

Appendix A

Test Information:

Sample No.:	3B32-6	Test Date:	2025/11/08~2025/11/10
Test Site:	RF	Test Mode:	Transmitting
Tester:	Apollo Luo	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.5~24.7	Relative Humidity: (%)	48~52	ATM Pressure: (kPa)	99.8~100.2
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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	-21.60	-0.0258	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-15.95	-0.0191	±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	-15.35	-0.0184	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-24.62	-0.0294	±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	-20.59	-0.0246	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-20.36	-0.0243	±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	-12.09	-0.0145	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-15.86	-0.0190	±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	-16.49	-0.0197	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-19.23	-0.0230	±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	-17.94	-0.0214	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-10.94	-0.0131	±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	-16.19	-0.0194	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-24.22	-0.0290	±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	-16.28	-0.0195	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-23.76	-0.0284	±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	-17.38	-0.0208	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-14.73	-0.0176	±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	-17.80	-0.0213	±2.5	Pass
10MHz_Middle_16QAM_27@0	836.5	-9.61	-0.0115	±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.

FCC Part 24E**Band 2, TN/VN**

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.189	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_27@0	1851.009	1855.984	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.076	1909.051	1850 ~ 1910	Pass

Band 2, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1869.051	1850 ~ 1910	Pass
20MHz_Low_16QAM_27@0	1851.009	1855.984	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.136	1909.111	1850 ~ 1910	Pass

Band 2, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.189	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_27@0	1851.009	1855.984	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.076	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_27@0	1850.949	1855.924	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.136	1909.111	1850 ~ 1910	Pass

Band 2, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_27@0	1850.949	1855.924	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.076	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_27@0	1850.949	1855.984	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.136	1909.051	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_27@0	1850.949	1855.924	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.076	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	1869.051	1850 ~ 1910	Pass
20MHz_Low_16QAM_27@0	1850.949	1855.984	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.871	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.136	1909.111	1850 ~ 1910	Pass

Band 2, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_27@0	1851.009	1855.984	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.076	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_27@0	1851.009	1855.984	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.076	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_27@0	1851.009	1855.984	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_27@73	1904.076	1909.051	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

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_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.076	1754.111	1710 ~ 1755	Pass

Band 4, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.136	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	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.076	1754.051	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_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.136	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_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.076	1754.051	1710 ~ 1755	Pass

Band 4, T5/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_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.076	1754.111	1710 ~ 1755	Pass

Band 4, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.076	1754.111	1710 ~ 1755	Pass

Band 4, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1729.051	1710 ~ 1755	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.136	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_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.076	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_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.076	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_27@0	1711.009	1715.984	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_27@73	1749.136	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	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_27@0	2500.949	2505.984	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.136	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_27@0	2501.009	2505.984	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.076	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_27@0	2501.009	2505.984	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.136	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_27@0	2501.009	2505.984	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.136	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	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_27@0	2501.009	2505.984	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.136	2569.051	2500 ~ 2570	Pass

Band 7, T5/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_27@0	2501.009	2505.924	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.136	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_27@0	2501.009	2505.984	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.136	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	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_27@0	2500.949	2505.984	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.076	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	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_27@0	2501.009	2505.924	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.076	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	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_27@0	2501.009	2505.924	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.076	2569.111	2500 ~ 2570	Pass

Band 7, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.069	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_27@0	2501.009	2505.924	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_27@73	2564.076	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	1728.931	1710 ~ 1780	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.136	1779.111	1710 ~ 1780	Pass

Band 66, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.924	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.076	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_27@0	1711.009	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.129	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.136	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_27@0	1710.949	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.136	1779.051	1710 ~ 1780	Pass

Band 66, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.136	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_27@0	1711.009	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.136	1779.111	1710 ~ 1780	Pass

Band 66, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.189	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.129	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.076	1779.051	1710 ~ 1780	Pass

Band 66, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.136	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_27@0	1711.009	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.189	1778.871	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.136	1779.171	1710 ~ 1780	Pass

Band 66, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.931	1710 ~ 1780	Pass
20MHz_Low_16QAM_27@0	1711.009	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.136	1779.051	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_27@0	1711.009	1715.984	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_27@73	1774.136	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

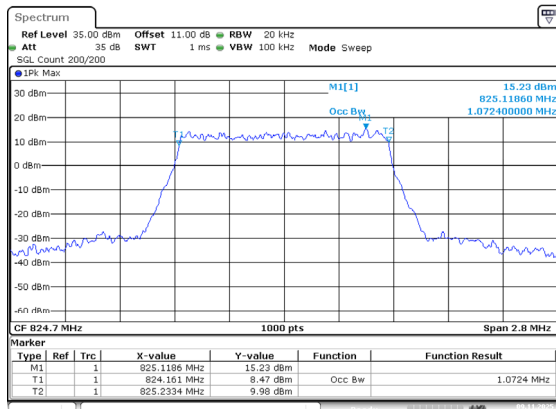
Band 5, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.072	1.236
1.4MHz_Low_16QAM_6@0	1.078	1.264
1.4MHz_Middle_QPSK_6@0	1.072	1.211
1.4MHz_Middle_16QAM_6@0	1.081	1.264
1.4MHz_High_QPSK_6@0	1.081	1.236
1.4MHz_High_16QAM_6@0	1.086	1.230
3MHz_Low_QPSK_15@0	2.688	2.901
3MHz_Low_16QAM_15@0	2.682	2.907
3MHz_Middle_QPSK_15@0	2.688	2.913
3MHz_Middle_16QAM_15@0	2.682	2.913
3MHz_High_QPSK_15@0	2.676	2.901
3MHz_High_16QAM_15@0	2.682	2.883
5MHz_Low_QPSK_25@0	4.460	4.815
5MHz_Low_16QAM_25@0	4.470	4.815
5MHz_Middle_QPSK_25@0	4.470	4.815
5MHz_Middle_16QAM_25@0	4.470	4.845
5MHz_High_QPSK_25@0	4.470	4.815
5MHz_High_16QAM_25@0	4.460	4.865
10MHz_Low_QPSK_50@0	8.940	9.550
10MHz_Low_16QAM_27@0	4.860	5.506
10MHz_Middle_QPSK_50@0	8.920	9.530
10MHz_Middle_16QAM_27@0	4.880	5.466
10MHz_High_QPSK_50@0	8.940	9.449
10MHz_High_16QAM_27@0	4.880	5.425

Band 5, Normal

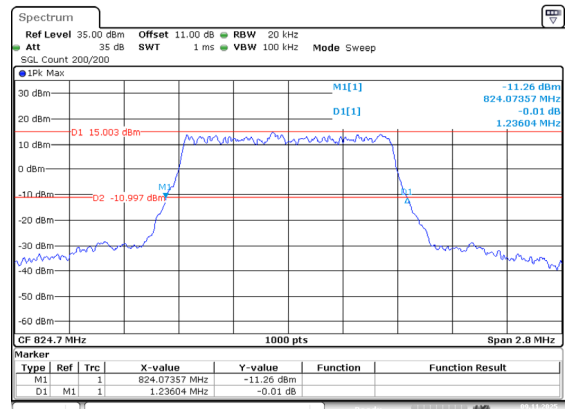
1.4MHz_Low_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 16:42:21

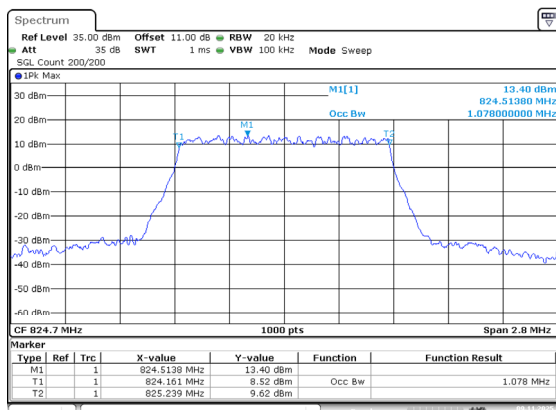
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 16:42:31

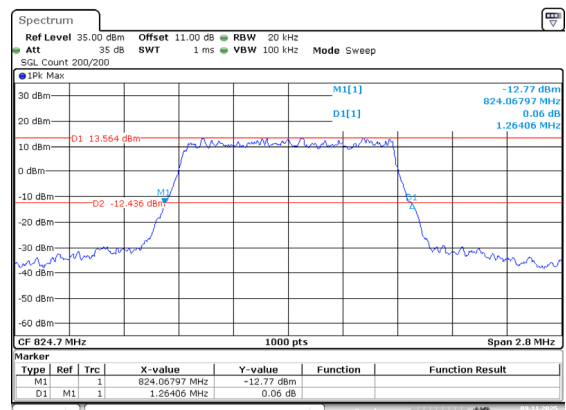
1.4MHz_Low_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 16:43:05

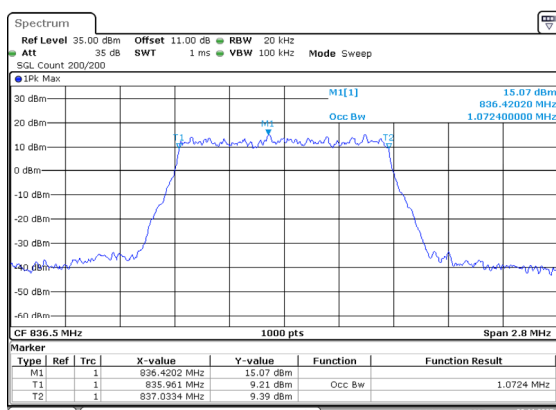
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 16:43:15

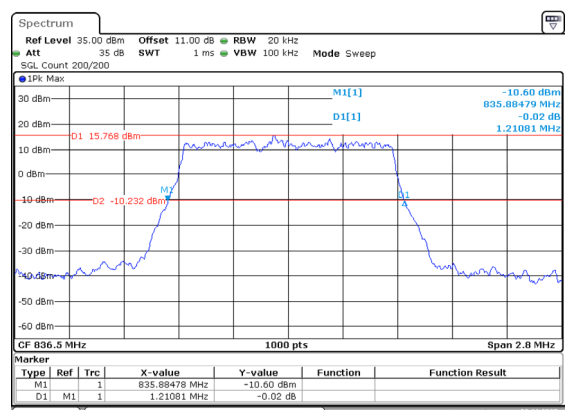
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 16:43:51

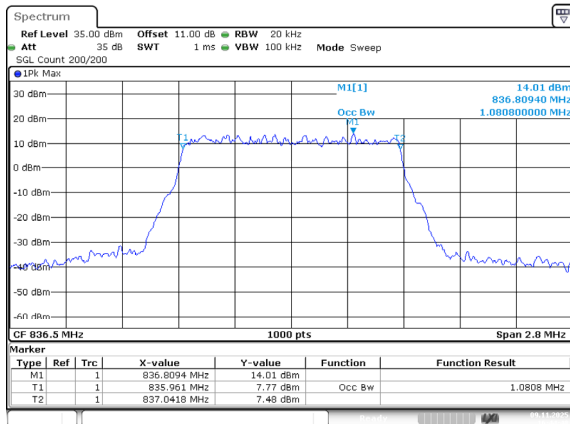
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 16:44:00

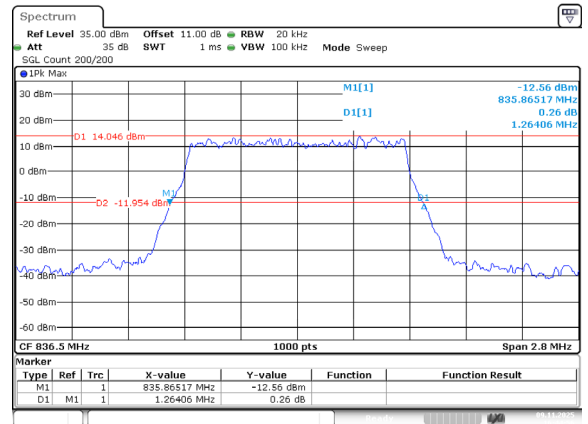
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:44:48

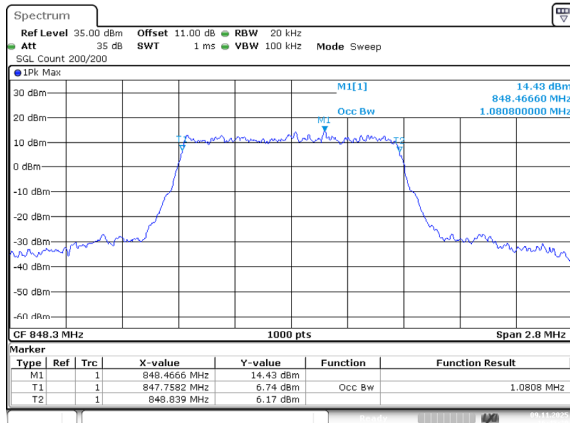
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:44:56

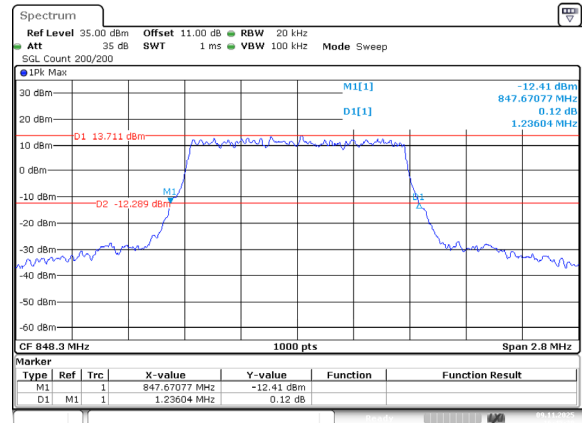
1.4MHz_High_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:45:29

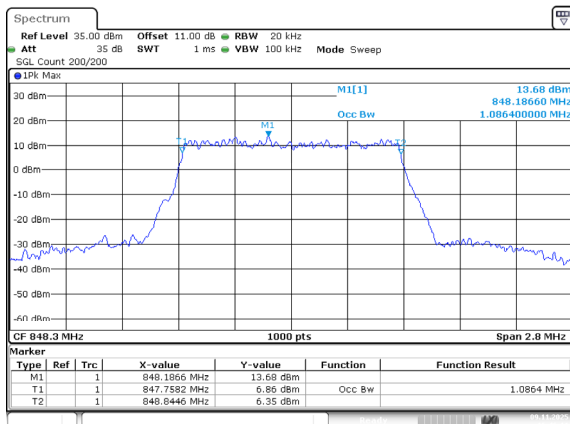
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:45:38

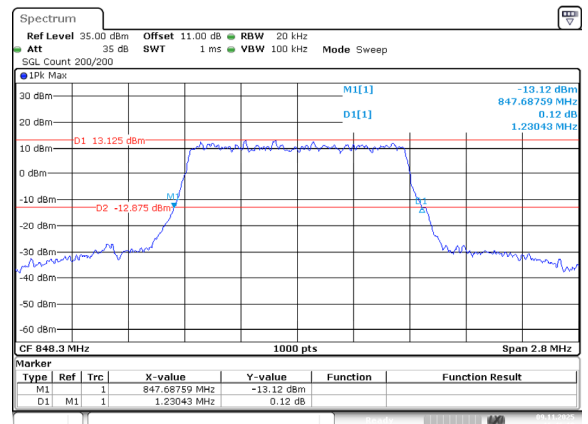
1.4MHz_High_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:46:10

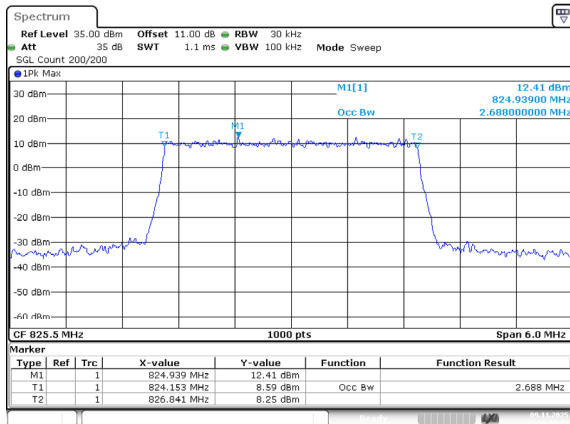
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:46:19

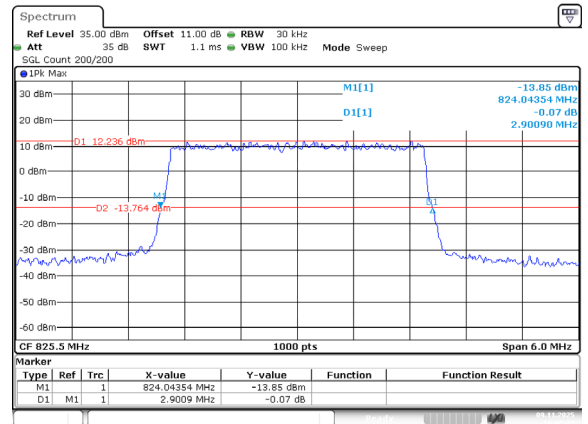
3MHz_Low_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:47:34

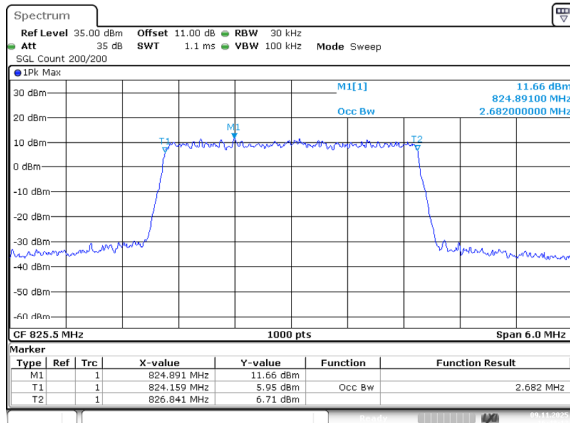
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:47:47

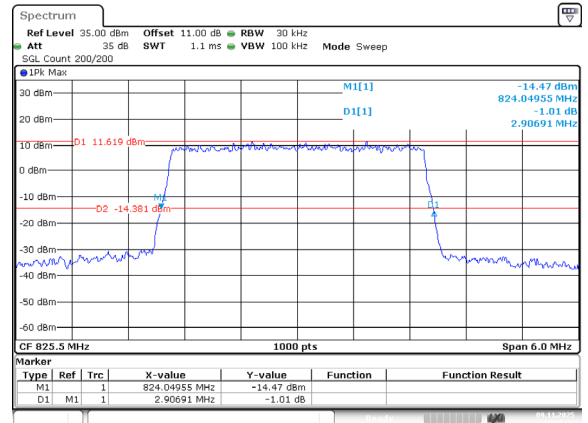
3MHz_Low_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:48:11

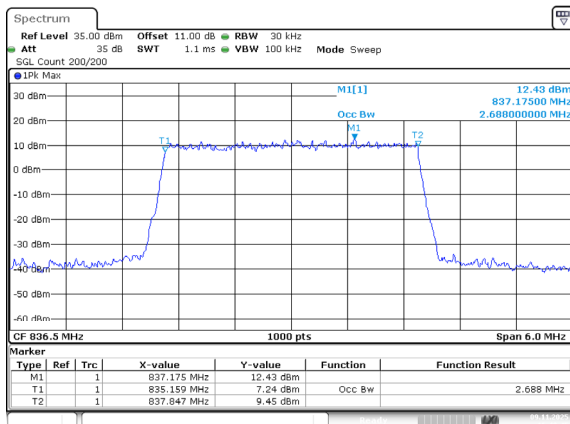
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:48:24

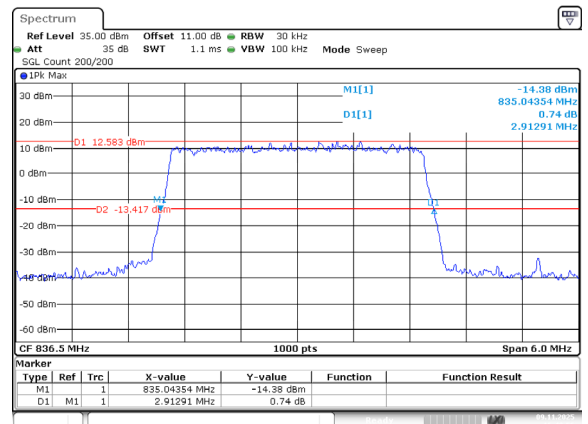
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:48:45

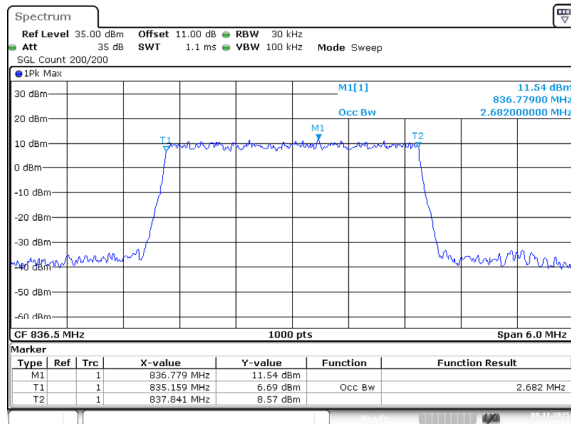
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:48:55

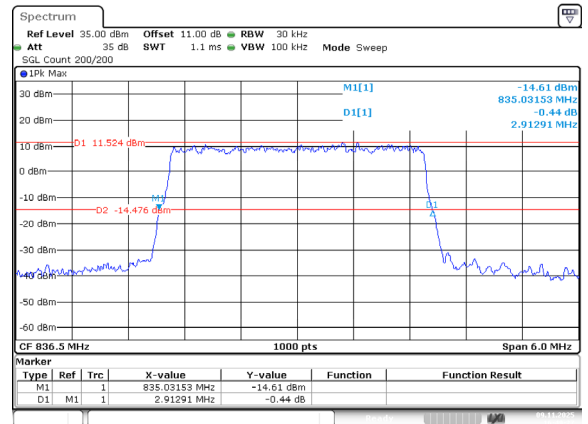
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:49:16

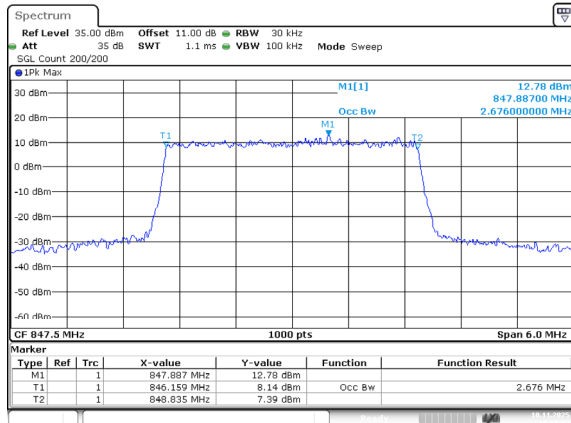
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:49:27

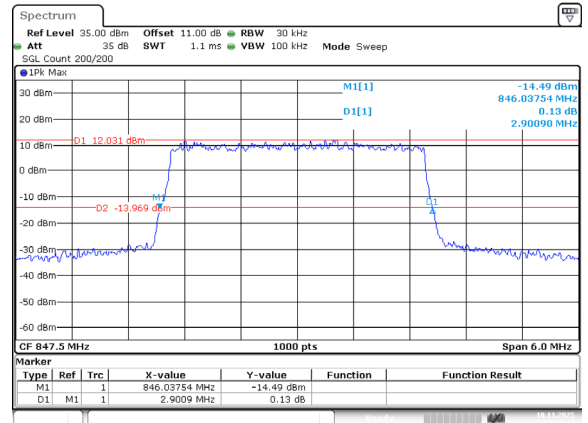
3MHz_High_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 10.NOV.2025 14:18:03

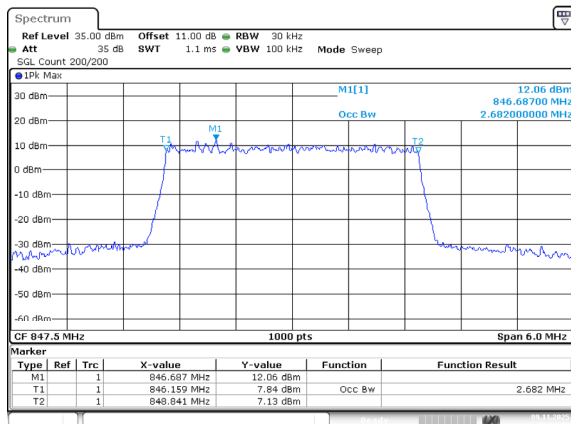
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 10.NOV.2025 14:18:12

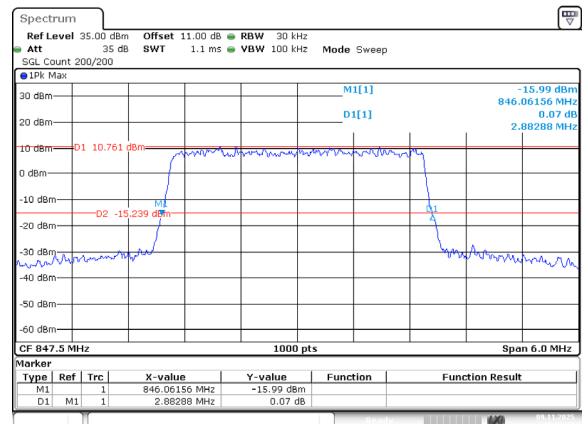
3MHz_High_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:50:36

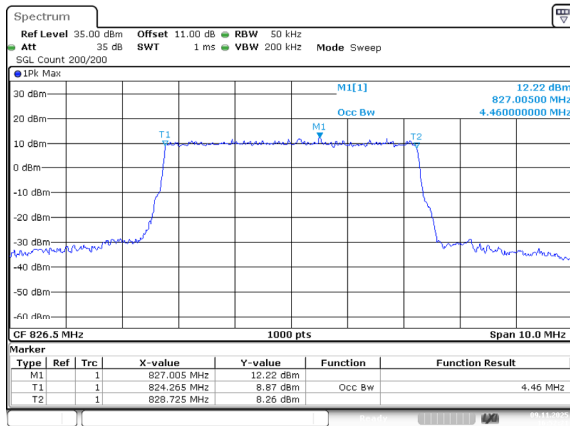
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:50:46

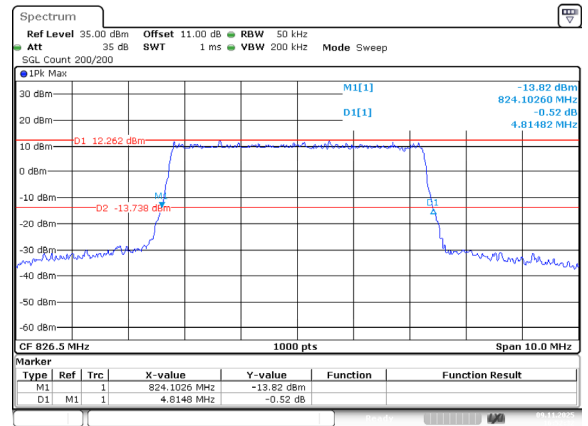
5MHz_Low_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:52:20

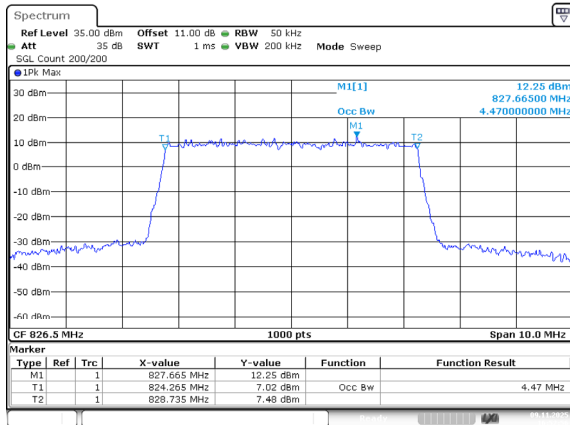
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:52:32

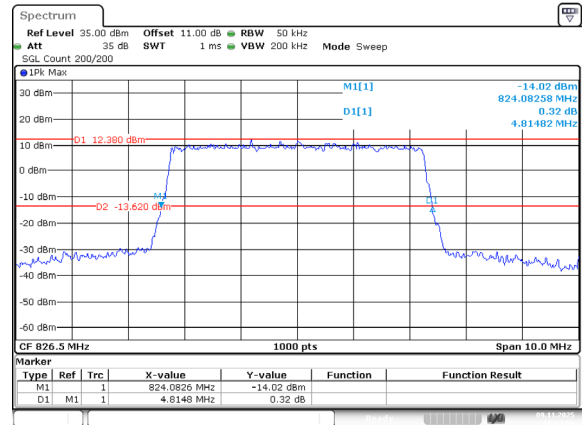
5MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:52:56

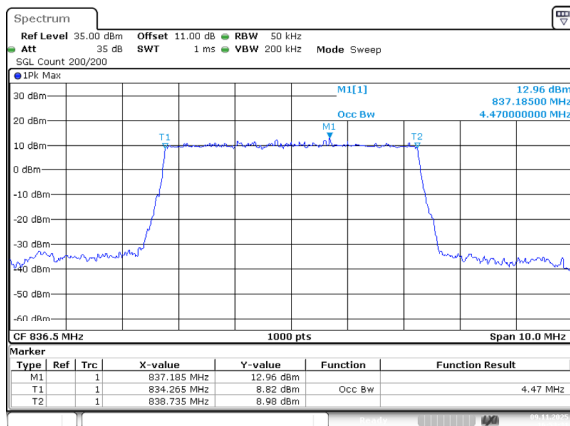
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:53:09

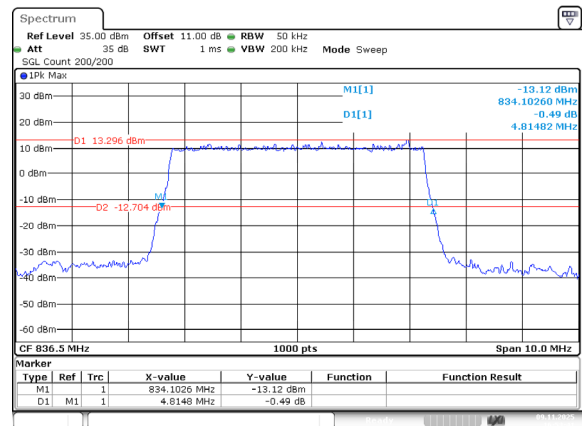
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:53:31

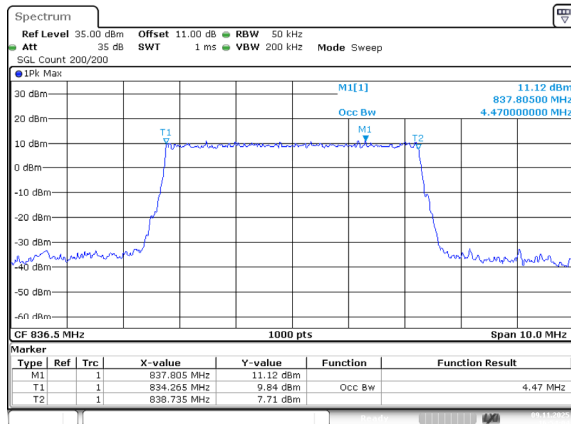
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:53:41

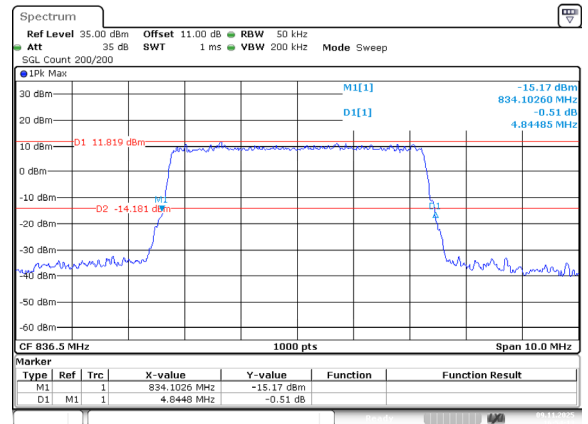
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:54:04

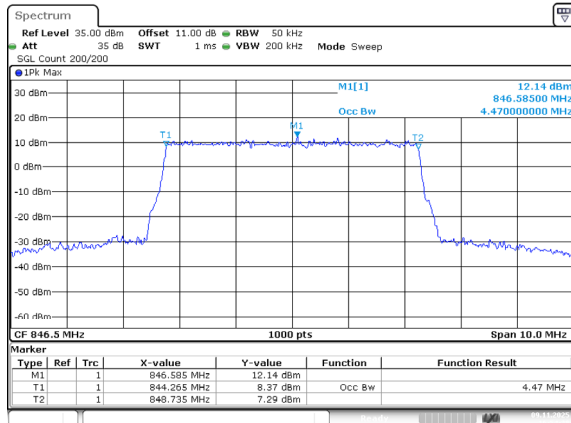
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:54:13

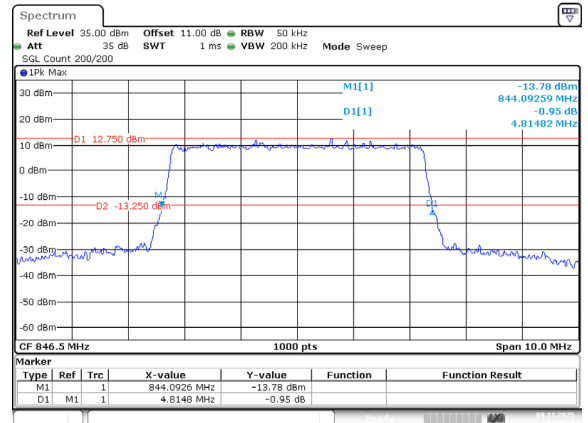
5MHz_High_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:54:39

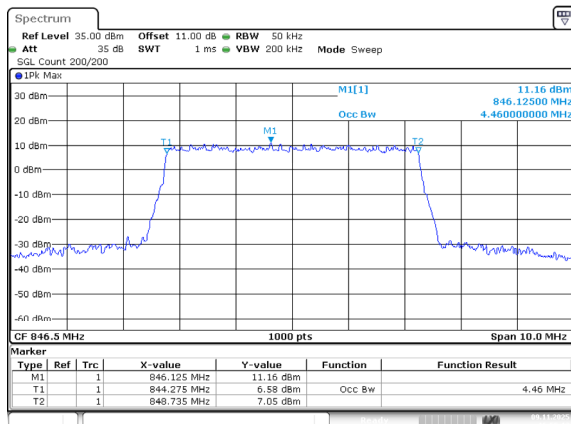
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:54:48

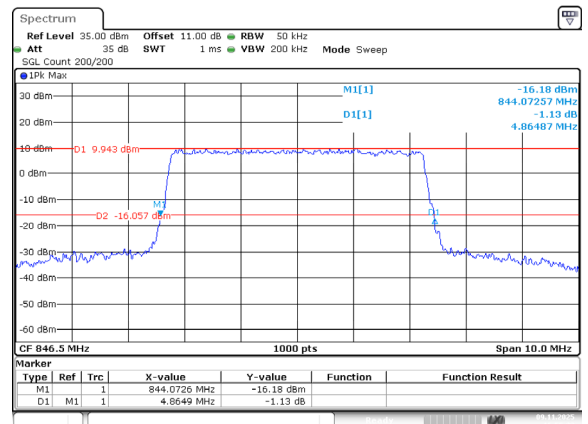
5MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:55:12

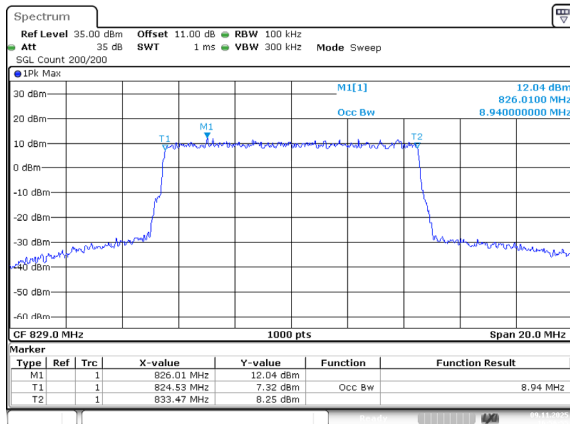
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 16:55:23

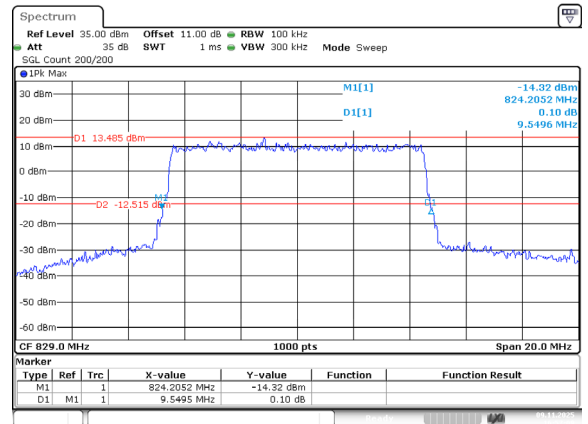
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:56:55

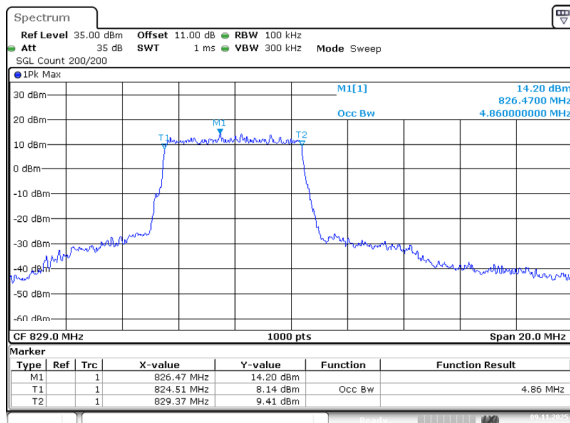
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:57:08

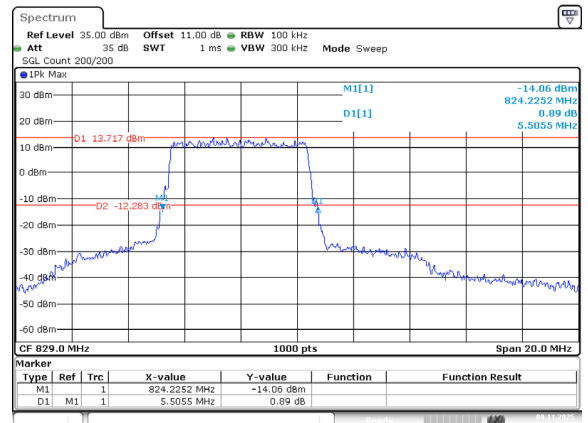
10MHz_Low_16QAM_27@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:57:34

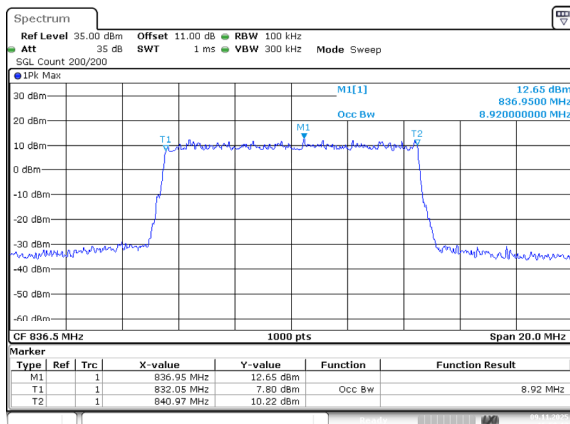
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:57:47

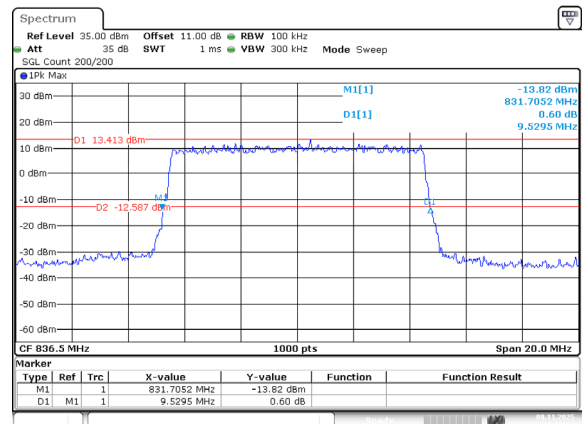
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:58:12

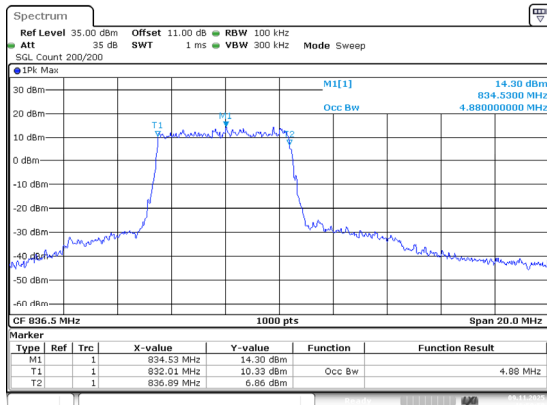
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 16:58:24

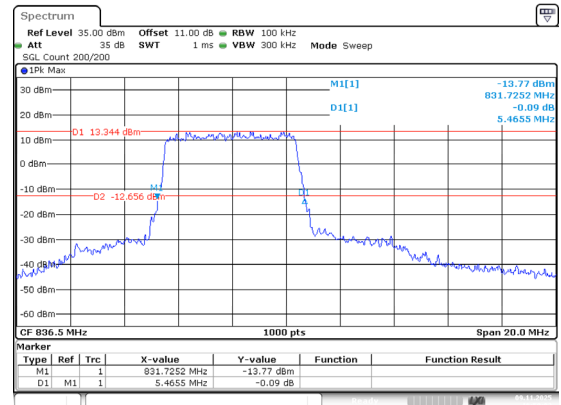
10MHz_Middle_16QAM_27@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Ixo
Date: 9.NOV.2025 16:58:49

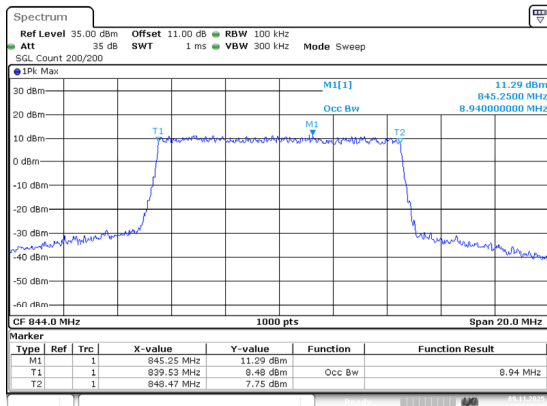
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Ixo
Date: 9.NOV.2025 16:59:02

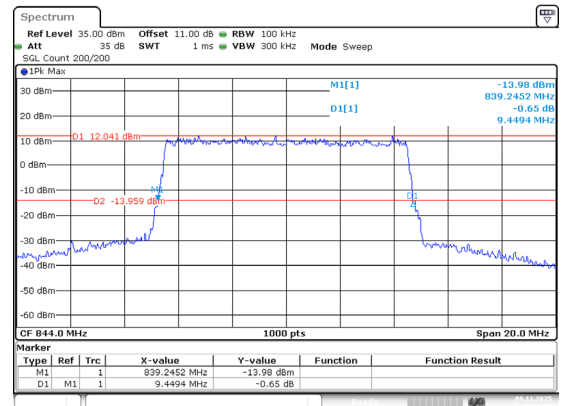
10MHz_High_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Ixo
Date: 9.NOV.2025 16:59:27

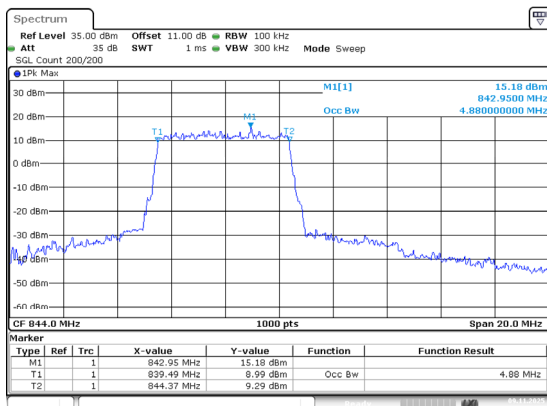
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Ixo
Date: 9.NOV.2025 16:59:39

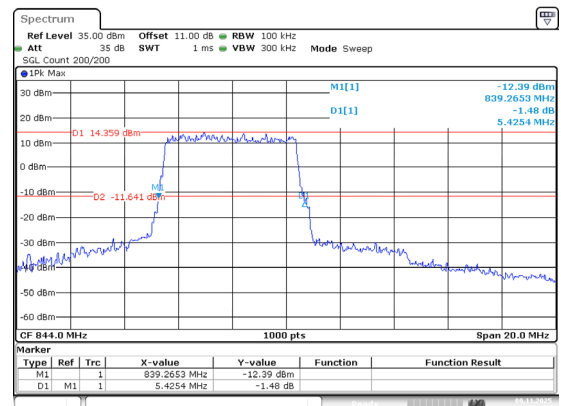
10MHz_High_16QAM_27@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Ixo
Date: 9.NOV.2025 17:00:03

26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Ixo
Date: 9.NOV.2025 17:00:15

FCC Part 24E

Band 2, Normal

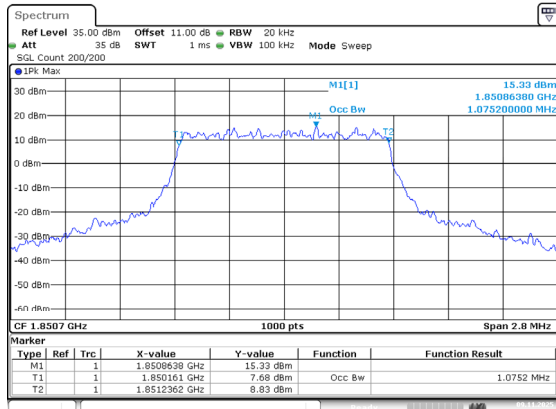
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.075	1.253
1.4MHz_Low_16QAM_6@0	1.084	1.264
1.4MHz_Middle_QPSK_6@0	1.086	1.253
1.4MHz_Middle_16QAM_6@0	1.084	1.239
1.4MHz_High_QPSK_6@0	1.075	1.256
1.4MHz_High_16QAM_6@0	1.084	1.244
3MHz_Low_QPSK_15@0	2.682	2.901
3MHz_Low_16QAM_15@0	2.688	2.919
3MHz_Middle_QPSK_15@0	2.682	2.895
3MHz_Middle_16QAM_15@0	2.676	2.889
3MHz_High_QPSK_15@0	2.688	2.895
3MHz_High_16QAM_15@0	2.688	2.919
5MHz_Low_QPSK_25@0	4.470	4.865
5MHz_Low_16QAM_25@0	4.470	4.865
5MHz_Middle_QPSK_25@0	4.470	4.865
5MHz_Middle_16QAM_25@0	4.470	4.765
5MHz_High_QPSK_25@0	4.470	4.835
5MHz_High_16QAM_25@0	4.470	4.835
10MHz_Low_QPSK_50@0	8.940	9.550
10MHz_Low_16QAM_27@0	4.860	5.405
10MHz_Middle_QPSK_50@0	8.940	9.449
10MHz_Middle_16QAM_27@0	4.900	5.506
10MHz_High_QPSK_50@0	8.940	9.570
10MHz_High_16QAM_27@0	4.880	5.385
15MHz_Low_QPSK_75@0	13.440	14.294
15MHz_Low_16QAM_27@0	4.980	5.676
15MHz_Middle_QPSK_75@0	13.410	14.204
15MHz_Middle_16QAM_27@0	4.920	5.736
15MHz_High_QPSK_75@0	13.410	14.294
15MHz_High_16QAM_27@0	4.980	5.796

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.880	18.779
20MHz_Low_16QAM_27@0	4.960	5.646
20MHz_Middle_QPSK_100@0	17.880	18.779
20MHz_Middle_16QAM_27@0	4.960	5.726
20MHz_High_QPSK_100@0	17.800	18.699
20MHz_High_16QAM_27@0	5	5.726

Band 2, Normal

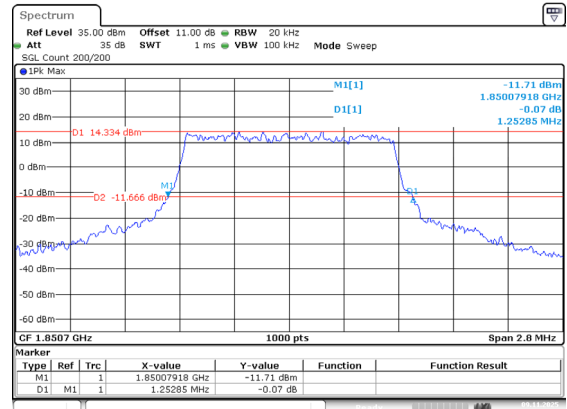
1.4MHz_Low_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 15:45:14

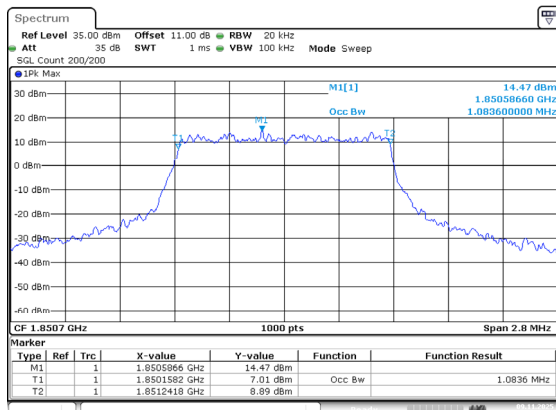
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 15:45:22

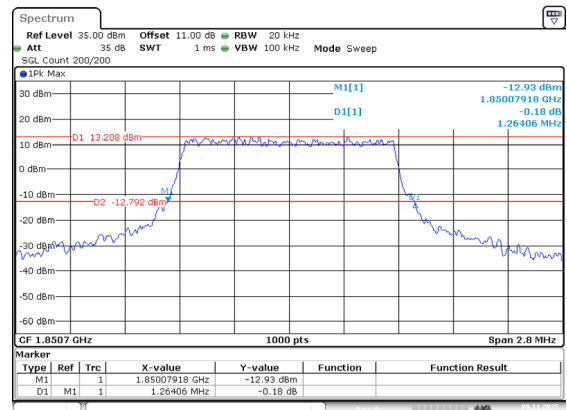
1.4MHz_Low_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 15:45:51

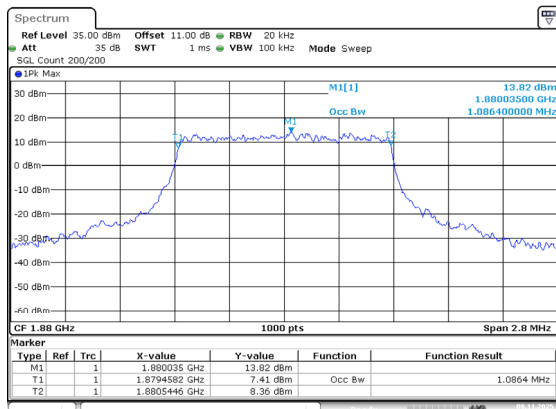
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 15:45:59

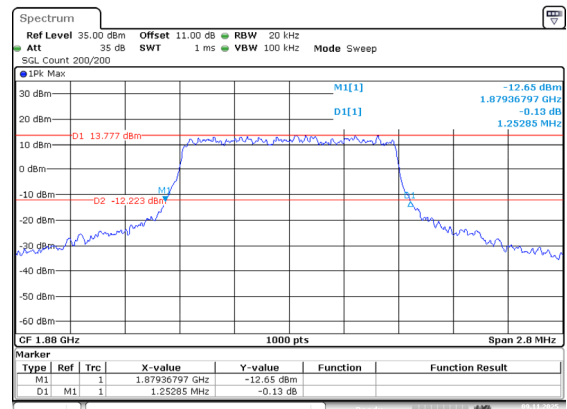
1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 15:46:28

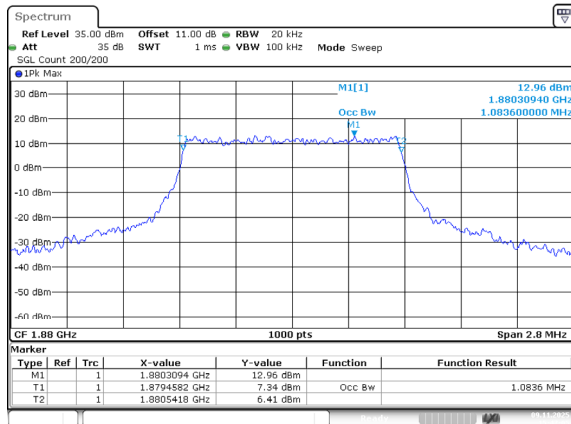
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollu Luo
Date: 9.NOV.2025 15:46:36

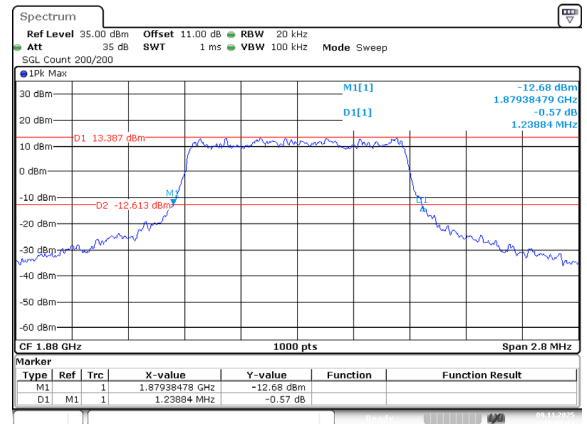
1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:47:05

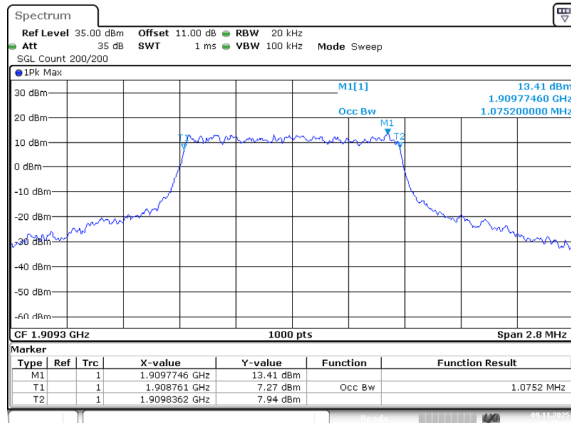
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:47:12

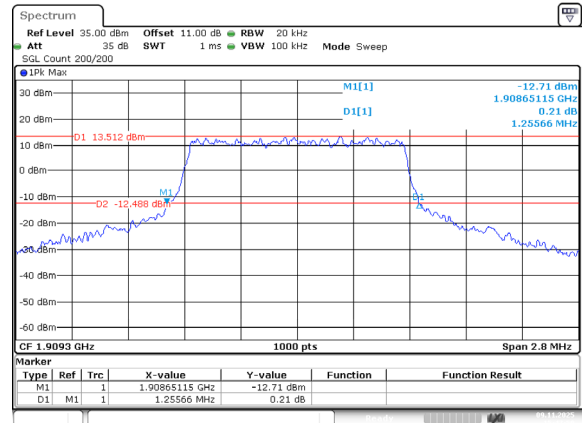
1.4MHz_High_QPSK_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:47:42

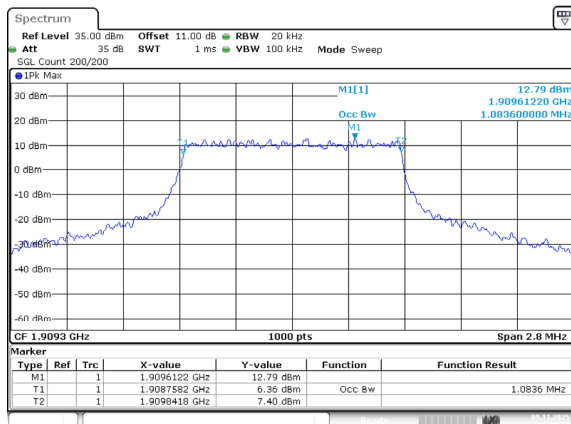
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:47:50

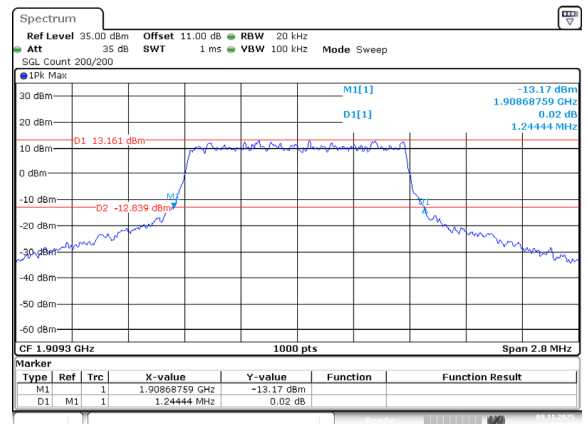
1.4MHz_High_16QAM_6@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:48:19

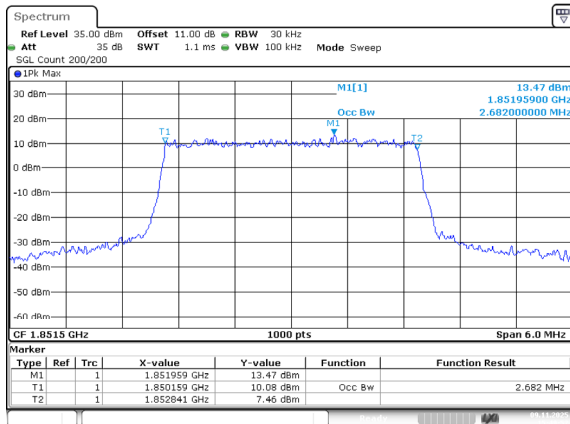
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:48:27

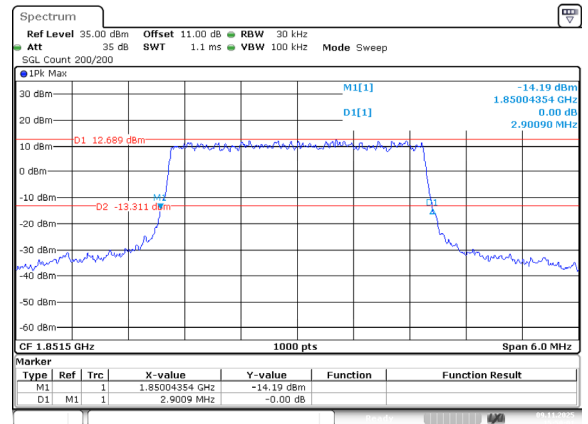
3MHz_Low_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 15:49:52

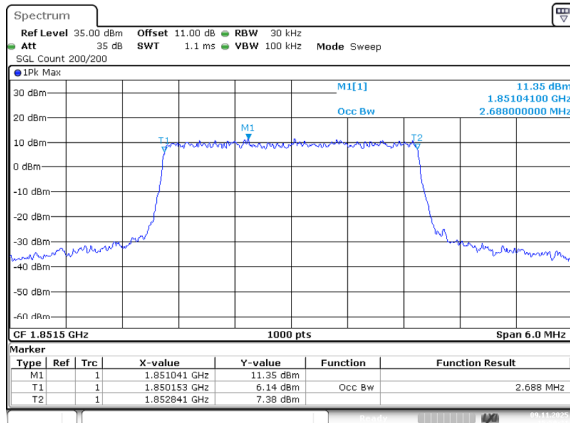
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 15:50:01

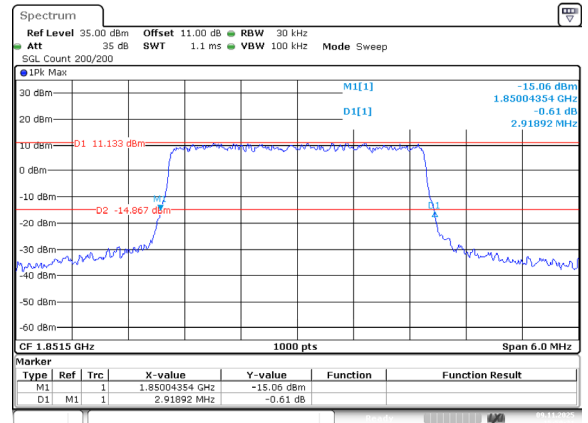
3MHz_Low_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 15:50:21

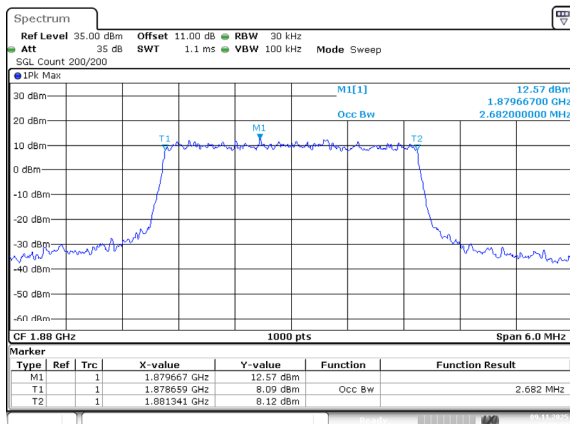
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 15:50:31

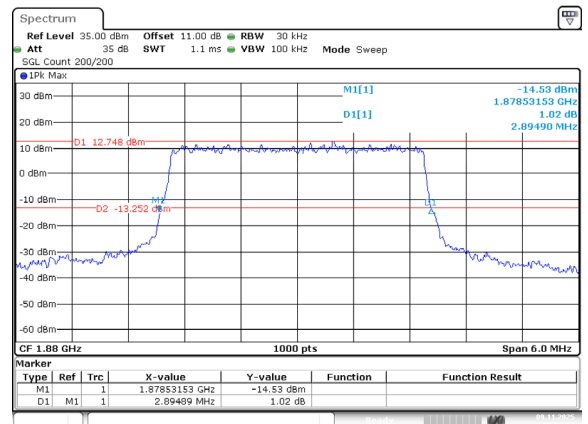
3MHz_Middle_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 15:50:51

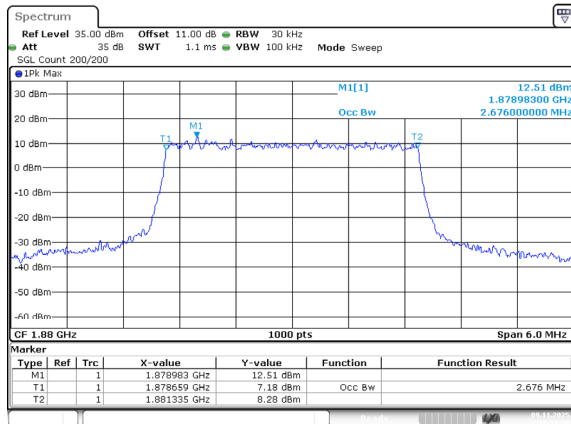
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Luo
Date: 9.NOV.2025 15:50:59

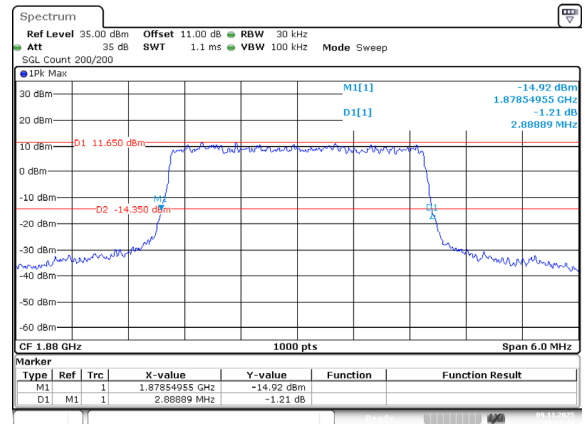
3MHz_Middle_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:51:19

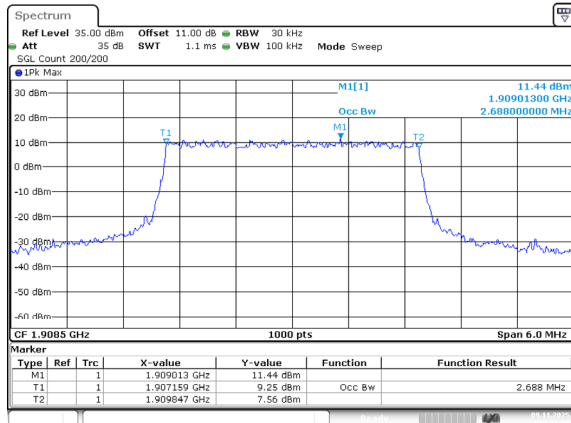
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:51:27

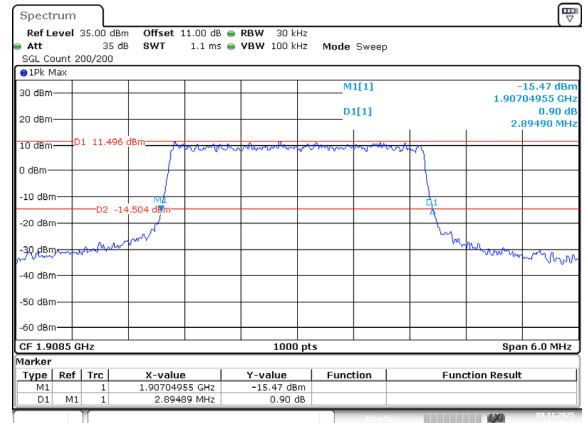
3MHz_High_QPSK_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:51:50

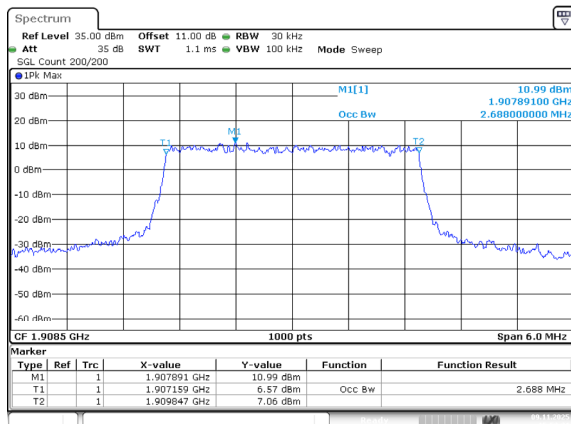
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:52:00

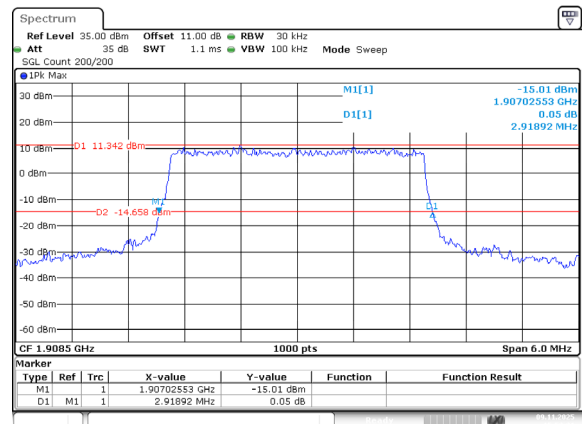
3MHz_High_16QAM_15@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:52:21

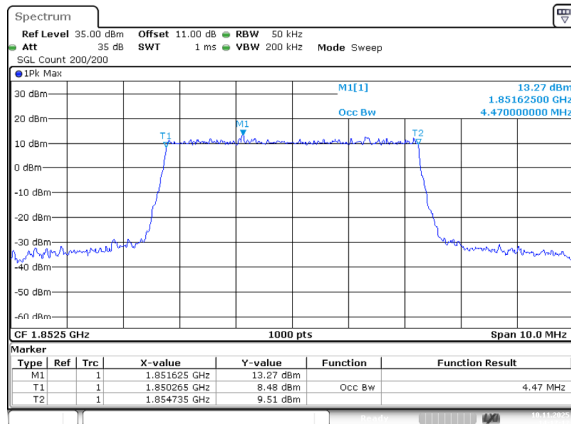
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:52:31

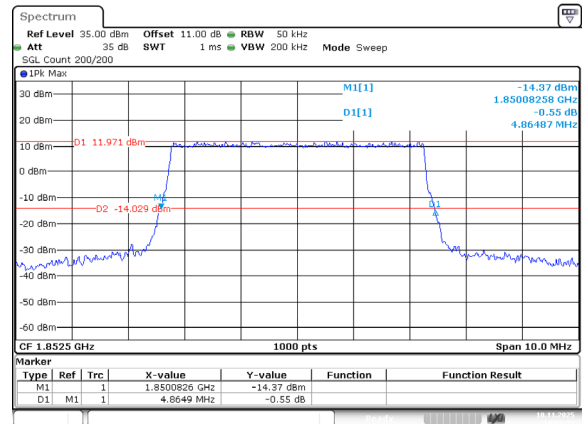
5MHz_Low_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 10.NOV.2025 14:17:12

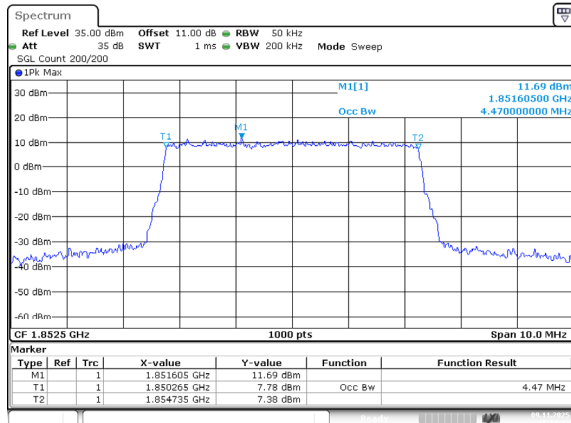
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 10.NOV.2025 14:17:22

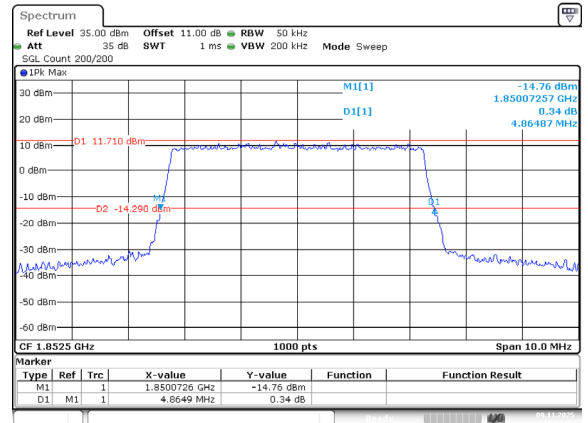
5MHz_Low_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:53:32

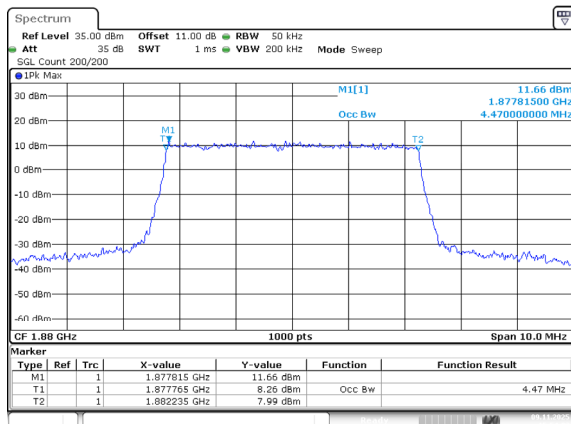
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:53:42

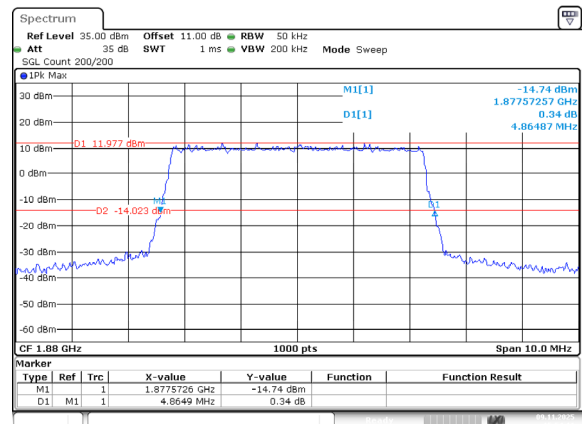
5MHz_Middle_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:54:03

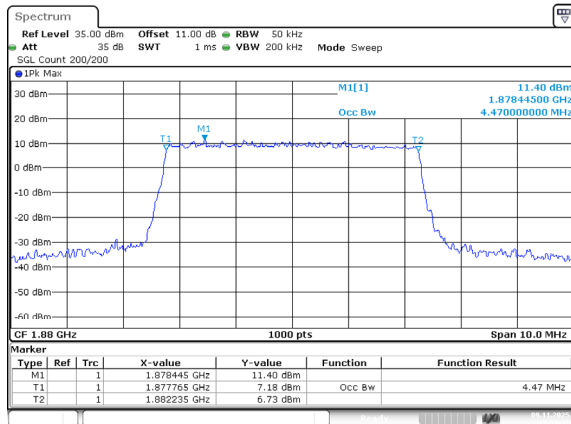
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:54:11

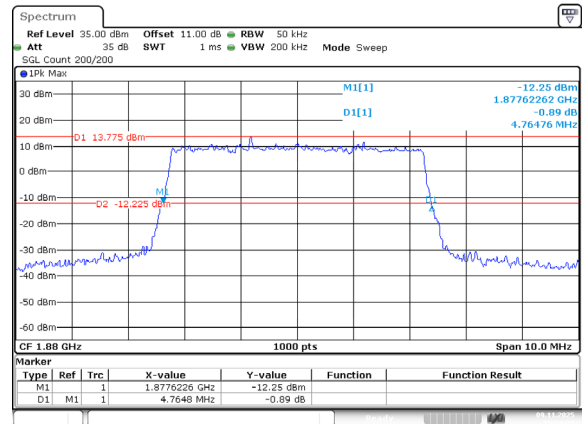
5MHz_Middle_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:54:32

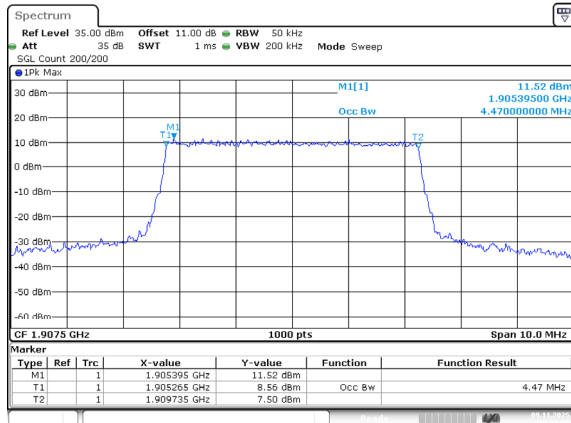
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:54:40

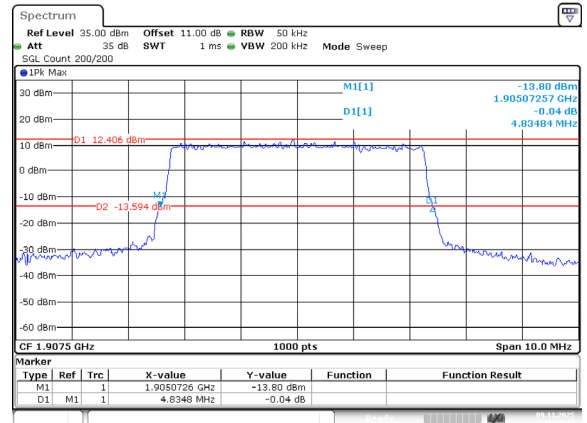
5MHz_High_QPSK_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:55:05

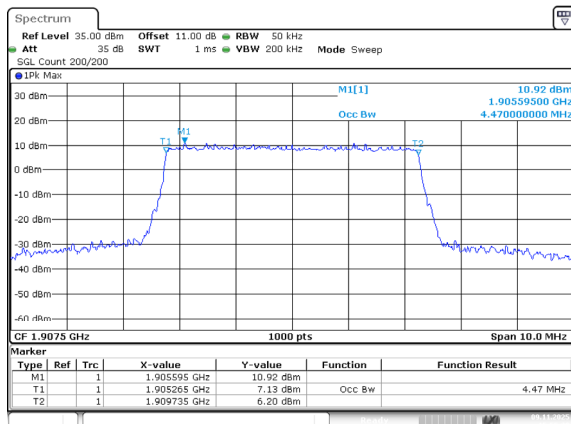
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:55:15

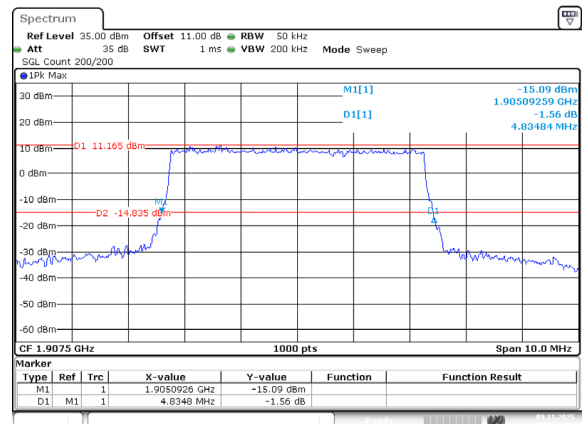
5MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:55:39

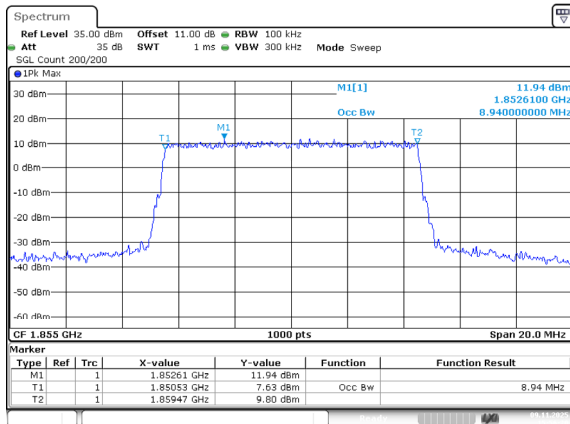
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:55:50

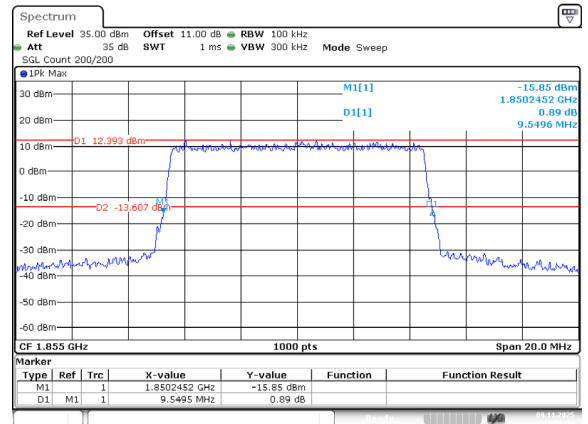
10MHz_Low_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:56:20

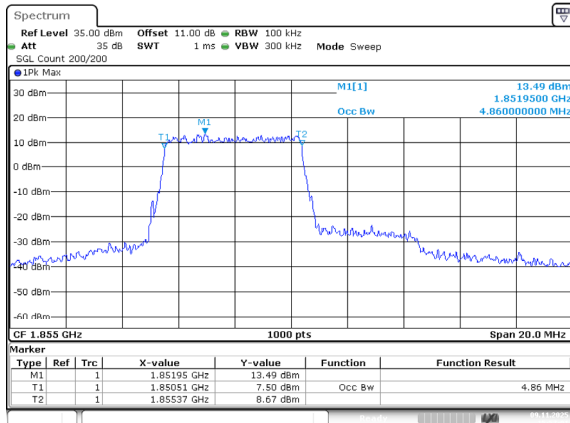
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:56:33

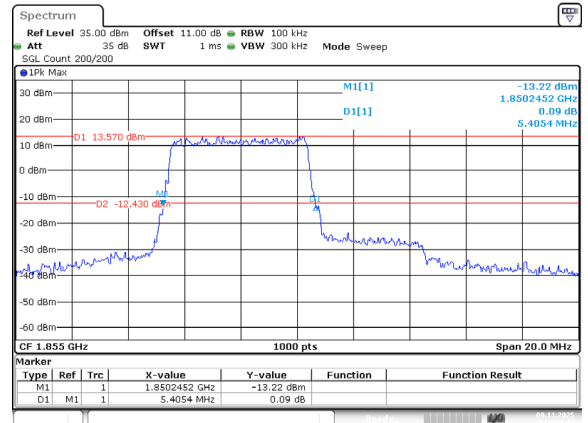
10MHz_Low_16QAM_27@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:57:00

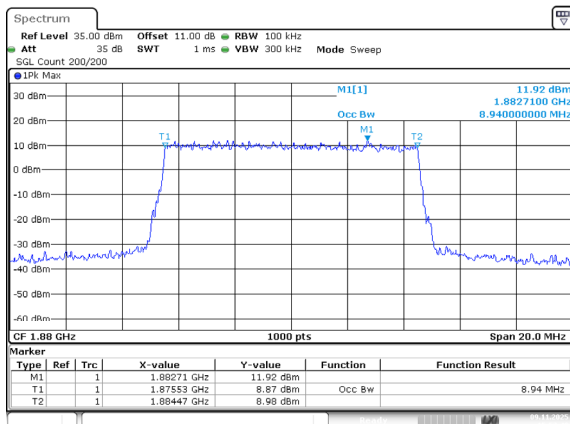
26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:57:13

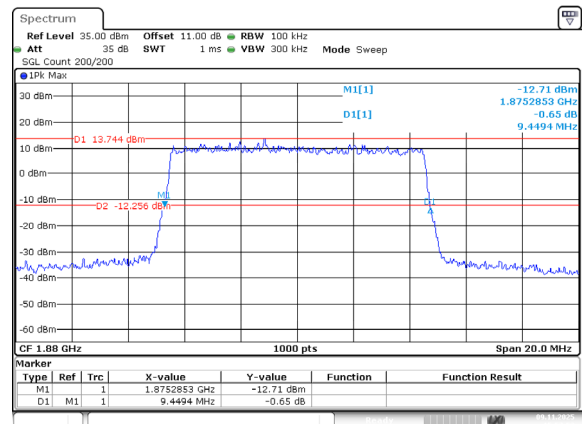
10MHz_Middle_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:57:40

26dB Bandwidth



ProjectNo.:2507Y33051E-RF Tester:Apollon Iuo
Date: 9.NOV.2025 15:57:52