31355 Bear Pond Drive
Sorrento, FL 32776 USA
Ph.: 352.444.9806
Email: purchasing@rflab.com
Website: www.rflab.com

FCC PART 15.247

902-928 MHz DTS TEST REPORT

APPLICANT	Click or tap here to enter text.
ADDRESS	Click or tap here to enter text.
PRODUCT MODEL NUMBER	Click or tap here to enter text.
PRODUCT DESCRIPTION	Click or tap here to enter text.
FCC ID	Click or tap here to enter text.
DATE SAMPLE RECEIVED	Click or tap here to enter text.
FINAL TEST DATE	Click or tap here to enter text.
TESTED BY	Click or tap here to enter text.
APROVED BY	☐ **PASS** ☐ **FAIL**

Report Number	Report Version	Description	Issue Date
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.

Table of Contents

General Remarks

Summary

The device under test does:

☐ Fulfill the general approval requirements as identified in this test report and was selected by the customer.

☐ Not fulfill the general approval requirements as identified in this test report

Attestations
This equipment has been tested in accordance with the standards identified in this test report. To the best of my knowledge and belief, these tests were performed using the measurement procedures described in this report.

All instrumentation and accessories used to test products for compliance to the indicated standards are calibrated regularly in accordance with ISO 17025 requirements.

I attest that the necessary measurements were made at:

RF Laboratories Inc.
31355 Bear Pond Drive
Sorrento, FL 32776

Tested By:
Name and Title: Click or tap here to enter text.

Date: Click or tap here to enter text.

Reviewed and approved by:

Name and Title: Click or tap here to enter text.

Date: Click or tap here to enter text.

GENERAL INFORMATION

EUT Information

EUT Description	Click or tap here to enter text.		
FCC ID	Click or tap here to enter text.		
EUT Power Source	☐ 110-120 Vac, 50-60Hz	☐ DC Power	☐ Battery Operated
Test Item	☐ Prototype	☐ Pre-Production	☐ Production
Type of Equipment	☐ Fixed	☐ Mobile	☐ Portable
Antenna Connector	Click or tap here to enter text.		
Normal Duty Cycle	Click or tap here to enter text.		
Test Conditions	The temperature was 26°C Relative humidity of 50%		
Test Configuration	Click or tap here to enter text.		
Modification to the EUT	Click or tap here to enter text.		
Applicable Standards	ANSI C63.10-2013 ANSI C6204-2014 (Radiated Site Validation)		
Test Facility	Click or tap here to enter text.		

Peripherals Used in Testing

Description	Type	Connector	Length
n/a	n/a	n/a	n/a

EUT Modes of DTS Operation

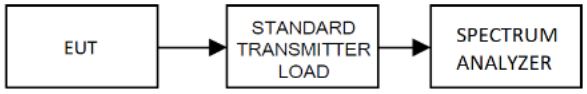
Description	Modulation Type
Click or tap here to enter text.	Click or tap here to enter text.

Test Results Summary

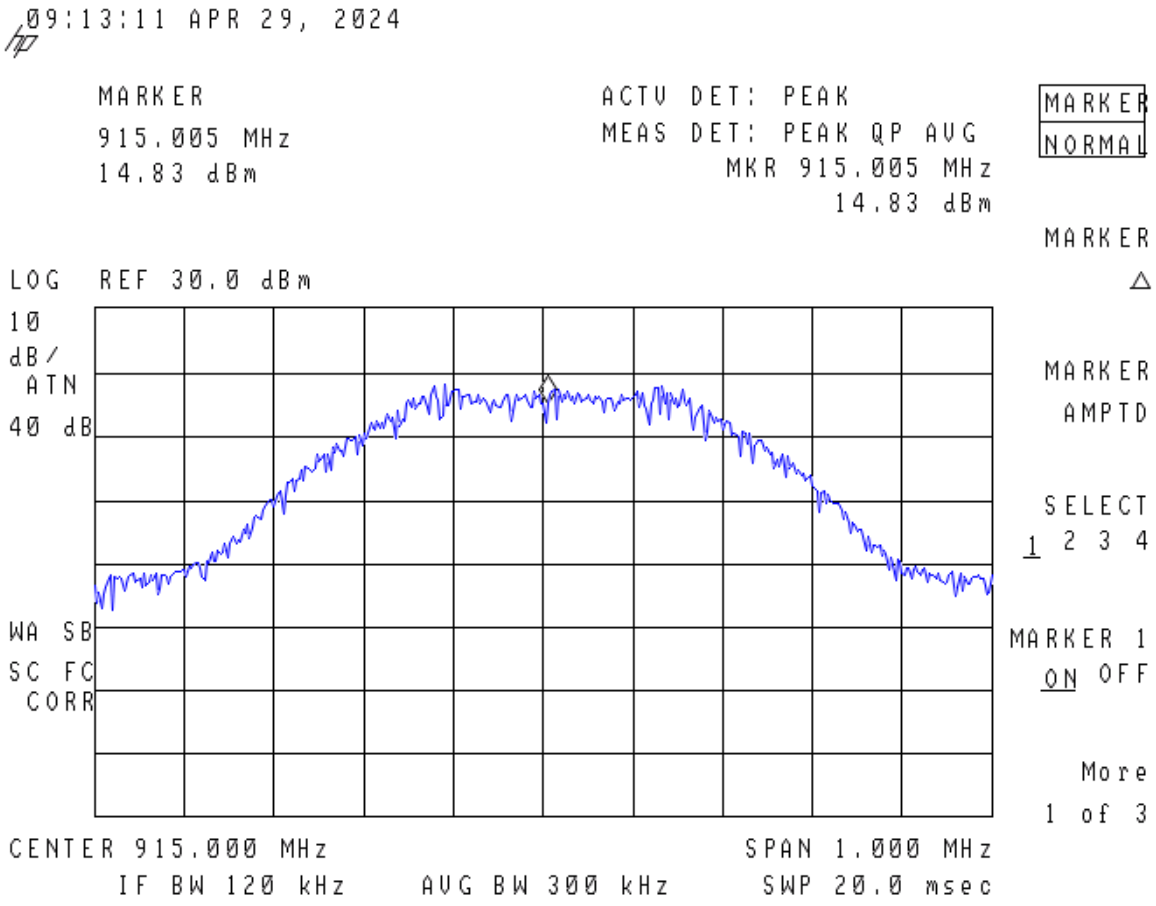
Requirement	FCC Rule Part	Results
Click or tap here to enter text.	15.247, 15.37(h)	Click or tap here to enter text.
Occupied Bandwidth	15.215 (c)	Click or tap here to enter text.
Antenna Power Output	15.247 (b)(4)	Click or tap here to enter text.
Output Power	15.247 (b)(3)	Click or tap here to enter text.
Power Spectral Density	15.247 (e)	Click or tap here to enter text.
Unwanted Emissions at the Bandedge	Click or tap here to enter text.	Click or tap here to enter text.
Unwanted Emissions Out of Band	15.247 (d)	Click or tap here to enter text.
Occupied Bandwidth	15.247 (a)(2)	Click or tap here to enter text.

Power Spectral Density

Test Setup:



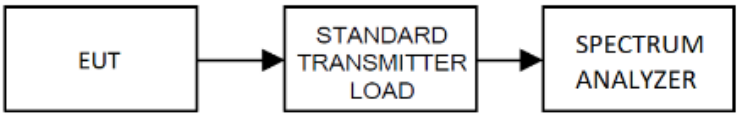
Test Data: PSD, 915 MHz - Conducted



RESULTS Click or tap here to enter text.

POWER OUTPUT

Test Setup:



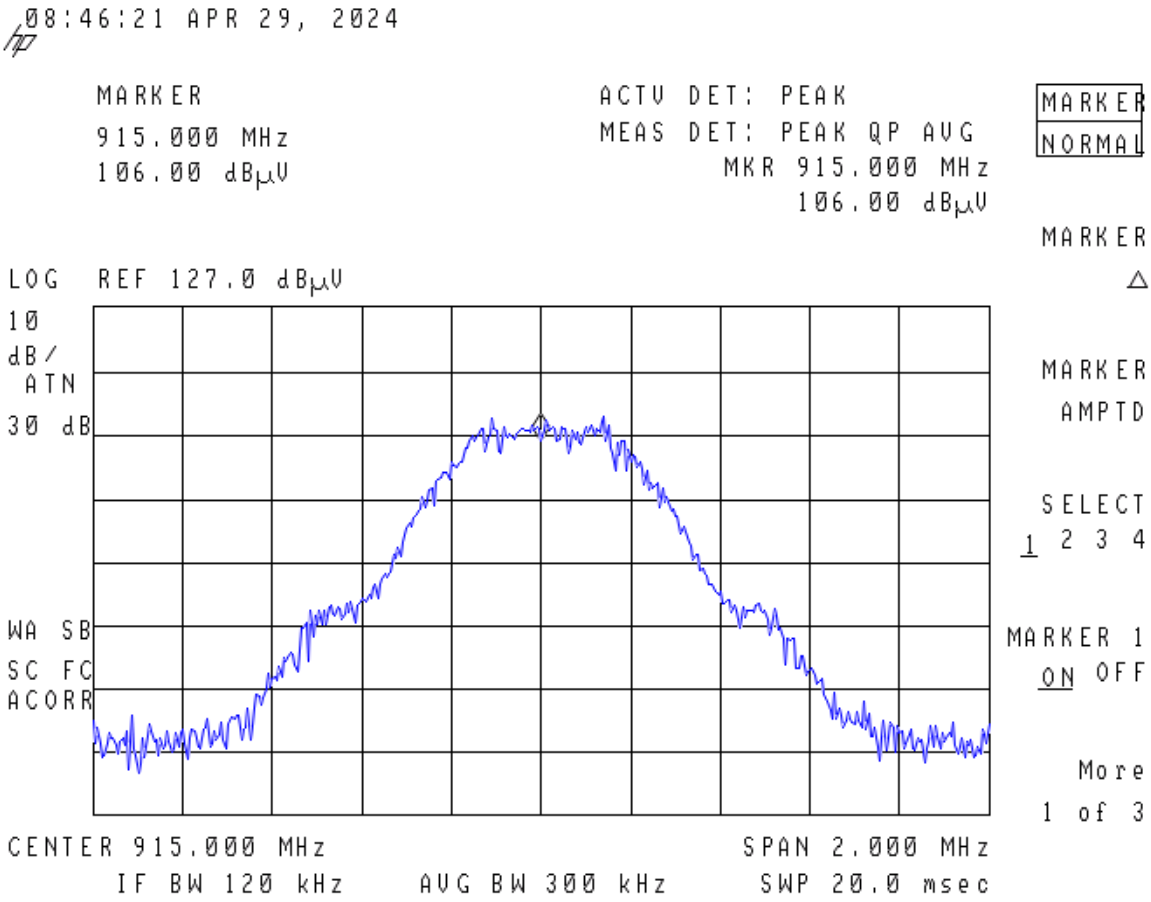
Test Data: Power Output Measurement Table

Tuned Frequency (MHz)	Power Output (dB)
915	Click or tap here to enter text.

Results: Click or tap here to enter text.

POWER OUTPUT Radiated

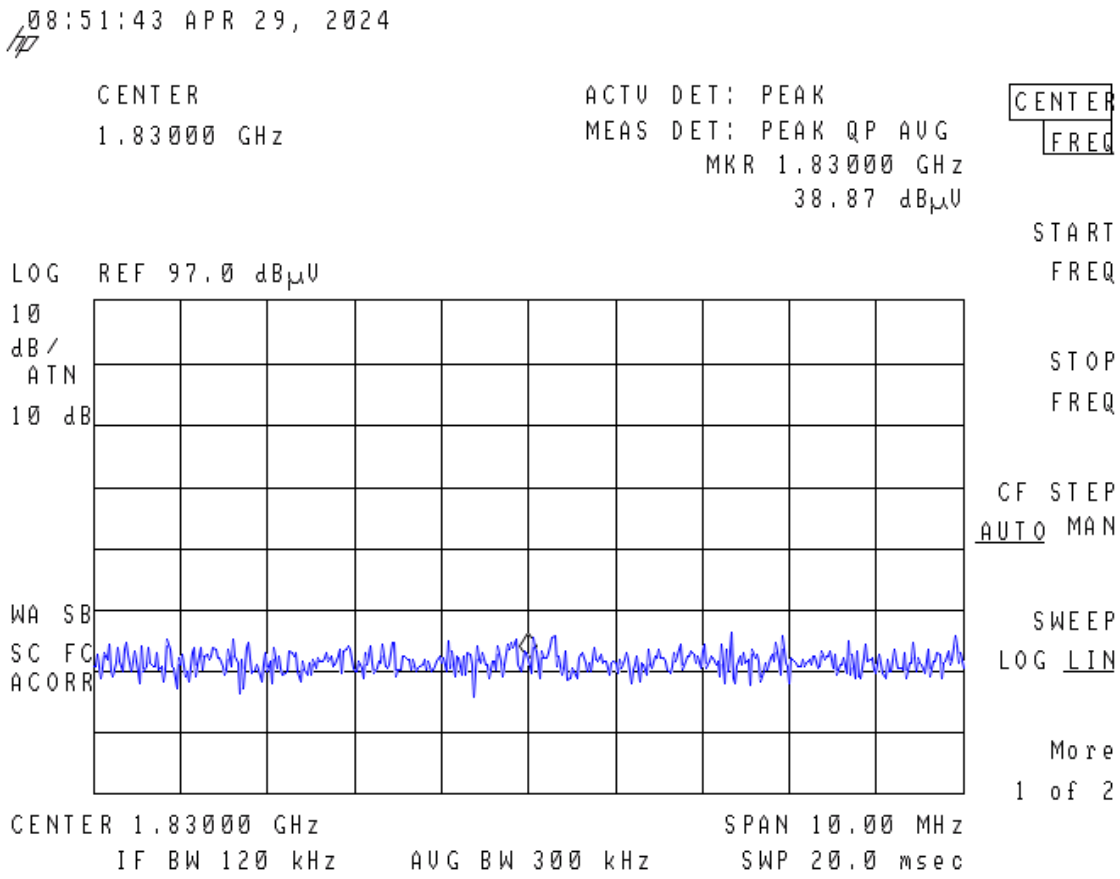
Test Data: Power Output, 915 MHz



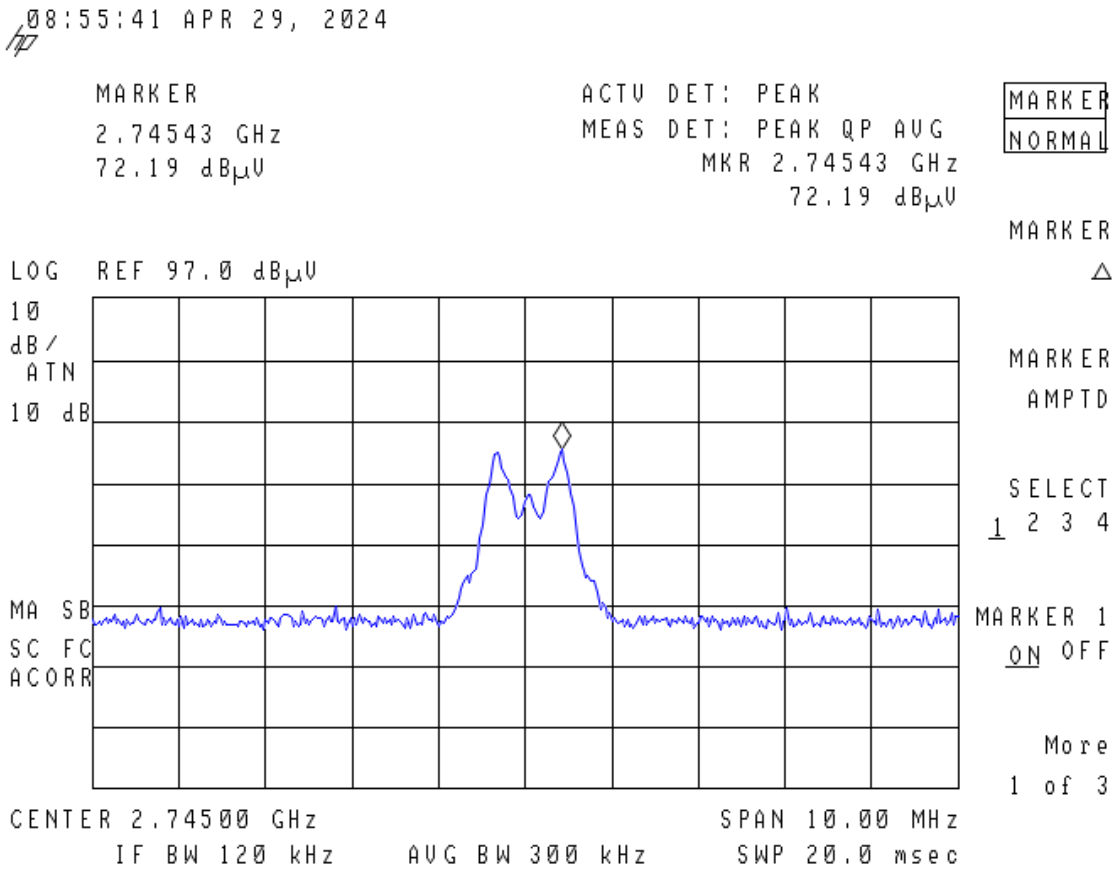
RESULTS: Click or tap here to enter text.

RADIATED SPURIOUS EMISSIONS

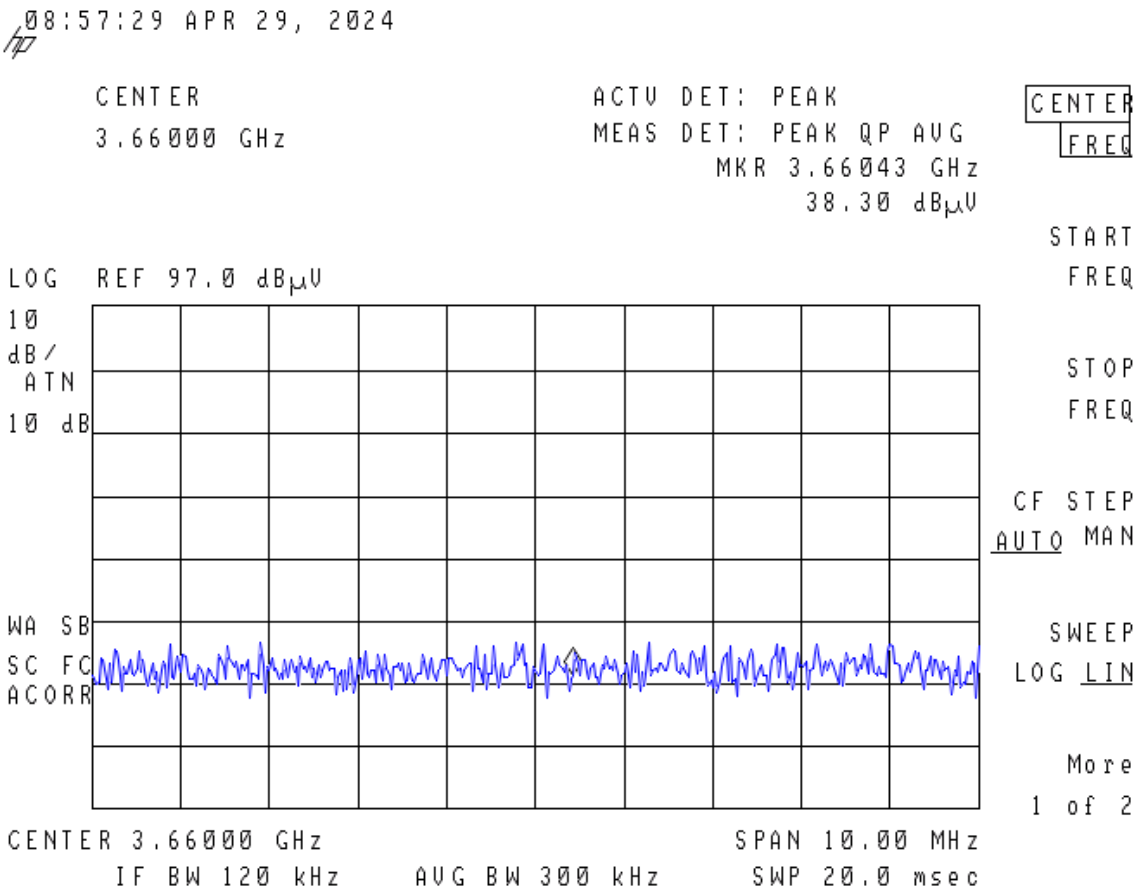
2nd Harmonic 915 MHz:



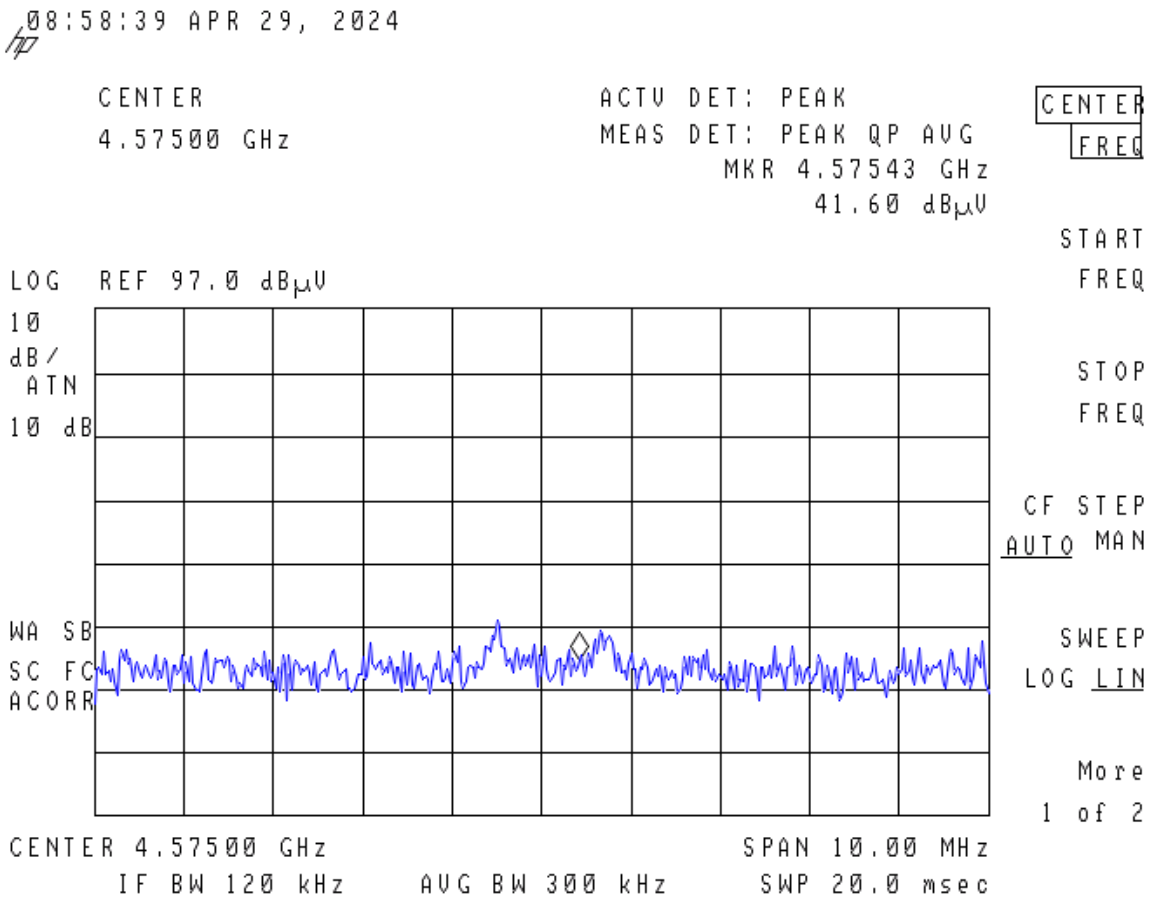
3rd Harmonic 915MHz:



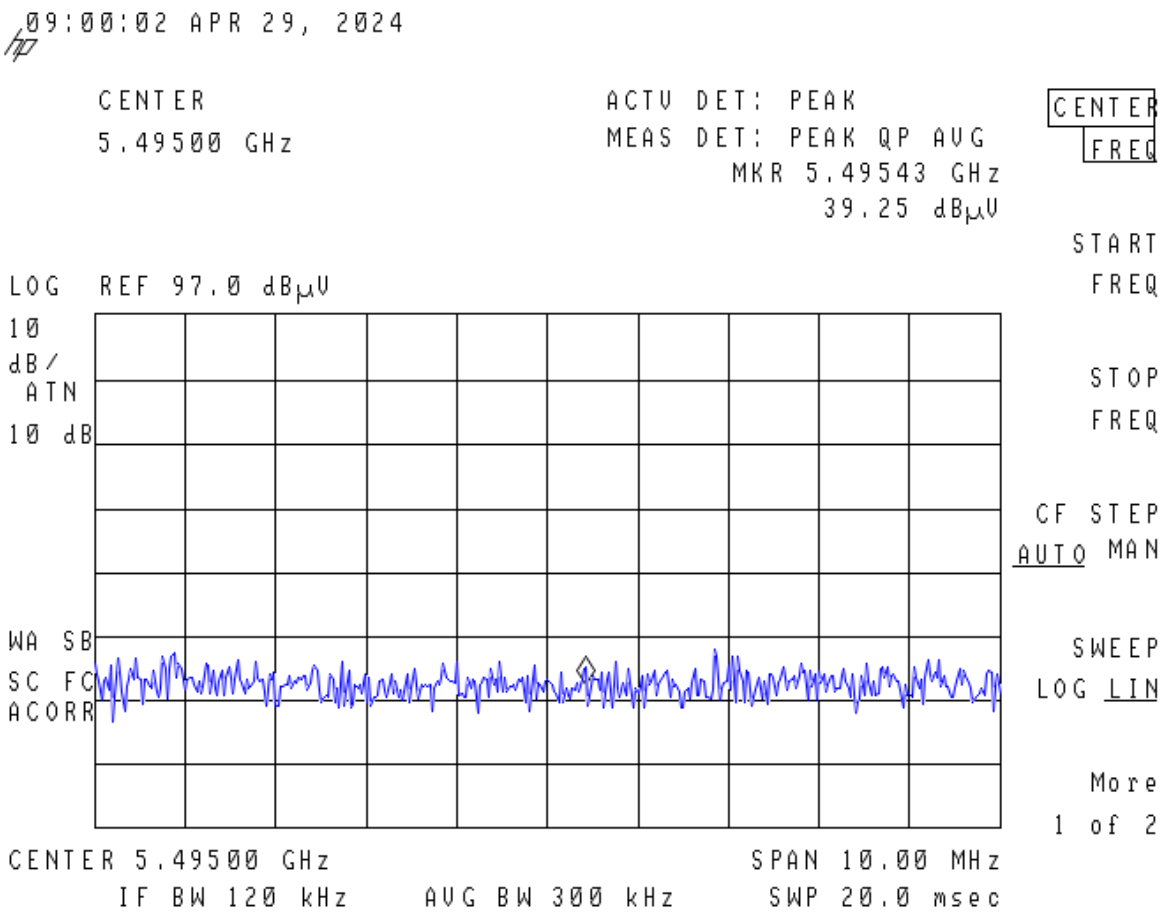
4th Harmonic 915MHz:



5th Harmonic 915MHz:



6th Harmonic 915MHz:



Test Data: Field Strength of the Fundamental

Tuned Frequency (MHz)	Detector	Meter Reading (dBµV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBµV/m)
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.

Test Data: 915MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	15.205 Restricted Band	15.205, 16.36, 15.247(d) Detector	Meter Reading (dBµV)	Antenna Polarity	Coax Loss (dB)	Duty Cycle Correction (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBµV)	Limit	Margin (dBm)
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
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Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
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Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.	☐	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.