

Appendix A

Test Information:

Serial No.:	2XXE-2	Test Date:	2025/02/08~2025/02/11
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	19.8~20.6	Relative Humidity: (%)	31~43	ATM Pressure: (kPa)	101.4~102.0
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Minl-Clrcuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2024/02/25	2025/02/24
Micro-Coax	Coaxial Cable	UFB205A	323308-012	2024/06/01	2025/05/31
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM502	2024/06/07	2025/06/06
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15
R&S	Spectrum Analyzer	FSV40	101947	2024/09/05	2025/09/04
R&S	Wideband Radio Communication Tester	CMW500	144976	2024/09/05	2025/09/04
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30173	2024/09/06	2025/09/05
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (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 22H

Band 5, TN/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-13.0	-0.016	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-15.4	-0.018	±2.5	Pass

Band 5, T1/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-17.1	-0.020	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-16.1	-0.019	±2.5	Pass

Band 5, T2/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-18.4	-0.022	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-15.7	-0.019	±2.5	Pass

Band 5, T3/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-15.8	-0.019	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-20.3	-0.024	±2.5	Pass

Band 5, T4/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-15.9	-0.019	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-3.0	-0.004	±2.5	Pass

Band 5, T5/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-10.7	-0.013	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-6.7	-0.008	±2.5	Pass

Band 5, T6/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-15.5	-0.019	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-7.8	-0.009	±2.5	Pass

Band 5, T7/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-16.0	-0.019	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-22.9	-0.027	±2.5	Pass

Band 5, T8/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-18.2	-0.022	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-22.4	-0.027	±2.5	Pass

Band 5, TN/VH

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-20.3	-0.024	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-17.5	-0.021	±2.5	Pass

Band 5, TN/VL

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-16.0	-0.019	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-18.5	-0.022	±2.5	Pass

Note:

Frequency Error (ppm)=Frequency Error (MHz)/Test Channel(MHz)*10⁶

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.

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Band 2, TN/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_25@0	1851.009	1855.624	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	1909.111	1850 ~ 1910	Pass

Band 2, T1/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_25@0	1851.009	1855.624	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	1909.051	1850 ~ 1910	Pass

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_25@0	1851.009	1855.564	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.436	1909.111	1850 ~ 1910	Pass

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_25@0	1850.949	1855.624	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	1909.051	1850 ~ 1910	Pass

Band 2, T4/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_25@0	1850.949	1855.564	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	1909.051	1850 ~ 1910	Pass

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_25@0	1850.949	1855.564	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.436	1909.111	1850 ~ 1910	Pass

Band 2, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.931	1850 ~ 1910	Pass
20MHz_Low_16QAM_25@0	1850.949	1855.564	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	1909.111	1850 ~ 1910	Pass

Band 2, T7/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_25@0	1851.009	1855.624	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	1909.111	1850 ~ 1910	Pass

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_25@0	1851.009	1855.624	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.991	1850 ~ 1910	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_25@75	1904.496	1909.111	1850 ~ 1910	Pass

Band 2, TN/VH

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_25@0	1850.949	1855.564	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	1909.111	1850 ~ 1910	Pass

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_25@0	1850.949	1855.564	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	1909.111	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.

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Band 4, TN/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_25@0	1710.949	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.496	1754.051	1710 ~ 1755	Pass

Band 4, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.496	1754.111	1710 ~ 1755	Pass

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_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.436	1754.111	1710 ~ 1755	Pass

Band 4, T3/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_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.496	1754.051	1710 ~ 1755	Pass

Band 4, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.496	1754.111	1710 ~ 1755	Pass

Band 4, T5/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_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.496	1754.111	1710 ~ 1755	Pass

Band 4, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.436	1754.111	1710 ~ 1755	Pass

Band 4, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.436	1754.111	1710 ~ 1755	Pass

Band 4, T8/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_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_25@75	1749.436	1754.111	1710 ~ 1755	Pass

Band 4, TN/VH

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_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.436	1754.111	1710 ~ 1755	Pass

Band 4, TN/VL

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_25@0	1711.009	1715.624	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.496	1754.111	1710 ~ 1755	Pass

Band 7, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2500.949	2505.564	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.436	2569.111	2500 ~ 2570	Pass

Band 7, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2501.009	2505.564	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.496	2569.111	2500 ~ 2570	Pass

Band 7, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2500.949	2505.564	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.436	2569.111	2500 ~ 2570	Pass

Band 7, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2500.949	2505.624	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.496	2569.111	2500 ~ 2570	Pass

Band 7, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2500.949	2505.624	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.436	2569.111	2500 ~ 2570	Pass

Band 7, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2501.009	2505.624	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.436	2569.111	2500 ~ 2570	Pass

Band 7, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2500.949	2505.624	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_25@75	2564.496	2569.111	2500 ~ 2570	Pass

Band 7, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2501.009	2505.624	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.436	2569.111	2500 ~ 2570	Pass

Band 7, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2501.009	2505.624	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.436	2569.111	2500 ~ 2570	Pass

Band 7, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2501.009	2505.624	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.436	2569.171	2500 ~ 2570	Pass

Band 7, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_25@0	2500.949	2505.624	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.436	2569.111	2500 ~ 2570	Pass

Band 66, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.496	1779.111	1710 ~ 1780	Pass

Band 66, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.496	1779.111	1710 ~ 1780	Pass

Band 66, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.436	1779.111	1710 ~ 1780	Pass

Band 66, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.436	1779.111	1710 ~ 1780	Pass

Band 66, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.931	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.564	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_25@75	1774.436	1779.111	1710 ~ 1780	Pass

Band 66, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.129	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.496	1779.111	1710 ~ 1780	Pass

Band 66, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.436	1779.111	1710 ~ 1780	Pass

Band 66, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.496	1779.111	1710 ~ 1780	Pass

Band 66, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.931	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.684	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.496	1779.111	1710 ~ 1780	Pass

Band 66, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.496	1779.111	1710 ~ 1780	Pass

Band 66, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.436	1779.111	1710 ~ 1780	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 22H

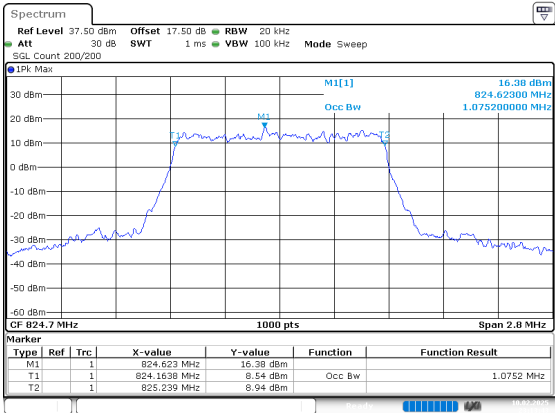
Band 5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.075	1.233
1.4MHz_Low_16QAM_6@0	1.084	1.253
1.4MHz_Middle_QPSK_6@0	1.078	1.242
1.4MHz_Middle_16QAM_6@0	1.081	1.247
1.4MHz_High_QPSK_6@0	1.081	1.261
1.4MHz_High_16QAM_6@0	1.084	1.236
3MHz_Low_QPSK_15@0	2.682	2.907
3MHz_Low_16QAM_15@0	2.682	2.889
3MHz_Middle_QPSK_15@0	2.682	2.907
3MHz_Middle_16QAM_15@0	2.682	2.889
3MHz_High_QPSK_15@0	2.682	2.913
3MHz_High_16QAM_15@0	2.688	2.889
5MHz_Low_QPSK_25@0	4.470	4.825
5MHz_Low_16QAM_25@0	4.470	4.835
5MHz_Middle_QPSK_25@0	4.470	4.785
5MHz_Middle_16QAM_25@0	4.480	4.845
5MHz_High_QPSK_25@0	4.470	4.825
5MHz_High_16QAM_25@0	4.470	4.855
10MHz_Low_QPSK_50@0	8.960	9.510
10MHz_Low_16QAM_25@0	4.520	5.085
10MHz_Middle_QPSK_50@0	8.920	9.530
10MHz_Middle_16QAM_25@0	4.500	5.005
10MHz_High_QPSK_50@0	8.920	9.570
10MHz_High_16QAM_25@0	4.500	5.025

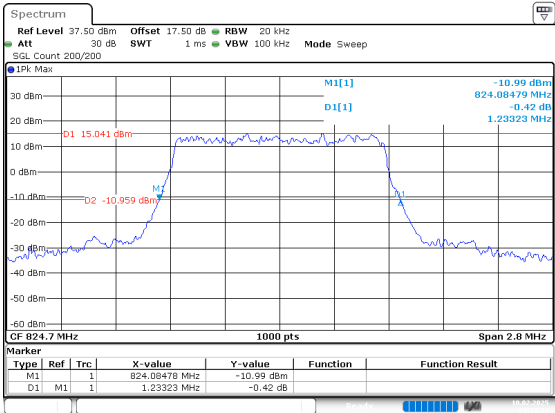
Band 5, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

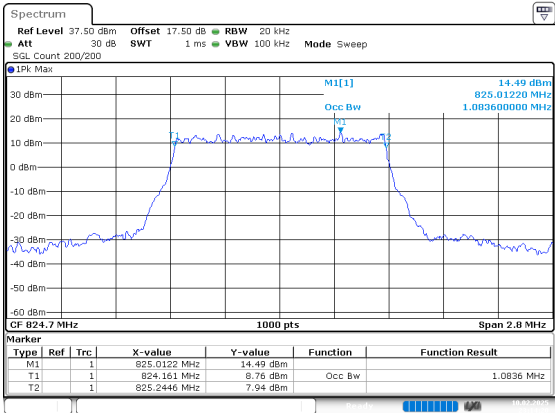


26dB Bandwidth

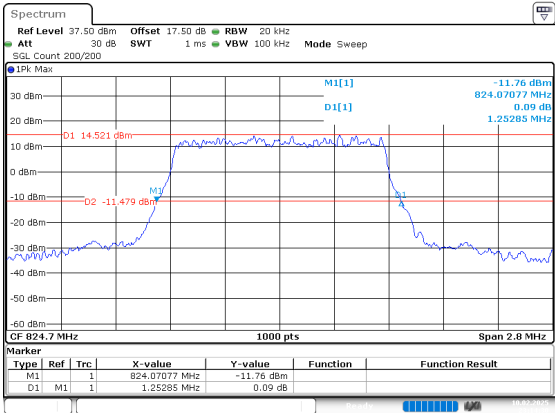


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

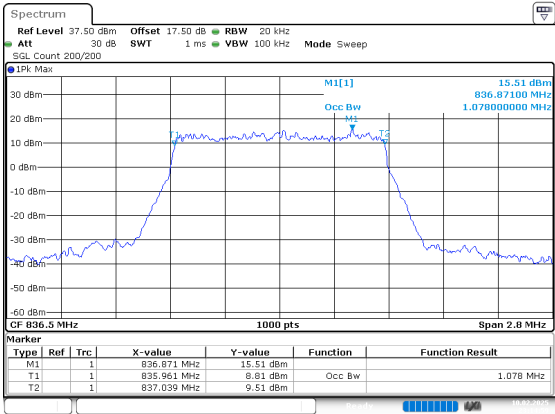


26dB Bandwidth

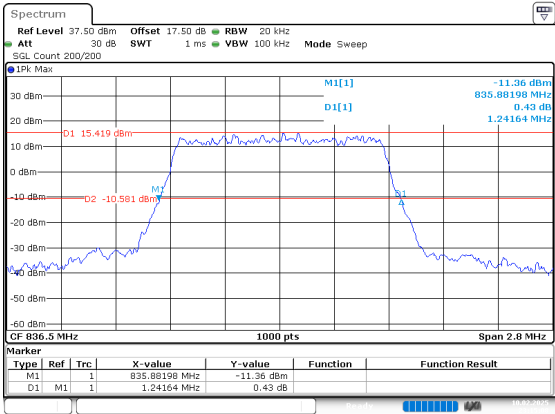


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth

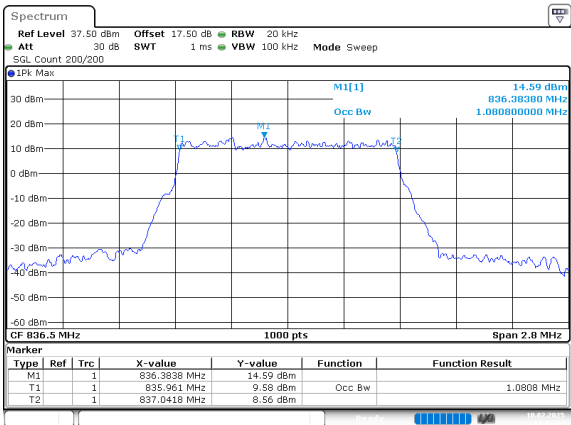


26dB Bandwidth



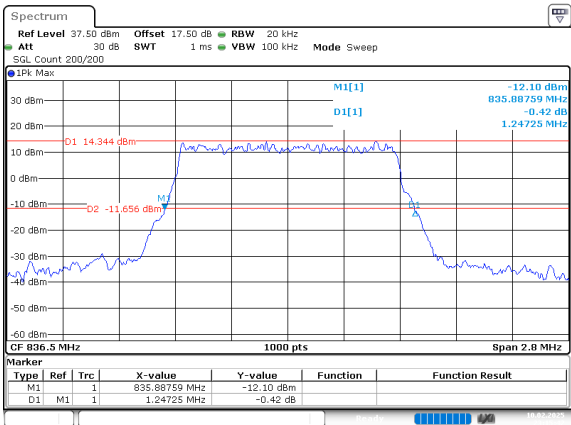
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:15:35

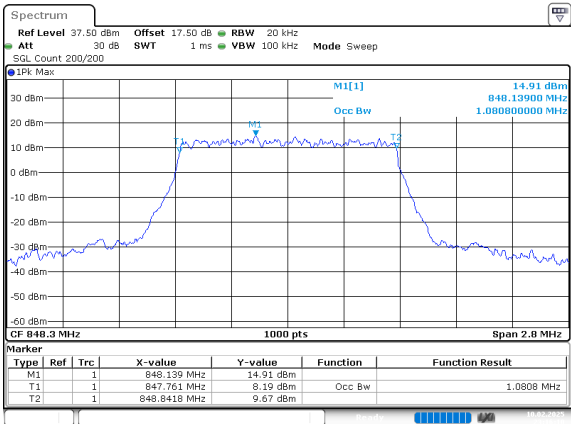
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:15:43

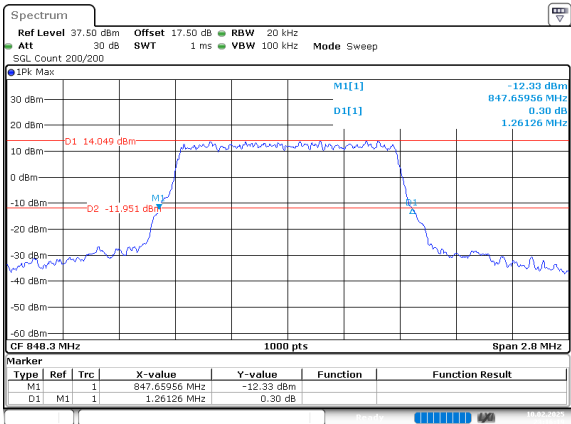
1.4MHz_High_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:16:10

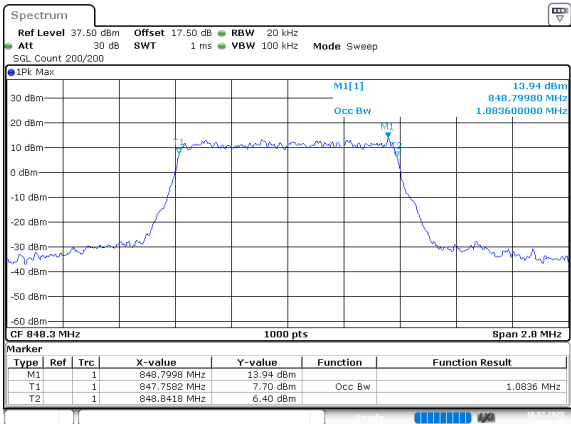
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:16:19

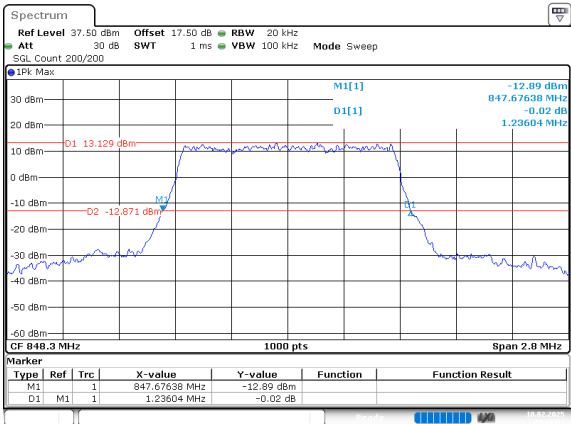
1.4MHz_High_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:16:46

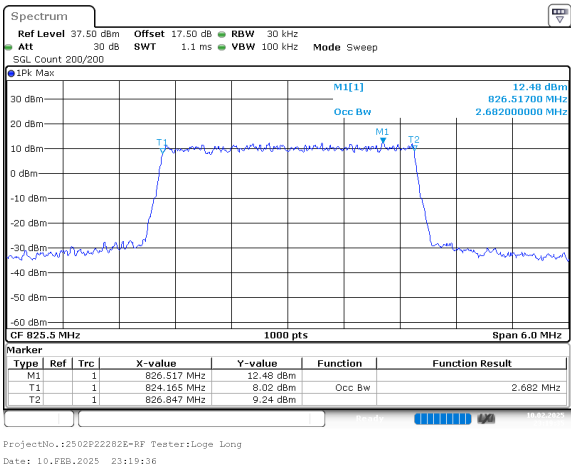
26dB Bandwidth



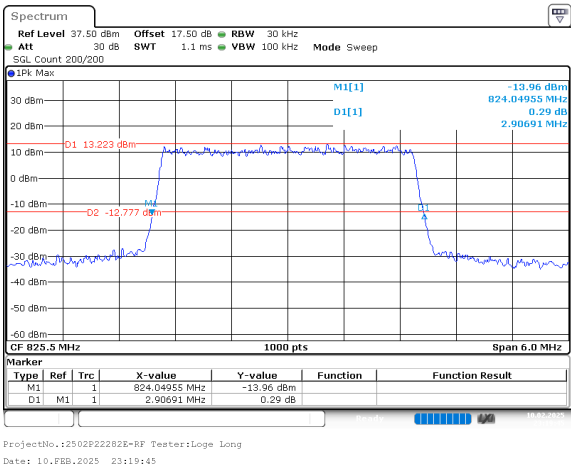
ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:16:54

3MHz_Low_QPSK_15@0

Occupied Bandwidth

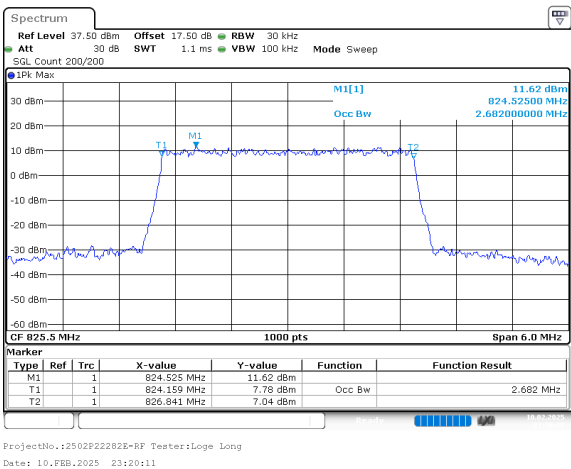


26dB Bandwidth

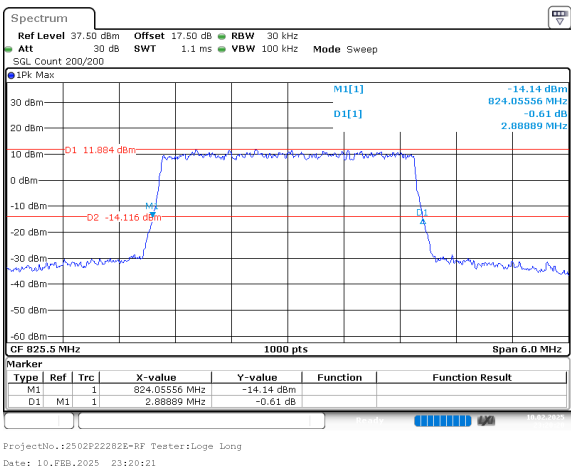


3MHz_Low_16QAM_15@0

Occupied Bandwidth

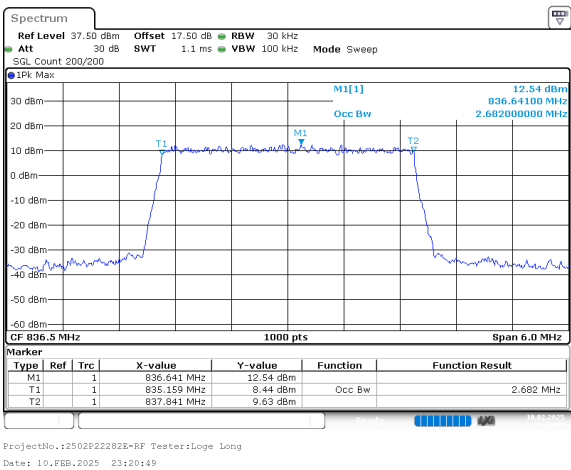


26dB Bandwidth

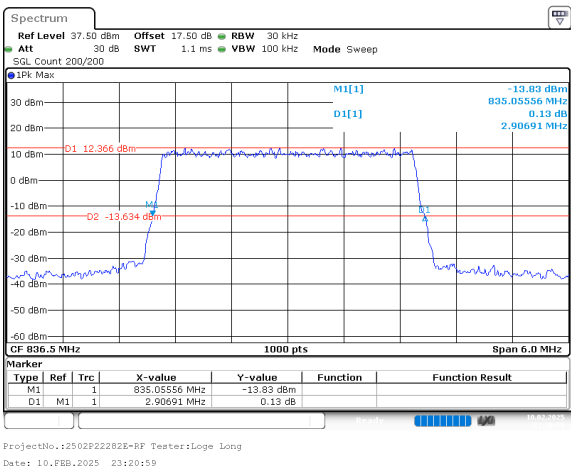


3MHz_Middle_QPSK_15@0

Occupied Bandwidth

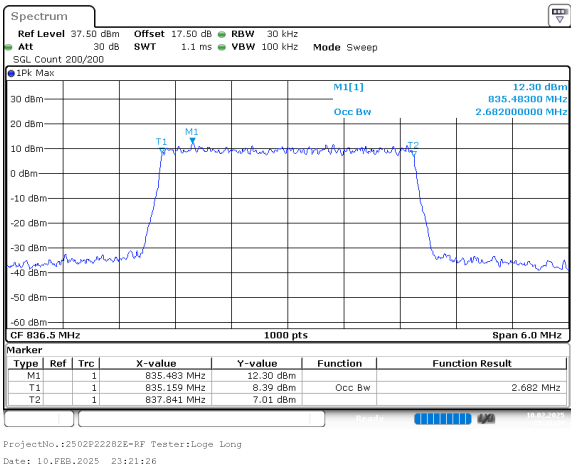


26dB Bandwidth

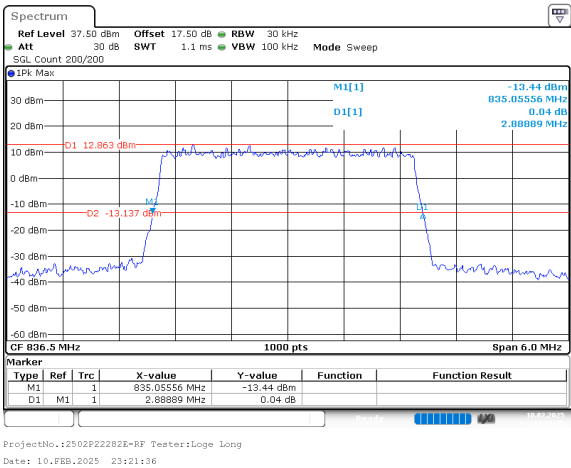


3MHz_Middle_16QAM_15@0

Occupied Bandwidth

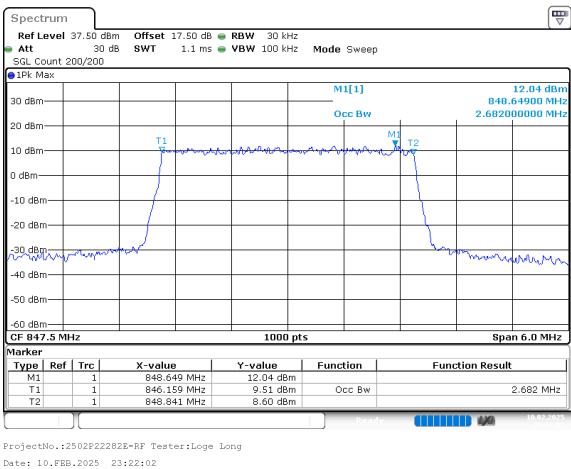


26dB Bandwidth

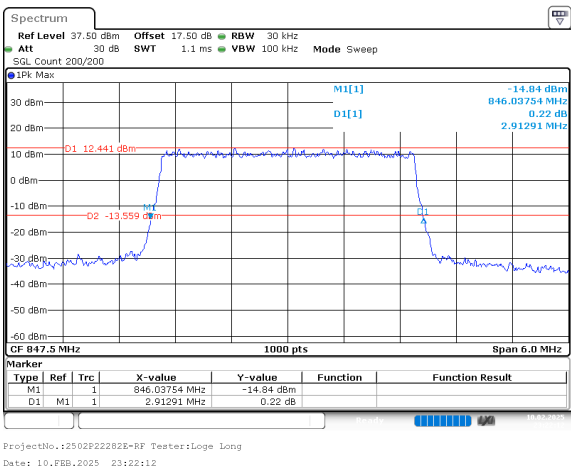


3MHz_High_QPSK_15@0

Occupied Bandwidth

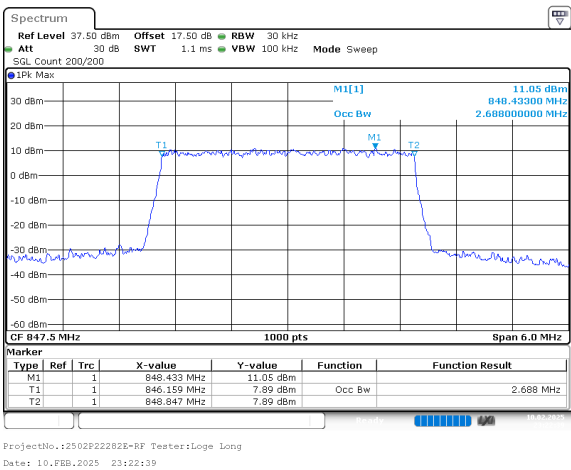


26dB Bandwidth

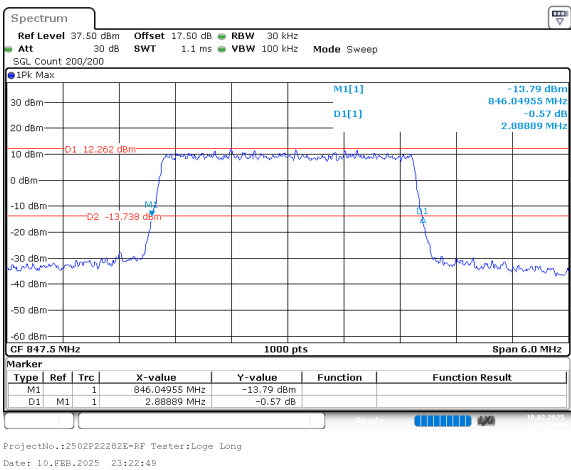


3MHz_High_16QAM_15@0

Occupied Bandwidth



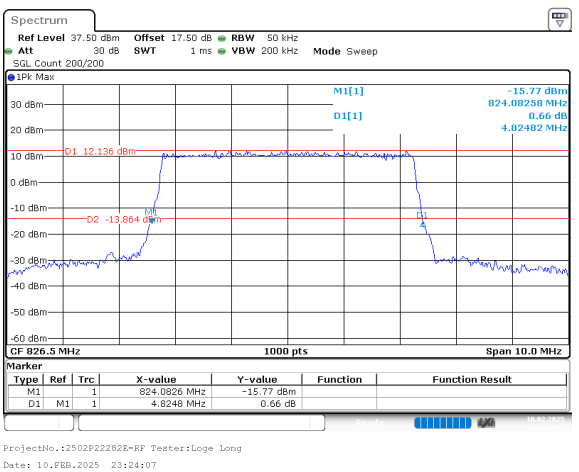
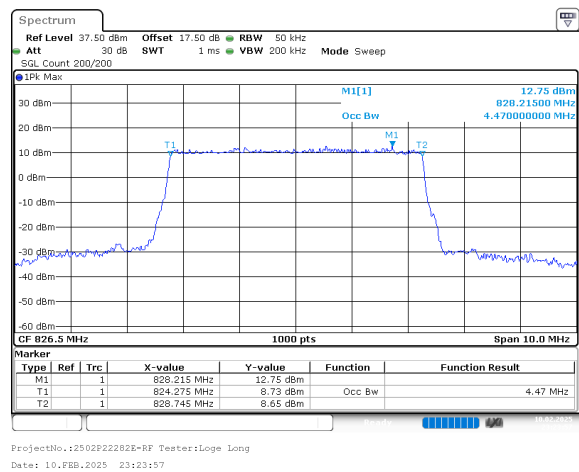
26dB Bandwidth



5MHz_Low_QPSK_25@0

Occupied Bandwidth

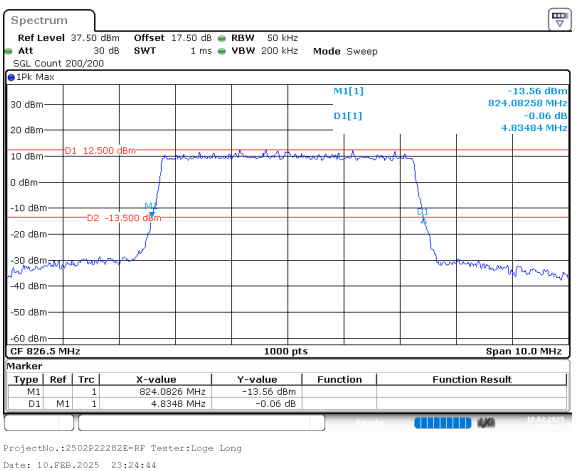
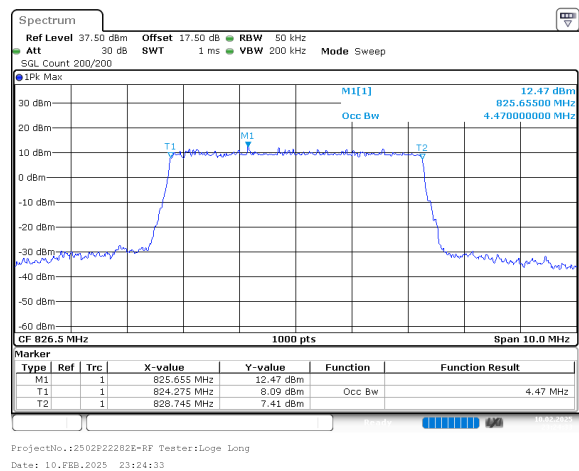
26dB Bandwidth



5MHz_Low_16QAM_25@0

Occupied Bandwidth

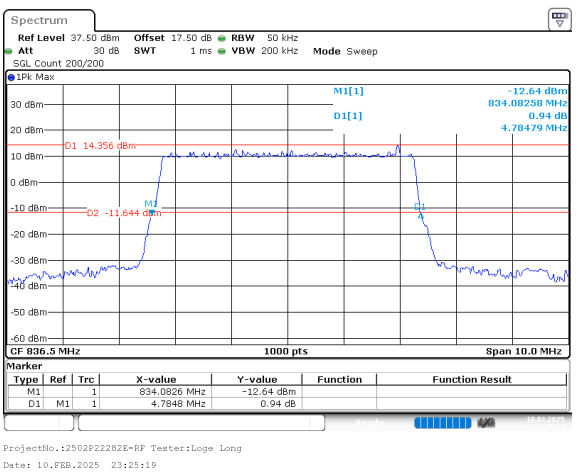
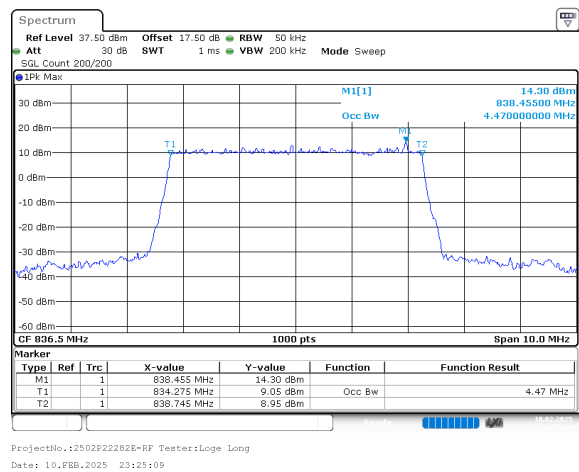
26dB Bandwidth



5MHz_Middle_QPSK_25@0

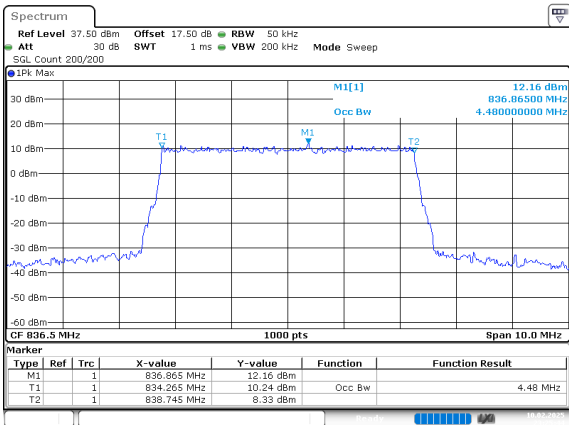
Occupied Bandwidth

26dB Bandwidth



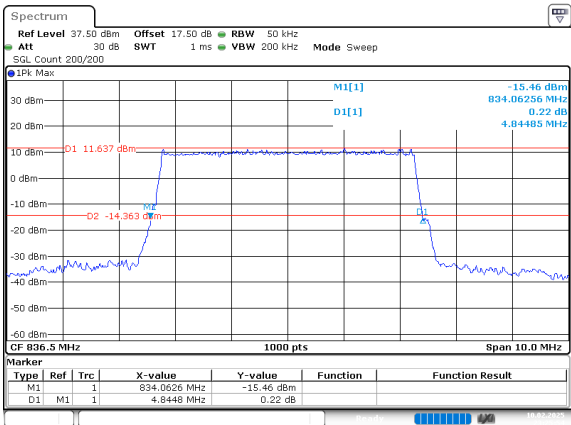
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:25:45

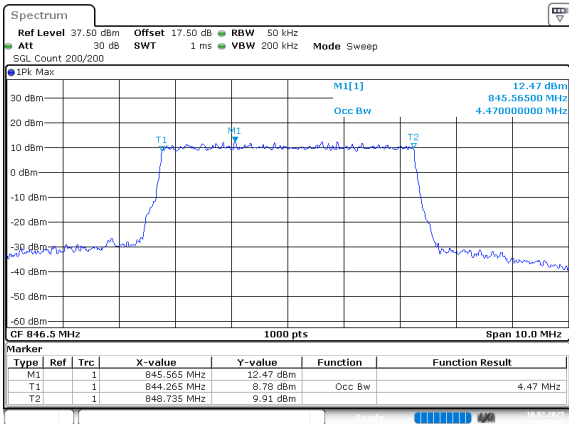
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:25:54

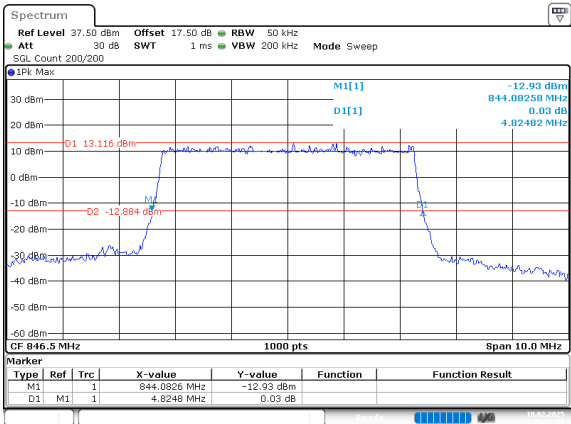
5MHz_High_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:26:22

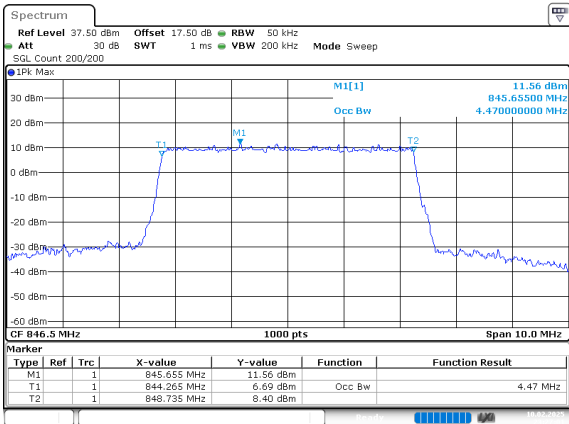
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:26:32

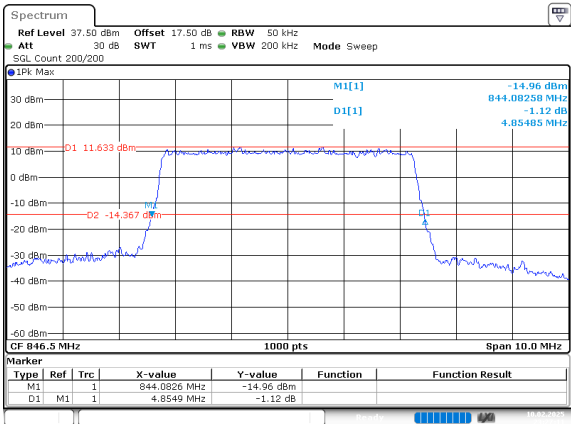
5MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:27:01

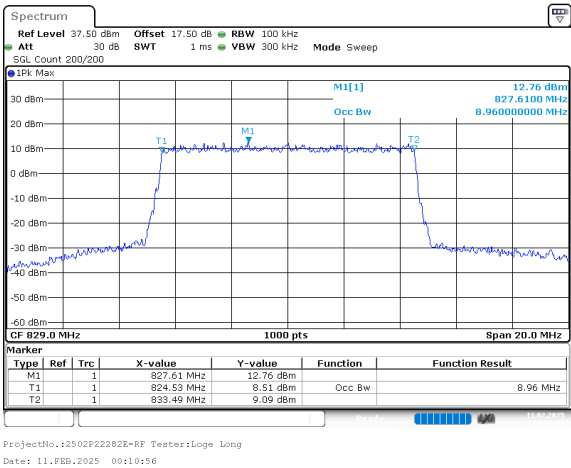
26dB Bandwidth



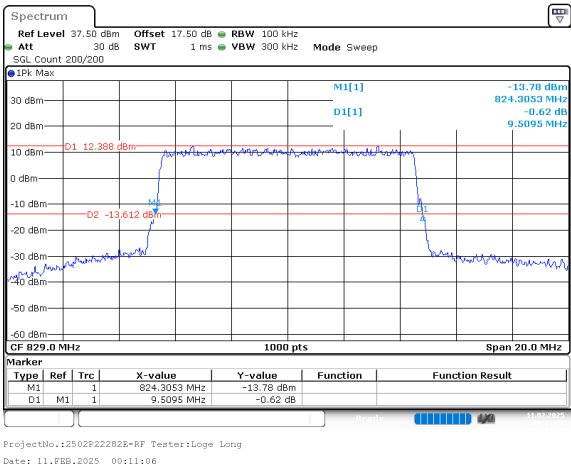
ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 23:27:11

10MHz_Low_QPSK_50@0

Occupied Bandwidth

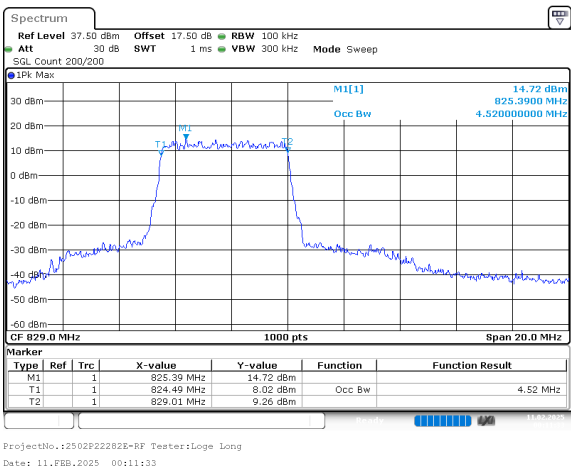


26dB Bandwidth

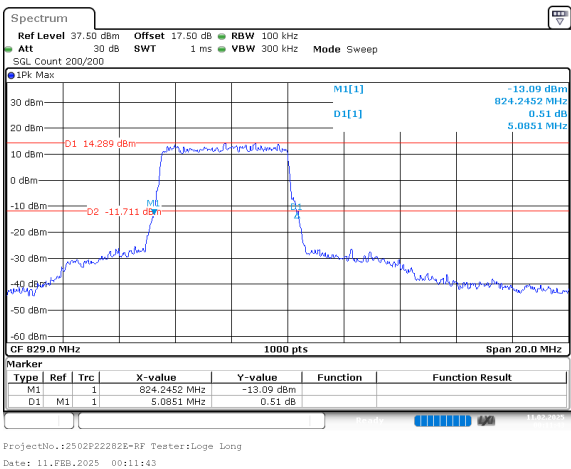


10MHz_Low_16QAM_25@0

Occupied Bandwidth

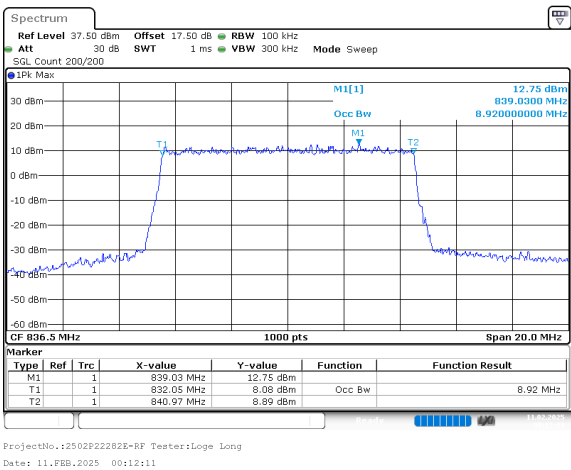


26dB Bandwidth

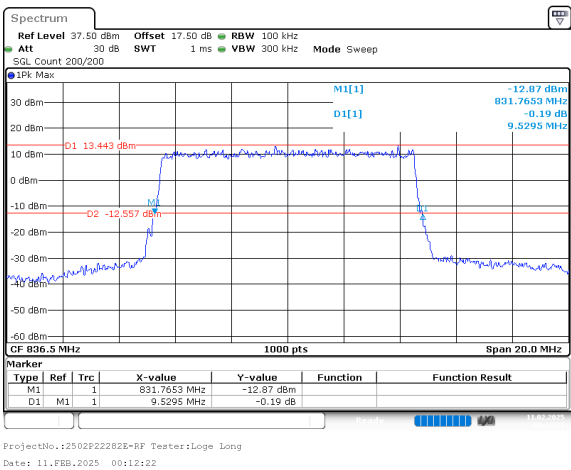


10MHz_Middle_QPSK_50@0

Occupied Bandwidth

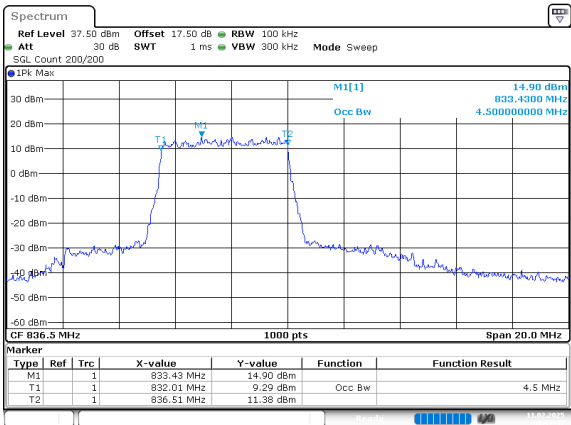


26dB Bandwidth



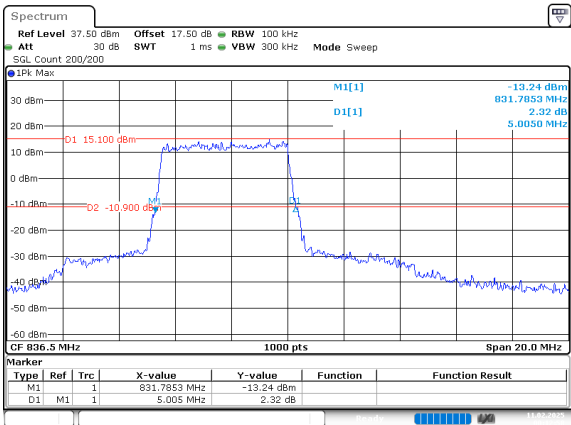
10MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 11.FEB.2025 00:12:48

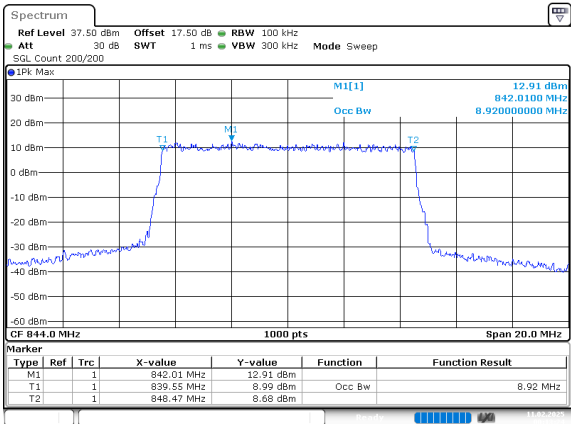
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 11.FEB.2025 00:12:58

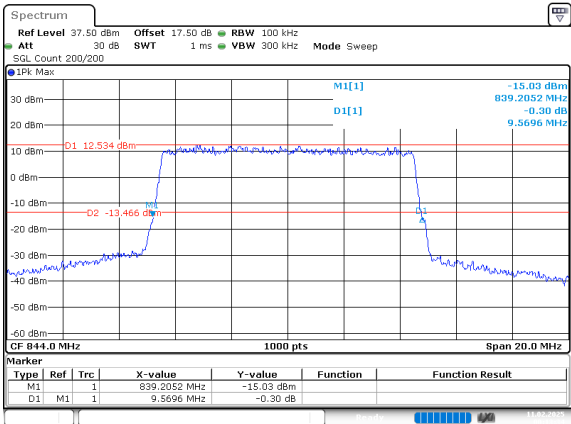
10MHz_High_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 11.FEB.2025 00:13:24

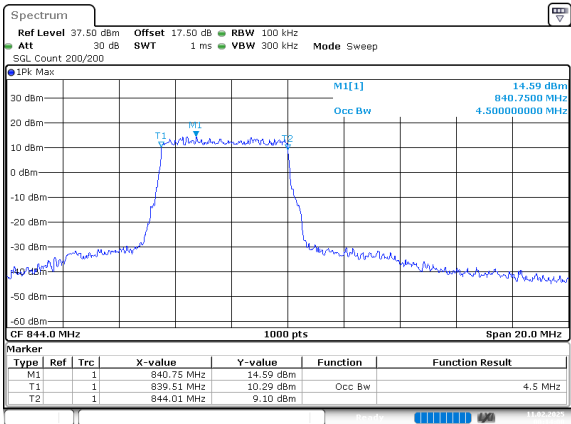
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 11.FEB.2025 00:13:34

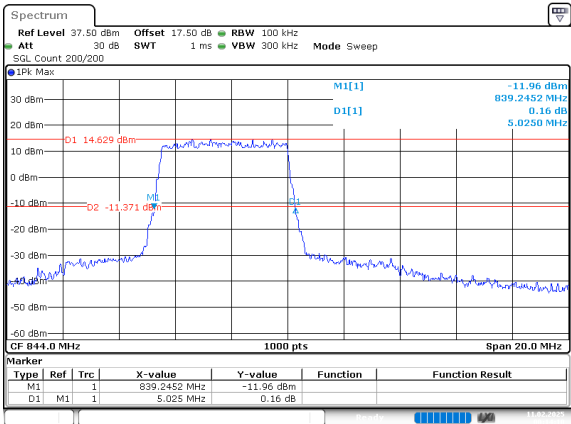
10MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 11.FEB.2025 00:14:00

26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 11.FEB.2025 00:14:10

FCC Part 24E

Band 2, Normal

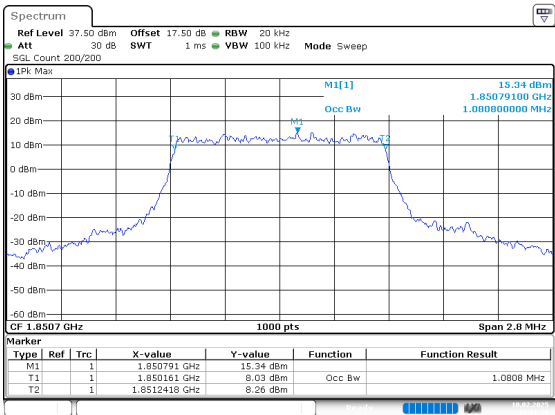
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.081	1.225
1.4MHz_Low_16QAM_6@0	1.086	1.272
1.4MHz_Middle_QPSK_6@0	1.089	1.267
1.4MHz_Middle_16QAM_6@0	1.081	1.247
1.4MHz_High_QPSK_6@0	1.078	1.261
1.4MHz_High_16QAM_6@0	1.084	1.264
3MHz_Low_QPSK_15@0	2.682	2.889
3MHz_Low_16QAM_15@0	2.682	2.919
3MHz_Middle_QPSK_15@0	2.682	2.907
3MHz_Middle_16QAM_15@0	2.682	2.913
3MHz_High_QPSK_15@0	2.676	2.901
3MHz_High_16QAM_15@0	2.688	2.895
5MHz_Low_QPSK_25@0	4.460	4.825
5MHz_Low_16QAM_25@0	4.460	4.815
5MHz_Middle_QPSK_25@0	4.470	4.835
5MHz_Middle_16QAM_25@0	4.480	4.895
5MHz_High_QPSK_25@0	4.470	4.835
5MHz_High_16QAM_25@0	4.470	4.865
10MHz_Low_QPSK_50@0	8.920	9.630
10MHz_Low_16QAM_25@0	4.500	5.105
10MHz_Middle_QPSK_50@0	8.940	9.550
10MHz_Middle_16QAM_25@0	4.520	5.125
10MHz_High_QPSK_50@0	8.920	9.530
10MHz_High_16QAM_25@0	4.520	5.065
15MHz_Low_QPSK_75@0	13.410	14.324
15MHz_Low_16QAM_25@0	4.560	5.375
15MHz_Middle_QPSK_75@0	13.440	14.324
15MHz_Middle_16QAM_25@0	4.650	5.375
15MHz_High_QPSK_75@0	13.380	14.234
15MHz_High_16QAM_25@0	4.620	5.375

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.880	18.899
20MHz_Low_16QAM_25@0	4.600	5.325
20MHz_Middle_QPSK_100@0	17.880	18.779
20MHz_Middle_16QAM_25@0	4.600	5.285
20MHz_High_QPSK_100@0	17.880	18.859
20MHz_High_16QAM_25@0	4.600	5.405

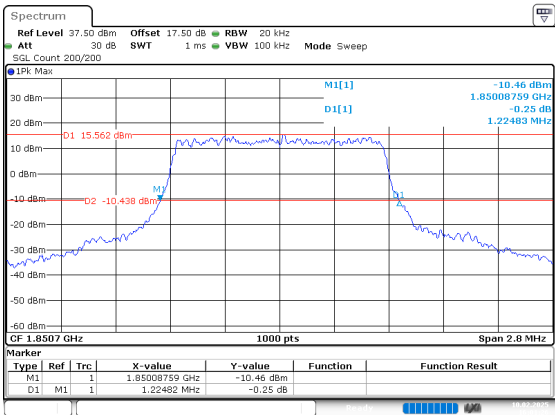
Band 2, Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

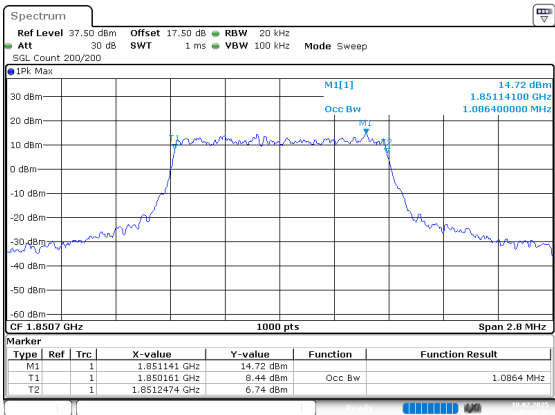


26dB Bandwidth

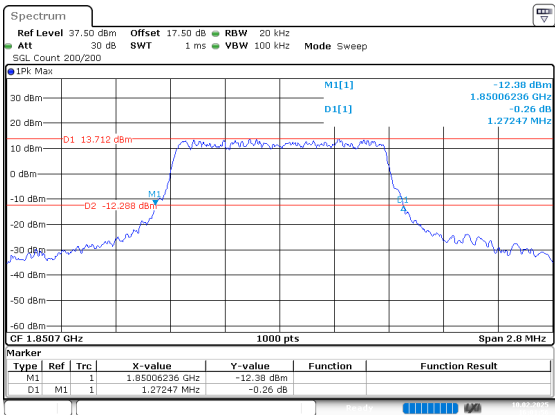


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

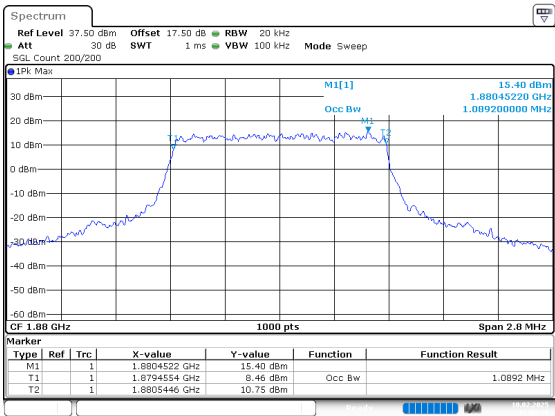


26dB Bandwidth

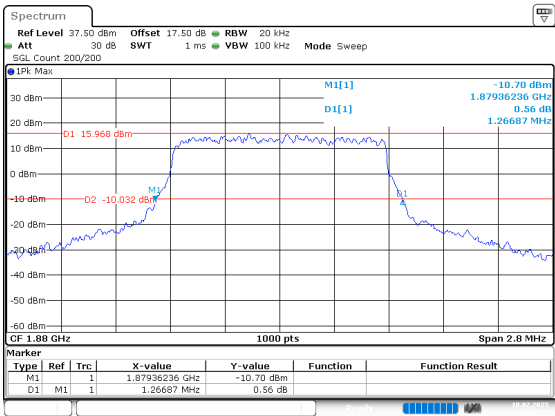


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth

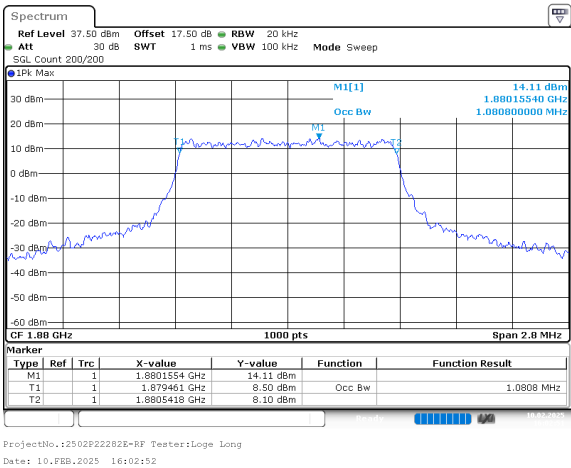


26dB Bandwidth

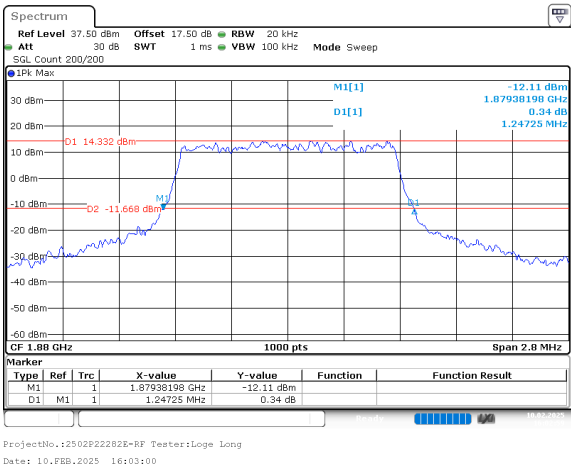


1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

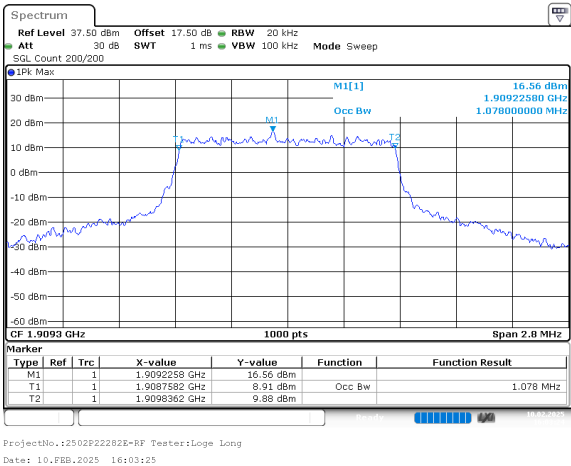


26dB Bandwidth

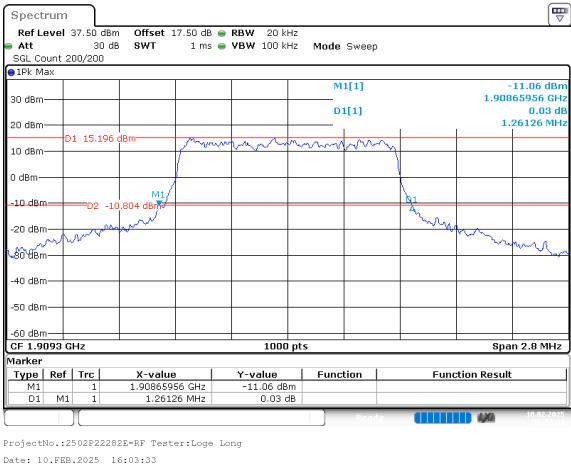


1.4MHz_High_QPSK_6@0

Occupied Bandwidth

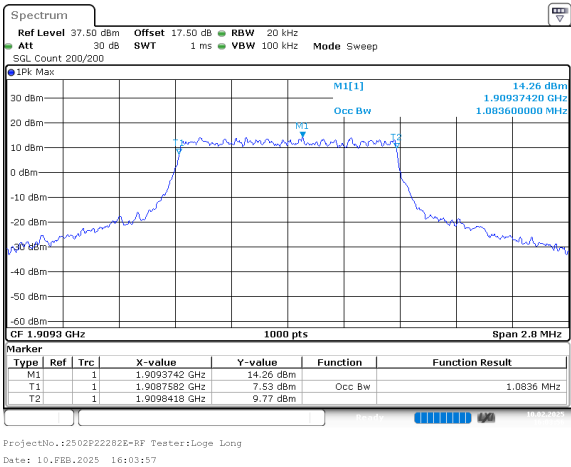


26dB Bandwidth

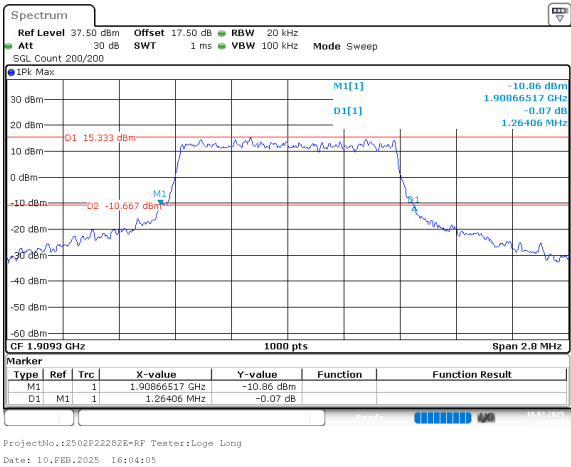


1.4MHz_High_16QAM_6@0

Occupied Bandwidth

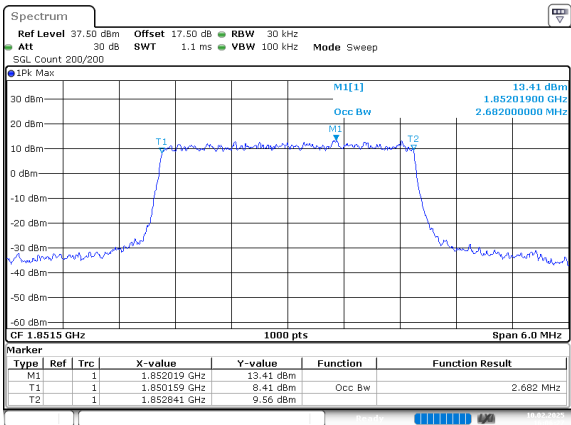


26dB Bandwidth



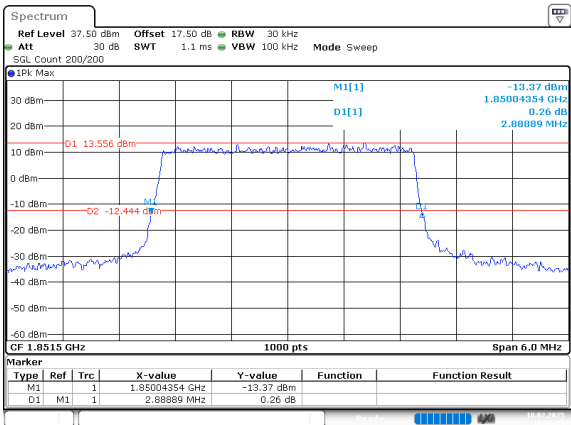
3MHz_Low_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 16:06:28

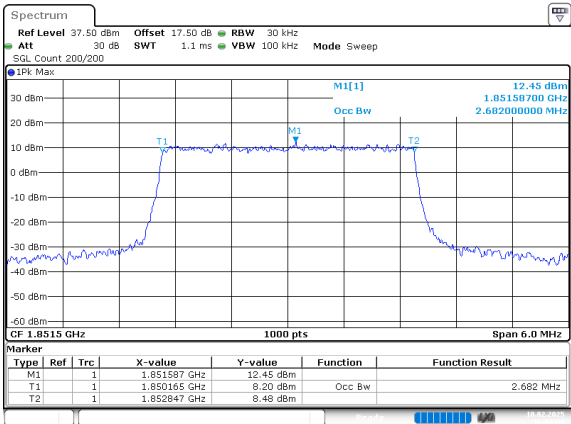
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 16:06:36

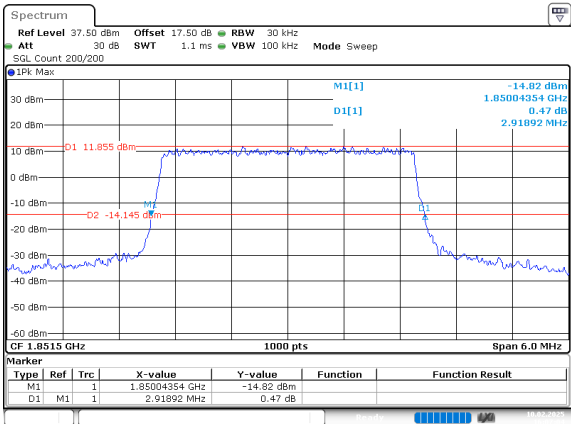
3MHz_Low_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 16:06:56

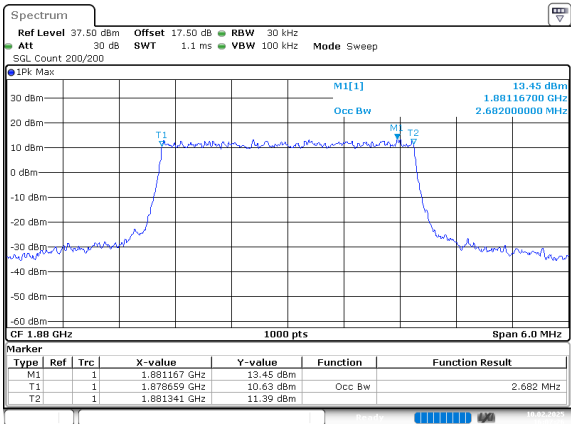
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 16:07:05

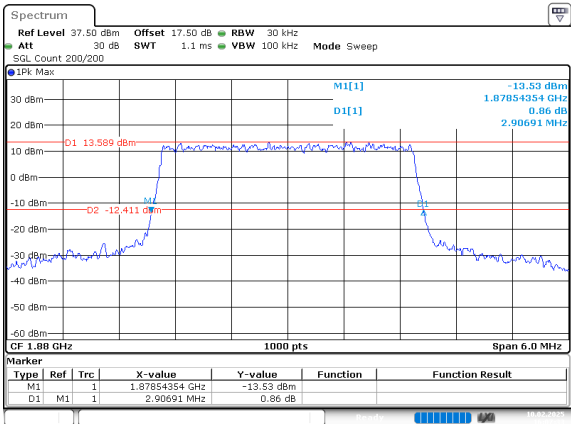
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 16:07:26

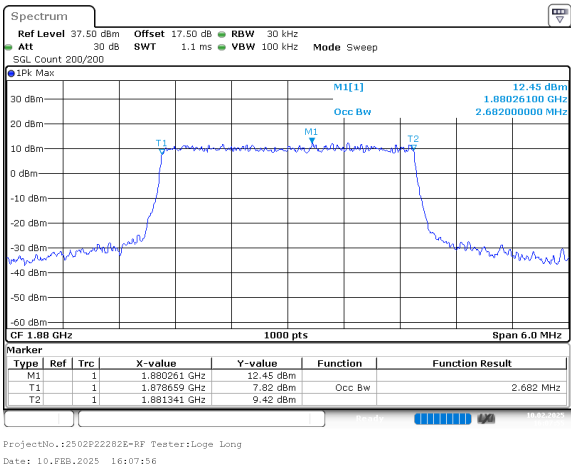
26dB Bandwidth



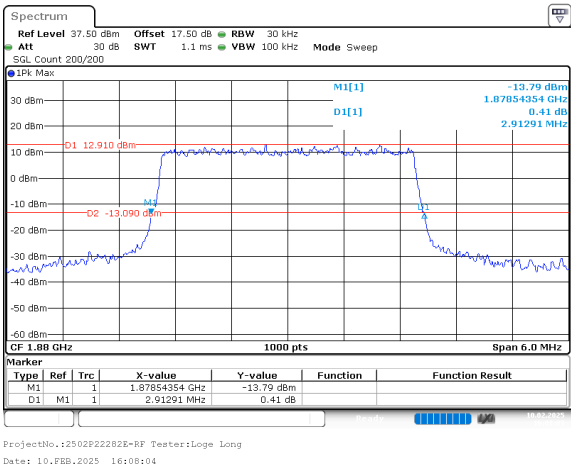
ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 16:07:34

3MHz_Middle_16QAM_15@0

Occupied Bandwidth

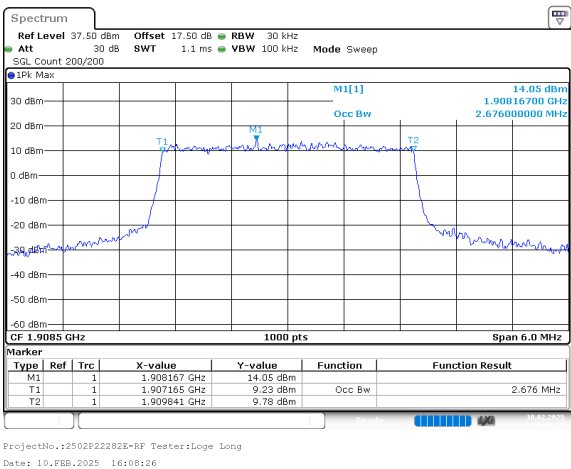


26dB Bandwidth

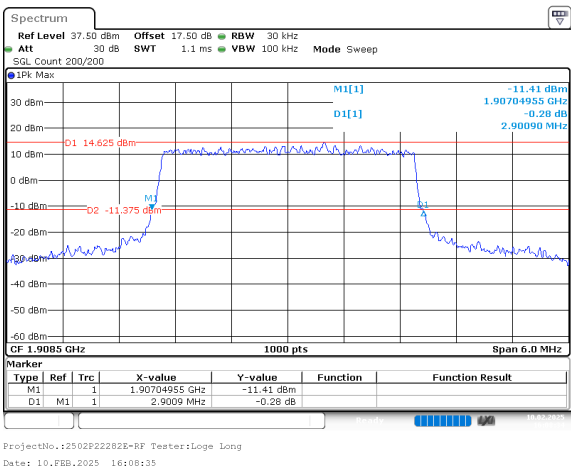


3MHz_High_QPSK_15@0

Occupied Bandwidth

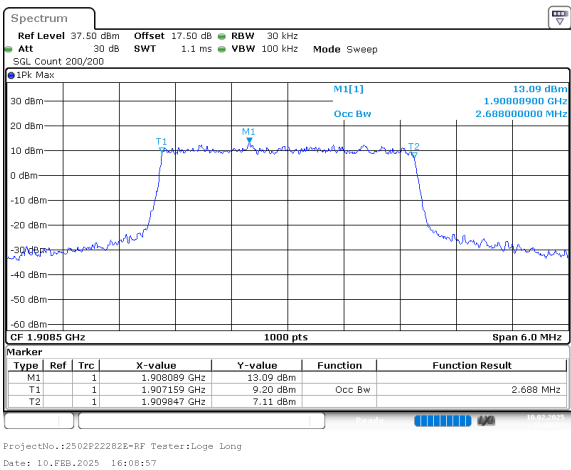


26dB Bandwidth

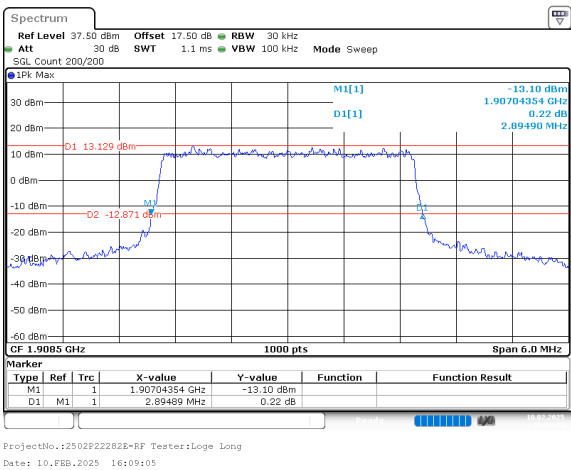


3MHz_High_16QAM_15@0

Occupied Bandwidth

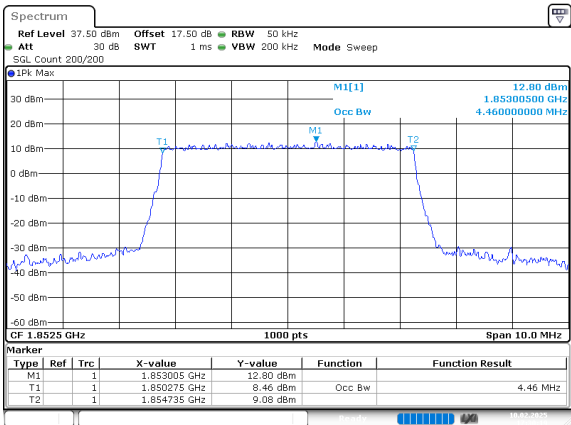


26dB Bandwidth



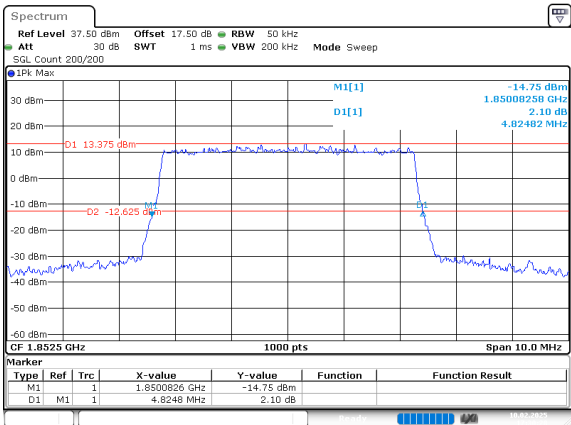
5MHz_Low_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:30:19

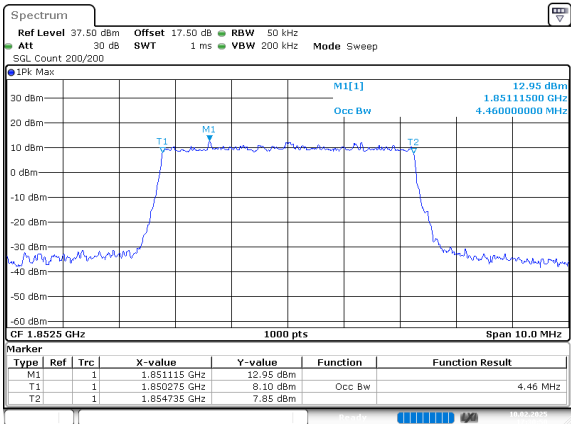
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:30:28

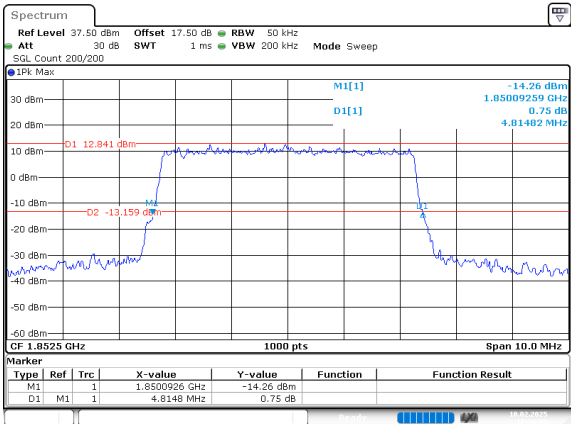
5MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:30:50

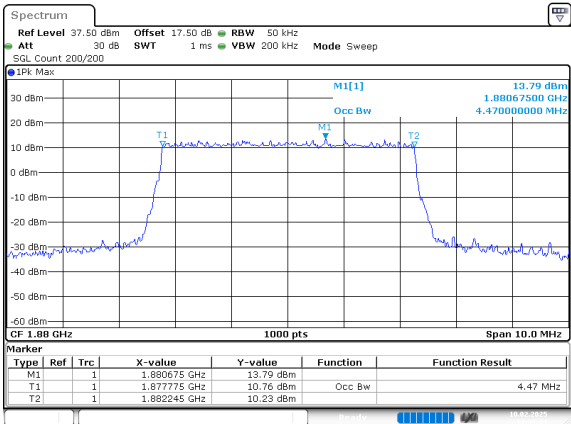
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:30:59

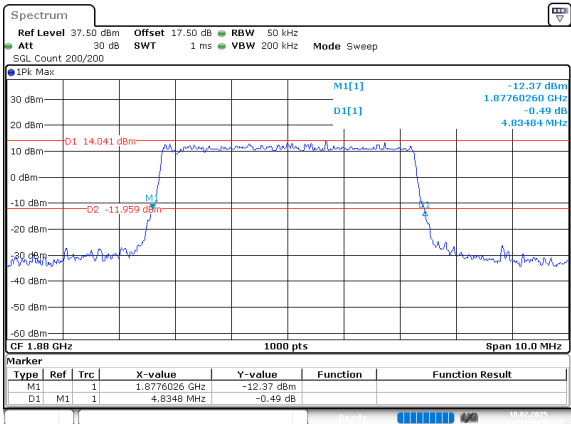
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:31:21

26dB Bandwidth

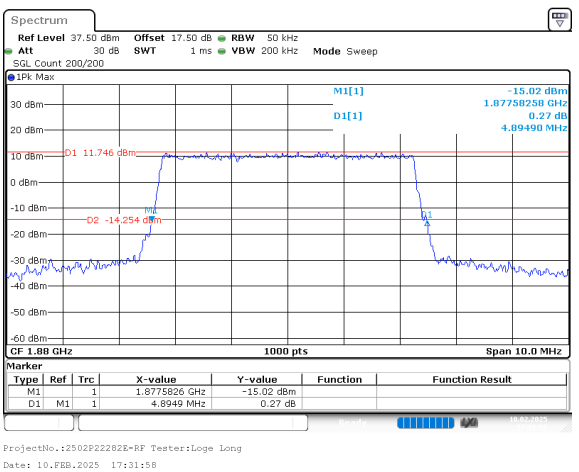
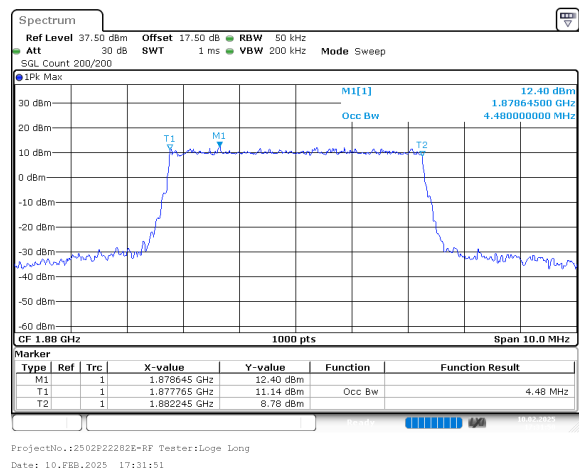


ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:31:29

5MHz_Middle_16QAM_25@0

Occupied Bandwidth

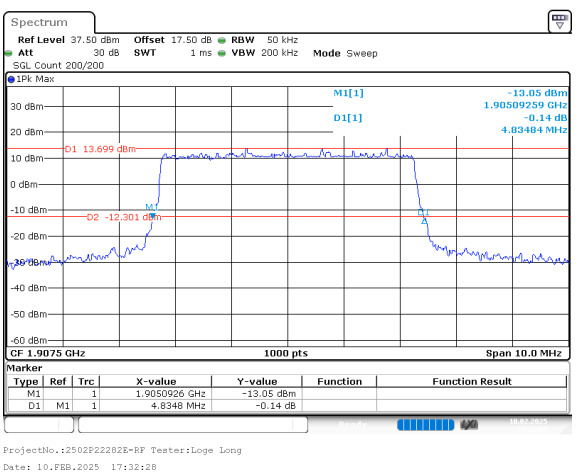
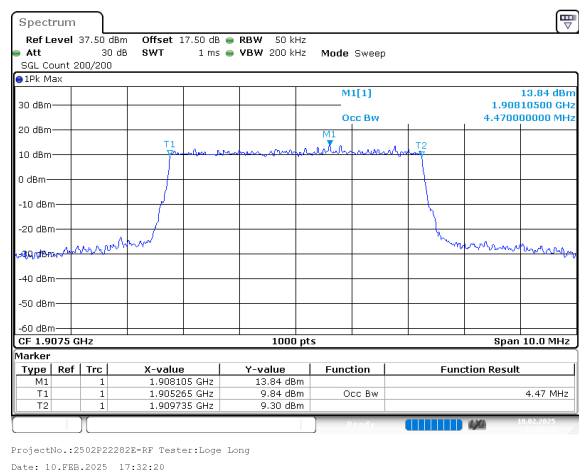
26dB Bandwidth



5MHz_High_QPSK_25@0

Occupied Bandwidth

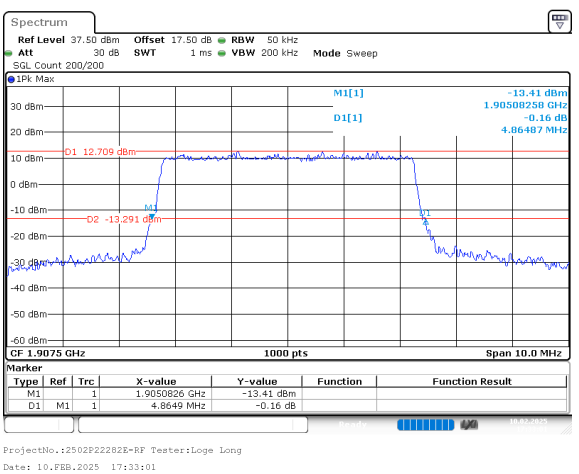
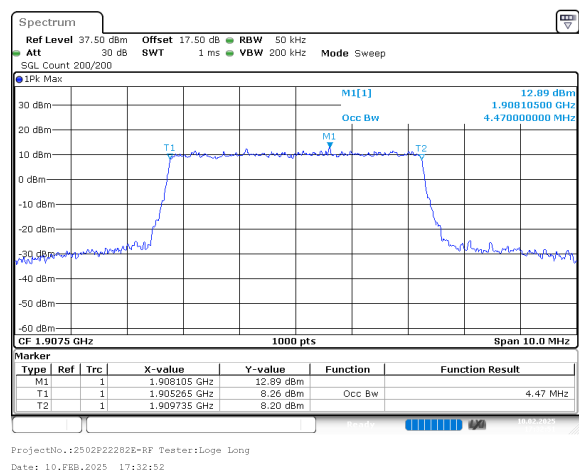
26dB Bandwidth



5MHz_High_16QAM_25@0

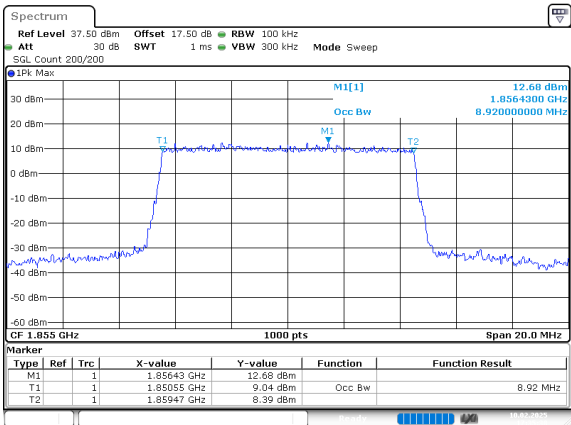
Occupied Bandwidth

26dB Bandwidth



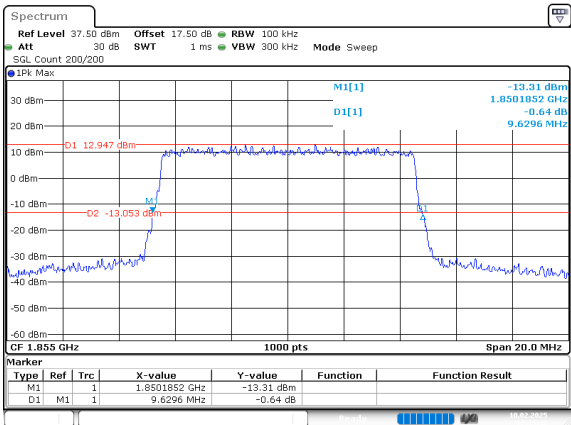
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:35:38

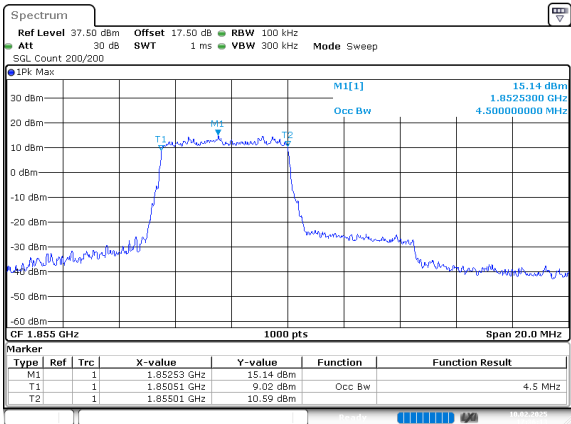
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:35:48

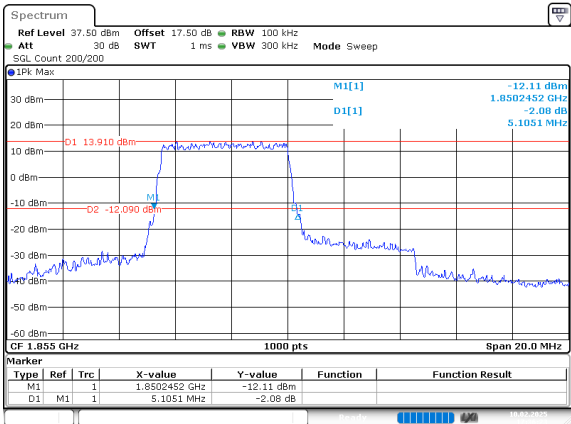
10MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:36:13

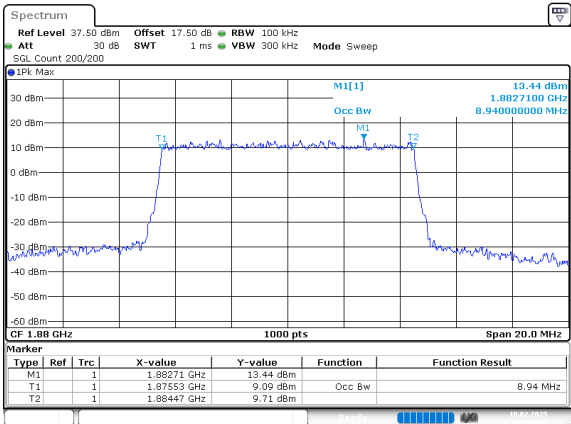
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:36:23

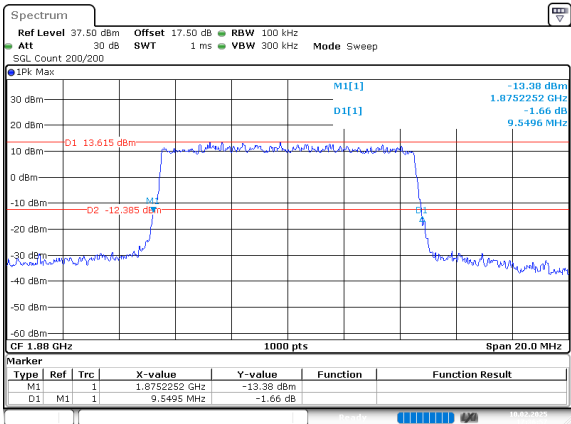
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:36:48

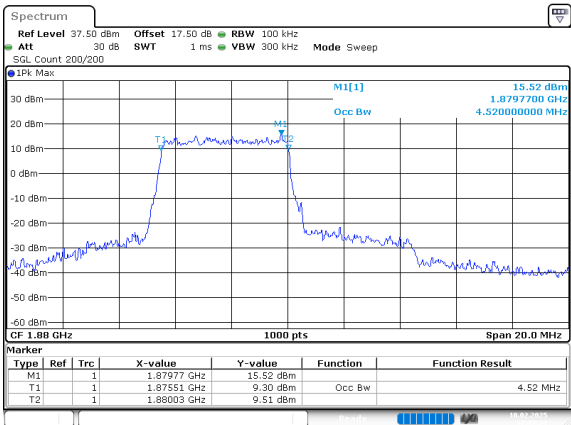
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:36:57

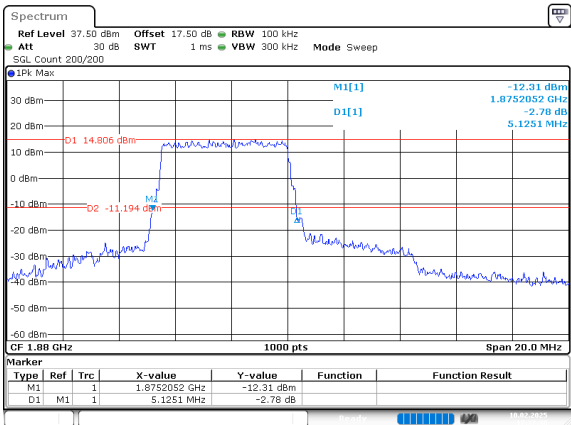
10MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:37:21

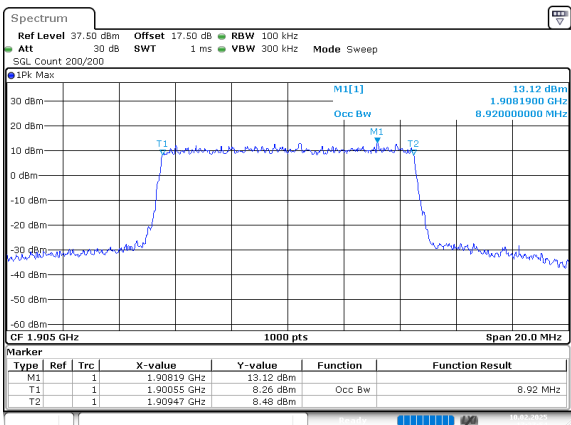
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:37:30

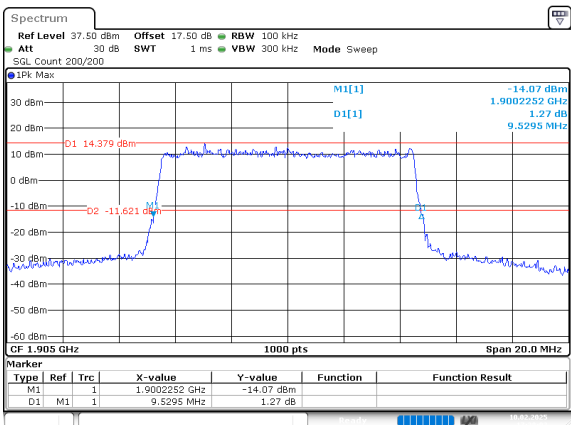
10MHz_High_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:37:54

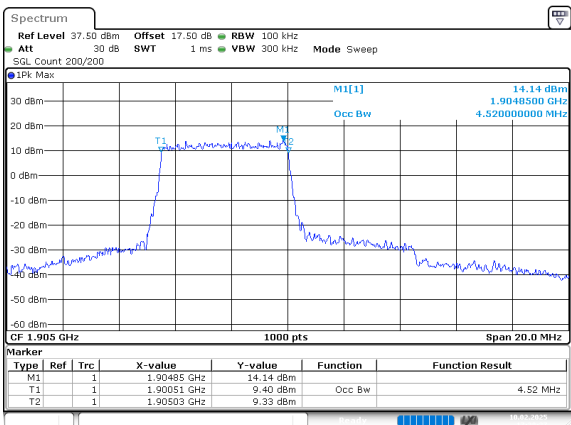
26dB Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:38:03

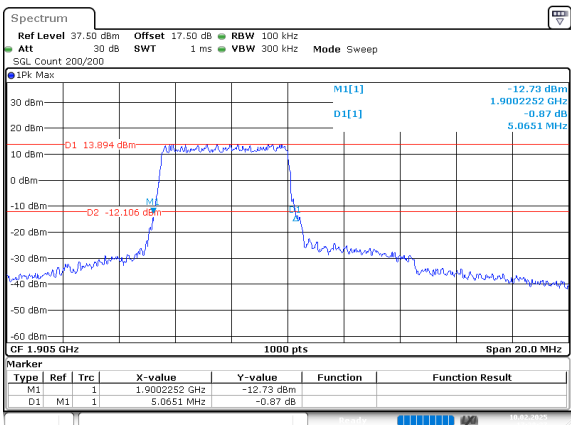
10MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:38:27

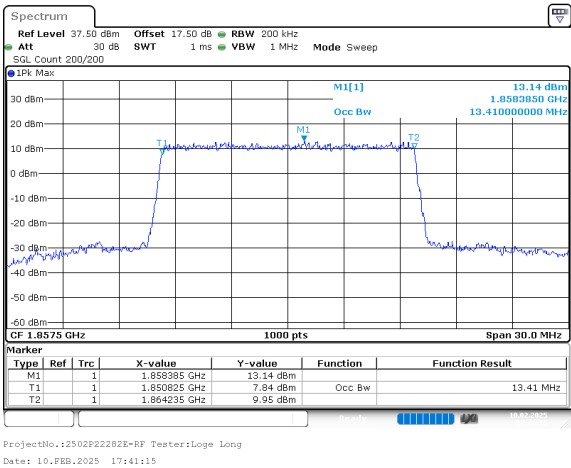
26dB Bandwidth



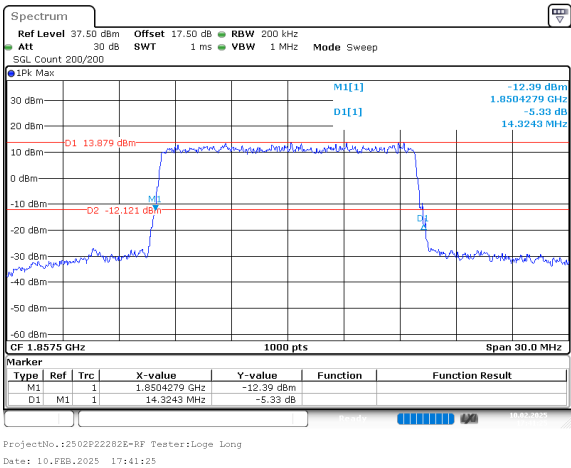
ProjectNo.:2502P22282E-RF Tester:Loge Long
Date: 10.FEB.2025 17:38:37

15MHz_Low_QPSK_75@0

Occupied Bandwidth

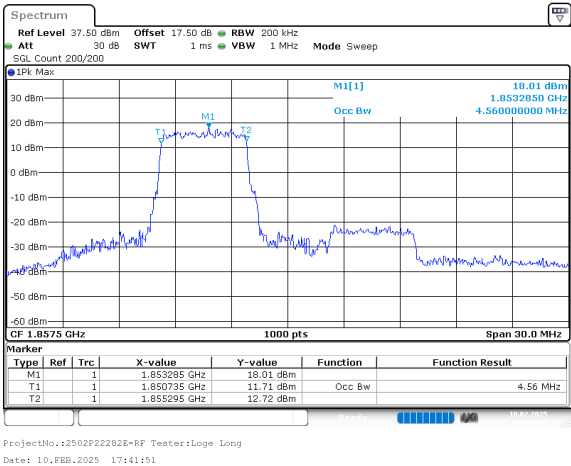


26dB Bandwidth

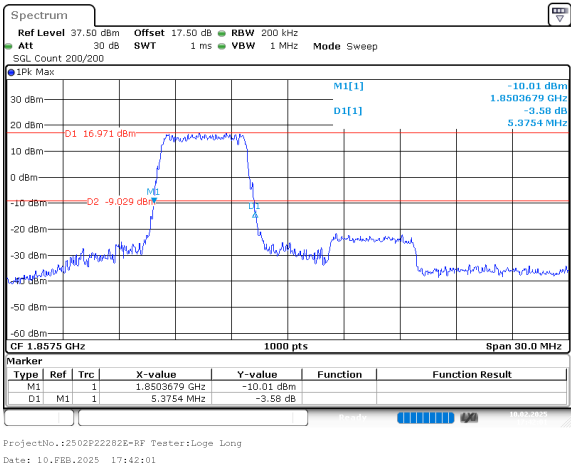


15MHz_Low_16QAM_25@0

Occupied Bandwidth

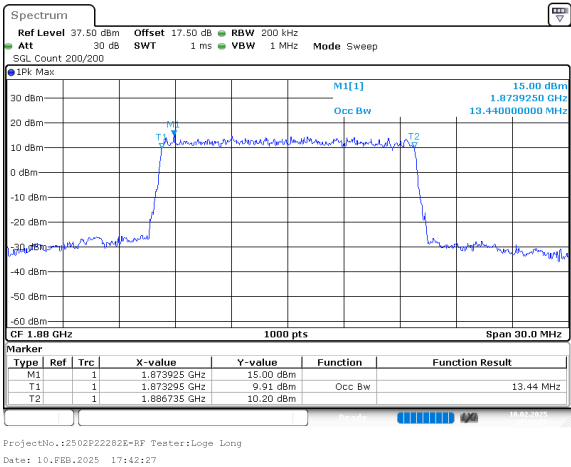


26dB Bandwidth

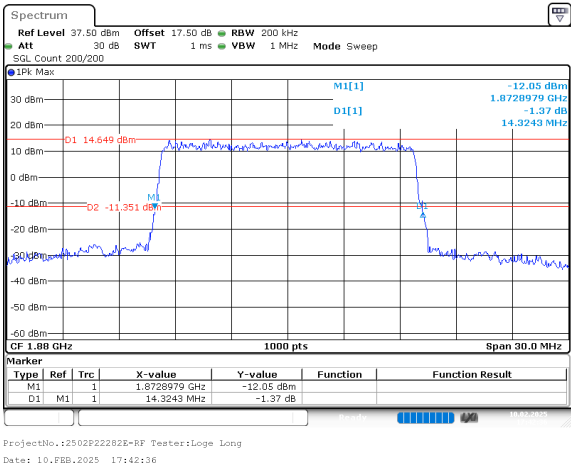


15MHz_Middle_QPSK_75@0

Occupied Bandwidth

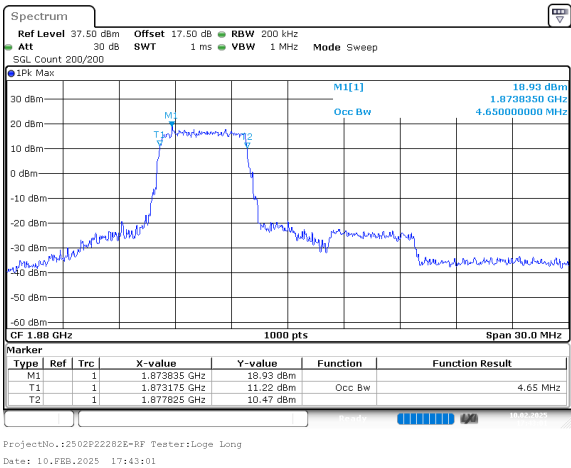


26dB Bandwidth

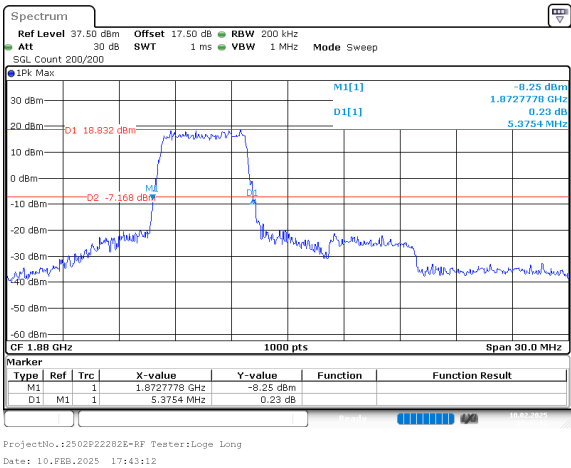


15MHz_Middle_16QAM_25@0

Occupied Bandwidth

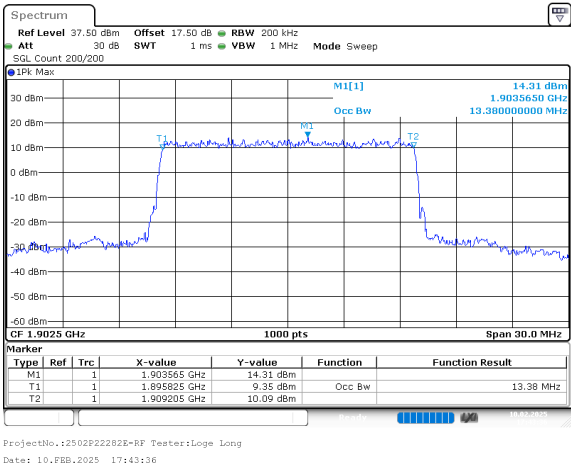


26dB Bandwidth

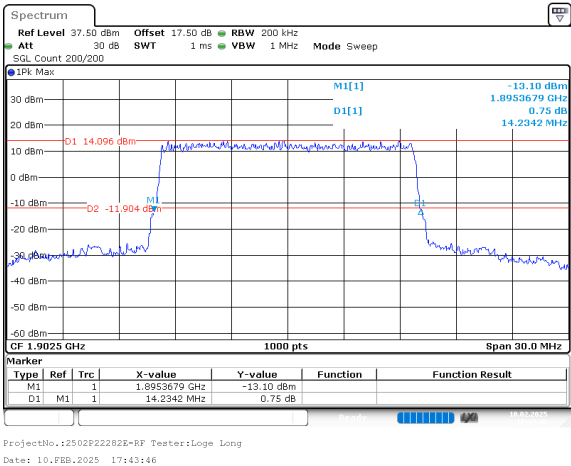


15MHz_High_QPSK_75@0

Occupied Bandwidth

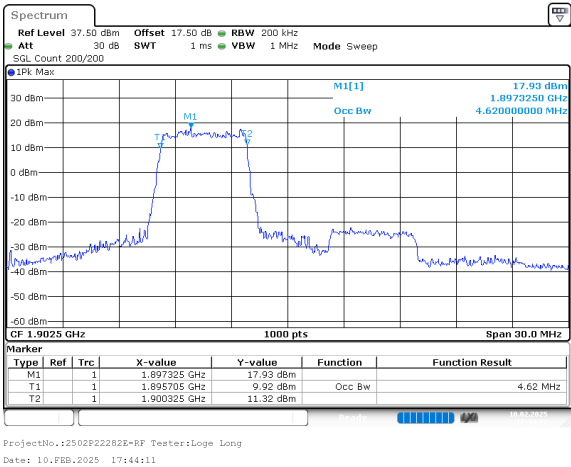


26dB Bandwidth



15MHz_High_16QAM_25@0

Occupied Bandwidth



26dB Bandwidth

