

Appendix A

Test Information:

Sample No.:	31B1-1	Test Date:	2025/04/25~2025/05/11
Test Site:	RF	Test Mode:	Transmitting
Tester:	Chin Qin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.6-25.6	Relative Humidity: (%)	53-62	ATM Pressure: (kPa)	100.4-101.8
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
UNI-T	Multimeter	UT39A+	C210582554	2025/01/06	2026/01/05
R&S	Wideband Radio Communication Tester	CMW500	143458	2025/03/31	2026/03/30
R&S	Spectrum Analyzer	FSU26	100147	2025/03/31	2026/03/30
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2025/03/31	2026/03/30
Narda	Directional Coupler	4226-20	03328	Each Time	N/A
Unknown	Coaxial tee connector	Unknown	2204004	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060301	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
GWINSTEK	DC Power Supply	SPS3610	D33251	N/A	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Frequency stability vs. temperature & Frequency stability vs. voltage Compliance**FCC Part 24E****LTE Band 2 , TN/VN**

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.009	1908.991	1850 ~ 1910	Pass

LTE Band 2 , T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1869.051	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2 , T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2 , T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2 , T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1869.051	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.009	1908.991	1850 ~ 1910	Pass

LTE Band 2 , T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.009	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2 , T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.009	1908.991	1850 ~ 1910	Pass

LTE Band 2 , T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2 , T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2 , TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.009	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2 , TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

Note:

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: Normal Voltage; VL: Low Voltage; VH: High Voltage.

FCC Part 27**LTE Band 4 , TN/VN**

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

LTE Band 4 , T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1754.051	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4 , T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1754.051	1710 ~ 1755	Pass

LTE Band 4 , T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1729.051	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4 , T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

LTE Band 4 , T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4 , T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

LTE Band 4 , T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

LTE Band 4 , T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1753.991	1710 ~ 1755	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4 , TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

LTE Band 4 , TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

Note:

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: Normal Voltage; VL: Low Voltage; VH: High Voltage.

Occupied Bandwidth**FCC Part 24E****LTE Band 2 , Normal**

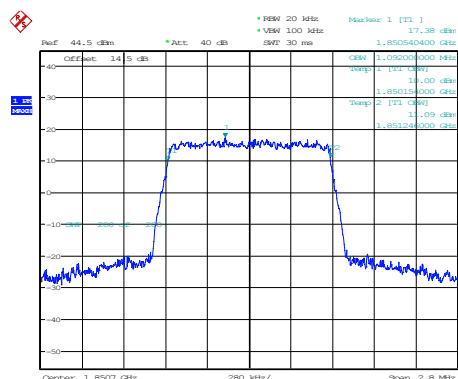
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.092	1.246
1.4MHz_Low_16QAM_6@0	1.084	1.240
1.4MHz_Middle_QPSK_6@0	1.081	1.235
1.4MHz_Middle_16QAM_6@0	1.086	1.238
1.4MHz_High_QPSK_6@0	1.086	1.243
1.4MHz_High_16QAM_6@0	1.095	1.243
3MHz_Low_QPSK_15@0	2.694	3.114
3MHz_Low_16QAM_15@0	2.688	3
3MHz_Middle_QPSK_15@0	2.694	3.102
3MHz_Middle_16QAM_15@0	2.694	3.090
3MHz_High_QPSK_15@0	2.688	2.994
3MHz_High_16QAM_15@0	2.694	3.090
5MHz_Low_QPSK_25@0	4.470	4.890
5MHz_Low_16QAM_25@0	4.470	4.860
5MHz_Middle_QPSK_25@0	4.470	4.910
5MHz_Middle_16QAM_25@0	4.470	4.930
5MHz_High_QPSK_25@0	4.470	4.920
5MHz_High_16QAM_25@0	4.480	4.900
10MHz_Low_QPSK_50@0	8.940	9.760
10MHz_Low_16QAM_50@0	8.960	9.780
10MHz_Middle_QPSK_50@0	8.940	9.760
10MHz_Middle_16QAM_50@0	8.960	9.860
10MHz_High_QPSK_50@0	8.960	9.780
10MHz_High_16QAM_50@0	8.940	9.800
15MHz_Low_QPSK_75@0	13.470	14.790
15MHz_Low_16QAM_75@0	13.470	14.790
15MHz_Middle_QPSK_75@0	13.470	14.760
15MHz_Middle_16QAM_75@0	13.440	14.760
15MHz_High_QPSK_75@0	13.470	14.790
15MHz_High_16QAM_75@0	13.410	14.820

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.920	19.400
20MHz_Low_16QAM_100@0	17.920	19.480
20MHz_Middle_QPSK_100@0	17.960	19.640
20MHz_Middle_16QAM_100@0	17.920	19.560
20MHz_High_QPSK_100@0	17.920	19.320
20MHz_High_16QAM_100@0	17.920	19.360

LTE Band 2 , Normal

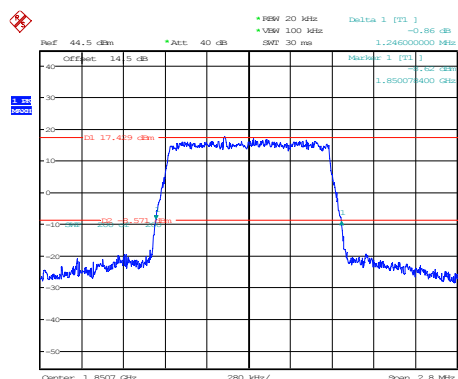
1.4MHz_Low_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 25.APR.2025 23:50:40

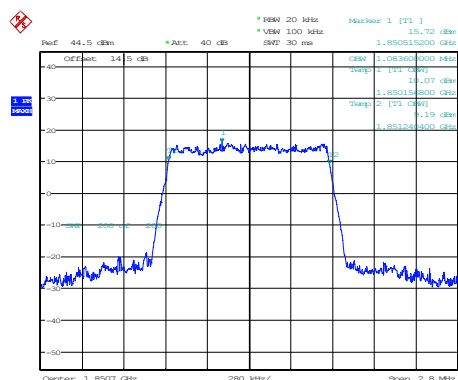
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 25.APR.2025 23:51:12

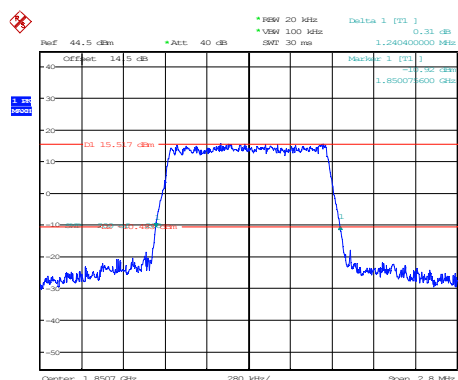
1.4MHz Low 16QAM 6@0

Occupied Bandwidth



ProjectNo.:2503S14690E-RF Tester:Chin Qin
Date: 25.APR.2025 23:52:35

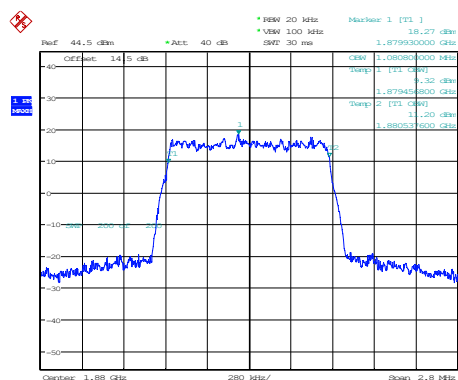
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 25.APR.2025 23:53:07

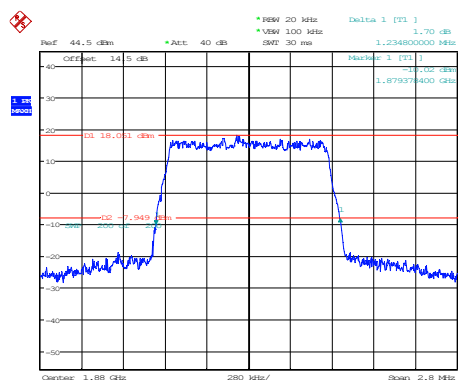
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 25.APR.2025 23:54:29

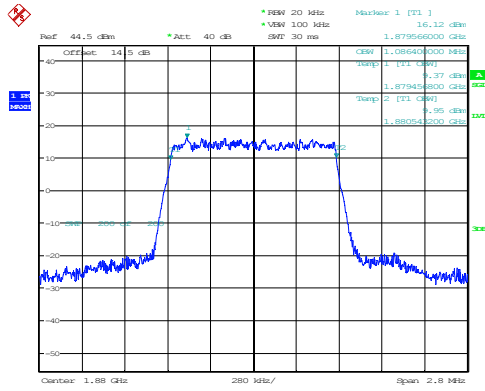
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 25.APR.2025 23:55:01

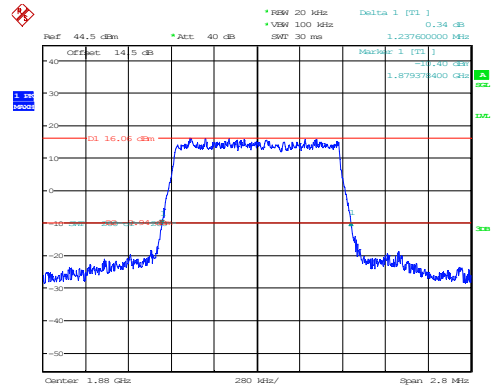
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 25.APR.2025 23:56:21

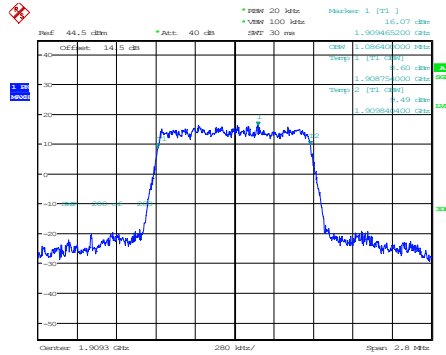
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 25.APR.2025 23:56:53

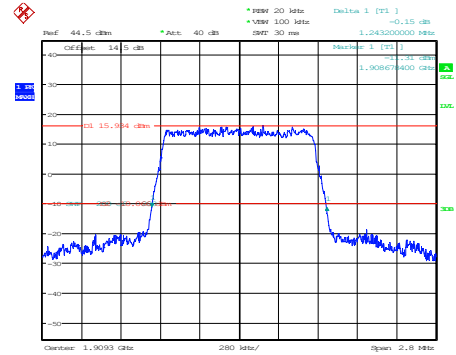
1.4MHz_High_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 25.APR.2025 23:58:16

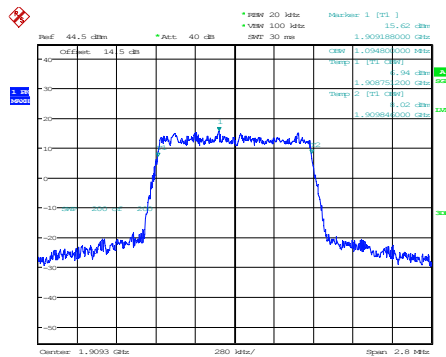
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 25.APR.2025 23:58:50

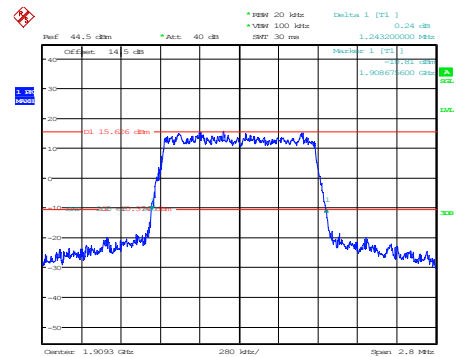
1.4MHz_High_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:00:14

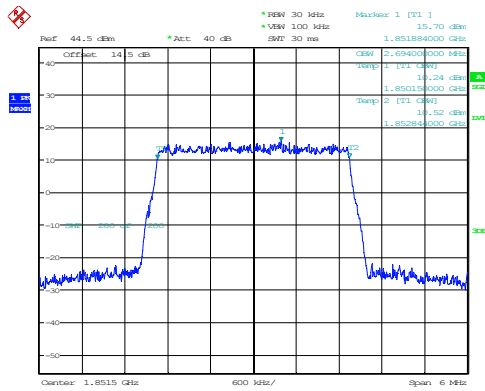
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:00:48

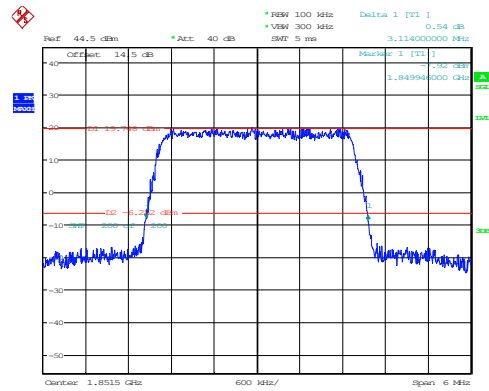
3MHz_Low_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:01:46

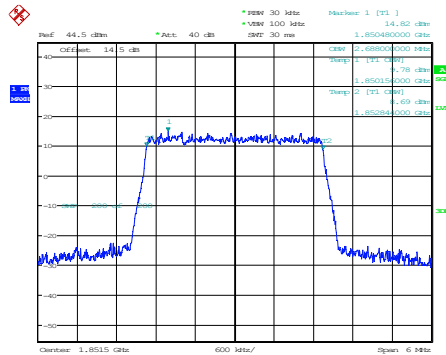
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:02:39

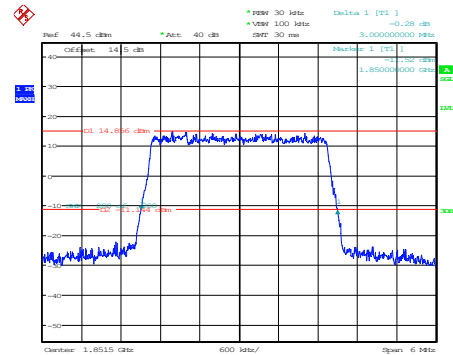
3MHz_Low_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:03:35

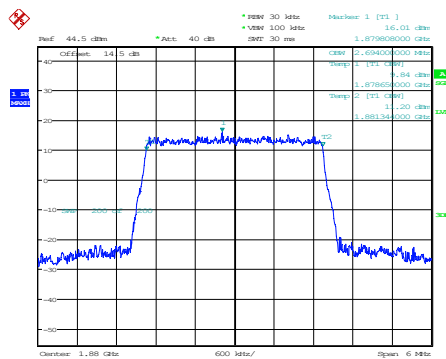
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:04:08

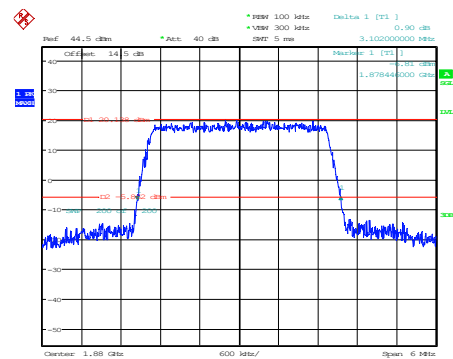
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:05:10

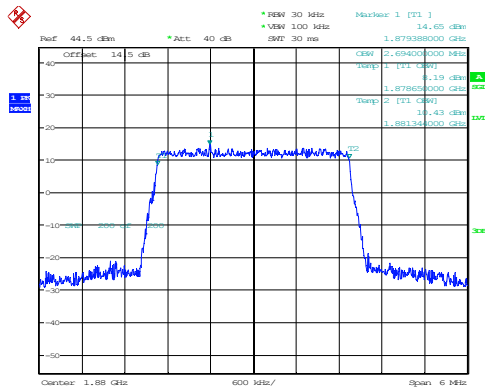
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:06:02

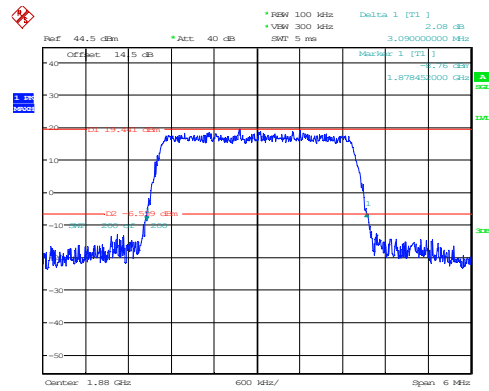
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:06:57

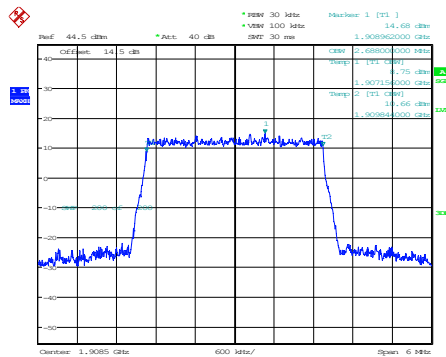
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:07:48

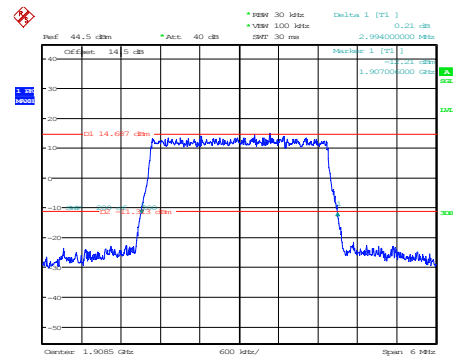
3MHz_High_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:08:44

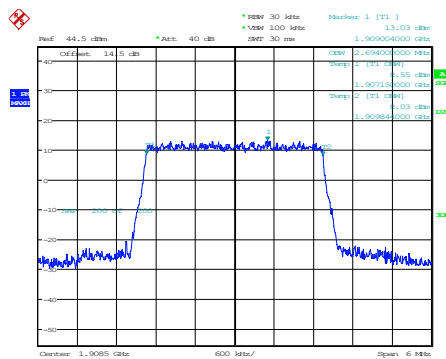
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:09:19

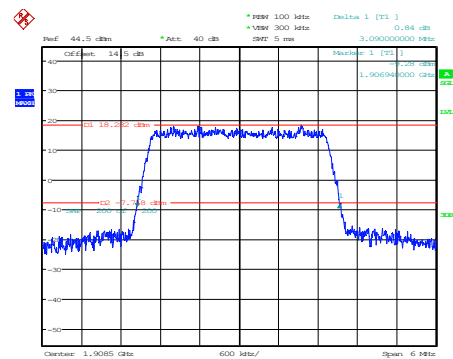
3MHz_High_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:10:20

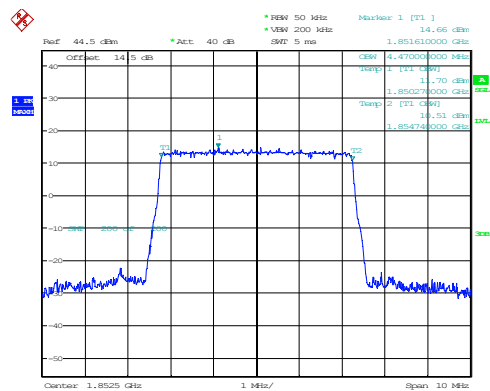
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:11:23

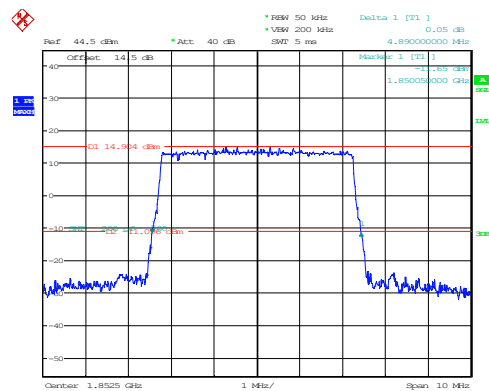
5MHz_Low_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:13:14

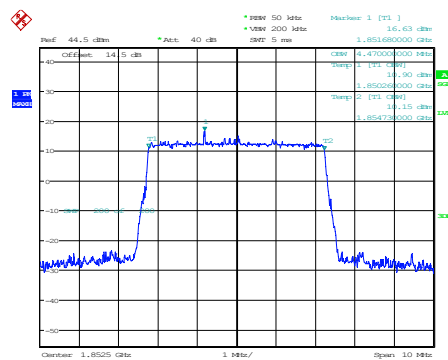
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:13:38

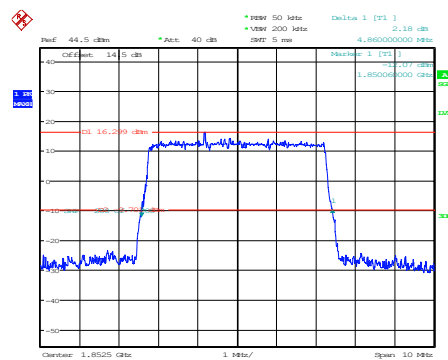
5MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:14:26

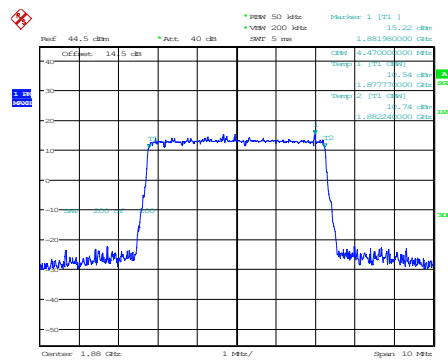
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:14:50

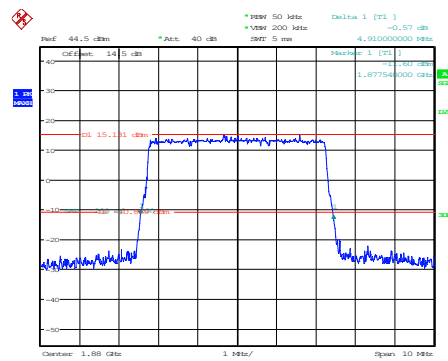
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:15:39

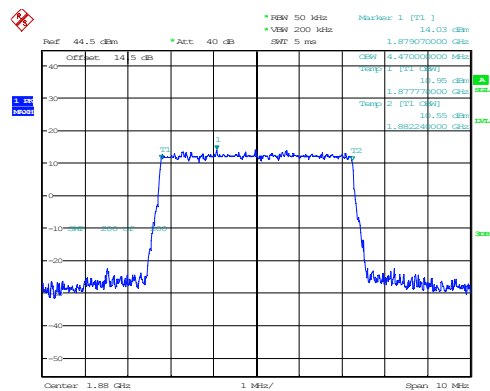
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:16:03

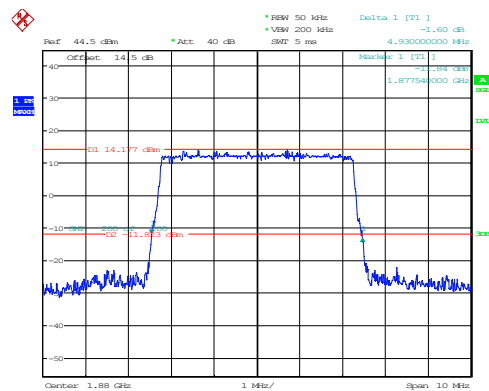
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:16:51

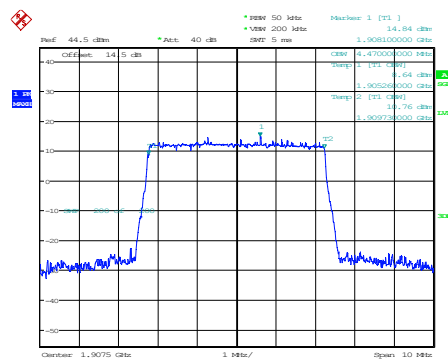
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:17:15

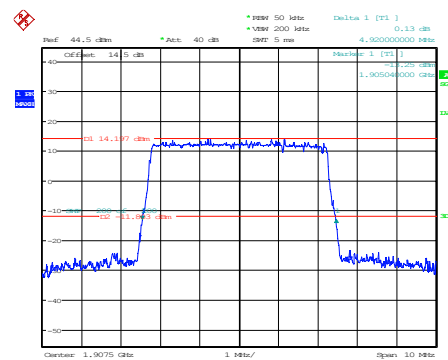
5MHz_High_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:18:12

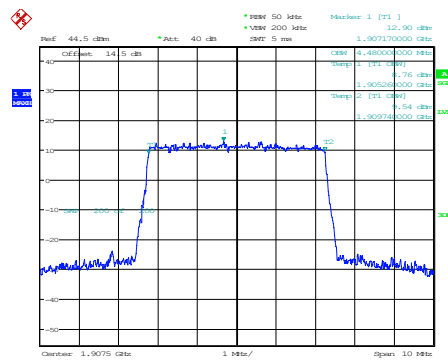
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:18:43

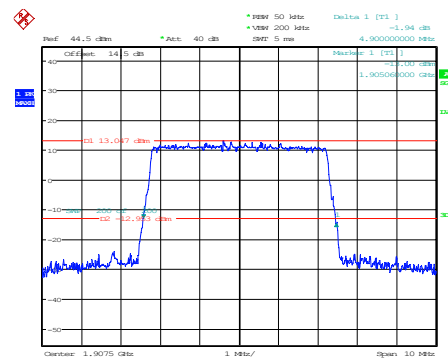
5MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:19:40

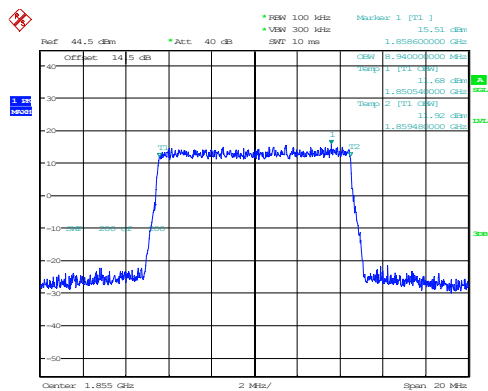
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:20:12

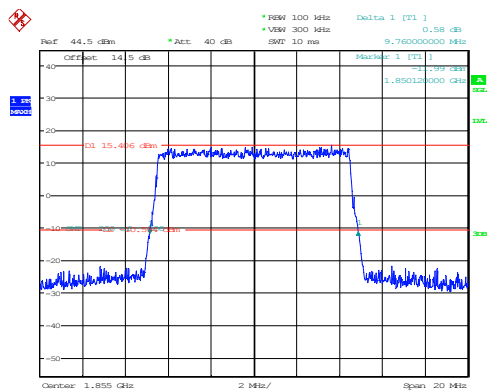
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:21:13

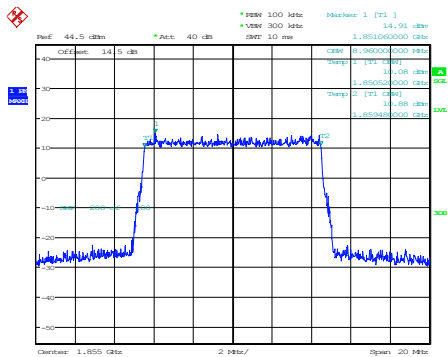
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:21:47

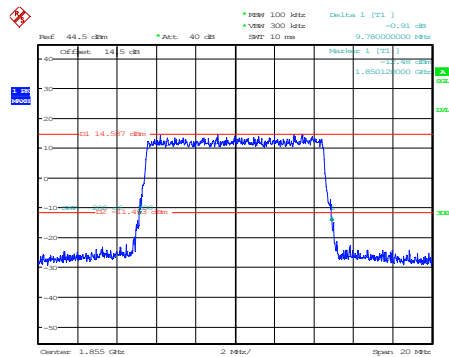
10MHz_Low_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:22:44

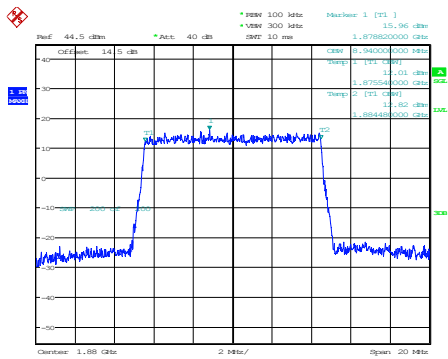
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:23:18

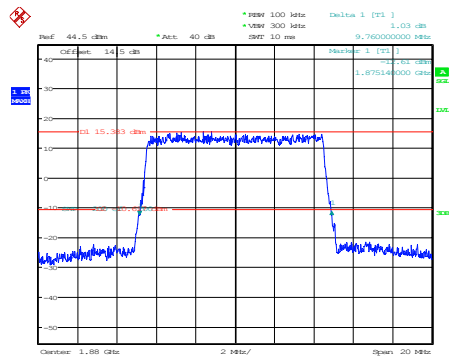
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:24:08

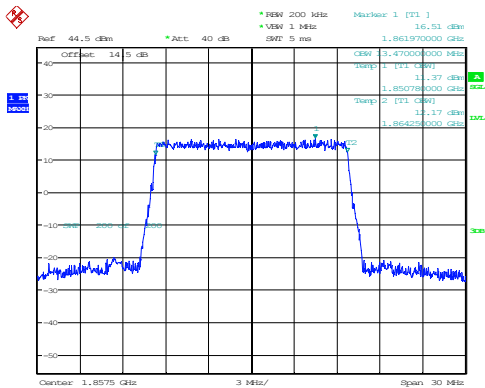
26dB Bandwidth



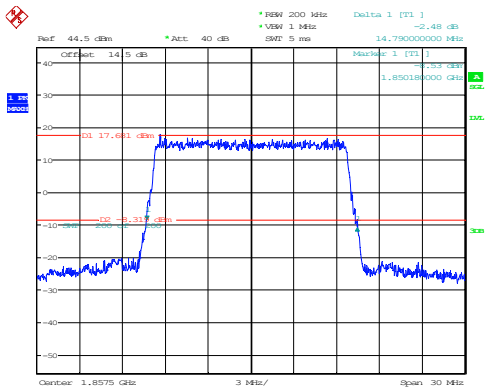
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:24:36

15MHz_Low_QPSK_75@0

Occupied Bandwidth

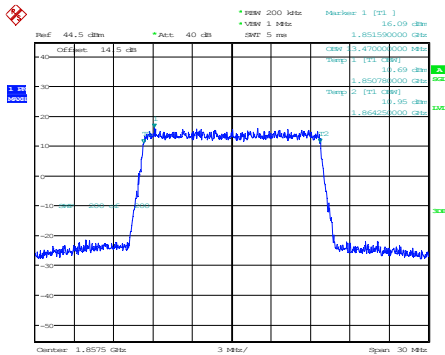


26dB Bandwidth

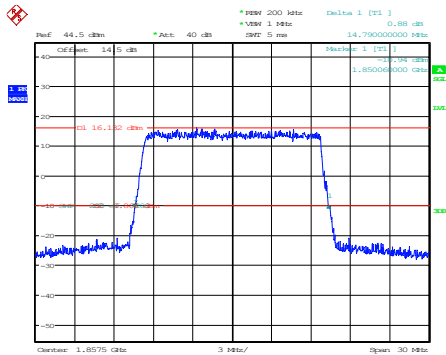


15MHz_Low_16QAM_75@0

Occupied Bandwidth

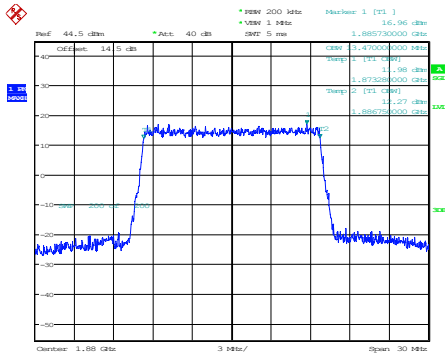


26dB Bandwidth

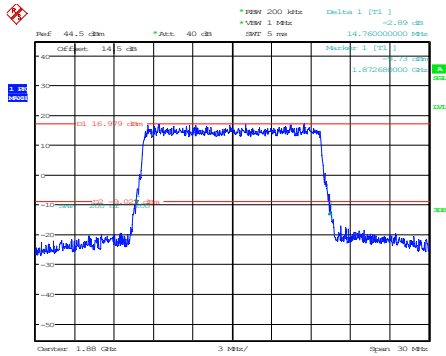


15MHz_Middle_QPSK_75@0

Occupied Bandwidth

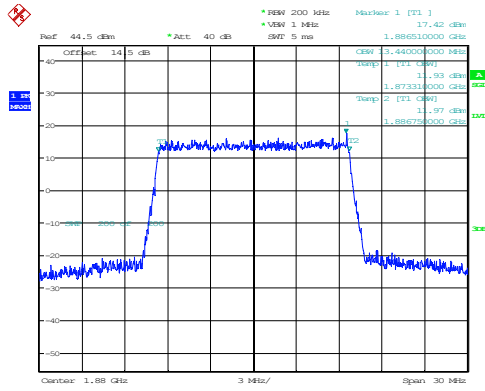


26dB Bandwidth



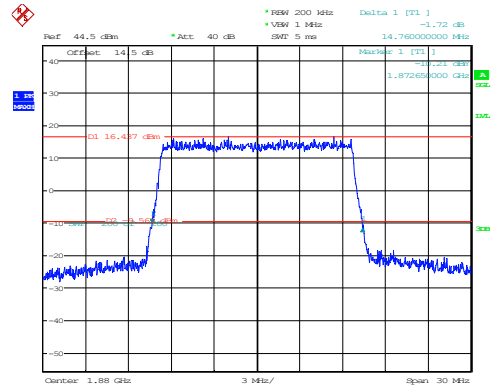
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:34:48

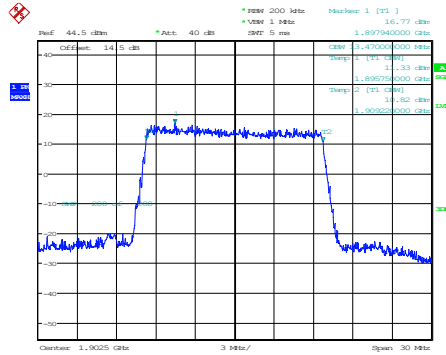
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:35:13

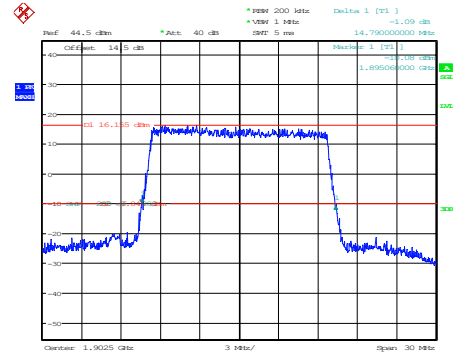
15MHz_High_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:36:12

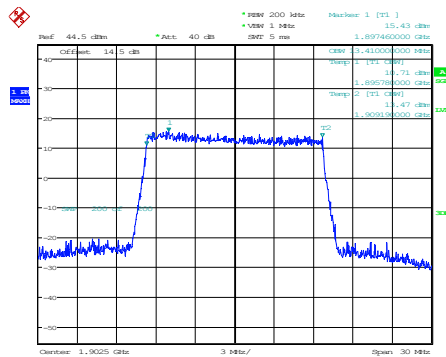
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:36:47

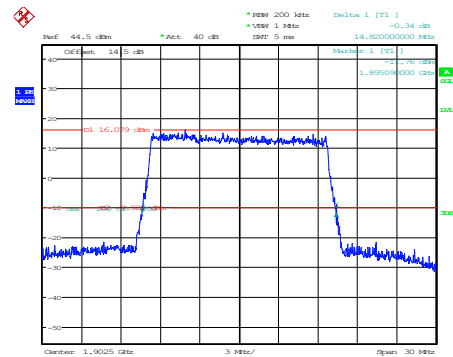
15MHz_High_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:37:49

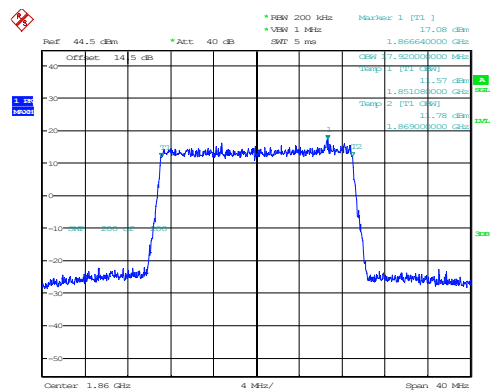
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:38:23

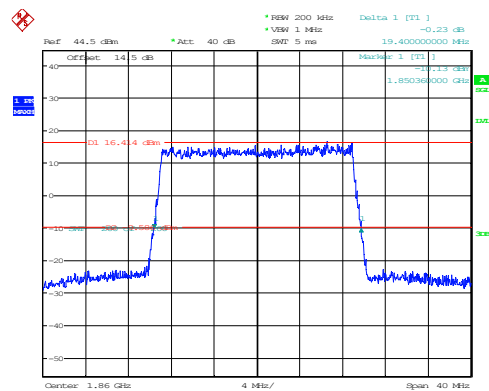
20MHz_Low_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:39:29

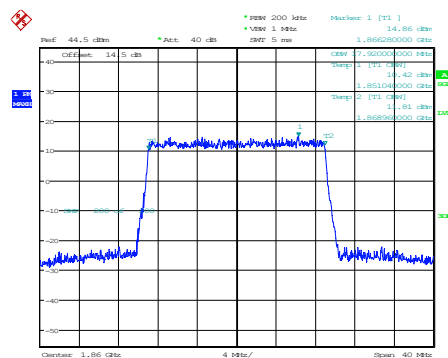
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:40:04

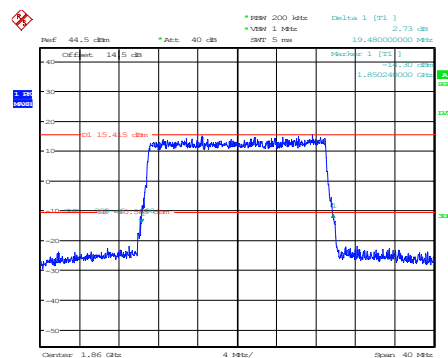
20MHz_Low_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:41:05

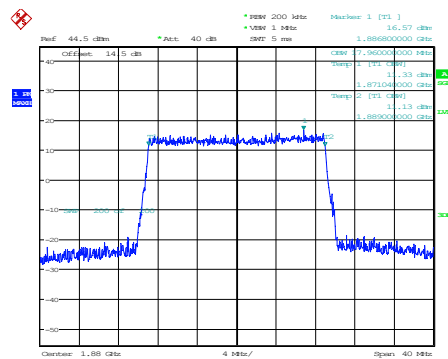
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:41:41

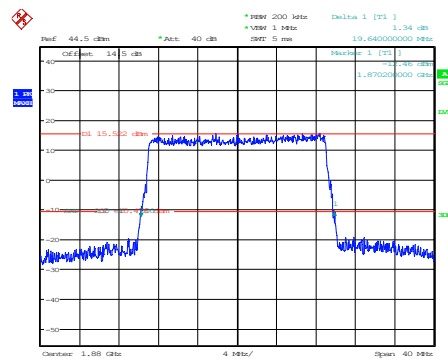
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:42:36

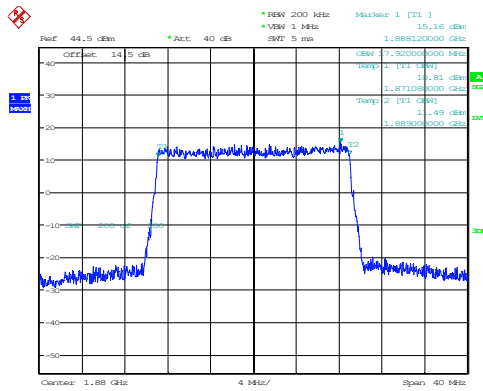
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:43:08

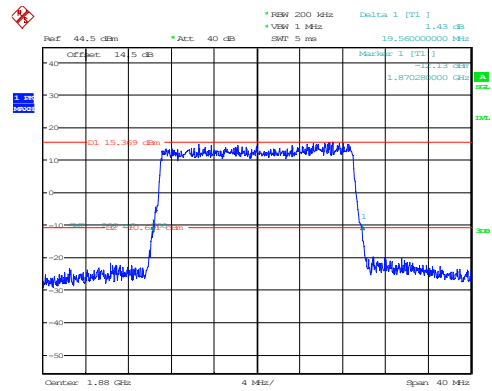
20MHz_Middle_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:44:13

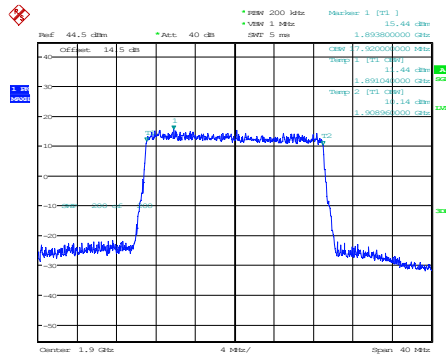
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:44:45

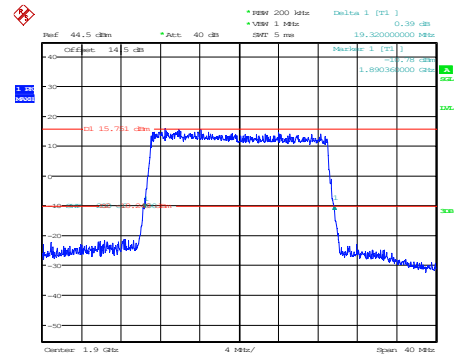
20MHz_High_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:45:45

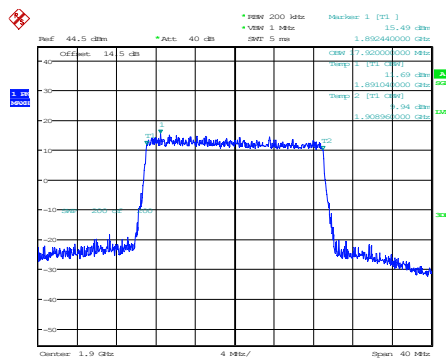
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:46:20

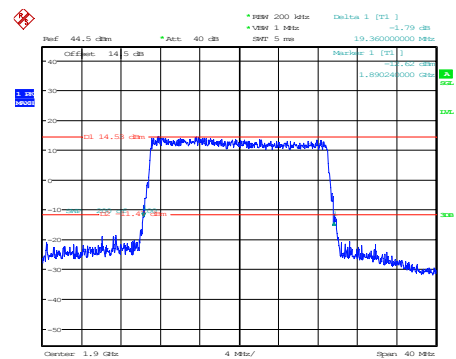
20MHz_High_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:47:17

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 26.APR.2025 00:47:51

FCC Part 27

LTE Band 4 , Normal

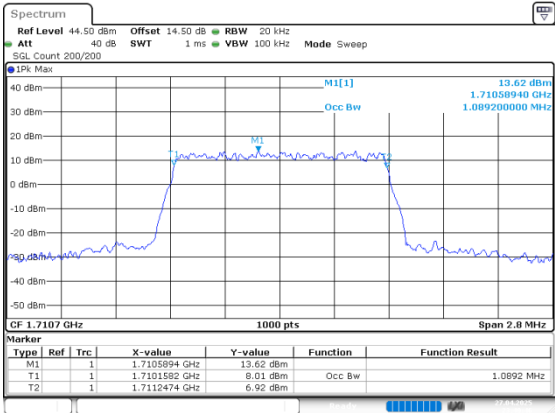
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.089	1.236
1.4MHz_Low_16QAM_6@0	1.084	1.239
1.4MHz_Middle_QPSK_6@0	1.075	1.244
1.4MHz_Middle_16QAM_6@0	1.081	1.233
1.4MHz_High_QPSK_6@0	1.078	1.233
1.4MHz_High_16QAM_6@0	1.084	1.233
3MHz_Low_QPSK_15@0	2.688	3.033
3MHz_Low_16QAM_15@0	2.694	2.991
3MHz_Middle_QPSK_15@0	2.700	2.997
3MHz_Middle_16QAM_15@0	2.682	2.997
3MHz_High_QPSK_15@0	2.682	2.979
3MHz_High_16QAM_15@0	2.688	3.069
5MHz_Low_QPSK_25@0	4.460	4.905
5MHz_Low_16QAM_25@0	4.480	4.885
5MHz_Middle_QPSK_25@0	4.470	4.885
5MHz_Middle_16QAM_25@0	4.470	4.895
5MHz_High_QPSK_25@0	4.460	4.905
5MHz_High_16QAM_25@0	4.460	4.875
10MHz_Low_QPSK_50@0	8.940	9.710
10MHz_Low_16QAM_50@0	8.940	9.730
10MHz_Middle_QPSK_50@0	8.940	9.630
10MHz_Middle_16QAM_50@0	8.960	9.730
10MHz_High_QPSK_50@0	8.940	9.730
10MHz_High_16QAM_50@0	8.920	9.730
15MHz_Low_QPSK_75@0	13.410	14.745
15MHz_Low_16QAM_75@0	13.410	14.625
15MHz_Middle_QPSK_75@0	13.440	14.715
15MHz_Middle_16QAM_75@0	13.470	14.715
15MHz_High_QPSK_75@0	13.470	14.805
15MHz_High_16QAM_75@0	13.440	14.715

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.880	19.139
20MHz_Low_16QAM_100@0	17.840	19.259
20MHz_Middle_QPSK_100@0	17.920	19.299
20MHz_Middle_16QAM_100@0	17.880	19.179
20MHz_High_QPSK_100@0	17.960	19.299
20MHz_High_16QAM_100@0	17.920	19.339

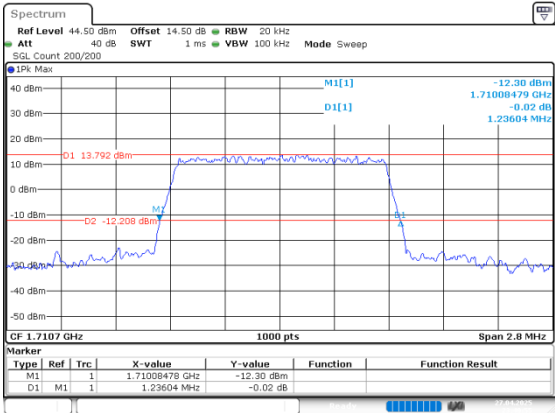
LTE Band 4 , Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

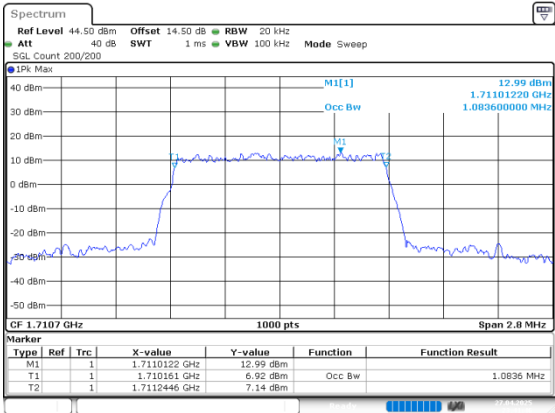


26dB Bandwidth

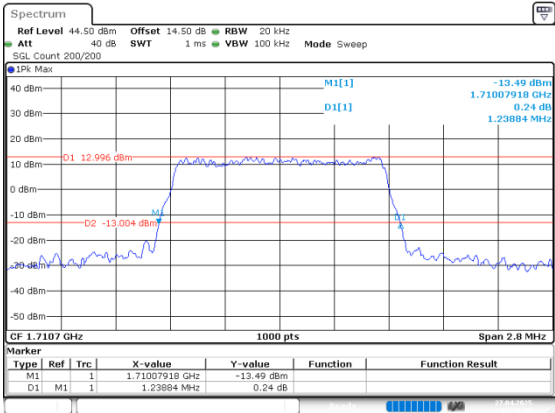


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

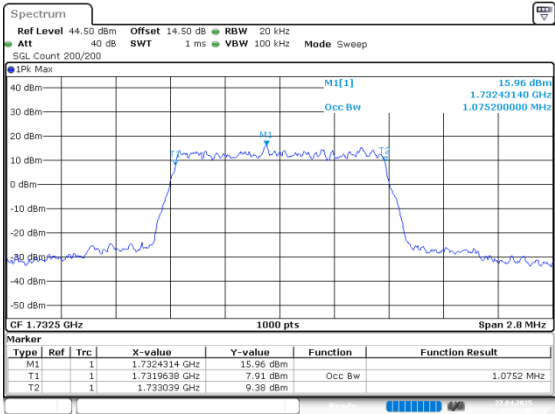


26dB Bandwidth

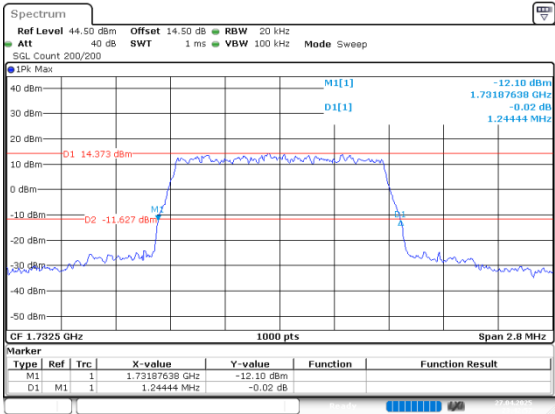


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth

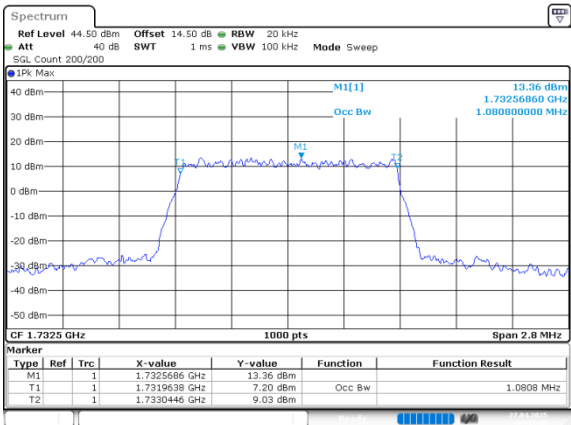


26dB Bandwidth



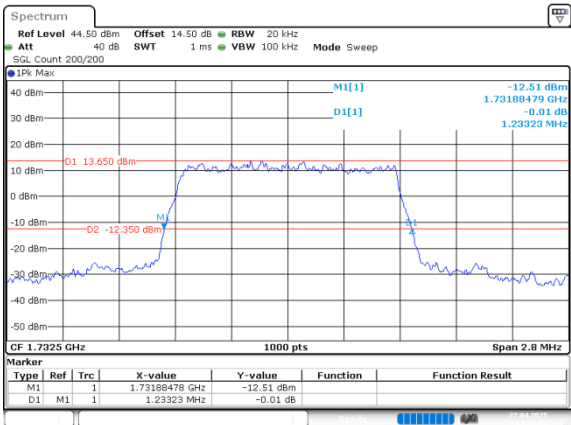
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:43:46

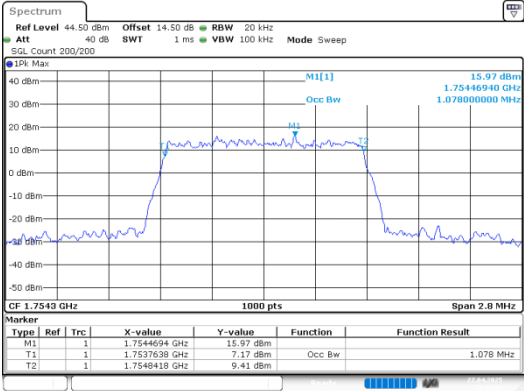
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:43:55

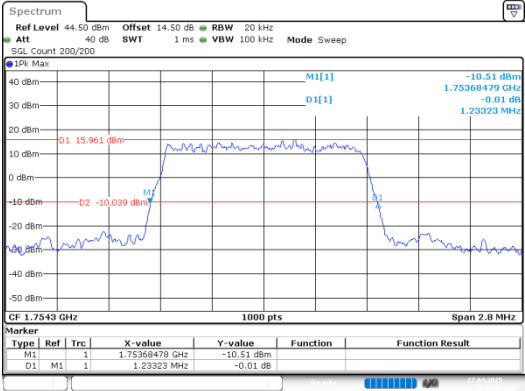
1.4MHz_High_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:44:43

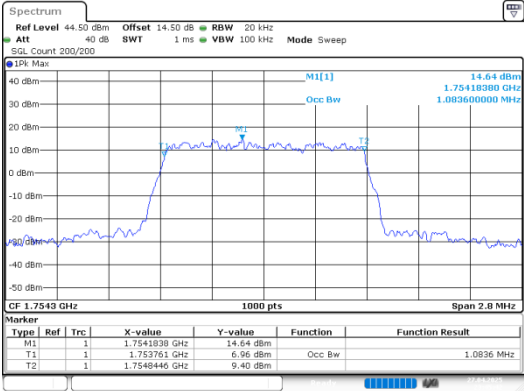
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:44:24

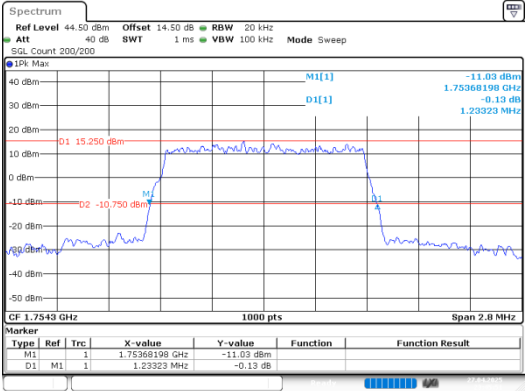
1.4MHz_High_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:45:43

26dB Bandwidth

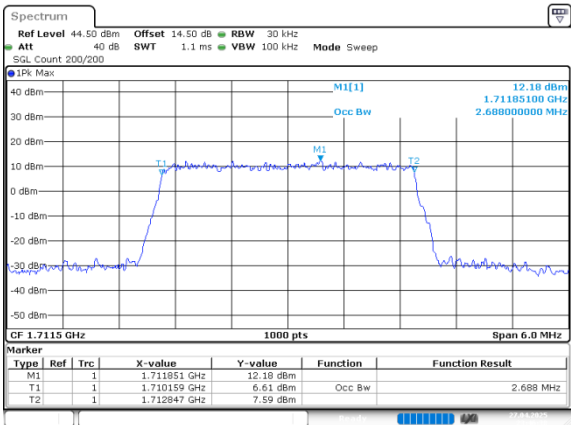


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:45:51

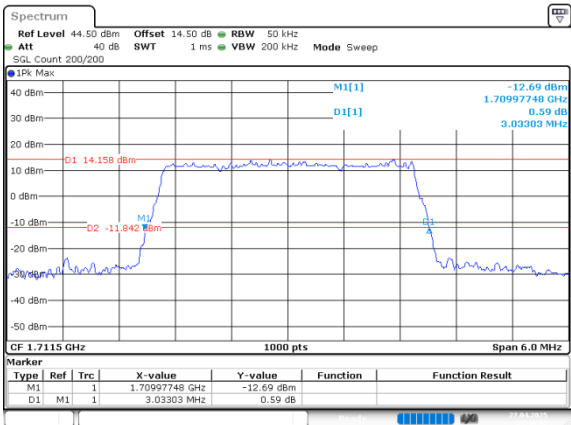
3MHz_Low_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:46:39

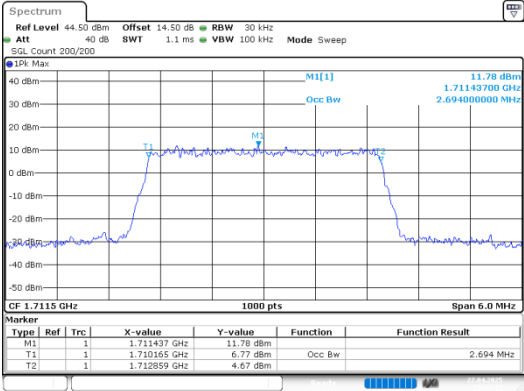


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:46:52

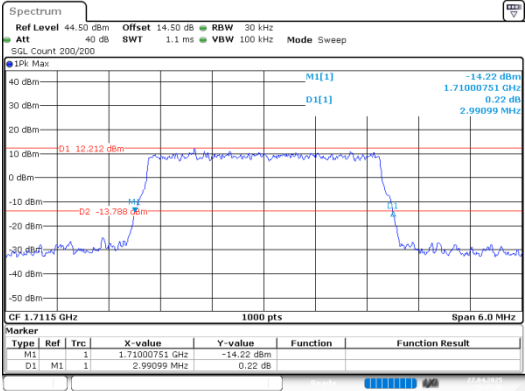
3MHz_Low_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:47:38

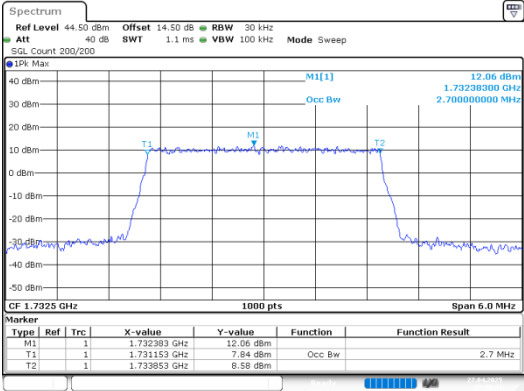


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:47:47

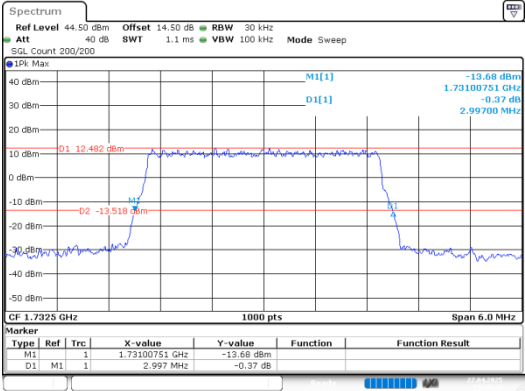
3MHz_Middle_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:48:31

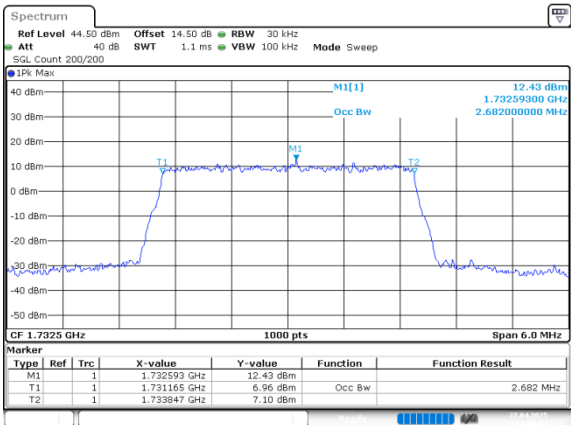


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:48:40

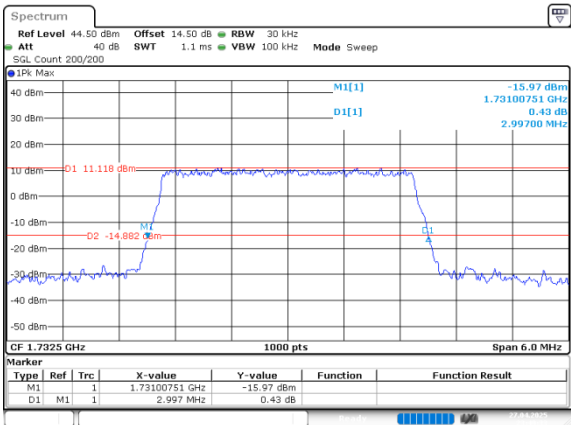
3MHz_Middle_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:49:24

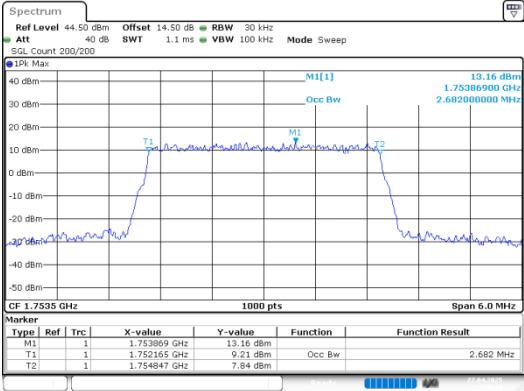


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:49:34

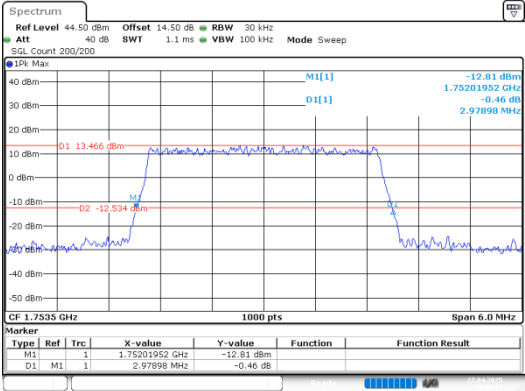
3MHz_High_QPSK_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:50:19

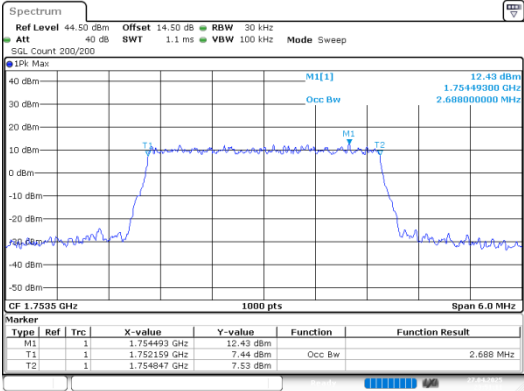


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:50:28

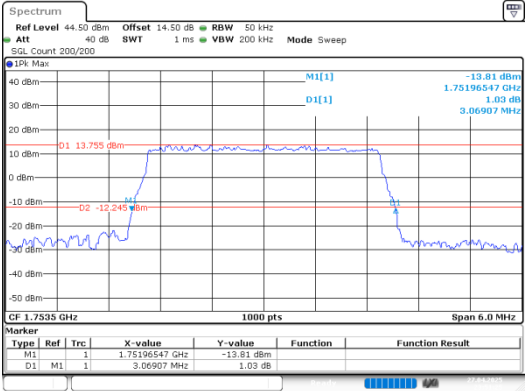
3MHz_High_16QAM_15@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:51:12

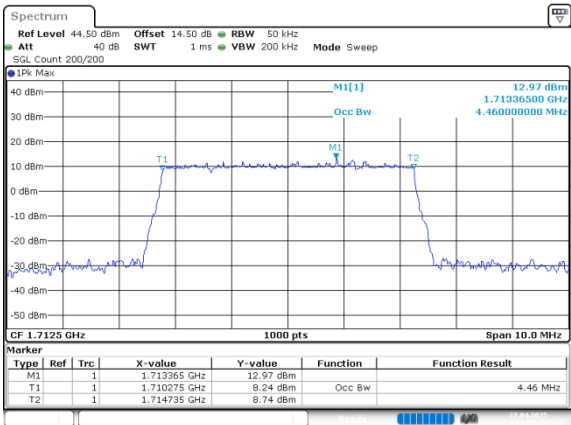


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:51:26

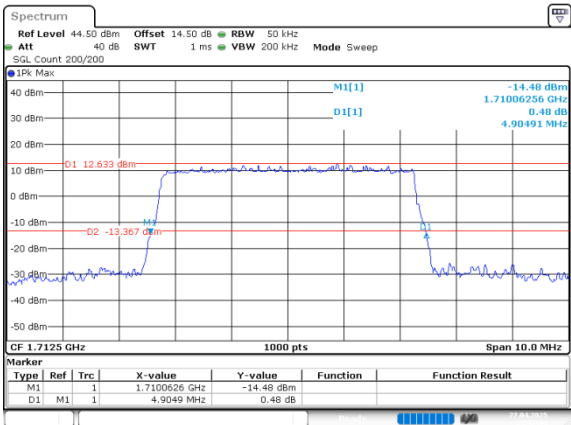
5MHz_Low_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:52:25

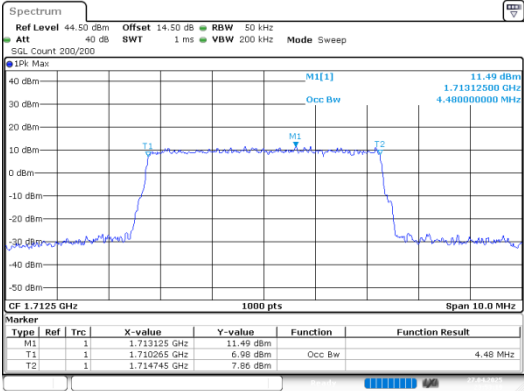


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:52:34

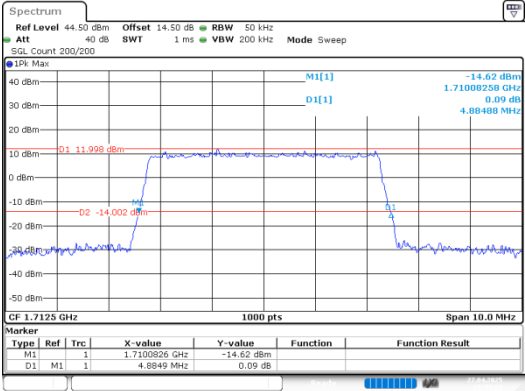
5MHz_Low_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:53:19

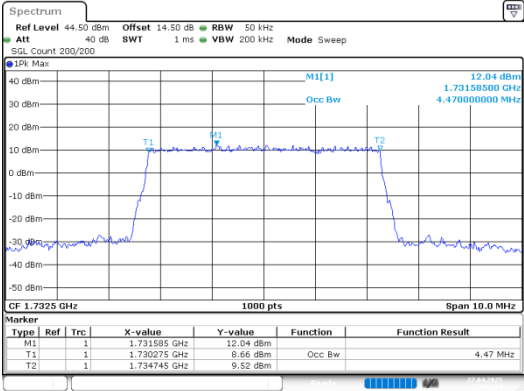


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:53:28

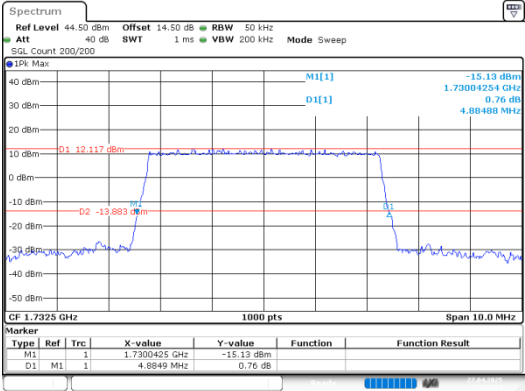
5MHz_Middle_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:54:19

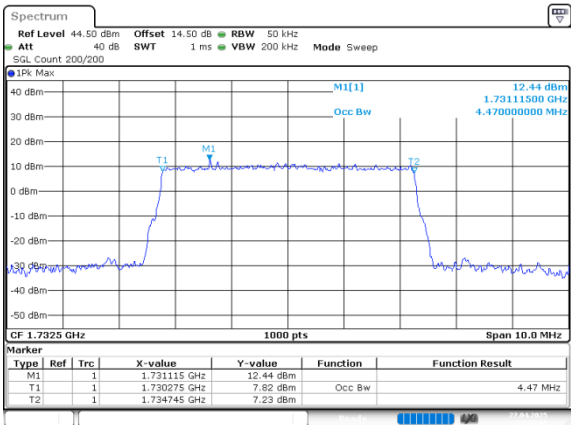


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:54:25

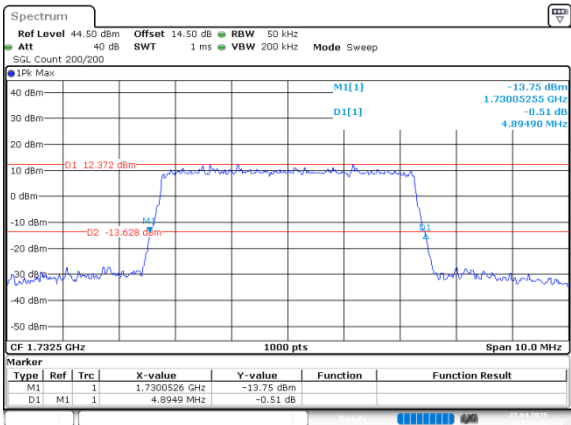
5MHz_Middle_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:55:10

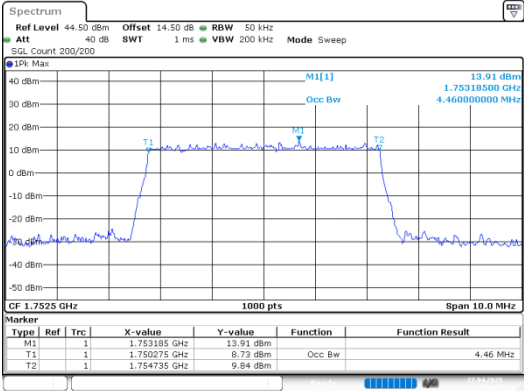


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:55:19

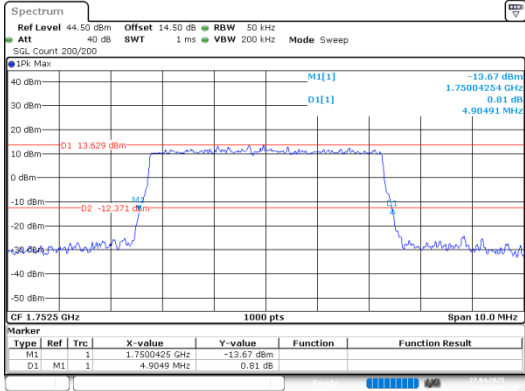
5MHz_High_QPSK_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:56:04

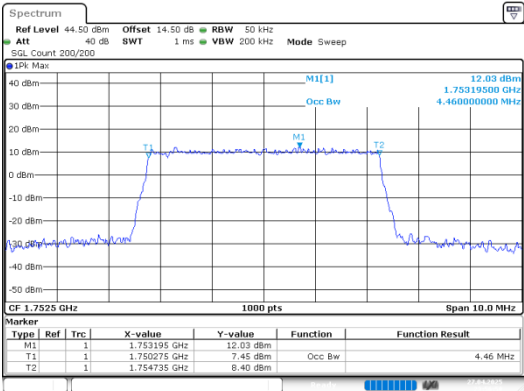


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:56:13

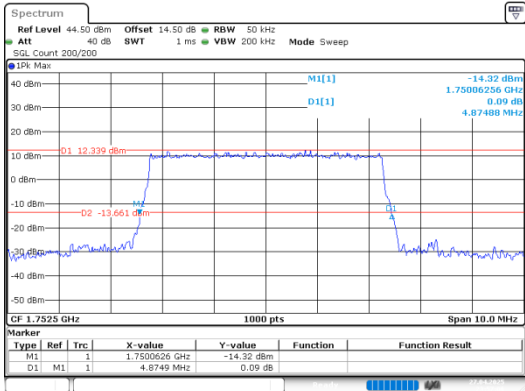
5MHz_High_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



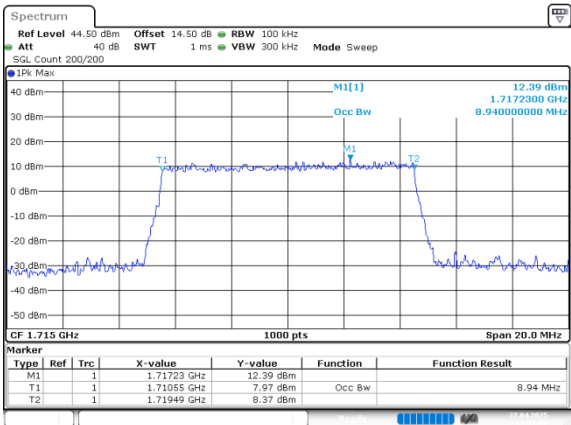
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:56:08



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:57:07

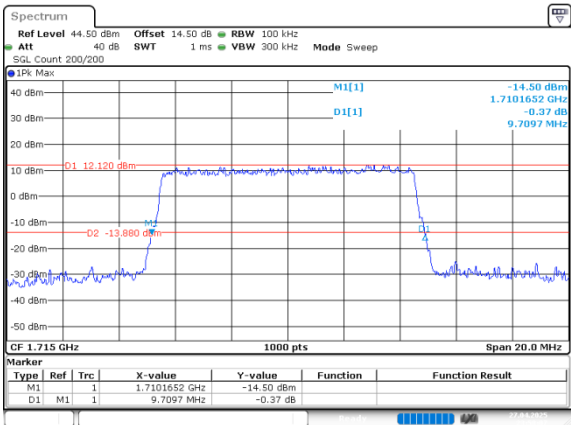
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:57:58

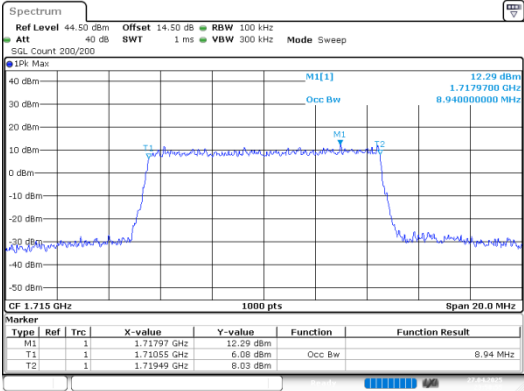
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:58:08

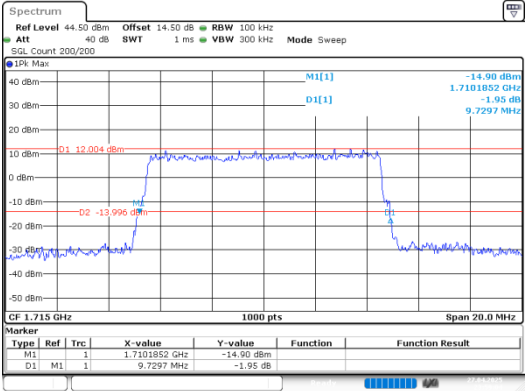
10MHz_Low_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:58:59

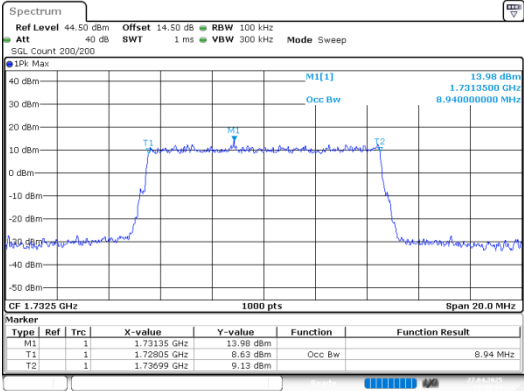
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:59:04

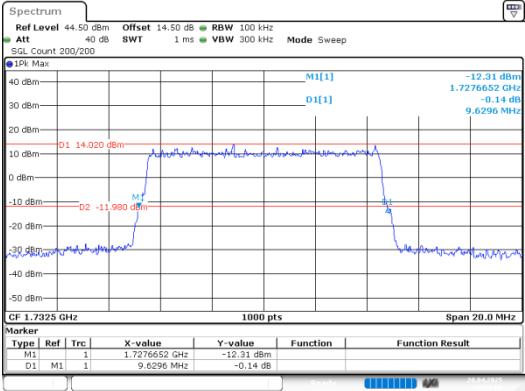
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 23:59:59

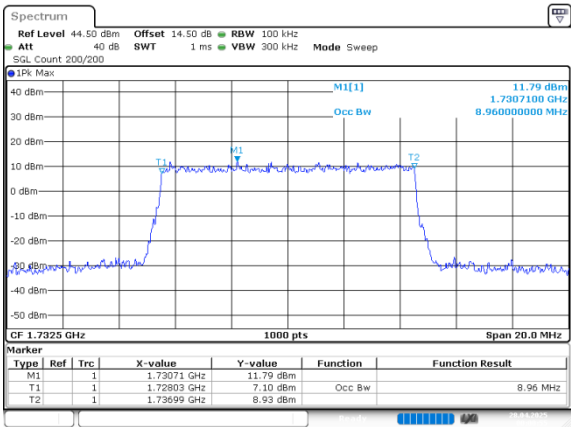
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:00:06

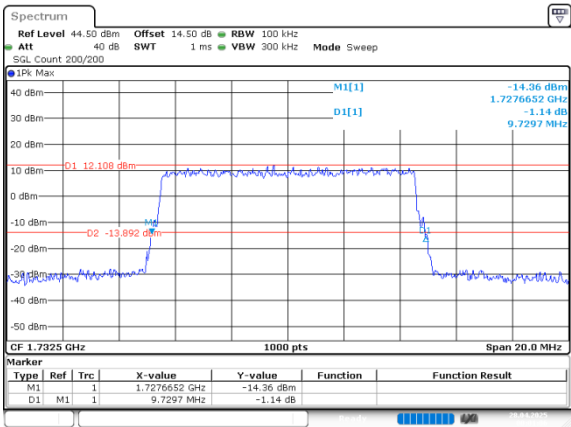
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:00:56

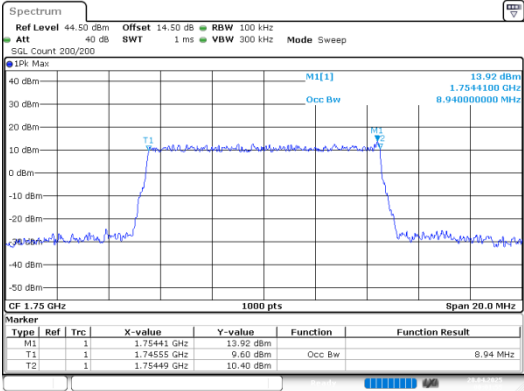
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:01:07

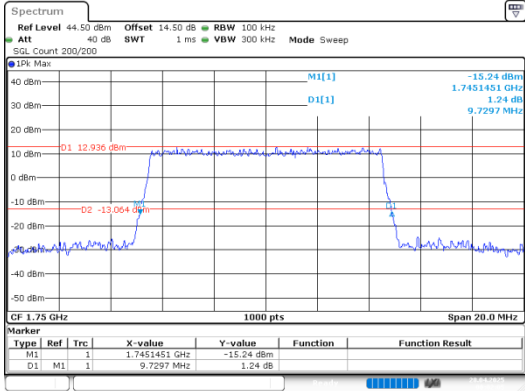
10MHz_High_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:01:56

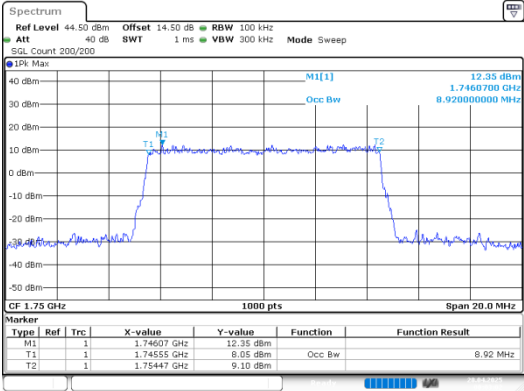
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:02:09

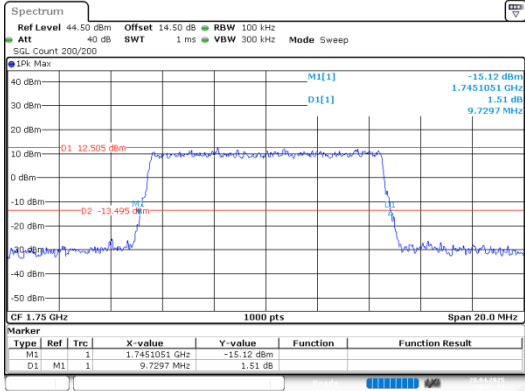
10MHz_High_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:03:02

26dB Bandwidth

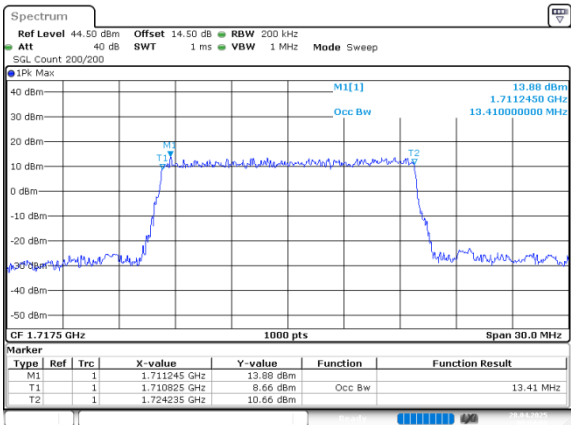


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:03:12

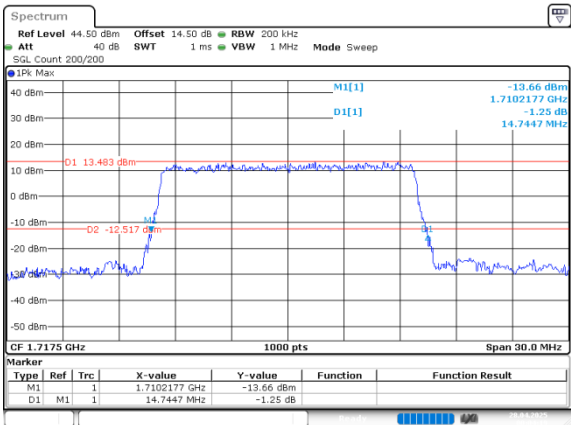
15MHz_Low_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:04:09

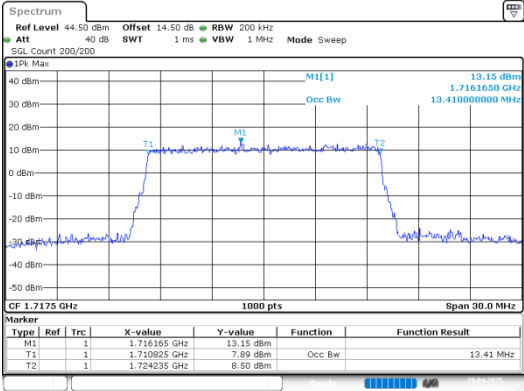


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:04:20

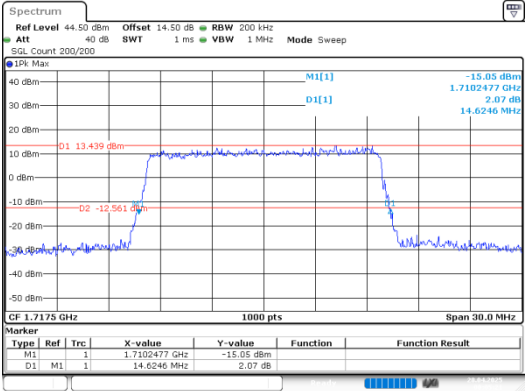
15MHz_Low_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:05:11

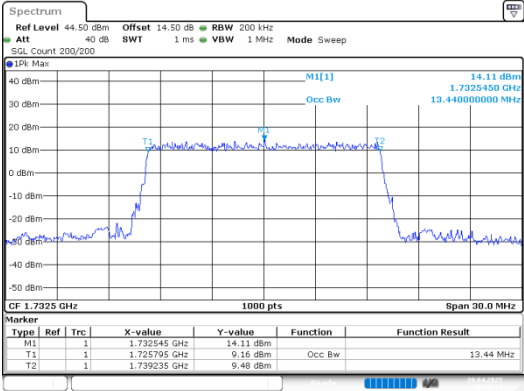


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:05:21

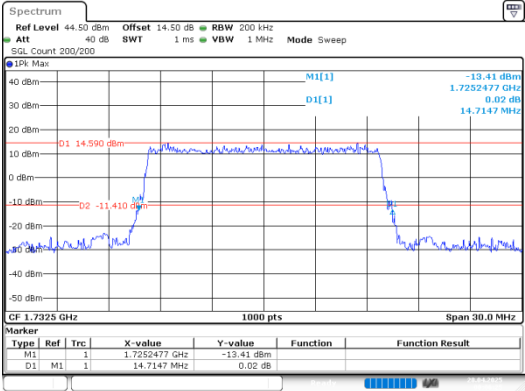
15MHz_Middle_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:06:14

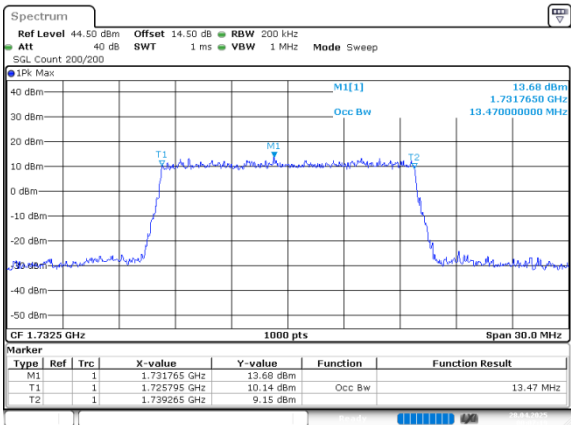


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:06:25

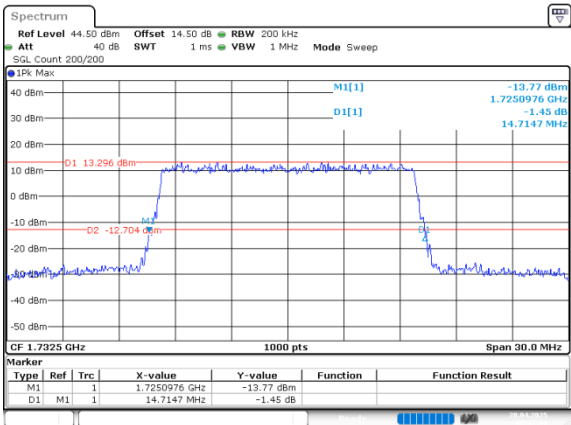
15MHz_Middle_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:07:20

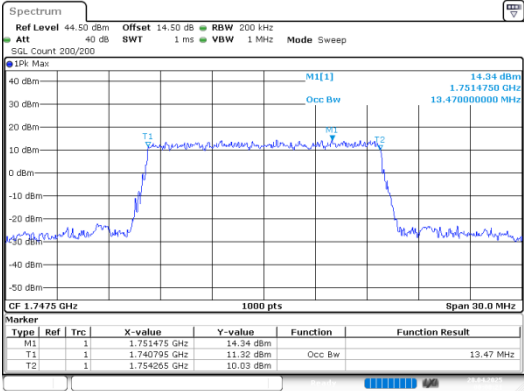


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:07:32

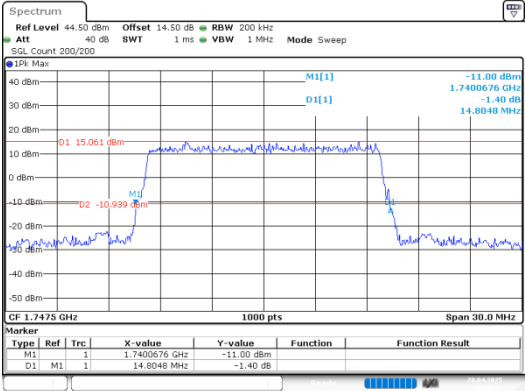
15MHz_High_QPSK_75@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:08:22

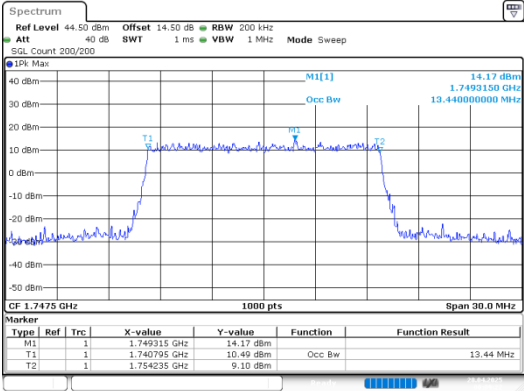


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:08:32

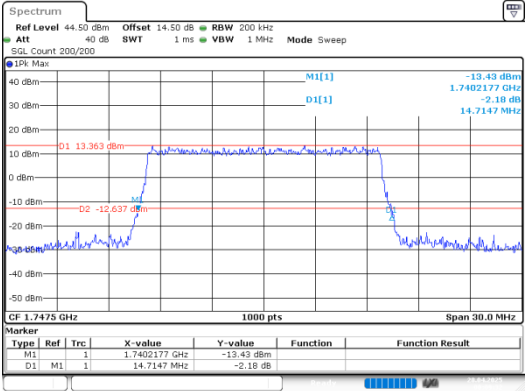
15MHz_High_16QAM_75@0

Occupied Bandwidth

26dB Bandwidth



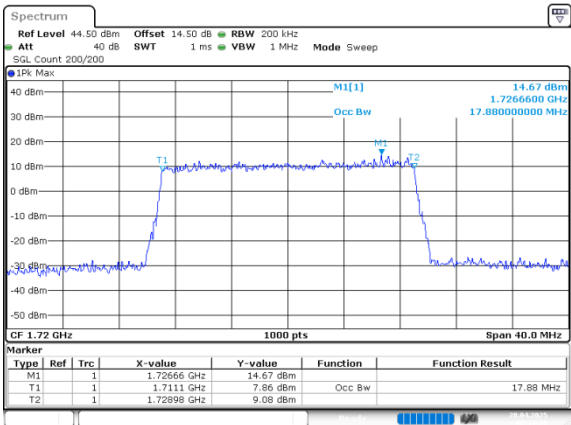
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:09:22



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:09:32

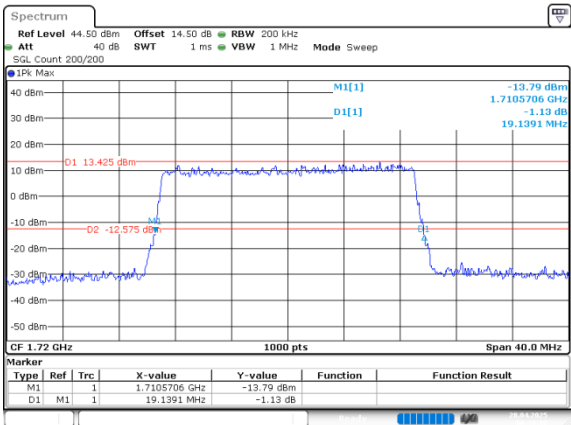
20MHz_Low_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:10:27

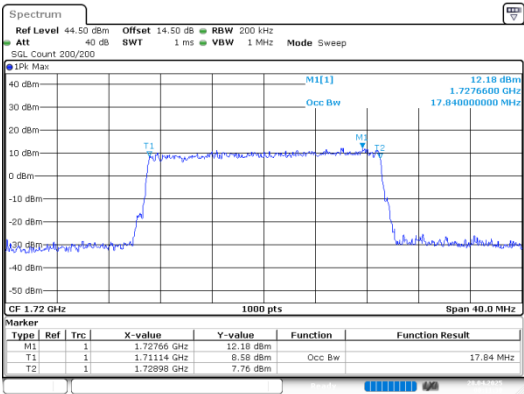
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:10:39

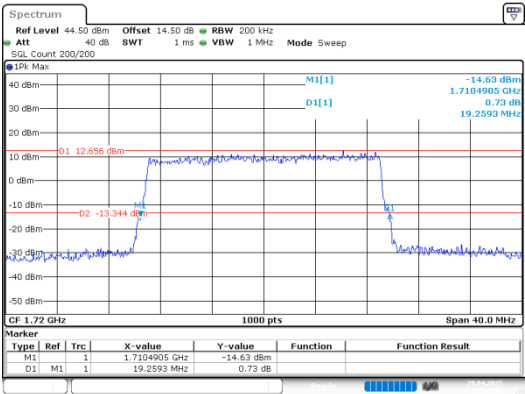
20MHz_Low_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:11:31

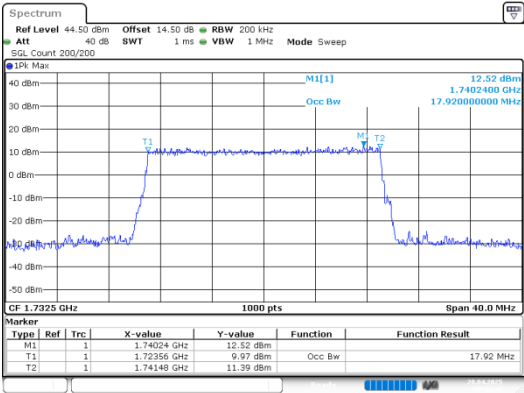
26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:11:43

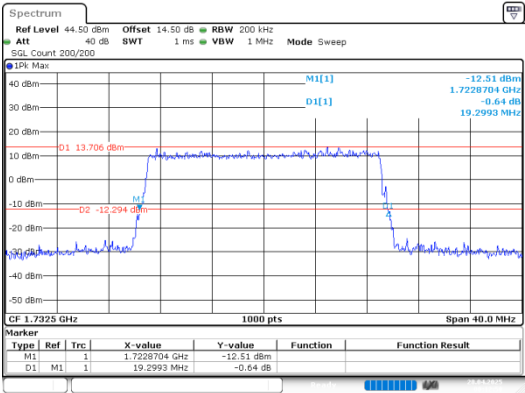
20MHz_Middle_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:12:46

26dB Bandwidth

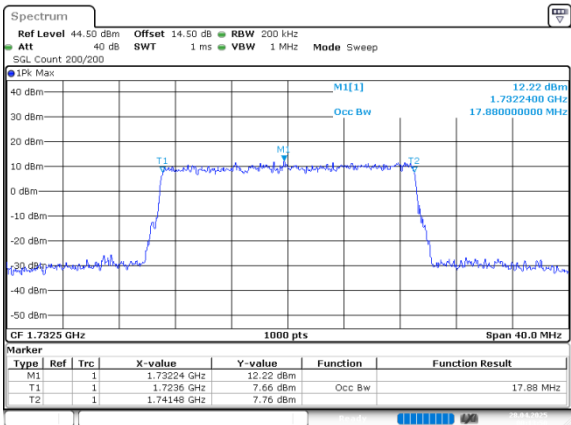


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:12:58

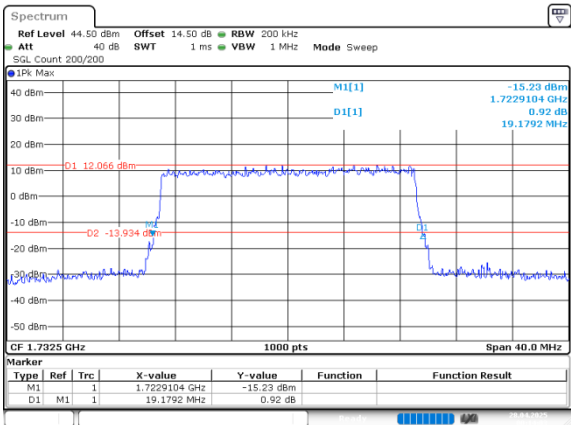
20MHz_Middle_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:13:51

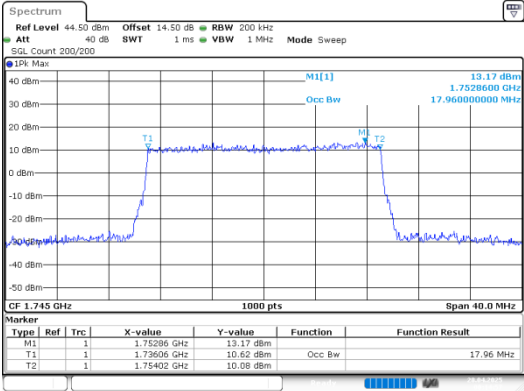


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:14:03

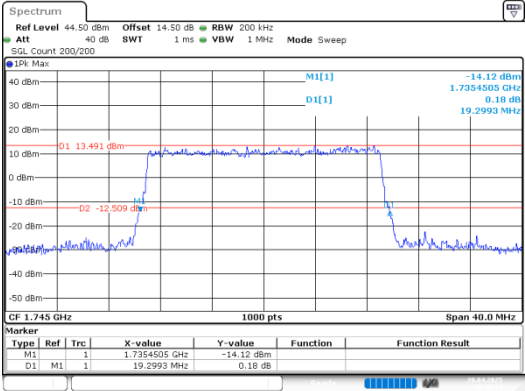
20MHz_High_QPSK_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:14:58

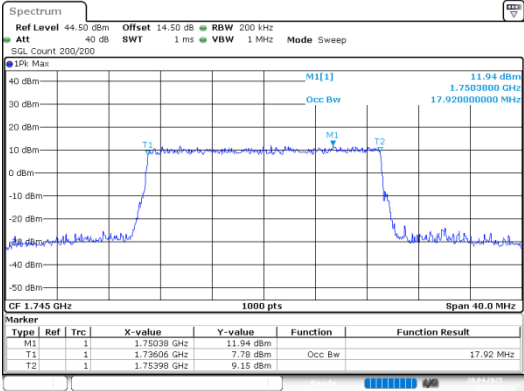


ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:15:11

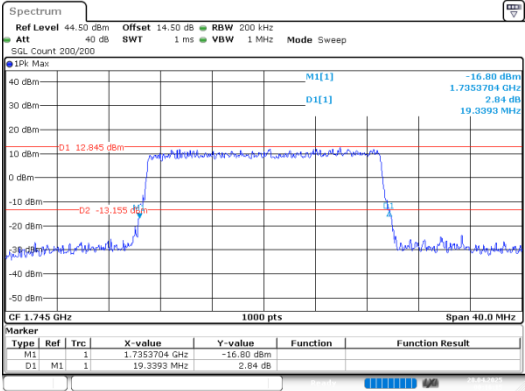
20MHz_High_16QAM_100@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:16:04



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 28.APR.2025 00:16:16

RF Output Power**FCC Part 24E****LTE Band 2 , Normal**

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	23.34	21.58	0.144	2	Pass
1.4MHz_Low_QPSK_1@3	23.39	21.63	0.146	2	Pass
1.4MHz_Low_QPSK_1@5	23.38	21.62	0.145	2	Pass
1.4MHz_Low_QPSK_3@0	23.25	21.49	0.141	2	Pass
1.4MHz_Low_QPSK_3@1	23.22	21.46	0.140	2	Pass
1.4MHz_Low_QPSK_3@3	23.27	21.51	0.142	2	Pass
1.4MHz_Low_QPSK_6@0	22.24	20.48	0.112	2	Pass
1.4MHz_Low_16QAM_1@0	22.80	21.04	0.127	2	Pass
1.4MHz_Low_16QAM_1@3	22.82	21.06	0.128	2	Pass
1.4MHz_Low_16QAM_1@5	22.82	21.06	0.128	2	Pass
1.4MHz_Low_16QAM_3@0	22.10	20.34	0.108	2	Pass
1.4MHz_Low_16QAM_3@1	22.13	20.37	0.109	2	Pass
1.4MHz_Low_16QAM_3@3	22.15	20.39	0.109	2	Pass
1.4MHz_Low_16QAM_6@0	21.41	19.65	0.092	2	Pass
1.4MHz_Middle_QPSK_1@0	23.36	21.60	0.145	2	Pass
1.4MHz_Middle_QPSK_1@3	23.33	21.57	0.144	2	Pass
1.4MHz_Middle_QPSK_1@5	23.34	21.58	0.144	2	Pass
1.4MHz_Middle_QPSK_3@0	23.17	21.41	0.138	2	Pass
1.4MHz_Middle_QPSK_3@1	23.22	21.46	0.140	2	Pass
1.4MHz_Middle_QPSK_3@3	23.18	21.42	0.139	2	Pass
1.4MHz_Middle_QPSK_6@0	22.16	20.40	0.110	2	Pass
1.4MHz_Middle_16QAM_1@0	22.82	21.06	0.128	2	Pass
1.4MHz_Middle_16QAM_1@3	22.89	21.13	0.130	2	Pass
1.4MHz_Middle_16QAM_1@5	22.71	20.95	0.124	2	Pass
1.4MHz_Middle_16QAM_3@0	22.30	20.54	0.113	2	Pass
1.4MHz_Middle_16QAM_3@1	22.34	20.58	0.114	2	Pass
1.4MHz_Middle_16QAM_3@3	22.30	20.54	0.113	2	Pass
1.4MHz_Middle_16QAM_6@0	21.06	19.30	0.085	2	Pass
1.4MHz_High_QPSK_1@0	23.10	21.34	0.136	2	Pass
1.4MHz_High_QPSK_1@3	23.07	21.31	0.135	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	23.06	21.30	0.135	2	Pass
1.4MHz_High_QPSK_3@0	22.83	21.07	0.128	2	Pass
1.4MHz_High_QPSK_3@1	22.86	21.10	0.129	2	Pass
1.4MHz_High_QPSK_3@3	22.81	21.05	0.127	2	Pass
1.4MHz_High_QPSK_6@0	21.75	19.99	0.100	2	Pass
1.4MHz_High_16QAM_1@0	23.27	21.51	0.142	2	Pass
1.4MHz_High_16QAM_1@3	23.21	21.45	0.140	2	Pass
1.4MHz_High_16QAM_1@5	23.25	21.49	0.141	2	Pass
1.4MHz_High_16QAM_3@0	21.97	20.21	0.105	2	Pass
1.4MHz_High_16QAM_3@1	21.98	20.22	0.105	2	Pass
1.4MHz_High_16QAM_3@3	21.93	20.17	0.104	2	Pass
1.4MHz_High_16QAM_6@0	20.77	19.01	0.080	2	Pass
3MHz_Low_QPSK_1@0	23.33	21.57	0.144	2	Pass
3MHz_Low_QPSK_1@8	23.26	21.50	0.141	2	Pass
3MHz_Low_QPSK_1@14	23.32	21.56	0.143	2	Pass
3MHz_Low_QPSK_8@0	22.24	20.48	0.112	2	Pass
3MHz_Low_QPSK_8@4	22.25	20.49	0.112	2	Pass
3MHz_Low_QPSK_8@7	22.23	20.47	0.111	2	Pass
3MHz_Low_QPSK_15@0	22.23	20.47	0.111	2	Pass
3MHz_Low_16QAM_1@0	22.81	21.05	0.127	2	Pass
3MHz_Low_16QAM_1@8	22.82	21.06	0.128	2	Pass
3MHz_Low_16QAM_1@14	22.76	21.00	0.126	2	Pass
3MHz_Low_16QAM_8@0	21.29	19.53	0.090	2	Pass
3MHz_Low_16QAM_8@4	21.25	19.49	0.089	2	Pass
3MHz_Low_16QAM_8@7	21.21	19.45	0.088	2	Pass
3MHz_Low_16QAM_15@0	21.27	19.51	0.089	2	Pass
3MHz_Middle_QPSK_1@0	23.37	21.61	0.145	2	Pass
3MHz_Middle_QPSK_1@8	23.32	21.56	0.143	2	Pass
3MHz_Middle_QPSK_1@14	23.30	21.54	0.143	2	Pass
3MHz_Middle_QPSK_8@0	22.20	20.44	0.111	2	Pass
3MHz_Middle_QPSK_8@4	22.12	20.36	0.109	2	Pass
3MHz_Middle_QPSK_8@7	22.10	20.34	0.108	2	Pass
3MHz_Middle_QPSK_15@0	22.06	20.30	0.107	2	Pass
3MHz_Middle_16QAM_1@0	22.85	21.09	0.129	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	22.82	21.06	0.128	2	Pass
3MHz_Middle_16QAM_1@14	22.85	21.09	0.129	2	Pass
3MHz_Middle_16QAM_8@0	21.20	19.44	0.088	2	Pass
3MHz_Middle_16QAM_8@4	21.12	19.36	0.086	2	Pass
3MHz_Middle_16QAM_8@7	21.10	19.34	0.086	2	Pass
3MHz_Middle_16QAM_15@0	21.06	19.30	0.085	2	Pass
3MHz_High_QPSK_1@0	22.83	21.07	0.128	2	Pass
3MHz_High_QPSK_1@8	22.83	21.07	0.128	2	Pass
3MHz_High_QPSK_1@14	22.79	21.03	0.127	2	Pass
3MHz_High_QPSK_8@0	21.67	19.91	0.098	2	Pass
3MHz_High_QPSK_8@4	21.75	19.99	0.100	2	Pass
3MHz_High_QPSK_8@7	21.71	19.95	0.099	2	Pass
3MHz_High_QPSK_15@0	21.79	20.03	0.101	2	Pass
3MHz_High_16QAM_1@0	23.08	21.32	0.136	2	Pass
3MHz_High_16QAM_1@8	23.05	21.29	0.135	2	Pass
3MHz_High_16QAM_1@14	23.01	21.25	0.133	2	Pass
3MHz_High_16QAM_8@0	20.59	18.83	0.076	2	Pass
3MHz_High_16QAM_8@4	20.64	18.88	0.077	2	Pass
3MHz_High_16QAM_8@7	20.64	18.88	0.077	2	Pass
3MHz_High_16QAM_15@0	20.81	19.05	0.080	2	Pass
5MHz_Low_QPSK_1@0	23.42	21.66	0.147	2	Pass
5MHz_Low_QPSK_1@12	23.39	21.63	0.146	2	Pass
5MHz_Low_QPSK_1@24	23.42	21.66	0.147	2	Pass
5MHz_Low_QPSK_12@0	22.22	20.46	0.111	2	Pass
5MHz_Low_QPSK_12@7	22.23	20.47	0.111	2	Pass
5MHz_Low_QPSK_12@13	22.16	20.40	0.110	2	Pass
5MHz_Low_QPSK_25@0	22.22	20.46	0.111	2	Pass
5MHz_Low_16QAM_1@0	22.80	21.04	0.127	2	Pass
5MHz_Low_16QAM_1@12	22.73	20.97	0.125	2	Pass
5MHz_Low_16QAM_1@24	22.77	21.01	0.126	2	Pass
5MHz_Low_16QAM_12@0	21.03	19.27	0.085	2	Pass
5MHz_Low_16QAM_12@7	21.04	19.28	0.085	2	Pass
5MHz_Low_16QAM_12@13	21.10	19.34	0.086	2	Pass
5MHz_Low_16QAM_25@0	21.28	19.52	0.090	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	22.91	21.15	0.130	2	Pass
5MHz_Middle_QPSK_1@12	22.99	21.23	0.133	2	Pass
5MHz_Middle_QPSK_1@24	22.89	21.13	0.130	2	Pass
5MHz_Middle_QPSK_12@0	22.14	20.38	0.109	2	Pass
5MHz_Middle_QPSK_12@7	22.09	20.33	0.108	2	Pass
5MHz_Middle_QPSK_12@13	22.06	20.30	0.107	2	Pass
5MHz_Middle_QPSK_25@0	22.09	20.33	0.108	2	Pass
5MHz_Middle_16QAM_1@0	22.77	21.01	0.126	2	Pass
5MHz_Middle_16QAM_1@12	22.74	20.98	0.125	2	Pass
5MHz_Middle_16QAM_1@24	22.76	21.00	0.126	2	Pass
5MHz_Middle_16QAM_12@0	21.19	19.43	0.088	2	Pass
5MHz_Middle_16QAM_12@7	21.14	19.38	0.087	2	Pass
5MHz_Middle_16QAM_12@13	21.13	19.37	0.086	2	Pass
5MHz_Middle_16QAM_25@0	21.11	19.35	0.086	2	Pass
5MHz_High_QPSK_1@0	22.68	20.92	0.124	2	Pass
5MHz_High_QPSK_1@12	22.71	20.95	0.124	2	Pass
5MHz_High_QPSK_1@24	22.70	20.94	0.124	2	Pass
5MHz_High_QPSK_12@0	21.75	19.99	0.100	2	Pass
5MHz_High_QPSK_12@7	21.75	19.99	0.100	2	Pass
5MHz_High_QPSK_12@13	21.72	19.96	0.099	2	Pass
5MHz_High_QPSK_25@0	21.79	20.03	0.101	2	Pass
5MHz_High_16QAM_1@0	22.24	20.48	0.112	2	Pass
5MHz_High_16QAM_1@12	22.16	20.40	0.110	2	Pass
5MHz_High_16QAM_1@24	22.16	20.40	0.110	2	Pass
5MHz_High_16QAM_12@0	20.75	18.99	0.079	2	Pass
5MHz_High_16QAM_12@7	20.75	18.99	0.079	2	Pass
5MHz_High_16QAM_12@13	20.66	18.90	0.078	2	Pass
5MHz_High_16QAM_25@0	20.93	19.17	0.083	2	Pass
10MHz_Low_QPSK_1@0	23.22	21.46	0.140	2	Pass
10MHz_Low_QPSK_1@25	23.20	21.44	0.139	2	Pass
10MHz_Low_QPSK_1@49	23.21	21.45	0.140	2	Pass
10MHz_Low_QPSK_25@0	22.23	20.47	0.111	2	Pass
10MHz_Low_QPSK_25@12	22.24	20.48	0.112	2	Pass
10MHz_Low_QPSK_25@25	22.20	20.44	0.111	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.27	20.51	0.112	2	Pass
10MHz_Low_16QAM_1@0	23.40	21.64	0.146	2	Pass
10MHz_Low_16QAM_1@25	23.42	21.66	0.147	2	Pass
10MHz_Low_16QAM_1@49	23.43	21.67	0.147	2	Pass
10MHz_Low_16QAM_25@0	21.27	19.51	0.089	2	Pass
10MHz_Low_16QAM_25@12	21.29	19.53	0.090	2	Pass
10MHz_Low_16QAM_25@25	21.28	19.52	0.090	2	Pass
10MHz_Low_16QAM_50@0	21.27	19.51	0.089	2	Pass
10MHz_Middle_QPSK_1@0	23.25	21.49	0.141	2	Pass
10MHz_Middle_QPSK_1@25	23.24	21.48	0.141	2	Pass
10MHz_Middle_QPSK_1@49	23.15	21.39	0.138	2	Pass
10MHz_Middle_QPSK_25@0	22.09	20.33	0.108	2	Pass
10MHz_Middle_QPSK_25@12	22.07	20.31	0.107	2	Pass
10MHz_Middle_QPSK_25@25	22.17	20.41	0.110	2	Pass
10MHz_Middle_QPSK_50@0	22.05	20.29	0.107	2	Pass
10MHz_Middle_16QAM_1@0	22.81	21.05	0.127	2	Pass
10MHz_Middle_16QAM_1@25	22.77	21.01	0.126	2	Pass
10MHz_Middle_16QAM_1@49	22.75	20.99	0.126	2	Pass
10MHz_Middle_16QAM_25@0	21.11	19.35	0.086	2	Pass
10MHz_Middle_16QAM_25@12	21.16	19.40	0.087	2	Pass
10MHz_Middle_16QAM_25@25	21.18	19.42	0.087	2	Pass
10MHz_Middle_16QAM_50@0	21.17	19.41	0.087	2	Pass
10MHz_High_QPSK_1@0	22.87	21.11	0.129	2	Pass
10MHz_High_QPSK_1@25	22.76	21.00	0.126	2	Pass
10MHz_High_QPSK_1@49	22.81	21.05	0.127	2	Pass
10MHz_High_QPSK_25@0	21.85	20.09	0.102	2	Pass
10MHz_High_QPSK_25@12	21.71	19.95	0.099	2	Pass
10MHz_High_QPSK_25@25	21.75	19.99	0.100	2	Pass
10MHz_High_QPSK_50@0	21.81	20.05	0.101	2	Pass
10MHz_High_16QAM_1@0	23.08	21.32	0.136	2	Pass
10MHz_High_16QAM_1@25	23.04	21.28	0.134	2	Pass
10MHz_High_16QAM_1@49	23.03	21.27	0.134	2	Pass
10MHz_High_16QAM_25@0	20.84	19.08	0.081	2	Pass
10MHz_High_16QAM_25@12	20.75	18.99	0.079	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	20.68	18.92	0.078	2	Pass
10MHz_High_16QAM_50@0	20.88	19.12	0.082	2	Pass
15MHz_Low_QPSK_1@0	23.26	21.50	0.141	2	Pass
15MHz_Low_QPSK_1@37	23.21	21.45	0.140	2	Pass
15MHz_Low_QPSK_1@74	23.10	21.34	0.136	2	Pass
15MHz_Low_QPSK_36@0	22.24	20.48	0.112	2	Pass
15MHz_Low_QPSK_36@20	22.21	20.45	0.111	2	Pass
15MHz_Low_QPSK_36@39	22.15	20.39	0.109	2	Pass
15MHz_Low_QPSK_75@0	22.18	20.42	0.110	2	Pass
15MHz_Low_16QAM_1@0	23.42	21.66	0.147	2	Pass
15MHz_Low_16QAM_1@37	23.41	21.65	0.146	2	Pass
15MHz_Low_16QAM_1@74	23.38	21.62	0.145	2	Pass
15MHz_Low_16QAM_36@0	21.21	19.45	0.088	2	Pass
15MHz_Low_16QAM_36@20	21.15	19.39	0.087	2	Pass
15MHz_Low_16QAM_36@39	21.62	19.86	0.097	2	Pass
15MHz_Low_16QAM_75@0	21.18	19.42	0.087	2	Pass
15MHz_Middle_QPSK_1@0	23.14	21.38	0.137	2	Pass
15MHz_Middle_QPSK_1@37	23.21	21.45	0.140	2	Pass
15MHz_Middle_QPSK_1@74	23.10	21.34	0.136	2	Pass
15MHz_Middle_QPSK_36@0	22.15	20.39	0.109	2	Pass
15MHz_Middle_QPSK_36@20	22.14	20.38	0.109	2	Pass
15MHz_Middle_QPSK_36@39	22.12	20.36	0.109	2	Pass
15MHz_Middle_QPSK_75@0	22.08	20.32	0.108	2	Pass
15MHz_Middle_16QAM_1@0	23.74	21.98	0.158	2	Pass
15MHz_Middle_16QAM_1@37	23.71	21.95	0.157	2	Pass
15MHz_Middle_16QAM_1@74	23.59	21.83	0.152	2	Pass
15MHz_Middle_16QAM_36@0	21.23	19.47	0.089	2	Pass
15MHz_Middle_16QAM_36@20	21.15	19.39	0.087	2	Pass
15MHz_Middle_16QAM_36@39	21.24	19.48	0.089	2	Pass
15MHz_Middle_16QAM_75@0	21.23	19.47	0.089	2	Pass
15MHz_High_QPSK_1@0	23.03	21.27	0.134	2	Pass
15MHz_High_QPSK_1@37	22.86	21.10	0.129	2	Pass
15MHz_High_QPSK_1@74	22.83	21.07	0.128	2	Pass
15MHz_High_QPSK_36@0	21.88	20.12	0.103	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	21.73	19.97	0.099	2	Pass
15MHz_High_QPSK_36@39	21.78	20.02	0.100	2	Pass
15MHz_High_QPSK_75@0	21.75	19.99	0.100	2	Pass
15MHz_High_16QAM_1@0	23.14	21.38	0.137	2	Pass
15MHz_High_16QAM_1@37	23.09	21.33	0.136	2	Pass
15MHz_High_16QAM_1@74	23.12	21.36	0.137	2	Pass
15MHz_High_16QAM_36@0	21.34	19.58	0.091	2	Pass
15MHz_High_16QAM_36@20	21.01	19.25	0.084	2	Pass
15MHz_High_16QAM_36@39	20.85	19.09	0.081	2	Pass
15MHz_High_16QAM_75@0	20.91	19.15	0.082	2	Pass
20MHz_Low_QPSK_1@0	23.44	21.68	0.147	2	Pass
20MHz_Low_QPSK_1@49	23.36	21.60	0.145	2	Pass
20MHz_Low_QPSK_1@99	23.31	21.55	0.143	2	Pass
20MHz_Low_QPSK_50@0	22.32	20.56	0.114	2	Pass
20MHz_Low_QPSK_50@24	22.27	20.51	0.112	2	Pass
20MHz_Low_QPSK_50@50	22.23	20.47	0.111	2	Pass
20MHz_Low_QPSK_100@0	22.20	20.44	0.111	2	Pass
20MHz_Low_16QAM_1@0	22.98	21.22	0.132	2	Pass
20MHz_Low_16QAM_1@49	22.92	21.16	0.131	2	Pass
20MHz_Low_16QAM_1@99	22.86	21.10	0.129	2	Pass
20MHz_Low_16QAM_50@0	21.36	19.60	0.091	2	Pass
20MHz_Low_16QAM_50@24	21.30	19.54	0.090	2	Pass
20MHz_Low_16QAM_50@50	21.33	19.57	0.091	2	Pass
20MHz_Low_16QAM_100@0	21.23	19.47	0.089	2	Pass
20MHz_Middle_QPSK_1@0	23.39	21.63	0.146	2	Pass
20MHz_Middle_QPSK_1@49	23.44	21.68	0.147	2	Pass
20MHz_Middle_QPSK_1@99	23.33	21.57	0.144	2	Pass
20MHz_Middle_QPSK_50@0	22.16	20.40	0.110	2	Pass
20MHz_Middle_QPSK_50@24	22.24	20.48	0.112	2	Pass
20MHz_Middle_QPSK_50@50	22.12	20.36	0.109	2	Pass
20MHz_Middle_QPSK_100@0	22.18	20.42	0.110	2	Pass
20MHz_Middle_16QAM_1@0	22.16	20.40	0.110	2	Pass
20MHz_Middle_16QAM_1@49	22.27	20.51	0.112	2	Pass
20MHz_Middle_16QAM_1@99	22.16	20.40	0.110	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	21.12	19.36	0.086	2	Pass
20MHz_Middle_16QAM_50@24	21.17	19.41	0.087	2	Pass
20MHz_Middle_16QAM_50@50	21.10	19.34	0.086	2	Pass
20MHz_Middle_16QAM_100@0	21.20	19.44	0.088	2	Pass
20MHz_High_QPSK_1@0	23.21	21.45	0.140	2	Pass
20MHz_High_QPSK_1@49	23.05	21.29	0.135	2	Pass
20MHz_High_QPSK_1@99	23.06	21.30	0.135	2	Pass
20MHz_High_QPSK_50@0	21.94	20.18	0.104	2	Pass
20MHz_High_QPSK_50@24	21.83	20.07	0.102	2	Pass
20MHz_High_QPSK_50@50	21.83	20.07	0.102	2	Pass
20MHz_High_QPSK_100@0	21.91	20.15	0.104	2	Pass
20MHz_High_16QAM_1@0	22.51	20.75	0.119	2	Pass
20MHz_High_16QAM_1@49	22.37	20.61	0.115	2	Pass
20MHz_High_16QAM_1@99	22.31	20.55	0.114	2	Pass
20MHz_High_16QAM_50@0	21.34	19.58	0.091	2	Pass
20MHz_High_16QAM_50@24	21.34	19.58	0.091	2	Pass
20MHz_High_16QAM_50@50	20.90	19.14	0.082	2	Pass
20MHz_High_16QAM_100@0	21.33	19.57	0.091	2	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

Band 2:

1.Antenna Gain = -1.56dBi;

2.Cable Loss = 0.2dB.

FCC Part 27

LTE Band 4 , Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	22.28	19.95	0.099	1	Pass
1.4MHz_Low_QPSK_1@3	22.25	19.92	0.098	1	Pass
1.4MHz_Low_QPSK_1@5	22.22	19.89	0.097	1	Pass
1.4MHz_Low_QPSK_3@0	22.23	19.90	0.098	1	Pass
1.4MHz_Low_QPSK_3@1	22.25	19.92	0.098	1	Pass
1.4MHz_Low_QPSK_3@3	22.25	19.92	0.098	1	Pass
1.4MHz_Low_QPSK_6@0	21.34	19.01	0.080	1	Pass
1.4MHz_Low_16QAM_1@0	22.42	20.09	0.102	1	Pass
1.4MHz_Low_16QAM_1@3	22.49	20.16	0.104	1	Pass
1.4MHz_Low_16QAM_1@5	22.49	20.16	0.104	1	Pass
1.4MHz_Low_16QAM_3@0	21.20	18.87	0.077	1	Pass
1.4MHz_Low_16QAM_3@1	21.15	18.82	0.076	1	Pass
1.4MHz_Low_16QAM_3@3	21.18	18.85	0.077	1	Pass
1.4MHz_Low_16QAM_6@0	20.22	17.89	0.062	1	Pass
1.4MHz_Middle_QPSK_1@0	22.52	20.19	0.104	1	Pass
1.4MHz_Middle_QPSK_1@3	22.55	20.22	0.105	1	Pass
1.4MHz_Middle_QPSK_1@5	22.51	20.18	0.104	1	Pass
1.4MHz_Middle_QPSK_3@0	22.31	19.98	0.100	1	Pass
1.4MHz_Middle_QPSK_3@1	22.24	19.91	0.098	1	Pass
1.4MHz_Middle_QPSK_3@3	22.31	19.98	0.100	1	Pass
1.4MHz_Middle_QPSK_6@0	21.18	18.85	0.077	1	Pass
1.4MHz_Middle_16QAM_1@0	22.14	19.81	0.096	1	Pass
1.4MHz_Middle_16QAM_1@3	22.27	19.94	0.099	1	Pass
1.4MHz_Middle_16QAM_1@5	22.21	19.88	0.097	1	Pass
1.4MHz_Middle_16QAM_3@0	21.46	19.13	0.082	1	Pass
1.4MHz_Middle_16QAM_3@1	21.46	19.13	0.082	1	Pass
1.4MHz_Middle_16QAM_3@3	21.42	19.09	0.081	1	Pass
1.4MHz_Middle_16QAM_6@0	20.13	17.80	0.060	1	Pass
1.4MHz_High_QPSK_1@0	22.50	20.17	0.104	1	Pass
1.4MHz_High_QPSK_1@3	22.50	20.17	0.104	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	22.53	20.20	0.105	1	Pass
1.4MHz_High_QPSK_3@0	22.34	20.01	0.100	1	Pass
1.4MHz_High_QPSK_3@1	22.37	20.04	0.101	1	Pass
1.4MHz_High_QPSK_3@3	22.40	20.07	0.102	1	Pass
1.4MHz_High_QPSK_6@0	21.32	18.99	0.079	1	Pass
1.4MHz_High_16QAM_1@0	22.86	20.53	0.113	1	Pass
1.4MHz_High_16QAM_1@3	22.78	20.45	0.111	1	Pass
1.4MHz_High_16QAM_1@5	22.77	20.44	0.111	1	Pass
1.4MHz_High_16QAM_3@0	22	19.67	0.093	1	Pass
1.4MHz_High_16QAM_3@1	21.92	19.59	0.091	1	Pass
1.4MHz_High_16QAM_3@3	21.92	19.59	0.091	1	Pass
1.4MHz_High_16QAM_6@0	20.42	18.09	0.064	1	Pass
3MHz_Low_QPSK_1@0	22.26	19.93	0.098	1	Pass
3MHz_Low_QPSK_1@8	22.24	19.91	0.098	1	Pass
3MHz_Low_QPSK_1@14	22.15	19.82	0.096	1	Pass
3MHz_Low_QPSK_8@0	21.27	18.94	0.078	1	Pass
3MHz_Low_QPSK_8@4	21.18	18.85	0.077	1	Pass
3MHz_Low_QPSK_8@7	21.09	18.76	0.075	1	Pass
3MHz_Low_QPSK_15@0	21.24	18.91	0.078	1	Pass
3MHz_Low_16QAM_1@0	22.49	20.16	0.104	1	Pass
3MHz_Low_16QAM_1@8	22.44	20.11	0.103	1	Pass
3MHz_Low_16QAM_1@14	22.33	20.00	0.100	1	Pass
3MHz_Low_16QAM_8@0	20.44	18.11	0.065	1	Pass
3MHz_Low_16QAM_8@4	20.49	18.16	0.065	1	Pass
3MHz_Low_16QAM_8@7	20.80	18.47	0.070	1	Pass
3MHz_Low_16QAM_15@0	20.37	18.04	0.064	1	Pass
3MHz_Middle_QPSK_1@0	22.51	20.18	0.104	1	Pass
3MHz_Middle_QPSK_1@8	22.53	20.20	0.105	1	Pass
3MHz_Middle_QPSK_1@14	22.50	20.17	0.104	1	Pass
3MHz_Middle_QPSK_8@0	21.23	18.90	0.078	1	Pass
3MHz_Middle_QPSK_8@4	21.24	18.91	0.078	1	Pass
3MHz_Middle_QPSK_8@7	21.21	18.88	0.077	1	Pass
3MHz_Middle_QPSK_15@0	21.24	18.91	0.078	1	Pass
3MHz_Middle_16QAM_1@0	22.26	19.93	0.098	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	22.24	19.91	0.098	1	Pass
3MHz_Middle_16QAM_1@14	22.23	19.90	0.098	1	Pass
3MHz_Middle_16QAM_8@0	20.37	18.04	0.064	1	Pass
3MHz_Middle_16QAM_8@4	20.30	17.97	0.063	1	Pass
3MHz_Middle_16QAM_8@7	20.32	17.99	0.063	1	Pass
3MHz_Middle_16QAM_15@0	20.14	17.81	0.060	1	Pass
3MHz_High_QPSK_1@0	22.13	19.80	0.095	1	Pass
3MHz_High_QPSK_1@8	22.21	19.88	0.097	1	Pass
3MHz_High_QPSK_1@14	22.17	19.84	0.096	1	Pass
3MHz_High_QPSK_8@0	21.33	19.00	0.079	1	Pass
3MHz_High_QPSK_8@4	21.36	19.03	0.080	1	Pass
3MHz_High_QPSK_8@7	21.30	18.97	0.079	1	Pass
3MHz_High_QPSK_15@0	21.41	19.08	0.081	1	Pass
3MHz_High_16QAM_1@0	22.13	19.80	0.095	1	Pass
3MHz_High_16QAM_1@8	22.16	19.83	0.096	1	Pass
3MHz_High_16QAM_1@14	22.03	19.70	0.093	1	Pass
3MHz_High_16QAM_8@0	20.20	17.87	0.061	1	Pass
3MHz_High_16QAM_8@4	20.23	17.90	0.062	1	Pass
3MHz_High_16QAM_8@7	20.19	17.86	0.061	1	Pass
3MHz_High_16QAM_15@0	20.49	18.16	0.065	1	Pass
5MHz_Low_QPSK_1@0	22.49	20.16	0.104	1	Pass
5MHz_Low_QPSK_1@12	22.40	20.07	0.102	1	Pass
5MHz_Low_QPSK_1@24	22.36	20.03	0.101	1	Pass
5MHz_Low_QPSK_12@0	21.29	18.96	0.079	1	Pass
5MHz_Low_QPSK_12@7	21.18	18.85	0.077	1	Pass
5MHz_Low_QPSK_12@13	21.20	18.87	0.077	1	Pass
5MHz_Low_QPSK_25@0	21.20	18.87	0.077	1	Pass
5MHz_Low_16QAM_1@0	21.31	18.98	0.079	1	Pass
5MHz_Low_16QAM_1@12	21.33	19.00	0.079	1	Pass
5MHz_Low_16QAM_1@24	21.26	18.93	0.078	1	Pass
5MHz_Low_16QAM_12@0	20.24	17.91	0.062	1	Pass
5MHz_Low_16QAM_12@7	20.47	18.14	0.065	1	Pass
5MHz_Low_16QAM_12@13	20.46	18.13	0.065	1	Pass
5MHz_Low_16QAM_25@0	20.74	18.41	0.069	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	22.07	19.74	0.094	1	Pass
5MHz_Middle_QPSK_1@12	22.09	19.76	0.095	1	Pass
5MHz_Middle_QPSK_1@24	22.26	19.93	0.098	1	Pass
5MHz_Middle_QPSK_12@0	21.22	18.89	0.077	1	Pass
5MHz_Middle_QPSK_12@7	21.25	18.92	0.078	1	Pass
5MHz_Middle_QPSK_12@13	21.27	18.94	0.078	1	Pass
5MHz_Middle_QPSK_25@0	21.28	18.95	0.079	1	Pass
5MHz_Middle_16QAM_1@0	21.86	19.53	0.090	1	Pass
5MHz_Middle_16QAM_1@12	21.90	19.57	0.091	1	Pass
5MHz_Middle_16QAM_1@24	21.99	19.66	0.092	1	Pass
5MHz_Middle_16QAM_12@0	20.37	18.04	0.064	1	Pass
5MHz_Middle_16QAM_12@7	20.33	18.00	0.063	1	Pass
5MHz_Middle_16QAM_12@13	20.30	17.97	0.063	1	Pass
5MHz_Middle_16QAM_25@0	20.22	17.89	0.062	1	Pass
5MHz_High_QPSK_1@0	22.43	20.10	0.102	1	Pass
5MHz_High_QPSK_1@12	22.38	20.05	0.101	1	Pass
5MHz_High_QPSK_1@24	22.49	20.16	0.104	1	Pass
5MHz_High_QPSK_12@0	21.40	19.07	0.081	1	Pass
5MHz_High_QPSK_12@7	21.41	19.08	0.081	1	Pass
5MHz_High_QPSK_12@13	21.48	19.15	0.082	1	Pass
5MHz_High_QPSK_25@0	21.50	19.17	0.083	1	Pass
5MHz_High_16QAM_1@0	21.78	19.45	0.088	1	Pass
5MHz_High_16QAM_1@12	21.82	19.49	0.089	1	Pass
5MHz_High_16QAM_1@24	21.81	19.48	0.089	1	Pass
5MHz_High_16QAM_12@0	20.30	17.97	0.063	1	Pass
5MHz_High_16QAM_12@7	20.36	18.03	0.064	1	Pass
5MHz_High_16QAM_12@13	20.24	17.91	0.062	1	Pass
5MHz_High_16QAM_25@0	20.54	18.21	0.066	1	Pass
10MHz_Low_QPSK_1@0	22.30	19.97	0.099	1	Pass
10MHz_Low_QPSK_1@25	22.18	19.85	0.097	1	Pass
10MHz_Low_QPSK_1@49	22.20	19.87	0.097	1	Pass
10MHz_Low_QPSK_25@0	21.10	18.77	0.075	1	Pass
10MHz_Low_QPSK_25@12	21.13	18.80	0.076	1	Pass
10MHz_Low_QPSK_25@25	21.26	18.93	0.078	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	21.09	18.76	0.075	1	Pass
10MHz_Low_16QAM_1@0	21.78	19.45	0.088	1	Pass
10MHz_Low_16QAM_1@25	21.63	19.30	0.085	1	Pass
10MHz_Low_16QAM_1@49	21.76	19.43	0.088	1	Pass
10MHz_Low_16QAM_25@0	20.67	18.34	0.068	1	Pass
10MHz_Low_16QAM_25@12	20.23	17.90	0.062	1	Pass
10MHz_Low_16QAM_25@25	20.31	17.98	0.063	1	Pass
10MHz_Low_16QAM_50@0	20.23	17.90	0.062	1	Pass
10MHz_Middle_QPSK_1@0	22.36	20.03	0.101	1	Pass
10MHz_Middle_QPSK_1@25	22.44	20.11	0.103	1	Pass
10MHz_Middle_QPSK_1@49	22.42	20.09	0.102	1	Pass
10MHz_Middle_QPSK_25@0	21.24	18.91	0.078	1	Pass
10MHz_Middle_QPSK_25@12	21.23	18.90	0.078	1	Pass
10MHz_Middle_QPSK_25@25	21.36	19.03	0.080	1	Pass
10MHz_Middle_QPSK_50@0	21.17	18.84	0.077	1	Pass
10MHz_Middle_16QAM_1@0	21.98	19.65	0.092	1	Pass
10MHz_Middle_16QAM_1@25	22.02	19.69	0.093	1	Pass
10MHz_Middle_16QAM_1@49	22.05	19.72	0.094	1	Pass
10MHz_Middle_16QAM_25@0	20.34	18.01	0.063	1	Pass
10MHz_Middle_16QAM_25@12	20.31	17.98	0.063	1	Pass
10MHz_Middle_16QAM_25@25	20.37	18.04	0.064	1	Pass
10MHz_Middle_16QAM_50@0	20.33	18.00	0.063	1	Pass
10MHz_High_QPSK_1@0	22.03	19.70	0.093	1	Pass
10MHz_High_QPSK_1@25	22.08	19.75	0.094	1	Pass
10MHz_High_QPSK_1@49	22.22	19.89	0.097	1	Pass
10MHz_High_QPSK_25@0	21.36	19.03	0.080	1	Pass
10MHz_High_QPSK_25@12	21.34	19.01	0.080	1	Pass
10MHz_High_QPSK_25@25	21.35	19.02	0.080	1	Pass
10MHz_High_QPSK_50@0	21.27	18.94	0.078	1	Pass
10MHz_High_16QAM_1@0	22.53	20.20	0.105	1	Pass
10MHz_High_16QAM_1@25	22.57	20.24	0.106	1	Pass
10MHz_High_16QAM_1@49	22.68	20.35	0.108	1	Pass
10MHz_High_16QAM_25@0	20.38	18.05	0.064	1	Pass
10MHz_High_16QAM_25@12	20.27	17.94	0.062	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	20.43	18.10	0.065	1	Pass
10MHz_High_16QAM_50@0	20.40	18.07	0.064	1	Pass
15MHz_Low_QPSK_1@0	22.31	19.98	0.100	1	Pass
15MHz_Low_QPSK_1@37	22.21	19.88	0.097	1	Pass
15MHz_Low_QPSK_1@74	22.29	19.96	0.099	1	Pass
15MHz_Low_QPSK_36@0	21.14	18.81	0.076	1	Pass
15MHz_Low_QPSK_36@20	21.21	18.88	0.077	1	Pass
15MHz_Low_QPSK_36@39	21.18	18.85	0.077	1	Pass
15MHz_Low_QPSK_75@0	21.16	18.83	0.076	1	Pass
15MHz_Low_16QAM_1@0	21.83	19.50	0.089	1	Pass
15MHz_Low_16QAM_1@37	21.72	19.39	0.087	1	Pass
15MHz_Low_16QAM_1@74	21.72	19.39	0.087	1	Pass
15MHz_Low_16QAM_36@0	20.18	17.85	0.061	1	Pass
15MHz_Low_16QAM_36@20	20.16	17.83	0.061	1	Pass
15MHz_Low_16QAM_36@39	20.22	17.89	0.062	1	Pass
15MHz_Low_16QAM_75@0	20.22	17.89	0.062	1	Pass
15MHz_Middle_QPSK_1@0	22.31	19.98	0.100	1	Pass
15MHz_Middle_QPSK_1@37	22.34	20.01	0.100	1	Pass
15MHz_Middle_QPSK_1@74	22.40	20.07	0.102	1	Pass
15MHz_Middle_QPSK_36@0	21.28	18.95	0.079	1	Pass
15MHz_Middle_QPSK_36@20	21.22	18.89	0.077	1	Pass
15MHz_Middle_QPSK_36@39	21.27	18.94	0.078	1	Pass
15MHz_Middle_QPSK_75@0	21.26	18.93	0.078	1	Pass
15MHz_Middle_16QAM_1@0	22.71	20.38	0.109	1	Pass
15MHz_Middle_16QAM_1@37	22.66	20.33	0.108	1	Pass
15MHz_Middle_16QAM_1@74	22.79	20.46	0.111	1	Pass
15MHz_Middle_16QAM_36@0	20.35	18.02	0.063	1	Pass
15MHz_Middle_16QAM_36@20	20.31	17.98	0.063	1	Pass
15MHz_Middle_16QAM_36@39	20.67	18.34	0.068	1	Pass
15MHz_Middle_16QAM_75@0	20.31	17.98	0.063	1	Pass
15MHz_High_QPSK_1@0	22.14	19.81	0.096	1	Pass
15MHz_High_QPSK_1@37	22.12	19.79	0.095	1	Pass
15MHz_High_QPSK_1@74	22.22	19.89	0.097	1	Pass
15MHz_High_QPSK_36@0	21.34	19.01	0.080	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	21.42	19.09	0.081	1	Pass
15MHz_High_QPSK_36@39	21.43	19.10	0.081	1	Pass
15MHz_High_QPSK_75@0	21.35	19.02	0.080	1	Pass
15MHz_High_16QAM_1@0	22.74	20.41	0.110	1	Pass
15MHz_High_16QAM_1@37	22.66	20.33	0.108	1	Pass
15MHz_High_16QAM_1@74	22.75	20.42	0.110	1	Pass
15MHz_High_16QAM_36@0	20.47	18.14	0.065	1	Pass
15MHz_High_16QAM_36@20	20.59	18.26	0.067	1	Pass
15MHz_High_16QAM_36@39	20.62	18.29	0.067	1	Pass
15MHz_High_16QAM_75@0	20.40	18.07	0.064	1	Pass
20MHz_Low_QPSK_1@0	22.39	20.06	0.101	1	Pass
20MHz_Low_QPSK_1@49	22.30	19.97	0.099	1	Pass
20MHz_Low_QPSK_1@99	22.50	20.17	0.104	1	Pass
20MHz_Low_QPSK_50@0	21.14	18.81	0.076	1	Pass
20MHz_Low_QPSK_50@24	21.20	18.87	0.077	1	Pass
20MHz_Low_QPSK_50@50	21.23	18.90	0.078	1	Pass
20MHz_Low_QPSK_100@0	21.24	18.91	0.078	1	Pass
20MHz_Low_16QAM_1@0	21.88	19.55	0.090	1	Pass
20MHz_Low_16QAM_1@49	21.86	19.53	0.090	1	Pass
20MHz_Low_16QAM_1@99	22.05	19.72	0.094	1	Pass
20MHz_Low_16QAM_50@0	20.25	17.92	0.062	1	Pass
20MHz_Low_16QAM_50@24	20.24	17.91	0.062	1	Pass
20MHz_Low_16QAM_50@50	20.69	18.36	0.069	1	Pass
20MHz_Low_16QAM_100@0	20.19	17.86	0.061	1	Pass
20MHz_Middle_QPSK_1@0	22.37	20.04	0.101	1	Pass
20MHz_Middle_QPSK_1@49	22.45	20.12	0.103	1	Pass
20MHz_Middle_QPSK_1@99	22.56	20.23	0.105	1	Pass
20MHz_Middle_QPSK_50@0	21.20	18.87	0.077	1	Pass
20MHz_Middle_QPSK_50@24	21.28	18.95	0.079	1	Pass
20MHz_Middle_QPSK_50@50	21.30	18.97	0.079	1	Pass
20MHz_Middle_QPSK_100@0	21.26	18.93	0.078	1	Pass
20MHz_Middle_16QAM_1@0	21.48	19.15	0.082	1	Pass
20MHz_Middle_16QAM_1@49	21.54	19.21	0.083	1	Pass
20MHz_Middle_16QAM_1@99	21.77	19.44	0.088	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	20.18	17.85	0.061	1	Pass
20MHz_Middle_16QAM_50@24	20.24	17.91	0.062	1	Pass
20MHz_Middle_16QAM_50@50	20.63	18.30	0.068	1	Pass
20MHz_Middle_16QAM_100@0	20.31	17.98	0.063	1	Pass
20MHz_High_QPSK_1@0	22.39	20.06	0.101	1	Pass
20MHz_High_QPSK_1@49	22.39	20.06	0.101	1	Pass
20MHz_High_QPSK_1@99	22.58	20.25	0.106	1	Pass
20MHz_High_QPSK_50@0	21.45	19.12	0.082	1	Pass
20MHz_High_QPSK_50@24	21.28	18.95	0.079	1	Pass
20MHz_High_QPSK_50@50	21.30	18.97	0.079	1	Pass
20MHz_High_QPSK_100@0	21.25	18.92	0.078	1	Pass
20MHz_High_16QAM_1@0	22.01	19.68	0.093	1	Pass
20MHz_High_16QAM_1@49	21.98	19.65	0.092	1	Pass
20MHz_High_16QAM_1@99	22.21	19.88	0.097	1	Pass
20MHz_High_16QAM_50@0	20.29	17.96	0.063	1	Pass
20MHz_High_16QAM_50@24	20.34	18.01	0.063	1	Pass
20MHz_High_16QAM_50@50	20.46	18.13	0.065	1	Pass
20MHz_High_16QAM_100@0	20.34	18.01	0.063	1	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

Band 4:

1.Antenna Gain = -2.13dBi;

2.Cable Loss = 0.2dB.

Peak-to-average Ratio(PAR)**FCC Part 24E****LTE Band 2 , Normal**

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.29	13
10MHz_Low_QPSK_50@0	5.51	13
10MHz_Low_16QAM_1@0	4.81	13
10MHz_Low_16QAM_50@0	6.41	13
10MHz_Middle_QPSK_1@0	4.52	13
10MHz_Middle_QPSK_50@0	5.45	13
10MHz_Middle_16QAM_1@0	4.97	13
10MHz_Middle_16QAM_50@0	6.31	13
10MHz_High_QPSK_1@0	4.62	13
10MHz_High_QPSK_50@0	5.64	13
10MHz_High_16QAM_1@0	4.71	13
10MHz_High_16QAM_50@0	6.47	13

Note:worst case.

FCC Part 27**LTE Band 4 , Normal**

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	4.62	13
10MHz_Low_QPSK_50@0	5.48	13
10MHz_Low_16QAM_1@0	4.62	13
10MHz_Low_16QAM_50@0	6.38	13
10MHz_Middle_QPSK_1@0	4.65	13
10MHz_Middle_QPSK_50@0	5.61	13
10MHz_Middle_16QAM_1@0	5.16	13
10MHz_Middle_16QAM_50@0	6.44	13
10MHz_High_QPSK_1@0	4.49	13
10MHz_High_QPSK_50@0	5.51	13
10MHz_High_16QAM_1@0	4.42	13
10MHz_High_16QAM_50@0	6.31	13

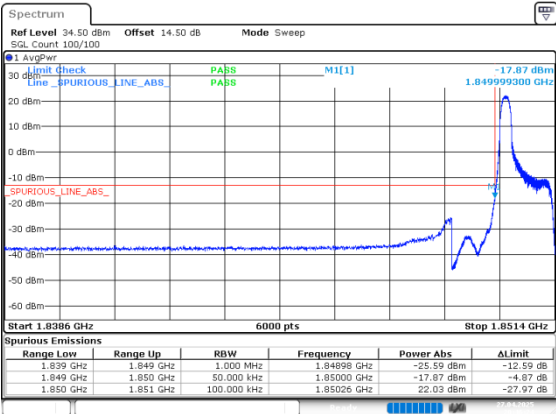
Note:worst case.

Out of band emission,Band Edge

FCC Part 24E

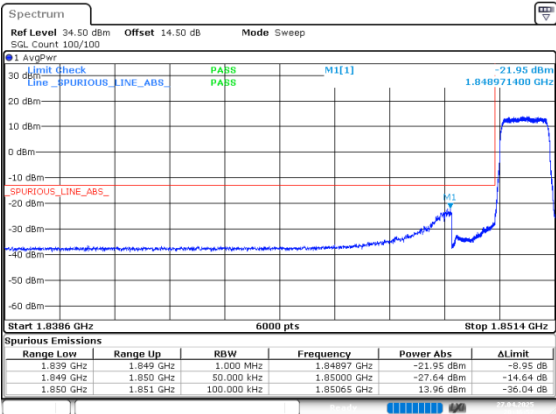
LTE Band 2 , Normal

1.4MHz_Low_QPSK_1@0



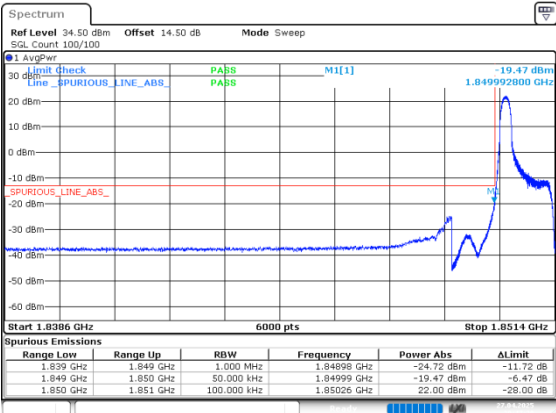
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 20:46:24

1.4MHz_Low_QPSK_6@0



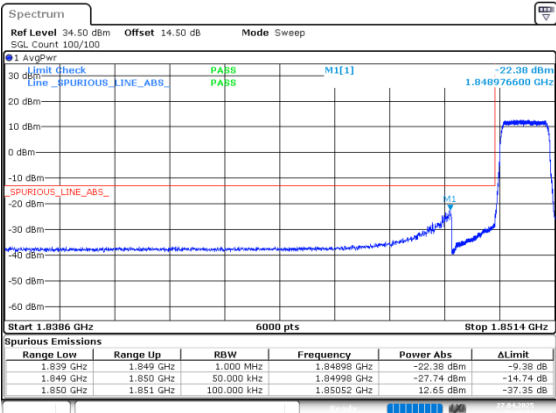
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Date: 27.APR.2025 20:46:57

1.4MHz_Low_16QAM_1@0



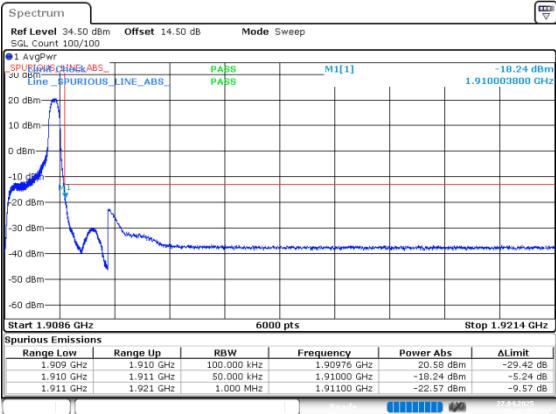
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Date: 27.APR.2025 20:47:29

1.4MHz_Low_16QAM_6@0



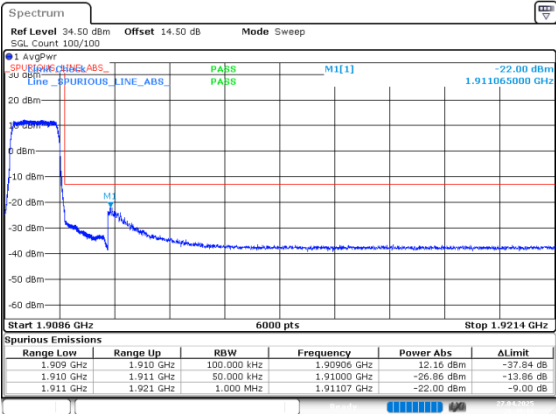
ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 20:48:02

1.4MHz_High_QPSK_1@5



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 20:48:37

1.4MHz_High_QPSK_6@0



ProjectNo.:2503S14680E-RF Tester:Chin Qin
Date: 27.APR.2025 20:49:10