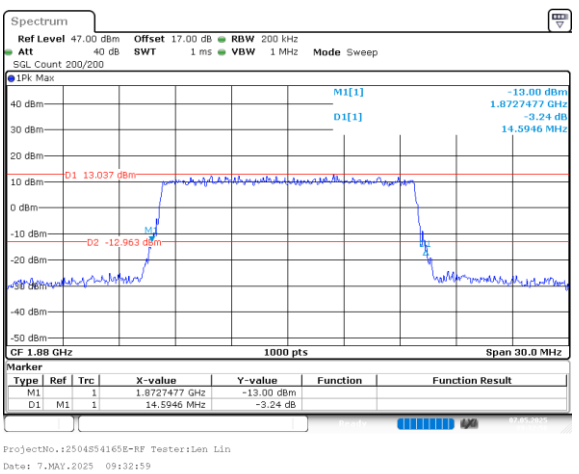
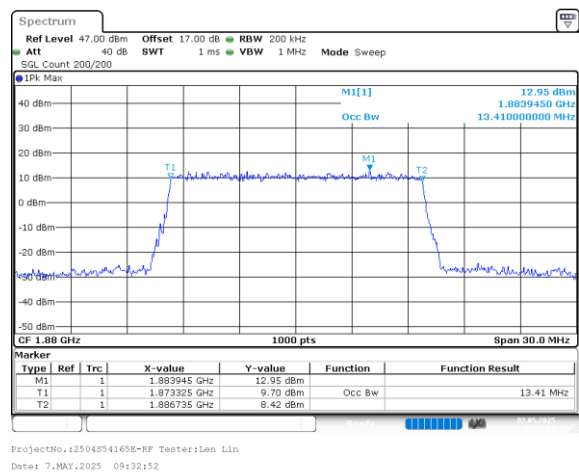


15MHz_Middle_16QAM_75@0

Occupied Bandwidth

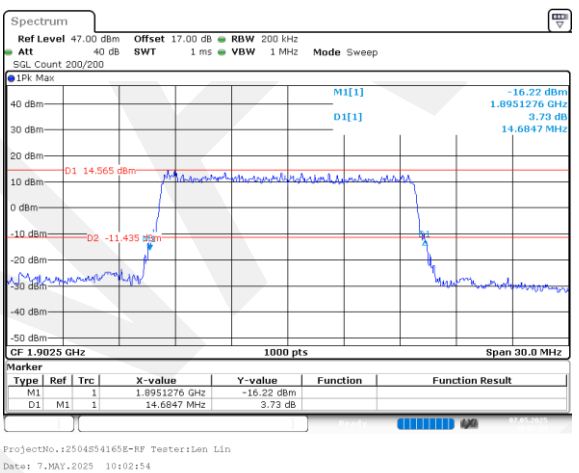
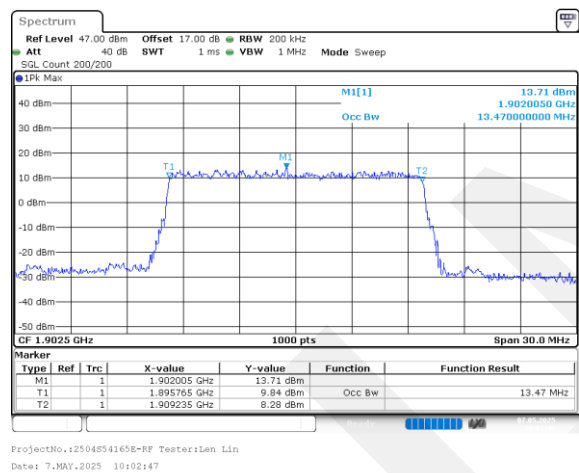
26dB Bandwidth



15MHz_High_QPSK_75@0

Occupied Bandwidth

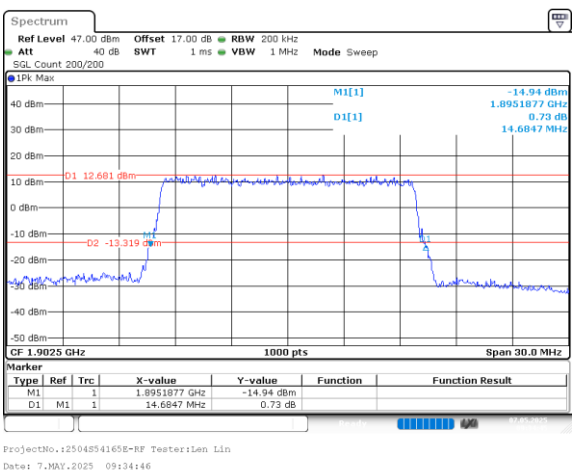
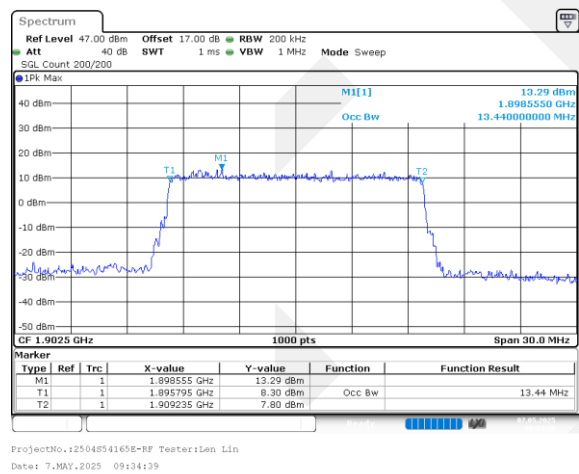
26dB Bandwidth



15MHz_High_16QAM_75@0

Occupied Bandwidth

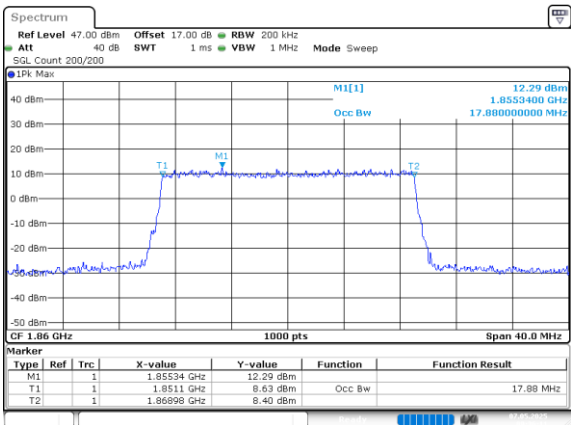
26dB Bandwidth



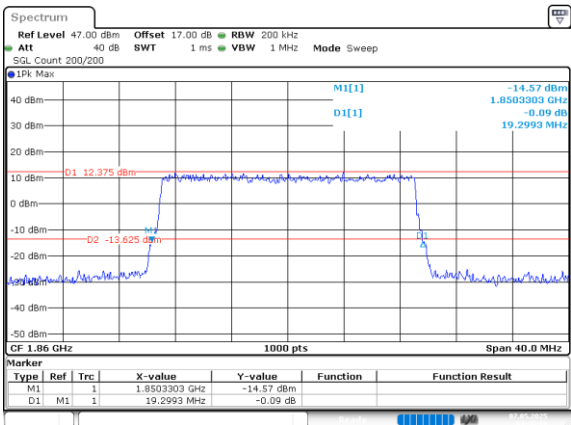
20MHz_Low_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:36:12

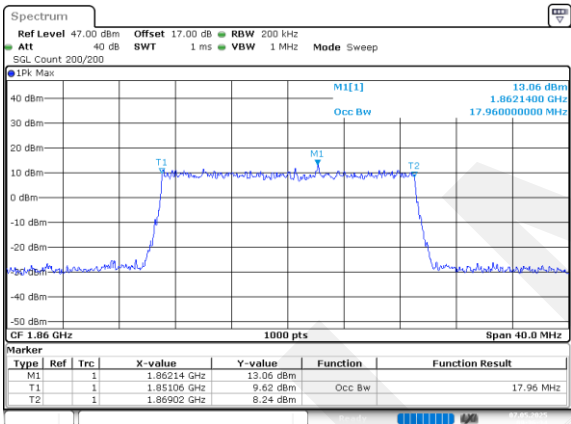


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:36:19

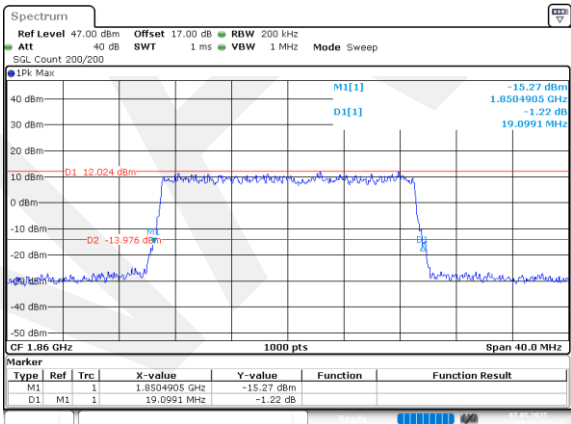
20MHz_Low_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:36:35

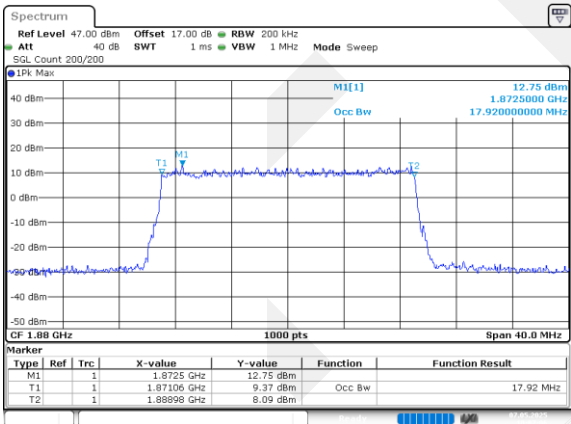


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:36:42

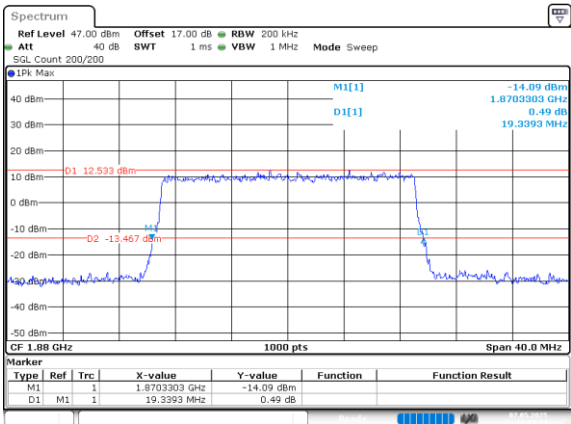
20MHz_Middle_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



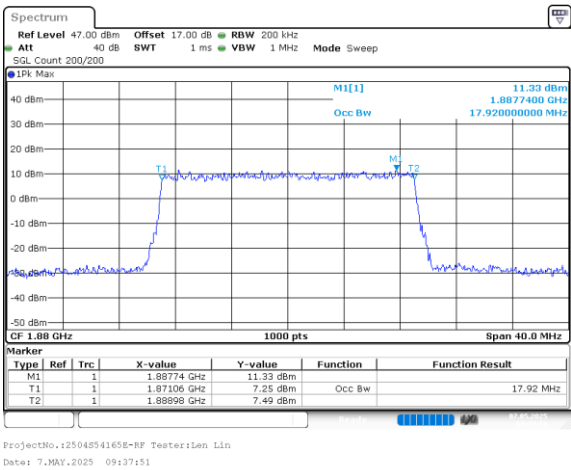
ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 10:07:07



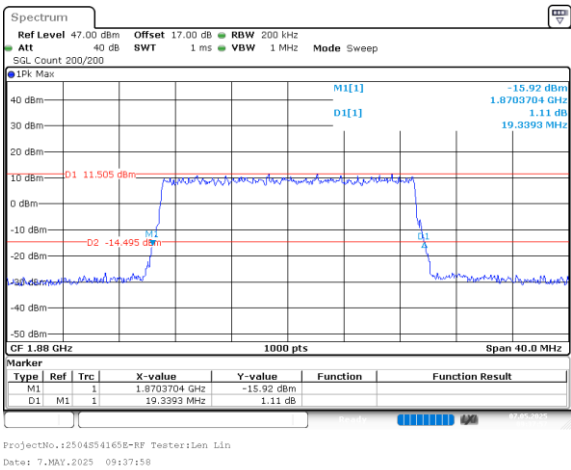
ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 10:07:15

20MHz_Middle_16QAM_100@0

Occupied Bandwidth

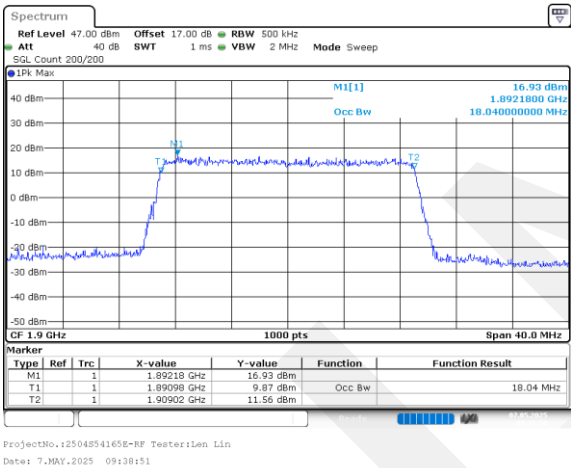


26dB Bandwidth

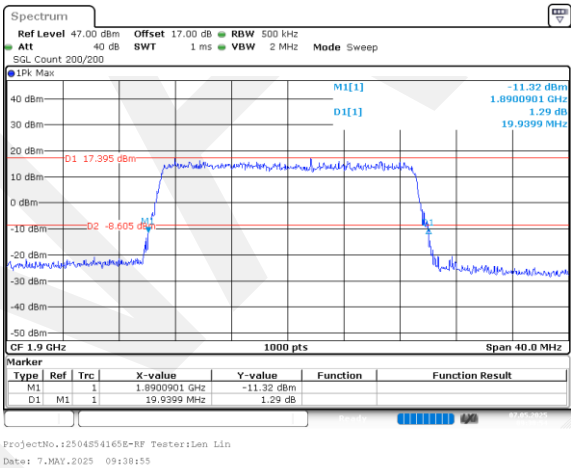


20MHz_High_QPSK_100@0

Occupied Bandwidth

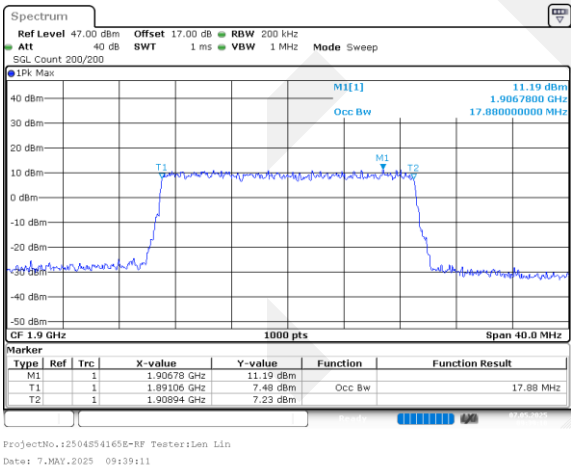


26dB Bandwidth

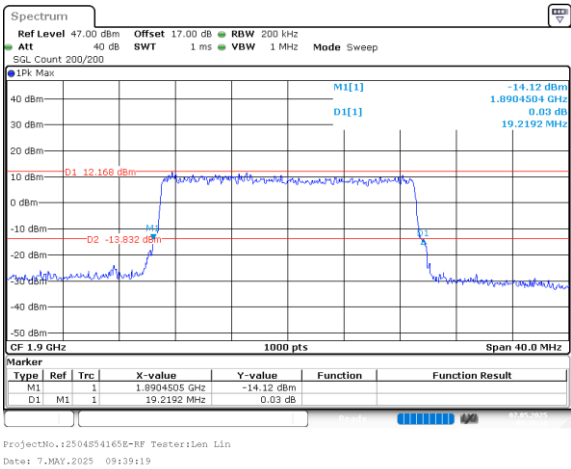


20MHz_High_16QAM_100@0

Occupied Bandwidth



26dB Bandwidth



FCC Part 27

LTE Band 4, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.092	1.244
1.4MHz_Low_16QAM_6@0	1.086	1.242
1.4MHz_Middle_QPSK_6@0	1.081	1.230
1.4MHz_Middle_16QAM_6@0	1.084	1.239
1.4MHz_High_QPSK_6@0	1.084	1.242
1.4MHz_High_16QAM_6@0	1.095	1.236
3MHz_Low_QPSK_15@0	2.688	2.991
3MHz_Low_16QAM_15@0	2.682	3.045
3MHz_Middle_QPSK_15@0	2.682	2.985
3MHz_Middle_16QAM_15@0	2.682	2.985
3MHz_High_QPSK_15@0	2.694	3.045
3MHz_High_16QAM_15@0	2.694	3.033
5MHz_Low_QPSK_25@0	4.470	4.905
5MHz_Low_16QAM_25@0	4.460	4.915
5MHz_Middle_QPSK_25@0	4.460	4.885
5MHz_Middle_16QAM_25@0	4.460	4.915
5MHz_High_QPSK_25@0	4.470	4.875
5MHz_High_16QAM_25@0	4.480	4.855
10MHz_Low_QPSK_50@0	8.940	9.710
10MHz_Low_16QAM_50@0	8.960	9.670
10MHz_Middle_QPSK_50@0	8.960	9.610
10MHz_Middle_16QAM_50@0	8.940	9.610
10MHz_High_QPSK_50@0	8.940	9.630
10MHz_High_16QAM_50@0	8.960	9.710
15MHz_Low_QPSK_75@0	13.470	14.835
15MHz_Low_16QAM_75@0	13.440	14.805
15MHz_Middle_QPSK_75@0	13.410	14.775
15MHz_Middle_16QAM_75@0	13.410	14.625
15MHz_High_QPSK_75@0	13.500	14.865
15MHz_High_16QAM_75@0	13.440	14.745

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.920	19.259
20MHz_Low_16QAM_100@0	17.920	19.099
20MHz_Middle_QPSK_100@0	17.880	19.299
20MHz_Middle_16QAM_100@0	17.920	19.179
20MHz_High_QPSK_100@0	17.880	19.139
20MHz_High_16QAM_100@0	17.880	19.219

LTE Band 12, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.089	1.239
1.4MHz_Low_16QAM_6@0	1.084	1.230
1.4MHz_Middle_QPSK_6@0	1.078	1.244
1.4MHz_Middle_16QAM_6@0	1.086	1.236
1.4MHz_High_QPSK_6@0	1.078	1.228
1.4MHz_High_16QAM_6@0	1.081	1.239
3MHz_Low_QPSK_15@0	2.682	3.009
3MHz_Low_16QAM_15@0	2.682	2.991
3MHz_Middle_QPSK_15@0	2.694	2.997
3MHz_Middle_16QAM_15@0	2.688	3.045
3MHz_High_QPSK_15@0	2.688	3.009
3MHz_High_16QAM_15@0	2.694	3.009
5MHz_Low_QPSK_25@0	4.460	4.905
5MHz_Low_16QAM_25@0	4.470	4.905
5MHz_Middle_QPSK_25@0	4.470	4.865
5MHz_Middle_16QAM_25@0	4.460	4.935
5MHz_High_QPSK_25@0	4.500	4.885
5MHz_High_16QAM_25@0	4.470	4.905
10MHz_Low_QPSK_50@0	8.960	9.650
10MHz_Low_16QAM_50@0	8.940	9.690
10MHz_Middle_QPSK_50@0	8.920	9.710
10MHz_Middle_16QAM_50@0	8.920	9.770
10MHz_High_QPSK_50@0	8.940	9.750
10MHz_High_16QAM_50@0	8.940	9.670

LTE Band 13, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Low_QPSK_25@0	4.460	4.835
5MHz_Low_16QAM_25@0	4.470	4.915
5MHz_High_QPSK_25@0	4.470	4.915
5MHz_High_16QAM_25@0	4.460	4.885
10MHz_Middle_QPSK_50@0	8.960	9.770
10MHz_Middle_16QAM_50@0	8.980	9.770

LTE Band 17, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Low_QPSK_25@0	4.470	4.875
5MHz_Low_16QAM_25@0	4.460	4.865
5MHz_Middle_QPSK_25@0	4.460	4.885
5MHz_Middle_16QAM_25@0	4.470	4.905
5MHz_High_QPSK_25@0	4.470	4.875
5MHz_High_16QAM_25@0	4.490	4.885
10MHz_Low_QPSK_50@0	8.940	9.630
10MHz_Low_16QAM_50@0	8.940	9.570
10MHz_Middle_QPSK_50@0	8.940	9.730
10MHz_Middle_16QAM_50@0	8.960	9.610
10MHz_High_QPSK_50@0	8.940	9.670
10MHz_High_16QAM_50@0	8.940	9.710

LTE Band 66, Normal

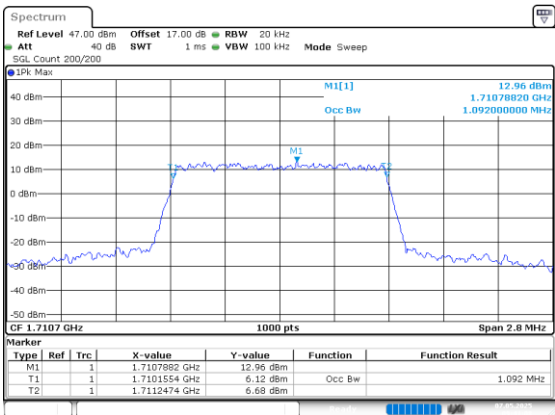
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.075	1.230
1.4MHz_Low_16QAM_6@0	1.092	1.242
1.4MHz_Middle_QPSK_6@0	1.086	1.259
1.4MHz_Middle_16QAM_6@0	1.081	1.233
1.4MHz_High_QPSK_6@0	1.081	1.228
1.4MHz_High_16QAM_6@0	1.084	1.230
3MHz_Low_QPSK_15@0	2.688	2.997
3MHz_Low_16QAM_15@0	2.688	2.973

Mode	99% OBW (MHz)	26dB BW (MHz)
3MHz_Middle_QPSK_15@0	2.688	3.015
3MHz_Middle_16QAM_15@0	2.682	3.039
3MHz_High_QPSK_15@0	2.700	2.997
3MHz_High_16QAM_15@0	2.682	3.039
5MHz_Low_QPSK_25@0	4.470	4.895
5MHz_Low_16QAM_25@0	4.470	4.905
5MHz_Middle_QPSK_25@0	4.460	4.865
5MHz_Middle_16QAM_25@0	4.470	4.885
5MHz_High_QPSK_25@0	4.470	4.865
5MHz_High_16QAM_25@0	4.480	4.895
10MHz_Low_QPSK_50@0	8.920	9.670
10MHz_Low_16QAM_50@0	8.940	9.730
10MHz_Middle_QPSK_50@0	8.940	9.690
10MHz_Middle_16QAM_50@0	8.940	9.810
10MHz_High_QPSK_50@0	8.960	9.710
10MHz_High_16QAM_50@0	8.940	9.690
15MHz_Low_QPSK_75@0	13.440	14.685
15MHz_Low_16QAM_75@0	13.440	14.715
15MHz_Middle_QPSK_75@0	13.410	14.625
15MHz_Middle_16QAM_75@0	13.410	14.625
15MHz_High_QPSK_75@0	13.470	14.595
15MHz_High_16QAM_75@0	13.440	14.715
20MHz_Low_QPSK_100@0	17.880	19.419
20MHz_Low_16QAM_100@0	17.840	19.339
20MHz_Middle_QPSK_100@0	17.880	19.379
20MHz_Middle_16QAM_100@0	17.880	19.059
20MHz_High_QPSK_100@0	17.920	19.339
20MHz_High_16QAM_100@0	17.840	19.219

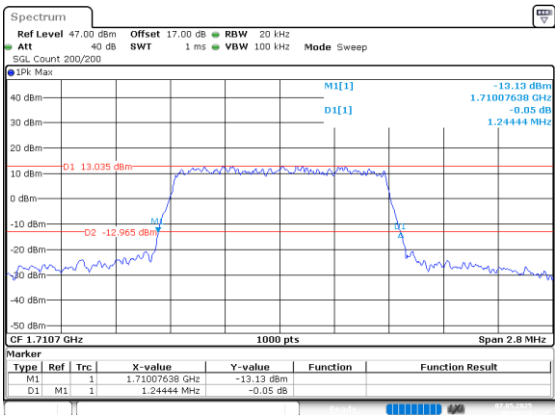
LTE Band 4, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

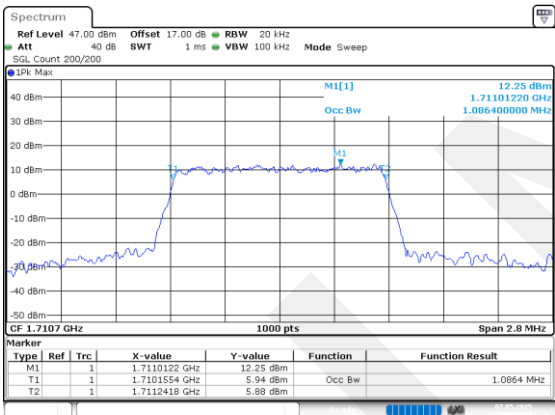


26dB Bandwidth

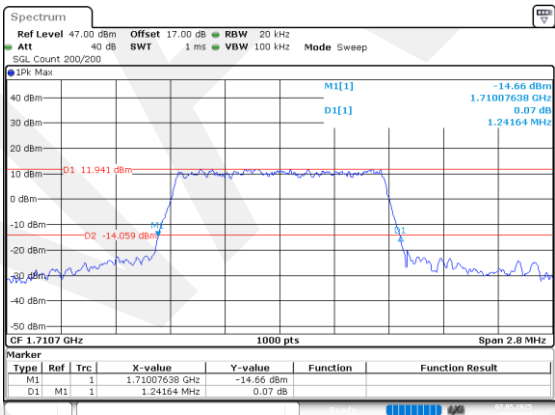


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

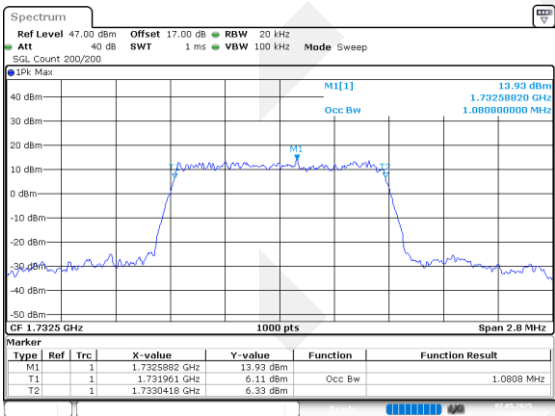


26dB Bandwidth

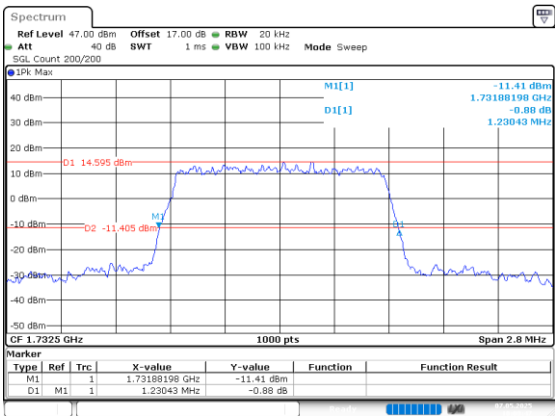


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



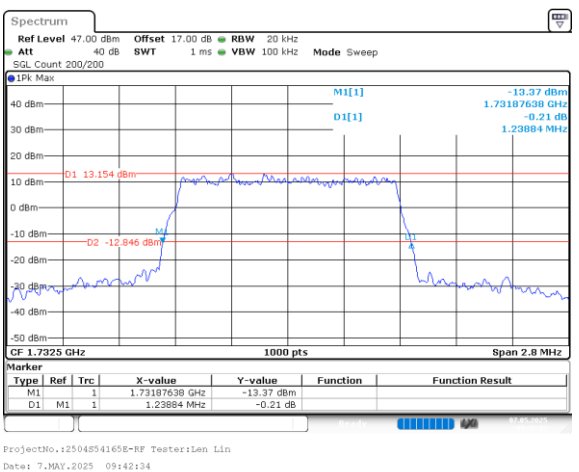
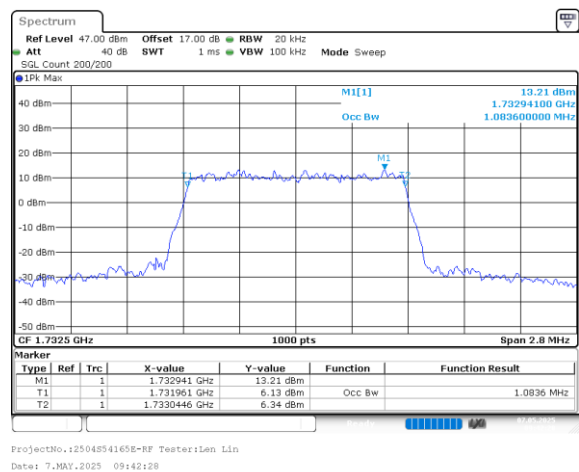
26dB Bandwidth



1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

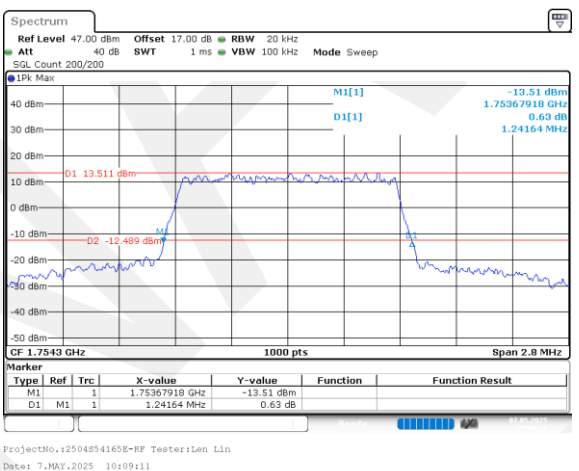
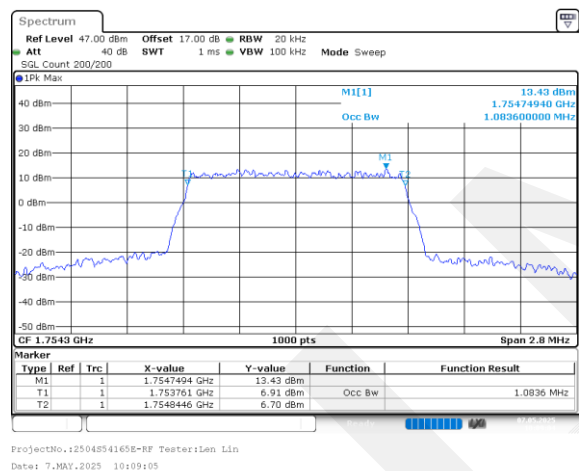
26dB Bandwidth



1.4MHz_High_QPSK_6@0

Occupied Bandwidth

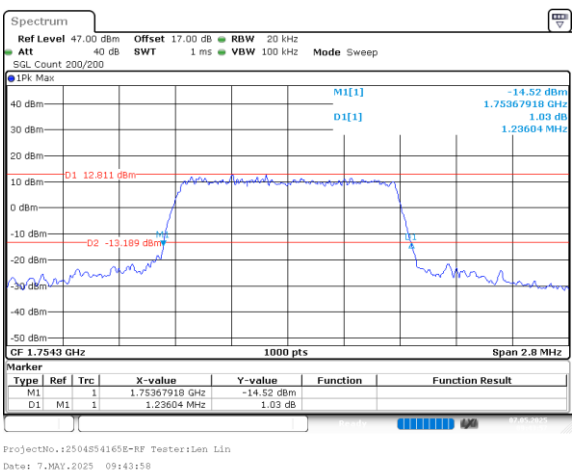
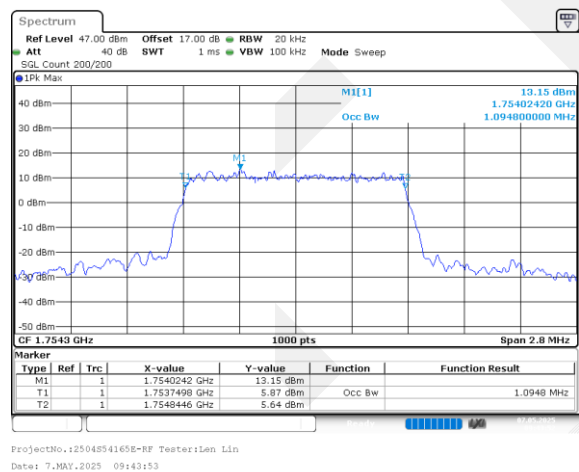
26dB Bandwidth



1.4MHz_High_16QAM_6@0

Occupied Bandwidth

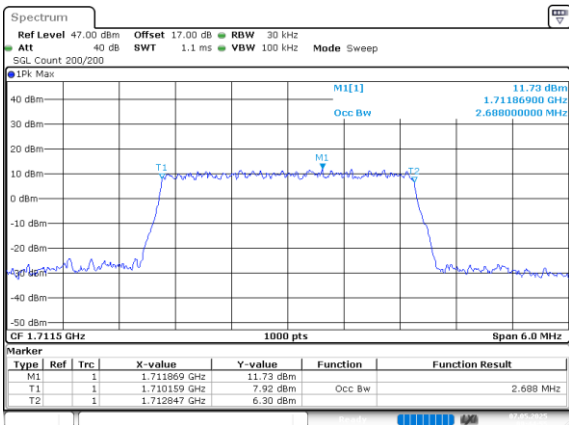
26dB Bandwidth



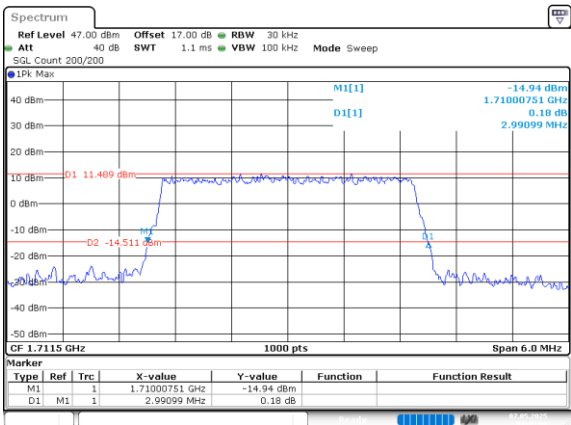
3MHz_Low_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:44:56

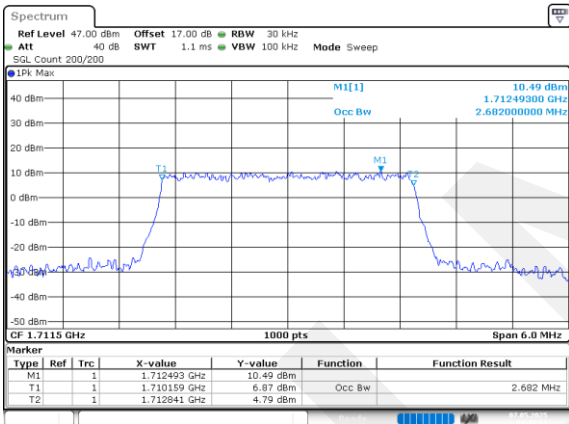


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:45:01

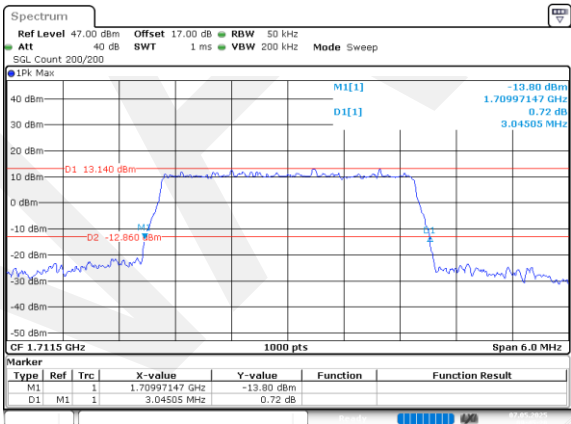
3MHz_Low_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:45:14

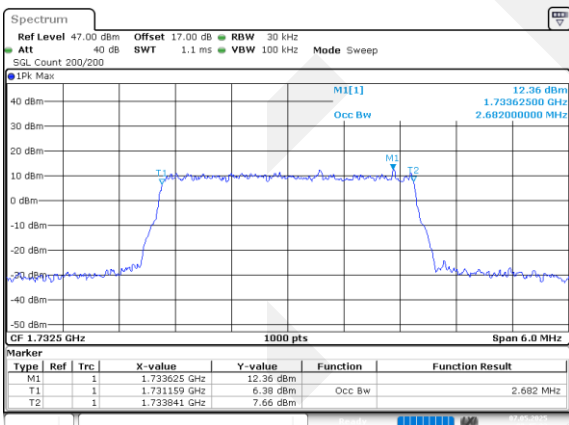


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:45:21

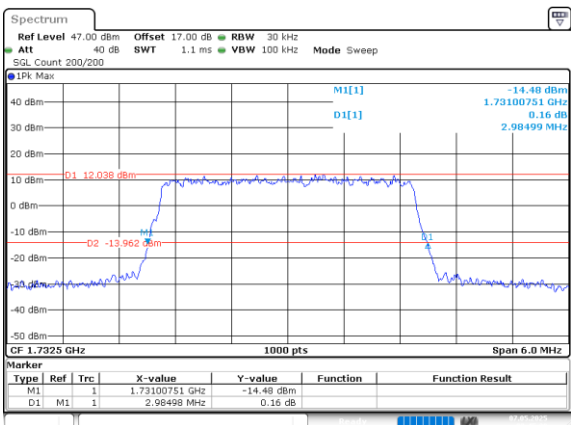
3MHz_Middle_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:45:33

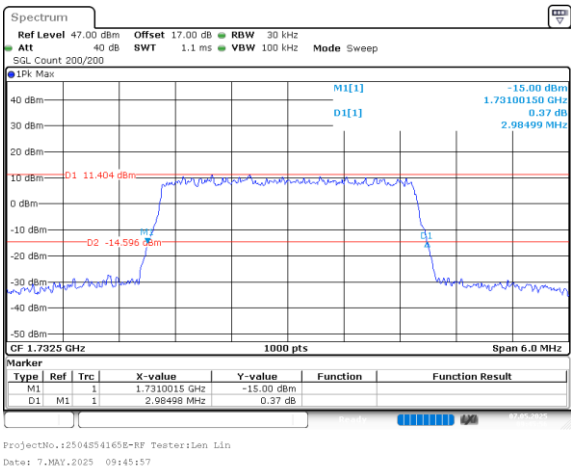
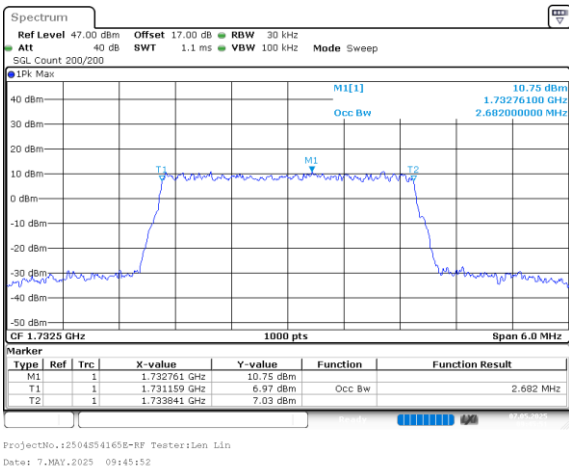


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:45:39

3MHz_Middle_16QAM_15@0

Occupied Bandwidth

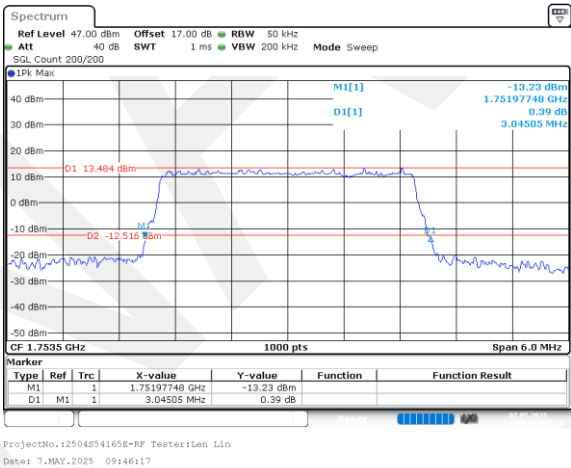
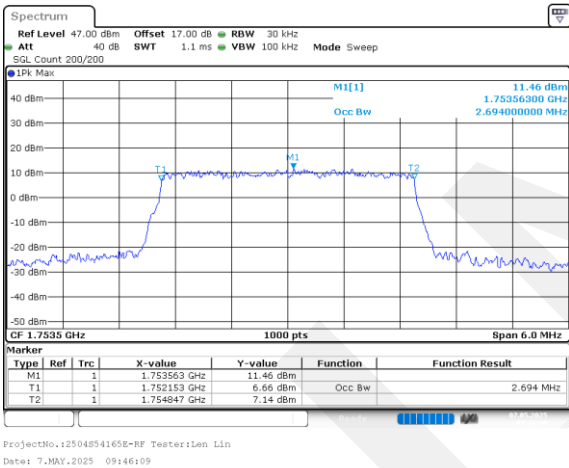
26dB Bandwidth



3MHz_High_QPSK_15@0

Occupied Bandwidth

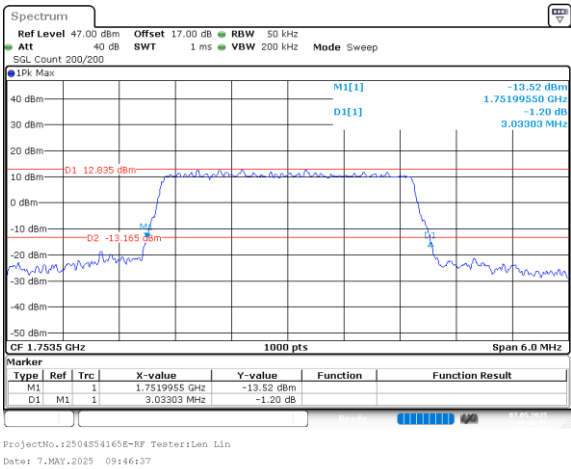
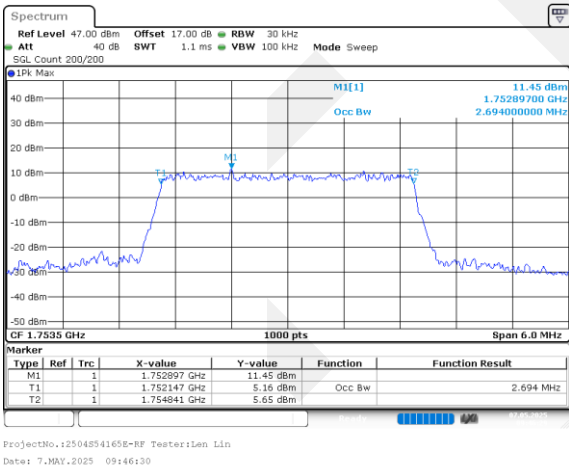
26dB Bandwidth



3MHz_High_16QAM_15@0

Occupied Bandwidth

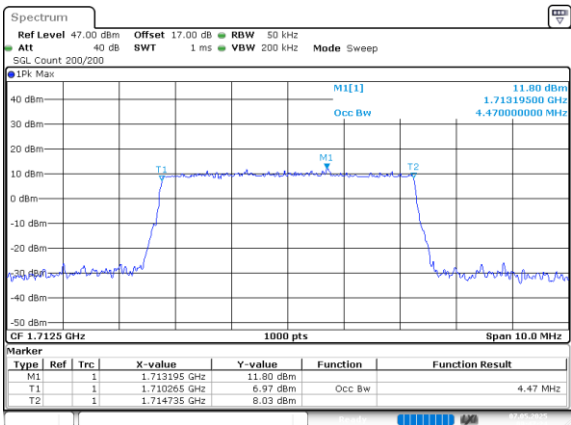
26dB Bandwidth



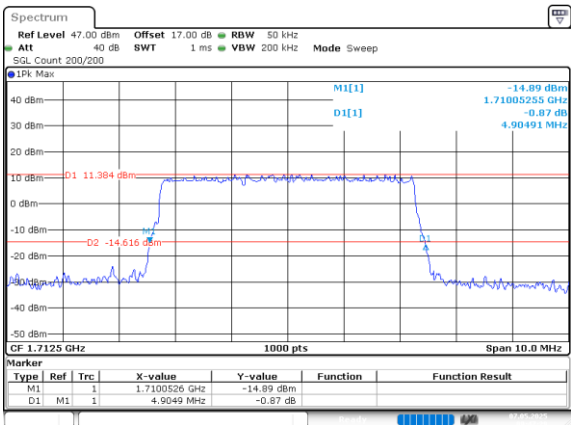
5MHz_Low_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:47:24

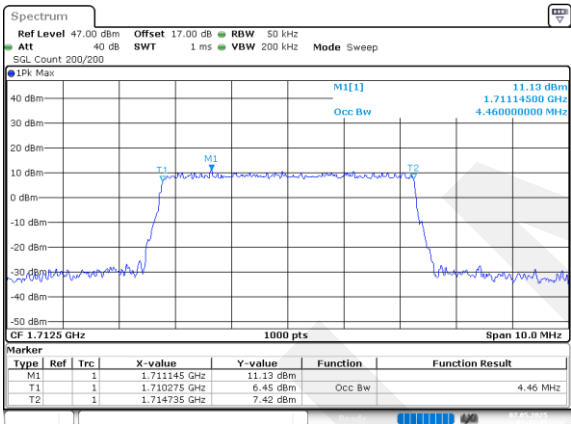


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:47:30

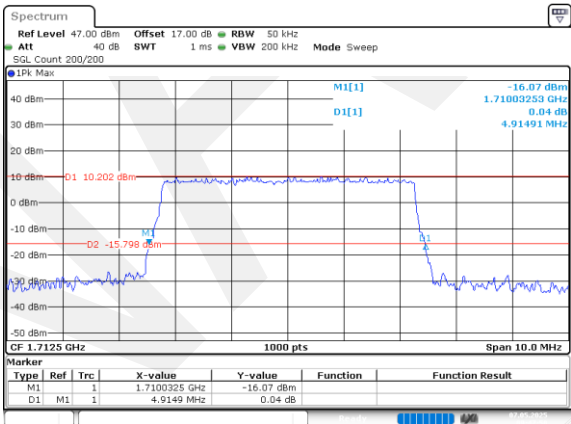
5MHz_Low_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:47:45

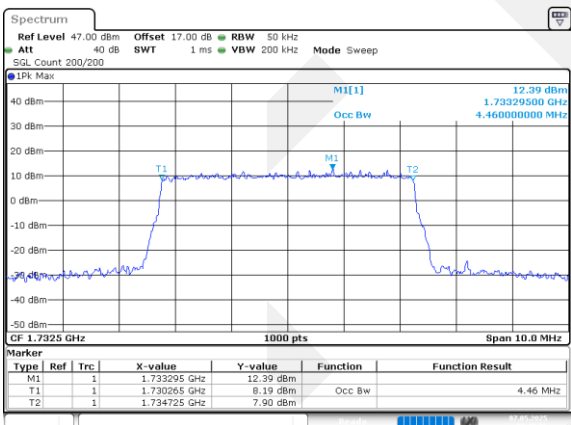


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:47:51

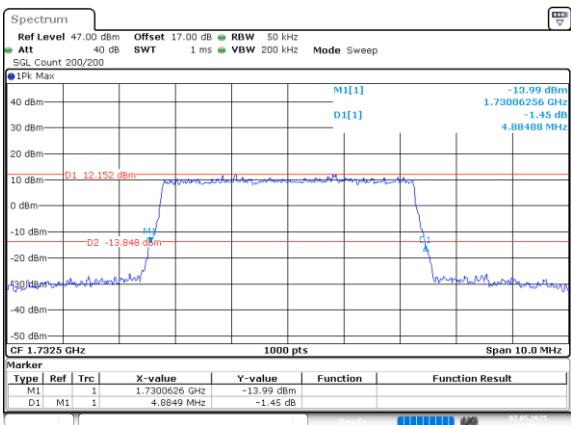
5MHz_Middle_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:48:07

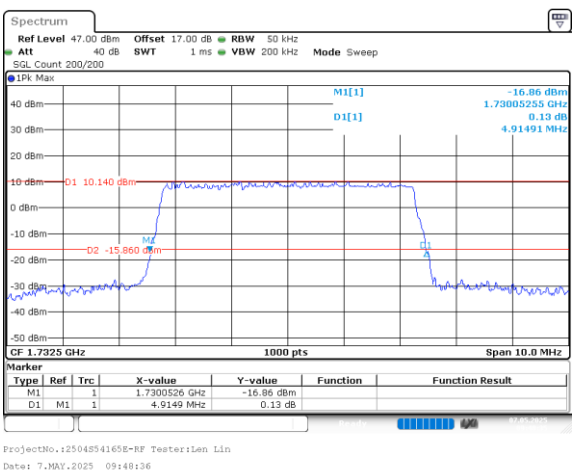
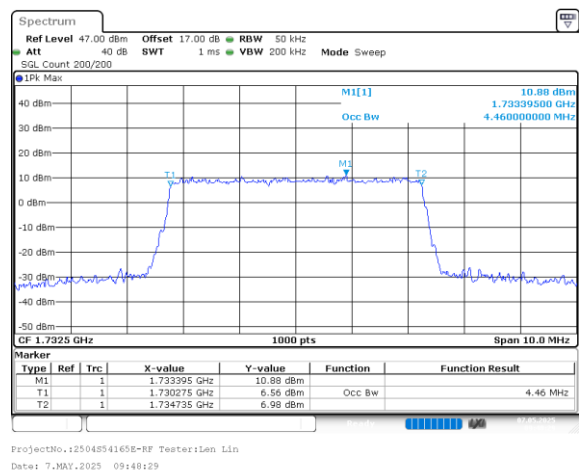


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:48:13

5MHz_Middle_16QAM_25@0

Occupied Bandwidth

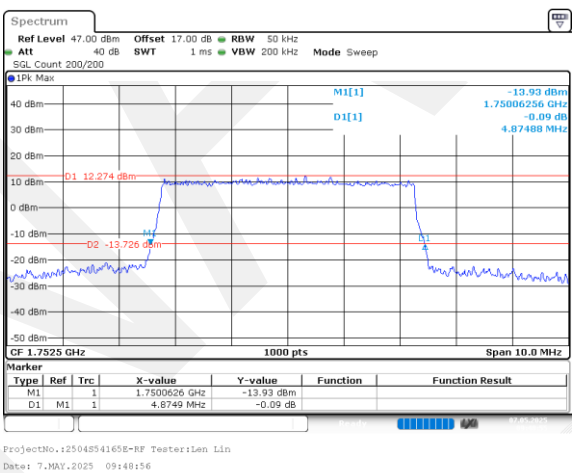
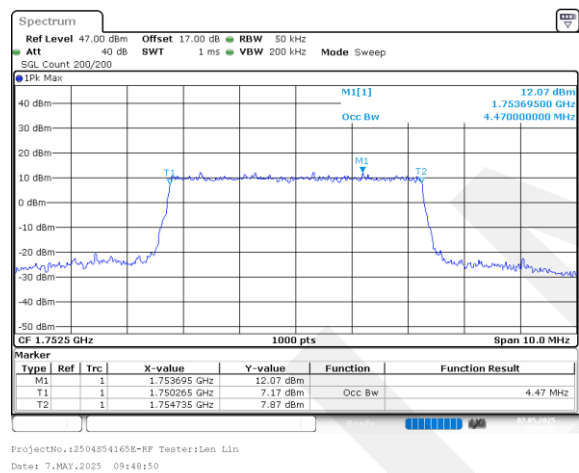
26dB Bandwidth



5MHz_High_QPSK_25@0

Occupied Bandwidth

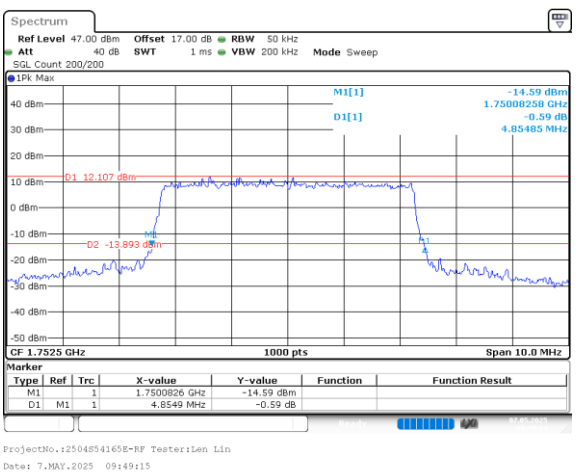
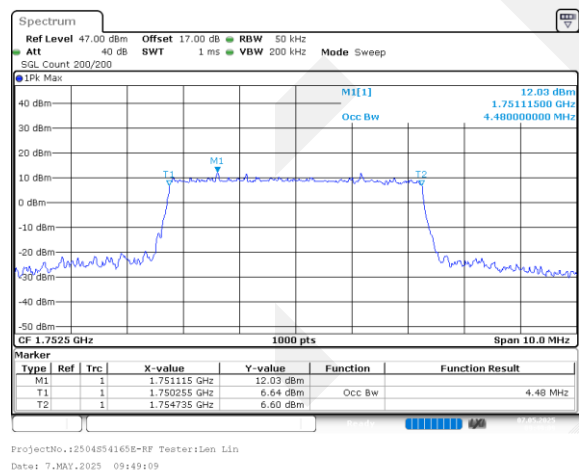
26dB Bandwidth



5MHz_High_16QAM_25@0

Occupied Bandwidth

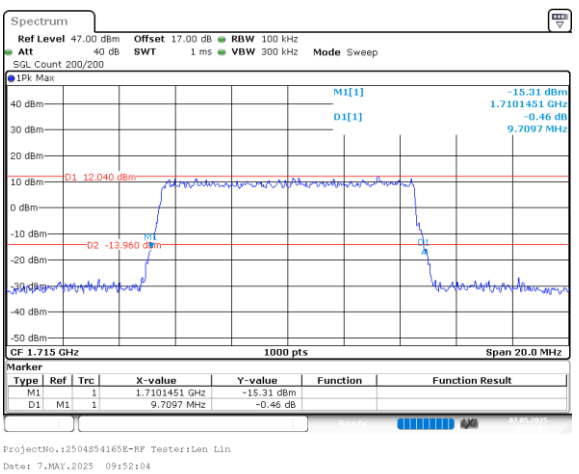
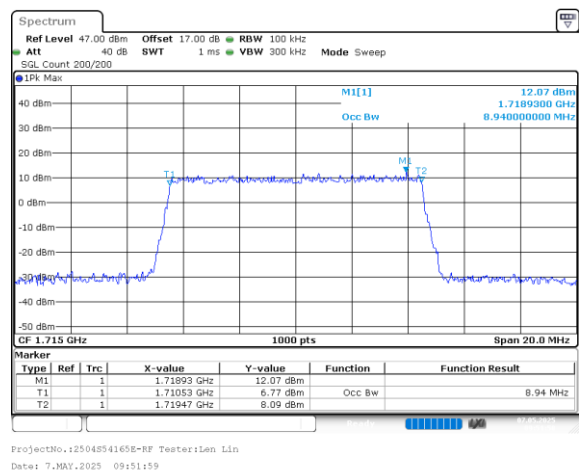
26dB Bandwidth



10MHz_Low_QPSK_50@0

Occupied Bandwidth

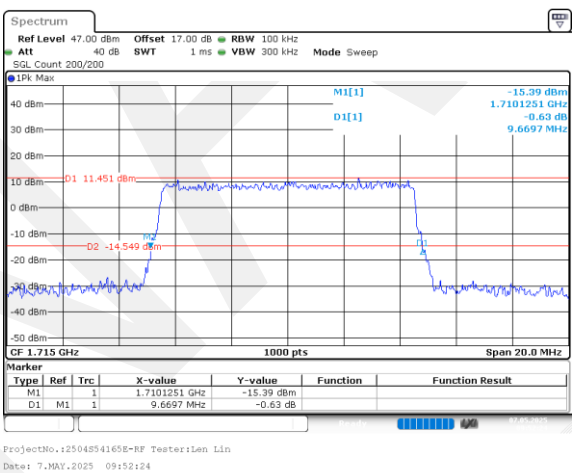
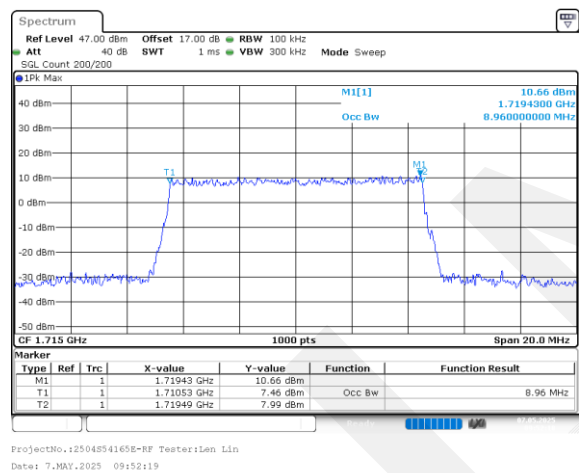
26dB Bandwidth



10MHz_Low_16QAM_50@0

Occupied Bandwidth

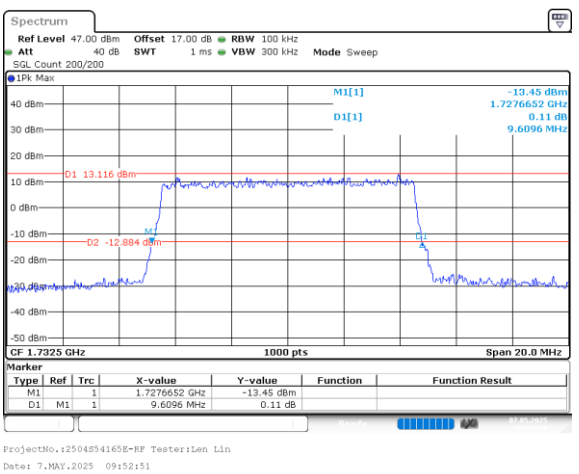
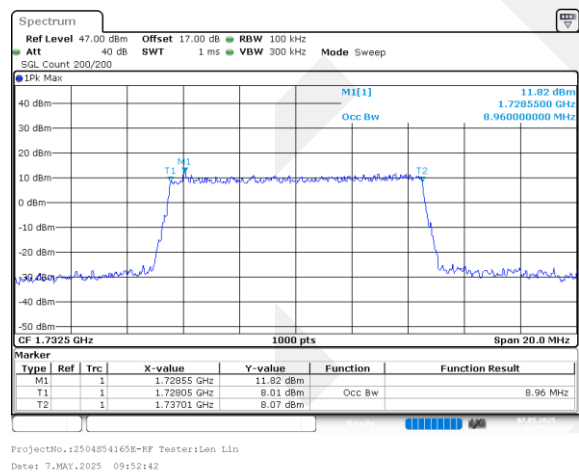
26dB Bandwidth



10MHz_Middle_QPSK_50@0

Occupied Bandwidth

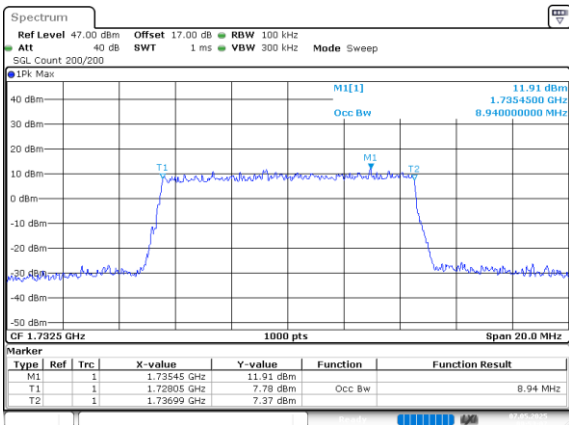
26dB Bandwidth



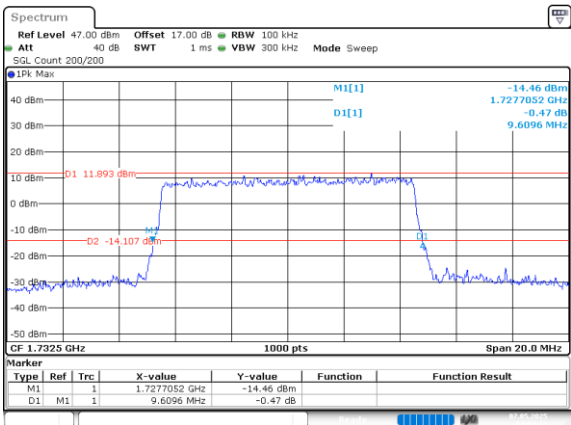
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:53:08

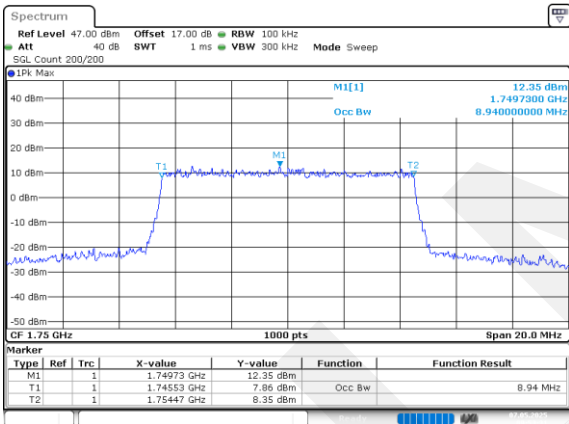


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:53:16

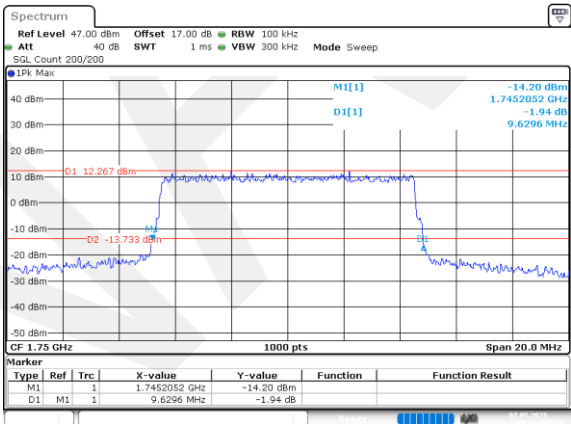
10MHz_High_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:53:12

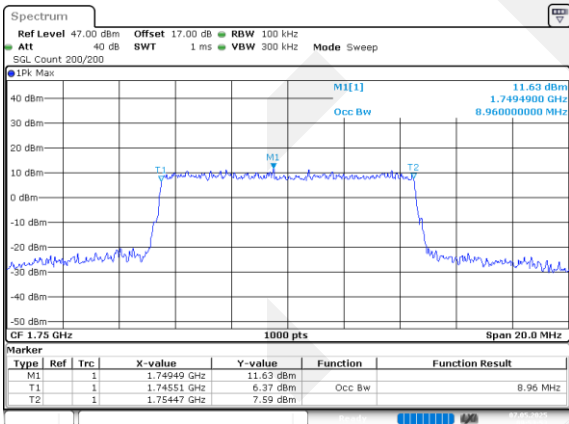


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:53:18

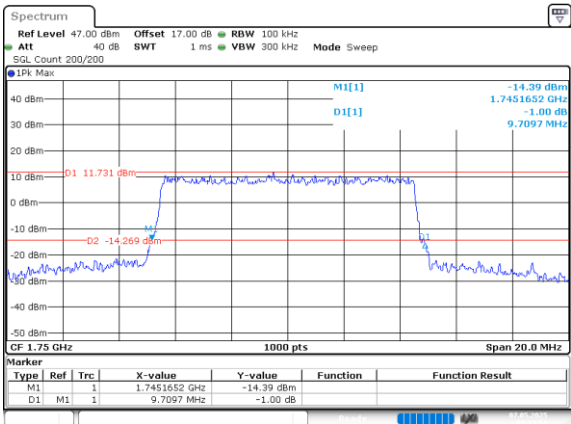
10MHz_High_16QAM_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:53:14

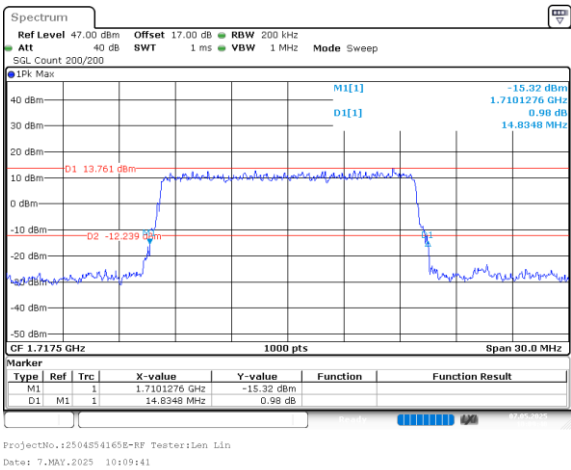
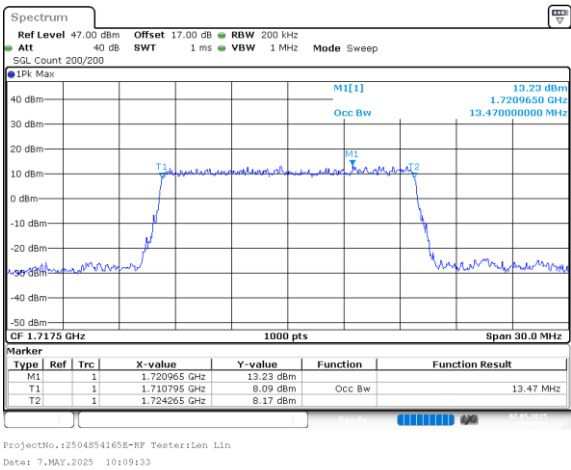


ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 7.MAY.2025 09:54:00

15MHz_Low_QPSK_75@0

Occupied Bandwidth

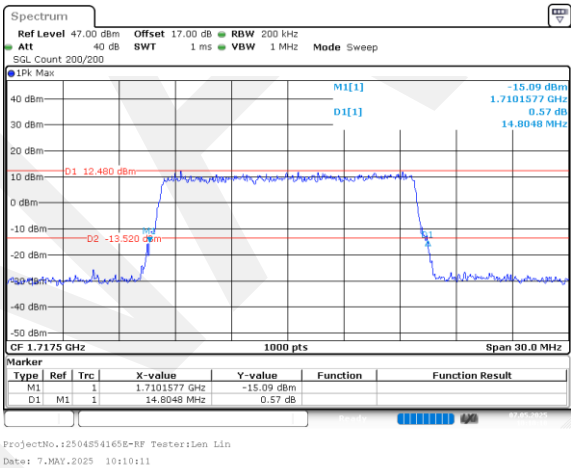
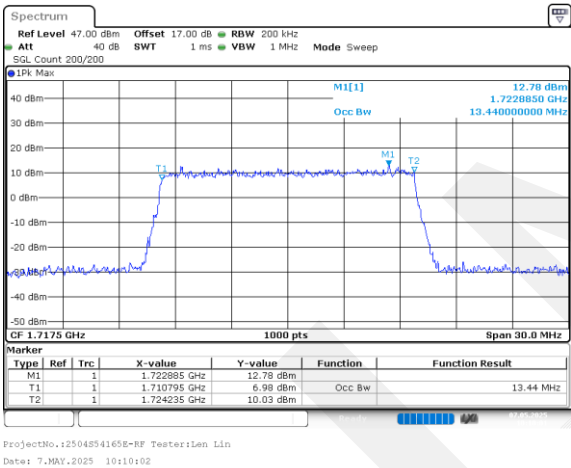
26dB Bandwidth



15MHz_Low_16QAM_75@0

Occupied Bandwidth

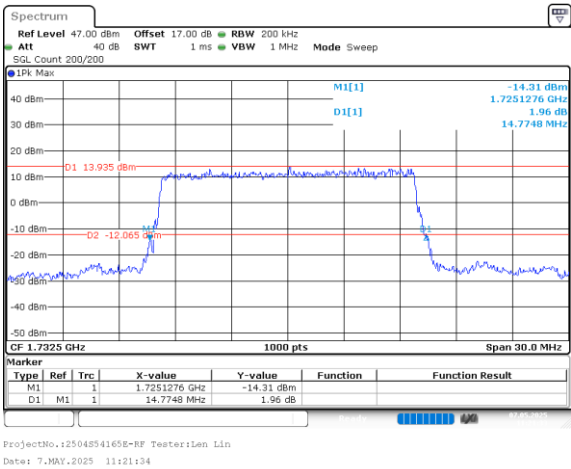
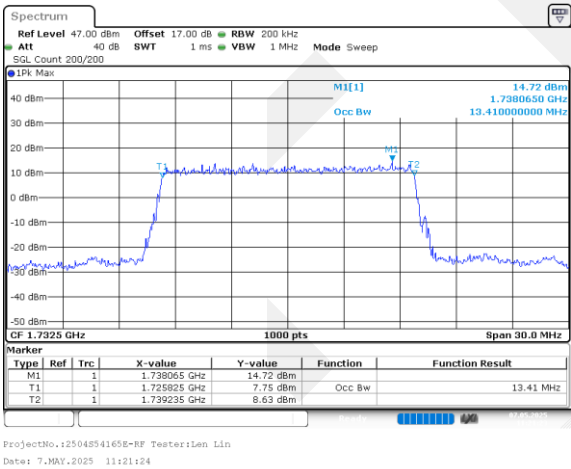
26dB Bandwidth



15MHz_Middle_QPSK_75@0

Occupied Bandwidth

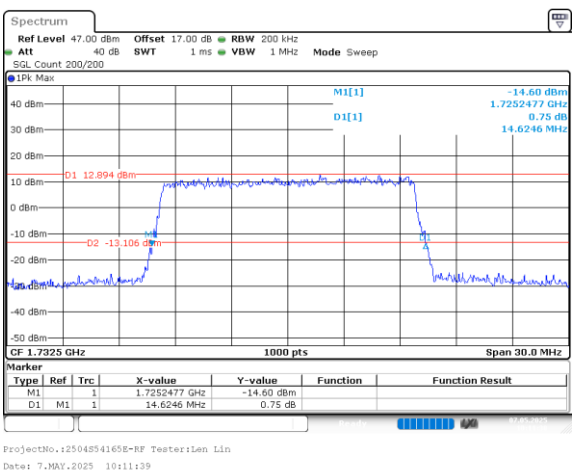
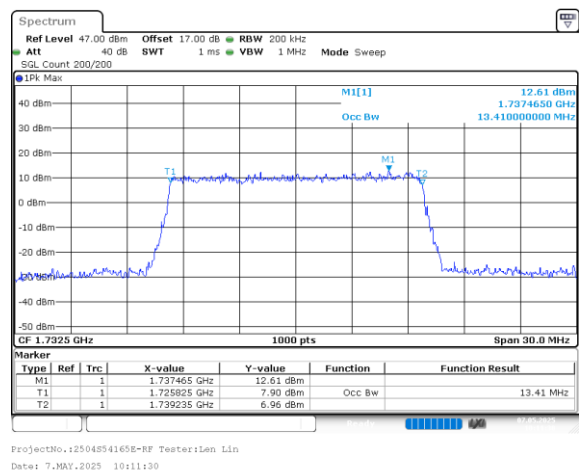
26dB Bandwidth



15MHz_Middle_16QAM_75@0

Occupied Bandwidth

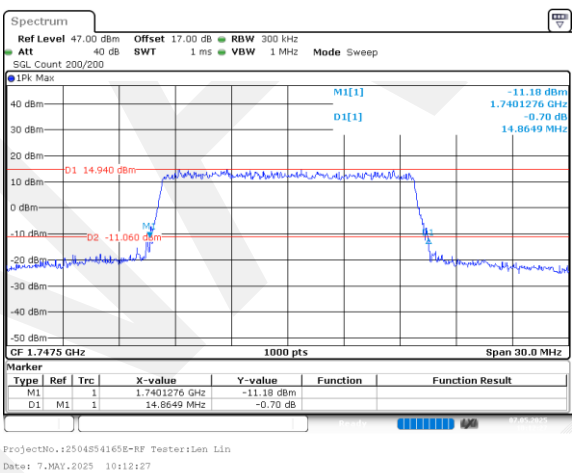
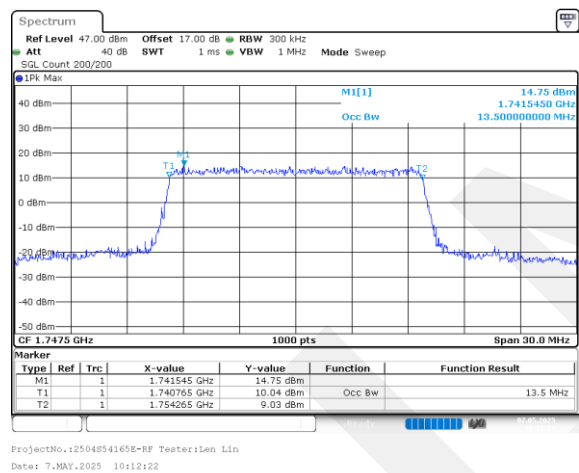
26dB Bandwidth



15MHz_High_QPSK_75@0

Occupied Bandwidth

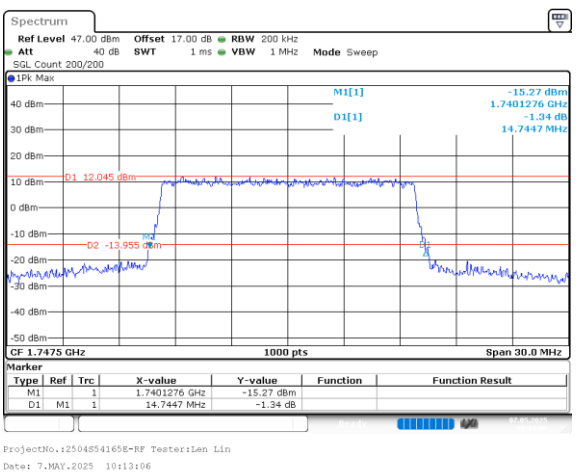
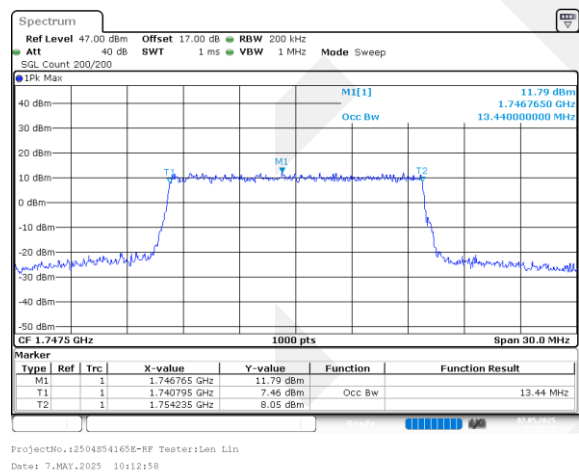
26dB Bandwidth



15MHz_High_16QAM_75@0

Occupied Bandwidth

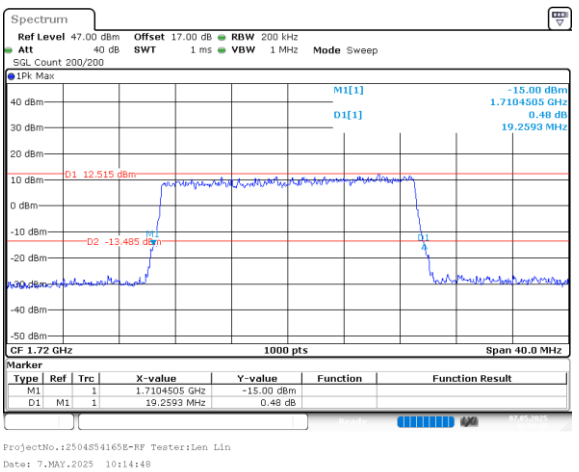
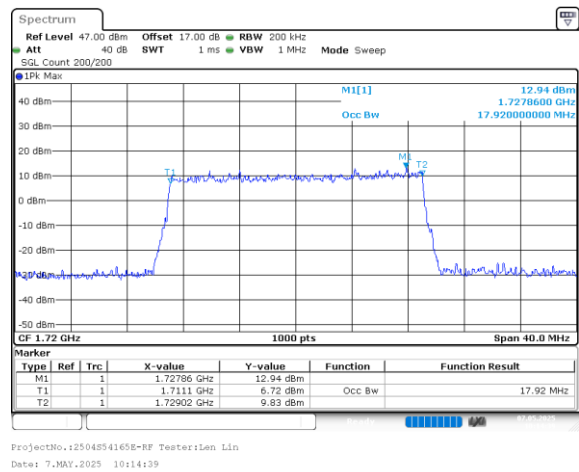
26dB Bandwidth



20MHz_Low_QPSK_100@0

Occupied Bandwidth

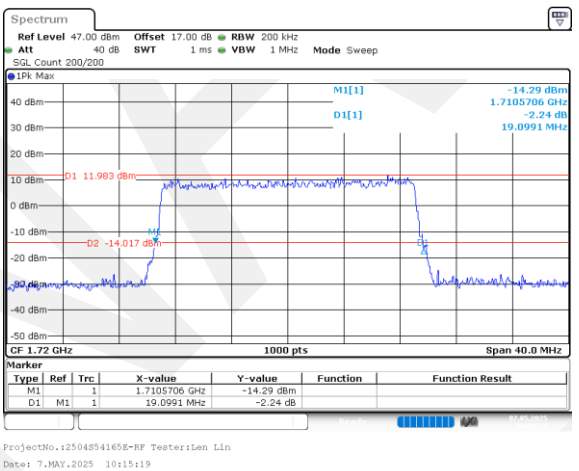
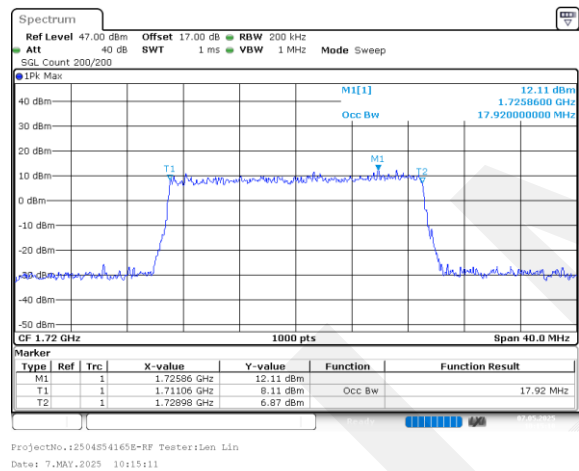
26dB Bandwidth



20MHz_Low_16QAM_100@0

Occupied Bandwidth

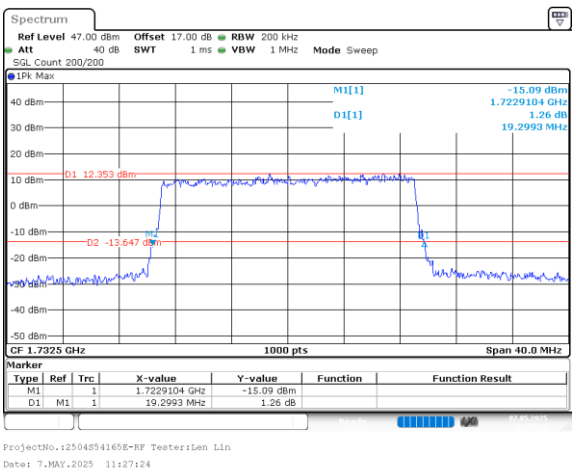
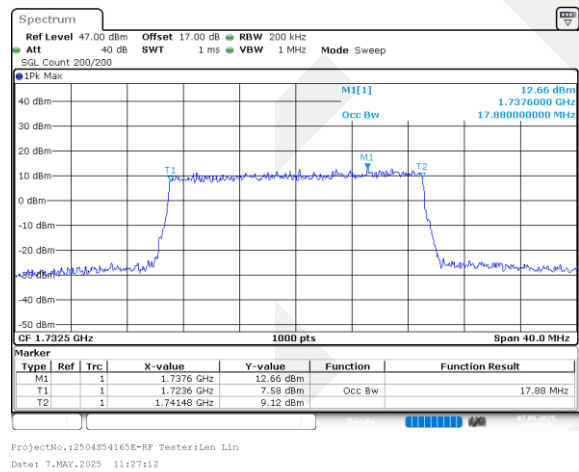
26dB Bandwidth



20MHz_Middle_QPSK_100@0

Occupied Bandwidth

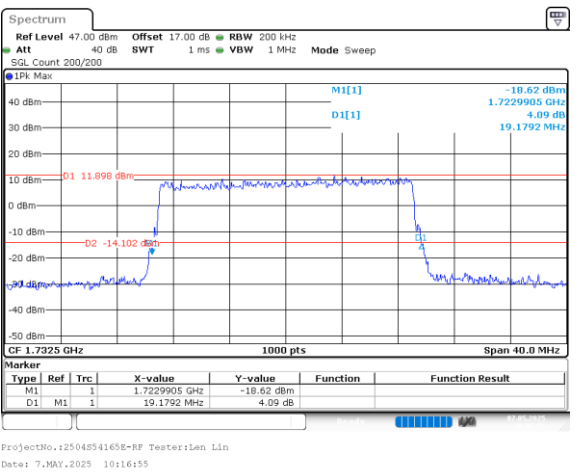
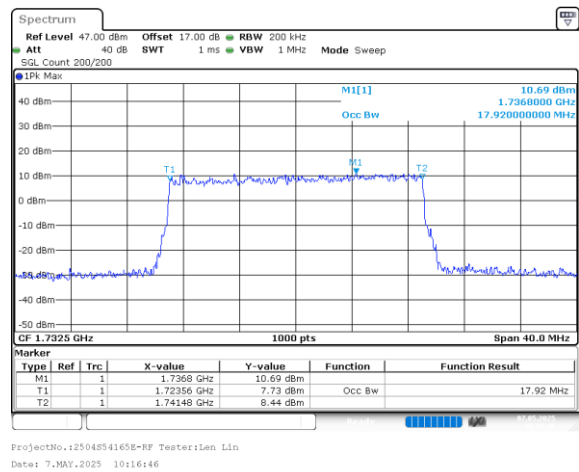
26dB Bandwidth



20MHz_Middle_16QAM_100@0

Occupied Bandwidth

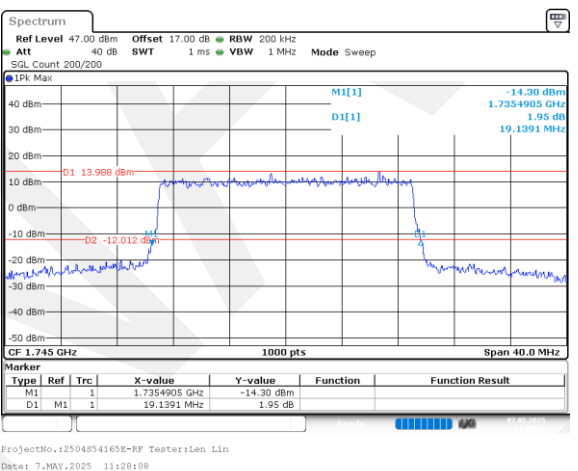
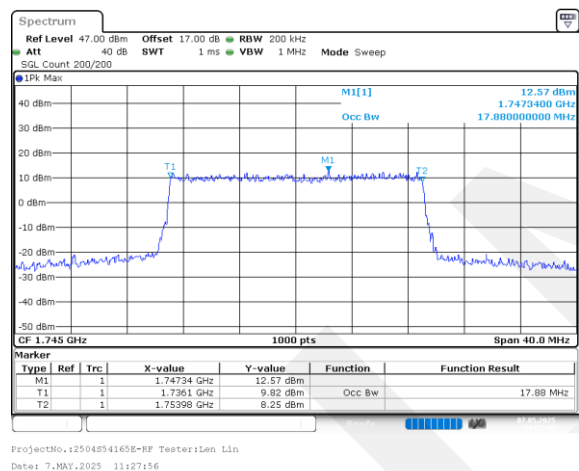
26dB Bandwidth



20MHz_High_QPSK_100@0

Occupied Bandwidth

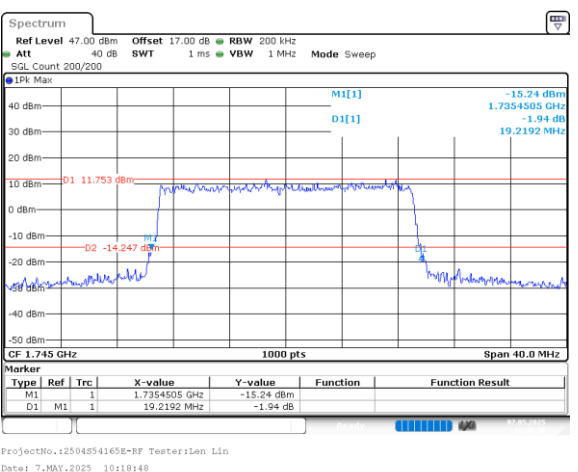
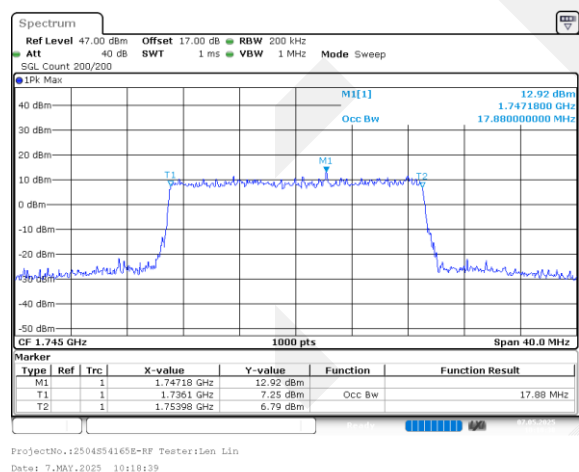
26dB Bandwidth



20MHz_High_16QAM_100@0

Occupied Bandwidth

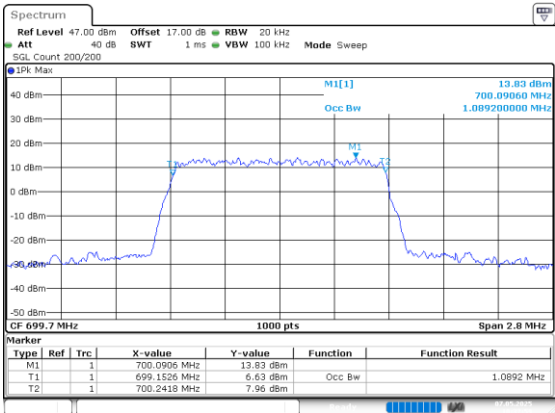
26dB Bandwidth



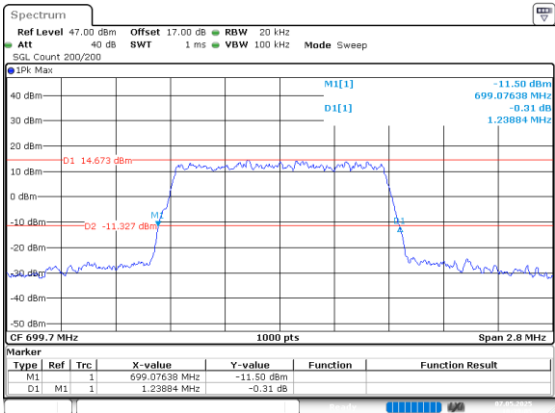
LTE Band 12, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

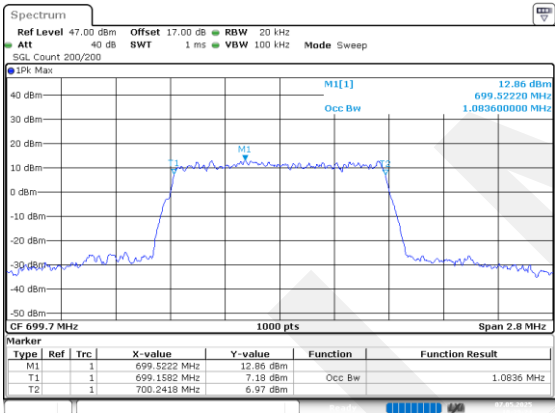


26dB Bandwidth

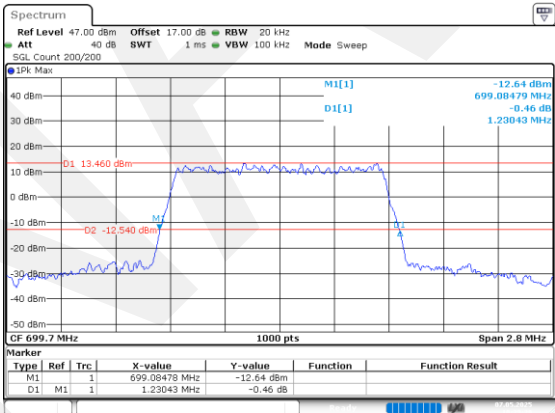


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

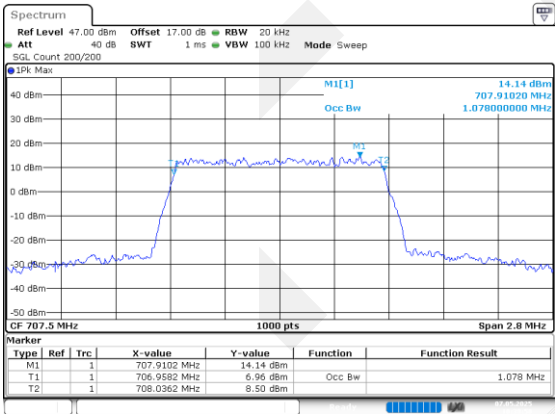


26dB Bandwidth



1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



26dB Bandwidth

