

Appendix D-4G Occupied Bandwidth

FCC For 90S

LTE B26_1, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.086	1.239
1.4MHz_Low_16QAM_6@0	1.081	1.256
1.4MHz_High_QPSK_6@0	1.078	1.278
1.4MHz_High_16QAM_6@0	1.084	1.264
3MHz_Low_QPSK_15@0	2.676	2.919
3MHz_Low_16QAM_15@0	2.676	2.913
3MHz_High_QPSK_15@0	2.670	2.919
3MHz_High_16QAM_15@0	2.676	2.919
5MHz_Low_QPSK_25@0	4.480	4.805
5MHz_Low_16QAM_25@0	4.480	4.765
5MHz_High_QPSK_25@0	4.480	4.855
5MHz_High_16QAM_25@0	4.460	4.835
10MHz_Low_QPSK_50@0	8.920	9.530
10MHz_Low_16QAM_50@0	8.900	9.590
15MHz_Low_QPSK_75@0	13.380	14.264
15MHz_Low_16QAM_75@0	13.350	14.324

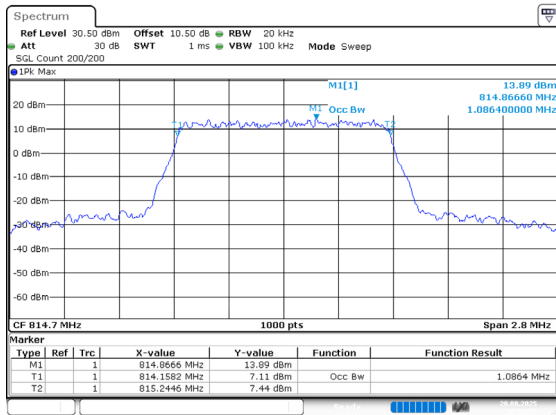
LTE B26_3, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.089	1.289
1.4MHz_Middle_16QAM_6@0	1.084	1.256
3MHz_Middle_QPSK_15@0	2.676	2.919
3MHz_Middle_16QAM_15@0	2.676	2.895
5MHz_Middle_QPSK_25@0	4.460	4.825
5MHz_Middle_16QAM_25@0	4.480	4.835
10MHz_Middle_QPSK_50@0	8.900	9.550
10MHz_Middle_16QAM_50@0	8.940	9.590
15MHz_Middle_QPSK_75@0	13.410	14.384
15MHz_Middle_16QAM_75@0	13.410	14.294

LTE B26_1, Normal

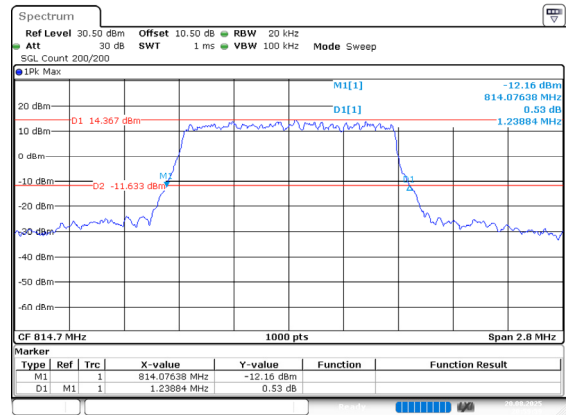
1.4MHz_Low_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 20:59:55

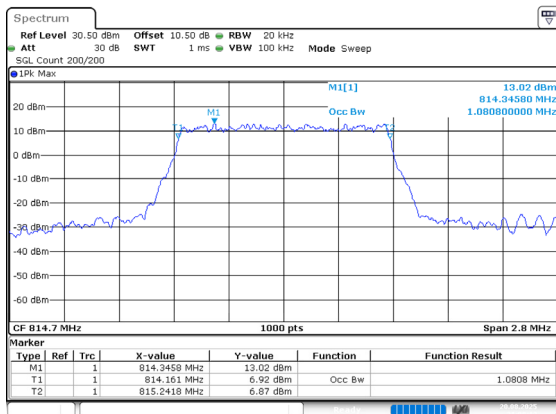
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 20:59:59

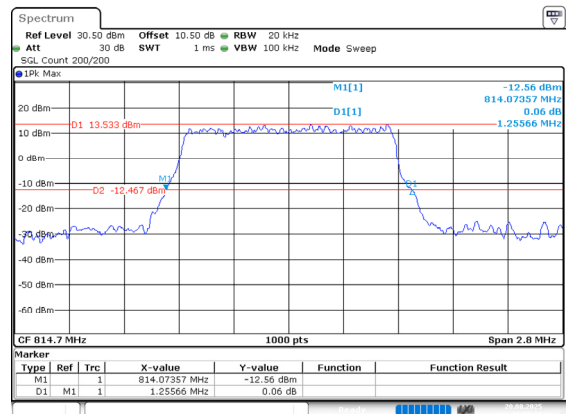
1.4MHz_Low_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:00:12

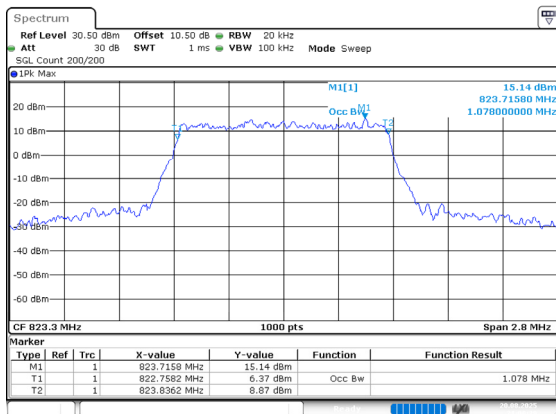
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:00:16

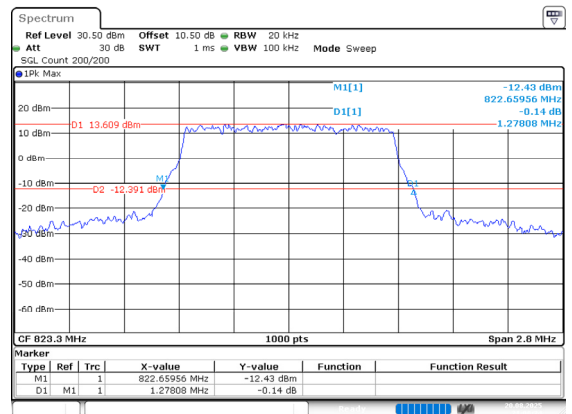
1.4MHz_High_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:00:29

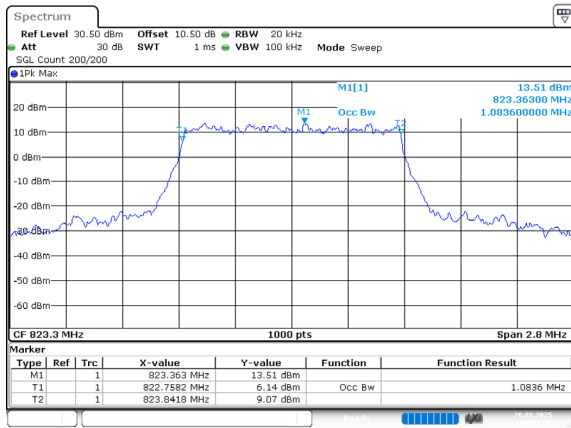
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:00:34

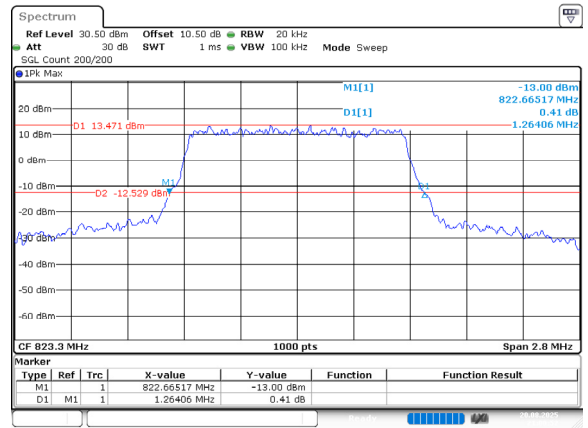
1.4MHz_High_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:00:47

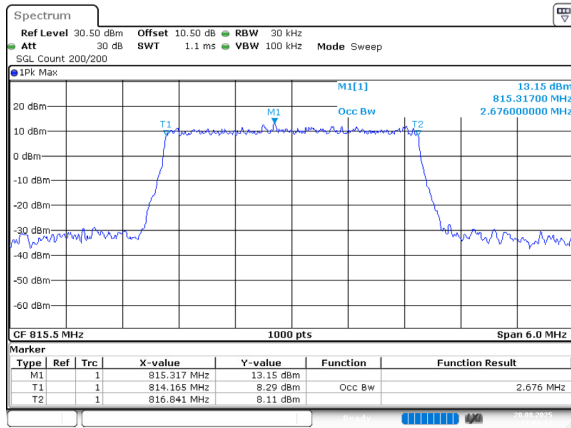
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:00:52

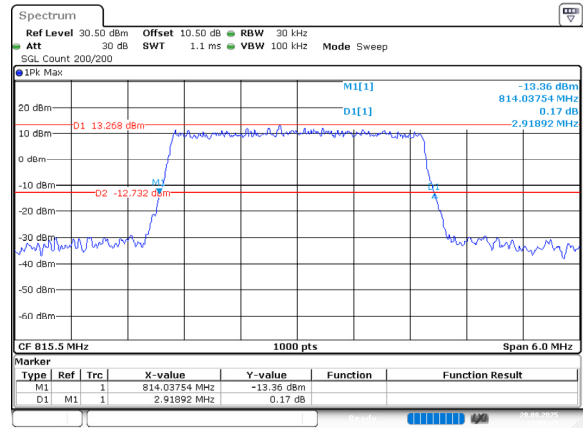
3MHz_Low_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:01:11

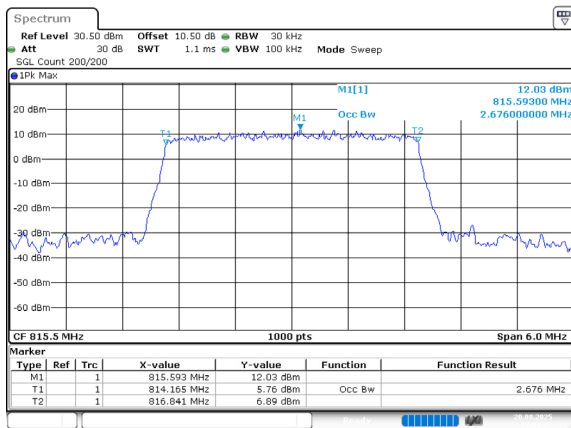
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:01:15

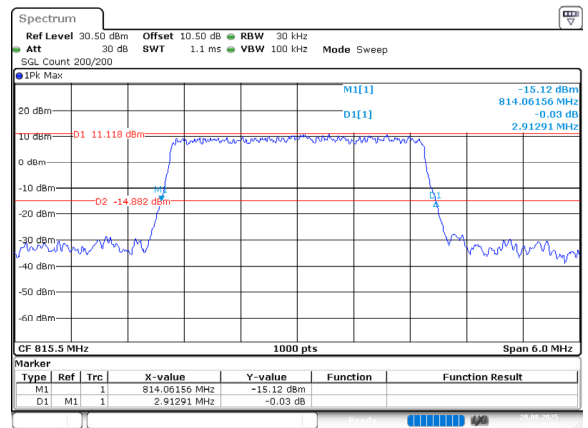
3MHz_Low_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:01:27

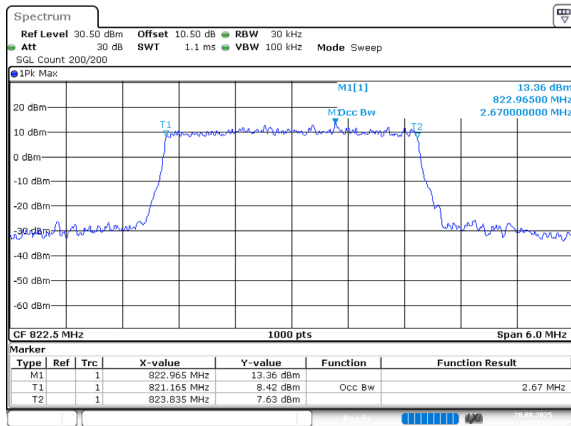
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:01:32

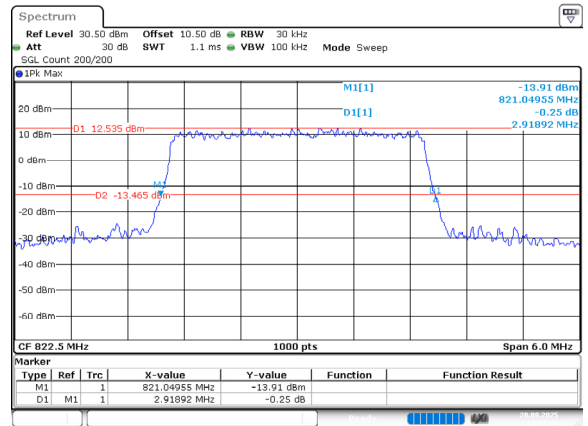
3MHz_High_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:01:43

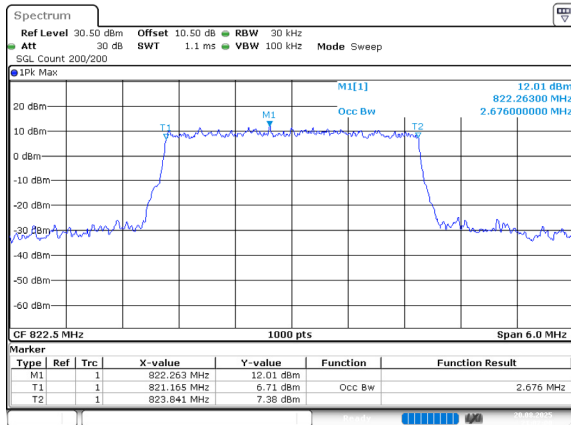
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:01:48

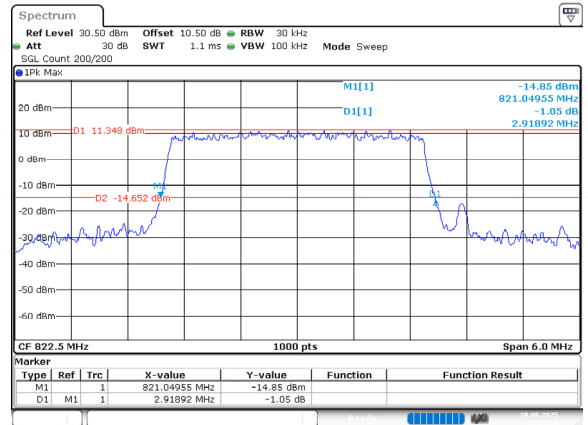
3MHz_High_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:02:00

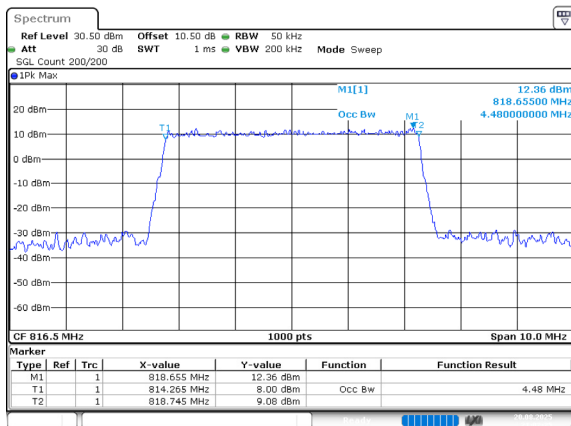
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:02:04

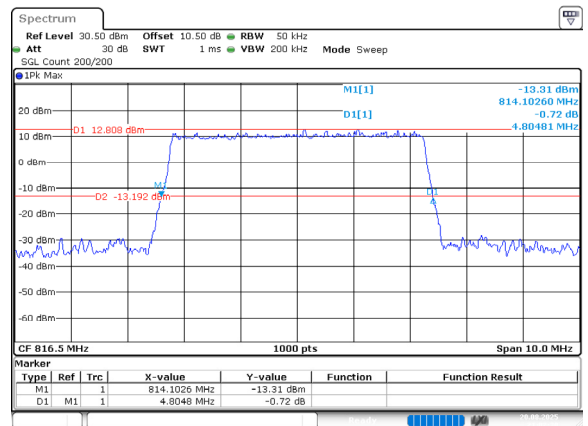
5MHz_Low_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:02:25

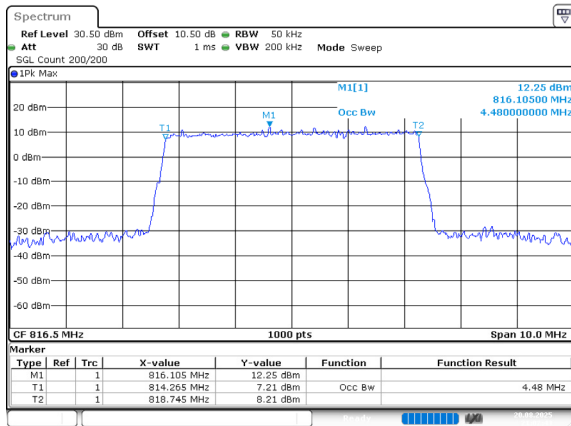
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:02:30

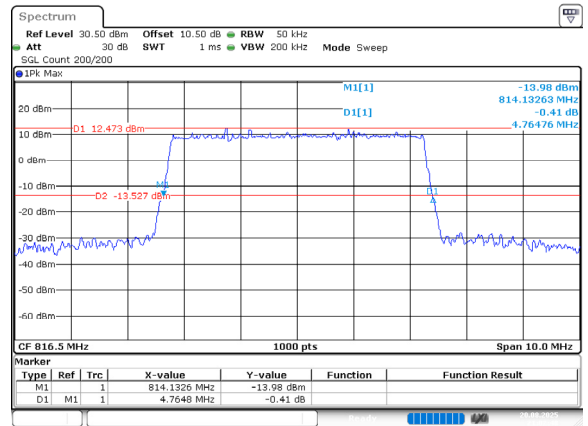
5MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:02:43

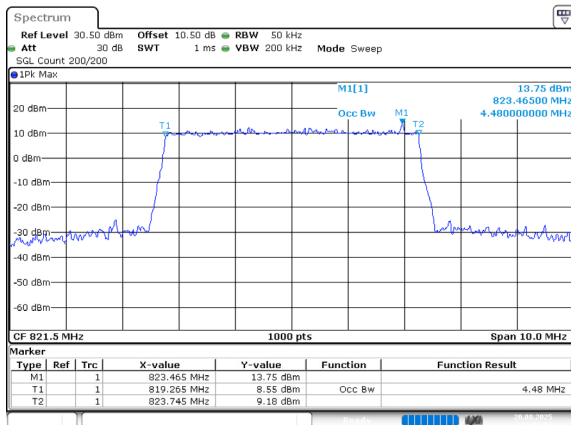
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:02:48

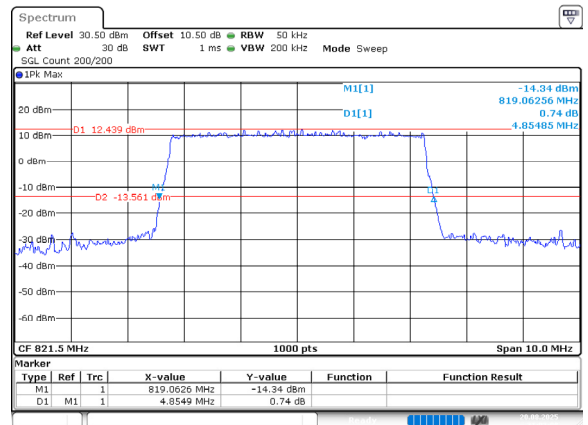
5MHz_High_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:03:02

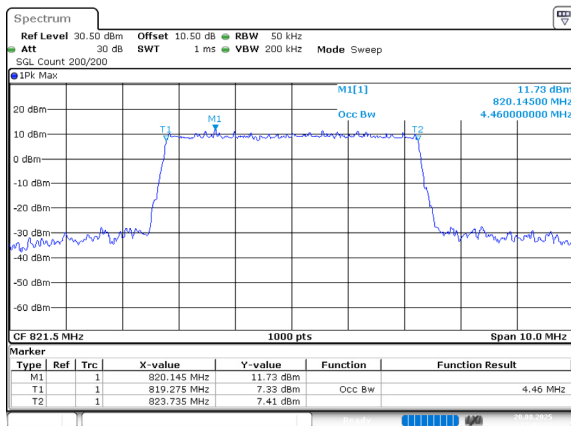
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:03:08

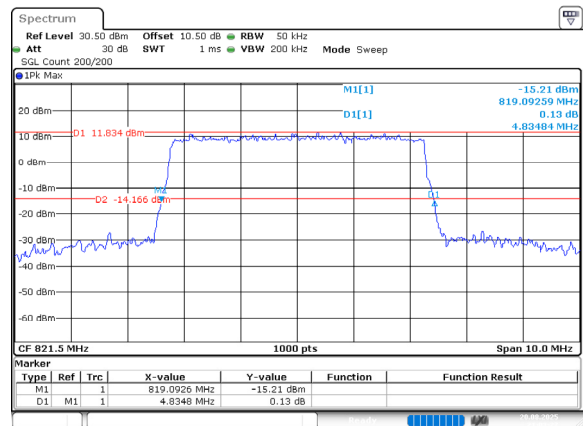
5MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:03:22

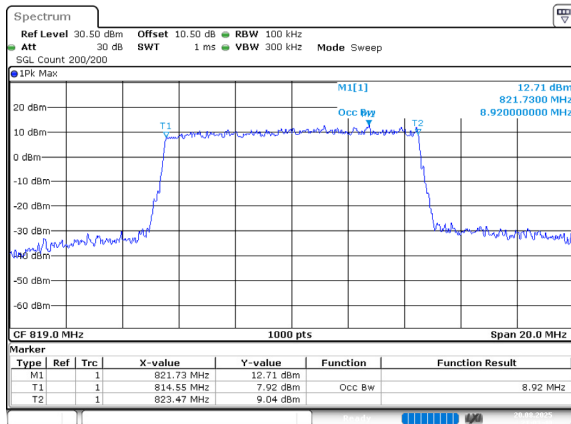
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:03:27

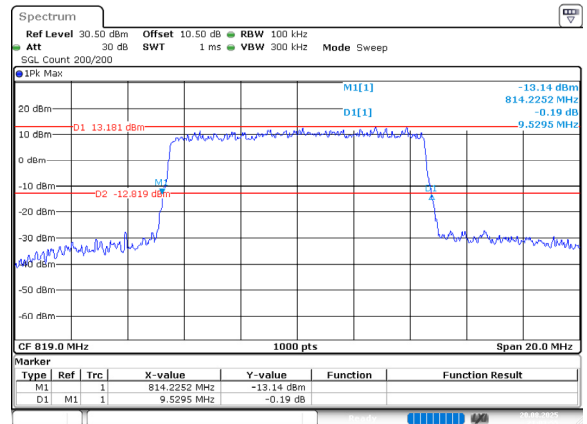
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:03:49

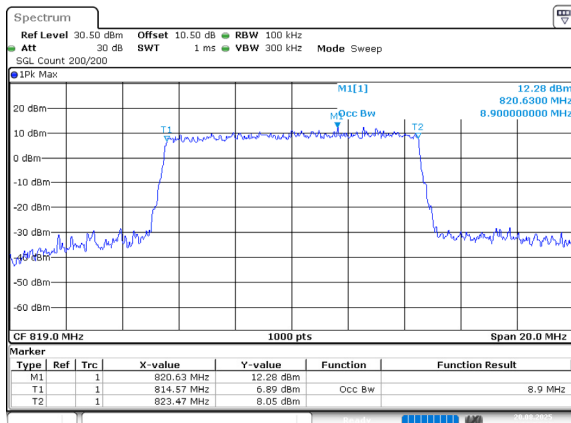
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:03:55

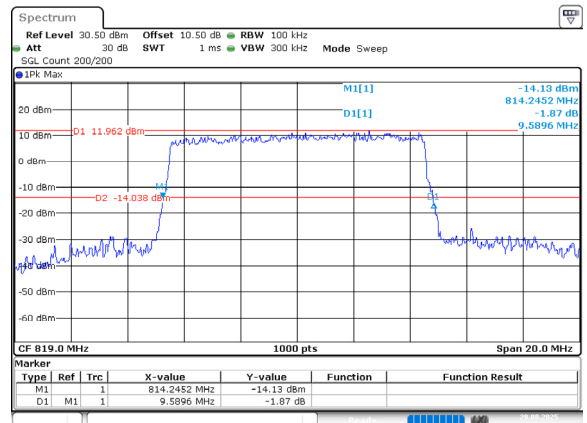
10MHz_Low_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:04:10

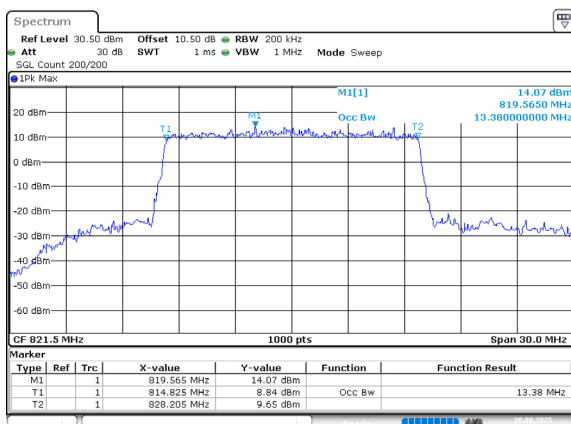
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:04:16

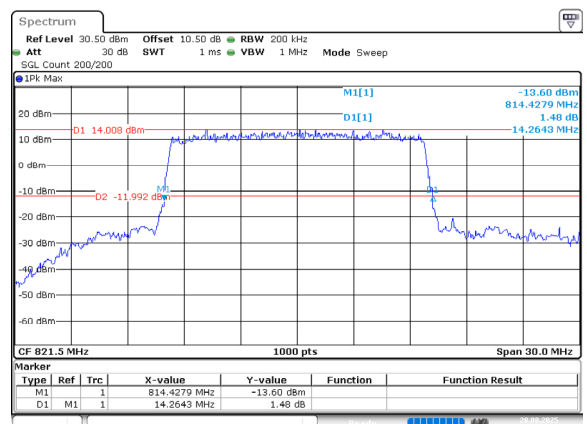
15MHz_Low_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:05:00

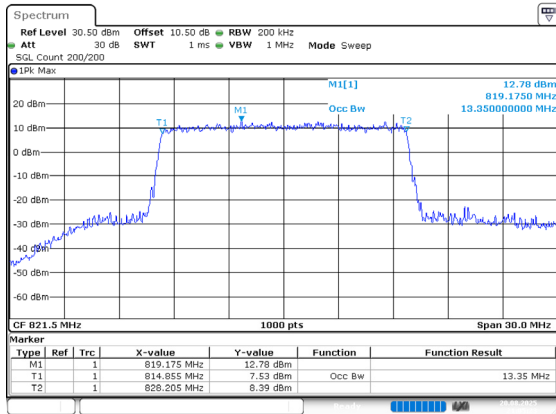
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:05:07

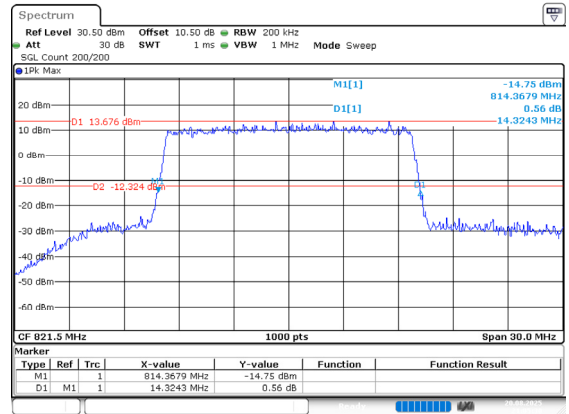
15MHz_Low_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:05:23

26dB Bandwidth

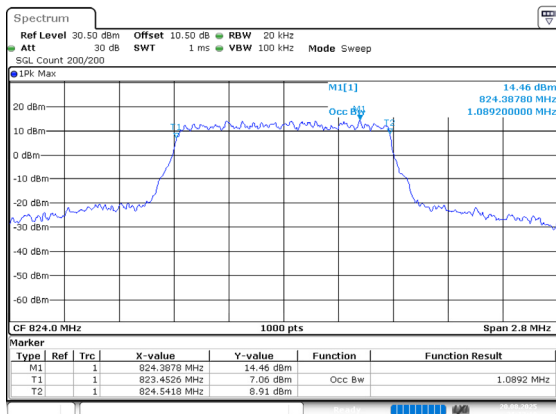


ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:05:30

LTE B26_3, Normal

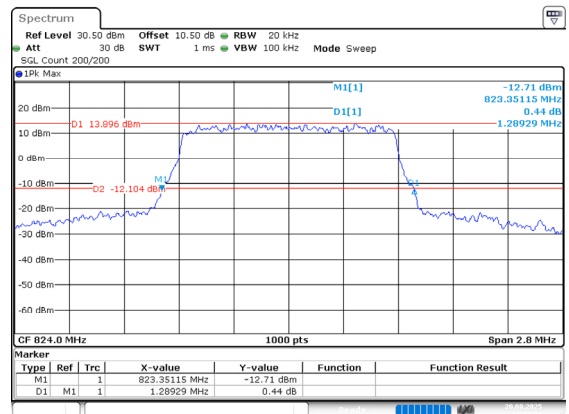
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:13:19

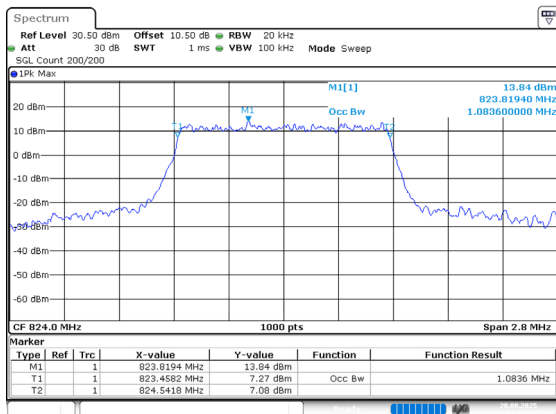
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:13:24

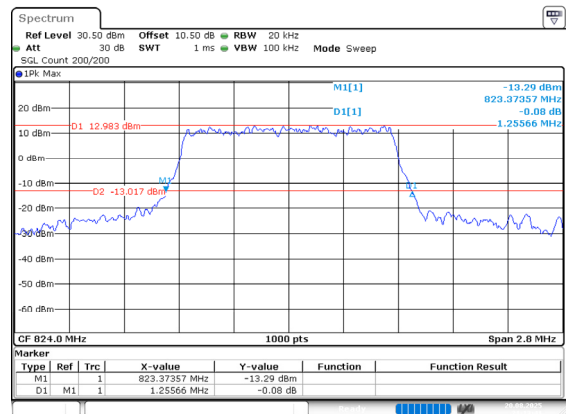
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:13:37

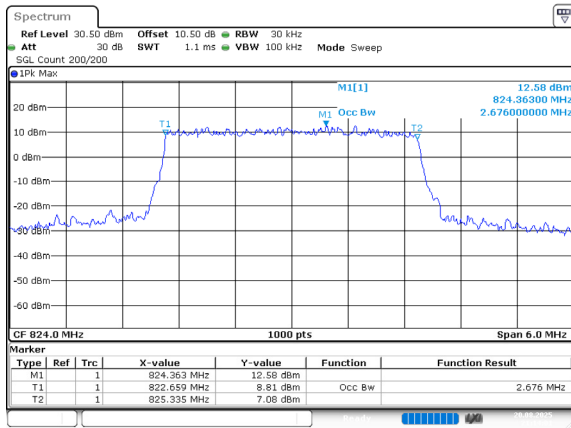
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:13:41

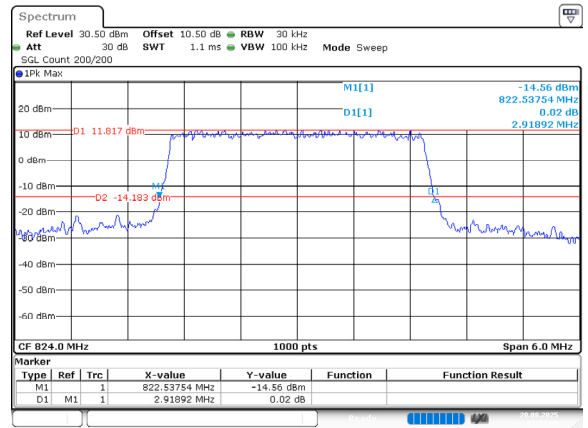
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:14:01

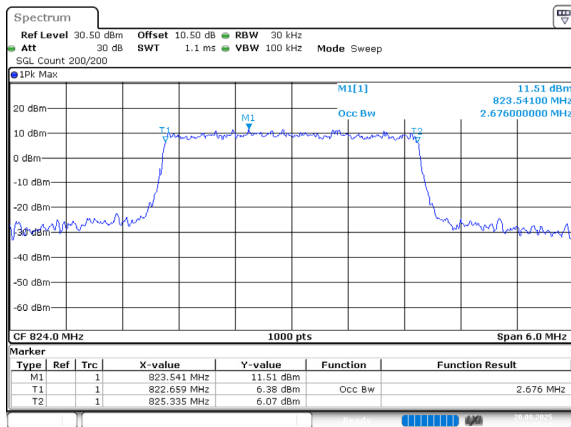
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:14:06

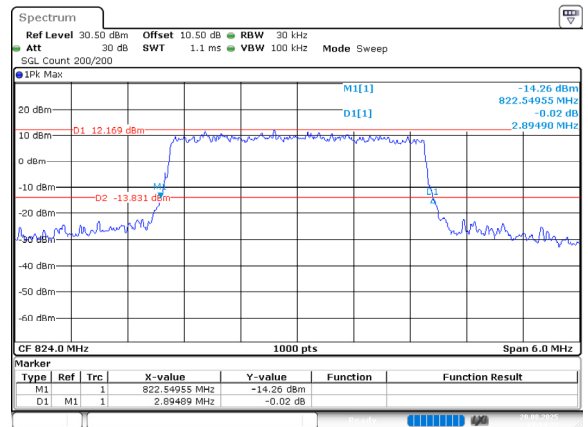
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:14:18

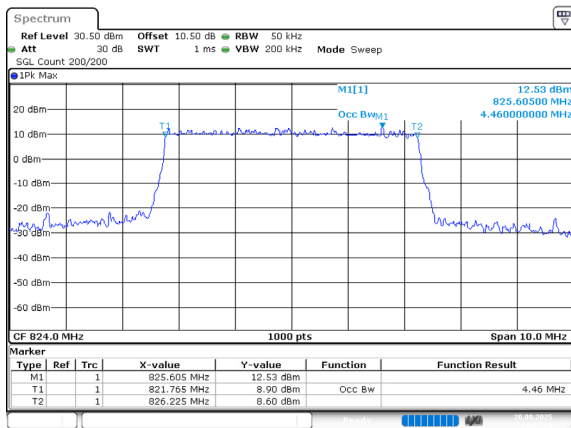
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:14:23

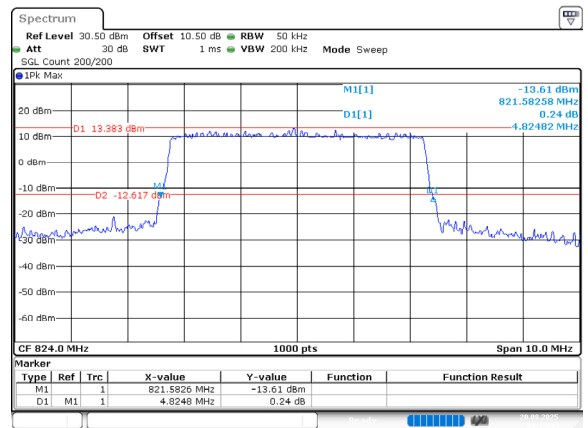
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:14:39

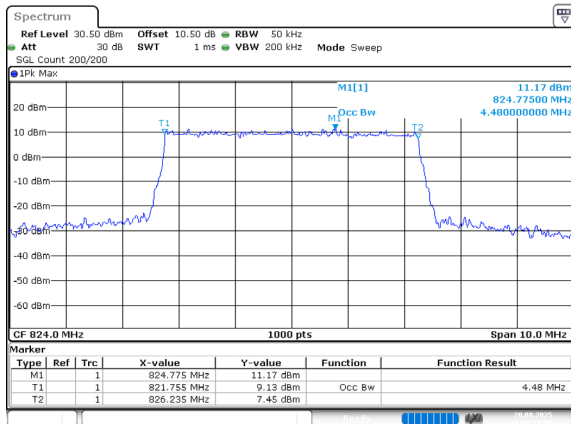
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:14:44

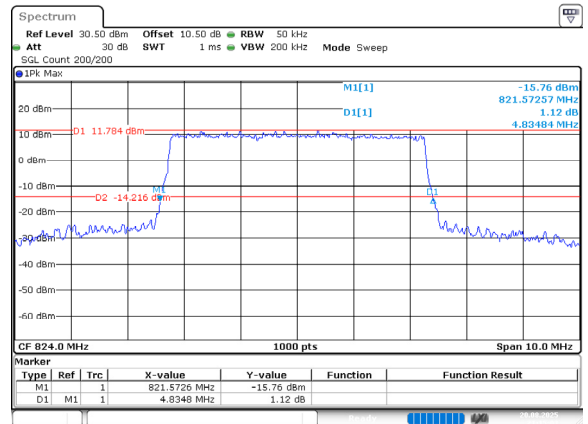
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:14:57

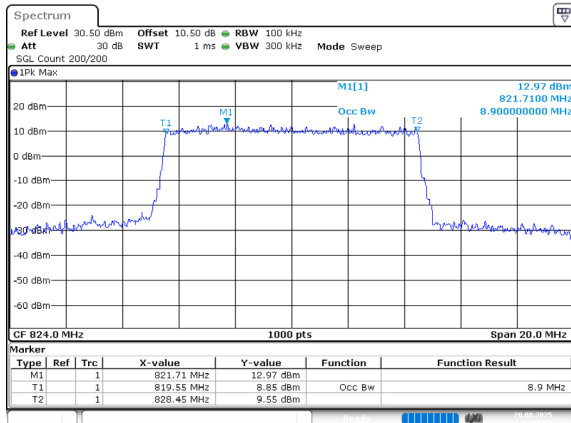
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:15:03

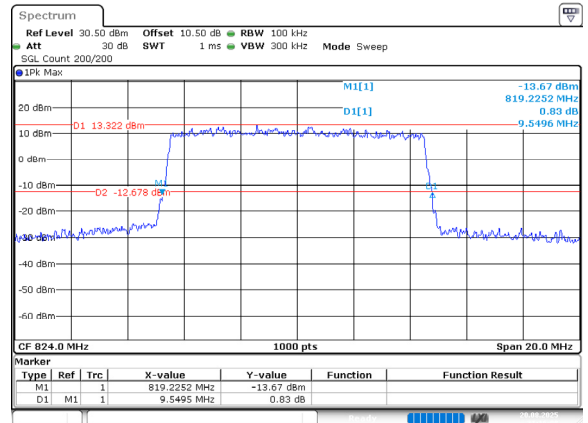
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:16:02

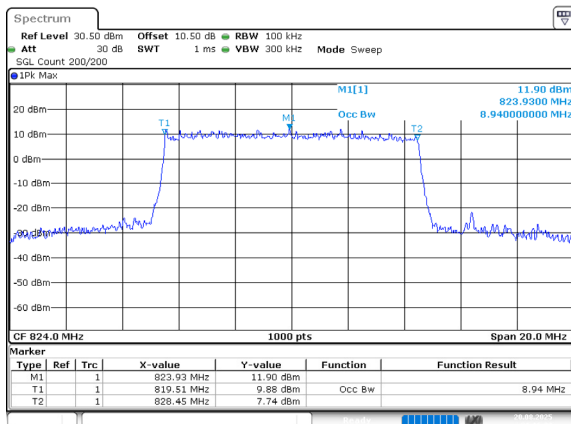
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:16:08

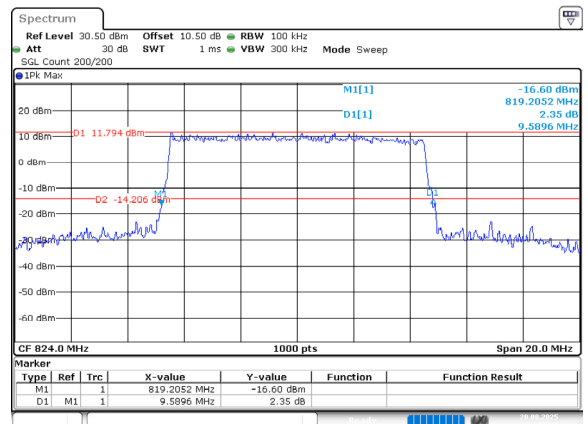
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:16:22

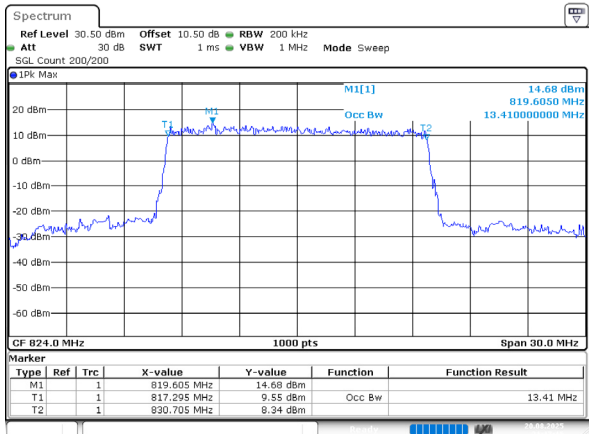
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:16:28

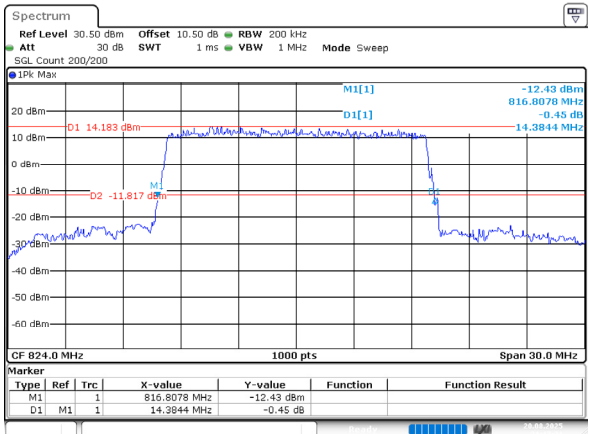
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:17:15

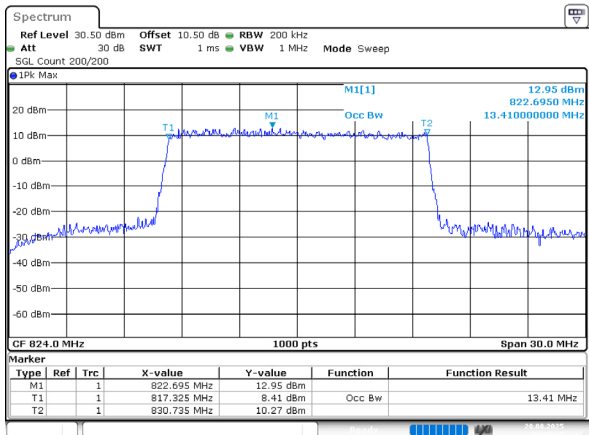
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:17:21

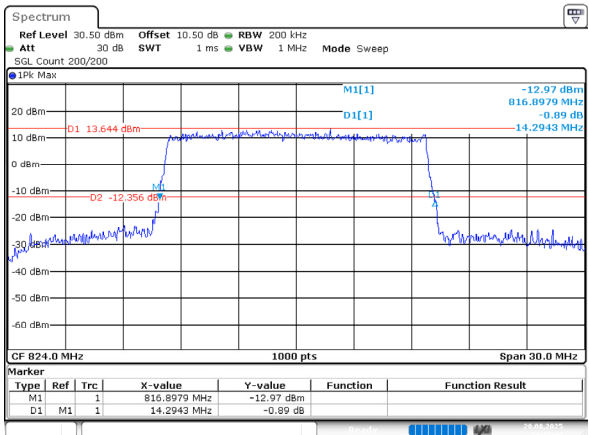
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:17:38

26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 20.AUG.2025 21:17:44

FCC Part 22H

LTE Band 5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.081	1.239
1.4MHz_Middle_16QAM_6@0	1.086	1.273
3MHz_Middle_QPSK_15@0	2.676	2.919
3MHz_Middle_16QAM_15@0	2.682	2.913
5MHz_Middle_QPSK_25@0	4.470	4.785
5MHz_Middle_16QAM_25@0	4.480	4.825
10MHz_Middle_QPSK_50@0	8.940	9.550
10MHz_Middle_16QAM_50@0	8.940	9.590

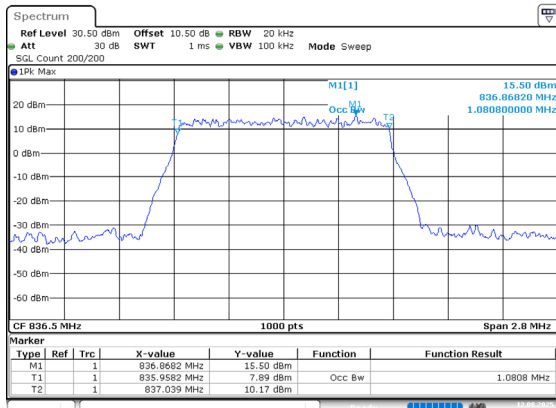
LTE B26_2, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Middle_QPSK_6@0	1.075	1.239
1.4MHz_Middle_16QAM_6@0	1.092	1.250
3MHz_Middle_QPSK_15@0	2.676	2.949
3MHz_Middle_16QAM_15@0	2.676	2.931
5MHz_Middle_QPSK_25@0	4.470	4.805
5MHz_Middle_16QAM_25@0	4.490	4.805
10MHz_Middle_QPSK_50@0	8.920	9.590
10MHz_Middle_16QAM_50@0	8.940	9.630
15MHz_Middle_QPSK_75@0	13.380	14.414
15MHz_Middle_16QAM_75@0	13.350	14.505

LTE Band 5, Normal

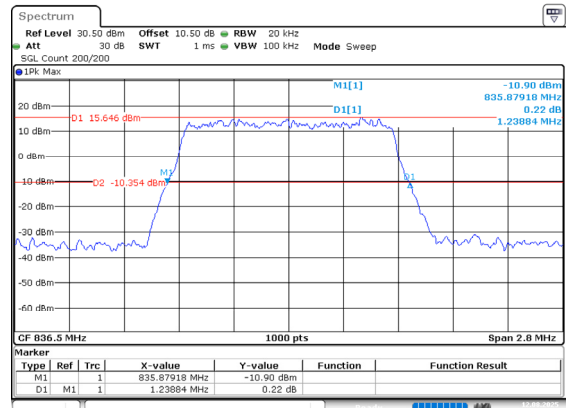
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 12.AUG.2025 11:07:40

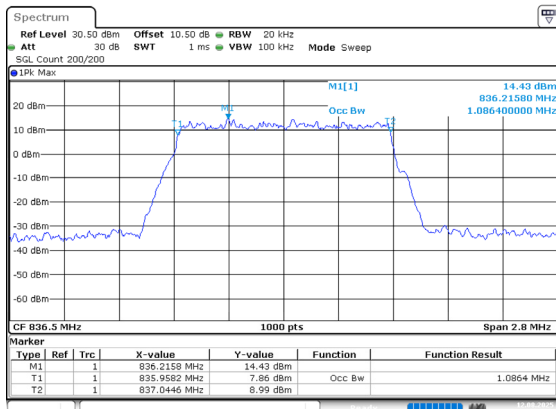
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 12.AUG.2025 11:07:44

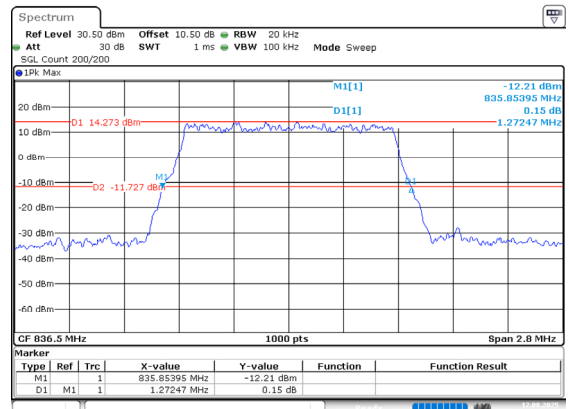
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 12.AUG.2025 11:08:12

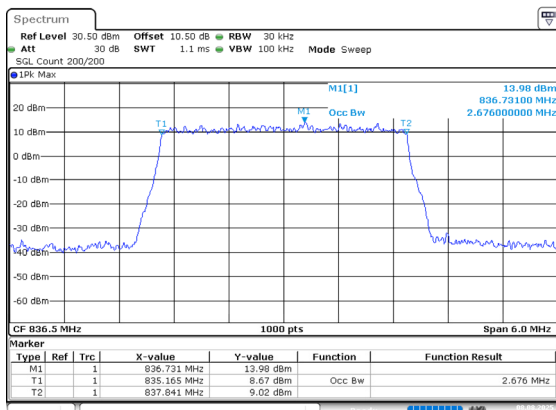
26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 12.AUG.2025 11:08:16

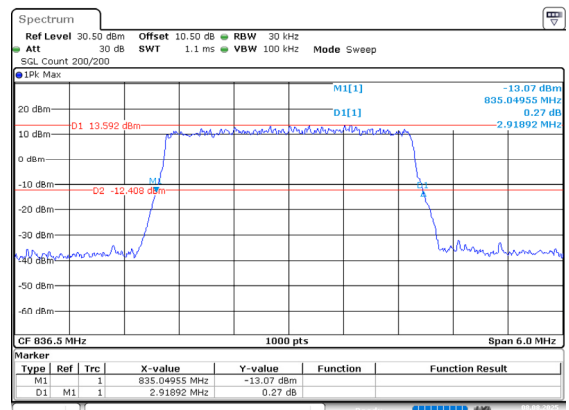
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 8.AUG.2025 04:33:43

26dB Bandwidth



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 8.AUG.2025 04:33:49