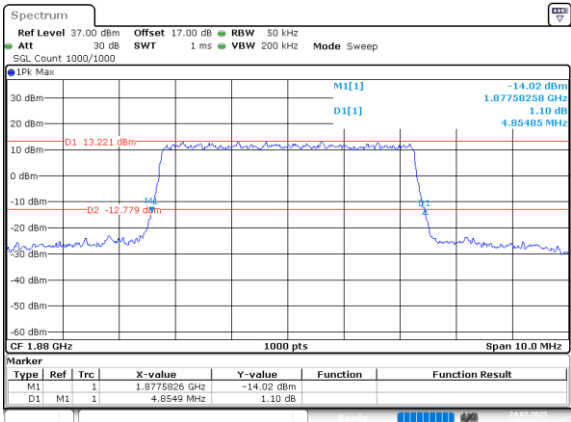
5MHz_Middle_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:12:04

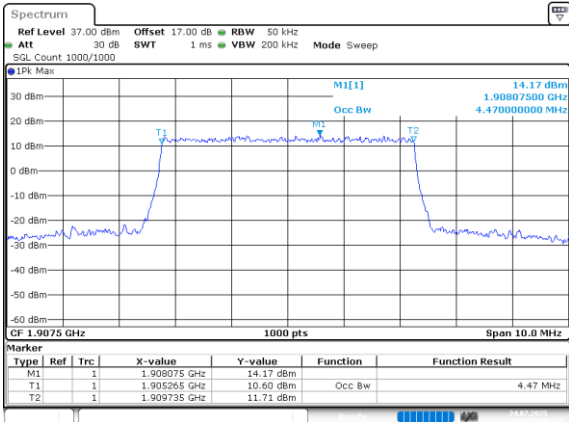


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:12:12

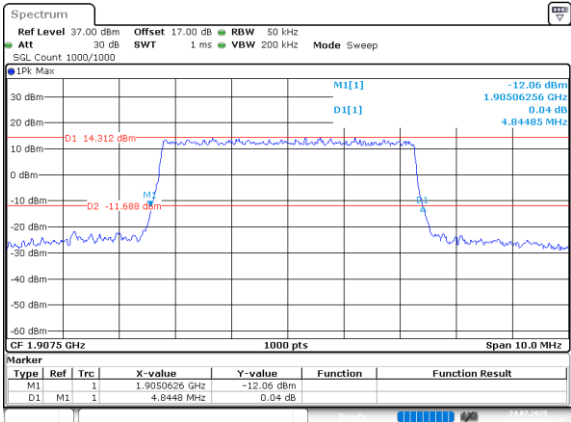
5MHz_High_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:12:39

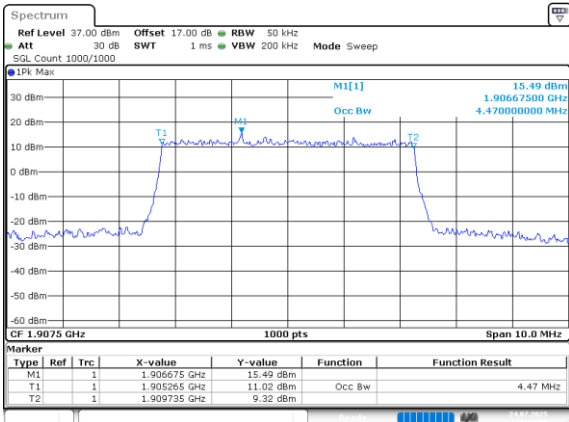


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:12:52

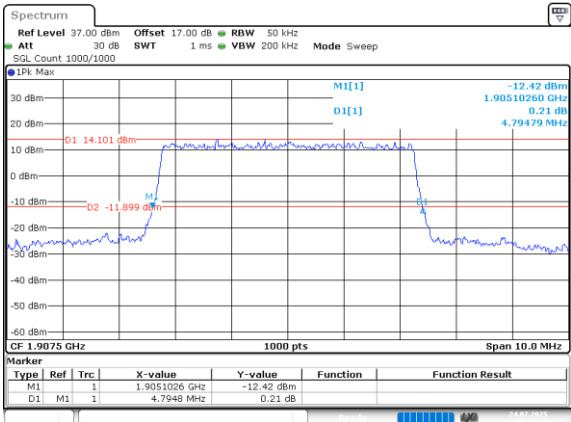
5MHz_High_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:13:20

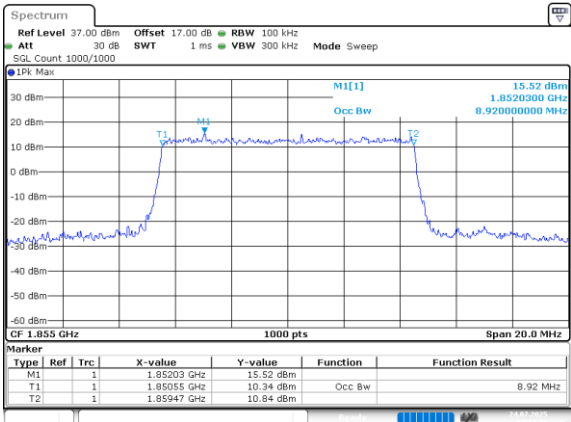


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:13:33

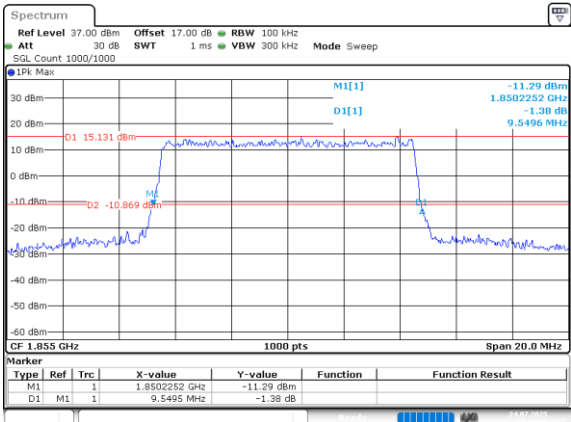
10MHz_Low_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:14:31

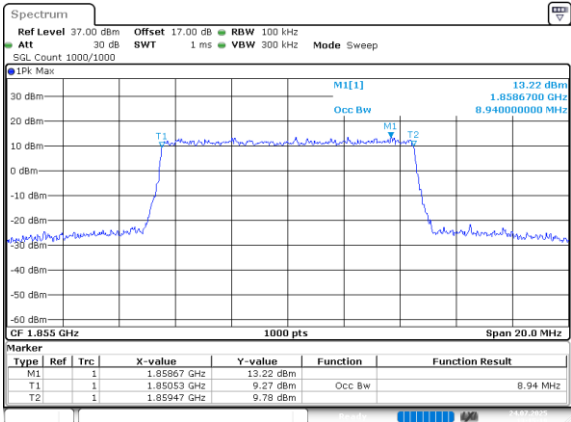


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:14:49

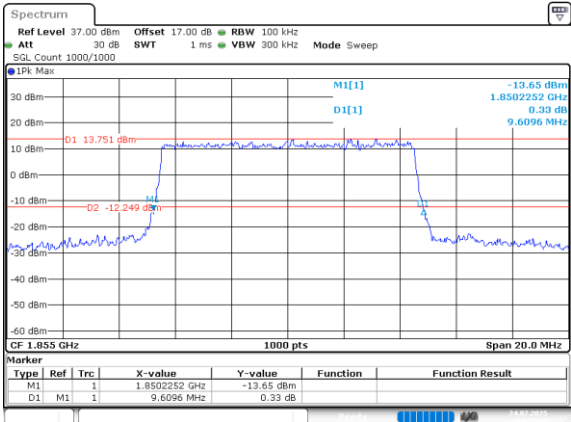
10MHz_Low_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:15:20

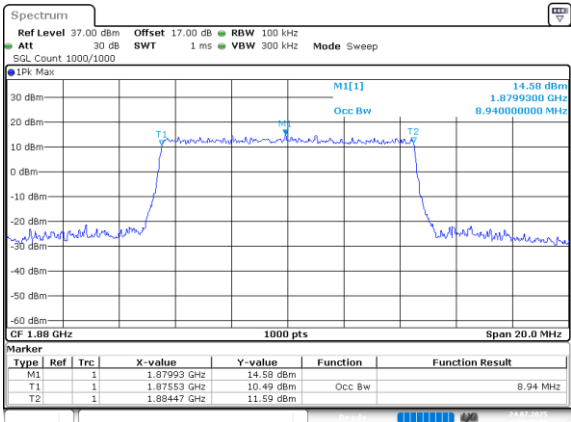


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:15:37

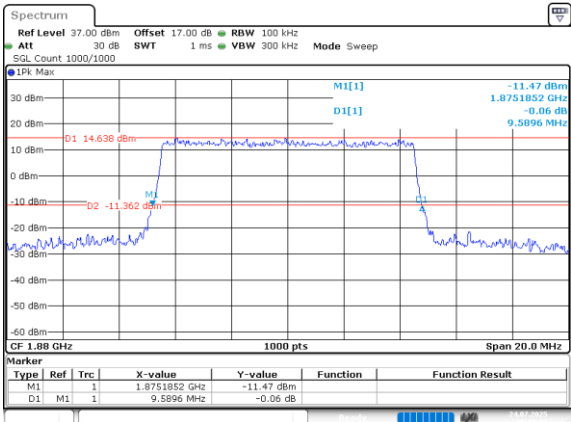
10MHz_Middle_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:16:07

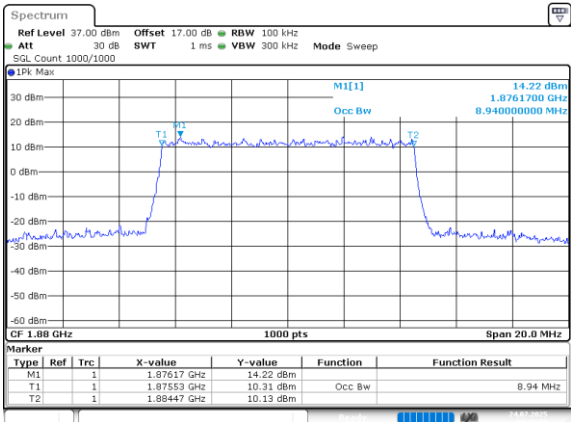


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:16:23

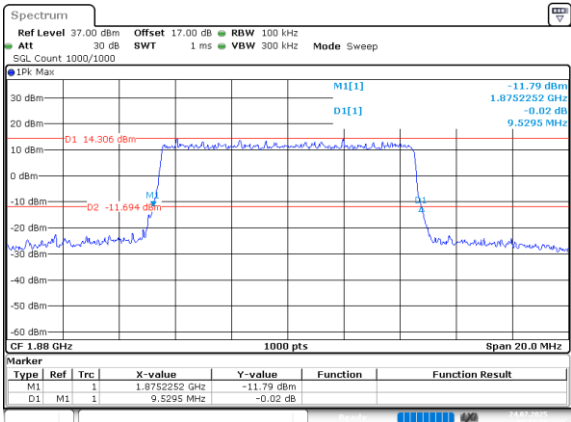
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:16:53

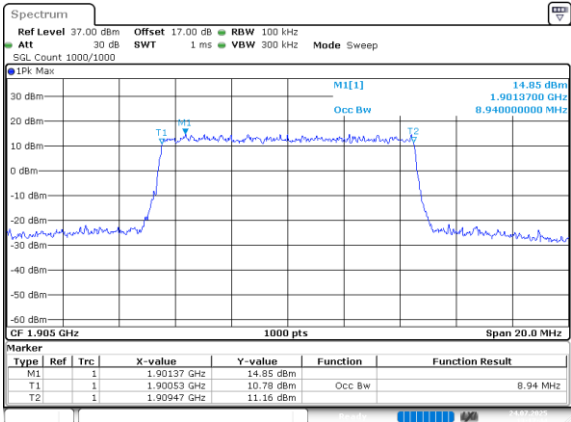


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:17:10

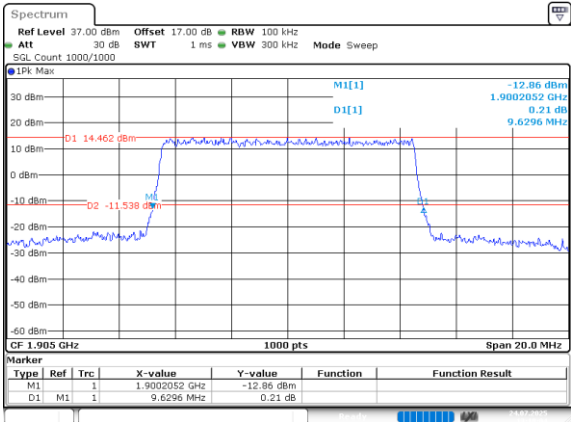
10MHz_High_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:17:45

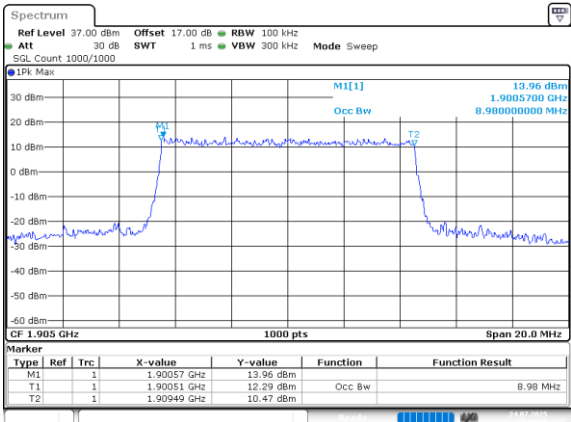


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:18:05

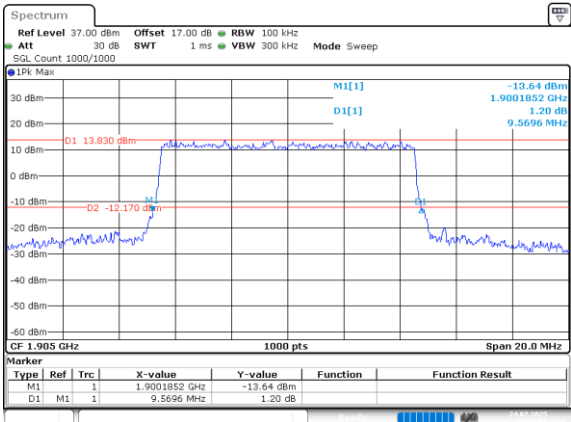
10MHz_High_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:18:39

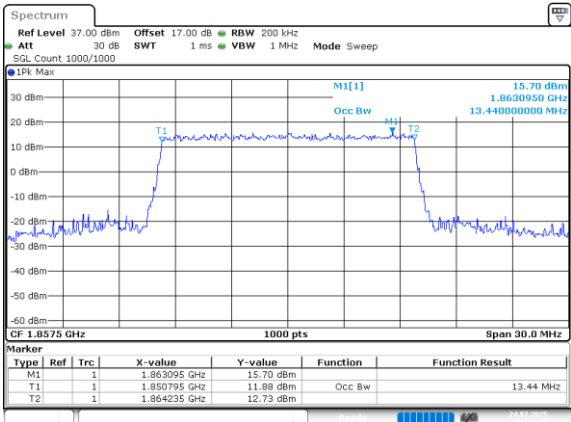


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:18:59

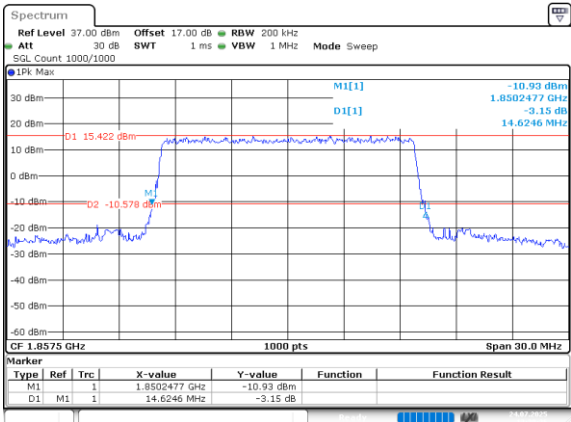
15MHz_Low_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:20:05

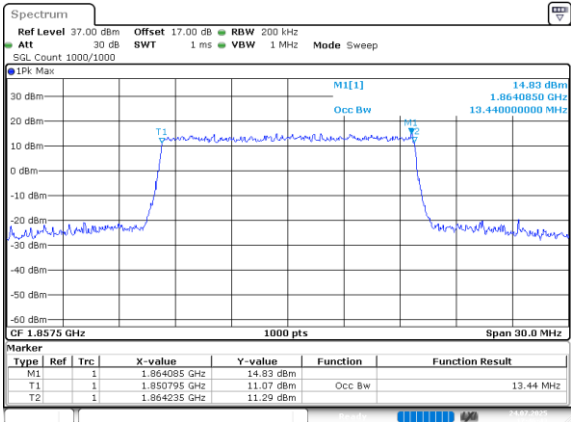


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:20:27

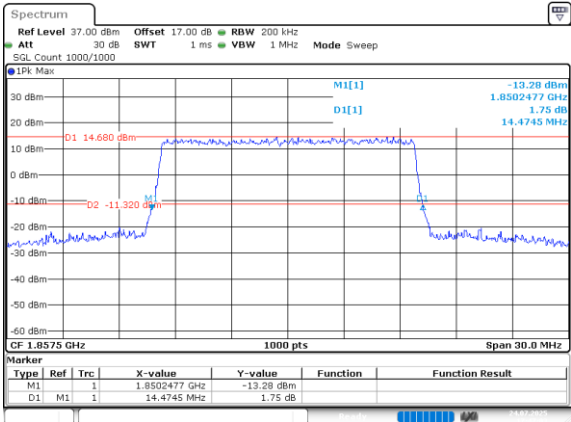
15MHz_Low_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 17:46:43

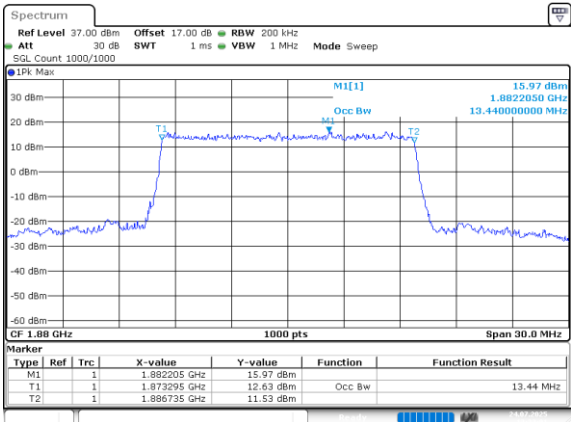


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 17:47:04

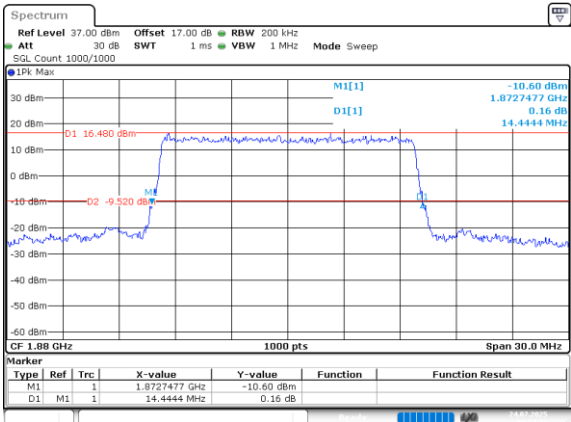
15MHz_Middle_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:22:01

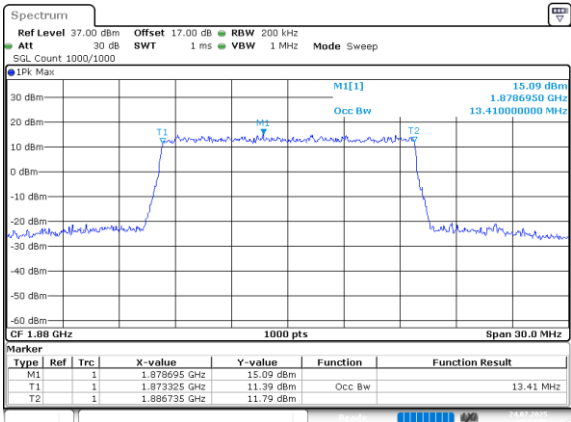


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:22:23

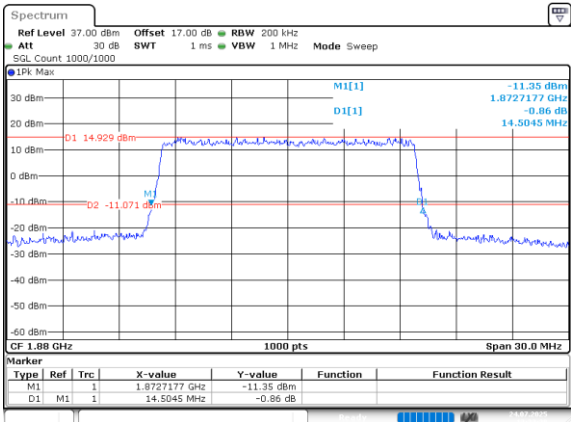
15MHz_Middle_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:22:59

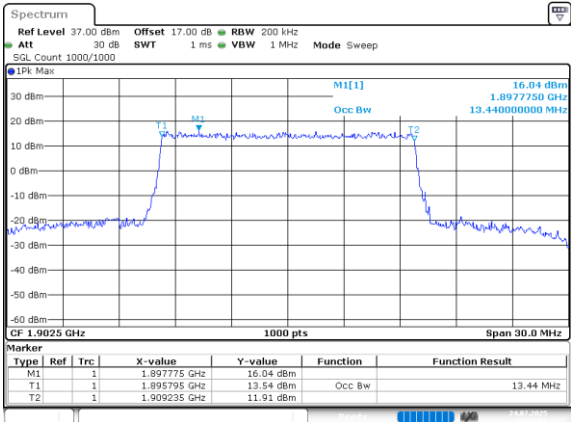


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:23:20

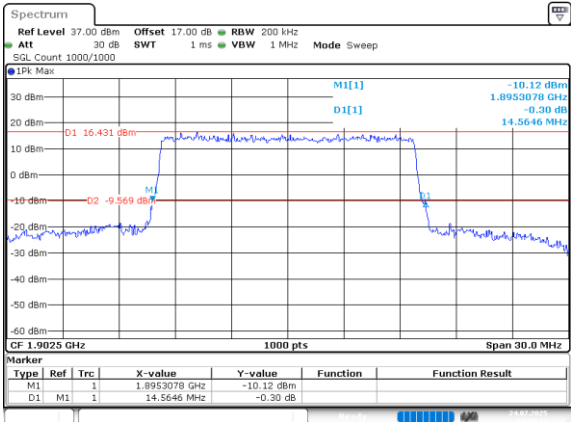
15MHz_High_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:23:56

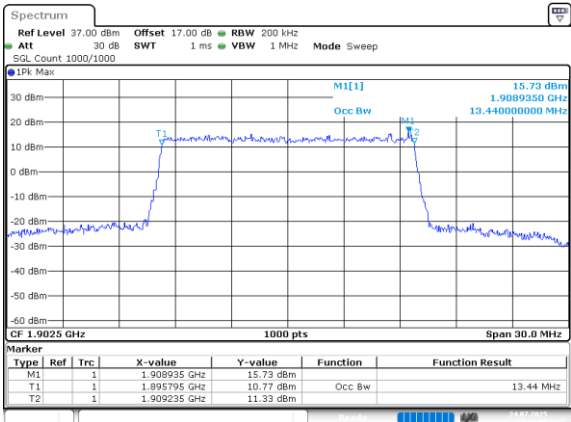


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:24:17

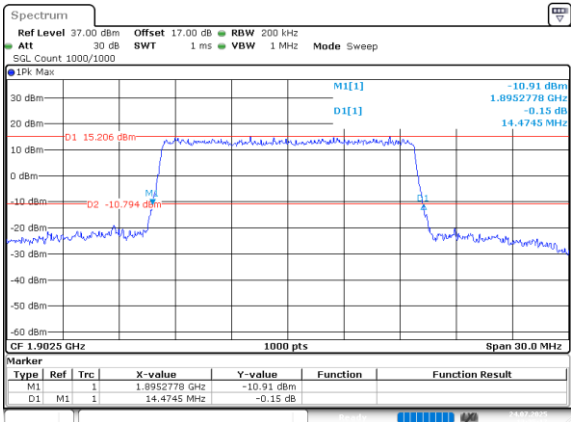
15MHz_High_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:24:56

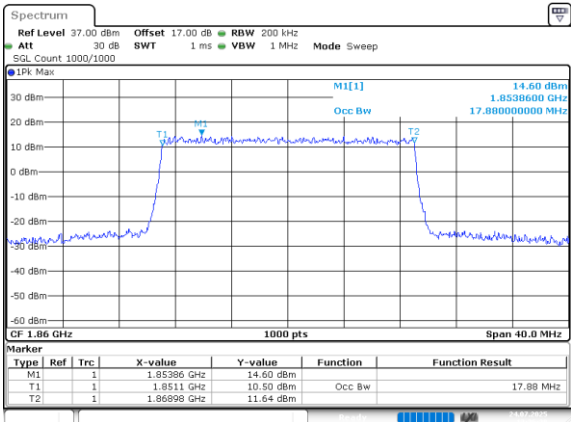


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:25:18

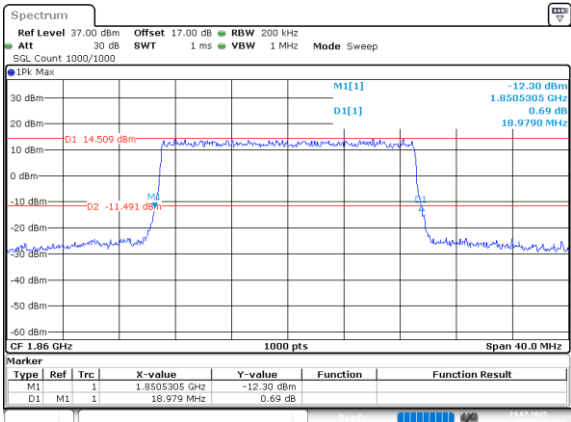
20MHz_Low_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:26:30

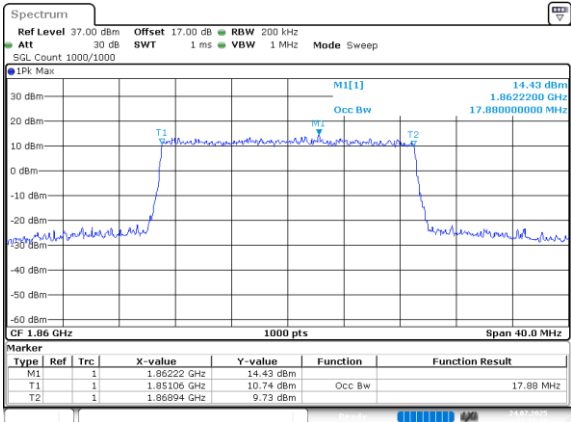


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:26:55

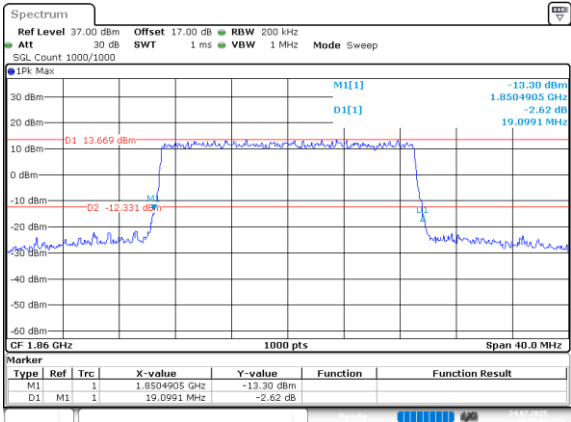
20MHz_Low_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:27:39

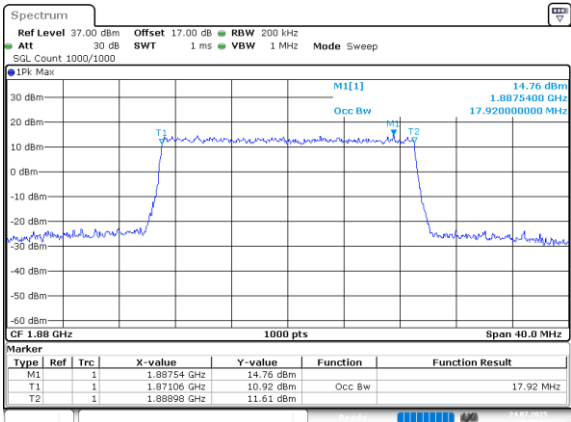


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:28:04

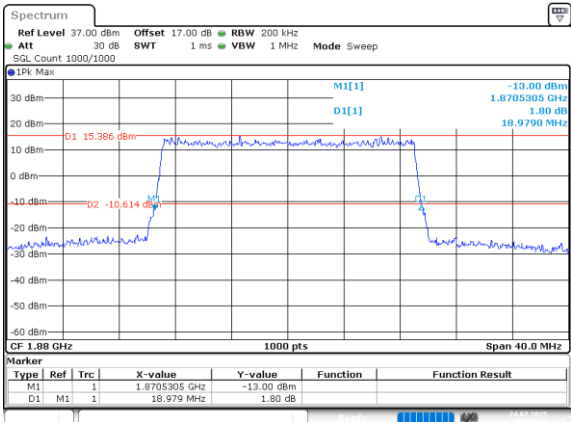
20MHz_Middle_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:28:44

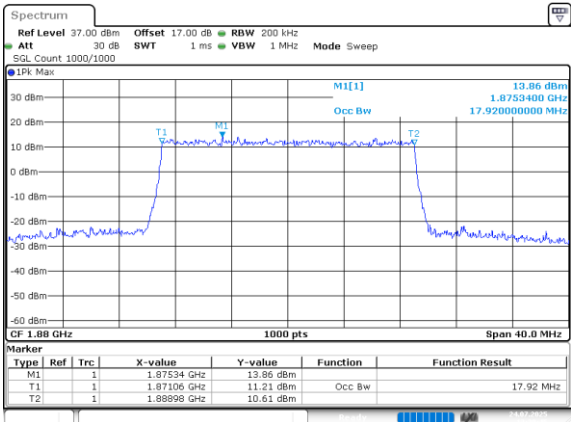


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:29:07

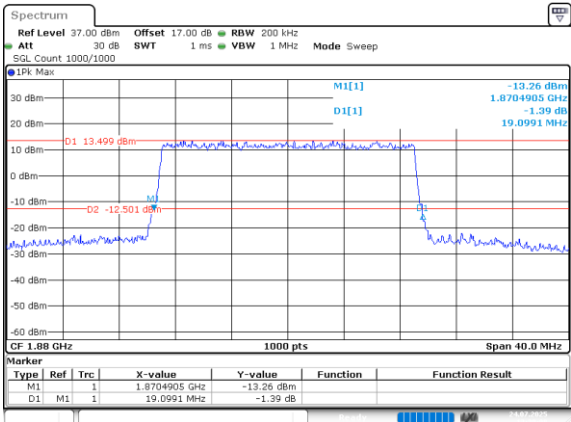
20MHz_Middle_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:29:46

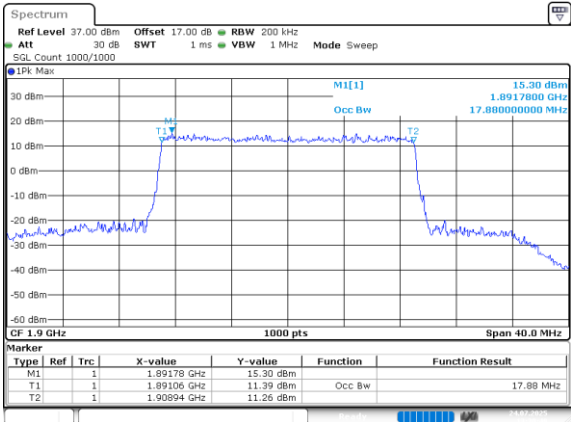


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:30:08

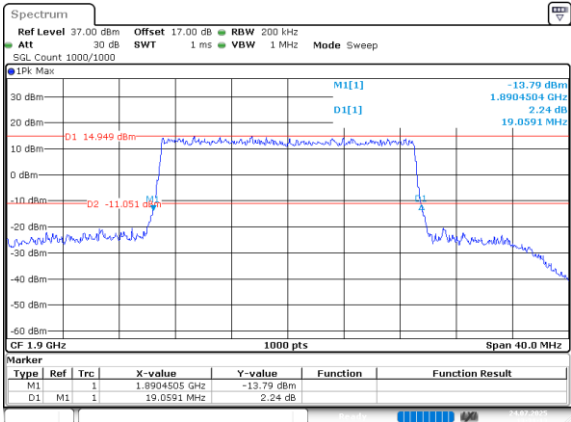
20MHz_High_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:30:50

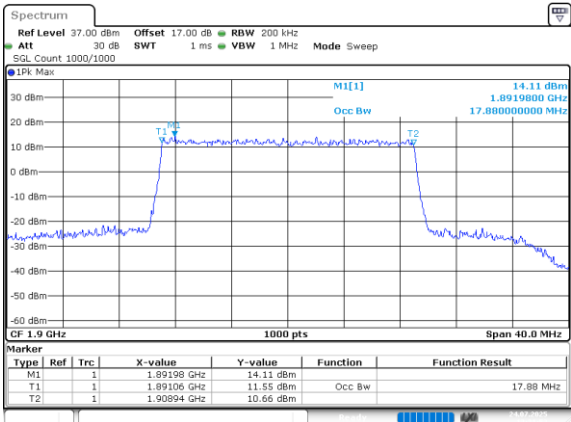


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:31:14

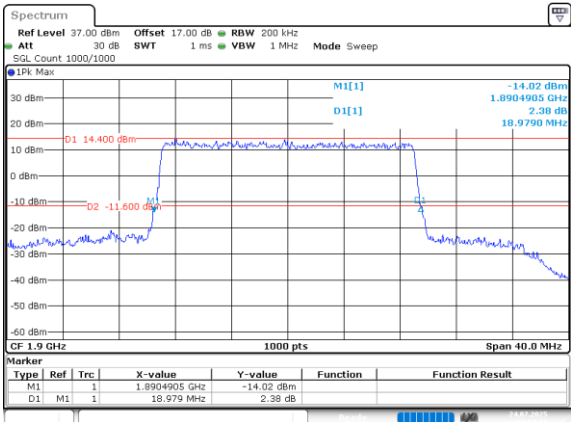
20MHz_High_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:31:54



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:32:18

FCC Part 27

LTE Band 4, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.078	1.253
1.4MHz_Low_16QAM_6@0	1.092	1.287
1.4MHz_Middle_QPSK_6@0	1.075	1.253
1.4MHz_Middle_16QAM_6@0	1.081	1.284
1.4MHz_High_QPSK_6@0	1.075	1.247
1.4MHz_High_16QAM_6@0	1.092	1.289
3MHz_Low_QPSK_15@0	2.682	2.883
3MHz_Low_16QAM_15@0	2.682	2.883
3MHz_Middle_QPSK_15@0	2.676	2.883
3MHz_Middle_16QAM_15@0	2.682	2.877
3MHz_High_QPSK_15@0	2.682	2.871
3MHz_High_16QAM_15@0	2.676	2.889
5MHz_Low_QPSK_25@0	4.470	4.785
5MHz_Low_16QAM_25@0	4.480	4.845
5MHz_Middle_QPSK_25@0	4.470	4.805
5MHz_Middle_16QAM_25@0	4.470	4.825
5MHz_High_QPSK_25@0	4.460	4.825
5MHz_High_16QAM_25@0	4.470	4.765
10MHz_Low_QPSK_50@0	8.940	9.610
10MHz_Low_16QAM_50@0	8.920	9.630
10MHz_Middle_QPSK_50@0	8.940	9.610
10MHz_Middle_16QAM_50@0	8.920	9.570
10MHz_High_QPSK_50@0	8.940	9.590
10MHz_High_16QAM_50@0	8.960	9.650
15MHz_Low_QPSK_75@0	13.440	14.414
15MHz_Low_16QAM_75@0	13.440	14.414
15MHz_Middle_QPSK_75@0	13.440	14.384
15MHz_Middle_16QAM_75@0	13.440	14.444
15MHz_High_QPSK_75@0	13.440	14.535
15MHz_High_16QAM_75@0	13.410	14.354

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.920	18.979
20MHz_Low_16QAM_100@0	17.840	19.059
20MHz_Middle_QPSK_100@0	17.840	19.019
20MHz_Middle_16QAM_100@0	17.840	18.979
20MHz_High_QPSK_100@0	17.920	19.059
20MHz_High_16QAM_100@0	17.840	18.939

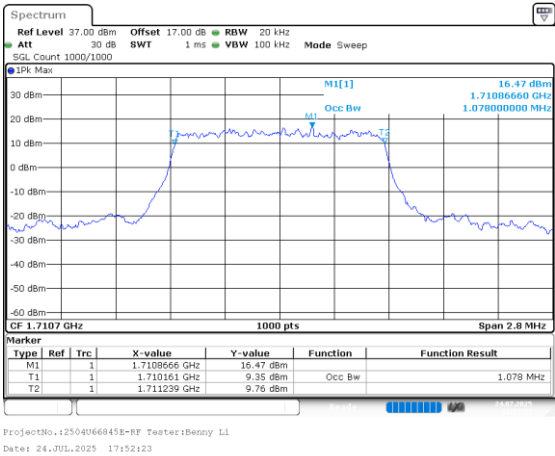
LTE Band 7, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Low_QPSK_25@0	4.470	4.845
5MHz_Low_16QAM_25@0	4.480	4.925
5MHz_Middle_QPSK_25@0	4.470	4.865
5MHz_Middle_16QAM_25@0	4.470	4.845
5MHz_High_QPSK_25@0	4.480	4.845
5MHz_High_16QAM_25@0	4.460	4.775
10MHz_Low_QPSK_50@0	8.920	9.530
10MHz_Low_16QAM_50@0	8.920	9.590
10MHz_Middle_QPSK_50@0	8.940	9.710
10MHz_Middle_16QAM_50@0	8.940	9.590
10MHz_High_QPSK_50@0	8.920	9.610
10MHz_High_16QAM_50@0	8.960	9.650
15MHz_Low_QPSK_75@0	13.410	14.625
15MHz_Low_16QAM_75@0	13.440	14.414
15MHz_Middle_QPSK_75@0	13.440	14.565
15MHz_Middle_16QAM_75@0	13.440	14.414
15MHz_High_QPSK_75@0	13.440	14.475
15MHz_High_16QAM_75@0	13.440	14.444
20MHz_Low_QPSK_100@0	17.880	19.059
20MHz_Low_16QAM_100@0	17.880	19.019
20MHz_Middle_QPSK_100@0	17.840	18.979
20MHz_Middle_16QAM_100@0	17.840	19.019
20MHz_High_QPSK_100@0	17.920	18.979
20MHz_High_16QAM_100@0	17.880	19.219

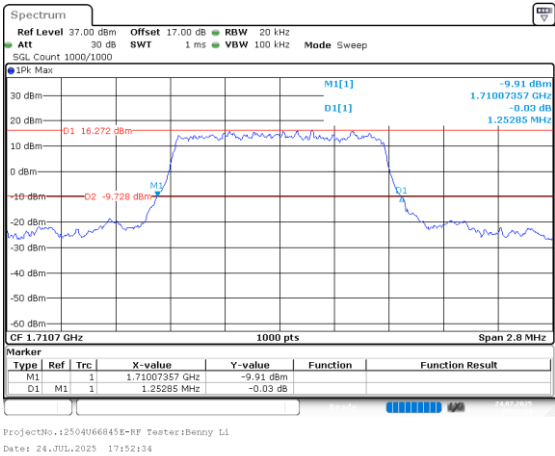
LTE Band 4, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

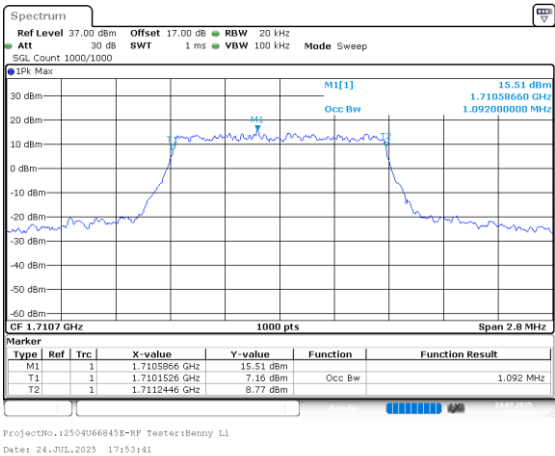


26dB Bandwidth

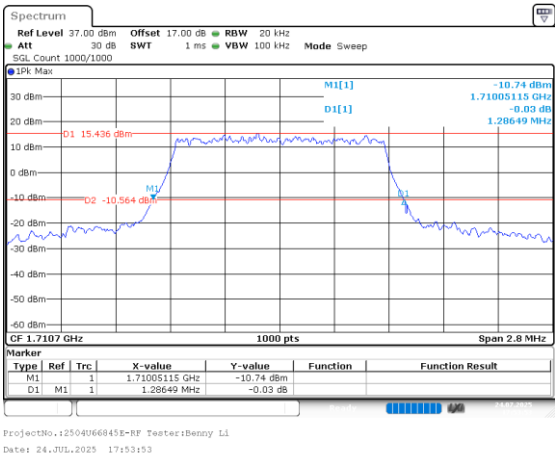


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

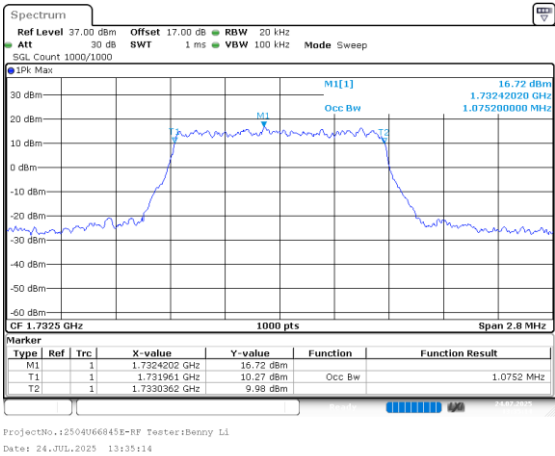


26dB Bandwidth

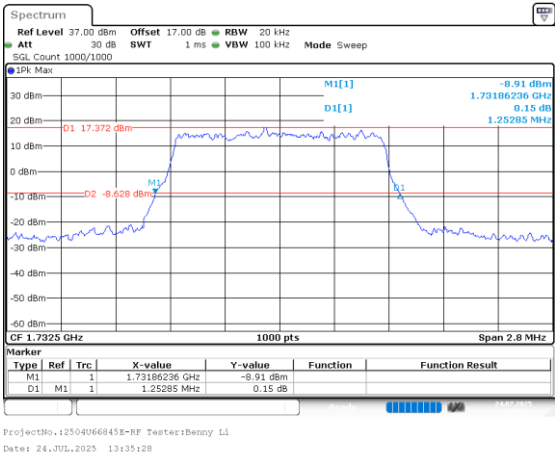


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



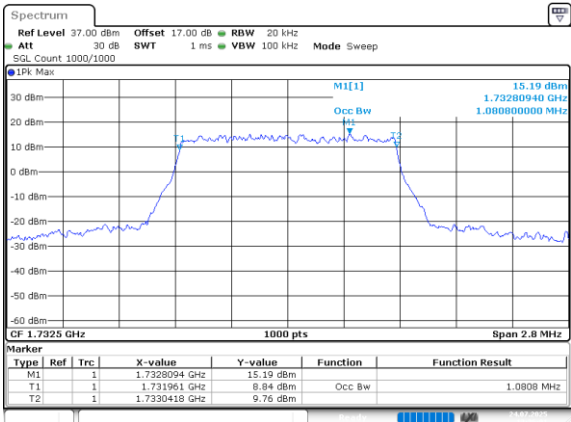
26dB Bandwidth



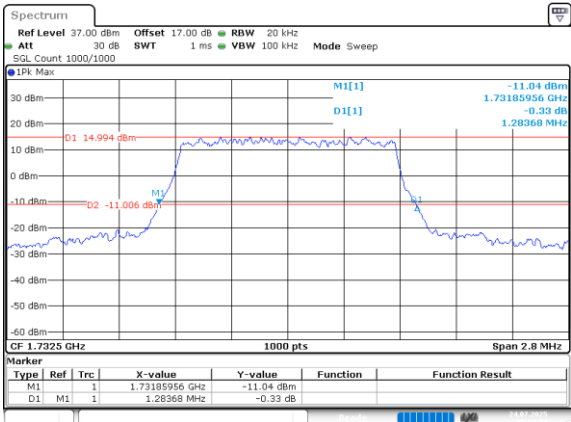
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:36:01

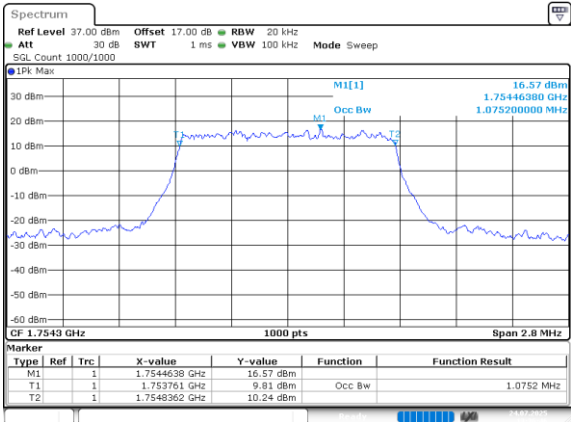


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:36:15

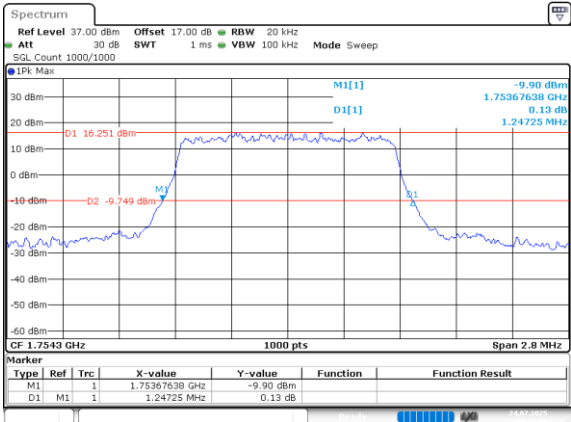
1.4MHz_High_QPSK_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:36:47

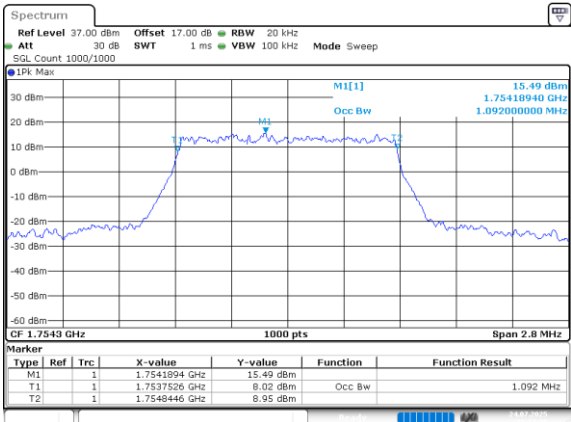


ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:36:59

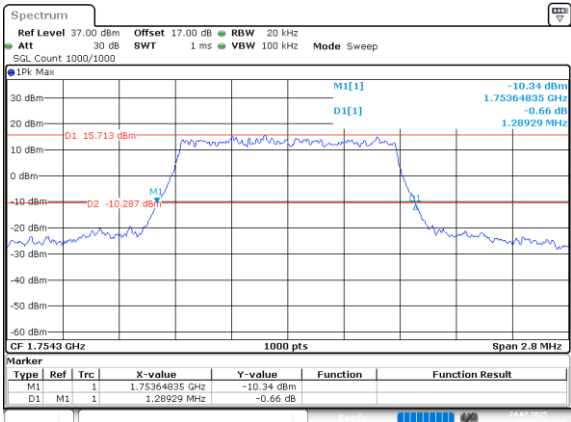
1.4MHz_High_16QAM_6@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:37:31



ProjectNo.:2504U66845E-RF Tester:Benny Li
Date: 24.JUL.2025 13:37:42