

Appendix A

Test Information:

Serial No.:	2XX3-2	Test Date:	2025/02/12~2025/02/24
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	19.6~23.9	Relative Humidity: (%)	40~59	ATM Pressure: (kPa)	101.0~102.4
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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	-16.5	-0.020	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-20.4	-0.024	±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	-17.5	-0.021	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-24.9	-0.030	±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	-18.6	-0.022	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-14.5	-0.017	±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	-14.3	-0.017	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-18.7	-0.022	±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	-18.3	-0.022	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-14.9	-0.018	±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	-16.3	-0.019	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-23.4	-0.028	±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	-18.2	-0.022	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-10.3	-0.012	±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	-19.7	-0.024	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-15.5	-0.019	±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	-15.8	-0.019	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-13.2	-0.016	±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	-17.5	-0.021	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-10.6	-0.013	±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	-18.6	-0.022	±2.5	Pass
10MHz_Middle_16QAM_25@0	836.5	-11.6	-0.014	±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	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.436	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	1855.564	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.436	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	1891.129	1908.931	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	1855.564	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

Band 2, T4/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	1891.129	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	1909.111	1850 ~ 1910	Pass

Band 2, T5/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	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.496	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	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_25@0	1850.949	1855.564	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, 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	1850.949	1855.624	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_25@75	1904.436	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	1908.931	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	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_25@0	1851.009	1855.624	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	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	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_25@0	1850.949	1855.624	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

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	1711.129	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	1749.496	1754.111	1710 ~ 1755	Pass

Band 4, T1/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	1710.949	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, 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	1749.496	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	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_25@75	1749.496	1754.111	1710 ~ 1755	Pass

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_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, 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	1749.436	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	1728.991	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	1754.171	1710 ~ 1755	Pass

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_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	1754.051	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	1736.069	1753.931	1710 ~ 1755	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_25@75	1749.496	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	1728.931	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	1749.496	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	1728.931	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	1749.436	1754.171	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	2505.624	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, T1/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, 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	2501.009	2505.564	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.189	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	2501.069	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, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.069	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, 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	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, T6/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	2505.624	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	2564.436	2569.051	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	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.496	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	2564.496	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	2500.949	2505.624	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.496	2569.051	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	2505.564	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_25@75	2564.436	2569.051	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	1761.129	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.436	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	1710.949	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.129	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.436	1779.111	1710 ~ 1780	Pass

Band 66, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	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, T3/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
20MHz_High_16QAM_25@75	1774.496	1779.111	1710 ~ 1780	Pass

Band 66, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	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	1711.189	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_25@0	1711.009	1715.684	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	1715.564	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, T7/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	1715.624	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, 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	1715.624	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_25@75	1774.436	1779.051	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	1761.129	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	1711.129	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

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

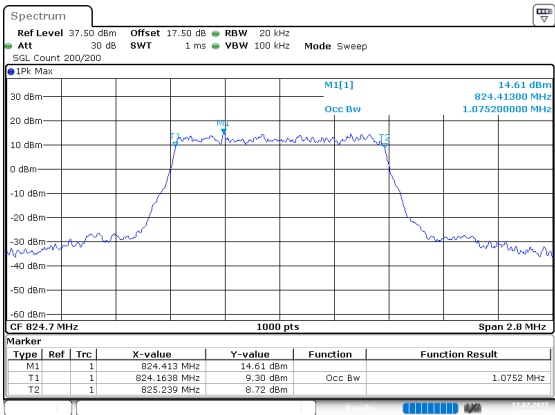
Band 5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.075	1.228
1.4MHz_Low_16QAM_6@0	1.089	1.272
1.4MHz_Middle_QPSK_6@0	1.086	1.247
1.4MHz_Middle_16QAM_6@0	1.078	1.242
1.4MHz_High_QPSK_6@0	1.072	1.242
1.4MHz_High_16QAM_6@0	1.084	1.253
3MHz_Low_QPSK_15@0	2.682	2.895
3MHz_Low_16QAM_15@0	2.682	2.907
3MHz_Middle_QPSK_15@0	2.688	2.883
3MHz_Middle_16QAM_15@0	2.682	2.913
3MHz_High_QPSK_15@0	2.688	2.895
3MHz_High_16QAM_15@0	2.682	2.889
5MHz_Low_QPSK_25@0	4.460	4.815
5MHz_Low_16QAM_25@0	4.470	4.835
5MHz_Middle_QPSK_25@0	4.470	4.855
5MHz_Middle_16QAM_25@0	4.470	4.855
5MHz_High_QPSK_25@0	4.470	4.845
5MHz_High_16QAM_25@0	4.470	4.905
10MHz_Low_QPSK_50@0	8.940	9.610
10MHz_Low_16QAM_25@0	4.500	5.045
10MHz_Middle_QPSK_50@0	8.940	9.570
10MHz_Middle_16QAM_25@0	4.500	5.145
10MHz_High_QPSK_50@0	8.940	9.590
10MHz_High_16QAM_25@0	4.520	5.065

Band 5, Normal

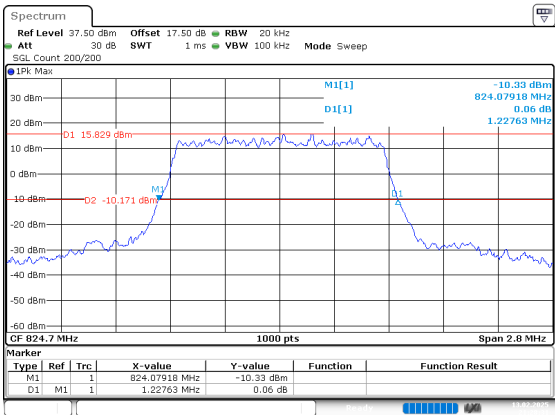
1.4MHz_Low_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:28:23

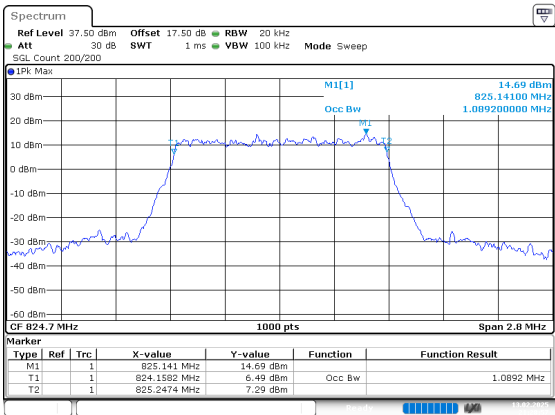
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:28:32

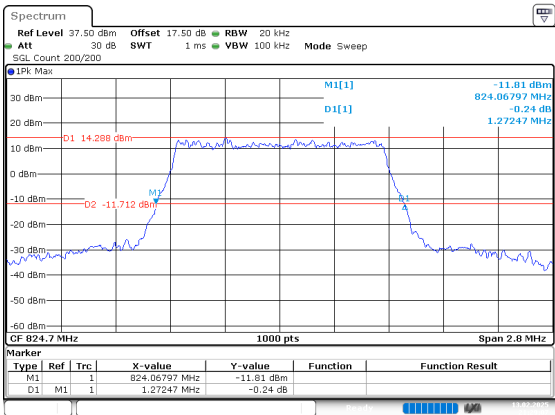
1.4MHz_Low_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:28:58

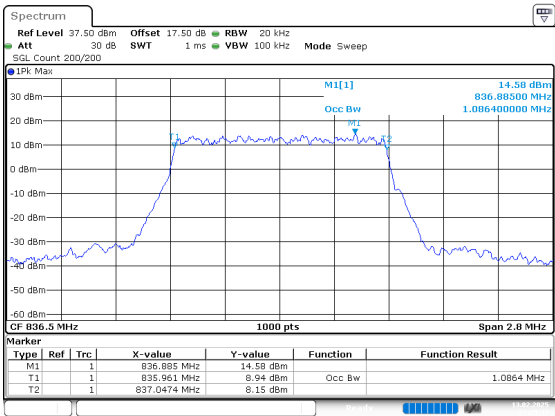
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:29:07

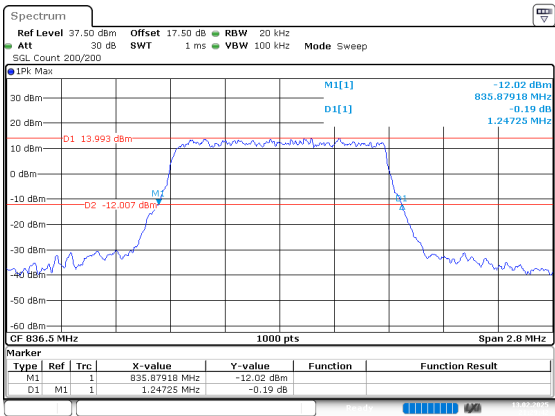
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:29:34

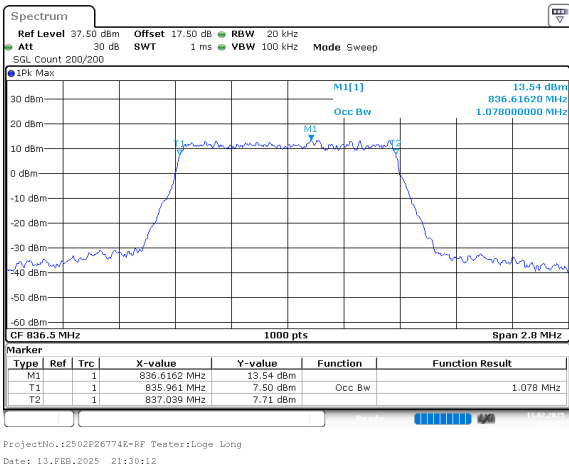
26dB Bandwidth



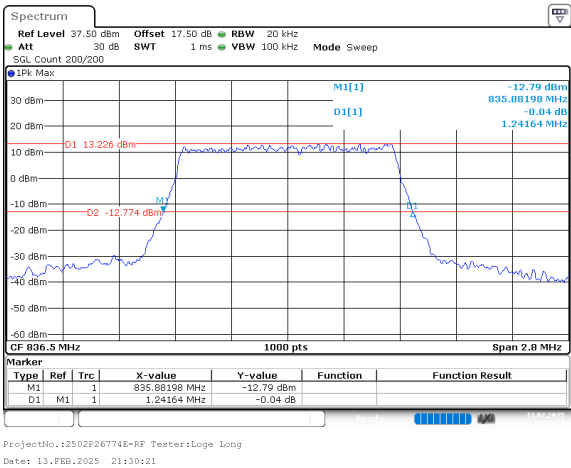
ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:29:43

1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

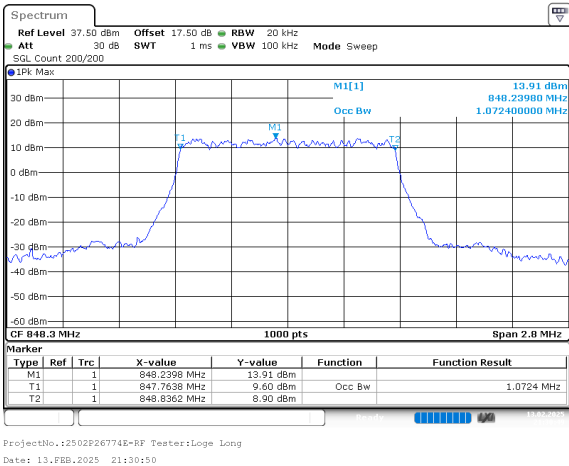


26dB Bandwidth

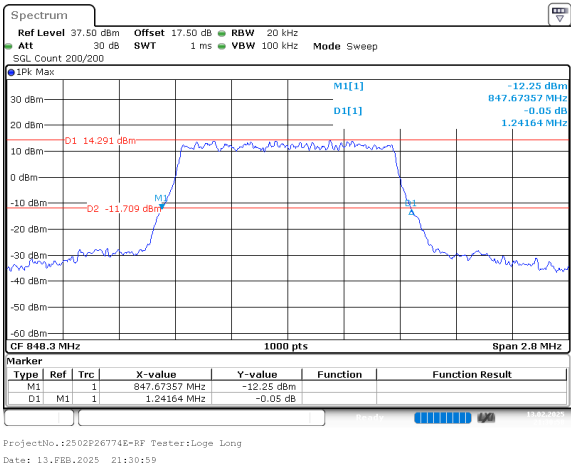


1.4MHz_High_QPSK_6@0

Occupied Bandwidth

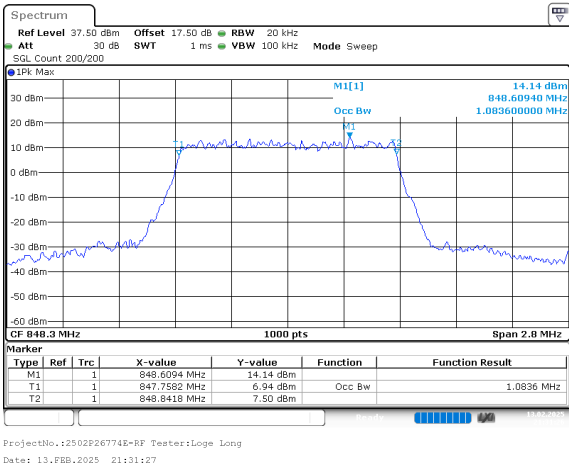


26dB Bandwidth

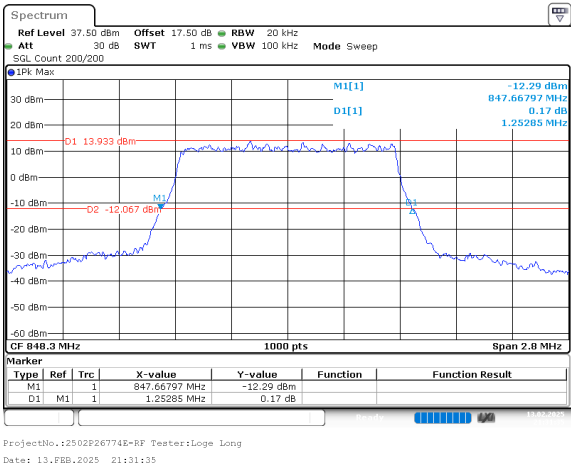


1.4MHz_High_16QAM_6@0

Occupied Bandwidth

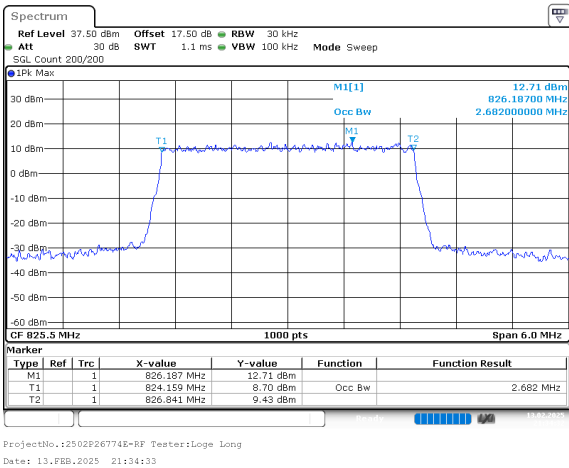


26dB Bandwidth

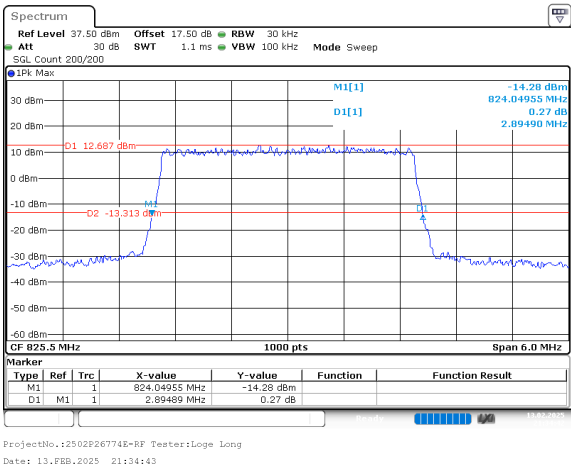


3MHz_Low_QPSK_15@0

Occupied Bandwidth

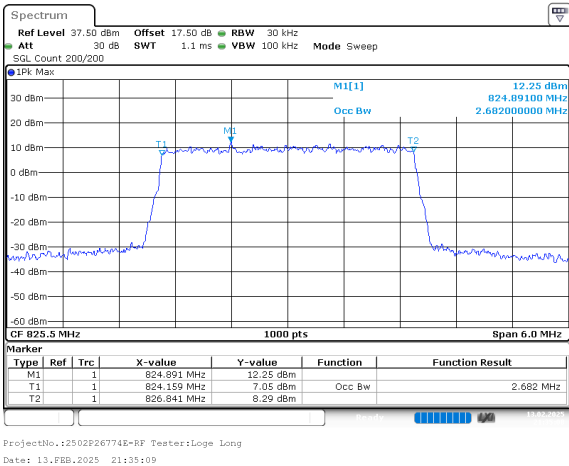


26dB Bandwidth

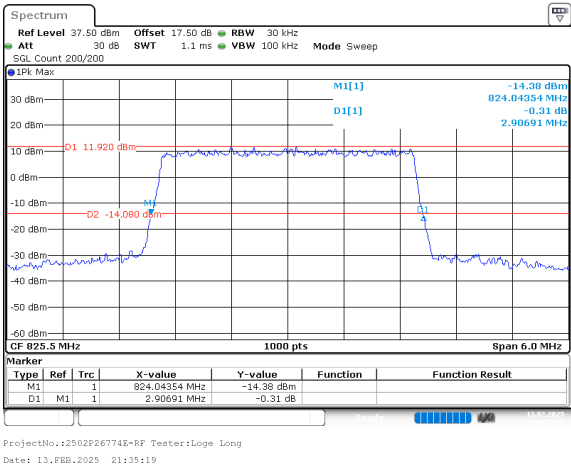


3MHz_Low_16QAM_15@0

Occupied Bandwidth

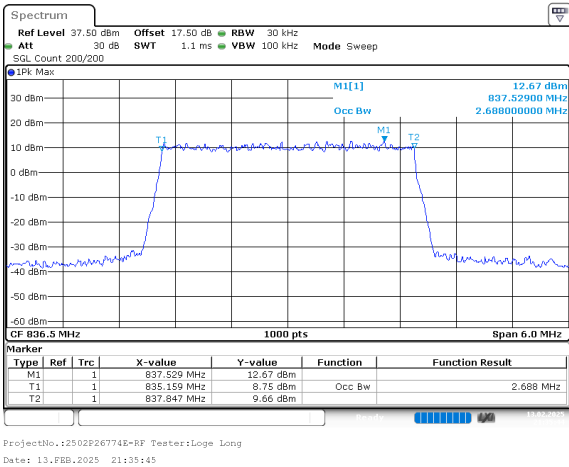


26dB Bandwidth

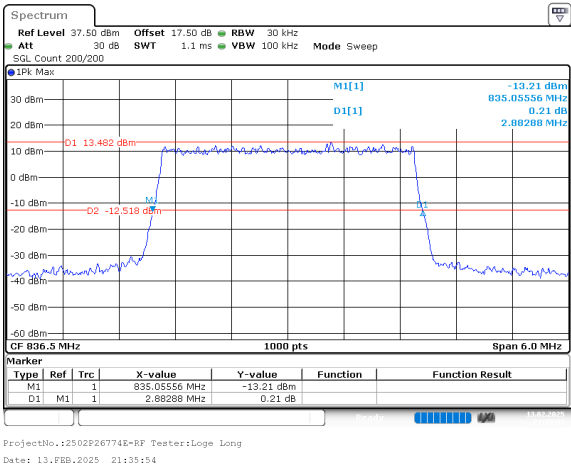


3MHz_Middle_QPSK_15@0

Occupied Bandwidth

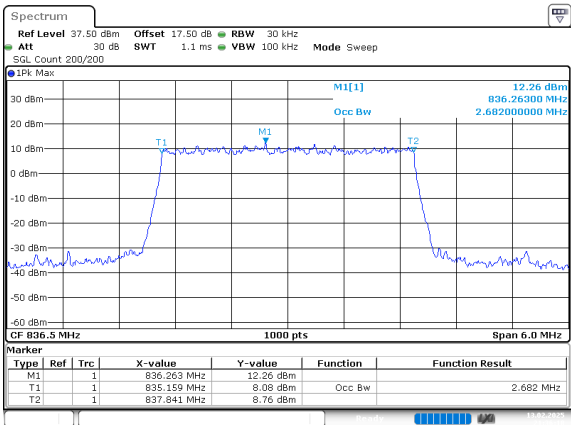


26dB Bandwidth



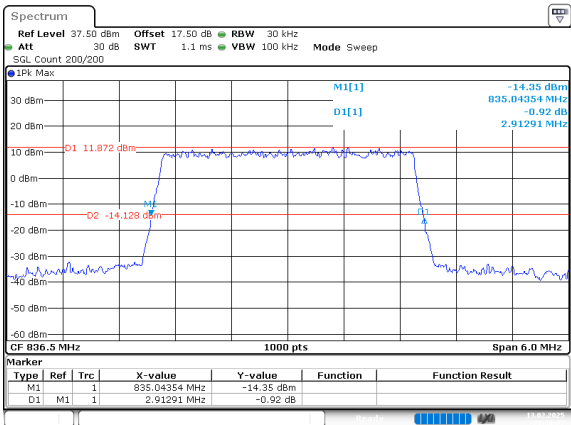
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 21:36:19

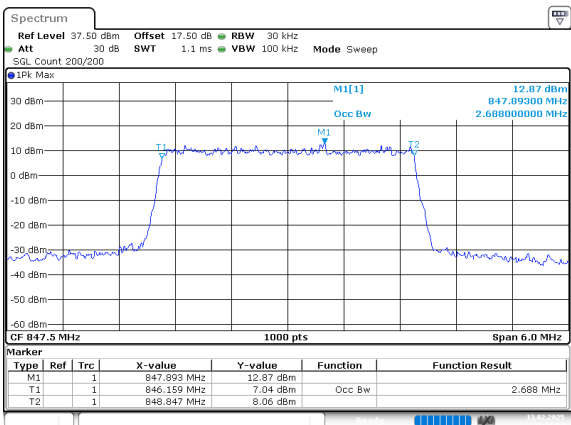
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 21:36:28

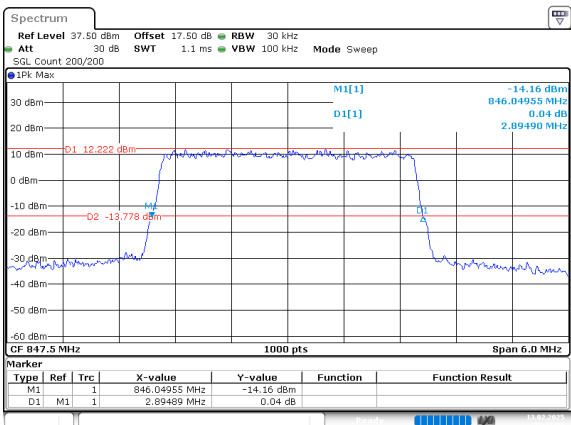
3MHz_High_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 21:36:53

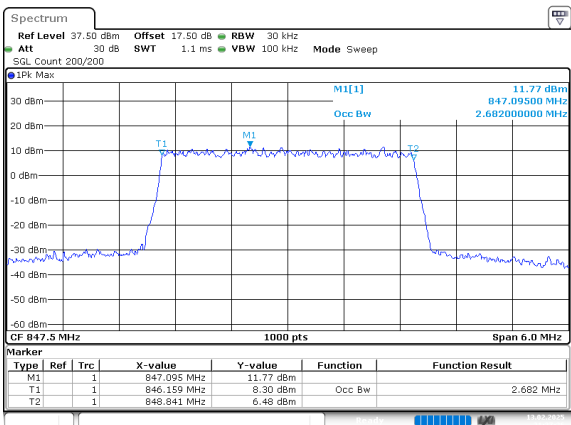
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 21:37:02

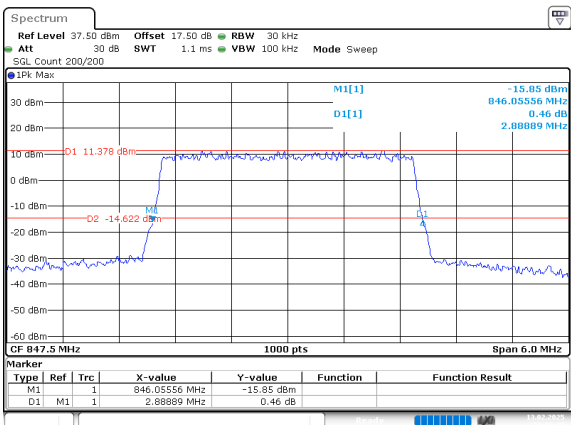
3MHz_High_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 21:37:27

26dB Bandwidth

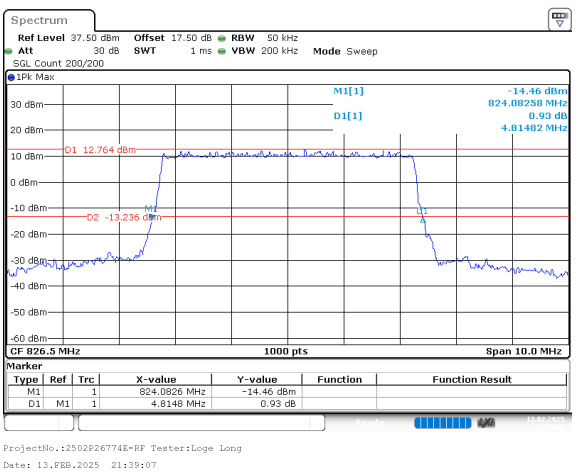
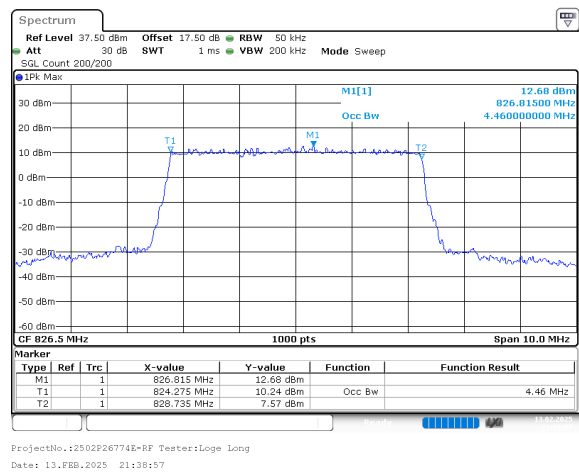


ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 21:37:36

5MHz_Low_QPSK_25@0

Occupied Bandwidth

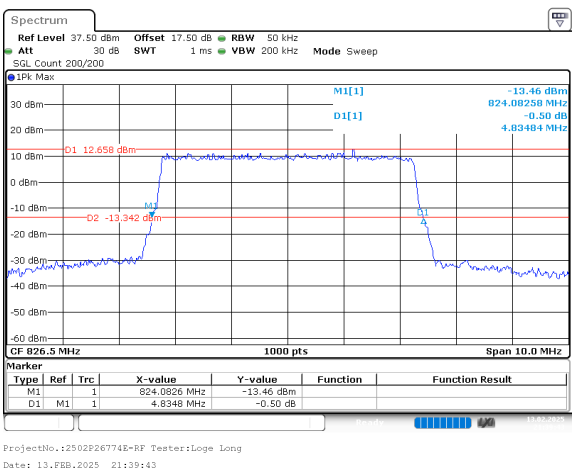
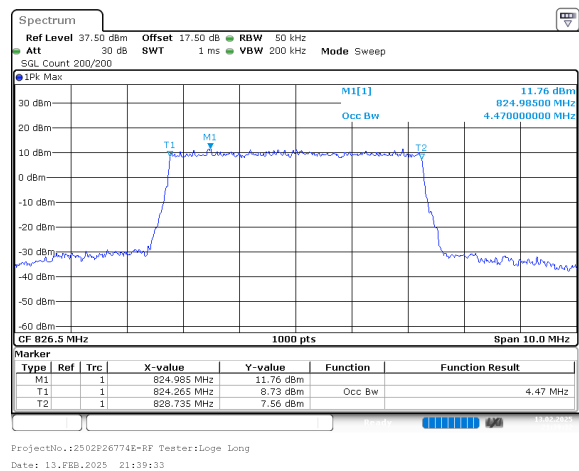
26dB Bandwidth



5MHz_Low_16QAM_25@0

Occupied Bandwidth

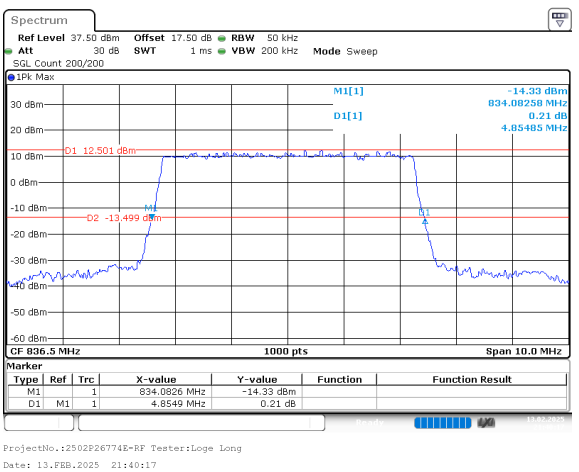
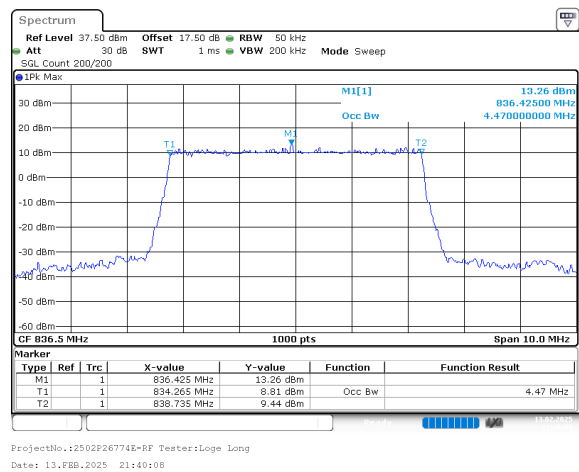
26dB Bandwidth



5MHz_Middle_QPSK_25@0

Occupied Bandwidth

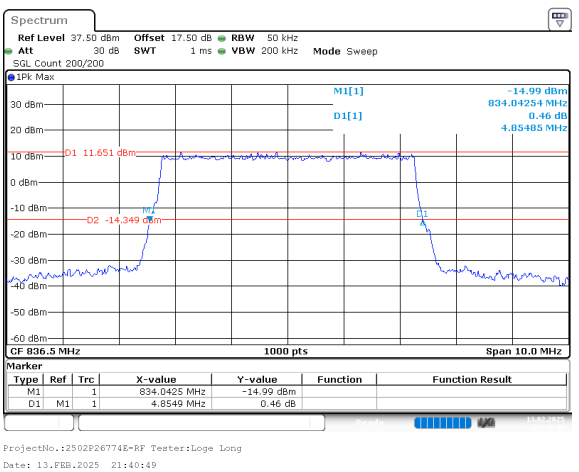
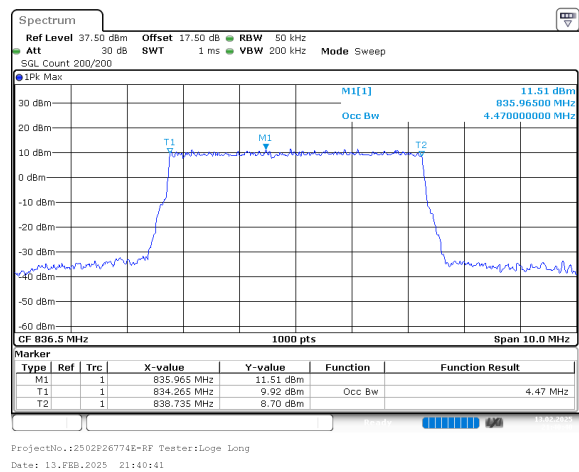
26dB Bandwidth



5MHz_Middle_16QAM_25@0

Occupied Bandwidth

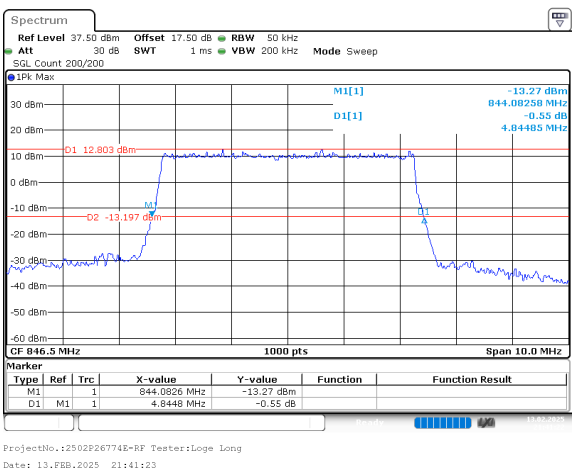
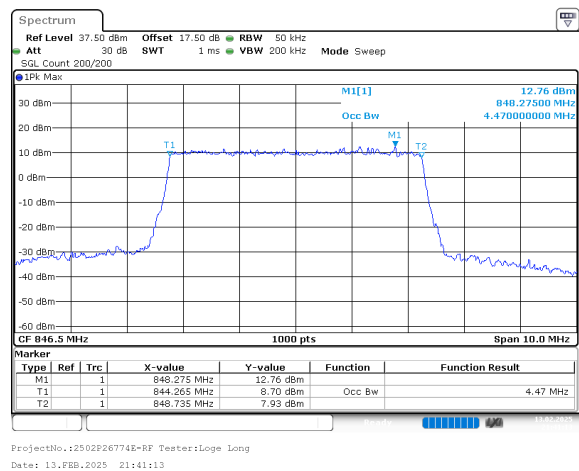
26dB Bandwidth



5MHz_High_QPSK_25@0

Occupied Bandwidth

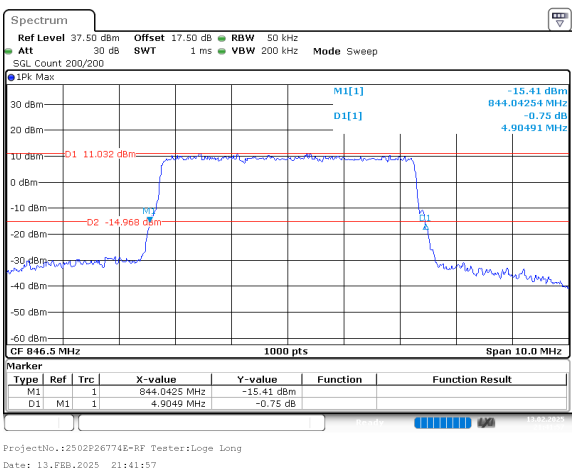
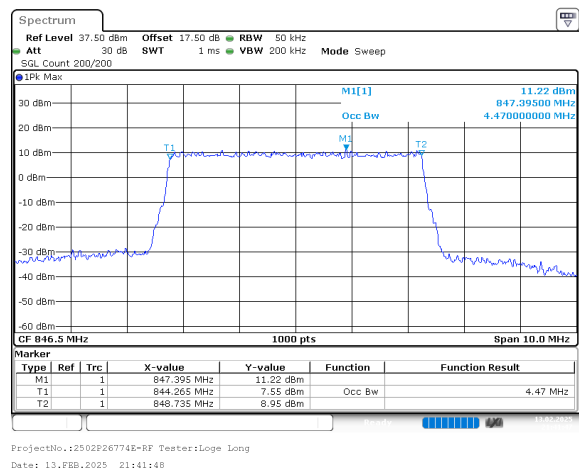
26dB Bandwidth



5MHz_High_16QAM_25@0

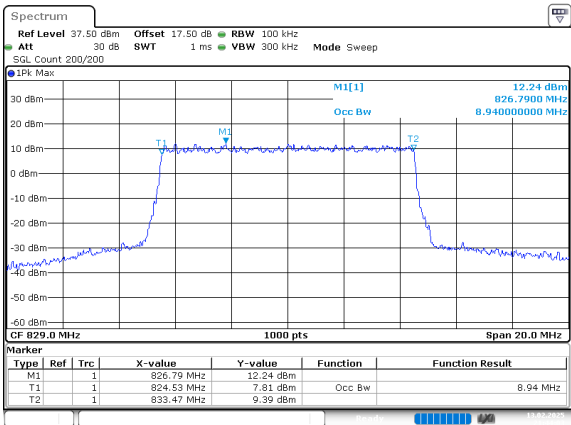
Occupied Bandwidth

26dB Bandwidth



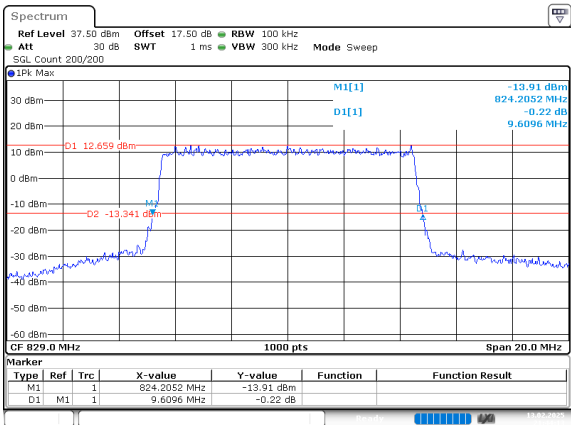
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:44:03

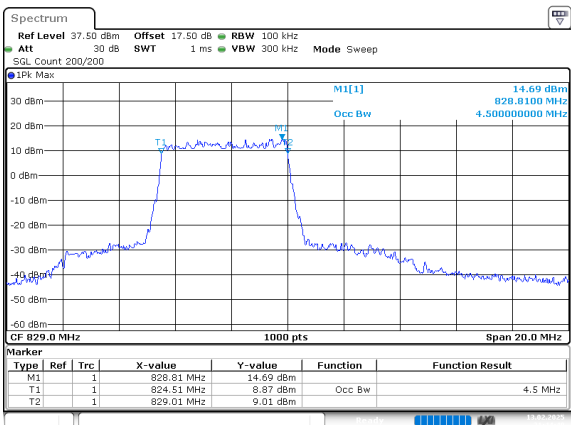
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:44:14

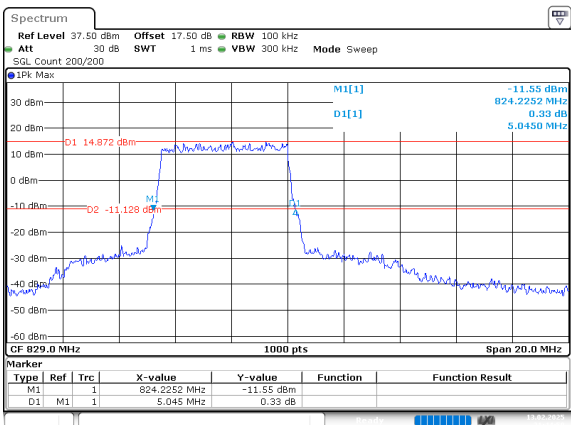
10MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:44:40

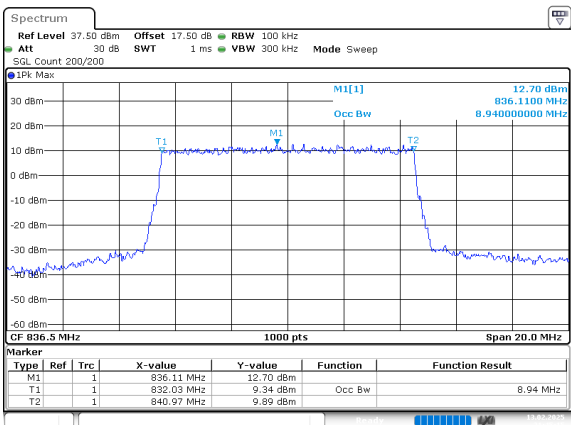
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:44:51

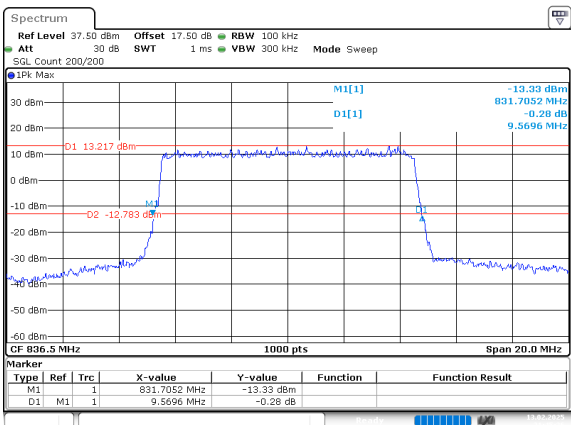
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:45:16

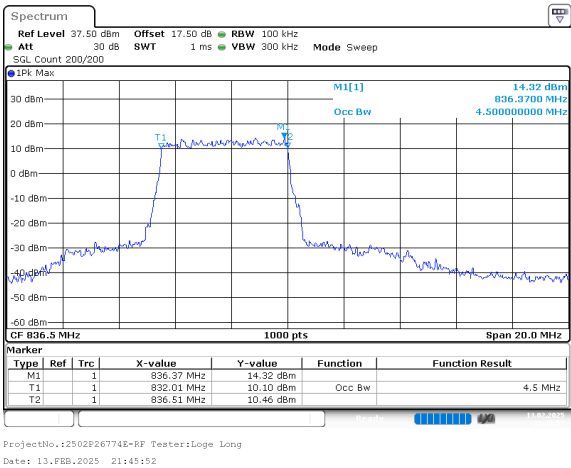
26dB Bandwidth



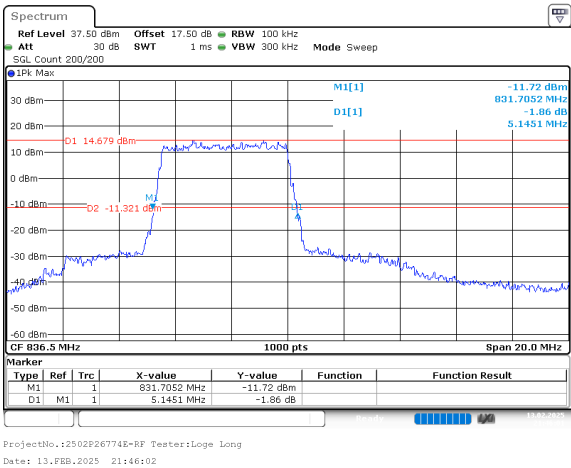
ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 21:45:27

10MHz_Middle_16QAM_25@0

Occupied Bandwidth

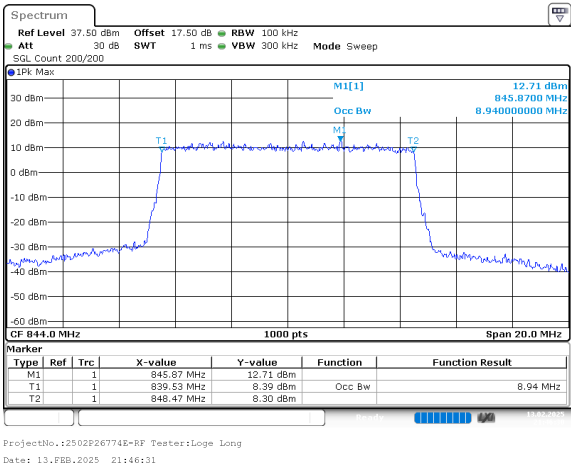


26dB Bandwidth

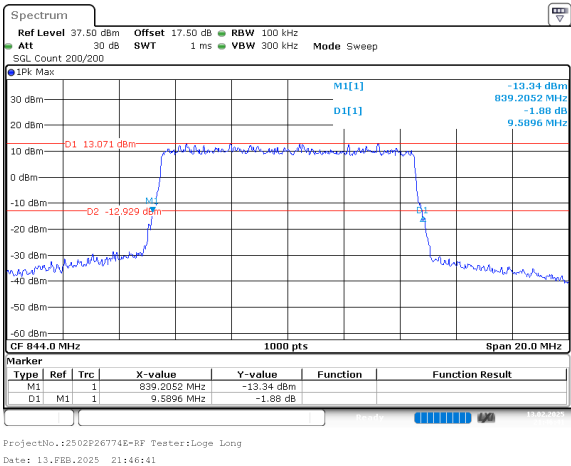


10MHz_High_QPSK_50@0

Occupied Bandwidth

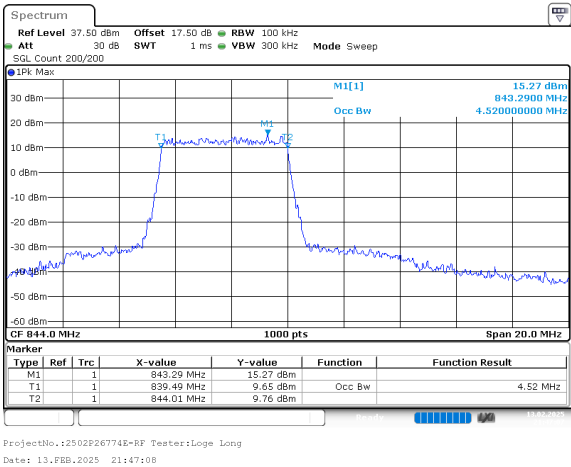


26dB Bandwidth

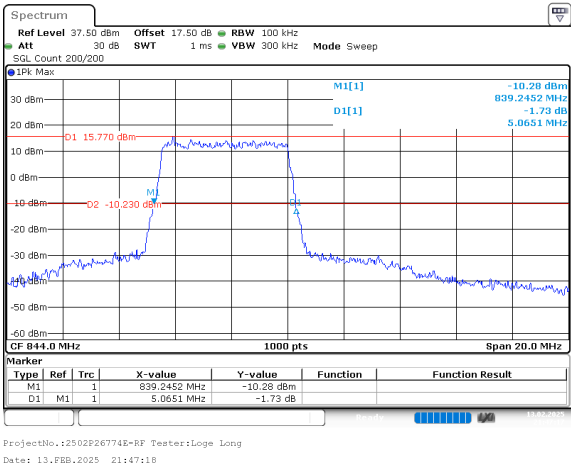


10MHz_High_16QAM_25@0

Occupied Bandwidth



26dB Bandwidth



FCC Part 24E

Band 2, Normal

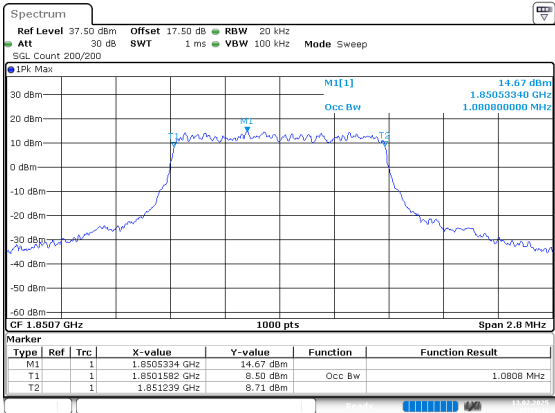
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.081	1.233
1.4MHz_Low_16QAM_6@0	1.084	1.261
1.4MHz_Middle_QPSK_6@0	1.078	1.247
1.4MHz_Middle_16QAM_6@0	1.084	1.289
1.4MHz_High_QPSK_6@0	1.092	1.270
1.4MHz_High_16QAM_6@0	1.081	1.256
3MHz_Low_QPSK_15@0	2.682	2.913
3MHz_Low_16QAM_15@0	2.682	2.907
3MHz_Middle_QPSK_15@0	2.682	2.889
3MHz_Middle_16QAM_15@0	2.676	2.883
3MHz_High_QPSK_15@0	2.682	2.895
3MHz_High_16QAM_15@0	2.682	2.889
5MHz_Low_QPSK_25@0	4.470	4.875
5MHz_Low_16QAM_25@0	4.460	4.815
5MHz_Middle_QPSK_25@0	4.470	4.825
5MHz_Middle_16QAM_25@0	4.480	4.875
5MHz_High_QPSK_25@0	4.470	4.825
5MHz_High_16QAM_25@0	4.460	4.845
10MHz_Low_QPSK_50@0	8.920	9.449
10MHz_Low_16QAM_25@0	4.520	5.145
10MHz_Middle_QPSK_50@0	8.920	9.510
10MHz_Middle_16QAM_25@0	4.520	5.045
10MHz_High_QPSK_50@0	8.940	9.510
10MHz_High_16QAM_25@0	4.500	5.125
15MHz_Low_QPSK_75@0	13.440	14.294
15MHz_Low_16QAM_25@0	4.620	5.405
15MHz_Middle_QPSK_75@0	13.410	14.204
15MHz_Middle_16QAM_25@0	4.620	5.285
15MHz_High_QPSK_75@0	13.410	14.384
15MHz_High_16QAM_25@0	4.620	5.345

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.880	18.939
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	17.840	18.819
20MHz_High_16QAM_25@0	4.640	5.486

Band 2, Normal

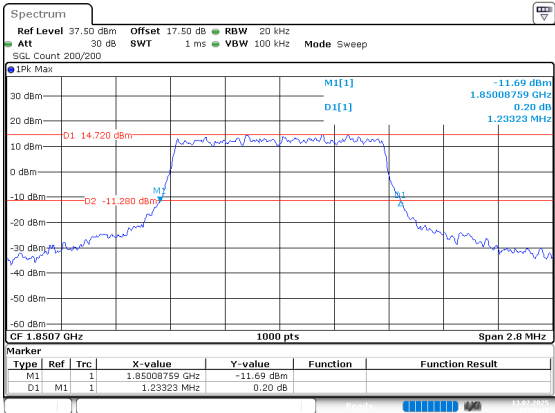
1.4MHz_Low_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 19:55:41

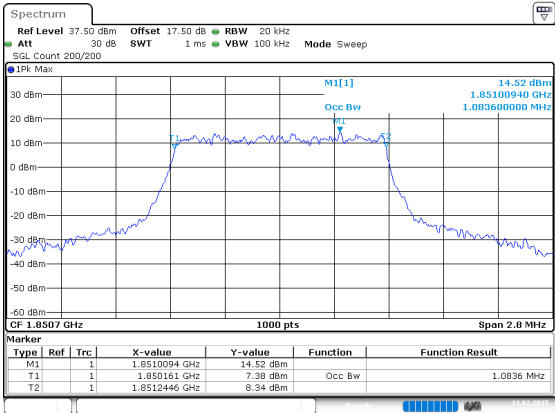
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 19:55:49

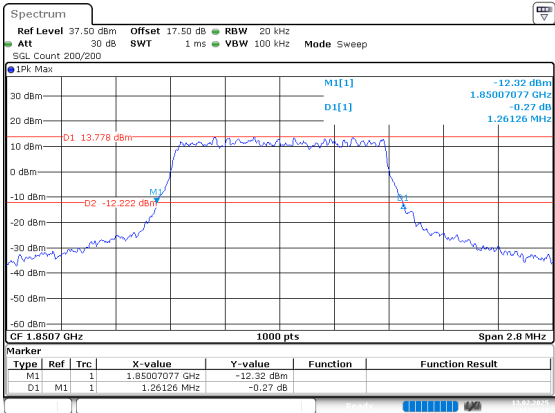
1.4MHz_Low_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 19:56:15

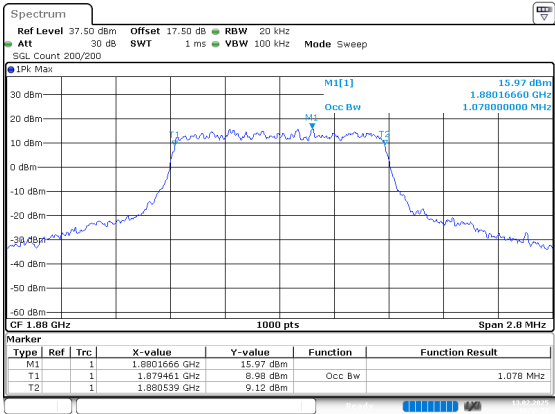
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 19:56:24

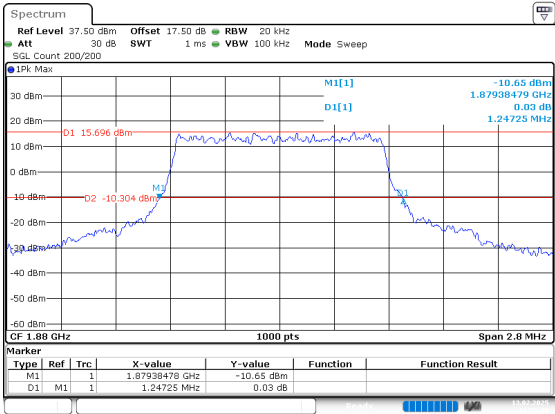
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 19:56:53

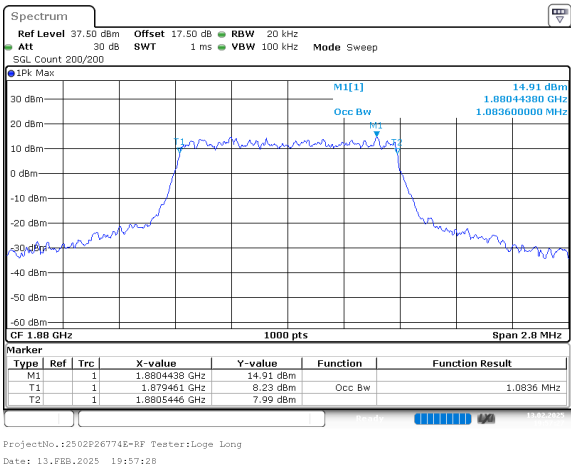
26dB Bandwidth



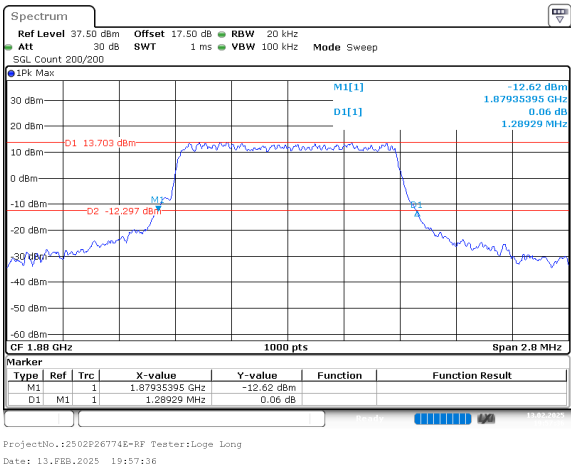
ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 19:57:01

1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

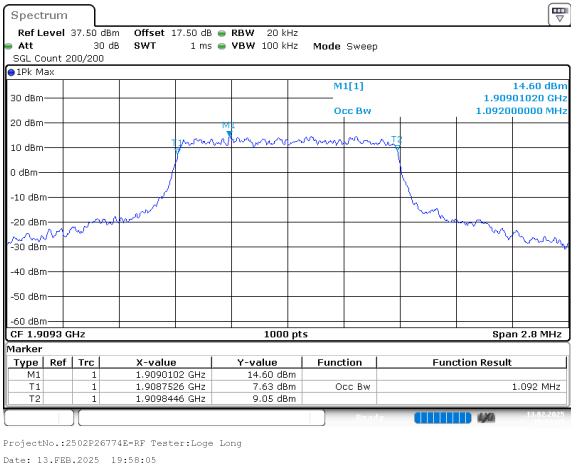


26dB Bandwidth

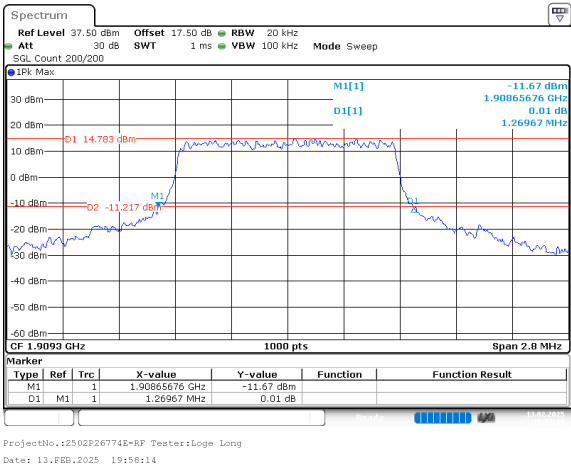


1.4MHz_High_QPSK_6@0

Occupied Bandwidth

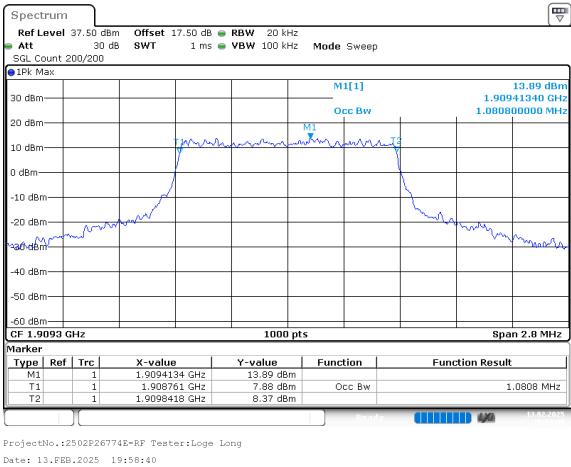


26dB Bandwidth

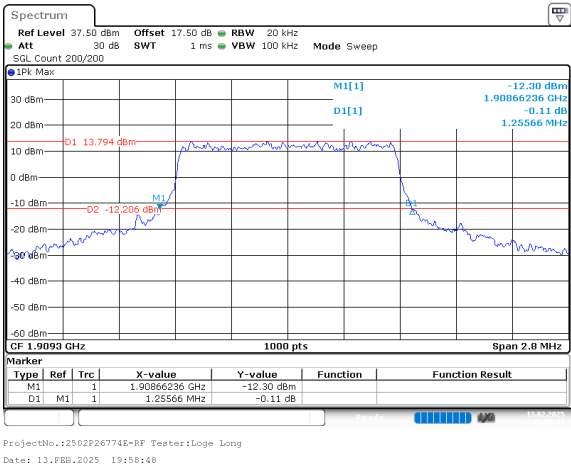


1.4MHz_High_16QAM_6@0

Occupied Bandwidth

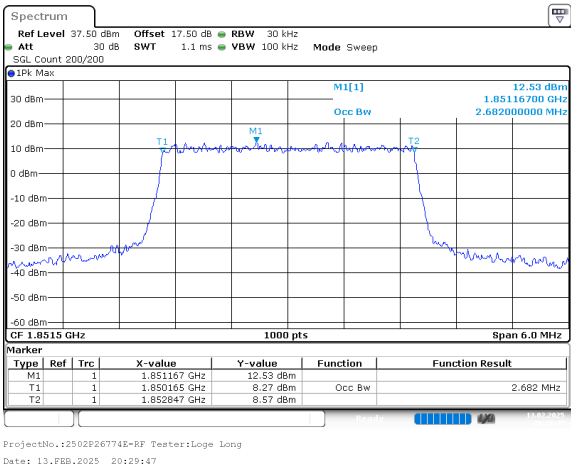


26dB Bandwidth

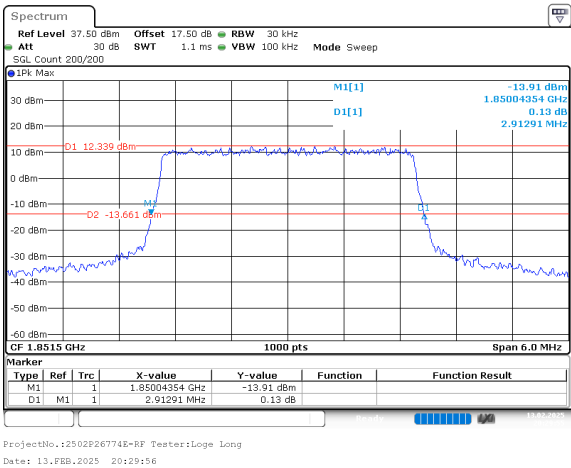


3MHz_Low_QPSK_15@0

Occupied Bandwidth

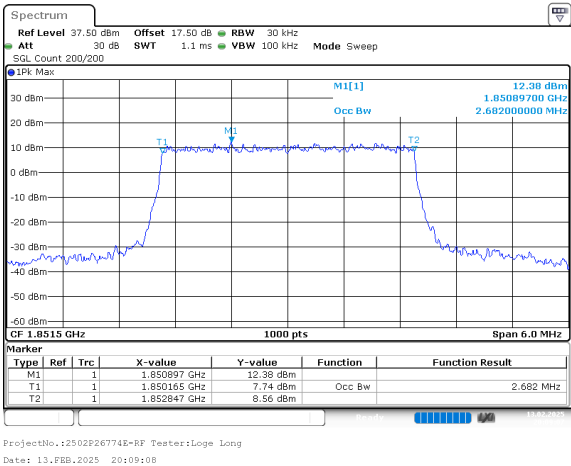


26dB Bandwidth

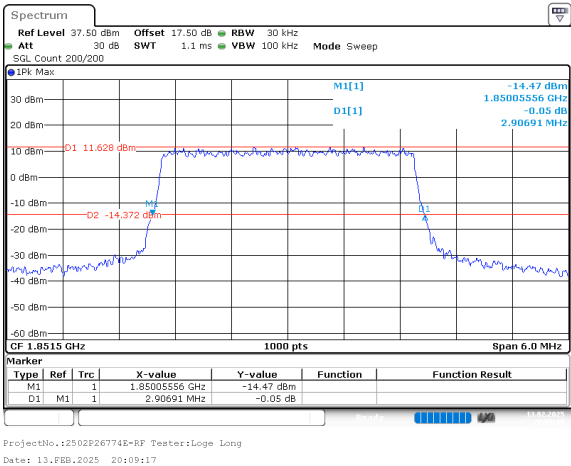


3MHz_Low_16QAM_15@0

Occupied Bandwidth

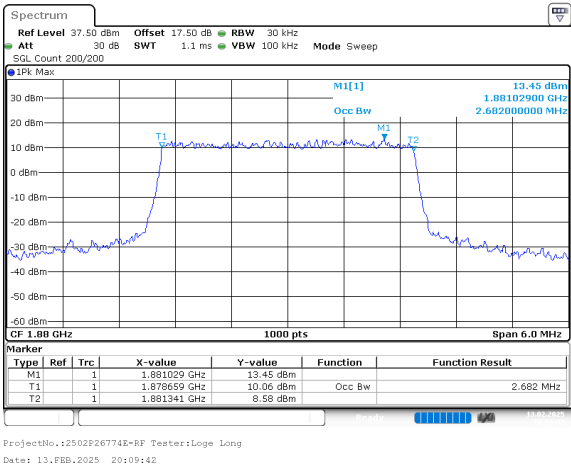


26dB Bandwidth

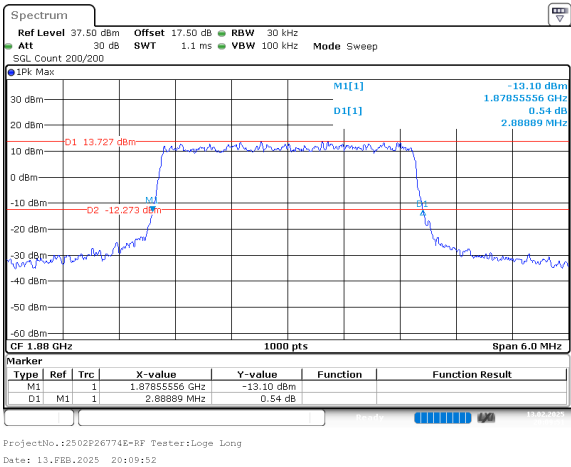


3MHz_Middle_QPSK_15@0

Occupied Bandwidth

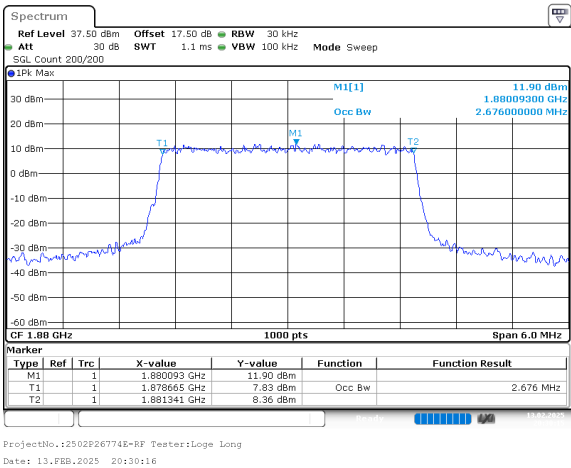


26dB Bandwidth

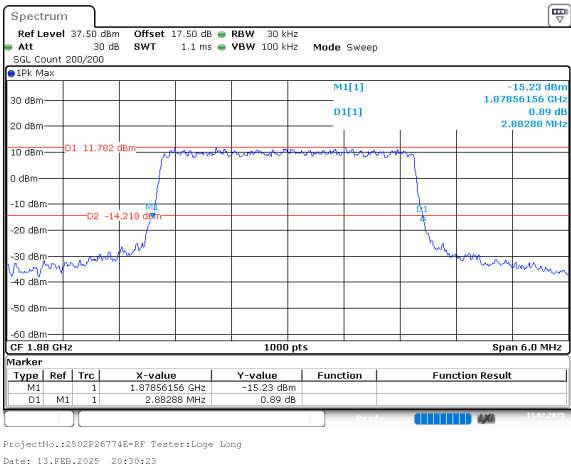


3MHz_Middle_16QAM_15@0

Occupied Bandwidth

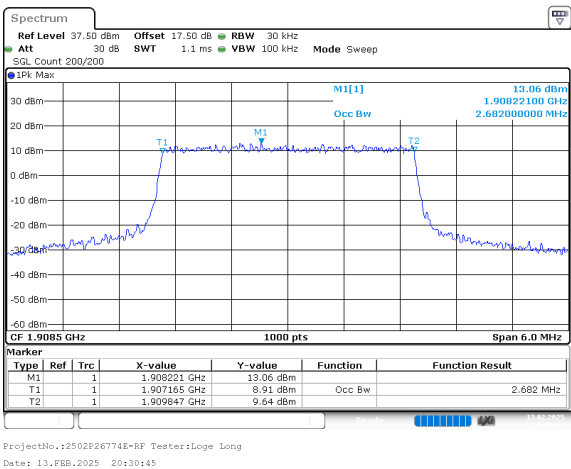


26dB Bandwidth

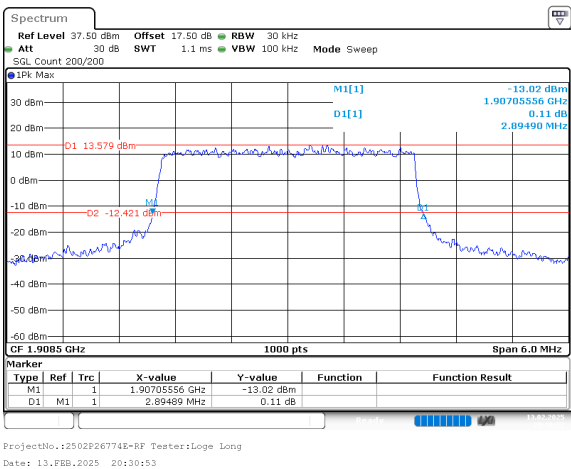


3MHz_High_QPSK_15@0

Occupied Bandwidth

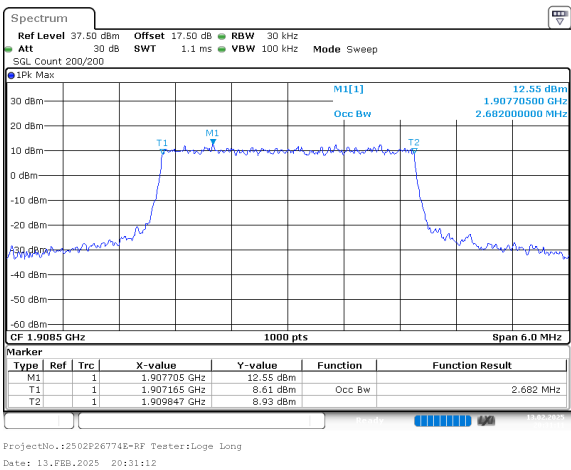


26dB Bandwidth

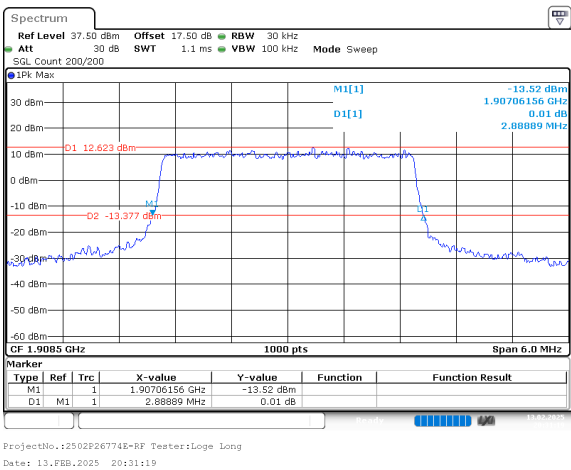


3MHz_High_16QAM_15@0

Occupied Bandwidth

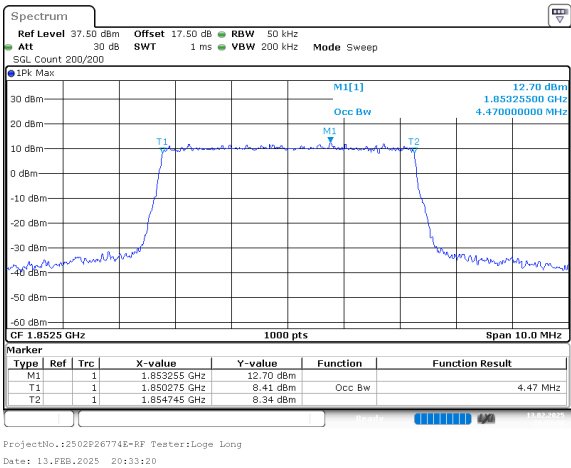


26dB Bandwidth

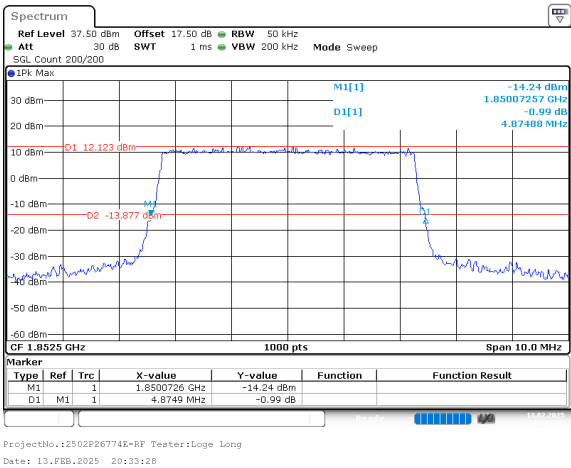


5MHz_Low_QPSK_25@0

Occupied Bandwidth

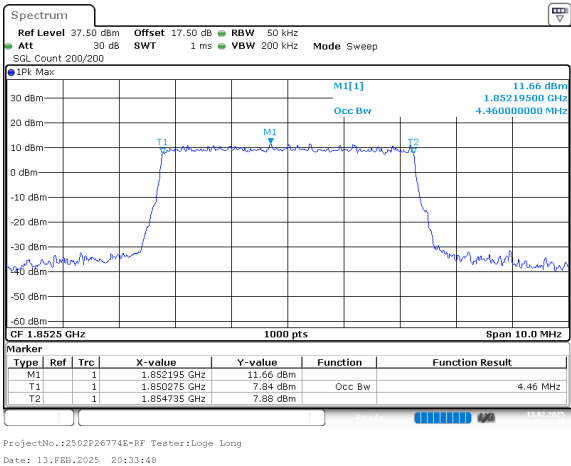


26dB Bandwidth

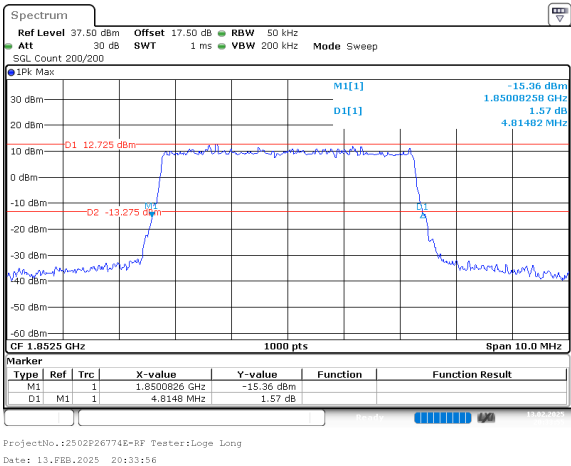


5MHz_Low_16QAM_25@0

Occupied Bandwidth

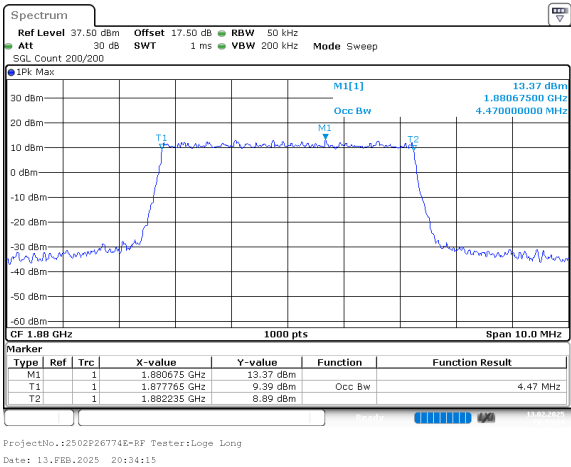


26dB Bandwidth

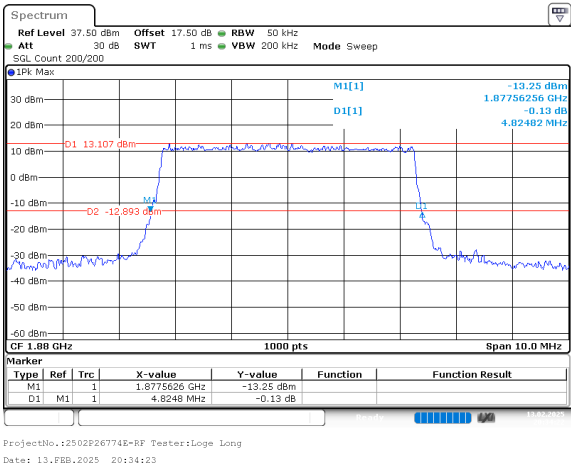


5MHz_Middle_QPSK_25@0

Occupied Bandwidth

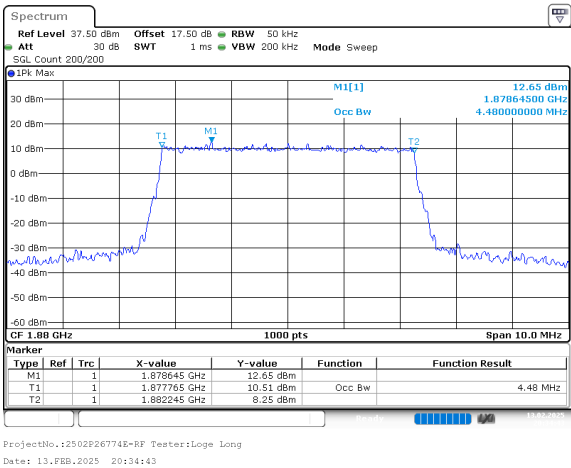


26dB Bandwidth

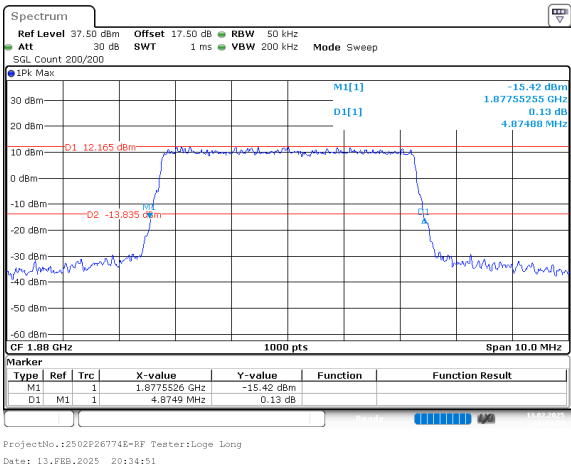


5MHz_Middle_16QAM_25@0

Occupied Bandwidth

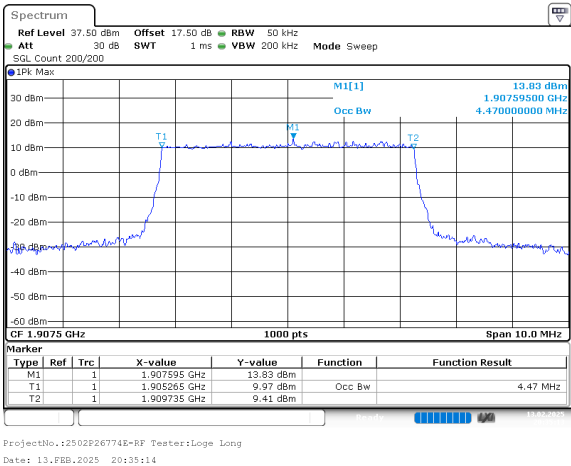


26dB Bandwidth

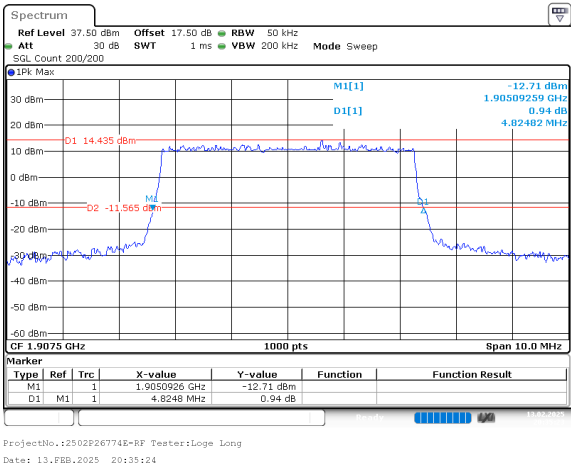


5MHz_High_QPSK_25@0

Occupied Bandwidth

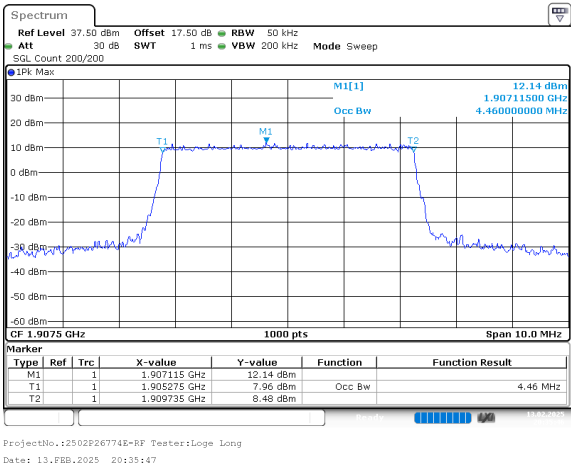


26dB Bandwidth

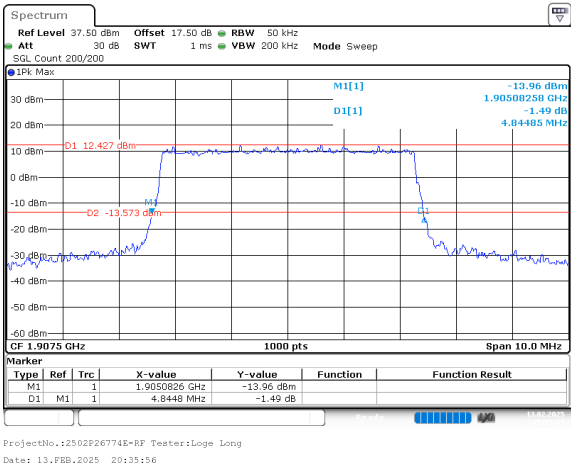


5MHz_High_16QAM_25@0

Occupied Bandwidth

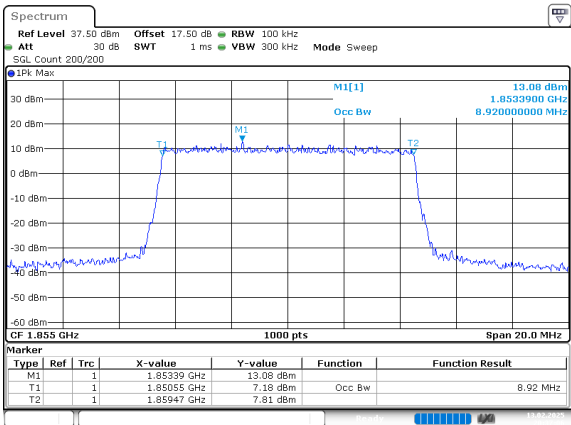


26dB Bandwidth



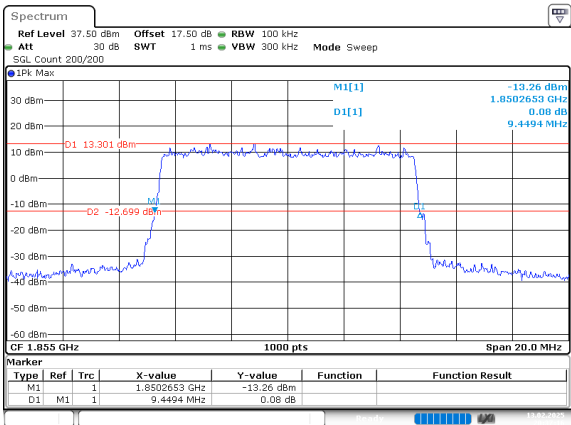
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 20:37:06

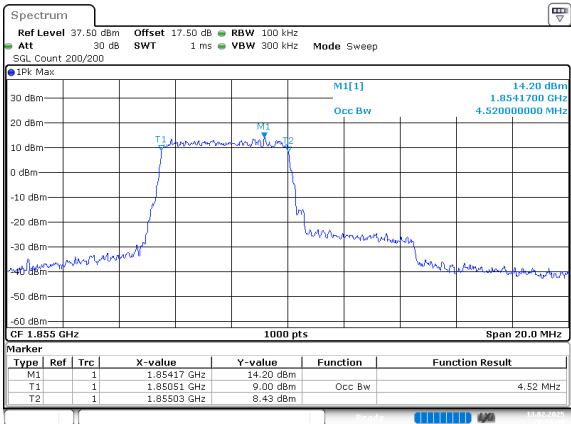
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 20:37:16

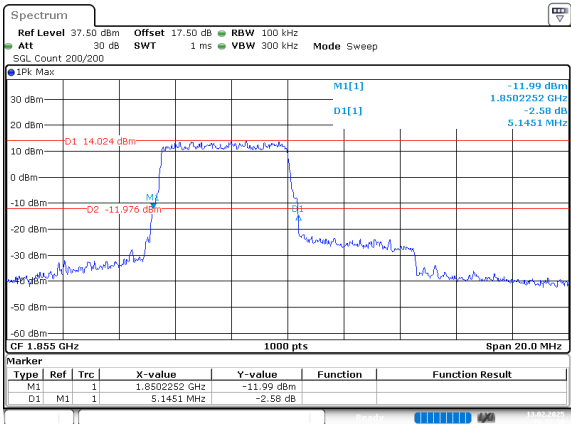
10MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 20:37:41

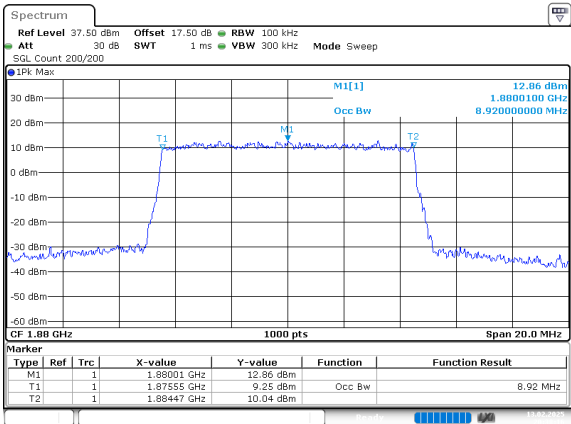
26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 20:37:51

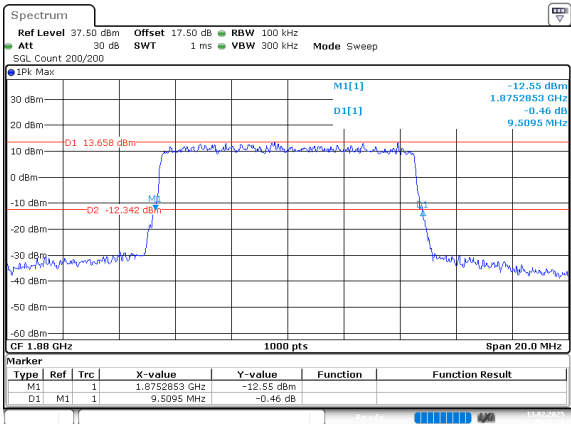
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 20:38:17

26dB Bandwidth

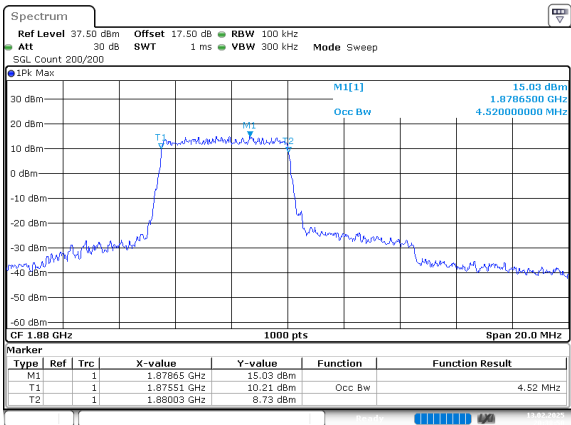


ProjectNo.:2502P26774E-RF Tester:Loge Long
 Date: 13.FEB.2025 20:38:27

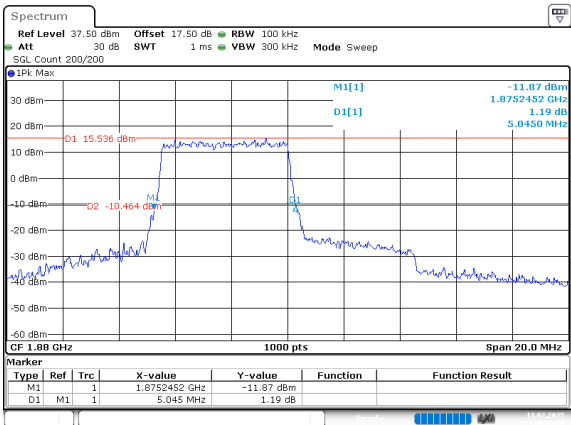
10MHz_Middle_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 20:38:51

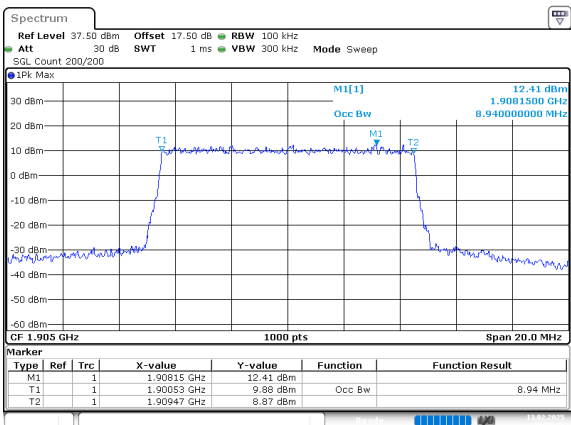


ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 20:39:01

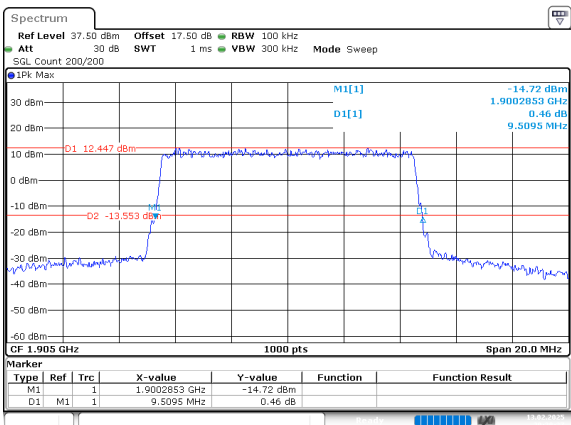
10MHz_High_QPSK_50@0

Occupied Bandwidth

26dB Bandwidth



ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 20:39:27

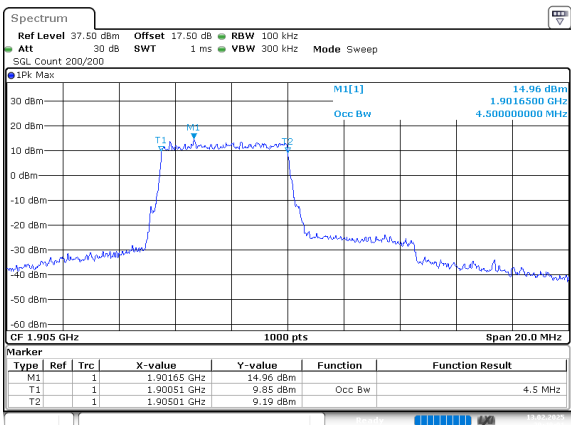


ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 20:39:37

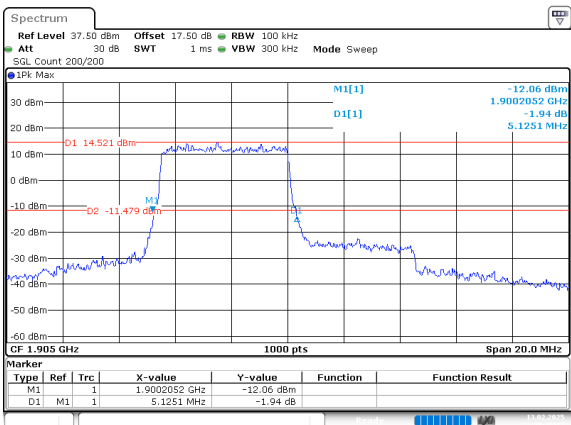
10MHz_High_16QAM_25@0

Occupied Bandwidth

26dB Bandwidth



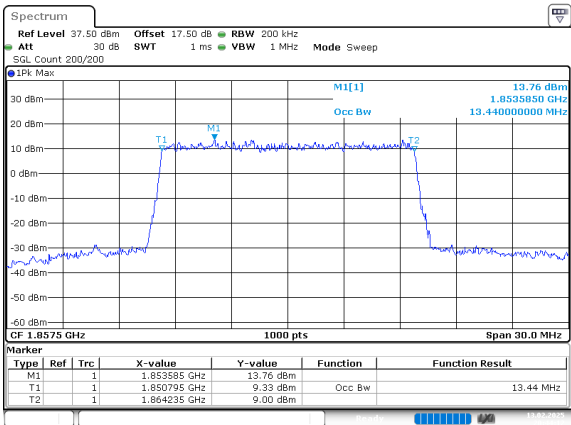
ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 20:40:02



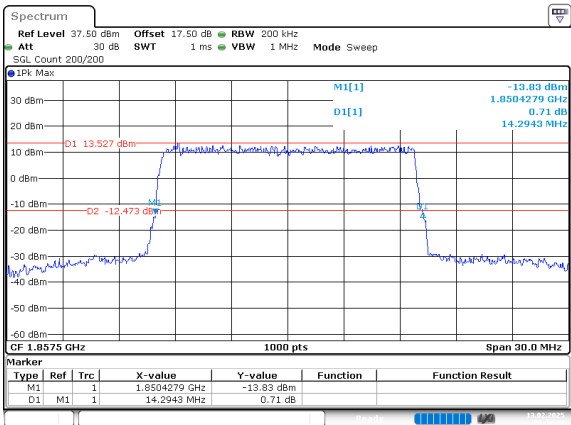
ProjectNo.:2502P26774E-RF Tester:Loge Long
Date: 13.FEB.2025 20:40:12

15MHz_Low_QPSK_75@0

Occupied Bandwidth

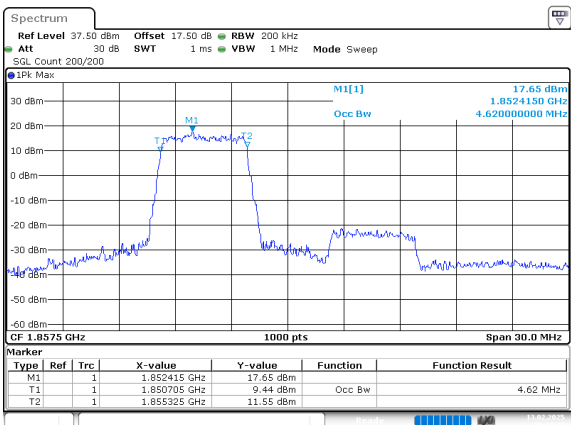


26dB Bandwidth

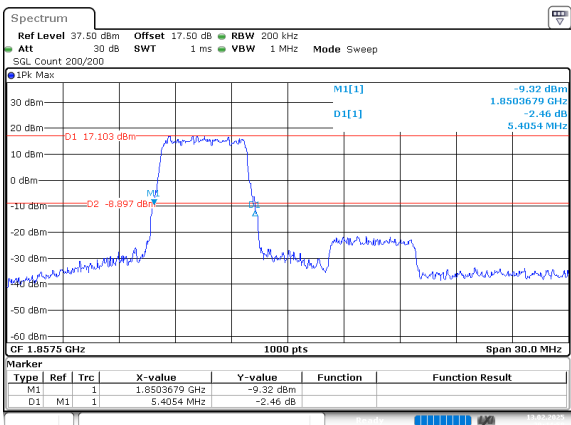


15MHz_Low_16QAM_25@0

Occupied Bandwidth

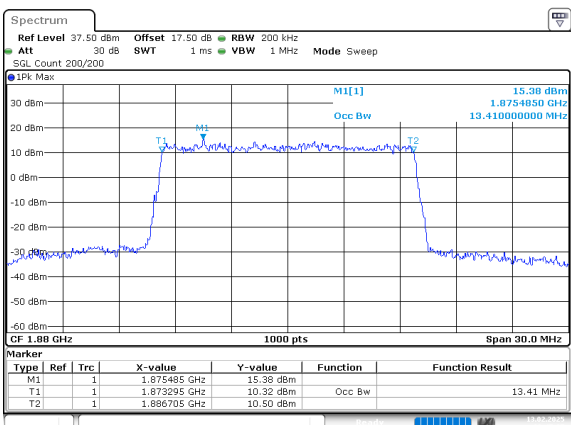


26dB Bandwidth

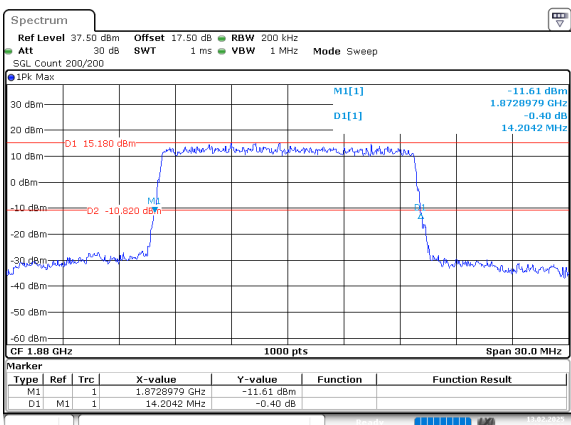


15MHz_Middle_QPSK_75@0

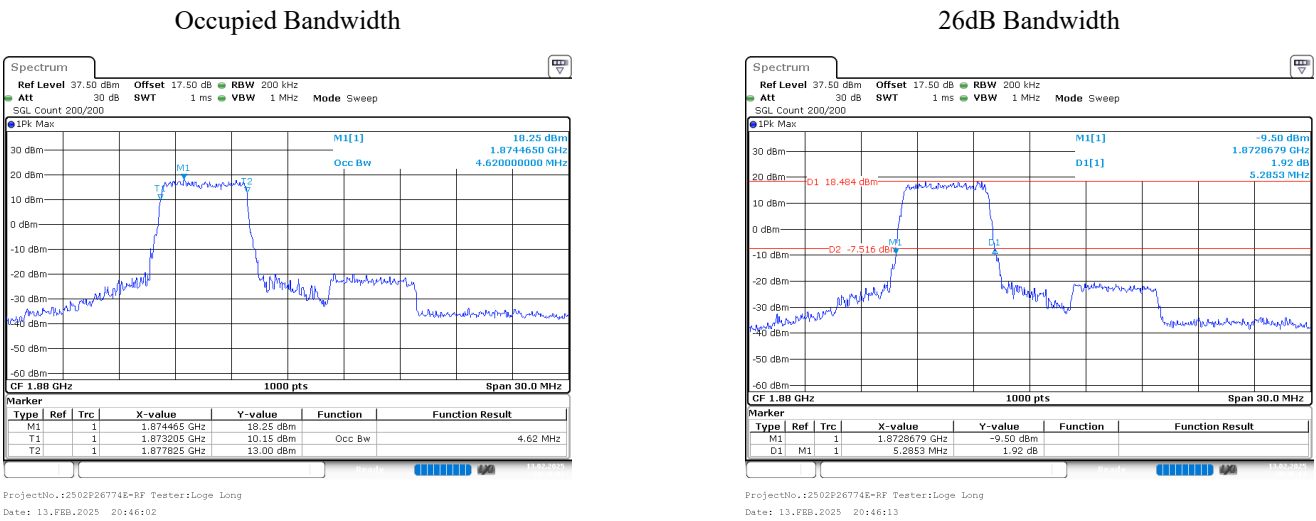
Occupied Bandwidth



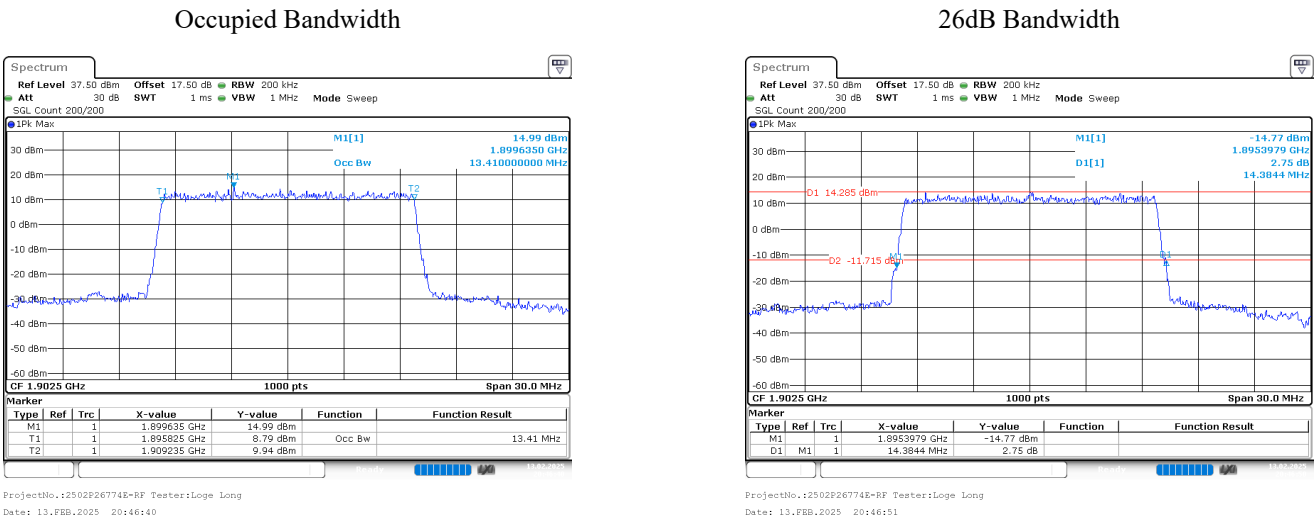
26dB Bandwidth



15MHz_Middle_16QAM_25@0



15MHz_High_QPSK_75@0



15MHz_High_16QAM_25@0

