

Occupied Bandwidth**FCC Part 27****B4 , Normal**

Mode	99% OBW (MHz)	EBW (MHz)
1.4MHz_Low_QPSK_6@0	1.092	1.233
1.4MHz_Low_16QAM_6@0	1.075	1.228
1.4MHz_Middle_QPSK_6@0	1.078	1.216
1.4MHz_Middle_16QAM_6@0	1.084	1.233
1.4MHz_High_QPSK_6@0	1.081	1.214
1.4MHz_High_16QAM_6@0	1.092	1.228
3MHz_Low_QPSK_15@0	2.688	2.967
3MHz_Low_16QAM_15@0	2.688	2.949
3MHz_Middle_QPSK_15@0	2.688	2.961
3MHz_Middle_16QAM_15@0	2.688	2.973
3MHz_High_QPSK_15@0	2.676	2.943
3MHz_High_16QAM_15@0	2.682	2.955
5MHz_Low_QPSK_25@0	4.460	4.855
5MHz_Low_16QAM_25@0	4.460	4.915
5MHz_Middle_QPSK_25@0	4.480	4.875
5MHz_Middle_16QAM_25@0	4.470	4.935
5MHz_High_QPSK_25@0	4.470	4.905
5MHz_High_16QAM_25@0	4.470	4.905
10MHz_Low_QPSK_50@0	8.920	9.710
10MHz_Low_16QAM_50@0	8.920	9.550
10MHz_Middle_QPSK_50@0	8.940	9.730
10MHz_Middle_16QAM_50@0	8.960	9.650
10MHz_High_QPSK_50@0	8.940	9.750
10MHz_High_16QAM_50@0	8.940	9.610
15MHz_Low_QPSK_75@0	13.410	14.444
15MHz_Low_16QAM_75@0	13.410	14.384
15MHz_Middle_QPSK_75@0	13.440	14.625
15MHz_Middle_16QAM_75@0	13.440	14.505
15MHz_High_QPSK_75@0	13.380	14.444
15MHz_High_16QAM_75@0	13.440	14.444

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_Low_QPSK_100@0	17.800	18.979
20MHz_Low_16QAM_100@0	17.800	18.939
20MHz_Middle_QPSK_100@0	17.840	18.899
20MHz_Middle_16QAM_100@0	17.800	18.939
20MHz_High_QPSK_100@0	17.840	19.099
20MHz_High_16QAM_100@0	17.840	19.019

B7 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_Low_QPSK_25@0	4.470	4.885
5MHz_Low_16QAM_25@0	4.470	4.875
5MHz_Middle_QPSK_25@0	4.480	4.865
5MHz_Middle_16QAM_25@0	4.470	4.895
5MHz_High_QPSK_25@0	4.480	4.895
5MHz_High_16QAM_25@0	4.470	4.895
10MHz_Low_QPSK_50@0	8.960	9.610
10MHz_Low_16QAM_50@0	8.940	9.610
10MHz_Middle_QPSK_50@0	8.940	9.750
10MHz_Middle_16QAM_50@0	8.940	9.590
10MHz_High_QPSK_50@0	8.940	9.530
10MHz_High_16QAM_50@0	8.960	9.550
15MHz_Low_QPSK_75@0	13.410	14.565
15MHz_Low_16QAM_75@0	13.380	14.505
15MHz_Middle_QPSK_75@0	13.410	14.444
15MHz_Middle_16QAM_75@0	13.410	14.475
15MHz_High_QPSK_75@0	13.380	14.475
15MHz_High_16QAM_75@0	13.350	14.444
20MHz_Low_QPSK_100@0	17.800	18.979
20MHz_Low_16QAM_100@0	17.880	18.699
20MHz_Middle_QPSK_100@0	17.880	19.019
20MHz_Middle_16QAM_100@0	17.880	18.979
20MHz_High_QPSK_100@0	17.800	19.059
20MHz_High_16QAM_100@0	17.760	19.019

B12 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
1.4MHz_Low_QPSK_6@0	1.089	1.228
1.4MHz_Low_16QAM_6@0	1.081	1.222
1.4MHz_Middle_QPSK_6@0	1.075	1.208
1.4MHz_Middle_16QAM_6@0	1.084	1.228
1.4MHz_High_QPSK_6@0	1.078	1.205
1.4MHz_High_16QAM_6@0	1.086	1.242
3MHz_Low_QPSK_15@0	2.676	2.937
3MHz_Low_16QAM_15@0	2.688	2.919
3MHz_Middle_QPSK_15@0	2.682	2.973
3MHz_Middle_16QAM_15@0	2.688	2.967
3MHz_High_QPSK_15@0	2.682	2.955
3MHz_High_16QAM_15@0	2.688	2.955
5MHz_Low_QPSK_25@0	4.480	4.885
5MHz_Low_16QAM_25@0	4.470	4.895
5MHz_Middle_QPSK_25@0	4.480	4.845
5MHz_Middle_16QAM_25@0	4.470	4.895
5MHz_High_QPSK_25@0	4.480	4.865
5MHz_High_16QAM_25@0	4.480	4.895
10MHz_Low_QPSK_50@0	8.900	9.550
10MHz_Low_16QAM_50@0	8.960	9.570
10MHz_Middle_QPSK_50@0	8.920	9.670
10MHz_Middle_16QAM_50@0	8.900	9.550
10MHz_High_QPSK_50@0	8.980	9.690
10MHz_High_16QAM_50@0	8.980	9.610

B13 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_Low_QPSK_25@0	4.470	4.875
5MHz_Low_16QAM_25@0	4.480	4.905
5MHz_High_QPSK_25@0	4.490	4.925
5MHz_High_16QAM_25@0	4.470	4.855
10MHz_Middle_QPSK_50@0	8.920	9.650

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_Middle_16QAM_50@0	8.940	9.510

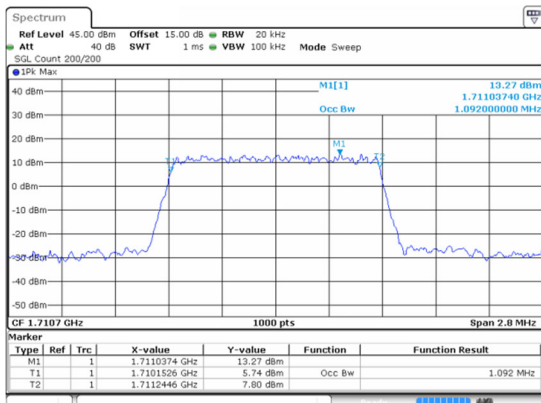
B17 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_Low_QPSK_25@0	4.490	4.845
5MHz_Low_16QAM_25@0	4.460	4.875
5MHz_Middle_QPSK_25@0	4.490	4.905
5MHz_Middle_16QAM_25@0	4.470	4.865
5MHz_High_QPSK_25@0	4.470	4.905
5MHz_High_16QAM_25@0	4.480	4.895
10MHz_Low_QPSK_50@0	8.940	9.590
10MHz_Low_16QAM_50@0	8.960	9.610
10MHz_Middle_QPSK_50@0	8.940	9.590
10MHz_Middle_16QAM_50@0	8.940	9.650
10MHz_High_QPSK_50@0	8.960	9.770
10MHz_High_16QAM_50@0	8.960	9.630

B4 , Normal

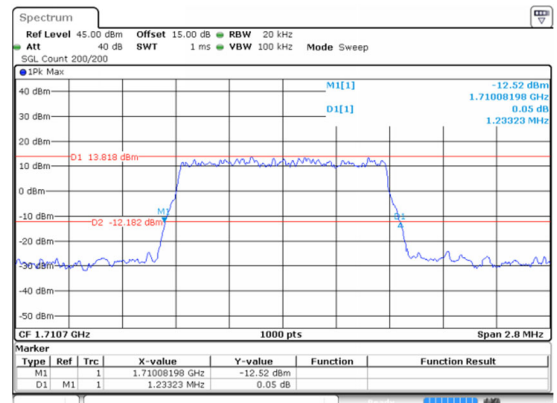
1.4MHz_Low_QPSK_6@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:45:31

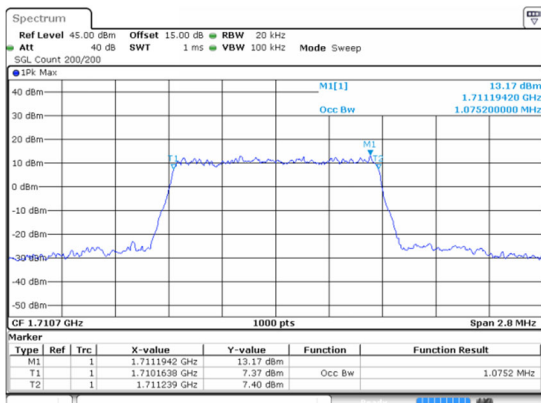
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:45:39

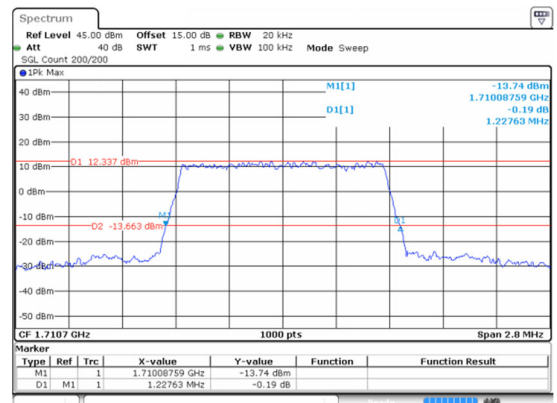
1.4MHz_Low_16QAM_6@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:46:02

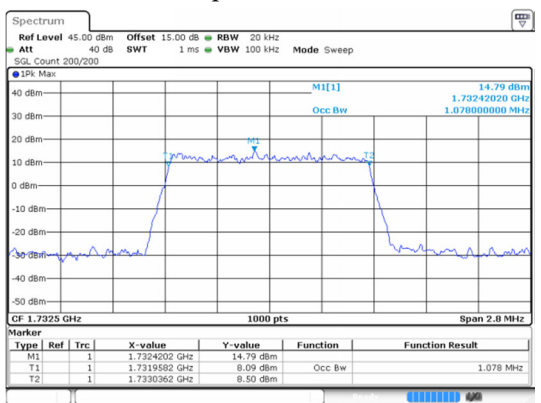
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:46:09

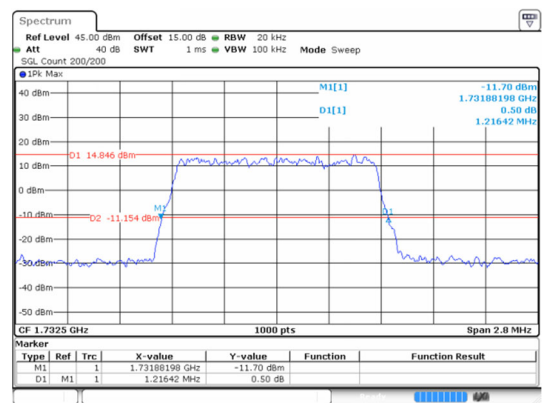
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:46:32

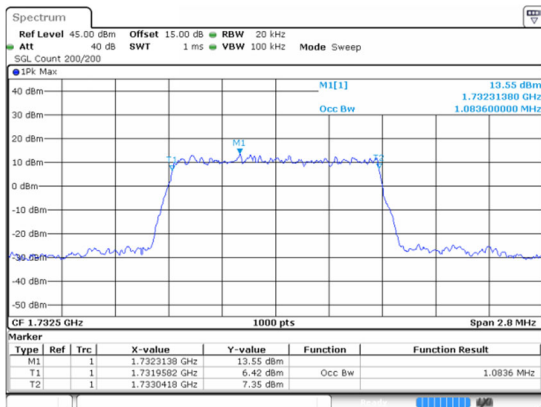
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:46:40

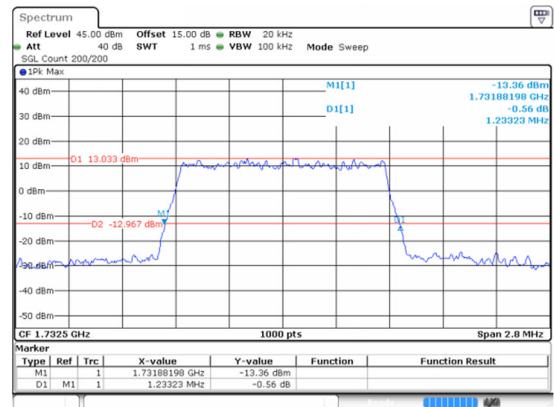
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:47:05

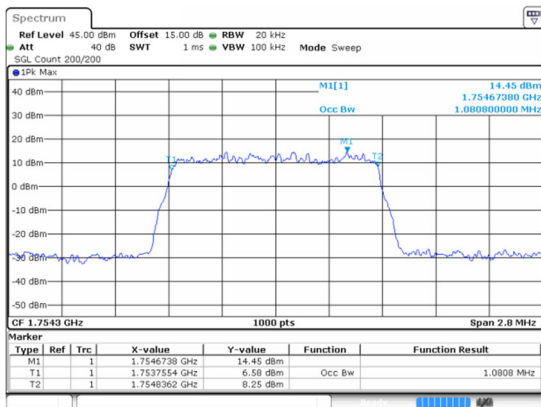
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:47:13

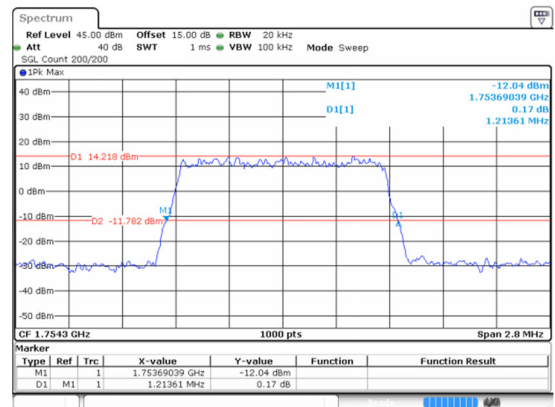
1.4MHz_High_QPSK_6@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:47:37

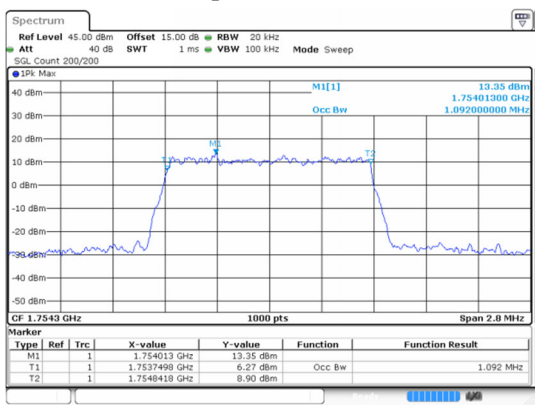
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:47:44

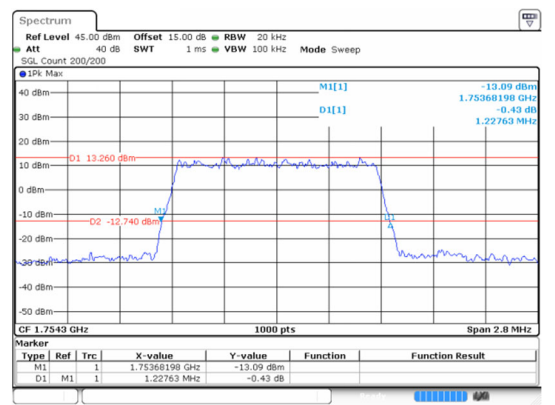
1.4MHz_High_16QAM_6@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:48:07

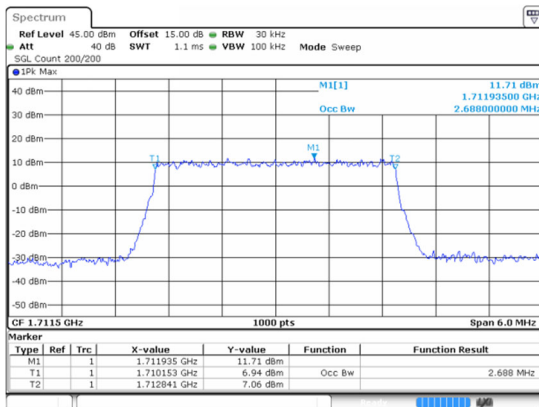
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:48:14

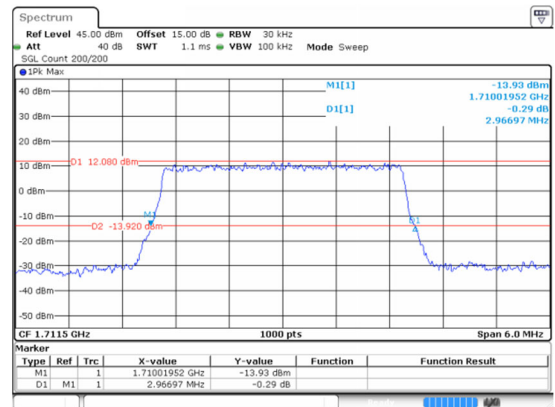
3MHz_Low_QPSK_15@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:50:01

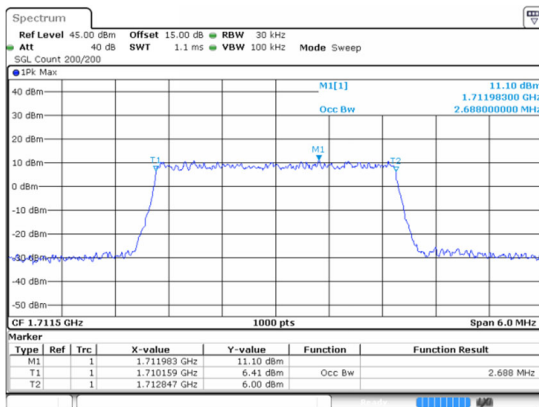
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:50:08

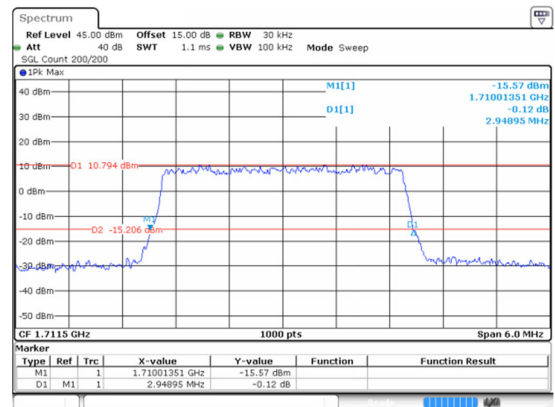
3MHz_Low_16QAM_15@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:51:22

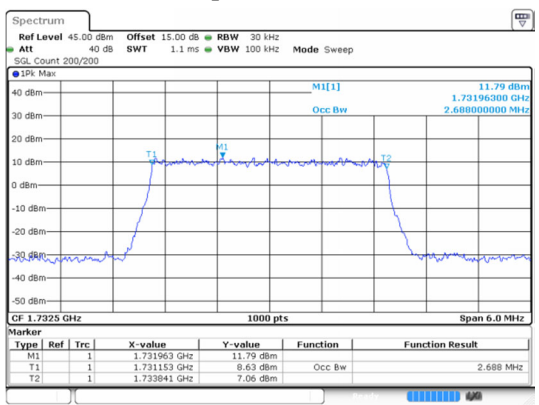
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:51:30

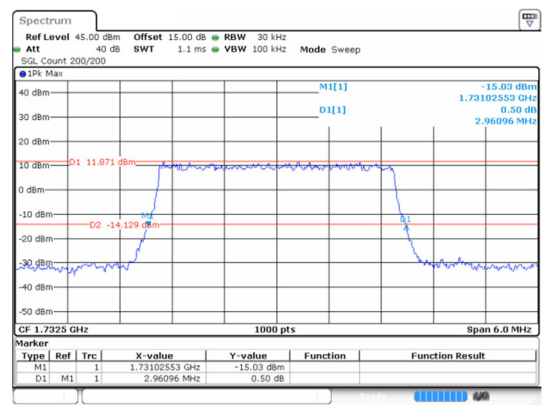
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:51:49

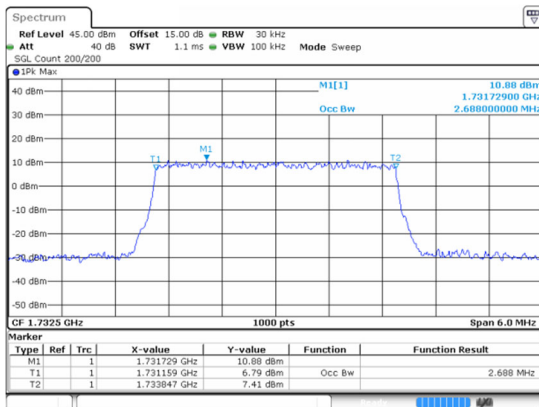
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:51:57

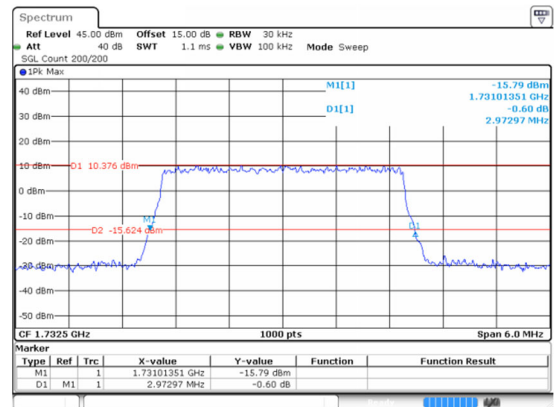
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:52:16

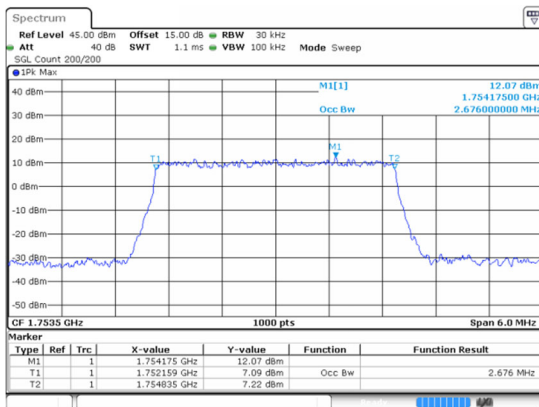
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:52:24

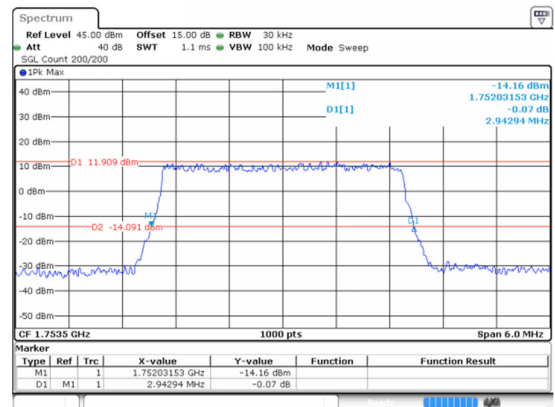
3MHz_High_QPSK_15@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:52:43

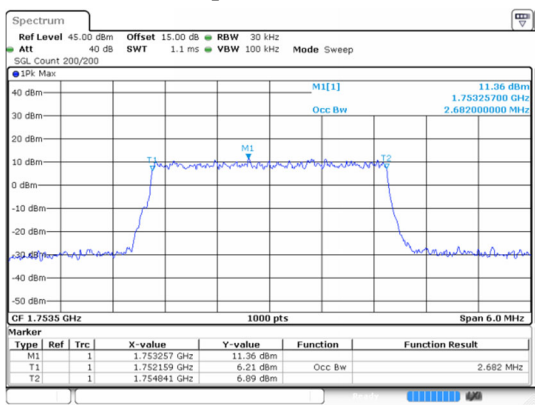
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:52:50

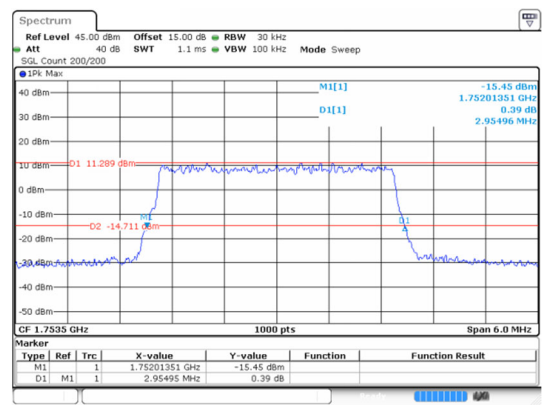
3MHz_High_16QAM_15@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:53:11

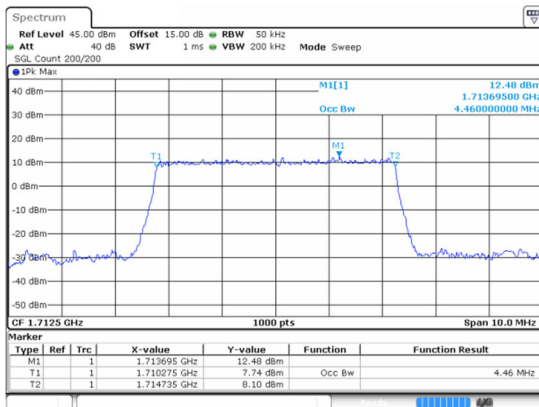
26dB Bandwidth



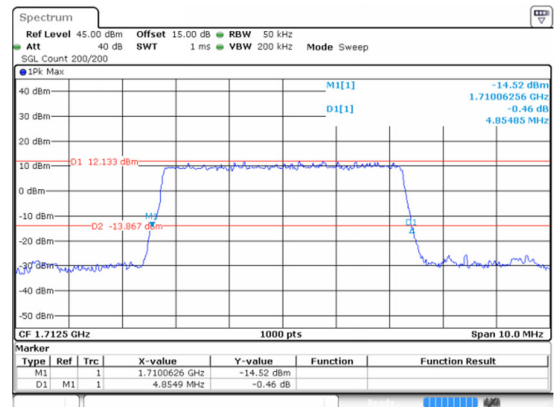
ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:53:19

5MHz_Low_QPSK_25@0

Occupied Bandwidth

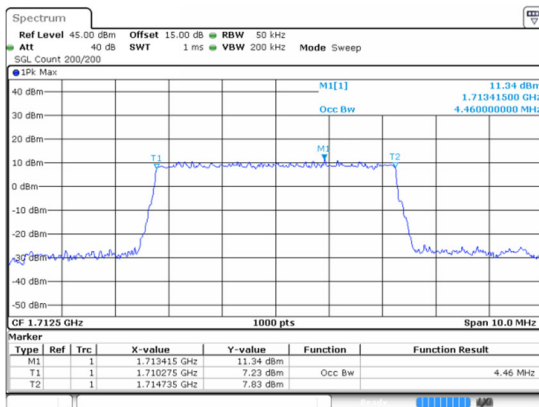


26dB Bandwidth

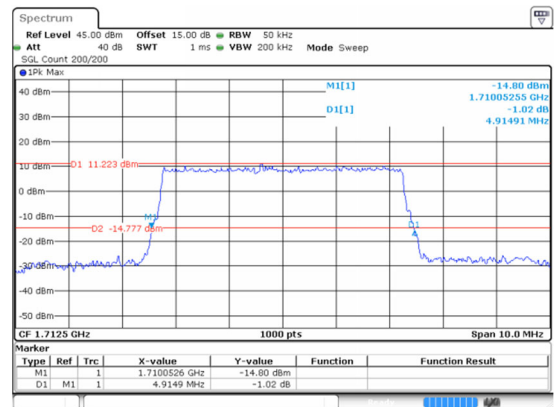


5MHz_Low_16QAM_25@0

Occupied Bandwidth

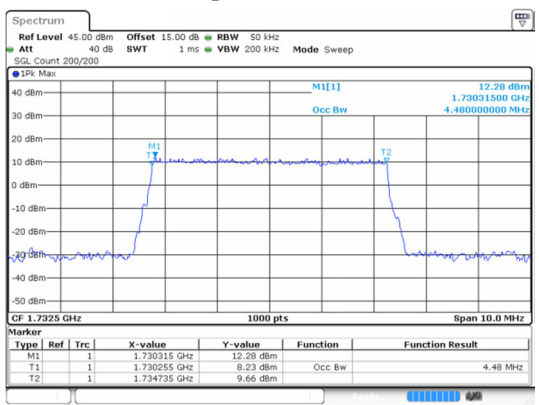


26dB Bandwidth

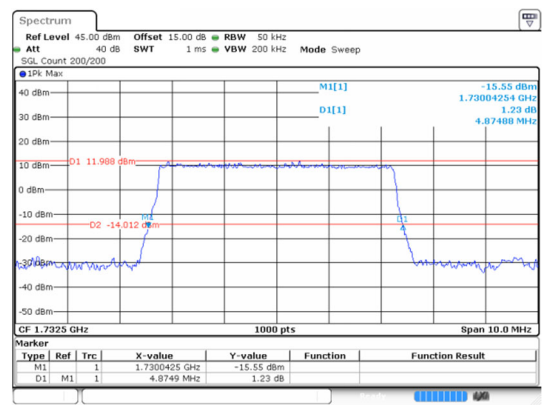


5MHz_Middle_QPSK_25@0

Occupied Bandwidth

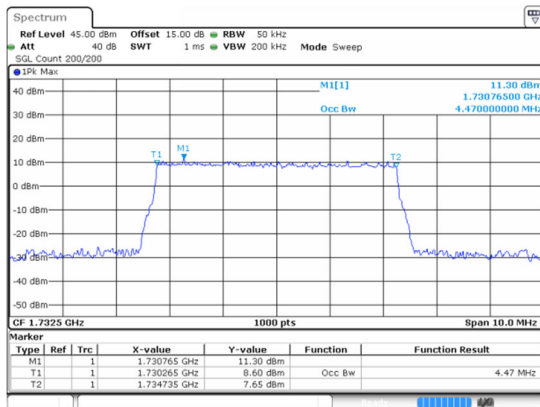


26dB Bandwidth



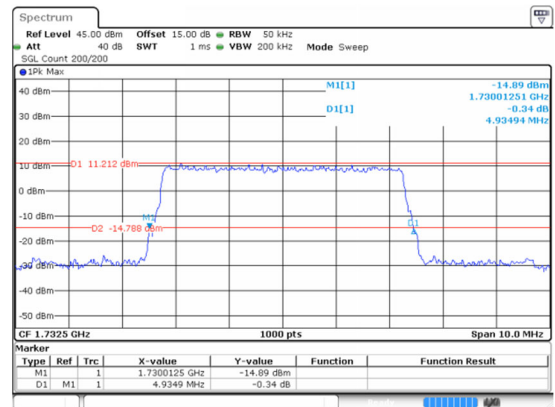
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:56:50

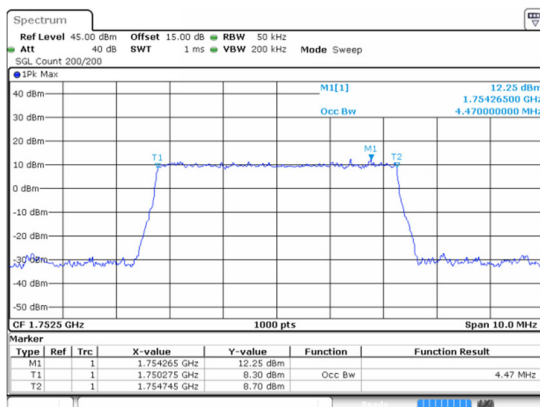
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:56:58

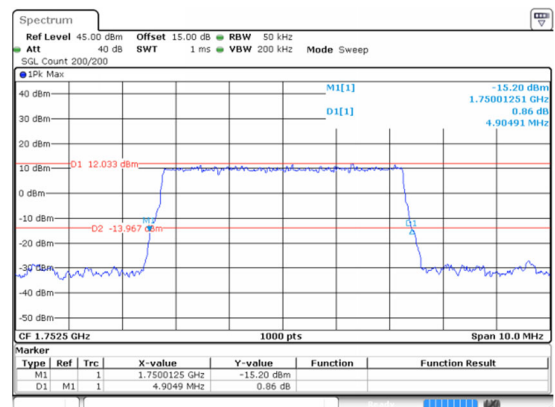
5MHz_High_QPSK_25@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:57:18

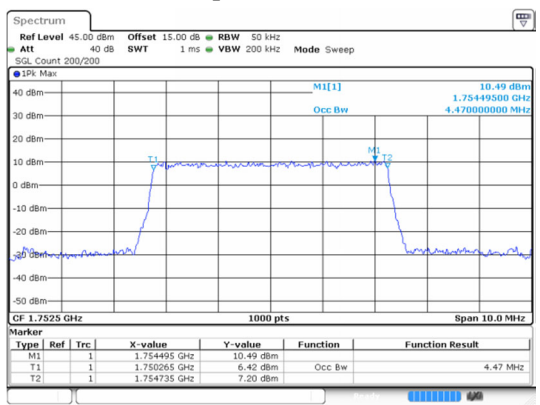
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:57:26

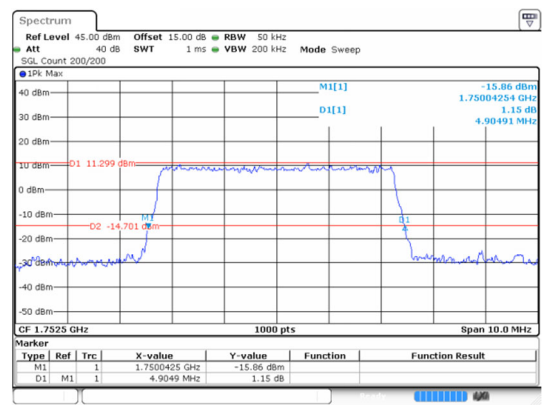
5MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:57:46

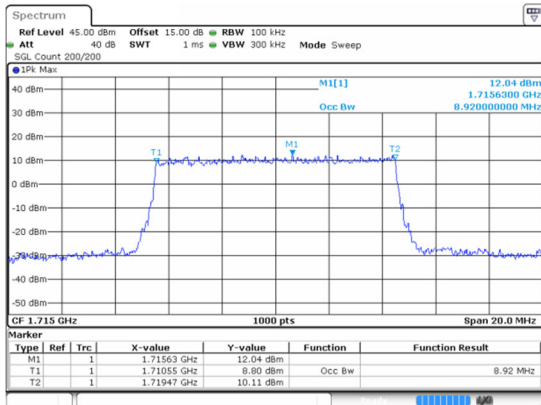
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:57:53

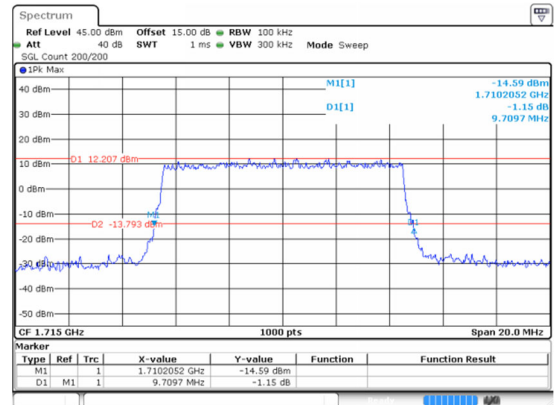
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:59:42

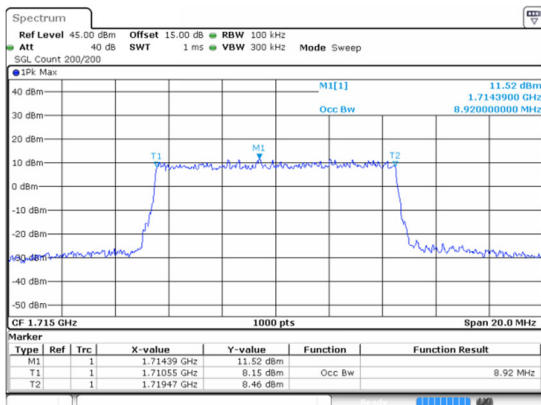
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 17:59:50

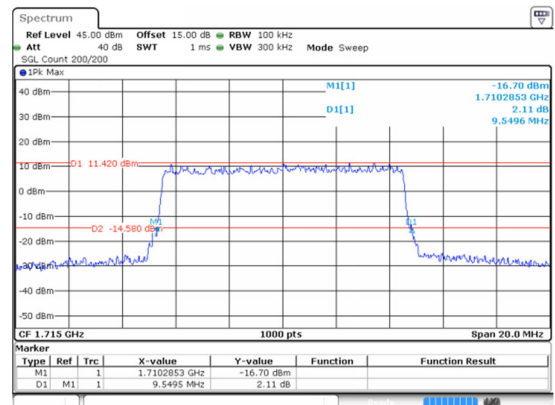
10MHz_Low_16QAM_50@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:00:14

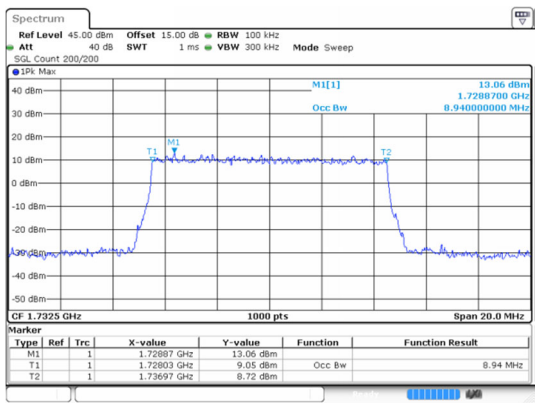
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:00:22

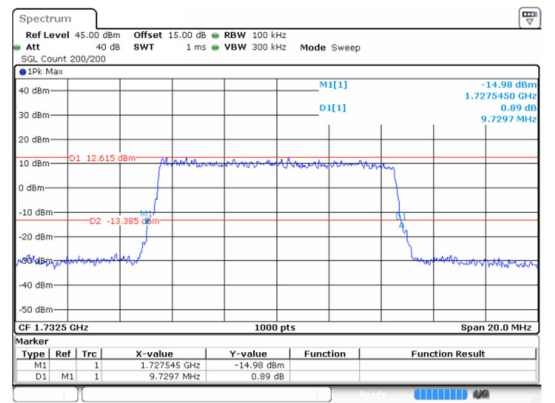
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:00:49

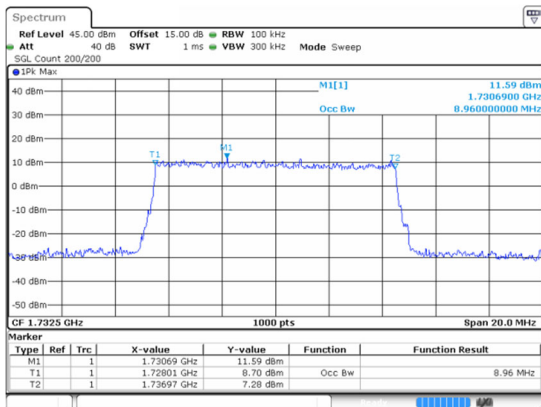
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:01:00

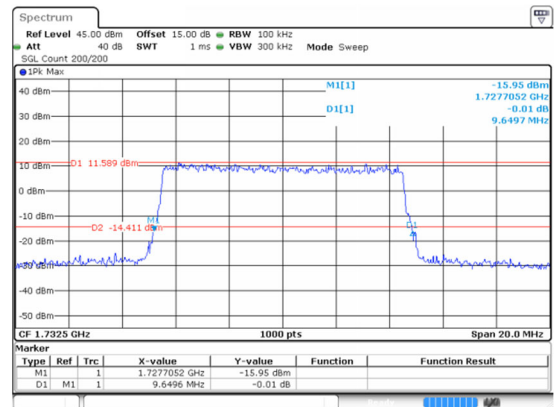
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:01:26

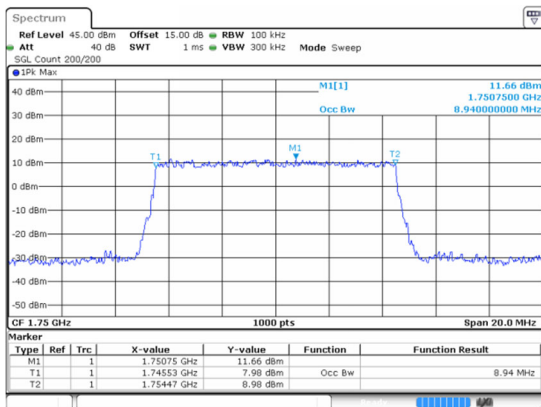
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:01:36

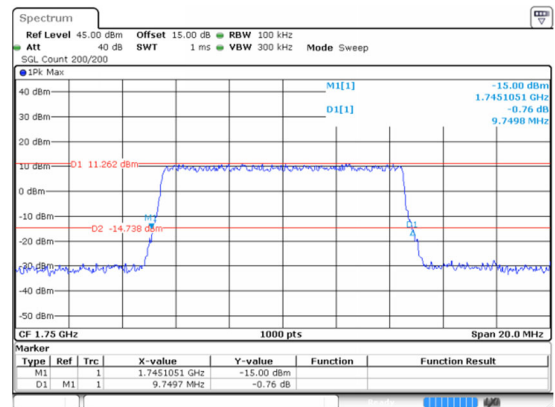
10MHz_High_QPSK_50@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:02:01

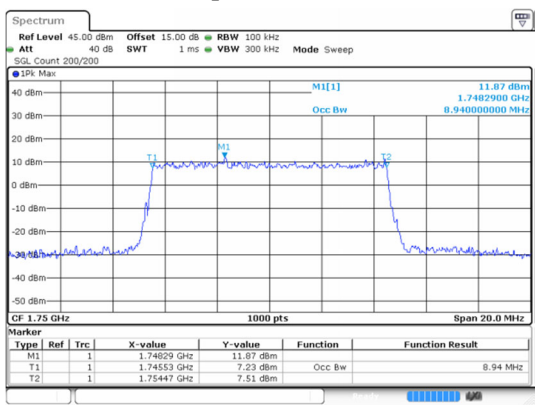
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:02:10

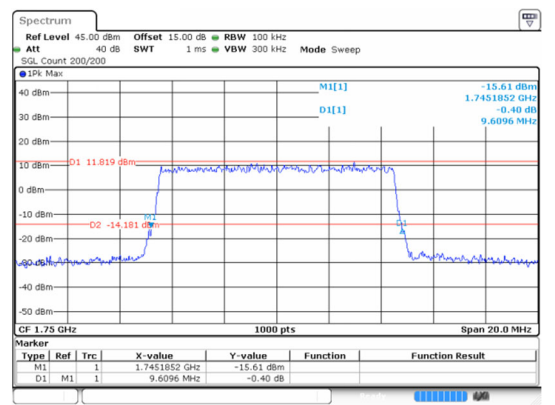
10MHz_High_16QAM_50@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:02:33

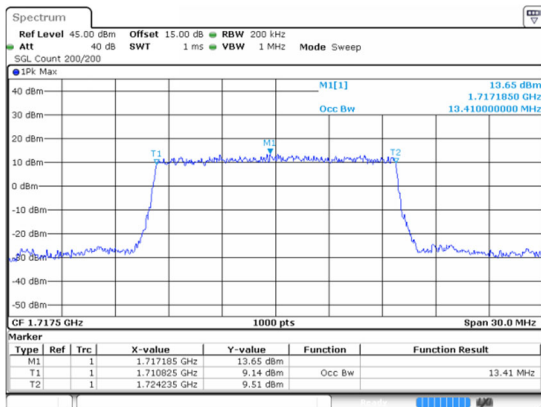
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:02:41

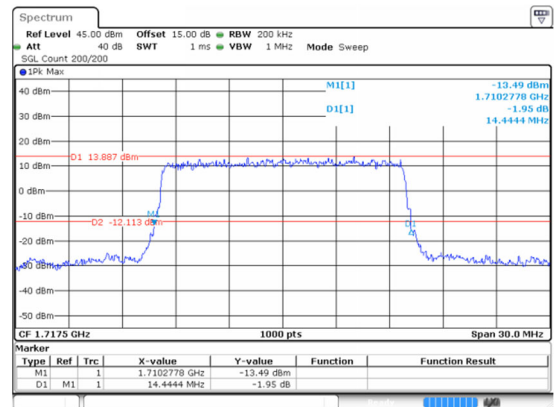
15MHz_Low_QPSK_75@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:04:36

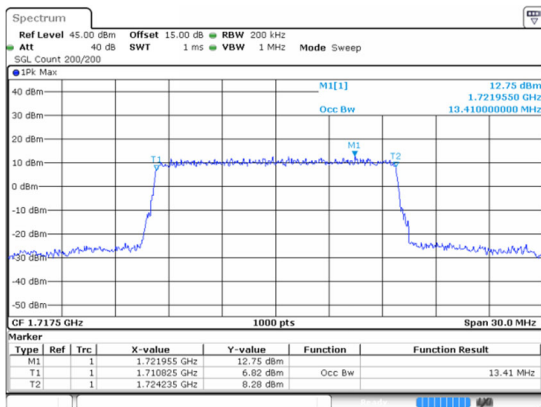
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:04:46

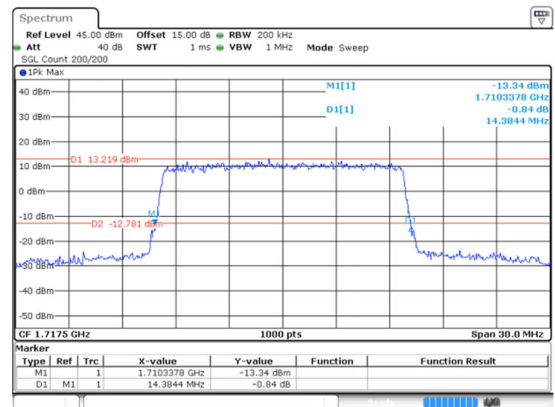
15MHz_Low_16QAM_75@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:05:12

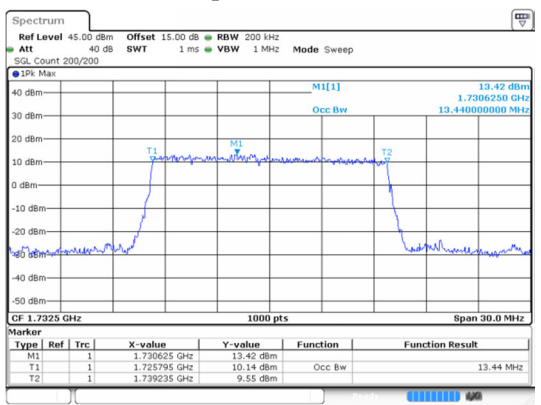
26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:05:22

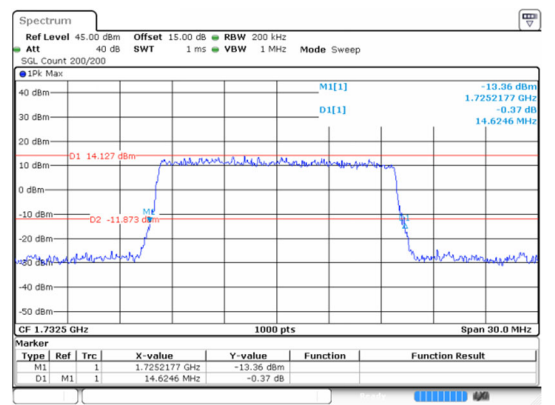
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:05:48

26dB Bandwidth



ProjectNo: RSHA240322001 Tester:Jason Lu
Date: 28 NOV 2024 18:05:59