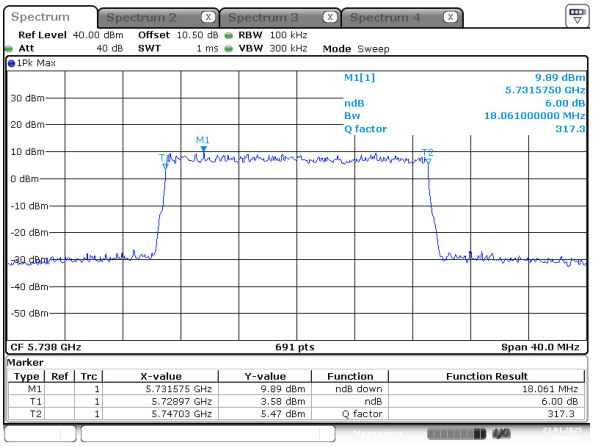
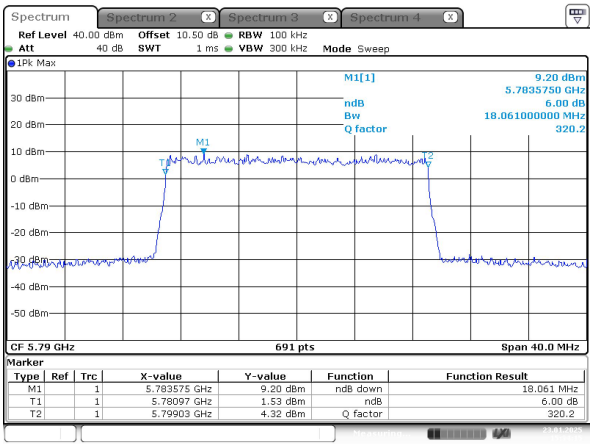
20M_5738MHz_QPSK



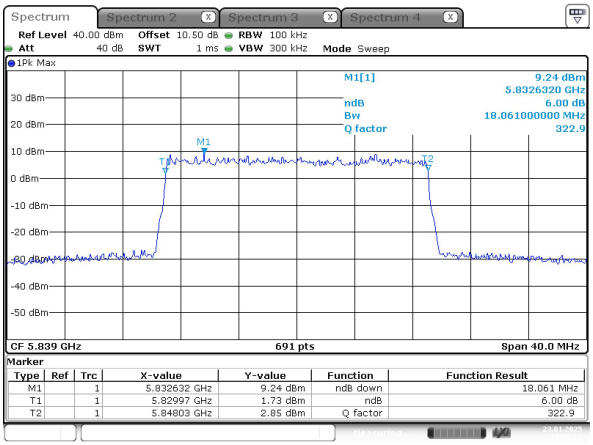
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 23.JAN.2025 15:33:13

20M_5790MHz_QPSK



ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 23.JAN.2025 15:34:15

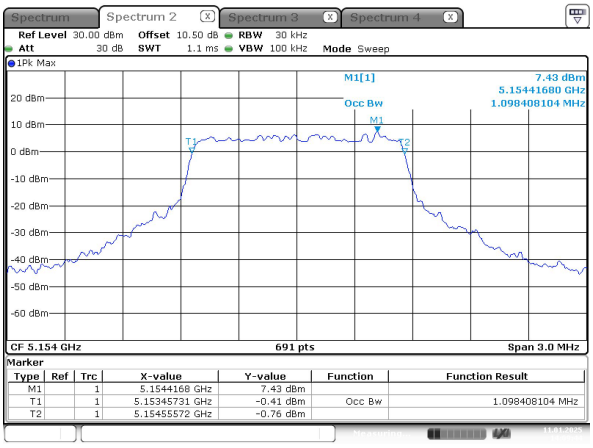
20M_5839MHz_QPSK



ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 23.JAN.2025 15:35:24

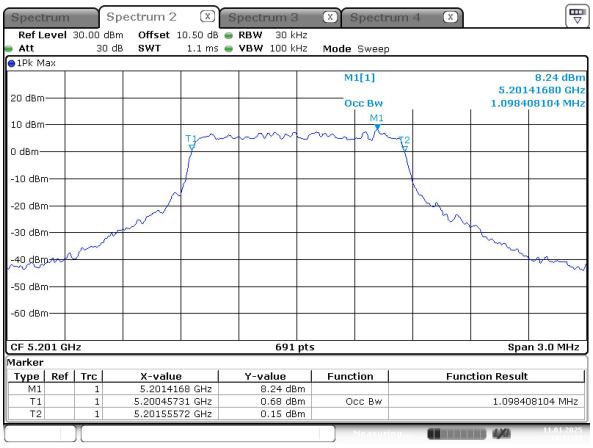
99% OBW
5150-5250MHz:

1.4M_5154MHz_QPSK



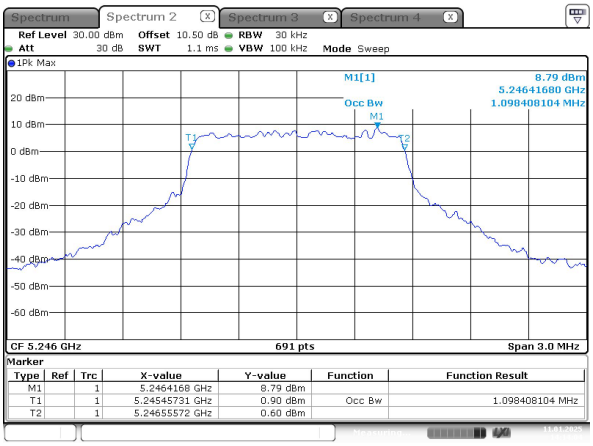
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 11.JAN.2025 14:09:44

1.4M_5201MHz_QPSK



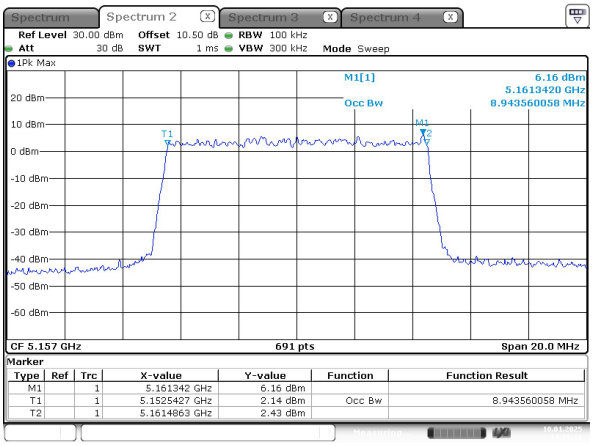
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 11.JAN.2025 14:11:35

1.4M_5246MHz_QPSK



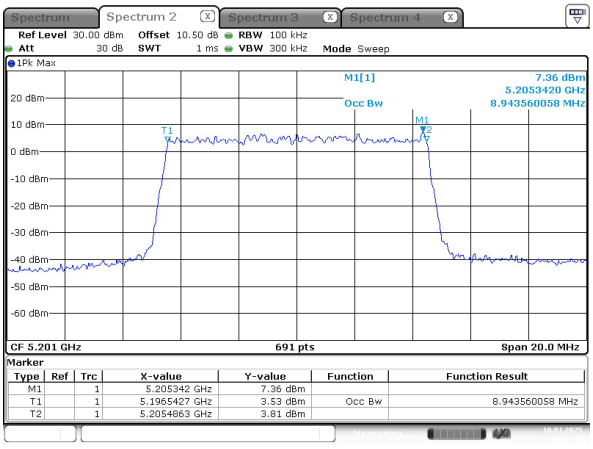
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 11.JAN.2025 14:14:04

10M_5157MHz_QPSK



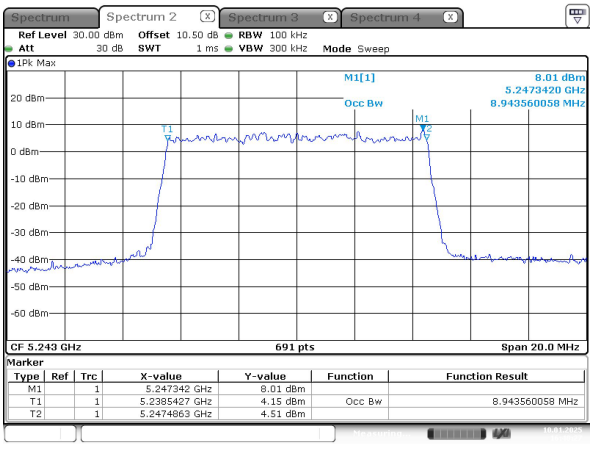
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 14:35:18

10M_5201MHz_QPSK



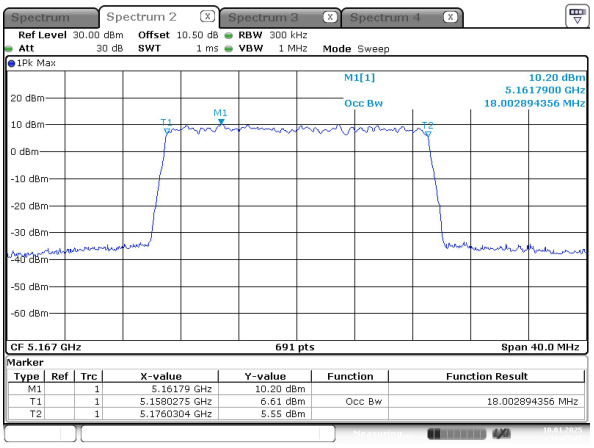
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 16:37:44

10M_5243MHz_QPSK



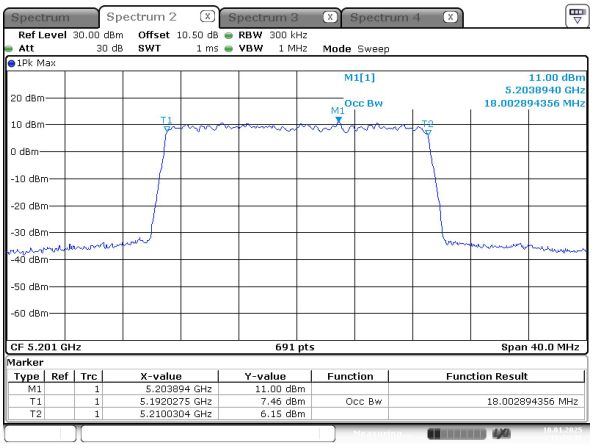
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 16:40:27

20M_5167MHz_QPSK



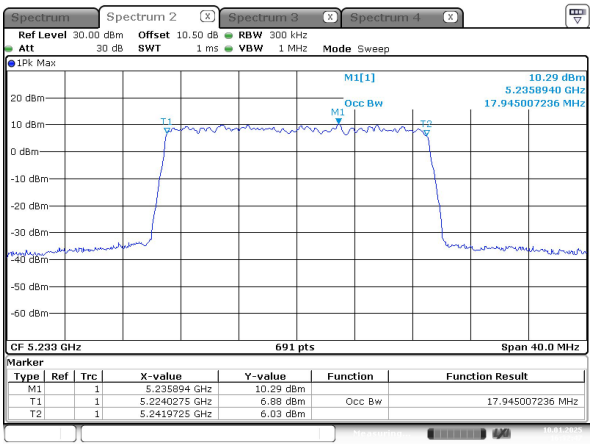
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 16:25:41

20M_5201MHz_QPSK



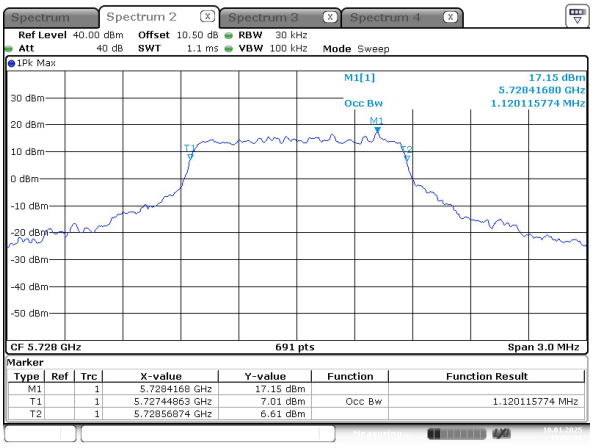
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 16:29:11

20M_5233MHz_QPSK



ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 16:32:48

1.4M_5728MHz_QPSK



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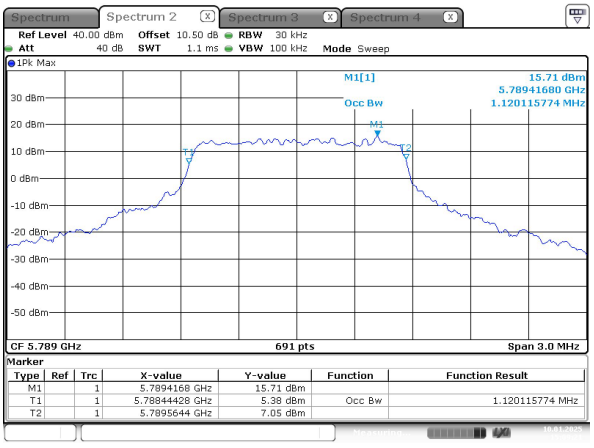
Date: 10.JAN.2025 15:06:38

1.4M_5789MHz_QPSK



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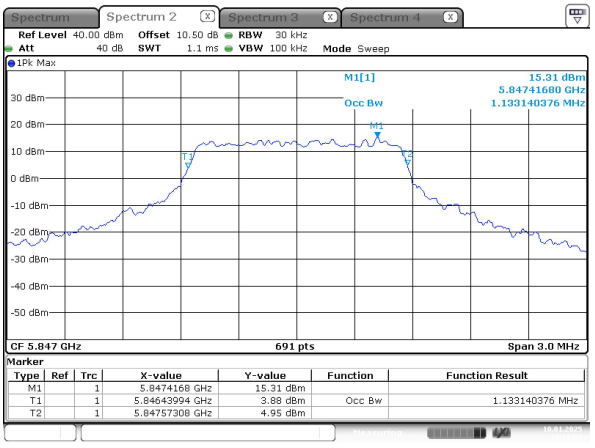
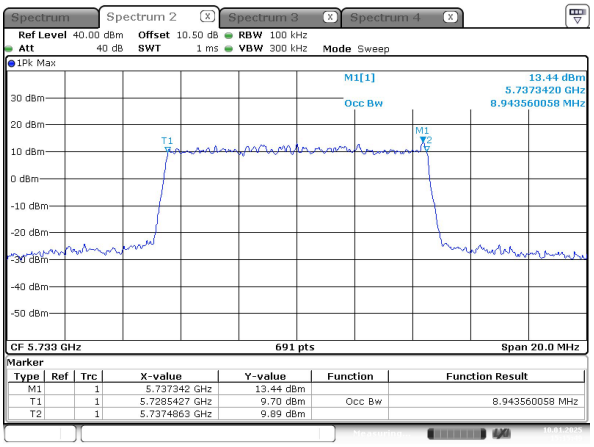
Date: 10.JAN.2025 15:09:21

1.4M_5847MHz_QPSK



ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 15:12:00

10M_5733MHz_QPSK



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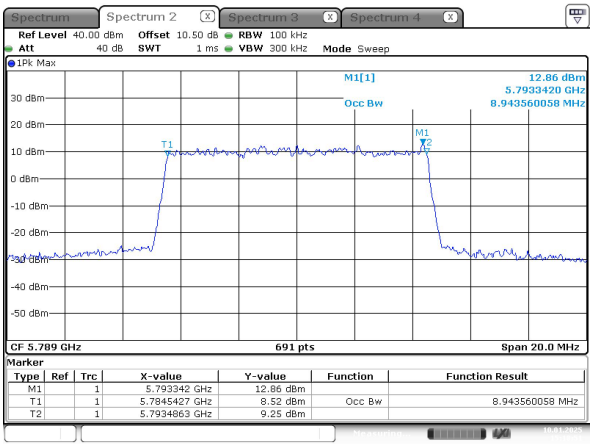
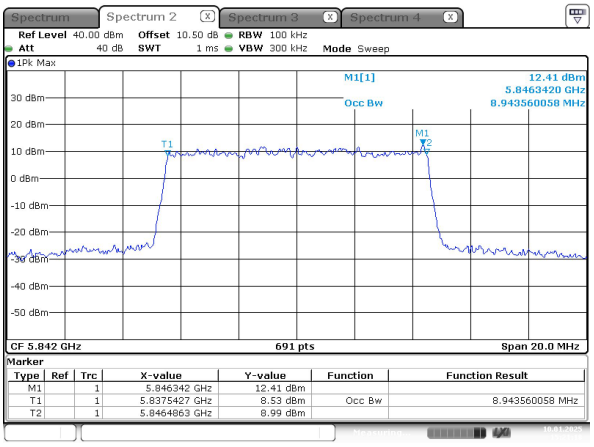
Date: 10.JAN.2025 15:15:50

10M_5789MHz_QPSK



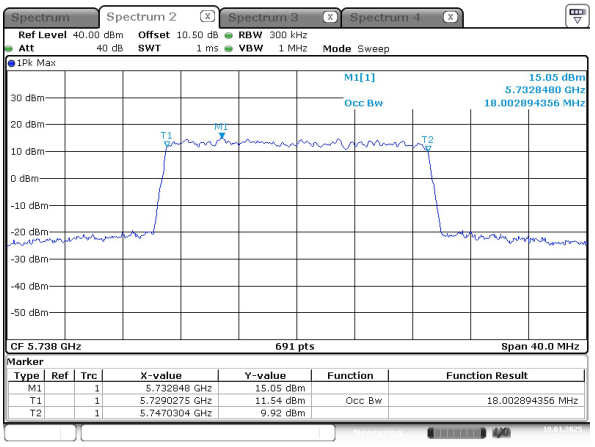
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 15:18:51

10M_5842MHz_QPSK



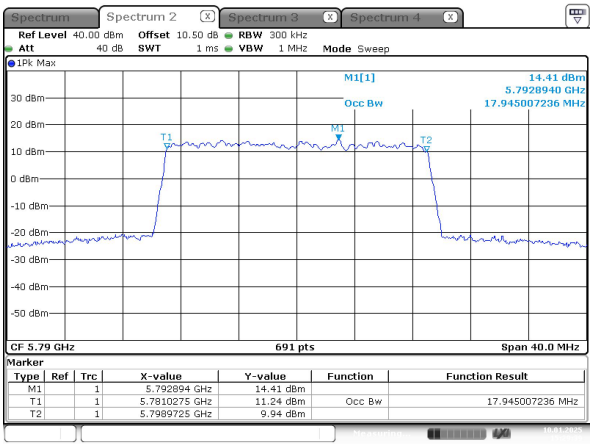
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 15:21:18

20M_5738MHz_QPSK



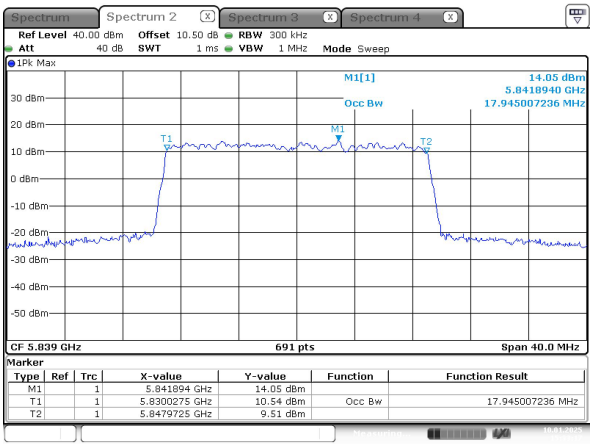
ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 15:26:59

20M_5790MHz_QPSK



ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 15:29:39

20M_5839MHz_QPSK



ProjectNo.:2402A43113E-RF Tester:Jojo Zhou
Date: 10.JAN.2025 15:33:18

5.4 Maximum Conducted Output Power

Serial No.:	2RQM-3	**Test Date:**	2025/1/10~2025/2/7
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Jojo Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	23.1~24/5	Relative Humidity: (%)	32~42	ATM Pressure: (kPa)	101.2~102.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2024/6/7	2025/6/6
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2024/8/27	2025/8/26

** 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).*

Test Data:
5150-5250MHz

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)			
		Chain 0	Chain 1	Total	Limit
1.4M QPSK	5154	6.04	8.00	10.14	30
	5201	6.98	8.10	10.59	30
	5246	7.34	8.42	10.92	30
10M QPSK	5157	14.60	14.68	17.65	30
	5201	14.56	14.46	17.52	30
	5243	14.97	14.71	17.85	30
20M QPSK	5167	15.01	14.87	**17.95**	30
	5201	14.71	14.56	17.65	30
	5233	15.06	14.75	17.92	30

Note:
The device is a master device when this modes operating.
The Maximum antenna gain is 2.0dBi.
The Maximum EIRP=19.95 dBm, meet the requirement of The maximum e.ir.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

5725-5850MHz

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power (dBm)			
		Chain 0	Chain 1	Total	Limit
1.4M QPSK	5728	22.26	24.27	**26.39**	30
	5789	21.41	22.46	24.98	30
	5847	20.86	22.15	24.56	30
10M QPSK	5733	21.98	22.44	25.23	30
	5789	21.16	22.81	25.07	30
	5842	20.72	22.25	24.56	30
20M QPSK	5738	21.82	23.21	25.58	30
	5790	21.65	22.94	25.35	30
	5839	21.28	22.32	24.84	30

5.5 Power Spectral Density

Serial No.:	2RQM-3	**Test Date:**	2025/1/10~2025/2/7
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Jojo Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	23.1~24.5	Relative Humidity: (%)	32~42	ATM Pressure: (kPa)	101.1~102.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101461	2024/09/05	2025/09/04
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2024/06/07	2025/06/06

** 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).*

Test Data:

5150-5250MHz

Test Modes	Test Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)			
		Chain 0	Chain 1	Total	Limit
1.4M QPSK	5154	6.00	7.98	10.11	17
	5201	6.95	8.01	10.52	17
	5246	7.34	8.40	10.91	17
10M QPSK	5157	6.06	6.18	9.13	17
	5201	5.87	6.07	8.98	17
	5243	6.37	6.19	9.29	17
20M QPSK	5167	3.23	3.09	6.17	17
	5201	2.94	2.82	5.89	17
	5233	3.26	3.11	6.20	17
Note: The device is a master device when this modes operating.					

5725-5850MHz

Test Modes	Test Frequency (MHz)	Maximum Power Spectral Density (dBm/500kHz)			
		Chain 0	Chain 1	Total	Limit
1.4M QPSK	5728	19.09	21.64	23.56	30
	5789	18.71	19.65	22.22	30
	5847	17.93	19.38	21.73	30
10M QPSK	5733	10.02	12.64	14.53	30
	5789	9.66	11.64	13.77	30
	5842	9.17	11.03	13.21	30
20M QPSK	5738	7.39	9.17	11.38	30
	5790	6.90	8.82	10.98	30
	5839	6.35	8.26	10.42	30