Appendix C

Test Information:

Sample No.:	2QAQ-5	**Test Date:**	2024/08/27~2024/08/29
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Loge Long	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	27.4~27.7	**Relative Humidity: (%)**	53~58	**ATM Pressure: (kPa)**	99.8~100.0

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101461	2023/11/27	2024/11/26
Micro-Coax	Coaxial Cable	UFB205A	323308-012	2024/01/02	2025/01/01
Minl-Clrcuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2024/02/25	2025/02/24
R&S	Wideband Radio Communication Tester	CMW500	149216	2023/10/18	2024/10/17
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30173	2023/10/18	2024/10/17
All-sun	Clamp Meter	EM305A	8348897	2024/08/03	2025/08/02
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

FCC Part 22H

B5 , TN/VN

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	0.1	0.000	±2.5	Pass
10MHz_Middle_16QAM_50@0	-0.6	-0.001	±2.5	Pass

B5 , T1/VN

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	-0.2	0.000	±2.5	Pass
10MHz_Middle_16QAM_50@0	0.0	0.000	±2.5	Pass

B5 , T2/VN

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	0.4	0.000	±2.5	Pass
10MHz_Middle_16QAM_50@0	1.6	0.002	±2.5	Pass

B5 , T3/VN

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	0.7	0.001	±2.5	Pass
10MHz_Middle_16QAM_50@0	0.0	0.000	±2.5	Pass

B5 , T4/VN

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	-0.1	0.000	±2.5	Pass
10MHz_Middle_16QAM_50@0	0.2	0.000	±2.5	Pass

B5 , T5/VN

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	-0.3	0.000	±2.5	Pass
10MHz_Middle_16QAM_50@0	-0.1	0.000	±2.5	Pass

B5 , T6/VN

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	0.9	0.001	±2.5	Pass
10MHz_Middle_16QAM_50@0	1.3	0.002	±2.5	Pass

B5 , T7/VN

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	0.1	0.000	±2.5	Pass
10MHz_Middle_16QAM_50@0	-0.2	0.000	±2.5	Pass

B5 , T8/VN

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	0.0	0.000	±2.5	Pass
10MHz_Middle_16QAM_50@0	0.6	0.001	±2.5	Pass

B5 , TN/VH

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	0.1	0.000	±2.5	Pass
10MHz_Middle_16QAM_50@0	0.4	0.000	±2.5	Pass

B5 , TN/VL

Mode	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Result
10MHz_Middle_QPSK_50@0	0.7	0.001	±2.5	Pass
10MHz_Middle_16QAM_50@0	0.9	0.001	±2.5	Pass

Note:

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

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 24E

B2 , TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	1908.931	1850 ~ 1910	Pass

B2 , T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.13	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.871	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	1908.931	1850 ~ 1910	Pass

B2 , T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.13	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	1908.931	1850 ~ 1910	Pass

B2 , T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.13	1868.931	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.19	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	1908.991	1850 ~ 1910	Pass

B2 , T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.13	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.931	1850 ~ 1910	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_High_16QAM_100@0	1891.13	1908.931	1850 ~ 1910	Pass

B2 , T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	1908.931	1850 ~ 1910	Pass

B2 , T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.13	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	1908.931	1850 ~ 1910	Pass

B2 , T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.13	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	1908.991	1850 ~ 1910	Pass

B2 , T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.13	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.13	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.07	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	1908.931	1850 ~ 1910	Pass

B2 , TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.13	1869.051	1850 ~ 1910	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_16QAM_100@0	1851.19	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	1908.991	1850 ~ 1910	Pass

B2 , TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.19	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.13	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.13	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

B4 , TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.13	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.07	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.13	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.13	1753.931	1710 ~ 1755	Pass

B4 , T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.13	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.07	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.07	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.13	1753.931	1710 ~ 1755	Pass

B4 , T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.07	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.13	1728.931	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.07	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.13	1753.931	1710 ~ 1755	Pass

B4 , T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.13	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.07	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.07	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.07	1753.991	1710 ~ 1755	Pass

B4 , T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.07	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.07	1728.931	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.07	1753.931	1710 ~ 1755	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_High_16QAM_100@0	1736.13	1753.991	1710 ~ 1755	Pass

B4 , T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.13	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.13	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.07	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.07	1753.931	1710 ~ 1755	Pass

B4 , T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.13	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.13	1728.931	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.13	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.07	1753.931	1710 ~ 1755	Pass

B4 , T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.13	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.07	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.07	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.13	1753.991	1710 ~ 1755	Pass

B4 , T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.13	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.13	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.13	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.13	1753.931	1710 ~ 1755	Pass

B4 , TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.13	1728.931	1710 ~ 1755	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_16QAM_100@0	1711.07	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.13	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.13	1753.931	1710 ~ 1755	Pass

B4 , TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	1711.13	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.13	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.07	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.07	1753.931	1710 ~ 1755	Pass

B7 , TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.13	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.13	2568.931	2500 ~ 2570	Pass

B7 , T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.07	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.13	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.13	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.07	2568.991	2500 ~ 2570	Pass

B7 , T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.13	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.13	2568.931	2500 ~ 2570	Pass

B7 , T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.13	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.13	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.13	2568.991	2500 ~ 2570	Pass

B7 , T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.07	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.13	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.13	2568.991	2500 ~ 2570	Pass

B7 , T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.13	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.13	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.13	2568.991	2500 ~ 2570	Pass

B7 , T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.19	2518.931	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.13	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.13	2568.931	2500 ~ 2570	Pass

B7 , T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.13	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.07	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.13	2568.931	2500 ~ 2570	Pass

B7 , T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.07	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.13	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.13	2568.991	2500 ~ 2570	Pass

B7 , TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.13	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.13	2518.931	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.07	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.07	2568.991	2500 ~ 2570	Pass

B7 , TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2501.07	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.07	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.13	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.07	2568.991	2500 ~ 2570	Pass

B38 , TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.13	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.07	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.07	2618.991	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.07	2618.931	2570 ~ 2620	Pass

B38 , T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.13	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.13	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.13	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.07	2618.931	2570 ~ 2620	Pass

B38 , T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.07	2588.931	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.07	2588.931	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.07	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.07	2618.931	2570 ~ 2620	Pass

B38 , T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.07	2588.931	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.13	2588.931	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.07	2618.991	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.13	2618.931	2570 ~ 2620	Pass

B38 , T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.07	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.07	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.07	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.13	2618.931	2570 ~ 2620	Pass

B38 , T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.07	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.13	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.07	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.13	2618.871	2570 ~ 2620	Pass

B38 , T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.07	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.13	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.07	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.13	2618.991	2570 ~ 2620	Pass

B38 , T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.13	2588.931	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.07	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.07	2618.871	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.07	2618.931	2570 ~ 2620	Pass

B38 , T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.07	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.13	2588.931	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.07	2618.871	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.13	2618.931	2570 ~ 2620	Pass

B38 , TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.13	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.13	2588.931	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.07	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.13	2618.931	2570 ~ 2620	Pass

B38 , TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
20MHz_Low_QPSK_100@0	2571.13	2588.871	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.13	2588.931	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.13	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.07	2618.931	2570 ~ 2620	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

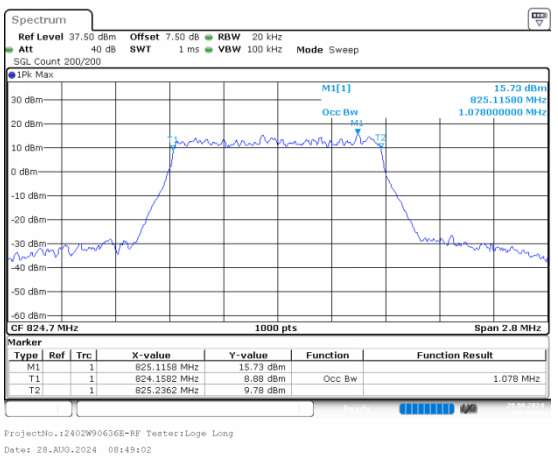
B5 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
1.4MHz_Low_QPSK_6@0	1.078	1.233
1.4MHz_Low_16QAM_6@0	1.081	1.264
1.4MHz_Middle_QPSK_6@0	1.084	1.244
1.4MHz_Middle_16QAM_6@0	1.092	1.281
1.4MHz_High_QPSK_6@0	1.078	1.256
1.4MHz_High_16QAM_6@0	1.081	1.256
3MHz_Low_QPSK_15@0	2.676	2.907
3MHz_Low_16QAM_15@0	2.694	2.925
3MHz_Middle_QPSK_15@0	2.676	2.913
3MHz_Middle_16QAM_15@0	2.676	2.943
3MHz_High_QPSK_15@0	2.682	2.925
3MHz_High_16QAM_15@0	2.682	2.961
5MHz_Low_QPSK_25@0	4.460	4.915
5MHz_Low_16QAM_25@0	4.460	4.925
5MHz_Middle_QPSK_25@0	4.460	4.835
5MHz_Middle_16QAM_25@0	4.450	4.855
5MHz_High_QPSK_25@0	4.470	4.855
5MHz_High_16QAM_25@0	4.460	4.845
10MHz_Low_QPSK_50@0	8.900	9.670
10MHz_Low_16QAM_50@0	8.940	9.630
10MHz_Middle_QPSK_50@0	8.940	9.610
10MHz_Middle_16QAM_50@0	8.960	9.630
10MHz_High_QPSK_50@0	8.900	9.730
10MHz_High_16QAM_50@0	8.920	9.570

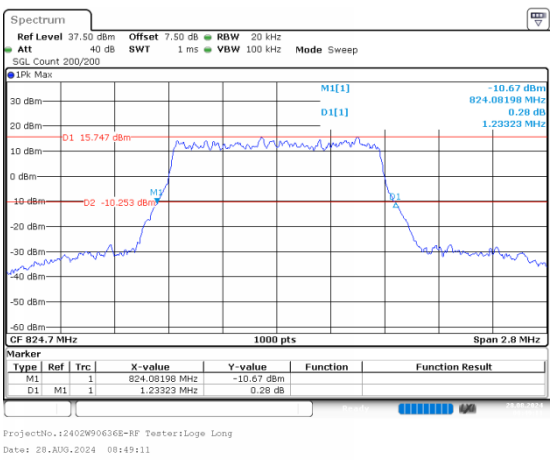
B5 , Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

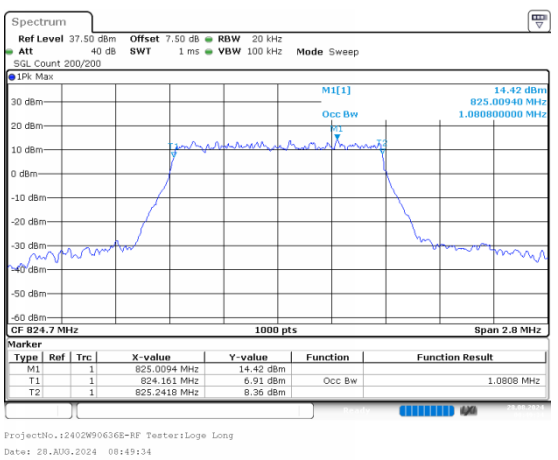


26dB Bandwidth

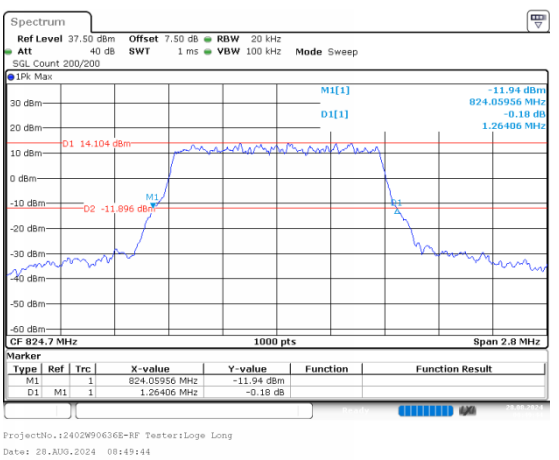


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

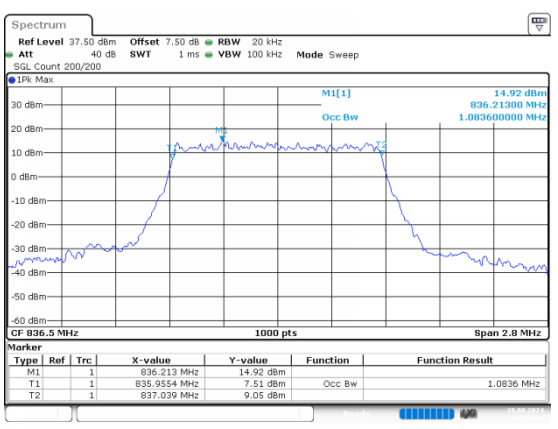


26dB Bandwidth

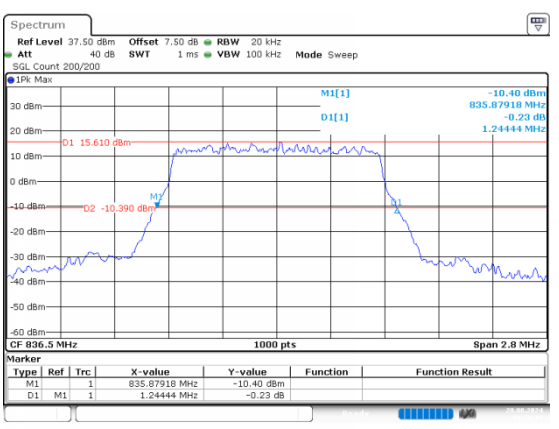


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth

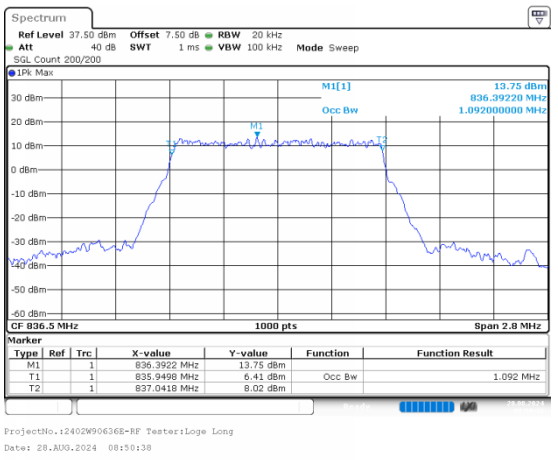


26dB Bandwidth

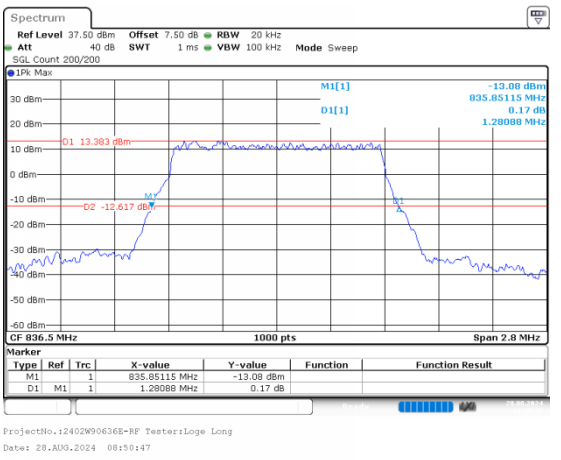


1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

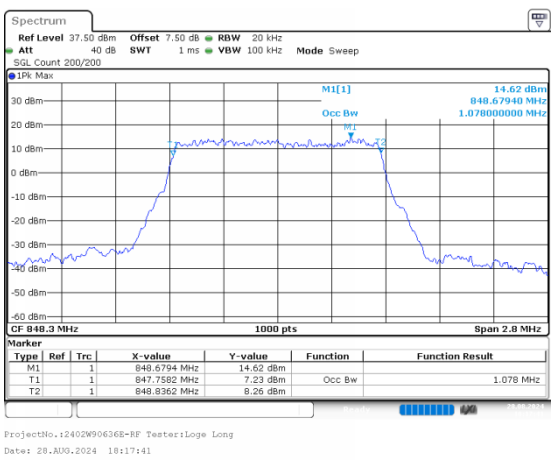


26dB Bandwidth

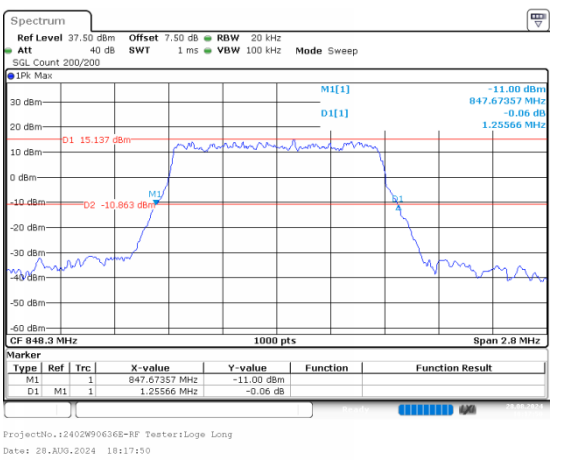


1.4MHz_High_QPSK_6@0

Occupied Bandwidth

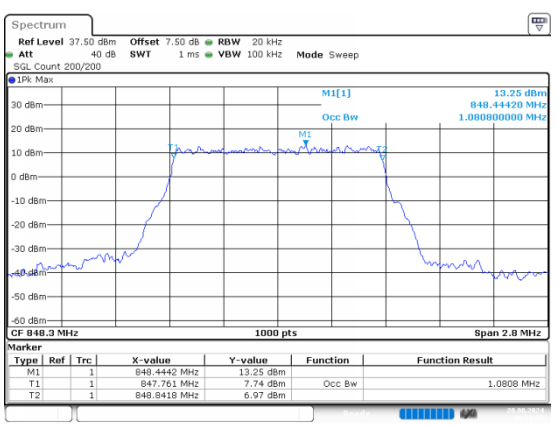


26dB Bandwidth

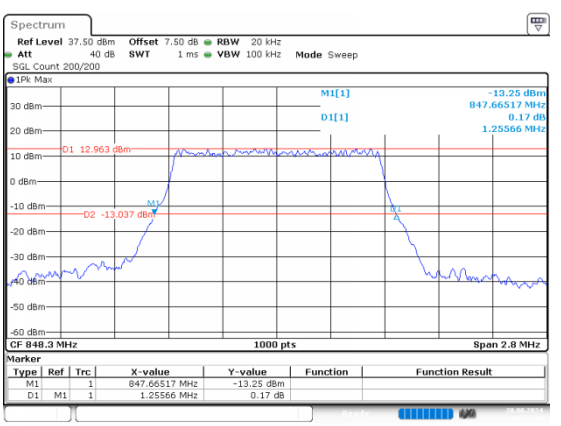


1.4MHz_High_16QAM_6@0

Occupied Bandwidth

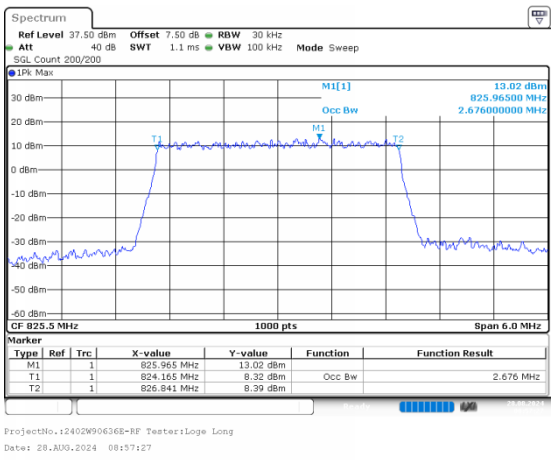


26dB Bandwidth

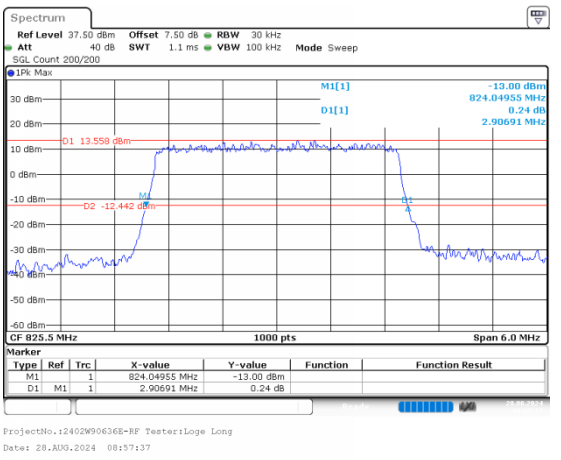


3MHz_Low_QPSK_15@0

Occupied Bandwidth

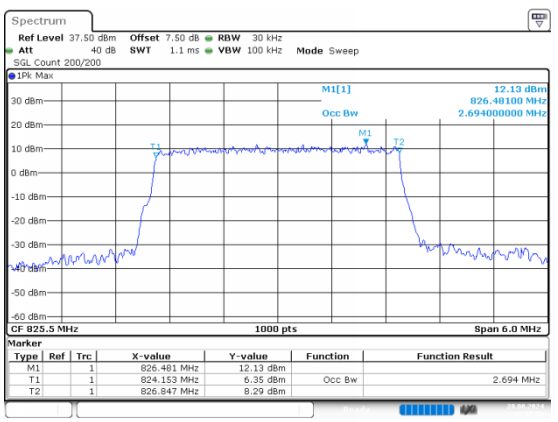


26dB Bandwidth

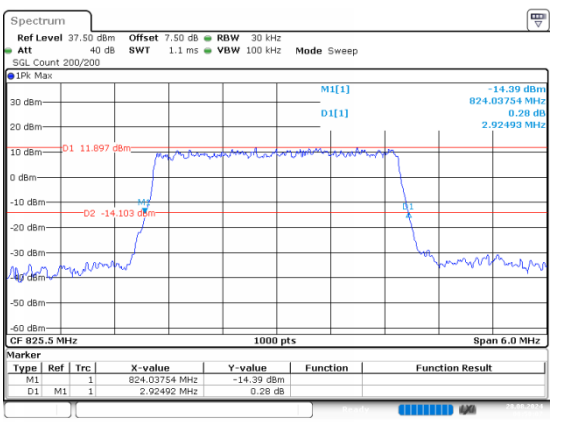


3MHz_Low_16QAM_15@0

Occupied Bandwidth

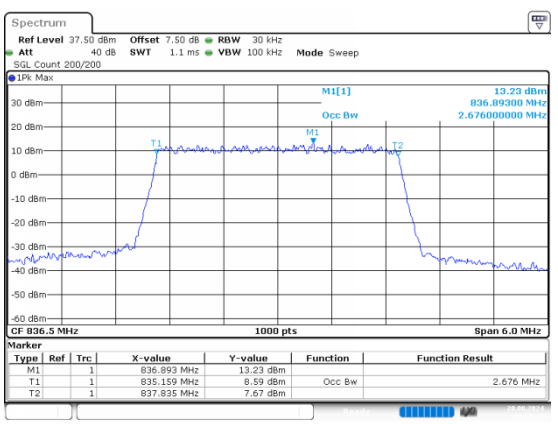


26dB Bandwidth

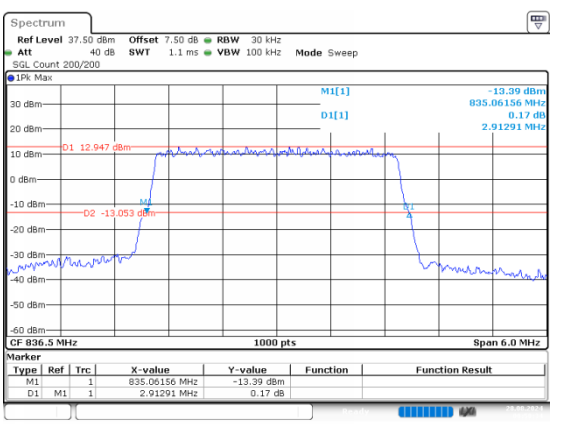


3MHz_Middle_QPSK_15@0

Occupied Bandwidth

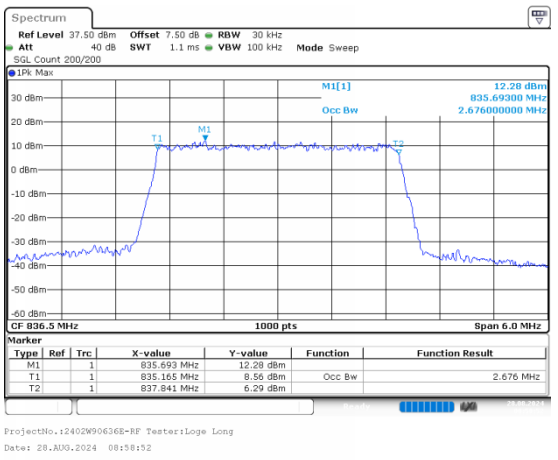


26dB Bandwidth

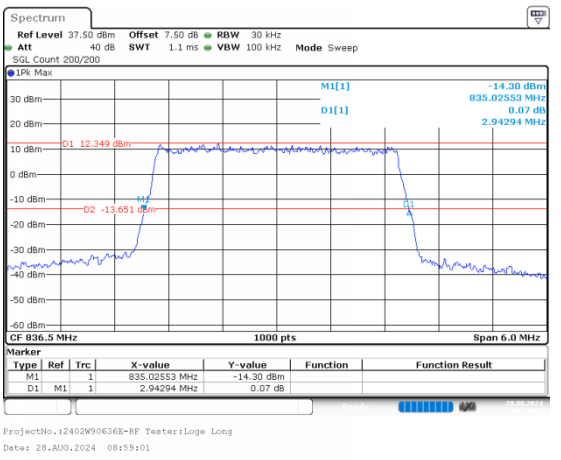


3MHz_Middle_16QAM_15@0

Occupied Bandwidth

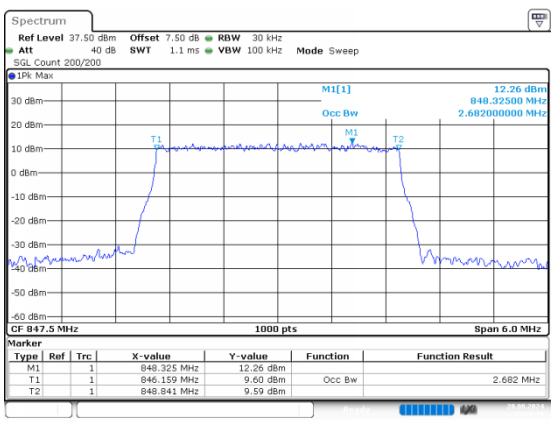


26dB Bandwidth

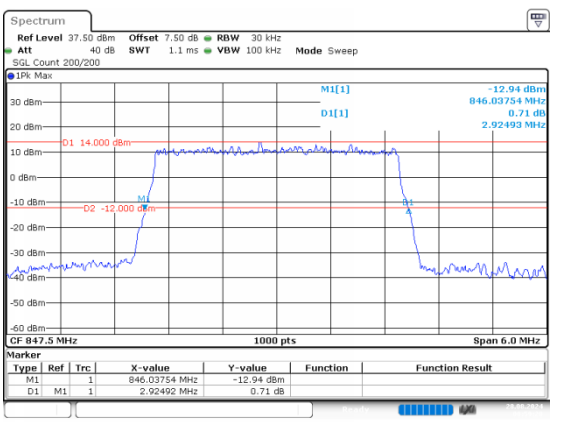


3MHz_High_QPSK_15@0

Occupied Bandwidth

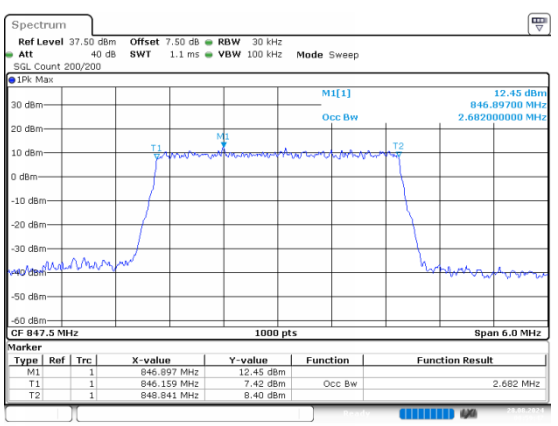


26dB Bandwidth

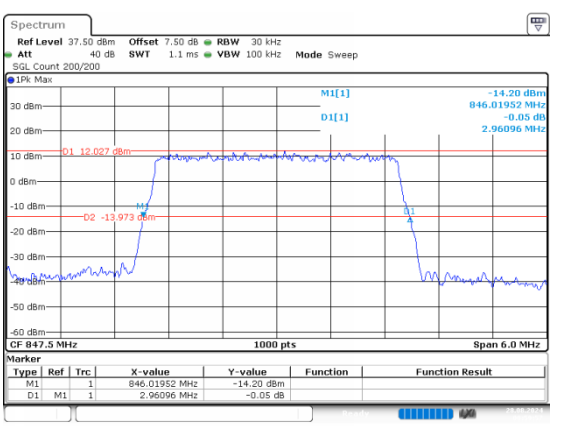


3MHz_High_16QAM_15@0

Occupied Bandwidth

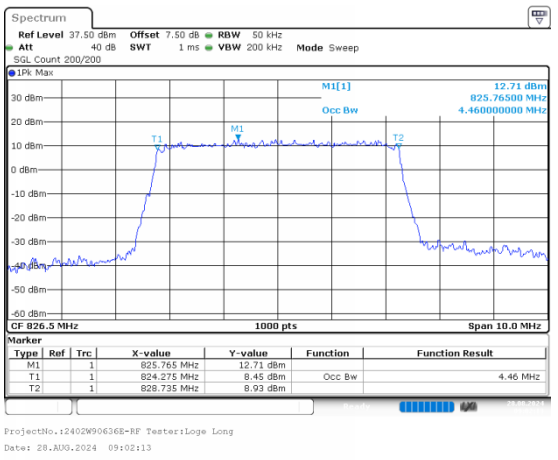


26dB Bandwidth

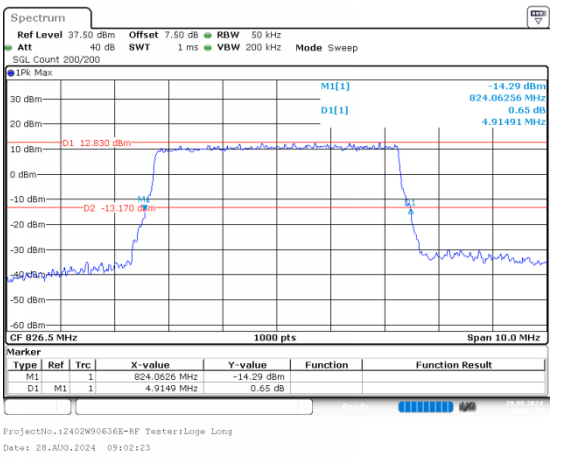


5MHz_Low_QPSK_25@0

Occupied Bandwidth

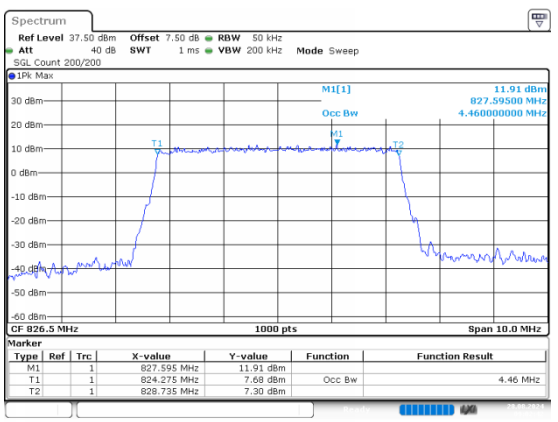


26dB Bandwidth

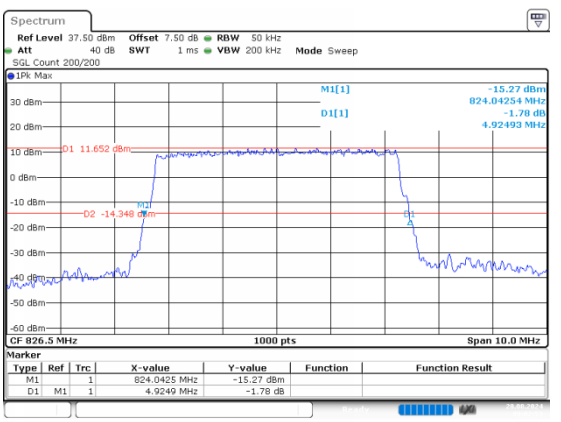


5MHz_Low_16QAM_25@0

Occupied Bandwidth

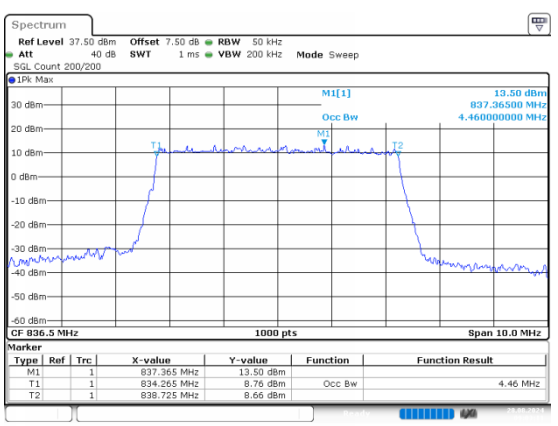


26dB Bandwidth

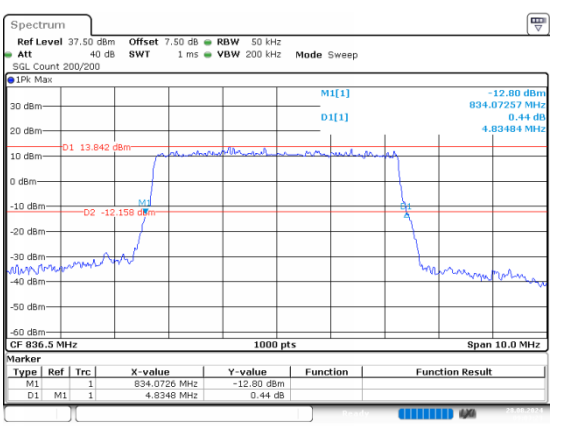


5MHz_Middle_QPSK_25@0

Occupied Bandwidth

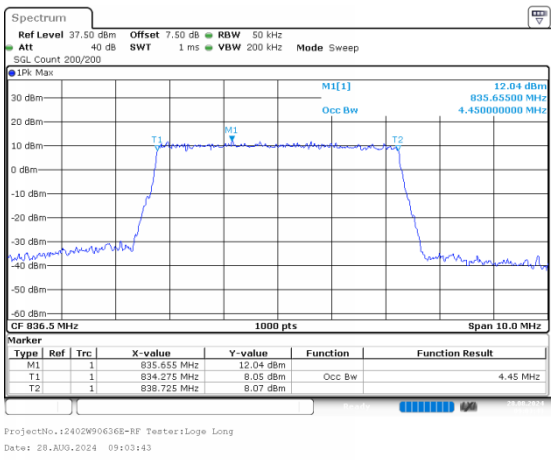


26dB Bandwidth

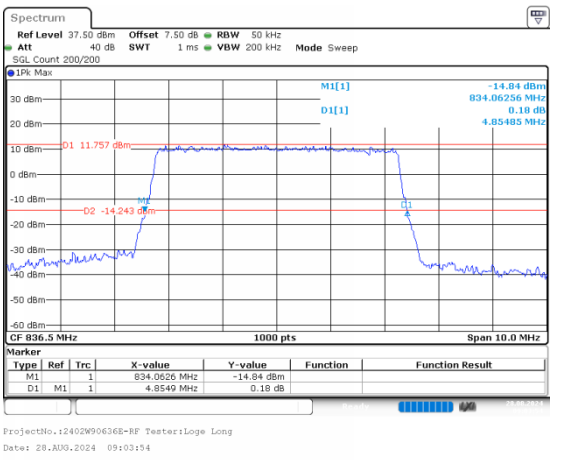


5MHz_Middle_16QAM_25@0

Occupied Bandwidth

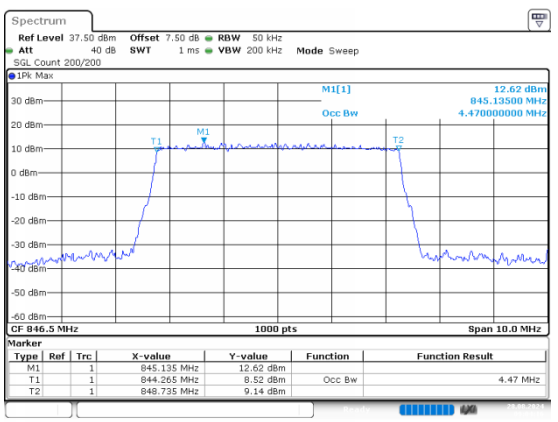


26dB Bandwidth

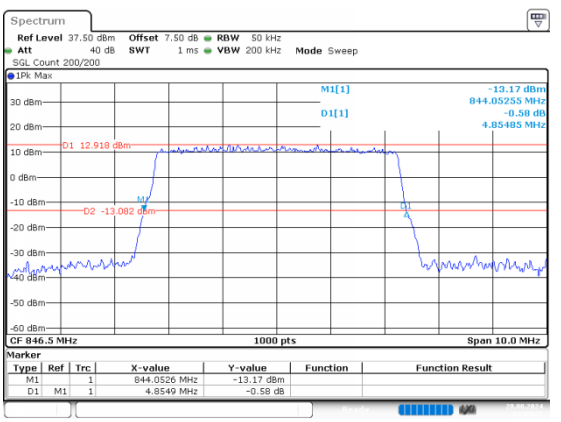


5MHz_High_QPSK_25@0

Occupied Bandwidth

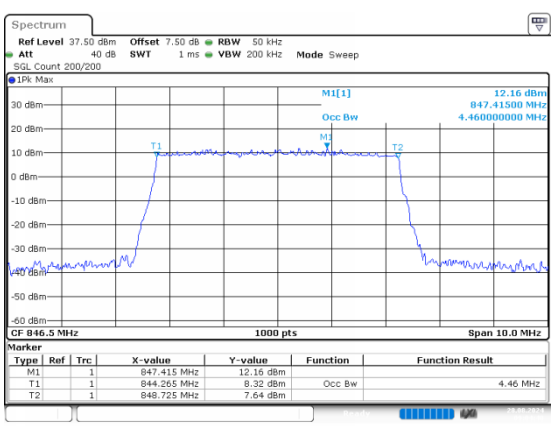


26dB Bandwidth

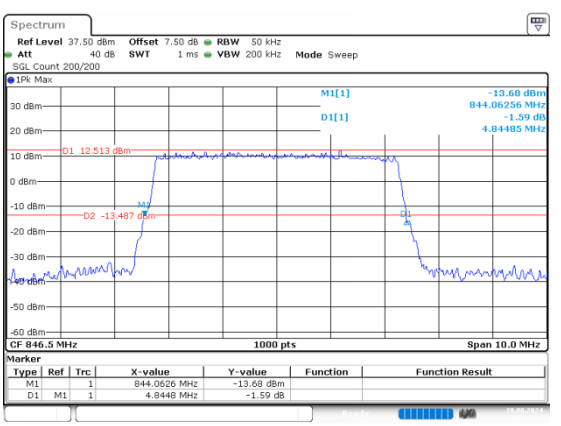


5MHz_High_16QAM_25@0

Occupied Bandwidth

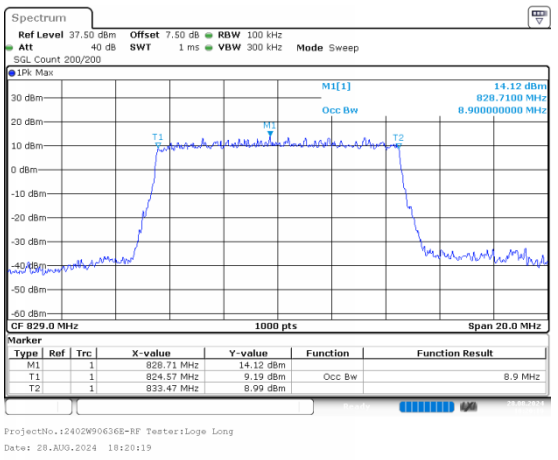


26dB Bandwidth

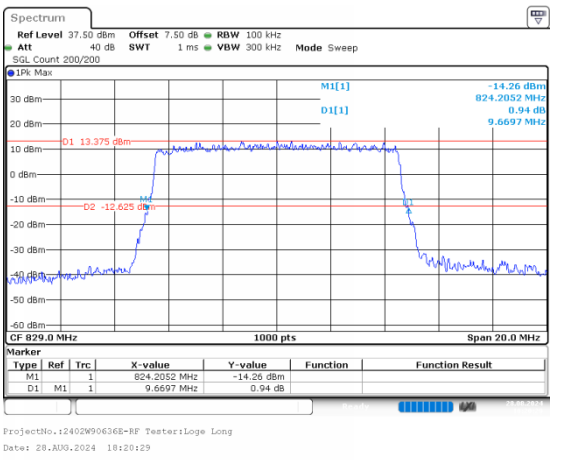


10MHz_Low_QPSK_50@0

Occupied Bandwidth

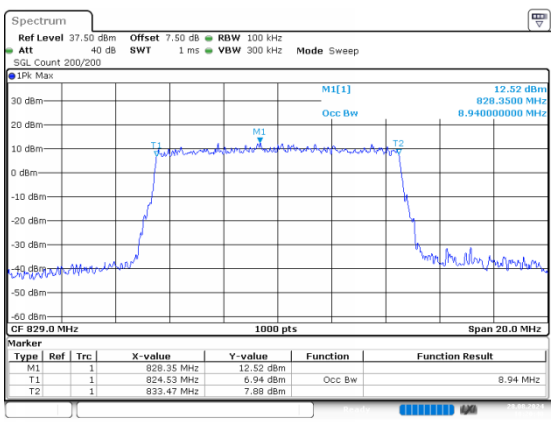


26dB Bandwidth

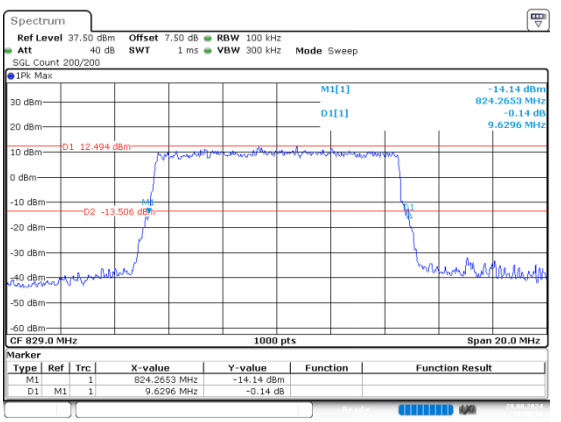


10MHz_Low_16QAM_50@0

Occupied Bandwidth

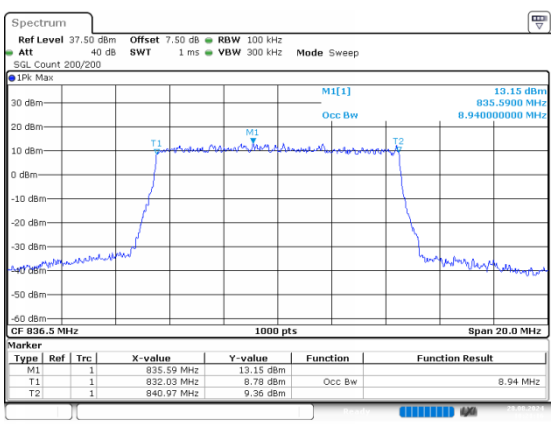


26dB Bandwidth

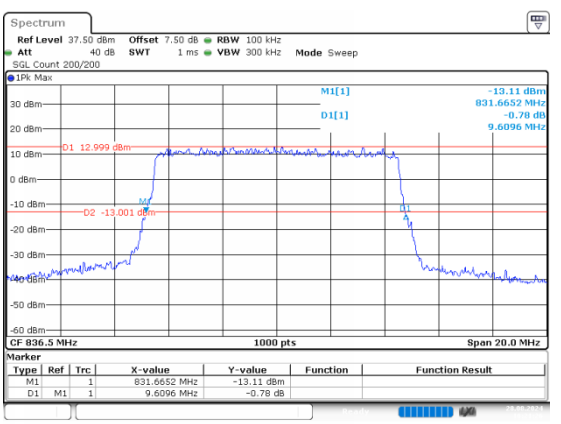


10MHz_Middle_QPSK_50@0

Occupied Bandwidth

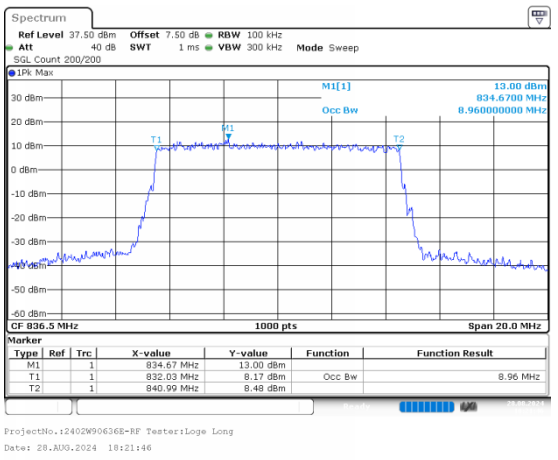


26dB Bandwidth

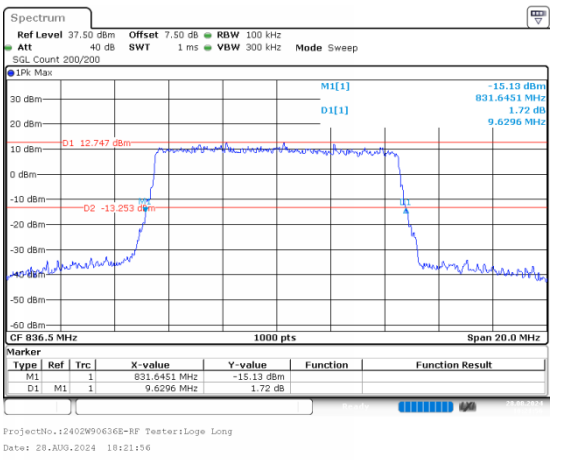


10MHz_Middle_16QAM_50@0

Occupied Bandwidth

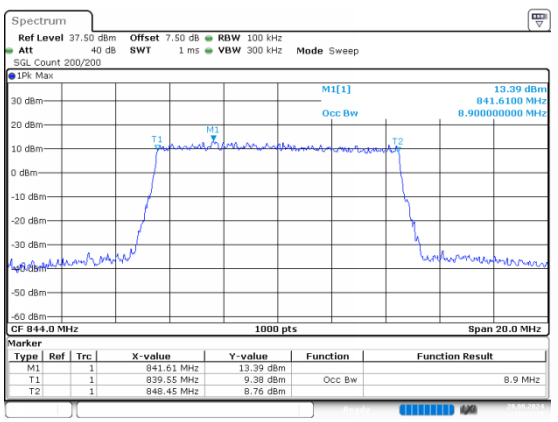


26dB Bandwidth

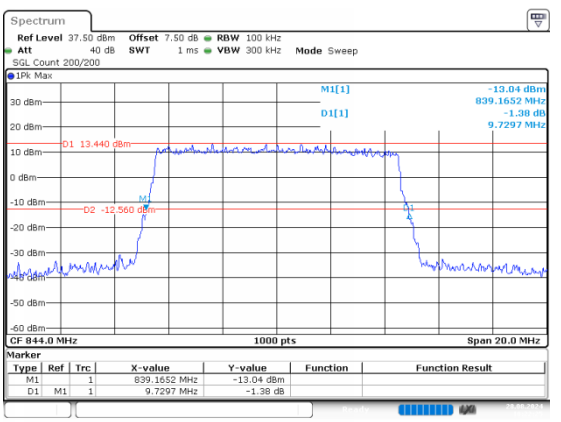


10MHz_High_QPSK_50@0

Occupied Bandwidth

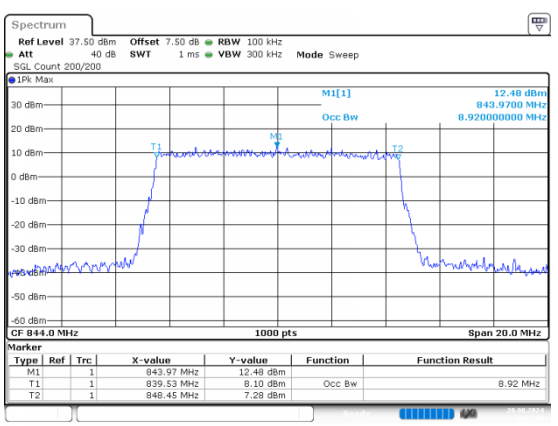


26dB Bandwidth

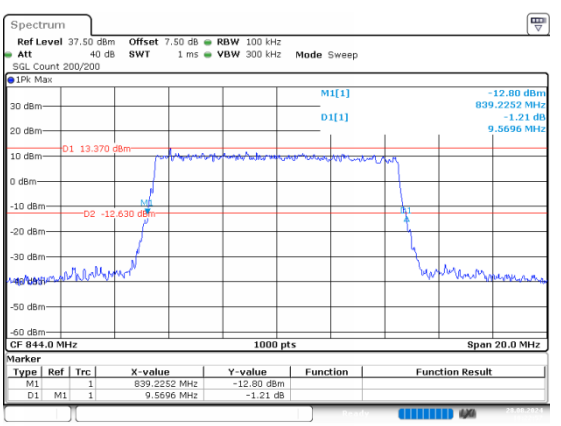


10MHz_High_16QAM_50@0

Occupied Bandwidth



26dB Bandwidth



FCC Part 24E

B2 , Normal

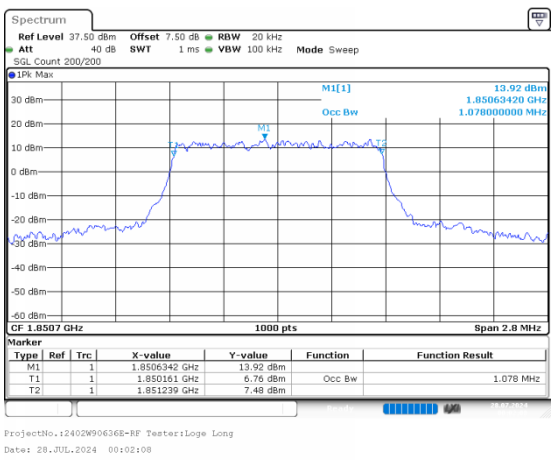
Mode	99% OBW (MHz)	EBW (MHz)
1.4MHz_Low_QPSK_6@0	1.078	1.253
1.4MHz_Low_16QAM_6@0	1.086	1.270
1.4MHz_Middle_QPSK_6@0	1.075	1.247
1.4MHz_Middle_16QAM_6@0	1.095	1.264
1.4MHz_High_QPSK_6@0	1.078	1.259
1.4MHz_High_16QAM_6@0	1.089	1.250
3MHz_Low_QPSK_15@0	2.688	2.931
3MHz_Low_16QAM_15@0	2.688	2.943
3MHz_Middle_QPSK_15@0	2.688	2.943
3MHz_Middle_16QAM_15@0	2.688	2.931
3MHz_High_QPSK_15@0	2.682	2.955
3MHz_High_16QAM_15@0	2.682	2.919
5MHz_Low_QPSK_25@0	4.470	4.895
5MHz_Low_16QAM_25@0	4.470	4.865
5MHz_Middle_QPSK_25@0	4.470	4.895
5MHz_Middle_16QAM_25@0	4.480	4.915
5MHz_High_QPSK_25@0	4.470	4.815
5MHz_High_16QAM_25@0	4.470	4.845
10MHz_Low_QPSK_50@0	8.940	9.570
10MHz_Low_16QAM_50@0	8.960	9.590
10MHz_Middle_QPSK_50@0	8.920	9.790
10MHz_Middle_16QAM_50@0	8.960	9.570
10MHz_High_QPSK_50@0	8.940	9.590
10MHz_High_16QAM_50@0	8.940	9.630
15MHz_Low_QPSK_75@0	13.410	14.384
15MHz_Low_16QAM_75@0	13.410	14.414
15MHz_Middle_QPSK_75@0	13.380	14.384
15MHz_Middle_16QAM_75@0	13.380	14.354
15MHz_High_QPSK_75@0	13.350	14.354
15MHz_High_16QAM_75@0	13.350	14.264
20MHz_Low_QPSK_100@0	17.760	19.059

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_Low_16QAM_100@0	17.840	18.859
20MHz_Middle_QPSK_100@0	17.840	18.939
20MHz_Middle_16QAM_100@0	17.880	19.099
20MHz_High_QPSK_100@0	17.840	18.939
20MHz_High_16QAM_100@0	17.840	18.939

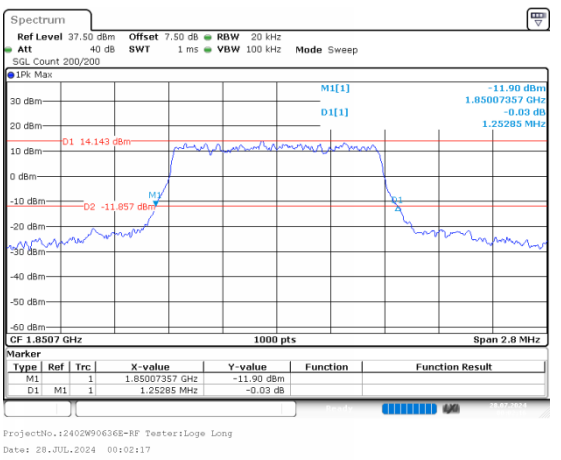
B2 , Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

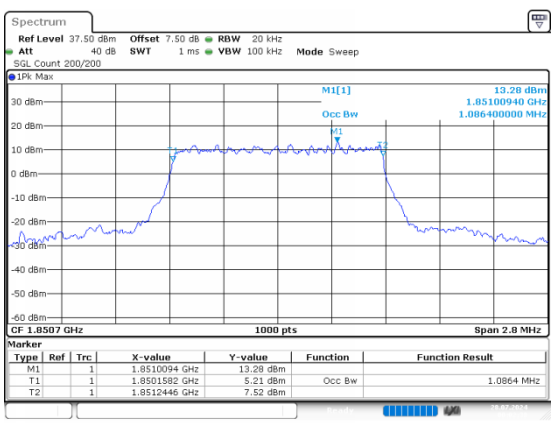


26dB Bandwidth

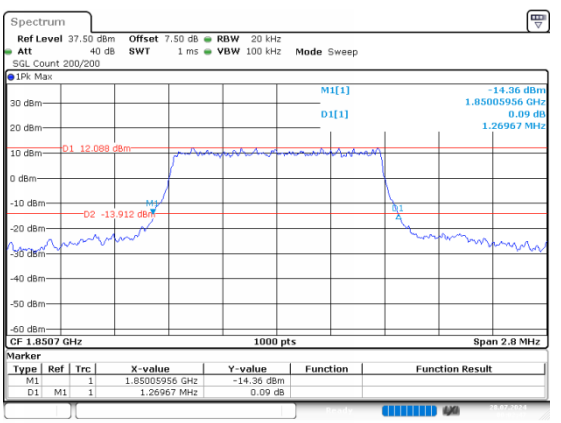


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

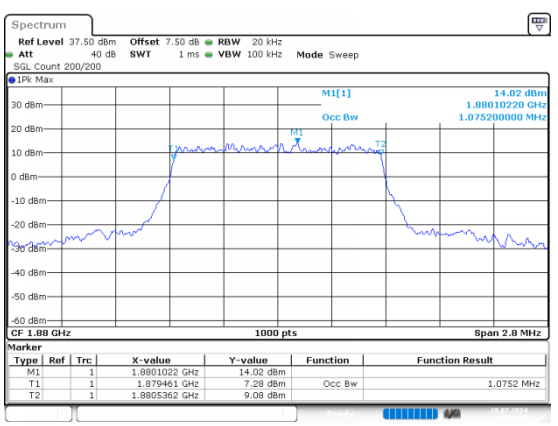


26dB Bandwidth

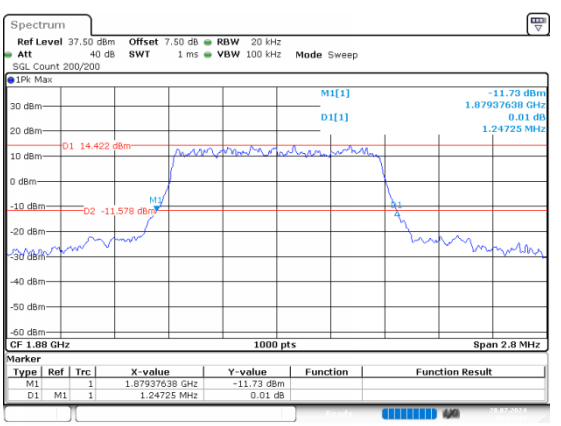


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth

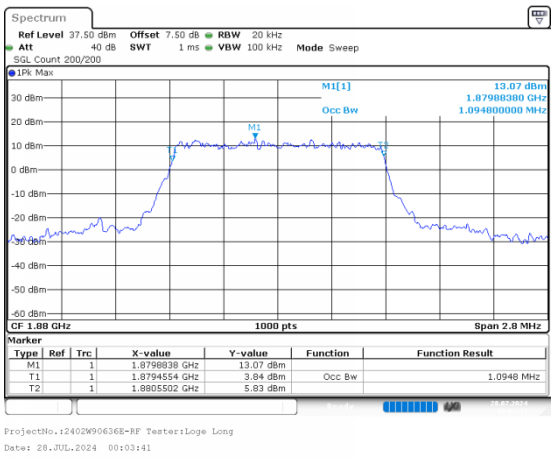


26dB Bandwidth

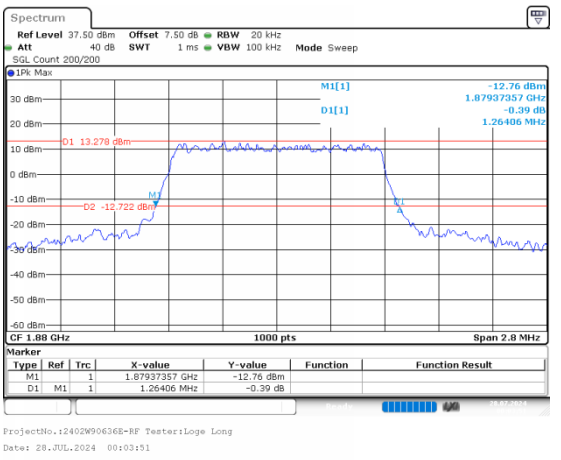


1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

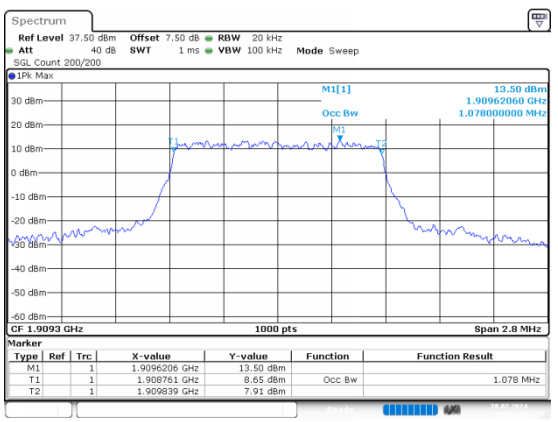


26dB Bandwidth

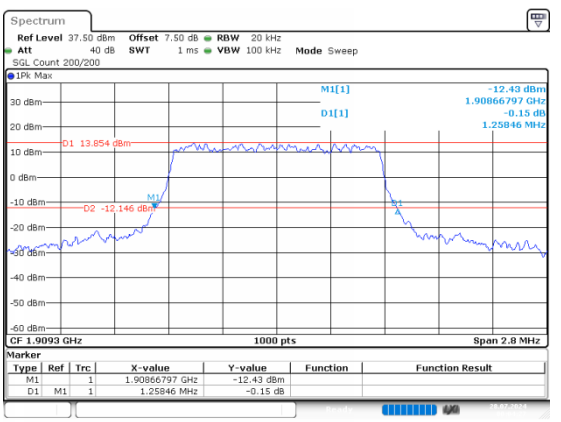


1.4MHz_High_QPSK_6@0

Occupied Bandwidth

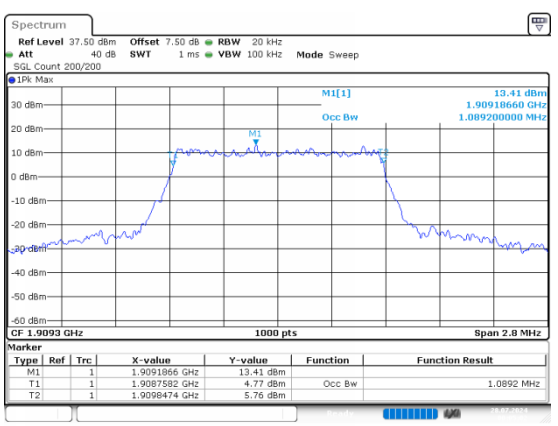


26dB Bandwidth

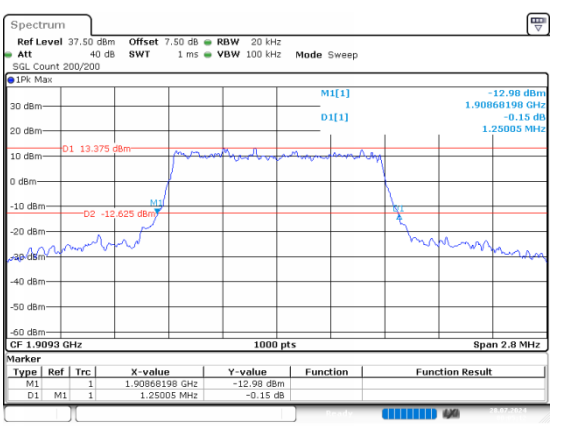


1.4MHz_High_16QAM_6@0

Occupied Bandwidth

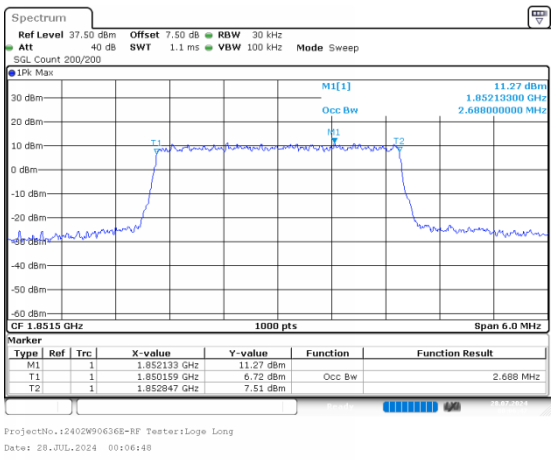


26dB Bandwidth

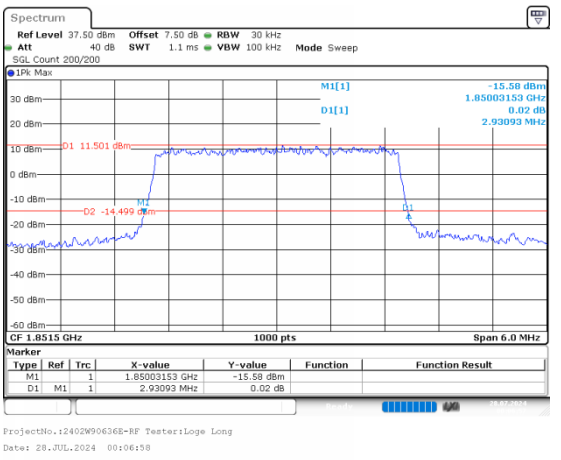


3MHz_Low_QPSK_15@0

Occupied Bandwidth

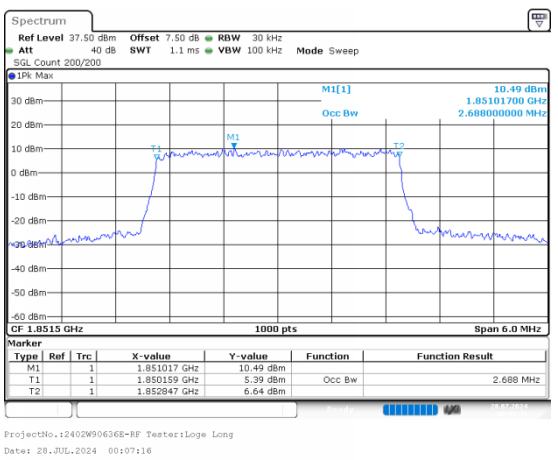


26dB Bandwidth

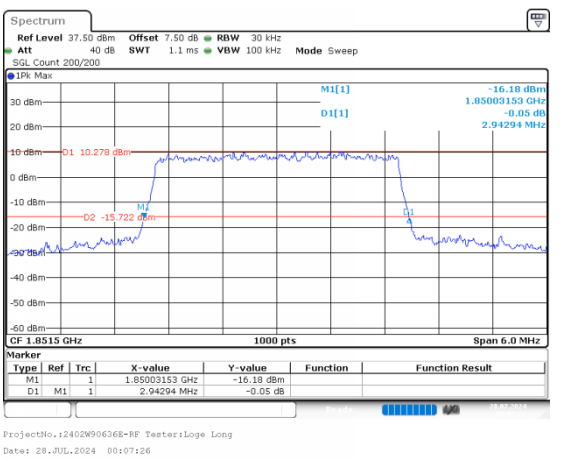


3MHz_Low_16QAM_15@0

Occupied Bandwidth

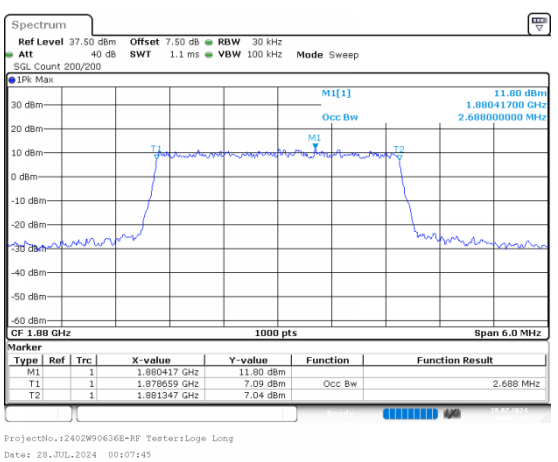


26dB Bandwidth

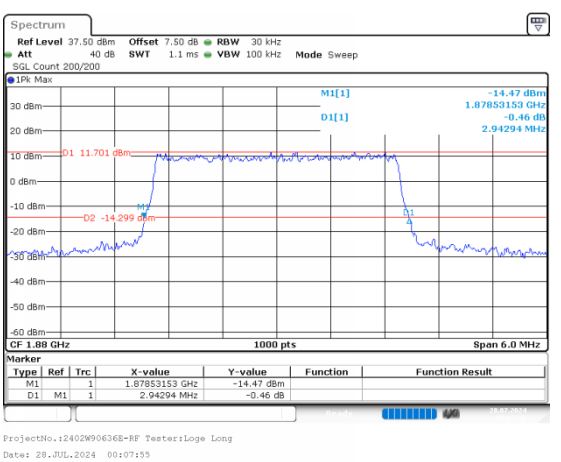


3MHz_Middle_QPSK_15@0

Occupied Bandwidth

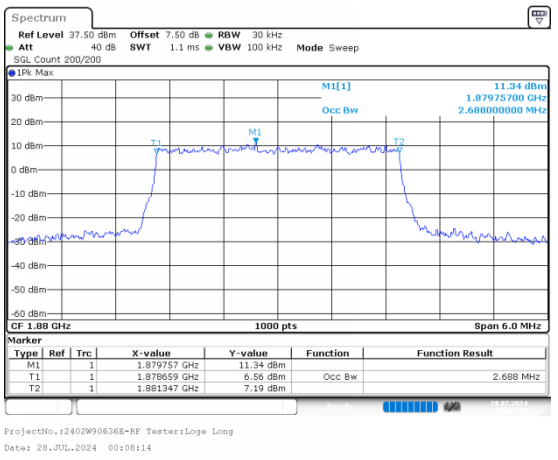


26dB Bandwidth

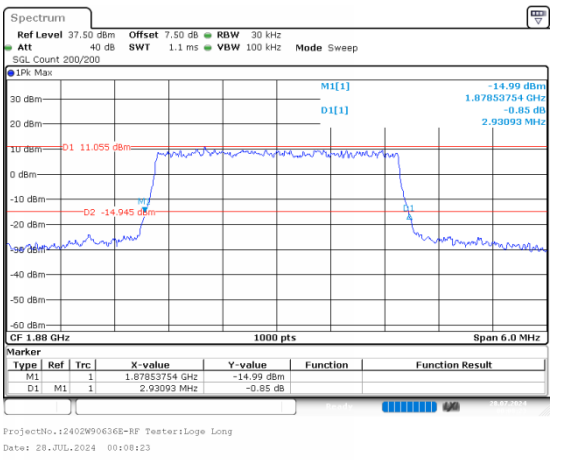


3MHz_Middle_16QAM_15@0

Occupied Bandwidth

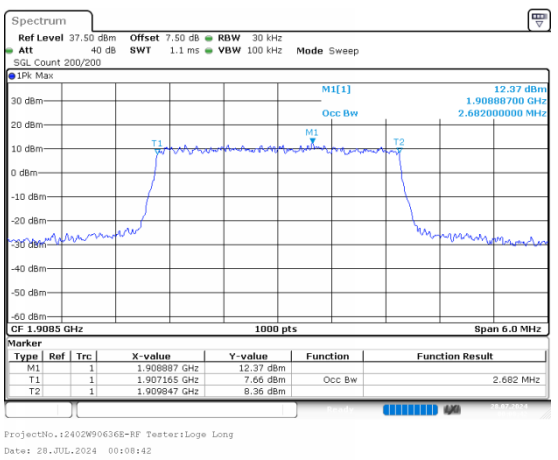


26dB Bandwidth

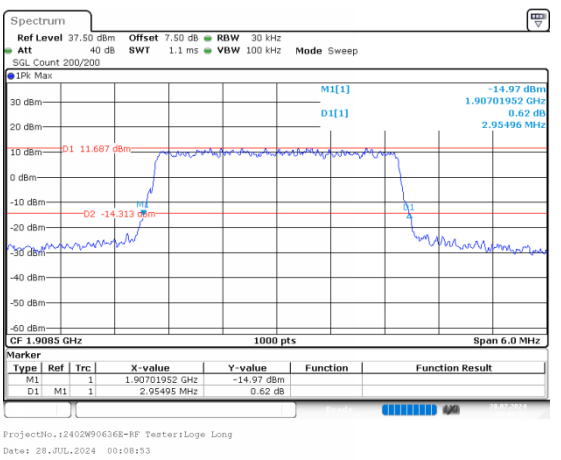


3MHz_High_QPSK_15@0

Occupied Bandwidth

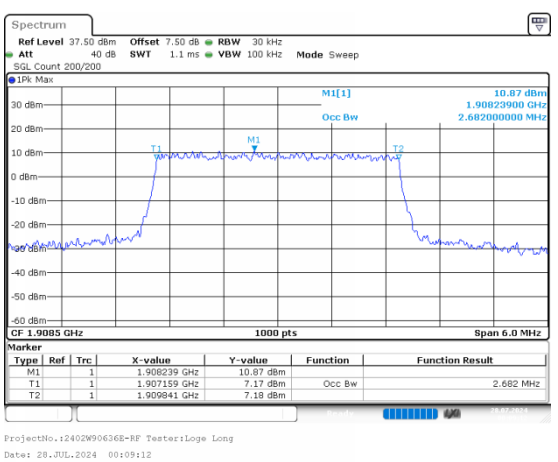


26dB Bandwidth

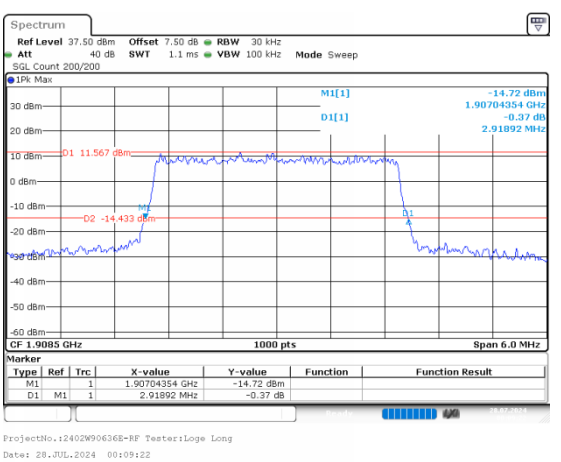


3MHz_High_16QAM_15@0

Occupied Bandwidth

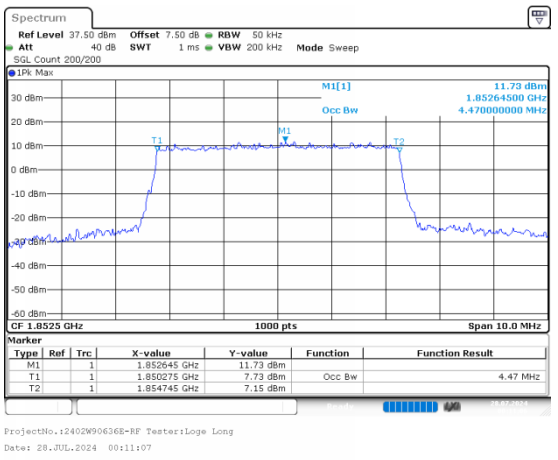


26dB Bandwidth

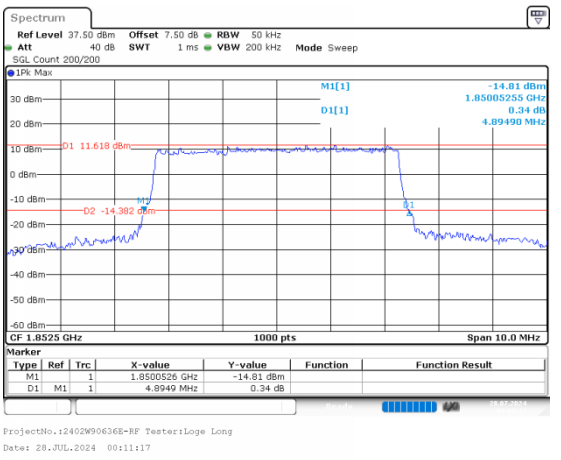


5MHz_Low_QPSK_25@0

Occupied Bandwidth

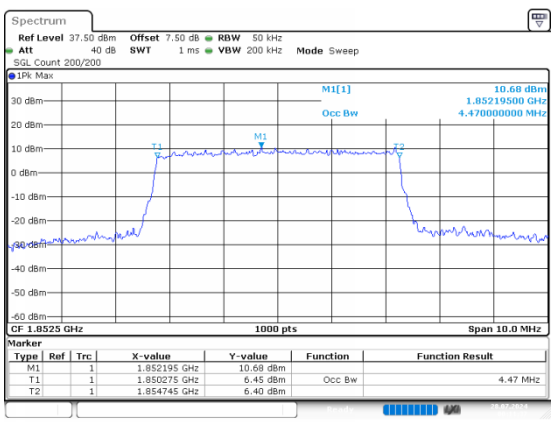


26dB Bandwidth

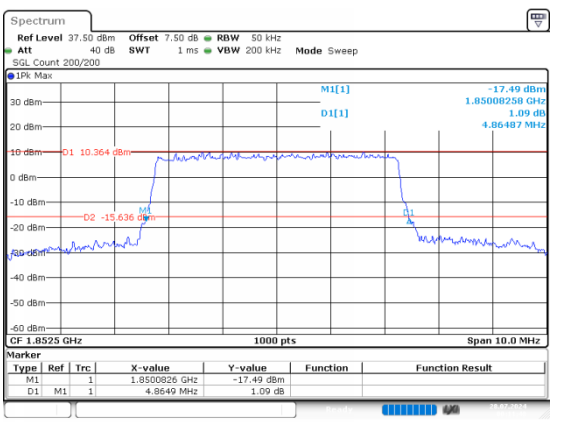


5MHz_Low_16QAM_25@0

Occupied Bandwidth

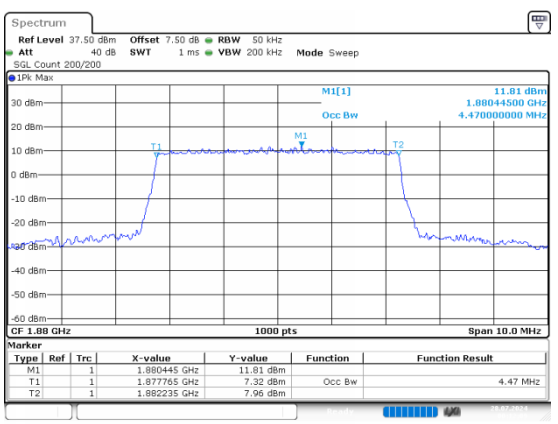


26dB Bandwidth

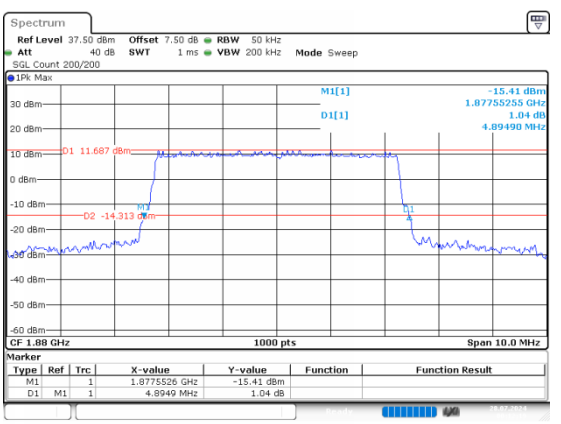


5MHz_Middle_QPSK_25@0

Occupied Bandwidth

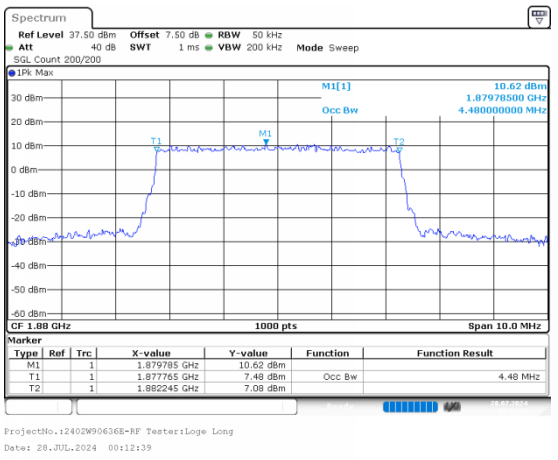


26dB Bandwidth

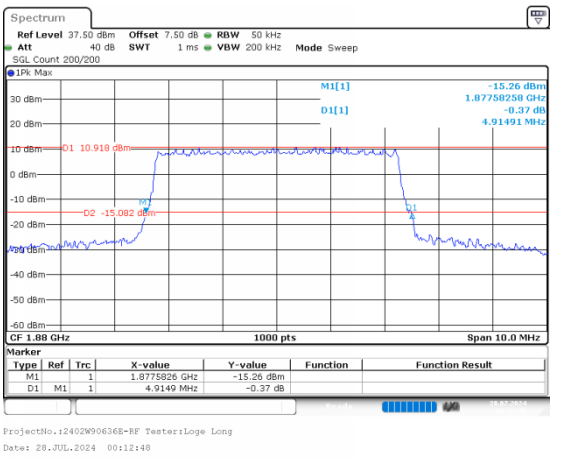


5MHz_Middle_16QAM_25@0

Occupied Bandwidth

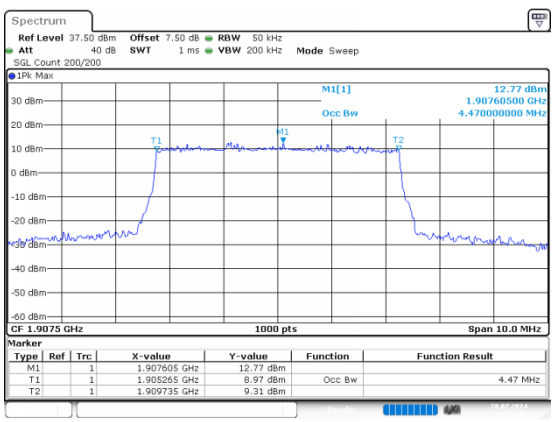


26dB Bandwidth

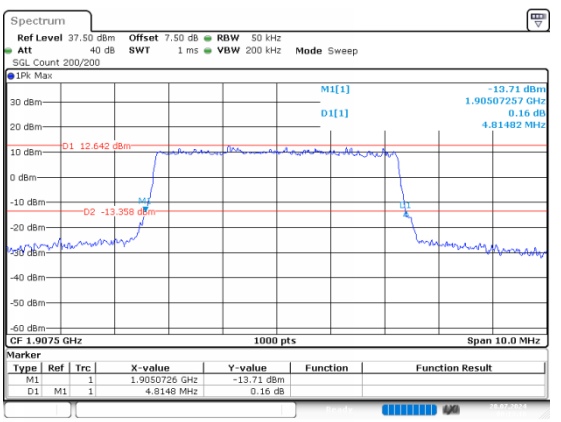


5MHz_High_QPSK_25@0

Occupied Bandwidth

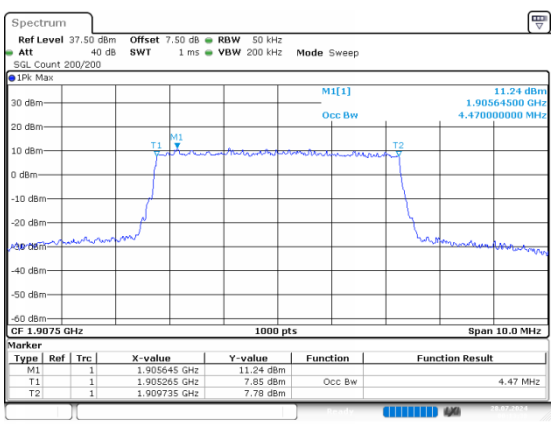


26dB Bandwidth

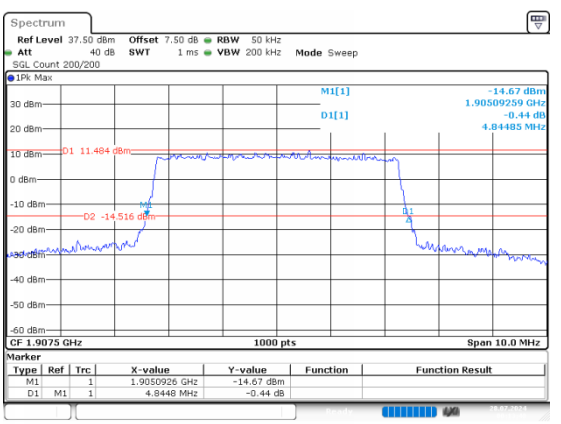


5MHz_High_16QAM_25@0

Occupied Bandwidth

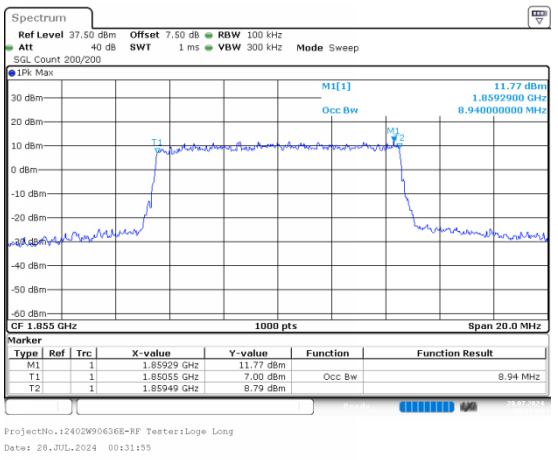


26dB Bandwidth

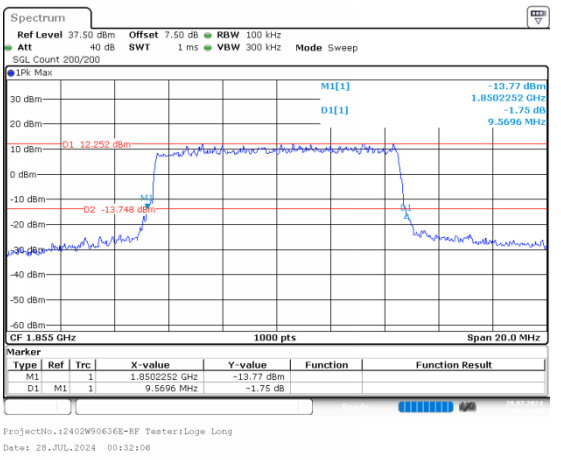


10MHz_Low_QPSK_50@0

Occupied Bandwidth

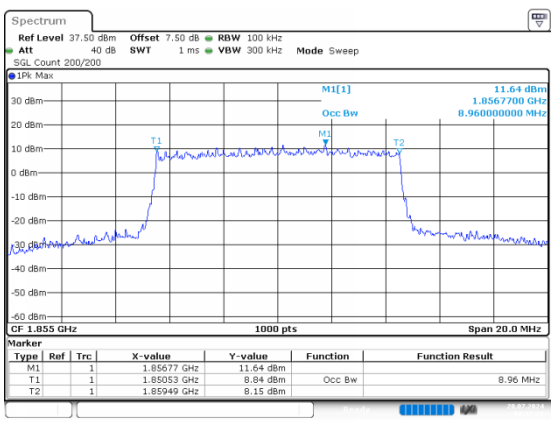


26dB Bandwidth

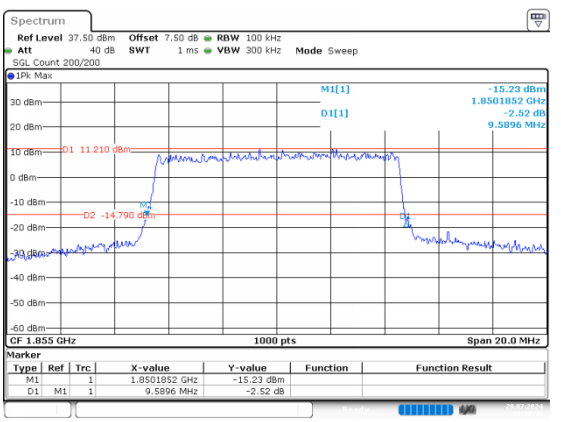


10MHz_Low_16QAM_50@0

Occupied Bandwidth

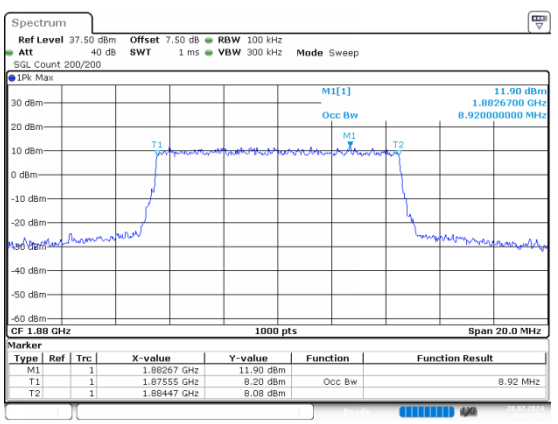


26dB Bandwidth

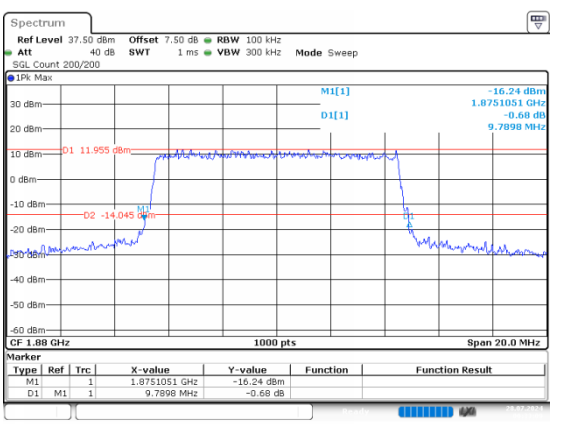


10MHz_Middle_QPSK_50@0

Occupied Bandwidth

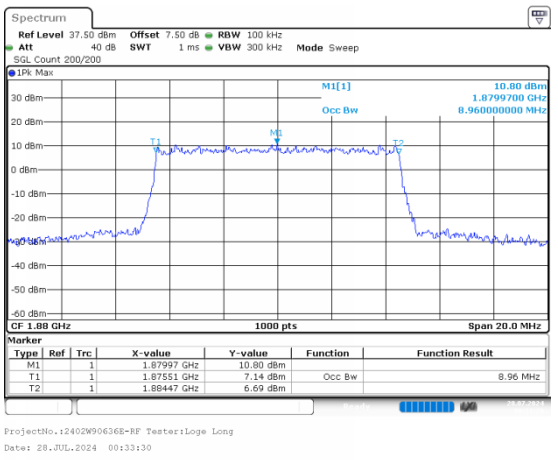


26dB Bandwidth

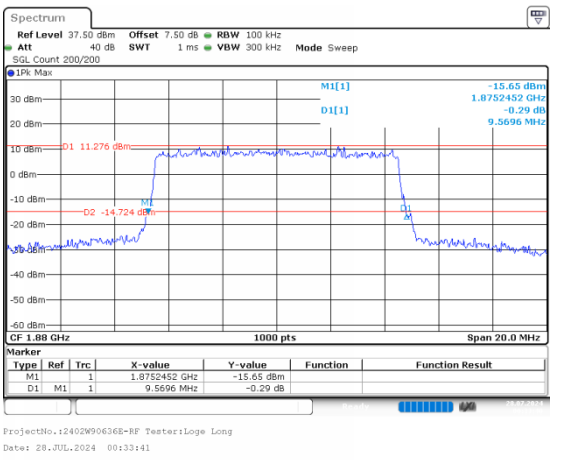


10MHz_Middle_16QAM_50@0

Occupied Bandwidth

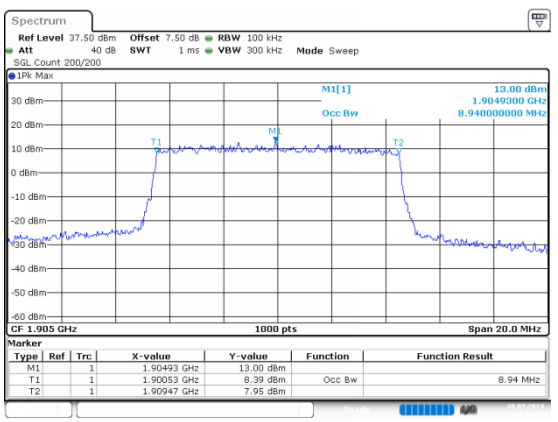


26dB Bandwidth

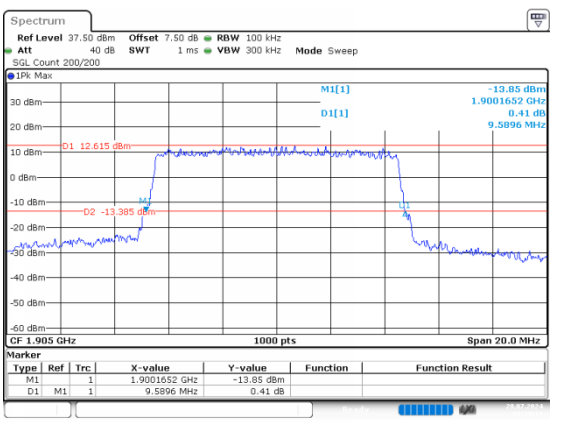


10MHz_High_QPSK_50@0

Occupied Bandwidth

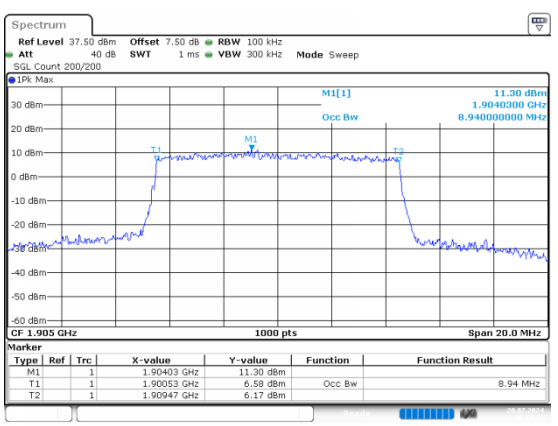


26dB Bandwidth

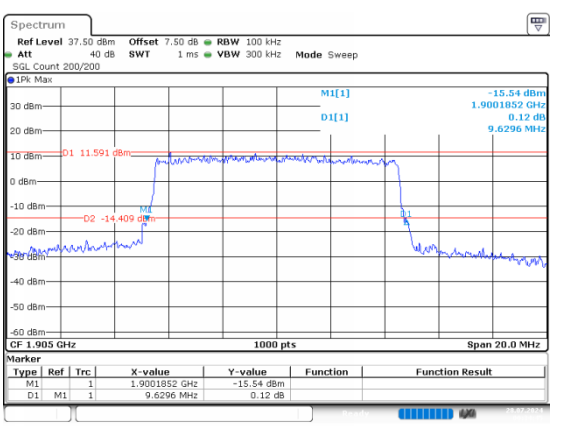


10MHz_High_16QAM_50@0

Occupied Bandwidth

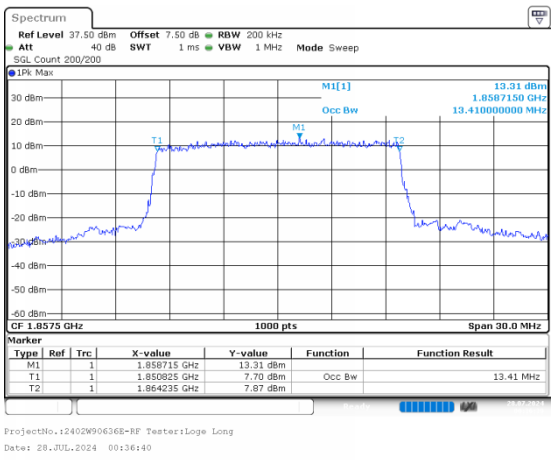


26dB Bandwidth

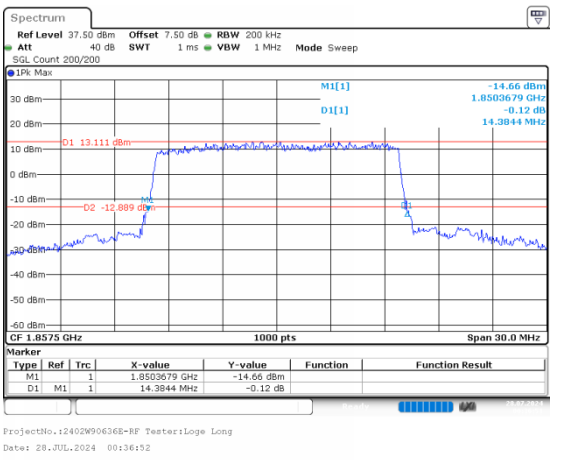


15MHz_Low_QPSK_75@0

Occupied Bandwidth

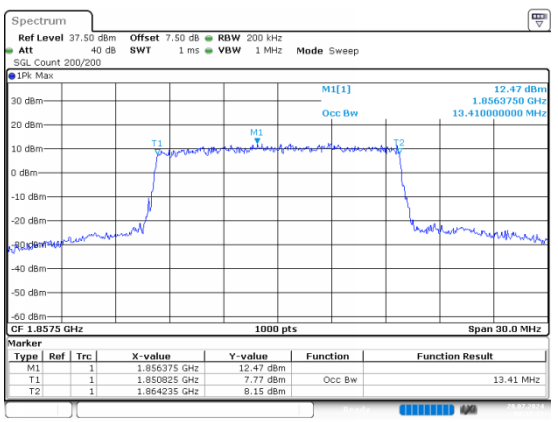


26dB Bandwidth

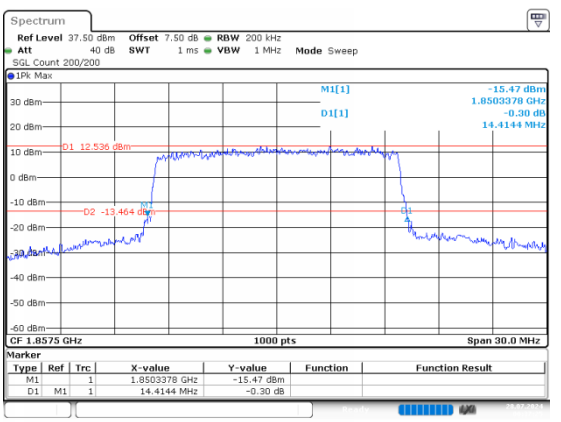


15MHz_Low_16QAM_75@0

Occupied Bandwidth

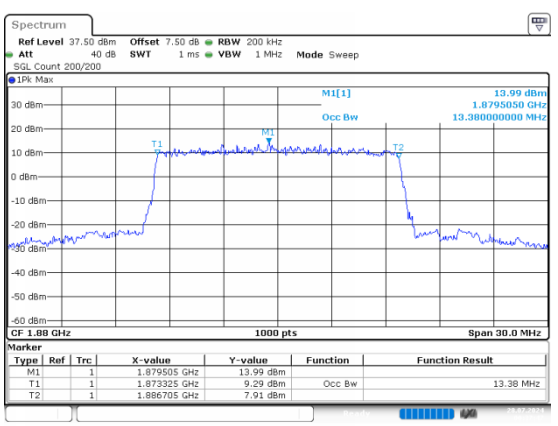


26dB Bandwidth



15MHz_Middle_QPSK_75@0

Occupied Bandwidth



26dB Bandwidth