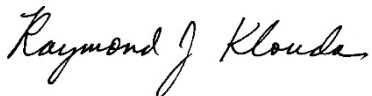




Engineering Test Report No. 2301707-02

Report Date	October 30, 2023	
Manufacturer Name	Righthand Technologies Inc	
Manufacturer Address	7450 W. Wilson Ave. Chicago, IL 60706	
Test Item Name Model No.	CABINLINK6 WAP CL6	
Date Received	July 27, 2023	
Test Dates	July 27, 2023 through October 30, 2023	
Specifications	FCC "Code of Federal Regulations" Title 47, Part 15, Subpart B FCC "Code of Federal Regulations" Title 47 Part 15, Subpart C, Section 15.247 Innovation, Science, and Economic Development Canada, RSS-GEN Innovation, Science, and Economic Development Canada, RSS-247	
Test Facility	Elite Electronic Engineering, Inc. 1516 Centre Circle, Downers Grove, IL 60515	FCC Reg. Number: 269750 IC Reg. Number: 2987A CAB Identifier: US0107
Signature	 	
Tested by	Javier Cardenas	Tylar Jozefczyk
Signature		
Approved by	Raymond J. Klouda, Registered Professional Engineer of Illinois – 44894	
PO Number	PO006498	

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1. Report Revision History

Revision	Date	Description
–	2 NOV 2023	Initial Release of Engineering Test Report No. 2301707-02

2. Introduction

2.1. Scope of Tests

This document presents the results of a series of RF emissions tests that were performed on the Righthand Technologies Inc CABINLINK6 WAP (hereinafter referred to as the Equipment Under Test (EUT)). The EUT was manufactured and submitted for testing by Righthand Technologies Inc located in Chicago, IL.

2.2. Purpose

The test series was performed to determine if the EUT meets the RF emission requirements of the FCC "Code of Federal Regulations" Title 47, Part 15, Subpart E, §15.407 for an Unlicensed National Information Infrastructure Devices operating within the UNII-1, UNII-2A, UNII-2C and UNII-3 bands.

The test series was also performed to determine if the EUT meets the RF emission requirements of the Innovation, Science, and Economic Development Canada Radio Standards Specification RSS-Gen and Innovation, Science, and Economic Development Canada Radio Standards Specification RSS-247 for a Digital Modulation intentional radiator operating within the 5GHz band.

Testing was performed in accordance with ANSI C63.10-2013.

2.3. Identification of the EUT

The EUT was identified as follows:

EUT Identification	
Test Item #1	
Product Description	CABINLINK6 WAP
Model/Part No.	CL6
Serial No.	CL6W100037
Size of EUT	17.5cm Length x 26.5cm Width x 5cm Height
Device Type	Digitally Modulated Transmission Device
Band of Operation	5150 – 5250MHz, 5250 – 5350MHz, 5470 – 5725MHz, 5735 – 5835MHz
Modulation Type	BPSK,QPSK,16-1024-QAM
Antenna Type	antenna array (Qty 4)
Max. Conducted Output Power	802.11a: 141.3mW (21.5dBm) 802.11ax20: 151.4mW (21.8dBm) 802.11ax40: 138.1mW (21.4dBm) 802.11ax80: 112.3mW (20.5dBm)
Maximum EIRP	802.11a: Max EIRP = 223.9mW (23.5dBm) 802.11ax20: Max EIRP = 263.1mW (24.2dBm) 802.11ax40: Max EIRP = 758.6mW (28.8dBm) 802.11ax80: Max EIRP = 323.6mW (25.1dBm)
6dB Bandwidth	802.11a: 16.45MHz 802.11ax20: 19.05MHz 802.11ax40: 38.35MHz 802.11ax80: 77.8MHz
Occupied Bandwidth (99% CBW)	802.11a: 16.5MHz 802.11ax20: 19.2MHz 802.11ax40: 38.5MHz 802.11ax80: 78.5MHz

The EUT listed above was used throughout the test series.

3. Power Input

The EUT was powered by 28VDC from three (3) conductors (positive, negative and ground).

4. Grounding

The EUT was connected to ground through a ground lug on the chassis to the ground plane in addition to the ground pin on its power cable.

5. Support Equipment

The EUT was submitted for testing along with the following support equipment:

Description	Model #	S/N
Laptop w/ Qualcomm Radio Control Tool SW	---	---
Control Board	---	---

6. Interconnect Leads

The following interconnect cables were submitted with the test item:

Item	Description
RJ45 to M12 Cable	Interconnect lead between EUT and laptop

7. Modifications Made to the EUT

No modifications were made to the EUT during the testing.

8. Modes of Operation

The EUT and all peripheral equipment were energized. The unit was programmed to transmit in one of the following modes. All of the configurable modes were investigated manually, and it was determined that the following modes were the worst case.

8.1. Tx

The EUT was configured to transmit in the following WiFi protocols.

Mode	Description
802.11a 6Mbps	- 5180MHz, Power Setting = 18
	- 5220MHz, Power Setting = 18
	- 5240MHz, Power Setting = 18
	- 5260MHz, Power Setting = 18
	- 5300MHz, Power Setting = 18
	- 5320MHz, Power Setting = 18
	- 5500MHz, Power Setting = 18
	- 5620MHz, Power Setting = 18
	- 5720MHz (straddle), Power Setting = 18
	- 5745MHz, Power Setting = 18
802.11ax20 MCS11	- 5785MHz, Power Setting = 18
	- 5825MHz, Power Setting = 18
	- 5180MHz, Power Setting = 18
	- 5220MHz, Power Setting = 18
	- 5240MHz, Power Setting = 18

Mode	Description
	- 5260MHz, Power Setting = 18 - 5300MHz, Power Setting = 18 - 5320MHz, Power Setting = 18 - 5500MHz, Power Setting = 18 - 5620MHz, Power Setting = 18 - 5720MHz (straddle), Power Setting = 18 - 5745MHz, Power Setting = 18 - 5785MHz, Power Setting = 18 - 5825MHz, Power Setting = 18
802.11ax40 MCS11	- 5190MHz, Power Setting = 18 - 5230MHz, Power Setting = 18 - 5270MHz, Power Setting = 18 - 5310MHz, Power Setting = 18 - 5510MHz, Power Setting = 18 - 5630MHz, Power Setting = 18 - 5710MHz (straddle), Power Setting = 18 - 5755MHz, Power Setting = 18 - 5795MHz, Power Setting = 18
802.11ax80 MCS11	- 5210MHz, Power Setting = 18 - 5290MHz, Power Setting = 18 - 5530MHz, Power Setting = 18 - 5610MHz, Power Setting = 18 - 5690MHz (straddle), Power Setting = 18 - 5775MHz, Power Setting = 18

9. Test Specifications

The tests were performed to selected portions of, and in accordance with, the test specifications.

- Federal Communications Commission "Code of Federal Regulations", Title 47, Chapter I, Subchapter A, Part 15, Subpart E
- ANSI C63.10-2013, "American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices"
- Federal Communications Commission Office of Engineering and Technology Laboratory Division, Guidance For Compliance Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E KDB 789033 D02v02r01
- Federal Communications Commission Office of Engineering and Technology Laboratory Division, Emissions Testing of Transmitters with Multiple Outputs in the Same Band, KDB662911 D01v02r01
- RSS-Gen Issue 5, February 2020, Amendment 2, Innovation, Science, and Economic Development Canada, "General Requirements for Compliance of Radio Apparatus"
- RSS-247 Issue 2, February 2017, "Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSs) and License-Exempt Local Area Network (LE-LAN) Devices"

10. Test Plan

No test plan was provided. Instructions were provided by personnel from Righthand Technologies Inc and used in conjunction with the FCC "Code of Federal Regulations" Title 47 Part 15, Subpart C, Section 15.247, Innovation, Science, and Economic Development Canada, RSS-247, and ANSI C63.4-2014 specifications.

11. Deviation, Additions to, or Exclusions from Test Specifications

There were no deviations, additions to, or exclusions from the test specifications during this test series.

12. Laboratory Conditions

The ambient parameters of the laboratory during testing were as follows:

Ambient Parameters	Value
Temperature	22°C
Relative Humidity	32%
Atmospheric Pressure	1012.7mb

13. Summary

The following EMC tests were performed and the results are shown below:

Test Description	Requirements	Test Method	S/N	Results
6dB Bandwidth	FCC 15.407 ISED RSS-247	ANSI C63.10:2013	CL6W100037	Conforms
Occupied Bandwidth (99%)	FCC 15.407 ISED RSS-247	ANSI C63.10:2013	CL6W100037	Conforms
26dB EBW	FCC 15.407 ISED RSS-247	ANSI C63.10:2013	CL6W100037	Conforms
Maximum Conducted Output Power	FCC 15.407 ISED RSS-247	ANSI C63.10:2013	CL6W100037	Conforms
Effective Isotropic Radiated Power (EIRP)	FCC 15.407 ISED RSS-247	ANSI C63.10:2013	CL6W100037	Conforms
Case Spurious Radiated Emissions	FCC 15.407 ISED RSS-247	ANSI C63.10:2013	CL6W100037	Conforms
Band-Edge Compliance	FCC 15.407 ISED RSS-247	ANSI C63.10:2013	CL6W100037	Conforms
Power Spectral Density	FCC 15.407 ISED RSS-247	ANSI C63.10:2013	CL6W100037	Conforms

14. Sample Calculations

For Powerline Conducted Emissions:

The resultant voltage level (VL) is a summation in decibels (dB) of the receiver meter reading (MTR) and the cable loss factor (CF).

$$\text{Formula 1: } VL \text{ (dB}\mu\text{V)} = \text{MTR (dB}\mu\text{V)} + \text{CF (dB)}.$$

For Radiated Emissions:

The resultant field strength (FS) is a summation in decibels (dB) of the receiver meter reading (MTR), the antenna correction factor (AF), and the cable loss factor (CF). If an external preamplifier is used, the total is reduced by its gain (-PA). If a distance correction (DC) is required, it is added to the total.

$$\text{Formula 1: } FS \text{ (dB}\mu\text{V/m)} = \text{MTR (dB}\mu\text{V)} + \text{AF (dB/m)} + \text{CF (dB)} + (-PA \text{ (dB)}) + \text{DC (dB)}$$

To convert the Field Strength dB μ V/m term to μ V/m, the dB μ V/m is first divided by 20. The Base 10 AntiLog is taken of this quotient. The result is the Field Strength value in μ V/m terms.

$$\text{Formula 2: FS } (\mu\text{V/m}) = \text{AntiLog} [(\text{FS (dB}\mu\text{V/m)})/20]$$

15. Statement of Conformity

The Righthand Technologies Inc CABINLINK6 WAP (Model No. CL6, Serial No. CL6W100037) did fully conform to the selected requirements of FCC "Code of Federal Regulations" Title 47 Part 15, Subpart C, Section 15.247 and Innovation, Science, and Economic Development Canada, RSS-247.

16. Certification

Elite Electronic Engineering Incorporated certifies that the information contained in this report was obtained under conditions which meet or exceed those specified in the FCC "Code of Federal Regulations" Title 47 Part 15, Subpart C, Section 15.247 and Innovation, Science, and Economic Development Canada, RSS-247 test specifications. The data presented in this test report pertains to the EUT as received by the customer on the test date specified. Any electrical or mechanical modifications made to the EUT subsequent to the specified test date will serve to invalidate the data and void this certification.

17. Photographs of EUT



18. Equipment List

Eq ID	Equipment Description	Manufacturer	Model No.	Serial No.	Frequency Range	Cal Date	Due Date
APW10	PREAMPLIFIER	PMI	PE2-35-120-5R0-10-12-SFF	PL11685/1241	1GHZ-20GHZ	3/10/2023	3/10/2024
APW18	PREAMPLIFIER	PLANAR	PE2-30-20G20RG6-3R0-10-12-SFF	PL34312/2148	18-26.5GHZ	1/19/2023	1/19/2024
APW5	PREAMPLIFIER	PLANAR	PE2-36-26D540G-5R0-1	PL3044/0651	26.5GHZ-40GHZ	9/21/2022	9/21/2023
CDZ3	LAB WORKSTATION	ELITE	LWS-10		WINDOWS 10	CNR	
GSE2	SIGNAL GENERATOR (40GHZ)	ROHDE & SCHWARZ	SMB100A	183293	100KHZ-40GHZ	1/26/2023	1/26/2024
GSFB	OSP120 BASE UNIT	ROHDE & SCHWARZ	OSP120	101071	---	3/30/2023	3/30/2025
GSFE	OSP120	ROHDE & SCHWARZ	OSP120	101288	.01-40GHZ	4/4/2023	4/4/2025
NHG1	STANDARD GAIN HORN ANTENNA	NARDA	638	---	18-26.5GHZ	NOTE 1	
NHH0	STANDARD GAIN HORN ANTENNA	NARDA	V637	---	26.5-40GHZ	NOTE 1	
NTA3	BILOG ANTENNA	TESEQ	6112D	32853	25-1000MHz	11/17/2022	11/17/2024
NTA4	BILOG ANTENNA	TESEQ	6112D	46660	20-2000GHZ	10/26/2022	10/26/2024
NWQ0	DOUBLE RIDGED WAVEGUIDE ANTENNA	ETS LINDGREN	3117	66657	1GHZ-18GHZ	6/13/2022	6/13/2024
NWQ1	DOUBLE RIDGED WAVEGUIDE ANTENNA	ETS-LINDGREN	3117	66655	1GHZ-18GHZ	5/26/2022	5/26/2024
NWQ2	DOUBLE RIDGED WAVEGUIDE ANTENNA	ETS LINDGREN	3117	66659	1GHZ-18GHZ	4/27/2022	4/27/2024
R23P	ROOM 23			001	---	CNR	
RBG2	EMI ANALYZER	ROHDE & SCHWARZ	ESW44	101591	2HZ-44GHZ	4/10/2023	4/10/2024
RBG4	EMI ANALYZER	ROHDE & SCHWARZ	ESW44	103007	2HZ-44GHZ	12/8/2022	12/8/2023
RBH5	EMI ANALYZER	ROHDE & SCHWARZ	ESW26	103068	2HZ-26GHZ	12/8/2022	12/8/2023
SES0	24VDC POWER SUPPLY	P-TRANS	FS-32024-1M	001	18-27VDC	NOTE 1	
TVF0	VARIABLE ATTENUATOR	HEWLETT PACKARD	8494B	3405	DC-18GHZ	1/6/2023	1/6/2025
WKA1	SOFTWARE, UNIVERSAL RCV EMI	ELITE	UNIV_RCV_EMI	1	---	I/O	
WOJ0	SOFTWARE, BSI61000-4-3 RS	ELITE	BSI_610004_3_RS	1	80-2000MHZ	I/O	
XPQ5	FILTER	K&L MICROWAVE	11SH10-9000/U2000-O/O	1	5000-5800 MHZ	9/7/2021	9/7/2023
XYF2	POWER SPLITTER	AGILENT	11667A	MY42254138	DC TO 18GHZ	3/22/2022	3/22/2024

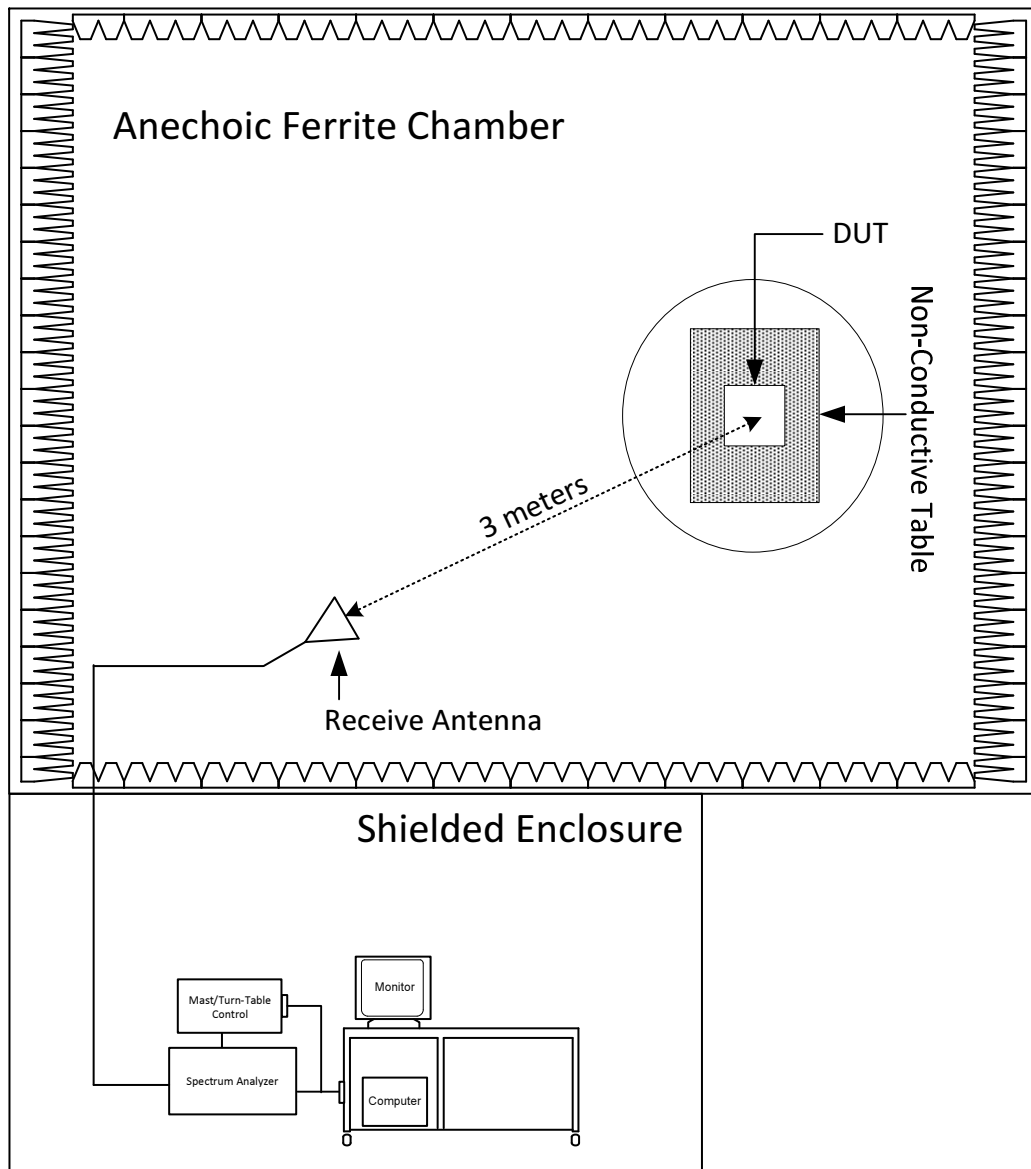
N/A: Not Applicable

I/O: Initial Only

CNR: Calibration Not Required

NOTE 1: For the purpose of this test, the equipment was calibrated over the specified frequency range, pulse rate, or modulation prior to the test or monitored by a calibrated instrument.

19. Block Diagram of Test Setup



Radiated Measurements Test Setup

20. 6dB Bandwidth

EUT Information	
Manufacturer	Righthand Technologies Inc
Product	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx

Test Setup Details	
Setup Format	Tabletop
Height of Support	N/A
Measurement Method	Antenna Conducted
Type of Test Site	Tabletop
Test Site Used	N/A
Type of Antennas Used	N/A
Notes	None

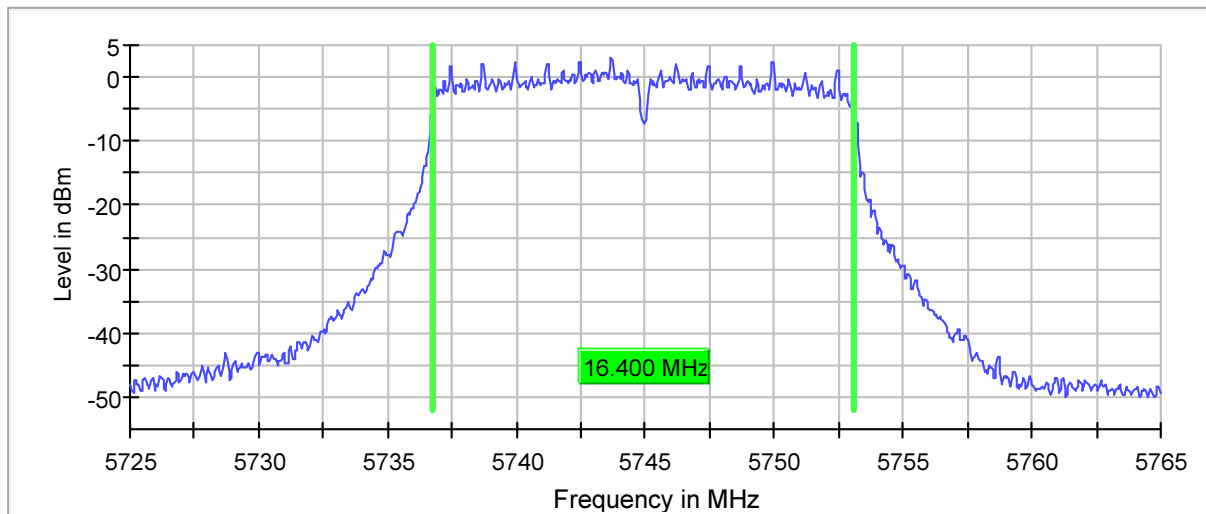
Requirements
Per FCC 15.407(e) and RSS-247 Section 6.2.4.2, the minimum 6dB bandwidth shall be at least 500kHz for the band 5.725–5.85 GHz.

Procedure
Antenna Port 1 of the EUT was connected to the DUT 1 port of the Rohde & Schwarz OSP 120/OSP-B157 system via a coaxial cable and RF attenuator. Each antenna port of the EUT was connected to a separate port (DUT 2, DUT 3, and DUT 4) via separate coaxial cables and RF attenuators. - The following settings were employed on the EMI Test Receiver: - Center Frequency = Transmit Frequency of the EUT - Frequency Span = 2 x Occupied Channel Bandwidth - RBW = 100kHz - VBW = 3 x RBW - Detector Mode = Max Peak - Trace Mode = Max Hold - Allow the trace to stabilize. - Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value). - Determine the 6dB down amplitude. - Place two markers, one at the lowest frequency and the other at the highest frequency of the envelope trace, such that each marker is at or slightly below the 6dB down amplitude determined in step d). If a marker is below this 6dB down amplitude value, then it shall be as close as possible to this value. The occupied bandwidth is the frequency difference between the two markers.

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5745MHz
Result	6dB BW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5745.000000	16.400000	0.500000	---	5736.725000	5753.125000	3.0	PASS

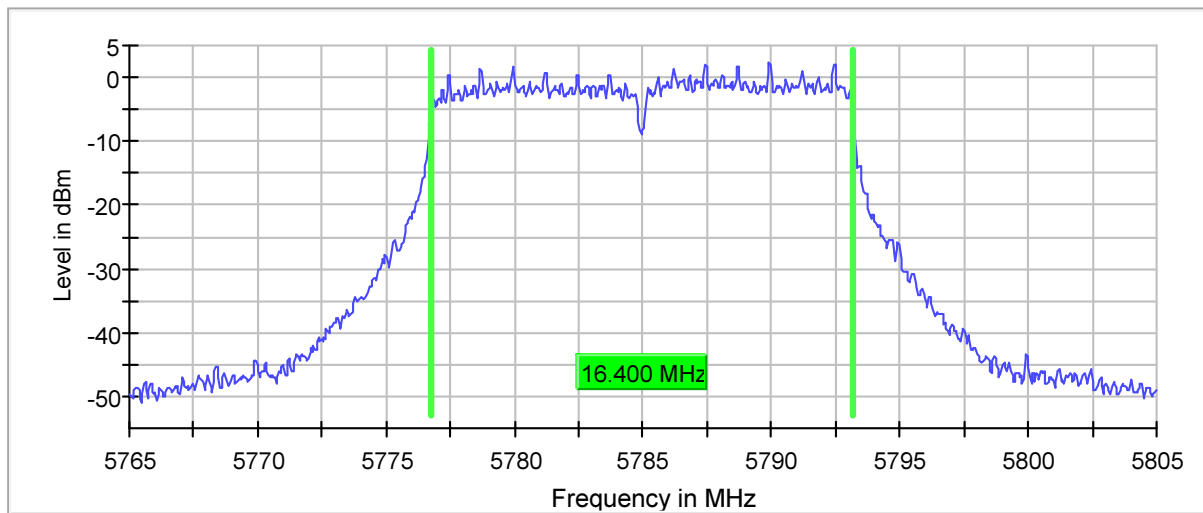
6 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5785MHz
Result	6dB BW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5785.000000	16.400000	0.500000	---	5776.775000	5793.175000	2.2	PASS

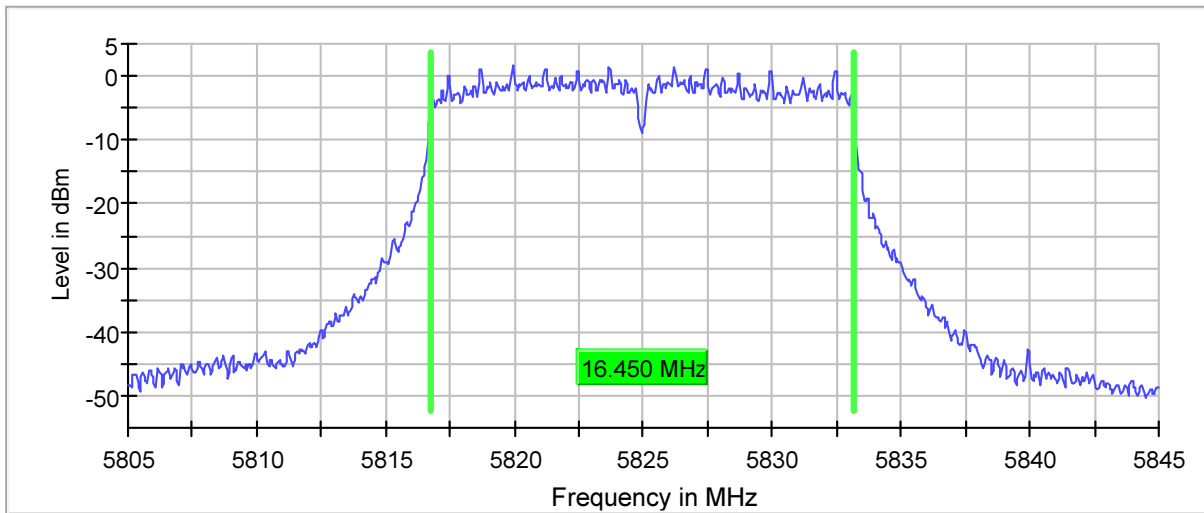
6 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5825MHz
Result	6dB BW = 16.45MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5825.000000	16.450000	0.500000	---	5816.725000	5833.175000	1.7	PASS

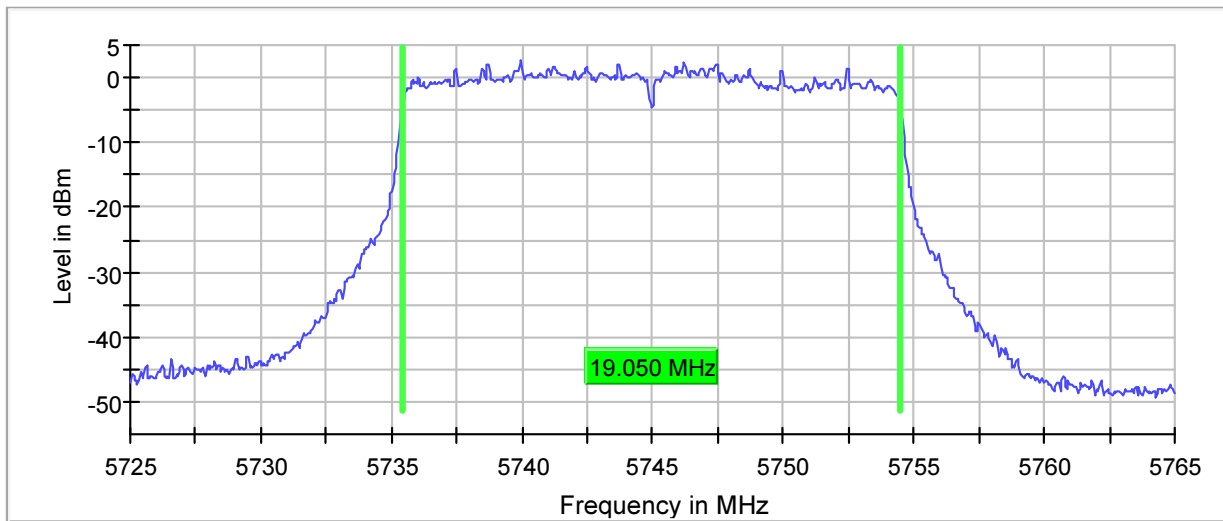
6 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5745MHz
Result	6dB BW = 19.05MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5745.000000	19.050000	0.500000	---	5735.425000	5754.475000	2.5	PASS

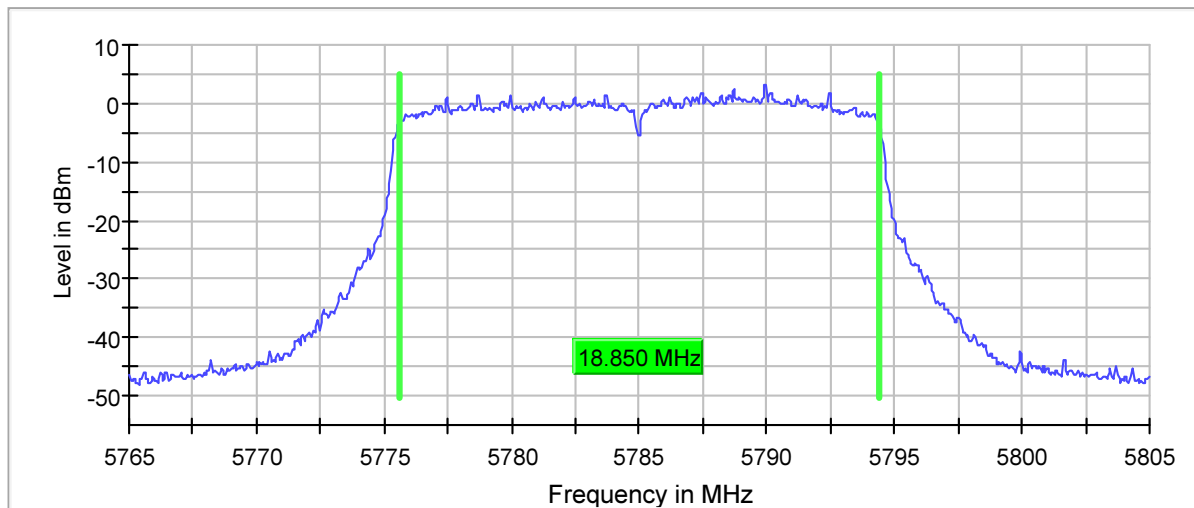
6 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5785MHz
Result	6dB BW = 18.85MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5785.000000	18.850000	0.500000	---	5775.575000	5794.425000	3.0	PASS

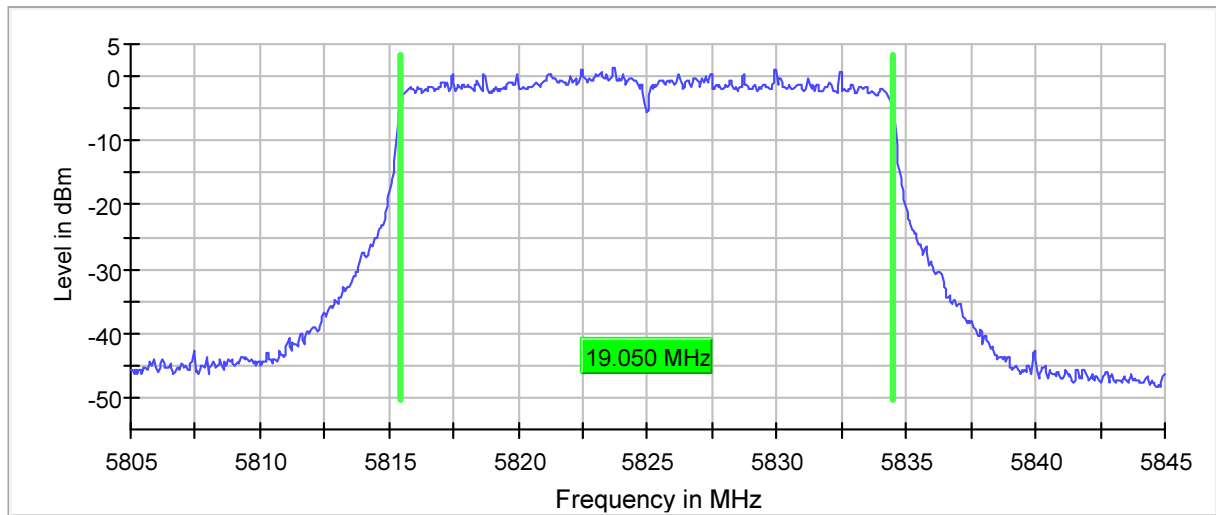
6 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5825MHz
Result	6dB BW = 19.05MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5825.000000	19.050000	0.500000	---	5815.425000	5834.475000	1.5	PASS

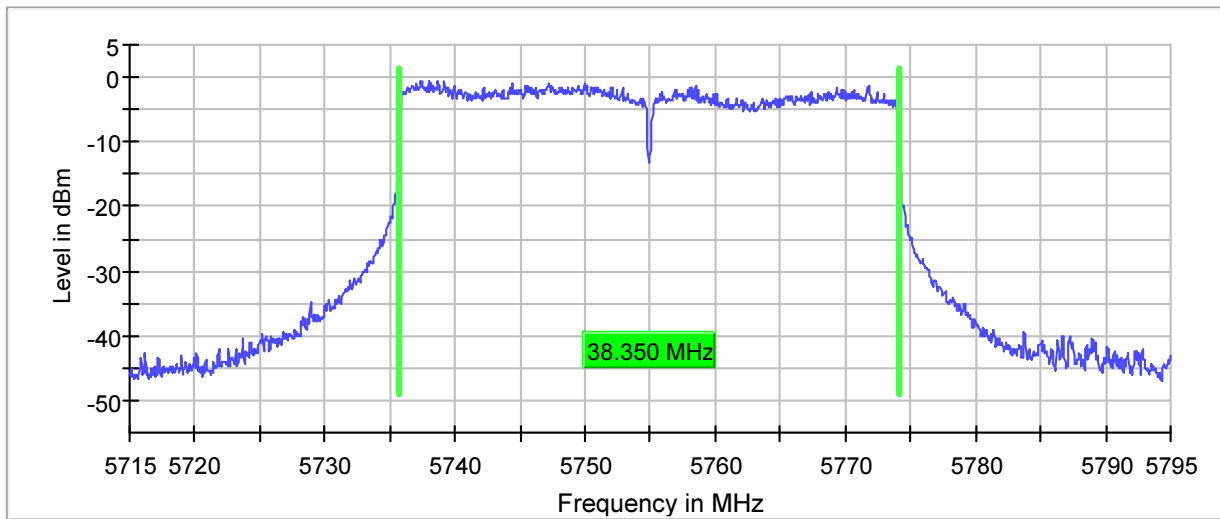
6 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5755MHz
Result	6dB BW = 38.35MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5755.000000	38.350000	0.500000	---	5735.725000	5774.075000	-0.5	PASS

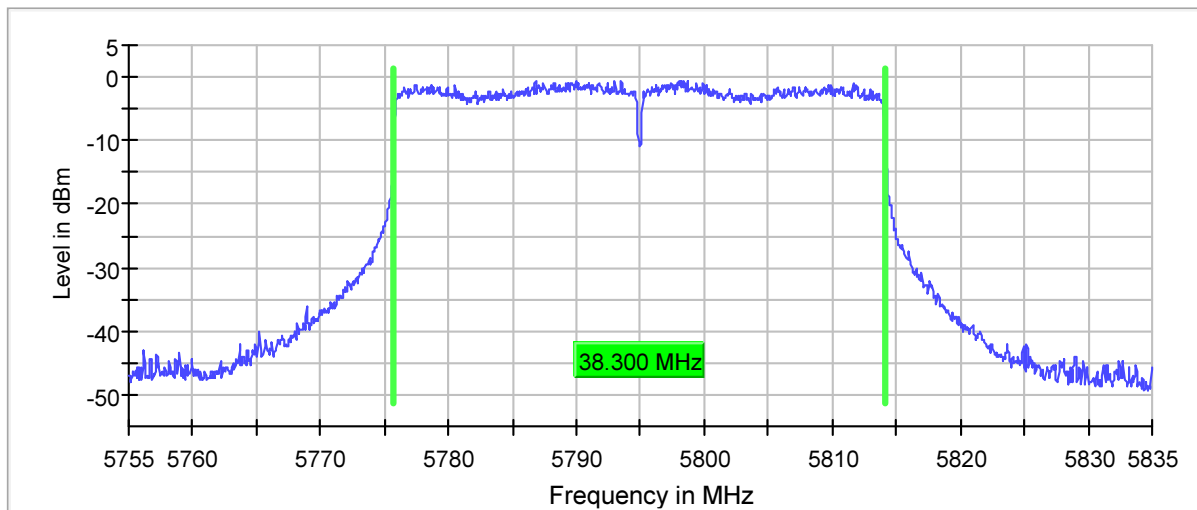
6 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5795MHz
Result	6dB BW = 38.3MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5795.000000	38.300000	0.500000	---	5775.775000	5814.075000	-0.5	PASS

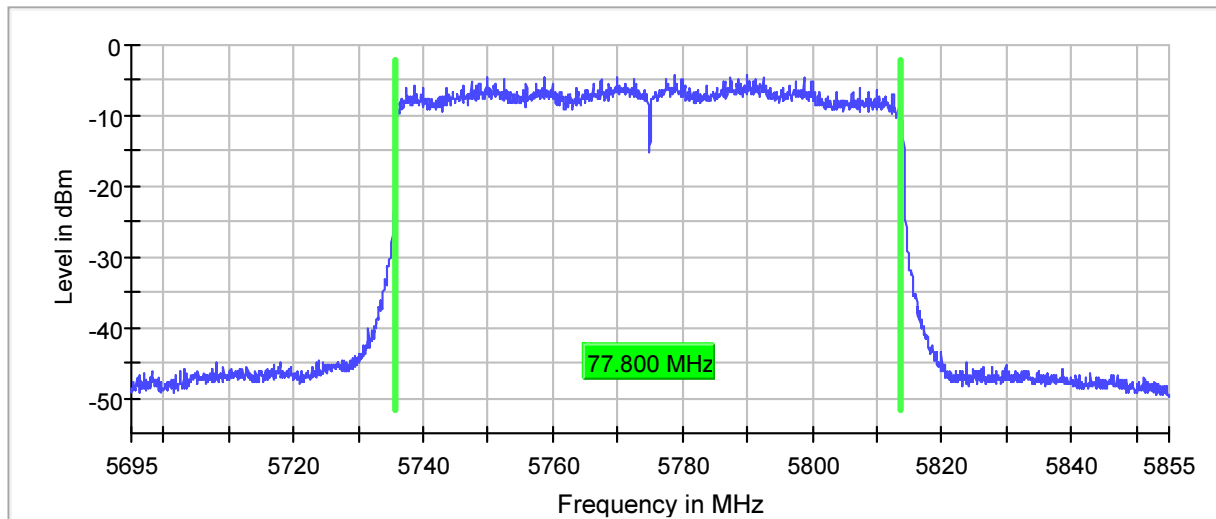
6 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5775MHz
Result	6dB BW = 77.8MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5775.000000	77.800000	0.500000	---	5735.875000	5813.675000	-4.2	PASS

6 dB Bandwidth



21. Occupied Bandwidth (99%)

EUT Information	
Manufacturer	Righthand Technologies Inc
Product	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx

Test Setup Details	
Setup Format	Tabletop
Height of Support	N/A
Measurement Method	Antenna Conducted
Type of Test Site	Semi-Anechoic Chamber
Test Site Used	N/A
Type of Antennas Used	N/A
Notes	None

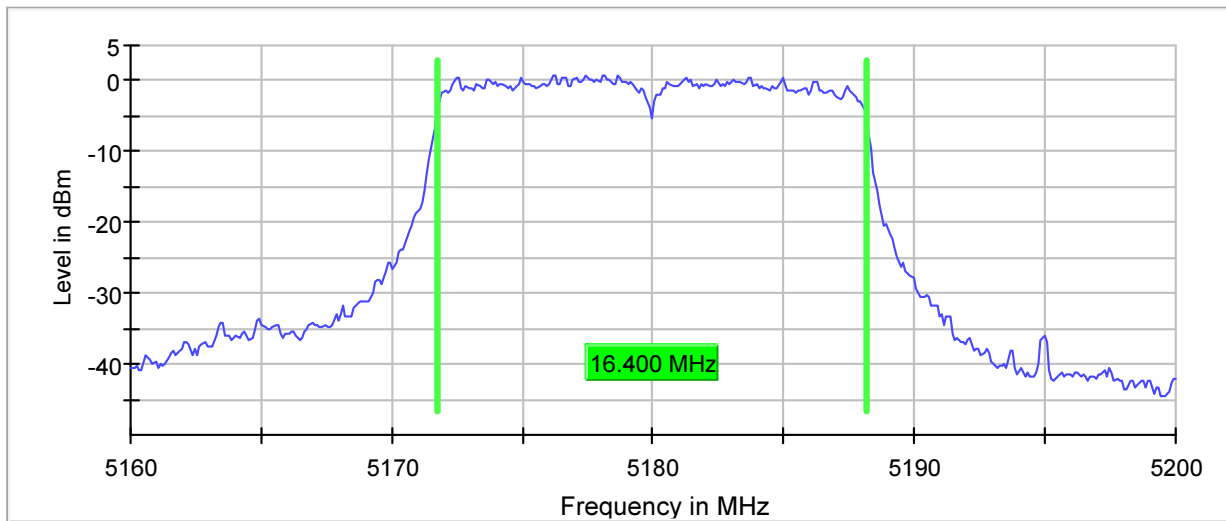
Requirement
RSS-Gen requires the measurement of the 99% bandwidth (Occupied Bandwidth).

Procedure
Antenna Port 1 of the EUT was connected to the DUT 1 port of the Rohde & Schwarz OSP 120/OSP-B157 system via a coaxial cable and RF attenuator. Each antenna port of the EUT was connected to a separate port (DUT 2, DUT 3, and DUT 4) via separate coaxial cables and RF attenuators. - The following settings were employed on the EMI Test Receiver: - Center Frequency = Transmit Frequency of the EUT - Frequency Span = Between 1.5x and 5x the OBW - RBW = Between 1% to 5% of the OBW - VBW = Approximately 3 x RBW - Detector Mode = Max Peak - Trace Mode = Max Hold - Allow the trace to stabilize. - Use the 99% power bandwidth function of the EMI receiver.

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5180MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5180.000000	16.400000	---	---	5171.750000	5188.150000	PASS

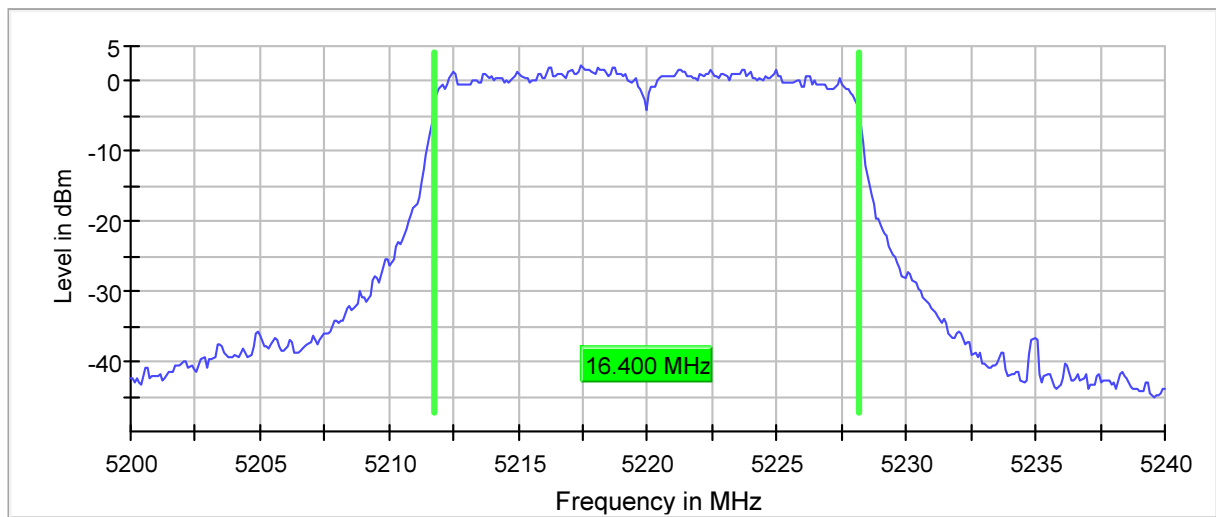
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5220MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5220.000000	16.400000	---	---	5211.750000	5228.150000	PASS

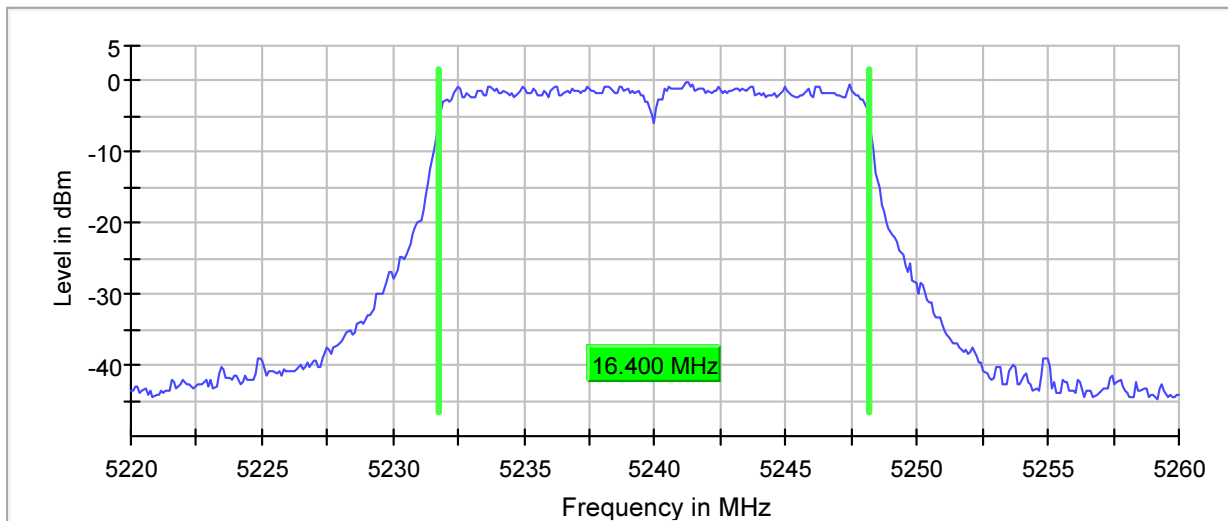
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5240MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5240.000000	16.400000	---	---	5231.750000	5248.150000	PASS

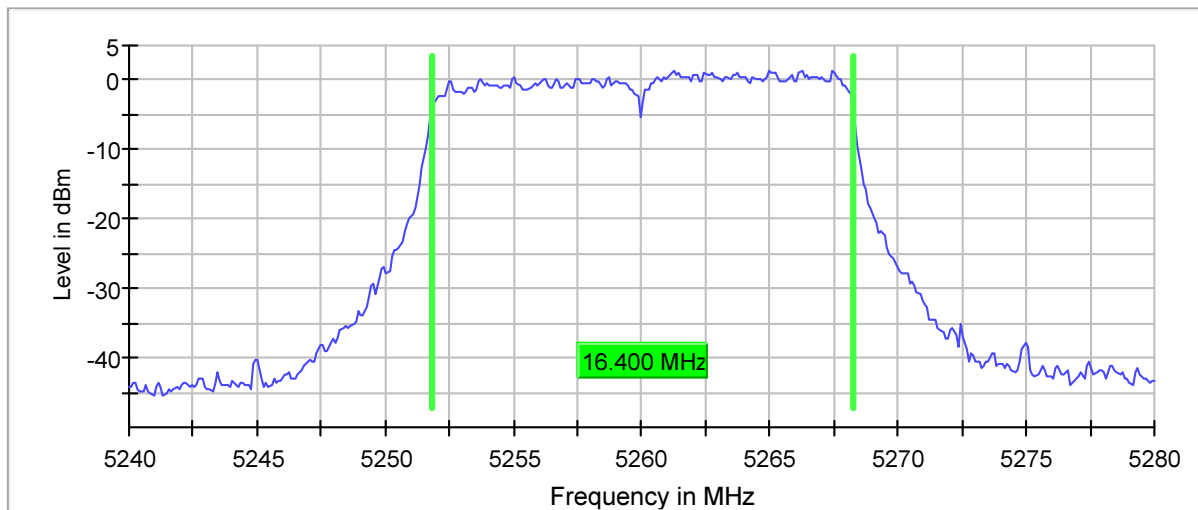
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5260MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5260.000000	16.400000	---	---	5251.850000	5268.250000	PASS

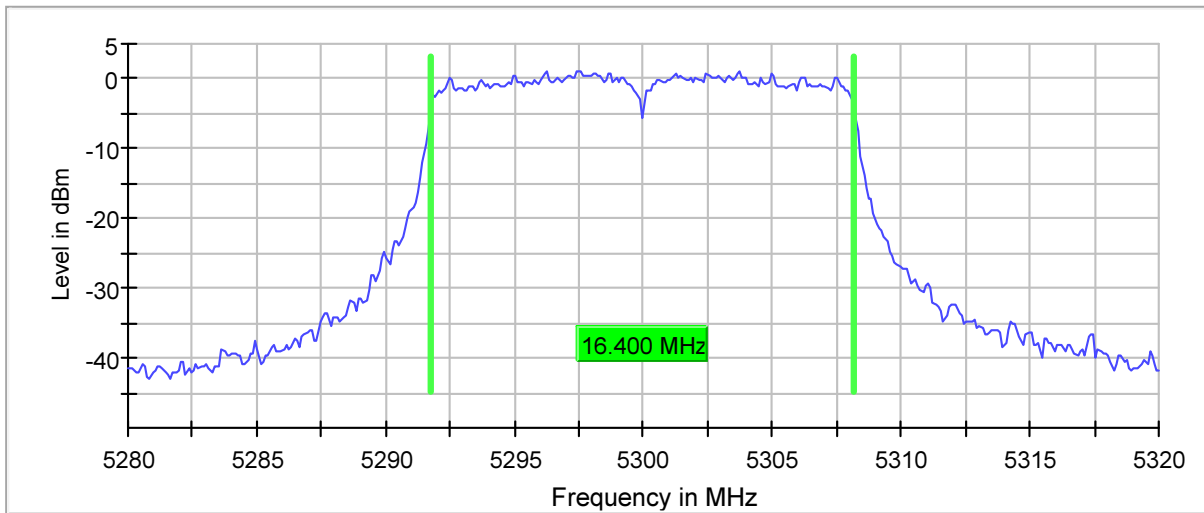
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5300MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5300.000000	16.400000	---	---	5291.750000	5308.150000	PASS

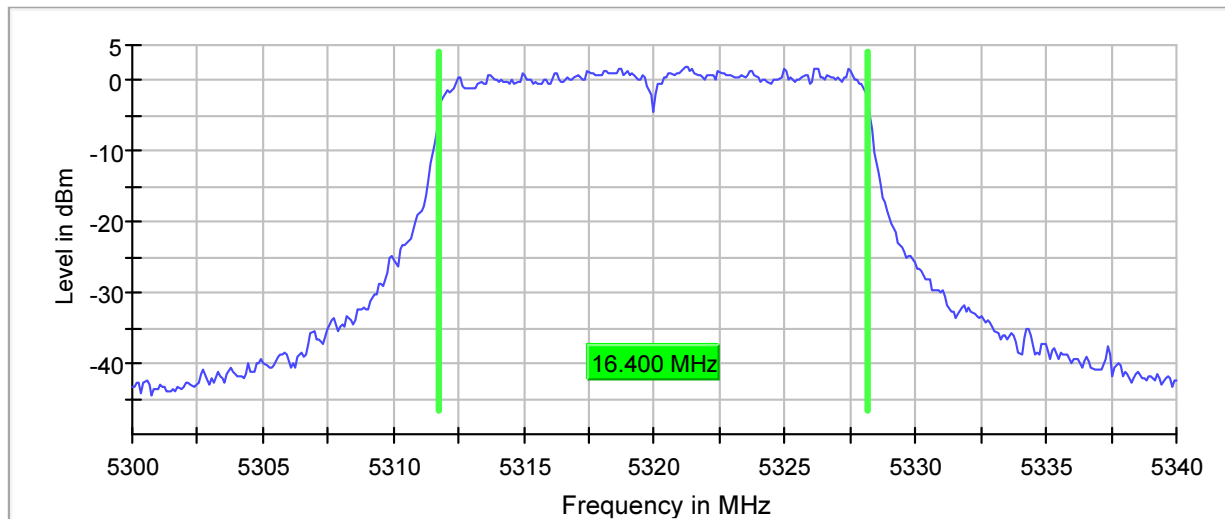
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5320MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5320.000000	16.400000	---	---	5311.750000	5328.150000	PASS

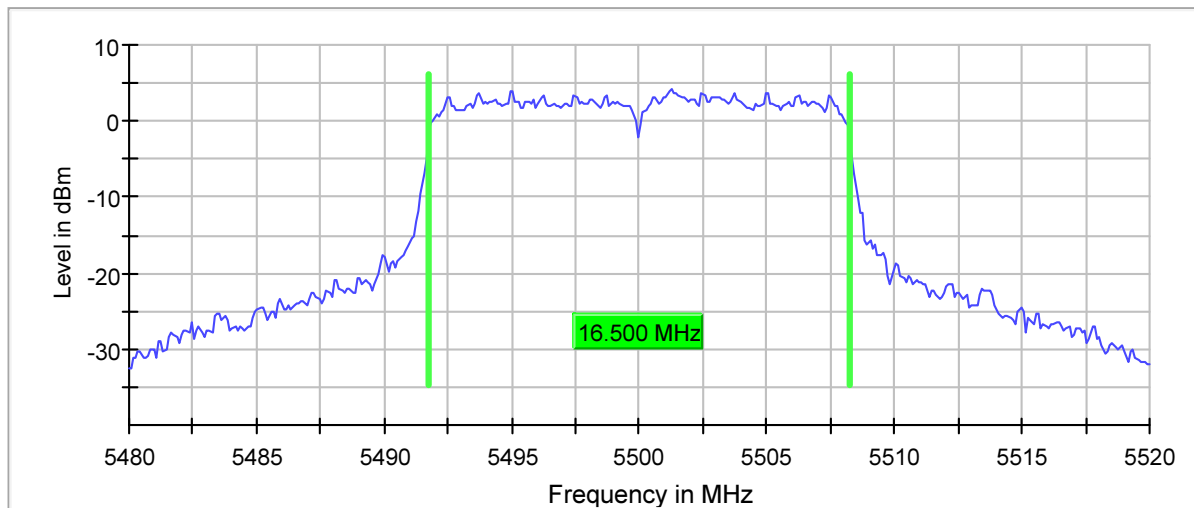
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5500MHz
Result	OBW = 16.5MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5500.000000	16.500000	---	---	5491.750000	5508.250000	PASS

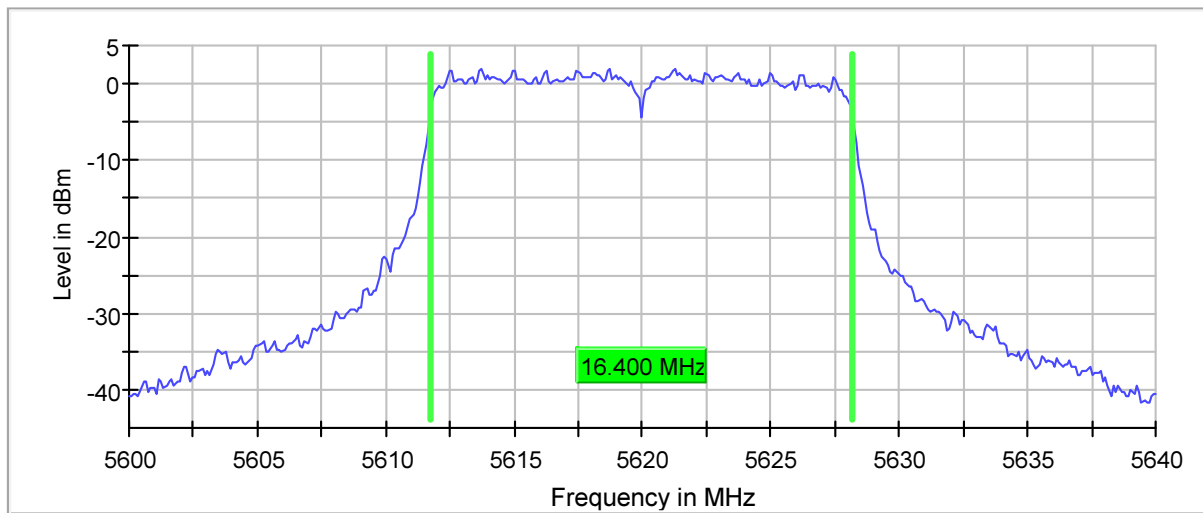
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5620MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5620.000000	16.400000	---	---	5611.750000	5628.150000	PASS

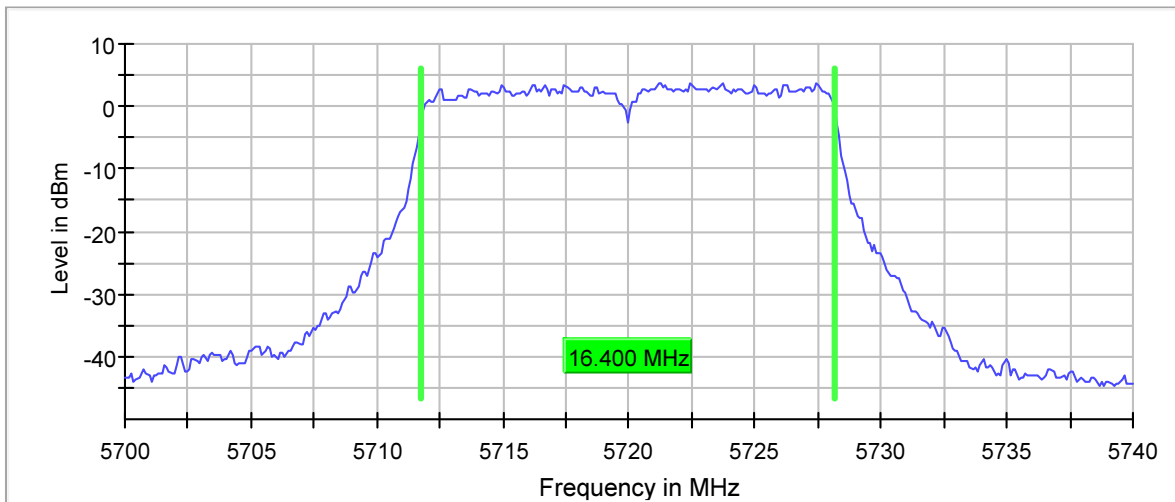
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5720MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5720.000000	16.400000	13.250000	3.150000	---	---	5711.750000	5728.150000	PASS

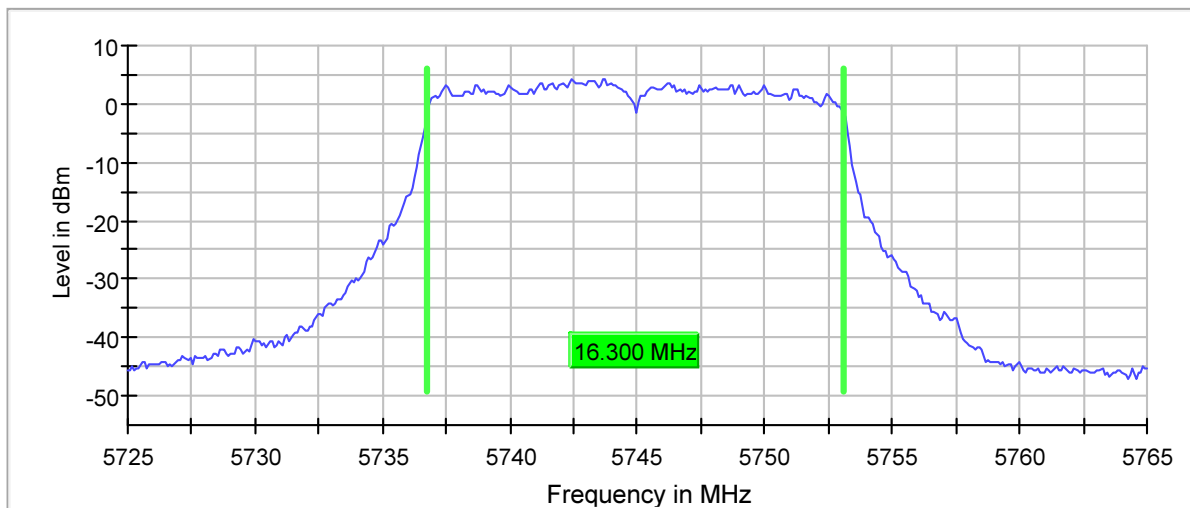
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5745MHz
Result	OBW = 16.3MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5745.000000	16.300000	---	---	5736.750000	5753.050000	PASS

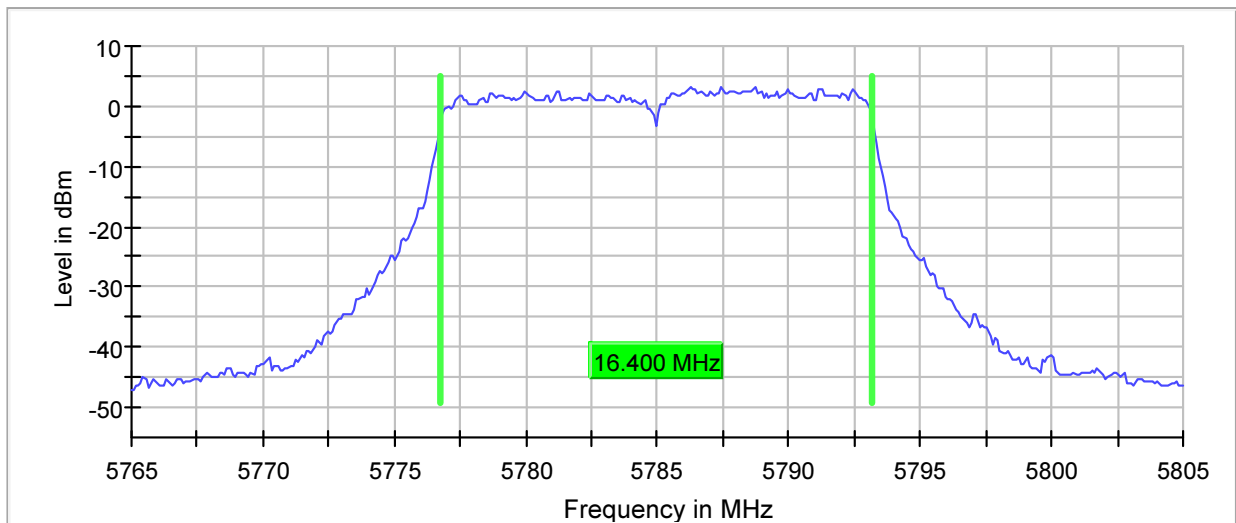
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5785MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5785.000000	16.400000	---	---	5776.750000	5793.150000	PASS

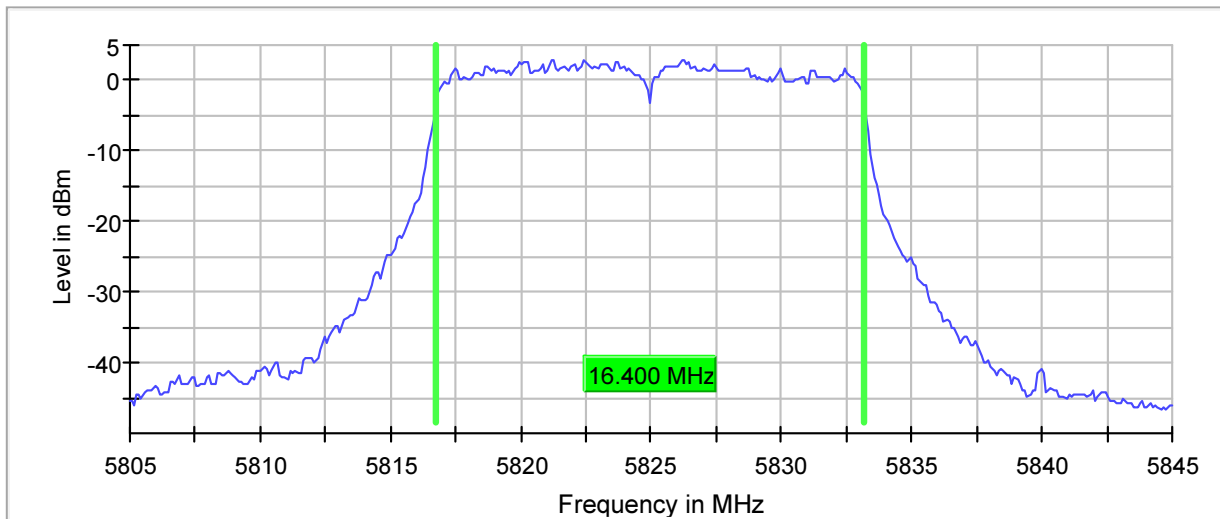
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5825MHz
Result	OBW = 16.4MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5825.000000	16.400000	---	---	5816.750000	5833.150000	PASS

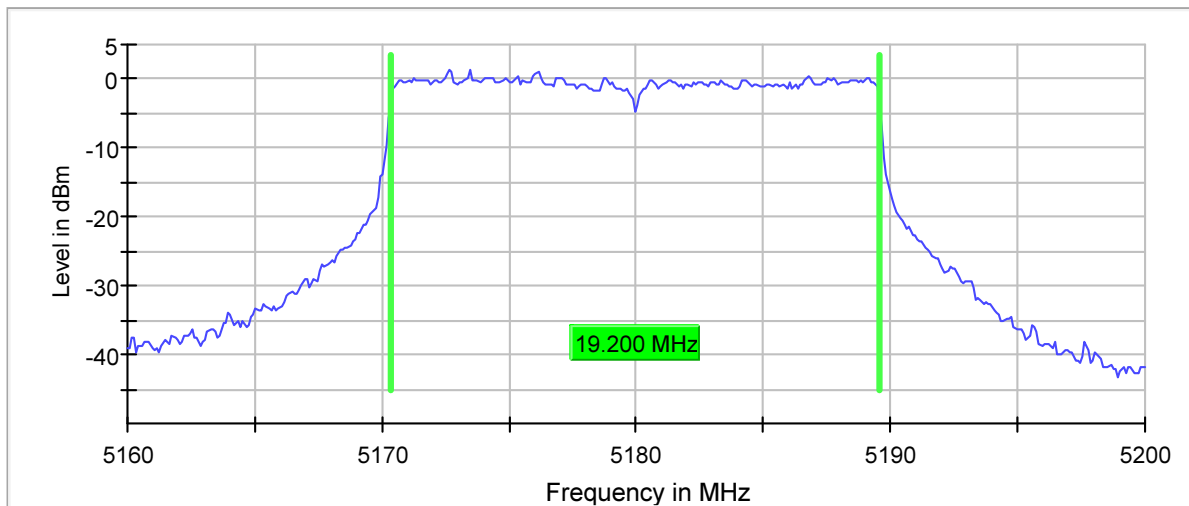
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5180MHz
Result	OBW = 19.2MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5180.000000	19.200000	---	---	5170.350000	5189.550000	PASS

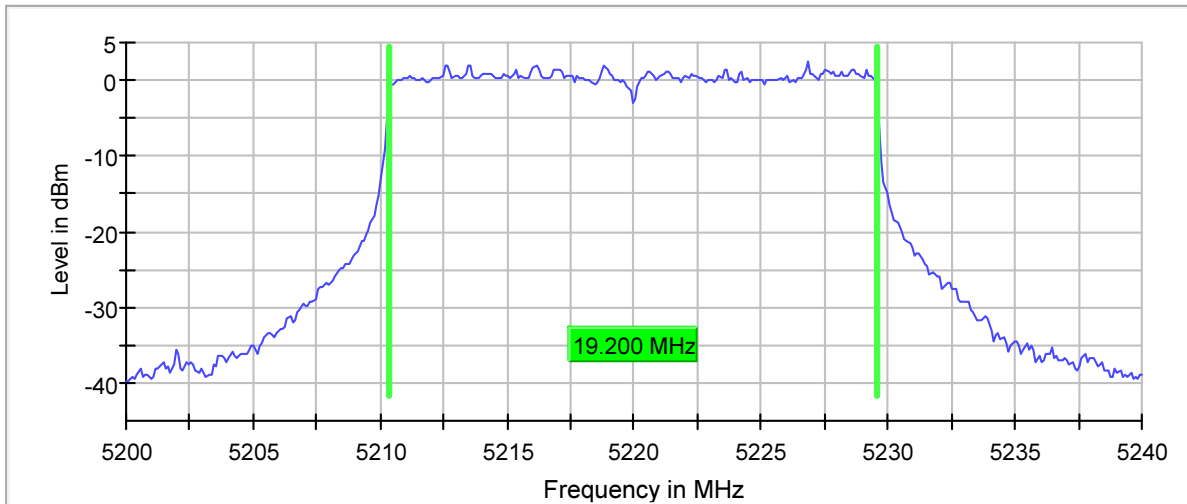
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5220MHz
Result	OBW = 19.2MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5220.000000	19.200000	---	---	5210.350000	5229.550000	PASS

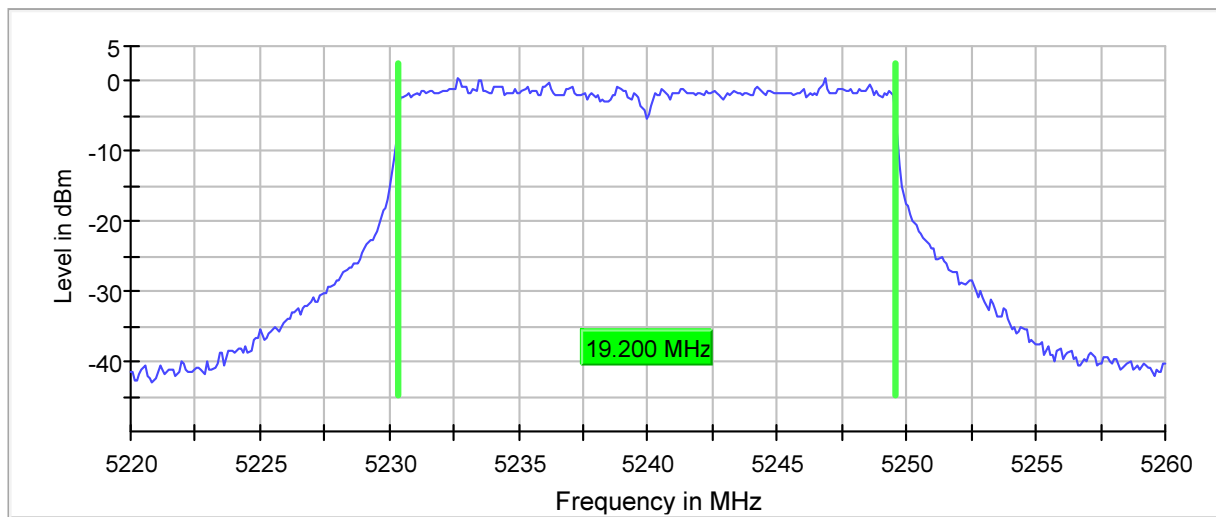
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5240MHz
Result	OBW = 19.2MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5240.000000	19.200000	---	---	5230.350000	5249.550000	PASS

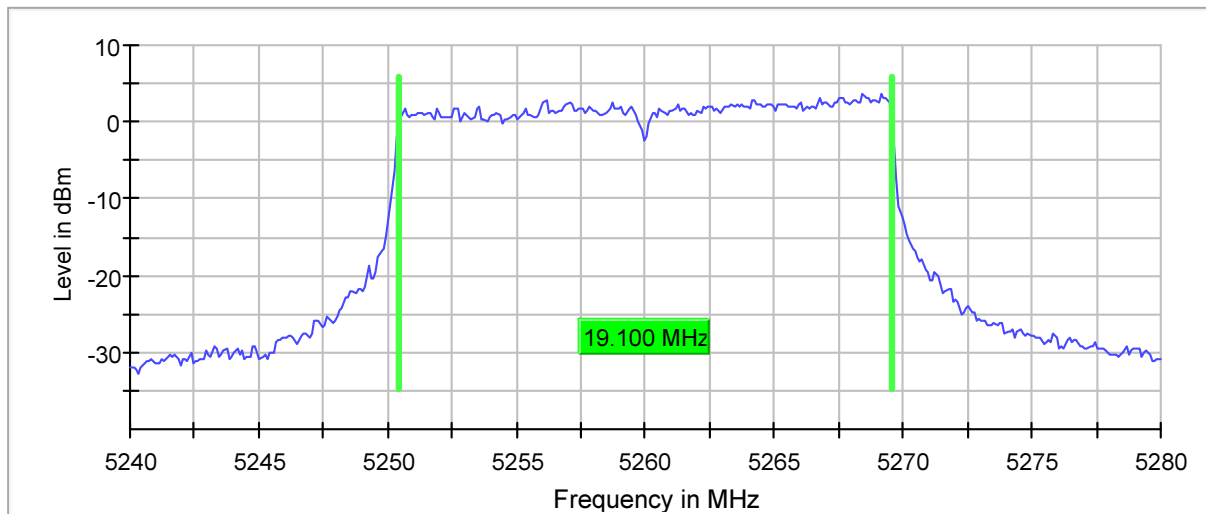
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5260MHz
Result	OBW = 19.1MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5260.000000	19.100000	---	---	5250.450000	5269.550000	PASS

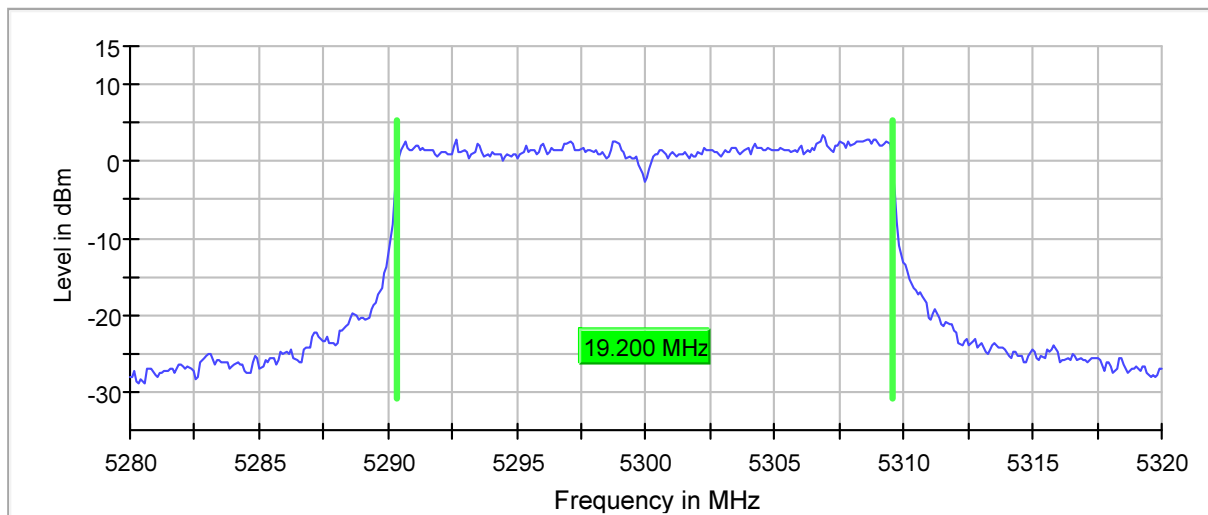
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5300MHz
Result	OBW = 19.2MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5300.000000	19.200000	---	---	5290.350000	5309.550000	PASS

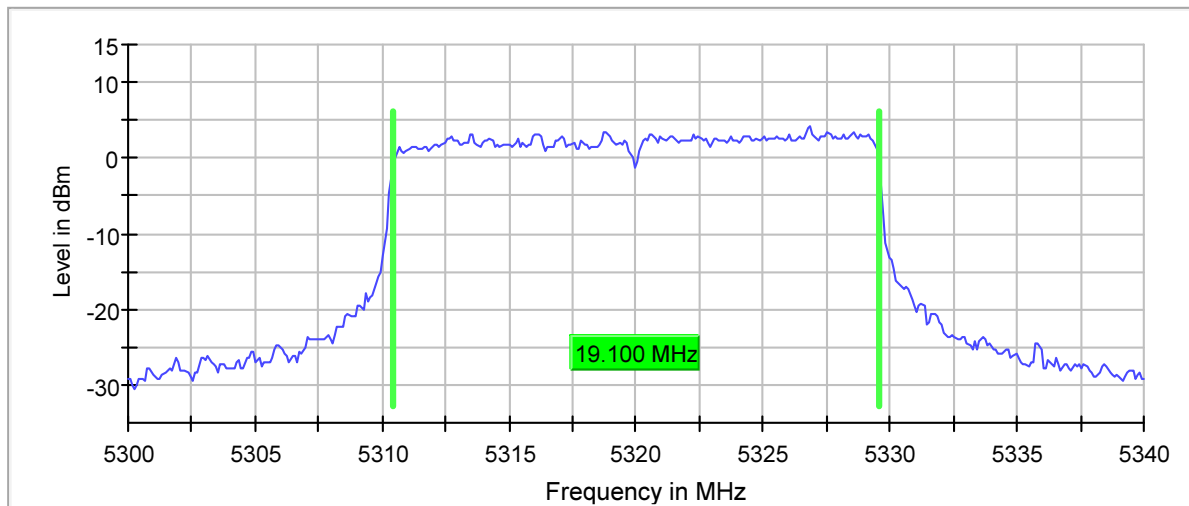
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5320MHz
Result	OBW = 19.1MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5300.000000	19.200000	---	---	5290.350000	5309.550000	PASS

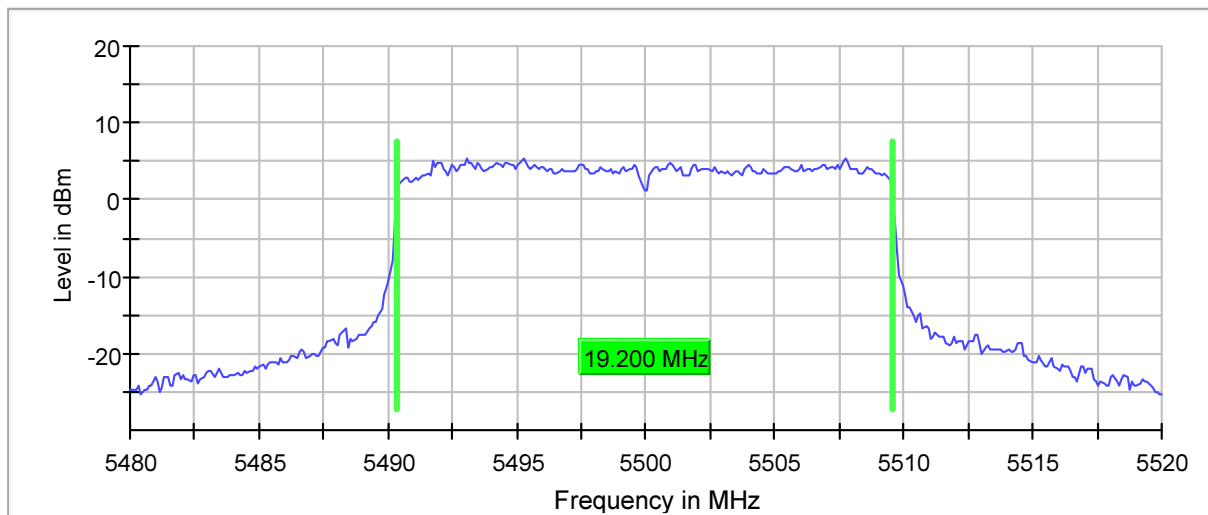
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5500MHz
Result	OBW = 19.2MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5500.000000	19.200000	---	---	5490.350000	5509.550000	PASS

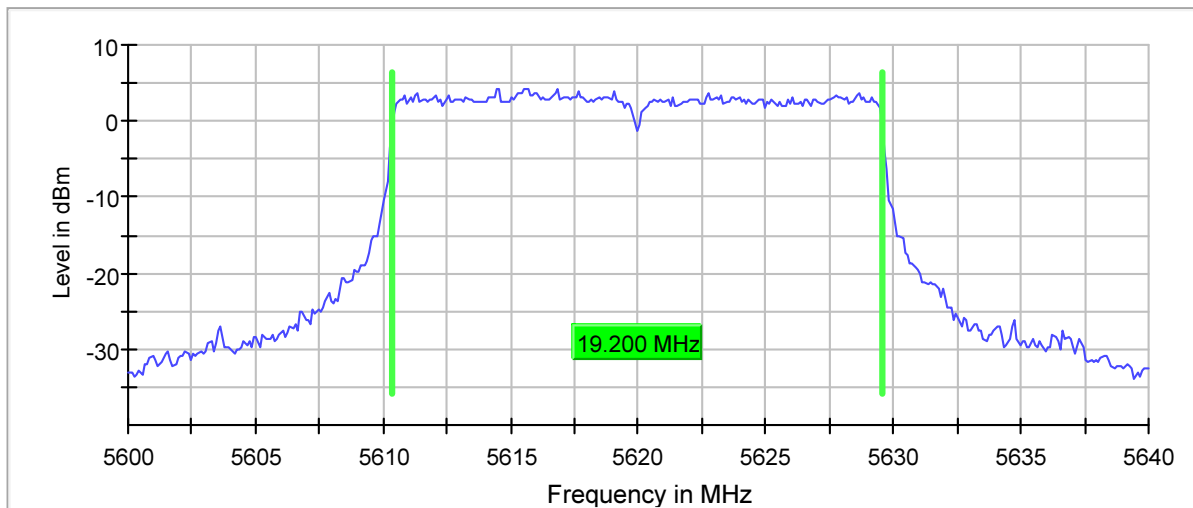
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5620MHz
Result	OBW = 19.2MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5620.000000	19.200000	---	---	5610.350000	5629.550000	PASS

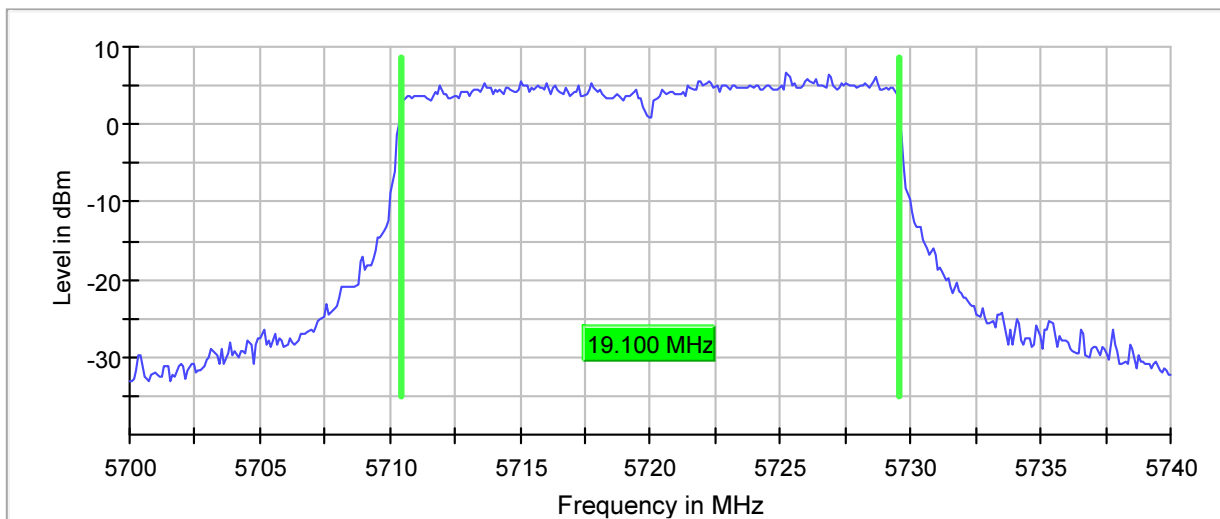
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5720MHz
Result	OBW = 19.1MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5720.000000	19.100000	14.550000	4.550000	---	---	5710.450000	5729.550000	PASS

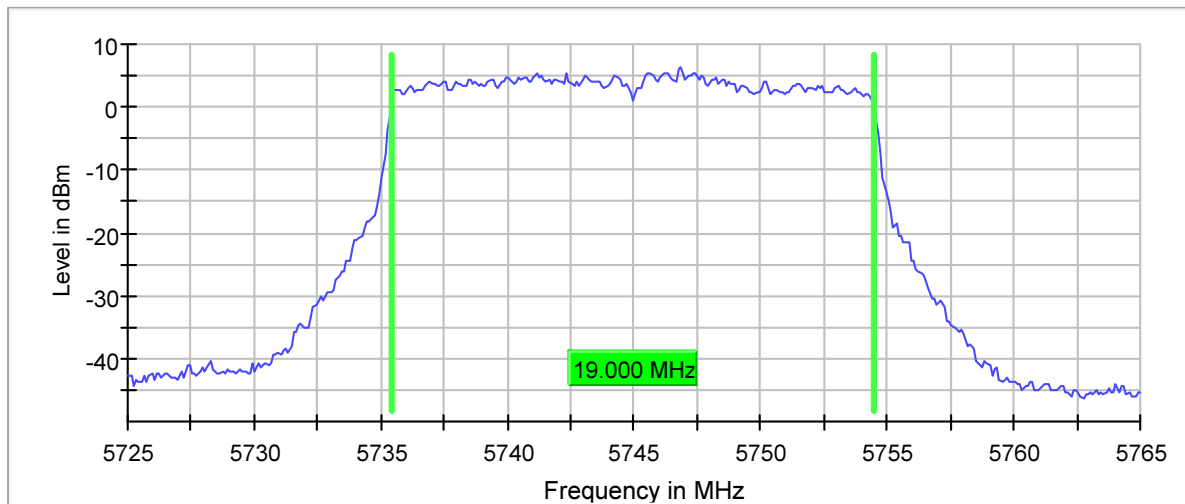
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5745MHz
Result	OBW = 19MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5745.000000	19.000000	---	---	5735.450000	5754.450000	PASS

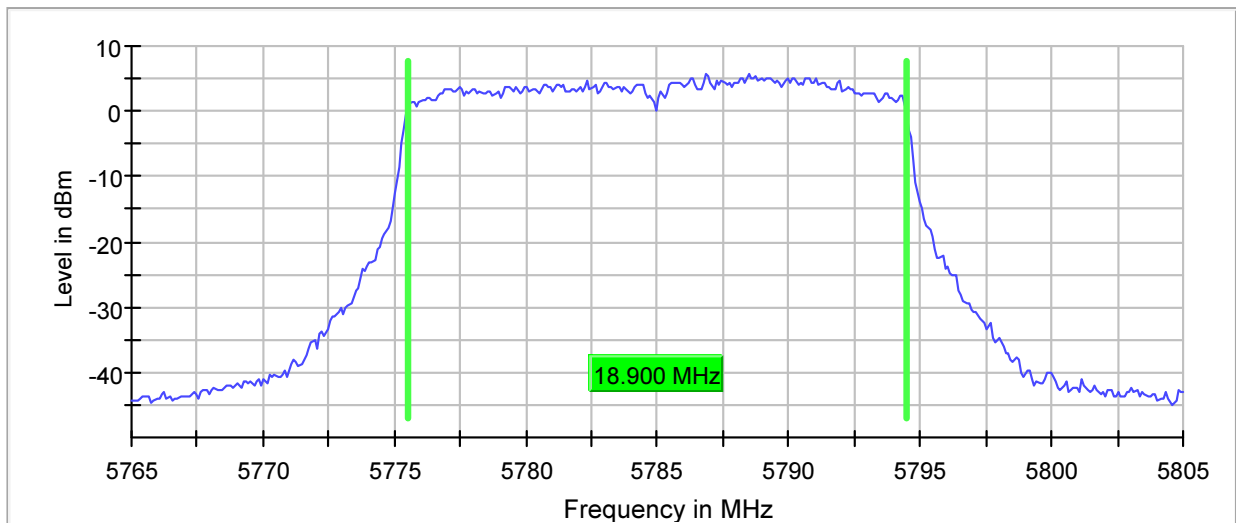
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5785MHz
Result	OBW = 18.9MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5785.000000	18.900000	---	---	5775.550000	5794.450000	PASS

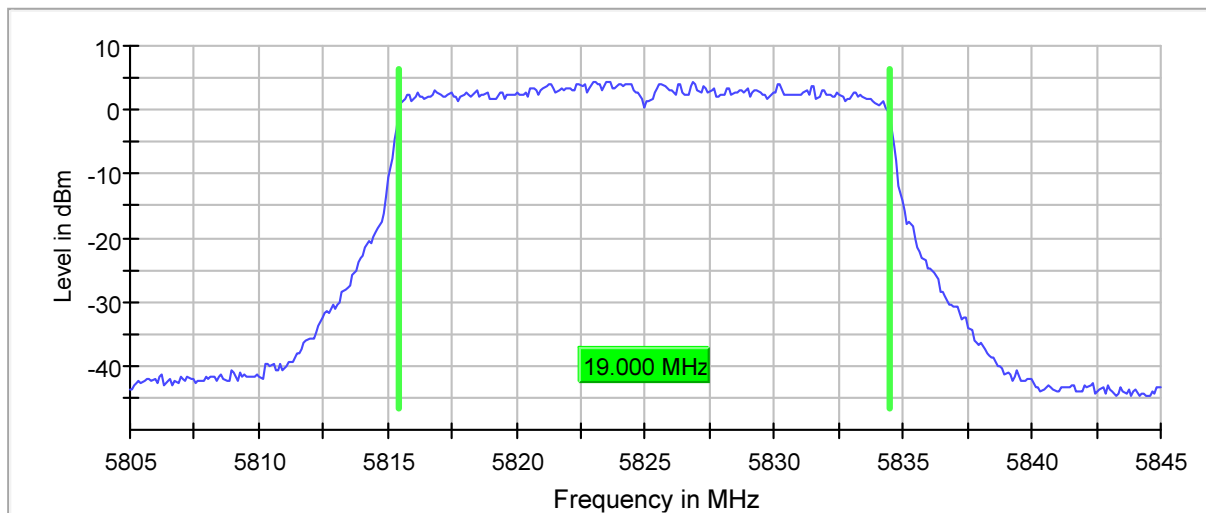
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5825MHz
Result	OBW = 19MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5825.000000	19.000000	---	---	5815.450000	5834.450000	PASS

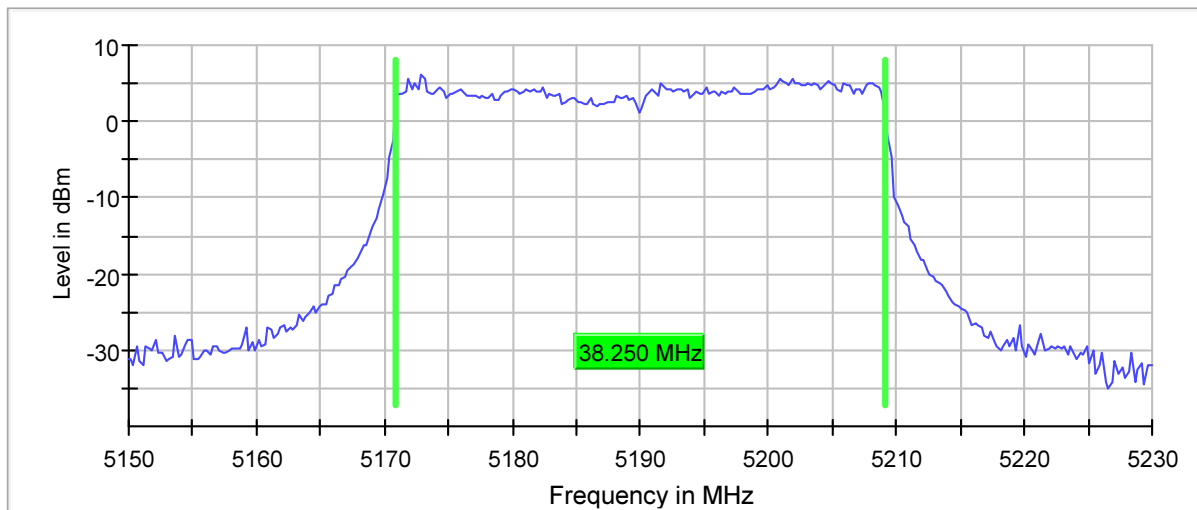
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5190MHz
Result	OBW = 38.25MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5190.000000	38.250000	---	---	5170.875000	5209.125000	PASS

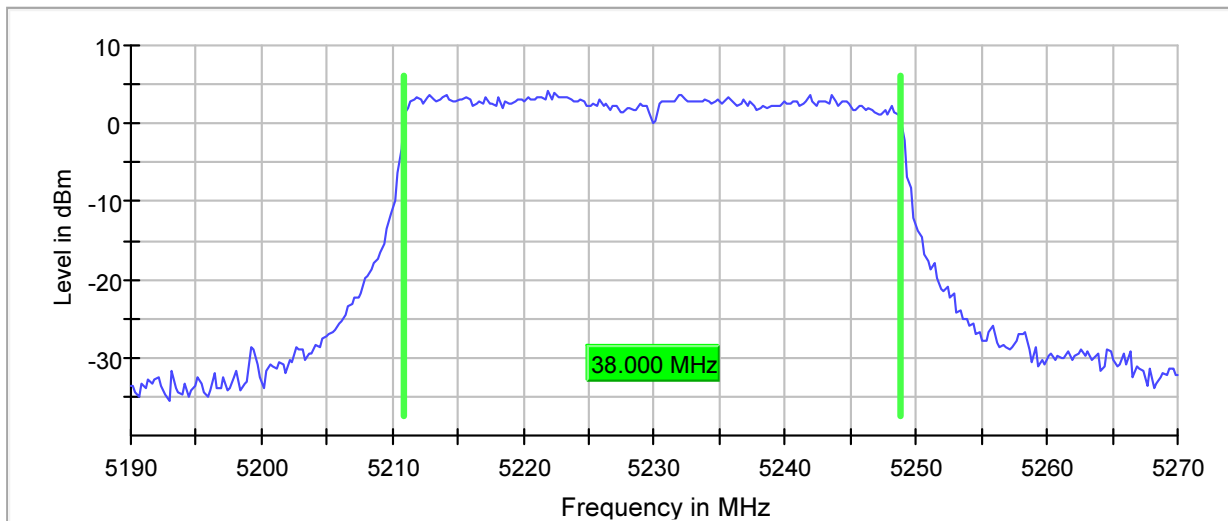
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5230MHz
Result	OBW = 38MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5230.000000	38.000000	---	---	5210.875000	5248.875000	PASS

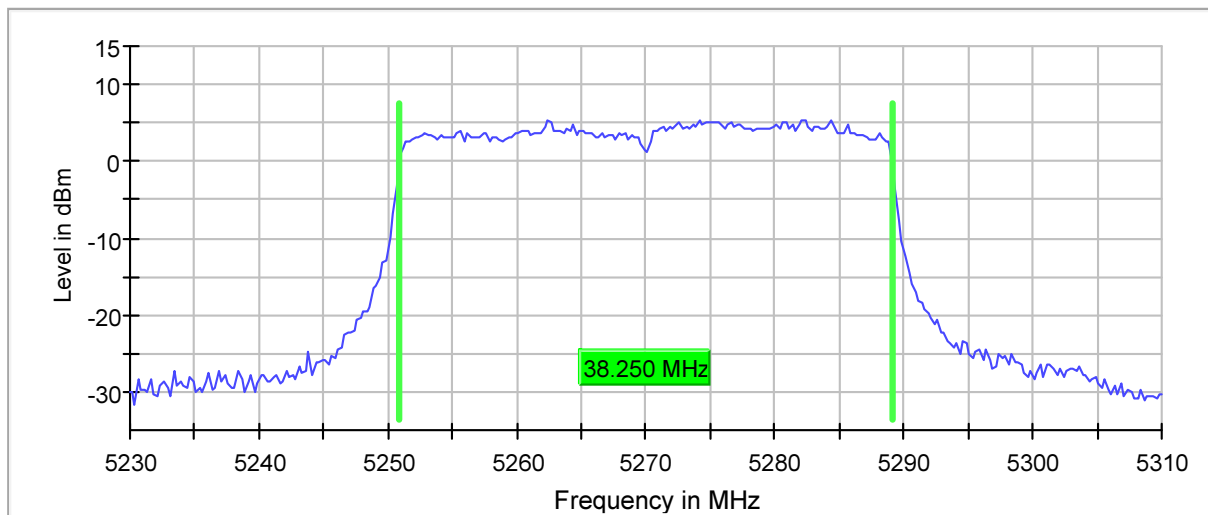
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5270MHz
Result	OBW = 38.25MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5270.000000	38.250000	---	---	5250.875000	5289.125000	PASS

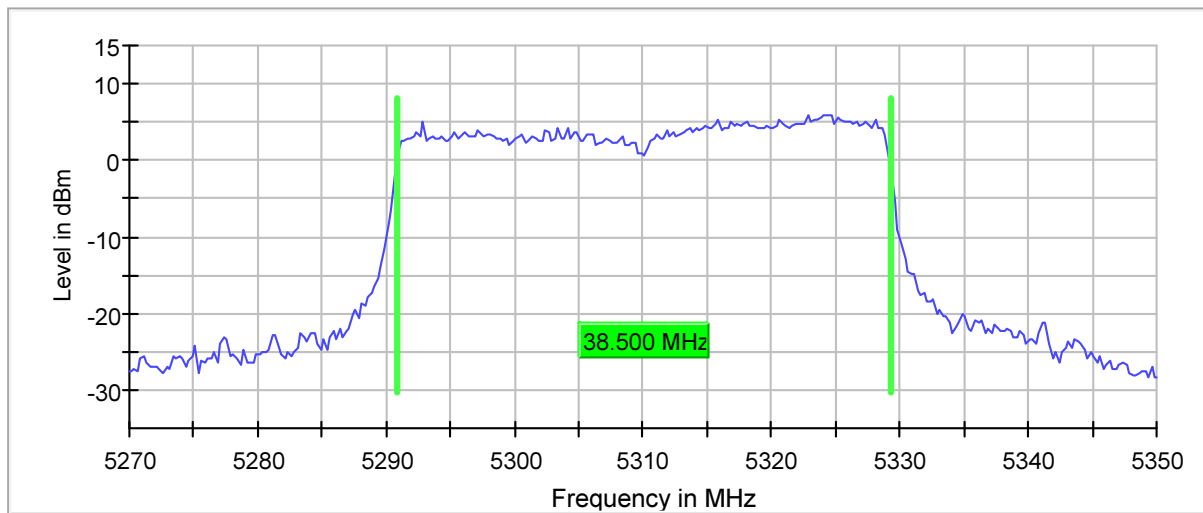
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5310MHz
Result	OBW = 38.5MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5310.000000	38.500000	---	---	5290.875000	5329.375000	PASS

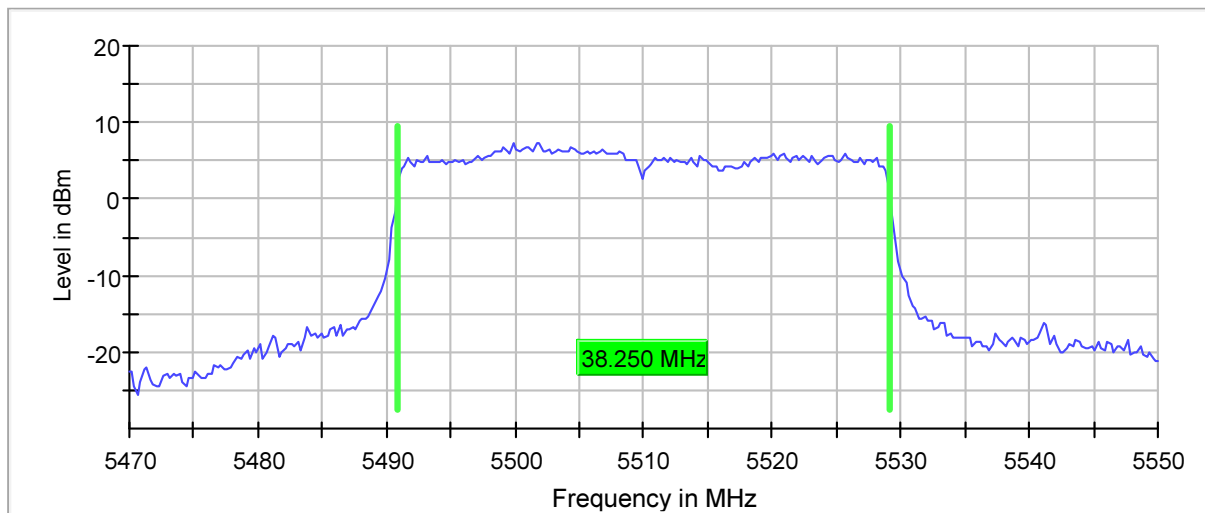
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5510MHz
Result	OBW = 38.25MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5510.000000	38.250000	---	---	5490.875000	5529.125000	PASS

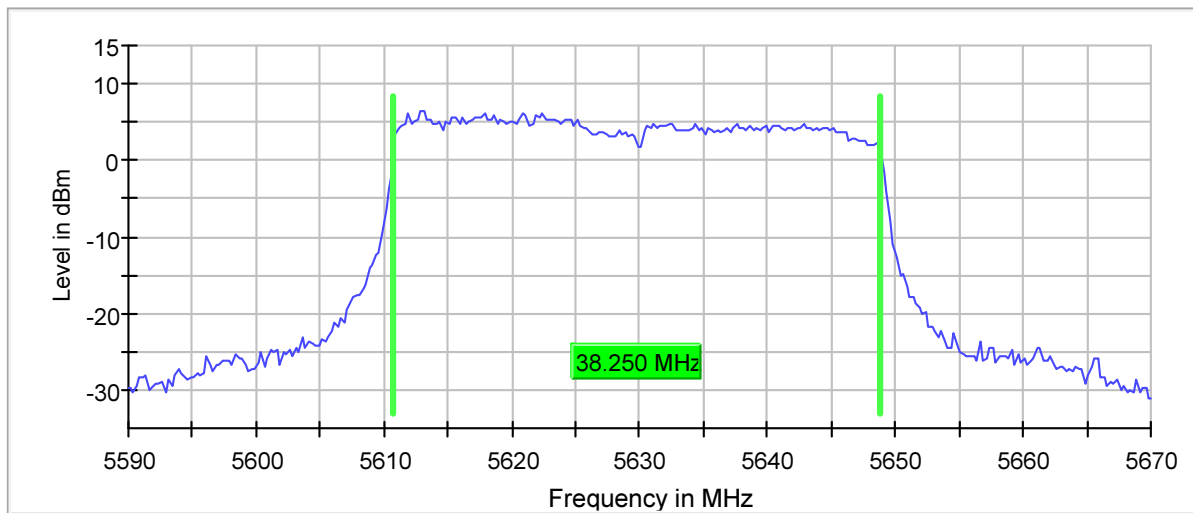
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5630MHz
Result	OBW = 38.25MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5630.000000	38.250000	---	---	5610.625000	5648.875000	PASS

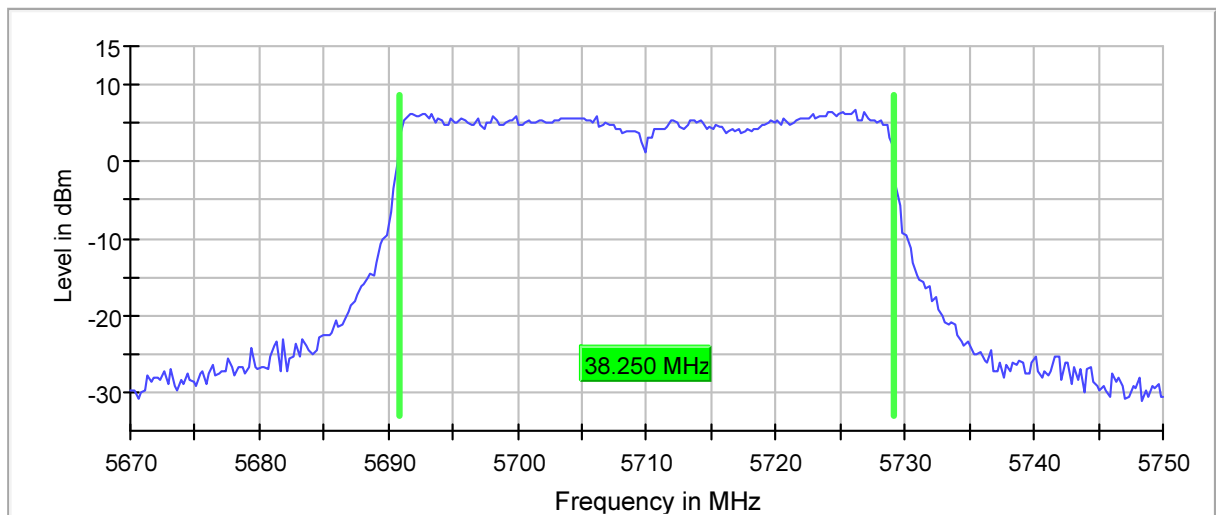
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5710MHz
Result	OBW = 38.25MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5710.000000	38.250000	34.125000	4.125000	---	---	5690.875000	5729.125000	PASS

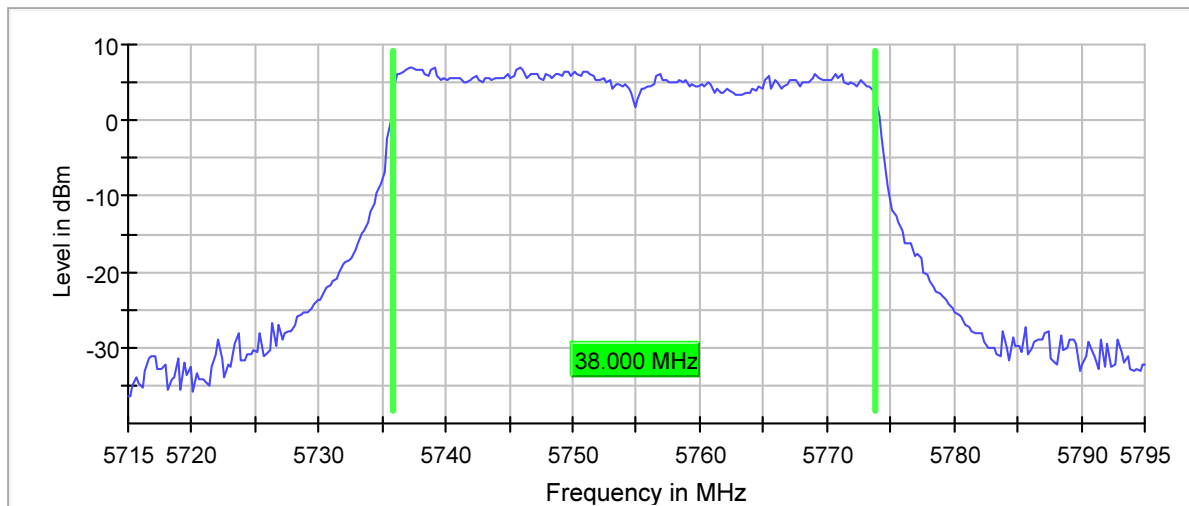
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5755MHz
Result	OBW = 38MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5755.000000	38.000000	---	---	5735.875000	5773.875000	PASS

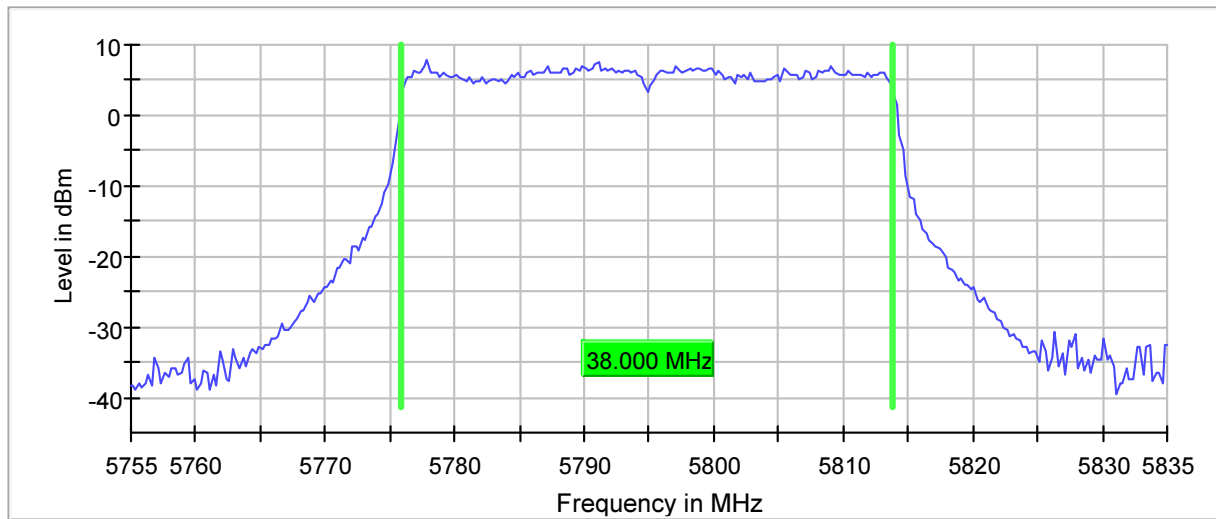
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5795MHz
Result	OBW = 38MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5795.000000	38.000000	---	---	5775.875000	5813.875000	PASS

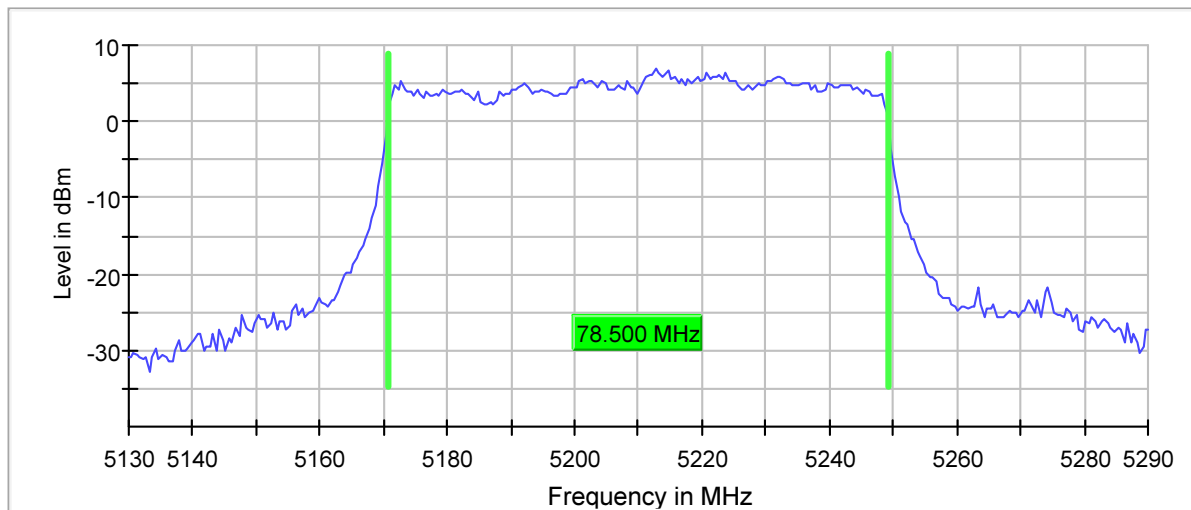
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5210MHz
Result	OBW = 78.5MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5210.000000	78.500000	---	---	5170.750000	5249.250000	PASS

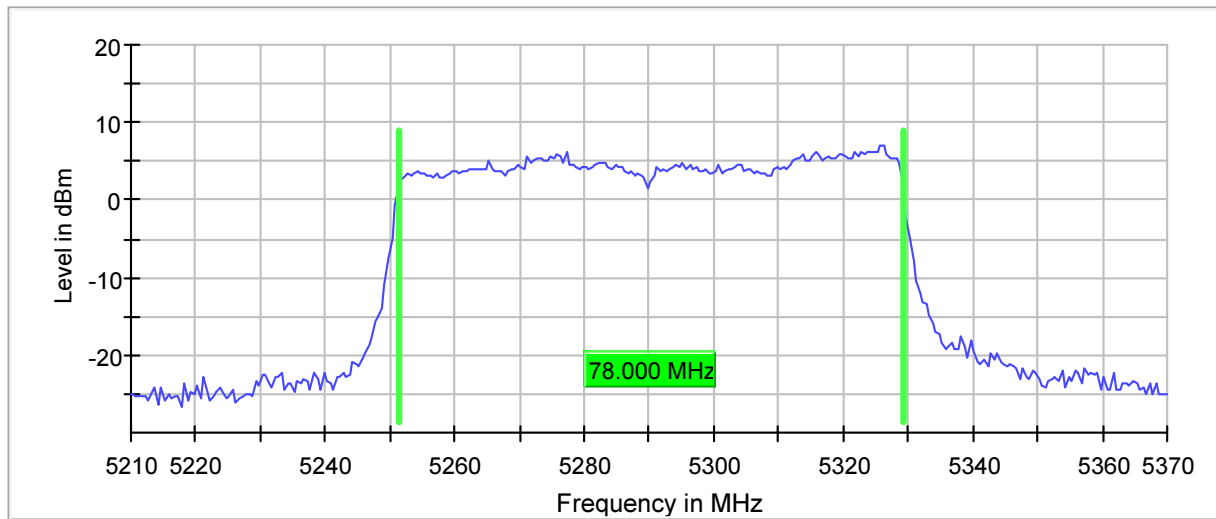
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5290MHz
Result	OBW = 78MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5290.000000	78.000000	---	---	5251.250000	5329.250000	PASS

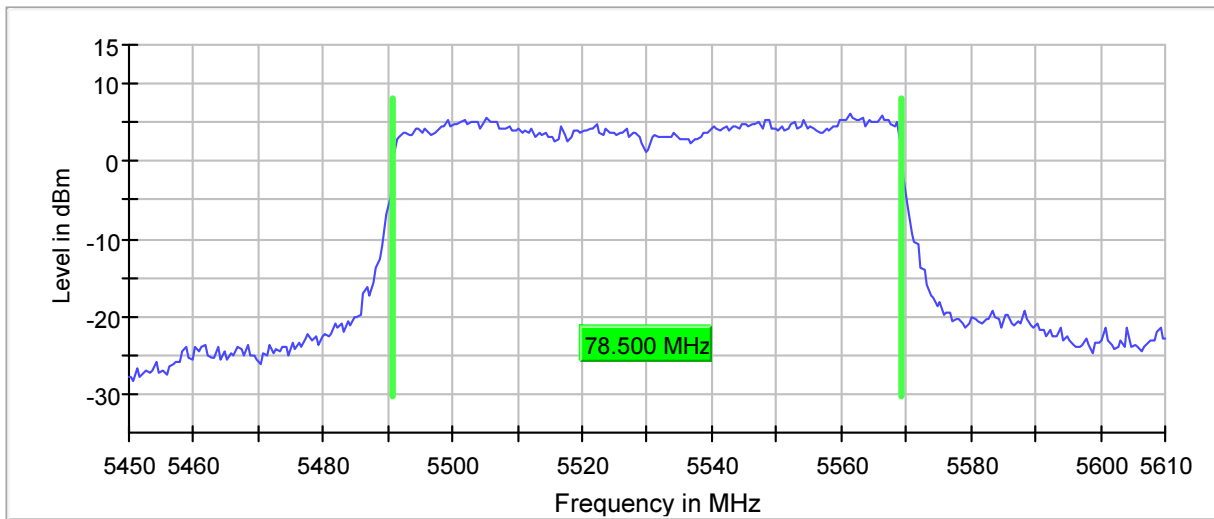
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5530MHz
Result	OBW = 78.5MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5530.000000	78.500000	---	---	5490.750000	5569.250000	PASS

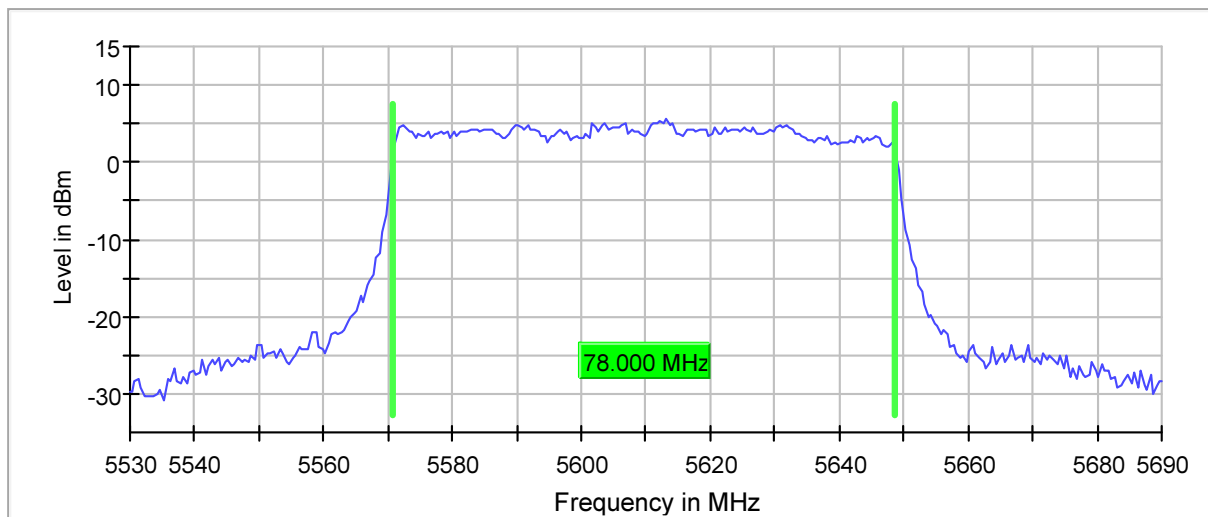
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5610MHz
Result	OBW = 78MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5610.000000	78.000000	---	---	5570.750000	5648.750000	PASS

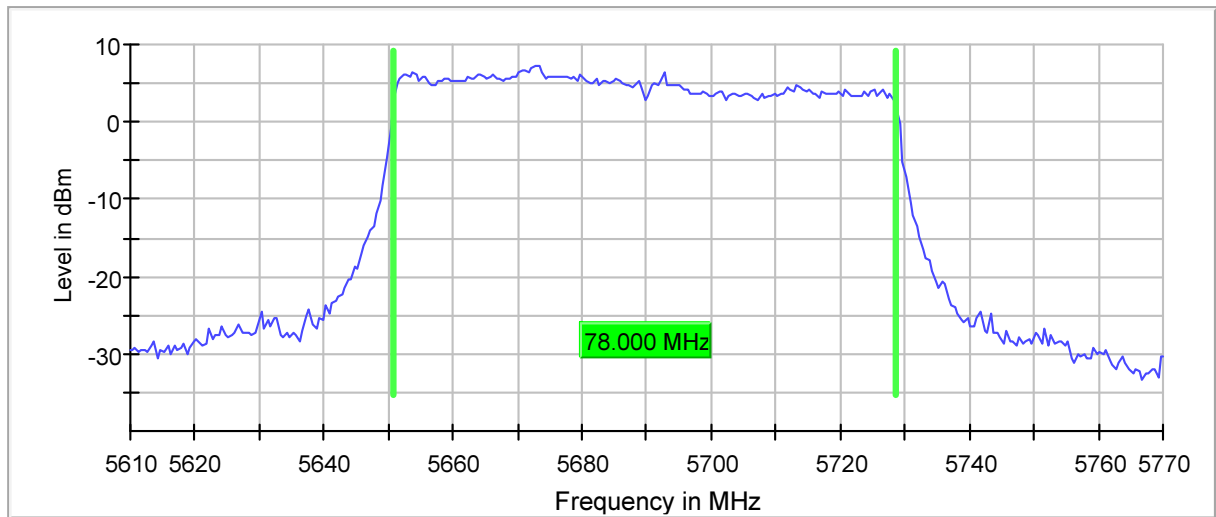
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5690MHz
Result	OBW = 78MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5690.000000	78.000000	74.250000	3.750000	---	---	5650.750000	5728.750000	PASS

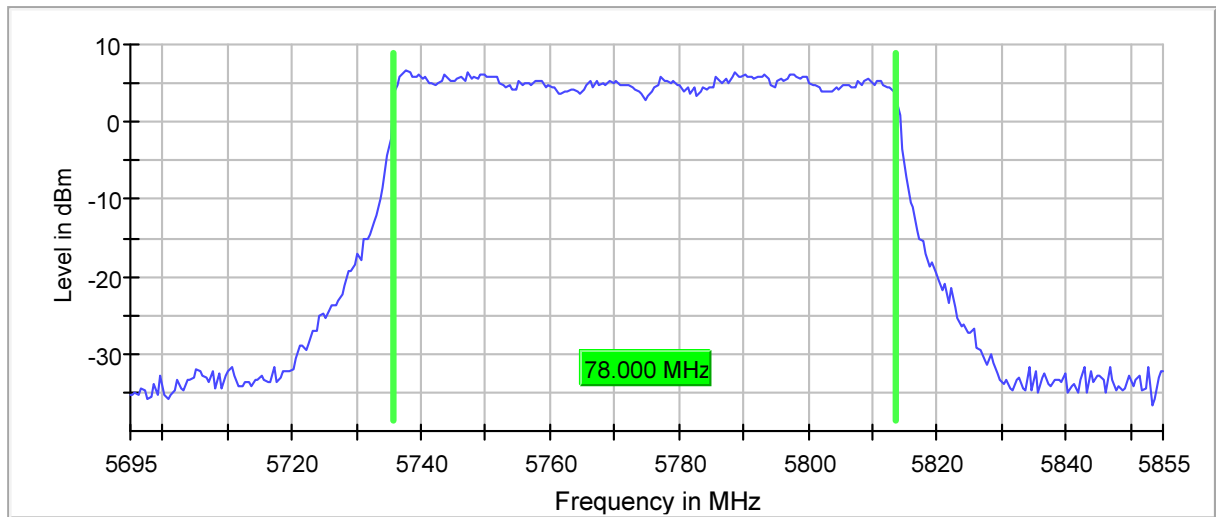
99 % Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5775MHz
Result	OBW = 78MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Result
5775.000000	78.000000	---	---	5735.750000	5813.750000	PASS

99 % Bandwidth



22. 26dB EBW

EUT Information	
Manufacturer	Righthand Technologies Inc
Product	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx

Test Setup Details	
Setup Format	Tabletop
Height of Support	N/A
Measurement Method	Antenna Conducted
Type of Test Site	Semi-Anechoic Chamber
Test Site Used	N/A
Type of Antennas Used	N/A
Notes	None

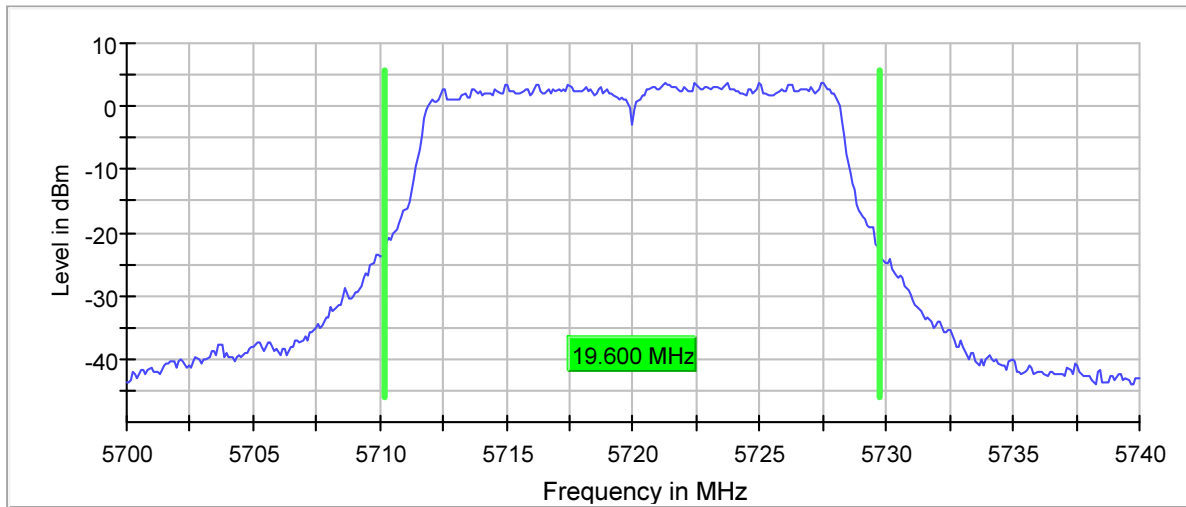
Requirement
Per FCC §15.407(a)(10), the maximum transmitter channel bandwidth for U-NII devices in the 5.925 – 7.125GHz band is 320MHz.

Procedure
Antenna Port 1 of the EUT was connected to the DUT 1 port of the Rohde & Schwarz OSP 120/OSP-B157 system via a coaxial cable and RF attenuator. Each antenna port of the EUT was connected to a separate port (DUT 2, DUT 3, and DUT 4) via separate coaxial cables and RF attenuators. a) The following settings were employed on the EMI Test Receiver: 1. Center Frequency = Transmit Frequency of the EUT 2. Frequency Span = Between 1.5x and 5x the OBW 3. RBW = Between 1% to 5% of the OBW 4. VBW = Approximately 3 x RBW 5. Detector Mode = Max Peak 6. Trace Mode = Max Hold b) Allow the trace to stabilize. c) Using the 26dB down function of the receiver, the EBW was measured and recorded.

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5720MHz
Result	26dB BW = 19.6MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5720.000000	19.600000	14.850000	4.750000	---	---	5710.150000	5729.750000	3.9	PASS

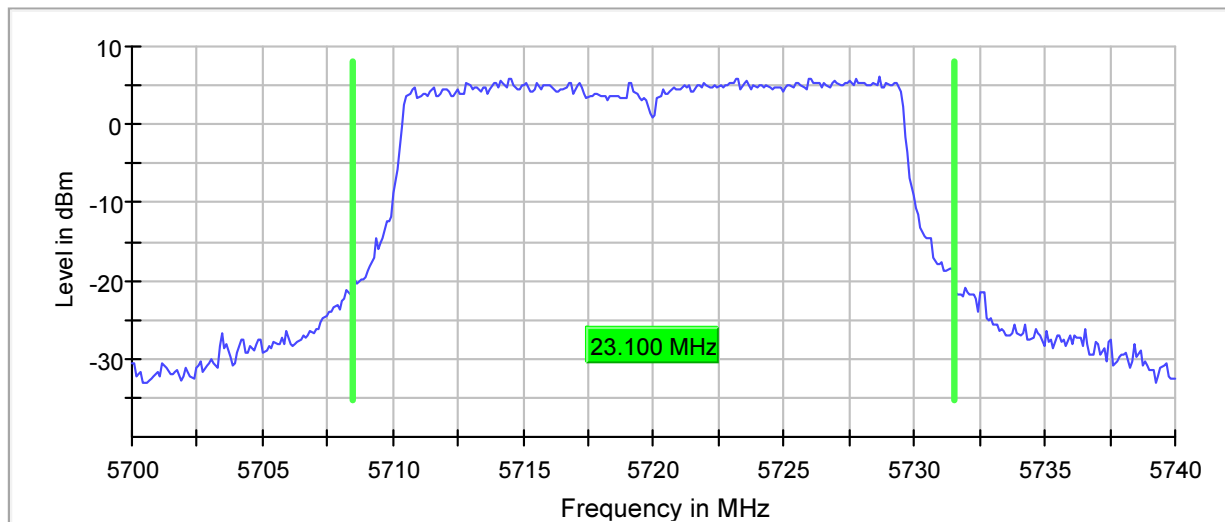
26 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5720MHz
Result	26dB BW = 23.1MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5720.000000	23.100000	16.550000	6.550000	---	---	5650.750000	5728.750000	6.0	PASS

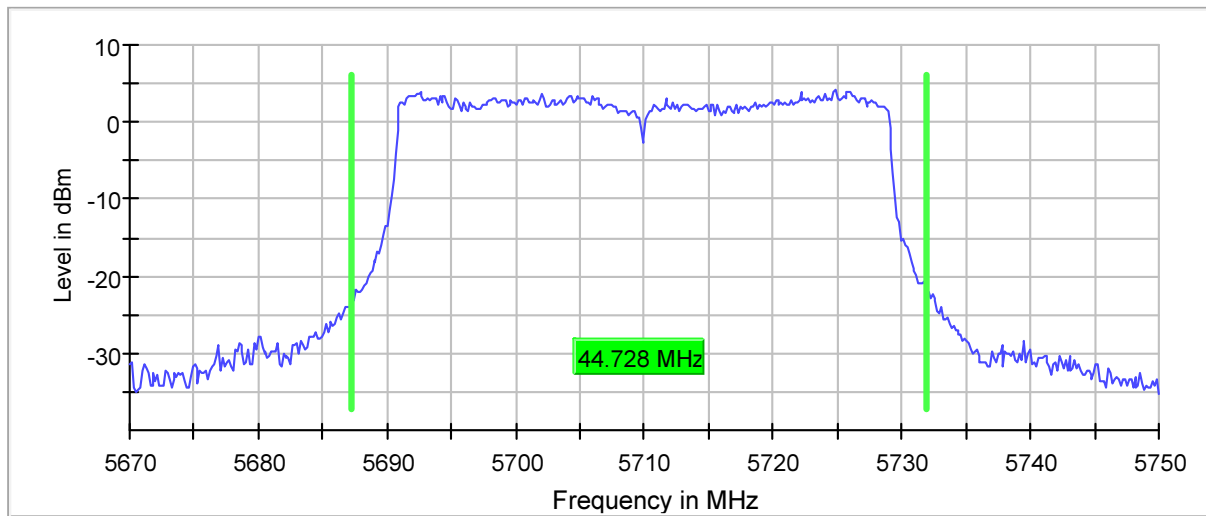
26 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5710MHz
Result	26dB BW = 44.7MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5710.000000	44.727955	37.814259	6.913696	---	---	5687.185741	5731.913696	4.1	PASS

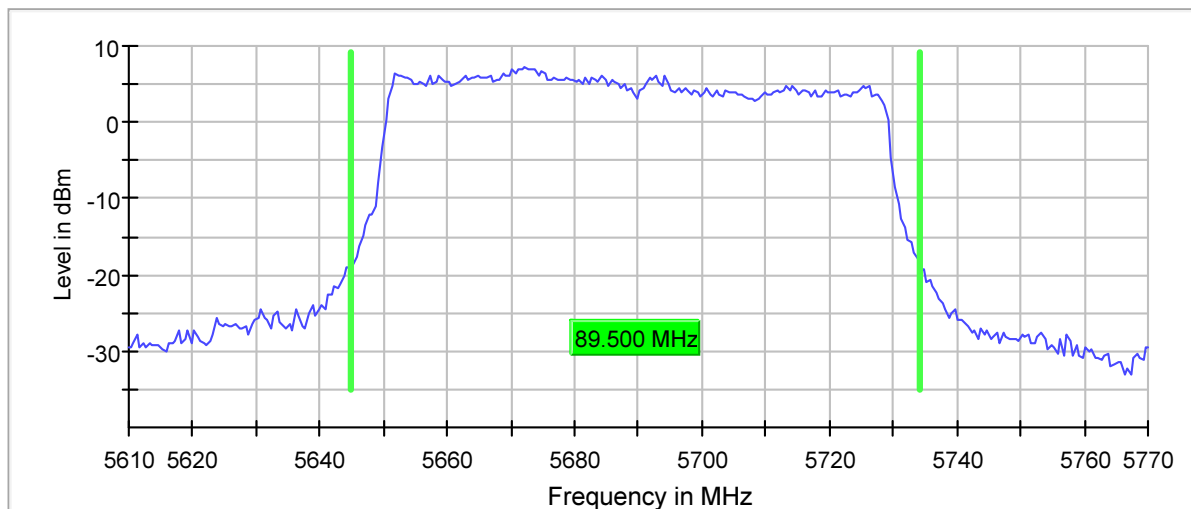
26 dB Bandwidth



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5690MHz
Result	26dB BW = 89.5MHz
Notes	None

DUT Frequency (MHz)	Bandwidth (MHz)	Bandwidth U-NII 2C (MHz)	Bandwidth U-NII 3 (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	Max Level (dBm)	Result
5690.000000	89.500000	80.250000	9.250000	---	---	5644.750000	5734.250000	7.2	PASS

26 dB Bandwidth



23. Maximum Conducted Output Power

EUT Information	
Manufacturer	Righthand Technologies Inc
Product	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx

Test Setup Details	
Setup Format	Tabletop
Height of Support	N/A
Measurement Method	Antenna Conducted
Type of Test Site	Tabletop
Test Site Used	N/A
Notes	None

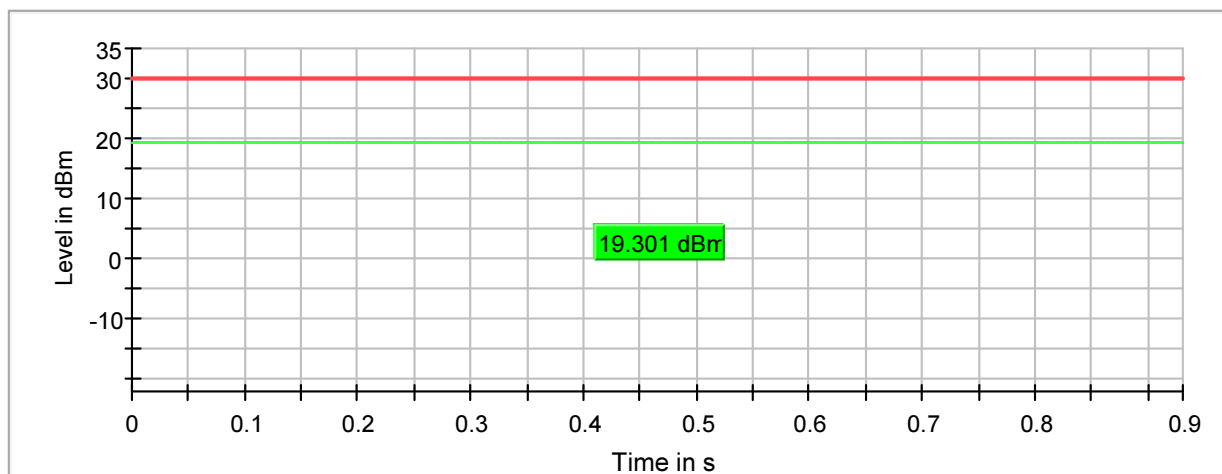
Requirements	
FCC Part 15 Subpart E specifies the following:	
- In the 5150 – 5250MHz band, the maximum power shall be 30dBm for a master device. - In the 5250 – 5350MHz and 5470 – 5725MHz bands, the maximum power shall be 24dBm or 11dBm + 10log(26dB emission BW), whichever is lower. - In the 5725 – 5850MHz band, the maximum power shall be 30dBm.	
RSS-247 Section 6.2 specifies the following:	
- In the 5250 – 5350MHz and 5470 – 5725MHz bands, the maximum power shall be 24dBm or 11dBm + 10log(26dB emission BW), whichever is lower. - In the 5725 – 5850MHz band, the maximum power shall be 30dBm.	

Procedure	
Antenna Port 1 of the EUT was connected to the DUT 1 port of the Rohde & Schwarz OSP 120/OSP-B157 system via a coaxial cable and RF attenuator. Each antenna port of the EUT was connected to a separate port (DUT 2, DUT 3, and DUT 4) via separate coaxial cables and RF attenuators.	
a) The following settings were employed on the EMI Test Receiver: 1. Center Frequency = Transmit Frequency of the EUT 2. RBW = 1MHz 3. VBW = $\geq 3 \times \text{RBW}$ 4. Span = 26dB EBW or 99% OBW 5. Sweep Time = Auto couple 6. Detector Mode = RMS 7. Trace Mode = Max Hold	
b) Allow the trace to stabilize.	
c) Use the peak marker function to determine the peak amplitude level.	

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5180MHz
Result	Output Power = 85.2mW (19.3dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5180.000000	19.3	30.0	19.3	93.233	PASS

Gated Trace

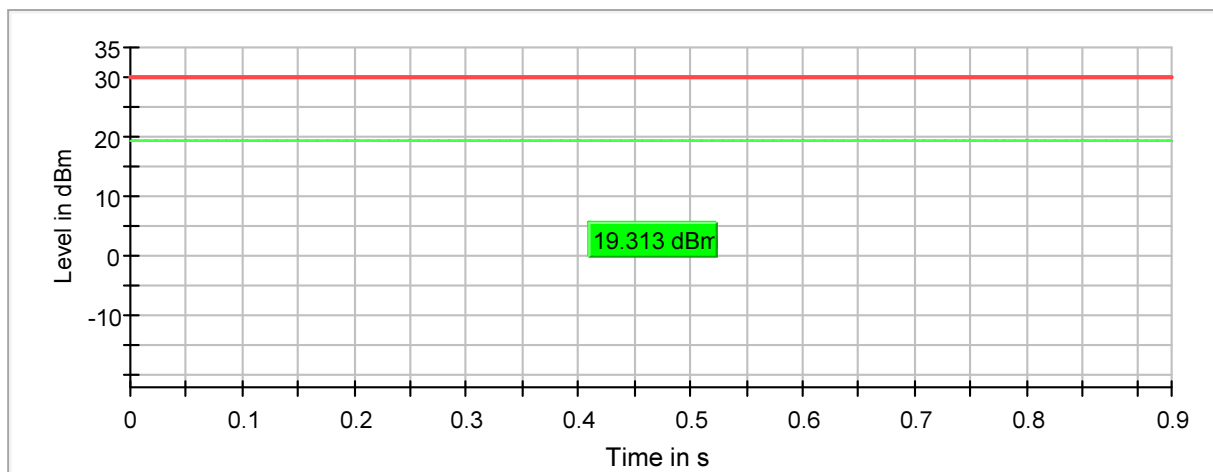


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5220MHz
Result	Output Power = 85.2mW (19.3dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5220.000000	19.3	30.0	19.3	93.293	PASS

Gated Trace

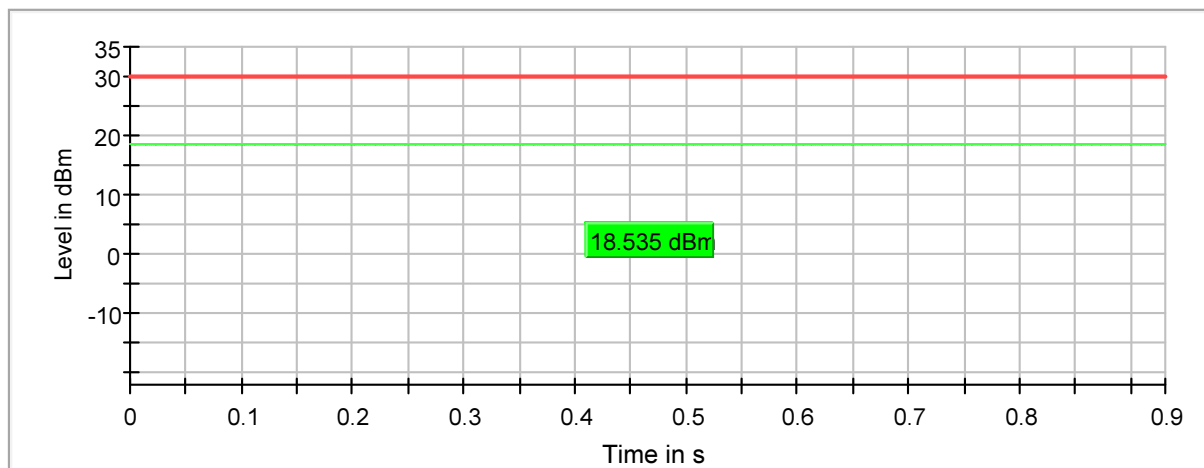


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5240MHz
Result	Output Power = 70.8mW (18.5dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5240.000000	18.5	30.0	18.5	93.275	PASS

Gated Trace

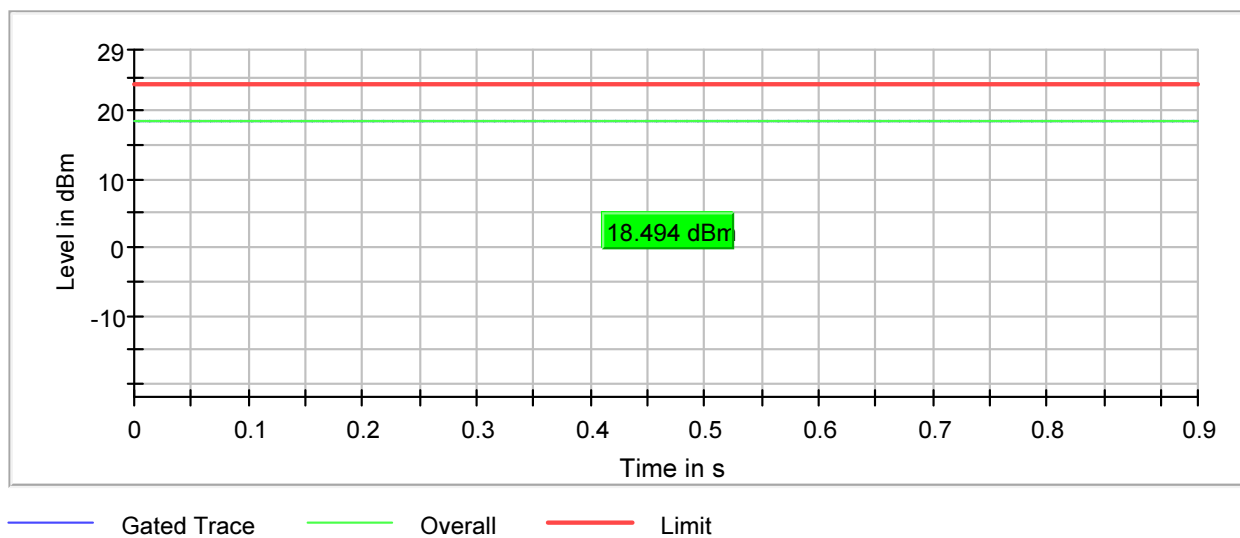


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5260MHz
Result	Output Power = 70.8mW (18.5dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5260.000000	18.5	24.0	18.5	93.423	PASS

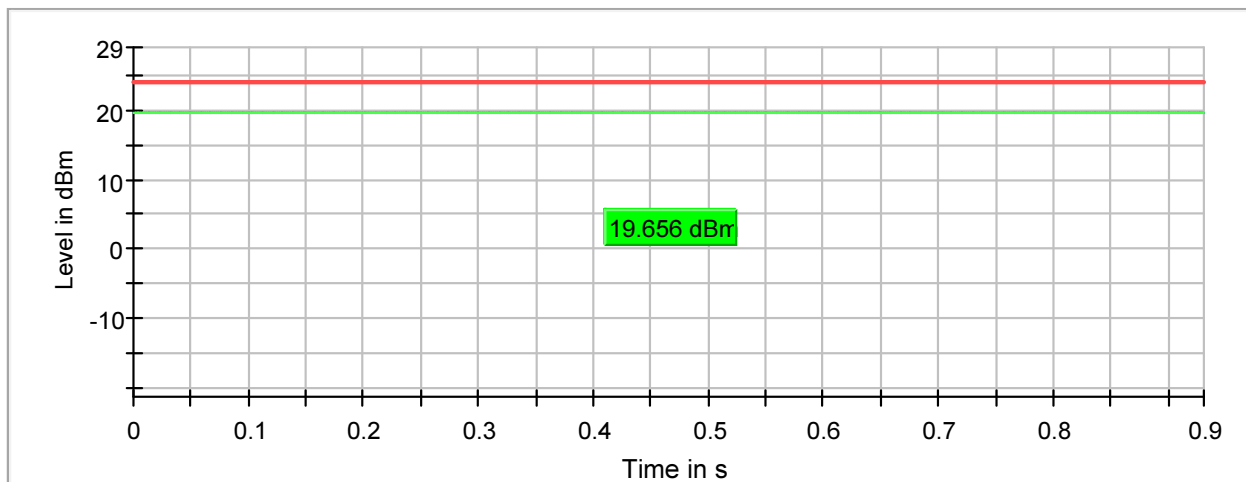
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5300MHz
Result	Output Power = 93.4mW (19.7dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5300.000000	19.7	24.0	19.7	93.253	PASS

Gated Trace

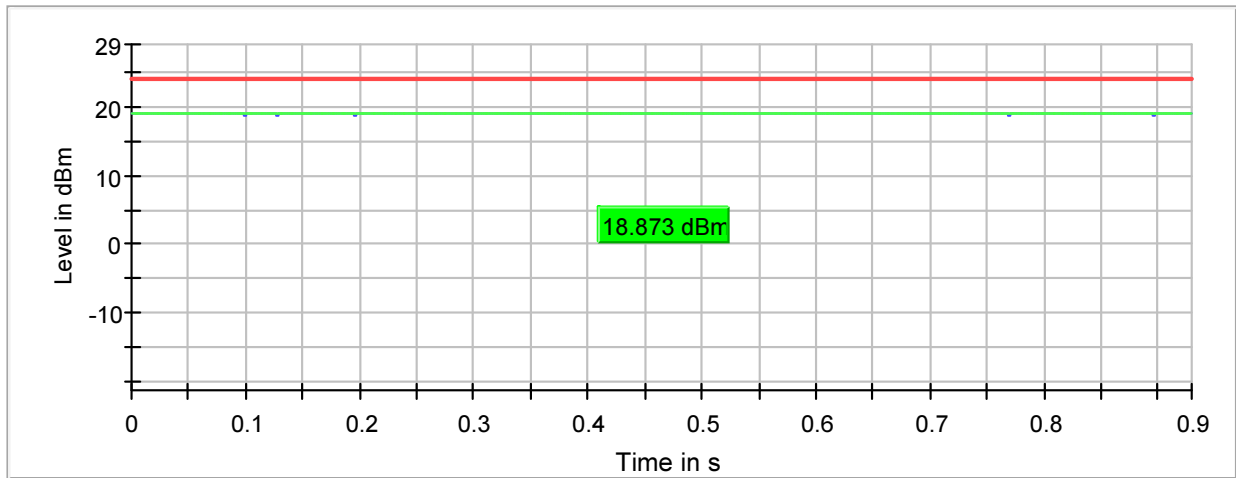


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5320MHz
Result	Output Power = 77.7mW (18.9dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5320.000000	18.9	24.0	18.9	93.269	PASS

Gated Trace

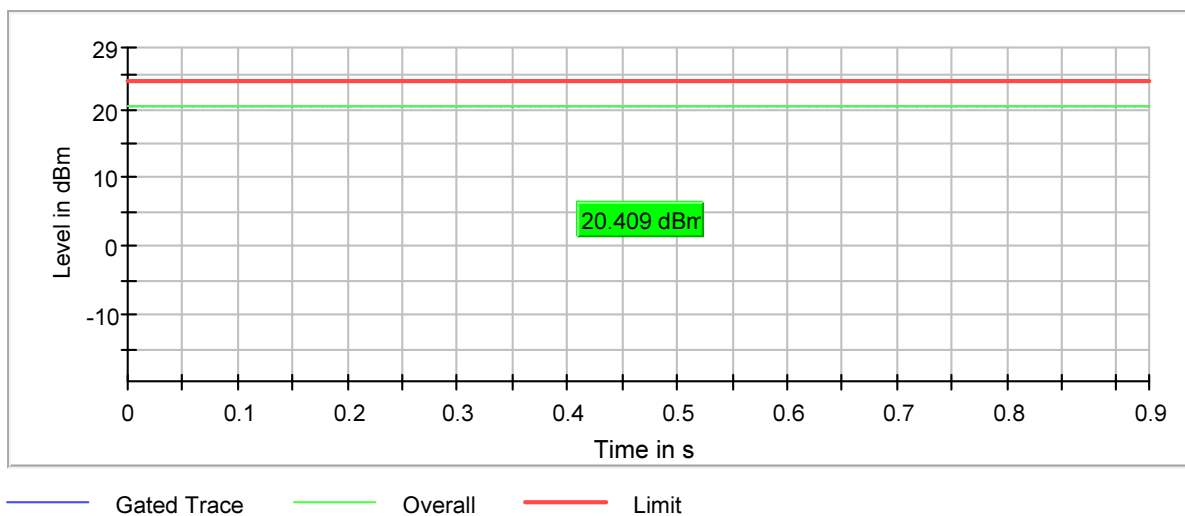


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5500MHz
Result	Output Power = 109.7W (20.4dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5500.000000	20.4	24.0	20.4	93.167	PASS

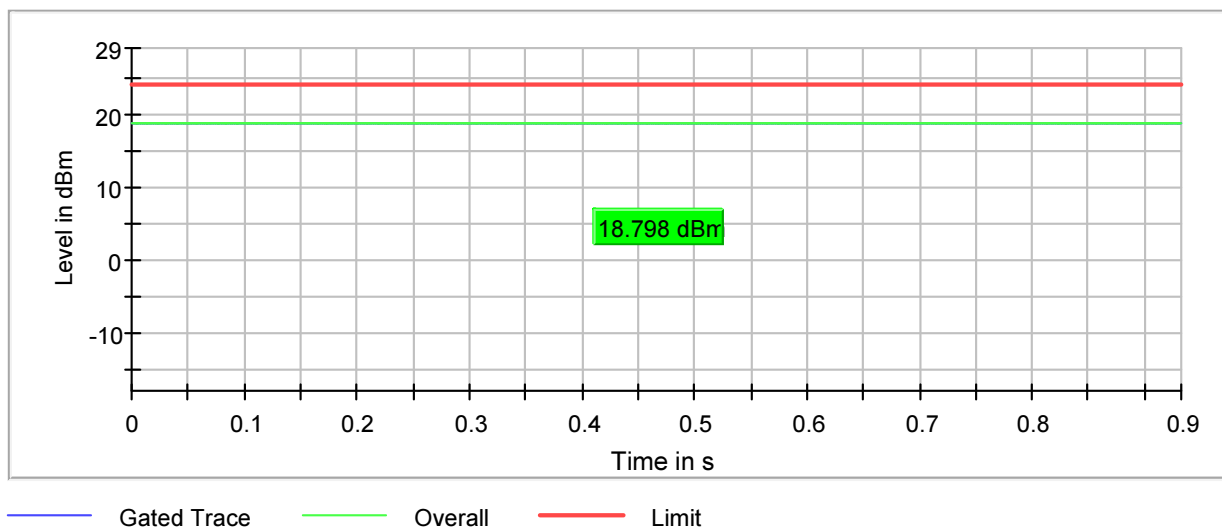
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5620MHz
Result	Output Power = 75.9mW (18.8dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5620.000000	18.8	24.0	18.8	93.493	PASS

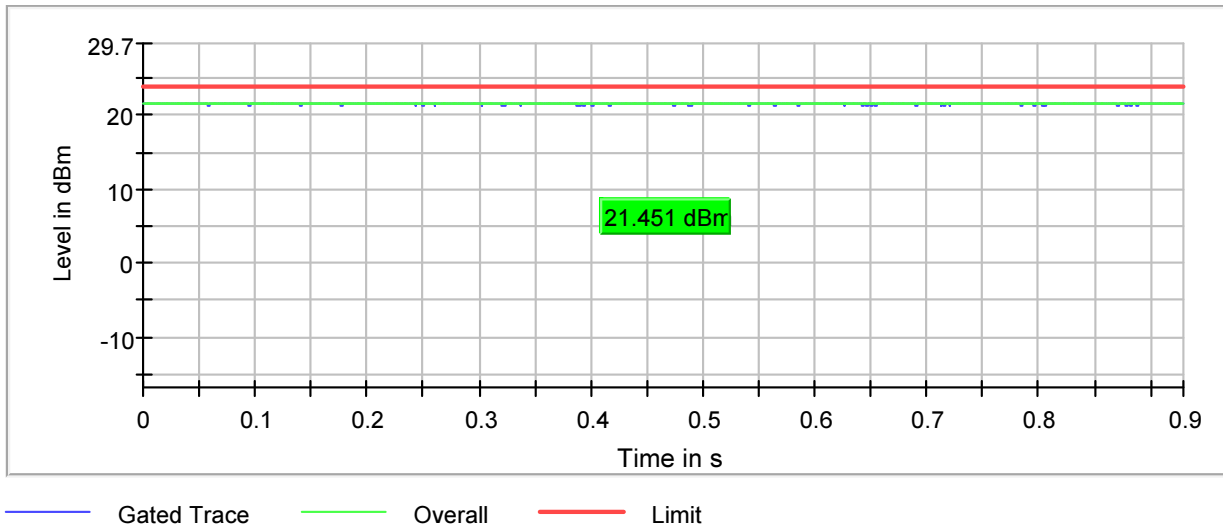
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5720MHz
Result	Output Power = 141.3mW (21.5dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5720.000000	21.5	23.9	21.5	93.173	PASS

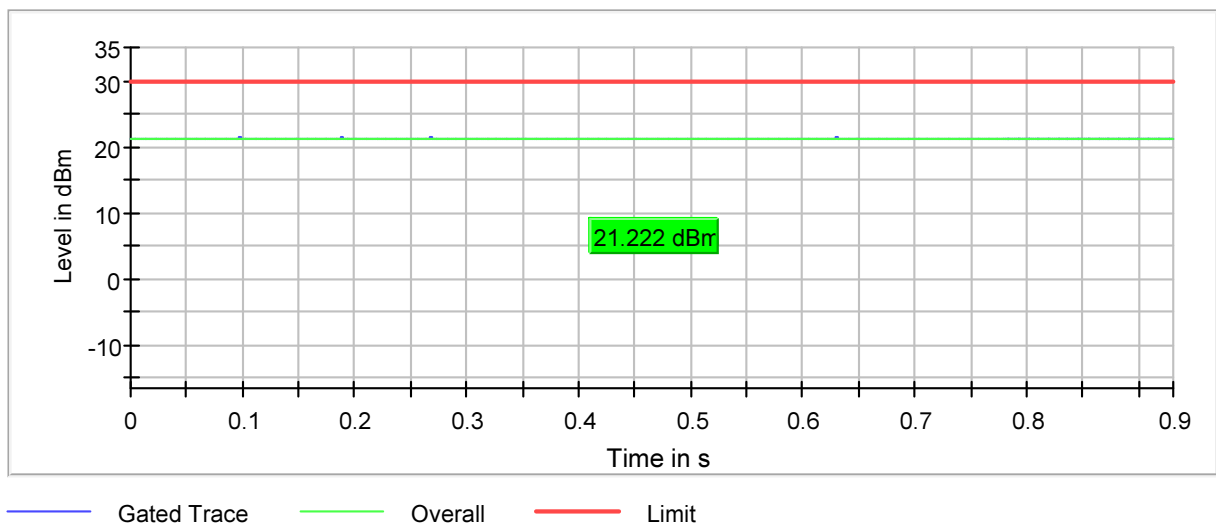
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5745MHz
Result	Output Power = 131.9mW (21.2dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5745.000000	21.2	30.0	21.2	93.315	PASS

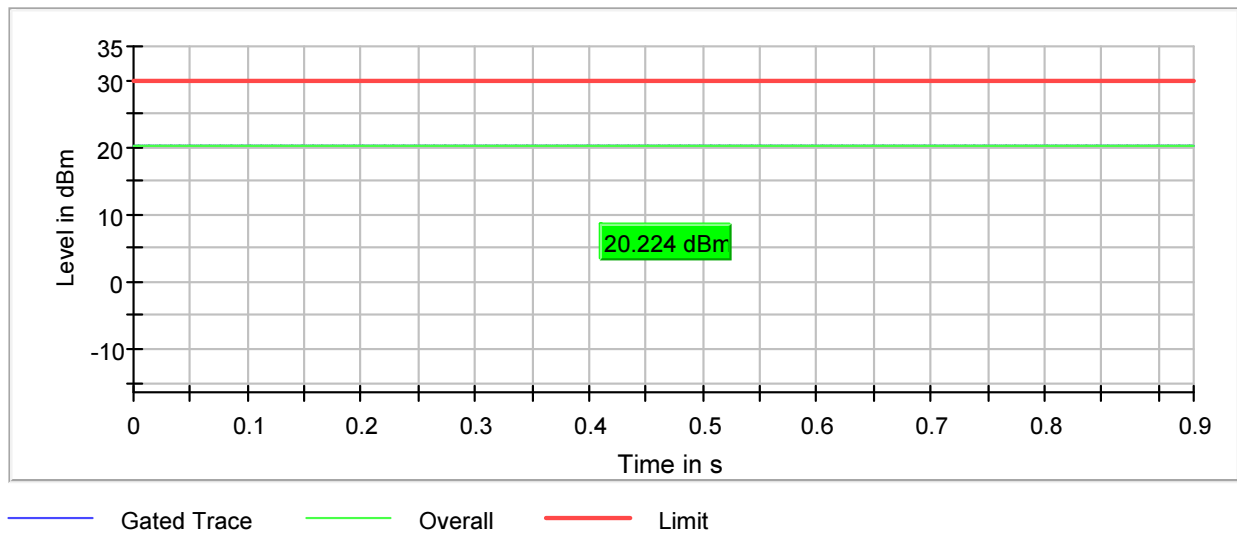
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5785MHz
Result	Output Power = 104.8W (20.2dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5785.000000	20.2	30.0	20.2	93.265	PASS

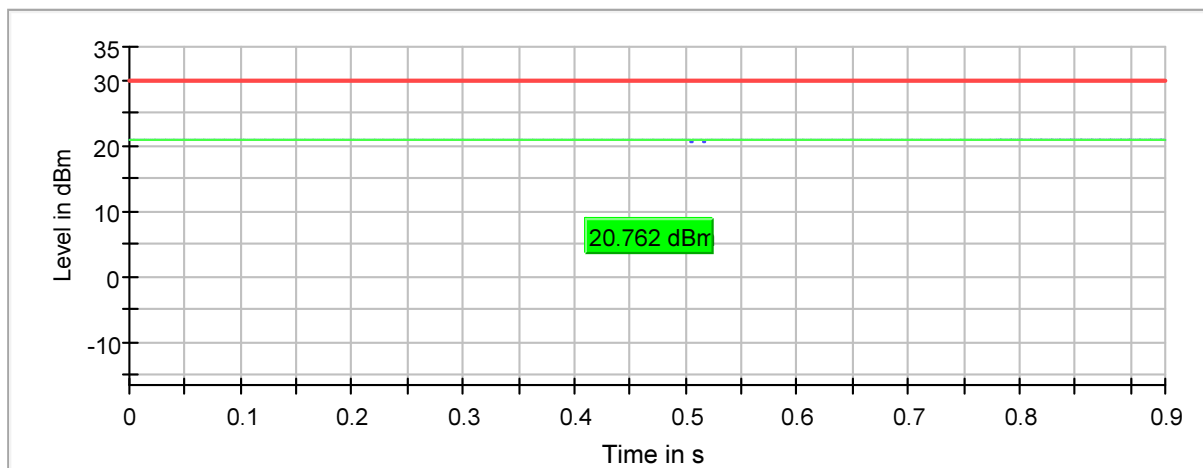
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5825MHz
Result	Output Power = 120.3W (20.8dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5825.000000	20.8	30.0	20.8	93.294	PASS

Gated Trace

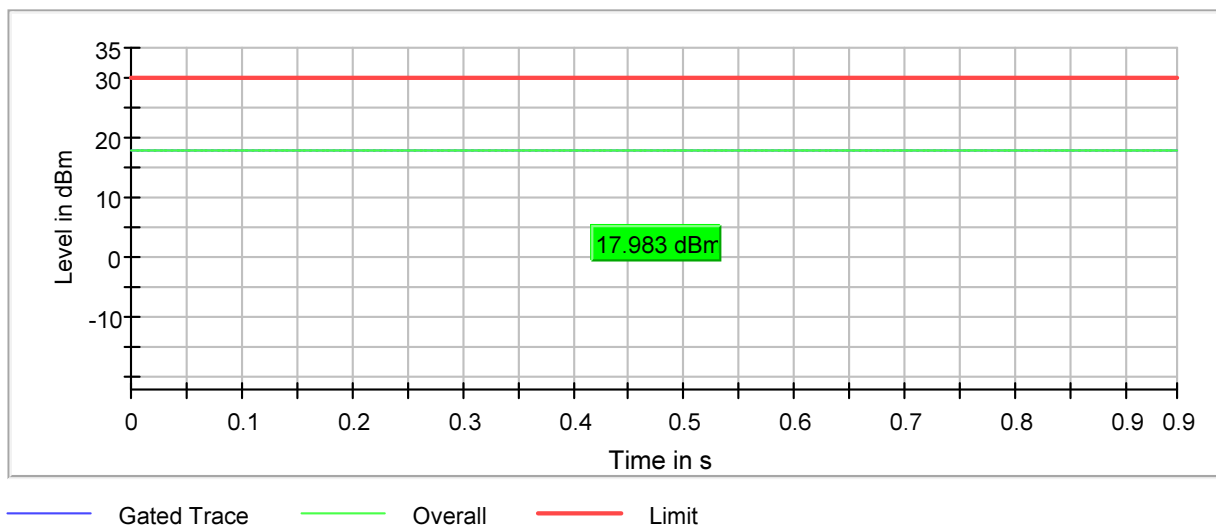


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5180MHz
Result	Output Power = 63.1mW (18dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5180.000000	18.0	30.0	18.0	94.873	PASS

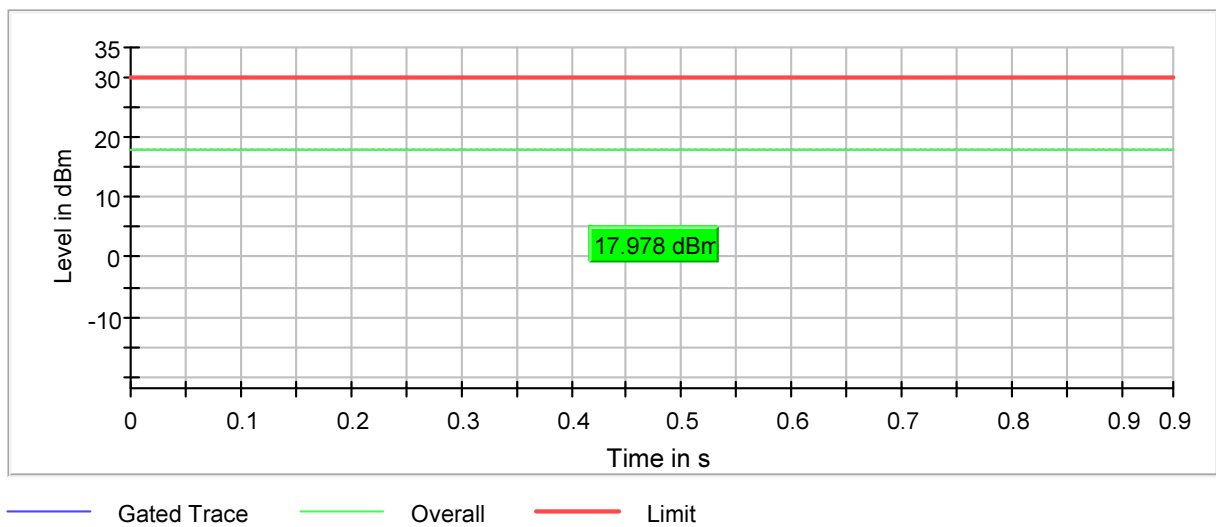
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5220MHz
Result	Output Power = 63.1mW (18dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5220.000000	18.0	30.0	18.0	94.880	PASS

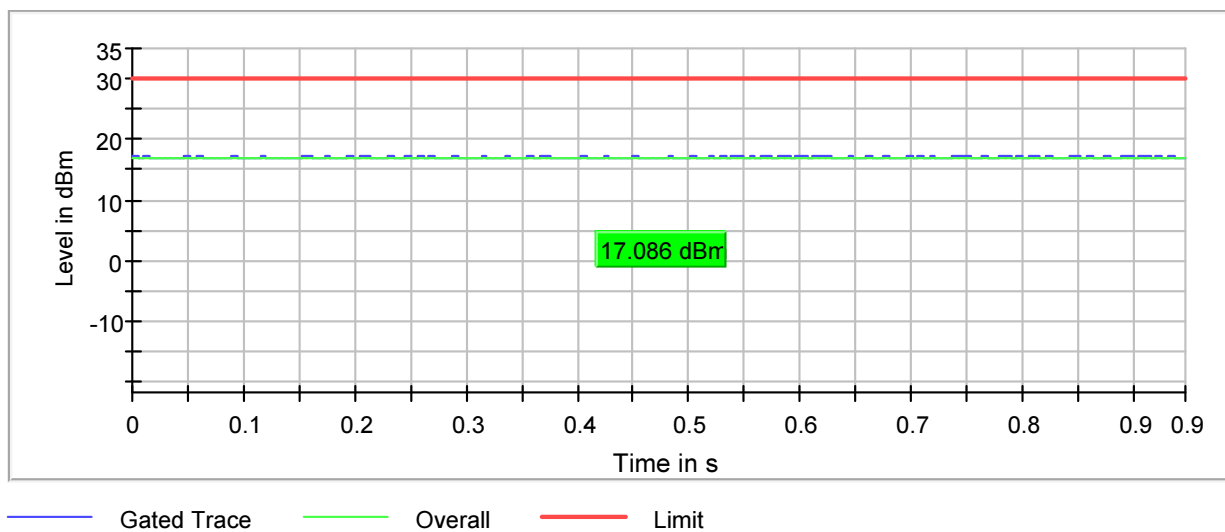
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5240MHz
Result	Output Power = 51.3mW (17.1dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5240.000000	17.1	30.0	17.1	94.860	PASS

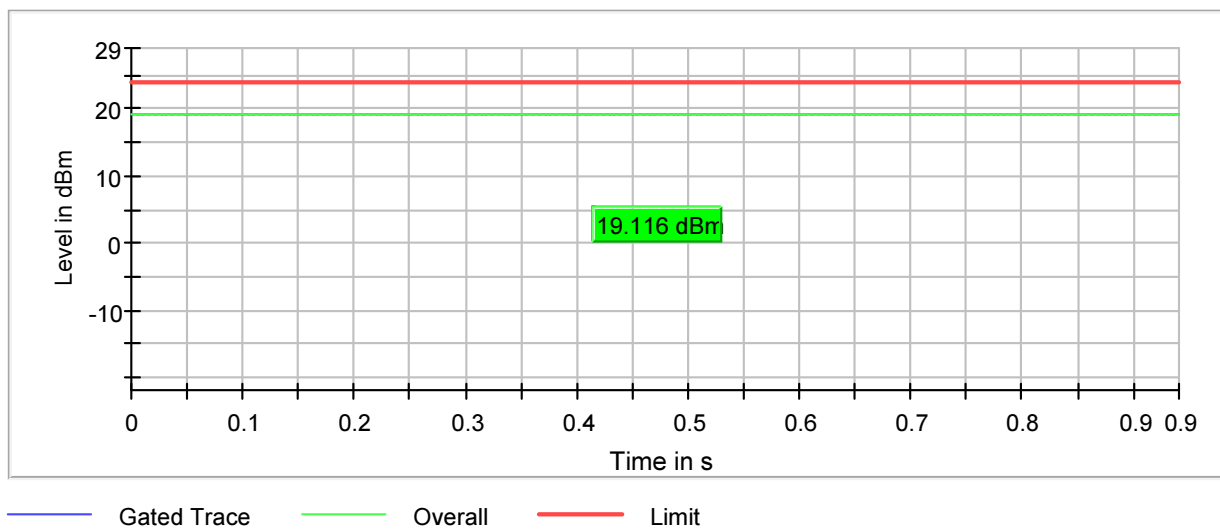
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5260MHz
Result	Output Power = 81.3mW (19.1dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5260.000000	19.1	24.0	19.1	94.910	PASS

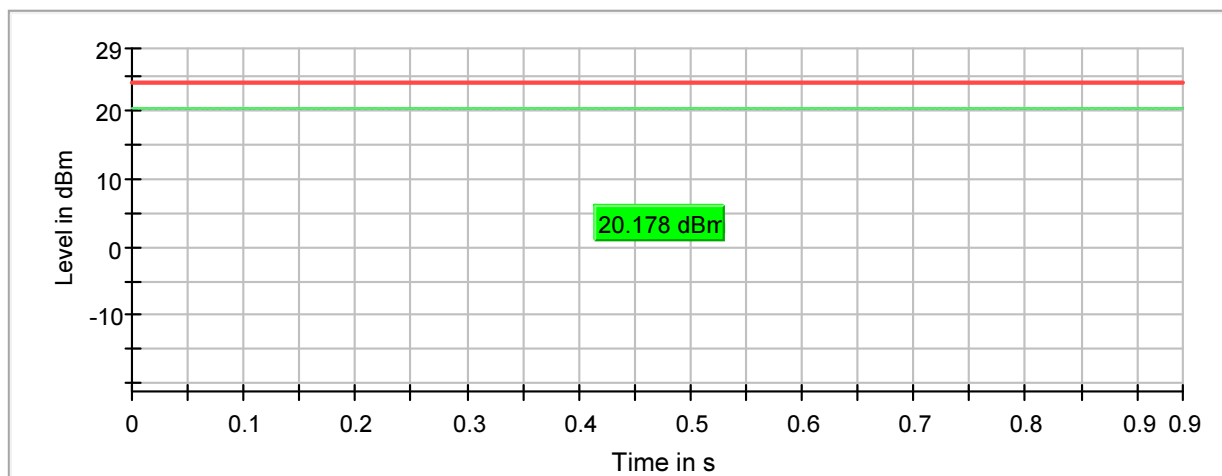
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5300MHz
Result	Output Power = 104.8mW (20.2dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5300.000000	20.2	24.0	20.2	94.925	PASS

Gated Trace

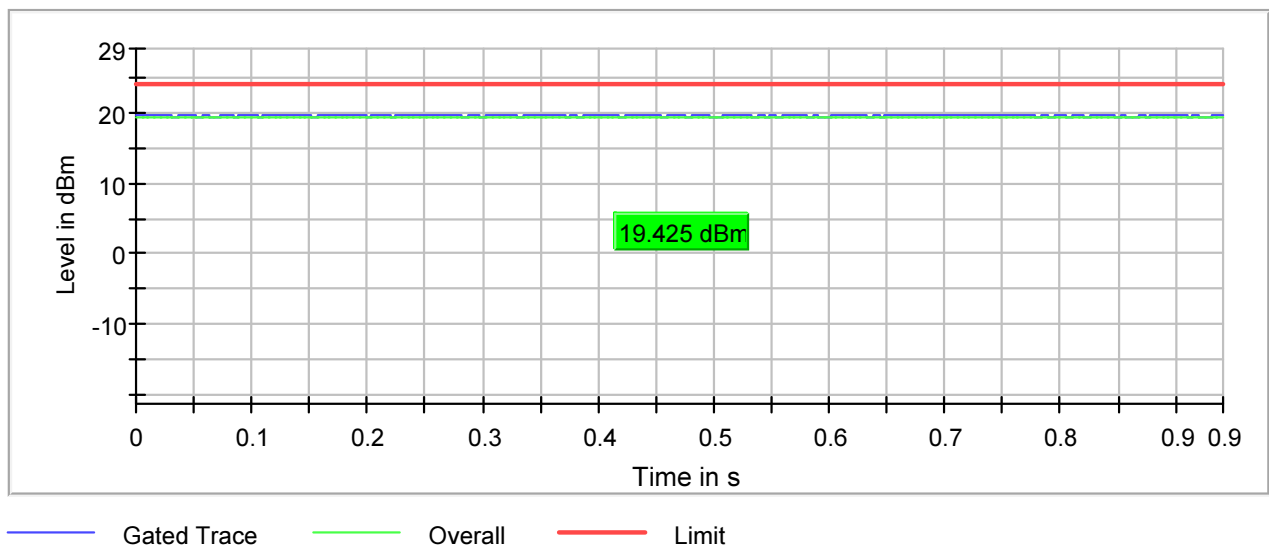


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5320MHz
Result	Output Power = 87.1mW (19.4dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5320.000000	19.4	24.0	19.4	94.899	PASS

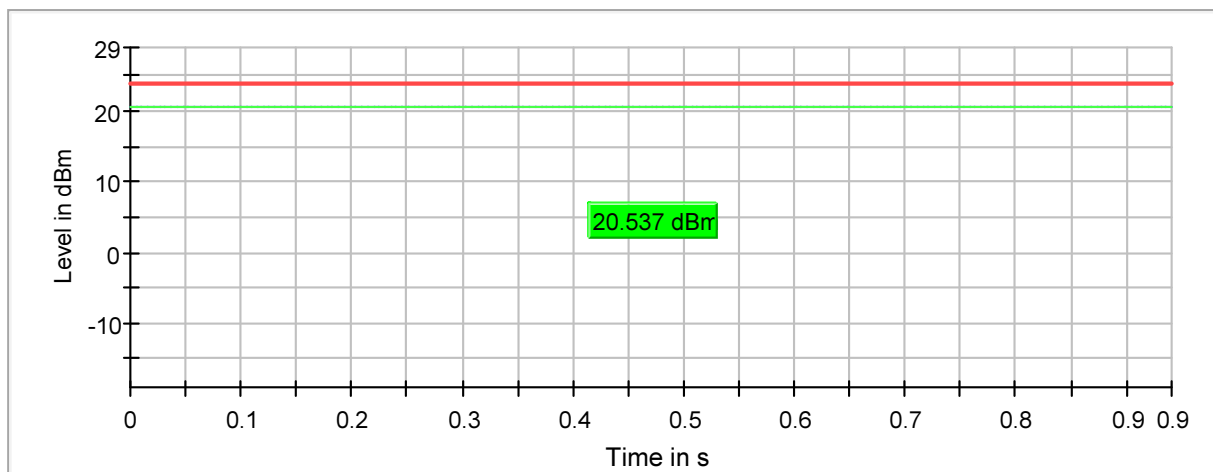
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5500MHz
Result	Output Power = 112.3mW (20.5dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5500.000000	20.5	24.0	20.5	94.906	PASS

Gated Trace

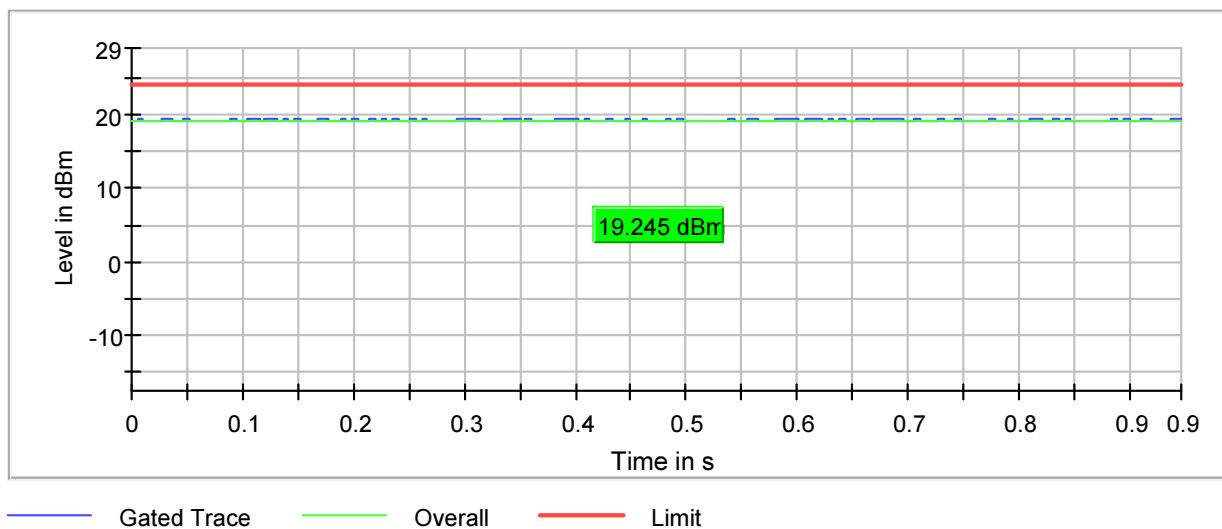


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5620MHz
Result	Output Power = 83.2mW (19.2dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5620.000000	19.2	24.0	19.2	94.928	PASS

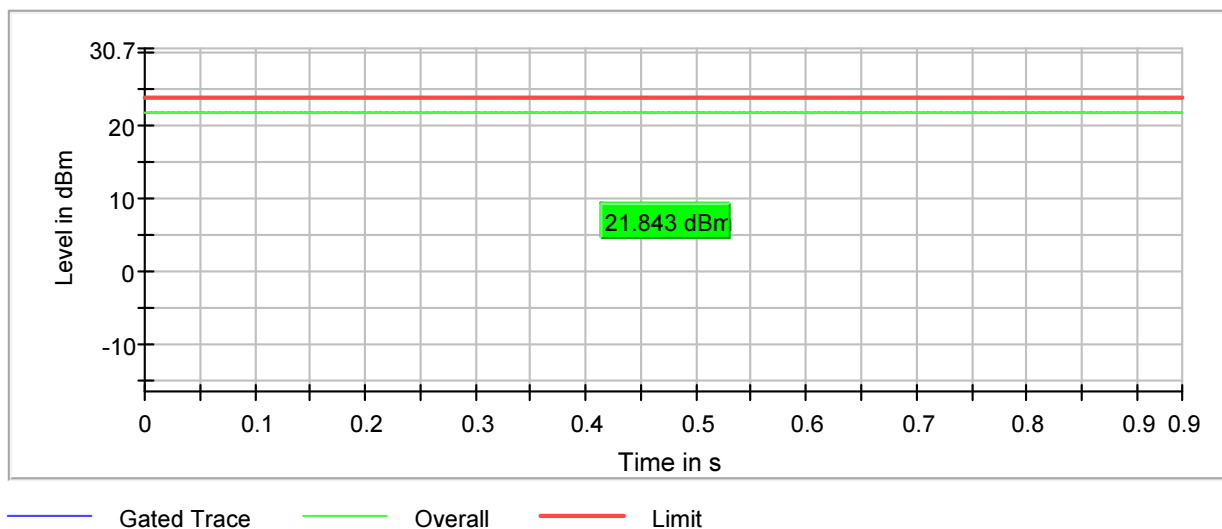
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5720MHz
Result	Output Power = 151.4W (21.8dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5720.000000	21.8	24.0	21.8	94.939	PASS

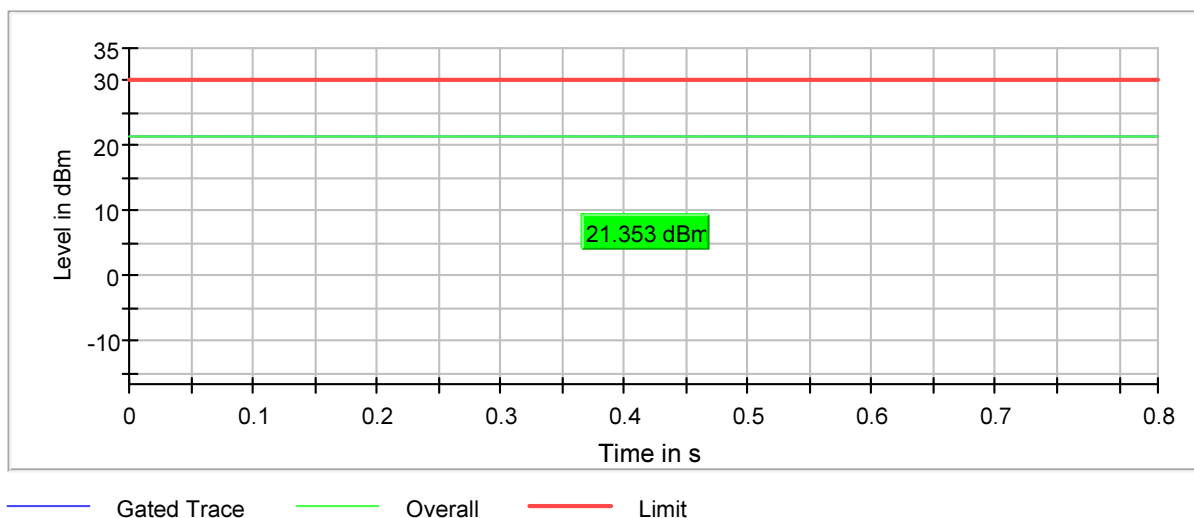
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5745MHz
Result	Output Power = 138.1mW (21.4dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5745.000000	21.4	30.0	21.4	83.632	PASS

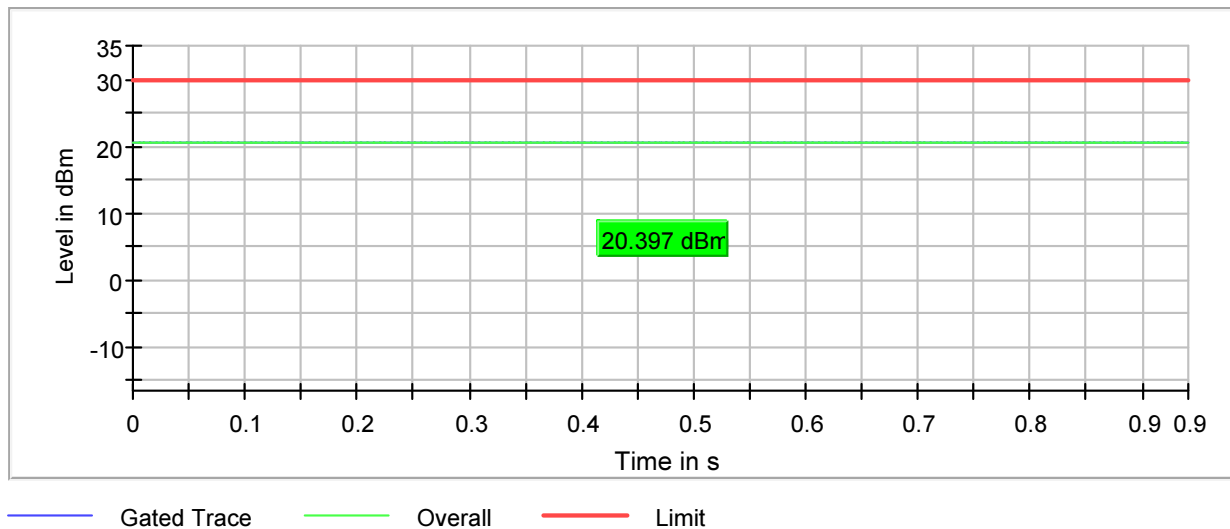
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5785MHz
Result	Output Power = 109.7mW (20.4dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5785.000000	20.4	30.0	20.4	94.926	PASS

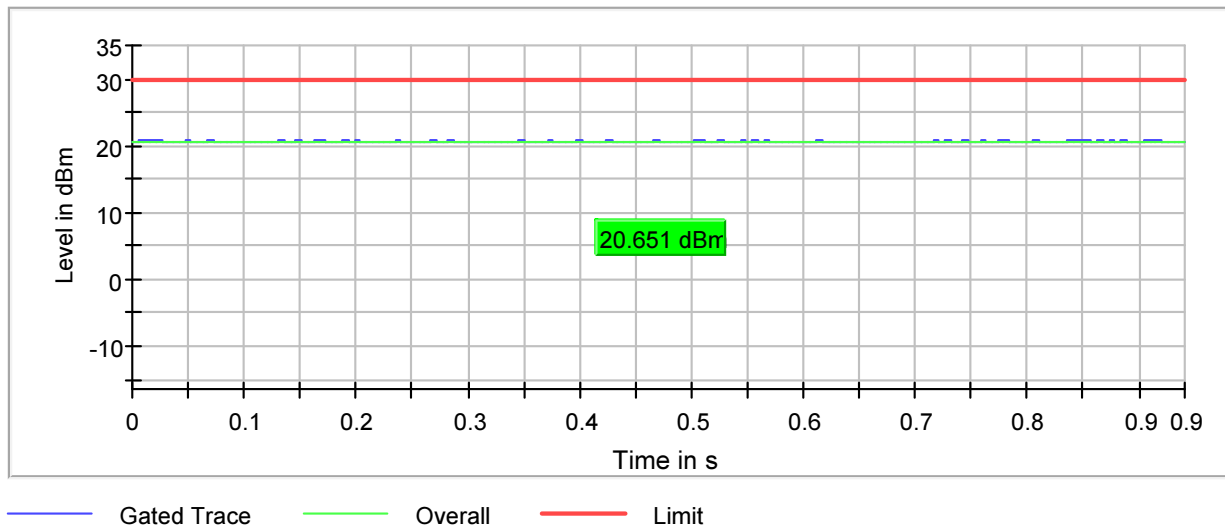
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5825MHz
Result	Output Power = 117.5mW (20.7dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5825.000000	20.7	30.0	20.7	94.920	PASS

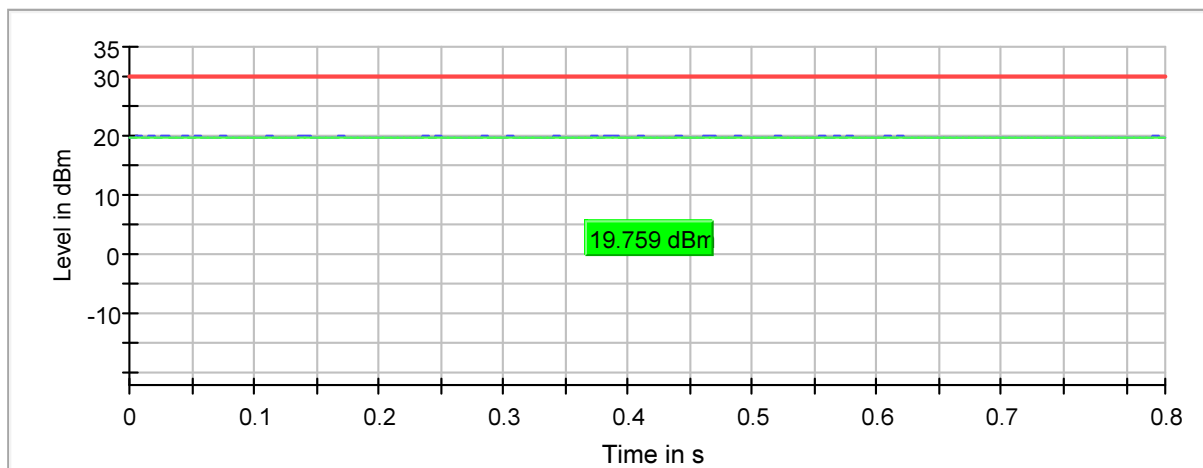
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5190MHz
Result	Output Power = 95.5W (19.8dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5190.000000	19.8	30.0	19.8	83.628	PASS

Gated Trace

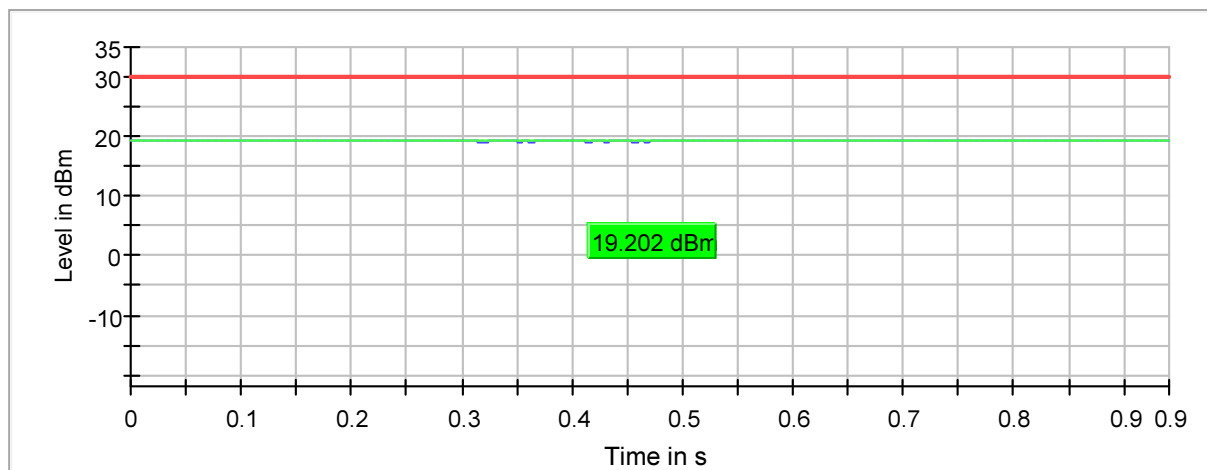


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5230MHz
Result	Output Power = 83.2mW (19.2dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5230.000000	19.2	30.0	19.2	94.826	PASS

Gated Trace

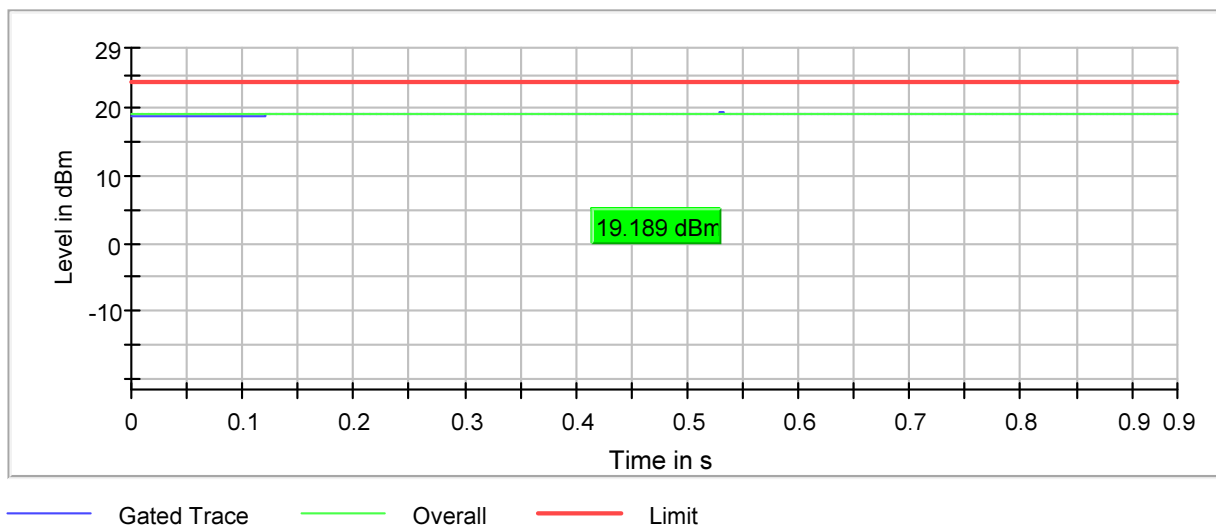


— Gated Trace
 — Overall
 — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5270MHz
Result	Output Power = 83.2mW (19.2dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5270.000000	19.2	30.0	19.2	94.822	PASS

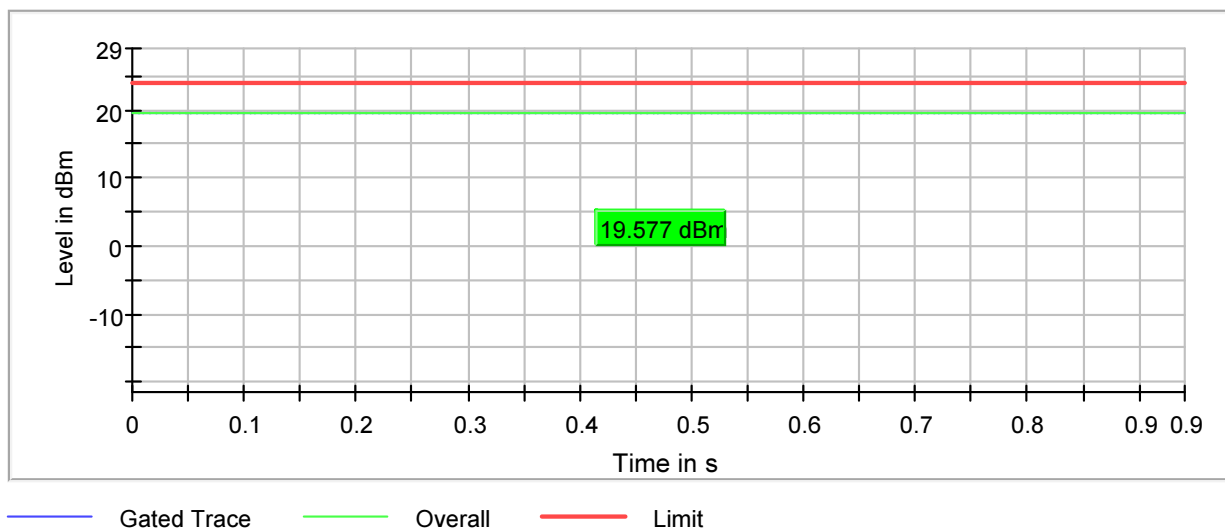
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5310MHz
Result	Output Power = 91.3mW (19.6dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5310.000000	19.6	30.0	19.6	94.827	PASS

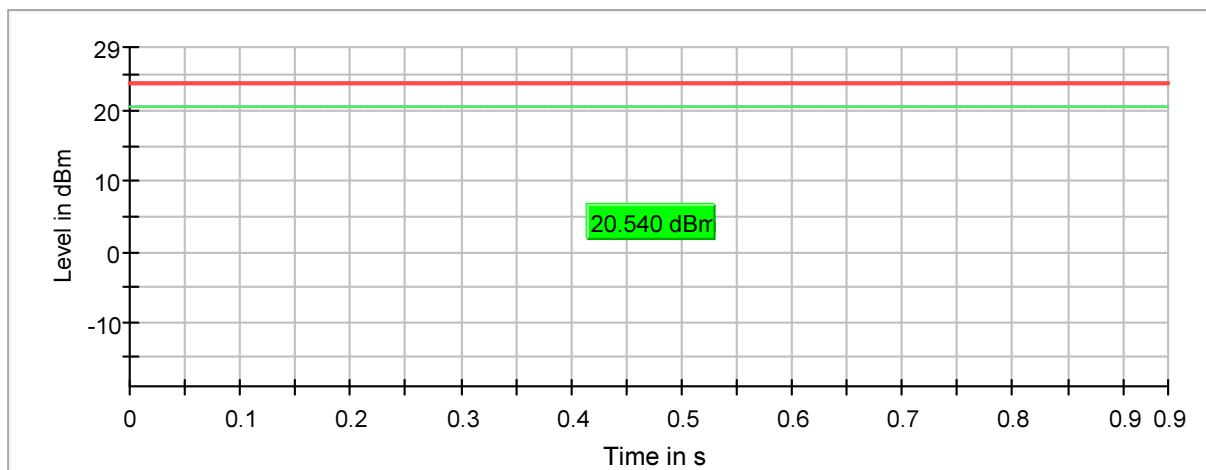
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5510MHz
Result	Output Power = 112.3W (20.5dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5510.000000	20.5	30.0	20.5	94.815	PASS

Gated Trace

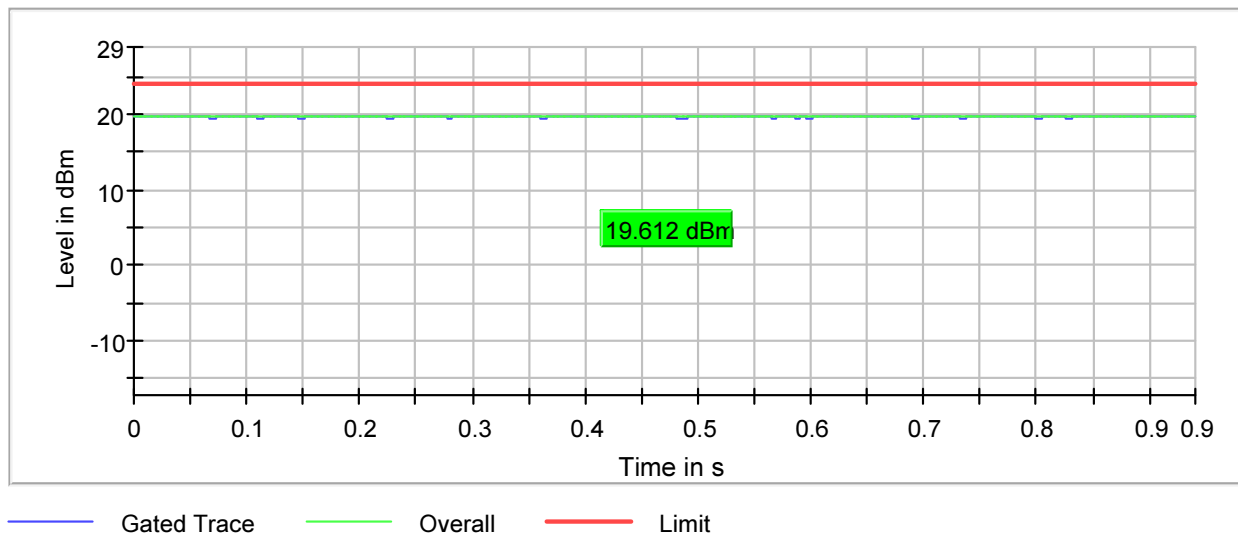


— Gated Trace — Overall — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5630MHz
Result	Output Power = 91.3W (19.6dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5630.000000	19.6	24.0	19.6	94.806	PASS

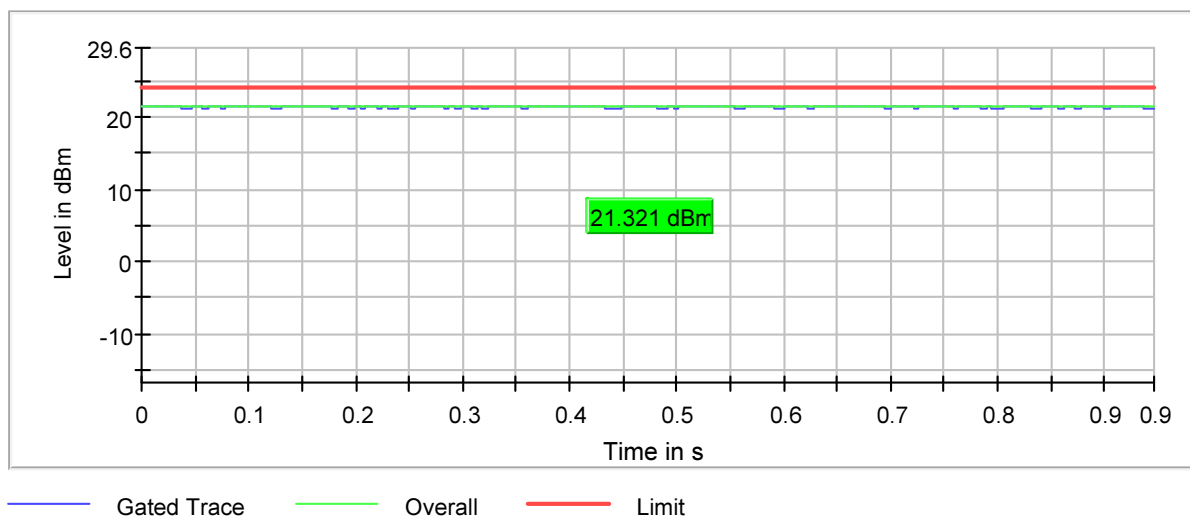
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5710MHz
Result	Output Power = 134.9mW (21.3dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5710.000000	21.3	24.0	21.3	94.820	PASS

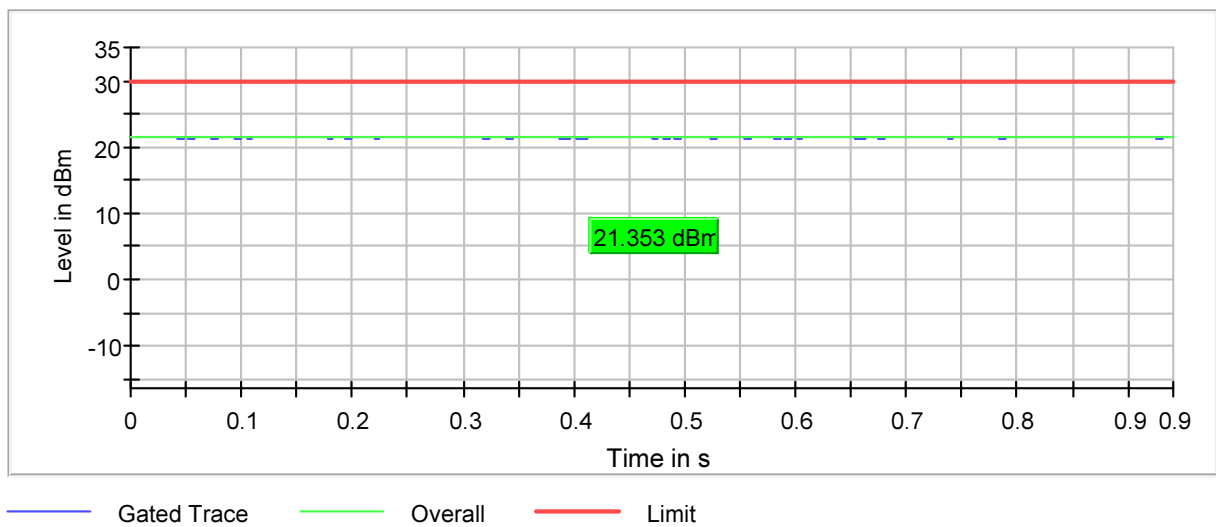
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5755MHz
Result	Output Power = 138.1mW (21.4dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5755.000000	21.4	24.0	21.4	94.812	PASS

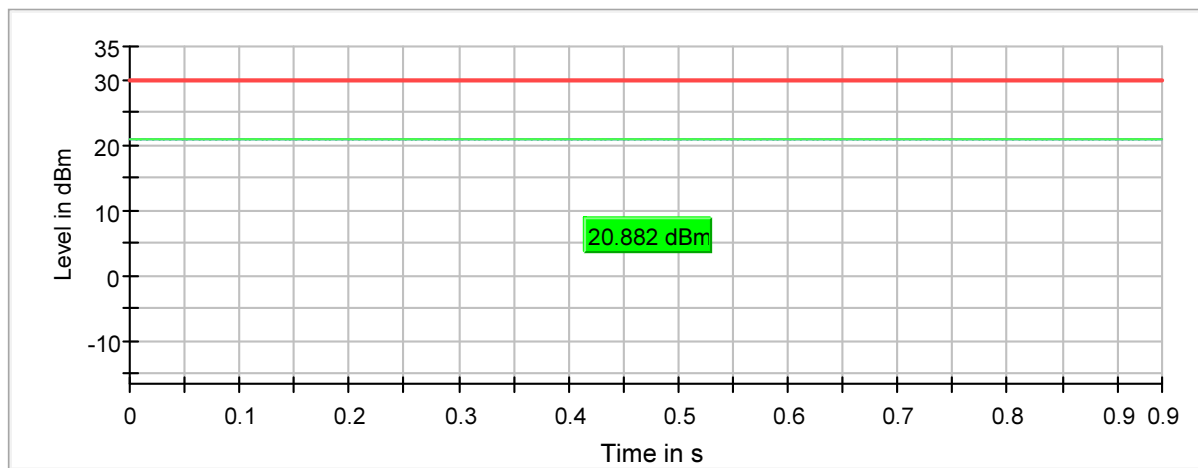
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5795MHz
Result	Output Power = 123.1mW (20.9dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5795.000000	20.9	24.0	20.9	94.807	PASS

Gated Trace

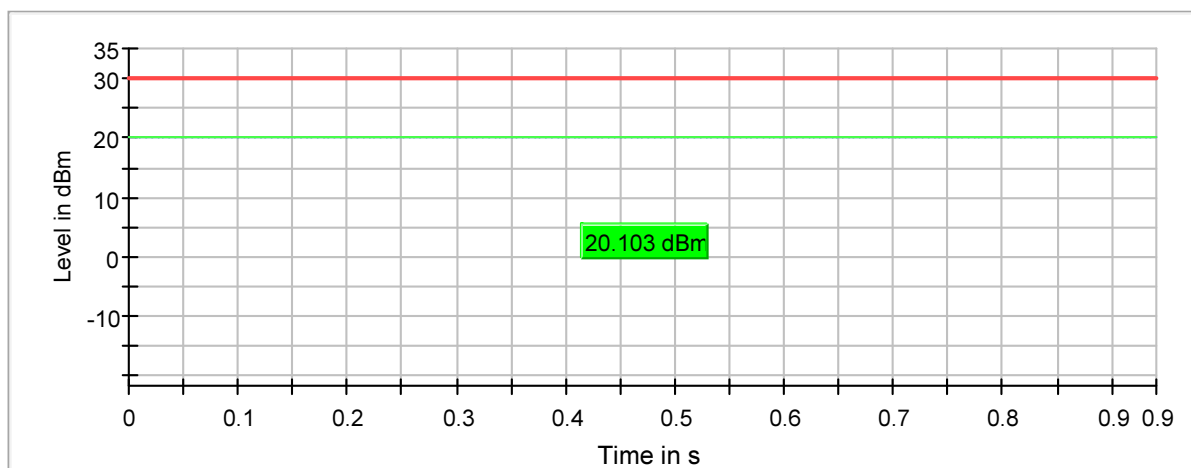


— Gated Trace
 — Overall
 — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5210MHz
Result	Output Power = 102.4mW (20.1dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5210.000000	20.1	30.0	20.1	94.657	PASS

Gated Trace

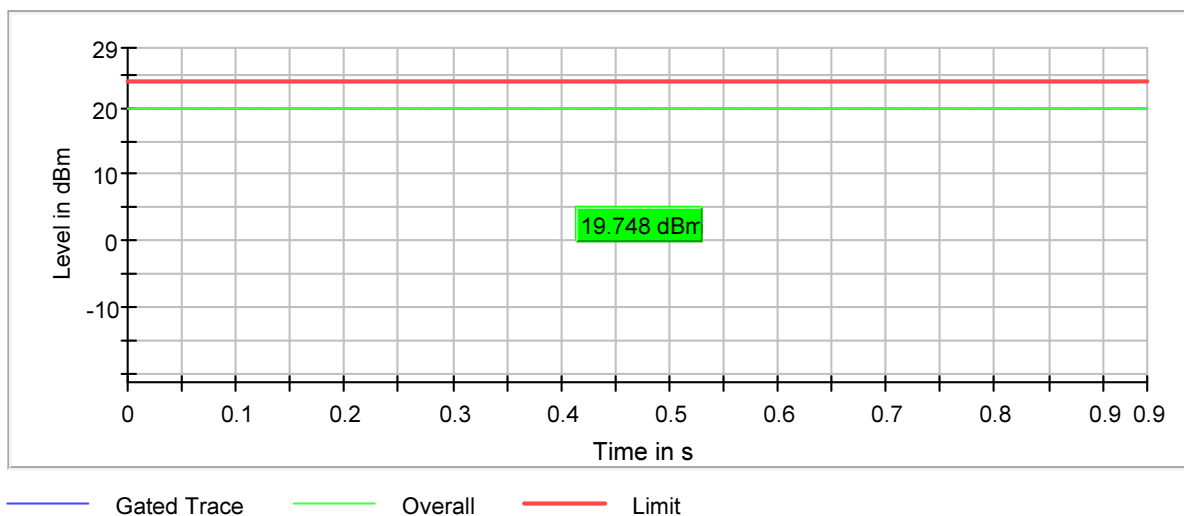


— Gated Trace
 — Overall
 — Limit

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5290MHz
Result	Output Power = 93.4mW (19.7dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5290.000000	19.7	30.0	19.7	94.660	PASS

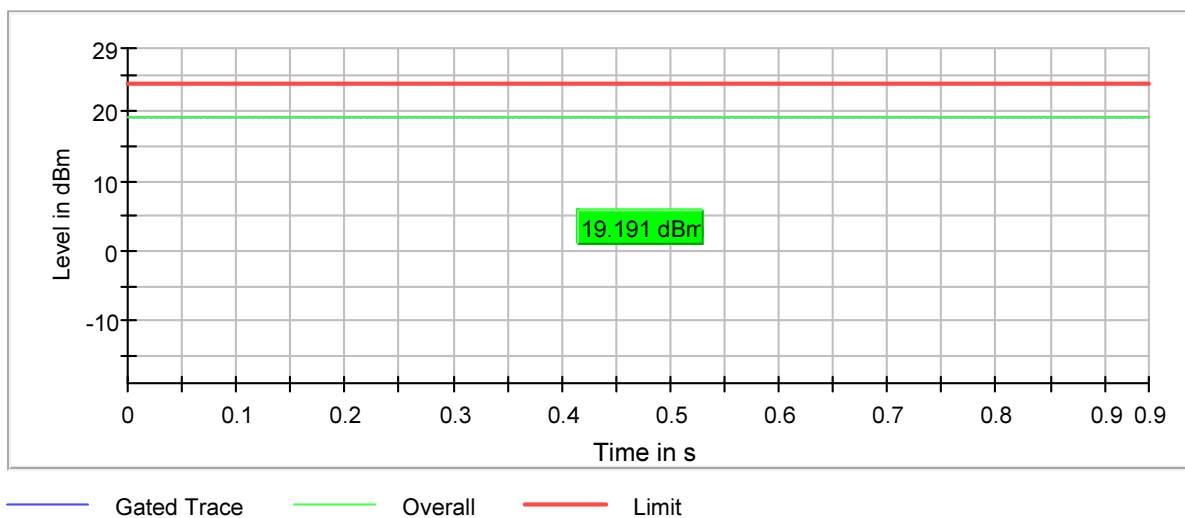
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5530MHz
Result	Output Power = 83.2mW (19.2dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5530.000000	19.2	30.0	19.2	94.670	PASS

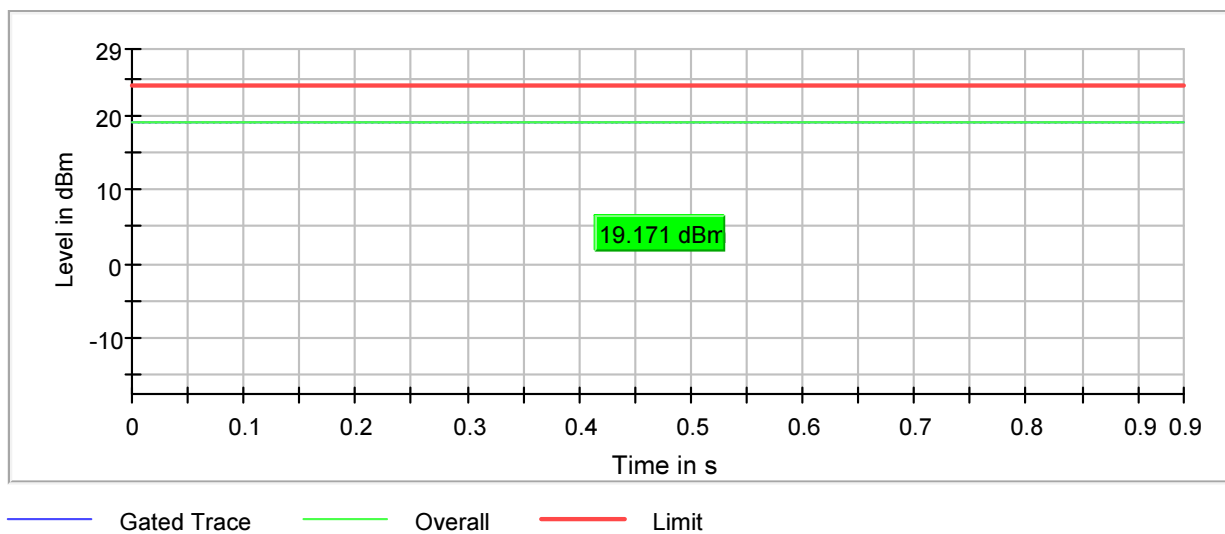
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5610MHz
Result	Output Power = 83.2mW (19.2dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5610.000000	19.2	24.0	19.2	94.664	PASS

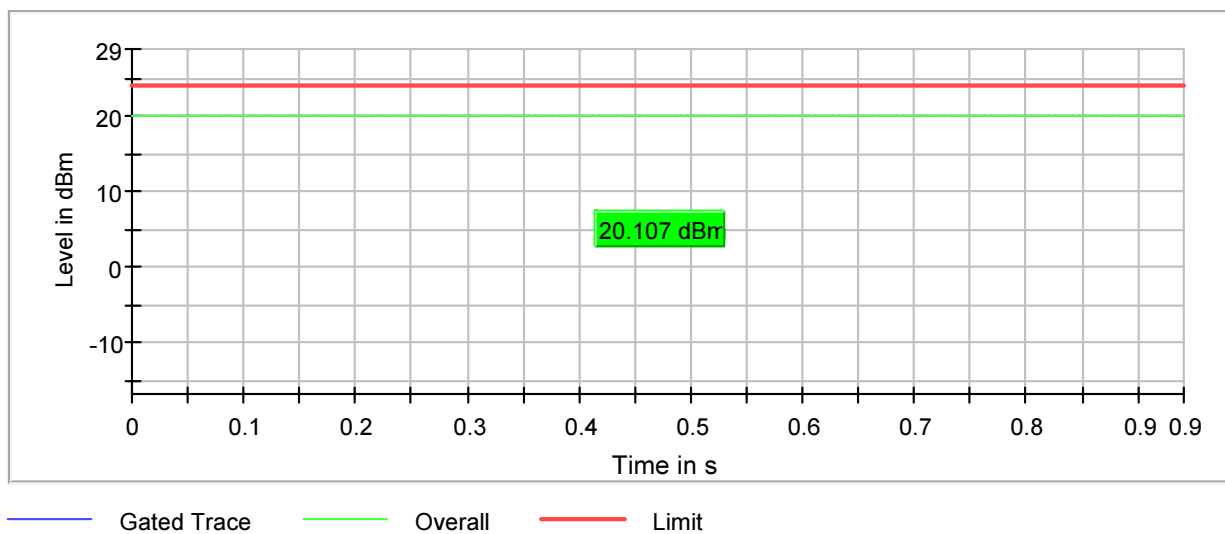
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5690MHz
Result	Output Power = 102.4mW (20.1dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5690.000000	20.1	24.0	20.1	94.671	PASS

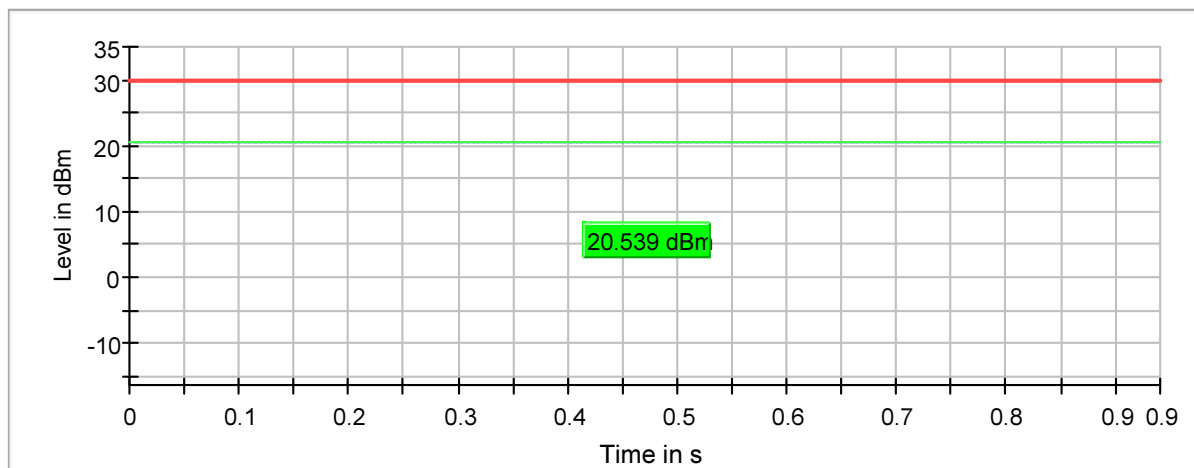
Gated Trace



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5775MHz
Result	Output Power = 112.3mW (20.5dBm)
Notes	None

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	Duty Cycle (%)	Result
5775.000000	20.5	24.0	20.5	94.672	PASS

Gated Trace



— Gated Trace
 — Overall
 — Limit

24. Effective Isotropic Radiated Power (EIRP)

EUT Information	
Manufacturer	Righthand Technologies Inc
Product	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx

Test Setup Details	
Setup Format	Tabletop
Height of Support	N/A
Measurement Method	Radiated
Type of Test Site	Semi-Anechoic Chamber
Test Site Used	R29F
Antenna Type Used	Double-ridged waveguide (or equivalent)
Notes	None

Measurement Uncertainty	
Measurement Type	Expanded Measurement Uncertainty
Radiated disturbance (electric field strength on an open area test site or alternative test site) (1 GHz – 6 GHz)	3.1

Requirements
FCC Part 15 Subpart E specifies the following: - In the 5150 – 5250MHz band, the maximum e.i.r.p. shall be 36dBm for a master device. - In the 5250 – 5350MHz and 5470 – 5725MHz bands, the maximum e.i.r.p. shall be 30dBm. - In the 5725 – 5850MHz band, the maximum e.i.r.p. shall be 36dBm.
RSS-247 Section 6.2 specifies the following: - In the 5150 – 5250MHz band, the maximum e.i.r.p. shall be 23dBm or 10dBm + 10log(99% emission BW) - In the 5250 – 5350MHz and 5470 – 5725MHz bands, the maximum e.i.r.p. shall be 30dBm or 17dBm + 10log(99% emission BW), whichever is lower. - In the 5725 – 5850MHz band, the maximum e.i.r.p. shall be 36dBm.

Procedure
The EUT was placed on the non-conductive stand and set to transmit. A double ridged waveguide antenna was placed at a test distance of 3 meters from the EUT. The resolution bandwidth (RBW) of the spectrum analyzer was set to 1 MHz. The EUT was maximized for worst case emissions (or maximum output power) at the measuring antenna. The maximum meter reading was recorded. The maximum power output was measured for the low, middle, and high channels. The equivalent power was determined from the field intensity levels measured at 3 meters using the substitution method. To determine the emission power, a dipole antenna (double ridged waveguide antenna for all measurements above 1GHz) was then set in place of the EUT and connected to a calibrated signal generator. The output of the signal generator was adjusted to match the received level at the spectrum analyzer. The signal level was recorded. The reading was then corrected to compensate for cable loss (and antenna gain for all measurements above 1GHz), as required. The power output was calculated for low, middle, and high frequencies.

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a
Result	Max EIRP = 158.5mW(22dBm)
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

FCC EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5180.00	H	78.2	17.1	9.9	5.0	22.0	36.0	-14.0
	V	70.3	11.1	9.9	5.0	16.0	36.0	-20.0
5220.00	H	77.6	16.9	9.9	5.0	21.7	36.0	-14.3
	V	69.1	9.9	9.9	5.0	14.7	36.0	-21.3
5240.00	H	76.3	15.6	9.8	5.1	20.4	36.0	-15.6
	V	68.2	8.6	9.8	5.1	13.4	36.0	-22.6

ISED EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5180.00	H	78.2	17.1	9.9	5.0	22.0	22.2	-0.2
	V	70.3	11.1	9.9	5.0	16.0	22.2	-6.2
5220.00	H	77.6	16.9	9.9	5.0	21.7	22.2	-0.5
	V	69.1	9.9	9.9	5.0	14.7	22.2	-7.5
5240.00	H	76.3	15.6	9.8	5.1	20.4	22.2	-1.8
	V	68.2	8.6	9.8	5.1	13.4	22.2	-8.8

Note: $10 + 10 \log(16.5\text{MHz}) \text{ dBm} = 22.2\text{dBm}$

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a
Result	Max EIRP = 141.3mW(21.5dBm)
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

FCC EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5260.00	H	75.3	14.5	9.8	5.1	19.3	30.0	-10.7
	V	68.6	8.8	9.8	5.1	13.6	30.0	-16.4
5300.00	H	77.2	16.8	9.8	5.1	21.5	30.0	-8.5
	V	70.0	10.0	9.8	5.1	14.7	30.0	-15.3
5320.00	H	76.8	16.3	9.8	5.1	21.0	30.0	-9.0
	V	70.4	10.6	9.8	5.1	15.3	30.0	-14.7

ISED EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5260.00	H	75.3	14.5	9.8	5.1	19.3	29.2	-9.9
	V	68.6	8.8	9.8	5.1	13.6	29.2	-15.6
5300.00	H	77.2	16.8	9.8	5.1	21.5	29.2	-7.7
	V	70.0	10.0	9.8	5.1	14.7	29.2	-14.5
5320.00	H	76.8	16.3	9.8	5.1	21.0	29.2	-8.2
	V	70.4	10.6	9.8	5.1	15.3	29.2	-13.9

Note: $17 + 10 \log(16.5\text{MHz}) \text{ dBm} = 29.2\text{dBm}$

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a
Result	Max EIRP = 223.9mW(23.5dBm)
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

FCC EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5500.00	H	77.2	16.9	10.0	5.2	21.7	30.0	-8.3
	V	70.6	10.3	10.0	5.2	15.1	30.0	-14.9
5620.00	H	75.4	15.9	10.2	5.3	20.9	30.0	-9.1
	V	70.7	11.0	10.2	5.3	16.0	30.0	-14.0
5720.00	H	77.8	18.5	10.3	5.3	23.5	30.0	-6.5
	V	71.4	12.3	10.3	5.3	17.3	30.0	-12.7

ISED EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5500.00	H	77.2	16.9	10.0	5.2	21.7	29.2	-7.5
	V	70.6	10.3	10.0	5.2	15.1	29.2	-14.1
5620.00	H	75.4	15.9	10.2	5.3	20.9	29.2	-8.3
	V	70.7	11.0	10.2	5.3	16.0	29.2	-13.2
5720.00	H	77.8	18.5	10.3	5.3	23.5	29.2	-5.7
	V	71.4	12.3	10.3	5.3	17.3	29.2	-11.9
Note: $17 + 10 \log(16.5\text{MHz}) \text{ dBm} = 29.2\text{dBm}$								

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a
Result	Max EIRP = 223.9mW(23.5dBm)
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5745.00	H	77.9	18.5	10.3	5.3	23.5	36.0	-12.5
	V	71.1	11.5	10.3	5.3	16.5	36.0	-19.5
5785.00	H	76.3	17.1	10.3	5.3	22.1	36.0	-13.9
	V	72.1	12.4	10.3	5.3	17.4	36.0	-18.6
5825.00	H	76.5	17.2	10.3	5.4	22.2	36.0	-13.8
	V	71.7	12.3	10.3	5.4	17.3	36.0	-18.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20
Result	Max EIRP = 199.6mW(23dBm)
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

FCC EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5180.00	H	78.4	17.3	9.9	5.0	22.2	36.0	-13.8
	V	70.6	11.4	9.9	5.0	16.3	36.0	-19.7
5220.00	H	79.0	18.1	9.9	5.0	22.9	36.0	-13.1
	V	72.1	13.0	9.9	5.0	17.8	36.0	-18.2
5240.00	H	77.8	17.1	9.8	5.1	21.9	36.0	-14.1
	V	70.2	10.6	9.8	5.1	15.4	36.0	-20.6

ISED EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5180.00	H	78.4	17.3	9.9	5.0	22.2	22.9	-0.7
	V	70.6	11.4	9.9	5.0	16.3	22.9	-6.6
5220.00	H	79.0	18.2	9.9	5.0	22.9	22.9	0.0
	V	72.1	13.0	9.9	5.0	17.8	22.9	-5.1
5240.00	H	77.8	17.1	9.8	5.1	21.9	22.9	-1.0
	V	70.2	10.6	9.8	5.1	15.4	22.9	-7.5

Note: $10 + 10 \log(19.2\text{MHz}) \text{ dBm} = 22.9\text{dBm}$

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20
Result	Max EIRP = 190.6mW(22.8dBm)
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

FCC EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5260.00	H	77.6	16.9	9.8	5.1	21.7	30.0	-8.3
	V	69.7	9.9	9.8	5.1	14.7	30.0	-15.3
5300.0	H	76.0	15.7	9.8	5.1	20.4	30.0	-9.6
	V	70.7	10.8	9.8	5.1	15.5	30.0	-14.5
5320.0	H	78.7	18.1	9.8	5.1	22.8	30.0	-7.2
	V	70.9	11.1	9.8	5.1	15.8	30.0	-14.2

ISED EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5260.00	H	77.6	16.9	9.8	5.1	21.7	29.9	-8.2
	V	69.7	9.9	9.8	5.1	14.7	29.9	-15.2
5300.0	H	76.0	15.7	9.8	5.1	20.4	29.9	-9.5
	V	70.7	10.8	9.8	5.1	15.5	29.9	-14.4
5320.0	H	78.7	18.1	9.8	5.1	22.8	29.9	-7.1
	V	70.9	11.1	9.8	5.1	15.8	29.9	-14.1
Note: $17 + 10 \log(19.2\text{MHz}) \text{ dBm} = 29.9\text{dBm}$								

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20
Result	Max EIRP = 141.3mW(21.5dBm)
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

FCC EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5500.00	H	75.9	15.6	10.0	5.2	20.4	30.0	-9.6
	V	70.6	10.3	10.0	5.2	15.1	30.0	-14.9
5620.0	H	73.8	14.3	10.2	5.3	19.3	30.0	-10.7
	V	68.9	9.2	10.2	5.3	14.2	30.0	-15.8
5720.0	H	75.8	16.5	10.3	5.3	21.5	30.0	-8.5
	V	69.4	10.2	10.3	5.3	15.2	30.0	-14.8

ISED EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5500.00	H	75.9	15.6	10.0	5.2	20.4	29.9	-9.5
	V	70.6	10.3	10.0	5.2	15.1	29.9	-14.8
5620.0	H	73.8	14.3	10.2	5.3	19.3	29.9	-10.6
	V	68.9	9.2	10.2	5.3	14.2	29.9	-15.7
5720.0	H	75.8	16.5	10.3	5.3	21.5	29.9	-8.4
	V	69.4	10.2	10.3	5.3	15.2	29.9	-14.7

Note: $17 + 10 \log(19.2\text{MHz}) \text{ dBm} = 29.9\text{dBm}$

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20
Result	Max EIRP = 263.1mW(24.2dBm)
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5745.00	H	78.6	19.2	10.3	5.3	24.2	36.0	-11.8
	V	73.0	13.3	10.3	5.3	18.3	36.0	-17.7
5785.0	H	77.6	18.4	10.3	5.3	23.4	36.0	-12.6
	V	71.8	12.1	10.3	5.3	17.1	36.0	-18.9
5825.0	H	77.1	17.8	10.3	5.4	22.8	36.0	-13.2
	V	72.3	12.9	10.3	5.4	17.9	36.0	-18.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40
Result	Max EIRP = 158.5mW(22dBm)
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

FCC EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5190.00	H	78.3	17.2	9.9	5.0	22.0	36.0	-14.0
	V	75.0	15.7	9.9	5.0	20.5	36.0	-15.5
5230.0	H	74.4	16.6	9.9	5.0	21.4	36.0	-14.6
	V	66.8	10.7	9.9	5.0	15.5	36.0	-20.5

ISED EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5190.00	H	78.3	17.2	9.9	5.0	22.0	23.0	-1
	V	75.0	15.7	9.9	5.0	20.5	23.0	-2.5
5230.0	H	74.4	16.6	9.9	5.0	21.4	23.0	-1.6
	V	66.8	10.7	9.9	5.0	15.5	23.0	-7.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40
Result	Max EIRP = 549.6mW(27.4dBm)
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5270.00	H	83.4	22.6	9.8	5.1	27.4	30.0	-2.6
	V	78.2	18.4	9.8	5.1	23.2	30.0	-6.8
5310.0	H	82.6	22.1	9.8	5.1	26.8	30.0	-3.2
	V	78.7	18.8	9.8	5.1	23.5	30.0	-6.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40
Result	Max EIRP = 758.6mW(28.8dBm)
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5510.00	H	79.9	19.7	10.0	5.2	24.6	30.0	-5.4
	V	75.3	15.1	10.0	5.2	20.0	30.0	-10.0
5630.0	H	78.2	18.7	10.3	5.3	23.7	30.0	-6.3
	V	73.2	13.5	10.3	5.3	18.5	30.0	-11.5
5710.0	H	83.1	23.8	10.3	5.3	28.8	30.0	-1.2
	V	76.8	17.6	10.3	5.3	22.6	30.0	-7.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40
Result	Max EIRP = 478.7mW(26.8dBm)
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5755.00	H	81.2	21.8	10.3	5.3	26.8	36.0	-9.2
	V	76.8	17.2	10.3	5.3	22.2	36.0	-13.8
5795.0	H	78.9	19.6	10.3	5.3	24.6	36.0	-11.4
	V	74.5	14.8	10.3	5.3	19.8	36.0	-16.2

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80
Result	Max EIRP = 269.2mW(24.3dBm)
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

FCC EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5210.00	H	78.9	18.1	9.9	5.0	22.9	36.0	-13.1
	V	76.9	17.7	9.9	5.0	22.5	36.0	-13.5

ISED EIRP								
Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5210.00	H	78.9	18.1	9.9	5.0	22.9	23	-0.1
	V	76.9	17.7	9.9	5.0	22.5	23	-0.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80
Result	Max EIRP = 269.2mW(24.3dBm)
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5290.00	H	78.8	19.5	9.8	5.1	24.3	30.0	-5.7
	V	75.6	16.6	9.8	5.1	21.4	30.0	-8.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80
Result	Max EIRP = 323.6mW(25.1dBm)
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5530.00	H	79.2	19.2	10.1	5.2	24.1	30.0	-5.9
	V	75.3	15.0	10.1	5.2	19.9	30.0	-10.1
5610.0	H	79.3	19.8	10.2	5.2	24.8	30.0	-5.2
	V	74.2	14.5	10.2	5.2	19.5	30.0	-10.5
5690.0	H	79.4	20.1	10.3	5.3	25.1	30.0	-4.9
	V	74.7	15.5	10.3	5.3	20.5	30.0	-9.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80
Result	Max EIRP = 316.3mW(25dBm)
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Wide BW Meter Reading (dBμV)	Matched Sig Gen Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5775.00	H	78.2	20.0	10.3	5.3	25.0	36.0	-11.0
	V	72.5	12.8	10.3	5.3	17.8	36.0	-18.2

25. Case Spurious Radiated Emissions

EUT Information	
Manufacturer	Righthand Technologies Inc
Product	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx

Test Setup Details	
Setup Format	Tabletop
Height of Support	N/A
Type of Test Site	Semi-Anechoic Chamber
Test Site Used	R29F
Antenna Types Used	Below 1GHz: Bilog (or equivalent) 1 – 18GHz: Double-Ridged Waveguide (or equivalent) Above 18GHz: Horn (or equivalent)
Notes	N/A

Measurement Uncertainty	
Measurement Type	Expanded Measurement Uncertainty
Radiated disturbance (electric field strength on an open area test site or alternative test site) (30 MHz – 1000 MHz)	4.3
Radiated disturbance (electric field strength on an open area test site or alternative test site) (1 GHz – 6 GHz)	3.1
Radiated disturbance (electric field strength on an open area test site or alternative test site) (6 GHz – 18 GHz)	3.2
Radiated disturbance (electric field strength on an open area test site or alternative test site) (18 GHz – 26.5 GHz)	3.3
Radiated disturbance (electric field strength on an open area test site or alternative test site) (26.5 GHz – 40 GHz)	3.4

Procedure

Radiated measurements were performed in a 32ft. x 20ft. x 14ft. high shielded enclosure. The shielded enclosure prevents emissions from other sources, such as radio and TV stations from interfering with the measurements. All powerlines and signal lines entering the enclosure pass through filters on the enclosure wall. The powerline filters prevent extraneous signals from entering the enclosure on these leads.

Preliminary radiated emissions tests were performed to determine the emission characteristics of the EUT. For the preliminary test, a broadband measuring antenna was positioned at a 3-meter distance from the EUT. The entire frequency range from 30MHz to 40GHz was investigated using a peak detector function.

The final open field emission tests were then manually performed over the frequency range of 30MHz to 40GHz.

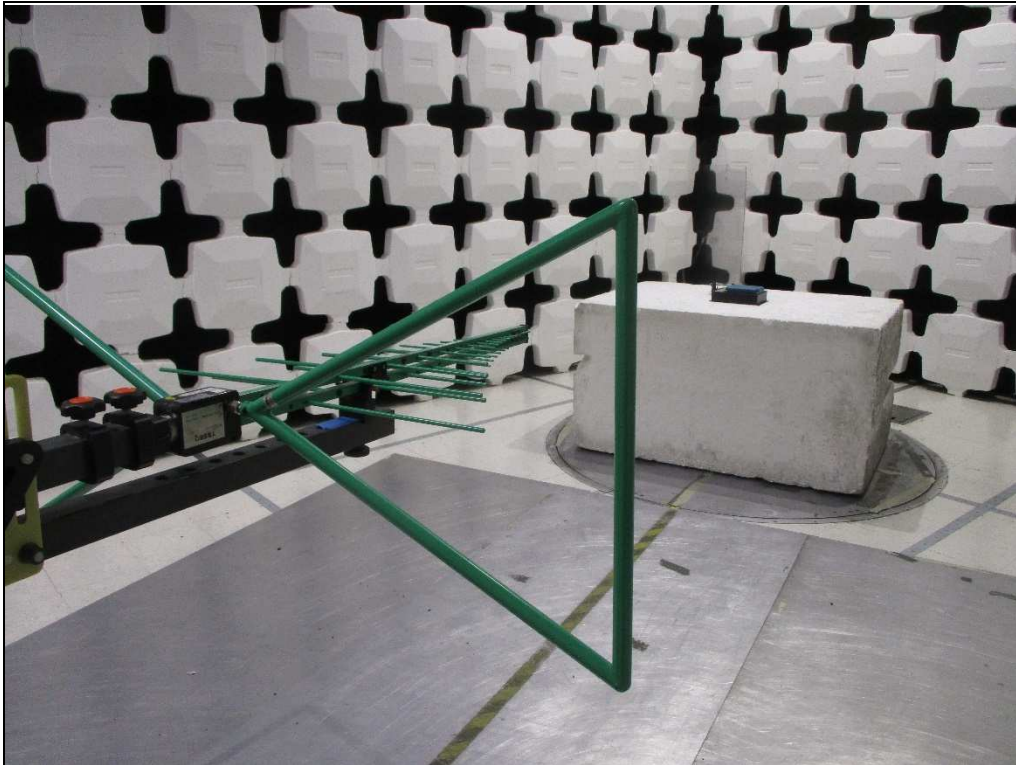
1) For all harmonics not in the restricted bands, the following procedure was used:

- a) The EUT was placed on the non-conductive stand and set to transmit. A double ridged waveguide antenna was placed at a test distance of 3 meters from the EUT. The resolution bandwidth (RBW) of the spectrum analyzer was set to greater than the 6dB bandwidth. The EUT was maximized for worst case emissions (or maximum output power) at the measuring antenna. The maximum meter reading and power output was recorded.
- b) The equivalent power was determined from the field intensity levels measured at 3 meters using the substitution method. To determine the emission power, a double ridged waveguide antenna was then set in place of the EUT and connected to a calibrated signal generator. The output of the signal generator was adjusted to match the received level at the spectrum analyzer. The signal level was recorded. The reading was then corrected to compensate for cable loss and antenna gain, as required. The power output was then calculated and recorded.
- c) To ensure that maximum or worst-case emission levels were measured, the following steps were taken:
 - i) The EUT was rotated so that all of its sides were exposed to the receiving antenna.
 - ii) Since the measuring antenna is linearly polarized, both horizontal and vertical field components were measured.
 - iii) The measuring antenna was raised and lowered for each antenna polarization to maximize the readings.
 - iv) In instances where it was necessary to use a shortened cable between the measuring antenna and the spectrum analyzer, the measuring antenna was not raised or lowered to ensure maximized readings. Instead, the EUT was rotated through all axis to ensure the maximum readings were recorded for the EUT.

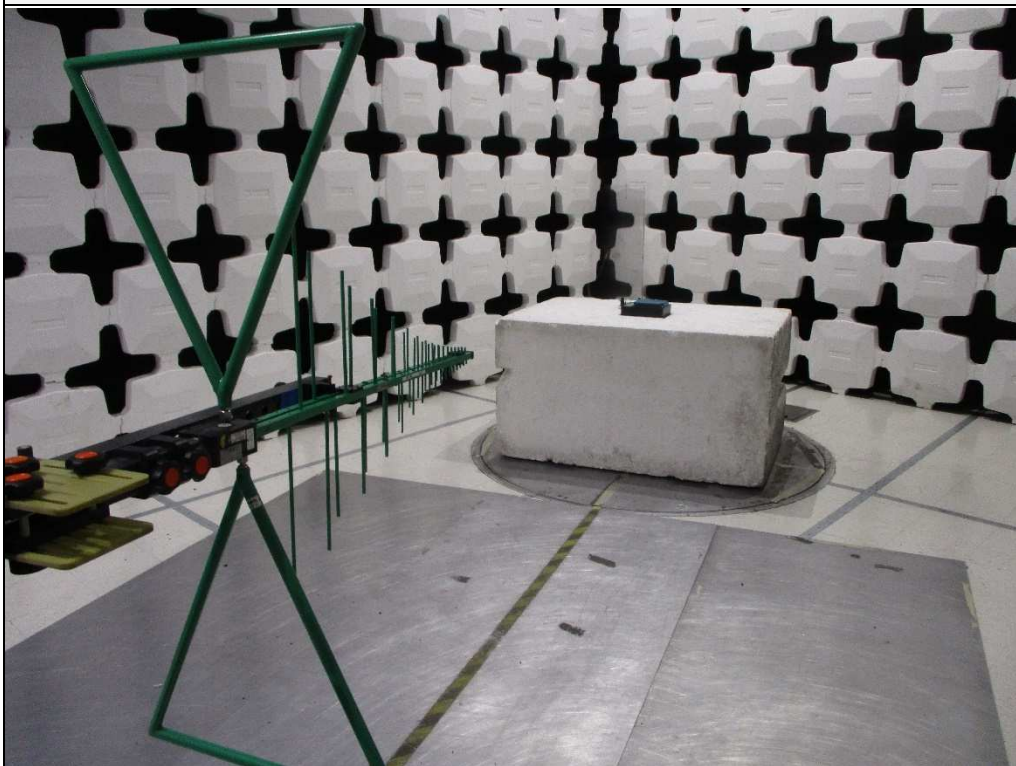
2) For all emissions in the restricted bands, the following procedure was used:

- a) The field strengths of all emissions below 1GHz were measured using a bi-log antenna. The bi-log antenna was positioned at a 3-meter distance from the EUT. The EUT was placed on an 80cm high non-conductive stand. A peak detector with a resolution bandwidth of 100 kHz was used on the spectrum analyzer.
- b) The field strengths of all emissions above 1GHz were measured using a double-ridged waveguide antenna. The waveguide antenna was positioned at a 3-meter distance from the EUT. The EUT was placed on a 1.5-meter-high non-conductive stand. A peak detector with a resolution bandwidth of 1MHz was used on the spectrum analyzer.
- c) To ensure that maximum or worst-case emission levels were measured, the following steps were taken when taking all measurements:
 - i) The EUT was rotated so that all of its sides were exposed to the receiving antenna.
 - ii) Since the measuring antenna is linearly polarized, both horizontal and vertical field components were measured.

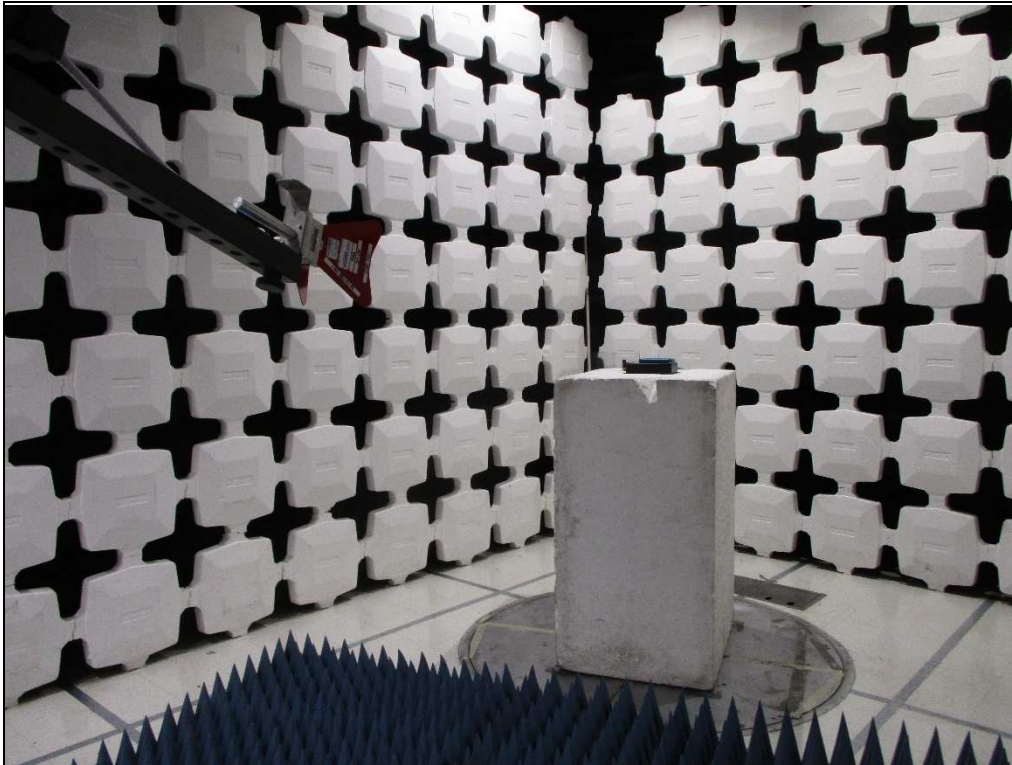
- iii) The measuring antenna was raised and lowered for each antenna polarization to maximize the readings.
- iv) In instances where it was necessary to use a shortened cable between the measuring antenna and the spectrum analyzer, the measuring antenna was not raised or lowered to ensure maximized readings. Instead, the EUT was rotated through all axis to ensure the maximum readings were recorded for the EUT.
- d) For all radiated emissions measurements above 1GHz, the peak readings must comply with the §15.35(b) limits. §15.35(b) states that when average radiated emissions measurements are specified, there also is a limit on the peak level of the radiated emissions. The limit on the peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. Therefore, all peak readings above 1GHz must be no greater than 20dB above the limits specified in §15.209(a).
- e) Next, for all radiated emissions measurements above 1GHz, the resolution bandwidth was set to 1MHz. The analyzer was set to linear mode with a 10Hz video bandwidth in order to simulate an average detector. An average reading was taken.



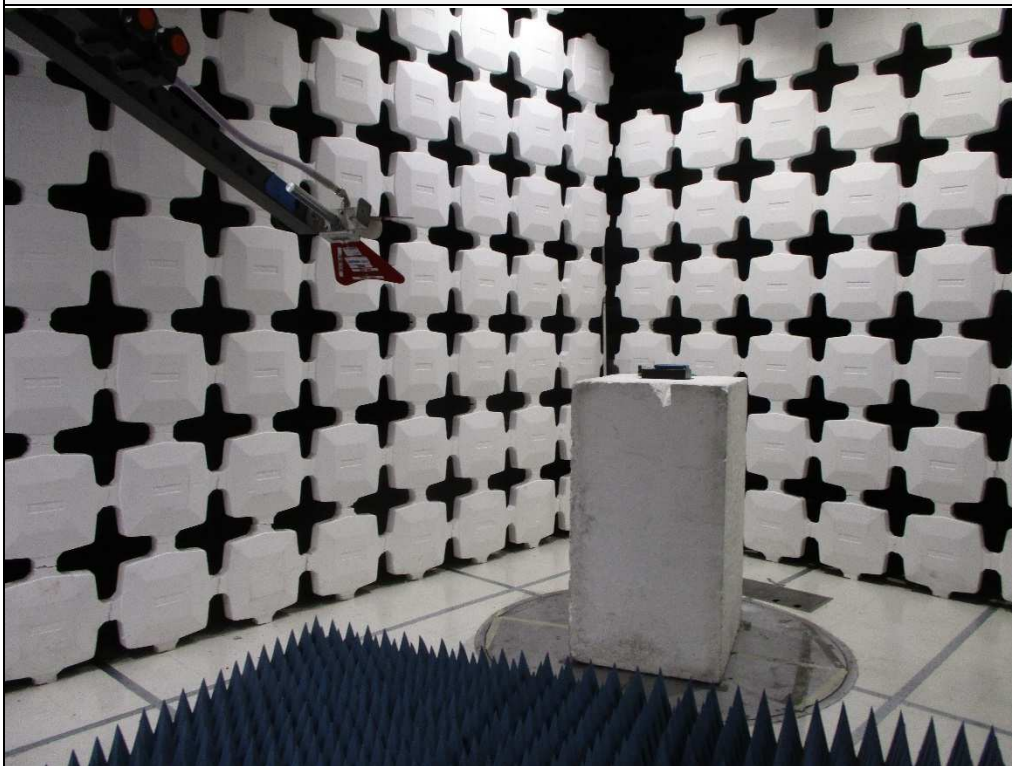
Test Setup for Spurious Radiated Emissions, 30MHz – 1GHz – Antenna
Polarization Horizontal



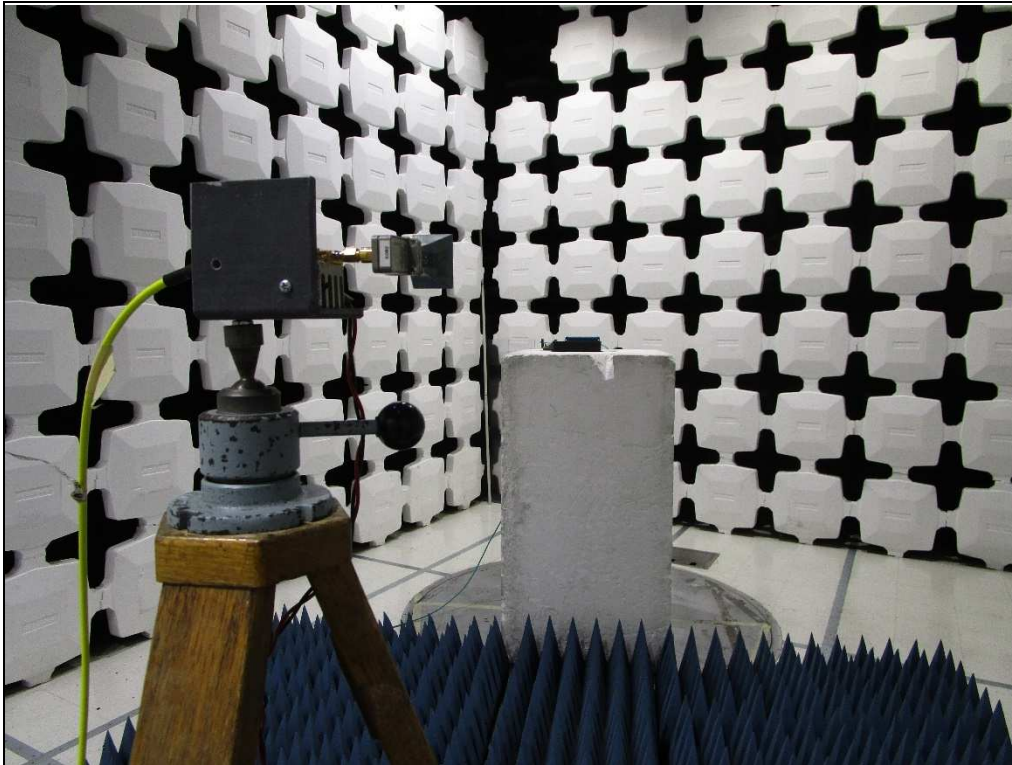
Test Setup for Spurious Radiated Emissions, 30MHz – 1GHz – Antenna
Polarization Vertical



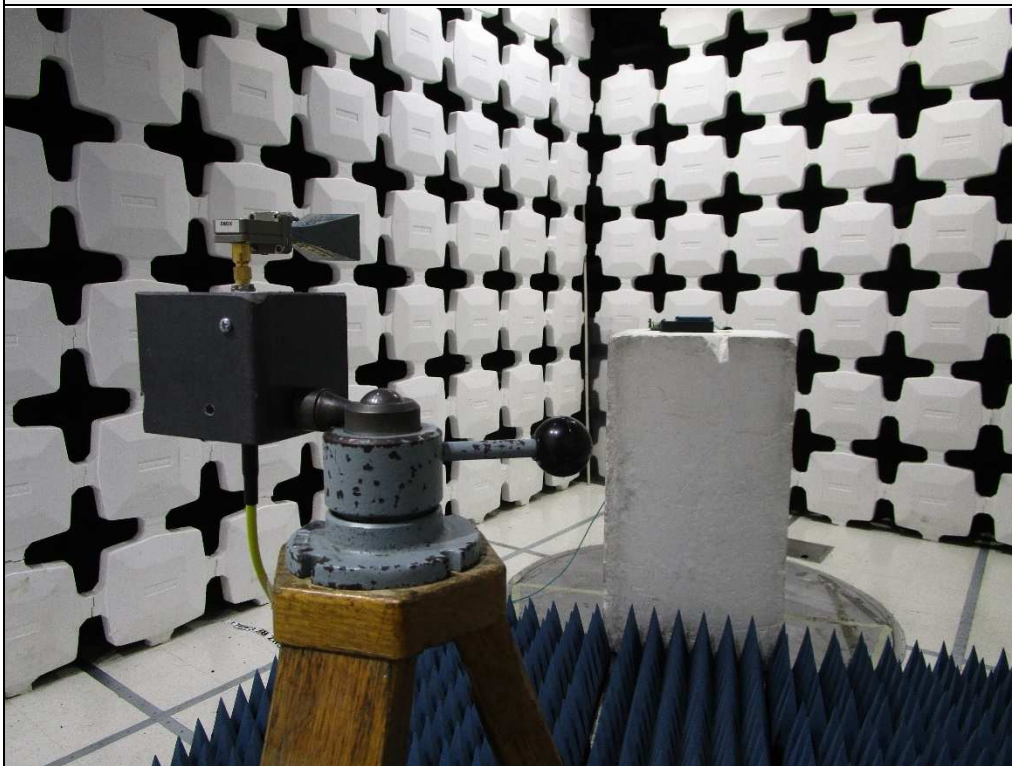
Test Setup for Spurious Radiated Emissions, 1GHz – 18GHz – Antenna
Polarization Horizontal



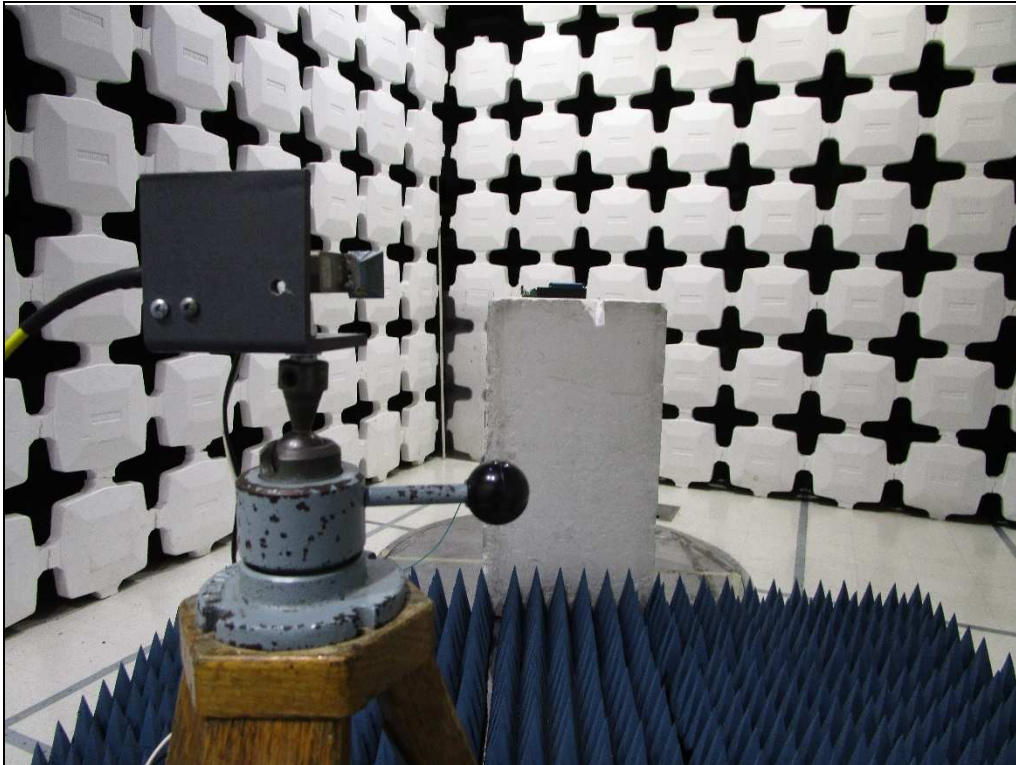
Test Setup for Spurious Radiated Emissions, 1GHz – 18GHz – Antenna
Polarization Vertical



Test Setup for Spurious Radiated Emissions, 18GHz – 26.5GHz – Antenna Polarization Horizontal



Test Setup for Spurious Radiated Emissions, 18GHz – 26.5GHz – Antenna Polarization Vertical



Test Setup for Spurious Radiated Emissions, 26.5GHz – 40GHz – Antenna Polarization Horizontal



Test Setup for Spurious Radiated Emissions, 26.5GHz – 40GHz – Antenna Polarization Vertical

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5180MHz
Test	Frequencies in the Restricted Bands - Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15540.00	H	47.6	*	7.6	43.1	-37.4	60.8	1097.9	5000.0	-13.2
	V	47.7	*	7.6	43.1	-37.4	60.9	1111.8	5000.0	-13.1
20720.00	H	36.2	*	2.3	40.1	-28.2	50.4	332.5	5000.0	-23.5
	V	35.9	*	2.3	40.1	-28.2	50.1	320.8	5000.0	-23.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5180MHz
Test	Frequencies in the Restricted Bands - Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15540.00	H	32.82	*	7.6	43.1	-37.4	0.0	46.1	201.4	500.0	-7.9
	V	32.76	*	7.6	43.1	-37.4	0.0	46.0	200.0	500.0	-8.0
20720.00	H	20.73	*	2.3	40.1	-28.2	0.0	35.0	56.1	500.0	-19.0
	V	20.78	*	2.3	40.1	-28.2	0.0	35.0	56.5	500.0	-18.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5180MHz
Test	Frequencies in the Non-Restricted Bands - EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10360.00	H	49.42	*	6.6	40.0	-38.7	57.3	-37.9	-27.0	-10.9
	V	48.55	*	6.6	40.0	-38.7	56.5	-38.7	-27.0	-11.7
25900.00	H	25.73	*	2.2	40.7	-29.1	39.5	-55.7	-27.0	-28.7
	V	24.69	*	2.2	40.7	-29.1	38.5	-56.7	-27.0	-29.7
31080.00	H	44.49	*	1.9	43.9	-36.1	54.2	-41.0	-27.0	-14.0
	V	45.62	*	1.9	43.9	-36.1	55.3	-39.9	-27.0	-12.9
36260.00	H	45.55	*	2.1	44.1	-33.9	57.8	-37.4	-27.0	-10.4
	V	44.29	*	2.1	44.1	-33.9	56.6	-38.6	-27.0	-11.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5220MHz
Test	Frequencies in the Restricted Bands - Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15660.00	H	47.6	*	7.5	43.2	-37.3	61.0	1122.7	5000.0	-13.0
	V	48.0	*	7.5	43.2	-37.3	61.4	1174.2	5000.0	-12.6
20880.00	H	36.4	*	2.3	40.0	-28.1	50.6	339.3	5000.0	-23.4
	V	36.6	*	2.3	40.0	-28.1	50.8	346.8	5000.0	-23.2
31320.00	H	44.4	*	1.9	43.9	-36.0	54.2	512.7	5000.0	-19.8
	V	45.0	*	1.9	43.9	-36.0	54.8	551.9	5000.0	-19.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5220MHz
Test	Frequencies in the Restricted Bands - Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15660.00	H	32.8	*	7.5	43.2	-37.3	0.0	46.2	204.8	500.0	-7.8
	V	32.8	*	7.5	43.2	-37.3	0.0	46.2	203.1	500.0	-7.8
20880.00	H	21.1	*	2.3	40.0	-28.1	0.0	35.3	58.0	500.0	-18.7
	V	20.9	*	2.3	40.0	-28.1	0.0	35.1	57.1	500.0	-18.8
31320.00	H	32.5	*	1.9	43.9	-36.0	0.0	42.3	130.3	500.0	-11.7
	V	33.0	*	1.9	43.9	-36.0	0.0	42.8	138.6	500.0	-11.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5220MHz
Test	Frequencies in the Non-Restricted Bands - EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10440.00	H	49.9	*	6.6	40.1	-38.7	57.9	-37.3	-27.0	-10.3
	V	48.7	*	6.6	40.1	-38.7	56.7	-38.5	-27.0	-11.5
26100.00	H	25.7	*	2.2	40.7	-29.4	39.3	-55.9	-27.0	-28.9
	V	25.3	*	2.2	40.7	-29.4	38.9	-56.3	-27.0	-29.3
36540.00	H	45.4	*	2.1	44.1	-34.8	56.8	-38.4	-27.0	-11.4
	V	45.3	*	2.1	44.1	-34.8	56.7	-38.5	-27.0	-11.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5240MHz
Test	Frequencies in the Restricted Bands - Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15720.00	H	47.4	*	7.5	43.2	-37.2	60.9	1113.4	5000.0	-13.0
	V	47.3	*	7.5	43.2	-37.2	60.8	1099.4	5000.0	-13.2
20960.00	H	36.3	*	2.3	40.0	-28.1	50.5	333.2	5000.0	-23.5
	V	36.2	*	2.3	40.0	-28.1	50.4	332.1	5000.0	-23.6
31440.00	H	44.9	*	1.9	43.9	-35.9	54.8	547.4	5000.0	-19.2
	V	44.8	*	1.9	43.9	-35.9	54.6	538.7	5000.0	-19.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5240MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15720.00	H	32.2	*	7.5	43.2	-37.2	0.0	45.7	191.7	500.0	-8.3
	V	33.0	*	7.5	43.2	-37.2	0.0	46.5	211.7	500.0	-7.5
20960.00	H	20.8	*	2.3	40.0	-28.1	0.0	35.0	56.5	500.0	-18.9
	V	20.7	*	2.3	40.0	-28.1	0.0	34.9	55.7	500.0	-19.1
31440.00	H	33.5	*	1.9	43.9	-35.9	0.0	43.3	146.7	500.0	-10.7
	V	33.7	*	1.9	43.9	-35.9	0.0	43.6	150.9	500.0	-10.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5240MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10480.00	H	49.9	*	6.6	40.1	-38.7	57.9	-37.3	-27.0	-10.3
	V	48.8	*	6.6	40.1	-38.7	56.9	-38.3	-27.0	-11.3
26200.00	H	25.9	*	2.3	40.7	-29.4	39.5	-55.7	-27.0	-28.7
	V	25.8	*	2.3	40.7	-29.4	39.4	-55.8	-27.0	-28.8
36680.00	H	45.3	*	2.1	44.1	-34.6	56.9	-38.3	-27.0	-11.3
	V	45.5	*	2.1	44.1	-34.6	57.1	-38.1	-27.0	-11.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5260MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15780.00	H	47.1	*	7.4	43.3	-37.2	60.8	1091.3	5000.0	-13.2
	V	47.6	*	7.4	43.3	-37.2	61.2	1149.3	5000.0	-12.8
21040.00	H	36.4	*	2.3	40.0	-28.1	50.6	338.5	5000.0	-23.4
	V	36.2	*	2.3	40.0	-28.1	50.5	334.2	5000.0	-23.5
31560.00	H	44.9	*	1.9	43.9	-35.9	54.8	549.9	5000.0	-19.2
	V	45.1	*	1.9	43.9	-35.9	55.0	565.3	5000.0	-18.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5260MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15780.00	H	32.86	*	7.4	43.3	-37.2	0.0	46.5	210.8	500.0	-7.5
	V	32.88	*	7.4	43.3	-37.2	0.0	46.5	211.3	500.0	-7.5
21040.00	H	20.86	*	2.3	40.0	-28.1	0.0	35.1	56.9	500.0	-18.9
	V	20.58	*	2.3	40.0	-28.1	0.0	34.8	55.1	500.0	-19.2
31560.00	H	31.00	*	1.9	43.9	-35.9	0.0	40.9	111.1	500.0	-13.1
	V	32.03	*	1.9	43.9	-35.9	0.0	41.9	125.1	500.0	-12.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5260MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10520.00	H	49.07	*	6.6	40.2	-38.7	57.2	-38.0	-27.0	-11.0
	V	48.83	*	6.6	40.2	-38.7	56.9	-38.3	-27.0	-11.3
26300.00	H	25.17	*	2.3	40.7	-29.4	38.7	-56.5	-27.0	-29.5
	V	24.25	*	2.3	40.7	-29.4	37.8	-57.4	-27.0	-30.4
36820.00	H	45.27	*	2.1	44.1	-34.3	57.2	-38.0	-27.0	-11.0
	V	45.16	*	2.1	44.1	-34.3	57.1	-38.1	-27.0	-11.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5300MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
10600.00	H	48.7	*	6.7	40.2	-38.7	56.9	698.6	5000.0	-17.1
	V	49.0	*	6.7	40.2	-38.7	57.1	719.9	5000.0	-16.8
15900.00	H	47.9	*	7.6	43.5	-37.1	61.9	1244.7	5000.0	-12.1
	V	47.3	*	7.6	43.5	-37.1	61.3	1157.6	5000.0	-12.7
21200.00	H	36.3	*	2.3	40.2	-28.1	50.7	343.4	5000.0	-23.3
	V	36.3	*	2.3	40.2	-28.1	50.7	342.6	5000.0	-23.3
31800.00	H	45.2	*	1.9	43.9	-35.9	55.2	576.5	5000.0	-18.8
	V	45.4	*	1.9	43.9	-35.9	55.4	590.6	5000.0	-18.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5300MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
10600.00	H	32.0	*	6.7	40.2	-38.7	0.0	40.2	102.3	500.0	-13.8
	V	33.2	*	6.7	40.2	-38.7	0.0	41.4	116.9	500.0	-12.6
15900.00	H	33.1	*	7.6	43.5	-37.1	0.0	47.1	226.8	500.0	-6.9
	V	32.1	*	7.6	43.5	-37.1	0.0	46.1	202.6	500.0	-7.8
21200.00	H	21.0	*	2.3	40.2	-28.1	0.0	35.4	58.8	500.0	-18.6
	V	21.2	*	2.3	40.2	-28.1	0.0	35.6	60.0	500.0	-18.4
31800.00	H	32.5	*	1.9	43.9	-35.9	0.0	42.4	132.4	500.0	-11.5
	V	32.2	*	1.9	43.9	-35.9	0.0	42.1	128.0	500.0	-11.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5300MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
26500.00	H	25.4	*	1.7	43.7	-35.2	35.6	-59.6	-27.0	-32.6
	V	25.7	*	1.7	43.7	-35.2	36.0	-59.2	-27.0	-32.2
37100.00	H	45.2	*	2.1	44.1	-33.7	57.8	-37.4	-27.0	-10.4
	V	45.4	*	2.1	44.1	-33.7	58.0	-37.2	-27.0	-10.2

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5320MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
10640.00	H	48.9	*	6.7	40.2	-38.7	57.1	712.6	5000.0	-16.9
	V	48.7	*	6.7	40.2	-38.7	56.9	699.6	5000.0	-17.1
15960.00	H	47.6	*	8.9	43.5	-37.0	62.9	1400.5	5000.0	-11.1
	V	47.4	*	8.9	43.5	-37.0	62.8	1379.7	5000.0	-11.2
21280.00	H	36.9	*	2.3	40.3	-28.1	51.4	369.9	5000.0	-22.6
	V	36.6	*	2.3	40.3	-28.1	51.1	358.6	5000.0	-22.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5320MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
10640.00	H	33.4	*	6.7	40.2	-38.7	0.0	41.6	120.3	500.0	-12.4
	V	32.5	*	6.7	40.2	-38.7	0.0	40.7	107.9	500.0	-13.3
15960.00	H	33.3	*	8.9	43.5	-37.0	0.0	48.7	271.8	500.0	-5.3
	V	33.1	*	8.9	43.5	-37.0	0.0	48.5	265.9	500.0	-5.5
21280.00	H	21.6	*	2.3	40.3	-28.1	0.0	36.1	63.7	500.0	-17.9
	V	21.2	*	2.3	40.3	-28.1	0.0	35.7	61.0	500.0	-18.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5320MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
26600.00	H	26.4	*	1.7	43.7	-36.0	35.8	-59.4	-27.0	-32.4
	V	25.6	*	1.7	43.7	-36.0	35.0	-60.2	-27.0	-33.2
31920.00	H	45.8	*	1.9	43.9	-35.8	55.8	-39.4	-27.0	-12.4
	V	45.4	*	1.9	43.9	-35.8	55.5	-39.7	-27.0	-12.7
37240.00	H	44.4	*	2.1	44.2	-33.5	57.2	-38.0	-27.0	-11.0
	V	45.0	*	2.1	44.2	-33.5	57.8	-37.4	-27.0	-10.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5500MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11000.00	H	48.5	*	6.6	40.6	-38.7	57.0	711.6	5000.0	-16.9
	V	48.7	*	6.6	40.6	-38.7	57.2	726.5	5000.0	-16.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5500MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11000.00	H	34.03	*	6.6	40.6	-38.7	0.0	42.5	133.9	500.0	-11.4
	V	33.58	*	6.6	40.6	-38.7	0.0	42.1	127.1	500.0	-11.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5500MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
16500.00	H	47.01	*	7.7	44.1	-37.2	61.6	-33.6	-27.0	-6.6
	V	47.29	*	7.7	44.1	-37.2	61.9	-33.3	-27.0	-6.3
22000.00	H	25.79	*	2.2	40.6	-28.8	39.7	-55.5	-27.0	-28.5
	V	24.91	*	2.2	40.6	-28.8	38.8	-56.4	-27.0	-29.4
27500.00	H	41.31	*	1.7	43.7	-35.1	51.7	-43.5	-27.0	-16.5
	V	42.58	*	1.7	43.7	-35.1	53.0	-42.2	-27.0	-15.2
33000.00	H	44.07	*	2.0	44.0	-35.8	54.3	-40.9	-27.0	-13.9
	V	45.34	*	2.0	44.0	-35.8	55.5	-39.7	-27.0	-12.7
38500.00	H	45.64	*	2.1	44.2	-35.6	56.4	-38.8	-27.0	-11.8
	V	45.59	*	2.1	44.2	-35.6	56.4	-38.8	-27.0	-11.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5620MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11240.00	H	49.0	*	6.6	40.5	-38.7	57.5	746.2	5000.0	-16.5
	V	49.2	*	6.6	40.5	-38.7	57.6	758.4	5000.0	-16.4
22480.00	H	25.8	*	2.2	40.6	-28.7	39.9	98.7	5000.0	-34.1
	V	25.5	*	2.2	40.6	-28.7	39.6	95.6	5000.0	-34.4
39340.00	H	45.3	*	2.2	44.2	-33.2	58.6	848.3	5000.0	-15.4
	V	45.0	*	2.2	44.2	-33.2	58.2	815.7	5000.0	-15.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5620MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11240.00	H	0.0	*	6.6	40.5	-38.7	0.0	8.4	2.6	500.0	-45.5
	V	0.0	*	6.6	40.5	-38.7	0.0	8.4	2.6	500.0	-45.5
22480.00	H	0.0	*	2.2	40.6	-28.7	0.0	14.1	5.1	500.0	-39.8
	V	0.0	*	2.2	40.6	-28.7	0.0	14.1	5.1	500.0	-39.8
39340.00	H	0.0	*	2.2	44.2	-33.2	0.0	13.3	4.6	500.0	-40.7
	V	0.0	*	2.2	44.2	-33.2	0.0	13.3	4.6	500.0	-40.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5620MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
16860.00	H	48.1	*	7.7	44.7	-37.3	63.3	-31.9	-27.0	-4.9
	V	48.3	*	7.7	44.7	-37.3	63.5	-31.7	-27.0	-4.7
28100.00	H	25.5	*	1.7	43.8	-35.7	35.3	-59.9	-27.0	-32.9
	V	26.0	*	1.7	43.8	-35.7	35.9	-59.3	-27.0	-32.3
33720.00	H	45.1	*	2.0	44.0	-34.9	56.2	-39.0	-27.0	-12.0
	V	44.5	*	2.0	44.0	-34.9	55.6	-39.6	-27.0	-12.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5720MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11440.00	H	49.1	*	6.8	40.6	-38.6	57.9	785.4	5000.0	-16.1
	V	49.0	*	6.8	40.6	-38.6	57.8	773.7	5000.0	-16.2
22880.00	H	25.6	*	2.3	40.6	-28.7	39.7	96.4	5000.0	-34.3
	V	25.3	*	2.3	40.6	-28.7	39.4	93.4	5000.0	-34.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5720MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11440.00	H	0.0	*	6.8	40.6	-38.6	0.0	8.8	2.8	500.0	-45.2
	V	0.0	*	6.8	40.6	-38.6	0.0	8.8	2.8	500.0	-45.2
22880.00	H	0.0	*	2.3	40.6	-28.7	0.0	14.1	5.1	500.0	-39.8
	V	0.0	*	2.3	40.6	-28.7	0.0	14.1	5.1	500.0	-39.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5720MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17160.00	H	48.2	*	7.6	44.3	-37.4	62.6	-32.6	-27.0	-5.6
	V	48.1	*	7.6	44.3	-37.4	62.5	-32.7	-27.0	-5.7
28600.00	H	27.0	*	1.8	43.8	-34.2	38.4	-56.8	-27.0	-29.8
	V	26.8	*	1.8	43.8	-34.2	38.1	-57.1	-27.0	-30.1
34320.00	H	44.4	*	2.0	44.0	-33.8	56.6	-38.6	-27.0	-11.6
	V	45.0	*	2.0	44.0	-33.8	57.2	-38.0	-27.0	-11.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5745MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11490.00	H	48.2	*	6.8	40.7	-38.6	57.1	716.4	5000.0	-16.9
	V	48.5	*	6.8	40.7	-38.6	57.4	743.3	5000.0	-16.6
22980.00	H	35.5	*	2.3	40.6	-28.9	49.5	298.2	5000.0	-24.5
	V	35.6	*	2.3	40.6	-28.9	49.6	302.3	5000.0	-24.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5745MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11490.00	H	34.04	*	6.8	40.7	-38.6	0.0	43.0	140.5	500.0	-11.0
	V	33.78	*	6.8	40.7	-38.6	0.0	42.7	136.4	500.0	-11.3
22980.00	H	21.40	*	2.3	40.6	-28.9	0.0	35.4	58.7	500.0	-18.6
	V	20.96	*	2.3	40.6	-28.9	0.0	34.9	55.8	500.0	-19.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5745MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17235.00	H	47.83	*	7.5	44.1	-37.4	62.0	-33.2	-27.0	-6.2
	V	48.23	*	7.5	44.1	-37.4	62.4	-32.8	-27.0	-5.8
28725.00	H	33.59	*	1.8	43.8	-34.7	44.4	-50.8	-27.0	-23.8
	V	34.12	*	1.8	43.8	-34.7	44.9	-50.3	-27.0	-23.3
34470.00	H	45.46	*	2.0	44.1	-34.3	57.2	-38.0	-27.0	-11.0
	V	45.19	*	2.0	44.1	-34.3	56.9	-38.3	-27.0	-11.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5785MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11570.00	H	48.3	*	6.9	40.8	-38.6	57.4	744.0	5000.0	-16.5
	V	48.4	*	6.9	40.8	-38.6	57.5	750.9	5000.0	-16.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5785MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11570.00	H	34.2	*	6.9	40.8	-38.6	0.0	43.3	146.4	500.0	-10.7
	V	34.2	*	6.9	40.8	-38.6	0.0	43.4	147.8	500.0	-10.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5785MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17355.00	H	48.2	*	7.6	43.9	-37.5	62.2	-33.0	-27.0	-6.0
	V	48.1	*	7.6	43.9	-37.5	62.1	-33.1	-27.0	-6.1
23140.00	H	35.8	*	2.3	40.6	-29.0	49.7	-45.5	-27.0	-18.5
	V	36.3	*	2.3	40.6	-29.0	50.1	-45.1	-27.0	-18.1
28925.00	H	26.1	*	1.8	43.8	-34.9	36.7	-58.5	-27.0	-31.5
	V	27.9	*	1.8	43.8	-34.9	38.5	-56.7	-27.0	-29.7
34710.00	H	44.7	*	2.0	44.1	-33.3	57.4	-37.8	-27.0	-10.8
	V	45.7	*	2.0	44.1	-33.3	58.5	-36.7	-27.0	-9.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5825MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands - Peak Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11650.00	H	48.2	*	6.9	41.0	-38.6	57.5	748.6	5000.0	-16.5
	V	48.4	*	6.9	41.0	-38.6	57.7	767.8	5000.0	-16.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5825MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11650.00	H	34.0	*	6.9	41.0	-38.6	0.0	43.3	146.5	500.0	-10.7
	V	34.0	*	6.9	41.0	-38.6	0.0	43.3	145.6	500.0	-10.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5825MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17475.00	H	48.1	*	7.6	43.6	-37.6	61.7	-33.5	-27.0	-6.5
	V	48.3	*	7.6	43.6	-37.6	61.9	-33.3	-27.0	-6.3
23300.00	H	35.9	*	2.3	40.6	-29.0	49.9	-45.3	-27.0	-18.3
	V	35.2	*	2.3	40.6	-29.0	49.2	-46.0	-27.0	-19.0
29125.00	H	26.4	*	1.8	43.8	-34.6	37.5	-57.7	-27.0	-30.7
	V	26.6	*	1.8	43.8	-34.6	37.6	-57.6	-27.0	-30.6
34950.00	H	45.3	*	2.0	44.1	-33.5	57.9	-37.3	-27.0	-10.3
	V	45.2	*	2.0	44.1	-33.5	57.8	-37.4	-27.0	-10.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5180MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15540.00	H	48.1	*	7.6	43.1	-37.4	61.4	1171.0	5000.0	-12.6
	V	48.1	*	7.6	43.1	-37.4	61.3	1164.2	5000.0	-12.7
20720.00	H	35.8	*	2.3	40.1	-28.2	50.1	319.7	5000.0	-23.9
	V	36.3	*	2.3	40.1	-28.2	50.6	338.3	5000.0	-23.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5180MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15540.00	H	32.15	*	7.6	43.1	-37.4	0.0	45.4	186.4	500.0	-8.6
	V	32.04	*	7.6	43.1	-37.4	0.0	45.3	184.1	500.0	-8.7
20720.00	H	20.42	*	2.3	40.1	-28.2	0.0	34.7	54.2	500.0	-19.3
	V	20.75	*	2.3	40.1	-28.2	0.0	35.0	56.3	500.0	-19.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5180MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands - EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10360.00	H	48.47	*	6.6	40.0	-38.7	56.4	-38.8	-27.0	-11.8
	V	48.29	*	6.6	40.0	-38.7	56.2	-39.0	-27.0	-12.0
25900.00	H	24.88	*	2.2	40.7	-29.1	38.7	-56.5	-27.0	-29.5
	V	25.24	*	2.2	40.7	-29.1	39.0	-56.2	-27.0	-29.2
31080.00	H	45.06	*	1.9	43.9	-36.1	54.8	-40.4	-27.0	-13.4
	V	44.43	*	1.9	43.9	-36.1	54.1	-41.1	-27.0	-14.1
36260.00	H	45.61	*	2.1	44.1	-33.9	57.9	-37.3	-27.0	-10.3
	V	45.28	*	2.1	44.1	-33.9	57.5	-37.7	-27.0	-10.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5220MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15660.00	H	48.1	*	7.5	43.2	-37.3	61.5	1191.9	5000.0	-12.5
	V	48.2	*	7.5	43.2	-37.3	61.6	1207.1	5000.0	-12.3
20880.00	H	35.9	*	2.3	40.0	-28.1	50.1	320.7	5000.0	-23.9
	V	35.9	*	2.3	40.0	-28.1	50.1	319.9	5000.0	-23.9
31320.00	H	45.2	*	1.9	43.9	-36.0	55.0	561.5	5000.0	-19.0
	V	45.2	*	1.9	43.9	-36.0	55.0	563.4	5000.0	-19.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5220MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15660.00	H	33.0	*	7.5	43.2	-37.3	0.0	46.4	209.3	500.0	-7.6
	V	33.0	*	7.5	43.2	-37.3	0.0	46.4	208.6	500.0	-7.6
20880.00	H	20.8	*	2.3	40.0	-28.1	0.0	35.1	56.6	500.0	-18.9
	V	20.8	*	2.3	40.0	-28.1	0.0	35.0	56.4	500.0	-18.9
31320.00	H	32.4	*	1.9	43.9	-36.0	0.0	42.2	128.5	500.0	-11.8
	V	33.2	*	1.9	43.9	-36.0	0.0	43.0	141.0	500.0	-11.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5220MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10440.00	H	48.3	*	6.6	40.1	-38.7	56.3	-38.9	-27.0	-11.9
	V	48.7	*	6.6	40.1	-38.7	56.7	-38.5	-27.0	-11.5
26100.00	H	26.1	*	2.2	40.7	-29.4	39.6	-55.6	-27.0	-28.6
	V	25.6	*	2.2	40.7	-29.4	39.1	-56.1	-27.0	-29.1
36540.00	H	44.8	*	2.1	44.1	-34.8	56.2	-39.0	-27.0	-12.0
	V	44.9	*	2.1	44.1	-34.8	56.3	-38.9	-27.0	-11.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5240MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15720.00	H	48.1	*	7.5	43.2	-37.2	61.6	1204.0	5000.0	-12.4
	V	48.7	*	7.5	43.2	-37.2	62.2	1281.3	5000.0	-11.8
20960.00	H	36.0	*	2.3	40.0	-28.1	50.2	322.3	5000.0	-23.8
	V	36.1	*	2.3	40.0	-28.1	50.3	328.3	5000.0	-23.7
31440.00	H	45.2	*	1.9	43.9	-35.9	55.1	566.0	5000.0	-18.9
	V	45.4	*	1.9	43.9	-35.9	55.2	578.5	5000.0	-18.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5240MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15720.00	H	33.2	*	7.5	43.2	-37.2	0.0	46.7	217.1	500.0	-7.2
	V	33.4	*	7.5	43.2	-37.2	0.0	46.9	221.6	500.0	-7.1
20960.00	H	20.6	*	2.3	40.0	-28.1	0.0	34.8	54.9	500.0	-19.2
	V	20.8	*	2.3	40.0	-28.1	0.0	35.0	56.1	500.0	-19.0
31440.00	H	33.4	*	1.9	43.9	-35.9	0.0	43.3	146.0	500.0	-10.7
	V	33.9	*	1.9	43.9	-35.9	0.0	43.7	153.9	500.0	-10.2

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5240MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10480.00	H	48.5	*	6.6	40.1	-38.7	56.6	-38.6	-27.0	-11.6
	V	48.5	*	6.6	40.1	-38.7	56.5	-38.7	-27.0	-11.7
26200.00	H	24.6	*	2.3	40.7	-29.4	38.1	-57.1	-27.0	-30.1
	V	25.3	*	2.3	40.7	-29.4	38.8	-56.4	-27.0	-29.4
36680.00	H	45.7	*	2.1	44.1	-34.6	57.3	-37.9	-27.0	-10.9
	V	45.1	*	2.1	44.1	-34.6	56.7	-38.5	-27.0	-11.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5260MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15780.00	H	48.0	*	7.4	43.3	-37.2	61.6	1198.0	5000.0	-12.4
	V	47.5	*	7.4	43.3	-37.2	61.1	1132.3	5000.0	-12.9
21040.00	H	36.1	*	2.3	40.0	-28.1	50.4	329.2	5000.0	-23.6
	V	35.6	*	2.3	40.0	-28.1	49.9	310.8	5000.0	-24.1
31560.00	H	45.1	*	1.9	43.9	-35.9	55.0	564.6	5000.0	-18.9
	V	45.5	*	1.9	43.9	-35.9	55.4	591.3	5000.0	-18.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5260MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15780.00	H	32.82	*	7.4	43.3	-37.2	0.0	46.4	209.9	500.0	-7.5
	V	32.87	*	7.4	43.3	-37.2	0.0	46.5	211.1	500.0	-7.5
21040.00	H	20.62	*	2.3	40.0	-28.1	0.0	34.9	55.3	500.0	-19.1
	V	20.54	*	2.3	40.0	-28.1	0.0	34.8	54.8	500.0	-19.2
31560.00	H	33.41	*	1.9	43.9	-35.9	0.0	43.3	146.6	500.0	-10.7
	V	32.46	*	1.9	43.9	-35.9	0.0	42.4	131.5	500.0	-11.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5260MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10520.00	H	48.87	*	6.6	40.2	-38.7	57.0	-38.2	-27.0	-11.2
	V	48.91	*	6.6	40.2	-38.7	57.0	-38.2	-27.0	-11.2
26300.00	H	25.02	*	2.3	40.7	-29.4	38.5	-56.7	-27.0	-29.7
	V	24.70	*	2.3	40.7	-29.4	38.2	-57.0	-27.0	-30.0
36820.00	H	45.26	*	2.1	44.1	-34.3	57.2	-38.0	-27.0	-11.0
	V	44.48	*	2.1	44.1	-34.3	56.4	-38.8	-27.0	-11.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5300MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
10600.00	H	48.9	*	6.7	40.2	-38.7	57.1	714.9	5000.0	-16.9
	V	43.0	*	6.7	40.2	-38.7	51.2	362.0	5000.0	-22.8
15900.00	H	48.2	*	7.6	43.5	-37.1	62.2	1292.9	5000.0	-11.7
	V	47.5	*	7.6	43.5	-37.1	61.6	1195.6	5000.0	-12.4
21200.00	H	35.9	*	2.3	40.2	-28.1	50.3	327.2	5000.0	-23.7
	V	35.9	*	2.3	40.2	-28.1	50.3	326.0	5000.0	-23.7
31800.00	H	44.4	*	1.9	43.9	-35.9	54.4	522.7	5000.0	-19.6
	V	45.0	*	1.9	43.9	-35.9	55.0	559.5	5000.0	-19.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5300MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
10600.00	H	32.5	*	6.7	40.2	-38.7	0.0	40.6	107.6	500.0	-13.3
	V	32.3	*	6.7	40.2	-38.7	0.0	40.4	105.3	500.0	-13.5
15900.00	H	33.3	*	7.6	43.5	-37.1	0.0	47.3	231.5	500.0	-6.7
	V	34.0	*	7.6	43.5	-37.1	0.0	48.0	252.1	500.0	-5.9
21200.00	H	21.1	*	2.3	40.2	-28.1	0.0	35.5	59.4	500.0	-18.5
	V	20.9	*	2.3	40.2	-28.1	0.0	35.3	58.1	500.0	-18.7
31800.00	H	32.1	*	1.9	43.9	-35.9	0.0	42.1	126.7	500.0	-11.9
	V	31.8	*	1.9	43.9	-35.9	0.0	41.8	122.4	500.0	-12.2

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5300MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
26500.00	H	25.3	*	1.7	43.7	-35.2	35.6	-59.6	-27.0	-32.6
	V	24.9	*	1.7	43.7	-35.2	35.1	-60.1	-27.0	-33.1
37100.00	H	45.6	*	2.1	44.1	-33.7	58.2	-37.0	-27.0	-10.0
	V	45.2	*	2.1	44.1	-33.7	57.8	-37.4	-27.0	-10.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5320MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
10640.00	H	48.5	*	6.7	40.2	-38.7	56.7	680.5	5000.0	-17.3
	V	49.7	*	6.7	40.2	-38.7	57.8	778.7	5000.0	-16.2
15960.00	H	47.9	*	8.9	43.5	-37.0	63.3	1456.4	5000.0	-10.7
	V	48.0	*	8.9	43.5	-37.0	63.3	1469.9	5000.0	-10.6
21280.00	H	36.4	*	2.3	40.3	-28.1	50.9	348.8	5000.0	-23.1
	V	36.5	*	2.3	40.3	-28.1	51.0	354.5	5000.0	-23.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5320MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
10640.00	H	32.9	*	6.7	40.2	-38.7	0.0	41.1	113.1	500.0	-12.9
	V	32.2	*	6.7	40.2	-38.7	0.0	40.4	104.8	500.0	-13.6
15960.00	H	33.2	*	8.9	43.5	-37.0	0.0	48.5	267.5	500.0	-5.4
	V	33.5	*	8.9	43.5	-37.0	0.0	48.8	276.6	500.0	-5.1
21280.00	H	21.3	*	2.3	40.3	-28.1	0.0	35.7	61.2	500.0	-18.2
	V	21.3	*	2.3	40.3	-28.1	0.0	35.8	61.5	500.0	-18.2

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5320MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
26600.00	H	26.3	*	1.7	43.7	-36.0	35.7	-59.5	-27.0	-32.5
	V	25.7	*	1.7	43.7	-36.0	35.1	-60.1	-27.0	-33.1
31920.00	H	44.4	*	1.9	43.9	-35.8	54.5	-40.7	-27.0	-13.7
	V	45.1	*	1.9	43.9	-35.8	55.1	-40.1	-27.0	-13.1
37240.00	H	45.4	*	2.1	44.2	-33.5	58.2	-37.0	-27.0	-10.0
	V	45.3	*	2.1	44.2	-33.5	58.1	-37.1	-27.0	-10.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5500MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11000.00	H	48.3	*	6.6	40.6	-38.7	56.8	695.4	5000.0	-17.1
	V	48.7	*	6.6	40.6	-38.7	57.2	723.9	5000.0	-16.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5500MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11000.00	H	33.45	*	6.6	40.6	-38.7	0.0	42.0	125.2	500.0	-12.0
	V	33.14	*	6.6	40.6	-38.7	0.0	41.6	120.8	500.0	-12.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5500MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
16500.00	H	47.81	*	7.7	44.1	-37.2	62.4	-32.8	-27.0	-5.8
	V	47.92	*	7.7	44.1	-37.2	62.5	-32.7	-27.0	-5.7
22000.00	H	24.98	*	2.2	40.6	-28.8	38.9	-56.3	-27.0	-29.3
	V	24.86	*	2.2	40.6	-28.8	38.8	-56.4	-27.0	-29.4
27500.00	H	26.45	*	1.7	43.7	-35.1	36.8	-58.4	-27.0	-31.4
	V	25.61	*	1.7	43.7	-35.1	36.0	-59.2	-27.0	-32.2
33000.00	H	45.01	*	2.0	44.0	-35.8	55.2	-40.0	-27.0	-13.0
	V	44.87	*	2.0	44.0	-35.8	55.1	-40.1	-27.0	-13.1
38500.00	H	45.64	*	2.1	44.2	-35.6	56.4	-38.8	-27.0	-11.8
	V	45.91	*	2.1	44.2	-35.6	56.7	-38.5	-27.0	-11.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5620MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11240.00	H	49.3	*	6.6	40.5	-38.7	57.8	772.5	5000.0	-16.2
	V	49.1	*	6.6	40.5	-38.7	57.6	757.5	5000.0	-16.4
22480.00	H	25.5	*	2.2	40.6	-28.7	39.7	96.3	5000.0	-34.3
	V	26.5	*	2.2	40.6	-28.7	40.6	107.6	5000.0	-33.3
39340.00	H	45.0	*	2.2	44.2	-33.2	58.3	820.5	5000.0	-15.7
	V	44.9	*	2.2	44.2	-33.2	58.1	807.3	5000.0	-15.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5620MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11240.00	H	34.9	*	6.6	40.5	-38.7	0.0	43.4	147.2	500.0	-10.6
	V	34.8	*	6.6	40.5	-38.7	0.0	43.3	146.0	500.0	-10.7
22480.00	H	22.4	*	2.2	40.6	-28.7	0.0	36.5	66.8	500.0	-17.5
	V	23.6	*	2.2	40.6	-28.7	0.0	37.8	77.4	500.0	-16.2
39340.00	H	32.0	*	2.2	44.2	-33.2	0.0	45.3	183.3	500.0	-8.7
	V	31.5	*	2.2	44.2	-33.2	0.0	44.7	172.4	500.0	-9.2

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5620MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
16860.00	H	47.9	*	7.7	44.7	-37.3	63.1	-32.1	-27.0	-5.1
	V	48.6	*	7.7	44.7	-37.3	63.8	-31.4	-27.0	-4.4
28100.00	H	25.6	*	1.7	43.8	-35.7	35.5	-59.7	-27.0	-32.7
	V	25.2	*	1.7	43.8	-35.7	35.0	-60.2	-27.0	-33.2
33720.00	H	45.6	*	2.0	44.0	-34.9	56.7	-38.5	-27.0	-11.5
	V	45.4	*	2.0	44.0	-34.9	56.5	-38.7	-27.0	-11.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5720MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11440.00	H	49.1	*	6.8	40.6	-38.6	57.9	786.3	5000.0	-16.1
	V	49.0	*	6.8	40.6	-38.6	57.8	772.8	5000.0	-16.2
22880.00	H	26.0	*	2.3	40.6	-28.7	40.2	102.0	5000.0	-33.8
	V	26.1	*	2.3	40.6	-28.7	40.2	102.7	5000.0	-33.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5720MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11440.00	H	33.0	*	6.8	40.6	-38.6	0.0	41.8	123.1	500.0	-12.2
	V	32.5	*	6.8	40.6	-38.6	0.0	41.3	116.6	500.0	-12.6
22880.00	H	22.6	*	2.3	40.6	-28.7	0.0	36.7	68.4	500.0	-17.3
	V	24.0	*	2.3	40.6	-28.7	0.0	38.1	80.5	500.0	-15.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5720MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17160.00	H	48.0	*	7.6	44.3	-37.4	62.4	-32.8	-27.0	-5.8
	V	48.5	*	7.6	44.3	-37.4	63.0	-32.2	-27.0	-5.2
28600.00	H	25.4	*	1.8	43.8	-34.2	36.7	-58.5	-27.0	-31.5
	V	25.1	*	1.8	43.8	-34.2	36.5	-58.7	-27.0	-31.7
34320.00	H	45.1	*	2.0	44.0	-33.8	57.3	-37.9	-27.0	-10.9
	V	45.2	*	2.0	44.0	-33.8	57.4	-37.8	-27.0	-10.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5745MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11490.00	H	48.1	*	6.8	40.7	-38.6	57.0	707.4	5000.0	-17.0
	V	48.3	*	6.8	40.7	-38.6	57.3	728.9	5000.0	-16.7
22980.00	H	36.3	*	2.3	40.6	-28.9	50.2	325.5	5000.0	-23.7
	V	36.7	*	2.3	40.6	-28.9	50.7	342.8	5000.0	-23.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5745MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11490.00	H	34.11	*	6.8	40.7	-38.6	0.0	43.0	141.6	500.0	-11.0
	V	34.08	*	6.8	40.7	-38.6	0.0	43.0	141.1	500.0	-11.0
22980.00	H	21.15	*	2.3	40.6	-28.9	0.0	35.1	57.0	500.0	-18.9
	V	21.33	*	2.3	40.6	-28.9	0.0	35.3	58.2	500.0	-18.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5745MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17235.00	H	47.90	*	7.5	44.1	-37.4	62.1	-33.1	-27.0	-6.1
	V	48.37	*	7.5	44.1	-37.4	62.6	-32.6	-27.0	-5.6
28725.00	H	44.31	*	1.8	43.8	-34.7	55.1	-40.1	-27.0	-13.1
	V	45.49	*	1.8	43.8	-34.7	56.3	-38.9	-27.0	-11.9
34470.00	H	45.25	*	2.0	44.1	-34.3	57.0	-38.2	-27.0	-11.2
	V	45.48	*	2.0	44.1	-34.3	57.2	-38.0	-27.0	-11.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5785MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11570.00	H	49.1	*	6.9	40.8	-38.6	58.2	814.8	5000.0	-15.8
	V	48.8	*	6.9	40.8	-38.6	58.0	794.4	5000.0	-16.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5785MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11570.00	H	32.2	*	6.9	40.8	-38.6	0.0	41.3	116.4	500.0	-12.7
	V	32.1	*	6.9	40.8	-38.6	0.0	41.2	115.0	500.0	-12.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5785MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17355.00	H	48.2	*	7.6	43.9	-37.5	62.2	-33.0	-27.0	-6.0
	V	48.9	*	7.6	43.9	-37.5	62.9	-32.3	-27.0	-5.3
23140.00	H	36.3	*	2.3	40.6	-29.0	50.2	-45.0	-27.0	-18.0
	V	36.0	*	2.3	40.6	-29.0	49.9	-45.3	-27.0	-18.3
28925.00	H	44.6	*	1.8	43.8	-34.9	55.3	-39.9	-27.0	-12.9
	V	45.3	*	1.8	43.8	-34.9	56.0	-39.2	-27.0	-12.2
34710.00	H	45.5	*	2.0	44.1	-33.3	58.2	-37.0	-27.0	-10.0
	V	45.1	*	2.0	44.1	-33.3	57.9	-37.3	-27.0	-10.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5825MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11650.00	H	48.0	*	6.9	41.0	-38.6	57.3	733.2	5000.0	-16.7
	V	48.5	*	6.9	41.0	-38.6	57.8	779.4	5000.0	-16.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5825MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11650.00	H	32.2	*	6.9	41.0	-38.6	0.0	41.4	118.1	500.0	-12.5
	V	33.0	*	6.9	41.0	-38.6	0.0	42.3	130.4	500.0	-11.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5825MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/14/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17475.00	H	48.7	*	7.6	43.6	-37.6	62.2	-33.0	-27.0	-6.0
	V	47.6	*	7.6	43.6	-37.6	61.2	-34.0	-27.0	-7.0
23300.00	H	35.5	*	2.3	40.6	-29.0	49.5	-45.7	-27.0	-18.7
	V	36.0	*	2.3	40.6	-29.0	49.9	-45.3	-27.0	-18.3
29125.00	H	44.2	*	1.8	43.8	-34.6	55.2	-40.0	-27.0	-13.0
	V	45.5	*	1.8	43.8	-34.6	56.5	-38.7	-27.0	-11.7
34950.00	H	45.8	*	2.0	44.1	-33.5	58.4	-36.8	-27.0	-9.8
	V	45.0	*	2.0	44.1	-33.5	57.6	-37.6	-27.0	-10.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5190MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15570.00	H	48.2	*	7.5	43.1	-37.3	61.5	1185.6	5000.0	-12.5
	V	48.2	*	7.5	43.1	-37.3	61.5	1182.9	5000.0	-12.5
20760.00	H	36.0	*	2.3	40.1	-28.2	50.3	326.1	5000.0	-23.7
	V	35.9	*	2.3	40.1	-28.2	50.1	320.9	5000.0	-23.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5190MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15570.00	H	33.13	*	7.5	43.1	-37.3	0.0	46.4	209.4	500.0	-7.6
	V	32.96	*	7.5	43.1	-37.3	0.0	46.2	205.3	500.0	-7.7
20760.00	H	21.40	*	2.3	40.1	-28.2	0.0	35.6	60.6	500.0	-18.3
	V	20.59	*	2.3	40.1	-28.2	0.0	34.8	55.2	500.0	-19.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5190MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10380.00	H	48.26	*	6.6	40.0	-38.7	56.2	-39.0	-27.0	-12.0
	V	48.65	*	6.6	40.0	-38.7	56.6	-38.6	-27.0	-11.6
25950.00	H	25.28	*	2.2	40.7	-29.3	38.9	-56.3	-27.0	-29.3
	V	25.01	*	2.2	40.7	-29.3	38.7	-56.5	-27.0	-29.5
31140.00	H	45.13	*	1.9	43.9	-36.0	54.9	-40.3	-27.0	-13.3
	V	45.04	*	1.9	43.9	-36.0	54.8	-40.4	-27.0	-13.4
36330.00	H	44.61	*	2.1	44.1	-34.2	56.6	-38.6	-27.0	-11.6
	V	44.35	*	2.1	44.1	-34.2	56.4	-38.8	-27.0	-11.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5230MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15690.00	H	48.0	*	7.5	43.2	-37.2	61.4	1180.2	5000.0	-12.5
	V	48.4	*	7.5	43.2	-37.2	61.8	1231.6	5000.0	-12.2
20920.00	H	36.1	*	2.3	40.0	-28.1	50.3	328.6	5000.0	-23.6
	V	35.8	*	2.3	40.0	-28.1	50.0	316.0	5000.0	-24.0
31380.00	H	44.4	*	1.9	43.9	-36.0	54.2	514.1	5000.0	-19.8
	V	45.9	*	1.9	43.9	-36.0	55.7	611.1	5000.0	-18.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5230MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15690.00	H	32.4	*	7.5	43.2	-37.2	0.0	45.9	196.3	500.0	-8.1
	V	33.2	*	7.5	43.2	-37.2	0.0	46.6	214.5	500.0	-7.4
20920.00	H	21.4	*	2.3	40.0	-28.1	0.0	35.6	60.4	500.0	-18.4
	V	21.2	*	2.3	40.0	-28.1	0.0	35.4	58.8	500.0	-18.6
31380.00	H	31.6	*	1.9	43.9	-36.0	0.0	41.4	117.6	500.0	-12.6
	V	32.8	*	1.9	43.9	-36.0	0.0	42.6	134.9	500.0	-11.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5230MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10460.00	H	47.7	*	6.6	40.1	-38.7	55.8	-39.4	-27.0	-12.4
	V	48.5	*	6.6	40.1	-38.7	56.6	-38.6	-27.0	-11.6
26150.00	H	25.7	*	2.3	40.7	-29.4	39.2	-56.0	-27.0	-29.0
	V	26.5	*	2.3	40.7	-29.4	40.0	-55.2	-27.0	-28.2
36610.00	H	44.6	*	2.1	44.1	-34.7	56.1	-39.1	-27.0	-12.1
	V	44.3	*	2.1	44.1	-34.7	55.8	-39.4	-27.0	-12.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5270MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15810.00	H	47.7	*	7.4	43.4	-37.2	61.3	1165.8	5000.0	-12.6
	V	48.2	*	7.4	43.4	-37.2	61.9	1242.0	5000.0	-12.1
21080.00	H	36.2	*	2.3	40.1	-28.1	50.4	332.4	5000.0	-23.5
	V	36.6	*	2.3	40.1	-28.1	50.9	350.9	5000.0	-23.1
31620.00	H	44.5	*	1.9	43.9	-35.9	54.4	527.8	5000.0	-19.5
	V	45.2	*	1.9	43.9	-35.9	55.1	569.5	5000.0	-18.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5270MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15810.00	H	33.10	*	7.4	43.4	-37.2	0.0	46.8	218.1	500.0	-7.2
	V	32.46	*	7.4	43.4	-37.2	0.0	46.1	202.6	500.0	-7.8
21080.00	H	21.01	*	2.3	40.1	-28.1	0.0	35.3	58.2	500.0	-18.7
	V	20.74	*	2.3	40.1	-28.1	0.0	35.0	56.4	500.0	-19.0
31620.00	H	32.95	*	1.9	43.9	-35.9	0.0	42.9	139.3	500.0	-11.1
	V	33.08	*	1.9	43.9	-35.9	0.0	43.0	141.4	500.0	-11.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5270MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10540.00	H	48.51	*	6.7	40.2	-38.7	56.6	-38.6	-27.0	-11.6
	V	48.16	*	6.7	40.2	-38.7	56.3	-38.9	-27.0	-11.9
26350.00	H	26.04	*	2.3	40.7	-29.4	39.7	-55.5	-27.0	-28.5
	V	25.18	*	2.3	40.7	-29.4	38.8	-56.4	-27.0	-29.4
36890.00	H	44.17	*	2.1	44.1	-34.1	56.3	-38.9	-27.0	-11.9
	V	44.92	*	2.1	44.1	-34.1	57.0	-38.2	-27.0	-11.2

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5310MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
10620.00	H	48.1	*	6.7	40.2	-38.7	56.3	651.7	5000.0	-17.7
	V	48.7	*	6.7	40.2	-38.7	56.9	700.7	5000.0	-17.1
15930.00	H	48.3	*	7.9	43.5	-37.1	62.7	1359.0	5000.0	-11.3
	V	48.5	*	7.9	43.5	-37.1	62.8	1387.4	5000.0	-11.1
21240.00	H	36.1	*	2.3	40.3	-28.1	50.6	337.2	5000.0	-23.4
	V	35.8	*	2.3	40.3	-28.1	50.2	325.1	5000.0	-23.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5310MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
10620.00	H	33.3	*	6.7	40.2	-38.7	0.0	41.4	117.8	500.0	-12.6
	V	32.4	*	6.7	40.2	-38.7	0.0	40.6	107.2	500.0	-13.4
15930.00	H	33.5	*	7.9	43.5	-37.1	0.0	47.8	245.3	500.0	-6.2
	V	32.1	*	7.9	43.5	-37.1	0.0	46.5	210.5	500.0	-7.5
21240.00	H	22.2	*	2.3	40.3	-28.1	0.0	36.6	67.8	500.0	-17.4
	V	22.6	*	2.3	40.3	-28.1	0.0	37.1	71.4	500.0	-16.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5310MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
26550.00	H	25.5	*	1.7	43.7	-35.6	35.3	-59.9	-27.0	-32.9
	V	25.9	*	1.7	43.7	-35.6	35.8	-59.4	-27.0	-32.4
31860.00	H	45.8	*	1.9	43.9	-35.8	55.8	-39.4	-27.0	-12.4
	V	45.4	*	1.9	43.9	-35.8	55.5	-39.7	-27.0	-12.7
37170.00	H	44.4	*	2.1	44.2	-33.6	57.1	-38.1	-27.0	-11.1
	V	44.2	*	2.1	44.2	-33.6	56.9	-38.3	-27.0	-11.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5510MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11020.00	H	48.5	*	6.6	40.6	-38.7	57.0	708.7	5000.0	-17.0
	V	47.3	*	6.6	40.6	-38.7	55.8	617.3	5000.0	-18.2
22040.00	H	24.8	*	2.2	40.6	-28.8	38.8	86.9	5000.0	-35.2
	V	25.0	*	2.2	40.6	-28.8	38.9	88.4	5000.0	-35.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5510MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11020.00	H	33.63	*	6.6	40.6	-38.7	0.0	42.1	127.6	500.0	-11.9
	V	33.18	*	6.6	40.6	-38.7	0.0	41.7	121.2	500.0	-12.3
22040.00	H	22.80	*	2.2	40.6	-28.8	0.0	36.8	68.9	500.0	-17.2
	V	22.98	*	2.2	40.6	-28.8	0.0	36.9	70.4	500.0	-17.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5510MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
16530.00	H	47.39	*	7.6	44.2	-37.2	62.1	-33.1	-27.0	-6.1
	V	48.16	*	7.6	44.2	-37.2	62.8	-32.4	-27.0	-5.4
27550.00	H	44.19	*	1.7	43.8	-34.9	54.8	-40.4	-27.0	-13.4
	V	44.86	*	1.7	43.8	-34.9	55.5	-39.7	-27.0	-12.7
33060.00	H	45.71	*	2.0	44.0	-35.6	56.0	-39.2	-27.0	-12.2
	V	45.73	*	2.0	44.0	-35.6	56.1	-39.1	-27.0	-12.1
38570.00	H	45.08	*	2.1	44.2	-35.3	56.1	-39.1	-27.0	-12.1
	V	44.32	*	2.1	44.2	-35.3	55.3	-39.9	-27.0	-12.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5630MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11260.00	H	48.7	*	6.6	40.5	-38.6	57.1	720.0	5000.0	-16.8
	V	47.5	*	6.6	40.5	-38.6	55.9	627.1	5000.0	-18.0
22520.00	H	25.4	*	2.2	40.6	-28.6	39.6	95.8	5000.0	-34.4
	V	24.3	*	2.2	40.6	-28.6	38.6	84.9	5000.0	-35.4
39410.00	H	45.7	*	2.2	44.2	-33.5	58.6	852.1	5000.0	-15.4
	V	45.5	*	2.2	44.2	-33.5	58.4	828.0	5000.0	-15.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5630MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11260.00	H	34.0	*	6.6	40.5	-38.6	0.0	42.5	133.0	500.0	-11.5
	V	32.6	*	6.6	40.5	-38.6	0.0	41.1	113.3	500.0	-12.9
22520.00	H	21.1	*	2.2	40.6	-28.6	0.0	35.4	58.7	500.0	-18.6
	V	21.7	*	2.2	40.6	-28.6	0.0	36.0	62.9	500.0	-18.0
39410.00	H	31.2	*	2.2	44.2	-33.5	0.0	44.1	160.1	500.0	-9.9
	V	31.0	*	2.2	44.2	-33.5	0.0	43.9	155.8	500.0	-10.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5630MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
16890.00	H	48.3	*	7.7	44.7	-37.3	63.4	-31.8	-27.0	-4.8
	V	48.1	*	7.7	44.7	-37.3	63.3	-31.9	-27.0	-4.9
28150.00	H	44.1	*	1.7	43.8	-35.7	53.9	-41.3	-27.0	-14.3
	V	44.4	*	1.7	43.8	-35.7	54.3	-40.9	-27.0	-13.9
33780.00	H	44.3	*	2.0	44.0	-34.8	55.4	-39.8	-27.0	-12.8
	V	45.6	*	2.0	44.0	-34.8	56.8	-38.4	-27.0	-11.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5710MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11420.00	H	48.5	*	6.8	40.6	-38.6	57.2	725.5	5000.0	-16.8
	V	48.8	*	6.8	40.6	-38.6	57.6	756.2	5000.0	-16.4
22840.00	H	25.9	*	2.3	40.6	-28.7	40.1	101.7	5000.0	-33.8
	V	25.6	*	2.3	40.6	-28.7	39.8	98.0	5000.0	-34.2
39970.00	H	45.2	*	2.2	44.2	-33.1	58.5	841.9	5000.0	-15.5
	V	45.0	*	2.2	44.2	-33.1	58.3	823.7	5000.0	-15.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5710MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11420.00	H	33.8	*	6.8	40.6	-38.6	0.0	42.5	133.7	500.0	-11.5
	V	33.6	*	6.8	40.6	-38.6	0.0	42.3	130.7	500.0	-11.7
22840.00	H	22.1	*	2.3	40.6	-28.7	0.0	36.3	65.0	500.0	-17.7
	V	21.1	*	2.3	40.6	-28.7	0.0	35.3	58.2	500.0	-18.7
39970.00	H	31.2	*	2.2	44.2	-33.1	0.0	44.6	169.0	500.0	-9.4
	V	30.6	*	2.2	44.2	-33.1	0.0	43.9	156.8	500.0	-10.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5710MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17130.00	H	47.2	*	7.6	44.4	-37.4	61.8	-33.4	-27.0	-6.4
	V	47.9	*	7.6	44.4	-37.4	62.4	-32.8	-27.0	-5.8
28550.00	H	46.0	*	1.8	43.8	-34.0	57.5	-37.7	-27.0	-10.7
	V	45.4	*	1.8	43.8	-34.0	56.9	-38.3	-27.0	-11.3
34260.00	H	44.5	*	2.0	44.0	-33.6	56.9	-38.3	-27.0	-11.3
	V	45.2	*	2.0	44.0	-33.6	57.6	-37.6	-27.0	-10.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5755MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11510.00	H	48.9	*	6.9	40.7	-38.6	57.8	778.0	5000.0	-16.2
	V	47.9	*	6.9	40.7	-38.6	56.8	695.0	5000.0	-17.1
23020.00	H	37.2	*	2.3	40.6	-29.0	51.1	359.4	5000.0	-22.9
	V	36.5	*	2.3	40.6	-29.0	50.4	332.8	5000.0	-23.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5755MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11510.00	H	32.69	*	6.9	40.7	-38.6	0.0	41.7	121.1	500.0	-12.3
	V	32.63	*	6.9	40.7	-38.6	0.0	41.6	120.2	500.0	-12.4
23020.00	H	21.87	*	2.3	40.6	-29.0	0.0	35.8	61.5	500.0	-18.2
	V	22.40	*	2.3	40.6	-29.0	0.0	36.3	65.3	500.0	-17.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5755MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17265.00	H	48.27	*	7.6	44.1	-37.5	62.4	-32.8	-27.0	-5.8
	V	47.60	*	7.6	44.1	-37.5	61.8	-33.4	-27.0	-6.4
28775.00	H	44.84	*	1.8	43.8	-34.9	55.5	-39.7	-27.0	-12.7
	V	44.96	*	1.8	43.8	-34.9	55.7	-39.5	-27.0	-12.5
34530.00	H	45.14	*	2.0	44.1	-34.3	56.9	-38.3	-27.0	-11.3
	V	44.65	*	2.0	44.1	-34.3	56.4	-38.8	-27.0	-11.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5795MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11590.00	H	48.0	*	7.0	40.9	-38.6	57.2	722.3	5000.0	-16.8
	V	47.5	*	7.0	40.9	-38.6	56.7	683.5	5000.0	-17.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5795MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11590.00	H	32.9	*	7.0	40.9	-38.6	0.0	42.1	127.6	500.0	-11.9
	V	33.3	*	7.0	40.9	-38.6	0.0	42.5	133.3	500.0	-11.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5795MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17385.00	H	48.6	*	7.7	43.8	-37.5	62.6	-32.6	-27.0	-5.6
	V	48.0	*	7.7	43.8	-37.5	61.9	-33.3	-27.0	-6.3
23180.00	H	36.5	*	2.3	40.6	-29.0	50.4	-44.8	-27.0	-17.8
	V	36.1	*	2.3	40.6	-29.0	50.0	-45.2	-27.0	-18.2
28975.00	H	45.2	*	1.8	43.8	-35.0	55.9	-39.3	-27.0	-12.3
	V	44.2	*	1.8	43.8	-35.0	54.9	-40.3	-27.0	-13.3
34770.00	H	45.2	*	2.0	44.1	-33.1	58.1	-37.1	-27.0	-10.1
	V	45.2	*	2.0	44.1	-33.1	58.1	-37.1	-27.0	-10.1

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5210MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15630.00	H	48.0	*	7.5	43.1	-37.3	61.3	1165.6	5000.0	-12.6
	V	48.8	*	7.5	43.1	-37.3	62.1	1276.6	5000.0	-11.9
20840.00	H	25.7	*	2.3	40.1	-28.1	39.9	99.2	5000.0	-34.0
	V	24.5	*	2.3	40.1	-28.1	38.7	86.0	5000.0	-35.3
31260.00	H	44.2	*	1.9	43.9	-36.0	54.0	499.0	5000.0	-20.0
	V	44.9	*	1.9	43.9	-36.0	54.7	543.4	5000.0	-19.3
36470.00	H	45.4	*	2.1	44.1	-34.7	56.8	694.9	5000.0	-17.1
	V	46.0	*	2.1	44.1	-34.7	57.4	744.6	5000.0	-16.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5210MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15630.00	H	33.17	*	7.5	43.1	-37.3	0.0	46.5	212.1	500.0	-7.4
	V	33.60	*	7.5	43.1	-37.3	0.0	47.0	222.9	500.0	-7.0
20840.00	H	21.52	*	2.3	40.1	-28.1	0.0	35.7	61.3	500.0	-18.2
	V	22.82	*	2.3	40.1	-28.1	0.0	37.0	71.2	500.0	-16.9
31260.00	H	22.76	*	1.9	43.9	-36.0	0.0	32.6	42.5	500.0	-21.4
	V	22.31	*	1.9	43.9	-36.0	0.0	32.1	40.3	500.0	-21.9
36470.00	H	22.14	*	2.1	44.1	-34.7	0.0	33.6	48.0	500.0	-20.4
	V	22.58	*	2.1	44.1	-34.7	0.0	34.1	50.5	500.0	-19.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5210MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10420.00	H	48.19	*	6.6	40.1	-38.7	56.2	-39.0	-27.0	-12.0
	V	47.25	*	6.6	40.1	-38.7	55.2	-40.0	-27.0	-13.0
26050.00	H	44.43	*	2.2	40.7	-29.3	58.0	-37.2	-27.0	-10.2
	V	45.66	*	2.2	40.7	-29.3	59.2	-36.0	-27.0	-9.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5290MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
15870.00	H	47.4	*	7.5	43.5	-37.1	61.2	1153.1	5000.0	-12.7
	V	47.3	*	7.5	43.5	-37.1	61.2	1146.5	5000.0	-12.8
21160.00	H	24.3	*	2.3	40.2	-28.1	38.6	85.3	5000.0	-35.4
	V	25.7	*	2.3	40.2	-28.1	40.1	101.2	5000.0	-33.9
31740.00	H	45.0	*	1.9	43.9	-35.9	54.9	557.1	5000.0	-19.1
	V	45.0	*	1.9	43.9	-35.9	55.0	562.3	5000.0	-19.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5290MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
15870.00	H	32.89	*	7.5	43.5	-37.1	0.0	46.7	217.2	500.0	-7.2
	V	33.08	*	7.5	43.5	-37.1	0.0	46.9	222.0	500.0	-7.1
21160.00	H	22.62	*	2.3	40.2	-28.1	0.0	37.0	70.7	500.0	-17.0
	V	22.97	*	2.3	40.2	-28.1	0.0	37.3	73.6	500.0	-16.6
31740.00	H	32.14	*	1.9	43.9	-35.9	0.0	42.1	127.3	500.0	-11.9
	V	32.11	*	1.9	43.9	-35.9	0.0	42.1	126.9	500.0	-11.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5290MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
10580.00	H	48.55	*	6.7	40.2	-38.7	56.7	-38.5	-27.0	-11.5
	V	48.44	*	6.7	40.2	-38.7	56.6	-38.6	-27.0	-11.6
26450.00	H	27.45	*	2.3	40.7	-29.2	41.3	-53.9	-27.0	-26.9
	V	26.55	*	2.3	40.7	-29.2	40.4	-54.8	-27.0	-27.8
37030.00	H	44.36	*	2.1	44.1	-33.7	56.9	-38.3	-27.0	-11.3
	V	45.08	*	2.1	44.1	-33.7	57.6	-37.6	-27.0	-10.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5530MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11060.00	H	48.1	*	6.5	40.6	-38.7	56.6	672.3	5000.0	-17.4
	V	48.1	*	6.5	40.6	-38.7	56.6	674.6	5000.0	-17.4
22120.00	H	34.2	*	2.2	40.6	-28.8	48.3	258.6	5000.0	-25.7
	V	34.6	*	2.2	40.6	-28.8	48.6	269.6	5000.0	-25.4
38710.00	H	44.8	*	2.2	44.2	-34.9	56.3	653.4	5000.0	-17.7
	V	44.8	*	2.2	44.2	-34.9	56.3	654.2	5000.0	-17.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5530MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11060.00	H	33.63	*	6.5	40.6	-38.7	0.0	42.1	127.2	500.0	-11.9
	V	33.18	*	6.5	40.6	-38.7	0.0	41.6	120.8	500.0	-12.3
22120.00	H	22.80	*	2.2	40.6	-28.8	0.0	36.8	69.4	500.0	-17.1
	V	22.98	*	2.2	40.6	-28.8	0.0	37.0	70.9	500.0	-17.0
38710.00	H	0.00	*	2.2	44.2	-34.9	0.0	11.5	3.8	500.0	-42.5
	V	0.00	*	2.2	44.2	-34.9	0.0	11.5	3.8	500.0	-42.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5530MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
16590.00	H	48.62	*	7.6	44.4	-37.2	63.4	-31.8	-27.0	-4.8
	V	48.19	*	7.6	44.4	-37.2	63.0	-32.2	-27.0	-5.2
27650.00	H	44.08	*	1.7	43.8	-34.4	55.1	-40.1	-27.0	-13.1
	V	44.34	*	1.7	43.8	-34.4	55.4	-39.8	-27.0	-12.8
33180.00	H	45.16	*	2.0	44.0	-35.3	55.8	-39.4	-27.0	-12.4
	V	45.24	*	2.0	44.0	-35.3	55.9	-39.3	-27.0	-12.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5610MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11220.00	H	48.0	*	6.5	40.5	-38.7	56.4	659.1	5000.0	-17.6
	V	48.8	*	6.5	40.5	-38.7	57.2	721.8	5000.0	-16.8
22440.00	H	24.5	*	2.2	40.6	-28.9	38.5	84.2	5000.0	-35.5
	V	24.3	*	2.2	40.6	-28.9	38.3	81.8	5000.0	-35.7
39270.00	H	45.2	*	2.2	44.2	-32.8	58.8	870.2	5000.0	-15.2
	V	44.7	*	2.2	44.2	-32.8	58.3	821.5	5000.0	-15.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5610MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11220.00	H	32.7	*	6.5	40.5	-38.7	0.0	41.1	113.4	500.0	-12.9
	V	33.7	*	6.5	40.5	-38.7	0.0	42.1	127.9	500.0	-11.8
22440.00	H	22.0	*	2.2	40.6	-28.9	0.0	36.0	62.8	500.0	-18.0
	V	22.4	*	2.2	40.6	-28.9	0.0	36.4	66.0	500.0	-17.6
39270.00	H	33.5	*	2.2	44.2	-32.8	0.0	47.1	227.3	500.0	-6.8
	V	33.7	*	2.2	44.2	-32.8	0.0	47.3	231.3	500.0	-6.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5610MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
16830.00	H	47.3	*	7.7	44.7	-37.3	62.4	-32.8	-27.0	-5.8
	V	47.9	*	7.7	44.7	-37.3	63.1	-32.1	-27.0	-5.1
28050.00	H	44.8	*	1.7	43.8	-35.6	54.7	-40.5	-27.0	-13.5
	V	45.4	*	1.7	43.8	-35.6	55.3	-39.9	-27.0	-12.9
33660.00	H	44.4	*	2.0	44.0	-35.0	55.4	-39.8	-27.0	-12.8
	V	44.9	*	2.0	44.0	-35.0	55.9	-39.3	-27.0	-12.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5690MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11380.00	H	48.5	*	6.7	40.6	-38.6	57.2	722.1	5000.0	-16.8
	V	48.1	*	6.7	40.6	-38.6	56.8	692.0	5000.0	-17.2
22760.00	H	25.6	*	2.3	40.6	-28.6	39.8	98.0	5000.0	-34.2
	V	24.1	*	2.3	40.6	-28.6	38.4	82.8	5000.0	-35.6
39830.00	H	45.5	*	2.2	44.2	-32.4	59.5	949.3	5000.0	-14.4
	V	45.2	*	2.2	44.2	-32.4	59.3	919.2	5000.0	-14.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5690MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11380.00	H	33.8	*	6.7	40.6	-38.6	0.0	42.4	132.5	500.0	-11.5
	V	33.6	*	6.7	40.6	-38.6	0.0	42.2	129.5	500.0	-11.7
22760.00	H	22.1	*	2.3	40.6	-28.6	0.0	36.3	65.6	500.0	-17.6
	V	21.1	*	2.3	40.6	-28.6	0.0	35.4	58.7	500.0	-18.6
39830.00	H	31.2	*	2.2	44.2	-32.4	0.0	45.3	183.2	500.0	-8.7
	V	30.6	*	2.2	44.2	-32.4	0.0	44.6	170.0	500.0	-9.4

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5690MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17070.00	H	47.8	*	7.7	44.5	-37.4	62.6	-32.6	-27.0	-5.6
	V	47.8	*	7.7	44.5	-37.4	62.6	-32.6	-27.0	-5.6
28450.00	H	44.9	*	1.8	43.8	-34.2	56.3	-38.9	-27.0	-11.9
	V	44.0	*	1.8	43.8	-34.2	55.4	-39.8	-27.0	-12.8
34140.00	H	44.2	*	2.0	44.0	-33.9	56.3	-38.9	-27.0	-11.9
	V	45.6	*	2.0	44.0	-33.9	57.7	-37.5	-27.0	-10.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5775MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Peak Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
11550.00	H	47.4	*	6.9	40.8	-38.6	56.5	665.1	5000.0	-17.5
	V	47.1	*	6.9	40.8	-38.6	56.2	648.4	5000.0	-17.7
23100.00	H	33.4	*	2.3	40.6	-29.0	47.3	230.5	5000.0	-26.7
	V	32.5	*	2.3	40.6	-29.0	46.3	206.4	5000.0	-27.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5775MHz
Test	Radiated Spurious Emission – Frequencies in the Restricted Bands – Average Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
11550.00	H	32.81	*	6.9	40.8	-38.6	0.0	41.9	124.6	500.0	-12.1
	V	33.31	*	6.9	40.8	-38.6	0.0	42.4	131.9	500.0	-11.6
23100.00	H	22.23	*	2.3	40.6	-29.0	0.0	36.1	63.6	500.0	-17.9
	V	22.87	*	2.3	40.6	-29.0	0.0	36.7	68.5	500.0	-17.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5775MHz
Test	Radiated Spurious Emission – Frequencies in the Non-Restricted Bands – EIRP Measurement
Test Date	8/26/2023
Notes	MCS11, PWR Setting 18, MIMO

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak EIRP (dBm)	Limit (dBm)	Margin (dBm)
17325.00	H	48.98	*	7.6	44.0	-37.5	63.0	-32.2	-27.0	-5.2
	V	48.52	*	7.6	44.0	-37.5	62.6	-32.6	-27.0	-5.6
28875.00	H	45.31	*	1.8	43.8	-34.9	56.0	-39.2	-27.0	-12.2
	V	45.91	*	1.8	43.8	-34.9	56.6	-38.6	-27.0	-11.6
34650.00	H	44.23	*	2.0	44.1	-33.6	56.6	-38.6	-27.0	-11.6
	V	44.50	*	2.0	44.1	-33.6	56.9	-38.3	-27.0	-11.3

26. Band-Edge Compliance

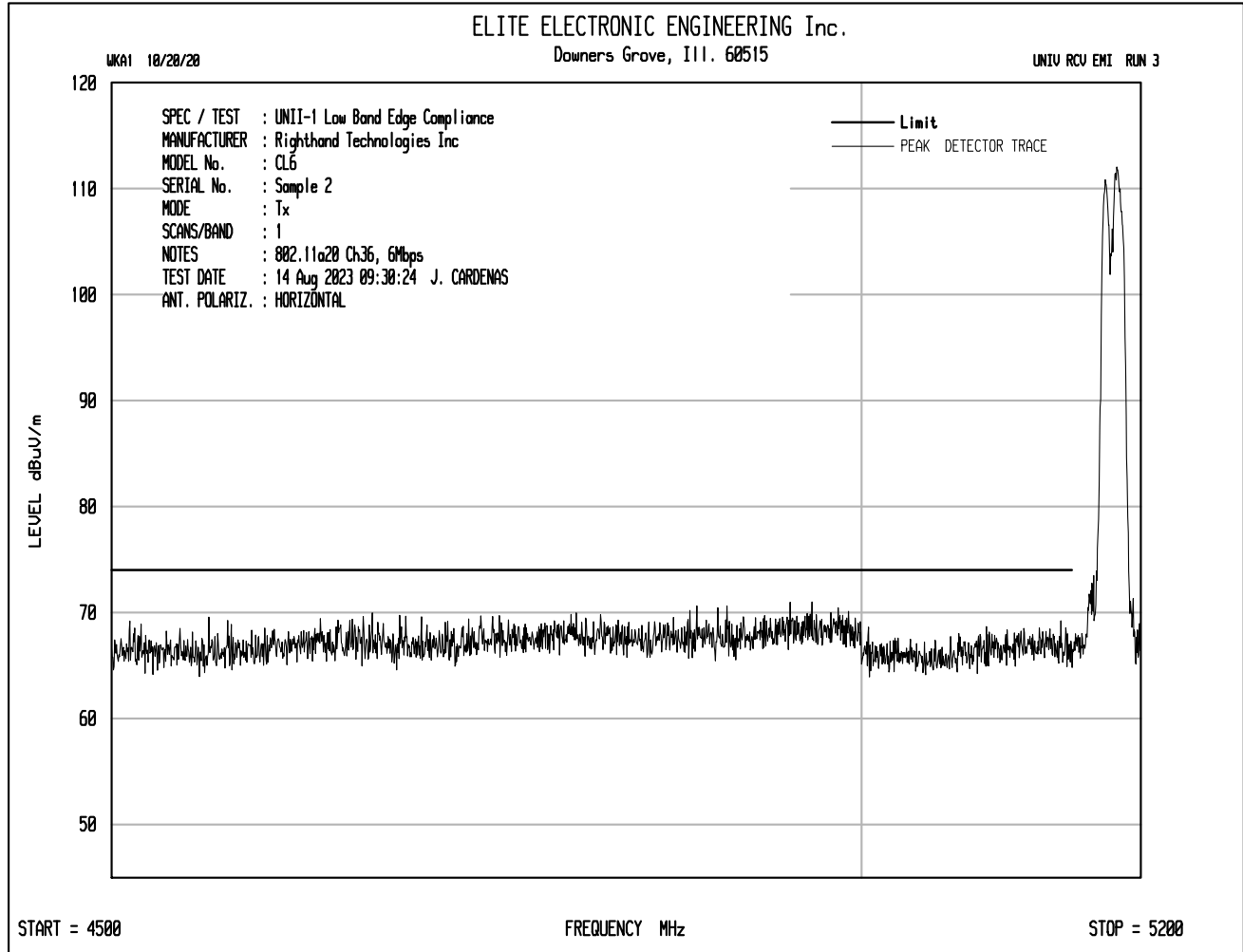
EUT Information	
Manufacturer	Righthand Technologies Inc
Product	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx

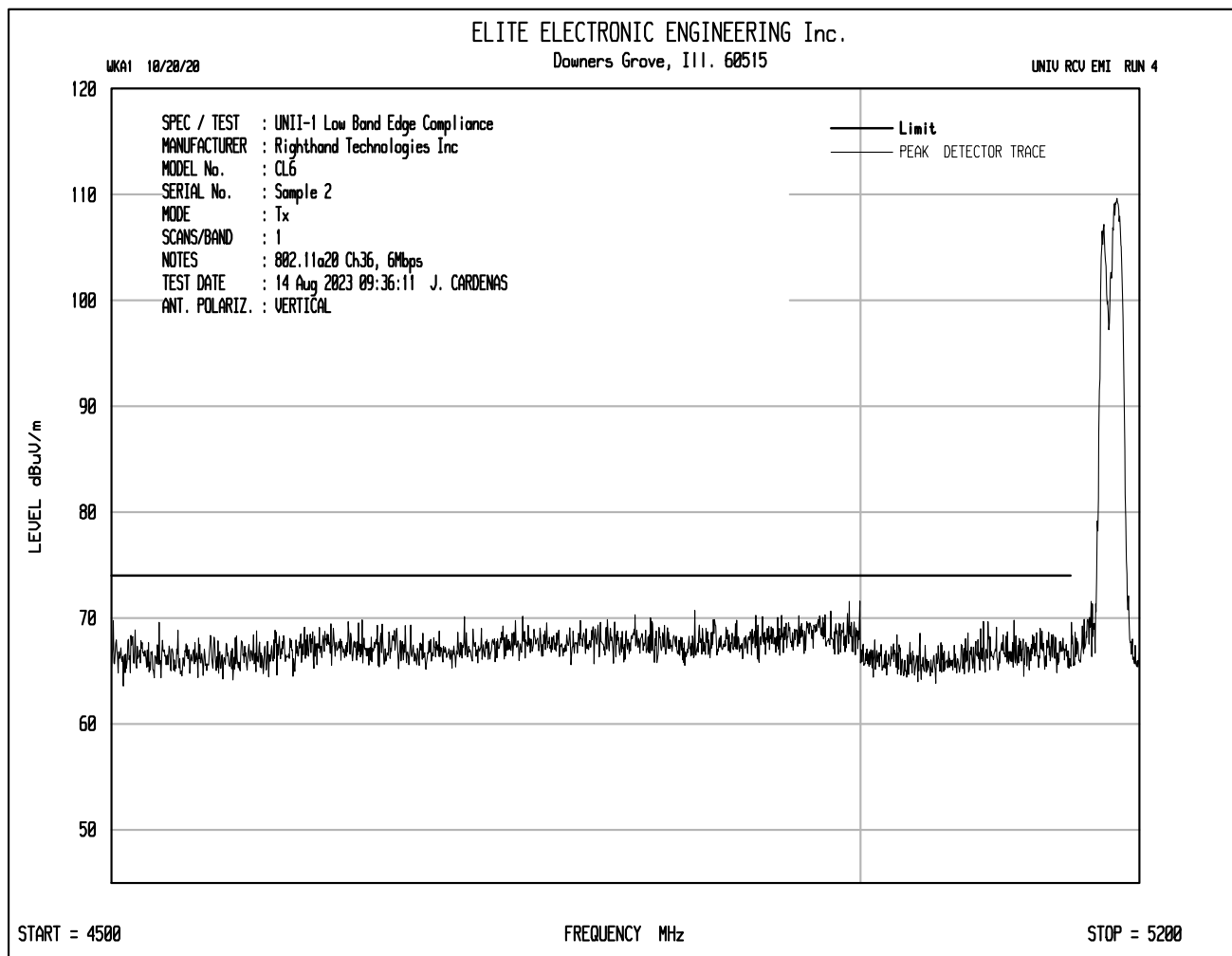
Test Setup Details	
Setup Format	Tabletop
Height of Support	N/A
Measurement Method	Radiated
Type of Test Site	R29F
Type of Antennas Used	Double-Ridged Waveguide (or equivalent)
Notes	None

Measurement Uncertainty	
Measurement Type	Expanded Measurement Uncertainty
Radiated disturbance (electric field strength on an open area test site or alternative test site) (1 GHz – 6 GHz)	3.1

Procedure
1) The EUT was setup inside the test chamber on a non-conductive stand and set to transmit continuously at the channel closest to the high band-edge. 2) A broadband measuring antenna was placed at a test distance of 3 meters from the EUT. The antenna was connected to the input of a spectrum analyzer. 3) The center frequency of the analyzer was set to the band edge. 4) The Resolution Bandwidth was set to 1MHz. 5) The EUT was maximized for worst case emissions at the measuring antenna and the maximum meter reading was recorded. 6) To ensure that the maximum or worst-case emission level was measured, the following steps were taken: a) The EUT was rotated so that all of its sides were exposed to the receiving antenna. b) Since the measuring antenna is linearly polarized, both horizontal and vertical field components were measured. c) The EUT was rotated so that all of its sides were exposed to the receiving antenna. d) The measuring antenna was raised and lowered from 1 to 4 meters for each antenna polarization to maximize the readings. e) The highest measured peak reading and the highest measured average reading were recorded.

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a
Frequency Tested	51500MHz
Test Date	8/14/2023
Notes	6Mbps, PWR Setting 18, MIMO

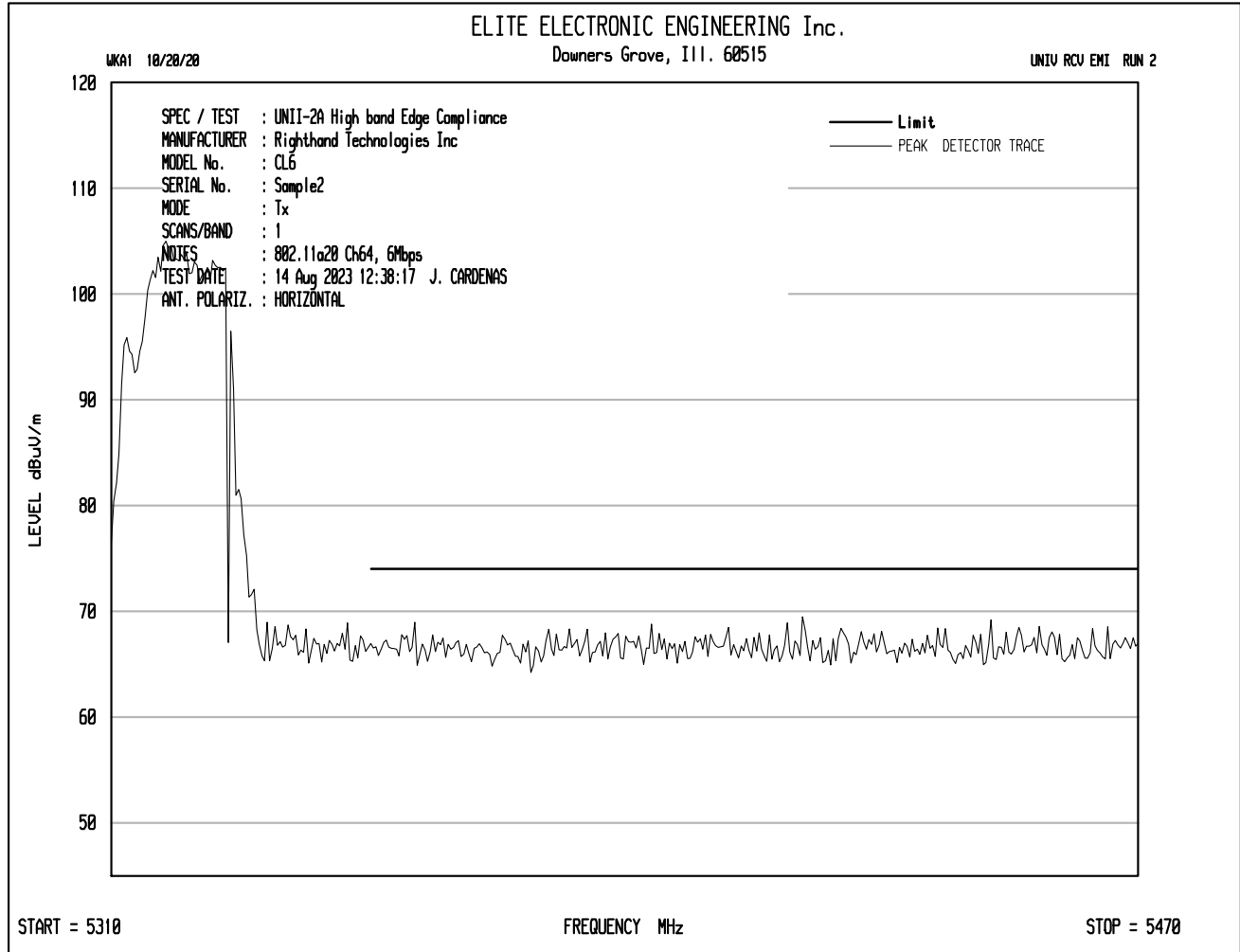


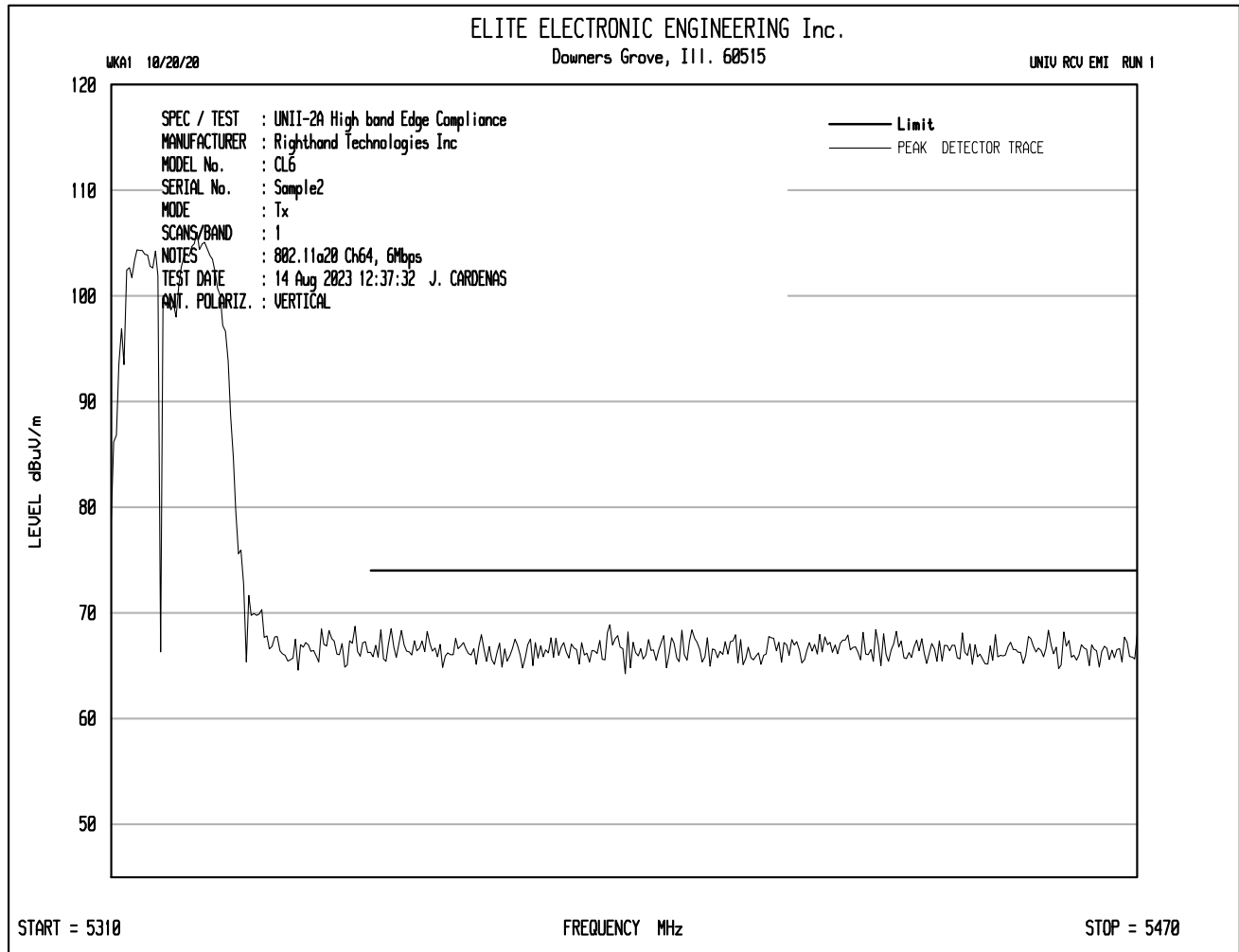


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5150.00	H	27.3	*	5.2	36.9	0.0	69.4	2949.9	5000.0	-4.6
	V	26.5	*	5.2	36.9	0.0	68.7	2715.2	5000.0	-5.3

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5150.00	H	9.02	*	5.2	36.9	0.0	0.0	51.2	361.2	500.0	-2.8
	V	7.87	*	5.2	36.9	0.0	0.0	50.0	316.4	500.0	-4.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a
Frequency Tested	5350MHz
Test Date	8/14/2023
Notes	Band Edge – Peak and Average Measurements

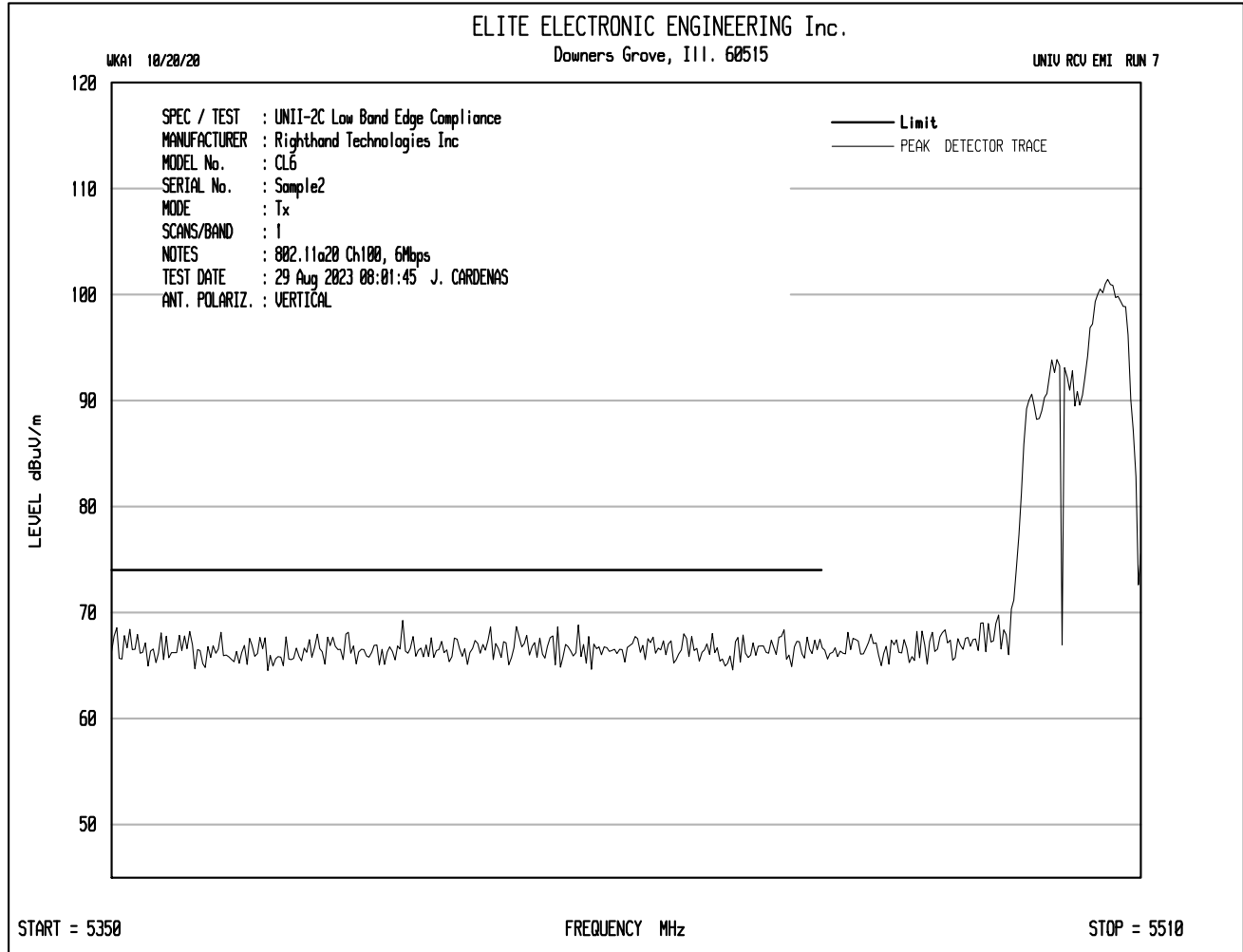


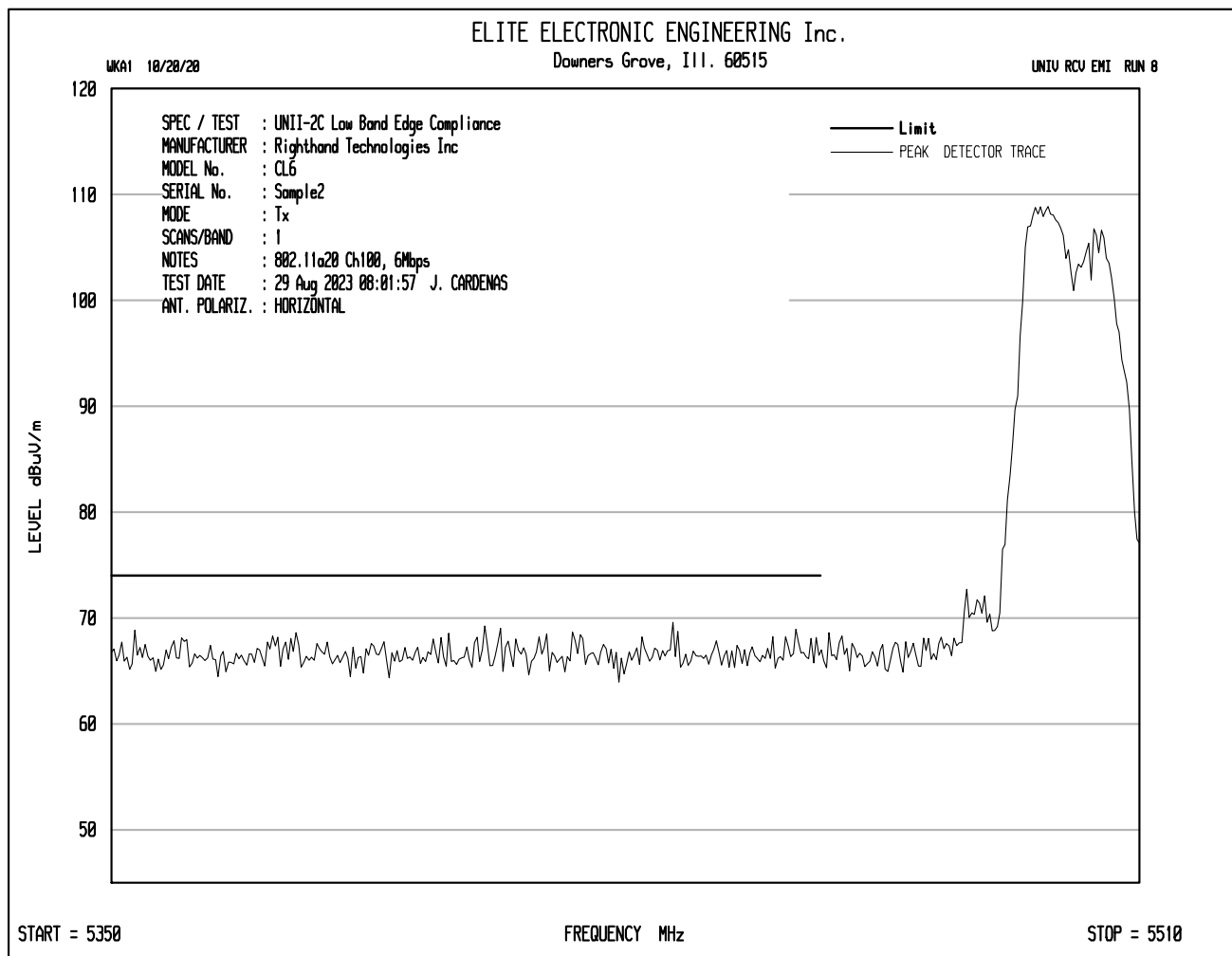


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5350.00	H	26.1	*	5.1	36.4	0.0	67.7	2414.2	5000.0	-6.3
	V	25.7	*	5.1	36.4	0.0	67.2	2287.0	5000.0	-6.8

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5350.00	H	7.9	*	5.1	36.4	0.0	0.0	49.5	297.0	500.0	-4.5
	V	7.8	*	5.1	36.4	0.0	0.0	49.3	292.6	500.0	-4.7

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a
Frequency Tested	5460MHz
Test Date	8/29/2023
Notes	Band Edge – Peak and Average Measurements

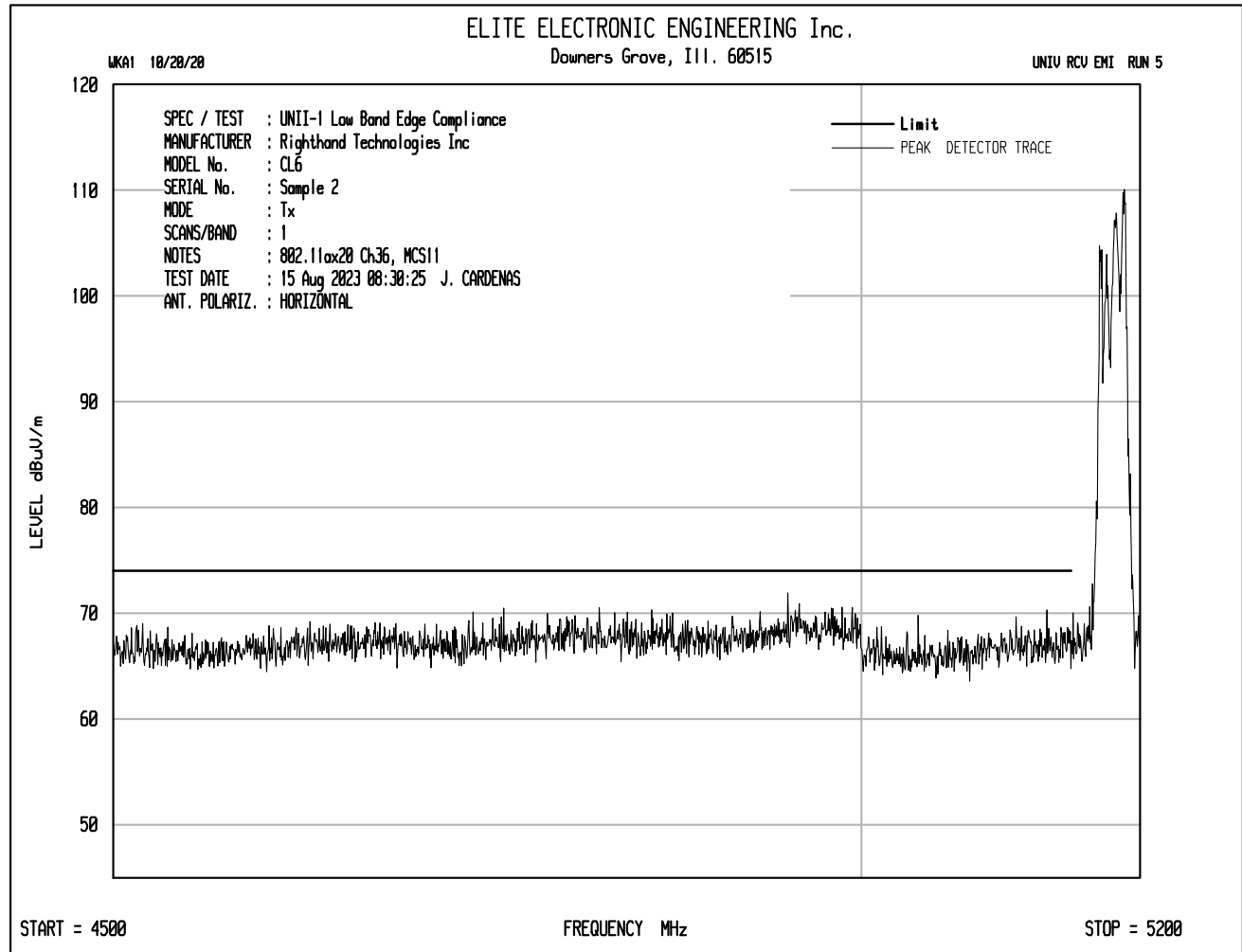


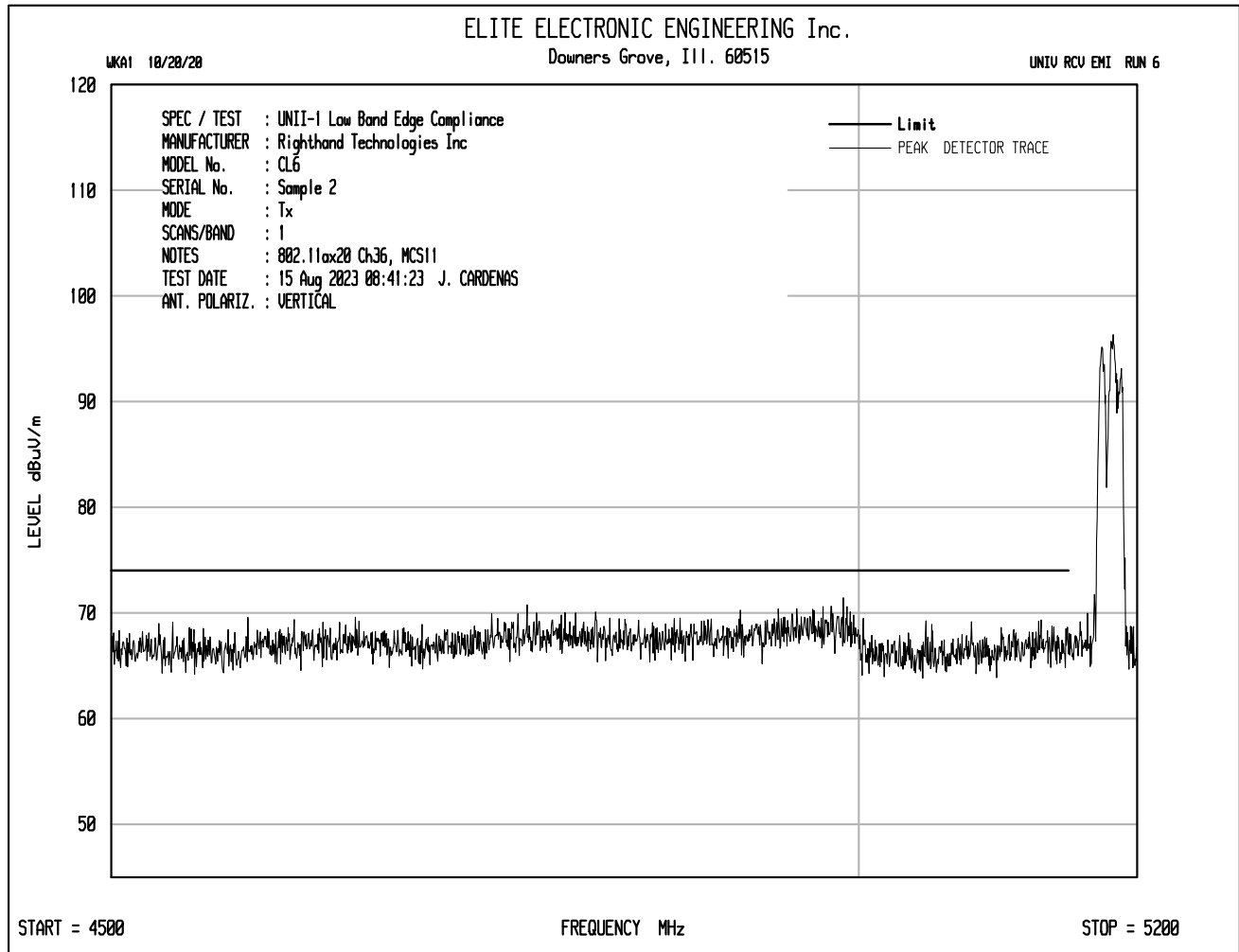


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5460.00	H	26.3	*	5.1	36.7	0.0	68.0	2511.7	5000.0	-6.0
	V	26.2	*	5.1	36.7	0.0	68.0	2503.0	5000.0	-6.0

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5460.00	H	7.88	*	5.1	36.7	0.0	0.0	49.6	302.7	500.0	-4.4
	V	7.95	*	5.1	36.7	0.0	0.0	49.7	305.1	500.0	-4.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20
Frequency Tested	5150MHz
Test Date	8/15/2023
Notes	Band Edge – Peak and Average Measurements

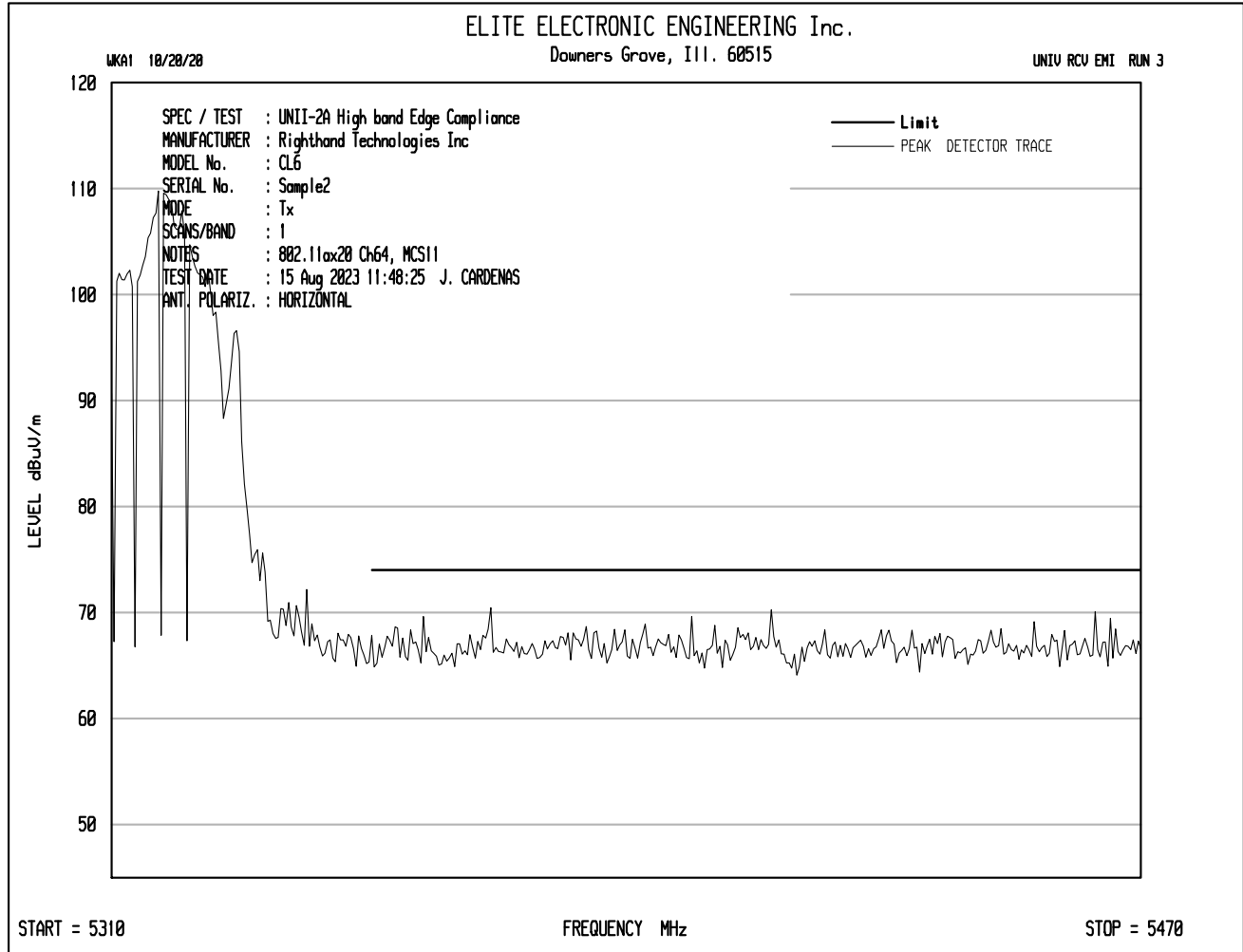


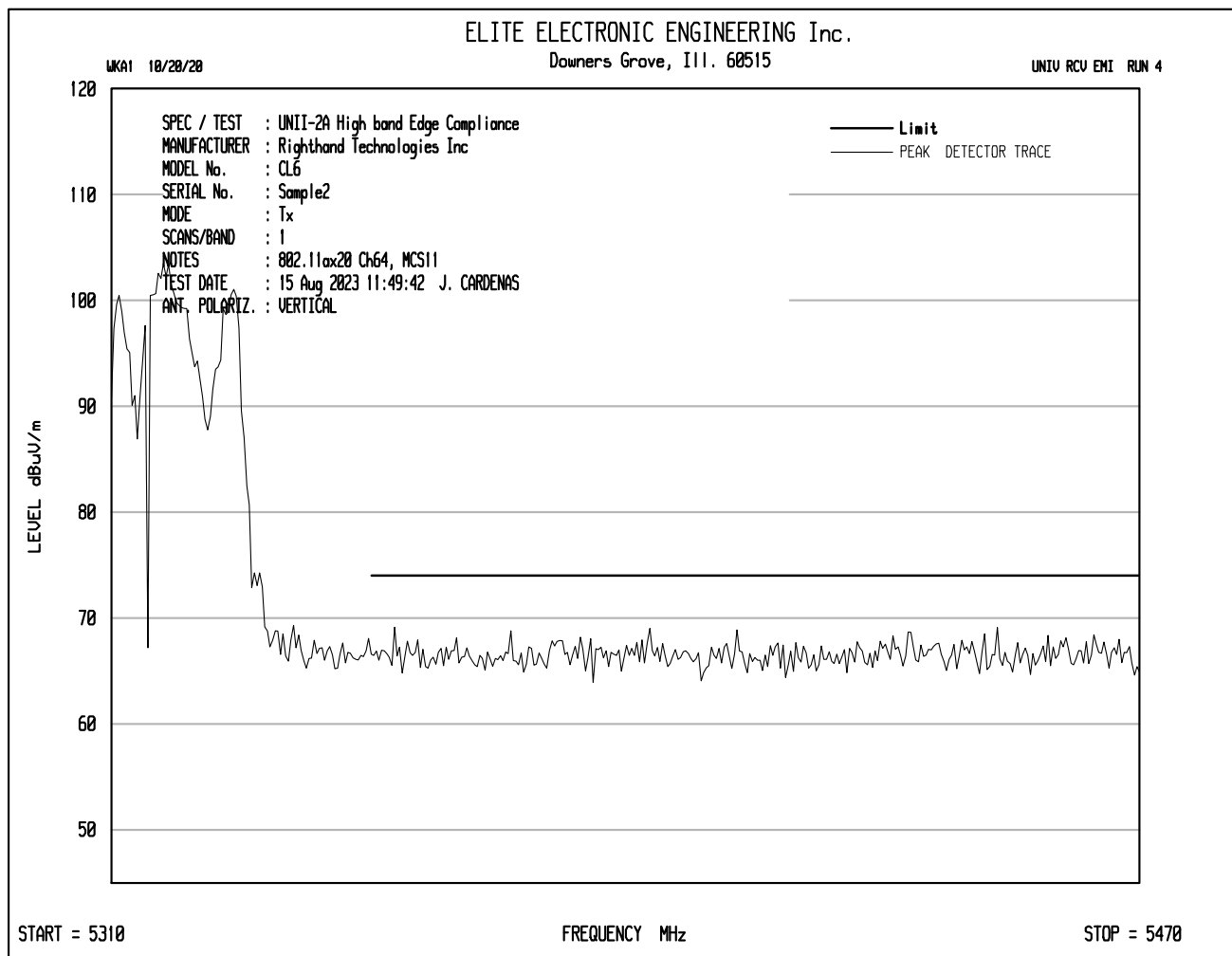


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5150.00	H	26.8	*	5.2	36.9	0.0	69.0	2807.4	5000.0	-5.0
	V	26.4	*	5.2	36.9	0.0	68.6	2678.0	5000.0	-5.4

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5150.00	H	8.63	*	5.2	36.9	0.0	0.0	50.8	345.4	500.0	-3.2
	V	8.01	*	5.2	36.9	0.0	0.0	50.1	321.6	500.0	-3.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20
Frequency Tested	5350MHz
Test Dates	8/15/2023
Notes	Band Edge – Peak and Average Measurements

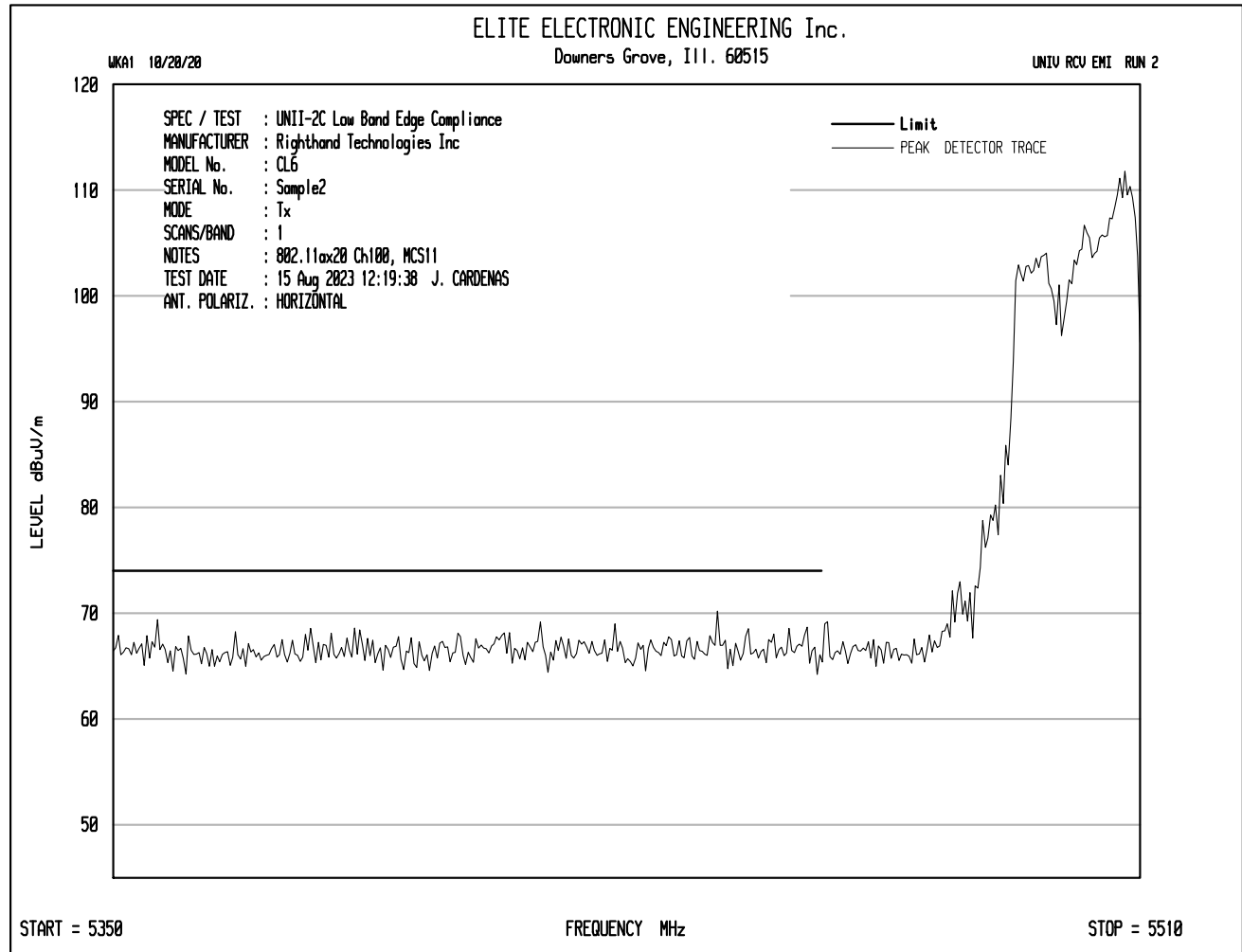


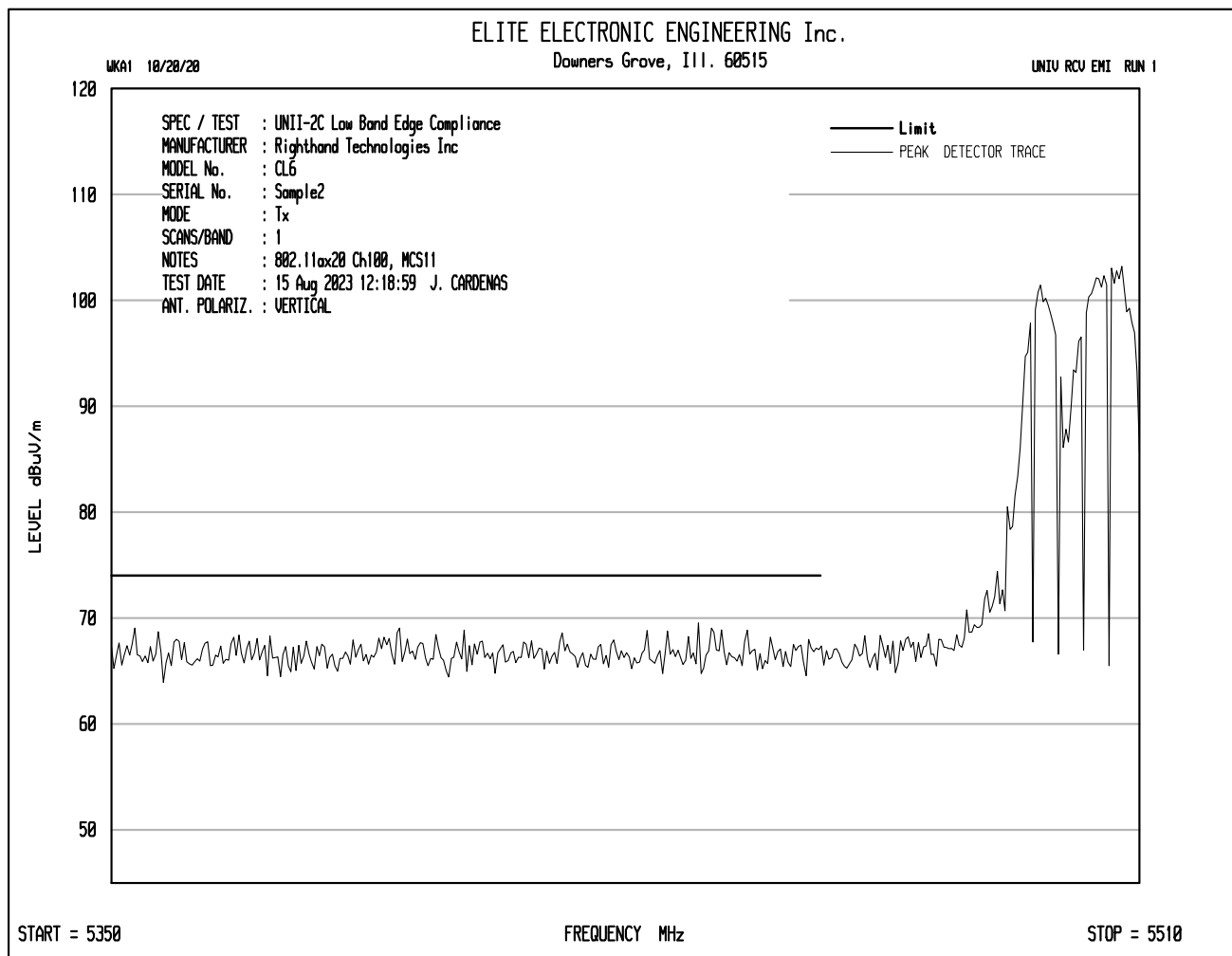


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5350.00	H	26.0	*	5.1	36.4	0.0	67.5	2383.8	5000.0	-6.4
	V	26.2	*	5.1	36.4	0.0	67.7	2416.9	5000.0	-6.3

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5350.00	H	8.0	*	5.1	36.4	0.0	0.0	49.6	300.4	500.0	-4.4
	V	7.9	*	5.1	36.4	0.0	0.0	49.5	297.0	500.0	-4.5

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20
Frequency Tested	5460MHz
Test Dates	8/15/2023
Notes	Band Edge – Peak and Average Measurements

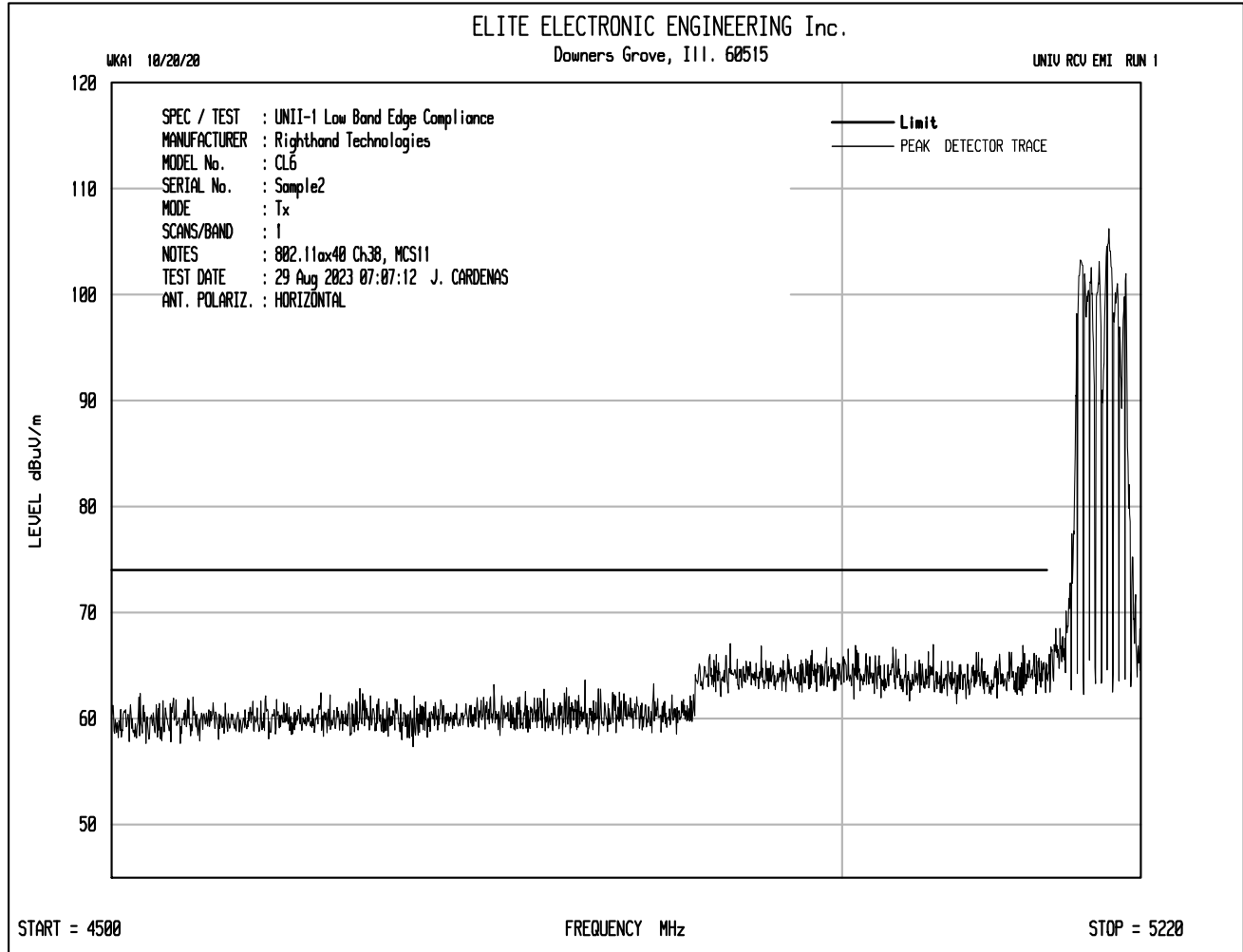


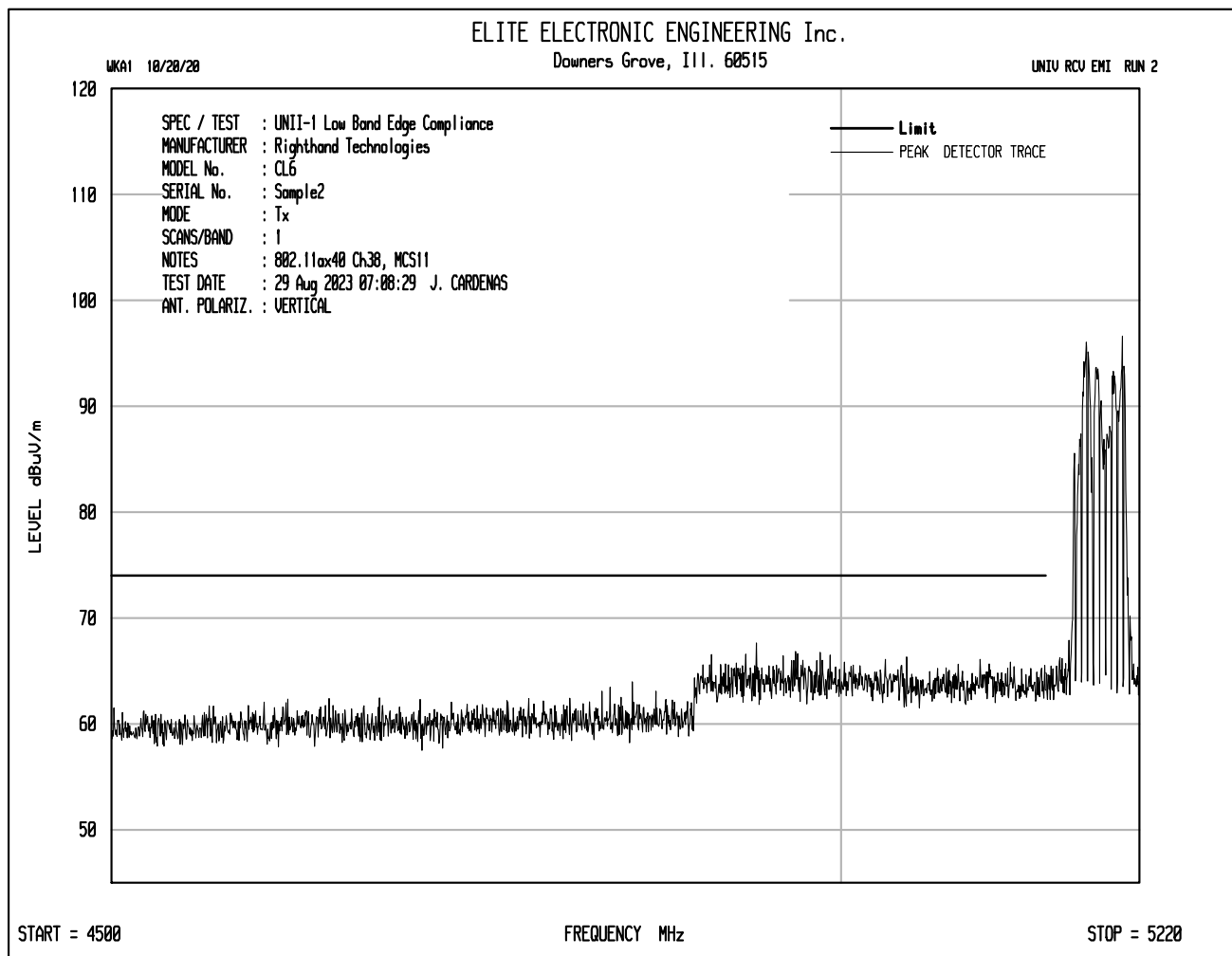


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5460.00	H	23.3	*	5.1	36.7	0.0	65.0	1788.4	5000.0	-8.9
	V	24.9	*	5.1	36.7	0.0	66.6	2147.6	5000.0	-7.3

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5460.00	H	7.88	*	5.1	36.7	0.0	0.0	49.6	302.7	500.0	-4.4
	V	7.95	*	5.1	36.7	0.0	0.0	49.7	305.1	500.0	-4.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40
Frequency Tested	5150MHz
Test Date	8/29/2023
Notes	Band Edge – Peak and Average Measurements

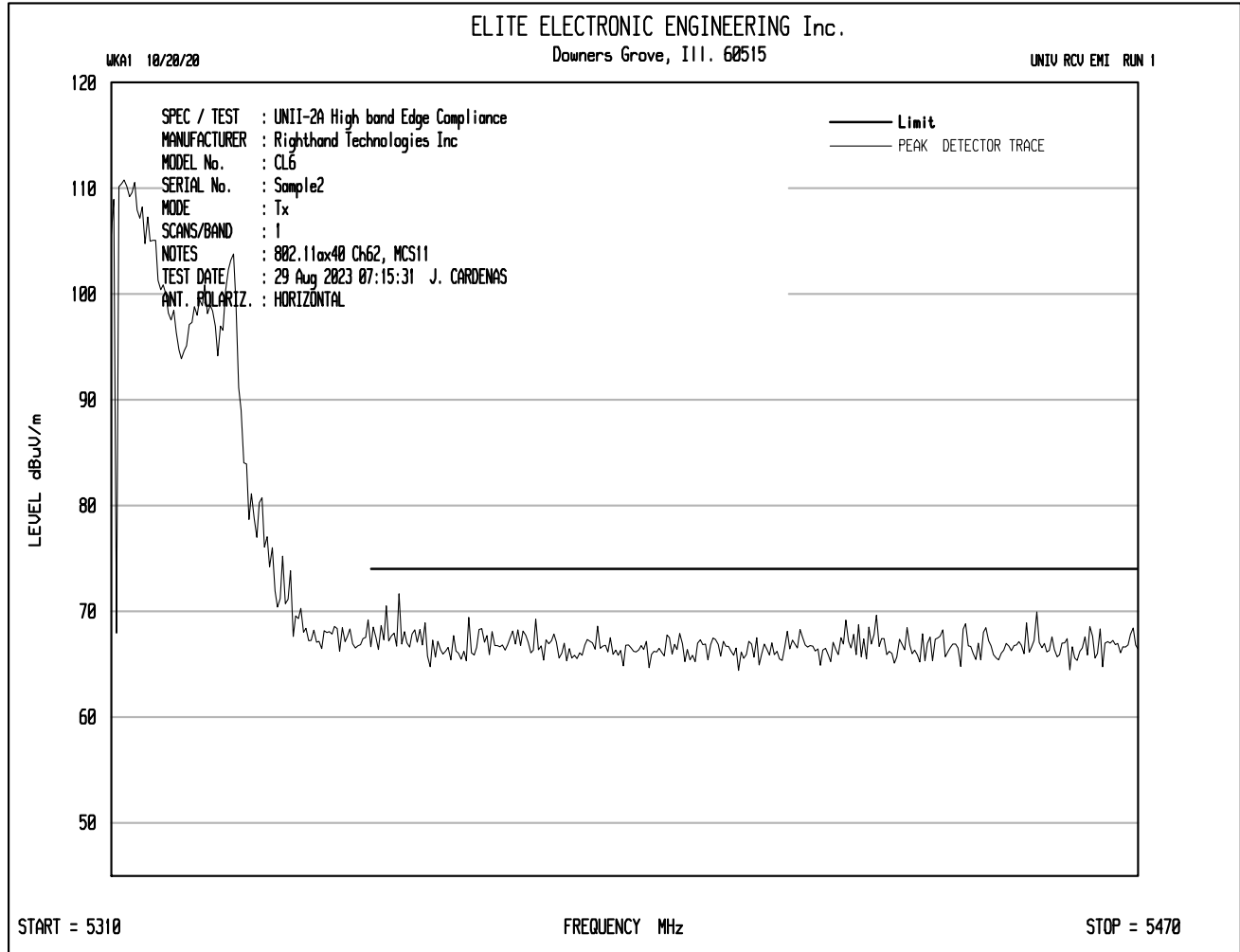


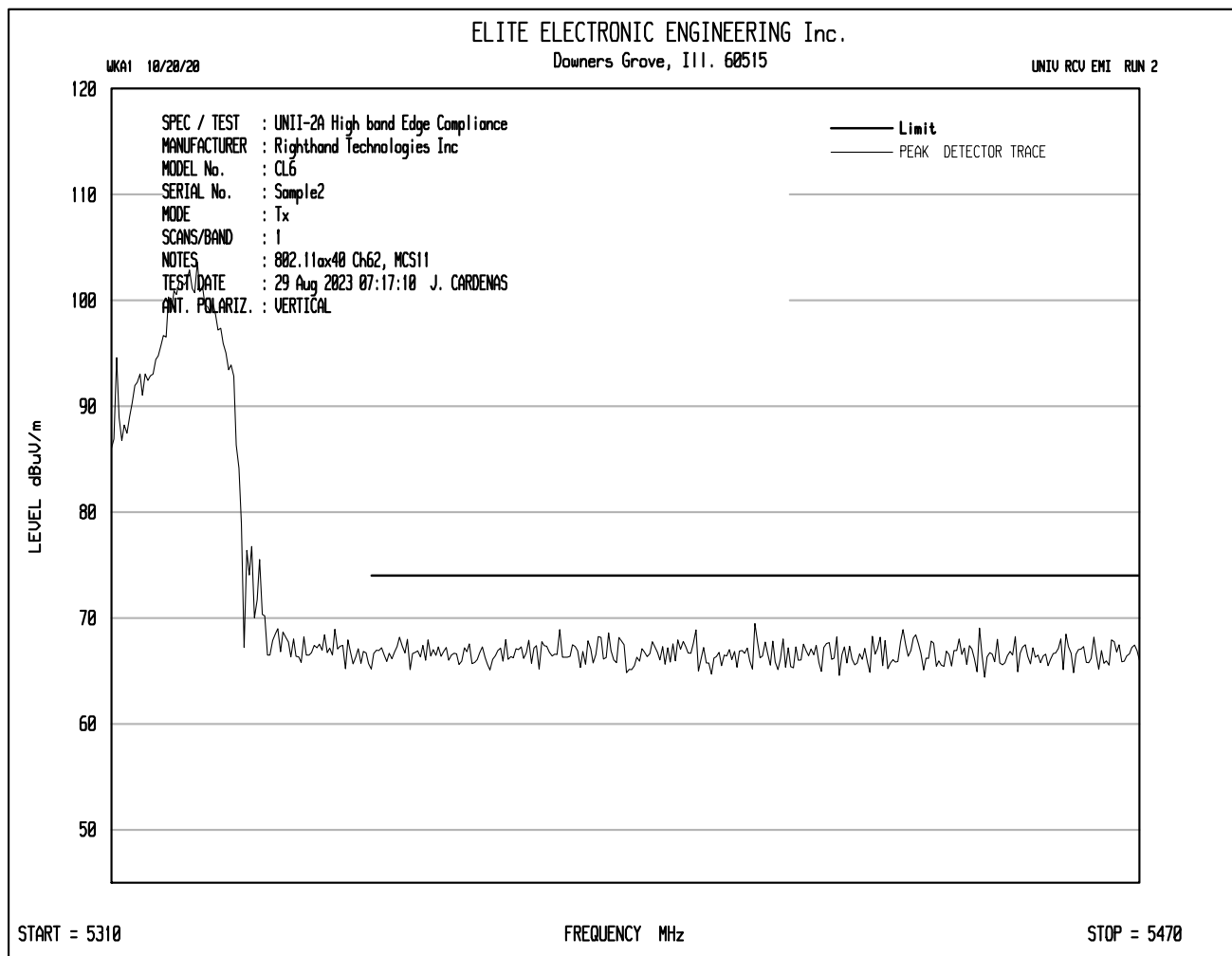


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5150.00	H	26.1	*	5.2	36.9	0.0	68.3	2593.0	5000.0	-5.7
	V	26.5	*	5.2	36.9	0.0	68.7	2715.2	5000.0	-5.3

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5150.00	H	9.10	*	5.2	36.9	0.0	0.0	51.2	364.6	500.0	-2.7
	V	8.24	*	5.2	36.9	0.0	0.0	50.4	330.2	500.0	-3.6

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40
Frequency Tested	5350MHz
Test Date	8/29/2023
Notes	Band Edge – Peak and Average Measurements

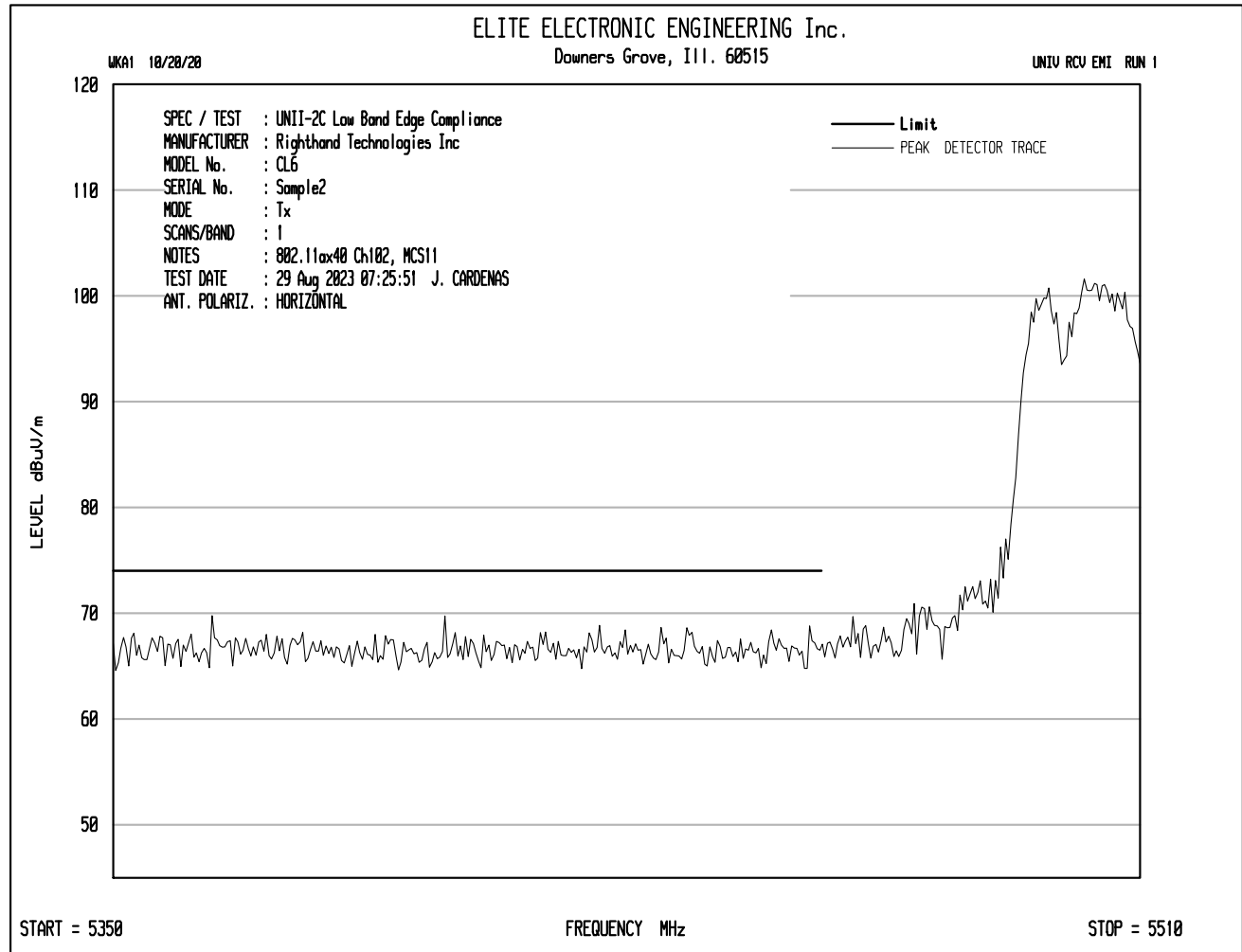


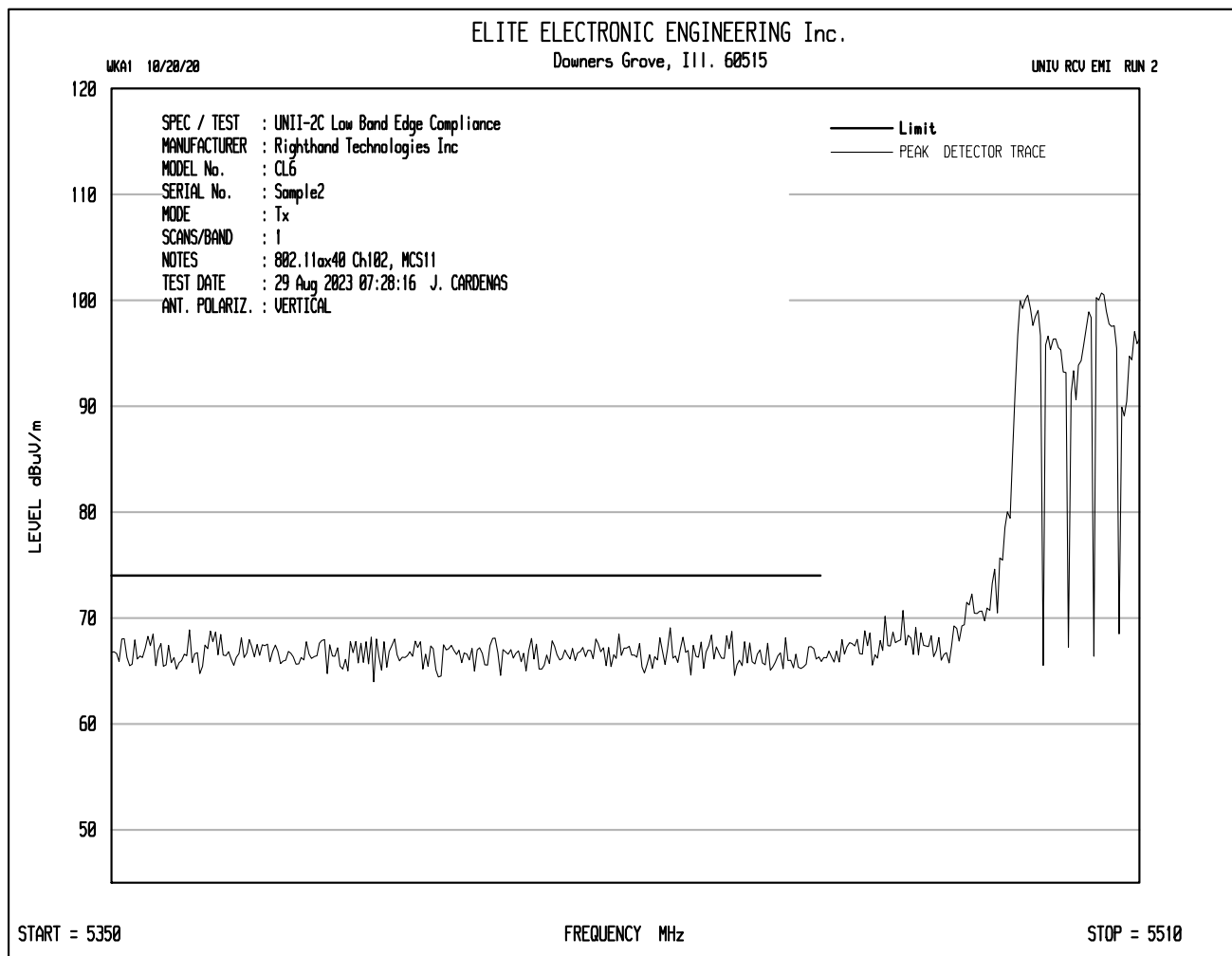


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5350.00	H	27.6		5.1	36.4	0.0	69.1	2842.9	5000.0	-4.9
	V	26.6		5.1	36.4	0.0	68.1	2530.9	5000.0	-5.9

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5350.00	H	12.4		5.1	36.4	0.0	0.0	53.9	494.6	500.0	-0.1
	V	11.6		5.1	36.4	0.0	0.0	53.1	453.7	500.0	-0.8

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40
Frequency Tested	5460MHz
Test Date	8/29/2023
Notes	Band Edge – Peak and Average Measurements

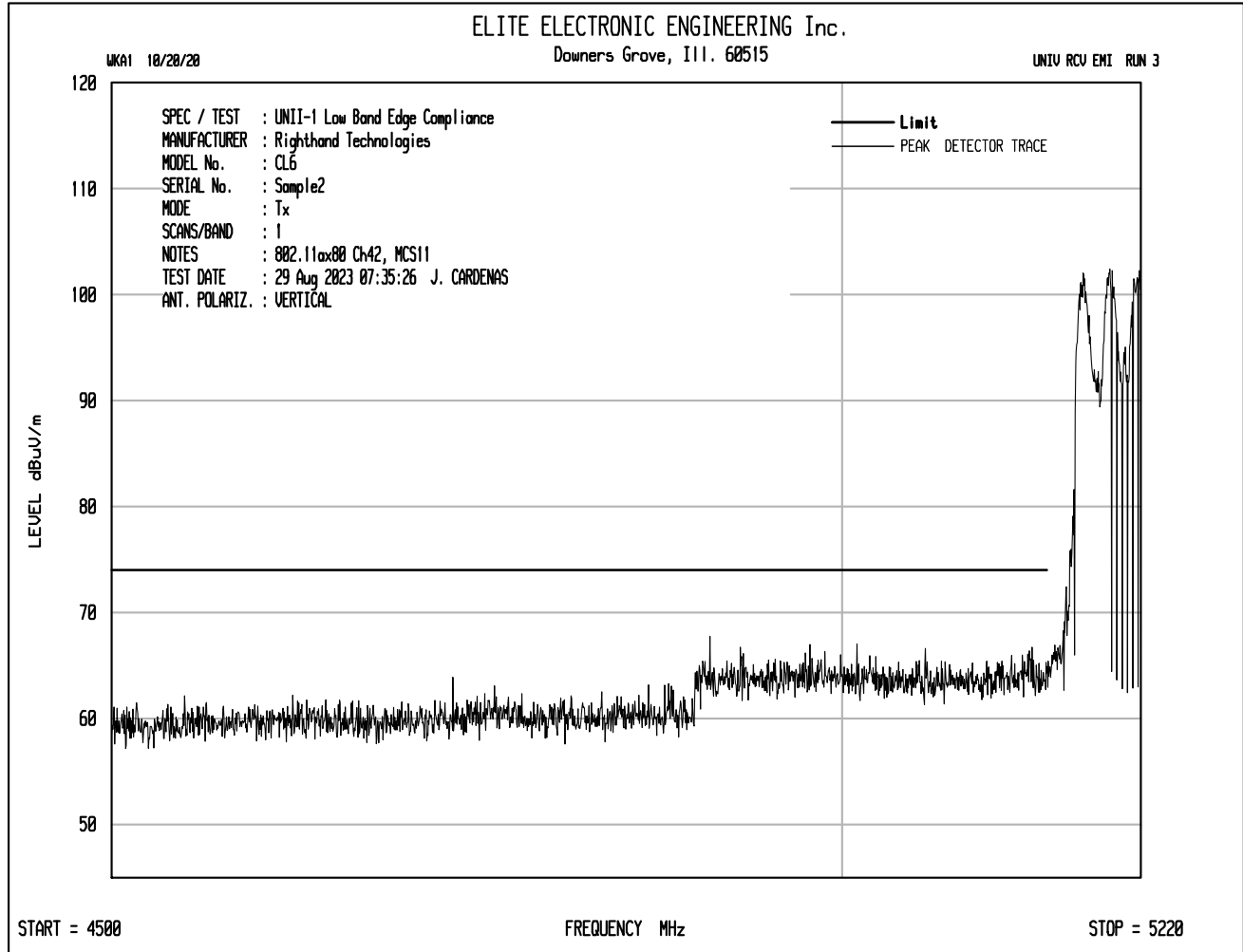


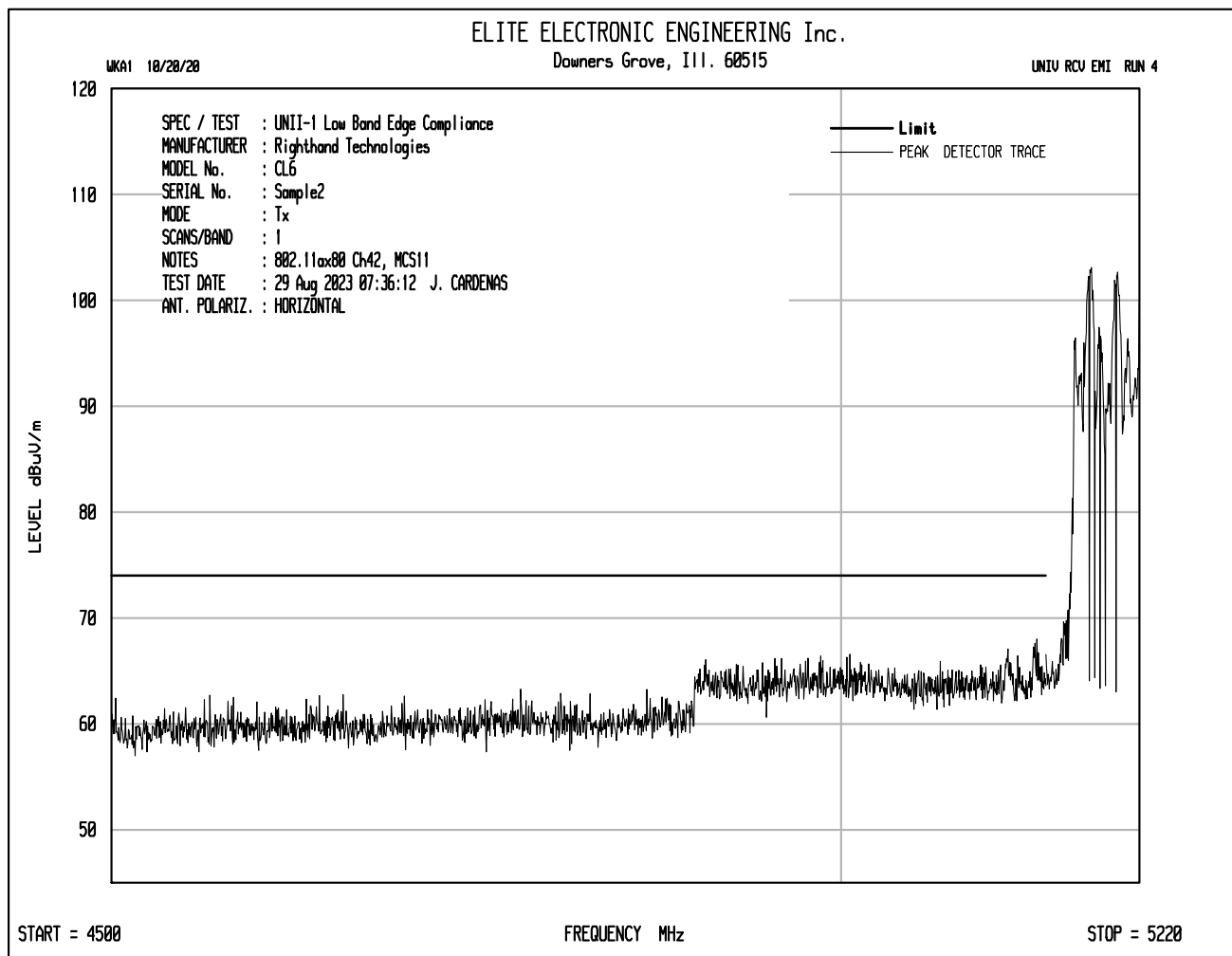


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5460.00	H	23.3	*	5.1	36.7	0.0	65.0	1788.4	5000.0	-8.9
	V	24.9	*	5.1	36.7	0.0	66.6	2147.6	5000.0	-7.3

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5460.00	H	7.88	*	5.1	36.7	0.0	0.0	49.6	302.7	500.0	-4.4
	V	7.95	*	5.1	36.7	0.0	0.0	49.7	305.1	500.0	-4.3

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80
Frequency Tested	5150MHz
Test Date	8/29/2023
Notes	Band Edge – Peak and Average Measurements

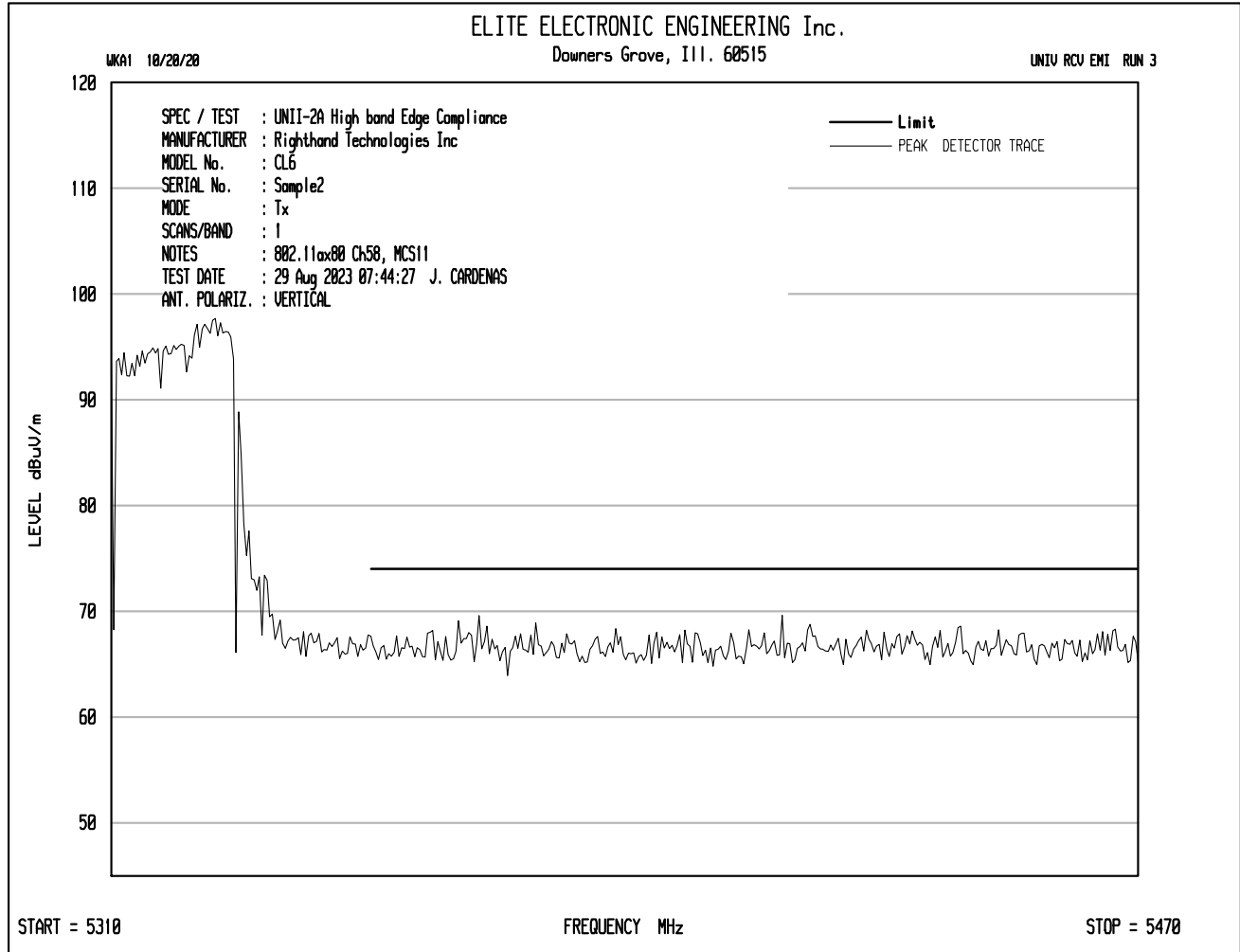


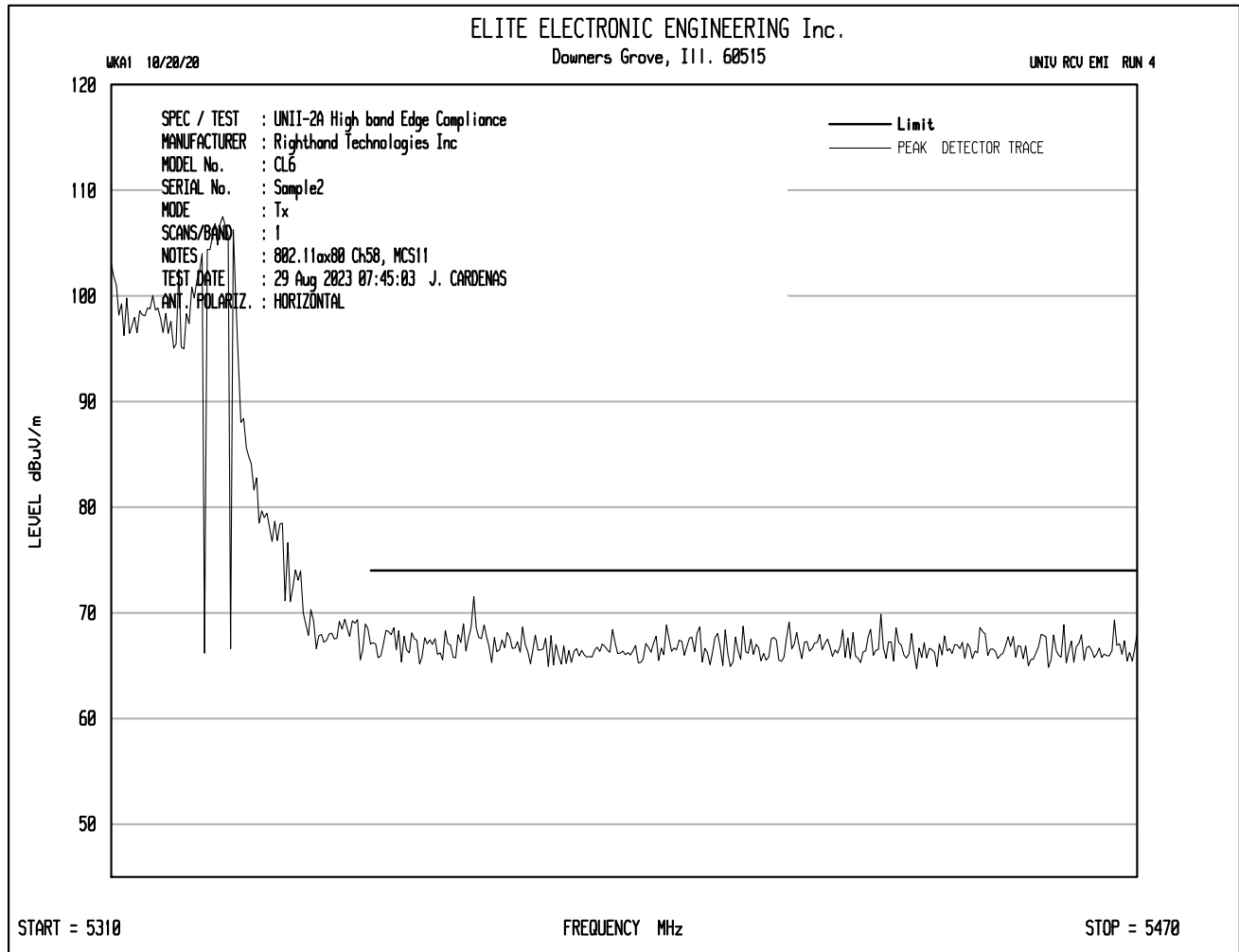


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5150.00	H	25.3	*	5.2	36.9	0.0	67.5	2364.9	5000.0	-6.5
	V	26.5	*	5.2	36.9	0.0	68.6	2693.4	5000.0	-5.4

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5150.00	H	8.77	*	5.2	36.9	0.0	0.0	50.9	351.0	500.0	-3.1
	V	8.84	*	5.2	36.9	0.0	0.0	51.0	353.8	500.0	-3.0

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80
Frequency Tested	5350MHz
Test Date	8/29/2023
Notes	Band Edge – Peak and Average Measurements

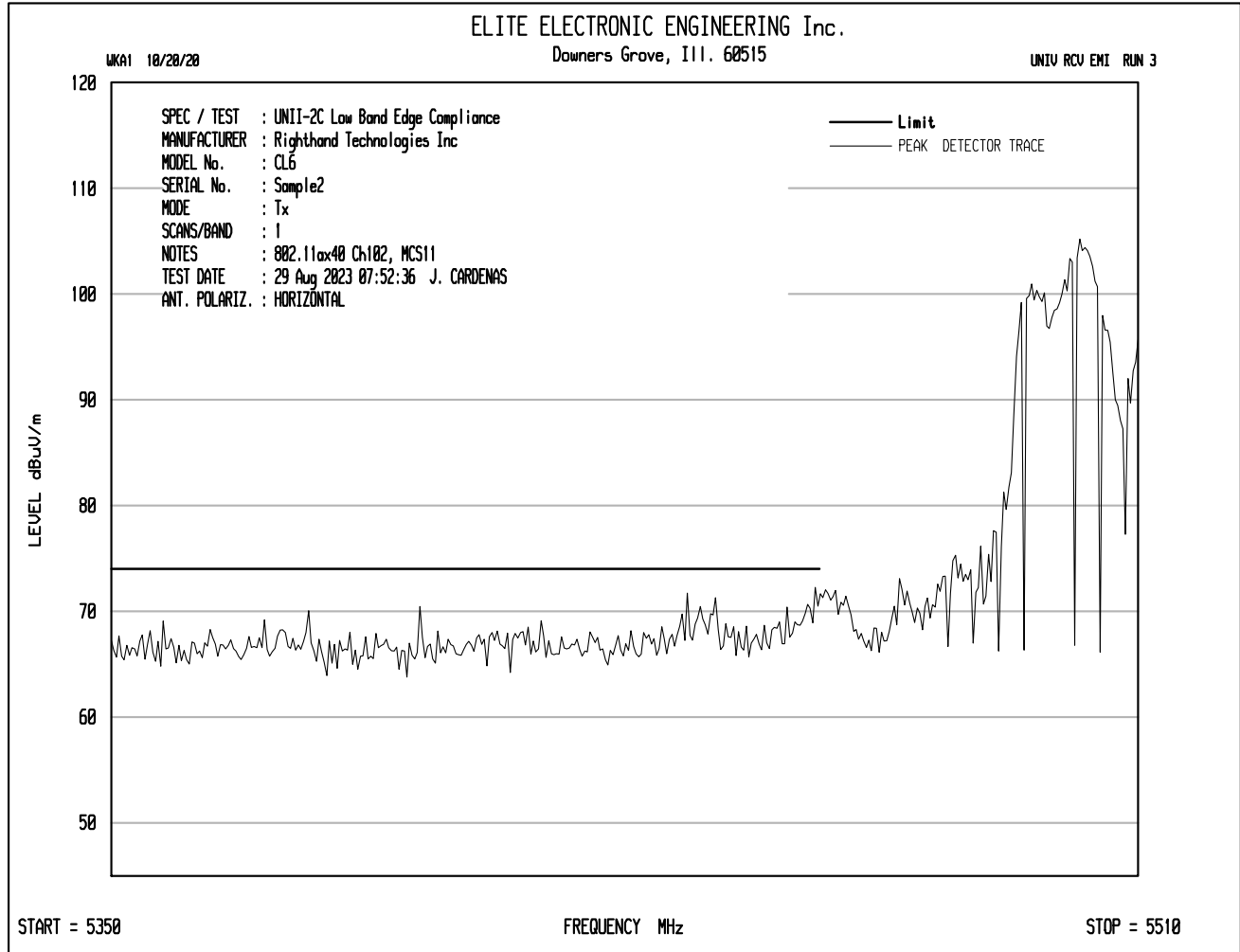


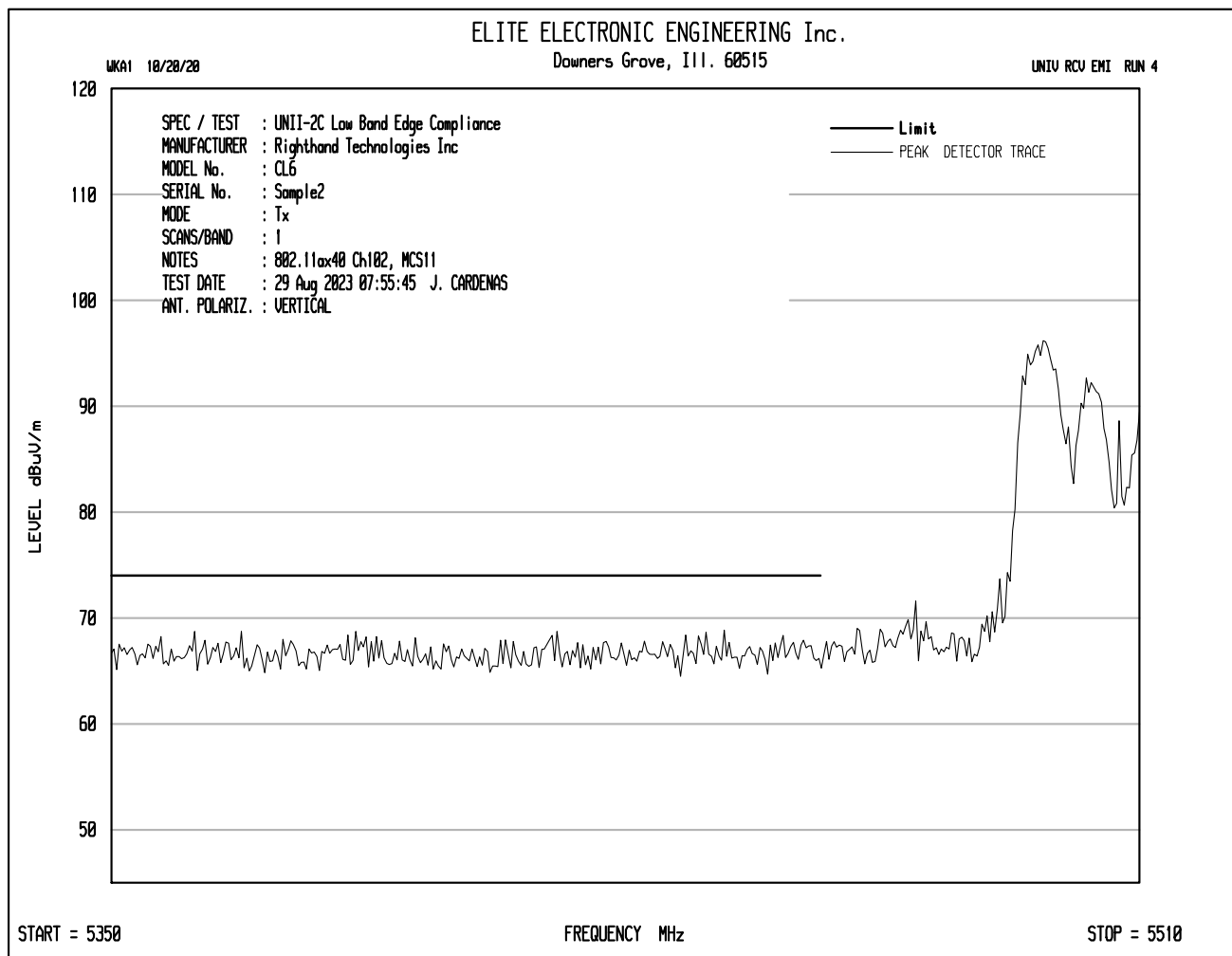


Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5350.00	H	29.8		5.1	36.4	0.0	71.3	3692.1	5000.0	-2.6
	V	28.5		5.1	36.4	0.0	70.0	3167.9	5000.0	-4.0

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5350.00	H	12.21		5.1	36.4	0.0	0.0	53.7	485.6	500.0	-0.3
	V	11.57		5.1	36.4	0.0	0.0	53.1	451.1	500.0	-0.9

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80
Frequency Tested	5460MHz
Test Date	8/29/2023
Notes	Band Edge – Peak and Average Measurements





Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	Cable Factor (dB)	Antenna Factor (dB/m)	Pre Amp (dB)	Peak Total at 3m (dBμV/m)	Peak Total at 3m (μV/m)	Peak Limit at 3m (μV/m)	Margin (dBm)
5460.00	H	30.5		5.1	36.7	0.0	72.3	4111.1	5000.0	-1.7
	V	24.0		5.1	36.7	0.0	65.7	1929.6	5000.0	-8.3

Freq (MHz)	Ant Pol	Meter Reading (dBμV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle Factor (dB)	Average Total at 3m (dBμV/m)	Average Total at 3m (μV/m)	Average Limit at 3m (μV/m)	Margin (dB)
5460.00	H	12.11		5.1	36.7	0.0	0.0	53.8	492.6	500.0	-0.1
	V	11.98		5.1	36.7	0.0	0.0	53.7	485.2	500.0	-0.3

27. Power Spectral Density

EUT Information	
Manufacturer	Righthand Technologies Inc
Product	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx

Test Setup Details	
Setup Format	Tabletop
Height of Support	N/A
Measurement Method	Antenna Conducted
Type of Test Site	Elite Test Bench
Test Site Used	N/A
Type of Antennas Used	N/A
Notes	None

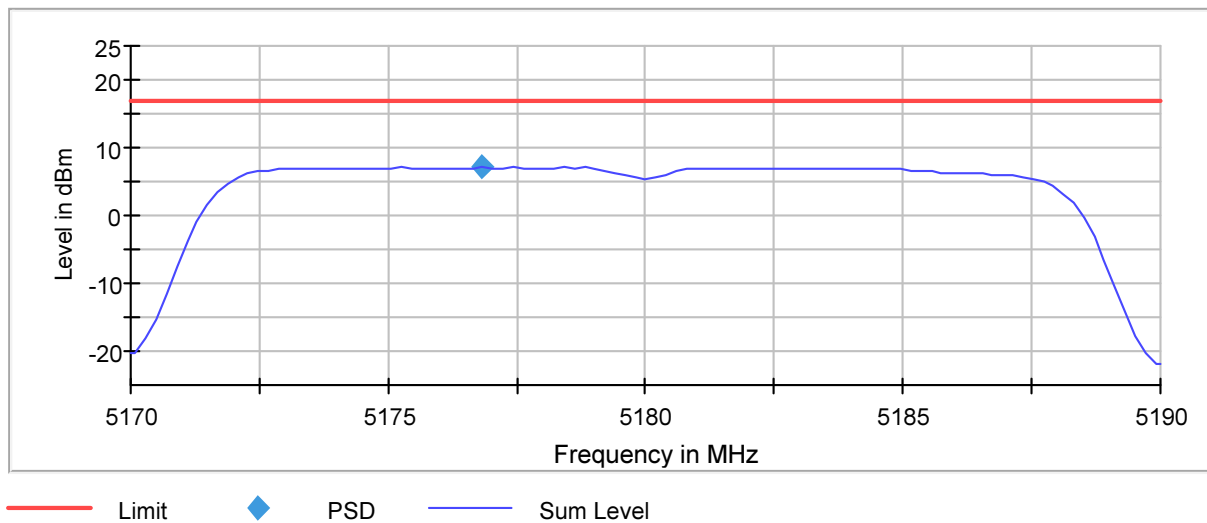
Requirement
FCC Part 15 Subpart E specifies the following: - In the 5150 – 5250MHz and 5250 – 5350MHz bands, the maximum PSD shall be 17dBm/MHz for a master device. - In the 5470 – 5725MHz band, the maximum power shall be 11dBm/MHz. - In the 5725 – 5850MHz band, the maximum power shall be 30dBm/500kHz.
RSS-247 Section 6.2 specifies the following: - In the 5150 – 5250MHz band, the maximum PSD shall be 10dBm/MHz for a master device. - In the 5250 – 5350MHz and 5470 – 5725MHz bands, the maximum power shall be 11dBm/MHz. - In the 5725 – 5850MHz band, the maximum power shall be 30dBm/500kHz.

Procedure
1) Antenna Port 1 of the EUT was connected to the DUT 1 port of the Rohde & Schwarz OSP 120/OSP-B157 system via a coaxial cable and RF attenuator. Each antenna port of the EUT was connected to a separate port (DUT 2, DUT 3, and DUT 4) via separate coaxial cables and RF attenuators. 2) The EUT was then set to transmit at a low, mid, and high channel separately. 3) To determine the power spectral density, the following spectrum analyzer settings were used: a) Center Frequency = Transmit Frequency b) Span = 1.5×99% bandwidth c) Resolution Bandwidth (RBW) = 1MHz (500kHz in the 5725 – 5850GHz band) d) Sweep time = Auto e) Detector = RMS f) Trace Function = Max-Hold 4) A display line was then placed on the corresponding limit level. 5) The analyzers display was then screenshot and saved.

Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5180MHz
Result	PSD = 7.068dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5180.000000	5176.831683	7.068	17.0	PASS

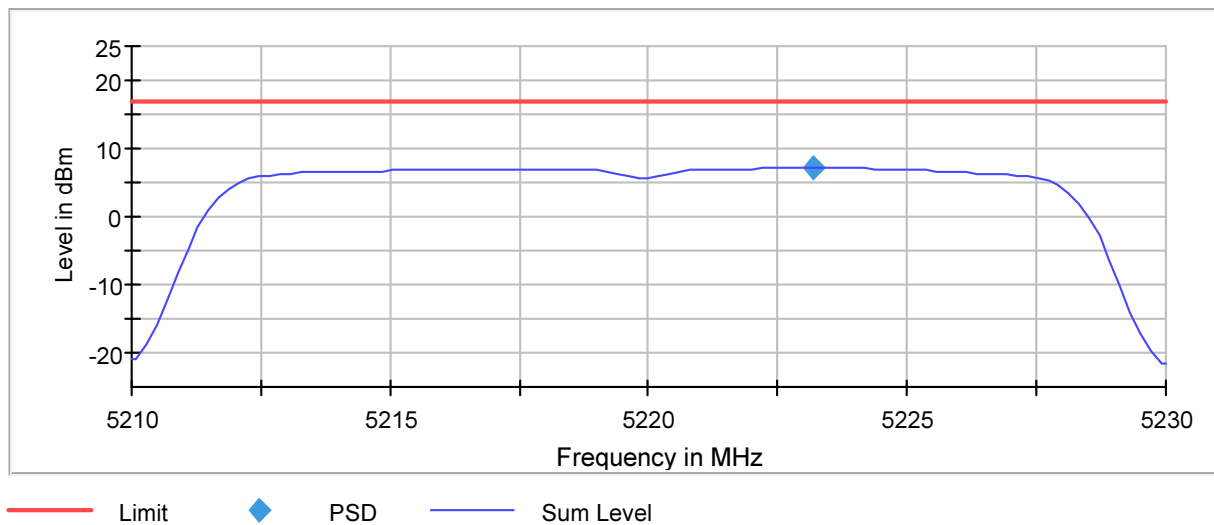
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5220MHz
Result	PSD = 7.207dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5220.000000	5223.168317	7.207	17.0	PASS

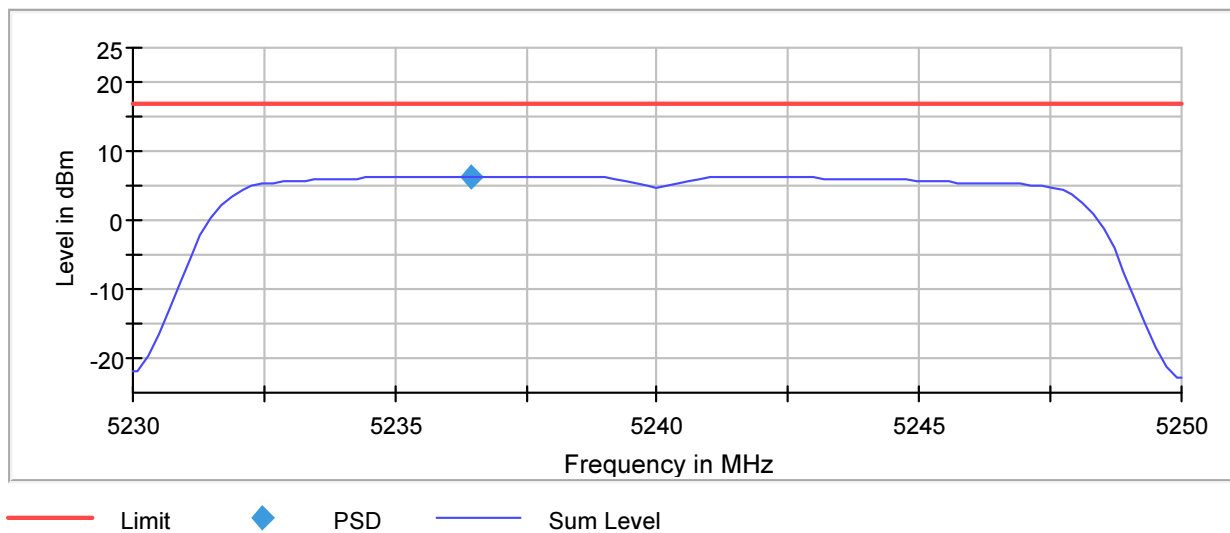
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5240MHz
Result	PSD = 6.389dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5240.000000	5236.435644	6.389	17.0	PASS

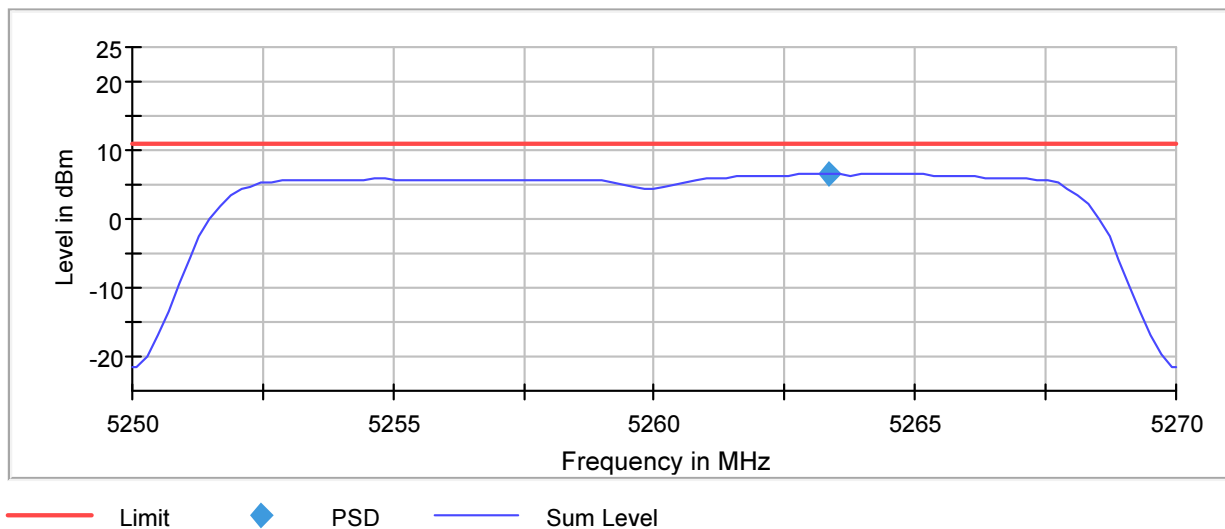
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5260MHz
Result	PSD = 6.467dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5260.000000	5263.366337	6.467	11.0	PASS

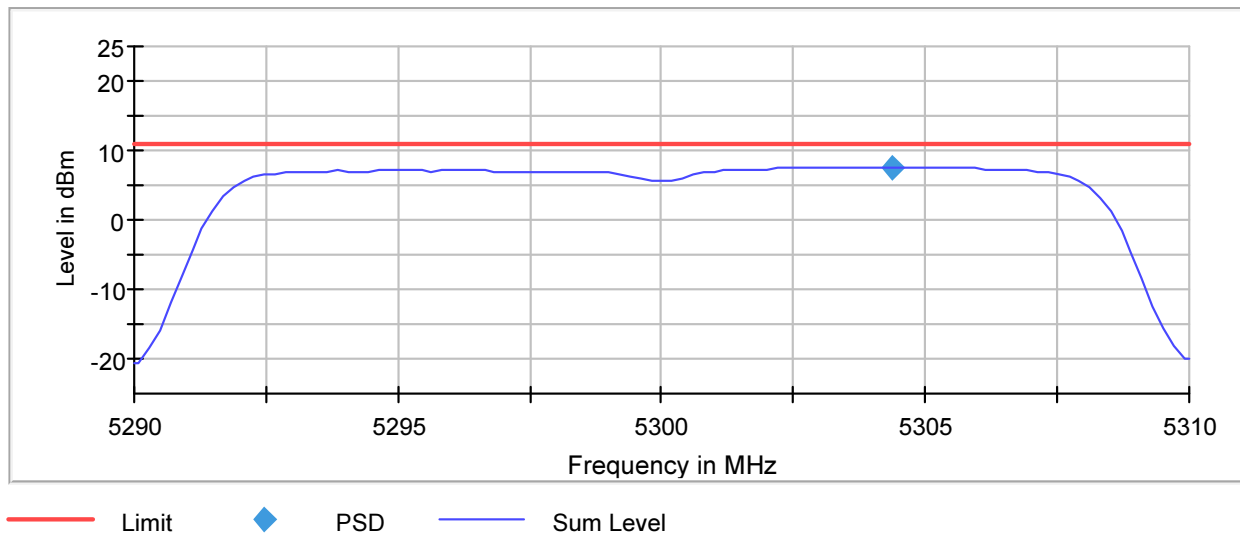
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5300MHz
Result	PSD = 7.6dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5300.000000	5304.356436	7.600	11.0	PASS

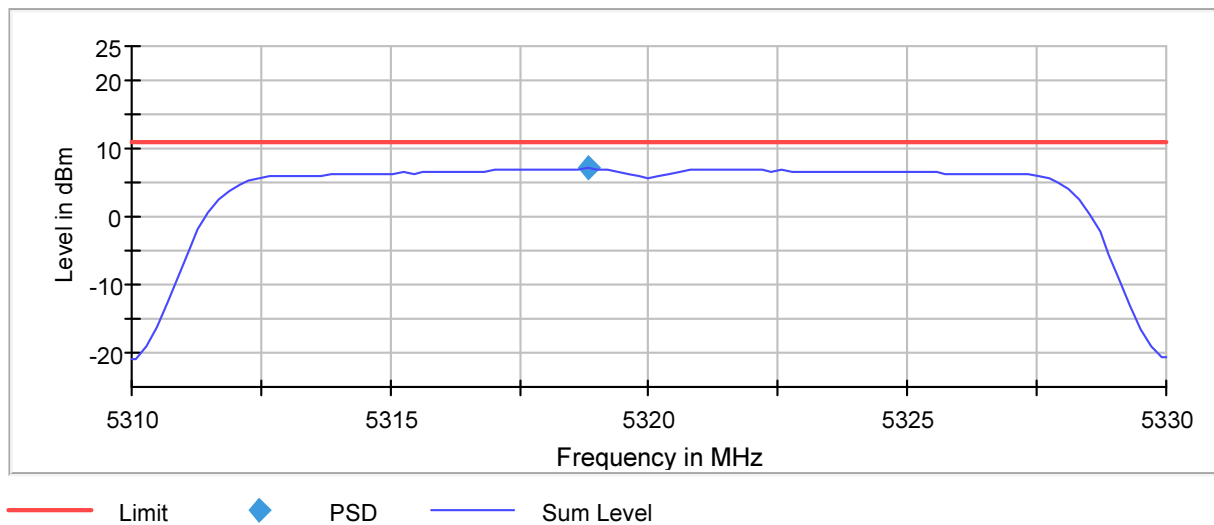
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5320MHz
Result	PSD = 7.072dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5320.000000	5318.811881	7.072	11.0	PASS

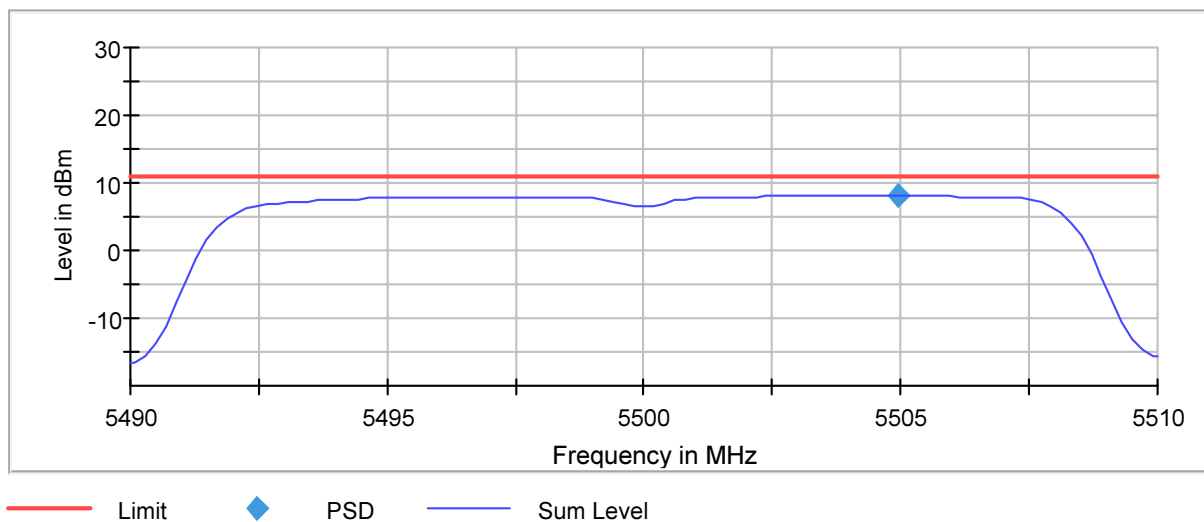
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5500MHz
Result	PSD = 8.16dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5500.000000	5504.950495	8.160	11.0	PASS

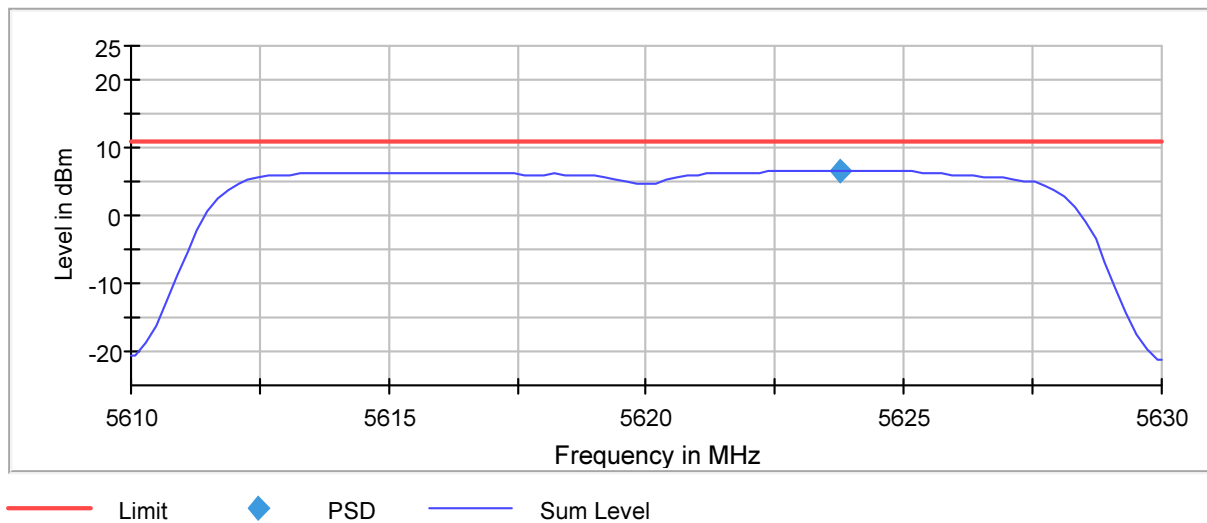
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5620MHz
Result	PSD = 6.626dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5620.000000	5623.762376	6.626	11.0	PASS

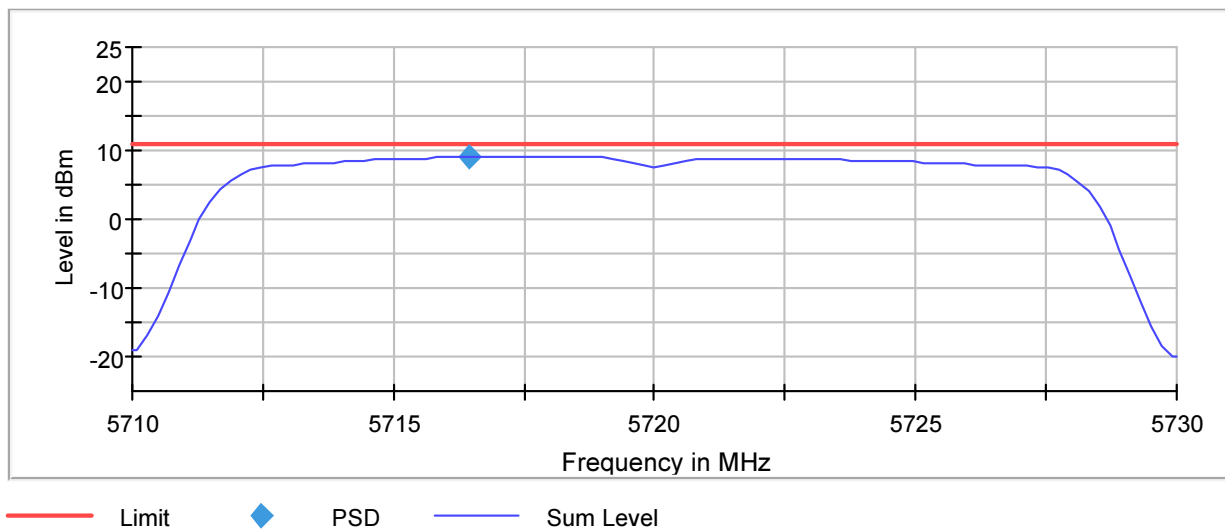
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5720MHz
Result	PSD = 9.099dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5720.000000	5716.435644	9.099	11.0	PASS

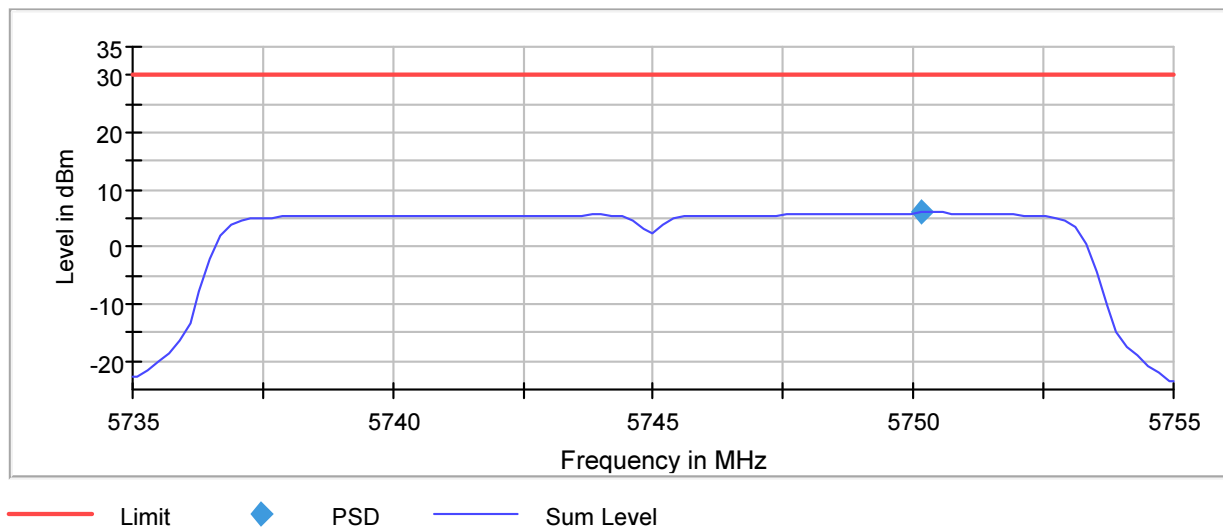
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5745MHz
Result	PSD = 5.964dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5745.000000	5750.148515	5.964	30.0	PASS

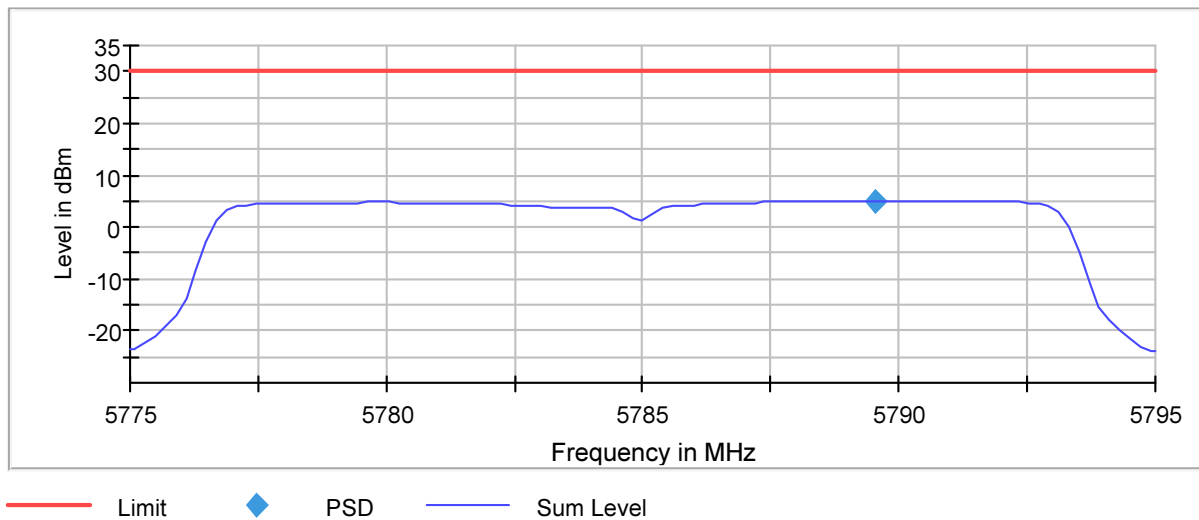
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5785MHz
Result	PSD = 5.136dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5785.000000	5789.554455	5.136	30.0	PASS

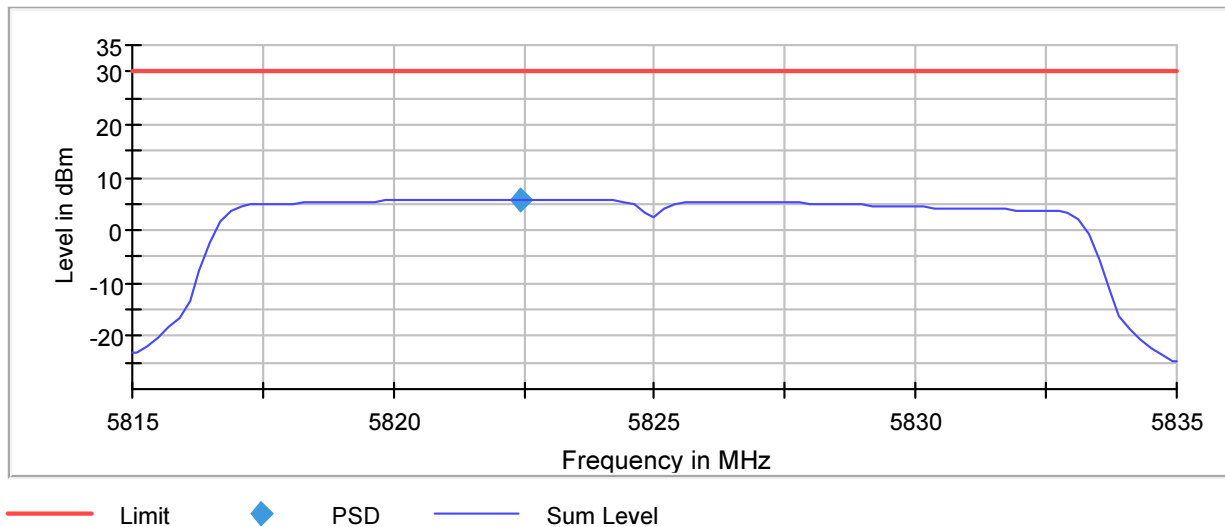
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11a 6Mbps
Frequency Tested	5825MHz
Result	PSD = 5.907dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5825.000000	5822.425743	5.907	30.0	PASS

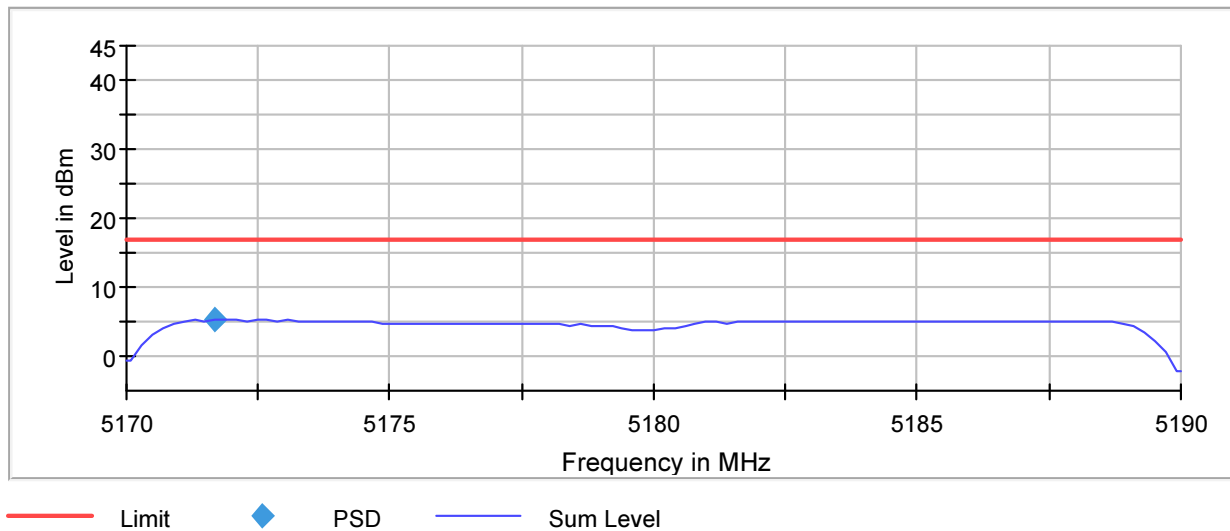
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5180MHz
Result	PSD = 5.288dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5180.000000	5171.683168	5.288	17.0	PASS

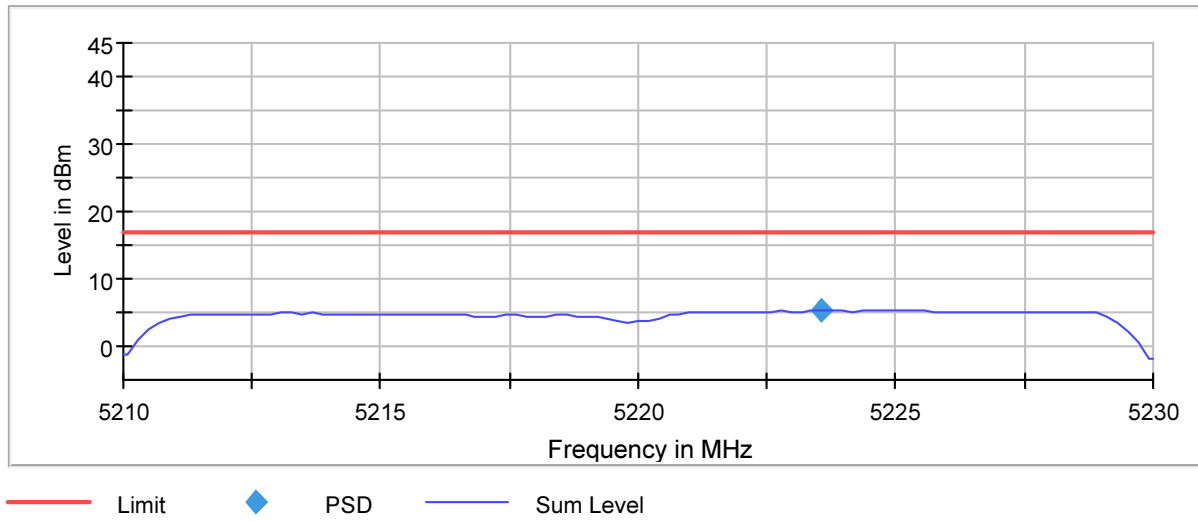
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5220MHz
Result	PSD = 5.299dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5220.000000	5223.564356	5.299	17.0	PASS

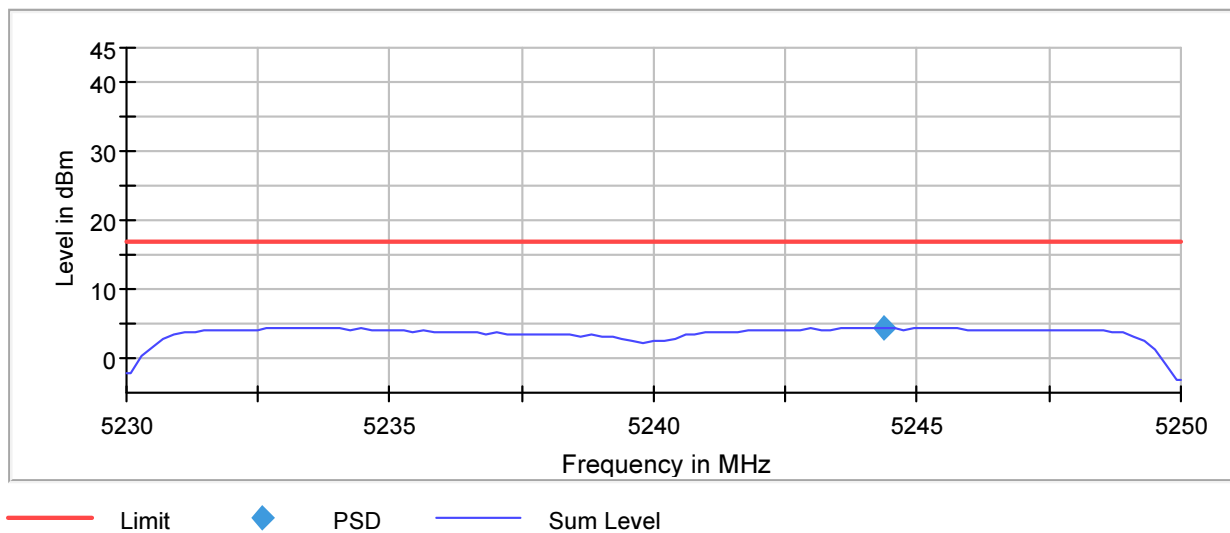
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5240MHz
Result	PSD = 4.363dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5240.000000	5244.356436	4.363	17.0	PASS

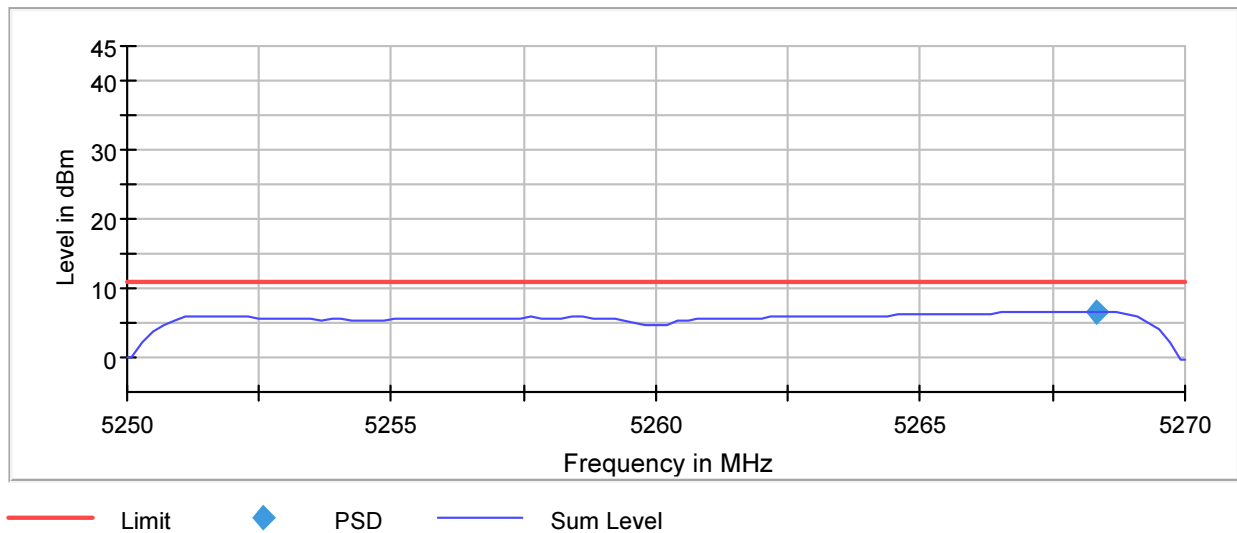
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5260MHz
Result	PSD = 6.693dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5260.000000	5268.316832	6.693	11.0	PASS

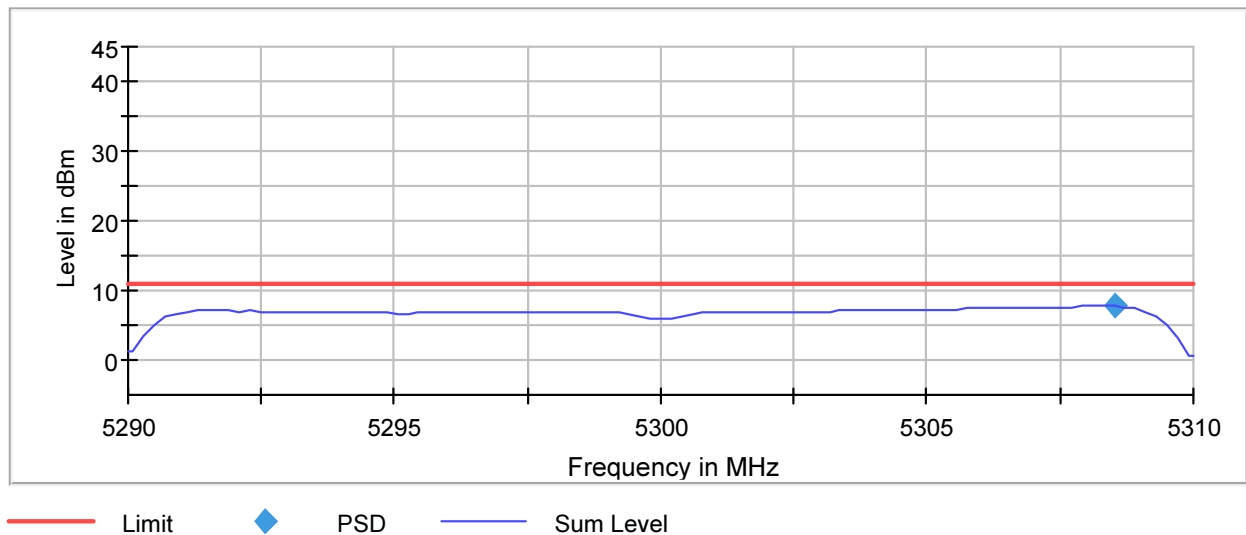
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5300MHz
Result	PSD = 7.782dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5300.000000	5308.514851	7.782	11.0	PASS

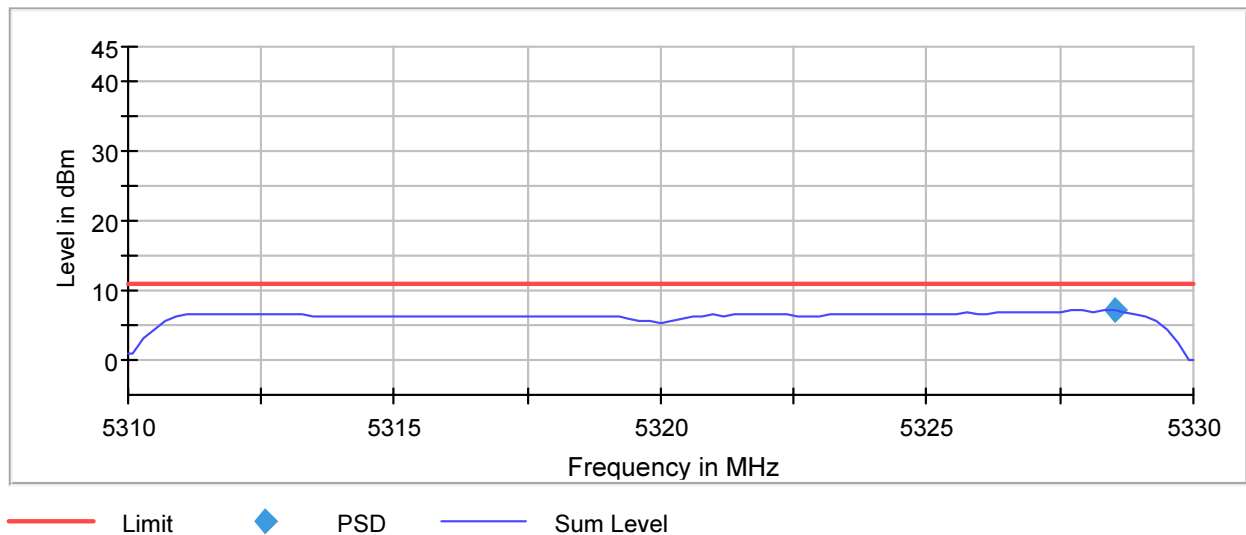
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5320MHz
Result	PSD = 7.069dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5320.000000	5328.514851	7.069	11.0	PASS

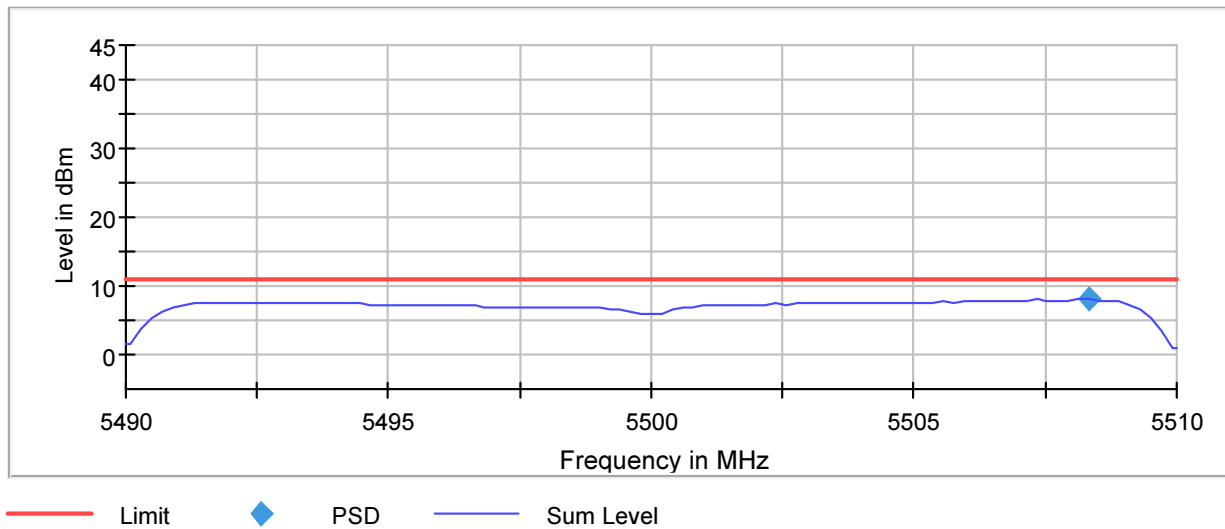
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5500MHz
Result	PSD = 8.03dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5500.000000	5508.316832	8.030	11.0	PASS

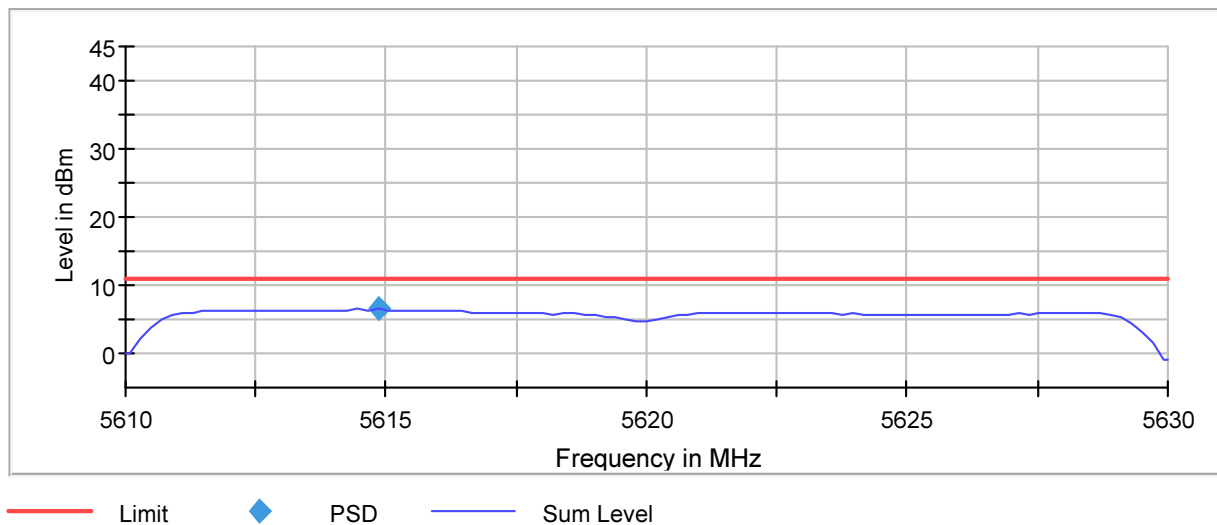
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5620MHz
Result	PSD = 6.416dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5620.000000	5614.851485	6.416	11.0	PASS

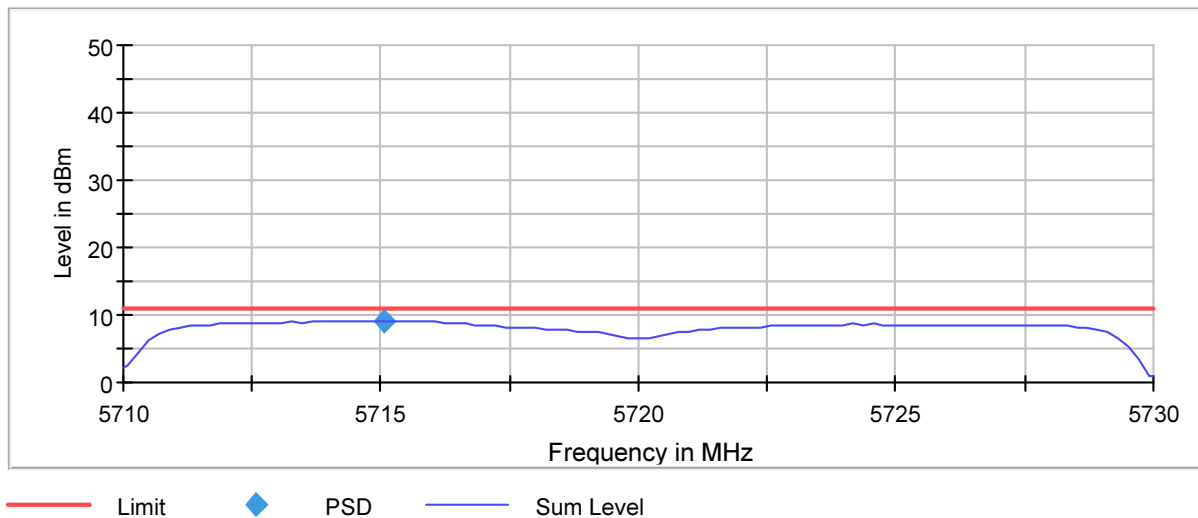
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5720MHz
Result	PSD = 9.607dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5720.000000	5715.049505	9.067	11.0	PASS

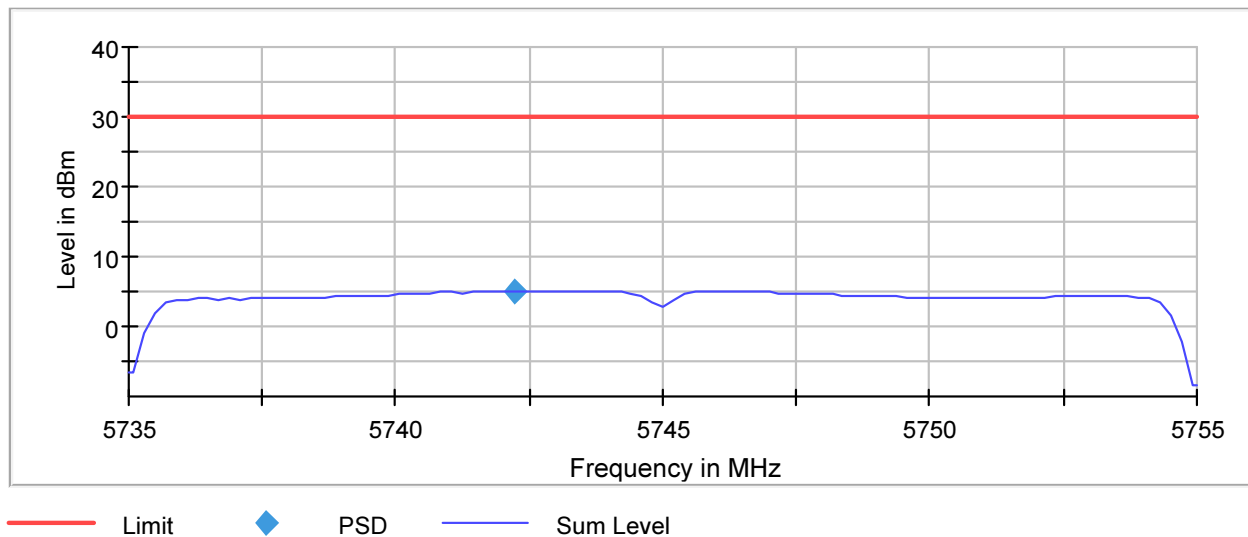
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5745MHz
Result	PSD = 5.116dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5745.000000	5742.227723	5.116	30.0	PASS

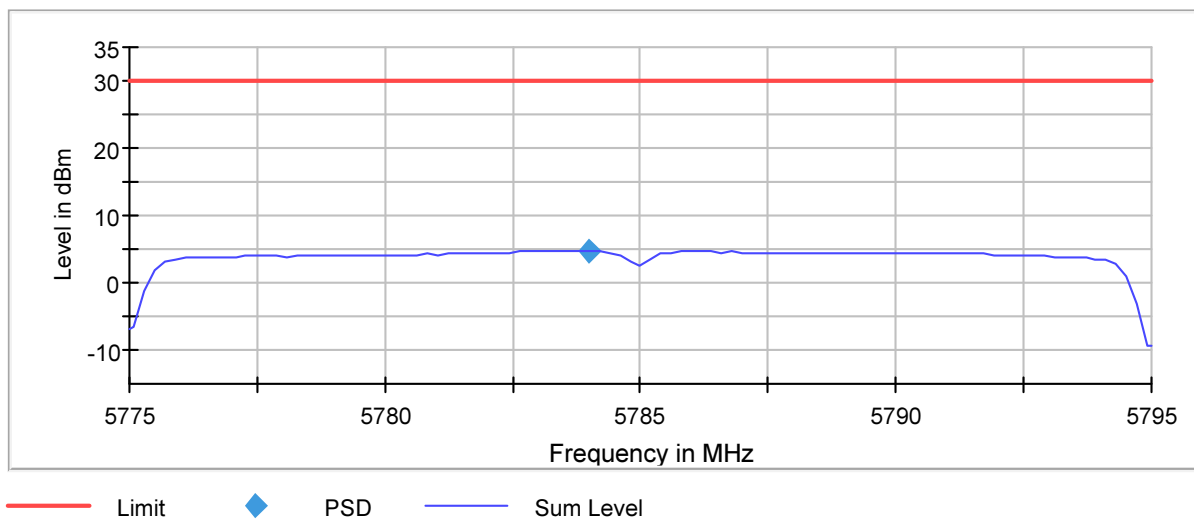
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5785MHz
Result	PSD = 4.731dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5785.000000	5784.009901	4.731	30.0	PASS

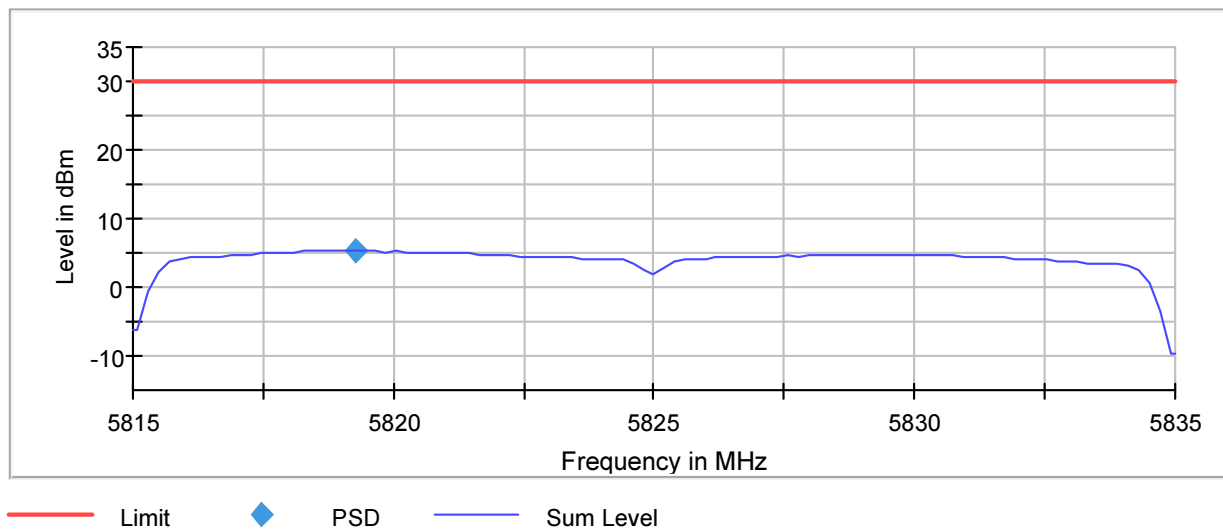
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax20 MCS11
Frequency Tested	5825MHz
Result	PSD = 5.339dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5825.000000	5819.257426	5.339	30.0	PASS

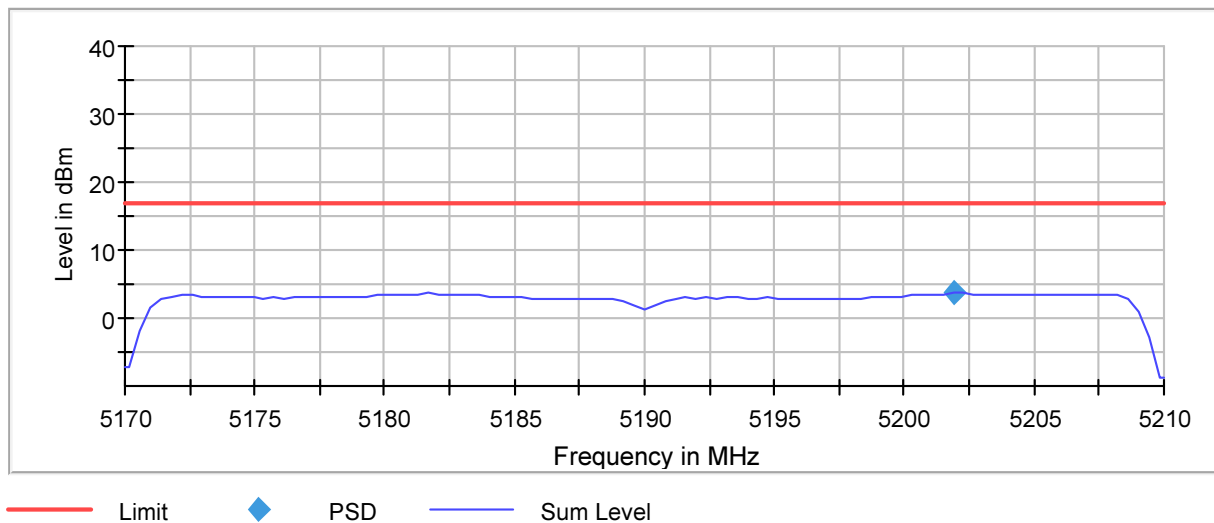
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5190MHz
Result	PSD = 3.638dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5190.000000	5201.881188	3.638	11.0	PASS

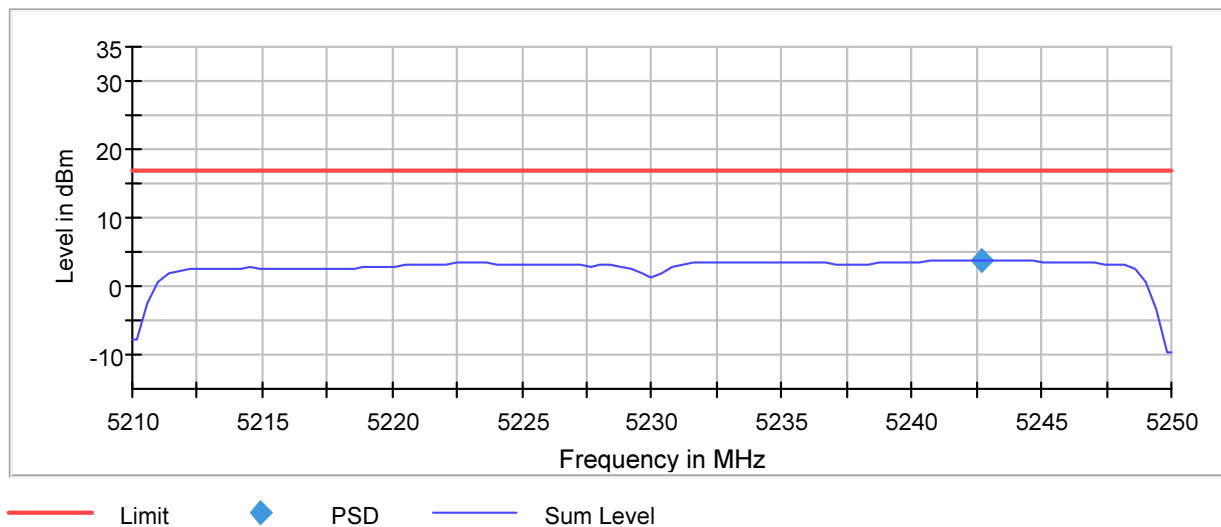
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5230MHz
Result	PSD = 3.855dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5230.000000	5242.673267	3.855	11.0	PASS

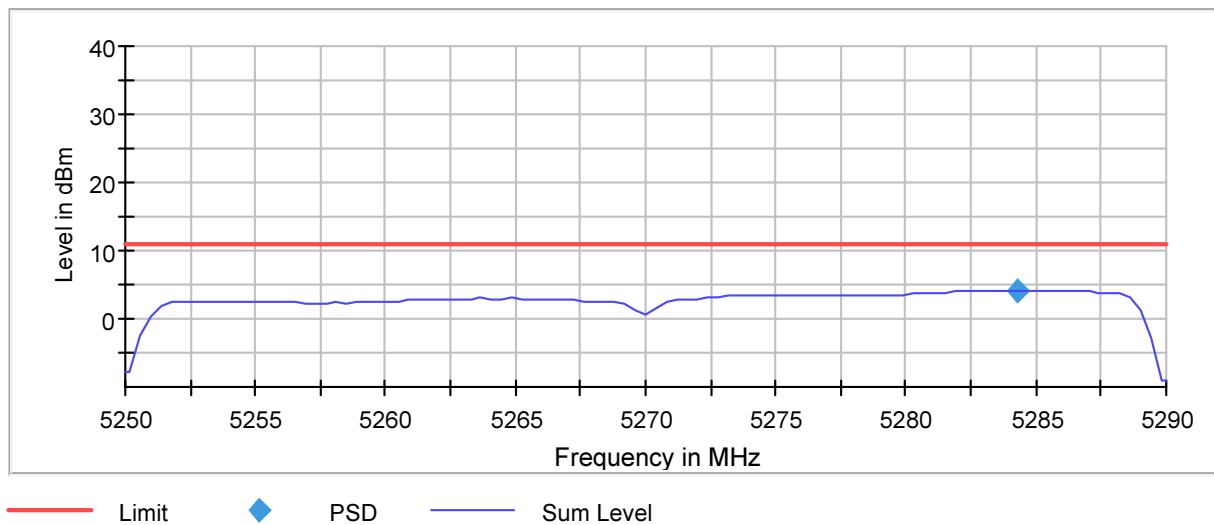
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5270MHz
Result	PSD = 4.193dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5270.000000	5284.257426	4.193	11.0	PASS

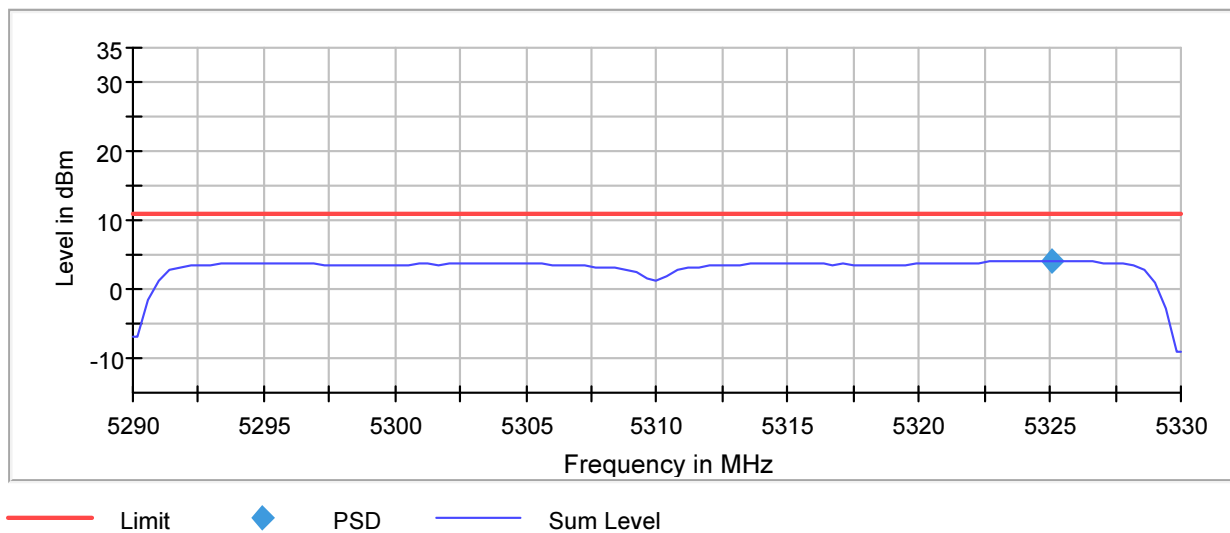
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5310MHz
Result	PSD = 4.128dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5310.000000	5325.049505	4.128	11.0	PASS

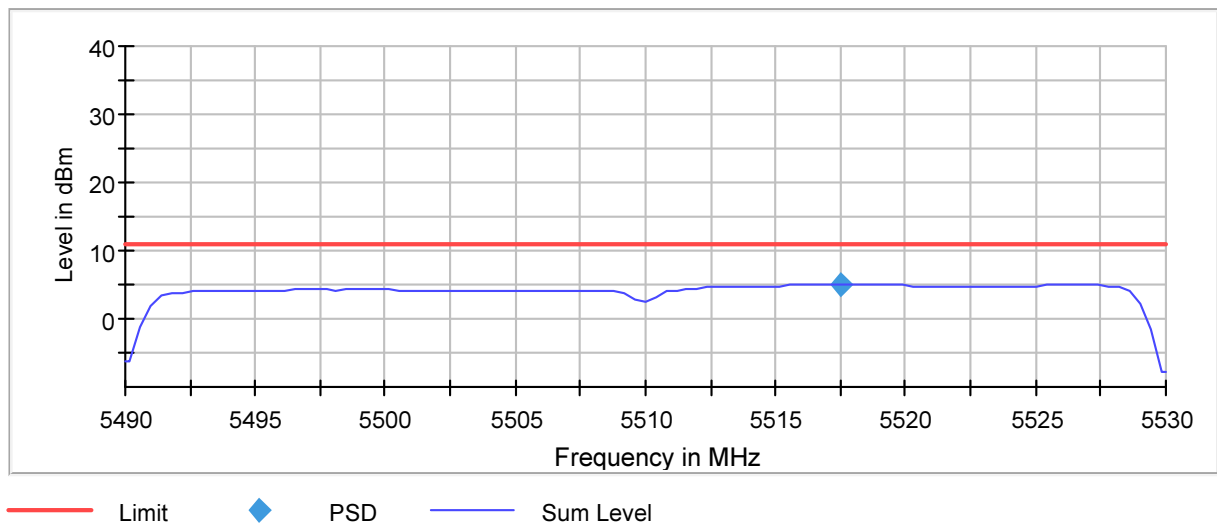
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5510MHz
Result	PSD = 5.001dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5510.000000	5517.524752	5.001	30.0	PASS

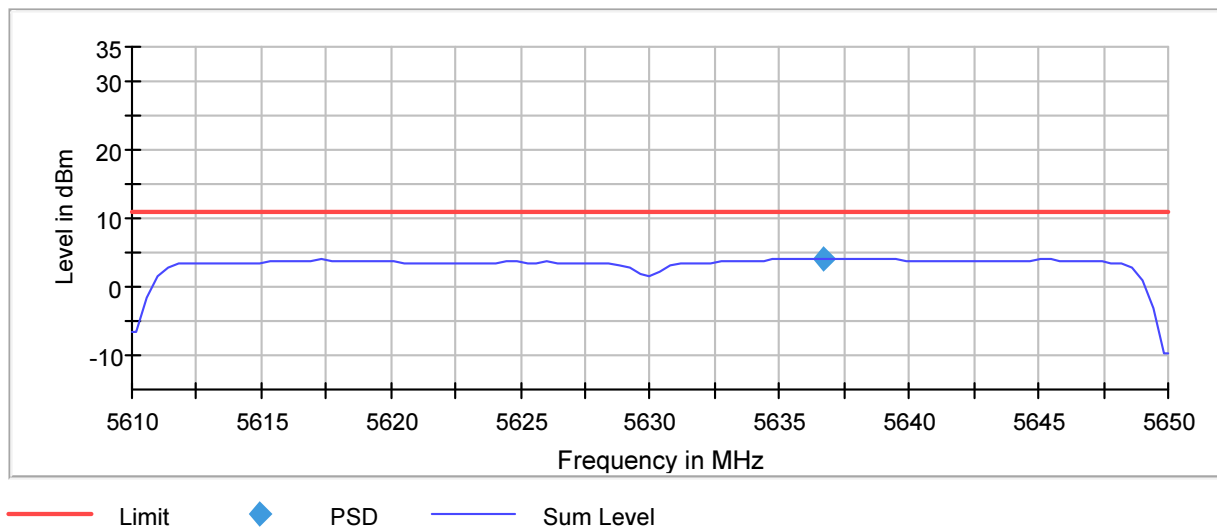
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5630MHz
Result	PSD = 4.193dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5630.000000	5636.732673	4.193	30.0	PASS

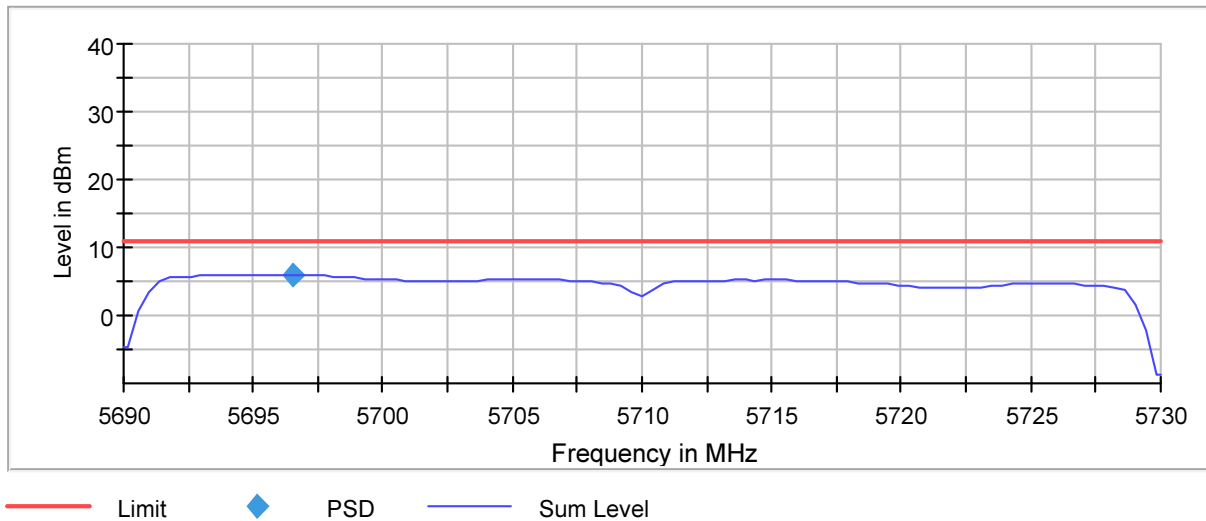
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5710MHz
Result	PSD = 6.01dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5710.000000	5696.534653	6.010	30.0	PASS

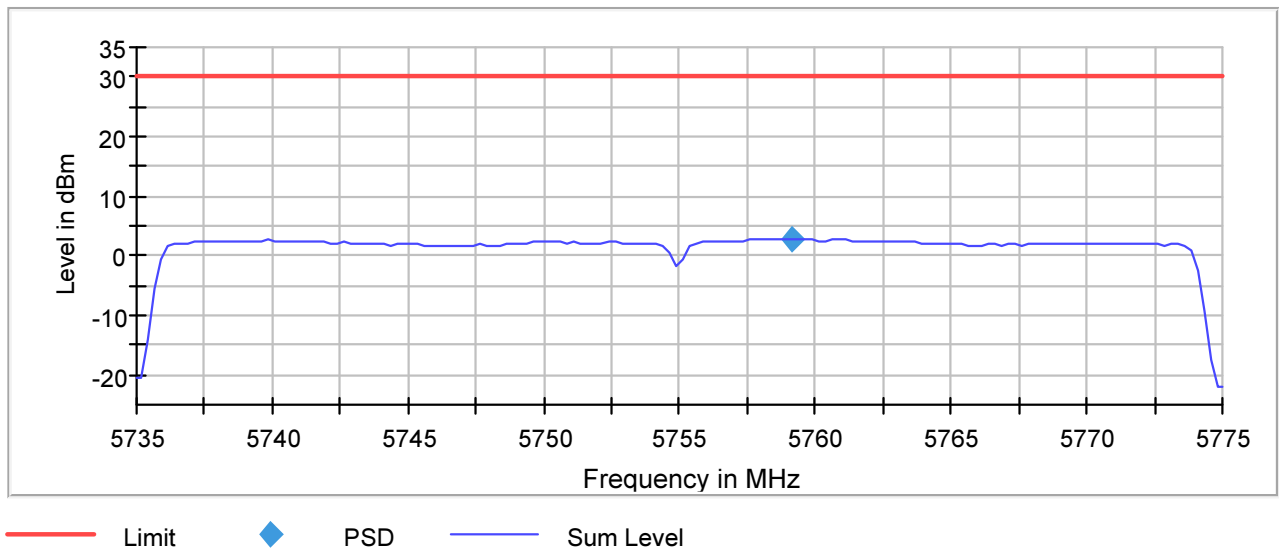
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5755MHz
Result	PSD = 2.785dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5755.000000	5759.125000	2.785	30.0	PASS

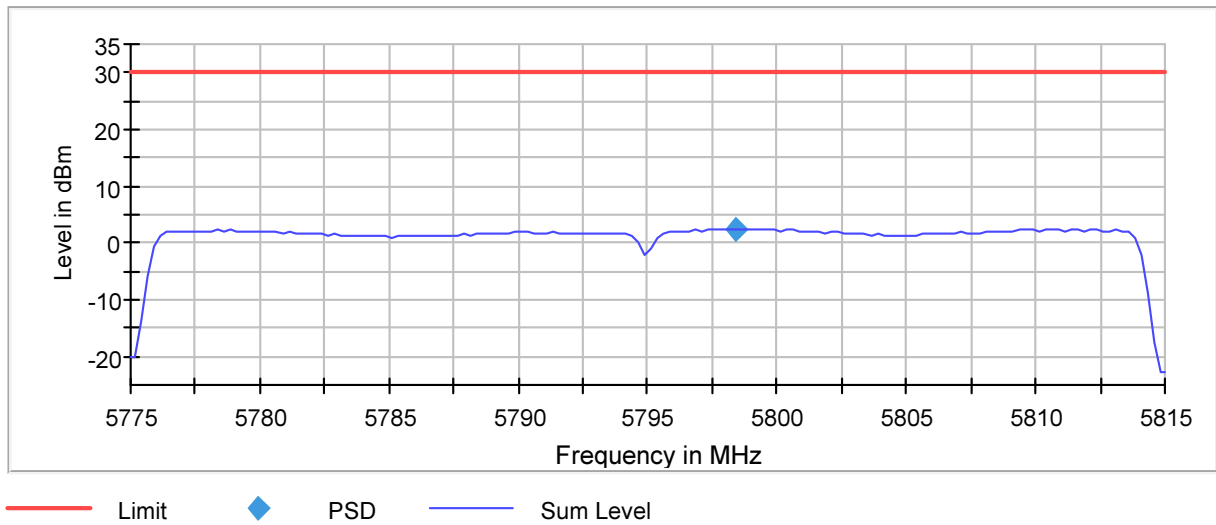
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax40 MCS11
Frequency Tested	5795MHz
Result	PSD = 2.467dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5795.000000	5798.375000	2.467	30.0	PASS

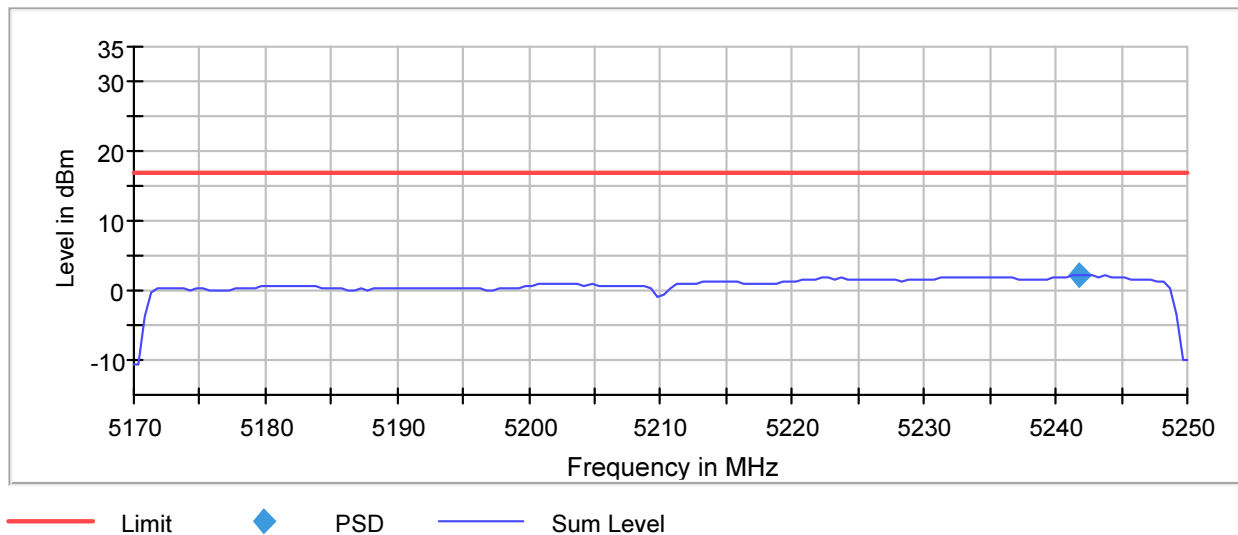
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5210MHz
Result	PSD = 2.082dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5210.000000	5241.750000	2.082	11.0	PASS

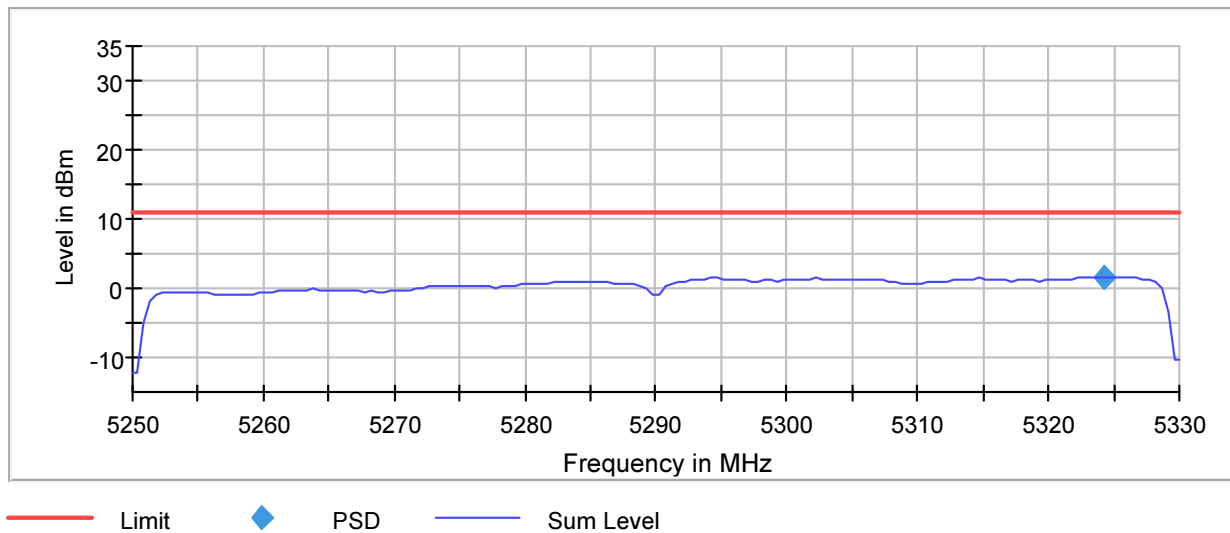
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5290MHz
Result	PSD = 1.658dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5290.000000	5324.250000	1.658	11.0	PASS

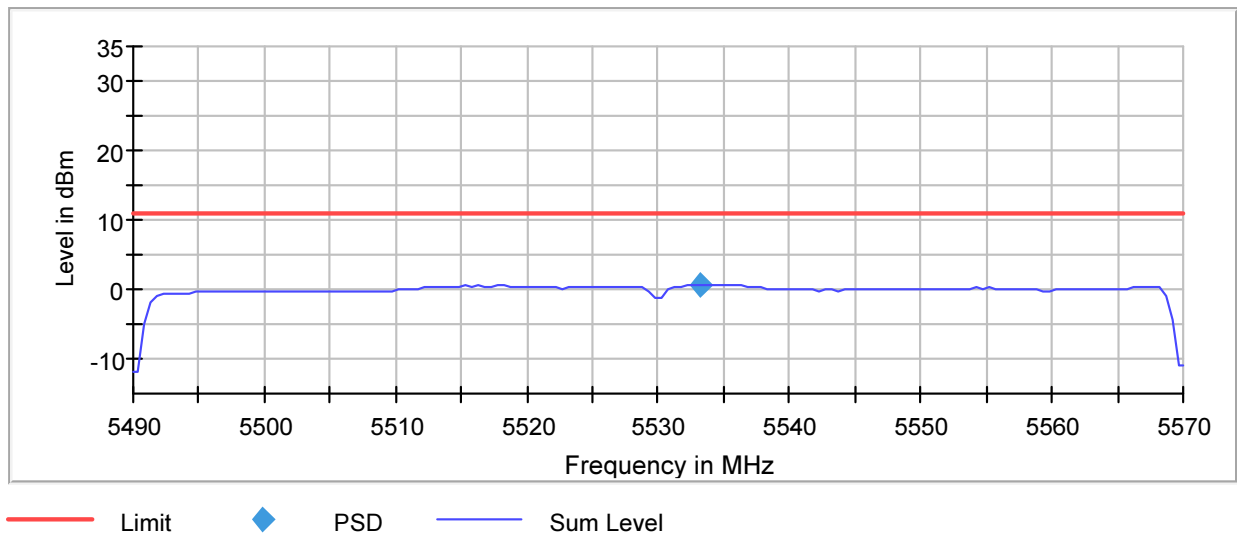
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5530MHz
Result	PSD = 0.618dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5530.000000	5533.250000	0.618	11.0	PASS

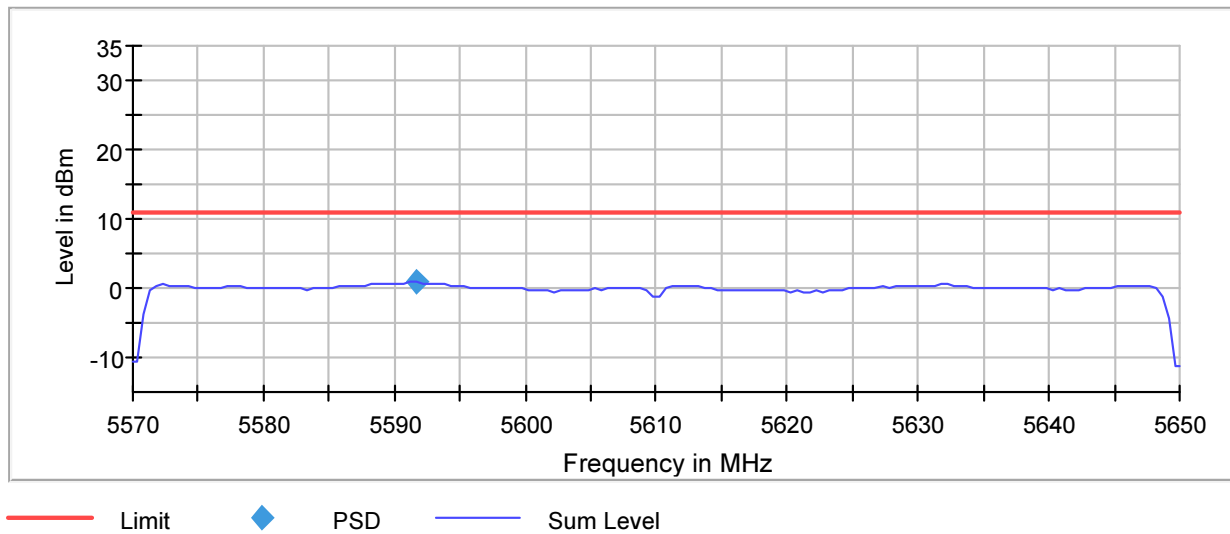
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5610MHz
Result	PSD = 0.921dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5610.000000	5591.750000	0.921	11.0	PASS

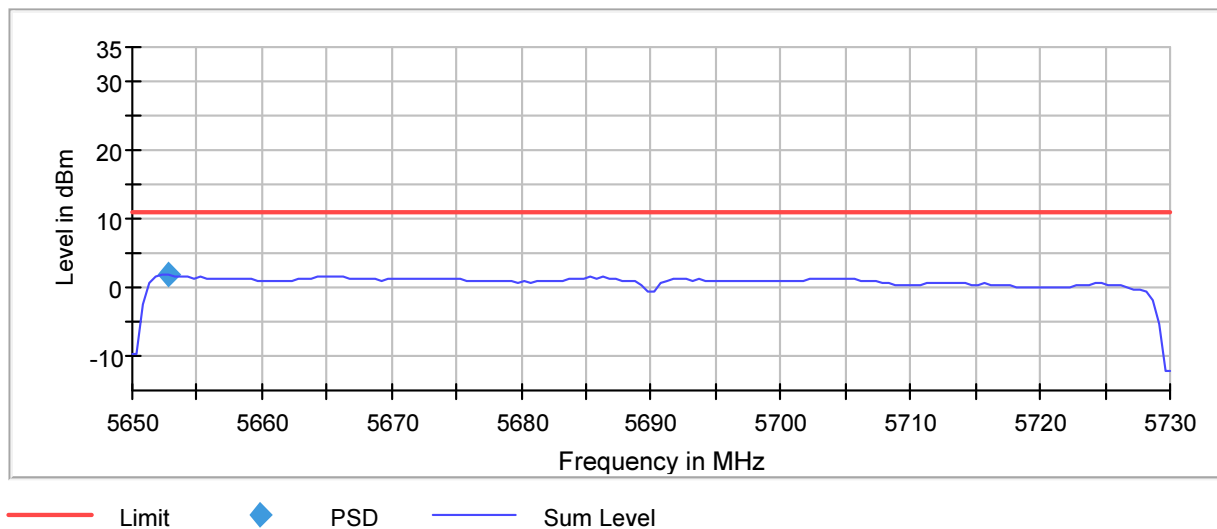
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5690MHz
Result	PSD = 1.77dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5690.000000	5652.750000	1.770	30.0	PASS

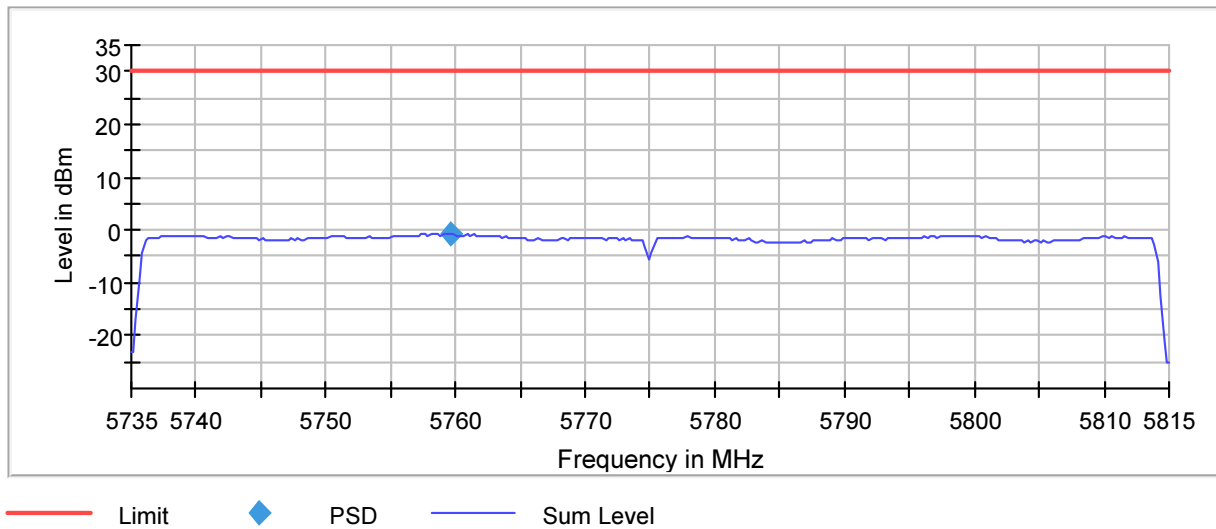
Power Spectral Density (SA-1)



Test Details	
Manufacturer	Righthand Technologies Inc
EUT	CABINLINK6 WAP
Model No.	CL6
Serial No.	CL6W100037
Mode	Tx – 802.11ax80 MCS11
Frequency Tested	5775MHz
Result	PSD = -0.794dBm
Test Date	8/25/2023 – 8/29/2023
Notes	None

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5775.000000	5759.625000	-0.794	30.0	PASS

Power Spectral Density (SA-1)



28. Scope of Accreditation



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELITE ELECTRONIC ENGINEERING, INC.
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Downers Grove, IL 60515
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Email: cfanning@elitetest.com
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Email: blugo@elitetest.com
Richard King (FCC/Commercial Team Leader) Phone: 630 495 9770 ext. 123
Email: reking@elitetest.com
Website: www.elitetest.com

ELECTRICAL

Valid To: June 30, 2025

Certificate Number: 1786.01

In recognition of the successful completion of the A2LA Accreditation Program evaluation process, accreditation is granted to this laboratory to perform the following automotive electromagnetic compatibility and other electrical tests:

Test Technology:

Test Method(s)¹:

Transient Immunity
(Max Voltage 60V/Max current 100A)

ISO 7637-2 (including emissions); ISO 7637-3;
ISO 16750-2:2012, Sections 4.6.3 and 4.6.4;
CS-11979, Section 6.4; CS.00054, Section 5.9;
EMC-CS-2009.1 (CI220); FMC1278 (CI220, CI221, CI222);
GMW 3097, Section 3.5; SAE J1113-11; SAE J1113-12;
ECE Regulation 10.06 Annex 10

Electrostatic Discharge (ESD)
(Up to +/-25kV)

ISO 10605 (2001, 2008);
CS-11979 Section 7.0; CS.00054, Section 5.10;
EMC-CS-2009.1 (CI 280); FMC1278 (CI280); SAE J1113-13;
GMW 3097 Section 3.6

Conducted Emissions

CISPR 25 (2002, 2008), Sections 6.2 and 6.3;
CISPR 25 (2016), Sections 6.3 and 6.4;
CS-11979, Section 5.1; CS.00054, Sections 5.6.1 and 5.6.2;
GMW 3097, Section 3.3.2;
EMC-CS-2009.1 (CE 420); FMC1278 (CE420, CE421,
CE 430, CE440)

(A2LA Cert. No. 1786.01) 08/15/2023



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5202 Presidents Court, Suite 220 | Frederick, MD 21703-8515 | Phone: 301 644 3248 | Fax: 240 454 9449 | www.A2LA.org

Test Technology:
Test Method(s)¹:

Radiated Emissions Anechoic
(Up to 6GHz)

CISPR 25 (2002, 2008), Section 6.4;
CISPR 25 (2016), Section 6.5;
CS-11979, Section 5.3; CS.00054, Section 5.6.3;
GMW 3097, Section 3.3.1;
EMC-CS-2009.1 (RE 310); FMC1278 (RE310, RE320);

Vehicle Radiated Emissions

CISPR 12; CISPR 36; ICES-002;
ECE Regulation 10.06 Annex 5

Bulk Current Injection (BCI)
(1 to 400MHz 500mA)

ISO 11452-4; CS-11979, Section 6.1; CS.00054, Section 5.8.1;
GMW 3097, Section 3.4.1; SAE J1113-4;
EMC-CS-2009.1 (RI112); FMC1278 (RI112);
ECE Regulation 10.06 Annex 9

Radiated Immunity Anechoic
(Up to 6GHz and 200V/m)
(Including Radar Pulse 600V/m)

ISO 11452-2;
CS-11979, Section 6.2; CS.00054, Section 5.8.2;
GMW 3097, Section 3.4.2;
EMC-CS-2009.1 (RI114); FMC1278 (RI114); SAE J1113-21;
ECE Regulation 10.06 Annex 9

Radiated Immunity Magnetic Field

ISO 11452-8; FMC 1278 (RI140)

Radiated Immunity Reverb
(360MHz to 6GHz and 100V/m)

ISO/IEC 61000-4-21; GMW 3097, Section 3.4.3;
EMC-CS-2009.1 (RI114); FMC1278 (RI114);
ISO 11452-11

Radiated Immunity
(Portable Transmitters)
(Up to 6GHz and 20W)

ISO 11452-9;
EMC-CS-2009.1 (RI115); FMC1278 (RI115);
GMW 3097, Sec 3.4.4

Vehicle Radiated Immunity (ALSE)

ISO 11451-2; ECE Regulation 10.06 Annex 6

Vehicle Product Specific EMC Standards

EN 14982; EN ISO 13309; ISO 13766; EN 50498;
EC Regulation No. 2015/208; EN 55012

Electrical Loads

ISO 16750-2

Stripline

ISO 11452-5

Transverse Electromagnetic (TEM) Cell

ISO 11452-3

Test Technology:
Test Method(s):
Emissions

Radiated and Conducted
(3m Semi-anechoic chamber,
up to 40 GHz)

47 CFR, FCC Part 15 B (using ANSI C63.4:2014);
47 CFR, FCC Part 18 (using FCC MP-5:1986);
ICES-001; ICES-003; ICES-005;
IEC/CISPR 11, Ed. 4.1 (2004-06); AS/NZS CISPR 11 (2004);
IEC/CISPR 11 Ed 5 (2009-05) + A1 (2010);
KN 11 (2008-5) with RRL Notice No. 2008-3 (May 20, 2008);
CISPR 11; EN 55011; KS C 9811; CNS 13803 (1997, 2003);
CISPR 14-1; EN 55014-1; AS/NZS CISPR 14.1;
CISPR 16-2-1 (2008); CISPR 16-2-1; KS C 9814-1; KN 14-1;
IEC/CISPR 22 (1997);
EN 55022 (1998) + A1(2000);
EN 55022 (1998) + A1(2000) + A2(2003); EN 55022 (2006);
IEC/CISPR 22 (2008-09); AS/NZS CISPR 22 (2004);
AS/NZS CISPR 22, 3rd Edition (2006); KN 22 (up to 6 GHz);
CNS 13438 (up to 6 GHz); VCCI V-3 (up to 6 GHz);
CISPR 32; EN 55032; KS C 9832; KN 32;
ECE Regulation 10.06 Annex 7 (Broadband);
ECE Regulation 10.06 Annex 8 (Narrowband);
ECE Regulation 10.06 Annex 14 (Conducted)

Cellular Radiated Spurious Emissions

ETSI TS 151 010-1 GSM; 3GPP TS 51.010-1, Sec 12;
ETSI TS 134 124 UMTS; 3GPP TS 34.124;
ETSI TS 136 124 LTE; E-UTRA; 3GPP TS 36.124

Current Harmonics

IEC 61000-3-2; IEC 61000-3-12;
EN 61000-3-2; KN 61000-3-2;
KS C 9610-3-2; ECE Regulation 10.06 Annex 11

Flicker and Fluctuations

IEC 61000-3-3; IEC 61000-3-11;
EN 61000-3-3; KN 61000-3-3;
KS C 9610-3-3; ECE Regulation 10.06 Annex 12

Immunity

Electrostatic Discharge

IEC 61000-4-2, Ed. 1.2 (2001);
IEC 61000-4-2 (1995) + A1(1998) + A2(2000);
EN 61000-4-2 (1995); EN 61000-4-2 (2009-05);
KN 61000-4-2 (2008-5);
RRL Notice No. 2008-4 (May 20, 2008);
IEC 61000-4-2; EN 61000-4-2; KN 61000-4-2;
KS C 9610-4-2; IEEE C37.90.3 2001

Radiated Immunity

IEC 61000-4-3 (1995) + A1(1998) + A2(2000);
IEC 61000-4-3, Ed. 3.0 (2006-02);
IEC 61000-4-3, Ed. 3.2 (2010);
KN 61000-4-3 (2008-5);
RRL Notice No. 2008-4 (May 20, 2008);
IEC 61000-4-3; EN 61000-4-3; KN 61000-4-3;
KS C 9610-4-3; IEEE C37.90.2 2004

Test Technology:
Test Method(s)¹:
Immunity (cont'd)

Electrical Fast Transient/Burst

IEC 61000-4-4, Ed. 2.0 (2004-07);
IEC 61000-4-4, Ed. 2.1 (2011);
IEC 61000-4-4 (1995) + A1(2000) + A2(2001);
KN 61000-4-4 (2008-5);
RRL Notice No. 2008-5 (May 20, 2008);
IEC 61000-4-4; EN 61000-4-4; KN 61000-4-4;
KS C 9610-4-4; ECE Regulation 10.06 Annex 15

Surge

IEC 61000-4-5 (1995) + A1(2000);
IEC 61000-4-5, Ed 1.1 (2005-11);
EN 61000-4-5 (1995) + A1(2001);
KN 61000-4-5 (2008-5);
RRL Notice No. 2008-4 (May 20, 2008);
IEC 61000-4-5; EN 61000-4-5; KN 61000-4-5;
KS C 9610-4-5;
IEEE C37.90.1 2012; IEEE STD C62.41.2 2002;
ECE Regulation 10.06 Annex 16

Conducted Immunity

IEC 61000-4-6 (1996) + A1(2000);
IEC 61000-4-6, Ed 2.0 (2006-05);
IEC 61000-4-6 Ed. 3.0 (2008);
KN 61000-4-6 (2008-5);
RRL Notice No. 2008-4 (May 20, 2008);
EN 61000-4-6 (1996) + A1(2001); IEC 61000-4-6;
EN 61000-4-6; KN 61000-4-6; KS C 9610-4-6

Power Frequency Magnetic Field
Immunity (*Down to 3 A/m*)

IEC 61000-4-8 (1993) + A1(2000); IEC 61000-4-8 (2009);
EN 61000-4-8 (1994) + A1(2000);
KN 61000-4-8 (2008-5);
RRL Notice No. 2008-4 (May 20, 2008);
IEC 61000-4-8; EN 61000-4-8; KN 61000-4-8; KS C 9610-4-8

Voltage Dips, Short Interrupts, and Line
Voltage Variations

IEC 61000-4-11, Ed. 2 (2004-03);
KN 61000-4-11 (2008-5);
RRL Notice No. 2008-4 (May 20, 2008);
IEC 61000-4-11; EN 61000-4-11; KN 61000-4-11;
KS C 9610-4-11

Ring Wave

IEC 61000-4-12, Ed. 2 (2006-09);
EN 61000-4-12:2006;
IEC 61000-4-12; EN 61000-4-12; KN 61000-4-12;
IEEE STD C62.41.2 2002

Test Technology:

Generic and Product Specific EMC Standards

Test Method(s)¹:

IEC/EN 61000-6-1; AS/NZS 61000-6-1; KN 61000-6-1;
KS C 9610-6-1; IEC/EN 61000-6-2; AS/NZS 61000-6-2;
KN 61000-6-2; KS C 9610-6-2; IEC/EN 61000-6-3;
AS/NZS 61000-6-3; KN 61000-6-3; KS C 9610-6-3;
IEC/EN 61000-6-4; AS/NZS 61000-6-4; KN 61000-6-4;
KS C 9610-6-4; EN 50130-4; EN 61326-1; EN 50121-3-2;
EN 12895; EN 50270; EN 50491-1; EN 50491-2; EN 50491-3;
EN 55015; EN 60730-1; EN 60945; IEC 60533;
EN 61326-2-6; EN 61800-3; IEC/CISPR 14-2; EN 55014-2;
AS/NZS CISPR 14-2; KN 14-2; KS C 9814-2;
IEC/CISPR 24; AS/NZS CISPR 24; EN 55024; KN 24;
IEC/CISPR 35; AS/NZS CISPR 35; EN 55035; KN 35;
KS C 9835; IEC 60601-1-2; JIS T0601-1-2

TxRx EMC Requirements

EN 301 489-1; EN 301 489-3; EN 301 489-9;
EN 301 489-17; EN 301 489-19; EN 301 489-20

European Radio Test Standards

ETSI EN 300 086-1; ETSI EN 300 086-2;
ETSI EN 300 113-1; ETSI EN 300 113-2;
ETSI EN 300 220-1; ETSI EN 300 220-2;
ETSI EN 300 220-3-1; ETSI EN 300 220-3-2;
ETSI EN 300 330-1; ETSI EN 300 330-2;
ETSI EN 300 440-1; ETSI EN 300 440-2;
ETSI EN 300 422-1; ETSI EN 300 422-2;
ETSI EN 300 328; ETSI EN 301 893;
ETSI EN 301 511; ETSI EN 301 908-1;
ETSI EN 908-2; ETSI EN 908-13;
ETSI EN 303 413; ETSI EN 302 502;
EN 303 340; EN 303 345-2; EN 303 345-3; EN 303 345-4

Canadian Radio Tests

RSS-102 measurement (RF Exposure Evaluation);
RSS-102 measurement (Nerve Stimulation);
SPR-002; RSS-111; RSS-112; RSS-117; RSS-119; RSS-123;
RSS-125; RSS-127; RSS-130; RSS-131; RSS-132; RSS-133;
RSS-134; RSS-135; RSS-137; RSS-139; RSS-140; RSS-141;
RSS-142; RSS-170; RSS-181; RSS-182; RSS-191; RSS-192;
RSS-194; RSS-195; RSS-196; RSS-197; RSS-199; RSS-210;
RSS-211; RSS-213; RSS-215; RSS-216; RSS-220; RSS-222;
RSS-236; RSS-238; RSS-243; RSS-244; RSS-247; RSS-248;
RSS-251; RSS-252; RSS-287; RSS-288; RSS-310; RSS-GEN

Mexico Radio Tests

IFT-008-2015; NOM-208-SCFI-2016

Japan Radio Tests

Radio Law No. 131, Ordinance of MPT No. 37, 1981,
MIC Notification No. 88:2004, Table No. 22-11;
ARIB STD-T66, Regulation 18

Taiwan Radio Tests

LP-0002 (July 15, 2020)

Test Technology:
Test Method(s)¹:

Australia/New Zealand Radio Tests

AS/NZS 4268; Radiocommunications (Short Range Devices) Standard (2014)

Hong Kong Radio Tests

HKCA 1039 Issue 6;
HKCA 1042;
HKCA 1033 Issue 7;
HKCA 1061;
HKCA 1008;
HKCA 1043;
HKCA 1057;
HKCA 1073

Korean Radio Test Standards

KN 301 489-1; KN 301 489-3; KN 301 489-9;
KN 301 489-17; KN 301 489-52; KS X 3124; KS X 3125;
KS X 3130; KS X 3126; KS X 3129

Vietnam Radio Test Standards

QCVN 47:2015/BTTTT; QCVN 54:2020/BTTTT;
QCVN 55:2011/BTTTT; QCVN 65:2013/BTTTT;
QCVN 73:2013/BTTTT; QCVN 74:2020/BTTTT;
QCVN 112:2017/BTTTT; QCVN 117:2020/BTTTT

Vietnam EMC Test Standards

QCVN 18:2014/BTTTT; QCVN 86:2019/BTTTT;
QCVN 96:2015/BTTTT; QCVN 118:2018/BTTTT

*Unlicensed Radio Frequency Devices
(3 Meter Semi-Anechoic Room)*

47 CFR FCC Part 15C, 15D, 15E, 15F, 15G, 15H
(using ANSI C63.10:2013, ANSI C63.17:2013 and
FCC KDB 905462 D02 (v02))

Licensed Radio Service Equipment

47 CFR FCC Parts 20, 22, 24, 25, 27, 30, 73, 74, 80, 87,
90, 95, 96, 97, 101 (using ANSI/TIA-603-E,
TIA-102.CAAA-E, ANSI C63.26:2015)

OIA (Over the Air) Performance

GSM, GPRS, EGPRS
UMTS (W-CDMA)
LTE including CAT M1
A-GPS for UMTS/GSM
LTS A-GPS, A-GLONASS,
SIB8/SIB16
Large Device/Laptop/Tablet Testing
Integrated Device Testing
WiFi 802.11 a/b/g/n/a

CTIA Test Plan for Wireless Device Over-the-Air
Performance (Method for Measurement for Radiated Power
and Receiver Performance) V3.8.2;
CTIA Test Plan for RF Performance Evaluation of WiFi
Mobile Converged Devices V2.1.0

Test Technology:
Test Method(s)¹:
Electrical Measurements and Simulation
AC Voltage / Current

(1mV to 5kV) 60 Hz
(0.1V to 250V) up to 500 MHz
(1μA to 150A) 60 Hz

FAA AC 150/5345-10H;
FAA AC 150/5345-43J;
FAA AC 150/5345-44K;
FAA AC 150/5345-46E;
FAA AC 150/5345-47C;
FAA EB 67D

DC Voltage / Current

(1mV to 15 kV) / (1μA to 10A)

Power Factor / Efficiency / Crest Factor
(Power to 30kW)

Resistance

(1mΩ to 4000MΩ)

Surge

(Up to 10 kV / 5 kA) (Combination
Wave and Ring Wave)

On the following products and materials:

Telecommunications Terminal Equipment (TTE), Radio Equipment, Network Equipment, Information Technology Equipment (ITE), Automotive Electronic Equipment, Automotive Hybrid Electronic Devices, Maritime Navigation and Radio Communication Equipment and Systems, Vehicles, Boats and Internal Combustion Engine Driven Devices, Automotive, Aviation, and General Lighting Products, Medical Electrical Equipment, Motors, Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment, Household Appliances, Electric Tools, Low-voltage Switchgear and Control gear, Programmable Controllers, Electrical Equipment for Measurement, Control and Laboratory Use, Base Materials, Power and Data Transmission Cables and Connectors

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - General Requirements - Accreditation of ISO-IEC 17025 Laboratories.

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1²

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
<u>Unintentional Radiators</u>		
Part 15B	ANSI C63.4:2014	40000
<u>Industrial, Scientific, and Medical Equipment</u>		
Part 18	FCC MP-5 (February 1986)	40000
<u>Intentional Radiators</u>		
Part 15C	ANSI C63.10:2013	40000

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1²

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
<u>Unlicensed Personal Communication Systems Devices</u>		
Part 15D	ANSI C63.17:2013	40000
<u>U-NII without DFS Intentional Radiators</u>		
Part 15E	ANSI C63.10:2013	40000
<u>U-NII with DFS Intentional Radiators</u>		
Part 15E	FCC KDB 905462 D02 (v02)	40000
<u>UWB Intentional Radiators</u>		
Part 15F	ANSI C63.10:2013	40000
<u>BPL Intentional Radiators</u>		
Part 15G	ANSI C63.10:2013	40000
<u>White Space Device Intentional Radiators</u>		
Part 15H	ANSI C63.10:2013	40000
<u>Commercial Mobile Services (FCC Licensed Radio Service Equipment)</u>		
Parts 22 (cellular), 24, 25 (below 3 GHz), and 27	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
<u>General Mobile Radio Services (FCC Licensed Radio Service Equipment)</u>		
Parts 22 (non-cellular), 90 (below 3 GHz), 95, 97, and 101 (below 3 GHz)	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
<u>Citizens Broadband Radio Services (FCC Licensed Radio Service Equipment)</u>		
Part 96	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
<u>Maritime and Aviation Radio Services</u>		
Parts 80 and 87	ANSI/TIA-603-E; ANSI C63.26:2015	40000
<u>Microwave and Millimeter Bands Radio Services</u>		
Parts 25, 30, 74, 90 (above 3 GHz), 97 (above 3 GHz), and 101	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000

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Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1²

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
<u>Broadcast Radio Services</u> Parts 73 and 74 (below 3 GHz)	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
<u>Signal Boosters</u> Part 20 (Wideband Consumer Signal Boosters, Provider-specific signal boosters, and Industrial Signal Boosters) Section 90.219	ANSI C63.26:2015	40000

² Accreditation does not imply acceptance to the FCC equipment authorization program. Please see the FCC website (<https://apps.fcc.gov/oetcf/eas/>) for a listing of FCC approved laboratories.



Accredited Laboratory

A2LA has accredited

ELITE ELECTRONIC ENGINEERING INC.

Downers Grove, IL

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 15th day of August 2023.



Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1786.01
Valid to June 30, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.