

Appendix C

Test Information:

Serial No.:	2RBX-3	Test Date:	2024/09/19~2024/11/22
Test Site:	RF	Test Mode:	Transmitting
Tester:	Karl Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	21.6~27.8	Relative Humidity: (%)	36~70	ATM Pressure: (kPa)	99.7~102.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Micro-Coax	Coaxial Cable	UFB205A	323308-012	2024/01/02	2025/01/01
Minl-Clruids	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2024/02/25	2025/02/24
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15
R&S	Spectrum Analyzer	FSV40	101461	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

FCC Part 22H

B5 , TN/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-8.4	-0.010	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-17.0	-0.020	±2.5	Pass

B5 , T1/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	4.5	0.005	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-6.1	-0.007	±2.5	Pass

B5 , T2/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	9.9	0.012	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-4.8	-0.006	±2.5	Pass

B5 , T3/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-2.8	-0.003	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-16.2	-0.019	±2.5	Pass

B5 , T4/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-6.1	-0.007	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-16.2	-0.019	±2.5	Pass

B5 , T5/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	2.9	0.003	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-9.3	-0.011	±2.5	Pass

B5 , T6/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-5.0	-0.006	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-16.9	-0.020	±2.5	Pass

B5 , T7/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-0.1	0.000	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-11.9	-0.014	±2.5	Pass

B5 , T8/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	2.2	0.003	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-10.0	-0.012	±2.5	Pass

B5 , TN/VH

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-5.7	-0.007	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-16.1	-0.019	±2.5	Pass

B5 , TN/VL

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-2.0	-0.002	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-13	-0.016	±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 27

B7 , 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_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	Pass

B7 , 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_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	Pass

B7 , 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_100@0	2501.069	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	Pass

B7 , T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.069	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	Pass

B7 , T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	Pass

B7 , 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_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	Pass

B7 , 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_100@0	2501.129	2518.931	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.129	2568.991	2500 ~ 2570	Pass

B7 , 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_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	Pass

B7 , 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_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.129	2568.931	2500 ~ 2570	Pass

B7 , 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_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.991	2500 ~ 2570	Pass

B7 , TN/VL

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_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	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

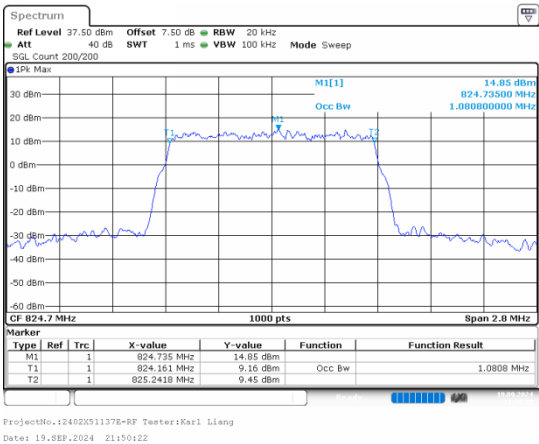
B5 , Normal

Mode	99% OBW (MHz)	EBW (MHz)
1.4MHz_Low_QPSK_6@0	1.081	1.242
1.4MHz_Low_16QAM_6@0	1.081	1.233
1.4MHz_Middle_QPSK_6@0	1.078	1.230
1.4MHz_Middle_16QAM_6@0	1.095	1.230
1.4MHz_High_QPSK_6@0	1.086	1.242
1.4MHz_High_16QAM_6@0	1.086	1.236
3MHz_Low_QPSK_15@0	2.682	2.997
3MHz_Low_16QAM_15@0	2.688	2.967
3MHz_Middle_QPSK_15@0	2.688	2.985
3MHz_Middle_16QAM_15@0	2.688	3.009
3MHz_High_QPSK_15@0	2.688	2.991
3MHz_High_16QAM_15@0	2.688	2.979
5MHz_Low_QPSK_25@0	4.480	4.915
5MHz_Low_16QAM_25@0	4.480	4.875
5MHz_Middle_QPSK_25@0	4.480	4.915
5MHz_Middle_16QAM_25@0	4.460	4.865
5MHz_High_QPSK_25@0	4.480	4.865
5MHz_High_16QAM_25@0	4.470	4.895
10MHz_Low_QPSK_50@0	8.960	9.650
10MHz_Low_16QAM_50@0	8.940	9.810
10MHz_Middle_QPSK_50@0	8.960	9.730
10MHz_Middle_16QAM_50@0	8.940	9.690
10MHz_High_QPSK_50@0	8.940	9.670
10MHz_High_16QAM_50@0	8.940	9.810

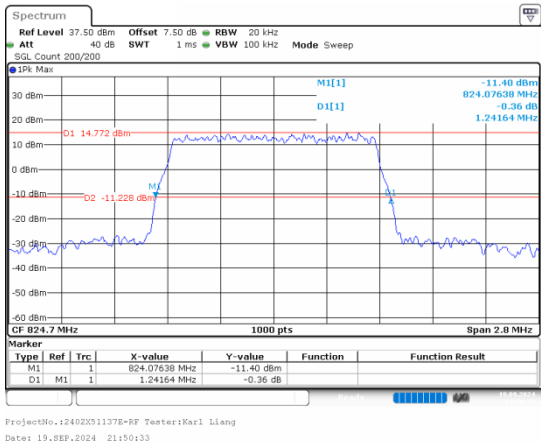
B5 , Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

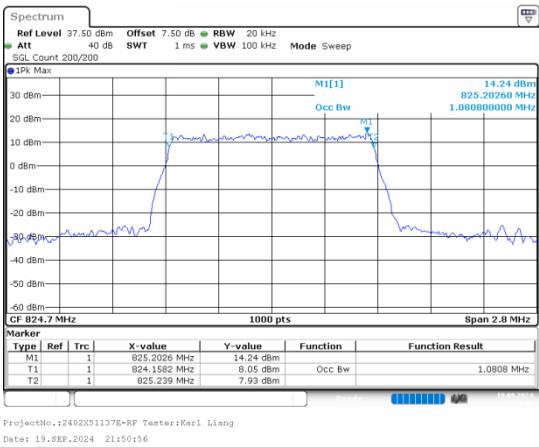


26dB Bandwidth

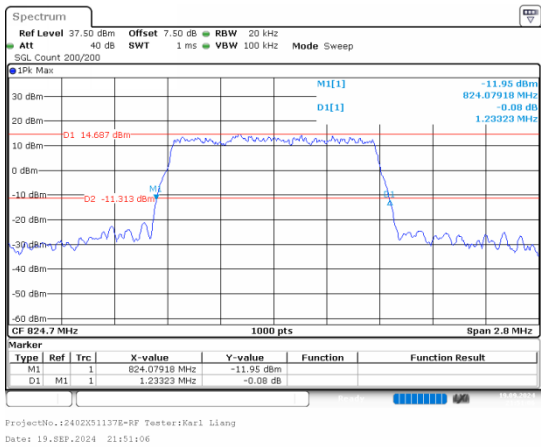


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

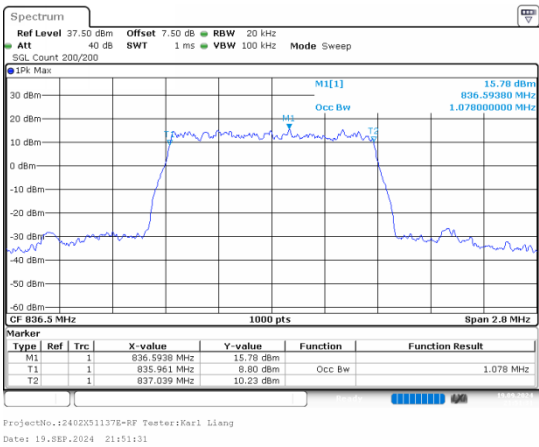


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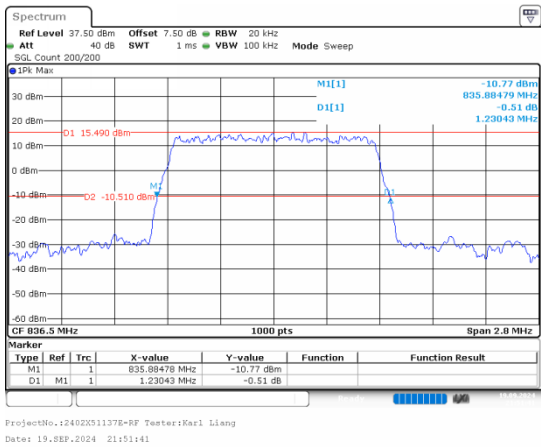


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth

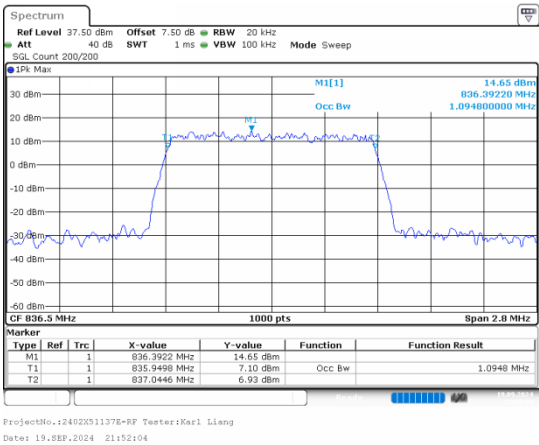


26dB Bandwidth

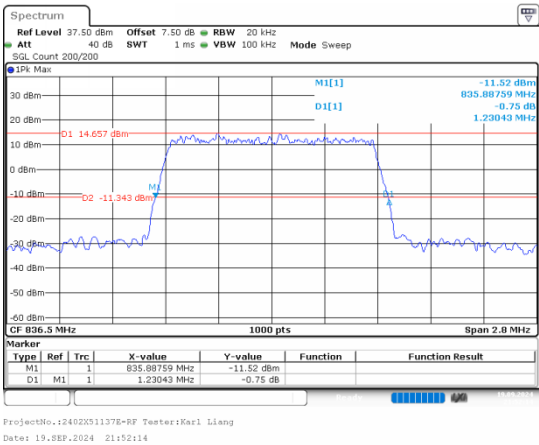


1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

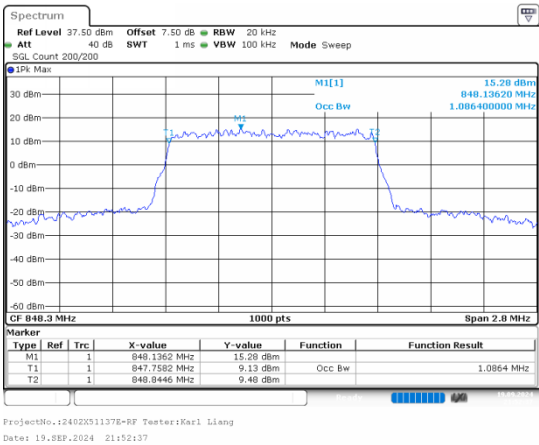


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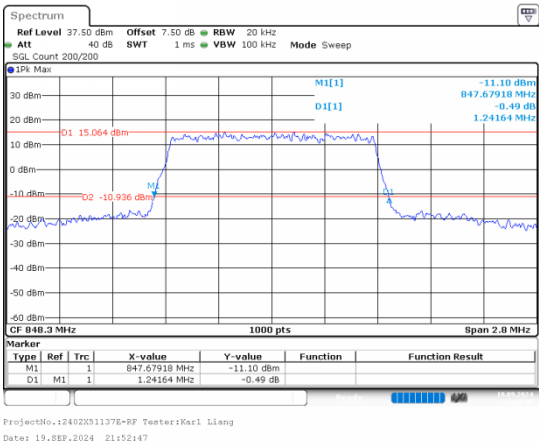


1.4MHz_High_QPSK_6@0

Occupied Bandwidth

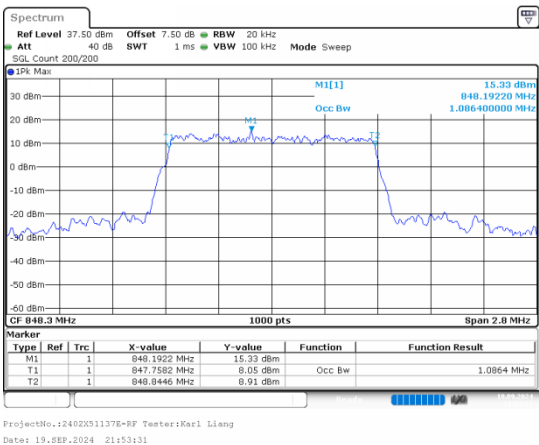


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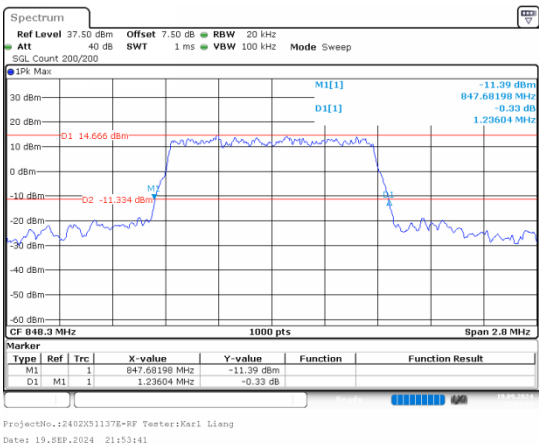


1.4MHz_High_16QAM_6@0

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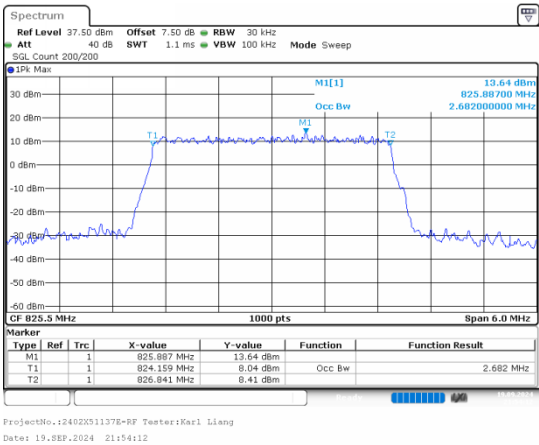


26dB Bandwidth

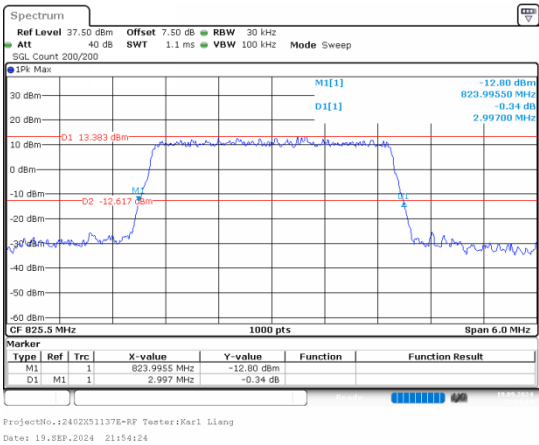


3MHz_Low_QPSK_15@0

Occupied Bandwidth

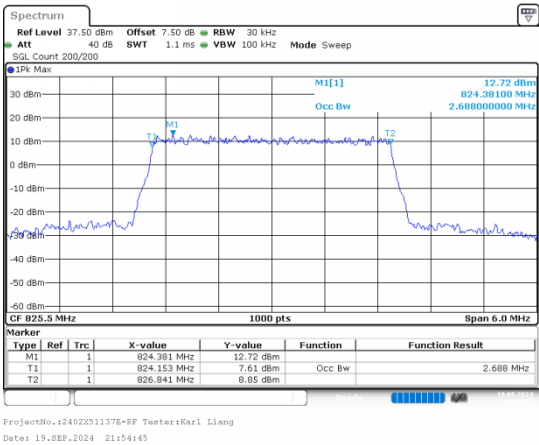


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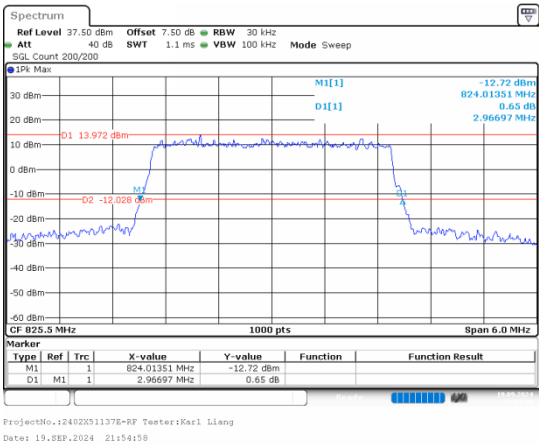


3MHz_Low_16QAM_15@0

Occupied Bandwidth

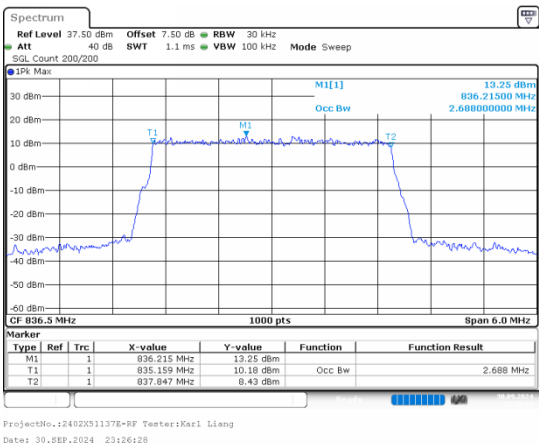


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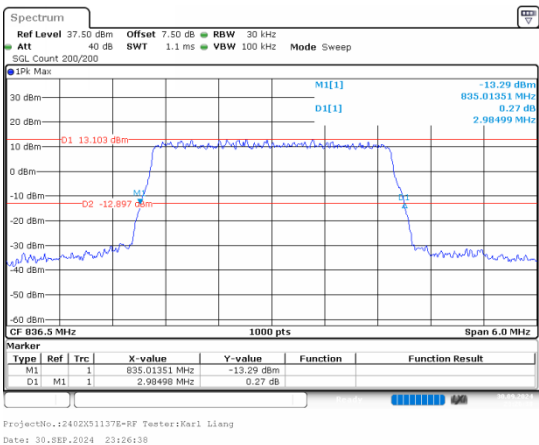


3MHz_Middle_QPSK_15@0

Occupied Bandwidth

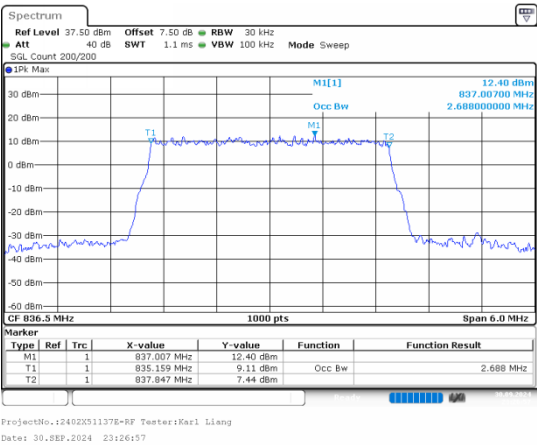


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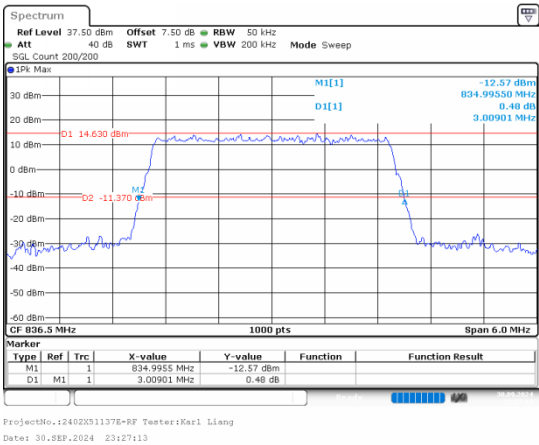


3MHz_Middle_16QAM_15@0

Occupied Bandwidth

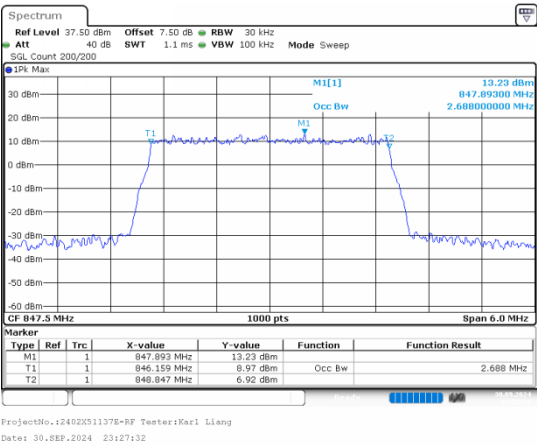


26dB Bandwidth

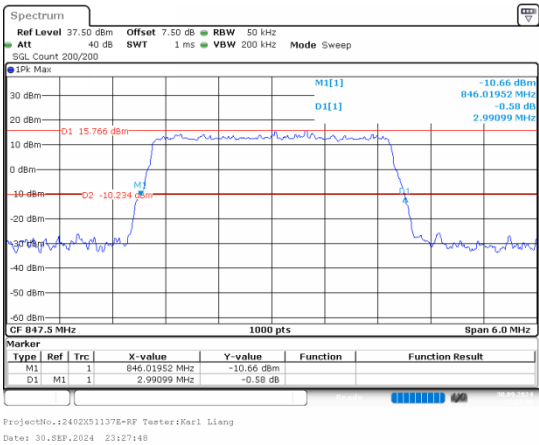


3MHz_High_QPSK_15@0

Occupied Bandwidth

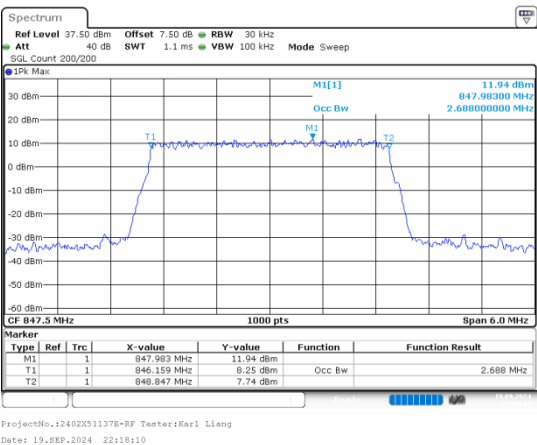


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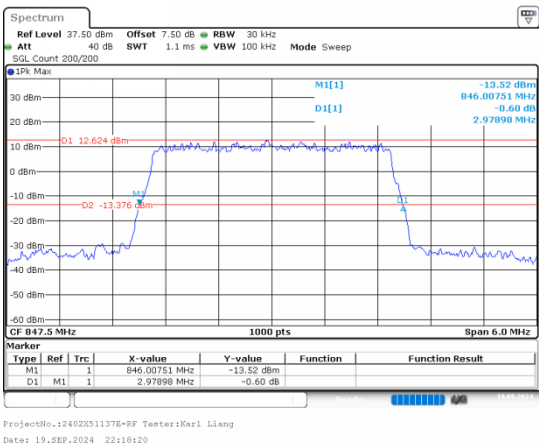


3MHz_High_16QAM_15@0

Occupied Bandwidth

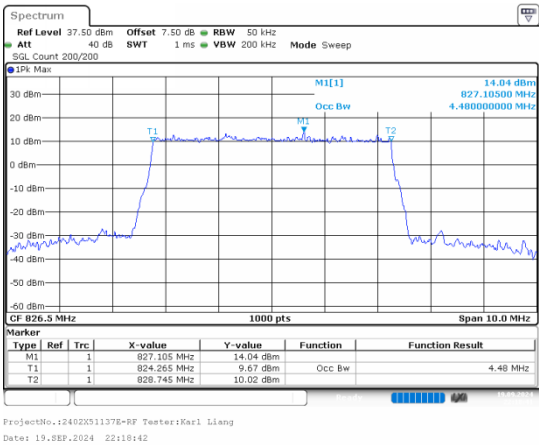


26dB Bandwidth

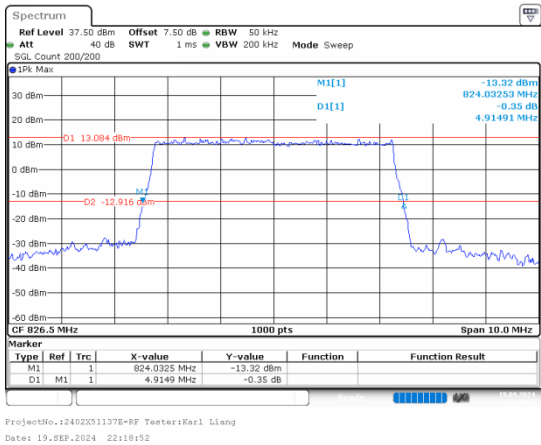


5MHz_Low_QPSK_25@0

Occupied Bandwidth

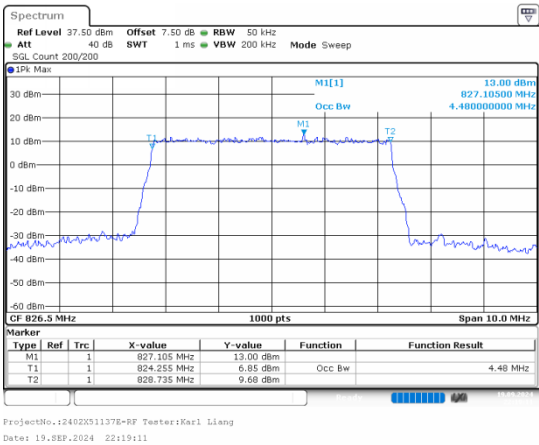


26dB Bandwidth

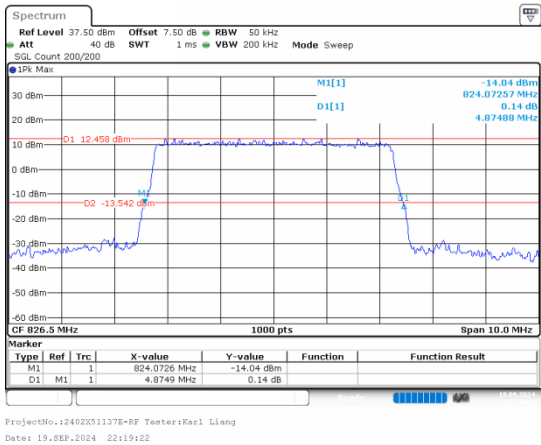


5MHz_Low_16QAM_25@0

Occupied Bandwidth

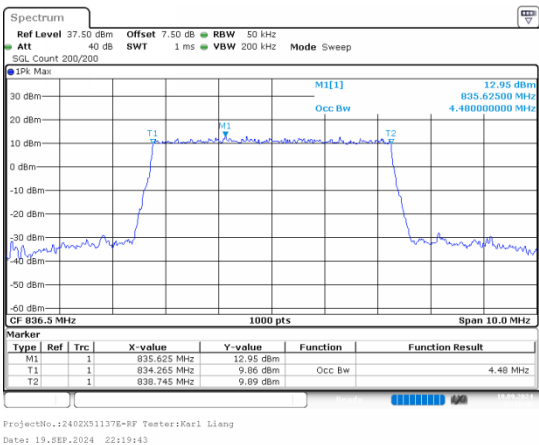


26dB Bandwidth

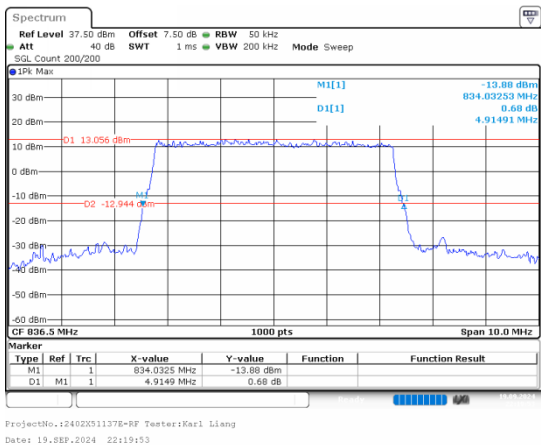


5MHz_Middle_QPSK_25@0

Occupied Bandwidth

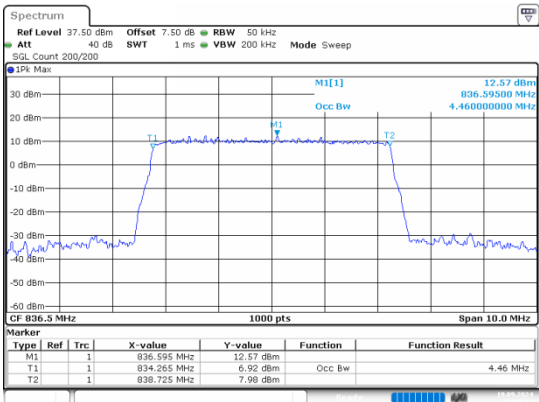


26dB Bandwidth



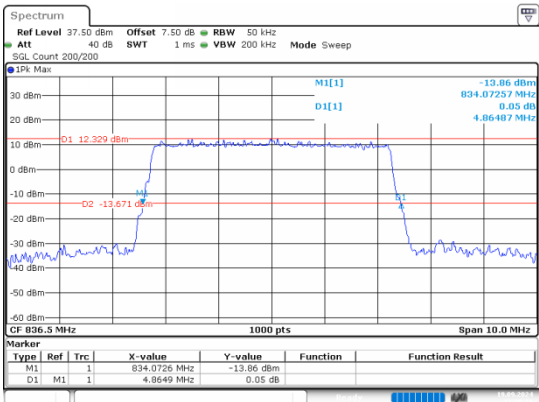
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Occupied Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 19.SEP.2024 22:20:15

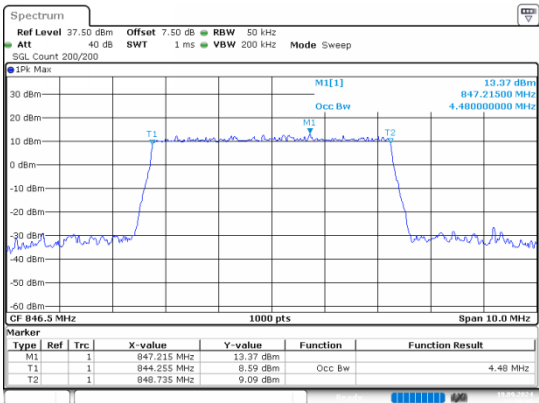
26dB Bandwidth



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Date: 19.SEP.2024 22:20:26

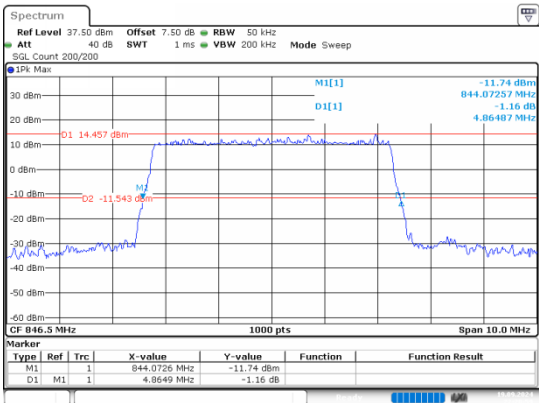
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Occupied Bandwidth



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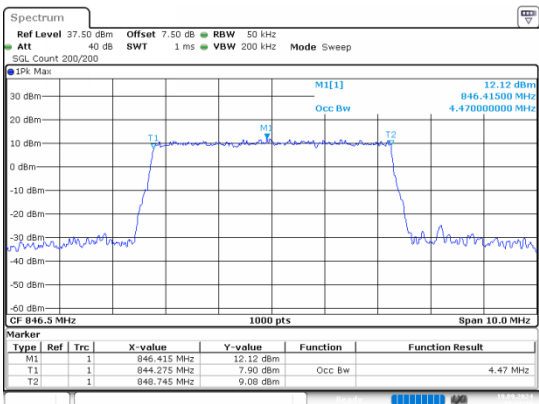
26dB Bandwidth



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Date: 19.SEP.2024 22:20:59

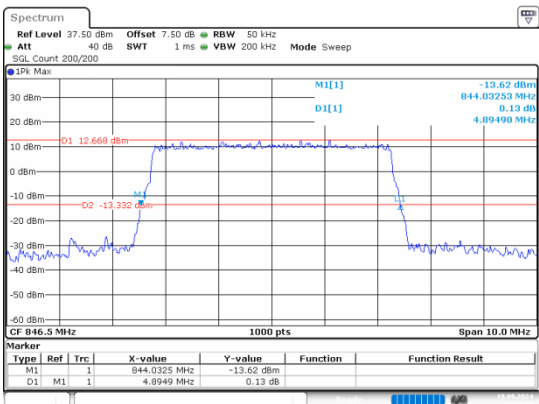
5MHz_High_16QAM_25@0

Occupied Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 19.SEP.2024 22:21:20

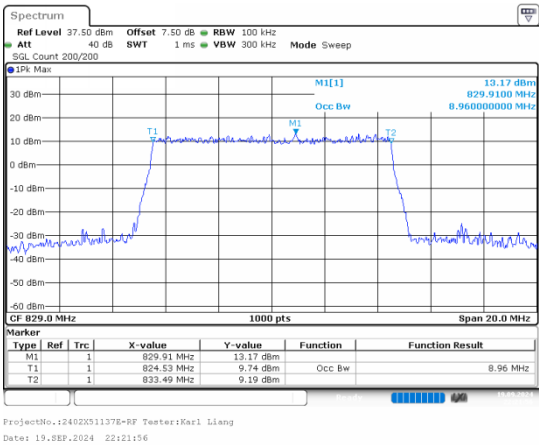
26dB Bandwidth



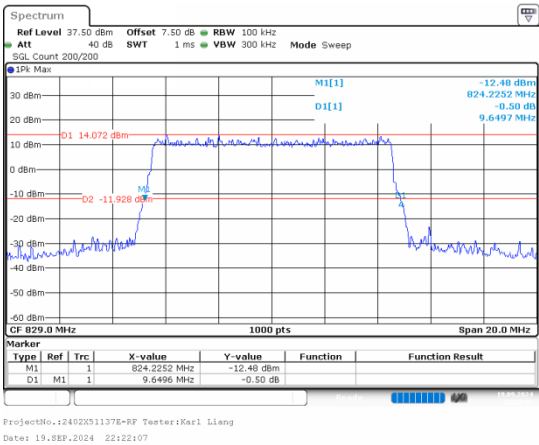
ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 19.SEP.2024 22:21:32

10MHz_Low_QPSK_50@0

Occupied Bandwidth

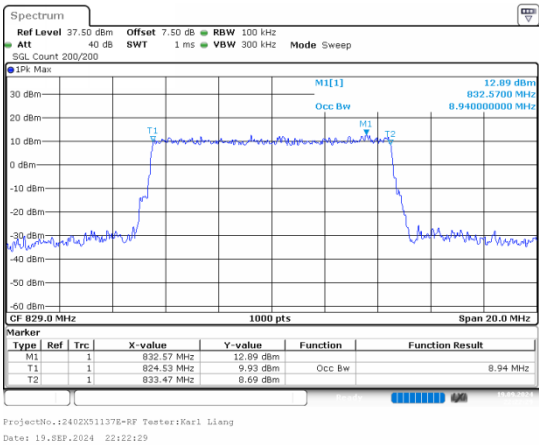


26dB Bandwidth

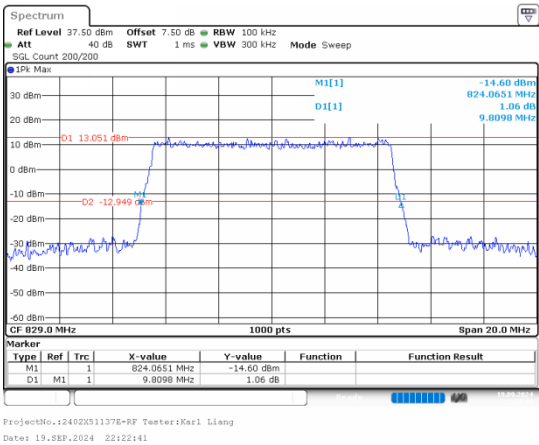


10MHz_Low_16QAM_50@0

Occupied Bandwidth

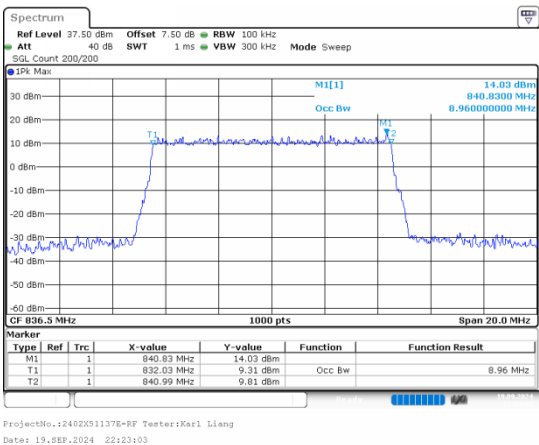


26dB Bandwidth

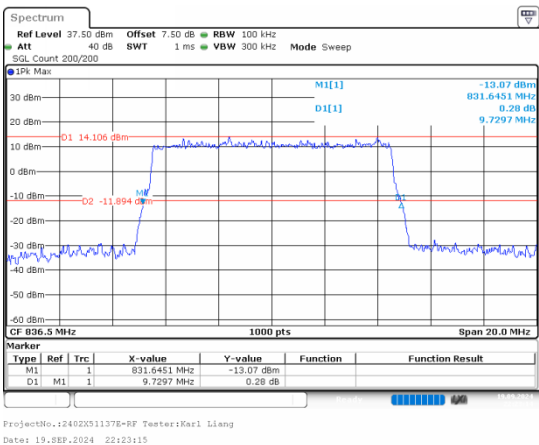


10MHz_Middle_QPSK_50@0

Occupied Bandwidth

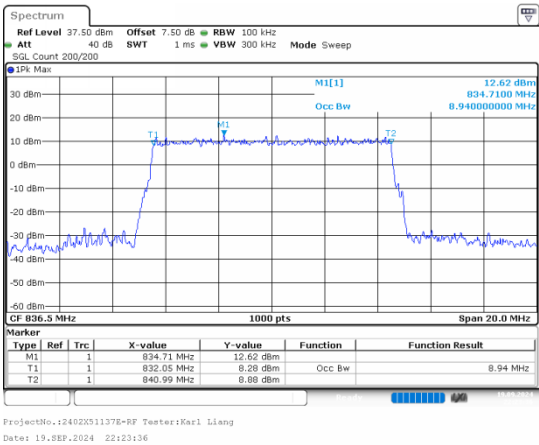


26dB Bandwidth

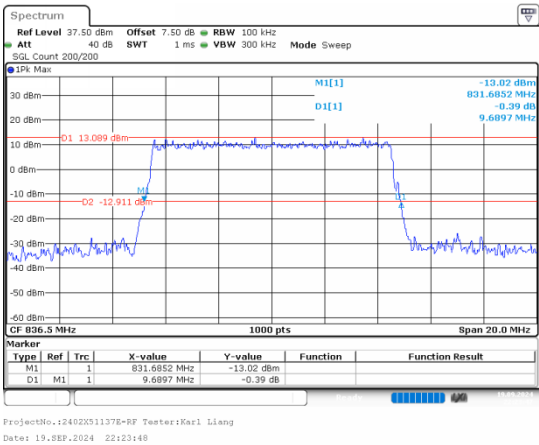


10MHz_Middle_16QAM_50@0

Occupied Bandwidth

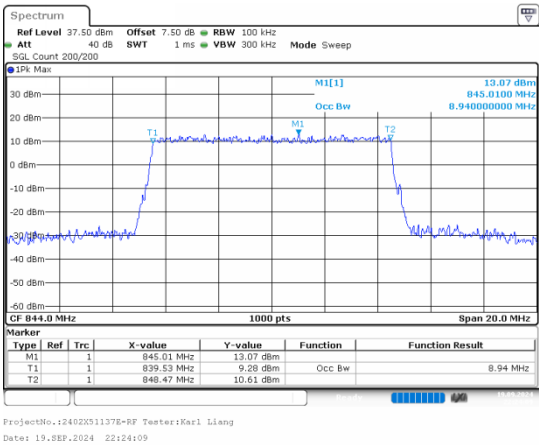


26dB Bandwidth

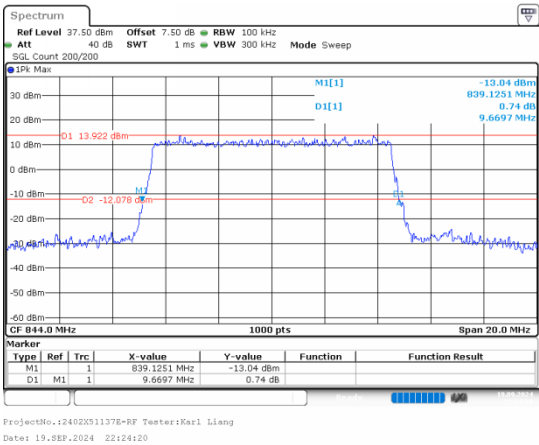


10MHz_High_QPSK_50@0

Occupied Bandwidth

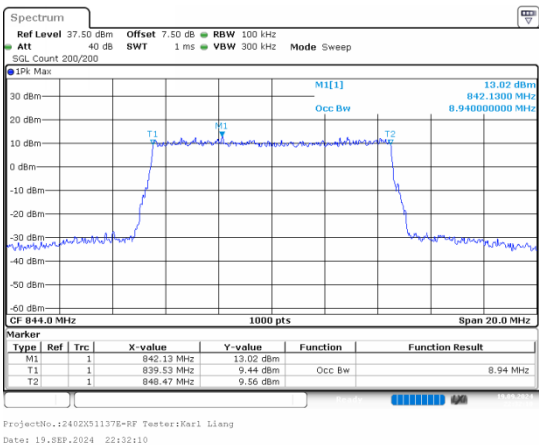


26dB Bandwidth

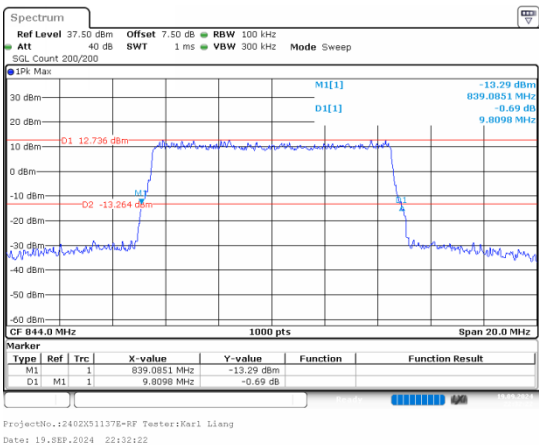


10MHz_High_16QAM_50@0

Occupied Bandwidth



26dB Bandwidth



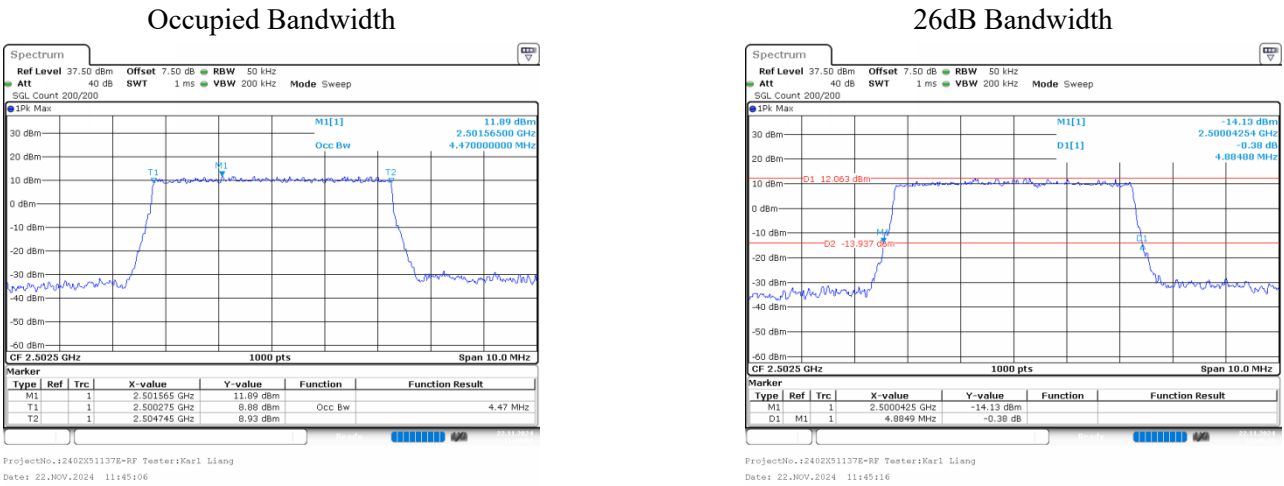
FCC Part 27

B7 , Normal

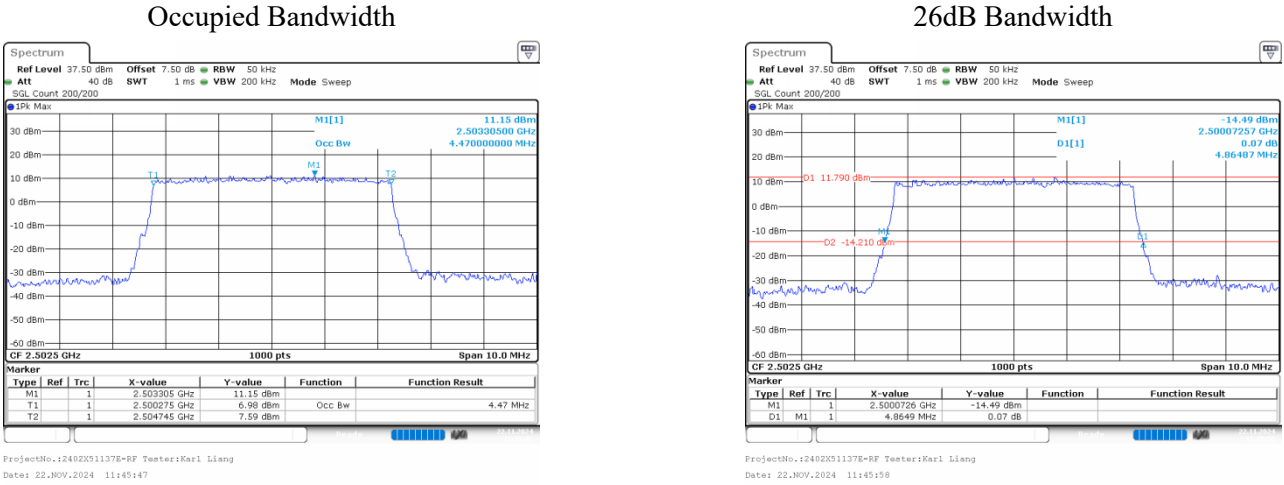
Mode	99% OBW (MHz)	EBW (MHz)
5MHz_Low_QPSK_25@0	4.470	4.885
5MHz_Low_16QAM_25@0	4.470	4.865
5MHz_Middle_QPSK_25@0	4.480	4.875
5MHz_Middle_16QAM_25@0	4.470	4.855
5MHz_High_QPSK_25@0	4.470	4.905
5MHz_High_16QAM_25@0	4.460	4.905
10MHz_Low_QPSK_50@0	8.900	9.710
10MHz_Low_16QAM_50@0	8.920	9.710
10MHz_Middle_QPSK_50@0	8.920	9.610
10MHz_Middle_16QAM_50@0	8.920	9.710
10MHz_High_QPSK_50@0	8.940	9.630
10MHz_High_16QAM_50@0	8.920	9.630
15MHz_Low_QPSK_75@0	13.380	14.505
15MHz_Low_16QAM_75@0	13.410	14.414
15MHz_Middle_QPSK_75@0	13.410	14.595
15MHz_Middle_16QAM_75@0	13.380	14.535
15MHz_High_QPSK_75@0	13.410	14.505
15MHz_High_16QAM_75@0	13.410	14.475
20MHz_Low_QPSK_100@0	17.840	18.979
20MHz_Low_16QAM_100@0	17.800	19.019
20MHz_Middle_QPSK_100@0	17.840	19.059
20MHz_Middle_16QAM_100@0	17.840	19.019
20MHz_High_QPSK_100@0	17.880	18.899
20MHz_High_16QAM_100@0	17.840	19.059

B7 , Normal

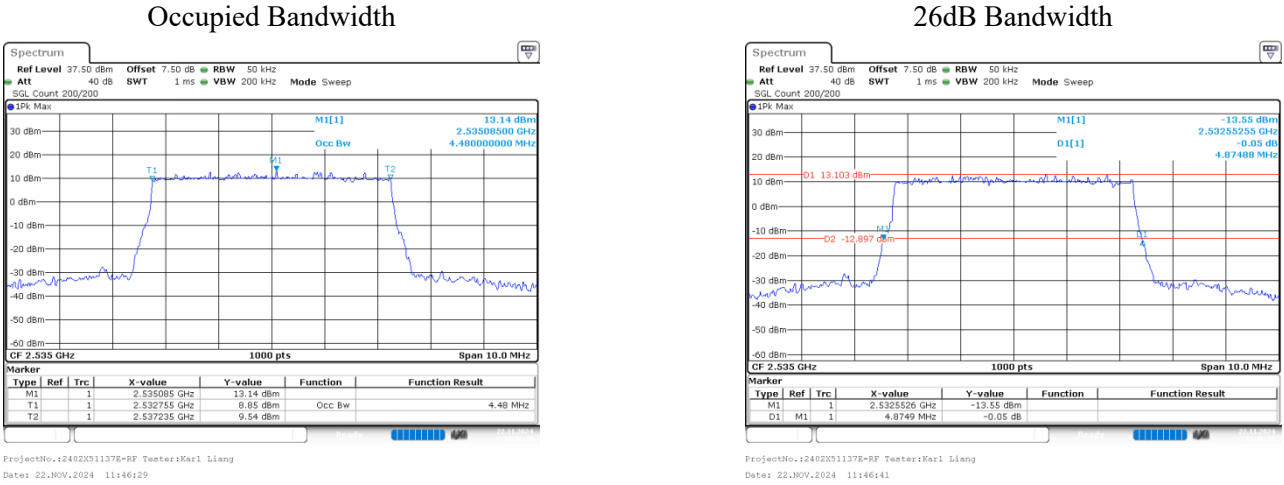
5MHz_Low_QPSK_25@0



5MHz_Low_16QAM_25@0

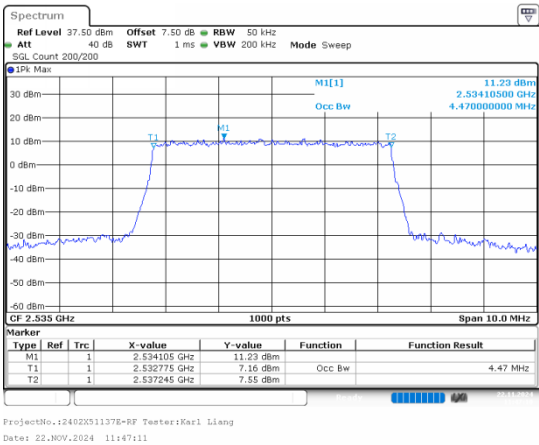


5MHz_Middle_QPSK_25@0

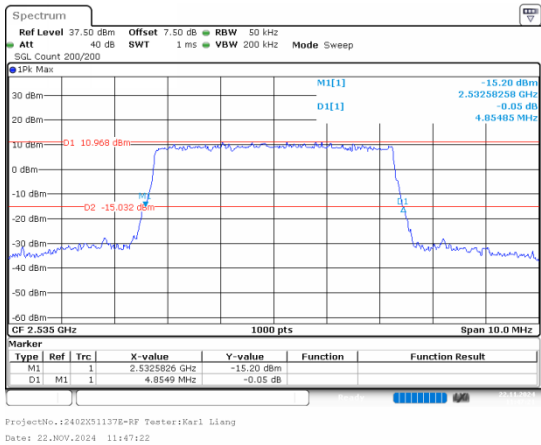


5MHz_Middle_16QAM_25@0

Occupied Bandwidth

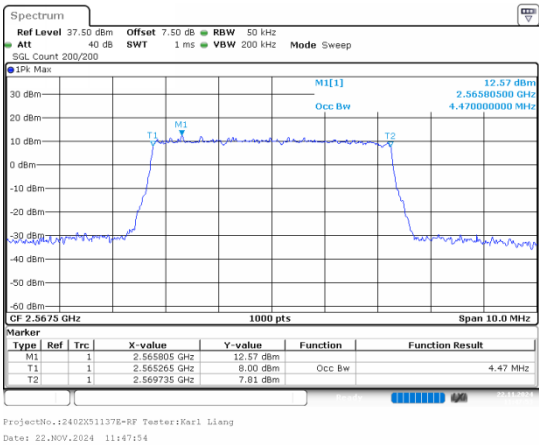


26dB Bandwidth

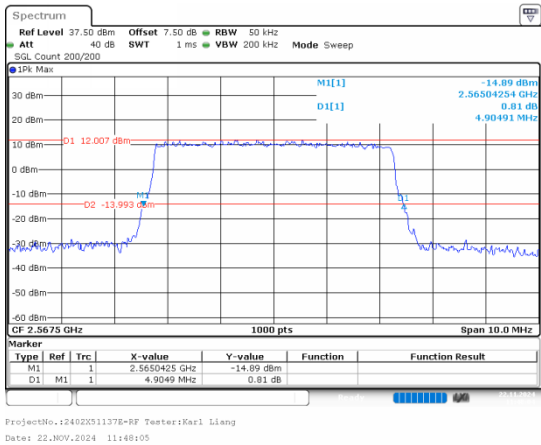


5MHz_High_QPSK_25@0

Occupied Bandwidth

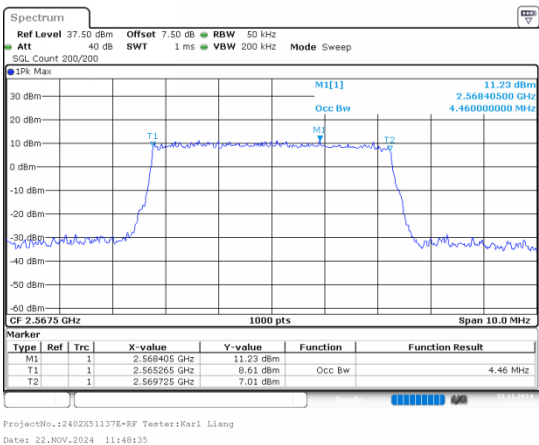


26dB Bandwidth

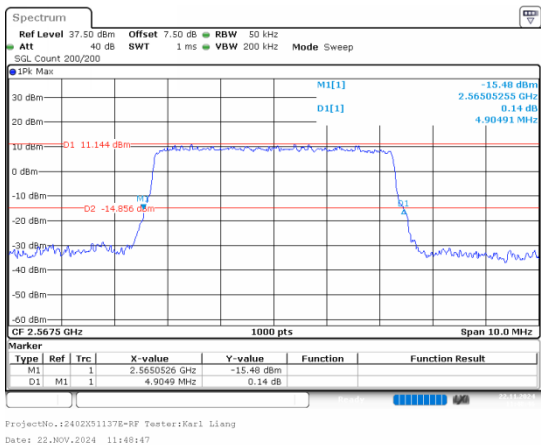


5MHz_High_16QAM_25@0

Occupied Bandwidth

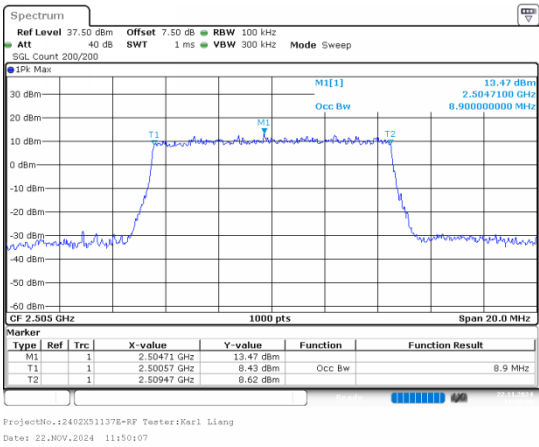


26dB Bandwidth

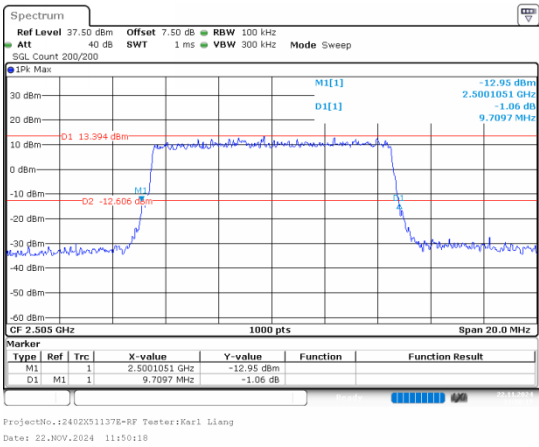


10MHz_Low_QPSK_50@0

Occupied Bandwidth

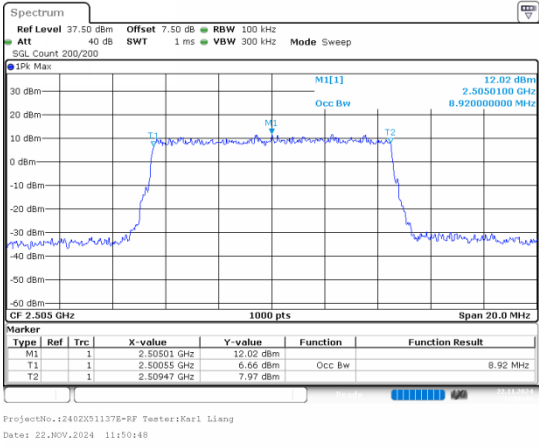


26dB Bandwidth

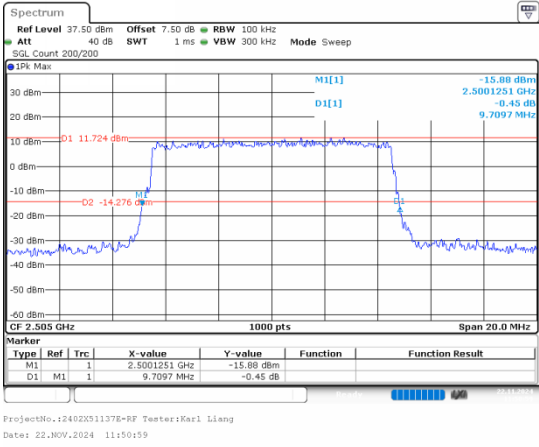


10MHz_Low_16QAM_50@0

Occupied Bandwidth

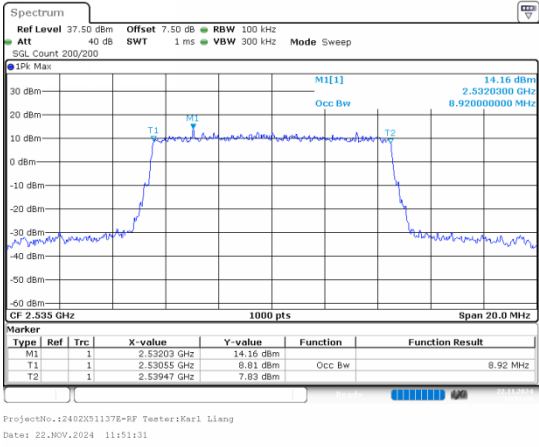


26dB Bandwidth

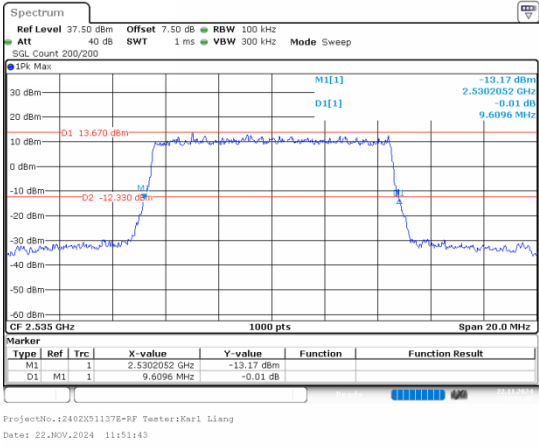


10MHz_Middle_QPSK_50@0

Occupied Bandwidth

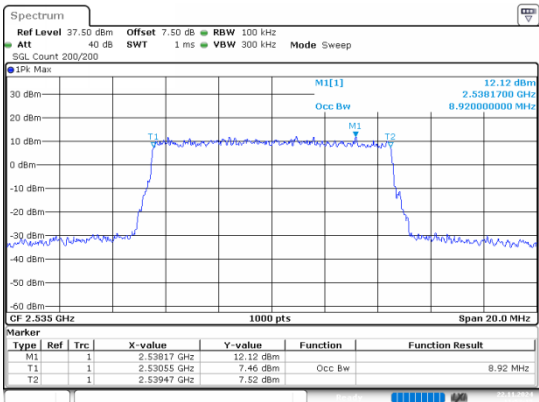


26dB Bandwidth



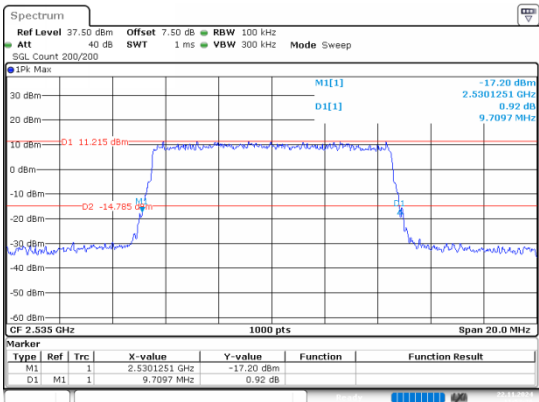
10MHz_Middle_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 11:52:15

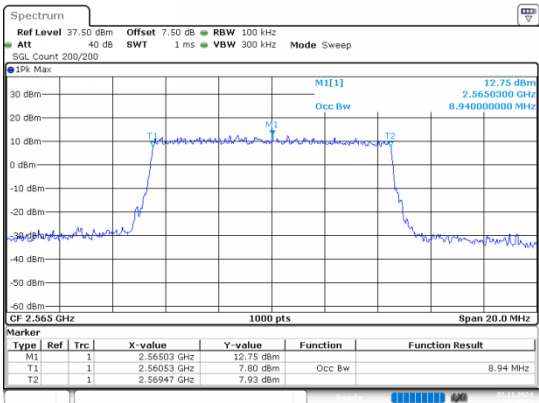
26dB Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 11:52:27

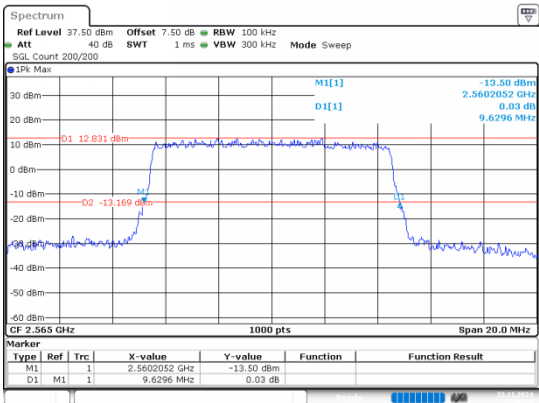
10MHz_High_QPSK_50@0

Occupied Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 12:00:24

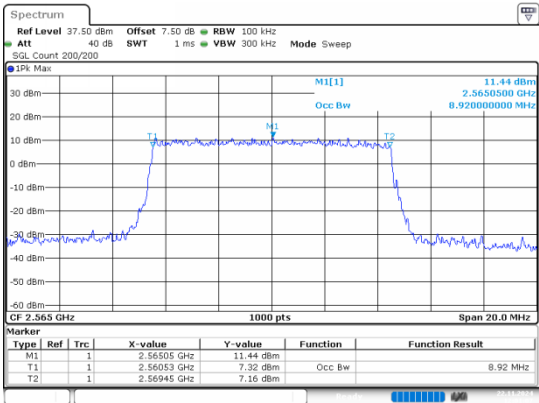
26dB Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 12:00:36

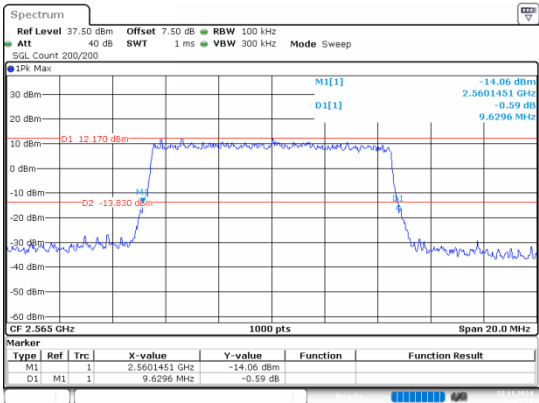
10MHz_High_16QAM_50@0

Occupied Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 12:01:06

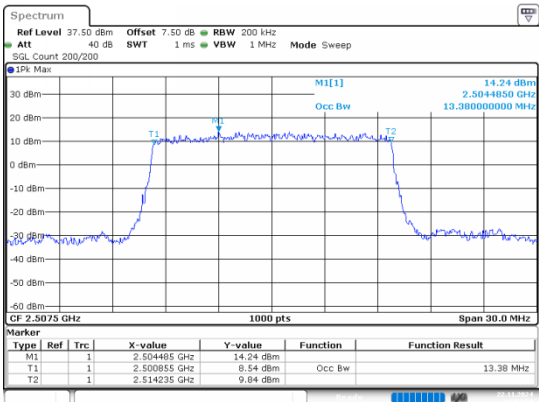
26dB Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 12:01:18

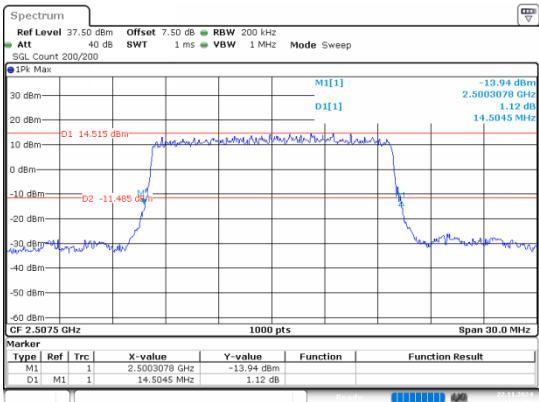
15MHz_Low_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 12:04:50

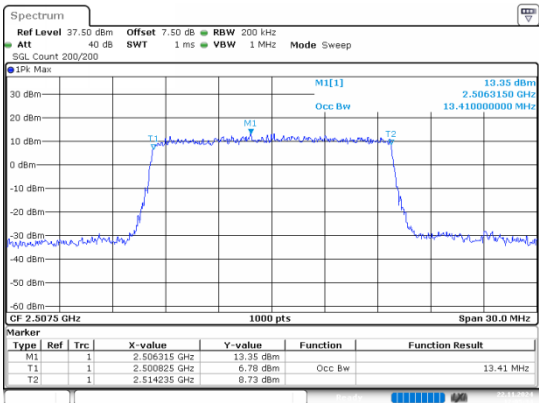
26dB Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 12:05:01

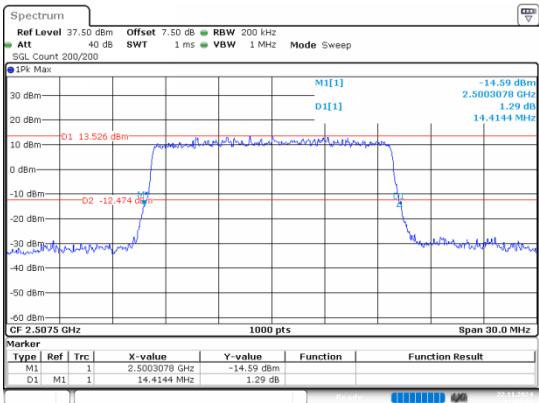
15MHz_Low_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 12:05:34

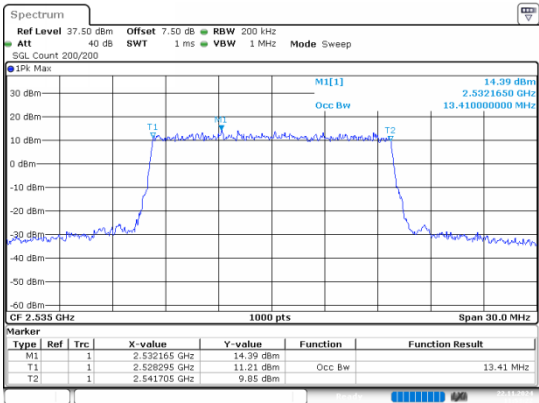
26dB Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 12:05:46

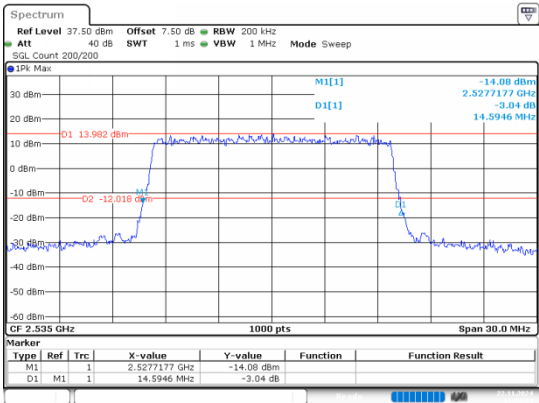
15MHz_Middle_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 11:53:23

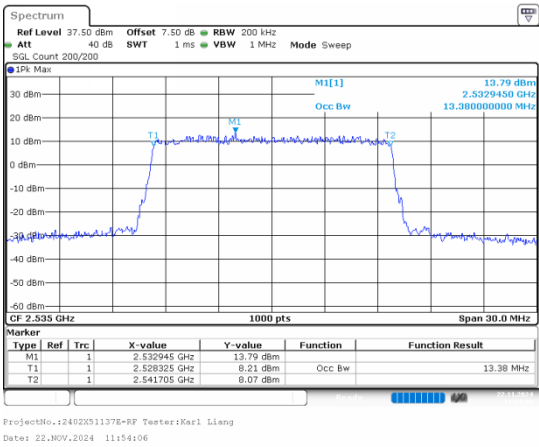
26dB Bandwidth



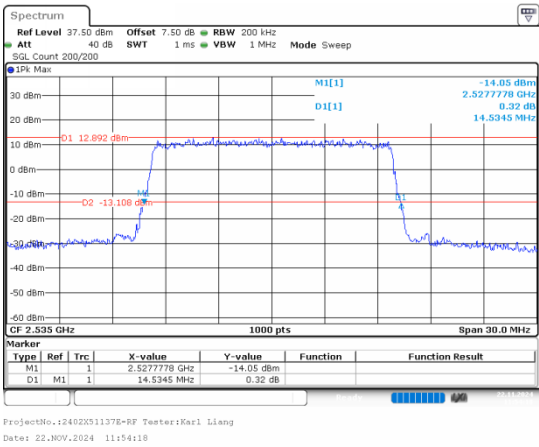
ProjectNo.:2402X51137E-RF Tester:Karl Liang
Date: 22.NOV.2024 11:53:34

15MHz_Middle_16QAM_75@0

Occupied Bandwidth

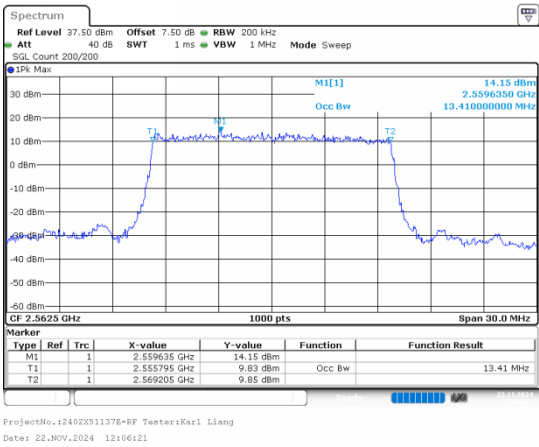


26dB Bandwidth

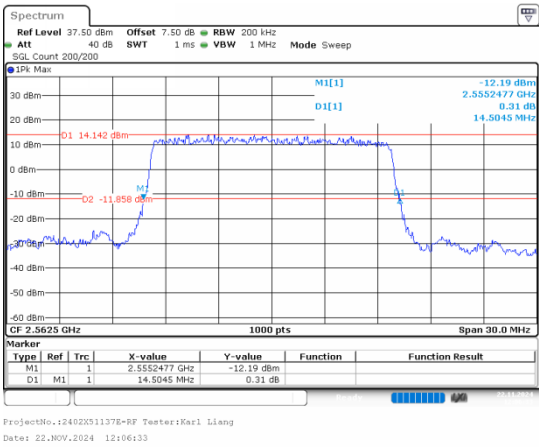


15MHz_High_QPSK_75@0

Occupied Bandwidth

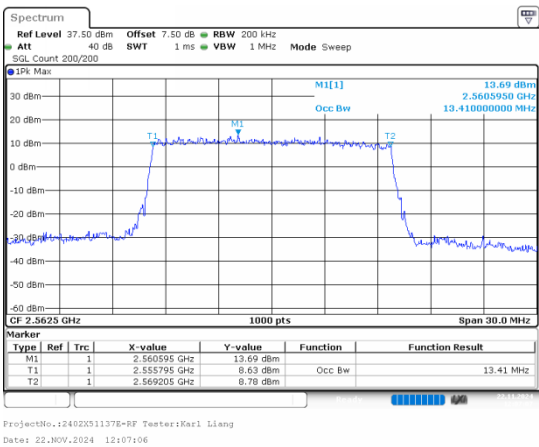


26dB Bandwidth

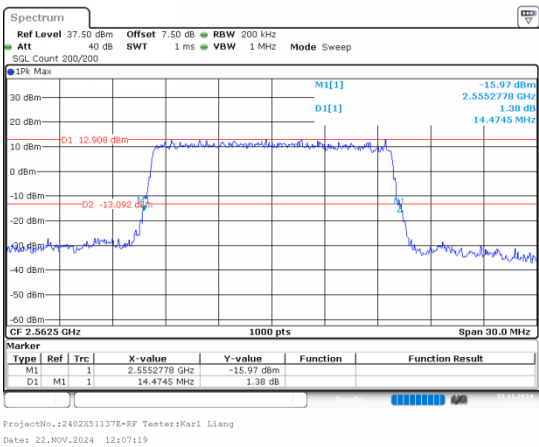


15MHz_High_16QAM_75@0

Occupied Bandwidth

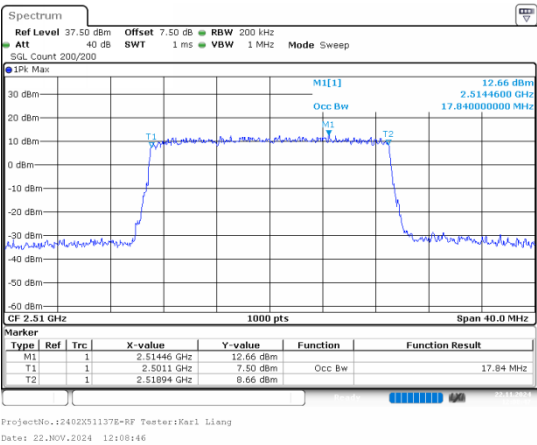


26dB Bandwidth

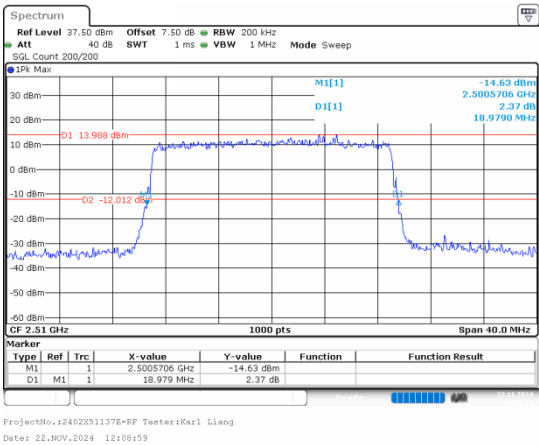


20MHz_Low_QPSK_100@0

Occupied Bandwidth

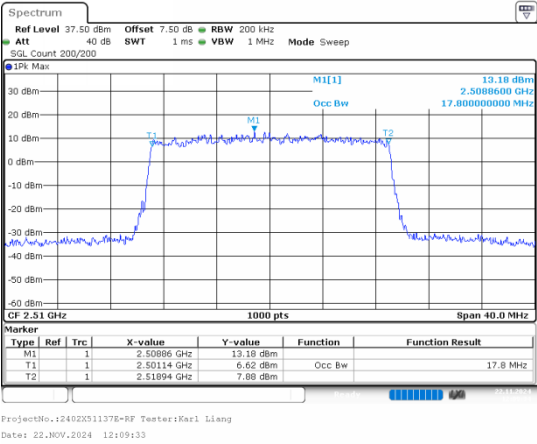


26dB Bandwidth

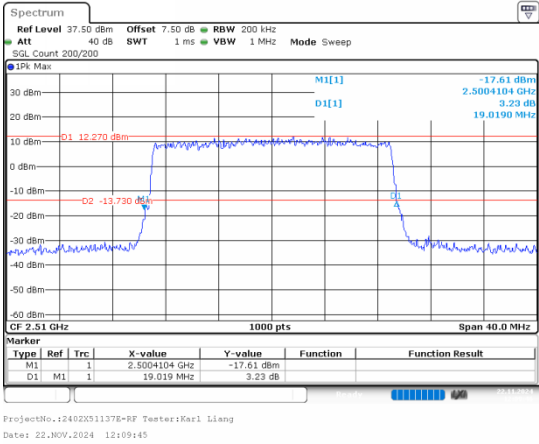


20MHz_Low_16QAM_100@0

Occupied Bandwidth

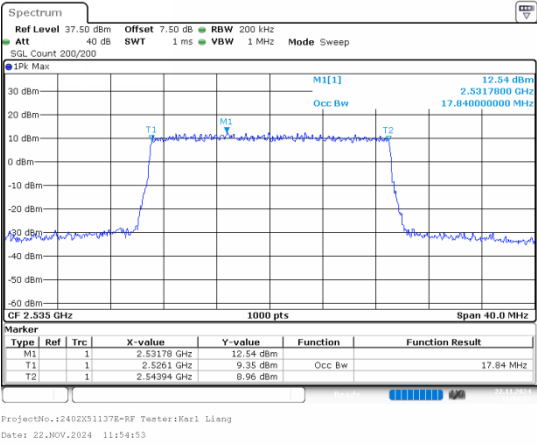


26dB Bandwidth

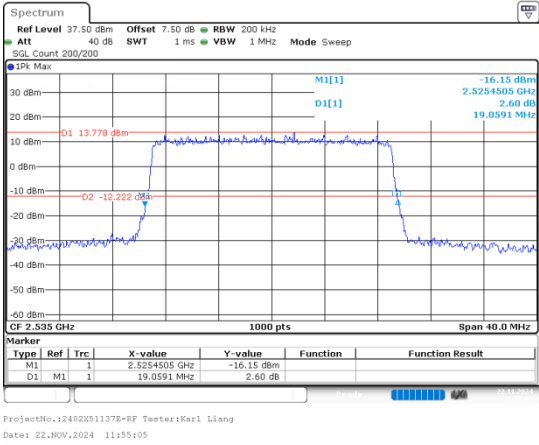


20MHz_Middle_QPSK_100@0

Occupied Bandwidth

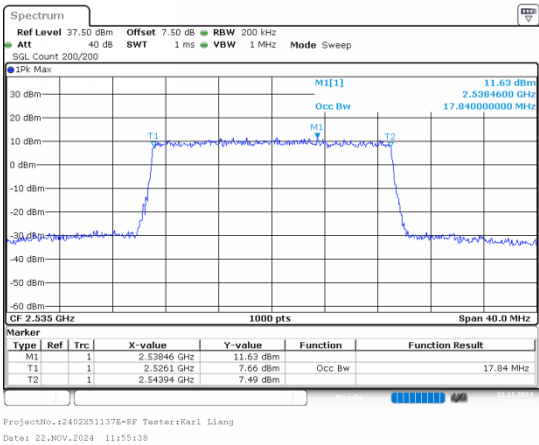


26dB Bandwidth

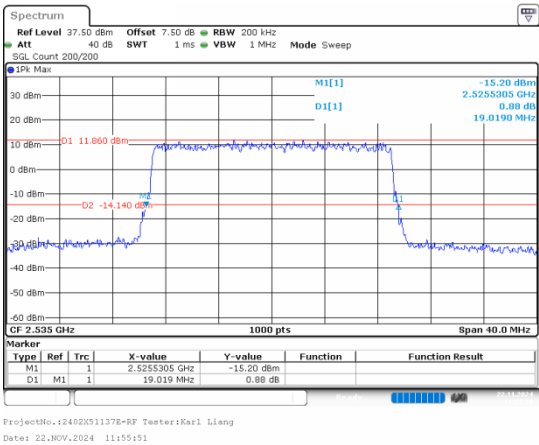


20MHz_Middle_16QAM_100@0

Occupied Bandwidth

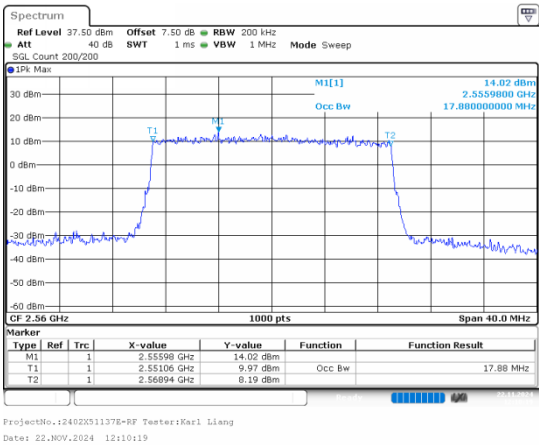


26dB Bandwidth

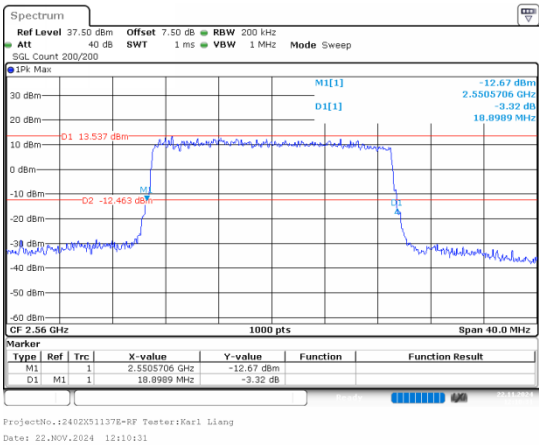


20MHz_High_QPSK_100@0

Occupied Bandwidth

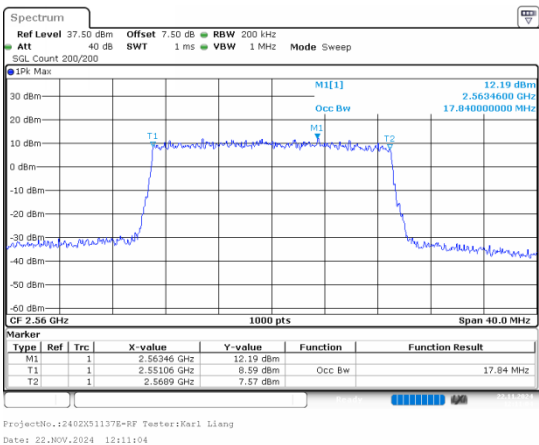


26dB Bandwidth

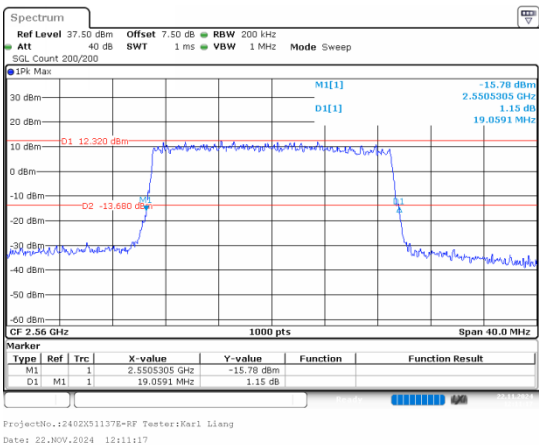


20MHz_High_16QAM_100@0

Occupied Bandwidth



26dB Bandwidth



RF Output Power

FCC Part 22H

B5 , Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	23.05	13.00	0.020	7	Pass
1.4MHz_Low_QPSK_1@3	23.03	12.98	0.020	7	Pass
1.4MHz_Low_QPSK_1@5	23.06	13.01	0.020	7	Pass
1.4MHz_Low_QPSK_3@0	23.03	12.98	0.020	7	Pass
1.4MHz_Low_QPSK_3@1	23.06	13.01	0.020	7	Pass
1.4MHz_Low_QPSK_3@3	22.92	12.87	0.019	7	Pass
1.4MHz_Low_QPSK_6@0	21.97	11.92	0.016	7	Pass
1.4MHz_Low_16QAM_1@0	22.18	12.13	0.016	7	Pass
1.4MHz_Low_16QAM_1@3	22.19	12.14	0.016	7	Pass
1.4MHz_Low_16QAM_1@5	22.19	12.14	0.016	7	Pass
1.4MHz_Low_16QAM_3@0	21.98	11.93	0.016	7	Pass
1.4MHz_Low_16QAM_3@1	21.95	11.90	0.015	7	Pass
1.4MHz_Low_16QAM_3@3	21.94	11.89	0.015	7	Pass
1.4MHz_Low_16QAM_6@0	21.29	11.24	0.013	7	Pass
1.4MHz_Middle_QPSK_1@0	23.09	13.04	0.020	7	Pass
1.4MHz_Middle_QPSK_1@3	23.10	13.05	0.020	7	Pass
1.4MHz_Middle_QPSK_1@5	23.15	13.10	0.020	7	Pass
1.4MHz_Middle_QPSK_3@0	23.05	13.00	0.020	7	Pass
1.4MHz_Middle_QPSK_3@1	23.02	12.97	0.020	7	Pass
1.4MHz_Middle_QPSK_3@3	23.09	13.04	0.020	7	Pass
1.4MHz_Middle_QPSK_6@0	22.08	12.03	0.016	7	Pass
1.4MHz_Middle_16QAM_1@0	22.79	12.74	0.019	7	Pass
1.4MHz_Middle_16QAM_1@3	22.90	12.85	0.019	7	Pass
1.4MHz_Middle_16QAM_1@5	22.87	12.82	0.019	7	Pass
1.4MHz_Middle_16QAM_3@0	22.23	12.18	0.017	7	Pass
1.4MHz_Middle_16QAM_3@1	22.25	12.20	0.017	7	Pass
1.4MHz_Middle_16QAM_3@3	22.15	12.10	0.016	7	Pass
1.4MHz_Middle_16QAM_6@0	20.76	10.71	0.012	7	Pass
1.4MHz_High_QPSK_1@0	22.96	12.91	0.020	7	Pass
1.4MHz_High_QPSK_1@3	22.92	12.87	0.019	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	22.99	12.94	0.020	7	Pass
1.4MHz_High_QPSK_3@0	22.88	12.83	0.019	7	Pass
1.4MHz_High_QPSK_3@1	22.95	12.90	0.019	7	Pass
1.4MHz_High_QPSK_3@3	22.93	12.88	0.019	7	Pass
1.4MHz_High_QPSK_6@0	22.31	12.26	0.017	7	Pass
1.4MHz_High_16QAM_1@0	22.80	12.75	0.019	7	Pass
1.4MHz_High_16QAM_1@3	23.23	13.18	0.021	7	Pass
1.4MHz_High_16QAM_1@5	22.93	12.88	0.019	7	Pass
1.4MHz_High_16QAM_3@0	22.32	12.27	0.017	7	Pass
1.4MHz_High_16QAM_3@1	22.69	12.64	0.018	7	Pass
1.4MHz_High_16QAM_3@3	22.68	12.63	0.018	7	Pass
1.4MHz_High_16QAM_6@0	21.63	11.58	0.014	7	Pass
3MHz_Low_QPSK_1@0	23.15	13.10	0.020	7	Pass
3MHz_Low_QPSK_1@14	23.02	12.97	0.020	7	Pass
3MHz_Low_QPSK_1@8	23.13	13.08	0.020	7	Pass
3MHz_Low_QPSK_15@0	21.94	11.89	0.015	7	Pass
3MHz_Low_QPSK_8@0	22.05	12.00	0.016	7	Pass
3MHz_Low_QPSK_8@4	21.97	11.92	0.016	7	Pass
3MHz_Low_QPSK_8@7	22.05	12.00	0.016	7	Pass
3MHz_Low_16QAM_1@0	22.25	12.20	0.017	7	Pass
3MHz_Low_16QAM_1@14	22.21	12.16	0.016	7	Pass
3MHz_Low_16QAM_1@8	22.24	12.19	0.017	7	Pass
3MHz_Low_16QAM_15@0	21.35	11.30	0.013	7	Pass
3MHz_Low_16QAM_8@0	21.51	11.46	0.014	7	Pass
3MHz_Low_16QAM_8@4	21.43	11.38	0.014	7	Pass
3MHz_Low_16QAM_8@7	21.45	11.40	0.014	7	Pass
3MHz_Middle_QPSK_1@0	23.29	13.24	0.021	7	Pass
3MHz_Middle_QPSK_1@14	23.14	13.09	0.020	7	Pass
3MHz_Middle_QPSK_1@8	23.08	13.03	0.020	7	Pass
3MHz_Middle_QPSK_15@0	22.13	12.08	0.016	7	Pass
3MHz_Middle_QPSK_8@0	22.08	12.03	0.016	7	Pass
3MHz_Middle_QPSK_8@4	21.97	11.92	0.016	7	Pass
3MHz_Middle_QPSK_8@7	22.03	11.98	0.016	7	Pass
3MHz_Middle_16QAM_1@0	22.48	12.43	0.017	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@14	22.59	12.54	0.018	7	Pass
3MHz_Middle_16QAM_1@8	22.56	12.51	0.018	7	Pass
3MHz_Middle_16QAM_15@0	20.95	10.90	0.012	7	Pass
3MHz_Middle_16QAM_8@0	21.05	11.00	0.013	7	Pass
3MHz_Middle_16QAM_8@4	21.03	10.98	0.013	7	Pass
3MHz_Middle_16QAM_8@7	21	10.95	0.012	7	Pass
3MHz_High_QPSK_1@0	23.08	13.03	0.020	7	Pass
3MHz_High_QPSK_1@14	22.94	12.89	0.019	7	Pass
3MHz_High_QPSK_1@8	22.97	12.92	0.020	7	Pass
3MHz_High_QPSK_15@0	21.94	11.89	0.015	7	Pass
3MHz_High_QPSK_8@0	21.97	11.92	0.016	7	Pass
3MHz_High_QPSK_8@4	21.97	11.92	0.016	7	Pass
3MHz_High_QPSK_8@7	22.37	12.32	0.017	7	Pass
3MHz_High_16QAM_1@0	22.66	12.61	0.018	7	Pass
3MHz_High_16QAM_1@14	23.06	13.01	0.020	7	Pass
3MHz_High_16QAM_1@8	22.65	12.60	0.018	7	Pass
3MHz_High_16QAM_15@0	21.06	11.01	0.013	7	Pass
3MHz_High_16QAM_8@0	21.24	11.19	0.013	7	Pass
3MHz_High_16QAM_8@4	21.21	11.16	0.013	7	Pass
3MHz_High_16QAM_8@7	21.71	11.66	0.015	7	Pass
5MHz_Low_QPSK_1@0	23.15	13.10	0.020	7	Pass
5MHz_Low_QPSK_1@12	23.04	12.99	0.020	7	Pass
5MHz_Low_QPSK_1@24	23.05	13.00	0.020	7	Pass
5MHz_Low_QPSK_12@0	22	11.95	0.016	7	Pass
5MHz_Low_QPSK_12@13	22.03	11.98	0.016	7	Pass
5MHz_Low_QPSK_12@7	21.94	11.89	0.015	7	Pass
5MHz_Low_QPSK_25@0	22.06	12.01	0.016	7	Pass
5MHz_Low_16QAM_1@0	22.43	12.38	0.017	7	Pass
5MHz_Low_16QAM_1@12	22.35	12.30	0.017	7	Pass
5MHz_Low_16QAM_1@24	22.44	12.39	0.017	7	Pass
5MHz_Low_16QAM_12@0	21.37	11.32	0.014	7	Pass
5MHz_Low_16QAM_12@13	21.36	11.31	0.014	7	Pass
5MHz_Low_16QAM_12@7	21.47	11.42	0.014	7	Pass
5MHz_Low_16QAM_25@0	21.55	11.50	0.014	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	22.82	12.77	0.019	7	Pass
5MHz_Middle_QPSK_1@12	22.74	12.69	0.019	7	Pass
5MHz_Middle_QPSK_1@24	22.78	12.73	0.019	7	Pass
5MHz_Middle_QPSK_12@0	22.07	12.02	0.016	7	Pass
5MHz_Middle_QPSK_12@13	21.97	11.92	0.016	7	Pass
5MHz_Middle_QPSK_12@7	22.02	11.97	0.016	7	Pass
5MHz_Middle_QPSK_25@0	22.11	12.06	0.016	7	Pass
5MHz_Middle_16QAM_1@0	21.73	11.68	0.015	7	Pass
5MHz_Middle_16QAM_1@12	21.95	11.90	0.015	7	Pass
5MHz_Middle_16QAM_1@24	21.77	11.72	0.015	7	Pass
5MHz_Middle_16QAM_12@0	21.10	11.05	0.013	7	Pass
5MHz_Middle_16QAM_12@13	21.06	11.01	0.013	7	Pass
5MHz_Middle_16QAM_12@7	21.06	11.01	0.013	7	Pass
5MHz_Middle_16QAM_25@0	21.04	10.99	0.013	7	Pass
5MHz_High_QPSK_1@0	22.89	12.84	0.019	7	Pass
5MHz_High_QPSK_1@12	22.87	12.82	0.019	7	Pass
5MHz_High_QPSK_1@24	22.83	12.78	0.019	7	Pass
5MHz_High_QPSK_12@0	22.09	12.04	0.016	7	Pass
5MHz_High_QPSK_12@13	22.01	11.96	0.016	7	Pass
5MHz_High_QPSK_12@7	22.06	12.01	0.016	7	Pass
5MHz_High_QPSK_25@0	22.05	12.00	0.016	7	Pass
5MHz_High_16QAM_1@0	21.61	11.56	0.014	7	Pass
5MHz_High_16QAM_1@12	21.56	11.51	0.014	7	Pass
5MHz_High_16QAM_1@24	21.93	11.88	0.015	7	Pass
5MHz_High_16QAM_12@0	21.47	11.42	0.014	7	Pass
5MHz_High_16QAM_12@13	21.02	10.97	0.013	7	Pass
5MHz_High_16QAM_12@7	20.99	10.94	0.012	7	Pass
5MHz_High_16QAM_25@0	21.17	11.12	0.013	7	Pass
10MHz_Low_QPSK_1@0	23.23	13.18	0.021	7	Pass
10MHz_Low_QPSK_1@25	23.18	13.13	0.021	7	Pass
10MHz_Low_QPSK_1@49	23.17	13.12	0.021	7	Pass
10MHz_Low_QPSK_25@0	21.94	11.89	0.015	7	Pass
10MHz_Low_QPSK_25@12	22.02	11.97	0.016	7	Pass
10MHz_Low_QPSK_25@25	22.04	11.99	0.016	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.02	11.97	0.016	7	Pass
10MHz_Low_16QAM_1@0	22.89	12.84	0.019	7	Pass
10MHz_Low_16QAM_1@25	22.85	12.80	0.019	7	Pass
10MHz_Low_16QAM_1@49	22.86	12.81	0.019	7	Pass
10MHz_Low_16QAM_25@0	21.56	11.51	0.014	7	Pass
10MHz_Low_16QAM_25@12	21.53	11.48	0.014	7	Pass
10MHz_Low_16QAM_25@25	21.11	11.06	0.013	7	Pass
10MHz_Low_16QAM_50@0	21.47	11.42	0.014	7	Pass
10MHz_Middle_QPSK_1@0	23	12.95	0.020	7	Pass
10MHz_Middle_QPSK_1@25	22.93	12.88	0.019	7	Pass
10MHz_Middle_QPSK_1@49	22.95	12.90	0.019	7	Pass
10MHz_Middle_QPSK_25@0	22.02	11.97	0.016	7	Pass
10MHz_Middle_QPSK_25@12	22.10	12.05	0.016	7	Pass
10MHz_Middle_QPSK_25@25	21.98	11.93	0.016	7	Pass
10MHz_Middle_QPSK_50@0	22.15	12.10	0.016	7	Pass
10MHz_Middle_16QAM_1@0	21.87	11.82	0.015	7	Pass
10MHz_Middle_16QAM_1@25	22.01	11.96	0.016	7	Pass
10MHz_Middle_16QAM_1@49	21.91	11.86	0.015	7	Pass
10MHz_Middle_16QAM_25@0	21.19	11.14	0.013	7	Pass
10MHz_Middle_16QAM_25@12	21.20	11.15	0.013	7	Pass
10MHz_Middle_16QAM_25@25	21.56	11.51	0.014	7	Pass
10MHz_Middle_16QAM_50@0	21.13	11.08	0.013	7	Pass
10MHz_High_QPSK_1@0	23.15	13.10	0.020	7	Pass
10MHz_High_QPSK_1@25	23.16	13.11	0.020	7	Pass
10MHz_High_QPSK_1@49	23.21	13.16	0.021	7	Pass
10MHz_High_QPSK_25@0	21.97	11.92	0.016	7	Pass
10MHz_High_QPSK_25@12	22.07	12.02	0.016	7	Pass
10MHz_High_QPSK_25@25	22.14	12.09	0.016	7	Pass
10MHz_High_QPSK_50@0	21.99	11.94	0.016	7	Pass
10MHz_High_16QAM_1@0	22.59	12.54	0.018	7	Pass
10MHz_High_16QAM_1@25	22.48	12.43	0.017	7	Pass
10MHz_High_16QAM_1@49	22.98	12.93	0.020	7	Pass
10MHz_High_16QAM_25@0	21.03	10.98	0.013	7	Pass
10MHz_High_16QAM_25@12	21.54	11.49	0.014	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	21.18	11.13	0.013	7	Pass
10MHz_High_16QAM_50@0	21.48	11.43	0.014	7	Pass

Note:

ERP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBd)

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -7.9dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

FCC Part 27

B7 , Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	22.37	18.37	0.069	2	Pass
5MHz_Low_QPSK_1@12	22.32	18.32	0.068	2	Pass
5MHz_Low_QPSK_1@24	22.35	18.35	0.068	2	Pass
5MHz_Low_QPSK_12@0	21.19	17.19	0.052	2	Pass
5MHz_Low_QPSK_12@13	21.20	17.20	0.052	2	Pass
5MHz_Low_QPSK_12@7	21.20	17.20	0.052	2	Pass
5MHz_Low_QPSK_25@0	21.24	17.24	0.053	2	Pass
5MHz_Low_16QAM_1@0	21.09	17.09	0.051	2	Pass
5MHz_Low_16QAM_1@12	21.16	17.16	0.052	2	Pass
5MHz_Low_16QAM_1@24	21.34	17.34	0.054	2	Pass
5MHz_Low_16QAM_12@0	20.26	16.26	0.042	2	Pass
5MHz_Low_16QAM_12@13	20.30	16.30	0.043	2	Pass
5MHz_Low_16QAM_12@7	20.25	16.25	0.042	2	Pass
5MHz_Low_16QAM_25@0	20.39	16.39	0.044	2	Pass
5MHz_Middle_QPSK_1@0	22.48	18.48	0.070	2	Pass
5MHz_Middle_QPSK_1@12	22.51	18.51	0.071	2	Pass
5MHz_Middle_QPSK_1@24	22.47	18.47	0.070	2	Pass
5MHz_Middle_QPSK_12@0	21.30	17.30	0.054	2	Pass
5MHz_Middle_QPSK_12@13	21.39	17.39	0.055	2	Pass
5MHz_Middle_QPSK_12@7	21.33	17.33	0.054	2	Pass
5MHz_Middle_QPSK_25@0	21.50	17.50	0.056	2	Pass
5MHz_Middle_16QAM_1@0	21.19	17.19	0.052	2	Pass
5MHz_Middle_16QAM_1@12	21.34	17.34	0.054	2	Pass
5MHz_Middle_16QAM_1@24	21.29	17.29	0.054	2	Pass
5MHz_Middle_16QAM_12@0	20.33	16.33	0.043	2	Pass
5MHz_Middle_16QAM_12@13	20.39	16.39	0.044	2	Pass
5MHz_Middle_16QAM_12@7	20.31	16.31	0.043	2	Pass
5MHz_Middle_16QAM_25@0	20.55	16.55	0.045	2	Pass
5MHz_High_QPSK_1@0	22.44	18.44	0.070	2	Pass
5MHz_High_QPSK_1@12	22.45	18.45	0.070	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_QPSK_1@24	22.23	18.23	0.067	2	Pass
5MHz_High_QPSK_12@0	21.44	17.44	0.055	2	Pass
5MHz_High_QPSK_12@13	21.43	17.43	0.055	2	Pass
5MHz_High_QPSK_12@7	21.42	17.42	0.055	2	Pass
5MHz_High_QPSK_25@0	21.35	17.35	0.054	2	Pass
5MHz_High_16QAM_1@0	21.36	17.36	0.054	2	Pass
5MHz_High_16QAM_1@12	21.28	17.28	0.053	2	Pass
5MHz_High_16QAM_1@24	21.04	17.04	0.051	2	Pass
5MHz_High_16QAM_12@0	20.39	16.39	0.044	2	Pass
5MHz_High_16QAM_12@13	20.48	16.48	0.044	2	Pass
5MHz_High_16QAM_12@7	20.42	16.42	0.044	2	Pass
5MHz_High_16QAM_25@0	20.75	16.75	0.047	2	Pass
10MHz_Low_QPSK_1@0	22.46	18.46	0.070	2	Pass
10MHz_Low_QPSK_1@25	22.46	18.46	0.070	2	Pass
10MHz_Low_QPSK_1@49	22.44	18.44	0.070	2	Pass
10MHz_Low_QPSK_25@0	21.25	17.25	0.053	2	Pass
10MHz_Low_QPSK_25@12	21.32	17.32	0.054	2	Pass
10MHz_Low_QPSK_25@25	21.30	17.30	0.054	2	Pass
10MHz_Low_QPSK_50@0	21.42	17.42	0.055	2	Pass
10MHz_Low_16QAM_1@0	22.09	18.09	0.064	2	Pass
10MHz_Low_16QAM_1@25	22.15	18.15	0.065	2	Pass
10MHz_Low_16QAM_1@49	22.15	18.15	0.065	2	Pass
10MHz_Low_16QAM_25@0	20.45	16.45	0.044	2	Pass
10MHz_Low_16QAM_25@12	20.56	16.56	0.045	2	Pass
10MHz_Low_16QAM_25@25	20.50	16.50	0.045	2	Pass
10MHz_Low_16QAM_50@0	20.53	16.53	0.045	2	Pass
10MHz_Middle_QPSK_1@0	22.49	18.49	0.071	2	Pass
10MHz_Middle_QPSK_1@25	22.60	18.60	0.072	2	Pass
10MHz_Middle_QPSK_1@49	22.35	18.35	0.068	2	Pass
10MHz_Middle_QPSK_25@0	21.35	17.35	0.054	2	Pass
10MHz_Middle_QPSK_25@12	21.54	17.54	0.057	2	Pass
10MHz_Middle_QPSK_25@25	21.35	17.35	0.054	2	Pass
10MHz_Middle_QPSK_50@0	21.49	17.49	0.056	2	Pass
10MHz_Middle_16QAM_1@0	22.09	18.09	0.064	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_1@25	21.91	17.91	0.062	2	Pass
10MHz_Middle_16QAM_1@49	21.88	17.88	0.061	2	Pass
10MHz_Middle_16QAM_25@0	20.52	16.52	0.045	2	Pass
10MHz_Middle_16QAM_25@12	20.58	16.58	0.045	2	Pass
10MHz_Middle_16QAM_25@25	20.60	16.60	0.046	2	Pass
10MHz_Middle_16QAM_50@0	20.57	16.57	0.045	2	Pass
10MHz_High_QPSK_1@0	22.49	18.49	0.071	2	Pass
10MHz_High_QPSK_1@25	22.46	18.46	0.070	2	Pass
10MHz_High_QPSK_1@49	22.53	18.53	0.071	2	Pass
10MHz_High_QPSK_25@0	21.39	17.39	0.055	2	Pass
10MHz_High_QPSK_25@12	21.42	17.42	0.055	2	Pass
10MHz_High_QPSK_25@25	21.45	17.45	0.056	2	Pass
10MHz_High_QPSK_50@0	21.46	17.46	0.056	2	Pass
10MHz_High_16QAM_1@0	22.16	18.16	0.065	2	Pass
10MHz_High_16QAM_1@25	22.08	18.08	0.064	2	Pass
10MHz_High_16QAM_1@49	22.06	18.06	0.064	2	Pass
10MHz_High_16QAM_25@0	20.42	16.42	0.044	2	Pass
10MHz_High_16QAM_25@12	20.38	16.38	0.043	2	Pass
10MHz_High_16QAM_25@25	20.47	16.47	0.044	2	Pass
10MHz_High_16QAM_50@0	20.49	16.49	0.045	2	Pass
15MHz_Low_QPSK_1@0	22.46	18.46	0.070	2	Pass
15MHz_Low_QPSK_1@37	22.39	18.39	0.069	2	Pass
15MHz_Low_QPSK_1@74	22.44	18.44	0.070	2	Pass
15MHz_Low_QPSK_36@0	21.41	17.41	0.055	2	Pass
15MHz_Low_QPSK_36@20	21.37	17.37	0.055	2	Pass
15MHz_Low_QPSK_36@39	21.33	17.33	0.054	2	Pass
15MHz_Low_QPSK_75@0	21.29	17.29	0.054	2	Pass
15MHz_Low_16QAM_1@0	22.07	18.07	0.064	2	Pass
15MHz_Low_16QAM_1@37	21.95	17.95	0.062	2	Pass
15MHz_Low_16QAM_1@74	22.13	18.13	0.065	2	Pass
15MHz_Low_16QAM_36@0	20.47	16.47	0.044	2	Pass
15MHz_Low_16QAM_36@20	20.41	16.41	0.044	2	Pass
15MHz_Low_16QAM_36@39	20.42	16.42	0.044	2	Pass
15MHz_Low_16QAM_75@0	20.30	16.30	0.043	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_QPSK_1@0	22.36	18.36	0.069	2	Pass
15MHz_Middle_QPSK_1@37	22.59	18.59	0.072	2	Pass
15MHz_Middle_QPSK_1@74	22.44	18.44	0.070	2	Pass
15MHz_Middle_QPSK_36@0	21.39	17.39	0.055	2	Pass
15MHz_Middle_QPSK_36@20	21.45	17.45	0.056	2	Pass
15MHz_Middle_QPSK_36@39	21.44	17.44	0.055	2	Pass
15MHz_Middle_QPSK_75@0	21.48	17.48	0.056	2	Pass
15MHz_Middle_16QAM_1@0	22.25	18.25	0.067	2	Pass
15MHz_Middle_16QAM_1@37	22.27	18.27	0.067	2	Pass
15MHz_Middle_16QAM_1@74	22.31	18.31	0.068	2	Pass
15MHz_Middle_16QAM_36@0	20.50	16.50	0.045	2	Pass
15MHz_Middle_16QAM_36@20	20.61	16.61	0.046	2	Pass
15MHz_Middle_16QAM_36@39	20.62	16.62	0.046	2	Pass
15MHz_Middle_16QAM_75@0	20.51	16.51	0.045	2	Pass
15MHz_High_QPSK_1@0	22.71	18.71	0.074	2	Pass
15MHz_High_QPSK_1@37	22.60	18.60	0.072	2	Pass
15MHz_High_QPSK_1@74	22.61	18.61	0.073	2	Pass
15MHz_High_QPSK_36@0	21.58	17.58	0.057	2	Pass
15MHz_High_QPSK_36@20	21.44	17.44	0.055	2	Pass
15MHz_High_QPSK_36@39	21.40	17.40	0.055	2	Pass
15MHz_High_QPSK_75@0	21.45	17.45	0.056	2	Pass
15MHz_High_16QAM_1@0	22.25	18.25	0.067	2	Pass
15MHz_High_16QAM_1@37	22.29	18.29	0.067	2	Pass
15MHz_High_16QAM_1@74	22.19	18.19	0.066	2	Pass
15MHz_High_16QAM_36@0	20.57	16.57	0.045	2	Pass
15MHz_High_16QAM_36@20	20.60	16.60	0.046	2	Pass
15MHz_High_16QAM_36@39	20.57	16.57	0.045	2	Pass
15MHz_High_16QAM_75@0	20.47	16.47	0.044	2	Pass
20MHz_Low_QPSK_1@0	22.36	18.36	0.069	2	Pass
20MHz_Low_QPSK_1@49	22.32	18.32	0.068	2	Pass
20MHz_Low_QPSK_1@99	22.42	18.42	0.070	2	Pass
20MHz_Low_QPSK_100@0	21.20	17.20	0.052	2	Pass
20MHz_Low_QPSK_50@0	21.29	17.29	0.054	2	Pass
20MHz_Low_QPSK_50@24	21.34	17.34	0.054	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_QPSK_50@50	21.33	17.33	0.054	2	Pass
20MHz_Low_16QAM_1@0	21.16	17.16	0.052	2	Pass
20MHz_Low_16QAM_1@49	21.22	17.22	0.053	2	Pass
20MHz_Low_16QAM_1@99	21.30	17.30	0.054	2	Pass
20MHz_Low_16QAM_100@0	20.44	16.44	0.044	2	Pass
20MHz_Low_16QAM_50@0	20.52	16.52	0.045	2	Pass
20MHz_Low_16QAM_50@24	20.52	16.52	0.045	2	Pass
20MHz_Low_16QAM_50@50	20.47	16.47	0.044	2	Pass
20MHz_Middle_QPSK_1@0	22.36	18.36	0.069	2	Pass
20MHz_Middle_QPSK_1@49	22.52	18.52	0.071	2	Pass
20MHz_Middle_QPSK_1@99	22.40	18.40	0.069	2	Pass
20MHz_Middle_QPSK_100@0	21.53	17.53	0.057	2	Pass
20MHz_Middle_QPSK_50@0	21.42	17.42	0.055	2	Pass
20MHz_Middle_QPSK_50@24	21.44	17.44	0.055	2	Pass
20MHz_Middle_QPSK_50@50	21.38	17.38	0.055	2	Pass
20MHz_Middle_16QAM_1@0	21.66	17.66	0.058	2	Pass
20MHz_Middle_16QAM_1@49	21.36	17.36	0.054	2	Pass
20MHz_Middle_16QAM_1@99	22.42	18.42	0.070	2	Pass
20MHz_Middle_16QAM_100@0	20.49	16.49	0.045	2	Pass
20MHz_Middle_16QAM_50@0	20.52	16.52	0.045	2	Pass
20MHz_Middle_16QAM_50@24	20.46	16.46	0.044	2	Pass
20MHz_Middle_16QAM_50@50	20.61	16.61	0.046	2	Pass
20MHz_High_QPSK_1@0	22.50	18.50	0.071	2	Pass
20MHz_High_QPSK_1@49	22.51	18.51	0.071	2	Pass
20MHz_High_QPSK_1@99	22.23	18.23	0.067	2	Pass
20MHz_High_QPSK_100@0	21.42	17.42	0.055	2	Pass
20MHz_High_QPSK_50@0	21.44	17.44	0.055	2	Pass
20MHz_High_QPSK_50@24	21.42	17.42	0.055	2	Pass
20MHz_High_QPSK_50@50	21.37	17.37	0.055	2	Pass
20MHz_High_16QAM_1@0	21.41	17.41	0.055	2	Pass
20MHz_High_16QAM_1@49	21.45	17.45	0.056	2	Pass
20MHz_High_16QAM_1@99	21.35	17.35	0.054	2	Pass
20MHz_High_16QAM_100@0	20.50	16.50	0.045	2	Pass
20MHz_High_16QAM_50@0	20.57	16.57	0.045	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_High_16QAM_50@24	20.52	16.52	0.045	2	Pass
20MHz_High_16QAM_50@50	20.55	16.55	0.045	2	Pass

Note:

EIRP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBi)

1.Ant Gain = -4dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

Peak-to-average Ratio(PAR)

FCC Part 22H

B5 , Normal

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.01	13
10MHz_Low_QPSK_50@0	5.59	13
10MHz_Low_16QAM_1@0	5.59	13
10MHz_Low_16QAM_50@0	6.35	13
10MHz_Middle_QPSK_1@0	5.22	13
10MHz_Middle_QPSK_50@0	5.48	13
10MHz_Middle_16QAM_1@0	6.17	13
10MHz_Middle_16QAM_50@0	6.38	13
10MHz_High_QPSK_1@0	5.22	13
10MHz_High_QPSK_50@0	5.57	13
10MHz_High_16QAM_1@0	6.12	13
10MHz_High_16QAM_50@0	6.32	13

Note:worst case.