

B12 , Normal

Mode	99% OBW (MHz)	26dB EBW (MHz)
1.4MHz_Low_16QAM_6@0	1.077	1.273
1.4MHz_Low_QPSK_6@0	1.084	1.266
1.4MHz_Middle_16QAM_6@0	1.084	1.266
1.4MHz_Middle_QPSK_6@0	1.073	1.234
1.4MHz_High_16QAM_6@0	1.080	1.234
1.4MHz_High_QPSK_6@0	1.073	1.231
3MHz_Low_16QAM_15@0	2.682	2.877
3MHz_Low_QPSK_15@0	2.675	2.832
3MHz_Middle_16QAM_15@0	2.675	2.862
3MHz_Middle_QPSK_15@0	2.675	2.832
3MHz_High_16QAM_15@0	2.675	2.870
3MHz_High_QPSK_15@0	2.675	2.855
5MHz_Low_16QAM_25@0	4.458	4.770
5MHz_Low_QPSK_25@0	4.471	4.870
5MHz_Middle_16QAM_25@0	4.496	5.057
5MHz_Middle_QPSK_25@0	4.471	4.908
5MHz_High_16QAM_25@0	4.483	4.933
5MHz_High_QPSK_25@0	4.458	4.820
10MHz_Low_QPSK_50@0	8.916	9.665
10MHz_Middle_QPSK_50@0	8.966	9.665
10MHz_High_QPSK_50@0	8.966	9.715
10MHz_Low_16QAM_27@0	4.848	5.427
10MHz_Low_16QAM_27@23	4.848	5.427
10MHz_Middle_16QAM_27@0	4.920	5.463
10MHz_Middle_16QAM_27@23	4.884	5.391
10MHz_High_16QAM_27@0	4.920	5.282
10MHz_High_16QAM_27@23	4.884	5.499

B17 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_Low_16QAM_25@0	4.471	5.020
5MHz_Low_QPSK_25@0	4.471	4.920
5MHz_Middle_16QAM_25@0	4.483	4.895
5MHz_Middle_QPSK_25@0	4.471	4.870
5MHz_High_16QAM_25@0	4.471	5.020
5MHz_High_QPSK_25@0	4.458	4.908
10MHz_Low_QPSK_50@0	8.966	9.690
10MHz_Middle_QPSK_50@0	8.941	9.665
10MHz_High_QPSK_50@0	8.966	9.640
10MHz_Low_16QAM_27@0	4.848	5.463
10MHz_Low_16QAM_27@23	4.884	5.318
10MHz_Middle_16QAM_27@0	4.884	5.427
10MHz_Middle_16QAM_27@23	4.884	5.282
10MHz_High_16QAM_27@0	4.848	5.246
10MHz_High_16QAM_27@23	4.848	5.246

B4 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
1.4MHz_Low_16QAM_6@0	1.080	1.241
1.4MHz_Low_QPSK_6@0	1.080	1.283
1.4MHz_Middle_16QAM_6@0	1.084	1.262
1.4MHz_Middle_QPSK_6@0	1.077	1.220
1.4MHz_High_16QAM_6@0	1.094	1.259
1.4MHz_High_QPSK_6@0	1.073	1.231
3MHz_Low_16QAM_15@0	2.682	2.870
3MHz_Low_QPSK_15@0	2.682	2.840
3MHz_Middle_16QAM_15@0	2.682	2.862
3MHz_Middle_QPSK_15@0	2.675	2.855
3MHz_High_16QAM_15@0	2.675	2.832
3MHz_High_QPSK_15@0	2.675	2.855
5MHz_Low_16QAM_25@0	4.483	4.870
5MHz_Low_QPSK_25@0	4.458	4.883
5MHz_Middle_16QAM_25@0	4.471	4.933
5MHz_Middle_QPSK_25@0	4.471	4.895
5MHz_High_16QAM_25@0	4.471	4.933
5MHz_High_QPSK_25@0	4.483	4.920
10MHz_Low_QPSK_50@0	8.941	9.565
10MHz_Middle_QPSK_50@0	8.941	9.715
10MHz_High_QPSK_50@0	8.966	9.665
10MHz_Low_16QAM_27@0	4.884	5.427
10MHz_Low_16QAM_27@23	4.848	5.282
10MHz_Middle_16QAM_27@0	4.848	5.318
10MHz_Middle_16QAM_27@23	4.848	5.427
10MHz_High_16QAM_27@0	4.848	5.499
10MHz_High_16QAM_27@23	4.848	5.463
15MHz_Low_QPSK_75@0	13.449	14.273
15MHz_Middle_QPSK_75@0	13.449	14.685
15MHz_High_QPSK_75@0	13.449	14.535
20MHz_Low_QPSK_100@0	17.882	19.031
20MHz_Middle_QPSK_100@0	17.932	18.781
20MHz_High_QPSK_100@0	17.832	19.131
15MHz_Low_16QAM_27@0	4.993	5.970
15MHz_Low_16QAM_27@48	5.101	5.970
15MHz_Middle_16QAM_27@0	5.047	5.807
15MHz_Middle_16QAM_27@48	5.047	5.644
15MHz_High_16QAM_27@0	5.101	5.807
15MHz_High_16QAM_27@48	5.047	5.753

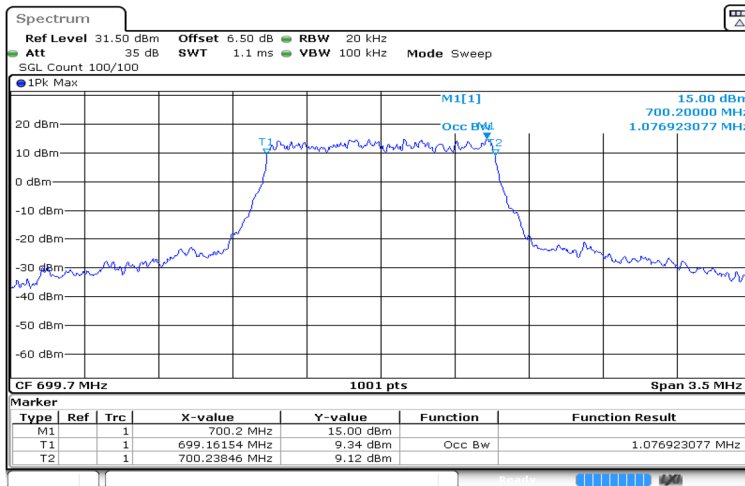
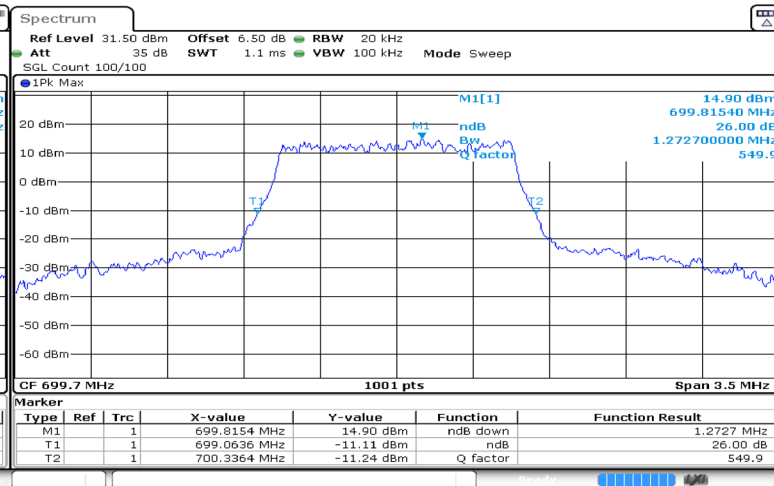
20MHz_Low_16QAM_27@0	5.137	5.933
20MHz_Low_16QAM_27@73	4.993	5.572
20MHz_Middle_16QAM_27@0	5.065	5.933
20MHz_Middle_16QAM_27@73	4.993	5.716
20MHz_High_16QAM_27@0	5.065	5.716
20MHz_High_16QAM_27@73	5.137	5.644

B12 , Normal

1.4MHz_Low_16QAM_6@0

99% Occupied Bandwidth 1.077 MHz

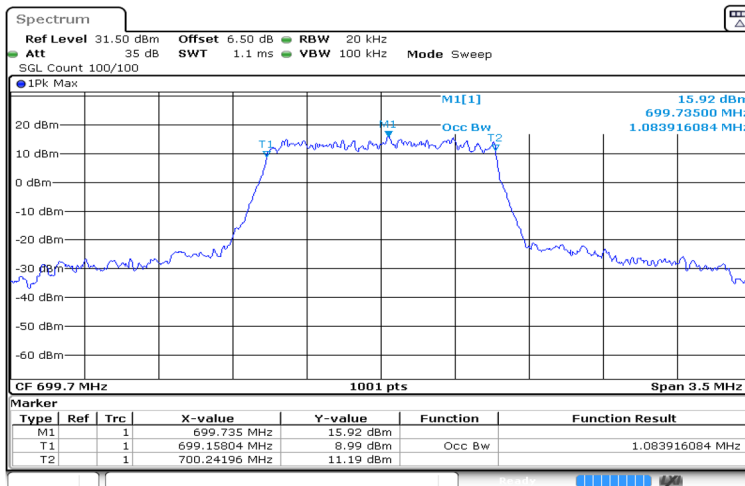
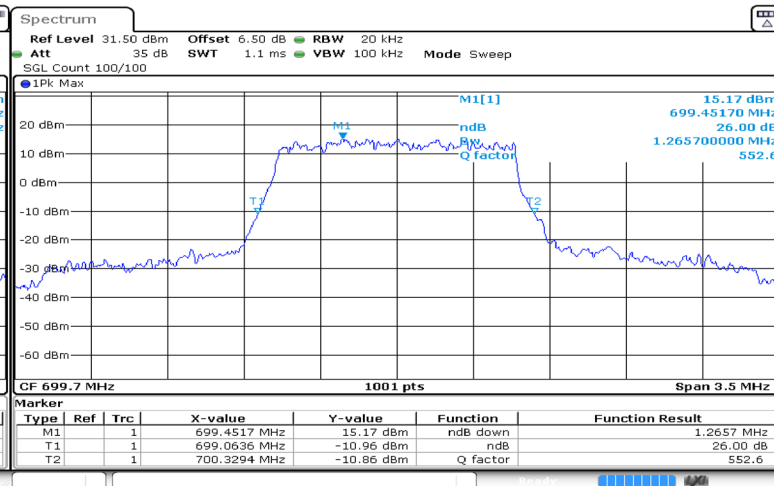
26dB Bandwidth 1.273MHz

ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9 MAY. 2024 21:05:22ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9 MAY. 2024 21:05:26

1.4MHz_Low_QPSK_6@0

99% Occupied Bandwidth 1.084 MHz

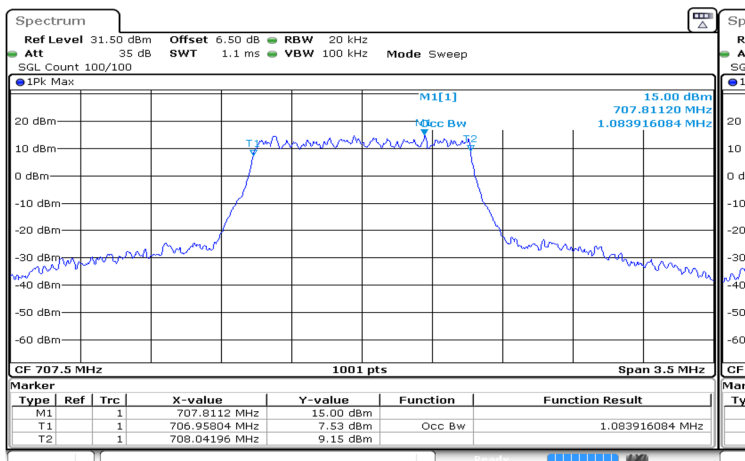
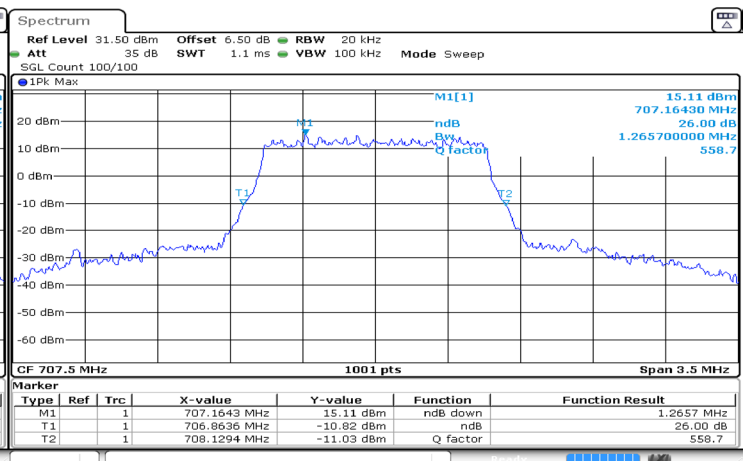
26dB Bandwidth 1.266MHz

ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9 MAY. 2024 21:05:04ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9 MAY. 2024 21:05:08

1.4MHz_Mid_16QAM_6@0

99% Occupied Bandwidth 1.084 MHz

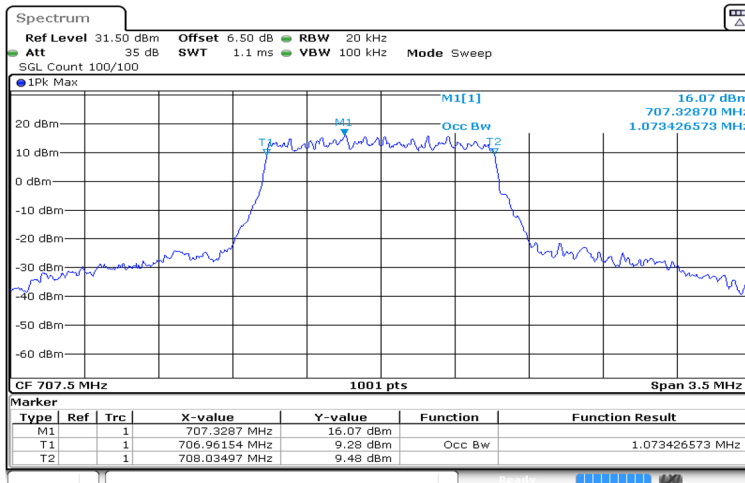
26dB Bandwidth 1.266MHz

ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9 MAY. 2024 21:05:58ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9 MAY. 2024 21:06:02

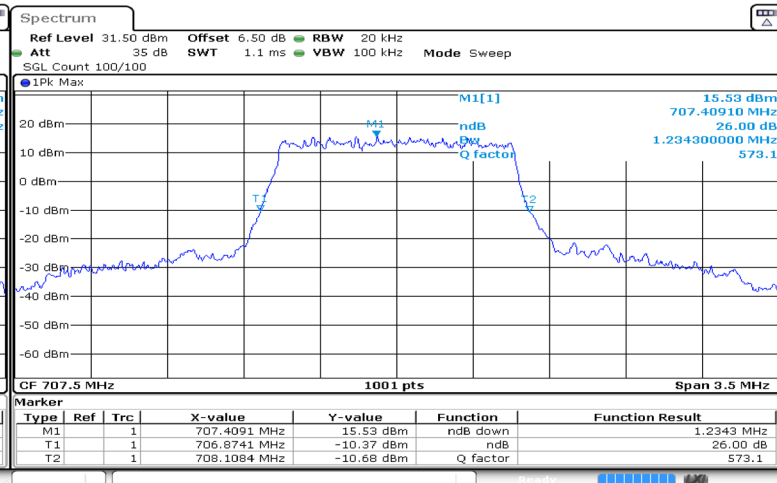
1.4MHz_Mid_QPSK_6@0

99% Occupied Bandwidth 1.073 MHz

26dB Bandwidth 1.234MHz



ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:05:40

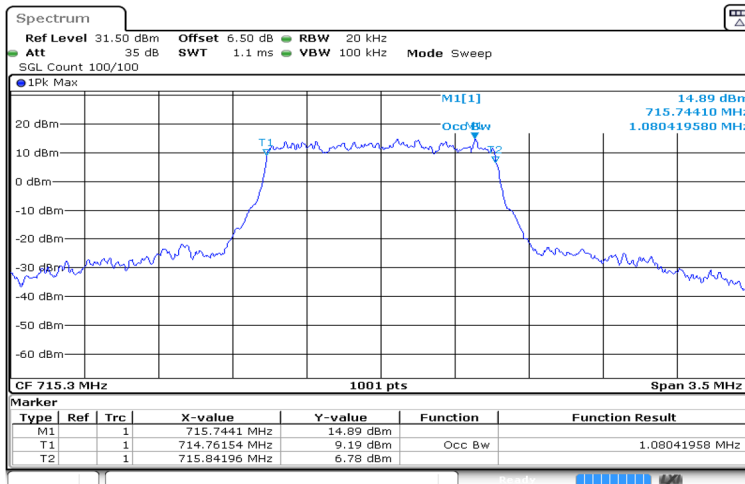


ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:05:44

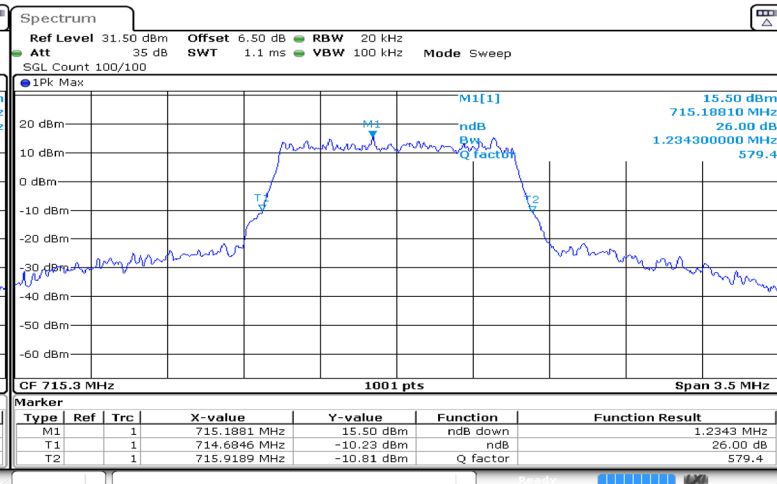
1.4MHz_High_16QAM_6@0

99% Occupied Bandwidth 1.080 MHz

26dB Bandwidth 1.234MHz



ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:06:33

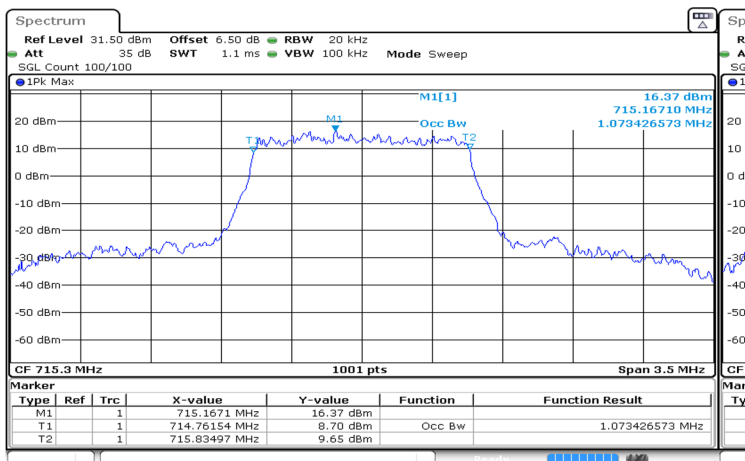


ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:06:38

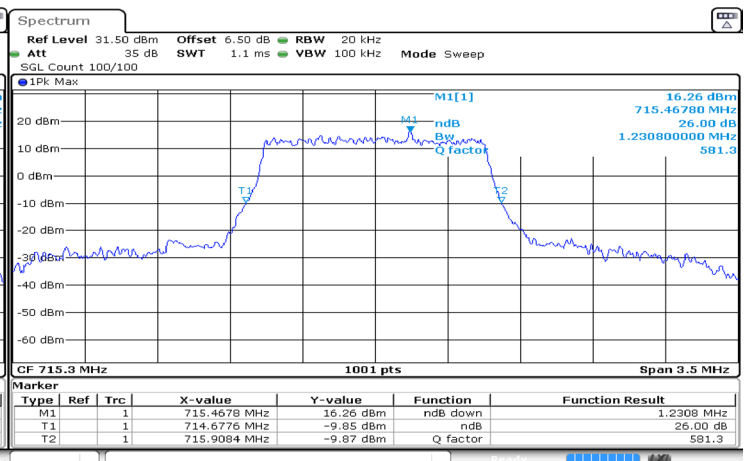
1.4MHz_High_QPSK_6@0

99% Occupied Bandwidth 1.073 MHz

26dB Bandwidth 1.231MHz



ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:06:16

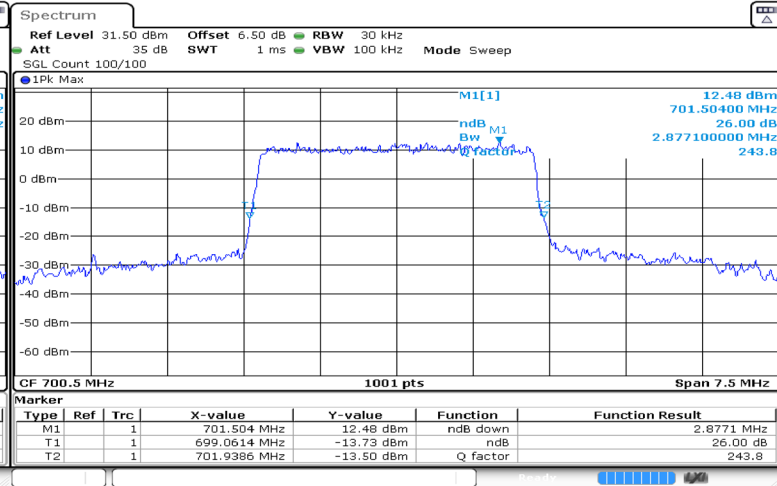
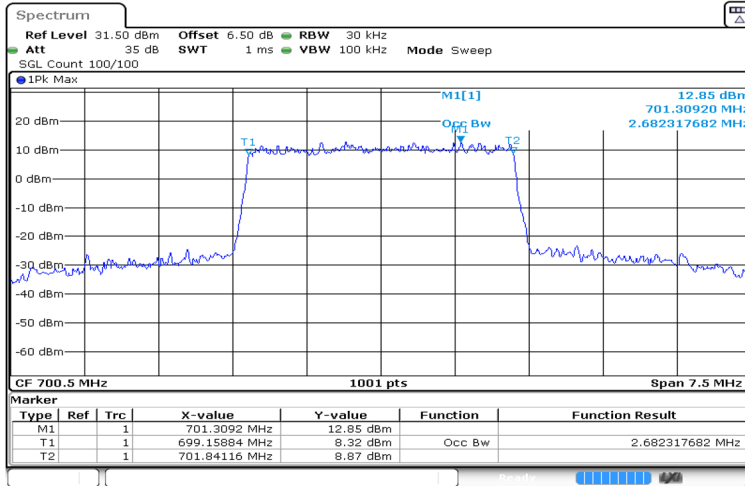


ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:06:20

3MHz_Low_16QAM_15@0

99% Occupied Bandwidth 2.682 MHz

26dB Bandwidth 2.877MHz



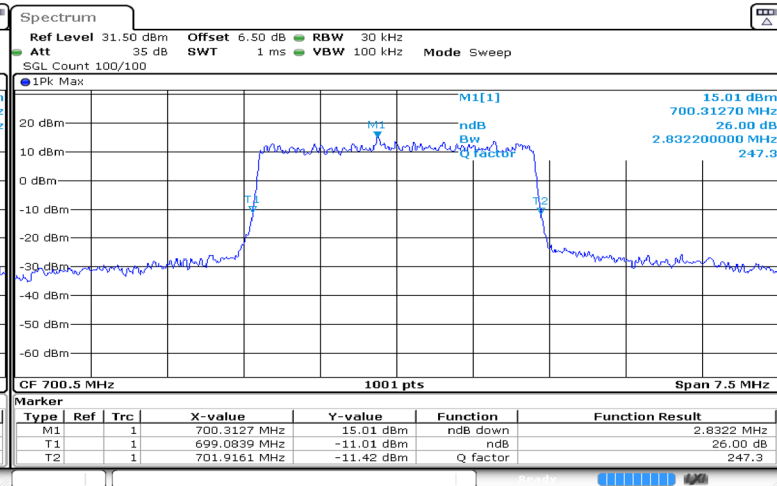
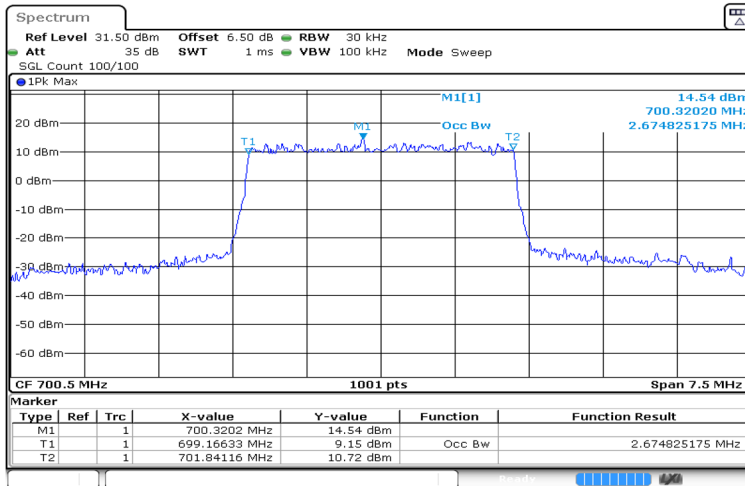
ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:08:26

ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:08:30

3MHz_Low_QPSK_15@0

99% Occupied Bandwidth 2.675 MHz

26dB Bandwidth 2.832MHz



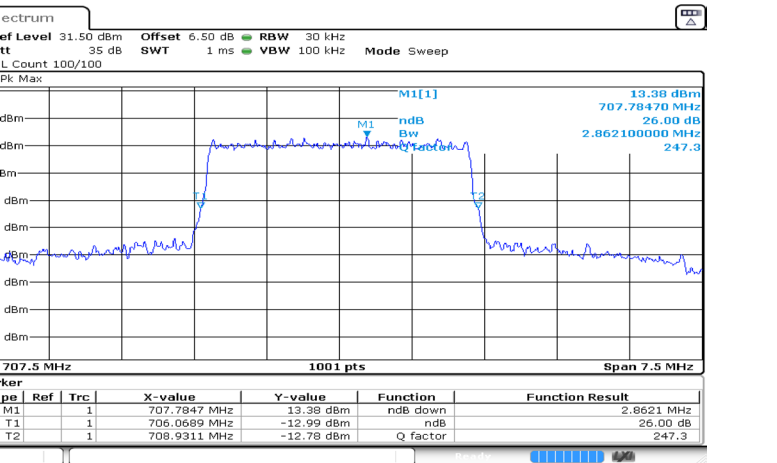
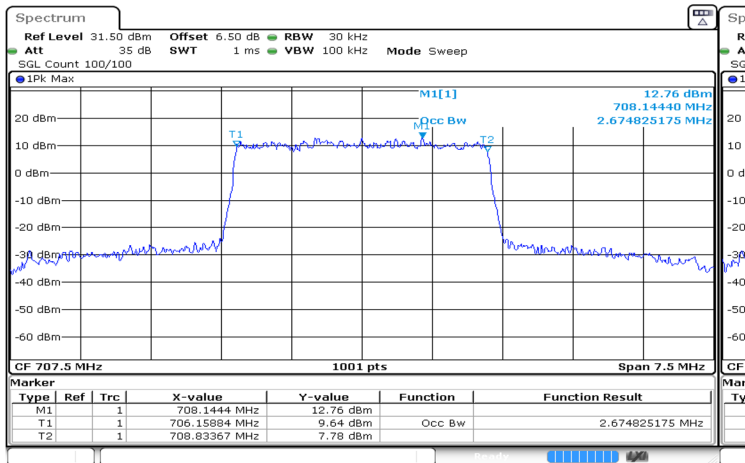
ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:08:07

ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:08:12

3MHz_Mid_16QAM_15@0

99% Occupied Bandwidth 2.675 MHz

26dB Bandwidth 2.862MHz



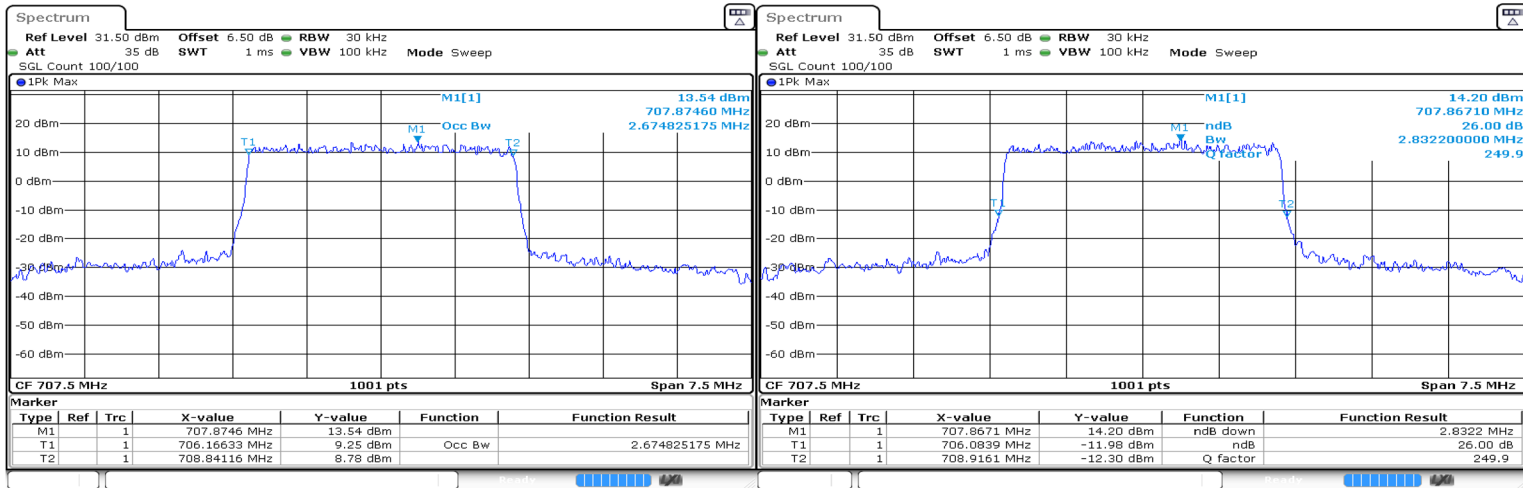
ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:09:03

ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:09:08

3MHz_Mid_QPSK_15@0

99% Occupied Bandwidth 2.675 MHz

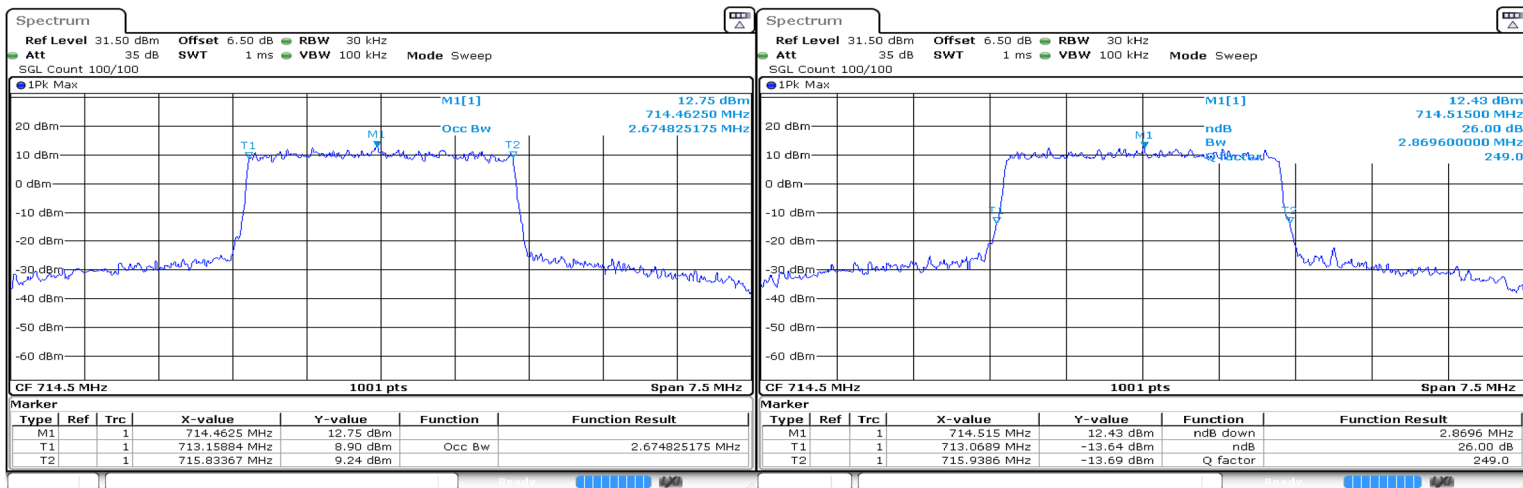
26dB Bandwidth 2.832MHz



3MHz_High_16QAM_15@0

99% Occupied Bandwidth 2.675 MHz

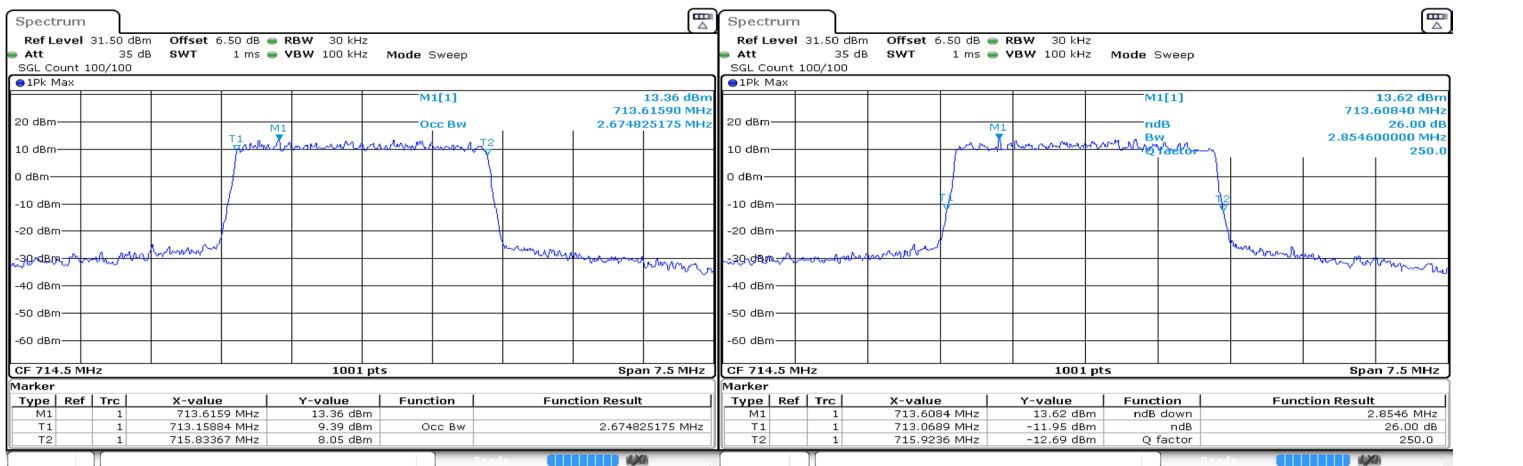
26dB Bandwidth 2.870MHz



3MHz_High_QPSK_15@0

99% Occupied Bandwidth 2.675 MHz

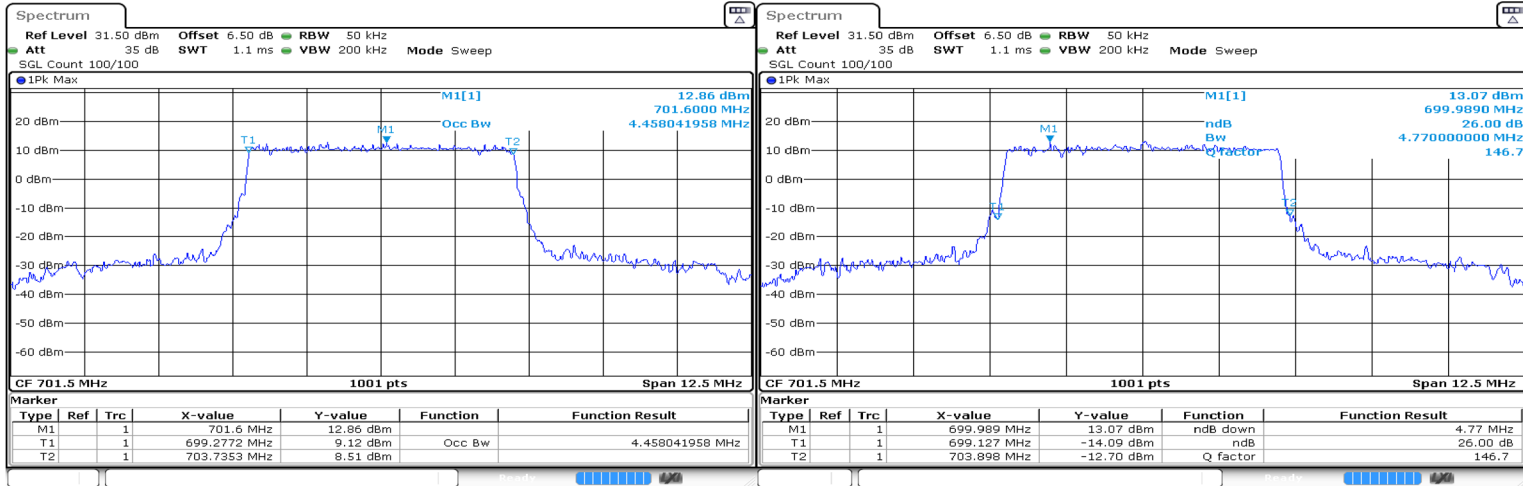
26dB Bandwidth 2.855MHz



5MHz_Low_16QAM_25@0

99% Occupied Bandwidth 4.458 MHz

26dB Bandwidth 4.770MHz



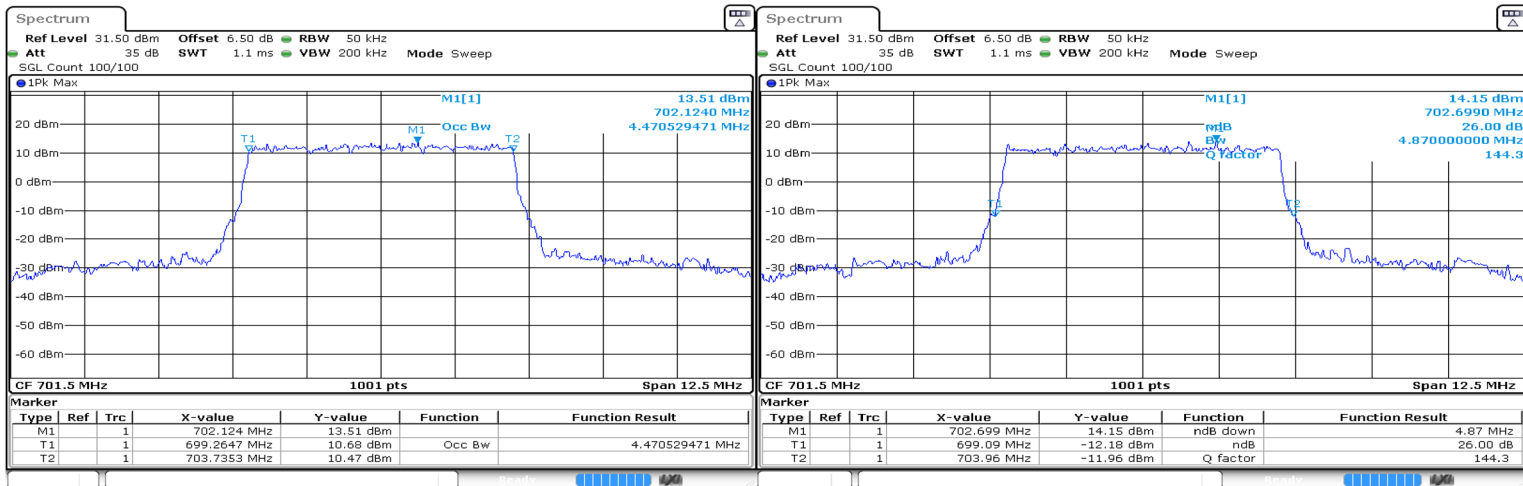
ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:12:06

ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:12:11

5MHz_Low_QPSK_25@0

99% Occupied Bandwidth 4.471 MHz

26dB Bandwidth 4.870MHz



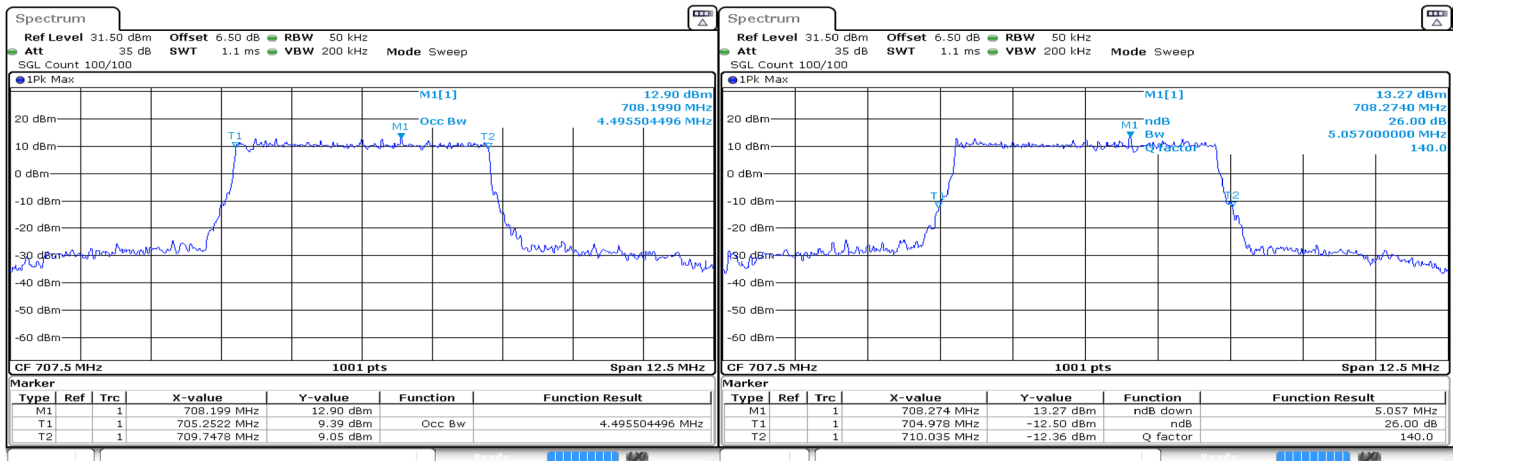
ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:11:45

ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:11:51

5MHz_Mid_16QAM_25@0

99% Occupied Bandwidth 4.496 MHz

26dB Bandwidth 5.057MHz



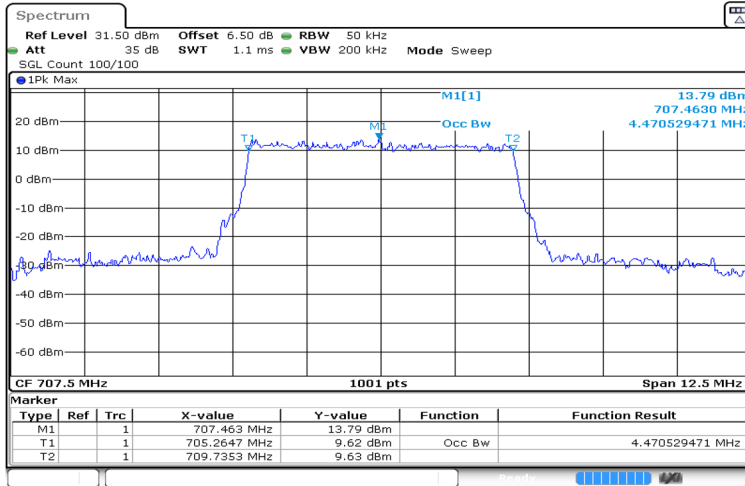
ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:12:46

ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:12:51

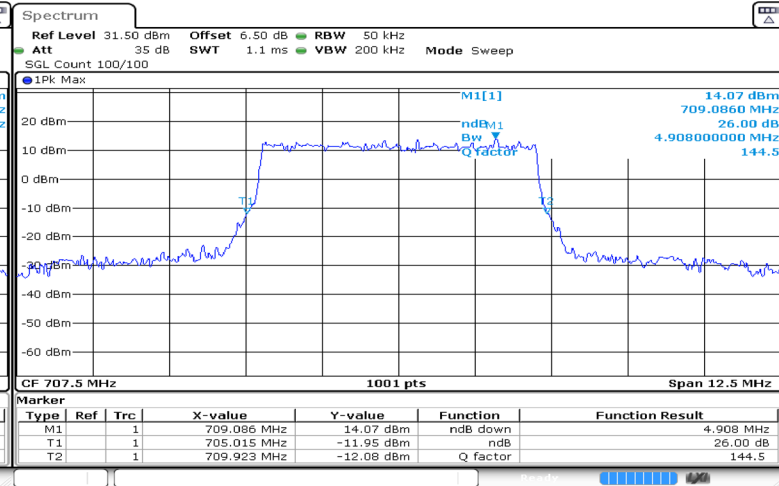
5MHz_Mid_QPSK_25@0

99% Occupied Bandwidth 4.471 MHz

26dB Bandwidth 4.908MHz



ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:12:26

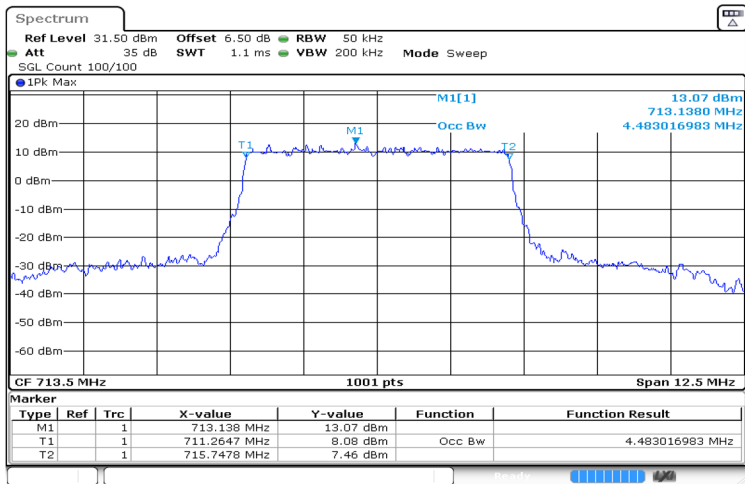


ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:12:31

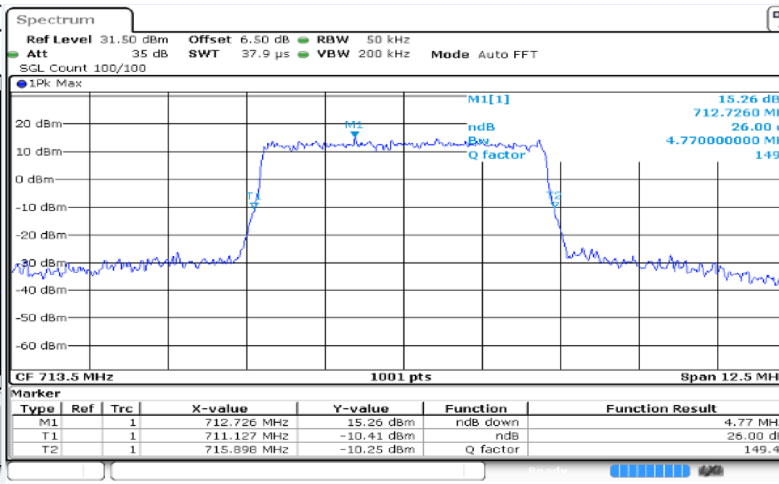
5MHz_High_16QAM_25@0

99% Occupied Bandwidth 4.483 MHz

26dB Bandwidth 4.770MHz



ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:13:24

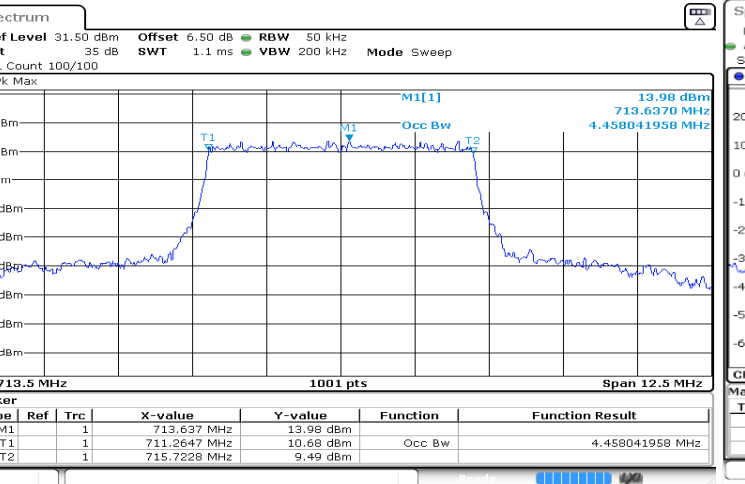


Project No.:RSHA240408005 Tester:Hardy Huang
Date: 29.MAY.2024 16:29:40

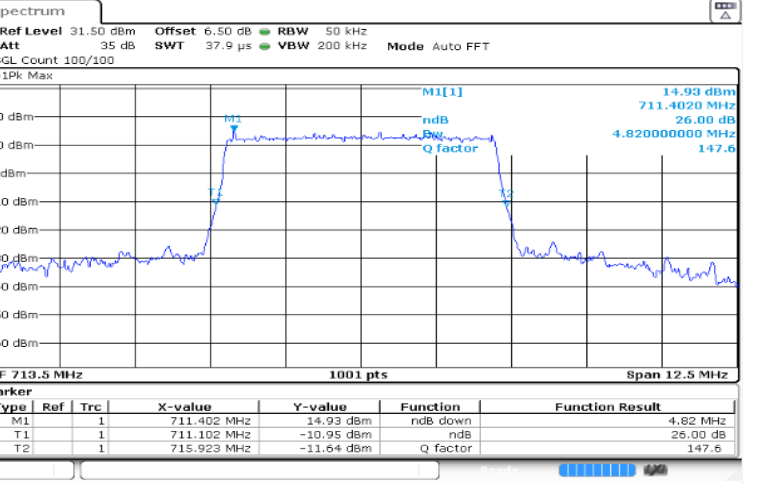
5MHz_High_QPSK_25@0

99% Occupied Bandwidth 4.458 MHz

26dB Bandwidth 4.820MHz



ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:13:05

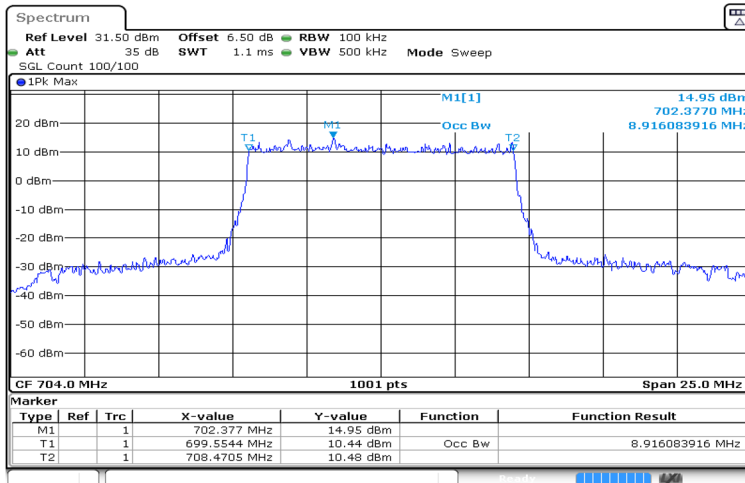


Project No.:RSHA240408005 Tester:Hardy Huang
Date: 29.MAY.2024 16:29:07

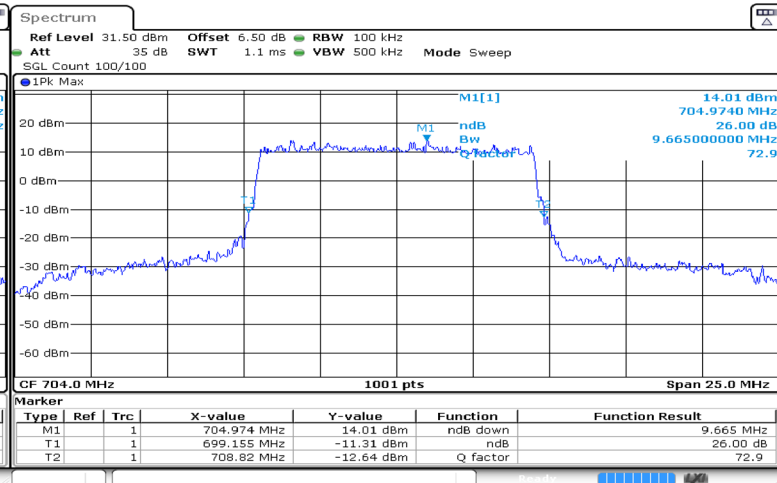
10MHz_Low_QPSK_50@0

99% Occupied Bandwidth 8.916 MHz

26dB Bandwidth 9.665MHz



ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:15:16

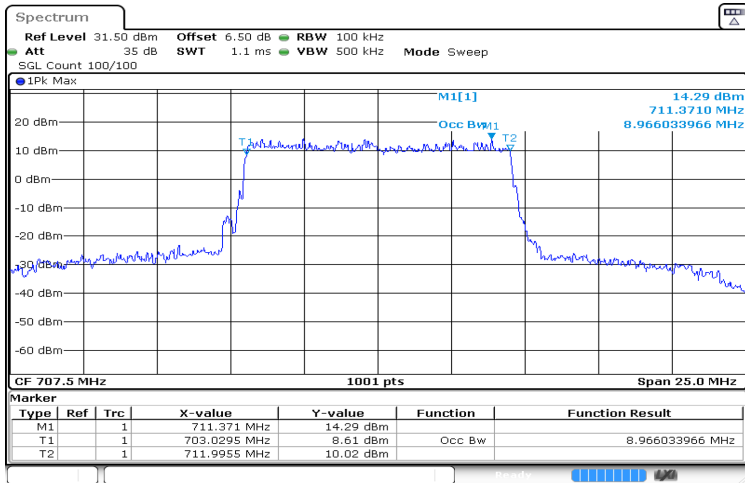


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Date: 9.MAY.2024 21:15:22

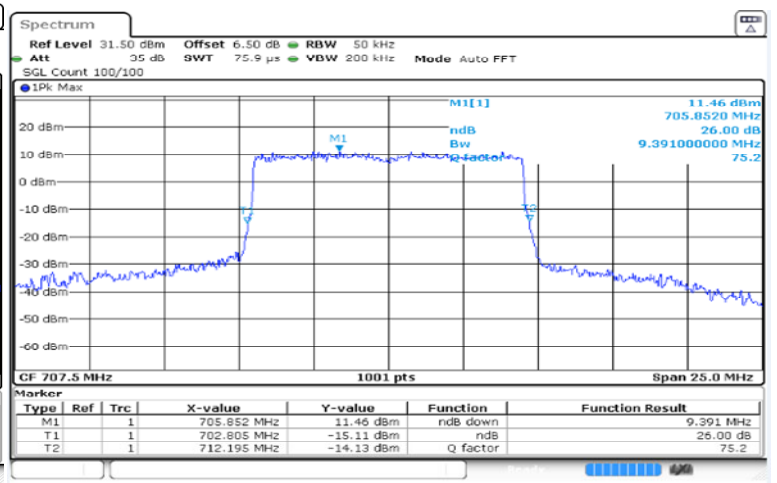
10MHz_Mid_QPSK_50@0

99% Occupied Bandwidth 8.966 MHz

26dB Bandwidth 9.391MHz



ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:16:00

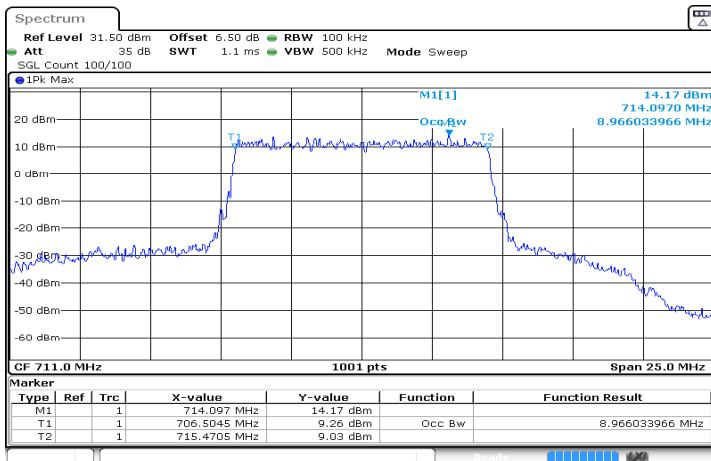


Project No.:RSHA240408005 Tester:Hardy Huang
Date: 29.MAY.2024 16:31:32

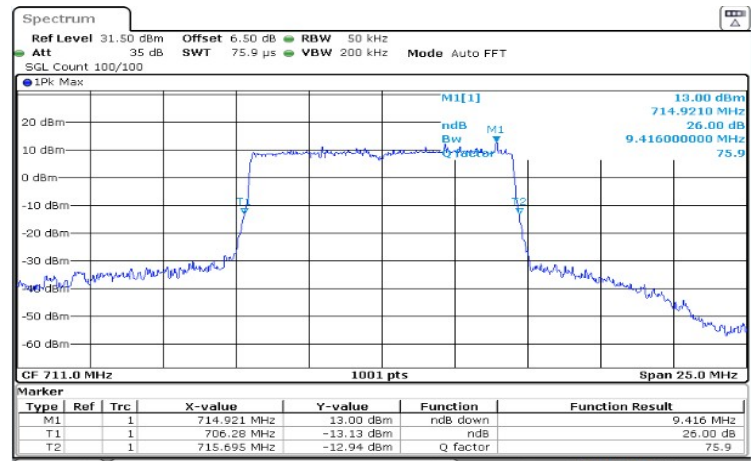
10MHz_High_QPSK_50@0

99% Occupied Bandwidth 8.966 MHz

26dB Bandwidth 9.416MHz

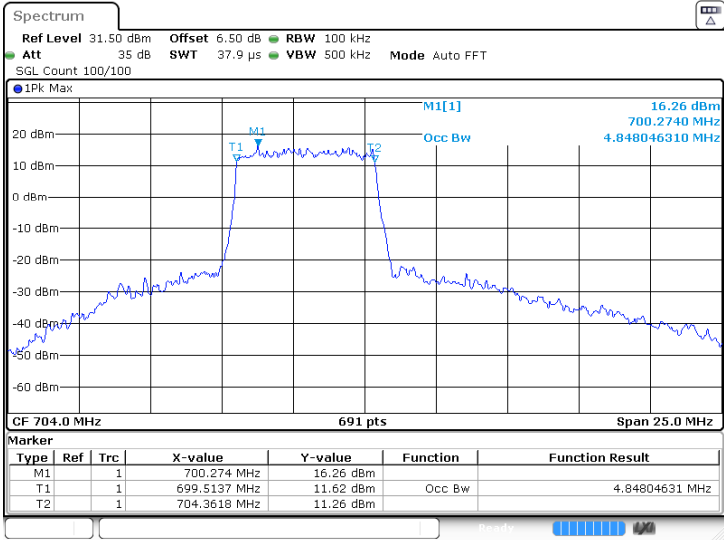


ProjectNo.:RSHA240408005 Tester:Hardy Huang
Date: 9.MAY.2024 21:16:41



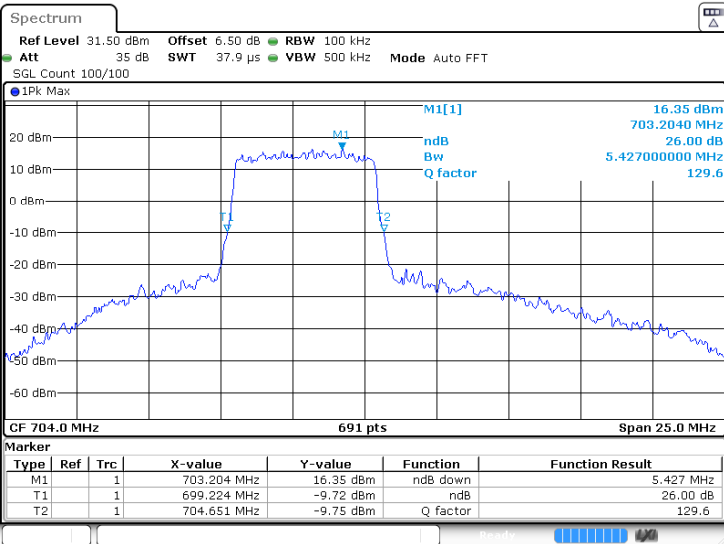
Project No.:RSHA240408005 Tester:Hardy Huang
Date: 29.MAY.2024 16:32:42

10MHz_Low_16QAM_27@0
99% Occupied Bandwidth



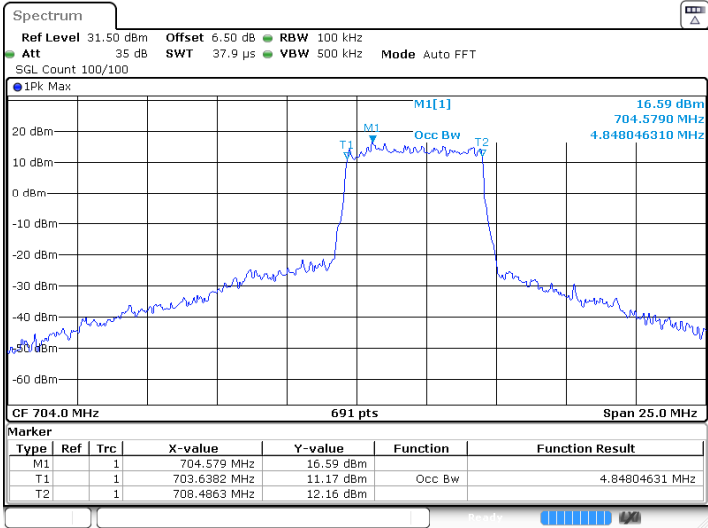
ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24 JUN 2024 13:31:20

26dB Bandwidth



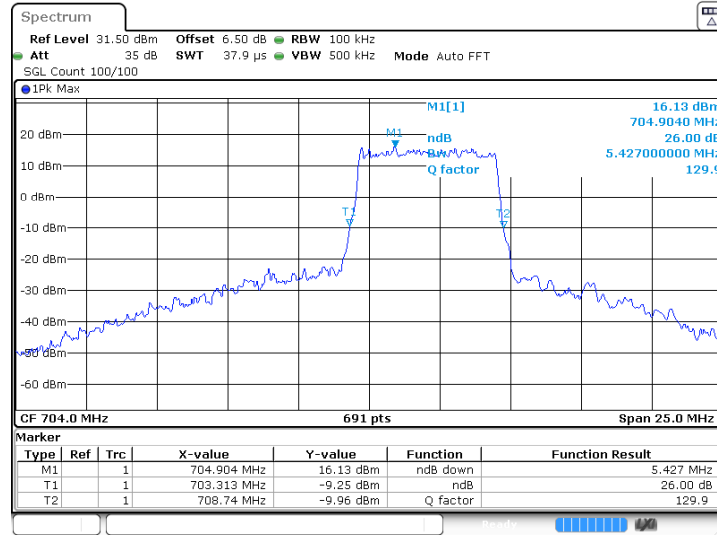
ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24 JUN 2024 11:55:05

10MHz_Low_16QAM_27@23
99% Occupied Bandwidth

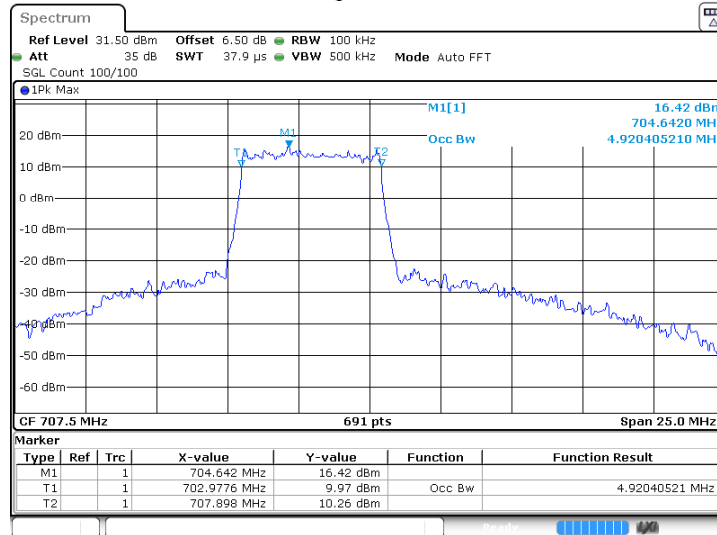


ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24 JUN 2024 13:31:53

26dB Bandwidth

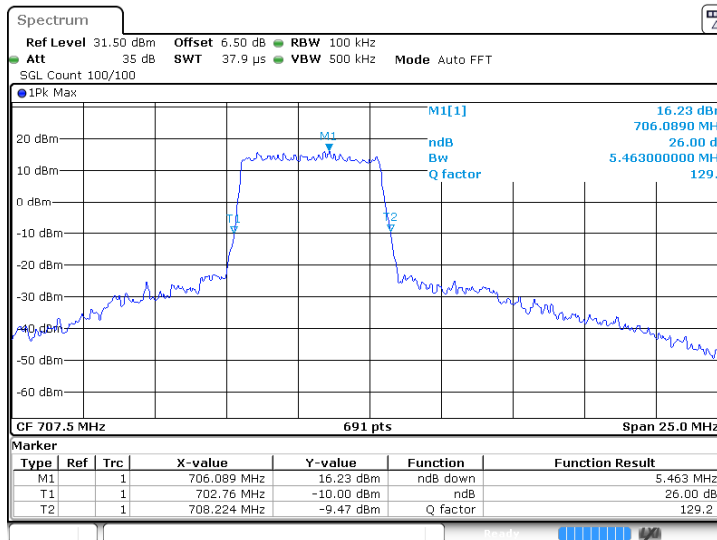


ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24 JUN 2024 11:54:45

10MHz_Middle_16QAM_27@0
99% Occupied Bandwidth

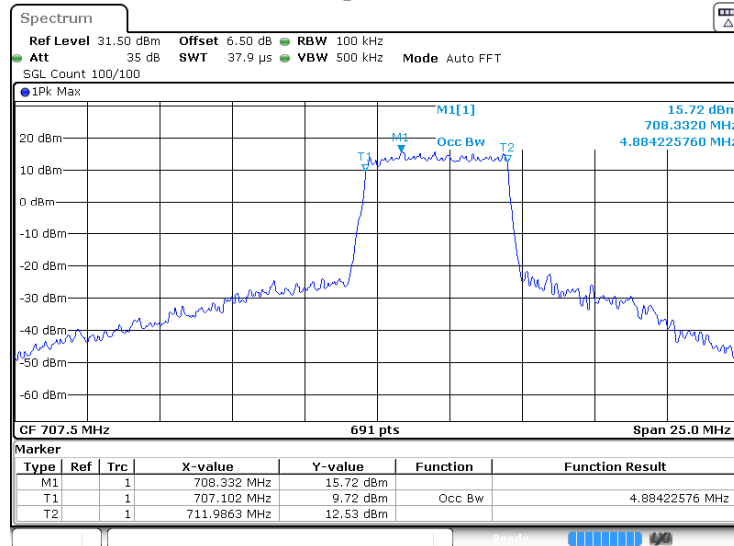
ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24 JUN 2024 13:34:01

26dB Bandwidth



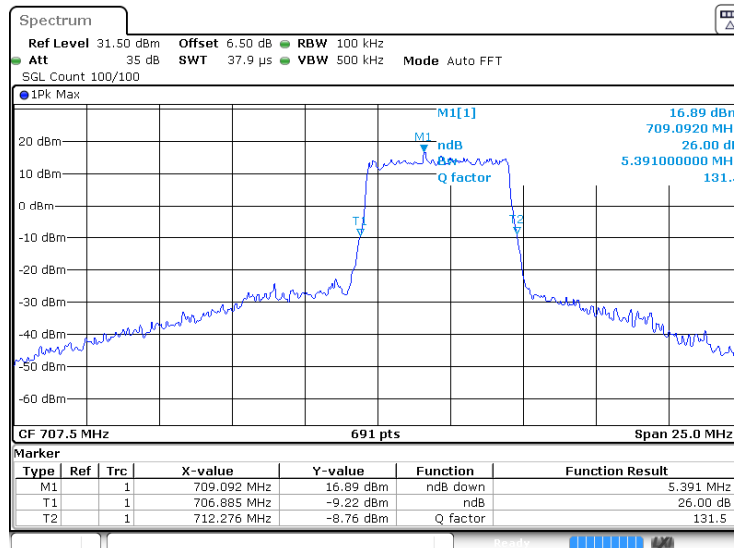
ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24 JUN 2024 11:53:56

10MHz_Middle_16QAM_27@23
99% Occupied Bandwidth



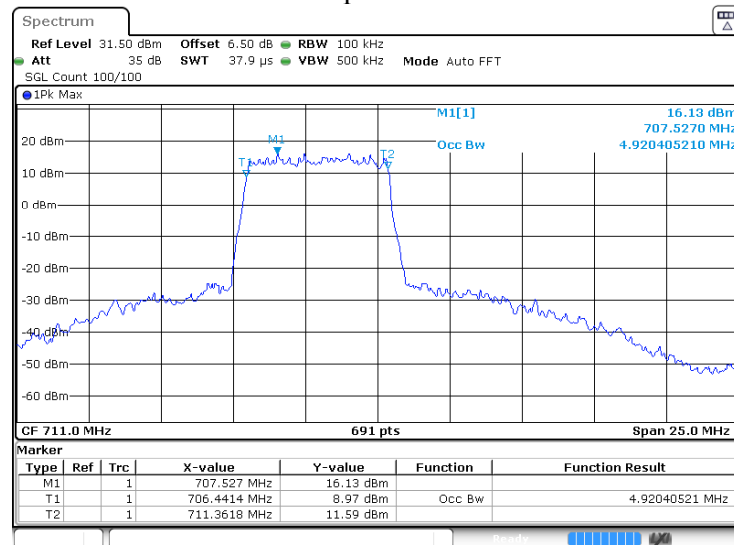
ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24.JUN.2024 13:33:22

26dB Bandwidth



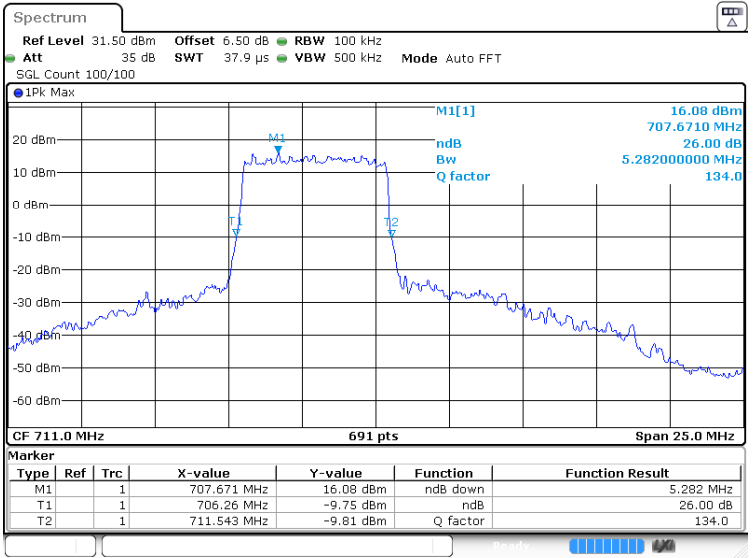
ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24.JUN.2024 11:54:17

10MHz_High_16QAM_27@0
99% Occupied Bandwidth



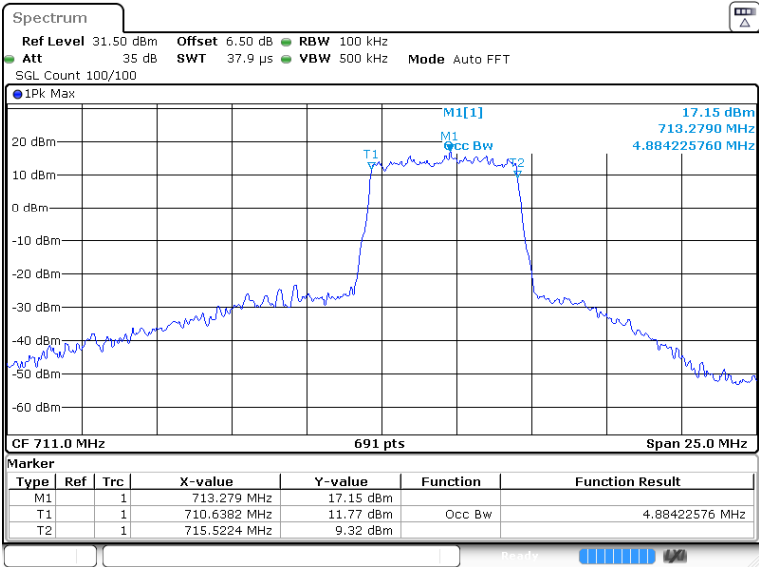
ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24.JUN.2024 13:35:01

26dB Bandwidth



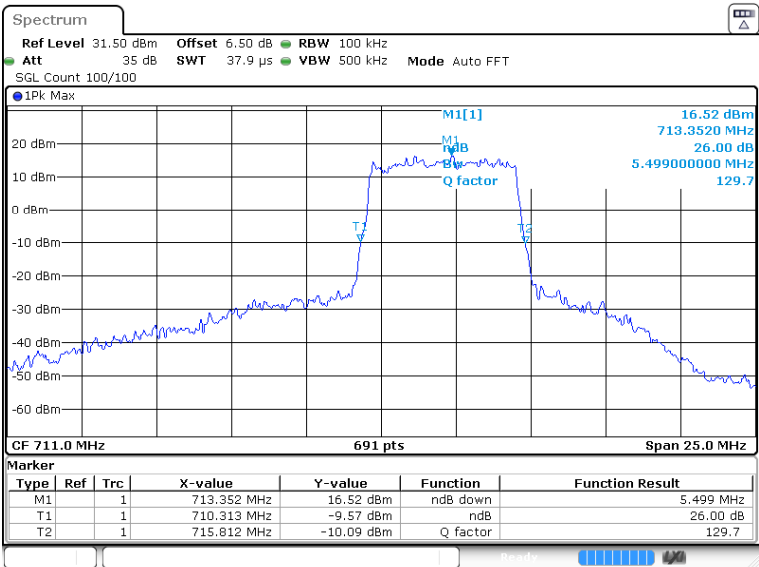
ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24.JUN.2024 11:53:26

10MHz_High_16QAM_27@23
99% Occupied Bandwidth



ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24.JUN.2024 13:35:22

26dB Bandwidth



ProjectNo.:RSHA240408005 Tester:Jason Lu
Date: 24.JUN.2024 11:53:12