



AFC DUT TEST HARNESS REPORT

FCC ID : UDX-600200010

Equipment : Cisco Wireless 9178I Series Wi-Fi 7 Access Point

Brand Name : CISCO

Model Name : CW9178I

Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA

Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA

Standard : 47 CFR FCC Part 15.407

The product was received on Jan. 17, 2024, and testing was started from Apr. 22, 2024 and completed on Jul. 12, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in AFC Device (AFC DUT) Compliance Test Plan Version 1.5 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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Appendix A. Tools Report

Appendix B. DUT Spectrum Inquiry Request/Response Logs

Appendix C. RF Measurement Plots

Photographs of EUT v01



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_7 Ver1.0



Summary of Test Result

Report Clause	Ref Std. Clause	Test Case Name	Result (PASS /FAIL)	Remark
AFC capability - Inquired Frequency				
Test Group: Inquired Frequency - Always				
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1	PASS	For Meraki SW
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1	PASS	For Meraki SW
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1	PASS	For Meraki SW
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1	PASS	For Meraki SW
3.2	3.2.4	CT_AFC_SP_AP_AFCDUSA32_Frequency_10615_1	PASS	For Meraki SW
3.3	3.3.4	CT_AFC_SP_AP_AFCDSAU33_Frequency_10616_1	PASS	For Meraki SW
3.4	3.4.4	CT_AFC_SP_AP_AFCDUUAU34_Frequency_10617_1	PASS	For Meraki SW
AFC capability - Inquired Channel				
Test Group: Inquired Channel - Always				
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1	PASS	For Cisco SW
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1	PASS	For Cisco SW
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_80MHz_10620_1	PASS	For Cisco SW
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_160MHz_10621_1	PASS	For Cisco SW
3.2	3.2.4	CT_AFC_SP_AP_AFCDUSA32_Channel_10622_1	PASS	For Cisco SW
3.3	3.3.4	CT_AFC_SP_AP_AFCDSAU33_Channel_10623_1	PASS	For Cisco SW
3.4	3.4.4	CT_AFC_SP_AP_AFCDUUAU34_Channel_10624_1	PASS	For Cisco SW
AFC capability - Inquired Frequency & Channel				
Test Group: Inquired Frequency and Channel - Always				
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1	N/A	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1	N/A	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1	N/A	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1	N/A	-
3.2	3.2.4	CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1	N/A	-
3.3	3.3.4	CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1	N/A	-
3.4	3.4.4	CT_AFC_SP_AP_AFCDUUAU34_FrequencyChannel_10631_1	N/A	-
AFC capability - Server Validation – Mandatory				
Test Group: Server Validation - Always				
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1	PASS	-

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturee who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Cathy Chiu



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature of Equipment Under Test	
Power Type	From PoE
EUT Type	☒ Standard Power Access Point with Proxy ☐ Standard Power Access Point without Proxy ☐ Fixed Client with Proxy ☐ Fixed Client without Proxy
Bandwidth (MHz)	20 / 40 / 80 / 160 / 320
Condition of EUT	☒ Indoor ☐ Outdoor
Professional Installation	☒ Yes ☐ No

For Cisco SW:

Product Feature of Equipment Under Test	
Firmware Version	QC_IMAGE_VERSION_STRING=WLAN.WBE.1.1.r8-00069-QCAHKSWPL_SILIC
Software Version	17.15.20240313:220726
Hardware Version	V01
Proxy Firmware Version	17.15.20240313:220726
Proxy Software Version	17.15.20240313:220726
Proxy Hardware Version	01

For Meraki SW:

Product Feature of Equipment Under Test	
Firmware Version	31-1-202405082343-Ge2c1e1431893-L4b42aa0e271a-jenkins-mattjmck-baseball
Software Version	N/A
Hardware Version	meraki_CW78 000000000
Proxy Firmware Version	N/A
Proxy Software Version	r518345
Proxy Hardware Version	N/A

Note: The above information was declared by manufacturer.

1.2 Antenna Information

Ant.	Brand Name	Model Name	Antenna Type	Connector	Support Function	Gain (dBi)
1	WNC	95XEAK15.G98	PIFA	I-PEX	Radio 1 2.4GHz and Radio 2 5GHz UNII 1~2A	Note2
2	WNC	95XEAK15.G96	PCB	I-PEX	Radio 1 2.4GHz and Radio 2 5GHz UNII 1~2A	
3	WNC	95XEAK15.G97	PCB	I-PEX	Radio 1 2.4GHz and Radio 2 5GHz UNII 1~2A	
4	WNC	95XEAK15.G99	PIFA	I-PEX	Radio 1 2.4GHz and Radio 2 5GHz UNII 1~2A	
5	WNC	95XEAK15.GA3	PIFA	I-PEX	Radio 3 5GHz UNII 1~3	
6	WNC	95XEAK15.GA1	PCB	I-PEX	Radio 3 5GHz UNII 1~3	
7	WNC	95XEAK15.GA2	PCB	I-PEX	Radio 3 5GHz UNII 1~3	
8	WNC	95XEAK15.GA4	PIFA	I-PEX	Radio 3 5GHz UNII 1~3	
9	WNC	95XEAK15.GA7	PIFA	I-PEX	Radio 4 6GHz UNII 5~8	
10	WNC	95XEAK15.GA5	PCB	I-PEX	Radio 4 6GHz UNII 5~8	
11	WNC	95XEAK15.GA6	PCB	I-PEX	Radio 4 6GHz UNII 5~8	
12	WNC	95XEAK15.GA8	PIFA	I-PEX	Radio 4 6GHz UNII 5~8	
13	WNC	95XEAK15.GAB	PIFA	I-PEX	Radio 5 2.4GHz, 5GHz UNII 1~3 and 6GHz UNII 5~8	
14	WNC	95XEAK15.GAC	PIFA	I-PEX	Radio 5 2.4GHz, 5GHz UNII 1~3 and 6GHz UNII 5~8	
15	WNC	95XEAK15.GA9	PIFA	I-PEX	Radio 6 Bluetooth and Zigbee	
16	WNC	95XEAK15.GBM	PIFA	I-PEX	Radio 7 UWB	
17	WNC	95XEAK15.GBD	PCB	I-PEX	Radio 7 UWB	
18	WNC	95XEAK15.GAA	PIFA	I-PEX	Radio 8 GPS	



Ant.	Port															
	R1: WLAN 2.4GHz			R2: WLAN 5GHz UNII 1~2A			R3: WLAN 5GHz UNII 1~3			R4: WLAN 6GHz UNII 5~8			R5: WLAN 2.4GHz, WLAN 5GHz UNII 1~3, WLAN 6GHz UNII 5~8	R6: Bluetooth /Zigbee	R7: UWB	R8: GPS
	1TX	2TX	4TX	1TX	2TX	4TX	1TX	2TX	4TX	1TX	2TX	4TX	1TX	1TX	2TX	1RX
1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-
2	-	-	4	-	-	4	-	-	-	-	-	-	-	-	-	-
3	-	2	2	-	2	2	-	-	-	-	-	-	-	-	-	-
4	-	-	3	-	-	3	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-
6	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
11	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Note 1: R means Radio.



Note 2:

Ant.	Antenna Gain (dBi)								
	R1: WLAN 2.4GHz			R2: WLAN 5GHz UNII 1~2A					
				5.2G			5.3G		
1	2.85			3.51			3.24		
2	3.82			3.53			2.9		
3	3.85			3.93			3.85		
4	2.41			4.97			3.73		
Ant.	R3: WLAN 5GHz UNII 1~3								
	5.2G			5.3G		5.6G		5.785G	
5	3.19			2.63		3.54		3.53	
6	4.83			3.89		4.03		3.86	
7	4.73			3.86		4.54		3.48	
8	3.64			2.51		3.91		3.45	
Ant.	R4: WLAN 6GHz UNII 5~8								
	6.175G			6.475G		6.695G		6.995G	
9	4.69			3.74		4.57		5.38	
10	4.68			5.42		5.56		4.3	
11	4.77			4.82		4.67		4.42	
12	4.7			2.33		3.23		3.98	
Ant.	R5: WLAN 2.4GHz/5GHz UNII 1~3/WLAN 6GHz UNII 5~8								
	2.45G	5.2G	5.3G	5.6G	5.785G	6.175G	6.475G	6.695G	6.995G
13	2.17	2.74	3.39	4.78	3.51	3.96	4.67	4.31	4.8
14	1.83	5.46	4.17	6.68	6.06	5.1	4.49	4.37	4.7
Ant.	R6: Bluetooth/Zigbee								
15	2.91								
Ant.	R7: UWB								
16	6.3								
17	6.5								
Ant.	R8: GPS								
	1.16GHz~1.19GHz					1.56GHz~1.59GHz			
18	2.3					4.9			

Note 3:

Item	Directional Gain (dBi)								
	R1: WLAN 2.4GHz			R2: WLAN 5GHz UNII 1~2A					
				5.2G			5.3G		
2T1S	4.47			3.93			3.85		
2T2S	3.85			3.93			3.85		
4T1S	7.01			5.11			4.06		
4T2S	4.01			4.97			3.85		
4T4S	3.85			4.97			3.85		
Item	R3: WLAN 5GHz UNII 1~3 / R4: WLAN 6GHz UNII 5~8								
	5.2G	5.3G	5.6G	5.785G	6.175G	6.475G	6.695G	6.995G	
	2T1S	4.83	3.89	4.03	3.86	4.97	4.82	4.67	4.42
2T2S	4.83	3.89	4.03	3.86	4.77	4.82	4.67	4.42	
4T1S	6.96	5.69	6.34	5.28	6.14	6.09	6.02	5.46	
4T2S	4.83	3.89	4.54	3.86	4.77	5.42	5.56	5.38	
4T4S	4.83	3.89	4.54	3.86	4.77	5.42	5.56	5.38	

Note 4: The above information (excepting antenna gain of Radio 1~6) was declared by manufacturer.

Note 5: Radio 1~5: Maximum Directional Gain following KDB662911 D03.

**For WLAN 2.4GHz function (Radio 1):****For IEEE 802.11b/g/n/VHT/ax/be mode (1TX,2TX,4TX/4RX):**

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For WLAN 5GHz UNII 1~2A function (Radio 2):**For IEEE 802.11a/n/ac/ax/be mode (1TX,2TX,4TX/4RX):**

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For WLAN 5GHz UNII 1~3 function (Radio 3):**For IEEE 802.11a/n/ac/ax/be mode (1TX,2TX,4TX/4RX)**

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For WLAN 6GHz UNII 5~8 function (Radio 4):**For IEEE 802.11ax/be mode (1TX,2TX,4TX/4RX)**

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.



For Scanning Radio 5:

For WLAN 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax mode (1TX/2RX):

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2RX

Port 1 and Port 2 can be used as receiving antennas.

Port 1 and Port 2 could receive simultaneously.

For WLAN 5GHz UNII 1~3 function:

For IEEE 802.11a/n/ac/ax mode (1TX/2RX):

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2RX

Port 1 and Port 2 can be used as receiving antennas.

Port 1 and Port 2 could receive simultaneously.

For WLAN 6GHz UNII 5~8:

For IEEE 802.11ax mode (1TX/2RX):

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2RX

Port 1 and Port 2 can be used as receiving antennas.

Port 1 and Port 2 could receive simultaneously.

For Bluetooth/Zigbee function (Radio 6):

For Bluetooth/Zigbee mode (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

For UWB function (Radio 7):

For UWB mode (2TX/4RX):

For 2TX

Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For GPS function (Radio 8):

For GPS mode (1RX):

Only Port 1 can be used as receiving antenna.



1.3 Table for EUT Support Function

Function	Supports Band
AP	2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5~8, Bluetooth, Zigbee, UWB and GPS
Mesh	6GHz UNII 5~8

Note: The above information was declared by manufacturer.

1.4 Table for Multiple Listing

Equipment Name	Model Name	Software	Frequencies supported by 320MHz
Cisco Wireless 9178I Series Wi-Fi 7 Access Point	CW9178I	Cisco	6105, 6265, 6425, 6745 MHz
		Meraki	6105, 6265, 6425, 6585, 6745, 6905 MHz

Note: The above information was declared by manufacturer.

1.5 Table for Radio function

Function Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	Zigbee	UWB	GPS
1	V	-	-	-	-	-	-
2	-	V (UNII 1~2A)	-	-	-	-	-
3	-	V (UNII 2C~3/UNII 1~3)	-	-	-	-	-
4	-	-	V	-	-	-	-
5 (Scanning Radio)	V	V (UNII 1~3)	V	-	-	-	-
6	-	-	-	V	V	-	-
7	-	-	-	-	-	V	-
8	-	-	-	-	-	-	V

Note1: The above information was declared by manufacturer.

Note2: For WLAN 2.4GHz: The Radio 1 and Radio 5 can't operate at the same frequency.

For WLAN 5GHz: The Radio 2, 3, 5 can't operate at the same frequency.

For WLAN 6GHz: The Radio 4 and Radio 5 can't operate at the same frequency simultaneously.

1.6 Table for EUT Operation Function

Mode	Operation Function
1	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 2.4GHz+R6: Bluetooth+R7: UWB
2	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 5GHz+R6: Bluetooth+R7: UWB
3	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 6GHz+R6: Bluetooth+R7: UWB
4	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 2.4GHz+R6: Zigbee+R7: UWB
5	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 5GHz+R6: Zigbee+R7: UWB
6	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 6GHz+R6: Zigbee+R7: UWB

Note: The above information was declared by manufacturer.

1.7 Accessories

Accessories
Bracket 1*1
Bracket 2*1

1.8 Support Equipment

For Cisco SW:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	Intel	AX210NGW	PD9AX210NG
D	Notebook	DELL	E4300	N/A
E	Proxy	Cisco	C9800-L-C-K9	N/A



For Meraki SW:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	Intel	AX210NGW	PD9AX210NG
D	Notebook	DELL	E4300	N/A
E	PoE	PHIHONG	POE60U-1BT-X	N/A
F	Proxy	Cisco	Model 9800-L-C	N/A

1.9 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15.407

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ AFC Device (AFC DUT) Compliance Test Plan Version 1.5
- ♦ FCC KDB 987594 D05 v01r01

1.10 Testing Location

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
Test site Designation No. TW3787 with FCC.	
Conformity Assessment Body Identifier (CABID) TW3787 with ISED.	

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For Cisco SW)	TH01-CB	Jay Lo	24.3-25.2 / 51-62	Apr. 22, 2024~ Apr. 24, 2024
RF Conducted (For Meraki SW)	TH01-CB	Caster Chang	22.5~23.2 / 52~55	Jun. 21, 2024~ Jul. 12, 2024



2 Measurement Environment

Measurement Environment Information	
AFC DUT Test Harness version	2.0.65.148

2.1 AFCD General Capabilities Declaration

For Cisco SW:

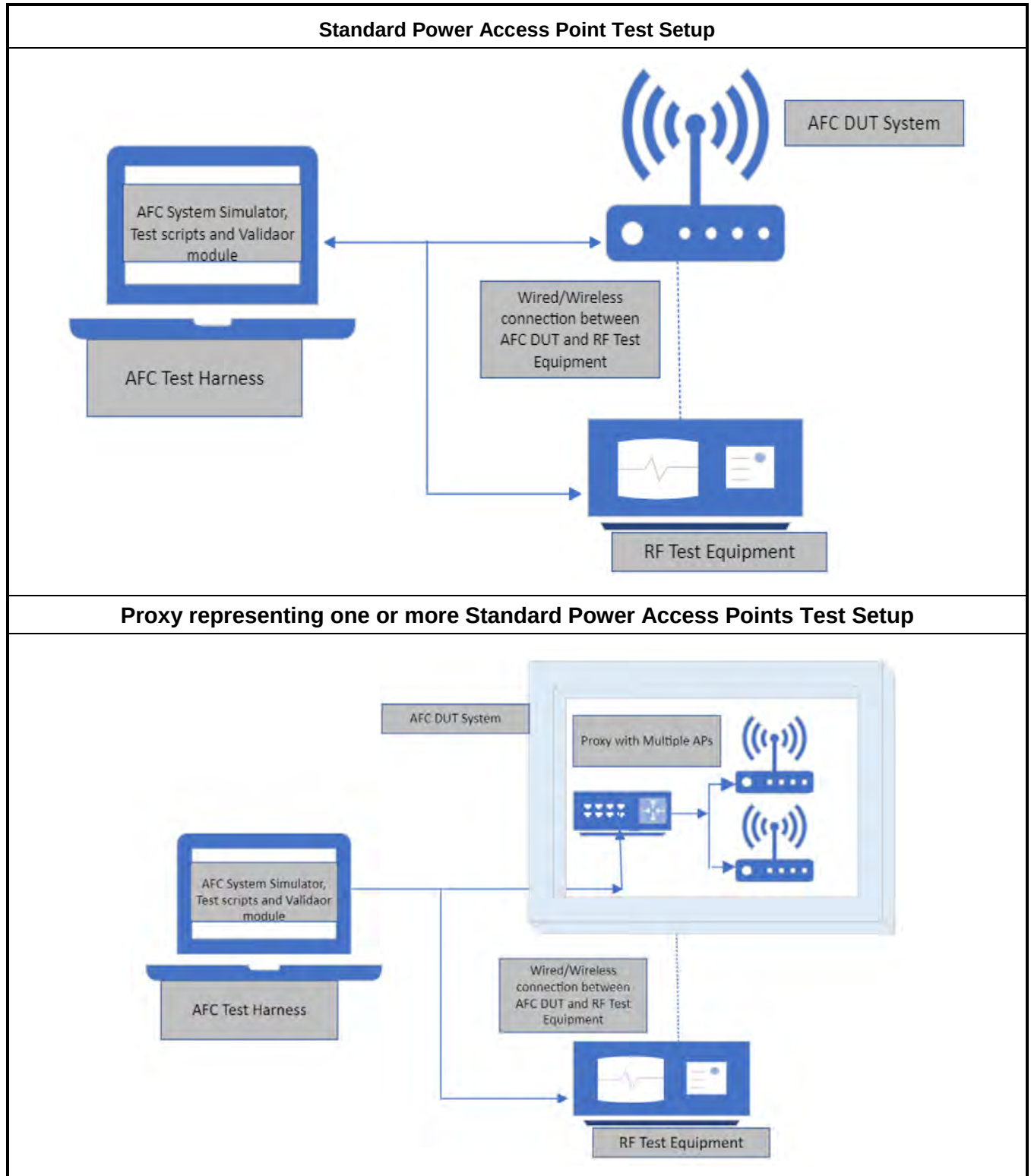
Item	Question	Vendor Response
1	AFC DUT Type	Standard Power AP with Proxy
2	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Frequency Range field?	No
3	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Channels fields?	Yes
4	If the Answer to Items 2 and 3 is "Yes", what is AFC DUT's default inquiry type?	-
5	Does the AFC DUT need to be supplied with BSS configuration parameters?	No
6	Does the AFC DUT manufacturer attest to AFC DUT compliance with rules for LPI operation?	Yes
7	Does the AFC DUT need to be supplied with mandatory registration information to formulate an Available Spectrum Inquiry Request	No
8	If the Answer to Item 7 is "Yes". What is the geographic Supported by the AFC DUT?	-
9	Does the AFC DUT supports 160 MHz channel width operation?	Yes
10	Which method does AFC DUT acting as a Fixed Client uses for sending an Available Spectrum Inquiry Request?	-

**For Meraki SW:**

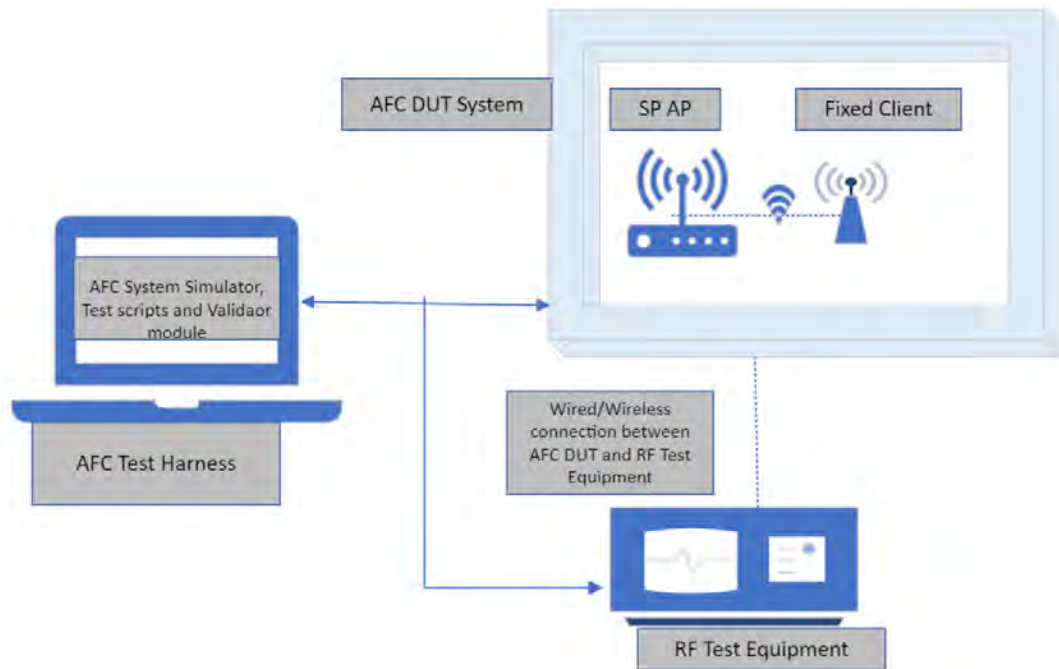
Item	Question	Vendor Response
1	AFC DUT Type	Standard Power AP with Proxy
2	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Frequency Range field?	Yes
3	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Channels fields?	No
4	If the Answer to Items 2 and 3 is "Yes", what is AFC DUT's default inquiry type?	-
5	Does the AFC DUT need to be supplied with BSS configuration parameters?	No
6	Does the AFC DUT manufacturer attest to AFC DUT compliance with rules for LPI operation?	Yes
7	Does the AFC DUT need to be supplied with mandatory registration information to formulate an Available Spectrum Inquiry Request	No
8	If the Answer to Item 7 is "Yes". What is the geographic Supported by the AFC DUT?	N/A
9	Does the AFC DUT supports 160 MHz channel width operation?	Yes
10	Which method does AFC DUT acting as a Fixed Client uses for sending an Available Spectrum Inquiry Request?	N/A

Note: The above information was declared by manufacturer.

2.2 Test Configuration



Fixed Client Device Test Setup





3 Protocol Test Results

3.1 Successful Registration and Spectrum Access Request

3.1.1 Test Procedure

Step	Description
1	If the AFC DUT is Standard Power Access Point, go to Step 2, else go to Step 12
2	AFC DUT set to Initial Pre-test State. If needed (see Table 5 declaration), configure the AFC DUT with BSS parameters per Table 9 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
3	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquired Frequency Range and/or the inquired Channels fields*.
4	AFC DUT Test Harness validates the presence of mandatory registration information
5	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
6	Throughout Step 1 to Step 4, RF Test Equipment monitors the output of the AFC DUT to confirm that the AFC DUT does not transmit: - In the band if the AFC DUT supports only SP operation Or - Above LPI limits for AFC DUT whose manufacturer attests to its compliance with rules for LPI operation Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: - For SP only operation, AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. - For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies.
7	Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
8	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*.
9	AFC DUT Test Harness validates the presence of mandatory registration information
10	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields which are significantly different from Step 5.
11	Wait for 5 minutes (configurable) RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: - For SP only operation, AFC DUT conforms to the conditions contained in the latest Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. - For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the latest Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies.
12	If the AFC DUT is Fixed Client, go to Step 13 else Stop the test
13	The AFC DUT set to Initial Pre-test State.
14	If needed (see Table 5 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of-band methods.
15	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*
16	AFC DUT Test Harness validates the presence of mandatory registration information
17	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.



18	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
19	Wait for 60 seconds
20	RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies
21	Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of-band methods
22	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*
23	AFC DUT Test Harness validates the presence of mandatory registration information
24	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields which are significantly different from Step 17.
25	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
	Wait for 60 seconds (configurable)
	RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the latest Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies

3.1.2 Test Result

Refer as Appendix A~C



3.2 Unsuccessful Spectrum Access Request

3.2.1 Test Procedure

Step	Description
1	If the AFC DUT is Standard Power Access Point, go to Step 2, else go to Step 7
2	AFC DUT set to Initial Pre-test State. If needed (see Table 5 declaration), configure the AFC DUT with BSS parameters per Table 9 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
3	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*.
4	AFC DUT Test Harness validates mandatory registration information.
5	AFC DUT Test Harness sends an Available Spectrum Inquiry Response indicating that no frequency ranges and/or channels are available.
6	Throughout Step 2 to Step 5 and subsequent to Step 5, RF Test Equipment monitors the output of the AFC DUT to confirm the following: • For SP only operation, AFC DUT does not transmit in the band. • For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits.
7	If the AFC DUT is Fixed Client, go to Step 8 else Stop the test
8	The AFC DUT set to Initial Pre-test State.
9	If needed (see Table 5 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID or IC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
10	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*.
11	AFC DUT Test Harness validates mandatory registration information.
12	AFC DUT Test Harness sends an Available Spectrum Inquiry Response indicating that no frequency ranges and/or channels are available using either In-band or Out-of-band methods.
13	If AFC DUT used Out-of-band method, initiate connection procedure between Fixed Client and SP Access Point by following instructions provided by the AFC DUT Vendor
13	Wait for 60 seconds RF Test Equipment monitors that the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel.

3.2.2 Test Result

Refer as Appendix A~C



3.3 Successful Spectrum Access Update

3.3.1 Test Procedure

Step	Description
1	If the AFC DUT is Standard Power Access Point, go to Step 2, else go to Step 12
2	AFC DUT set to Initial Pre-test State. If needed (see Table 5 declaration), configure the DUT with BSS parameters per Table 9 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
3	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*.
4	AFC DUT Harness validates mandatory registration information.
5	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
6	Throughout the preceding steps, RF Test Equipment monitors the output of the AFC DUT to confirm that the AFC DUT does not transmit: - In the band if the AFC DUT supports only SP operation Or - Above LPI limits for AFC DUT whose manufacturer attests to its compliance with rules for LPI operation Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: - For SP only operation, AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. - For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies.
7	AFC DUT is power cycled. If needed (see Table 5 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), new geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate.
8	Wait for 60 seconds If the AFC DUT does not send an Available Spectrum Inquiry Request, RF Test Equipment monitors the output of the AFC DUT to verify the following and STOP the test - For SP only operation, AFC DUT does not transmit in the band. - For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits. If the AFC DUT sends an Available Spectrum Inquiry Request, then CONTINUE with Step 9
9	AFC DUT Test Harness evaluates validity of mandatory registration information
10	AFC DUT Test Harness waits for 60 seconds before sending an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields which are significantly different from Step 5. - During the 60 seconds wait time: - For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, RF Test Equipment monitors the output of the AFC DUT to confirm that AFC DUT does not transmit above LPI threshold limits - For SP only operation, RF Test Equipment monitors the output of the AFC DUT to confirm that AFC DUT doesn't transmit in the band
11	Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: - For SP only operation, AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. - For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies.
12	If the AFC DUT is Fixed Client, go to Step 13 else Stop the test
13	The AFC DUT set to Initial Pre-test State.



14	If needed (see Table 5 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of- band methods.
15	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*
16	AFC DUT Test Harness validates the presence of mandatory registration information
17	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
18	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
19	Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies
20	AFC DUT is power cycled. If needed (see Table 5 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), new geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate
21	Wait for 60 seconds If the AFC DUT does not send an Available Spectrum Inquiry Request, RF Test Equipment monitors the output of the AFC DUT to verify the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel and STOP the test. If the AFC DUT sends an Available Spectrum Inquiry Request, then CONTINUE with Step 21
22	AFC DUT Test Harness evaluates validity of mandatory registration information
23	AFC DUT Test Harness waits for 60 seconds before sending an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields which are significantly different from step 17. During the 60 seconds wait time, RF Test Equipment monitors the output of the AFC DUT to confirm that the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel.
24	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
25	Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies

3.3.2 Test Result

Refer as Appendix A~C



3.4 Unsuccessful Spectrum Access Update

3.4.1 Test Procedure

Step	Description
1	If the AFC DUT is Standard Power Access Point, go to Step 2, else go to Step 12
2	AFC DUT set to Initial Pre-test State. If needed (see Table 5 declaration), configure the AFC DUT with BSS parameters per Table 9 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the DUT with AFC System URL and server root certificate. Trigger the DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of-band methods.
3	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields.
4	AFC DUT Test Harness validates mandatory registration information
5	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
6	Throughout the Step 2 to 5, RF Test Equipment monitors the output of the AFC DUT to confirm that the AFC DUT does not transmit: - In the band if the AFC DUT supports only SP operation Or - Above LPI limits for AFC DUT whose manufacturer attests to its compliance with rules for LPI operation Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: - For SP only operation, AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies
7	AFC DUT is power cycled. If needed (see Table 5 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), new geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate.
8	Wait for 60 seconds - If the AFC DUT does not send an Available Spectrum Inquiry Request, RF Test Equipment monitors the output of the DUT to verify the following and STOP the test: - For SP only operation, AFC DUT does not transmit in the band, - For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits. - If the AFC DUT sends an Available Spectrum Inquiry Request, then CONTINUE with Step 8
9	AFC DUT Test Harness evaluates validity of mandatory registration information.
10	AFC DUT Test Harness sends an Available Spectrum Inquiry Response indicating that no frequency ranges and/or channels are available.
11	Throughout Step 7 to 10 and subsequent to Step 10 Test Equipment monitors the output of the AFC DUT to confirm that: For SP only operation, AFC DUT does not transmit in the band. For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits.
12	If the AFC DUT is Fixed Client, go to Step 13 else Stop the test
13	The AFC DUT set to Initial Pre-test State.
14	If needed (see Table 5 declaration), configure the DUT with a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of- band methods.
15	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*
16	AFC DUT Test Harness validates the presence of mandatory registration information
17	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency



	ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
18	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
19	Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies
20	AFC DUT is power cycled. If needed (see Table 5 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID or IC ID), new geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate
21	Wait for 60 seconds If the AFC DUT does not send an Available Spectrum Inquiry Request, RF Test Equipment monitors that the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel., If the AFC DUT sends an Available Spectrum Inquiry Request, then CONTINUE with Step 22 else STOP the test
22	AFC DUT Test Harness evaluates validity of mandatory registration information.
23	AFC DUT Test Harness sends an Available Spectrum Inquiry Response indicating that no frequency ranges and/or channels are available.
24	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
25	Wait for 60 seconds RF Test Equipment monitors that the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel.

3.4.2 Test Result

Refer as Appendix A~C



3.5 Unsuccessful Server Validation

3.5.1 Test Procedure

Step	Description
1	The AFC DUT set to Initial Pre-test State. If needed (see Table 5 declaration), configure the AFC DUT with BSS parameters per Table 9 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT Test Harness with TLS configuration that is the same as the default configuration defined in Section 2.3.1 except for the following: - Run 1: A different server certificate (and private key) with SAN domain name entry "badafc.com" (i.e. that does not match AFC system URL's domain name); signed by the same root certificate as per Section 2.3.1 - Run 2: A different server certificate (and private key) where all attributes other than Public Key are the same as the server certificate per Section 2.3.1, but the certificate is signed by a different root certificate - Run 3: A different server certificate (and private key) with SAN domain name entry "wfatestorg.org" only (i.e. SAN domain name only matches suffix of AFC server's hostname); signed by the same root certificate as per Section 2.3.1 - Run 4: A different server certificate (and private key) where all attributes other than Public Key are the same as the server certificate per Section 2.3.1 signed by the same root certificate as per Section 2.3.1, but the server certificate is revoked as indicated in stapled OCSP response - Run 5: Same configuration as per Section 2.3.1, except OCSP stapling is disabled and CRL/OCSP servers are not available - Run 6: Same configuration as per Section 2.3.1, except stapled OCSP response has expired and CRL/OCSP servers are not available - Run 7: Same configuration as per Section 2.3.1, except only the TLS cipher suite "eNULL" (no encryption) is enabled - Run 8: N/A (same configuration as per Section 2.3.1) Configure the AFC DUT with the AFC System URL and the following root certificate: - Runs 1-7: Root certificate as per Section 2.3.1 - Run 8: No root certificate Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of-band methods.
2	AFC DUT Test Harness waits 10 seconds, and verifies no Available Spectrum Inquiry Request is sent to it.
3	Steps 1 and 2 are repeated for each of the remaining Runs

3.5.2 Test Result

Refer as Appendix A



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV03	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV02	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



5 Measurement Uncertainty

Test Items	Uncertainty	Remark
Conducted Emission	3.1 dB	Confidence levels of 95%

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP with Proxy
DUT Vendor Name	Cisco
DUT Product Model	CW9178I

Test Result

FCU Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULI_10638_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1(Unsuccessful server validation)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDUAU34_Channel_10624_1(Unsuccessful spectrum access update)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDUAU33_Channel_10623_1(Successful spectrum access update)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii)	CT_AFC_SP_AP_AFCDUSA32_Channel_10622_1(Unsuccessful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_Channel_160MHz_10621_1(Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_Channel_80MHz_10620_1(Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1(Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1(Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1 (Unsuccessful server validation)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_SP_AP_AFCDAU34_Channel_10624_1 (Unsuccessful spectrum access update)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (36.0 dBm EIRP) in Spectrum Reponse] on channel 5 bandwidth 20.	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

TestCaseName: CT_AFC_SP_AP_AFCDAU33_Channel_10623_1 (Successful spectrum access update)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION_1	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (22.412157132782966 dBm EIRP) in Spectrum Reponse] on channel 149 bandwidth 20.	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

TestCaseName: CT_AFC_SP_AP_AFCDSA32_Channel_10622_1 (Unsuccessful registration and spectrum access request)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE	AFC DUT conforms to the conditions in the Spectrum Inquiry Response	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDSA31_Channel_160MHz_10621_1 (Successful registration and spectrum access request)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (31.086269029373533 dBm EIRP) in Spectrum Reponse] on channel center frequency index 79 bandwidth 160.	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (30.057027727983794 dBm EIRP) in Spectrum Reponse] on channel center frequency index 47 bandwidth 160.	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDSA31_Channel_80MHz_10620_1 (Successful registration and spectrum access request)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS

AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (31.203597693385053 dBm EIRP) in Spectrum Reponse] on channel center frequency index 87 bandwidth 80.	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (31.067693830639165 dBm EIRP) in Spectrum Reponse] on channel center frequency index 135 bandwidth 80.	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1 (Successful registration and spectrum access request)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (30.297596902339556 dBm EIRP) in Spectrum Reponse] on channel center frequency index 131 bandwidth 40.	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (33.88559247915002 dBm EIRP) in Spectrum Reponse] on channel center frequency index 3 bandwidth 40.	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1 (Successful registration and spectrum access request)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS

AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (29.31833238097461 dBm EIRP) in Spectrum Reponse] on channel 85 bandwidth 20,	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (25.72960100872899 dBm EIRP) in Spectrum Reponse] on channel 5 bandwidth 20,	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Cisco
DUT Product Model	CW9178I

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1(Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1(Unsuccessful server validation)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDU34_Frequency_10617_1(Unsuccessful spectrum access update)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCD3433_Frequency_10616_1(Successful spectrum access update)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii)	CT_AFC_SP_AP_AFCDUSA32_Frequency_10615_1(Unsuccessful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1(Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1(Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1(Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1(Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1 (Unsuccessful server validation)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_SP_AP_AFCDAU34_Frequency_10617_1 (Unsuccessful spectrum access update)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (23 dBm/MHz PSD) in Spectrum Reponse] on channel 165 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in the Spectrum Inquiry Response	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDAU33_Frequency_10616_1 (Successful spectrum access update)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION_1	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration	true	PASS

	information		
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (18.9050709154448 dBm/MHz PSD) in Spectrum Response] on channel 37 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_SP_OPERATION_2	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (16.510887285078773 dBm/MHz PSD) in Spectrum Response] on channel 133 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCUSA32_Frequency_10615_1 (Unsuccessful registration and spectrum access request)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE	AFC DUT conforms to the conditions in the Spectrum Inquiry Response	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCRSA31_Frequency_160MHz_10614_1 (Successful registration and spectrum access request)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS

AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (10.494368469519536 dBm/MHz PSD) in Spectrum Reponse] on channel center frequency index 143 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (9.103868703040401 dBm/MHz PSD) in Spectrum Reponse] on channel center frequency index 47 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1 (Successful registration and spectrum access request)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (15.455109759860537 dBm/MHz PSD) in Spectrum Reponse] on channel center frequency index 23 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (10.138230619365359 dBm/MHz PSD) in Spectrum Reponse] on channel center	true	PASS

	frequency index 87 bandwidth 80.		
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (15.133773464728655 dBm/MHz PSD) in Spectrum Response] on channel center frequency index 19 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (12.944464947965116 dBm/MHz PSD) in Spectrum Response] on channel center frequency index 131 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS

AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (16.822487741176623 dBm/MHz PSD) in Spectrum Reponse] on channel 149 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (14.707216408671773 dBm/MHz PSD) in Spectrum Reponse] on channel 53 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC capability - Inquired Channel**CT_AFC_SP_AP_AFCRSA31_Channel_20MHz_10618_1**

2024-04-24T06:29:41Z

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      "elevation": {
        "height": 25,
        "heightType": "AGL",
        "verticalUncertainty": 5
      },
      "indoorDeployment": 1
    },
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
          89,
          93,
```




97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,
225,
229,
233
]
,

```
{
  "globalOperatingClass": 132,
  "channelCfi": [
    3,
    11,
    19,
    27,
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91,
    99,
    107,
    115,
    123,
    131,
    139,
    147,
    155,
    163,
    171,
    179,
    187,
    195,
    203,
    211,
    219,
    227
  ]
},
{
  "globalOperatingClass": 133,
  "channelCfi": [
```

```
        7,  
        23,  
        39,  
        55,  
        71,  
        87,  
        103,  
        119,  
        135,  
        151,  
        167,  
        183,  
        199,  
        215  
    ]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,  
        111,  
        143,  
        175,  
        207  
    ]  
},  
{  
    "globalOperatingClass": 137,  
    "channelCfi": [  
        31,  
        63  
    ]  
}  
],  
"vendorExtensions": [
```

```
{
  "extensionId": "APInfo",
  "parameters": {
    "version": "v1",
    "PID": "CW9178I",
    "countryCode": "US",
    "VID": "01"
  }
}
],
"vendorExtensions": [
  {
    "extensionId": "XEControllerInfo",
    "parameters": {
      "version": "v1",
      "extendedDebugEnable": "False",
      "chassisInfo": [
        {
          "role": "active",
          "PID": "C9800-L-C-K9",
          "SN": "FCL2649004F",
          "WLC-Version": "17.15.01"
        }
      ],
      "licenseInfo": {
        "licensingType": "air-dna-advantage",
        "count": 0,
        "lastRumAckReceived": "<none>",
        "countAPsRequiringAFC": 1
      }
    }
  }
]
}
```



2024-04-24T06:29:41Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157
          ],
          "globalOperatingClass": 131,
          "maxEirp": [
            24.694207259436396,
            34.32712577233049,
            26.540806153028246,
            26.312824071998183,
            21.821391343598645,
            29.31833238097461,
```



```
        22.30118217815695,
        22.409645296890474,
        33.139208301905114,
        22.61978658605888,
        30.31218520147843,
        27.936370407398368,
        31.726889357742756,
        22.25917622286535,
        29.2939221491471,
        24.316400032237564
    ]
},
{
    "channelCfi": [
        67,
        75,
        83,
        91,
        131,
        139,
        147,
        155
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        27.70450721607621,
        29.323124028637995,
        24.831691300238457,
        25.311482134796762,
        25.63008654269869,
        30.94667036403818,
        25.269476179505162,
        27.326699988877376
    ]
},
{
    "channelCfi": [
```

```
        71,
        87,
        135,
        151
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        30.714807172716014,
        27.841991256878266,
        28.640386499338504,
        28.279776136144967
    ]
},
{
    "channelCfi": [
        79,
        143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        30.852291213518082,
        31.290076092784787
    ]
}
],
"requestId": "17789456461393344513",
"availabilityExpireTime": "2024-04-25T06:29:41Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-04-24T06:38:41Z

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
```

```
"Accept": "*/*",
"Accept-Encoding": "deflate, gzip",
"Content-Type": "application/json",
"X-Forwarded-For": "192.100.100.254",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1797",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "17789456461393344514",
      "deviceDescriptor": {
        "serialNumber": "WNT280300AP",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.91889,
        "latitude": 37.416858
      },
      "majorAxis": 25,
      "minorAxis": 25,
      "orientation": 0.0
    },
    "elevation": {
      "height": 11,
      "heightType": "AGL",
      "verticalUncertainty": 5
    }
  }
}
```

```
    },  
    "indoorDeployment": 1  
  },  
  "inquiredChannels": [  
    {  
      "globalOperatingClass": 131,  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        97,  
        101,  
        105,  
        109,  
        113,  
        117,
```

```
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,
225,
229,
233
]
},
{
  "globalOperatingClass": 132,
  "channelCfi": [
    3,
    11,
    19,
```

```
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        83,  
        91,  
        99,  
        107,  
        115,  
        123,  
        131,  
        139,  
        147,  
        155,  
        163,  
        171,  
        179,  
        187,  
        195,  
        203,  
        211,  
        219,  
        227  
    ]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87,
```



```
        103,
        119,
        135,
        151,
        167,
        183,
        199,
        215
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        111,
        143,
        175,
        207
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"vendorExtensions": [
    {
        "extensionId": "APInfo",
        "parameters": {
            "version": "v1",
            "PID": "CW9178I",
            "countryCode": "US",
```

```
        "VID": "01"
      }
    }
  ]
}
],
"vendorExtensions": [
  {
    "extensionId": "XEControllerInfo",
    "parameters": {
      "version": "v1",
      "extendedDebugEnable": "False",
      "chassisInfo": [
        {
          "role": "active",
          "PID": "C9800-L-C-K9",
          "SN": "FCL2649004F",
          "WLC-Version": "17.15.01"
        }
      ],
      "licenseInfo": {
        "licensingType": "air-dna-advantage",
        "count": 0,
        "lastRumAckReceived": "<none>",
        "countAPsRequiringAFC": 1
      }
    }
  }
]
}
}
```

2024-04-24T06:38:41Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
```

```
"responseCode": 0,
"shortDescription": "SUCCESS"
},
"availableChannelInfo": [
{
  "channelCfi": [
    1,
    5,
    9,
    13,
    17,
    21,
    25,
    29,
    33,
    37,
    41,
    45,
    49,
    53,
    57,
    61
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    35.00975323834588,
    25.72960100872899,
    33.3835769860496,
    27.774455563620034,
    33.71167344357351,
    21.194442501607966,
    28.18147457962916,
    34.447826418090415,
    27.421287035301063,
    33.4341802881753,
    26.982477083451766,
    21.59419735037058,
```

```
        23.131327546581034,  
        33.72301186325697,  
        32.83079706381189,  
        28.75348803871511  
    ]  
},  
{  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        28.739900965368804,  
        30.784755520259846,  
        24.20474245824778,  
        31.191774536268973,  
        30.431586991940875,  
        24.604497307010394,  
        26.141627503220846,  
        31.76378799535492  
    ]  
},  
{  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55  
    ],  
    "globalOperatingClass": 133,
```

```
        "maxEirp": [
            31.750200922008617,
            27.215042414887588,
            27.614797263650203,
            29.15192745986066
        ]
    },
    {
        "channelCfi": [
            15,
            47
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.225342371527404,
            30.62509722029002
        ]
    }
],
"requestId": "17789456461393344514",
"availabilityExpireTime": "2024-04-25T06:38:41Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDSA31_Channel_40MHz_10619_1

2024-04-24T06:48:17Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Accept-Encoding": "deflate, gzip",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.100.100.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1797",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17789456461393344515",
        "deviceDescriptor": {
          "serialNumber": "WNT280300AP",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.91889,
          "latitude": 37.416858
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0.0
      }
    }
  }
}
```



```
    },
    "elevation": {
      "height": 25,
      "heightType": "AGL",
      "verticalUncertainty": 5
    },
    "indoorDeployment": 1
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        97,
```



```
101,  
105,  
109,  
113,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{
```

```
"globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179,  
    187,  
    195,  
    203,  
    211,  
    219,  
    227  
  ]  
,  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,
```

```
        23,
        39,
        55,
        71,
        87,
        103,
        119,
        135,
        151,
        167,
        183,
        199,
        215
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        111,
        143,
        175,
        207
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"vendorExtensions": [
    {
```

```
        "extensionId": "APInfo",
        "parameters": {
            "version": "v1",
            "PID": "CW9178I",
            "countryCode": "US",
            "VID": "01"
        }
    }
]
},
"vendorExtensions": [
    {
        "extensionId": "XEControllerInfo",
        "parameters": {
            "version": "v1",
            "extendedDebugEnable": "False",
            "chassisInfo": [
                {
                    "role": "active",
                    "PID": "C9800-L-C-K9",
                    "SN": "FCL2649004F",
                    "WLC-Version": "17.15.01"
                }
            ],
            "licenseInfo": {
                "licensingType": "air-dna-advantage",
                "count": 0,
                "lastRumAckReceived": "<none>",
                "countAPsRequiringAFC": 1
            }
        }
    }
]
}
}
```



2024-04-24T06:48:17Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157
          ],
          "globalOperatingClass": 131,
          "maxEirp": [
            30.340220554775257,
            27.287296945699744,
            30.43540702119692,
            24.235225373878393,
            30.966345093306437,
            25.687564545982603,
            32.33395887123159,
            32.35733925102584
          ]
        },
        {
          "channelCfi": [
            131,
            139,
            147,
```

```
        155
      ],
      "globalOperatingClass": 132,
      "maxEirp": [
        30.297596902339556,
        27.245525330518205,
        28.697864502622416,
        35.3442588278714
      ]
    },
    {
      "channelCfi": [
        135,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        30.255825287158014,
        31.708164459262225
      ]
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        33.26612524379783
      ]
    }
  ],
  "requestId": "17789456461393344515",
  "availabilityExpireTime": "2024-04-25T06:48:17Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}

],
"version": "1.4"
```



```
}

##### 2024-04-24T06:52:41Z #####

{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Accept-Encoding": "deflate, gzip",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.100.100.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1797",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17789456461393344516",
        "deviceDescriptor": {
          "serialNumber": "WNT280300AP",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "longitude": -121.91889,
              "latitude": 37.416858
            },
            "majorAxis": 25,
            "minorAxis": 25,

```

```
        "orientation": 0.0
      },
      "elevation": {
        "height": 11,
        "heightType": "AGL",
        "verticalUncertainty": 5
      },
      "indoorDeployment": 1
    },
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
          89,
          93,
```



97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,
225,
229,
233
]
,

```
{
  "globalOperatingClass": 132,
  "channelCfi": [
    3,
    11,
    19,
    27,
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91,
    99,
    107,
    115,
    123,
    131,
    139,
    147,
    155,
    163,
    171,
    179,
    187,
    195,
    203,
    211,
    219,
    227
  ]
},
{
  "globalOperatingClass": 133,
  "channelCfi": [
```

```
        7,
        23,
        39,
        55,
        71,
        87,
        103,
        119,
        135,
        151,
        167,
        183,
        199,
        215
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        111,
        143,
        175,
        207
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"vendorExtensions": [
```

```
{
  "extensionId": "APInfo",
  "parameters": {
    "version": "v1",
    "PID": "CW9178I",
    "countryCode": "US",
    "VID": "01"
  }
}
],
"vendorExtensions": [
  {
    "extensionId": "XEControllerInfo",
    "parameters": {
      "version": "v1",
      "extendedDebugEnable": "False",
      "chassisInfo": [
        {
          "role": "active",
          "PID": "C9800-L-C-K9",
          "SN": "FCL2649004F",
          "WLC-Version": "17.15.01"
        }
      ],
      "licenseInfo": {
        "licensingType": "air-dna-advantage",
        "count": 0,
        "lastRumAckReceived": "<none>",
        "countAPsRequiringAFC": 1
      }
    }
  }
]
}
```



2024-04-24T06:52:41Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93
          ],

```



```
"globalOperatingClass": 131,
"maxEirp": [
    30.875292522510204,
    33.47972319091638,
    32.71430613065233,
    32.12635635139615,
    25.70862653370332,
    28.93509832057989,
    24.350894817288392,
    23.717600102627998,
    24.852852314356653,
    29.964963007446244,
    24.443573349625012,
    33.75842136331611,
    22.180141336121515,
    31.998387244916202,
    28.869120918584684,
    33.93609232101307,
    21.831661016618042,
    33.408053363537825,
    27.288312159308422,
    33.65973870239952,
    30.358802214456354,
    22.530666037034123,
    33.87629195837066,
    29.26270333630424
]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        35,
        43,
        51,
```

```
59,
67,
75,
83,
91
],
"globalOperatingClass": 132,
"maxEirp": [
    33.88559247915002,
    35.13665630803596,
    28.718926490343133,
    26.72790005926781,
    27.863152270996466,
    27.453873306264825,
    25.190441292761328,
    31.879420875224497,
    24.841960973257855,
    30.298612115948234,
    25.540965993673936,
    32.273003292944054
]
},
{
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        36.0,
        29.73820001590762,
        30.464173262904637,
        28.200741249401137,
```

```
        27.85226092989766,  
        28.55126595031375  
    ],  
    },  
    {  
        "channelCfi": [  
            15,  
            47,  
            79  
        ],  
        "globalOperatingClass": 134,  
        "maxEirp": [  
            32.748499972547435,  
            31.211041206040953,  
            30.86256088653748  
        ]  
    }  
],  
    "requestId": "17789456461393344516",  
    "availabilityExpireTime": "2024-04-25T06:52:41Z",  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
    "version": "1.4"  
}
```



CT_AFC_SP_AP_AFCDSA31_Channel_80MHz_10620_1

2024-04-24T06:57:57Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Accept-Encoding": "deflate, gzip",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.100.100.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1797",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17789456461393344517",
        "deviceDescriptor": {
          "serialNumber": "WNT280300AP",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.91889,
          "latitude": 37.416858
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0.0
      }
    }
  }
}
```

```
    },
    "elevation": {
      "height": 25,
      "heightType": "AGL",
      "verticalUncertainty": 5
    },
    "indoorDeployment": 1
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        97,
```



```
101,  
105,  
109,  
113,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{
```

```
"globalOperatingClass": 132,  
"channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179,  
    187,  
    195,  
    203,  
    211,  
    219,  
    227  
]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,
```

```
        23,
        39,
        55,
        71,
        87,
        103,
        119,
        135,
        151,
        167,
        183,
        199,
        215
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        111,
        143,
        175,
        207
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"vendorExtensions": [
    {
```



```
        "extensionId": "APInfo",
        "parameters": {
            "version": "v1",
            "PID": "CW9178I",
            "countryCode": "US",
            "VID": "01"
        }
    }
]
},
"vendorExtensions": [
    {
        "extensionId": "XEControllerInfo",
        "parameters": {
            "version": "v1",
            "extendedDebugEnable": "False",
            "chassisInfo": [
                {
                    "role": "active",
                    "PID": "C9800-L-C-K9",
                    "SN": "FCL2649004F",
                    "WLC-Version": "17.15.01"
                }
            ],
            "licenseInfo": {
                "licensingType": "air-dna-advantage",
                "count": 0,
                "lastRumAckReceived": "<none>",
                "countAPsRequiringAFC": 1
            }
        }
    }
]
}
}
```



2024-04-24T06:57:57Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93
          ],
          "globalOperatingClass": 131,
```

```
"maxEirp": [  
    32.09945196210498,  
    28.98792202586573,  
    31.754941497331373,  
    28.147124543195225,  
    23.741917712243357,  
    34.411295068826774,  
    25.398663631618273,  
    22.393912575309255,  
    30.381648484271704,  
    30.759948344177857,  
    33.51966133185495,  
    29.009190899236692,  
    24.448205384845902,  
    25.692716454291492,  
    33.25583933374818,  
    31.166530771132052,  
    29.360108051003195,  
    22.859174188492673,  
    23.70025415977427,  
    21.180252609178584,  
    25.18299778010543,  
    30.776301694200242,  
    32.71082439351038,  
    27.17516510091324  
]  
},  
{  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,
```

```
        67,  
        75,  
        83,  
        91  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        31.99822198250554,  
        31.157424499835038,  
        26.75221766888317,  
        25.404212531949067,  
        33.39194844091152,  
        32.019490855876505,  
        27.458505341485715,  
        34.176830727771865,  
        25.869474145132486,  
        24.190552565818397,  
        28.193297736745244,  
        30.185465057553053  
    ]  
},  
{  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        34.16772445647484,  
        28.414512488588876,  
        35.02979081251631,  
        30.468805298125524,  
        27.200852522458206,
```

```
31.203597693385053
]
},
{
  "channelCfi": [
    15,
    47,
    79
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    31.424812445228692,
    33.479105254765344,
    30.211152479098022
  ]
}
],
"requestId": "17789456461393344517",
"availabilityExpireTime": "2024-04-25T06:57:57Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-04-24T07:05:01Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Accept-Encoding": "deflate, gzip",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.100.100.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1797",
    "Connection": "Keep-Alive"
  }
}
```

```
{,
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "17789456461393344518",
      "deviceDescriptor": {
        "serialNumber": "WNT280300AP",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.91889,
        "latitude": 37.416858
      },
      "majorAxis": 25,
      "minorAxis": 25,
      "orientation": 0.0
    },
    "elevation": {
      "height": 11,
      "heightType": "AGL",
      "verticalUncertainty": 5
    },
    "indoorDeployment": 1
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,

```



5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,

```
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,
```



```
        91,
        99,
        107,
        115,
        123,
        131,
        139,
        147,
        155,
        163,
        171,
        179,
        187,
        195,
        203,
        211,
        219,
        227
    ]
},
{
    "globalOperatingClass": 133,
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        103,
        119,
        135,
        151,
        167,
        183,
        199,
        215
    ]
}
```

```
    ]
  },
  {
    "globalOperatingClass": 134,
    "channelCfi": [
      15,
      47,
      79,
      111,
      143,
      175,
      207
    ]
  },
  {
    "globalOperatingClass": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"vendorExtensions": [
  {
    "extensionId": "APInfo",
    "parameters": {
      "version": "v1",
      "PID": "CW9178I",
      "countryCode": "US",
      "VID": "01"
    }
  }
]
},
"vendorExtensions": [
  {
```

```
"extensionId": "XEControllerInfo",
"parameters": {
  "version": "v1",
  "extendedDebugEnabled": "False",
  "chassisInfo": [
    {
      "role": "active",
      "PID": "C9800-L-C-K9",
      "SN": "FCL2649004F",
      "WLC-Version": "17.15.01"
    }
  ],
  "licenseInfo": {
    "licensingType": "air-dna-advantage",
    "count": 0,
    "lastRumAckReceived": "<none>",
    "countAPsRequiringAFC": 1
  }
}
}
```

2024-04-24T07:05:01Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            129,
            133,
```

```
        137,
        141,
        145,
        149,
        153,
        157
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
        25.047093917359543,
        34.23542066977349,
        27.12243420812007,
        26.724372931600662,
        27.449243108523728,
        32.06295496209532,
        24.058233438138092,
        25.59041342171904
    ]
},
{
    "channelCfi": [
        131,
        139,
        147,
        155
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        28.057393873999356,
        29.734672888240475,
        30.45954306516354,
        27.068533394777905
    ]
},
{
    "channelCfi": [
        135,
```

```
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        31.067693830639165,
        30.078833351417714
      ]
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        33.08913330805753
      ]
    }
  ],
  "requestId": "17789456461393344518",
  "availabilityExpireTime": "2024-04-25T07:05:01Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDRSA31_Channel_160MHz_10621_1

2024-04-24T07:46:41Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Accept-Encoding": "deflate, gzip",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.100.100.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1797",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17789456461394651137",
        "deviceDescriptor": {
          "serialNumber": "WNT280300AP",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.91889,
          "latitude": 37.416858
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0.0
      }
    }
  }
}
```

```
    },
    "elevation": {
      "height": 25,
      "heightType": "AGL",
      "verticalUncertainty": 5
    },
    "indoorDeployment": 1
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        97,
```



```
101,  
105,  
109,  
113,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{
```



```
"globalOperatingClass": 132,  
"channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179,  
    187,  
    195,  
    203,  
    211,  
    219,  
    227  
]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,
```

```
        23,
        39,
        55,
        71,
        87,
        103,
        119,
        135,
        151,
        167,
        183,
        199,
        215
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        111,
        143,
        175,
        207
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"vendorExtensions": [
    {
```

```
        "extensionId": "APInfo",
        "parameters": {
            "version": "v1",
            "PID": "CW9178I",
            "countryCode": "US",
            "VID": "01"
        }
    }
]
},
"vendorExtensions": [
    {
        "extensionId": "XEControllerInfo",
        "parameters": {
            "version": "v1",
            "extendedDebugEnable": "False",
            "chassisInfo": [
                {
                    "role": "active",
                    "PID": "C9800-L-C-K9",
                    "SN": "FCL2649004F",
                    "WLC-Version": "17.15.01"
                }
            ],
            "licenseInfo": {
                "licensingType": "air-dna-advantage",
                "count": 0,
                "lastRumAckReceived": "<none>",
                "countAPsRequiringAFC": 1
            }
        }
    }
]
}
}
```



2024-04-24T07:46:41Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157
          ],
          "globalOperatingClass": 131,

```

```
"maxEirp": [  
    24.690330865568725,  
    25.199697342434014,  
    22.37295567300067,  
    23.948921156852006,  
    32.55595116489965,  
    27.777486704253686,  
    22.945468332384614,  
    32.774182363713294,  
    27.148467608606808,  
    28.270796397241668,  
    25.427731357755484,  
    28.264599389860642,  
    29.998552672693236,  
    23.492252182281796,  
    30.44969522491408,  
    22.055369159454095,  
    28.810442119501054,  
    28.64724073667297,  
    25.49228151132722,  
    21.884047896115977,  
    29.82881825926411,  
    24.286670349811224,  
    22.116343472776904,  
    21.94360803338376  
]  
},  
{  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        67,  
        75,  
        83,  
        91,
```

```
        131,  
        139,  
        147,  
        155  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        27.700630822208538,  
        25.383255629640484,  
        30.7877866608935,  
        25.955768289024427,  
        30.15876756524662,  
        28.438031314395296,  
        26.502552138921608,  
        25.065669116093908,  
        31.657540693312782,  
        24.89434785275579,  
        27.296970306451037,  
        24.953907990023573  
    ]  
},  
{  
    "channelCfi": [  
        7,  
        23,  
        71,  
        87,  
        135,  
        151  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        28.393555586280293,  
        28.96606824566424,  
        31.448331271035105,  
        28.07596907273372,  
        27.9046478093956,
```

```
27.964207946663386
]
},
{
  "channelCfi": [
    15,
    79,
    143
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    31.40385554292011,
    31.086269029373533,
    30.914947766035414
  ]
}
],
"requestId": "17789456461394651137",
"availabilityExpireTime": "2024-04-25T07:46:41Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-04-24T07:50:49Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Accept-Encoding": "deflate, gzip",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.100.100.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1797",
    "Connection": "Keep-Alive"
  }
}
```

```
{,
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "17789456461394651138",
      "deviceDescriptor": {
        "serialNumber": "WNT280300AP",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.91889,
        "latitude": 37.416858
      },
      "majorAxis": 25,
      "minorAxis": 25,
      "orientation": 0.0
    },
    "elevation": {
      "height": 11,
      "heightType": "AGL",
      "verticalUncertainty": 5
    },
    "indoorDeployment": 1
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,

```




5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,

```
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,
```

```
        91,  
        99,  
        107,  
        115,  
        123,  
        131,  
        139,  
        147,  
        155,  
        163,  
        171,  
        179,  
        187,  
        195,  
        203,  
        211,  
        219,  
        227  
    ]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87,  
        103,  
        119,  
        135,  
        151,  
        167,  
        183,  
        199,  
        215
```

```
    ]
  },
  {
    "globalOperatingClass": 134,
    "channelCfi": [
      15,
      47,
      79,
      111,
      143,
      175,
      207
    ]
  },
  {
    "globalOperatingClass": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"vendorExtensions": [
  {
    "extensionId": "APInfo",
    "parameters": {
      "version": "v1",
      "PID": "CW9178I",
      "countryCode": "US",
      "VID": "01"
    }
  }
]
},
"vendorExtensions": [
  {
```

```
"extensionId": "XEControllerInfo",
"parameters": {
  "version": "v1",
  "extendedDebugEnable": "False",
  "chassisInfo": [
    {
      "role": "active",
      "PID": "C9800-L-C-K9",
      "SN": "FCL2649004F",
      "WLC-Version": "17.15.01"
    }
  ],
  "licenseInfo": {
    "licensingType": "air-dna-advantage",
    "count": 0,
    "lastRumAckReceived": "<none>",
    "countAPsRequiringAFC": 1
  }
}
}
```

2024-04-24T07:50:49Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            33,
            37,
```

```
        41,
        45,
        49,
        53,
        57,
        61
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
        29.732411039726326,
        33.58187842914134,
        33.71256094739698,
        33.877571378776544,
        21.026127858064356,
        22.641660873360618,
        29.69893326650967,
        25.729458304763803
    ]
},
{
    "channelCfi": [
        35,
        43,
        51,
        59
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        32.74271099636614,
        36.0,
        24.03642781470417,
        28.739758261403615
    ]
},
{
    "channelCfi": [
        39,
```

```
55
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        35.75301095300595,
        27.04672777134398
    ]
},
{
    "channelCfi": [
        47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        30.057027727983794
    ]
}
],
"requestId": "17789456461394651138",
"availabilityExpireTime": "2024-04-25T07:50:49Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDUSA32_Channel_10622_1

2024-04-24T08:07:37Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Accept-Encoding": "deflate, gzip",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.100.100.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1797",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17789456461395159809",
        "deviceDescriptor": {
          "serialNumber": "WNT280300AP",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.91889,
          "latitude": 37.416858
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0.0
      }
    }
  }
}
```



```
    },
    "elevation": {
      "height": 25,
      "heightType": "AGL",
      "verticalUncertainty": 5
    },
    "indoorDeployment": 1
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        97,
```



```
101,  
105,  
109,  
113,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{
```

```
"globalOperatingClass": 132,  
"channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179,  
    187,  
    195,  
    203,  
    211,  
    219,  
    227  
]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,
```

```
        23,
        39,
        55,
        71,
        87,
        103,
        119,
        135,
        151,
        167,
        183,
        199,
        215
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        111,
        143,
        175,
        207
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"vendorExtensions": [
    {
```

```
        "extensionId": "APInfo",
        "parameters": {
            "version": "v1",
            "PID": "CW9178I",
            "countryCode": "US",
            "VID": "01"
        }
    }
]
},
"vendorExtensions": [
    {
        "extensionId": "XEControllerInfo",
        "parameters": {
            "version": "v1",
            "extendedDebugEnable": "False",
            "chassisInfo": [
                {
                    "role": "active",
                    "PID": "C9800-L-C-K9",
                    "SN": "FCL2649004F",
                    "WLC-Version": "17.15.01"
                }
            ],
            "licenseInfo": {
                "licensingType": "air-dna-advantage",
                "count": 0,
                "lastRumAckReceived": "<none>",
                "countAPsRequiringAFC": 1
            }
        }
    }
]
}
}
```



```
##### 2024-04-24T08:07:37Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [],
      "requestId": "17789456461395159809",
      "availabilityExpireTime": "2024-04-25T08:07:37Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```



CT_AFC_SP_AP_AFCDSAU33_Channel_10623_1

2024-04-24T08:12:21Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Accept-Encoding": "deflate, gzip",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.100.100.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1797",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17789456461395159810",
        "deviceDescriptor": {
          "serialNumber": "WNT280300AP",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.91889,
          "latitude": 37.416858
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0.0
      }
    }
  }
}
```

```
    },
    "elevation": {
      "height": 11,
      "heightType": "AGL",
      "verticalUncertainty": 5
    },
    "indoorDeployment": 1
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        97,
```




```
101,  
105,  
109,  
113,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{
```

```
"globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179,  
    187,  
    195,  
    203,  
    211,  
    219,  
    227  
  ]  
,  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,
```

```
        23,
        39,
        55,
        71,
        87,
        103,
        119,
        135,
        151,
        167,
        183,
        199,
        215
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        111,
        143,
        175,
        207
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"vendorExtensions": [
    {
```

```
        "extensionId": "APInfo",
        "parameters": {
            "version": "v1",
            "PID": "CW9178I",
            "countryCode": "US",
            "VID": "01"
        }
    }
]
},
"vendorExtensions": [
    {
        "extensionId": "XEControllerInfo",
        "parameters": {
            "version": "v1",
            "extendedDebugEnable": "False",
            "chassisInfo": [
                {
                    "role": "active",
                    "PID": "C9800-L-C-K9",
                    "SN": "FCL2649004F",
                    "WLC-Version": "17.15.01"
                }
            ],
            "licenseInfo": {
                "licensingType": "air-dna-advantage",
                "count": 0,
                "lastRumAckReceived": "<none>",
                "countAPsRequiringAFC": 1
            }
        }
    }
]
}
}
```



2024-04-24T08:12:21Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157
          ],
          "globalOperatingClass": 131,
          "maxEirp": [
            33.16138975112262,
            25.633430391778262,
            30.80700180605771,
            31.7248874086359,
            29.676621013667045,
            22.412157132782966,
            23.703813474886488,
            31.002777380846187
          ]
        },
        {
          "channelCfi": [
            131,
            139,
            147,
```

```
        155
      ],
      "globalOperatingClass": 132,
      "maxEirp": [
        28.643730348418075,
        33.817301762697525,
        25.422457089422778,
        26.7141134315263
      ]
    },
    {
      "channelCfi": [
        135,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        31.654030305057887,
        28.43275704606259
      ]
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        31.443057002702403
      ]
    }
  ],
  "requestId": "17789456461395159810",
  "availabilityExpireTime": "2024-04-25T08:12:21Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
```



}



CT_AFC_SP_AP_AFCDUUAU34_Channel_10624_1

2024-04-24T08:27:05Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Accept-Encoding": "deflate, gzip",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.100.100.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1797",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17789456461395159811",
        "deviceDescriptor": {
          "serialNumber": "WNT280300AP",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.91889,
          "latitude": 37.416858
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0.0
      }
    }
  }
}
```



```
    },
    "elevation": {
      "height": 25,
      "heightType": "AGL",
      "verticalUncertainty": 5
    },
    "indoorDeployment": 1
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        97,
```



```
101,  
105,  
109,  
113,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{
```

```
"globalOperatingClass": 132,  
"channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179,  
    187,  
    195,  
    203,  
    211,  
    219,  
    227  
]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,
```

```
        23,
        39,
        55,
        71,
        87,
        103,
        119,
        135,
        151,
        167,
        183,
        199,
        215
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        111,
        143,
        175,
        207
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"vendorExtensions": [
    {
```

```
        "extensionId": "APInfo",
        "parameters": {
            "version": "v1",
            "PID": "CW9178I",
            "countryCode": "US",
            "VID": "01"
        }
    }
]
},
"vendorExtensions": [
    {
        "extensionId": "XEControllerInfo",
        "parameters": {
            "version": "v1",
            "extendedDebugEnable": "False",
            "chassisInfo": [
                {
                    "role": "active",
                    "PID": "C9800-L-C-K9",
                    "SN": "FCL2649004F",
                    "WLC-Version": "17.15.01"
                }
            ],
            "licenseInfo": {
                "licensingType": "air-dna-advantage",
                "count": 0,
                "lastRumAckReceived": "<none>",
                "countAPsRequiringAFC": 1
            }
        }
    }
]
}
}
```



2024-04-24T08:27:05Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
```



1,



]



]

 $\{$

7,

```
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0
    ]
},
{
    "channelCfi": [
        15,
        47,
        79,
        143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        36.0,
        36.0,
        36.0,
        36.0
    ]
}
}
```



```
    ],  
    "requestId": "17789456461395159811",  
    "availabilityExpireTime": "2024-04-25T08:27:05Z",  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
  }  
],  
  "version": "1.4"  
}
```

AFC capability - Inquired Frequency**CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1**

2024-06-21T21:53:35Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
              "longitude": -122
            },
            "majorAxis": 20,
            "minorAxis": 20,
```

```
        "orientation": 0
      },
      "elevation": {
        "height": 10.0,
        "heightType": "AGL",
        "verticalUncertainty": 10.0
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131
      }
    ],
    "vendorExtensions": [
      {
        "extensionId": "CiscoApInfo",
        "parameters": {
          "version": "1.4",
          "PID": "CW9178I"
        }
      }
    ]
  },
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
```

```
        "identity": 1003
      }
    }
  ]
}
}
```

2024-06-21T21:53:35Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 16.687761531093344
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 17.81291058711131
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 18.359164079491553
        }
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 9.733849065707277
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 21.639097925851154
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 14.636830615448963
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 19.326619901214443
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 10.76263111217282
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 8.070825075138998
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 13.720308838112015
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 10.126251893735404
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 9.14826420924421
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 15.92775878070607
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
```



```
    },
    "maxPsd": 16.822487741176623
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 9.638284001166669
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 10.025534122934864
  }
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-22T21:53:35Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-21T21:53:36Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "215592903584448",
      "deviceDescriptor": {
        "serialNumber": "Q5BA-BUXZ-RD3Z",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ]
}
```

```
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131
      }
    ],
    "vendorExtensions": [
      {
        "extensionId": "CiscoApInfo",
        "parameters": {
          "version": "1.4",
          "PID": "CW9178I"
        }
      }
    ]
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
```

2024-06-21T21:53:36Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      }
    }
  ]
}
```

```
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 16.687761531093344
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 17.81291058711131
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 18.359164079491553
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 9.733849065707277
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 21.639097925851154
  },
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 14.636830615448963
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 19.326619901214443
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 10.76263111217282
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 8.070825075138998
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 13.720308838112015
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 10.126251893735404
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 9.14826420924421
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 15.92775878070607
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 16.822487741176623
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 9.638284001166669
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
```

```
    },
    "maxPsd": 10.025534122934864
  }
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-22T21:53:36Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-21T21:59:49Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ]
  }
}
```

```
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
}
```



```
    }
  ]
}
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}

##### 2024-06-21T21:59:49Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 17.308778237837046
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 18.91145238372486
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 16.5024029443461
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 21.845221195056915
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 17.261524301241288
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 14.707216408671773
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 21.5879120226547
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 12.569762006282115
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.330652468783683
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 15.792142189631903
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 8.134309671192543
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 15.881102524241685
},
{
  "frequencyRange": {
```

```
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 20.520322615632253
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 12.420256254922446
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 12.915056616344232
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 11.74366972055232
    }
],
    "requestId": "215592903584448",
    "availabilityExpireTime": "2024-06-22T21:59:49Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-21T21:59:50Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "latitude": 38,
          "longitude": -122
        },
        "majorAxis": 20,
        "minorAxis": 20,
        "orientation": 0
      },
      "elevation": {
        "height": 10.0,

```

```
        "heightType": "AGL",
        "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    }
],
"vendorExtensions": [
    {
        "extensionId": "CiscoApInfo",
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
],
"vendorExtensions": [
    {
        "extensionId": "CiscoInfo",
        "parameters": {
            "version": "1.4",
            "source": "Cloud",
            "identity": 1003
        }
    }
]
]
```



```
}
}

##### 2024-06-21T21:59:50Z #####

{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 17.308778237837046
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 18.91145238372486
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
          },
          "maxPsd": 16.5024029443461
        },
        {
          "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 21.845221195056915
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 17.261524301241288
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 14.707216408671773
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 21.5879120226547
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 12.569762006282115
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 9.330652468783683
  }
```



```
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 15.792142189631903
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 8.134309671192543
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 15.881102524241685
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 20.520322615632253
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 12.420256254922446
},
{

```

```
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 12.915056616344232
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 11.74366972055232
    }
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-22T21:59:50Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDSA31_Frequency_40MHz_10612_1

2024-06-21T22:12:27Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
              "longitude": -122
            },
            "majorAxis": 20,
            "minorAxis": 20,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```

```
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
},
"vendorExtensions": [
  {
    "extensionId": "CiscolInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
```

```
}  
}  
]  
}  
}
```

2024-06-21T22:12:27Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 13.18154493931392  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 8.539892218973096  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 12.006335096609085  
        },  
        {  

```

```
"frequencyRange": {
  "highFrequency": 6025,
  "lowFrequency": 6005
},
"maxPsd": 11.98312813210098
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 15.133773464728655
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 18.003691867215316
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 8.778601087689538
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 12.245854170153535
}
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-22T22:12:27Z",
```

```
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}
```

2024-06-21T22:12:28Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
              "longitude": -122
            }
          }
        }
      }
    ]
  }
}
```

```
    },
    "majorAxis": 20,
    "minorAxis": 20,
    "orientation": 0
  },
  "elevation": {
    "height": 10.0,
    "heightType": "AGL",
    "verticalUncertainty": 10.0
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
    "parameters": {
      "version": "1.4",
      "PID": "CW9178I"
    }
  }
]
},
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
```



```
"parameters": {
  "version": "1.4",
  "source": "Cloud",
  "identity": 1003
}
}
]
}
}

##### 2024-06-21T22:12:28Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 13.18154493931392
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 8.539892218973096
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 12.006335096609085
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 11.98312813210098
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 15.133773464728655
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 18.003691867215316
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 8.778601087689538
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 12.245854170153535
  }
```

```
    }
  ],
  "requestId": "215592903584448",
  "availabilityExpireTime": "2024-06-22T22:12:28Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-21T22:19:45Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      ]
    },
  },
}
```

```
"location": {
  "ellipse": {
    "center": {
      "latitude": 38,
      "longitude": -122
    },
    "majorAxis": 20,
    "minorAxis": 20,
    "orientation": 0
  },
  "elevation": {
    "height": 10.0,
    "heightType": "AGL",
    "verticalUncertainty": 10.0
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
    "parameters": {
      "version": "1.4",
      "PID": "CW9178I"
    }
  }
]
```

```
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoInfo",
      "parameters": {
        "version": "1.4",
        "source": "Cloud",
        "identity": 1003
      }
    }
  ]
}

##### 2024-06-21T22:19:45Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 9.471638123287153
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 8.802757173023984
        }
      ]
    }
  ]
}
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 14.486022449716984
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 19.86319724335167
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 21.546952588762828
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 16.46394079836537
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 17.874325331665066
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6265,
  "lowFrequency": 6245
},
"maxPsd": 15.333799249045937
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 17.249009861929903
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 16.70493152745638
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 17.879440401462325
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 15.086576116277593
},
{
  "frequencyRange": {
    "highFrequency": 6365,
```

```
        "lowFrequency": 6345
      },
      "maxPsd": 12.978800870878388
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 14.798661782315902
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 10.329350486477175
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 20.12540471640805
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 12.944464947965116
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
    },
```



```
"maxPsd": 21.58214887591081
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 17.406256427506186
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 14.195141717523732
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 17.884507132383582
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 10.577715640271009
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 16.063602223879712
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 8.302178271245607
},
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-22T22:19:45Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-21T22:19:45Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {

```

```
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
        "id": "UDX-600200010"
    }
]
},
"location": {
    "ellipse": {
        "center": {
            "latitude": 38,
            "longitude": -122
        },
        "majorAxis": 20,
        "minorAxis": 20,
        "orientation": 0
    },
    "elevation": {
        "height": 10.0,
        "heightType": "AGL",
        "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    }
],
"vendorExtensions": [
    {
        "extensionId": "CiscoApInfo",
        "parameters": {
```

```
        "version": "1.4",
        "PID": "CW9178I"
    }
}
]
}
],
"vendorExtensions": [
    {
        "extensionId": "CiscoInfo",
        "parameters": {
            "version": "1.4",
            "source": "Cloud",
            "identity": 1003
        }
    }
]
}
}
```

2024-06-21T22:19:45Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 9.471638123287153
        },
        {

```

```
"frequencyRange": {
  "highFrequency": 6145,
  "lowFrequency": 6125
},
"maxPsd": 8.802757173023984
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 14.486022449716984
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 19.86319724335167
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 21.546952588762828
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 16.46394079836537
},
{
  "frequencyRange": {
    "highFrequency": 6245,
```

```
        "lowFrequency": 6225
      },
      "maxPsd": 17.874325331665066
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 15.333799249045937
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 17.249009861929903
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 16.70493152745638
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 17.879440401462325
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
    },
```

```
"maxPsd": 15.086576116277593
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 12.978800870878388
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 14.798661782315902
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 10.329350486477175
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 20.12540471640805
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 12.944464947965116
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 21.58214887591081
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 17.406256427506186
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 14.195141717523732
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 17.884507132383582
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 10.577715640271009
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 16.063602223879712
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 8.302178271245607
    }
  ],
  "requestId": "215592903584448",
  "availabilityExpireTime": "2024-06-22T22:19:45Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCRSA31_Frequency_80MHz_10613_1

2024-06-22T00:01:44Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
              "longitude": -122
            },
            "majorAxis": 20,
            "minorAxis": 20,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```

```
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
},
"vendorExtensions": [
  {
    "extensionId": "CiscolInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
```

```
}  
}  
]  
}  
}
```

2024-06-22T00:01:44Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 17.61460426383406  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 14.067907581325105  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 10.165709899992736  
        },  
        {  

```

```
"frequencyRange": {
  "highFrequency": 6025,
  "lowFrequency": 6005
},
"maxPsd": 18.465623865705695
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 16.75423671558895
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 17.3871420983659
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 15.455109759860537
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 19.589770791150073
},
{
  "frequencyRange": {
    "highFrequency": 6125,
```

```
        "lowFrequency": 6105
      },
      "maxPsd": 9.164094685229674
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 13.204763874933196
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 8.039470294146637
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 20.868501314021536
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 14.046409980369322
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
    },
```

```
"maxPsd": 11.429363452825697
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 12.164757193209411
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 12.326081789499012
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 21.154767437209912
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 13.08285182725081
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 16.119421194395386
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 14.18074539264028
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 8.994904579988871
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 9.12565523087395
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 16.62940775575781
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 19.034348695994556
}
],
"requestId": "215592903584448",
```



```
"availabilityExpireTime": "2024-06-23T00:01:44Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T00:01:45Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
```

```
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
},
],
"vendorExtensions": [
  {
```

```
"extensionId": "CiscoInfo",
"parameters": {
  "version": "1.4",
  "source": "Cloud",
  "identity": 1003
}
}
]
}
}
```

2024-06-22T00:01:45Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 17.61460426383406
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 14.067907581325105
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```

```
        "lowFrequency": 5985
      },
      "maxPsd": 10.165709899992736
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 18.465623865705695
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 16.75423671558895
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 17.3871420983659
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 15.455109759860537
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
```

```
"maxPsd": 19.589770791150073
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 9.164094685229674
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 13.204763874933196
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 8.039470294146637
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 20.868501314021536
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 14.046409980369322
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 11.429363452825697
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 12.164757193209411
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 12.326081789499012
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 21.154767437209912
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 13.08285182725081
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 16.119421194395386
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 14.18074539264028
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 8.994904579988871
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 9.12565523087395
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 16.62940775575781
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
```

```
    },
    "maxPsd": 19.034348695994556
  }
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T00:01:45Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T00:07:24Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ]
  }
}
```



```
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
}
```

```
    }
  ]
}
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}

##### 2024-06-22T00:07:25Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
          },
          "maxPsd": 17.611888750703585
        },
        {
          "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 13.402064240468924
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 19.946382122318994
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 21.807321700069974
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 18.069764908254648
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 14.52125796370147
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 15.79937162966921
  }
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 10.138230619365359
    }
  ],
  "requestId": "215592903584448",
  "availabilityExpireTime": "2024-06-23T00:07:25Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T00:07:25Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
```

```
{
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
  "id": "UDX-600200010"
}
],
"location": {
  "ellipse": {
    "center": {
      "latitude": 38,
      "longitude": -122
    },
    "majorAxis": 20,
    "minorAxis": 20,
    "orientation": 0
  },
  "elevation": {
    "height": 10.0,
    "heightType": "AGL",
    "verticalUncertainty": 10.0
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
```

```
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
"vendorExtensions": [
    {
        "extensionId": "CiscoInfo",
        "parameters": {
            "version": "1.4",
            "source": "Cloud",
            "identity": 1003
        }
    }
]
}
}
```

2024-06-22T00:07:25Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
          },
          "maxPsd": 17.611888750703585
        }
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 13.402064240468924
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 19.946382122318994
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 21.807321700069974
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 18.069764908254648
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 14.52125796370147
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 15.79937162966921
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 10.138230619365359
    }
  ],
  "requestId": "215592903584448",
  "availabilityExpireTime": "2024-06-23T00:07:25Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T00:15:49Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
```



```
{
  "requestId": "215592903584448",
  "deviceDescriptor": {
    "serialNumber": "Q5BA-BUXZ-RD3Z",
    "certificationId": [
      {
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
        "id": "UDX-600200010"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ]
}
```

```
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
}
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}
```

2024-06-22T00:15:49Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
```

```
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 17.611888750703585
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 13.402064240468924
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 19.946382122318994
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 21.807321700069974
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 18.069764908254648
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
```

```
    },
    "maxPsd": 14.52125796370147
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 15.79937162966921
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 10.138230619365359
  }
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T00:15:49Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T00:15:49Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "215592903584448",
      "deviceDescriptor": {
        "serialNumber": "Q5BA-BUXZ-RD3Z",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ]
}
```

```
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131
      }
    ],
    "vendorExtensions": [
      {
        "extensionId": "CiscoApInfo",
        "parameters": {
          "version": "1.4",
          "PID": "CW9178I"
        }
      }
    ]
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
```

2024-06-22T00:15:49Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      }
    }
  ]
}
```

```
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 17.611888750703585
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 13.402064240468924
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 19.946382122318994
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 21.807321700069974
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 18.069764908254648
  },
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 14.52125796370147
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 15.79937162966921
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 10.138230619365359
}
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T00:15:49Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```




CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1

2024-06-22T00:36:33Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
              "longitude": -122
            },
            "majorAxis": 20,
            "minorAxis": 20,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```

```
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
},
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
```

```
    }
  }
]
}
}

##### 2024-06-22T00:36:33Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 20.35032774511849
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 15.455863166522022
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 15.385750403646876
        },
        {

```

```
"frequencyRange": {
  "highFrequency": 6025,
  "lowFrequency": 6005
},
"maxPsd": 17.442585873809684
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 14.149093885427375
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 21.219855159785972
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 11.36090690220379
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 9.621274180146644
},
{
  "frequencyRange": {
    "highFrequency": 6605,
```

```
        "lowFrequency": 6585
      },
      "maxPsd": 19.678381499576297
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 21.881561202638423
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 18.705913659446683
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 10.494368469519536
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 18.47346798813365
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
    },
```

```
        "maxPsd": 21.312526669783868
      },
      {
        "frequencyRange": {
          "highFrequency": 6725,
          "lowFrequency": 6705
        },
        "maxPsd": 17.225868978854677
      },
      {
        "frequencyRange": {
          "highFrequency": 6745,
          "lowFrequency": 6725
        },
        "maxPsd": 17.636707517058944
      }
    ],
    "requestId": "215592903584448",
    "availabilityExpireTime": "2024-06-23T00:36:33Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

2024-06-22T00:36:34Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },

```

```
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "215592903584448",
      "deviceDescriptor": {
        "serialNumber": "Q5BA-BUXZ-RD3Z",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "latitude": 38,
            "longitude": -122
          },
          "majorAxis": 20,
          "minorAxis": 20,
          "orientation": 0
        },
        "elevation": {
          "height": 10.0,
          "heightType": "AGL",
          "verticalUncertainty": 10.0
        },
        "indoorDeployment": 1
      },
      "inquiredFrequencyRange": [
        {
          "lowFrequency": 5945,
          "highFrequency": 6875
        }
      ],
    }
  ]
}
```

```
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
    "parameters": {
      "version": "1.4",
      "PID": "CW9178I"
    }
  }
]
},
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}
```

2024-06-22T00:36:34Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
    }
  ]
}
```



```
"availableFrequencyInfo": [  
  {  
    "frequencyRange": {  
      "highFrequency": 5965,  
      "lowFrequency": 5945  
    },  
    "maxPsd": 20.35032774511849  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 5985,  
      "lowFrequency": 5965  
    },  
    "maxPsd": 15.455863166522022  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6005,  
      "lowFrequency": 5985  
    },  
    "maxPsd": 15.385750403646876  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6025,  
      "lowFrequency": 6005  
    },  
    "maxPsd": 17.442585873809684  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6045,  
      "lowFrequency": 6025  
    },  
    "maxPsd": 14.149093885427375  
  },  
  {  

```

```
"frequencyRange": {
  "highFrequency": 6065,
  "lowFrequency": 6045
},
"maxPsd": 21.219855159785972
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 11.36090690220379
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 9.621274180146644
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 19.678381499576297
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 21.881561202638423
},
{
  "frequencyRange": {
    "highFrequency": 6645,
```

```
        "lowFrequency": 6625
      },
      "maxPsd": 18.705913659446683
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 10.494368469519536
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 18.47346798813365
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 21.312526669783868
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 17.225868978854677
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
    },
```

```
        "maxPsd": 17.636707517058944
      }
    ],
    "requestId": "215592903584448",
    "availabilityExpireTime": "2024-06-23T00:36:34Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

2024-06-22T00:41:45Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ]
  }
}
```

```
},
"location": {
  "ellipse": {
    "center": {
      "latitude": 38,
      "longitude": -122
    },
    "majorAxis": 20,
    "minorAxis": 20,
    "orientation": 0
  },
  "elevation": {
    "height": 10.0,
    "heightType": "AGL",
    "verticalUncertainty": 10.0
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
    "parameters": {
      "version": "1.4",
      "PID": "CW9178I"
    }
  }
]
```

```
    ]
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}

##### 2024-06-22T00:41:45Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 16.660133704266073
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },

```

```
"maxPsd": 21.053398827518258
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 9.837198094251892
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 13.226399130825396
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 9.103868703040401
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 11.032680247398982
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 19.386890274808405
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 14.185742287207184
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 8.110446209528689
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 17.789635785447835
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 17.015029032627666
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 10.314762474111479
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 16.341320787976255
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 13.361695349338419
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 11.752895217888316
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 14.5876240153652
}
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T00:41:45Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2024-06-22T00:41:46Z #####
{
```

```
"headers": {
  "Host": "testserver.wfatestorg.org",
  "Accept": "*/*",
  "Content-Type": "application/json",
  "X-Forwarded-For": "158.115.159.133",
  "X-Forwarded-Host": "testserver.wfatestorg.org",
  "X-Forwarded-Server": "testserver.wfatestorg.org",
  "Content-Length": "763",
  "Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "215592903584448",
      "deviceDescriptor": {
        "serialNumber": "Q5BA-BUXZ-RD3Z",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "latitude": 38,
            "longitude": -122
          },
          "majorAxis": 20,
          "minorAxis": 20,
          "orientation": 0
        },
        "elevation": {
          "height": 10.0,
          "heightType": "AGL",
```

```
        "verticalUncertainty": 10.0
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131
      }
    ],
    "vendorExtensions": [
      {
        "extensionId": "CiscoApInfo",
        "parameters": {
          "version": "1.4",
          "PID": "CW9178I"
        }
      }
    ]
  },
  "vendorExtensions": [
    {
      "extensionId": "CiscoInfo",
      "parameters": {
        "version": "1.4",
        "source": "Cloud",
        "identity": 1003
      }
    }
  ]
}
```



```
}

##### 2024-06-22T00:41:46Z #####

{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 16.660133704266073
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 21.053398827518258
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
          },
          "maxPsd": 9.837198094251892
        },
        {
          "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
          },

```

```
"maxPsd": 13.226399130825396
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 9.103868703040401
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 11.032680247398982
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 19.386890274808405
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 14.185742287207184
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 8.110446209528689
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 17.789635785447835
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 17.015029032627666
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 10.314762474111479
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 16.341320787976255
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 13.361695349338419
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 11.752895217888316
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 14.5876240153652
    }
  ],
  "requestId": "215592903584448",
  "availabilityExpireTime": "2024-06-23T00:41:46Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDUSA32_Frequency_10615_1

2024-06-22T00:54:09Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
              "longitude": -122
            },
            "majorAxis": 20,
            "minorAxis": 20,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```



```
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
},
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
```



```
    }
  }
]
}
}

##### 2024-06-22T00:54:09Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T00:54:09Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

##### 2024-06-22T00:54:10Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
```

```
"availableSpectrumInquiryRequests": [  
  {  
    "requestId": "215592903584448",  
    "deviceDescriptor": {  
      "serialNumber": "Q5BA-BUXZ-RD3Z",  
      "certificationId": [  
        {  
          "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
          "id": "UDX-600200010"  
        }  
      ]  
    },  
    "location": {  
      "ellipse": {  
        "center": {  
          "latitude": 38,  
          "longitude": -122  
        },  
        "majorAxis": 20,  
        "minorAxis": 20,  
        "orientation": 0  
      },  
      "elevation": {  
        "height": 10.0,  
        "heightType": "AGL",  
        "verticalUncertainty": 10.0  
      },  
      "indoorDeployment": 1  
    },  
    "inquiredFrequencyRange": [  
      {  
        "lowFrequency": 5945,  
        "highFrequency": 6875  
      }  
    ],  
    "inquiredChannels": [  
      {
```

```
        "globalOperatingClass": 131
      }
    ],
    "vendorExtensions": [
      {
        "extensionId": "CiscoApInfo",
        "parameters": {
          "version": "1.4",
          "PID": "CW9178I"
        }
      }
    ]
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}
```

2024-06-22T00:54:10Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
    }
  ]
}
```

```
"availabilityExpireTime": "2024-06-23T00:54:10Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T00:54:25Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
```

```
        "latitude": 38,
        "longitude": -122
    },
    "majorAxis": 20,
    "minorAxis": 20,
    "orientation": 0
},
"elevation": {
    "height": 10.0,
    "heightType": "AGL",
    "verticalUncertainty": 10.0
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    }
],
"vendorExtensions": [
    {
        "extensionId": "CiscoApInfo",
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
"vendorExtensions": [
```

```
{
  "extensionId": "CiscoInfo",
  "parameters": {
    "version": "1.4",
    "source": "Cloud",
    "identity": 1003
  }
}
```

2024-06-22T00:54:25Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T00:54:25Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2024-06-22T00:54:26Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
```

```
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "763",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "215592903584448",
      "deviceDescriptor": {
        "serialNumber": "Q5BA-BUXZ-RD3Z",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
```



```
        "lowFrequency": 5945,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131
      }
    ],
    "vendorExtensions": [
      {
        "extensionId": "CiscoApInfo",
        "parameters": {
          "version": "1.4",
          "PID": "CW9178I"
        }
      }
    ]
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}
```

2024-06-22T00:54:26Z

```
{
  "availableSpectrumInquiryResponses": [
    {
```

```
"response": {
  "responseCode": 0,
  "shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T00:54:26Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T00:56:25Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ]
  }
}
```

```
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "latitude": 38,
      "longitude": -122
    },
    "majorAxis": 20,
    "minorAxis": 20,
    "orientation": 0
  },
  "elevation": {
    "height": 10.0,
    "heightType": "AGL",
    "verticalUncertainty": 10.0
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
    "parameters": {
      "version": "1.4",
      "PID": "CW9178I"
```

```
        }
      }
    ]
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}

##### 2024-06-22T00:56:25Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T00:56:25Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

##### 2024-06-22T00:56:25Z #####
{
```

```
"headers": {
  "Host": "testserver.wfatestorg.org",
  "Accept": "*/*",
  "Content-Type": "application/json",
  "X-Forwarded-For": "158.115.159.133",
  "X-Forwarded-Host": "testserver.wfatestorg.org",
  "X-Forwarded-Server": "testserver.wfatestorg.org",
  "Content-Length": "763",
  "Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "215592903584448",
      "deviceDescriptor": {
        "serialNumber": "Q5BA-BUXZ-RD3Z",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "latitude": 38,
            "longitude": -122
          },
          "majorAxis": 20,
          "minorAxis": 20,
          "orientation": 0
        },
        "elevation": {
          "height": 10.0,
          "heightType": "AGL",
```

```
        "verticalUncertainty": 10.0
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131
      }
    ],
    "vendorExtensions": [
      {
        "extensionId": "CiscoApInfo",
        "parameters": {
          "version": "1.4",
          "PID": "CW9178I"
        }
      }
    ]
  },
  "vendorExtensions": [
    {
      "extensionId": "CiscoInfo",
      "parameters": {
        "version": "1.4",
        "source": "Cloud",
        "identity": 1003
      }
    }
  ]
}
```

```
}

##### 2024-06-22T00:56:25Z #####

{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T00:56:25Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

##### 2024-06-22T00:57:24Z #####

{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
```

```
"deviceDescriptor": {
  "serialNumber": "Q5BA-BUXZ-RD3Z",
  "certificationId": [
    {
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
      "id": "UDX-600200010"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "latitude": 38,
      "longitude": -122
    },
    "majorAxis": 20,
    "minorAxis": 20,
    "orientation": 0
  },
  "elevation": {
    "height": 10.0,
    "heightType": "AGL",
    "verticalUncertainty": 10.0
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
],
```



```
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
    "parameters": {
      "version": "1.4",
      "PID": "CW9178I"
    }
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}

##### 2024-06-22T00:57:24Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T00:57:24Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
}
```

```
],
  "version": "1.4"
}

##### 2024-06-22T00:57:25Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
              "longitude": -122
            },
            "majorAxis": 20,
```

```
        "minorAxis": 20,
        "orientation": 0
    },
    "elevation": {
        "height": 10.0,
        "heightType": "AGL",
        "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    }
],
"vendorExtensions": [
    {
        "extensionId": "CiscoApInfo",
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
"vendorExtensions": [
    {
        "extensionId": "CiscoInfo",
        "parameters": {
            "version": "1.4",
```

```
        "source": "Cloud",
        "identity": 1003
      }
    }
  ]
}
}
```

2024-06-22T00:57:25Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T00:57:25Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDSAU33_Frequency_10616_1

2024-06-22T00:59:24Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
              "longitude": -122
            },
            "majorAxis": 20,
            "minorAxis": 20,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```

```
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
},
"vendorExtensions": [
  {
    "extensionId": "CiscolInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
```

```
    }
  }
]
}
}

##### 2024-06-22T00:59:24Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T00:59:24Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

##### 2024-06-22T00:59:25Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
  {
    "requestId": "215592903584448",
    "deviceDescriptor": {
      "serialNumber": "Q5BA-BUXZ-RD3Z",
      "certificationId": [
        {
          "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
          "id": "UDX-600200010"
        }
      ]
    },
    "location": {
      "ellipse": {
        "center": {
          "latitude": 38,
          "longitude": -122
        },
        "majorAxis": 20,
        "minorAxis": 20,
        "orientation": 0
      },
      "elevation": {
        "height": 10.0,
        "heightType": "AGL",
        "verticalUncertainty": 10.0
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
```



```
{
  "globalOperatingClass": 131
},
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
    "parameters": {
      "version": "1.4",
      "PID": "CW9178I"
    }
  }
]
},
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
```

2024-06-22T00:59:25Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
    }
  ]
}
```

```
"availableChannelInfo": [],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T00:59:25Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T01:00:25Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      ]
    },
    "location": {
```

```
"ellipse": {
  "center": {
    "latitude": 38,
    "longitude": -122
  },
  "majorAxis": 20,
  "minorAxis": 20,
  "orientation": 0
},
"elevation": {
  "height": 10.0,
  "heightType": "AGL",
  "verticalUncertainty": 10.0
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
    "parameters": {
      "version": "1.4",
      "PID": "CW9178I"
    }
  }
]
}
```

```
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}

##### 2024-06-22T01:00:25Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T01:00:25Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

##### 2024-06-22T01:00:26Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
```

```
"Content-Type": "application/json",
"X-Forwarded-For": "158.115.159.133",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "763",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "215592903584448",
      "deviceDescriptor": {
        "serialNumber": "Q5BA-BUXZ-RD3Z",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    }
  },
  "indoorDeployment": 1
}
```

```
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131
      }
    ],
    "vendorExtensions": [
      {
        "extensionId": "CiscoApInfo",
        "parameters": {
          "version": "1.4",
          "PID": "CW9178I"
        }
      }
    ]
  },
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
```

2024-06-22T01:00:26Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T01:00:26Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2024-06-22T01:01:32Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",

```

```
"certificationId": [  
  {  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
    "id": "UDX-600200010"  
  }  
]  
,  
"location": {  
  "ellipse": {  
    "center": {  
      "latitude": 38,  
      "longitude": -122  
    },  
    "majorAxis": 20,  
    "minorAxis": 20,  
    "orientation": 0  
  },  
  "elevation": {  
    "height": 10.0,  
    "heightType": "AGL",  
    "verticalUncertainty": 10.0  
  },  
  "indoorDeployment": 1  
},  
"inquiredFrequencyRange": [  
  {  
    "lowFrequency": 5945,  
    "highFrequency": 6875  
  }  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131  
  }  
],  
"vendorExtensions": [  
  {
```



```
        "extensionId": "CiscoApInfo",
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
],
"vendorExtensions": [
    {
        "extensionId": "CiscoInfo",
        "parameters": {
            "version": "1.4",
            "source": "Cloud",
            "identity": 1003
        }
    }
]
}
}
```

2024-06-22T01:01:32Z

```
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 19.28341828402629
                }
            ]
        }
    ]
}
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 18.9050709154448
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 10.247237148065652
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 12.946790789496983
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 15.248101332724149
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 11.457925210371915
},
{

```

```
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 13.0298679479643
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.194080113438766
    }
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T01:01:32Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2024-06-22T01:01:33Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "158.115.159.133",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "763",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
```

```
{
  "requestId": "215592903584448",
  "deviceDescriptor": {
    "serialNumber": "Q5BA-BUXZ-RD3Z",
    "certificationId": [
      {
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
        "id": "UDX-600200010"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ]
}
```

```
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
}
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}
```

2024-06-22T01:01:33Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
```

```
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 19.28341828402629
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 18.9050709154448
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 10.247237148065652
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 12.946790789496983
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 15.248101332724149
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
```

```
    },
    "maxPsd": 11.457925210371915
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 13.0298679479643
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 13.194080113438766
  }
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T01:01:33Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T01:02:25Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
```

"Connection": "Keep-Alive"

},

"body": {

"version": "1.4",

"availableSpectrumInquiryRequests": [

{

"requestId": "215592903584448",

"deviceDescriptor": {

"serialNumber": "Q5BA-BUXZ-RD3Z",

"certificationId": [

{

"rulesetId": "US_47_CFR_PART_15_SUBPART_E",

"id": "UDX-600200010"

}

]

},

"location": {

"ellipse": {

"center": {

"latitude": 38,

"longitude": -122

},

"majorAxis": 20,

"minorAxis": 20,

"orientation": 0

},

"elevation": {

"height": 10.0,

"heightType": "AGL",

"verticalUncertainty": 10.0

},

"indoorDeployment": 1

},

"inquiredFrequencyRange": [

{

"lowFrequency": 5945,

"highFrequency": 6875


```
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
}
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}
```

```
##### 2024-06-22T01:02:25Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 19.28341828402629
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 18.9050709154448
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 10.247237148065652
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 12.946790789496983
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 15.248101332724149
  }
]
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 11.457925210371915
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 13.0298679479643
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 13.194080113438766
    }
  ],
  "requestId": "215592903584448",
  "availabilityExpireTime": "2024-06-23T01:02:25Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}

],
"version": "1.4"
}
```

```
##### 2024-06-22T01:02:26Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
```

```
"X-Forwarded-For": "158.115.159.133",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "763",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "215592903584448",
      "deviceDescriptor": {
        "serialNumber": "Q5BA-BUXZ-RD3Z",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  }
},
```

```
"inquiredFrequencyRange": [  
  {  
    "lowFrequency": 5945,  
    "highFrequency": 6875  
  }  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131  
  }  
],  
"vendorExtensions": [  
  {  
    "extensionId": "CiscoApInfo",  
    "parameters": {  
      "version": "1.4",  
      "PID": "CW9178I"  
    }  
  }  
]  
}  
],  
"vendorExtensions": [  
  {  
    "extensionId": "CiscoInfo",  
    "parameters": {  
      "version": "1.4",  
      "source": "Cloud",  
      "identity": 1003  
    }  
  }  
]  
}  
}
```

2024-06-22T01:02:26Z

{

```
"availableSpectrumInquiryResponses": [  
  {  
    "response": {  
      "responseCode": 0,  
      "shortDescription": "SUCCESS"  
    },  
    "availableFrequencyInfo": [  
      {  
        "frequencyRange": {  
          "highFrequency": 6125,  
          "lowFrequency": 6105  
        },  
        "maxPsd": 19.28341828402629  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 6145,  
          "lowFrequency": 6125  
        },  
        "maxPsd": 18.9050709154448  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 6165,  
          "lowFrequency": 6145  
        },  
        "maxPsd": 10.247237148065652  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 6185,  
          "lowFrequency": 6165  
        },  
        "maxPsd": 12.946790789496983  
      },  
      {  
        "frequencyRange": {
```

```
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 15.248101332724149
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 11.457925210371915
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 13.0298679479643
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 13.194080113438766
}
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T01:02:26Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2024-06-22T01:13:24Z #####
{
```

```
"headers": {
  "Host": "testserver.wfatestorg.org",
  "User-Agent": "curl/7.68.0",
  "Accept": "*/*",
  "Content-Type": "application/json",
  "X-Forwarded-For": "158.115.159.133",
  "X-Forwarded-Host": "testserver.wfatestorg.org",
  "X-Forwarded-Server": "testserver.wfatestorg.org",
  "Content-Length": "763",
  "Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "215592903584448",
      "deviceDescriptor": {
        "serialNumber": "Q5BA-BUXZ-RD3Z",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "UDX-600200010"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,

```



```
        "heightType": "AGL",
        "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    }
],
"vendorExtensions": [
    {
        "extensionId": "CiscoApInfo",
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
],
"vendorExtensions": [
    {
        "extensionId": "CiscoInfo",
        "parameters": {
            "version": "1.4",
            "source": "Cloud",
            "identity": 1003
        }
    }
]
]
```



```
    }
  }

##### 2024-06-22T01:14:21Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 8.840362438935921
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 10.561243855471155
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 13.789411414927361
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 11.834379669591602
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 16.032868647836136
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 12.485808290859765
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 11.135511772592203
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 14.322933339901281
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 17.237201419529043
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 17.65479019723842
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 9.620464779164408
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 12.534289063421607
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 8.118246541081664
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 13.47177067538074
},
{

```

```
"frequencyRange": {
  "highFrequency": 6405,
  "lowFrequency": 6385
},
"maxPsd": 15.136245042648216
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 15.404440551435389
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 12.031091633100168
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 16.510887285078773
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 19.74560897521992
},
{
  "frequencyRange": {
    "highFrequency": 6665,
```

```
        "lowFrequency": 6645
      },
      "maxPsd": 16.838418557857672
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 8.796429978923952
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 21.559602827690163
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 9.68928064180413
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 18.81555051407331
    }
  ],
  "requestId": "215592903584448",
  "availabilityExpireTime": "2024-06-23T01:14:21Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

```
],
  "version": "1.4"
}

##### 2024-06-22T01:14:21Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "latitude": 38,
              "longitude": -122
            },
            "majorAxis": 20,
```

```
        "minorAxis": 20,
        "orientation": 0
    },
    "elevation": {
        "height": 10.0,
        "heightType": "AGL",
        "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    }
],
"vendorExtensions": [
    {
        "extensionId": "CiscoApInfo",
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
"vendorExtensions": [
    {
        "extensionId": "CiscoInfo",
        "parameters": {
            "version": "1.4",
```



```
        "source": "Cloud",
        "identity": 1003
    }
}
]
}
}
```

2024-06-22T01:14:22Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 8.840362438935921
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 10.561243855471155
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 13.789411414927361
        }
      ]
    }
  ]
}
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 11.834379669591602
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 16.032868647836136
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 12.485808290859765
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 11.135511772592203
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 14.322933339901281
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6285,
  "lowFrequency": 6265
},
"maxPsd": 17.237201419529043
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 17.65479019723842
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 9.620464779164408
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 12.534289063421607
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 8.118246541081664
},
{
  "frequencyRange": {
    "highFrequency": 6385,
```

```
        "lowFrequency": 6365
      },
      "maxPsd": 13.47177067538074
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 15.136245042648216
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 15.404440551435389
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 12.031091633100168
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 16.510887285078773
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
    },
```

```
"maxPsd": 19.74560897521992
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.838418557857672
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 8.796429978923952
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.559602827690163
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 9.68928064180413
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 18.81555051407331
}
```

```
    ],
    "requestId": "215592903584448",
    "availabilityExpireTime": "2024-06-23T01:14:22Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

2024-06-22T01:14:24Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
```

```
"ellipse": {
  "center": {
    "latitude": 38,
    "longitude": -122
  },
  "majorAxis": 20,
  "minorAxis": 20,
  "orientation": 0
},
"elevation": {
  "height": 10.0,
  "heightType": "AGL",
  "verticalUncertainty": 10.0
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoApInfo",
    "parameters": {
      "version": "1.4",
      "PID": "CW9178I"
    }
  }
]
}
```

```
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}

##### 2024-06-22T01:14:24Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 8.840362438935921
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 10.561243855471155
        }
      ]
    }
  ]
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 13.789411414927361
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 11.834379669591602
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 16.032868647836136
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 12.485808290859765
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 11.135511772592203
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 14.322933339901281
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 17.237201419529043
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 17.65479019723842
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 9.620464779164408
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 12.534289063421607
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
```

```
    },
    "maxPsd": 8.118246541081664
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 13.47177067538074
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 15.136245042648216
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 15.404440551435389
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 12.031091633100168
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 16.510887285078773
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 19.74560897521992
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.838418557857672
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 8.796429978923952
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.559602827690163
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 9.68928064180413
},
{

```

```
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 18.81555051407331
    }
],
    "requestId": "215592903584448",
    "availabilityExpireTime": "2024-06-23T01:14:24Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T01:14:25Z

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "158.115.159.133",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "763",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "215592903584448",
                "deviceDescriptor": {
                    "serialNumber": "Q5BA-BUXZ-RD3Z",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
```

```
        "id": "UDX-600200010"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
```

```
        "PID": "CW9178I"
      }
    }
  ]
}
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}
```

2024-06-22T01:14:25Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 8.840362438935921
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 10.561243855471155
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 13.789411414927361
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 11.834379669591602
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 16.032868647836136
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 12.485808290859765
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
```



```
    },
    "maxPsd": 11.135511772592203
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 14.322933339901281
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 17.237201419529043
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 17.65479019723842
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 9.620464779164408
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 12.534289063421607
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 8.118246541081664
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 13.47177067538074
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 15.136245042648216
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 15.404440551435389
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 12.031091633100168
},
{

```

```
"frequencyRange": {
  "highFrequency": 6625,
  "lowFrequency": 6605
},
"maxPsd": 16.510887285078773
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 19.74560897521992
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.838418557857672
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 8.796429978923952
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.559602827690163
},
{
  "frequencyRange": {
    "highFrequency": 6725,
```

```
        "lowFrequency": 6705
      },
      "maxPsd": 9.68928064180413
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 18.81555051407331
    }
  ],
  "requestId": "215592903584448",
  "availabilityExpireTime": "2024-06-23T01:14:25Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDUUAU34_Frequency_10617_1

2024-06-22T01:24:44Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "latitude": 38,
          "longitude": -122
        },
        "majorAxis": 20,
        "minorAxis": 20,
        "orientation": 0
      }
    }
  }
}
```

```
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
        "PID": "CW9178I"
      }
    }
  ]
},
"vendorExtensions": [
  {
    "extensionId": "CiscolInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
```

```
    }
  }
]
}
}

##### 2024-06-22T01:24:44Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 23
        },
        {
```

```
"frequencyRange": {
  "highFrequency": 6025,
  "lowFrequency": 6005
},
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6125,
```



```
        "lowFrequency": 6105
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },

```

```
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 23
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
```

```
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6765,
      "lowFrequency": 6745
    },
    "maxPsd": 23
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6785,  
        "lowFrequency": 6765  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6805,  
        "lowFrequency": 6785  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6825,  
        "lowFrequency": 6805  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6845,  
        "lowFrequency": 6825  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6865,  
        "lowFrequency": 6845  
      },  
      "maxPsd": 23  
    }  
  ],
```



```
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T01:24:44Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2024-06-22T01:24:44Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
```

```
        "latitude": 38,
        "longitude": -122
    },
    "majorAxis": 20,
    "minorAxis": 20,
    "orientation": 0
},
"elevation": {
    "height": 10.0,
    "heightType": "AGL",
    "verticalUncertainty": 10.0
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    }
],
"vendorExtensions": [
    {
        "extensionId": "CiscoApInfo",
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
"vendorExtensions": [
```



```
{
  "extensionId": "CiscoInfo",
  "parameters": {
    "version": "1.4",
    "source": "Cloud",
    "identity": 1003
  }
}
]
```

2024-06-22T01:24:45Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
```

```
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 23
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 23
},
{
```

```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6545,
```

```

        "lowFrequency": 6525
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },

```

```
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 23
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6865,
        "lowFrequency": 6845
    },
    "maxPsd": 23
}
],
"requestId": "215592903584448",
"availabilityExpireTime": "2024-06-23T01:24:44Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-06-22T01:38:24Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",

```

```
        "id": "UDX-600200010"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "latitude": 38,
        "longitude": -122
      },
      "majorAxis": 20,
      "minorAxis": 20,
      "orientation": 0
    },
    "elevation": {
      "height": 10.0,
      "heightType": "AGL",
      "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    }
  ],
  "vendorExtensions": [
    {
      "extensionId": "CiscoApInfo",
      "parameters": {
        "version": "1.4",
```

```
        "PID": "CW9178I"
      }
    }
  ]
}
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}
```

2024-06-22T01:38:24Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T01:38:24Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2024-06-22T01:38:25Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "215592903584448",
        "deviceDescriptor": {
          "serialNumber": "Q5BA-BUXZ-RD3Z",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "UDX-600200010"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "latitude": 38,
          "longitude": -122
        },
        "majorAxis": 20,
        "minorAxis": 20,
        "orientation": 0
      },
      "elevation": {
        "height": 10.0,

```

```
        "heightType": "AGL",
        "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    }
],
"vendorExtensions": [
    {
        "extensionId": "CiscoApInfo",
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
],
"vendorExtensions": [
    {
        "extensionId": "CiscoInfo",
        "parameters": {
            "version": "1.4",
            "source": "Cloud",
            "identity": 1003
        }
    }
]
]
```

```
}
}

##### 2024-06-22T01:38:25Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T01:38:25Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

##### 2024-06-22T01:39:24Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/7.68.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "158.115.159.133",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "763",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
```

```
"requestId": "215592903584448",
"deviceDescriptor": {
  "serialNumber": "Q5BA-BUXZ-RD3Z",
  "certificationId": [
    {
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
      "id": "UDX-600200010"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "latitude": 38,
      "longitude": -122
    },
    "majorAxis": 20,
    "minorAxis": 20,
    "orientation": 0
  },
  "elevation": {
    "height": 10.0,
    "heightType": "AGL",
    "verticalUncertainty": 10.0
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131
  }
]
```

```
    ],
    "vendorExtensions": [
      {
        "extensionId": "CiscoApInfo",
        "parameters": {
          "version": "1.4",
          "PID": "CW9178I"
        }
      }
    ]
  }
],
"vendorExtensions": [
  {
    "extensionId": "CiscoInfo",
    "parameters": {
      "version": "1.4",
      "source": "Cloud",
      "identity": 1003
    }
  }
]
}
}

##### 2024-06-22T01:39:24Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T01:39:24Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
}
```



```
}  
],  
"version": "1.4"  
}
```

2024-06-22T01:39:25Z

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*//*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "158.115.159.133",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "763",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "215592903584448",  
        "deviceDescriptor": {  
          "serialNumber": "Q5BA-BUXZ-RD3Z",  
          "certificationId": [  
            {  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
              "id": "UDX-600200010"  
            }  
          ]  
        }  
      ]  
    },  
    "location": {  
      "ellipse": {  
        "center": {  
          "latitude": 38,  
          "longitude": -122  
        },  
        "radius": 1000  
      }  
    }  
  }  
}
```

```
        "majorAxis": 20,
        "minorAxis": 20,
        "orientation": 0
    },
    "elevation": {
        "height": 10.0,
        "heightType": "AGL",
        "verticalUncertainty": 10.0
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    }
],
"vendorExtensions": [
    {
        "extensionId": "CiscoApInfo",
        "parameters": {
            "version": "1.4",
            "PID": "CW9178I"
        }
    }
]
},
],
"vendorExtensions": [
    {
        "extensionId": "CiscoInfo",
        "parameters": {
```



```
        "version": "1.4",
        "source": "Cloud",
        "identity": 1003
      }
    }
  ]
}
```

2024-06-22T01:39:25Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "215592903584448",
      "availabilityExpireTime": "2024-06-23T01:39:25Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

AFC capability - Inquired Channel
AFCD.RSA: Successful registration and spectrum access request

Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
5975	LPI	20	4.77	11.14	15.91	-	N/A	-1.96	2.81	5	Pass
6375	SP	20	4.77	12.15	16.92	29.31	Pass	-0.85	3.92	-	N/A
5975	SP	20	4.77	12.68	17.45	25.72	Pass	-0.38	4.39	-	N/A
5965	LPI	40	4.77	14.11	18.88	-	N/A	-1.81	2.96	5	Pass
6605	SP	40	5.56	15.74	21.30	30.29	Pass	-0.64	4.92	-	N/A
5965	SP	40	4.77	15.91	20.68	33.88	Pass	0.05	4.82	-	N/A
5985	LPI	80	4.77	16.94	21.71	-	N/A	-2.05	2.72	5	Pass
6385	SP	80	4.77	16.72	21.49	31.20	Pass	-1.92	2.85	-	N/A
6625	SP	80	5.56	17.40	22.96	31.06	Pass	-1.52	4.04	-	N/A
6665	LPI	160	5.56	17.00	22.56	-	N/A	-5.37	0.19	5	Pass
6345	SP	160	4.77	17.24	22.01	31.08	Pass	-4.71	0.06	-	N/A
6185	SP	160	4.77	16.79	21.56	30.05	Pass	-4.74	0.03	-	N/A

AFCD.USA: Unsuccessful spectrum access request

Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6135	LPI	20	4.77	11.00	15.77	-	N/A	-2.27	2.50	5	Pass
6135	LPI	20	4.77	11.02	15.79	-	N/A	-2.35	2.42	5	Pass

AFCD.SAU: Successful spectrum access update

Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6135	LPI	20	4.77	11.01	15.78	-	N/A	-2.27	2.50	5	Pass
6695	SP	20	5.56	12.76	18.32	22.41	Pass	-0.57	4.99	-	N/A
5975	LPI	20	4.77	10.92	15.69	-	N/A	-2.19	2.58	-	N/A

AFCD.UAU: Unsuccessful spectrum access update

Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6615	LPI	20	5.56	12.63	18.19	-	N/A	-0.76	4.80	5	Pass
5975	SP	20	4.77	12.60	17.37	36.00	Pass	-0.40	4.37	-	N/A
5975	LPI	20	4.77	10.91	15.68	-	N/A	-2.14	2.63	5	Pass

AFC capability - Inquired Channel

CT_AFC_SP_AP_AFCRSA31_Channel_20MHz_10618_1

Frequency (MHz): 5975

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

5975MHz_TX

24/04/2024

CF (Hz)
5.975G

Span (Hz)
30M

RBW (Hz)
1M

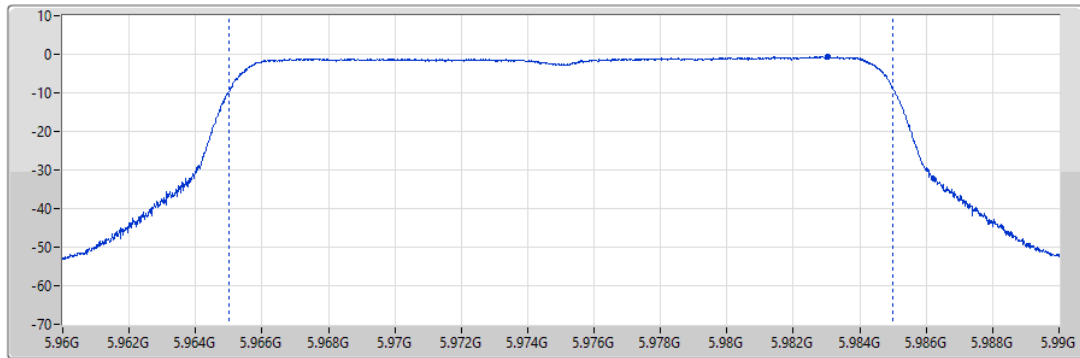
VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
20M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
11.14	11.14

5.925-6.425GHz_802.11ax HEW20_1TX

PSD

5975MHz

24/04/2024

CF (Hz)
5.975G

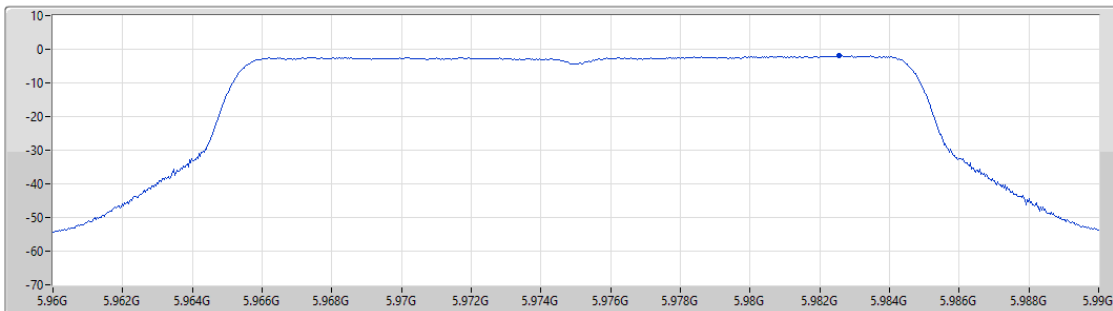
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.96	-1.96	-1.96

Frequency (MHz): 6375

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

6375MHz_TX

24/04/2024

CF (Hz)
6.375G

Span (Hz)
30M

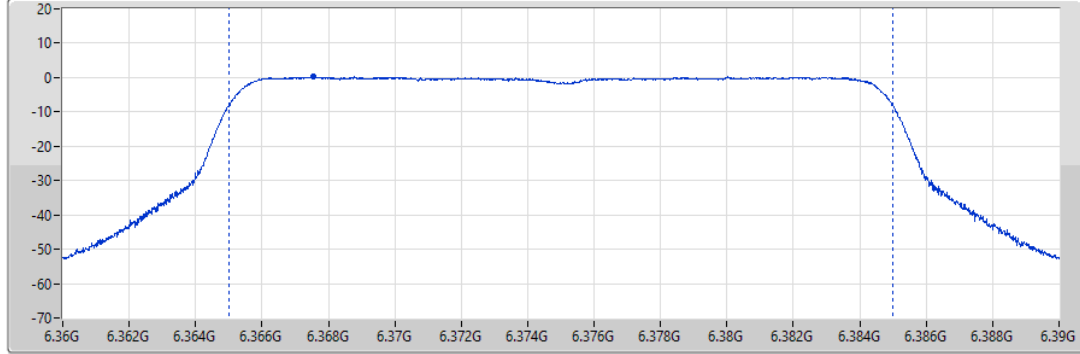
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
20M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
12.15	12.15

5.925-6.425GHz_802.11ax HEW20_1TX

PSD

6375MHz

24/04/2024

CF (Hz)
6.375G

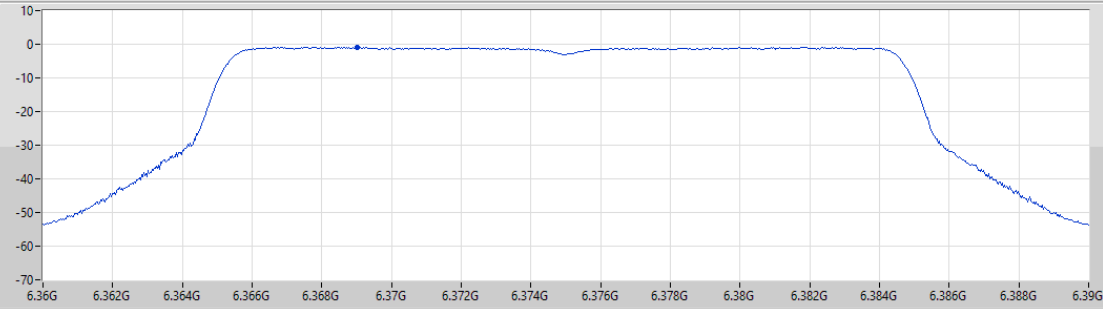
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-0.85	-0.85	-0.85

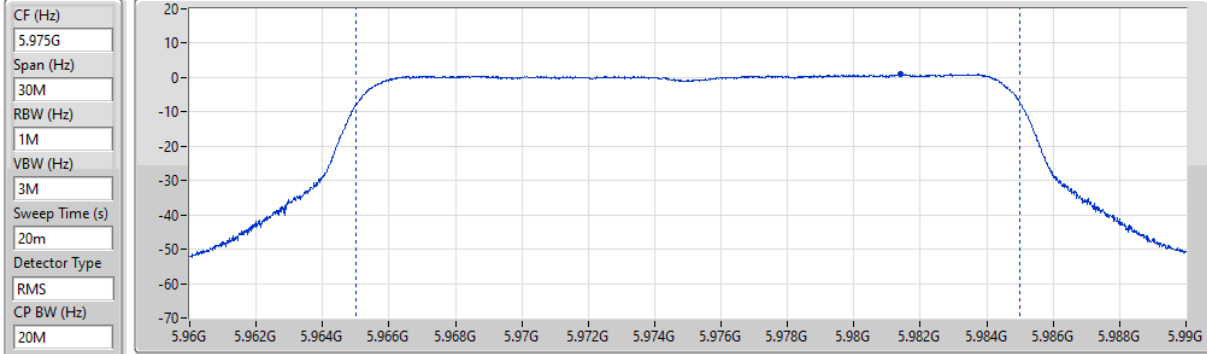
Frequency (MHz): 5975

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

5975MHz_TX

24/04/2024



Port 1

Sum=Total Power
PX=Port X

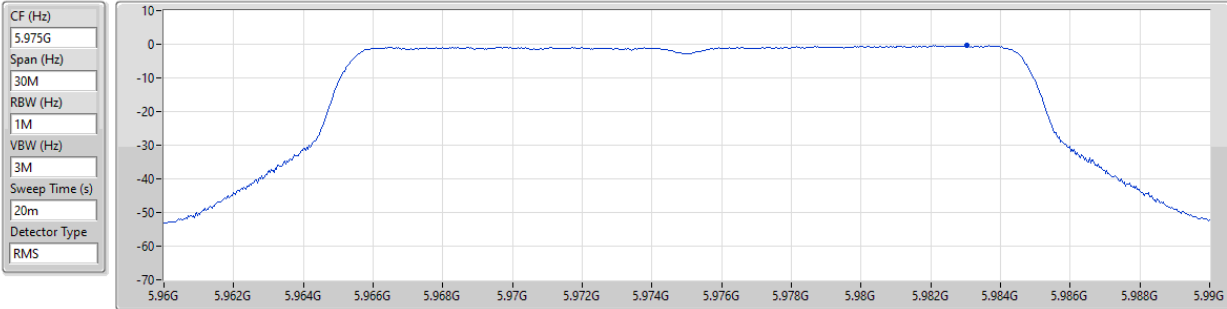
Sum(dBm)	P1(dBm)
12.68	12.68

5.925-6.425GHz_802.11ax HEW20_1TX

PSD

5975MHz

24/04/2024



Port 1

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
-0.38	-0.38	-0.38

CT_AFC_SP_AP_AFCRSA31_Channel_40MHz_10619_1

Frequency (MHz): 5965

5.925-6.425GHz_802.11ax HEW40_1TX

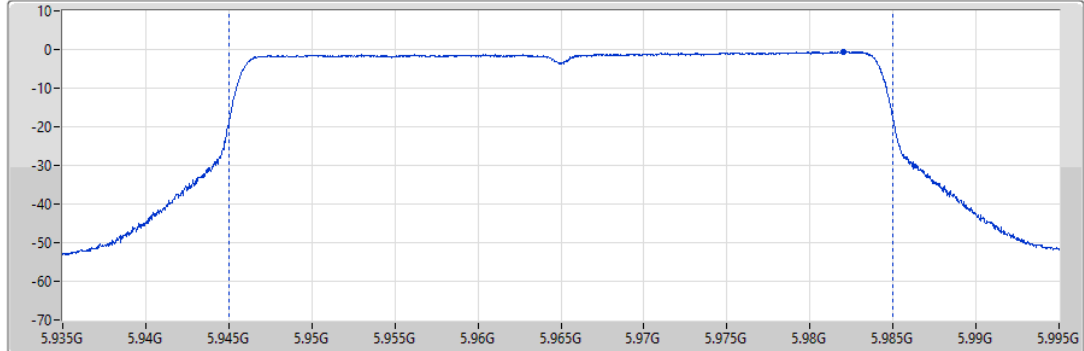
AV Power

5965MHz_TX

24/04/2024

CF (Hz)
5.965G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
40M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
14.11	14.11

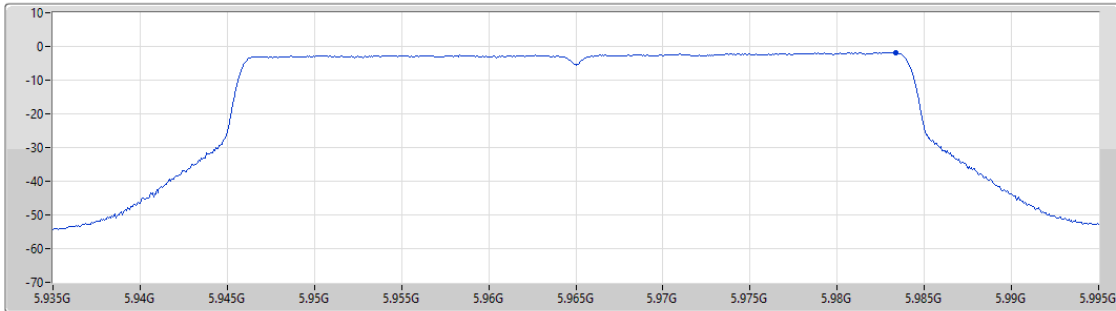
5.925-6.425GHz_802.11ax HEW40_1TX

PSD

5965MHz

24/04/2024

CF (Hz)
5.965G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-1.81	-1.81	-1.81

Frequency (MHz): 6605

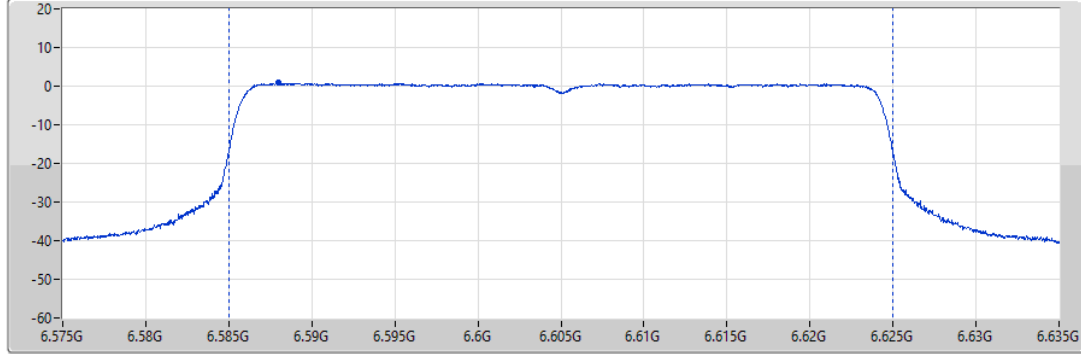
6.525-6.875GHz_802.11ax HEW40_1TX

AV Power

6605MHz_TX

24/04/2024

CF (Hz)
6.605G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
40M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
15.74	15.74

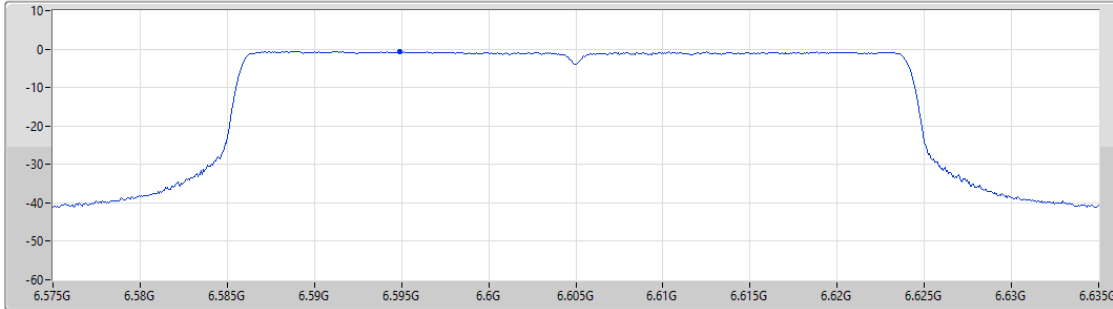
6.525-6.875GHz_802.11ax HEW40_1TX

PSD

6605MHz

24/04/2024

CF (Hz)
6.605G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-0.64	-0.64	-0.64

Frequency (MHz): 5965

5.925-6.425GHz_802.11ax HEW40_1TX

AV Power

5965MHz_TX

24/04/2024

CF (Hz)
5.965G

Span (Hz)
60M

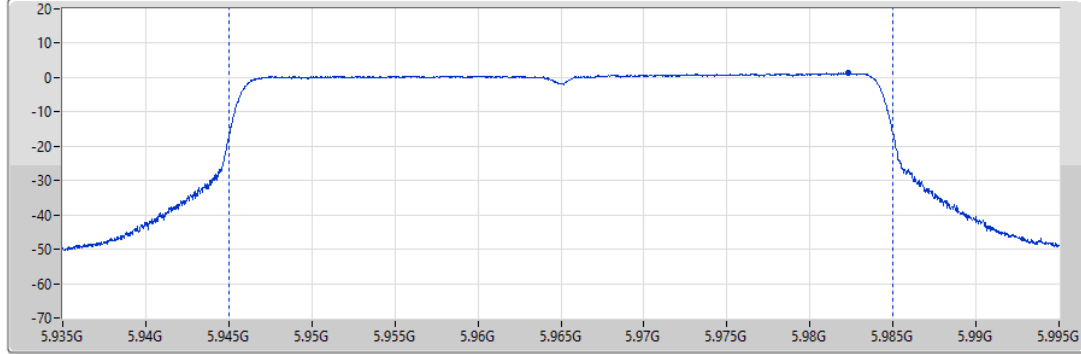
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
40M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
15.91	15.91

5.925-6.425GHz_802.11ax HEW40_1TX

PSD

5965MHz

24/04/2024

CF (Hz)
5.965G

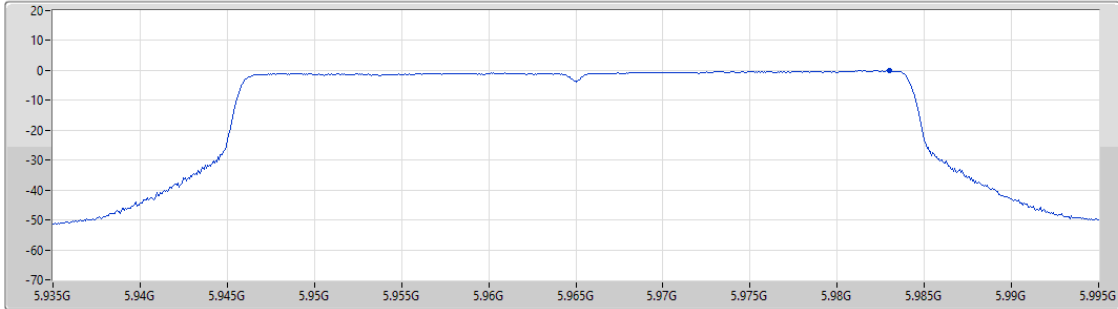
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
0.05	0.05	0.05

CT_AFC_SP_AP_AFCRSA31_Channel_80MHz_10620_1

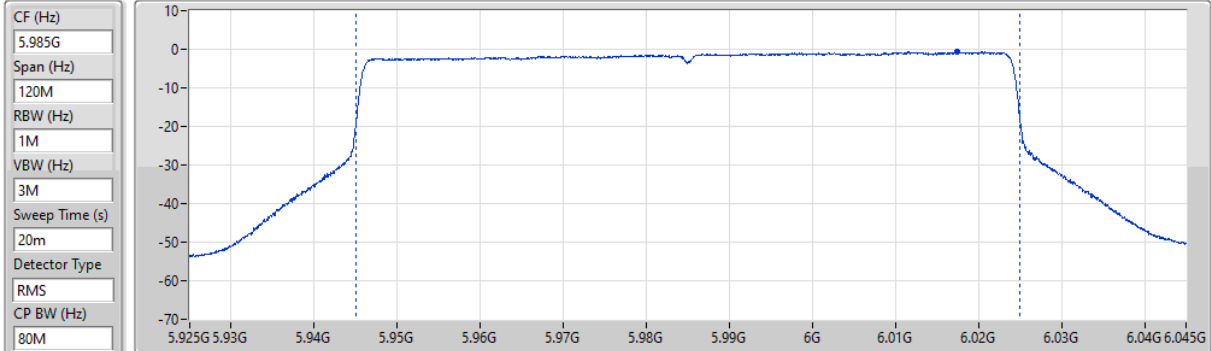
Frequency (MHz): 5985

5.925-6.425GHz_802.11ax HEW80_1TX

AV Power

5985MHz_TX

24/04/2024



Sum=Total Power
PX=Port X

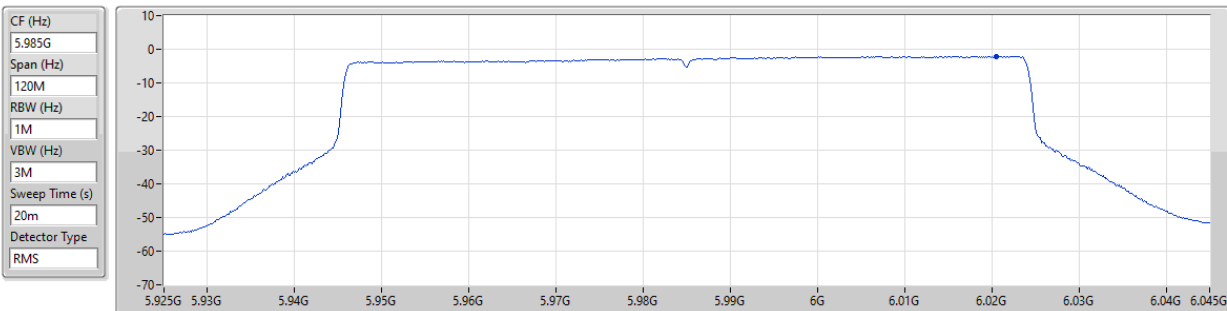
Sum(dBm)	P1(dBm)
16.94	16.94

5.925-6.425GHz_802.11ax HEW80_1TX

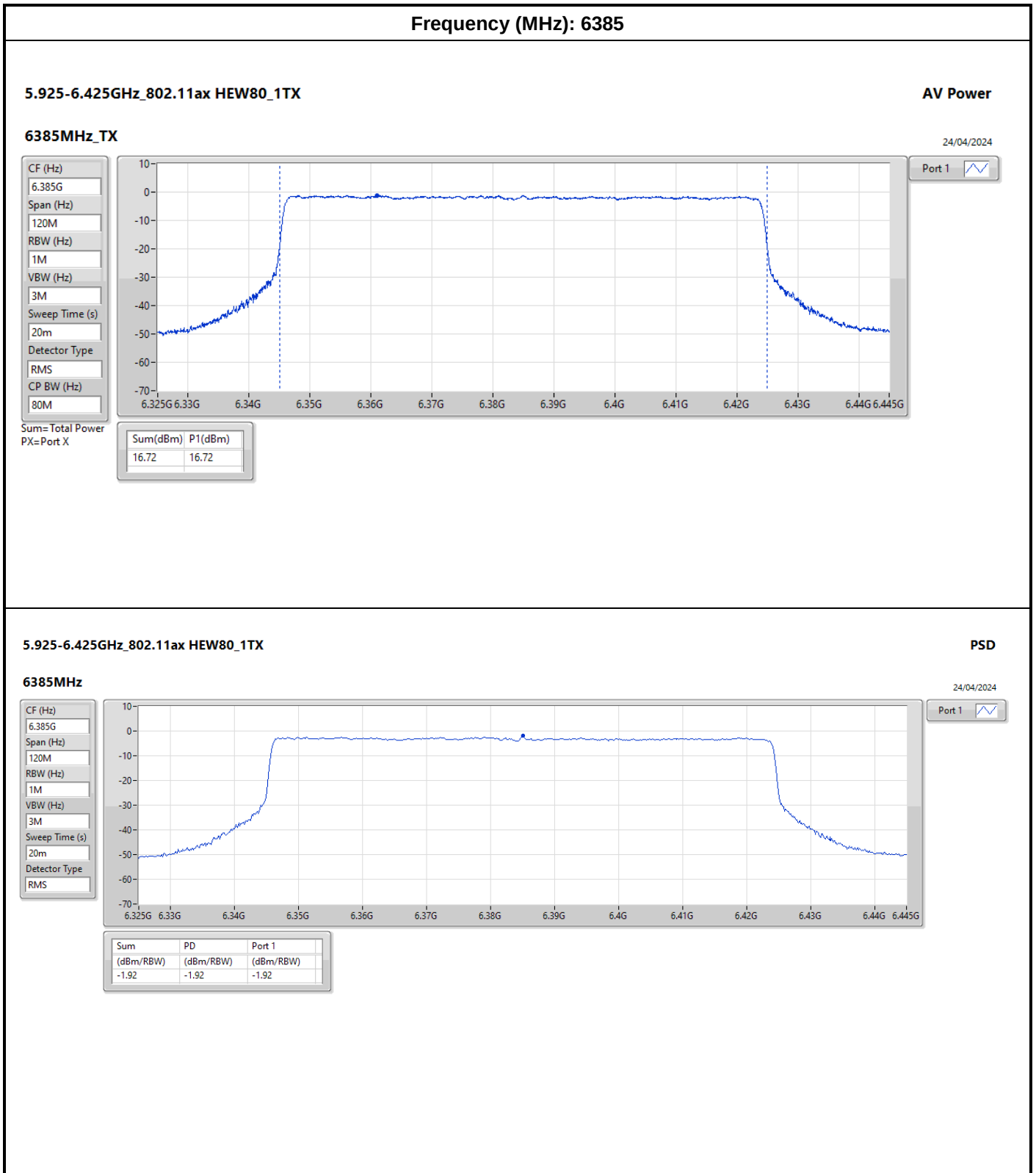
PSD

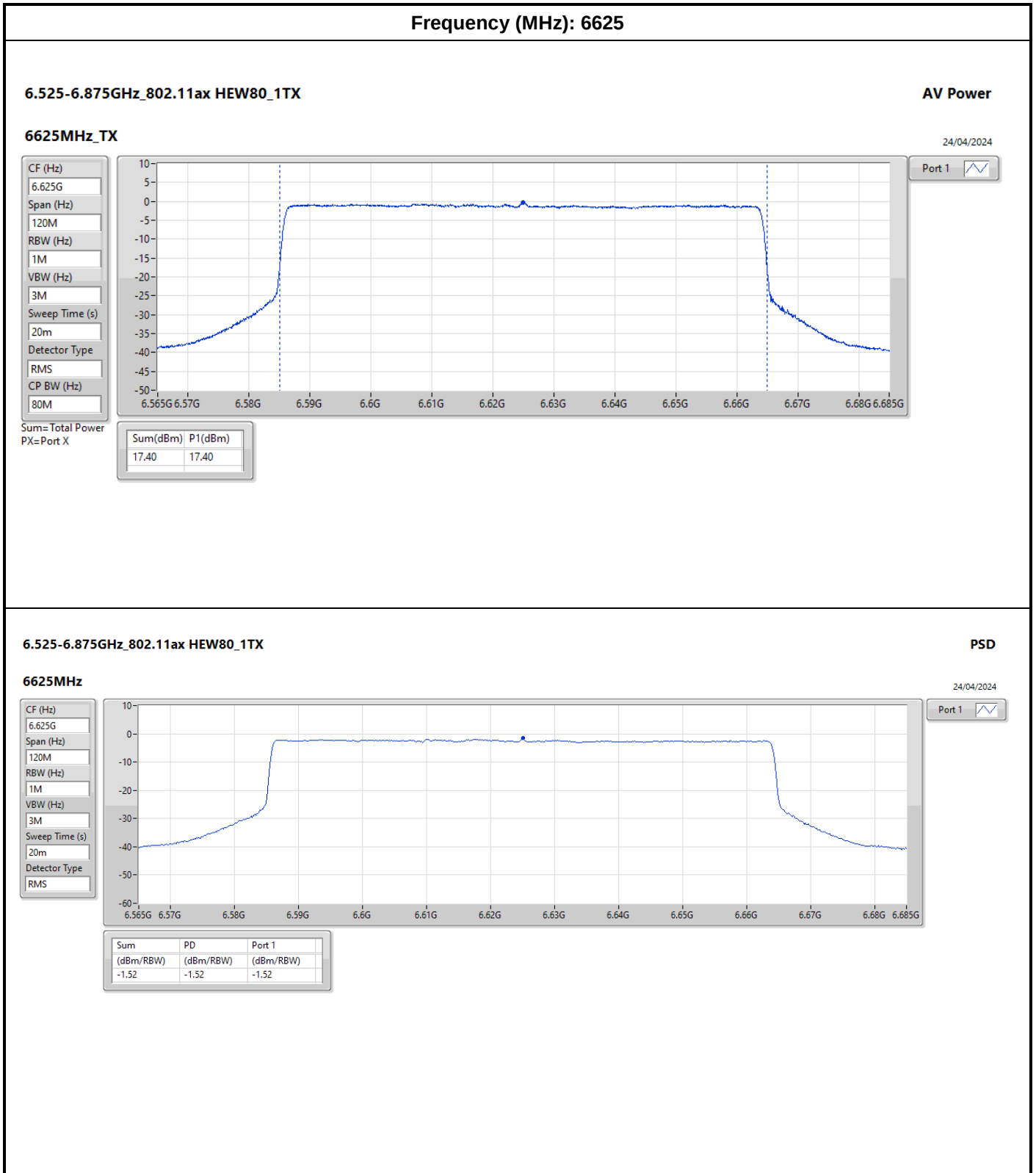
5985MHz

24/04/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.05	-2.05	-2.05





CT_AFC_SP_AP_AFCDRSA31_Channel_160MHz_10621_1

Frequency (MHz): 6665

6.525-6.875GHz_802.11ax HEW160_1TX

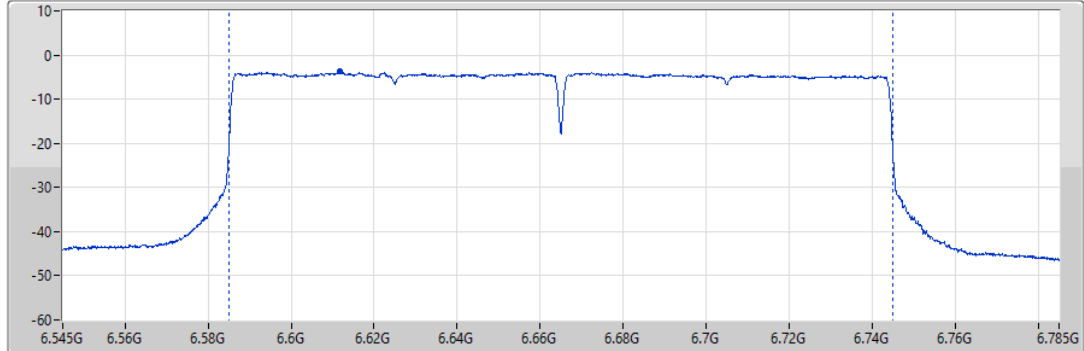
AV Power

6665MHz_TX

24/04/2024

CF (Hz)
6.665G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
160M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
17.00	17.00

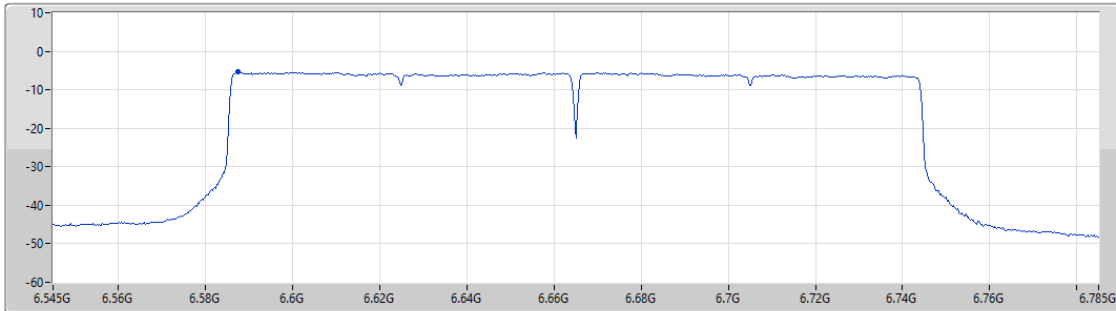
6.525-6.875GHz_802.11ax HEW160_1TX

PSD

6665MHz

24/04/2024

CF (Hz)
6.665G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.37	-5.37	-5.37

Frequency (MHz): 6345

5.925-6.425GHz_802.11ax HEW160_1TX

AV Power

6345MHz_TX

24/04/2024

CF (Hz)
6.345G

Span (Hz)
240M

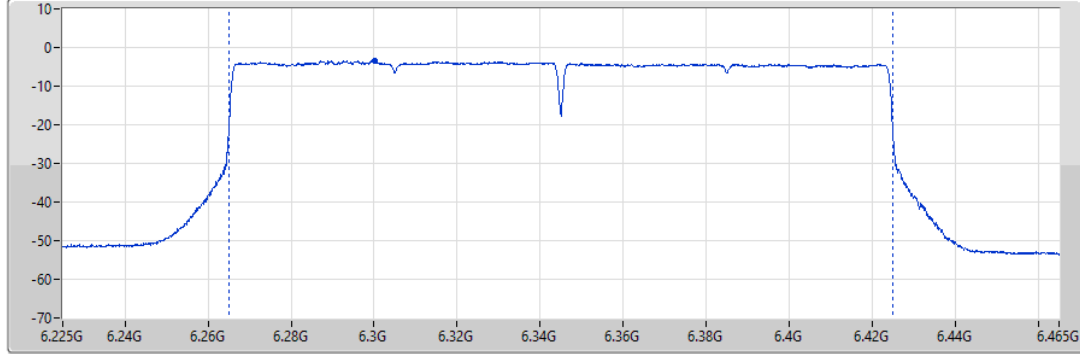
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
160M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
17.24	17.24

5.925-6.425GHz_802.11ax HEW160_1TX

PSD

6345MHz

24/04/2024

CF (Hz)
6.345G

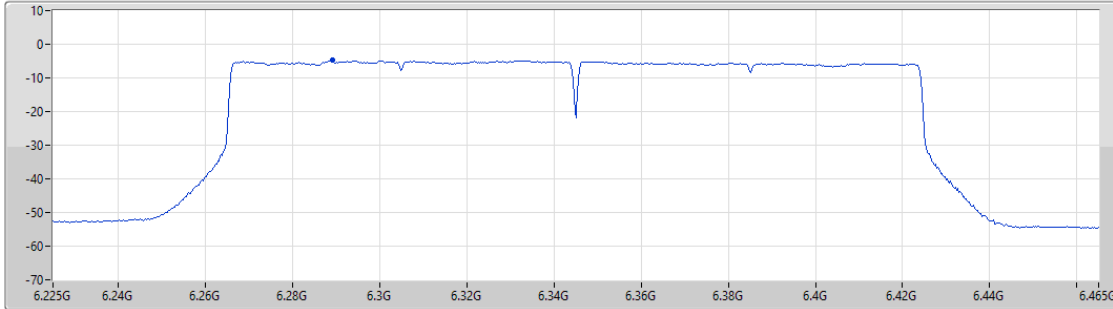
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
-4.71	-4.71	-4.71

Frequency (MHz): 6185

5.925-6.425GHz_802.11ax HEW160_1TX

AV Power

6185MHz_TX

24/04/2024

CF (Hz)
6.185G

Span (Hz)
240M

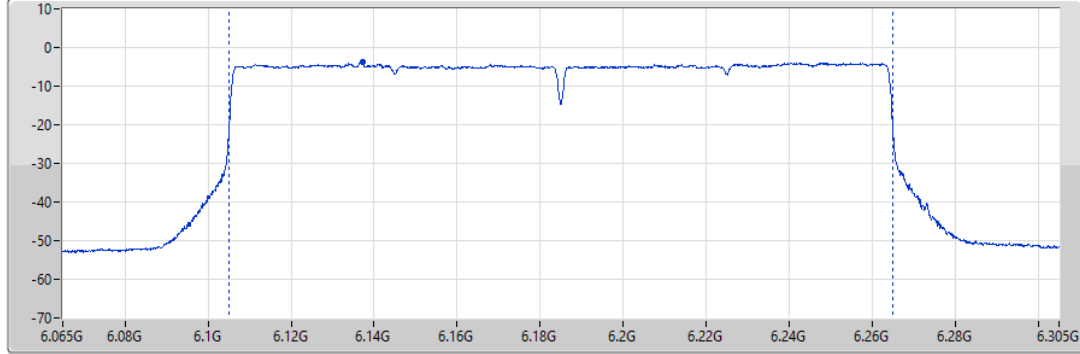
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
160M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
16.79	16.79

5.925-6.425GHz_802.11ax HEW160_1TX

PSD

6185MHz

24/04/2024

CF (Hz)
6.185G

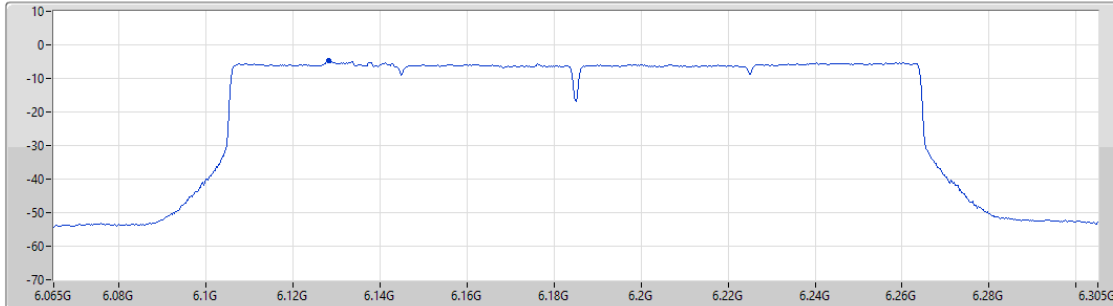
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
-4.74	-4.74	-4.74

CT_AFC_SP_AP_AFCDUSA32_Channel_10622_1

Bandwidth: 20MHz

Frequency (MHz): 6135

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

6135MHz_TX

24/04/2024

CF (Hz)
6.135G

Span (Hz)
30M

RBW (Hz)
1M

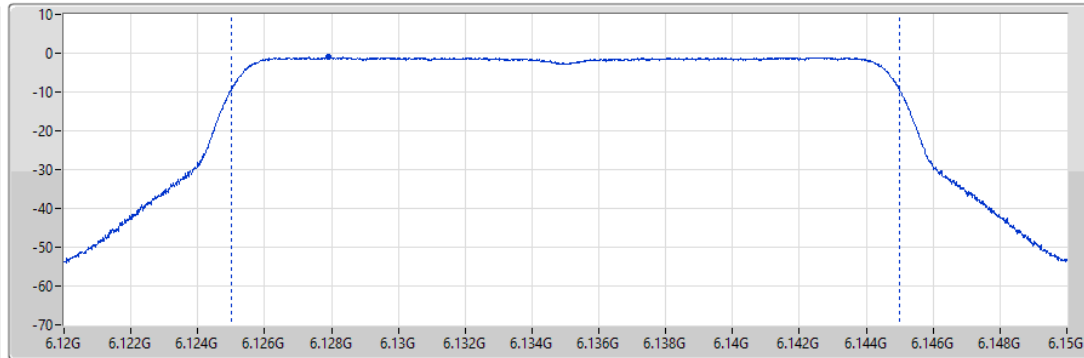
VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
20M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
11.00	11.00

5.925-6.425GHz_802.11ax HEW20_1TX

PSD

6135MHz

24/04/2024

CF (Hz)
6.135G

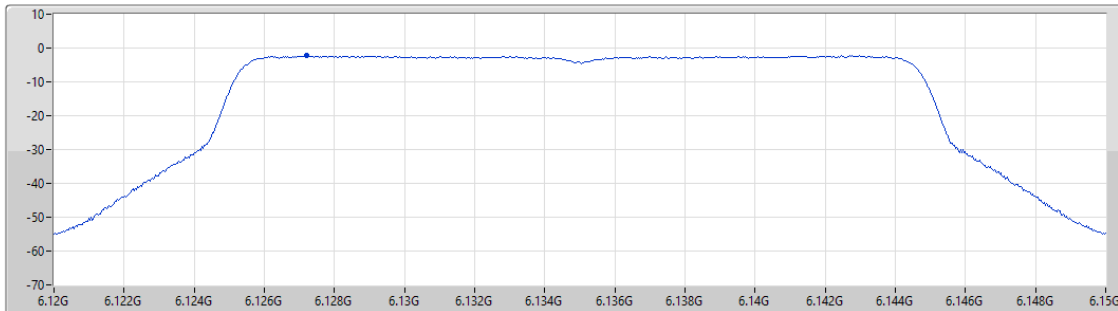
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.27	-2.27	-2.27

Frequency (MHz): 6135

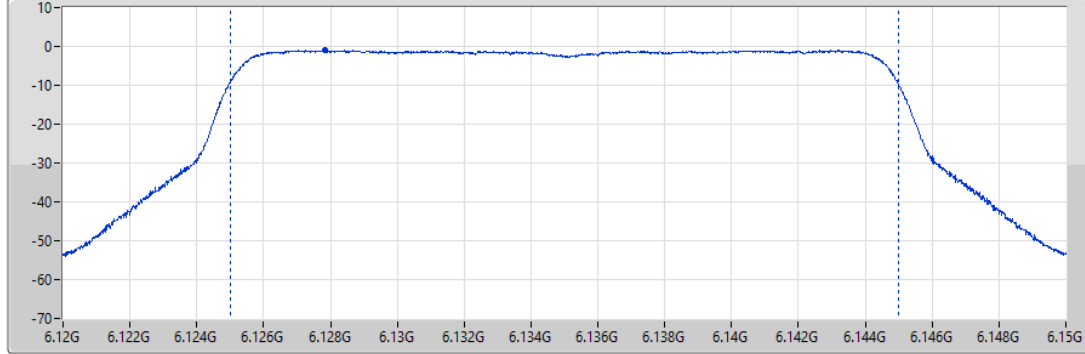
5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

6135MHz_TX

24/04/2024

CF (Hz)
6.135G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
20M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
11.02	11.02

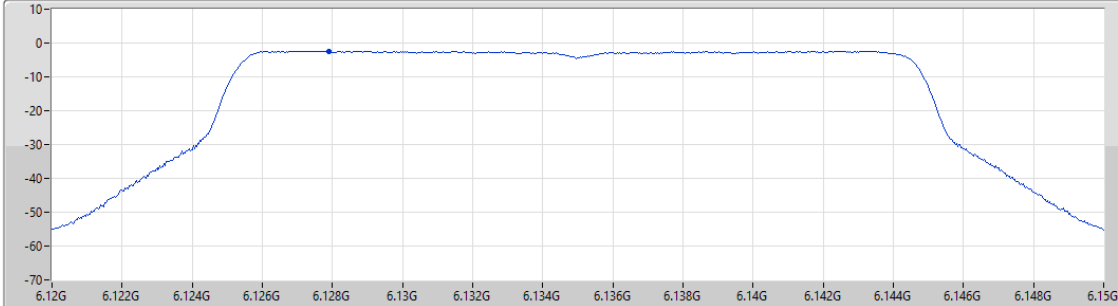
5.925-6.425GHz_802.11ax HEW20_1TX

PSD

6135MHz

24/04/2024

CF (Hz)
6.135G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.35	-2.35	-2.35

CT_AFC_SP_AP_AFCDSAU33_Channel_10623_1

Bandwidth: 20MHz

Frequency (MHz): 6135

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

6135MHz_TX

24/04/2024

CF (Hz)
6.135G

Span (Hz)
30M

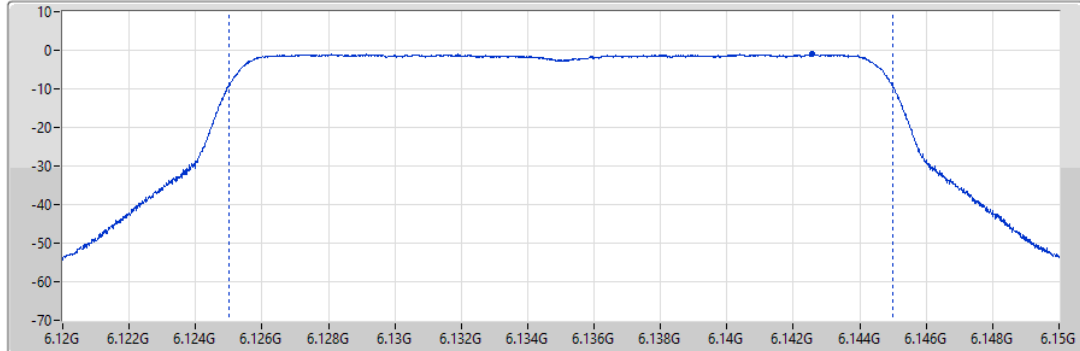
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
20M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
11.01	11.01

5.925-6.425GHz_802.11ax HEW20_1TX

PSD

6135MHz

24/04/2024

CF (Hz)
6.135G

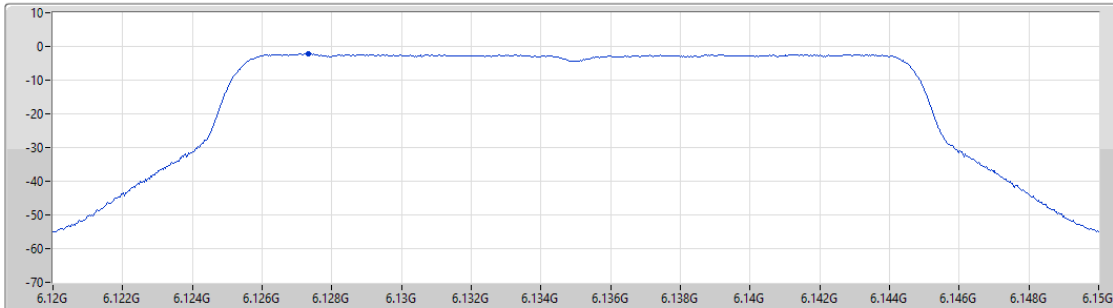
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.27	-2.27	-2.27

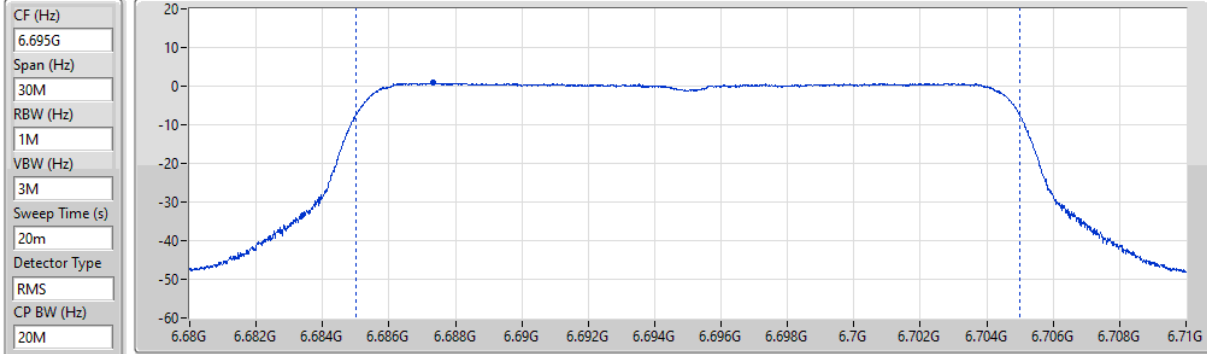
Frequency (MHz): 6695

6.525-6.875GHz_802.11ax HEW20_1TX

AV Power

6695MHz_TX

24/04/2024

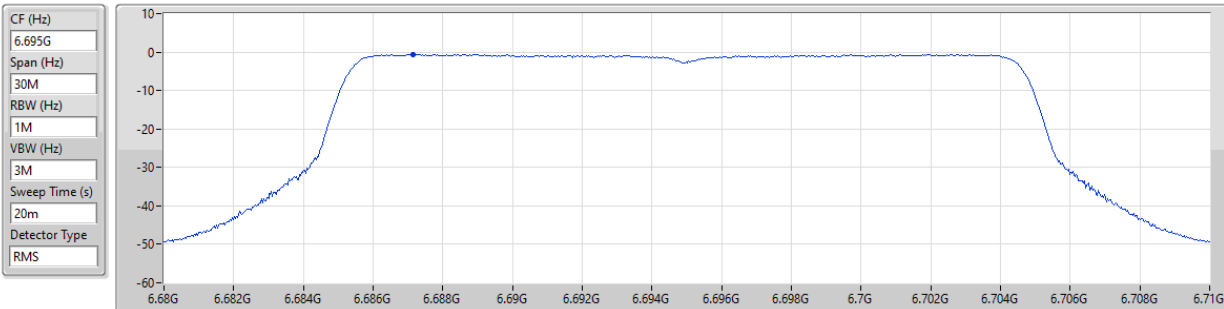


6.525-6.875GHz_802.11ax HEW20_1TX

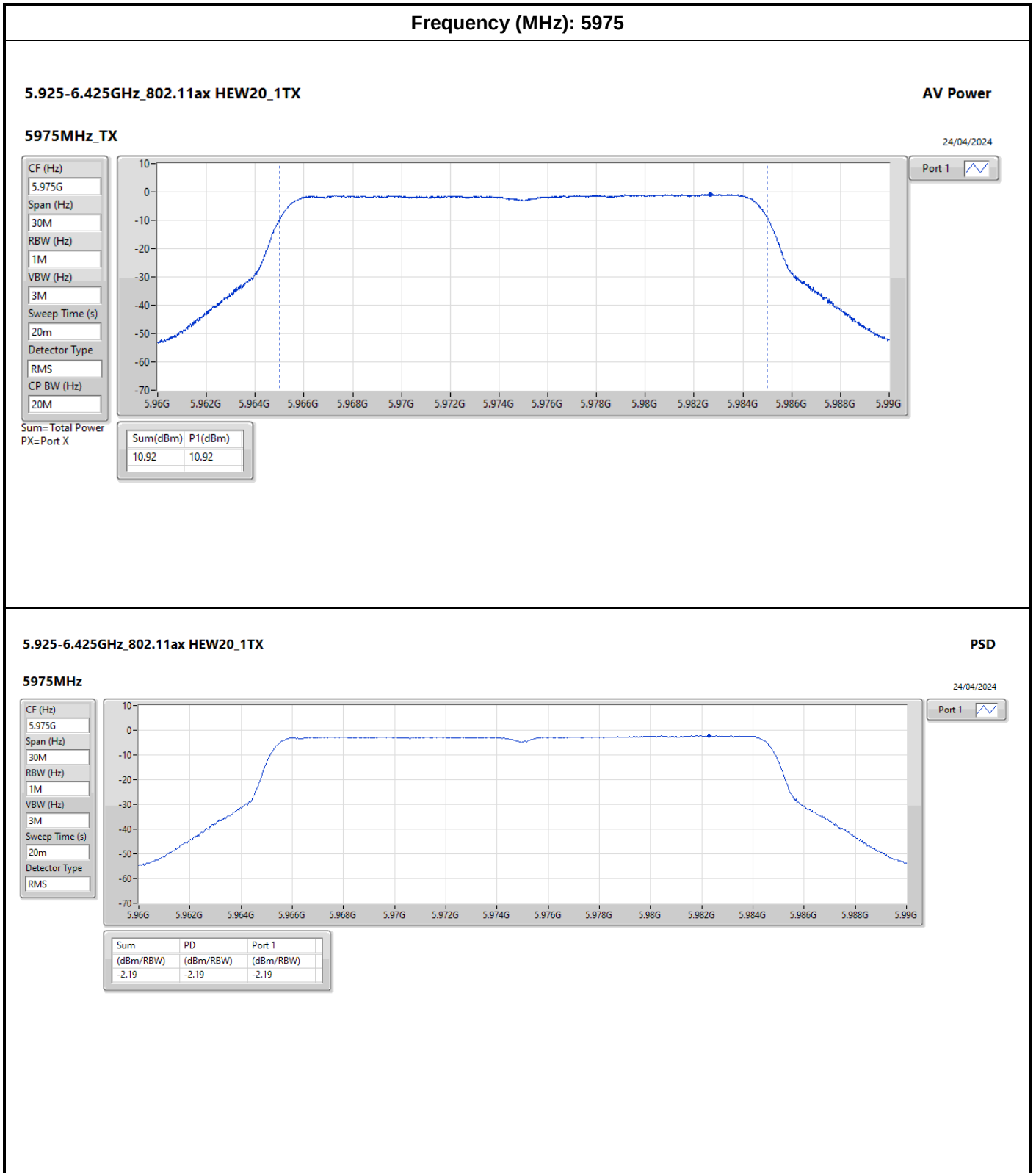
PSD

6695MHz

24/04/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.57	-0.57	-0.57



CT_AFC_SP_AP_AFCDUAU34_Channel_10624_1

Bandwidth: 20MHz

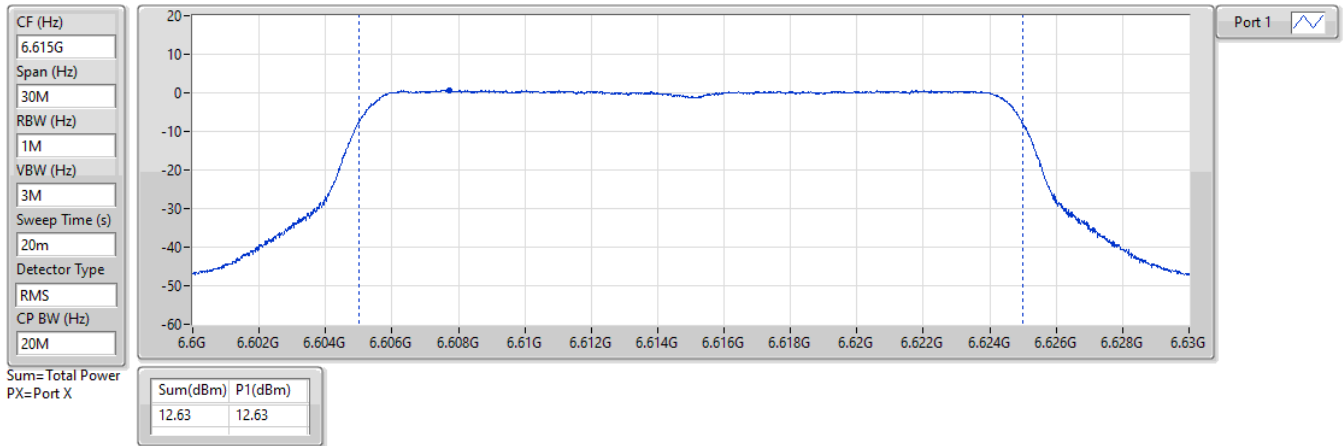
Frequency (MHz): 6615

6.525-6.875GHz_802.11ax HEW20_1TX

AV Power

6615MHz_TX

24/04/2024

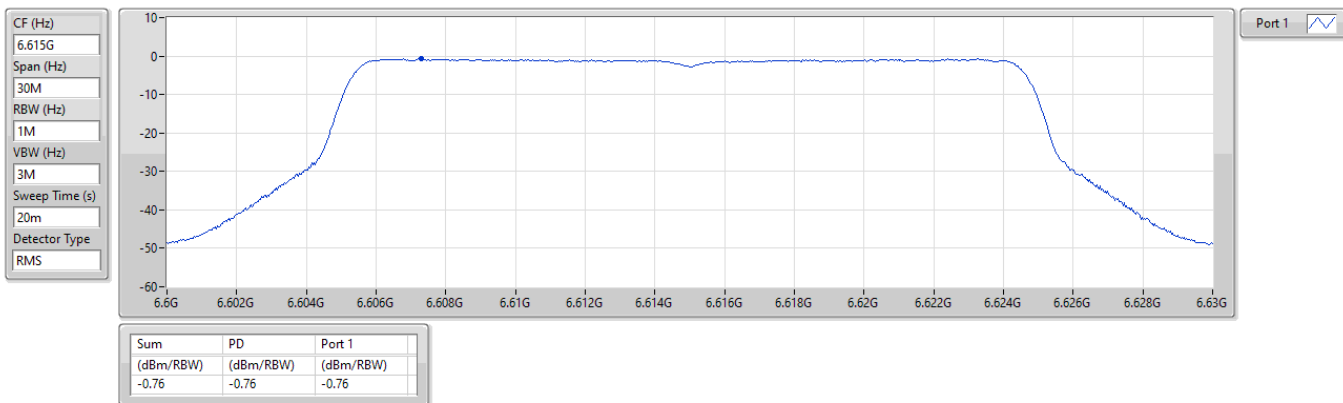


6.525-6.875GHz_802.11ax HEW20_1TX

PSD

6615MHz

24/04/2024



Frequency (MHz): 5975

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

5975MHz_TX

24/04/2024

CF (Hz)
5.975G

Span (Hz)
30M

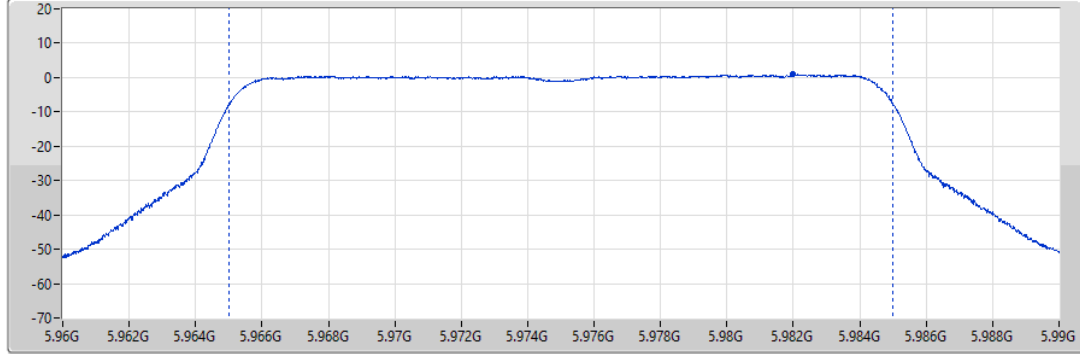
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
20M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
12.60	12.60

5.925-6.425GHz_802.11ax HEW20_1TX

PSD

5975MHz

24/04/2024

CF (Hz)
5.975G

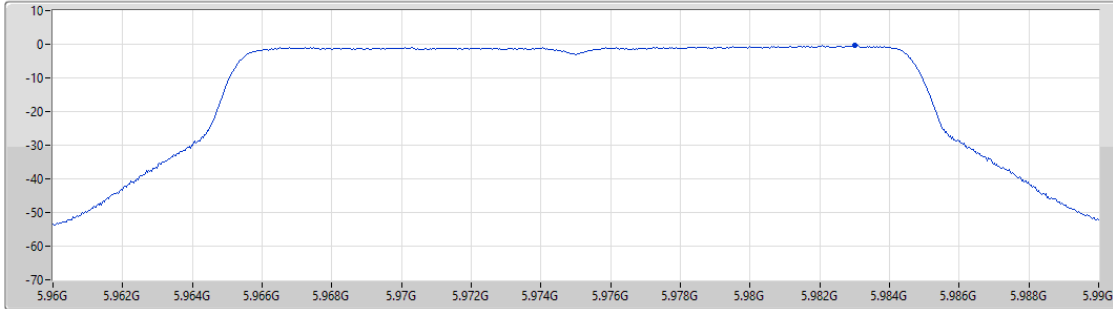
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

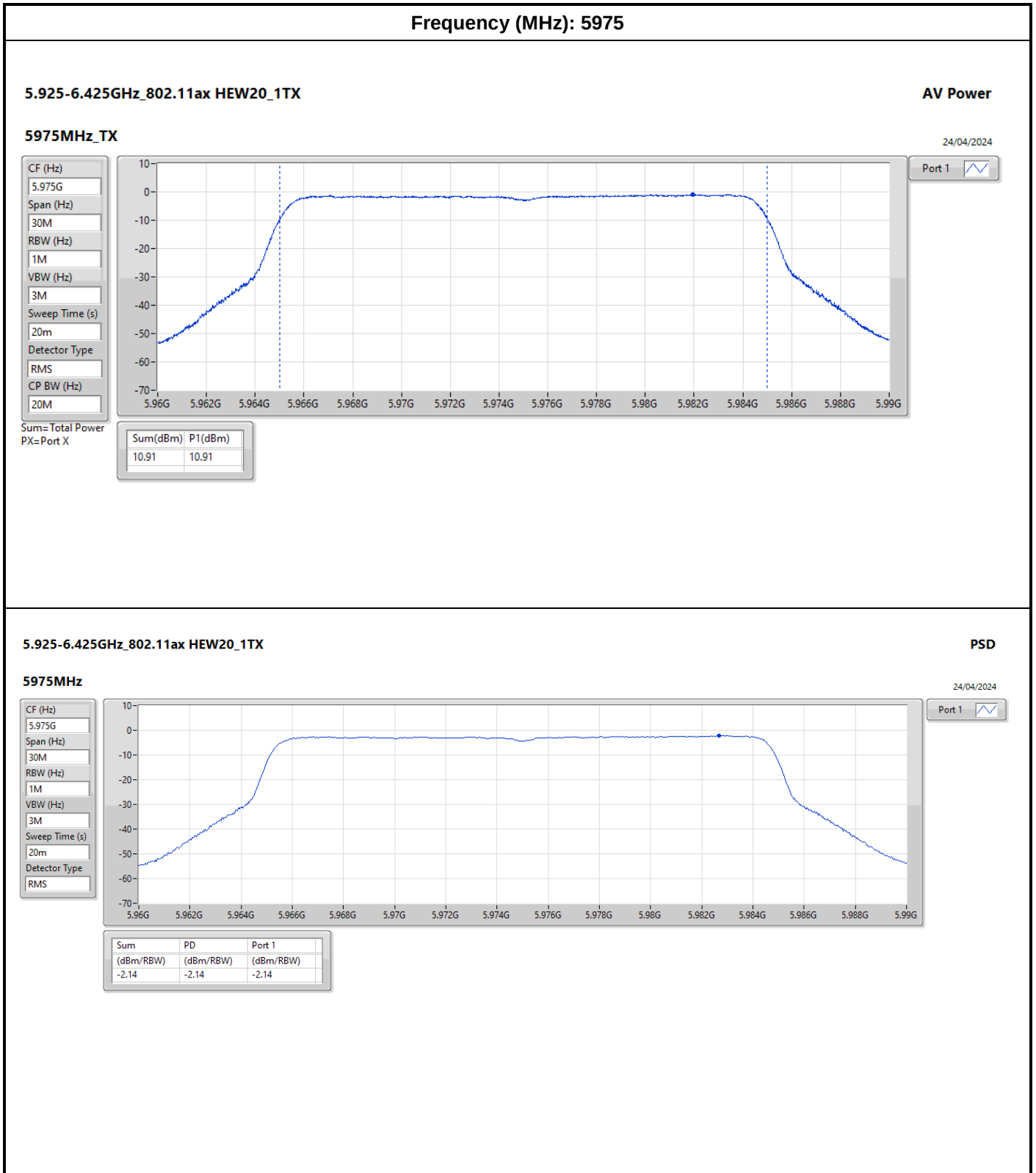
Sweep Time (s)
20m

Detector Type
RMS



Port 1

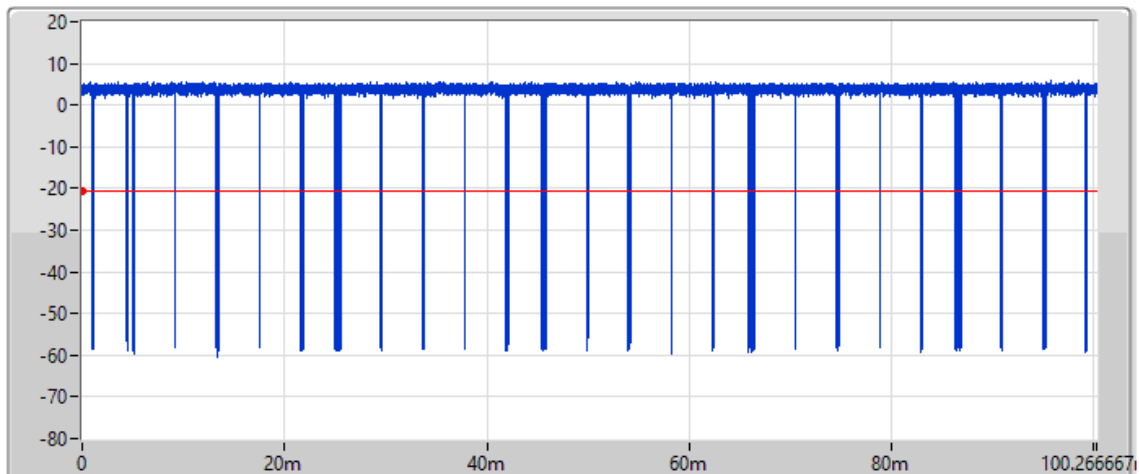
Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-0.40	-0.40	-0.40



Duty Cycle

Bandwidth: 20MHz

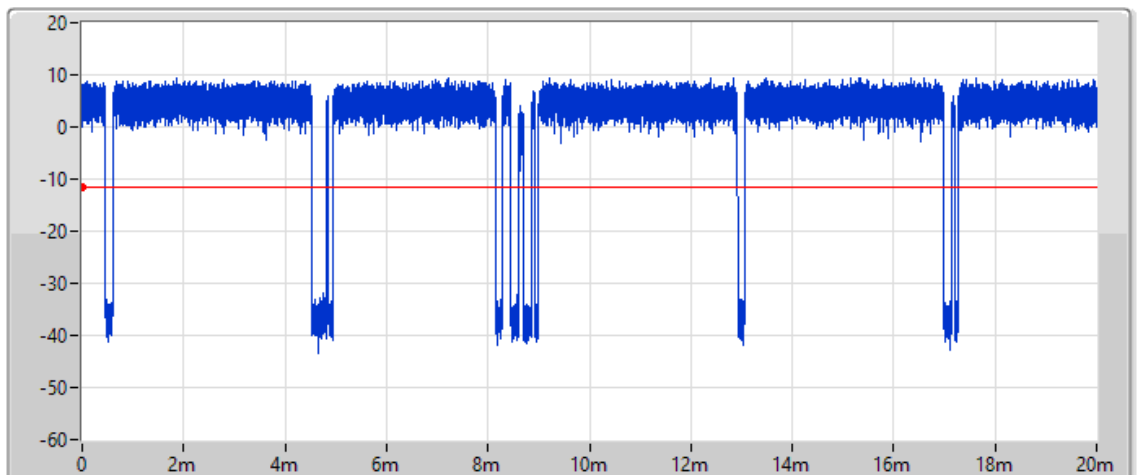
DC;ax20;BWch:20



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.975G	8M	8M	100.267m	32001	3.133344u	95.736185m	0.955

Bandwidth: 40MHz

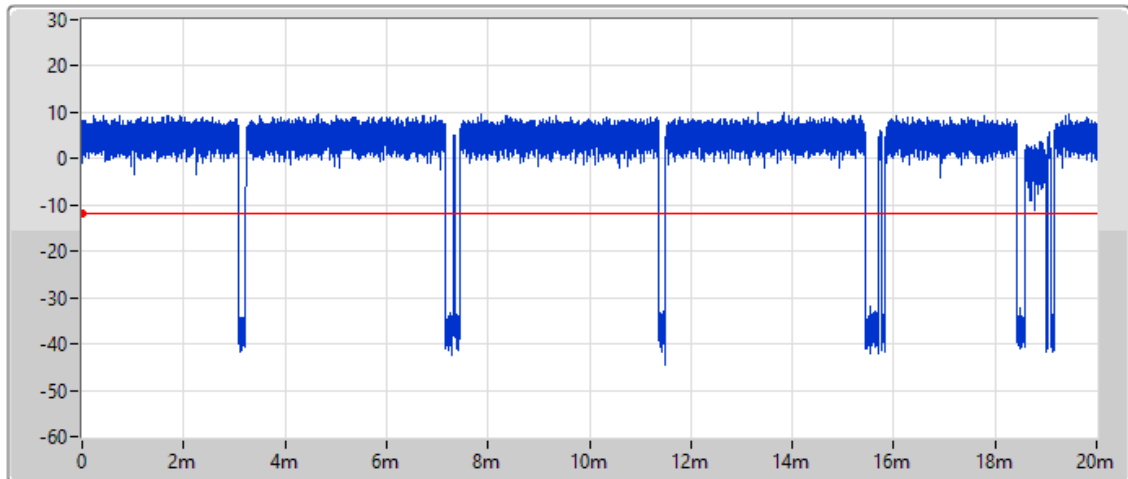
DC;ax40;BWch:40



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.965G	8M	8M	20m	32001	625n	18.62375m	0.931

Bandwidth: 80MHz

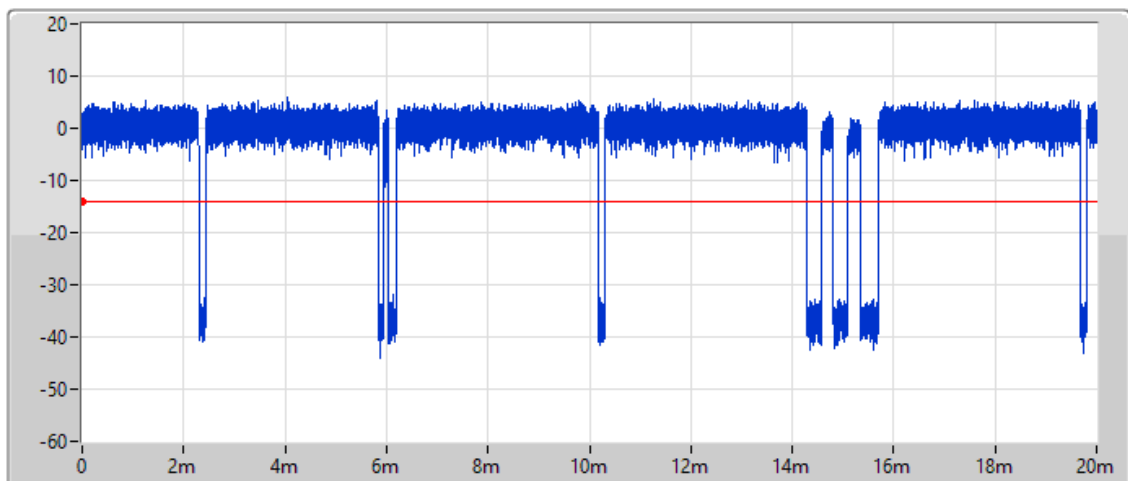
DC;ax80;BWch:80



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.965G	8M	8M	20m	32001	625n	18.8775m	0.944

Bandwidth: 160MHz

DC;ax160;BWch:160



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.965G	8M	8M	20m	32001	625n	18.438125m	0.922

—THE END—

AFC capability - Inquired Frequency
AFCD.RSA: Successful registration and spectrum access request

Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6375	LPI	20	4.77	11.68	16.45	-	N/A	-1.66	3.11	5.00	Pass
6695	SP	20	5.56	16.62	22.18	-	N/A	3.29	8.85	16.82	Pass
6215	SP	20	4.77	17.14	21.91	-	N/A	4.09	8.86	14.70	Pass
6205	LPI	40	4.77	14.18	18.95	-	N/A	-1.94	2.83	5.00	Pass
6045	SP	40	4.77	18.14	22.91	-	N/A	2.02	6.79	15.13	Pass
6605	SP	40	5.56	17.96	23.52	-	N/A	1.51	7.07	12.94	Pass
5985	LPI	80	4.77	16.61	21.38	-	N/A	-2.43	2.34	5.00	Pass
6065	SP	80	4.77	17.95	22.72	-	N/A	-1.14	3.63	15.45	Pass
6385	SP	80	4.77	17.71	22.48	-	N/A	-1.33	3.44	10.13	Pass
6025	LPI	160	4.77	15.90	20.67	-	N/A	-5.45	-0.68	5.00	Pass
6665	SP	160	5.56	17.17	22.73	-	N/A	-4.45	1.11	10.49	Pass
6185	SP	160	4.77	17.08	21.85	-	N/A	-4.91	-0.14	9.10	Pass

AFCD.USA: Unsuccessful spectrum access request

Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
5975	LPI	20	4.77	10.99	15.76	-	N/A	-2.24	2.53	5.00	Pass
5975	LPI	20	4.77	11.01	15.78	-	N/A	-2.21	2.56	5.00	Pass

AFCD.SAU: Successful spectrum access update

Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6055	LPI	20	4.77	11.64	16.41	-	N/A	-1.37	3.40	5.00	Pass
6135	SP	20	4.77	17.58	22.35	-	N/A	4.26	9.03	18.90	Pass
6615	SP	20	5.56	15.72	21.28	-	N/A	2.54	8.10	16.51	Pass

AFCD.UAU: Unsuccessful spectrum access update

Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6215	LPI	20	4.77	10.95	15.72	-	N/A	-2.36	2.41	5.00	Pass
6775	SP	20	5.56	15.75	21.31	-	N/A	2.37	7.93	23.00	Pass
6295	LPI	20	4.77	11.25	16.02	-	N/A	-2.15	2.62	5.00	Pass

AFC capability - Inquired Frequency

CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1

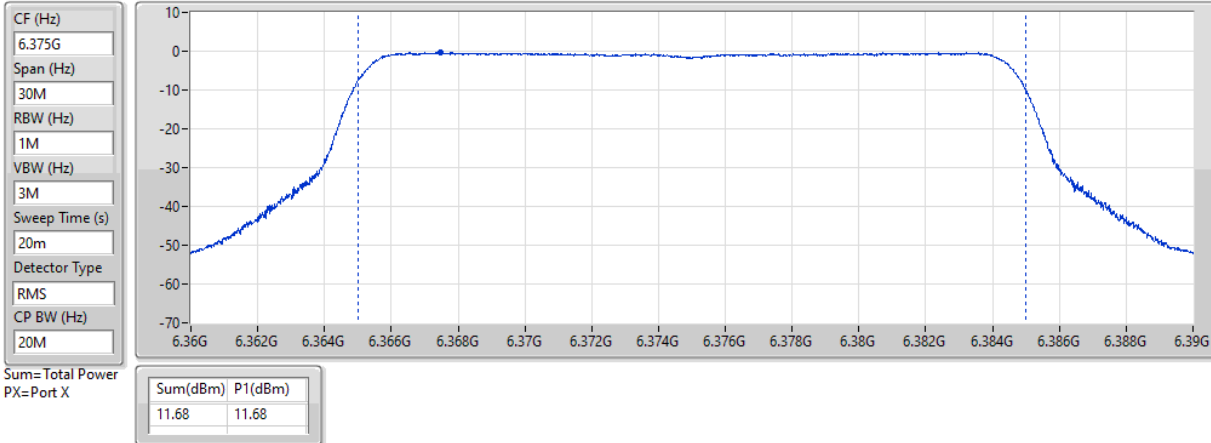
Frequency (MHz): 6375

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

6375MHz_TX

21/06/2024

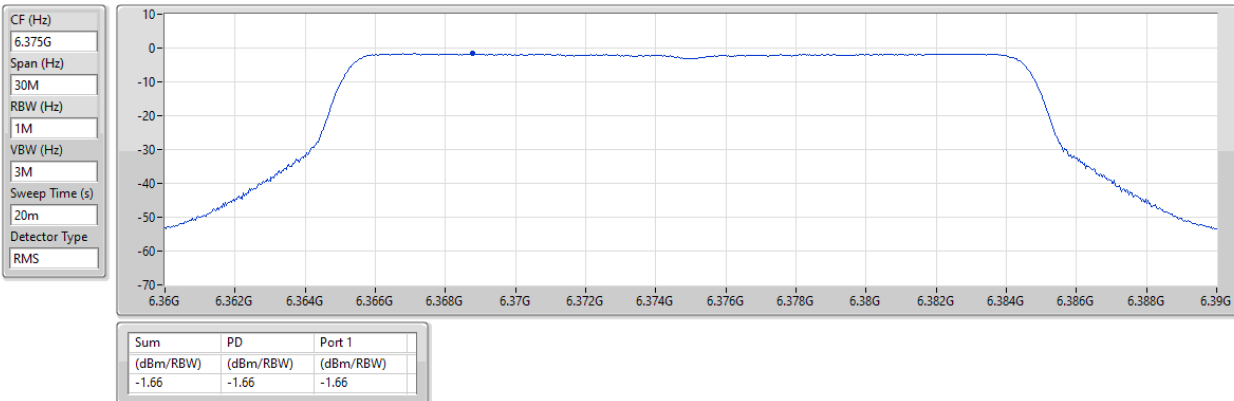


5.925-6.425GHz_802.11ax HEW20_1TX

PSD

6375MHz

21/06/2024



Frequency (MHz): 6695

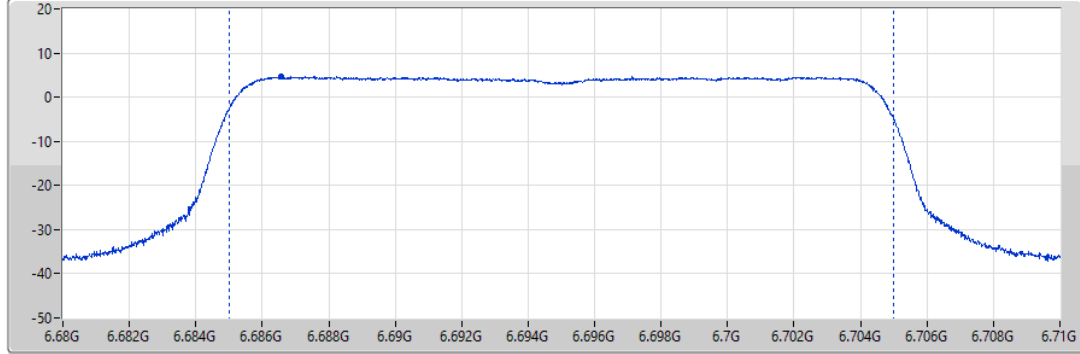
6.525-6.875GHz_802.11ax HEW20_1TX

AV Power

6695MHz_TX

21/06/2024

CF (Hz)
6.695G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
20M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
16.62	16.62

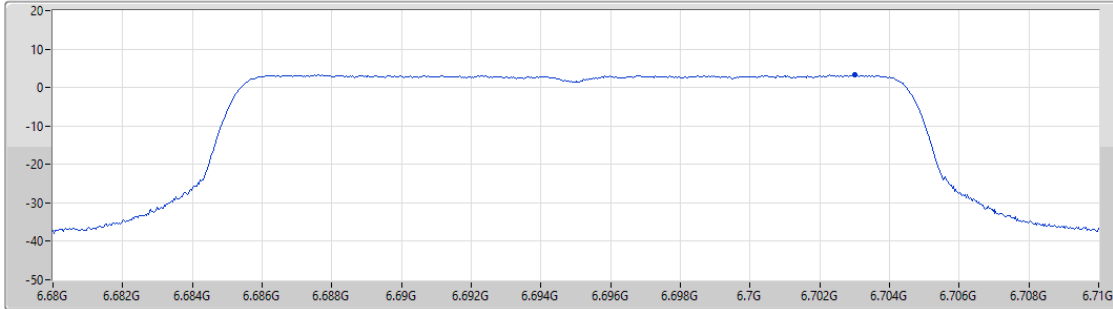
6.525-6.875GHz_802.11ax HEW20_1TX

PSD

6695MHz

21/06/2024

CF (Hz)
6.695G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
3.29	3.29	3.29

Frequency (MHz): 6215

5.925-6.425GHz_802.11ax HEW20_1TX

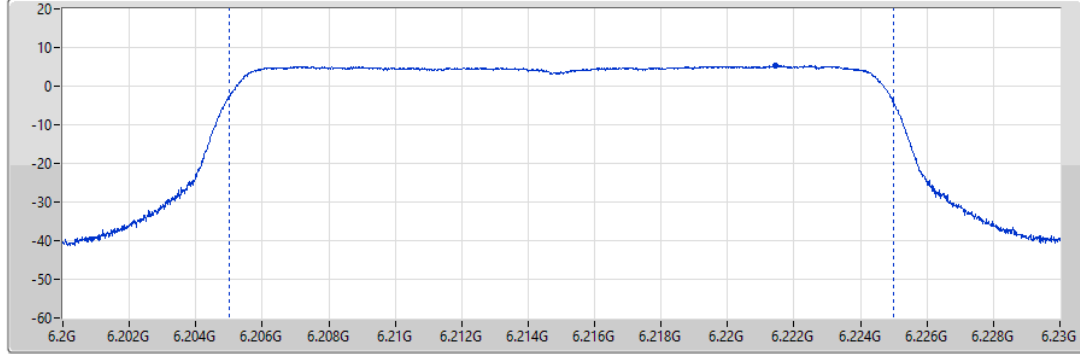
AV Power

6215MHz_TX

21/06/2024

CF (Hz)
6.215G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
20M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
17.14	17.14

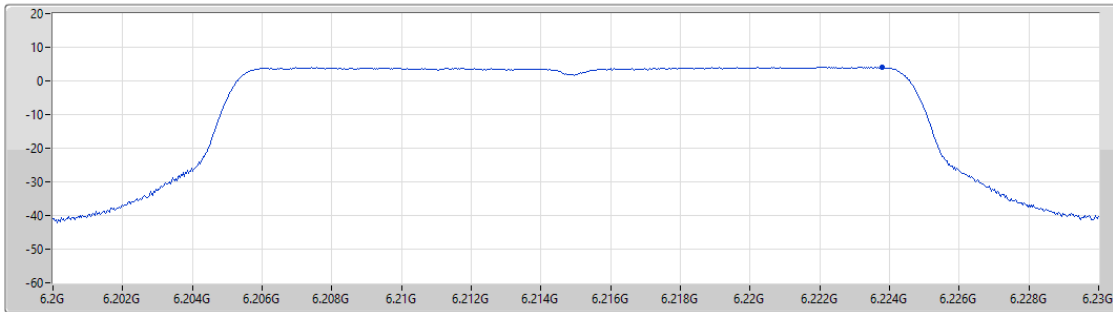
5.925-6.425GHz_802.11ax HEW20_1TX

PSD

6215MHz

21/06/2024

CF (Hz)
6.215G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
4.09	4.09	4.09

CT_AFC_SP_AP_AFCRSA31_Frequency_40MHz_10612_1

Frequency (MHz): 6205

5.925-6.425GHz_802.11ax HEW40_1TX

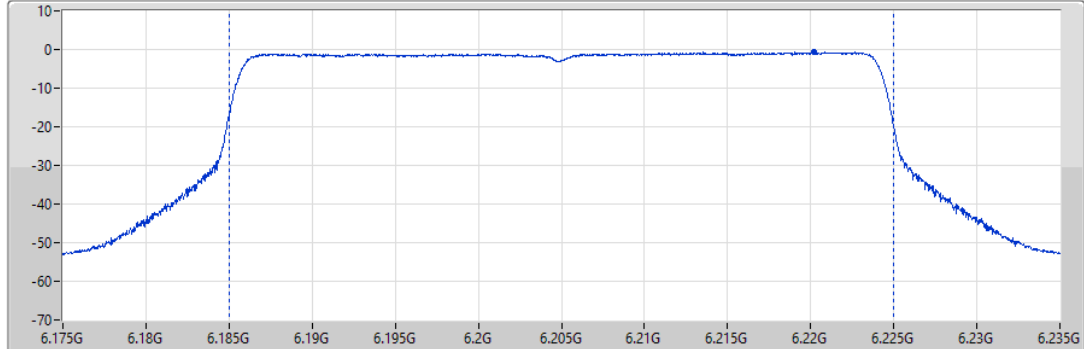
AV Power

6205MHz_TX

21/06/2024

CF (Hz)
6.205G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
40M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
14.18	14.18

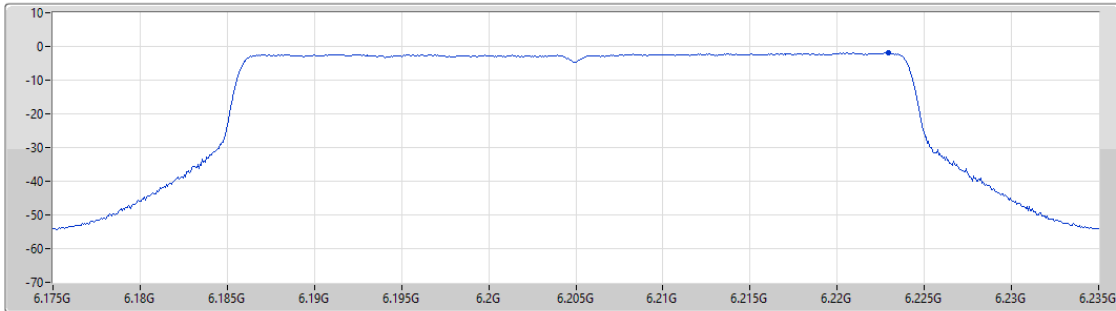
5.925-6.425GHz_802.11ax HEW40_1TX

PSD

6205MHz

21/06/2024

CF (Hz)
6.205G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-1.94	-1.94	-1.94

Frequency (MHz): 6045

5.925-6.425GHz_802.11ax HEW40_1TX

AV Power

6045MHz_TX

21/06/2024

CF (Hz)
6.045G

Span (Hz)
60M

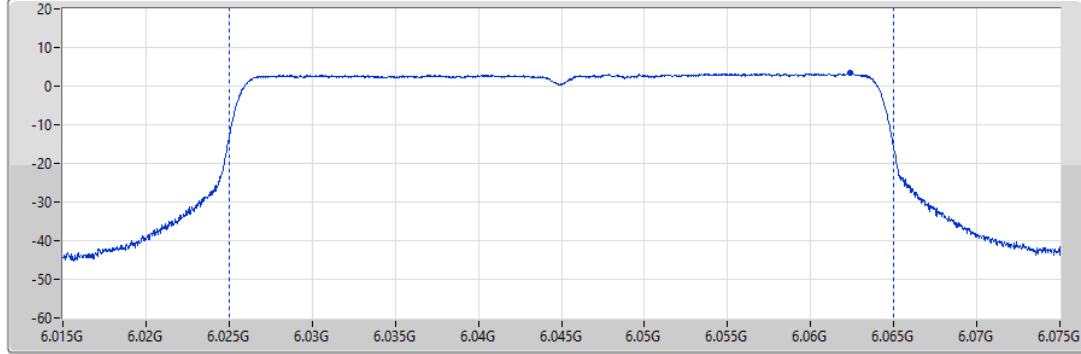
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
40M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
18.14	18.14

5.925-6.425GHz_802.11ax HEW40_1TX

PSD

6045MHz

21/06/2024

CF (Hz)
6.045G

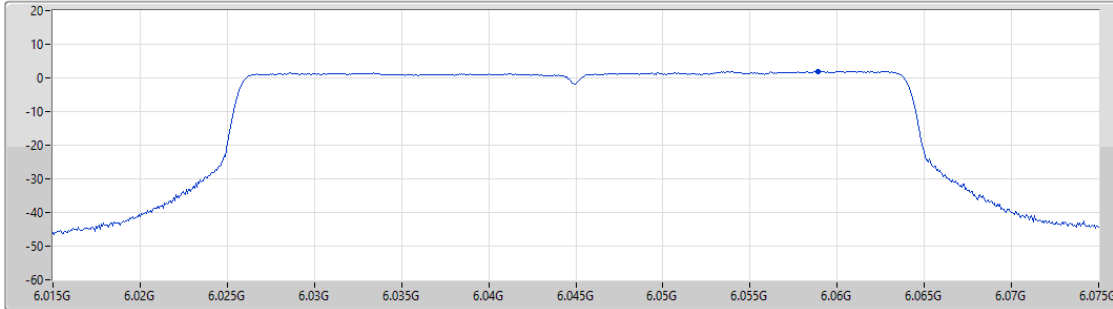
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
2.02	2.02	2.02

Frequency (MHz): 6605

6.525-6.875GHz_802.11ax HEW40_1TX

AV Power

6605MHz_TX

21/06/2024

CF (Hz)
6.605G

Span (Hz)
60M

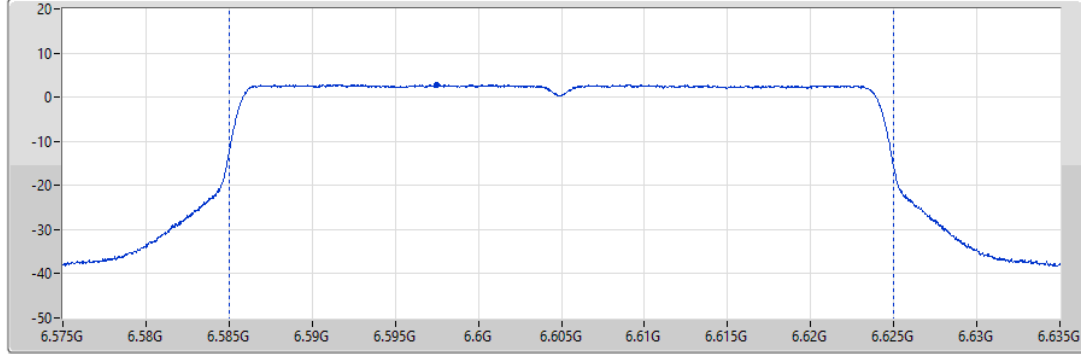
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
40M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
17.96	17.96

6.525-6.875GHz_802.11ax HEW40_1TX

PSD

6605MHz

21/06/2024

CF (Hz)
6.605G

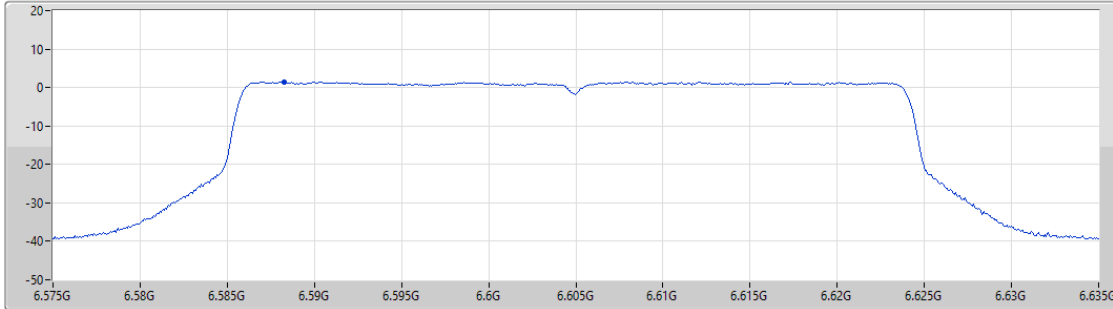
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.51	1.51	1.51

CT_AFC_SP_AP_AFCRSA31_Frequency_80MHz_10613_1

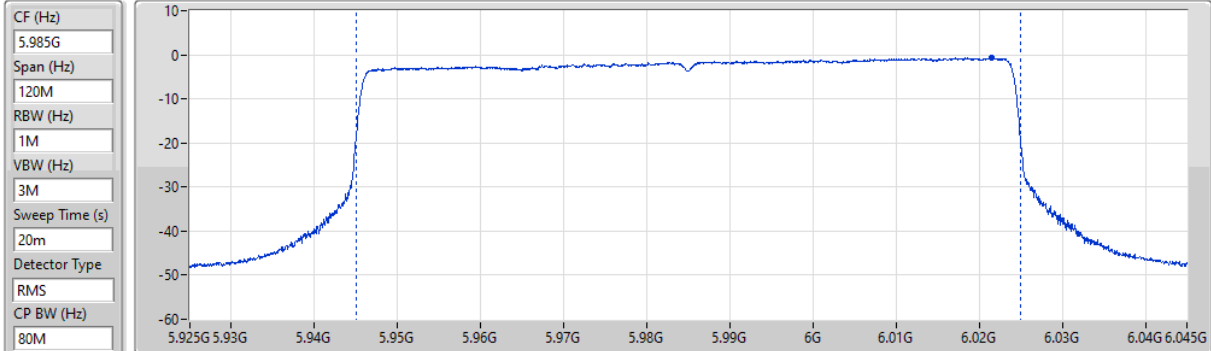
Frequency (MHz): 5985

5.925-6.425GHz_802.11ax HEW80_1TX

AV Power

5985MHz_TX

22/06/2024



Sum=Total Power
PX=Port X

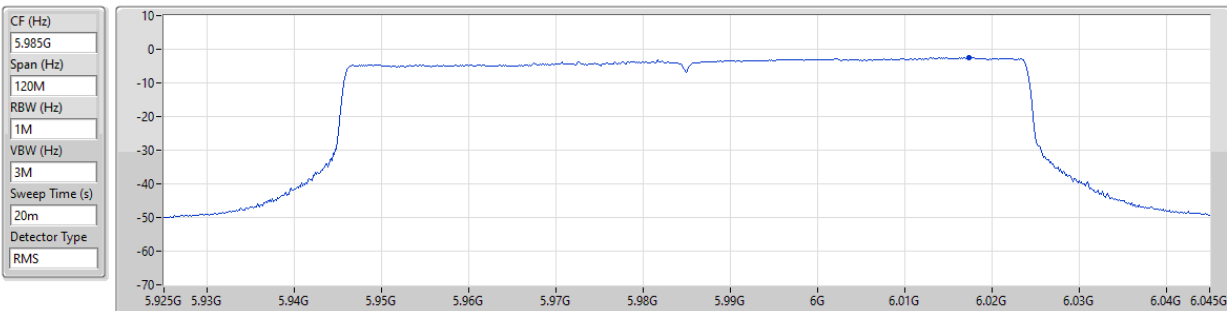
Sum(dBm)	P1(dBm)
16.61	16.61

5.925-6.425GHz_802.11ax HEW80_1TX

PSD

5985MHz

22/06/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.43	-2.43	-2.43

Frequency (MHz): 6065

5.925-6.425GHz_802.11ax HEW80_1TX

AV Power

6065MHz_TX

22/06/2024

CF (Hz)
6.065G

Span (Hz)
120M

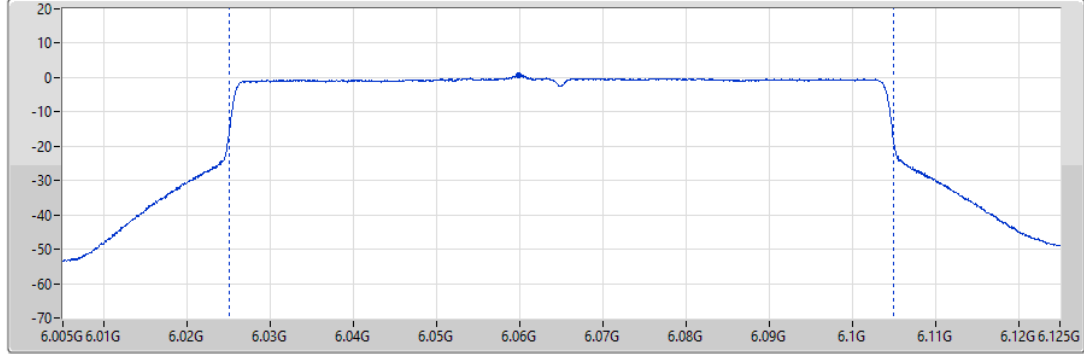
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
80M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
17.95	17.95

5.925-6.425GHz_802.11ax HEW80_1TX

PSD

6065MHz

22/06/2024

CF (Hz)
6.065G

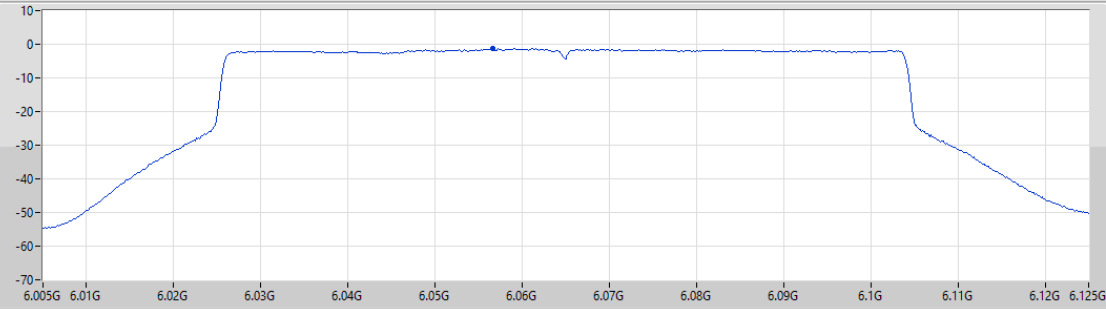
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-1.14	-1.14	-1.14



5.925-6.425GHz_802.11ax HEW80_1TX

PSD

CF (Hz)
6.385G

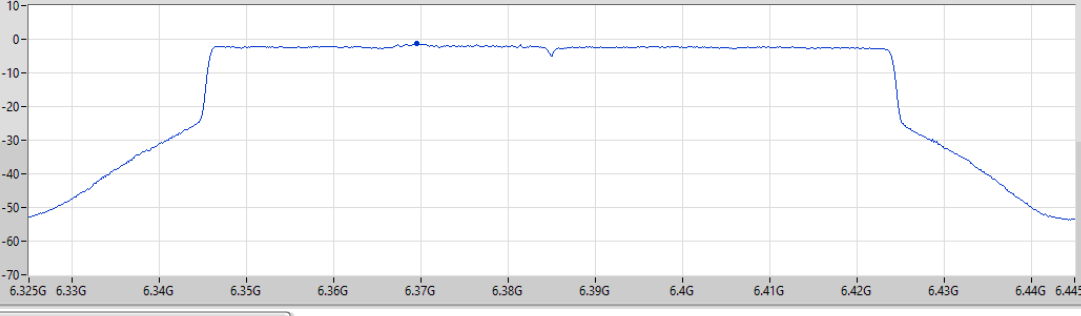
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.33	-1.33	-1.33

CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1

Frequency (MHz): 6025

5.925-6.425GHz_802.11ax HEW160_1TX

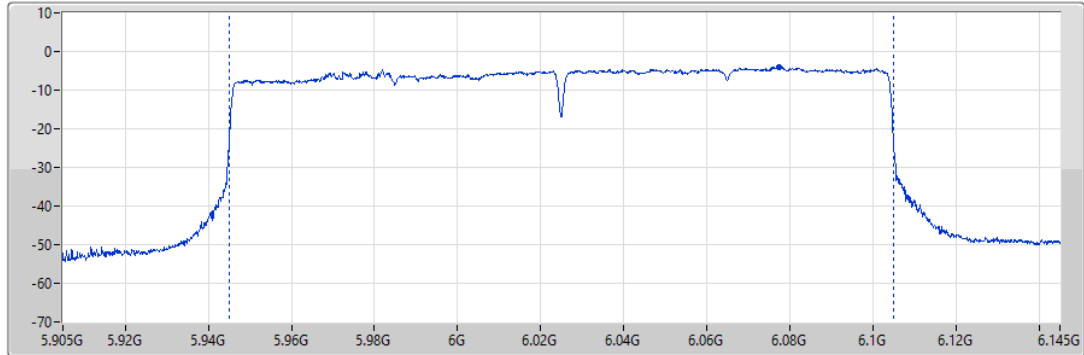
AV Power

6025MHz_TX

22/06/2024

CF (Hz)
6.025G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
160M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
15.90	15.90

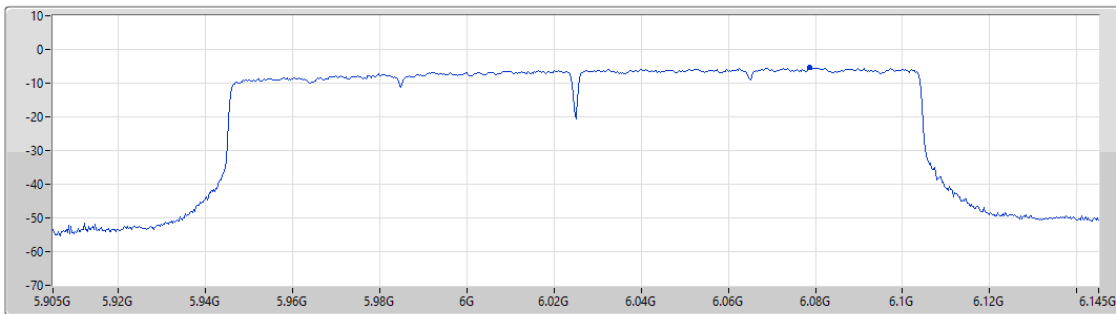
5.925-6.425GHz_802.11ax HEW160_1TX

PSD

6025MHz

22/06/2024

CF (Hz)
6.025G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
-5.45	-5.45	-5.45

Frequency (MHz): 6665

6.525-6.875GHz_802.11ax HEW160_1TX

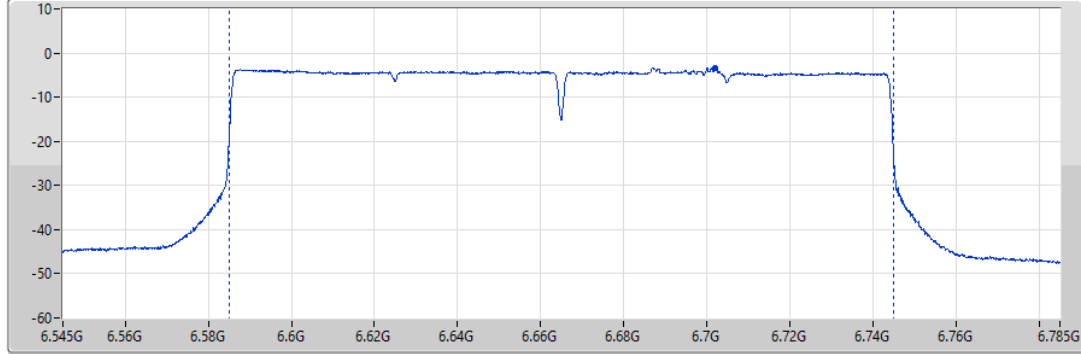
AV Power

6665MHz_TX

22/06/2024

CF (Hz)
6.665G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
160M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
17.17	17.17

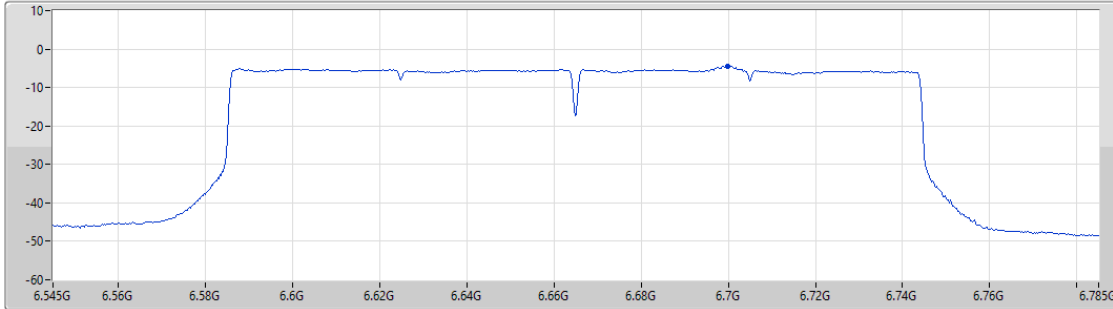
6.525-6.875GHz_802.11ax HEW160_1TX

PSD

6665MHz

22/06/2024

CF (Hz)
6.665G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.45	-4.45	-4.45

Frequency (MHz): 6185

5.925-6.425GHz_802.11ax HEW160_1TX

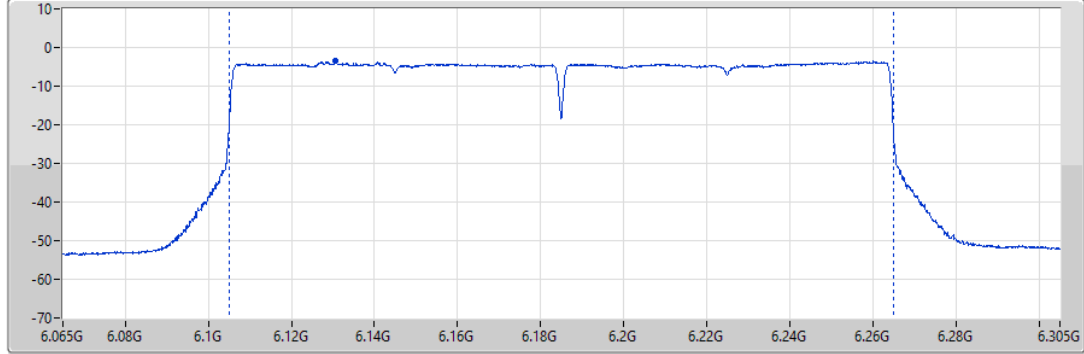
AV Power

6185MHz_TX

22/06/2024

CF (Hz)
6.185G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
160M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
17.08	17.08

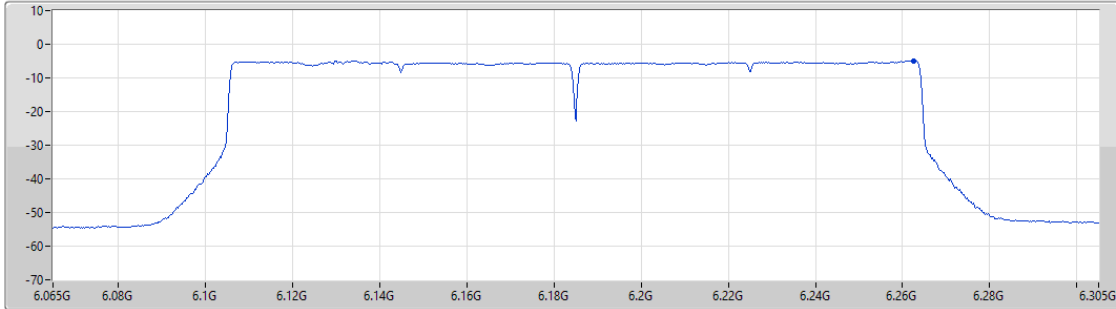
5.925-6.425GHz_802.11ax HEW160_1TX

PSD

6185MHz

22/06/2024

CF (Hz)
6.185G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.91	-4.91	-4.91

CT_AFC_SP_AP_AFCDUSA32_Frequency_10615_1

Bandwidth: 20MHz

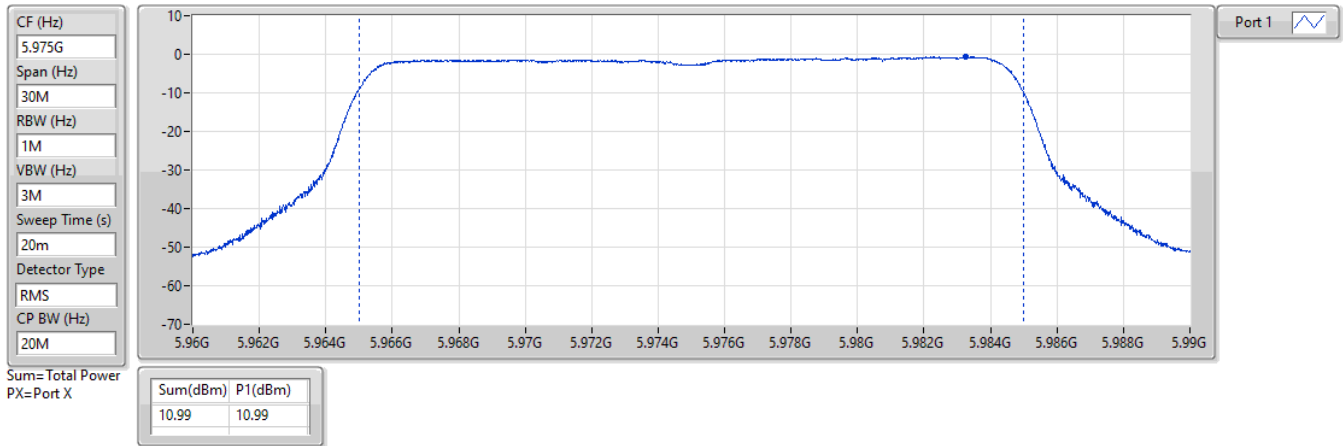
Frequency (MHz): 5975

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

5975MHz_TX

22/06/2024

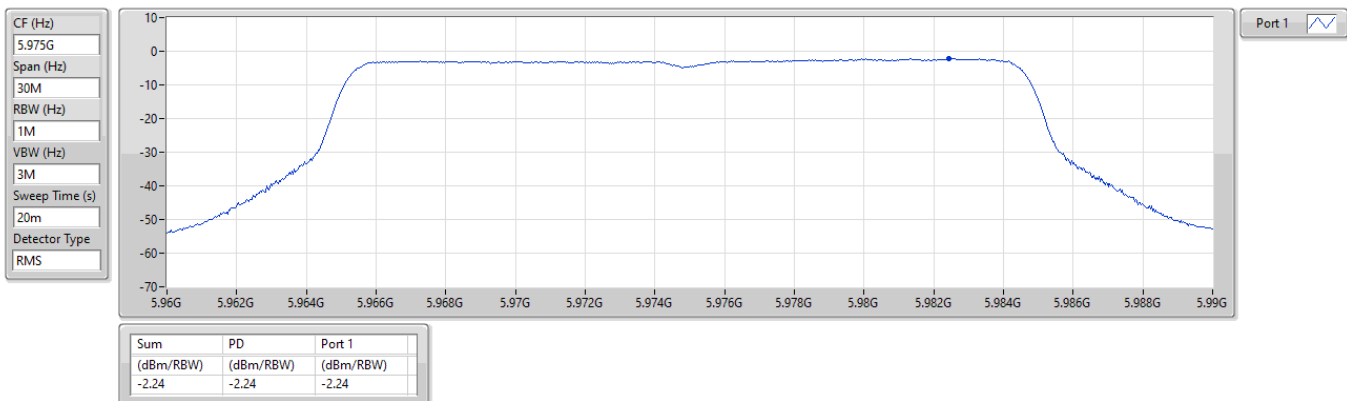


5.925-6.425GHz_802.11ax HEW20_1TX

PSD

5975MHz

22/06/2024



Frequency (MHz): 5975

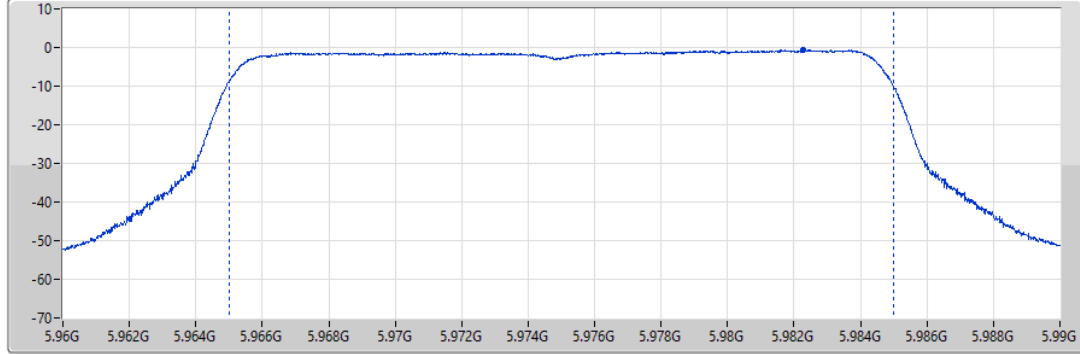
5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

5975MHz_TX

22/06/2024

CF (Hz)
5.975G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
20M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
11.01	11.01

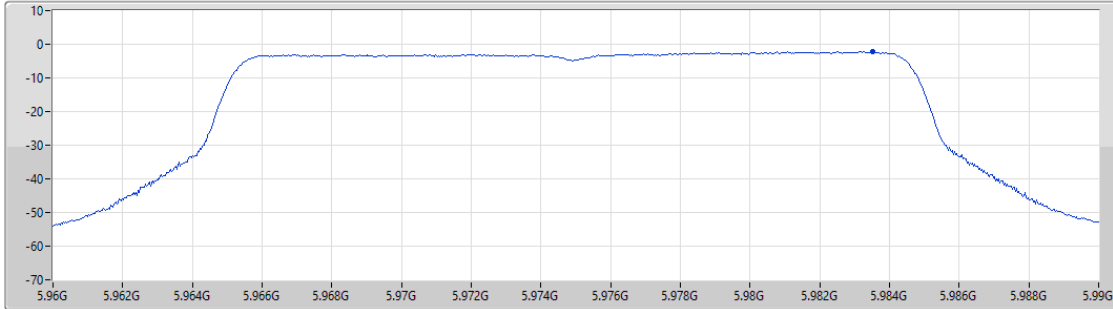
5.925-6.425GHz_802.11ax HEW20_1TX

PSD

5975MHz

22/06/2024

CF (Hz)
5.975G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-2.21	-2.21	-2.21

CT_AFC_SP_AP_AFCDSAU33_Frequency_10616_1

Bandwidth: 20MHz

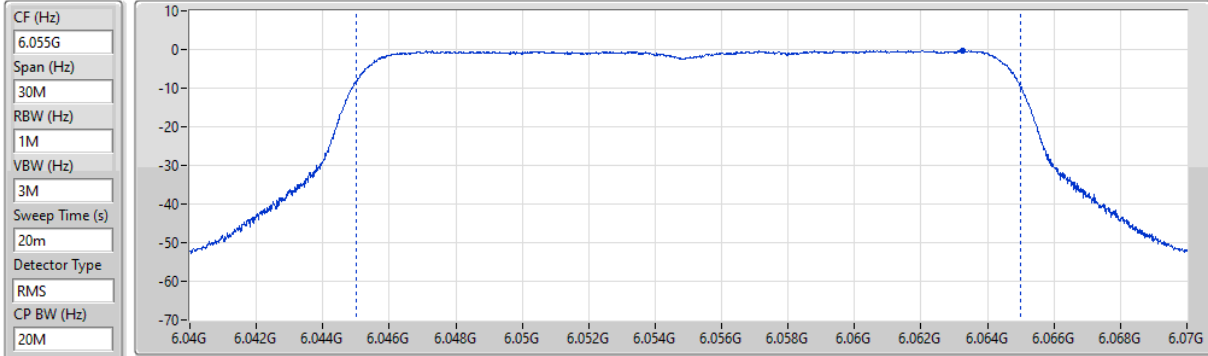
Frequency (MHz): 6055

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

6055MHz_TX

22/06/2024



Sum= Total Power
PX=Port X

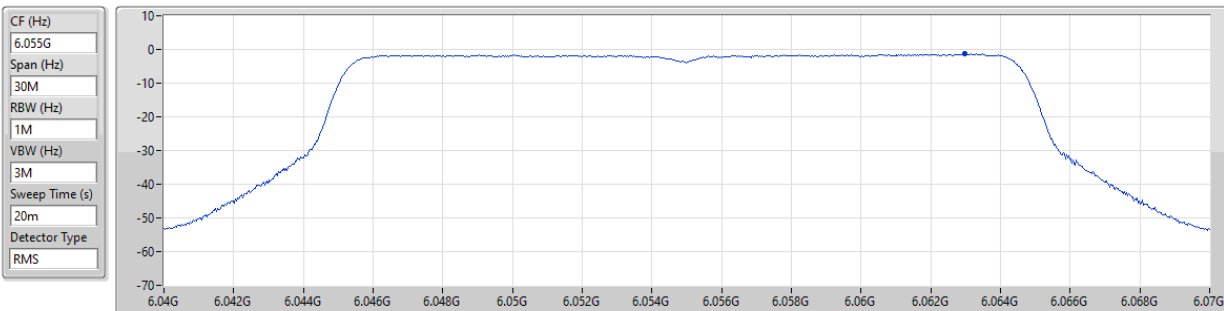
Sum(dBm)	P1(dBm)
11.64	11.64

5.925-6.425GHz_802.11ax HEW20_1TX

PSD

6055MHz

22/06/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.37	-1.37	-1.37

Frequency (MHz): 6135

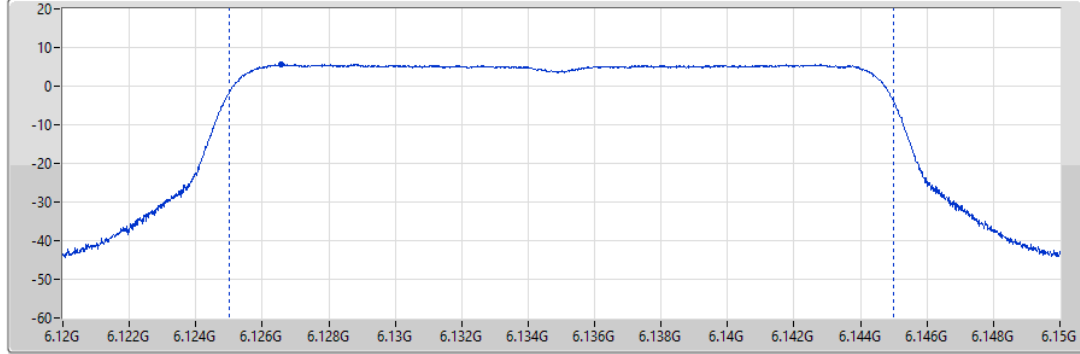
5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

6135MHz_TX

22/06/2024

CF (Hz)
6.135G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
20M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
17.58	17.58

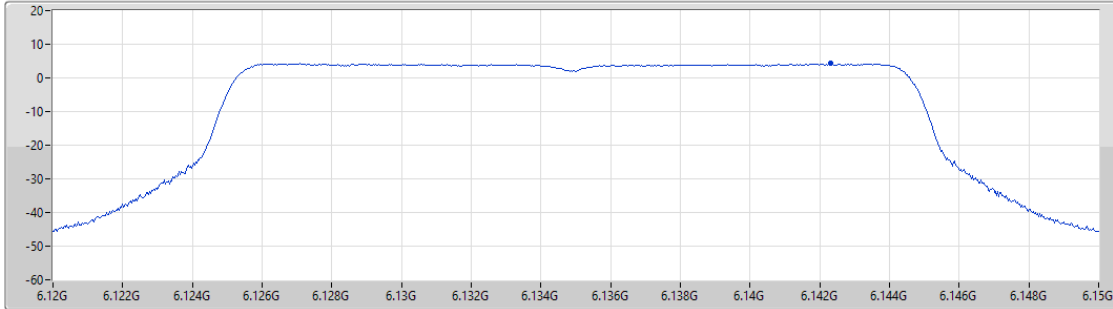
5.925-6.425GHz_802.11ax HEW20_1TX

PSD

6135MHz

22/06/2024

CF (Hz)
6.135G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
4.26	4.26	4.26

Frequency (MHz): 6615

6.525-6.875GHz_802.11ax HEW20_1TX

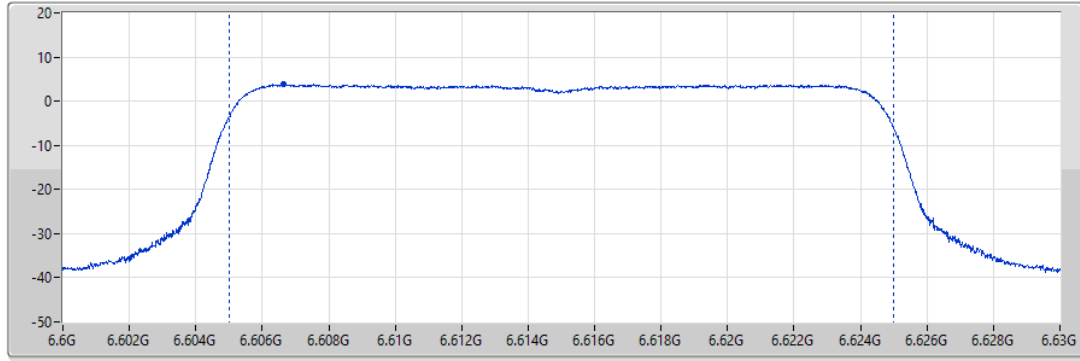
AV Power

6615MHz_TX

22/06/2024

CF (Hz)
6.615G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
20M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
15.72	15.72

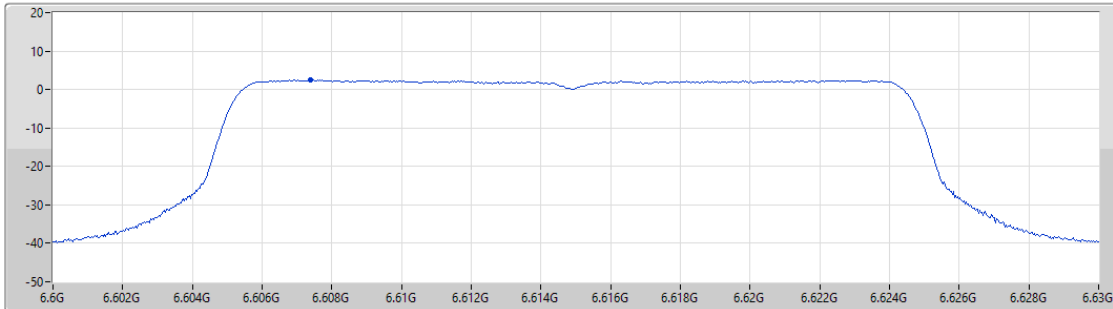
6.525-6.875GHz_802.11ax HEW20_1TX

PSD

6615MHz

22/06/2024

CF (Hz)
6.615G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.54	2.54	2.54

CT_AFC_SP_AP_AFCDUAU34_Frequency_10617_1

Bandwidth: 20MHz

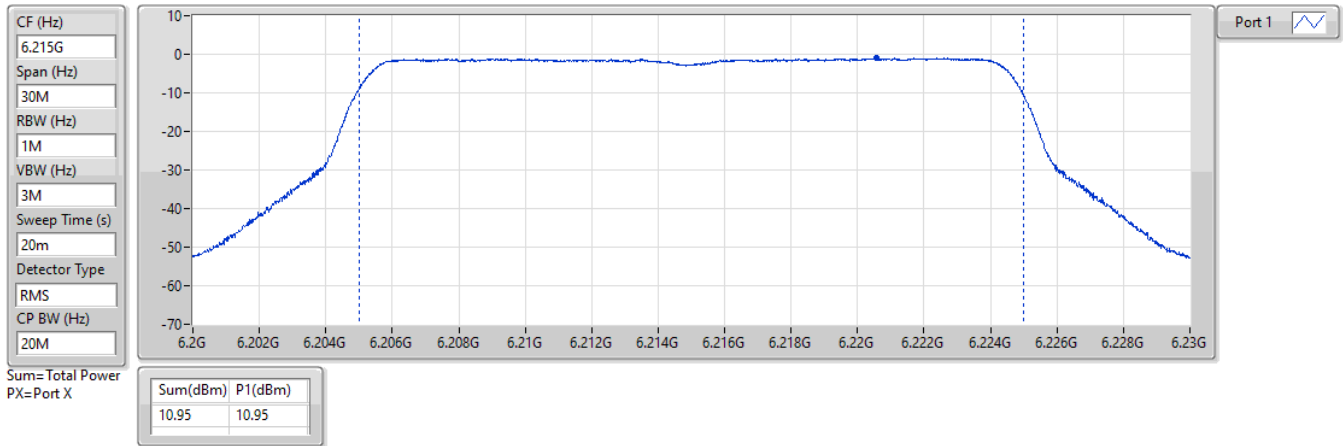
Frequency (MHz): 6215

5.925-6.425GHz_802.11ax HEW20_1TX

AV Power

6215MHz_TX

22/06/2024

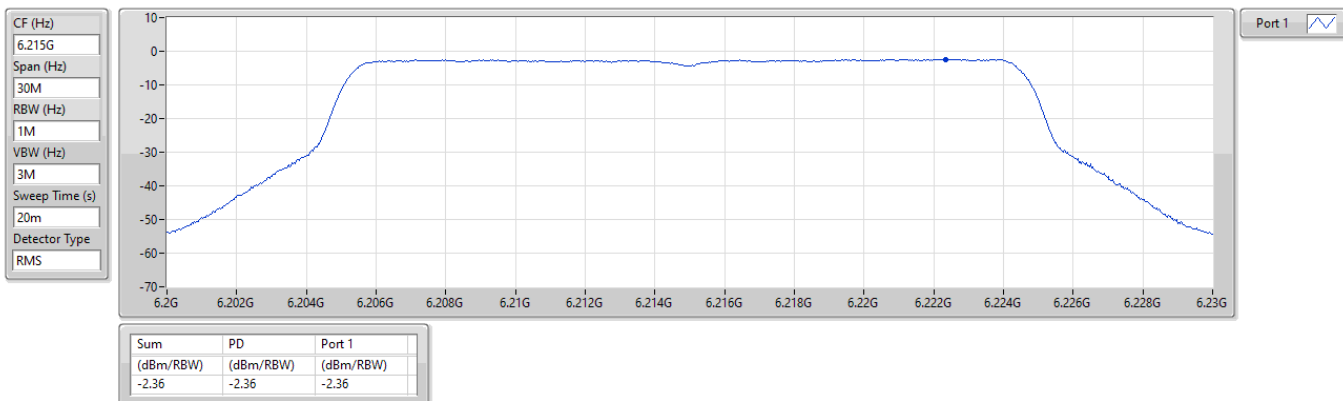


5.925-6.425GHz_802.11ax HEW20_1TX

PSD

6215MHz

22/06/2024



Frequency (MHz): 6775

6.525-6.875GHz_802.11ax HEW20_1TX

AV Power

6775MHz_TX

22/06/2024

CF (Hz)
6.775G

Span (Hz)
30M

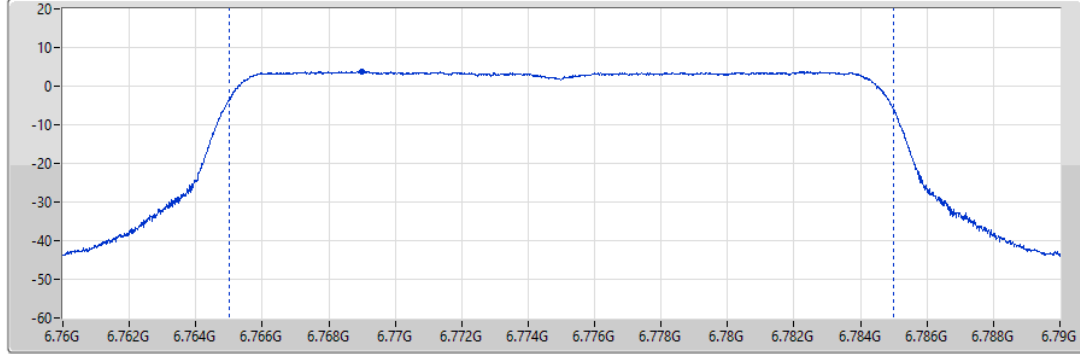
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
20M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
15.75	15.75

6.525-6.875GHz_802.11ax HEW20_1TX

PSD

6775MHz

22/06/2024

CF (Hz)
6.775G

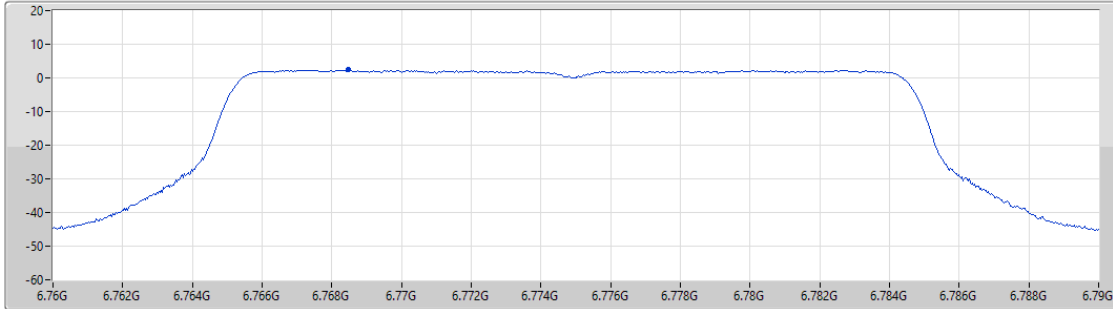
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

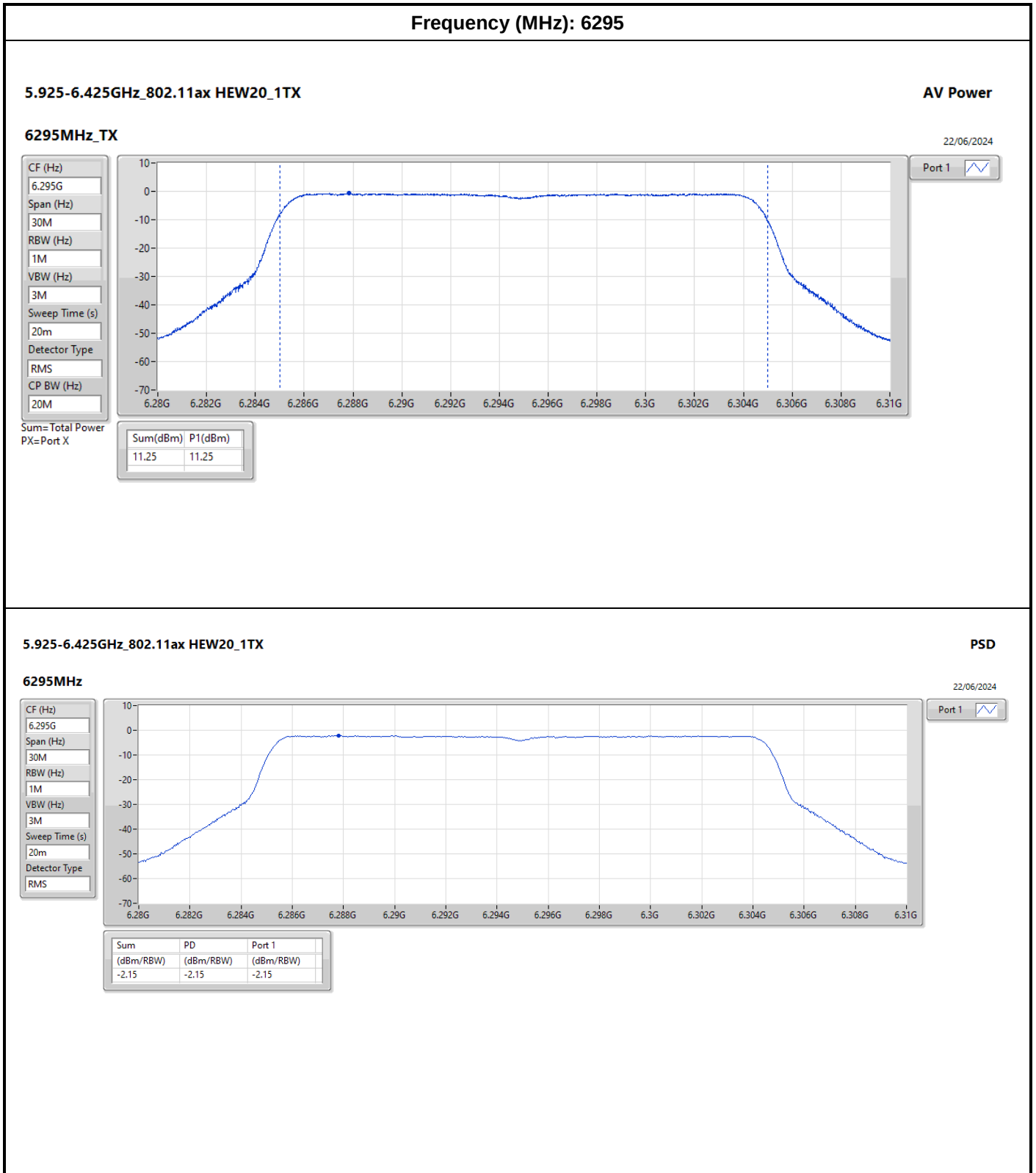
Sweep Time (s)
20m

Detector Type
RMS



Port 1

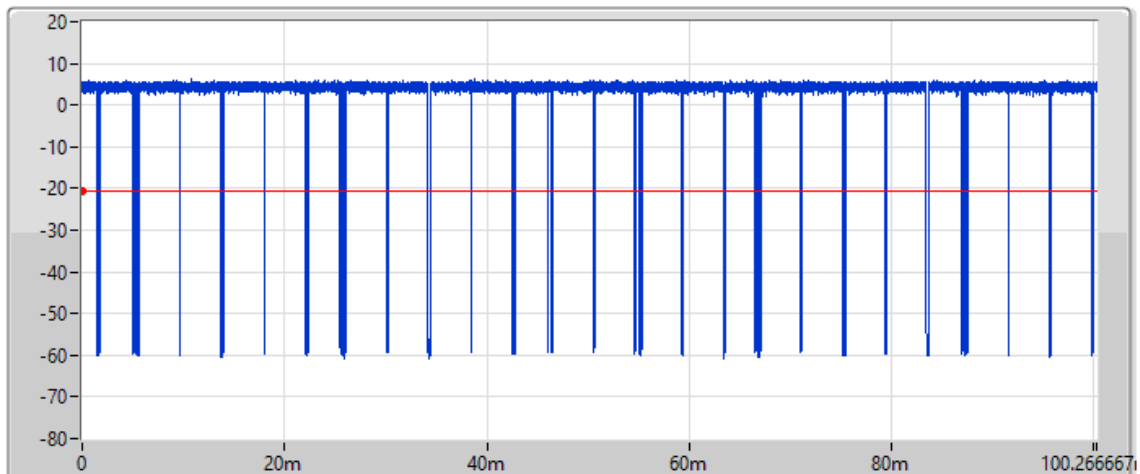
Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
2.37	2.37	2.37



Duty Cycle

Bandwidth: 20MHz

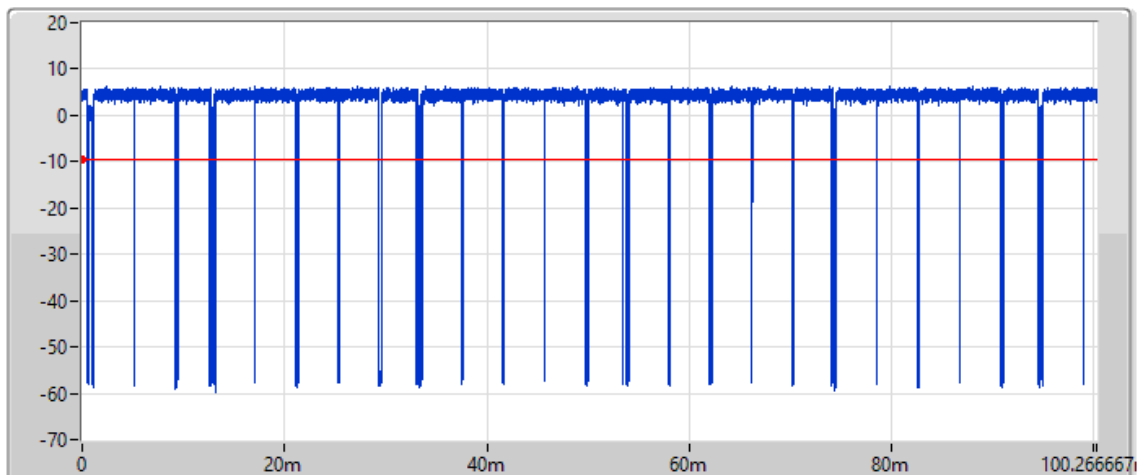
DC;ax20;BWch:20



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.375G	8M	8M	100.267m	32001	3.133344u	95.269317m	0.95

Bandwidth: 40MHz

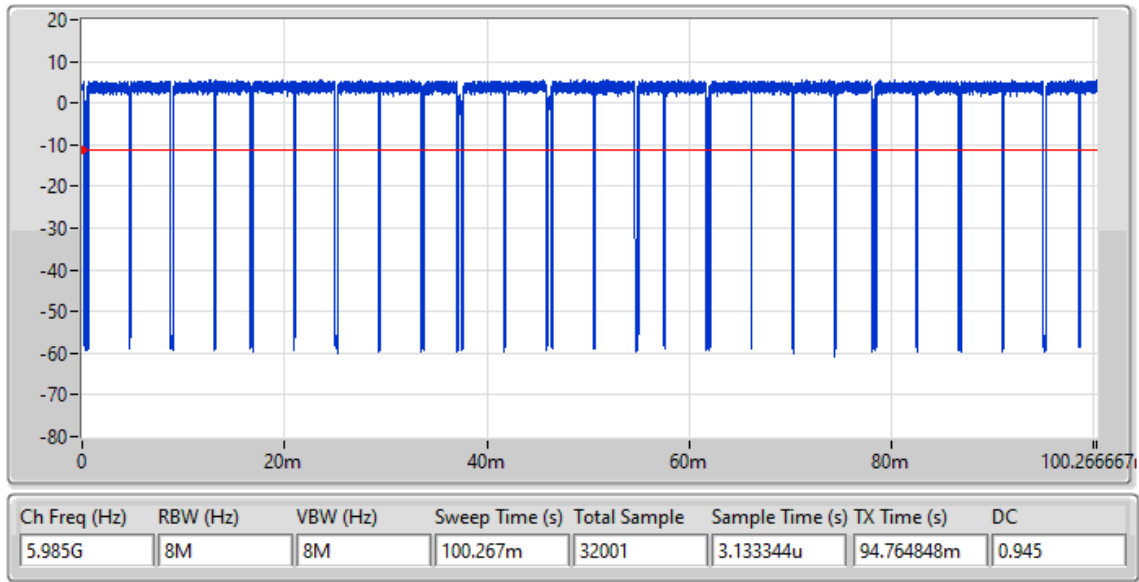
DC;ax40;BWch:40



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.205G	8M	8M	100.267m	32001	3.133344u	95.607718m	0.954

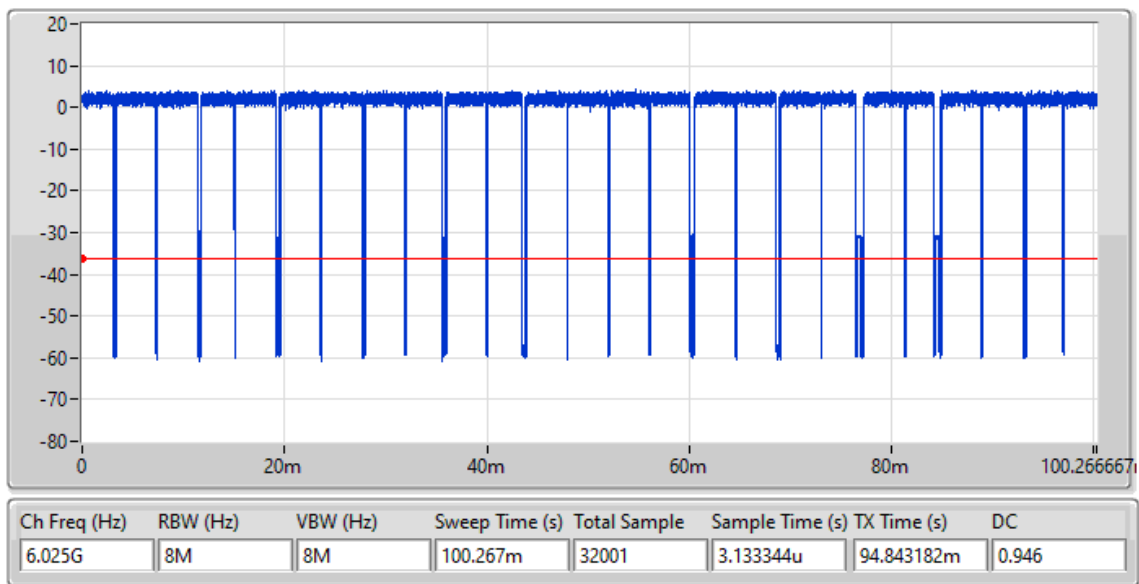
Bandwidth: 80MHz

DC;ax80;BWch:80



Bandwidth: 160MHz

DC;ax160;BWch:160



—THE END—