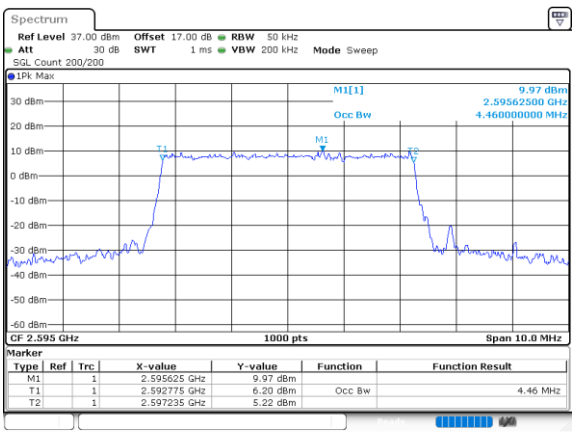
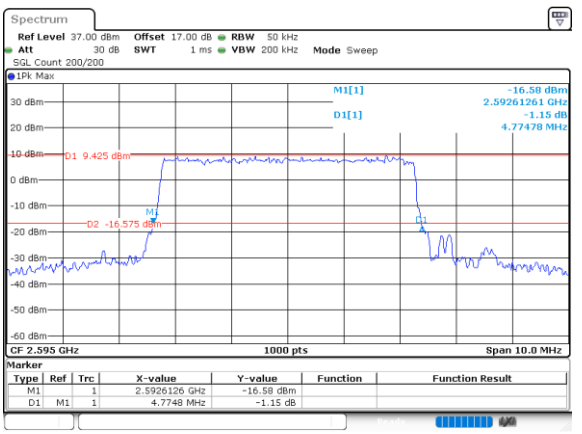
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:08:20

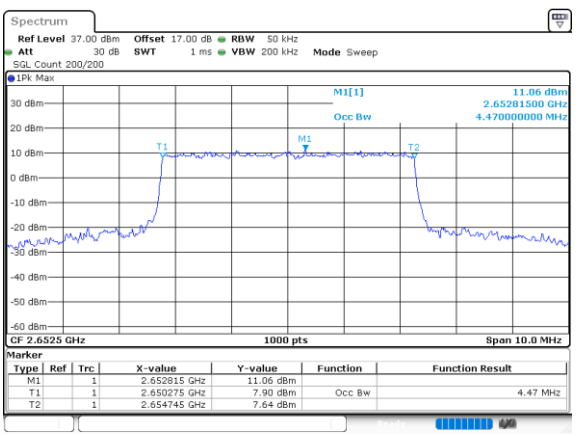
26dB Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:08:27

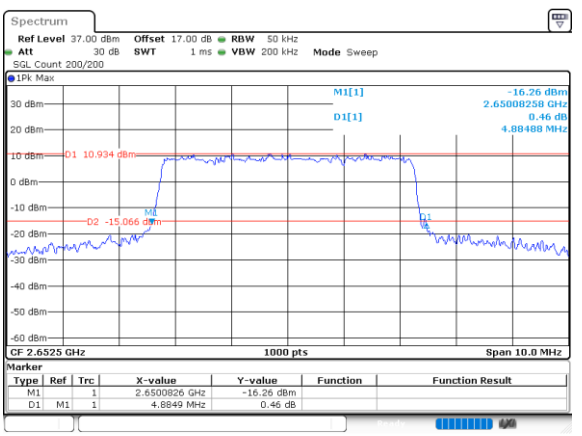
5MHz_High_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:08:47

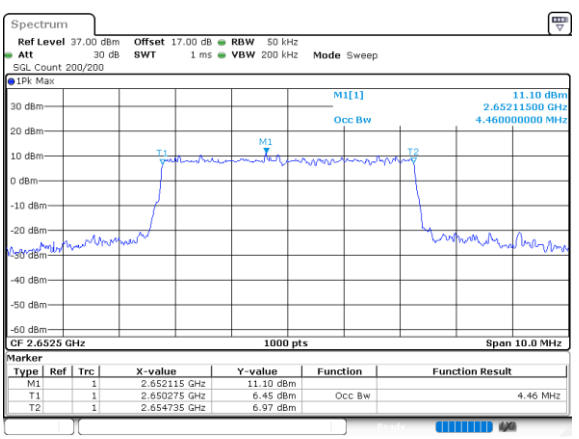
26dB Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:08:54

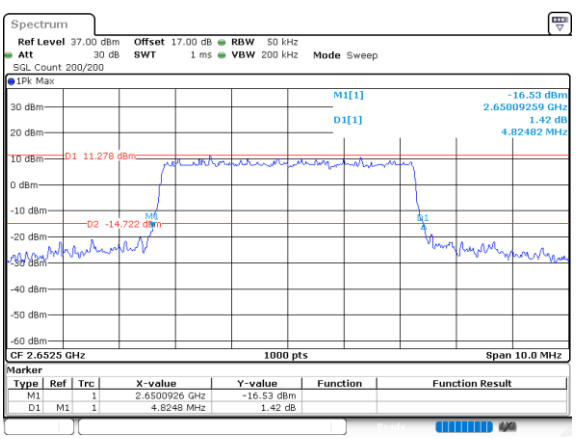
5MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:09:13

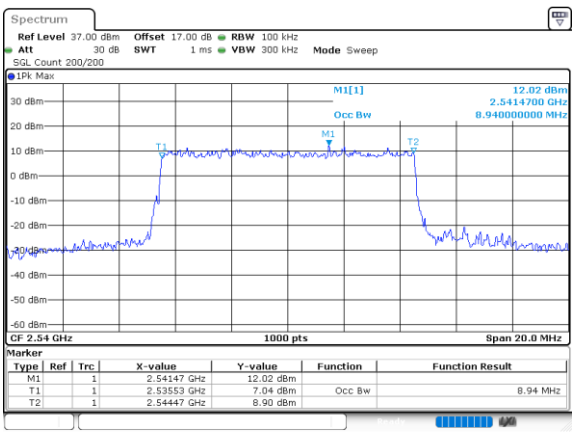
26dB Bandwidth



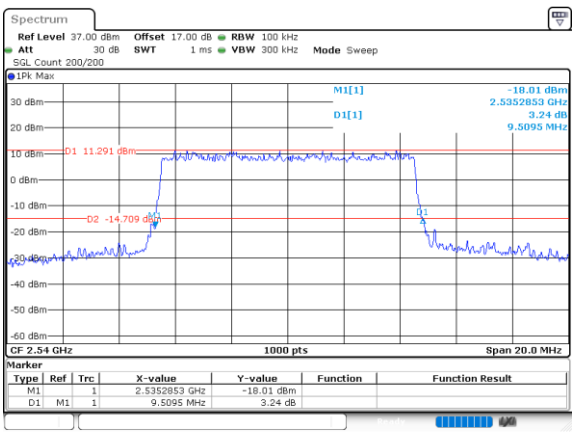
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:09:21

10MHz_Low_QPSK_50@0

Occupied Bandwidth

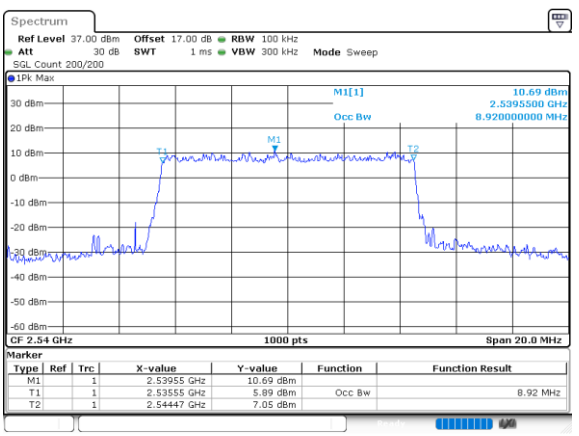


26dB Bandwidth

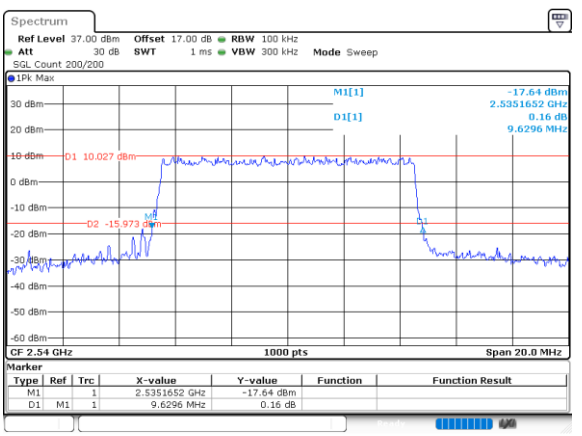


10MHz_Low_16QAM_50@0

Occupied Bandwidth

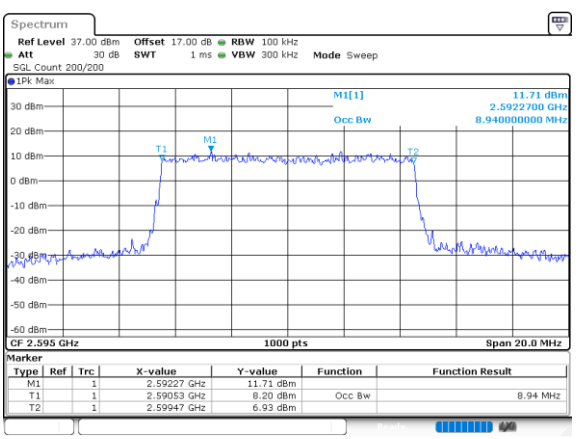


26dB Bandwidth

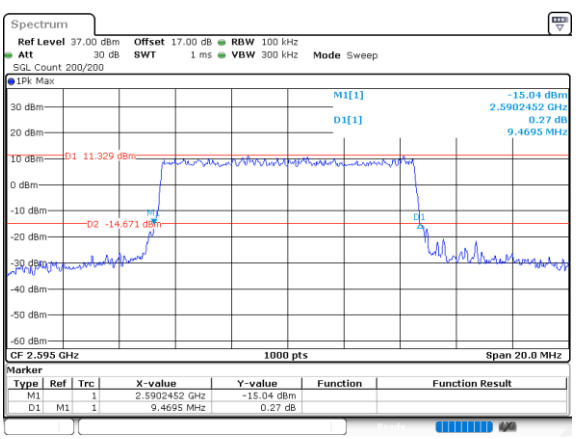


10MHz_Middle_QPSK_50@0

Occupied Bandwidth

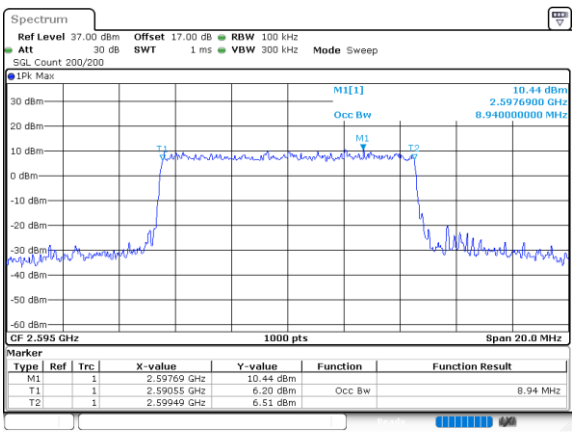


26dB Bandwidth



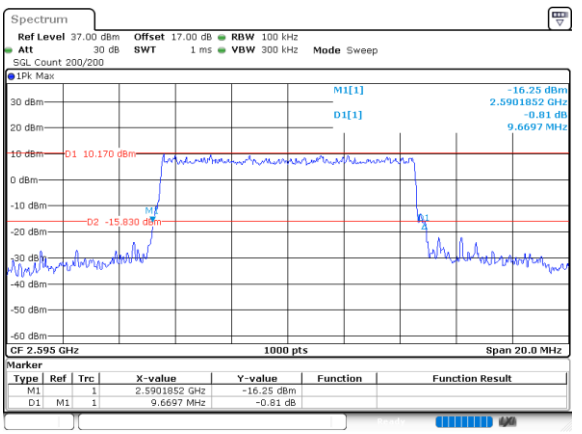
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:11:19

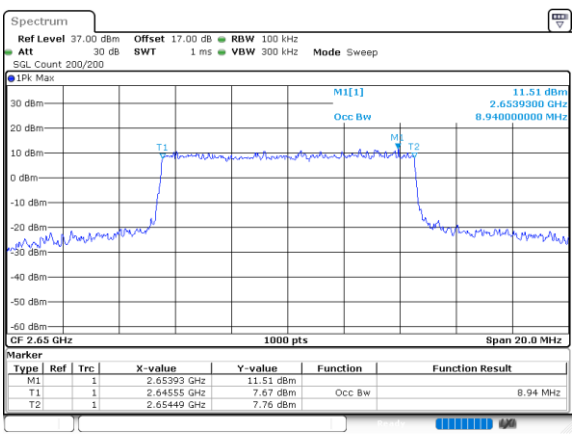
26dB Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:11:29

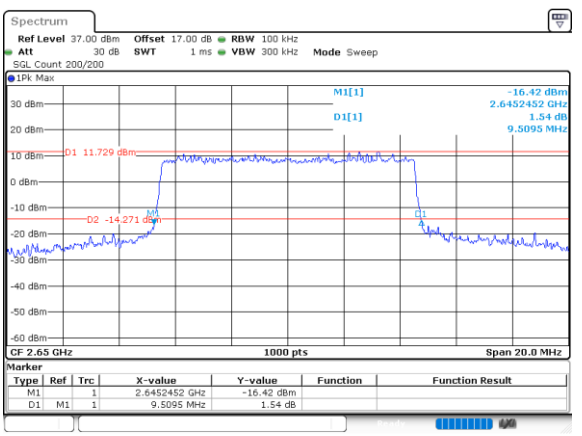
10MHz_High_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:11:53

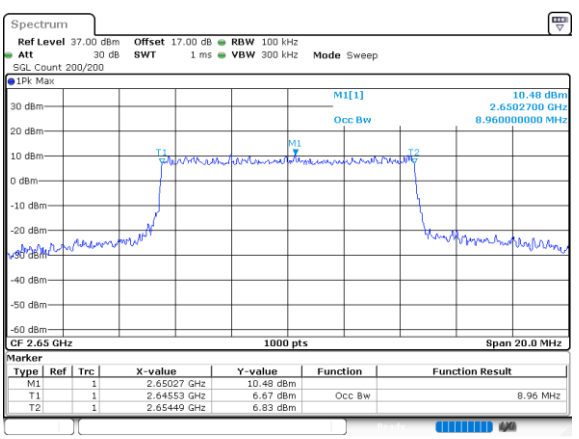
26dB Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:12:03

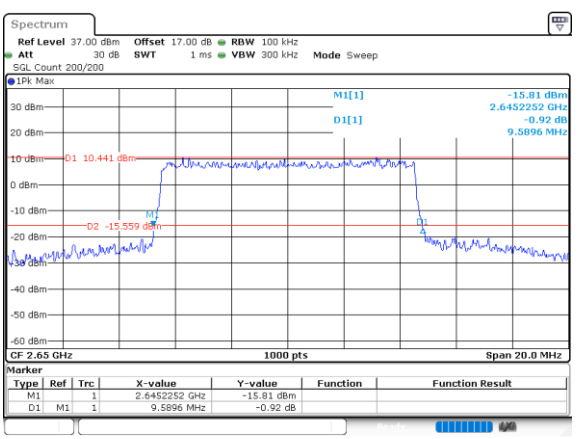
10MHz_High_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:12:28

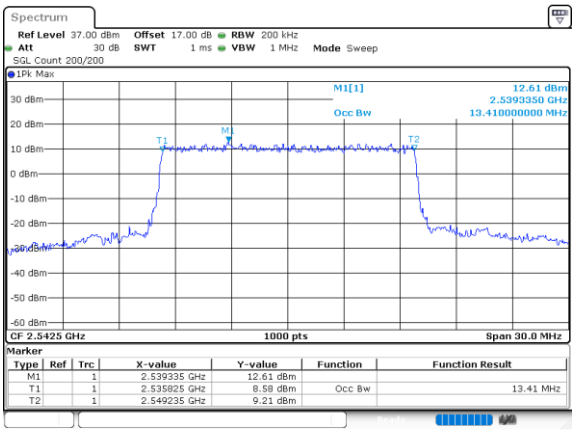
26dB Bandwidth



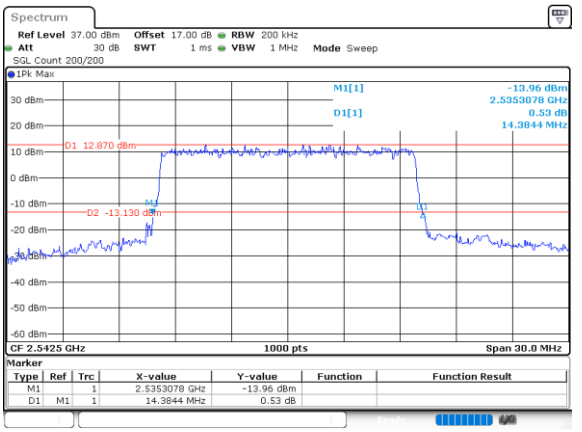
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:12:37

15MHz_Low_QPSK_75@0

Occupied Bandwidth

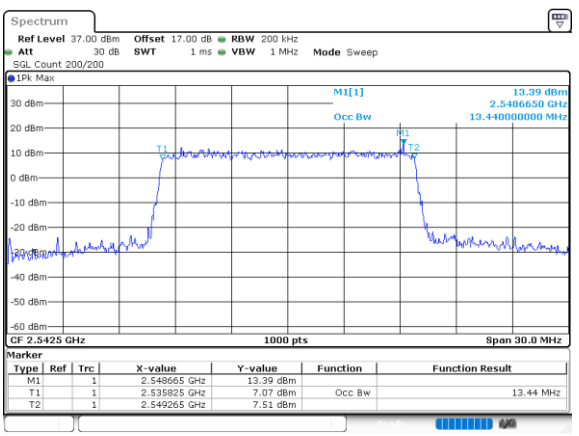


26dB Bandwidth

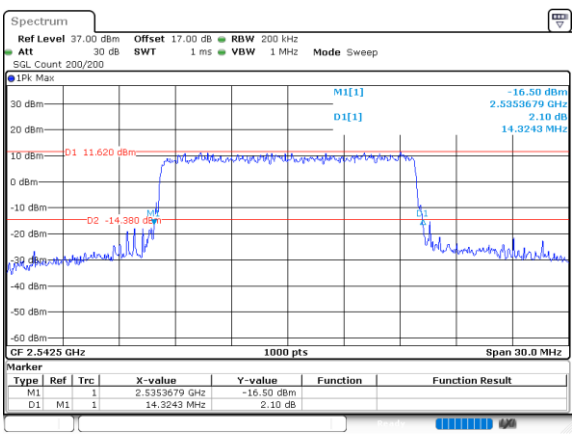


15MHz_Low_16QAM_75@0

Occupied Bandwidth

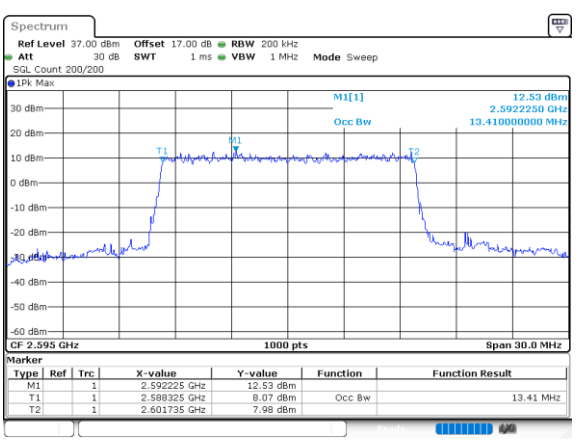


26dB Bandwidth

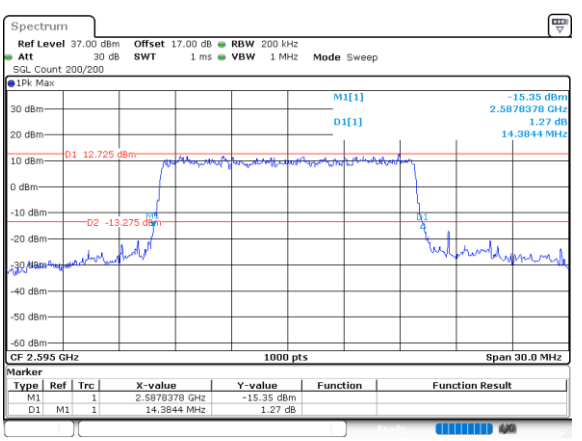


15MHz_Middle_QPSK_75@0

Occupied Bandwidth

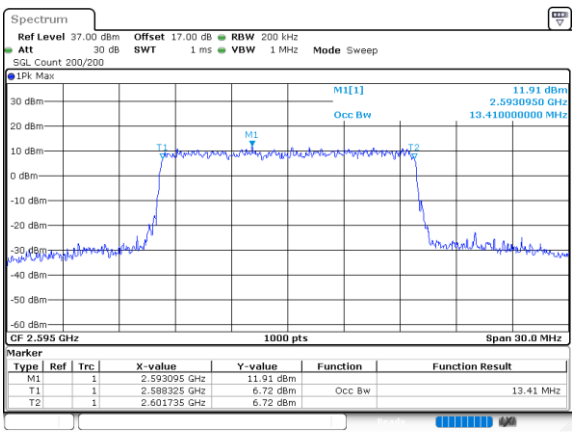


26dB Bandwidth

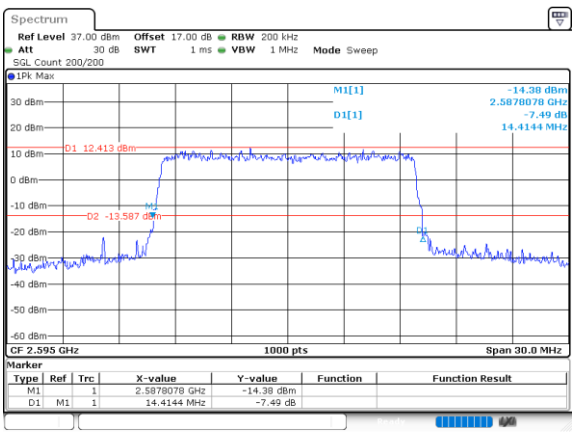


15MHz_Middle_16QAM_75@0

Occupied Bandwidth

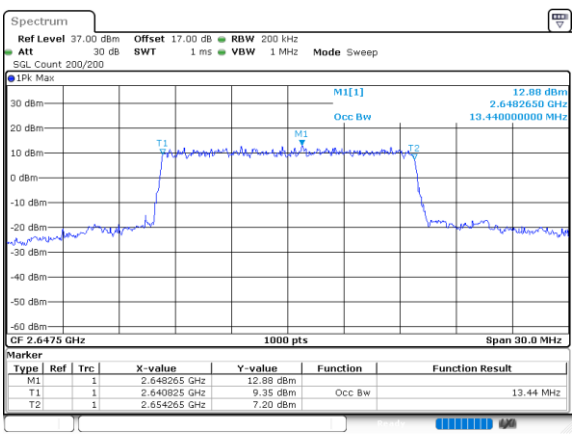


26dB Bandwidth

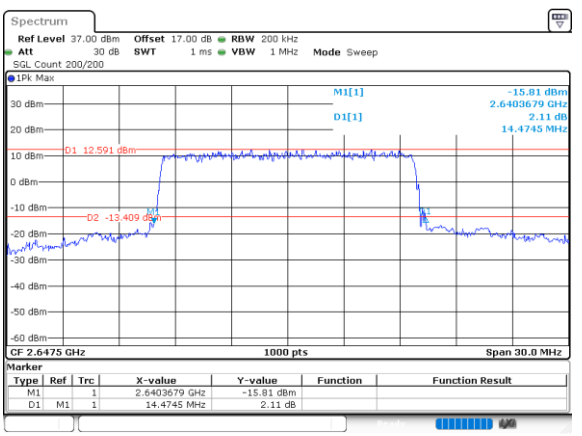


15MHz_High_QPSK_75@0

Occupied Bandwidth

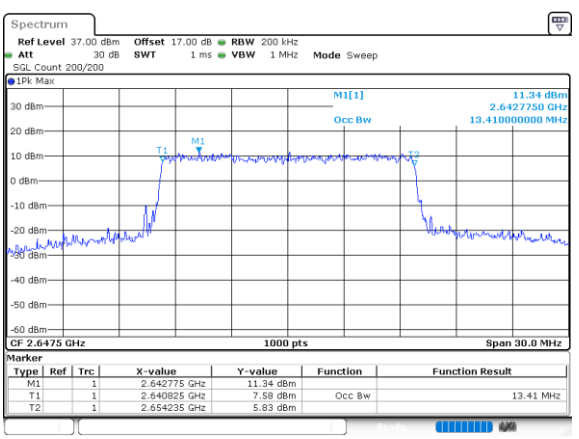


26dB Bandwidth

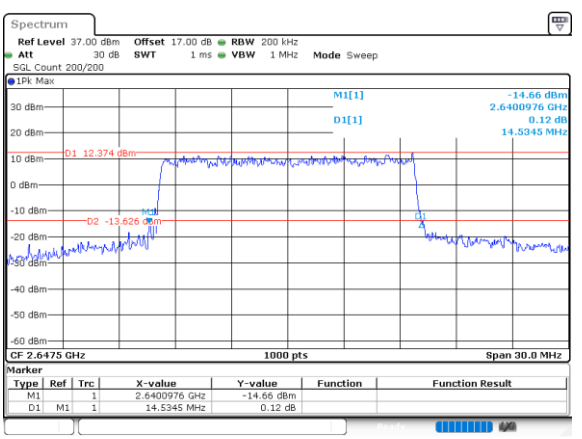


15MHz_High_16QAM_75@0

Occupied Bandwidth

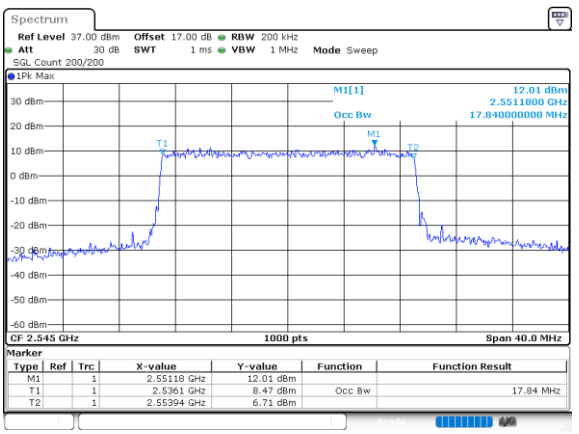


26dB Bandwidth



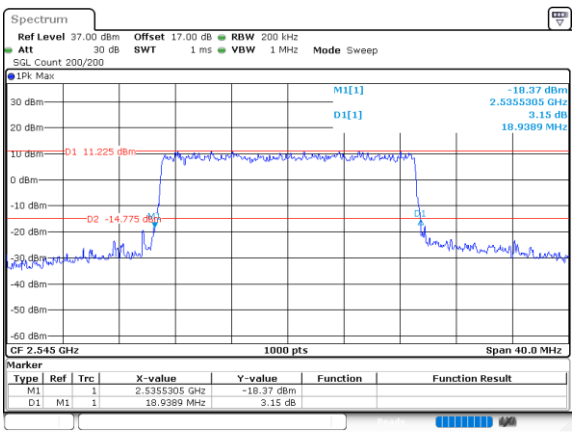
20MHz_Low_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:16:31

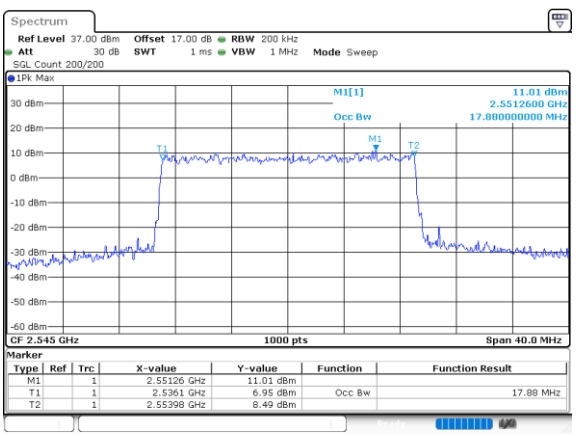
26dB Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:16:41

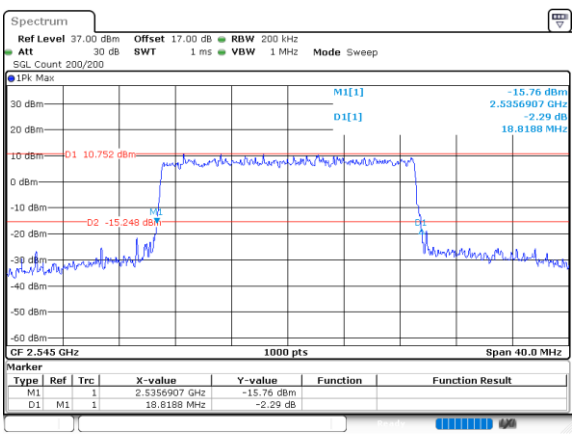
20MHz_Low_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:17:07

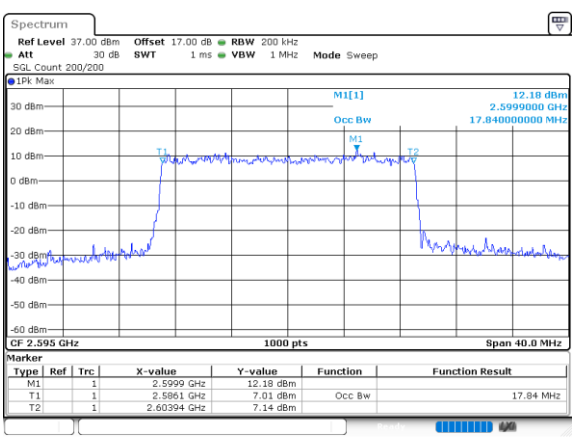
26dB Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:17:16

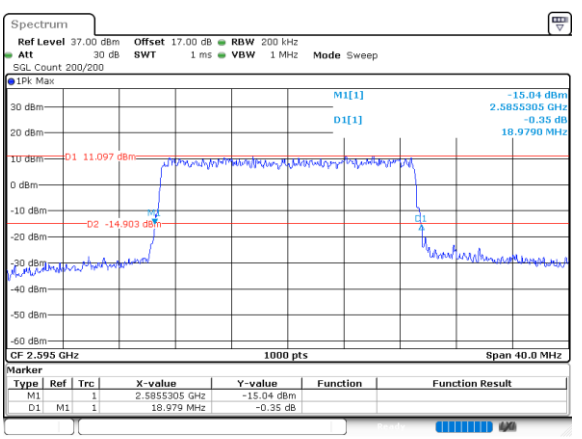
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:17:42

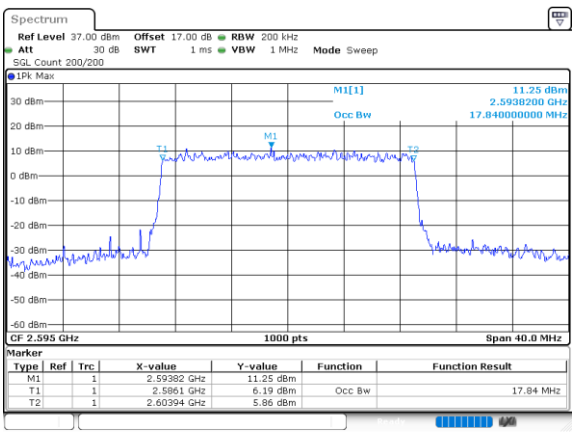
26dB Bandwidth



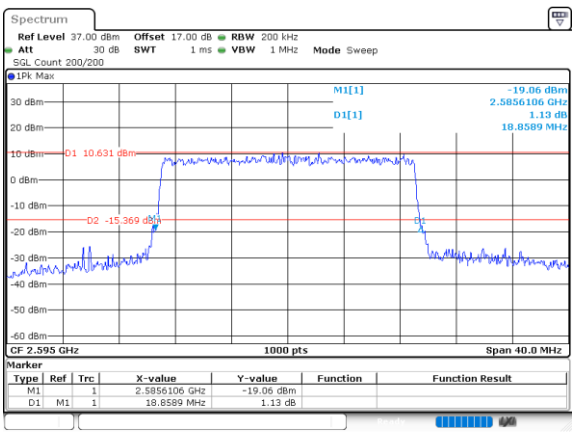
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 16:17:52

20MHz_Middle_16QAM_100@0

Occupied Bandwidth

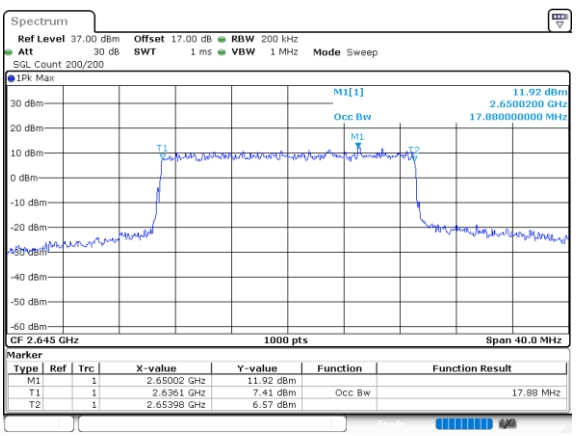


26dB Bandwidth

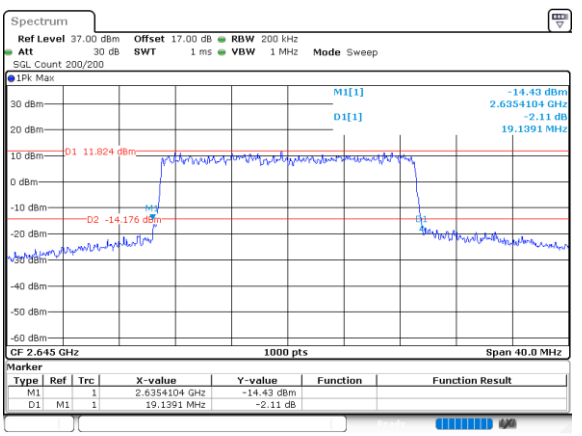


20MHz_High_QPSK_100@0

Occupied Bandwidth

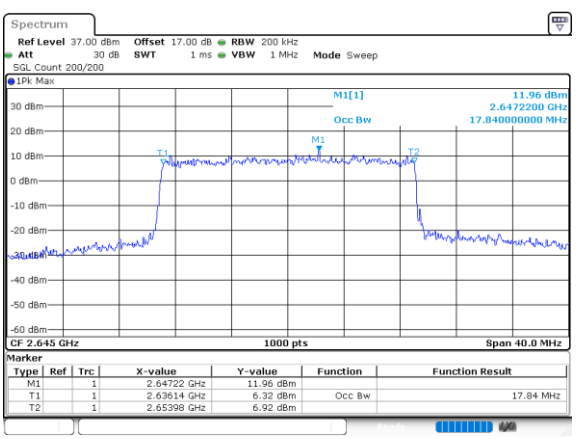


26dB Bandwidth

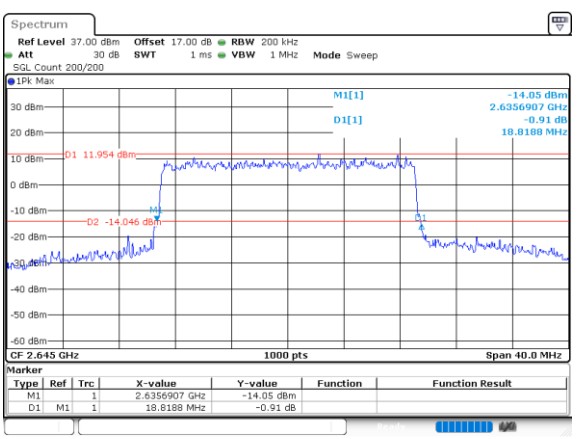


20MHz_High_16QAM_100@0

Occupied Bandwidth



26dB Bandwidth



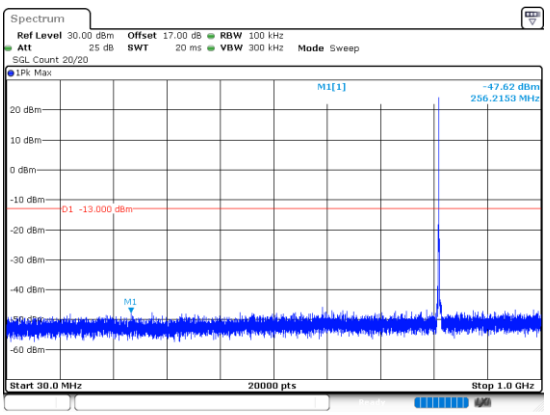
Spurious Emissions at Antenna Terminal

FCC For 90S

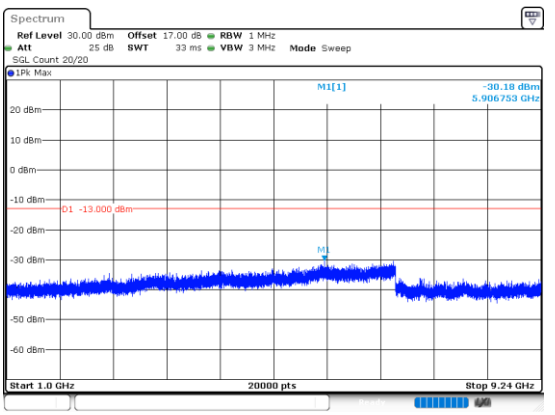
LTE B26_1, Normal

1RB was the worst case

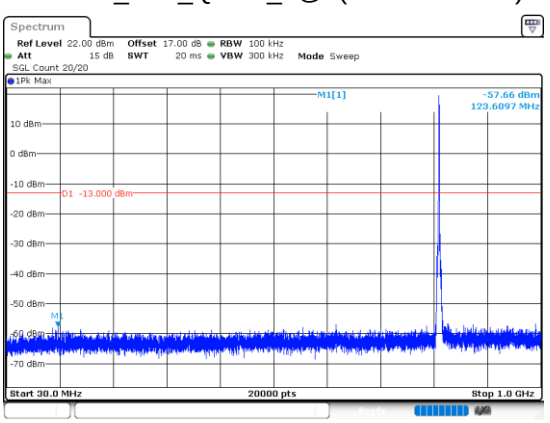
1.4MHz_Low_QPSK_1@0(30MHz~1GHz)



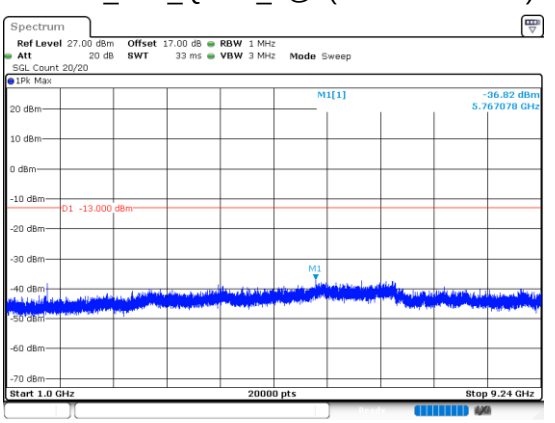
1.4MHz_Low_QPSK_1@0(1GHz~9.24GHz)



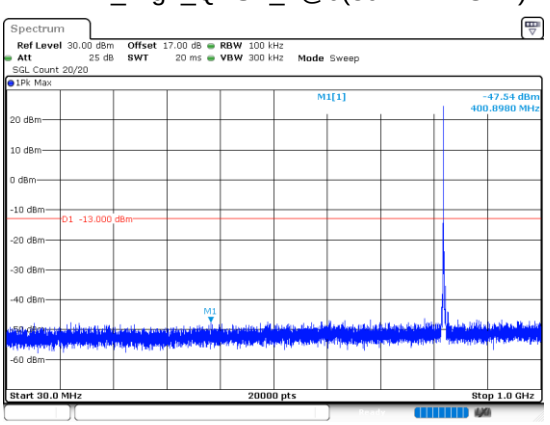
1.4MHz_Low_QPSK_6@0(30MHz~1GHz)



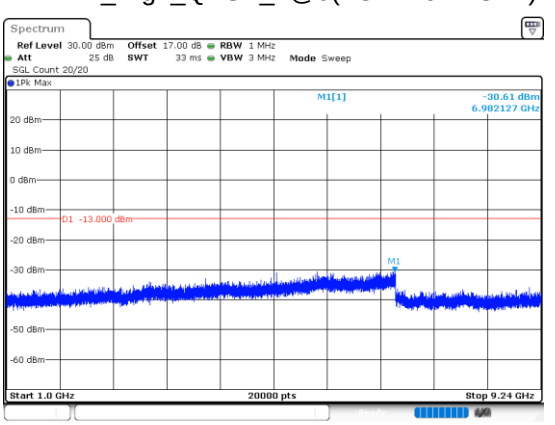
1.4MHz_Low_QPSK_6@0(1GHz~9.24GHz)



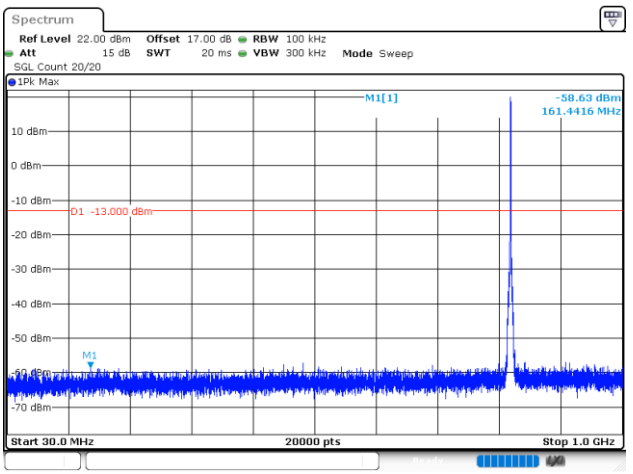
1.4MHz_High_QPSK_1@0(30MHz~1GHz)



1.4MHz_High_QPSK_1@0(1GHz~9.24GHz)

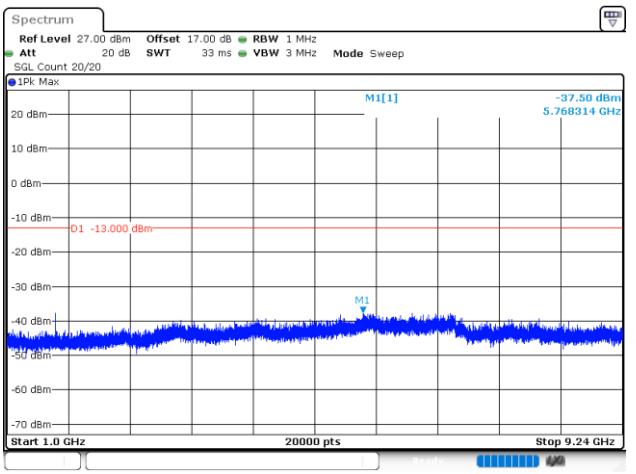


1.4MHz_High_QPSK_6@0(30MHz~1GHz)



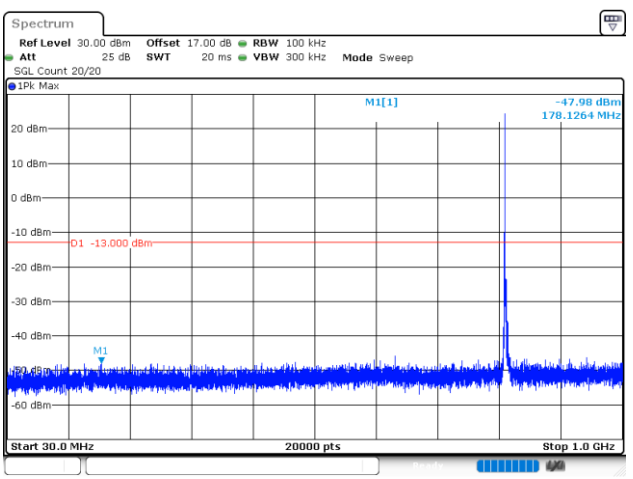
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:16:23

1.4MHz_High_QPSK_6@0(1GHz~9.24GHz)



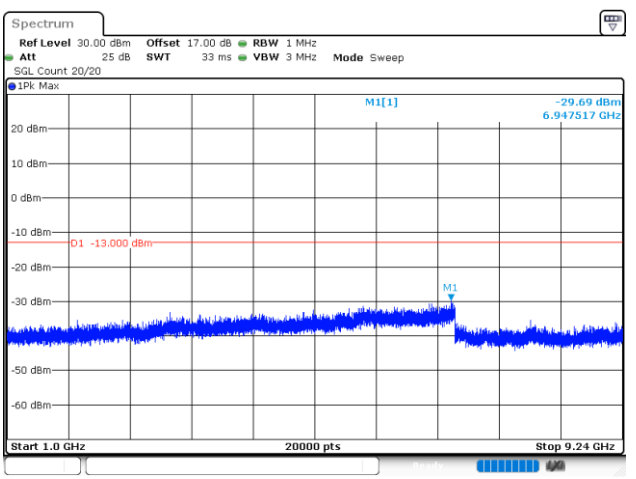
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:16:38

3MHz_Low_QPSK_1@0(30MHz~1GHz)



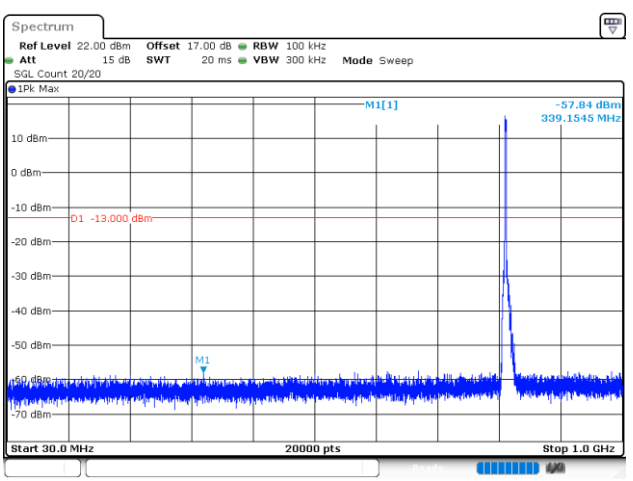
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:35:19

3MHz_Low_QPSK_1@0(1GHz~9.24GHz)



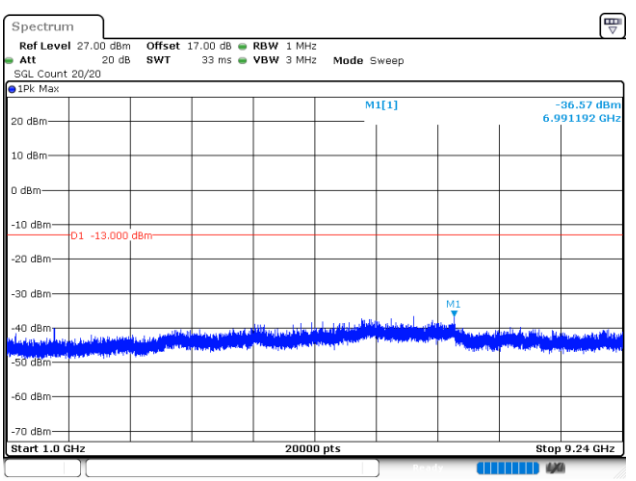
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:35:30

3MHz_Low_QPSK_15@0(30MHz~1GHz)



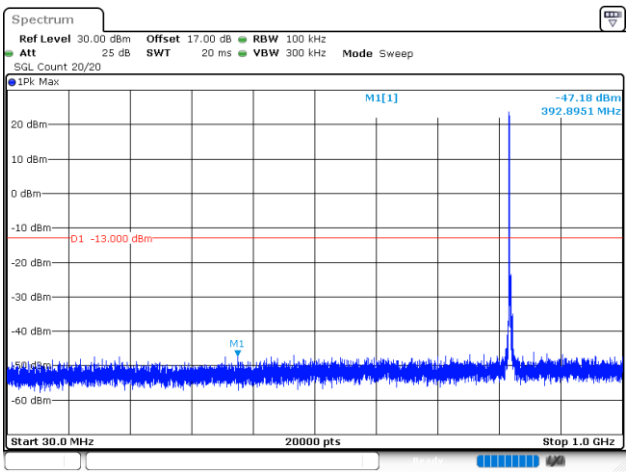
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:18:25

3MHz_Low_QPSK_15@0(1GHz~9.24GHz)



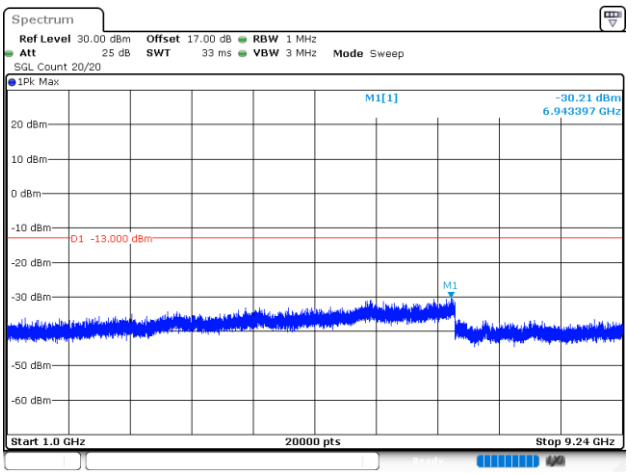
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:18:40

3MHz_High_QPSK_1@0(30MHz~1GHz)



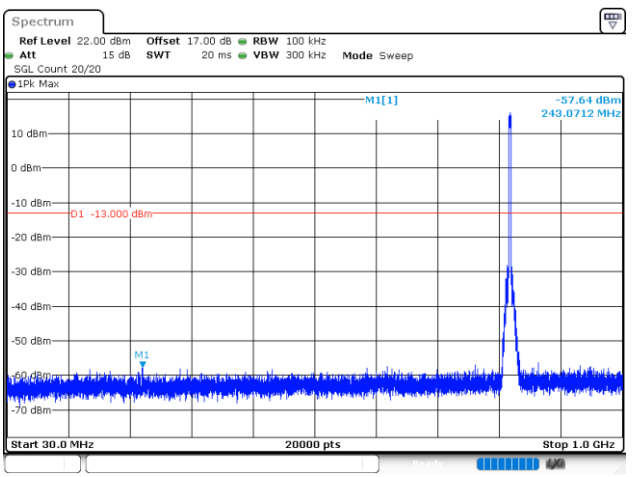
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:35:46

3MHz_High_QPSK_1@0(1GHz~9.24GHz)



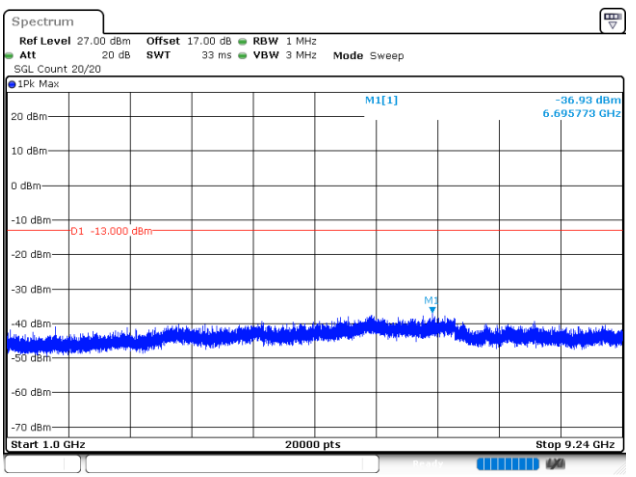
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:35:57

3MHz_High_QPSK_15@0(30MHz~1GHz)



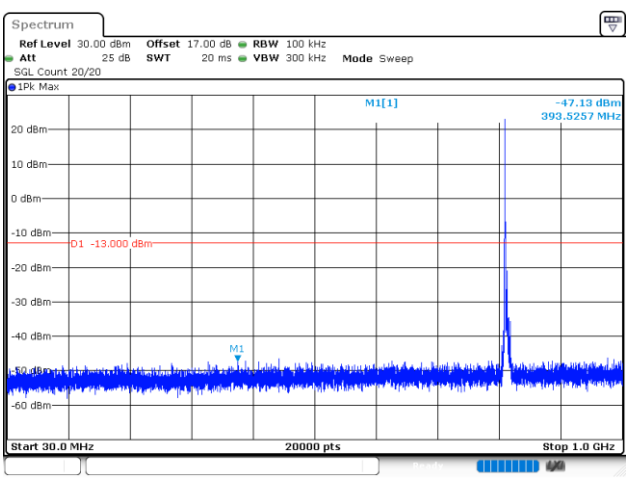
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:20:16

3MHz_High_QPSK_15@0(1GHz~9.24GHz)



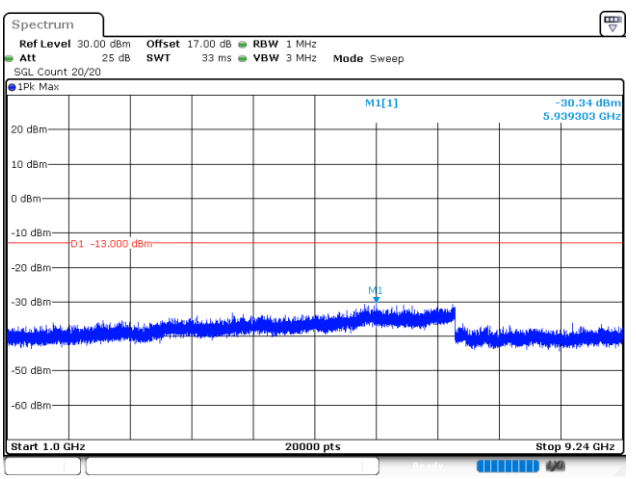
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:20:30

5MHz_Low_QPSK_1@0(30MHz~1GHz)



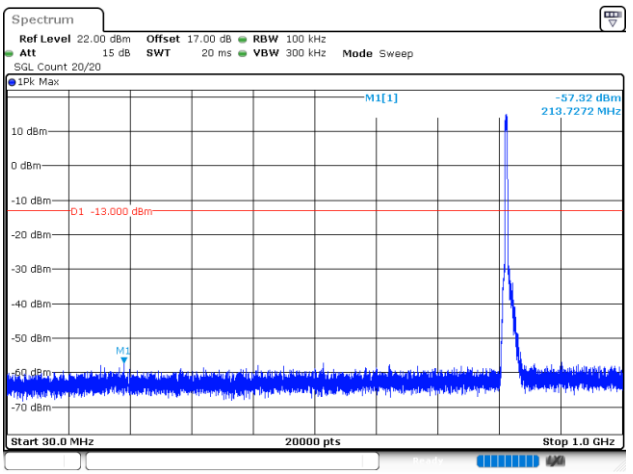
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:36:20

5MHz_Low_QPSK_1@0(1GHz~9.24GHz)



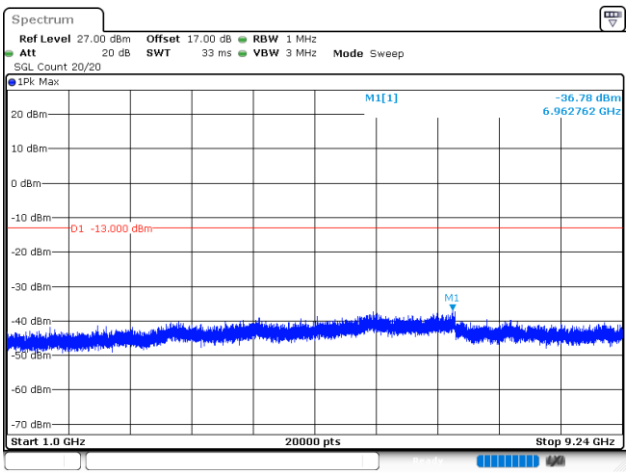
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:36:32

5MHz_Low_QPSK_25@0(30MHz~1GHz)



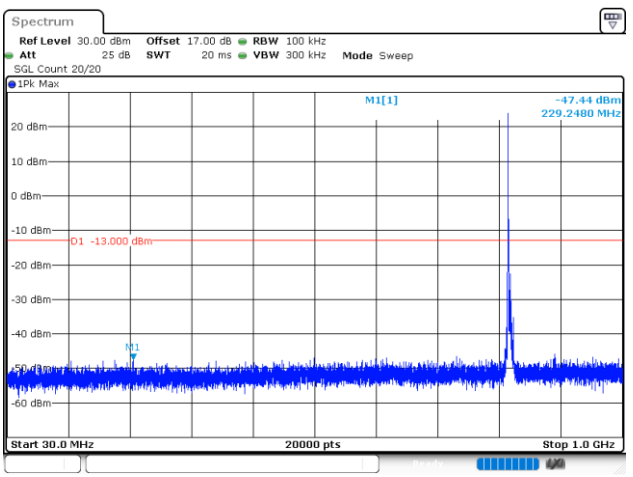
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:22:22

5MHz_Low_QPSK_25@0(1GHz~9.24GHz)



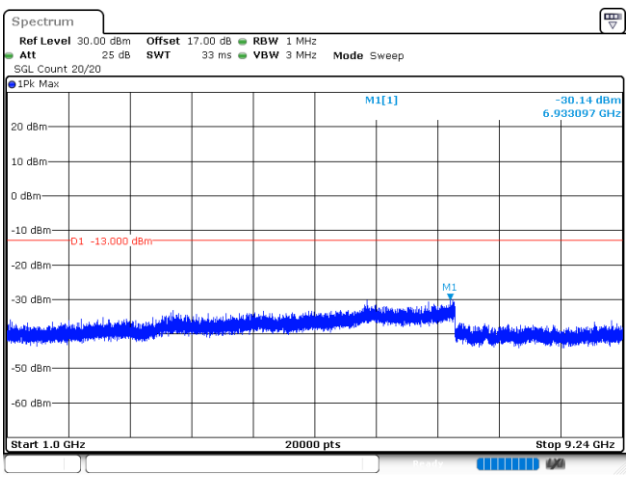
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:22:37

5MHz_High_QPSK_1@0(30MHz~1GHz)



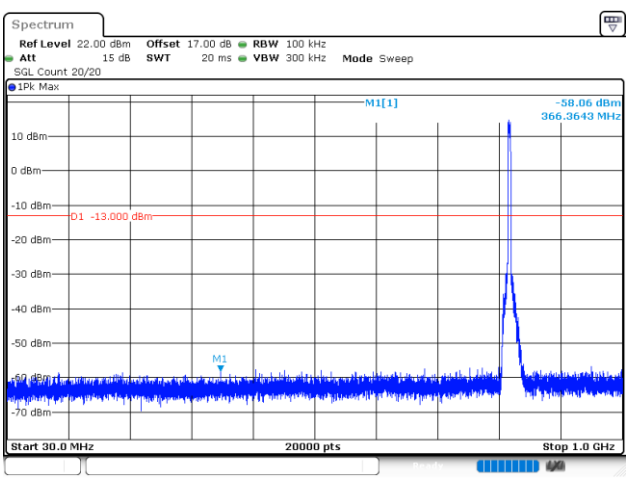
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:36:47

5MHz_High_QPSK_1@0(1GHz~9.24GHz)



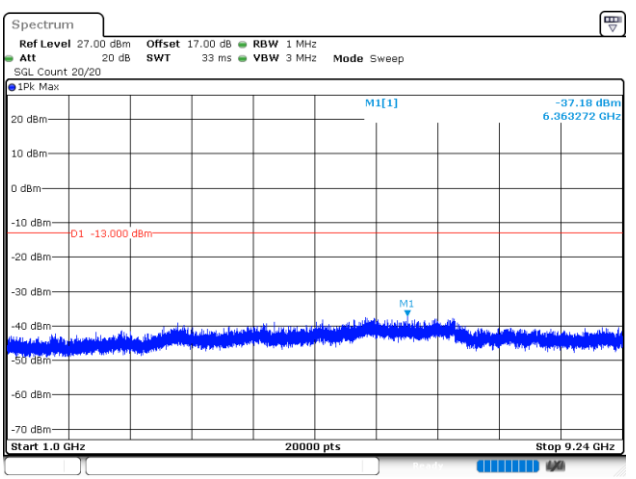
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:36:59

5MHz_High_QPSK_25@0(30MHz~1GHz)



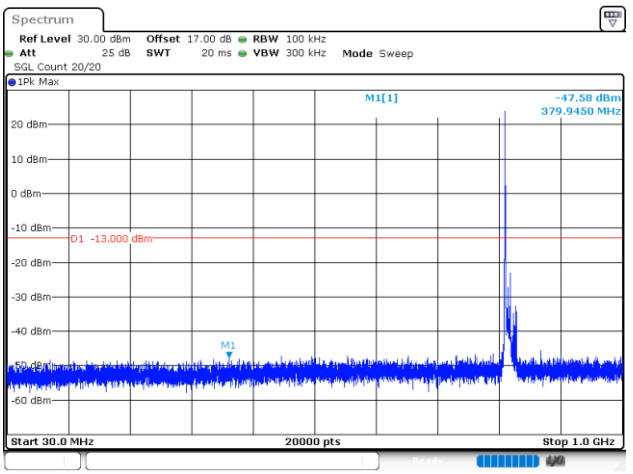
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:24:22

5MHz_High_QPSK_25@0(1GHz~9.24GHz)



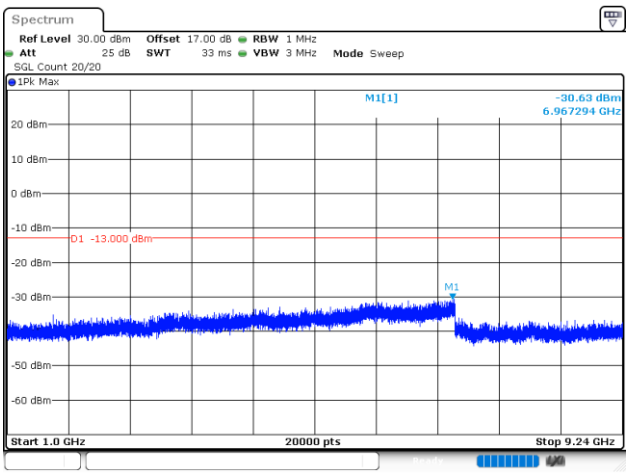
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:24:37

10MHz_Low_QPSK_1@0(30MHz~1GHz)



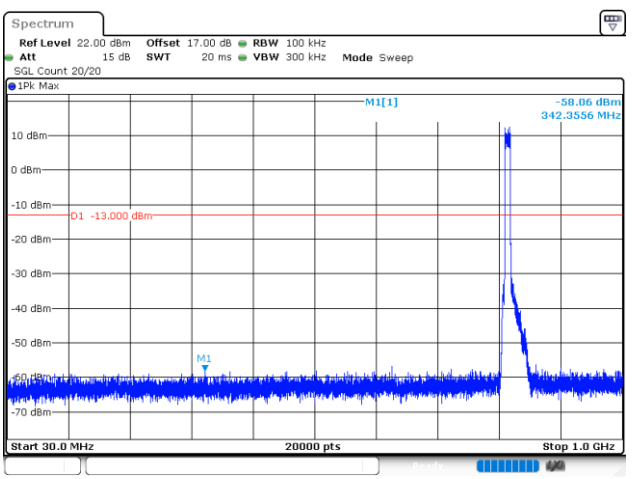
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:37:24

10MHz_Low_QPSK_1@0(1GHz~9.24GHz)



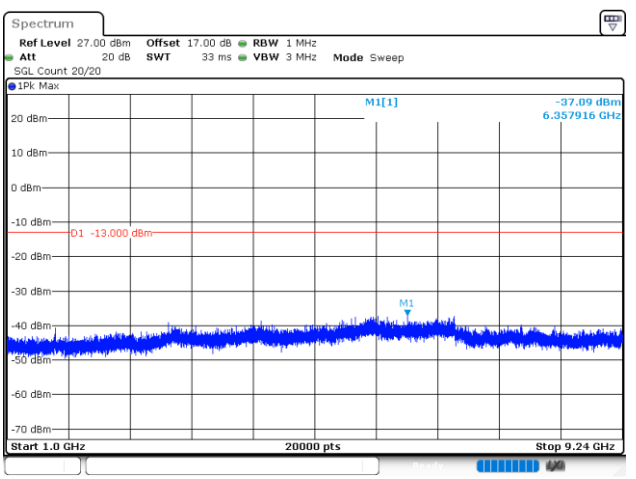
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:37:37

10MHz_Low_QPSK_50@0(30MHz~1GHz)



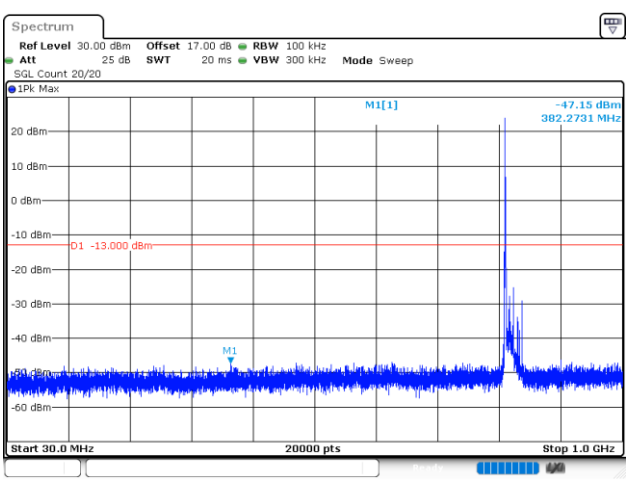
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:26:24

10MHz_Low_QPSK_50@0(1GHz~9.24GHz)



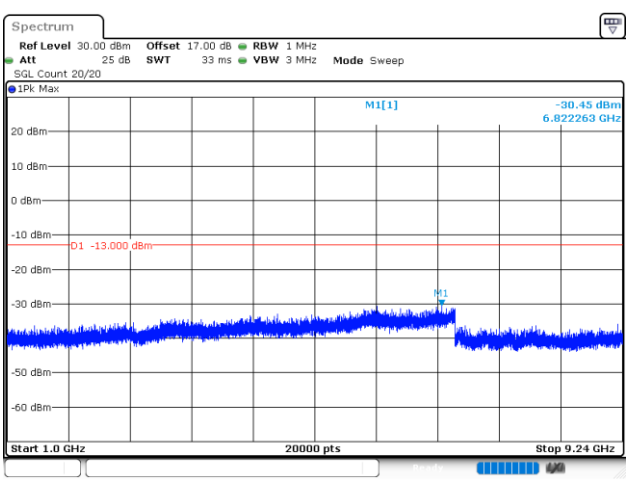
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 19:26:39

15MHz_Low_QPSK_1@0(30MHz~1GHz)



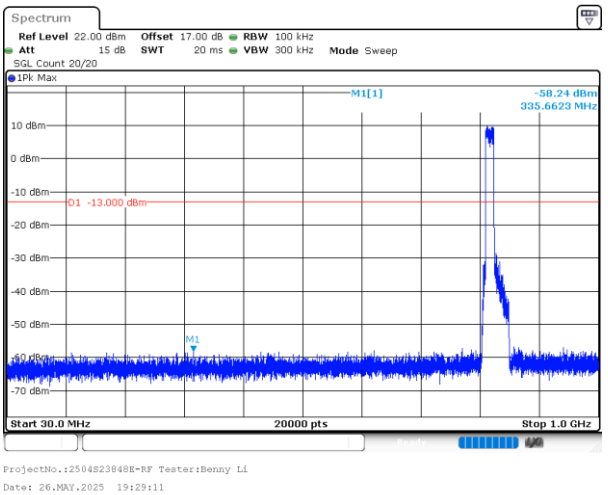
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:38:38

15MHz_Low_QPSK_1@0(1GHz~9.24GHz)

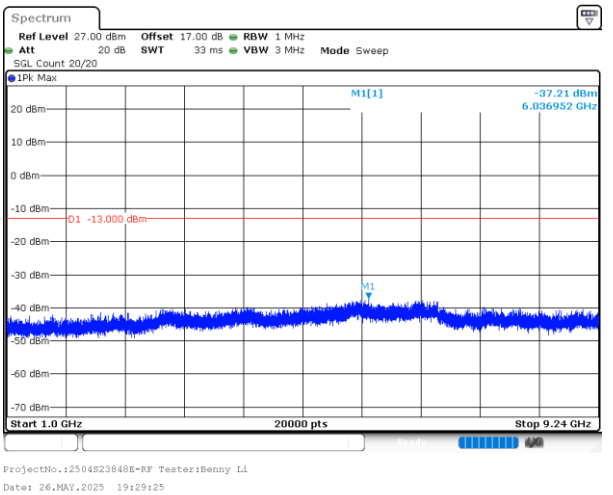


ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:38:50

15MHz_Low_QPSK_75@0(30MHz~1GHz)



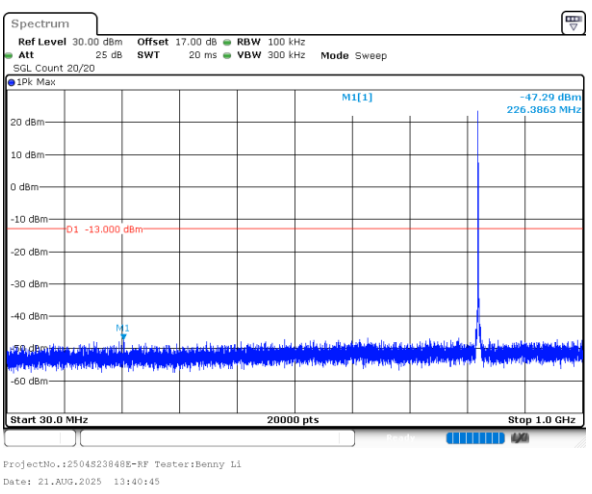
15MHz_Low_QPSK_75@0(1GHz~9.24GHz)



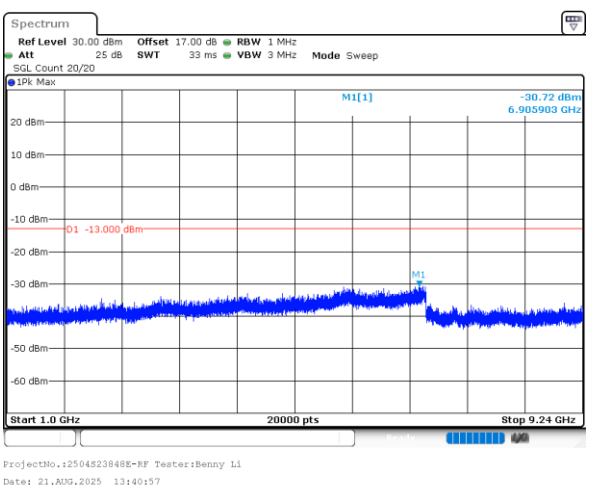
LTE B26_3, Normal

1RB was the worst case

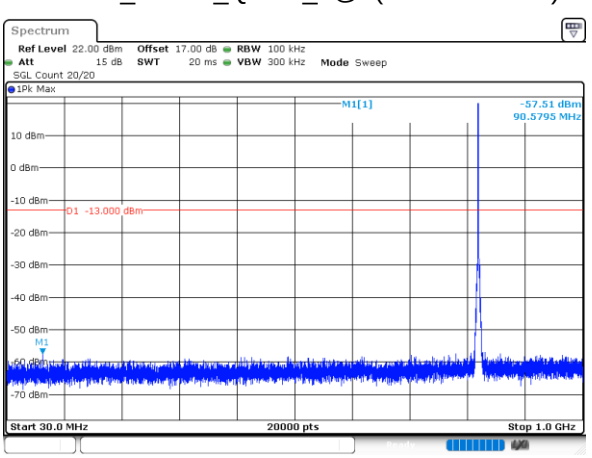
1.4MHz_Middle_QPSK_1@0(30MHz~1GHz)



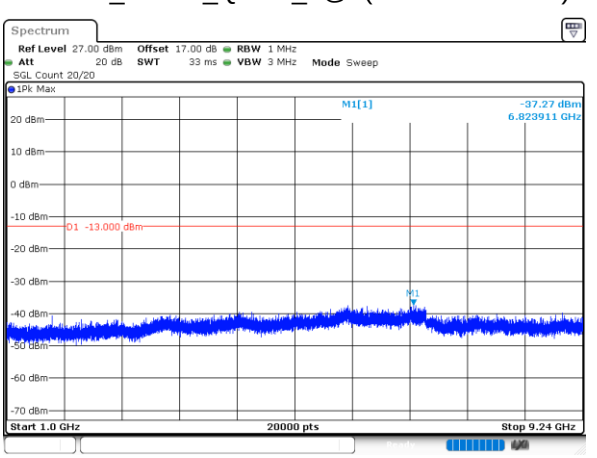
1.4MHz_Middle_QPSK_1@0(1GHz~9.24GHz)



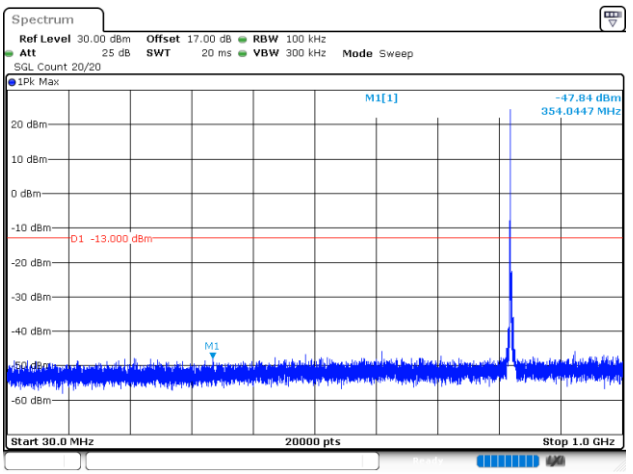
1.4MHz_Middle_QPSK_6@0(30MHz~1GHz)



1.4MHz_Middle_QPSK_6@0(1GHz~9.24GHz)

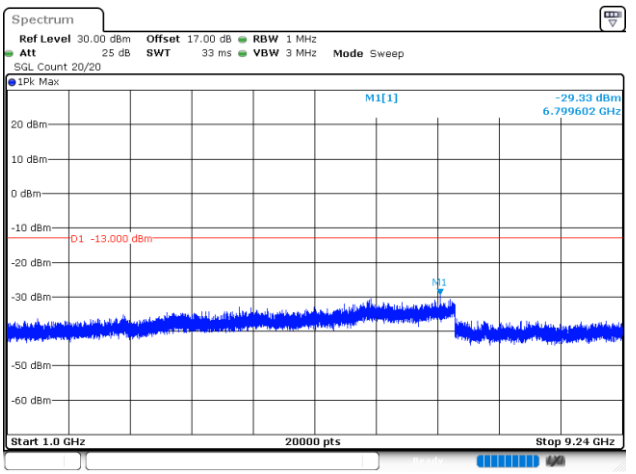


3MHz_Middle_QPSK_1@0(30MHz~1GHz)



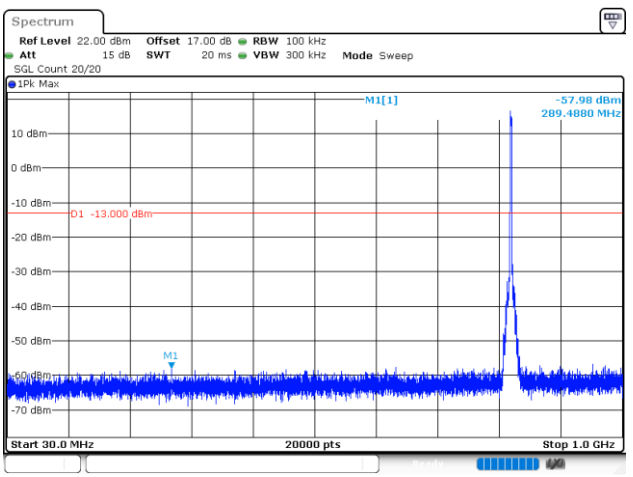
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:41:43

3MHz_Middle_QPSK_1@0(1GHz~9.24GHz)



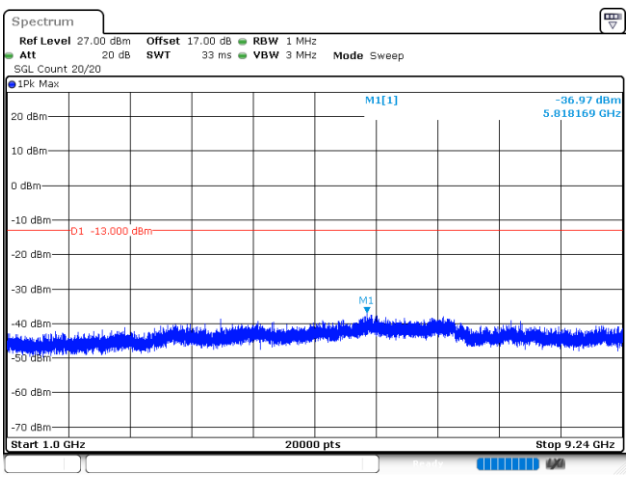
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:41:55

3MHz_Middle_QPSK_15@0(30MHz~1GHz)



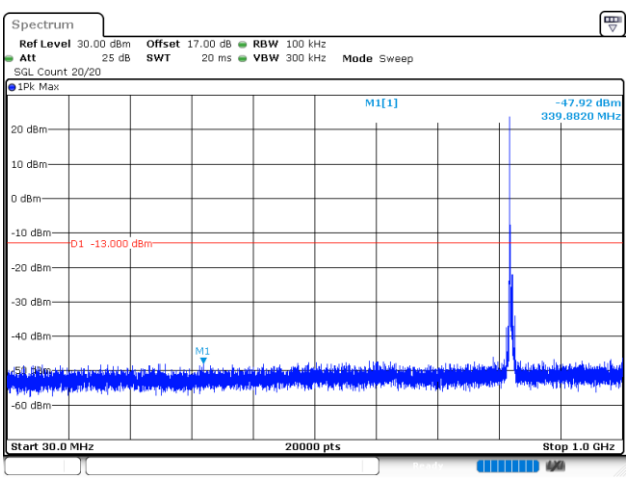
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 14:05:07

3MHz_Middle_QPSK_15@0(1GHz~9.24GHz)



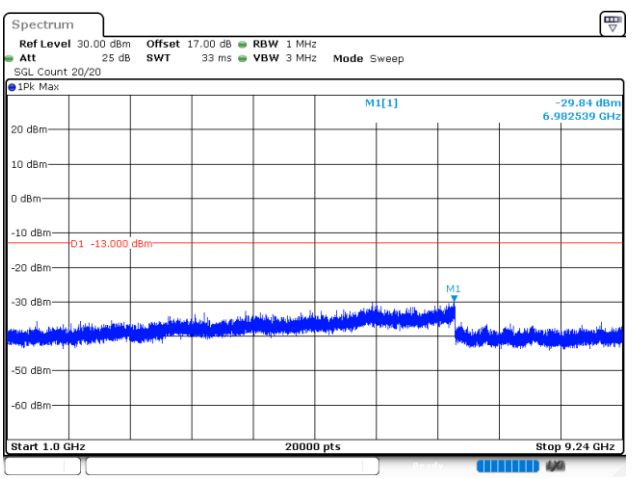
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 14:05:14

5MHz_Middle_QPSK_1@0(30MHz~1GHz)



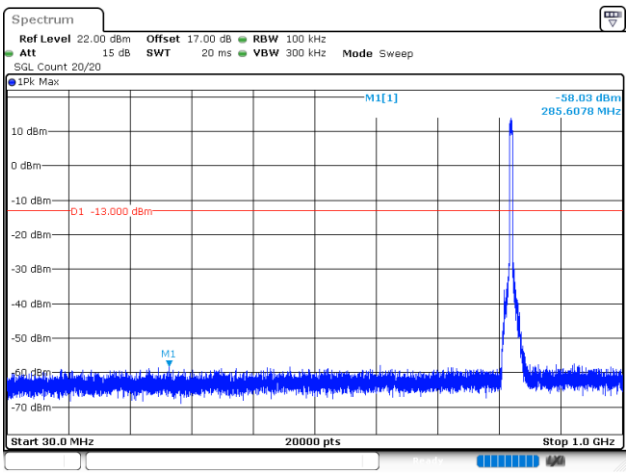
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:42:38

5MHz_Middle_QPSK_1@0(1GHz~9.24GHz)

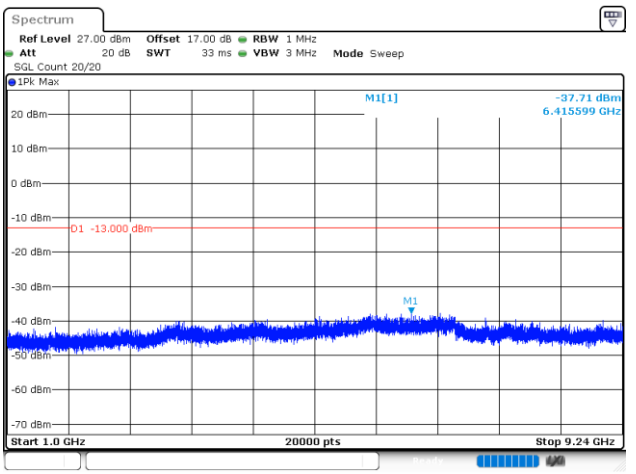


ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:42:50

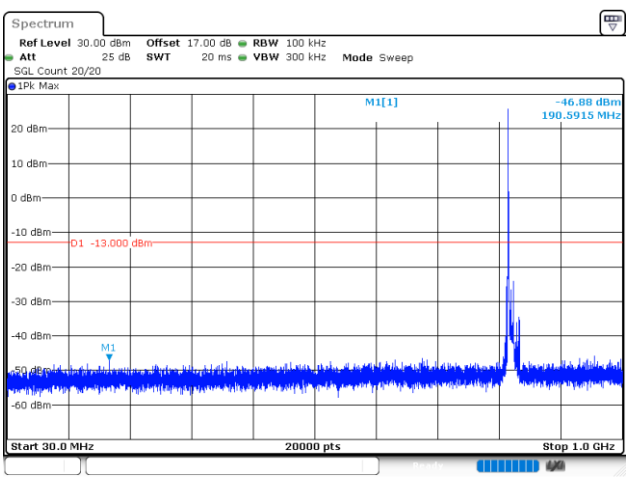
5MHz_Middle_QPSK_25@0(30MHz~1GHz)



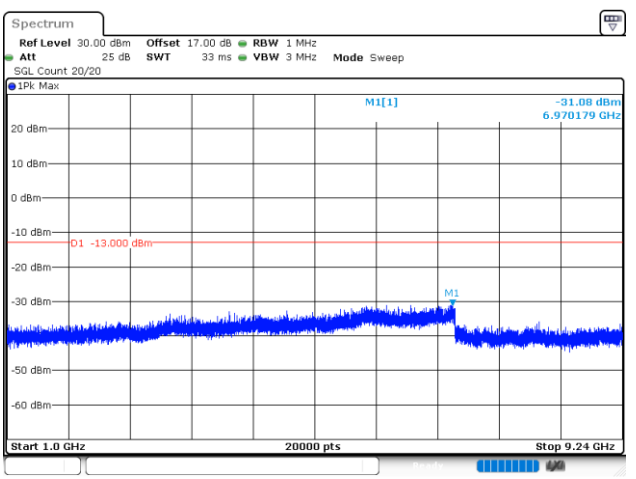
5MHz_Middle_QPSK_25@0(1GHz~9.24GHz)



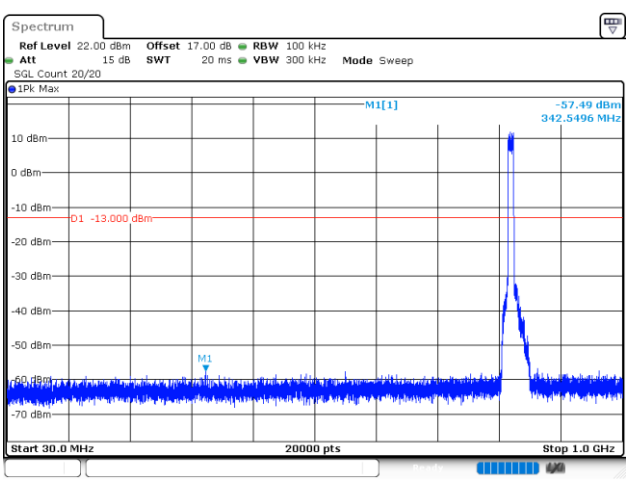
10MHz_Middle_QPSK_1@0(30MHz~1GHz)



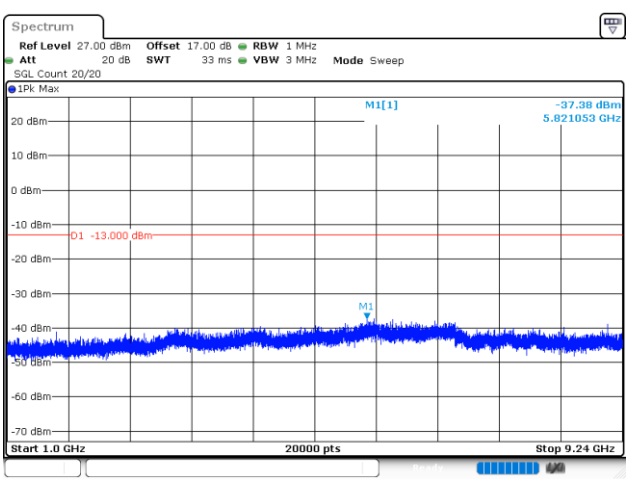
10MHz_Middle_QPSK_1@0(1GHz~9.24GHz)



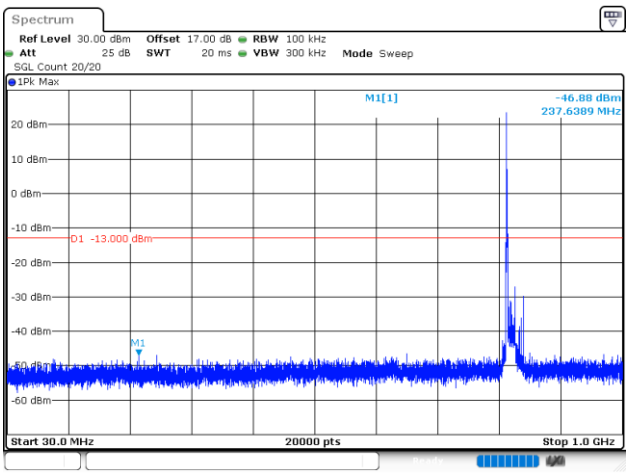
10MHz_Middle_QPSK_50@0(30MHz~1GHz)



10MHz_Middle_QPSK_50@0(1GHz~9.24GHz)

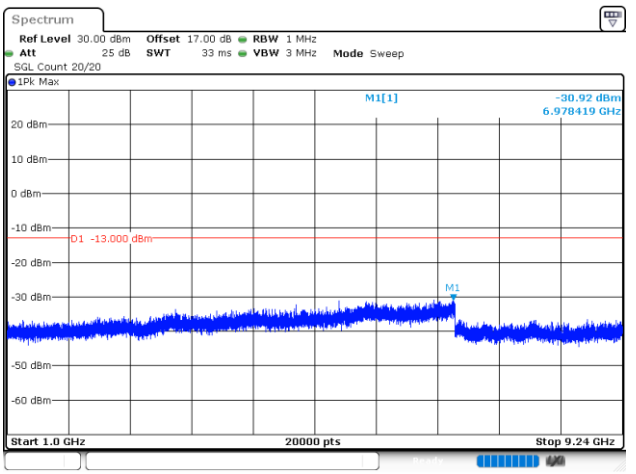


15MHz_Middle_QPSK_1@0(30MHz~1GHz)



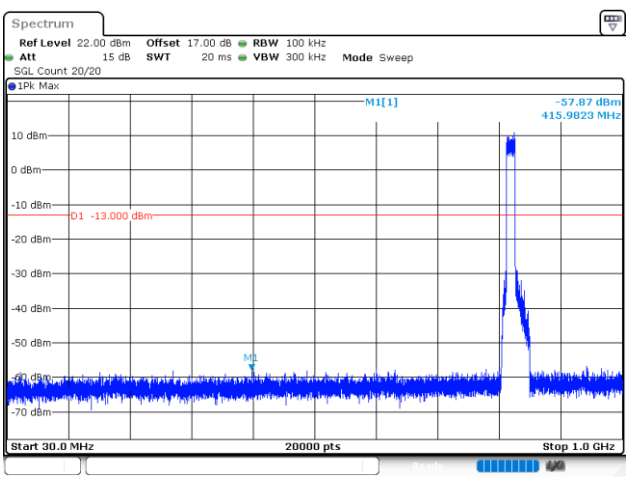
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:44:28

15MHz_Middle_QPSK_1@0(1GHz~9.24GHz)



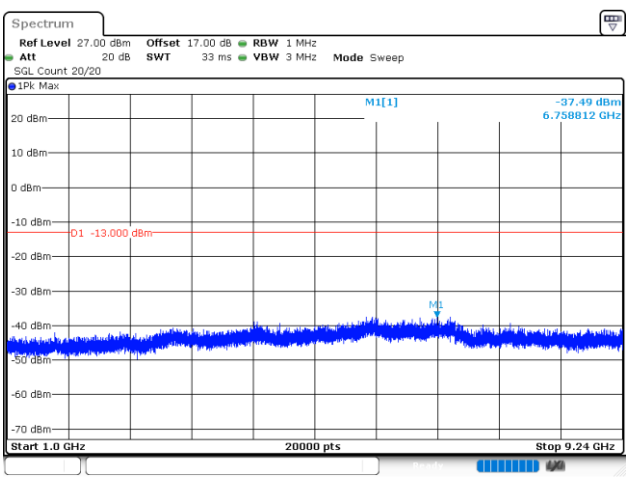
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 21.AUG.2025 13:44:40

15MHz_Middle_QPSK_75@0(30MHz~1GHz)



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 14:10:28

15MHz_Middle_QPSK_75@0(1GHz~9.24GHz)



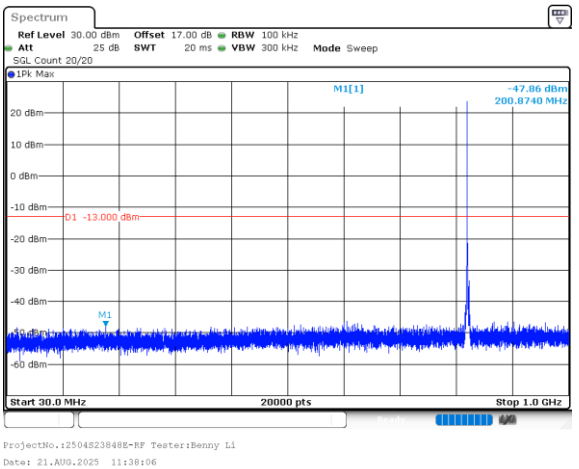
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 2.JUN.2025 14:10:35

FCC Part 22H

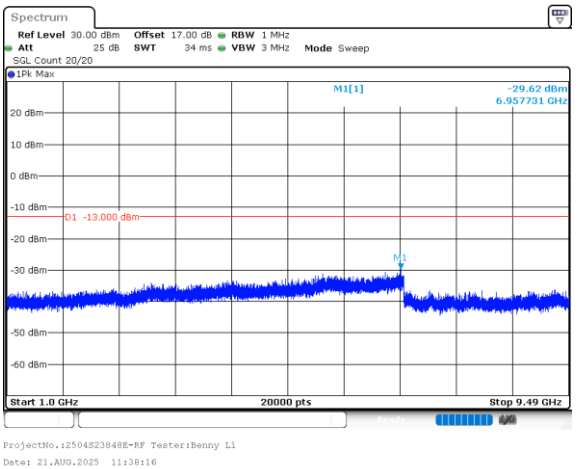
LTE Band 5, Normal

1RB was the worst case

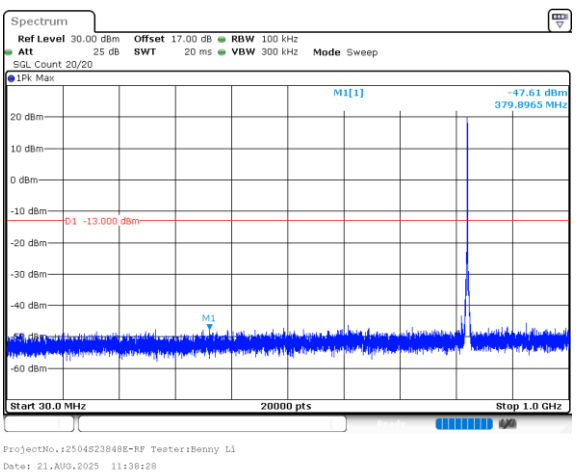
1.4MHz_Low_QPSK_1@0(30MHz~1GHz)



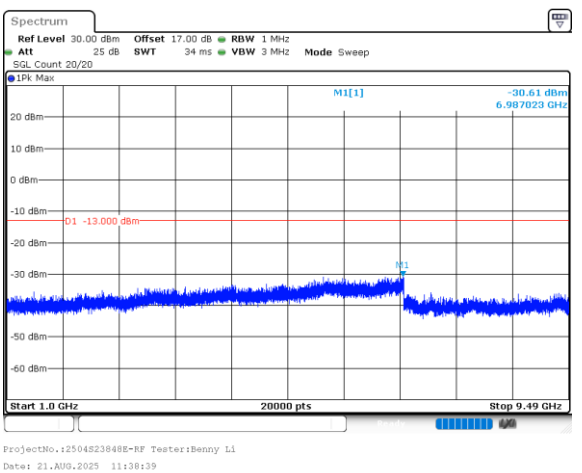
1.4MHz_Low_QPSK_1@0(1GHz~9.49GHz)



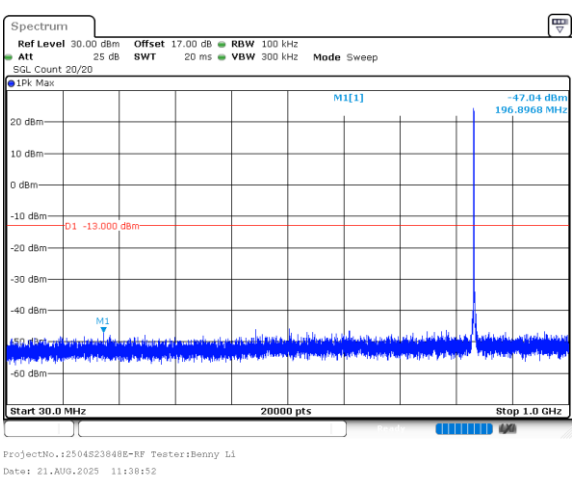
1.4MHz_Low_QPSK_6@0(30MHz~1GHz)



1.4MHz_Low_QPSK_6@0(1GHz~9.49GHz)



1.4MHz_Middle_QPSK_1@0(30MHz~1GHz)



1.4MHz_Middle_QPSK_1@0(1GHz~9.49GHz)