

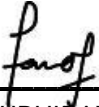
 MOTOROLA SOLUTIONS	    CERTIFICATE 2518.08 SAMM 825																																
MOTOROLA PENANG ADV. COMM. LABORATORY Motorola Solutions Malaysia Sdn. Bhd. Plot 2A Medan Bayan Lepas, Mukim 12, S.W.D. 11900 Bayan Lepas, Penang, Malaysia.	FCC / IC TEST REPORT Report Revision : Rev.A																																
<table><tr><td>Date/s Tested</td><td>: 07-April-2026 - 20-April-2026</td></tr><tr><td>Manufacturer/Location</td><td>: Motorola Solutions Malaysia SDN BHD</td></tr><tr><td>Manufacturer Address</td><td>: Plot 2A Medan Bayan Lepas, Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia</td></tr><tr><td>Requestor</td><td>: SUBRAMANIAM VASU</td></tr><tr><td>Product Type</td><td>: Mobile / Vehicle Mount</td></tr><tr><td>Product Marketing Name (PMN)</td><td>: MR7r</td></tr><tr><td>Hardware Version Identification Number (HVIN)</td><td>: AAM29JNN9YA1AN</td></tr><tr><td>Frequency Band</td><td>: 5180-5825MHz</td></tr><tr><td>Firmware Version Identification Number (FVIN)</td><td>: D02.26.02.0175</td></tr><tr><td>Applicant Name</td><td>: Motorola Solutions Inc</td></tr><tr><td>Applicant Address</td><td>: Plot 2A, Medan Bayan Lepas Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia</td></tr><tr><td>FCC Registrations</td><td>: 461337</td></tr><tr><td>CAB ID</td><td>: MY0001</td></tr></table> The equipment was tested accordance to the requirement listed below: <table><tr><td>(5GHz Wi-Fi)</td><td>PASS</td></tr><tr><td>FCC 47 CFR Part 15 Subpart E</td><td></td></tr><tr><td>RSS 247 Issue 4</td><td></td></tr></table>		Date/s Tested	: 07-April-2026 - 20-April-2026	Manufacturer/Location	: Motorola Solutions Malaysia SDN BHD	Manufacturer Address	: Plot 2A Medan Bayan Lepas, Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia	Requestor	: SUBRAMANIAM VASU	Product Type	: Mobile / Vehicle Mount	Product Marketing Name (PMN)	: MR7r	Hardware Version Identification Number (HVIN)	: AAM29JNN9YA1AN	Frequency Band	: 5180-5825MHz	Firmware Version Identification Number (FVIN)	: D02.26.02.0175	Applicant Name	: Motorola Solutions Inc	Applicant Address	: Plot 2A, Medan Bayan Lepas Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia	FCC Registrations	: 461337	CAB ID	: MY0001	(5GHz Wi-Fi)	PASS	FCC 47 CFR Part 15 Subpart E		RSS 247 Issue 4	
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Revision History	Description	Date	Originator
Rev. A	Initial Report	7-May-2026	Hidayati

1.0. Summary of Test Results

FCC Clause	IC Clause	Test Item	Result	Remarks	Serial Number tested	Tested by
15.407 (a)(1/2/3)	RSS 247 6.2	Maximum Conducted Output Power (Average)	Pass	Highest output power: 802.11a: 13.679 dBm (23.329mW) 802.11n20/ac20: 12.706 dBm (18.647mW)	008TCF1506	Hidayati
15.407(a) (1/2/3)	RSS 247 6.2	Maximum Power Spectral Density	Pass	Meet the requirement limits.	008TCF1506	Hidayati
15.407 (e)	RSS 247 6.2.4	6dB Bandwidth	Pass	a20: 16.827 MHz (16M8D1D) n20/ac20: 17.749 MHz (17M7D1D)	008TCF1506	Hidayati
15.407 (g)	RSS Gen 6.11	Frequency Stability	Pass	Meet the requirement limits.	008TCF1506	Hidayati
15.407 (b) (1/2/3/4/6)	RSS 247 6.2	Band Edge Radiated Spurious Emission Measurement	Pass	Worst case emission: 48.40 dBuV/m (Margin: 5.60 dB)	008TCF1512	Nazrin & Fuad
15.407 (b) (1/2/3/4/6)	RSS 247 6.2	Radiated Spurious Emission Measurement	Pass	Worst case emission: 33.74 dBuV/m (Margin: 6.26 dB)	008TCF1512	Nazrin & Fuad
15.207 15.407 (b)(6)	RSS Gen 8.8	AC Powerline Conducted Emission	Pass	Meet the requirement limits.	008TCF1512	Helmy
15.203	-	Antenna requirement	Pass	Internal antenna is not accessible to the end-user	NA	NA

2.0. Measurement Uncertainty

The measurement uncertainties below were calculated using approach describe in ETSI TR 100 028, ETSI TR 100 028-2 (using a coverage factor of $k = 1.96$) & CISPR 16-4-2 (using a coverage factor of $k=2$), which gives a level of confidence of approximately 95%.

According to CISPR 16-4-2, the levels were found to be below levels of U_{CISPR} and therefore no adjustment of the data for measurement uncertainty is required.

ETSI TR 100 028 & ETSI TR 100 028-2:

MEASUREMENT TYPE	FREQUENCY RANGE	EXPANDED UNCERTAINTY
Conducted Spurious Output Power	9kHz-12750MHz	± 2.82 dB

CISPR 16-4-2:

MEASUREMENT TYPE	FREQUENCY RANGE	EXPANDED UNCERTAINTY
AC Power-line Conducted Emissions	150kHz-30MHz	± 3.44 dB
Radiated Emissions	30MHz-1000MHz	± 6.00 dB
Radiated Emissions	1000MHz-18000MHz	± 5.14 dB
Radiated Emissions	18000MHz-40000MHz	± 5.36 dB

3.0. Equipment List

Bluetooth ATE # 3 (SW Version: Ate Main_3.2.2)

Description	Model	Serial Number	Calibration Date	Calibration Due Date
CHAMBER	SH-641	92003820	9-Jul-25	9-Jul-26
POWER SUPPLY	6652A	3541A02371	3-Sep-25	3-Sep-26
SPECTRUM ANALYZER	E4440A	MY46186938	13-Nov-25	13-Nov-26

Radiated Spurious Emission (SW Version: EMC FCC RE v1.8.2)

Description	Model	Serial Number	Calibration Date	Calibration Due Date
DRG HORN FREQ.	SAS-571	719	31-Oct-25	31-Oct-26
DRG HORN FREQ.	SAS-571	1027	21-Jul-25	21-Jul-26
DC Power Supply	6031A	3313A02730	06-Oct-25	06-Oct-26
SIGNAL GENERATOR	SMB 100A	180683	20-Dec-24	20-Dec-27
EMI TEST RECEIVER	ESW44	101731	11-Aug-25	10-Aug-26
5m SEMI-ANECHOIC CHAMBER	S800-HX	J2308	No Cal. Req'd	No Cal. Req'd
BILOG ANTENNA	CBL 6112D	55546	30-Jun-25	30-Jun-26
BILOG ANTENNA	CBL6112B	2964	06-Nov-25	06-Nov-26
DATA LOGGER THERMOHYGROMETER	SDL500	A.016785	16-Jul-25	16-Jul-26
SYSTEM CONTROLLER	SC104V	050806-1	No Cal. Req'd	No Cal. Req'd
TURNTABLE FLUSH MOUNT 2M	FM2011	FM2011-001	No Cal. Req'd	No Cal. Req'd
ANTENNA POSITIONING TOWER	TLT2	090308-5	No Cal. Req'd	No Cal. Req'd
BROAD-BAND HORN ANTENNA	BBHA9170	BBHA9170143	30-Sep-25	30-Sep-26
PREAMPLIFIER 18-40GHz	JS44- 18004000-33- 8P	2034566	No Cal. Req'd	No Cal. Req'd
PREAMPLIFIER 1-18GHz	EMC0518A45SE	981005	19-Sep-25	18-Sep-26
PREAMPLIFIER	PAM-0118P	361	29-Sep-23	29-Sep-26
LOOP ANTENNA	6502	00208416	06-Nov-25	06-Nov-26

AC Power Line Conducted Spurious Emission (SW Version: EMC32 Ver.10.60.10)

Description	Model	Serial Number	Calibration Date	Calibration Due Date
DATA LOGGER	DSB	16344143	16-Jul-2025	16-Jul-2026
V-NETWORK 2-LINE	ENV216	101268	30-Jun-2025	30-Jun-2026
EMI TEST RECEIVER	ESCI 3	100225	4-Sep-2025	4-Sep-2026
PROGRAMMABLE AC SOURCE	61604	ABR000000926	20-Aug-2025	20-Aug-2026

Note: Performed test site validation in accordance with ANSI C63.4-2014+C63.4a-2017 (30 MHz - 1 GHz) and CISPR 16-1-4 (1 GHz - 18 GHz) annually but no less than once every 3 years

4.0. General Information

General Description of EUT:

Product	Mobile / Vehicle Mount
Brand	Motorola Solutions
Test Model	MR7r
Power Supply Rating	13.6Vdc (Battery)
Mode of operation	WLAN 5GHz
Modulation Type	QPSK, BPSK, 16QAM, 64QAM, 256QAM
Modulation Technology	OFDM
Transfer Rate	802.11a: 6.0/9.0/12.0/18.0/24.0/36.0/48.0/54.0 Mbps 802.11n: up to MCS15 802.11ac: up to MCS9
Operating Frequency	5.180 ~ 5.240 GHz, 5.260 ~ 5.320 GHz, 5.50 ~ 5.720 GHz, 5.745 ~ 5.825 GHz
Output Power (26 EBW or 99% OBW)	28.18 mW for 5.180 ~ 5.240 GHz 28.18 mW for 5.260 ~ 5.320 GHz 28.18 mW for 5.50 ~ 5.720 GHz 28.18 mW for 5.745 ~ 5.825 GHz
Antenna Type	PIFA
SW Version	D02.26.02.0175

Note:

The EUT contains following accessory devices and data cable:

Item	Brand	Model or P/N
ANTENNA 132-174 3DB GAIN	MOTOROLA	HAD4022A
MOBILE ANTENNA GNSS L1 & L5 MAGNET MOUNT	MOTOROLA	PMAN4013A
GENESEE COLOR DISPLAY CONTROL HEAD	MOTOROLA	PMLN8805A
LTD DESKTOP MOBILE MIC	MOTOROLA	RMN5050A
DESKTOP TRAY WITH SPEAKER	MOTOROLA	RSN4005A
POWER SUPPLY ADAPTOR,EXT 280W POWER SUPPLY , 100-240VAC, SAE	MOTOROLA	PS000280A02
POWER CORD, US	MOTOROLA	3087791G01

Description of Test Modes:

For 5180 to 5240 MHz:

Channels for 802.11a, 802.11n, 802.11ac (HT20, VHT20)

Channel	Frequency (MHz)
36	5180
40	5200
44	5220
48	5240

For 5260 to 5320 MHz:

Channels for 802.11a, 802.11n, 802.11ac (HT20, VHT20)

Channel	Frequency (MHz)
52	5260
56	5280
60	5300
64	5320

For 5500 to 5720 MHz:

Channels for 802.11a, 802.11n, 802.11ac (HT20, VHT20)

Channel	Frequency (MHz)
100	5500
104	5520
108	5540
112	5560
116	5580
120	5600
124	5620
128	5640
132	5660
136	5680
140	5700
144	5720

For 5745 to 5825 MHz:

Channels for 802.11a, 802.11n, 802.11ac (HT20)

Channel	Frequency (MHz)
149	5745
153	5765
157	5785

161	5805
165	5825

General Description of Applied Standards

The EUT is a RF Product. According to the specifications of the manufacturer, the EUT is to comply with the requirements of the following standards:

FCC Part15, Subpart E (15.407)

789033 D02 General UNII Test Procedures New Rules v01r04

644545 D03 Guidance for IEEE 802 11ac New Rules v01

ANSI C63.10-2020+Cor.1-2023+C63.10a-2024 + Errata to C63.10a-2024

RSS 247 Issue 4, RSS Gen

All test have been performed and recorded as per above standards.

Deviation from standard

Not applicable as no deviation from standard test method

Modifications to EUT

No modifications were done to the UUT to facilitate the tests in this report.

5.0. Test Mode Applicability and Test Channel Detail

EUT Configure Mode	Applicable to				Description
	RE $\geq$ 1G	RE<1G	PLC	APCM	
A	√	√	√	√	Power from adapter
B	x	√	x	x	Power from carcharger (12Vdc)
C	x	√	x	x	Power from carcharger (24Vdc)

Where:

RE $\geq$ 1G: Radiated Emission above 1GHz & Band edge

Measurement

RE<1G: Radiated Emission below 1GHz

PLC: Power Line Conducted Emission

APCM: Antenna Port Conducted Measurement

Note: The EUT had been pre-scanned on the position of each 3 axis planes. The worst case was found when positioned on Y-plane.

Radiated Emission Test (Above 1GHz)

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Frequency Band	MODE	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
-	5180-5240	802.11a	36-48	36,44,48	OFDM	BPSK	6.0
-	5180-5240	802.11n/ac (HT20, VHT20)	36-48	36,44,48	OFDM	BPSK	6.5
-	5260-5320	802.11a	52-64	52,60,64	OFDM	BPSK	6.0
-	5260-5320	802.11n/ac (HT20, VHT20)	52-64	52,60,64	OFDM	BPSK	6.5
-	5500-5700	802.11a	100-140	100,116,140	OFDM	BPSK	6.0
-	5500-5720	802.11n/ac (HT20, VHT20)	100-144	100,116,144	OFDM	BPSK	6.5
-	5745-5825	802.11a	149-165	149,157,165	OFDM	BPSK	6.0
-	5745-5825	802.11n/ac (HT20, VHT20)	149-165	149,157,165	OFDM	BPSK	6.5

Radiated Emission Test (Below 1GHz)

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	MODE	Frequency band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
-	802.11a	5180-5240	36 to 48	36	OFDM	BPSK	6.0
-	802.11a	5260-5320	52 to 64		OFDM	BPSK	6.0
-	802.11a	5500-5700	100 to 140		OFDM	BPSK	6.0
-	802.11a	5745-5825	149 to 165		OFDM	BPSK	6.0

Power Line Conducted Emission Test

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	MODE	Frequency band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
-	802.11a	5180-5240	36 to 48	36	OFDM	BPSK	6.0
-	802.11a	5260-5320	52 to 64		OFDM	BPSK	6.0
-	802.11a	5500-5700	100 to 140		OFDM	BPSK	6.0
-	802.11a	5745-5825	149 to 165		OFDM	BPSK	6.0

Antenna Port Conducted Measurement:

- ☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Frequency Band	MODE	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
-	5180-5240	802.11a	36-48	36,44,48	OFDM	BPSK	6.0
-	5180-5240	802.11n/ac (HT20, VHT20)	36-48	36,44,48	OFDM	BPSK	6.5
-	5260-5320	802.11a	52-64	52,60,64	OFDM	BPSK	6.0
-	5260-5320	802.11n/ac (HT20, VHT20)	52-64	52,60,64	OFDM	BPSK	6.5
-	5500-5700	802.11a	100-140	100,116,140	OFDM	BPSK	6.0
-	5500-5720	802.11n/ac (HT20, VHT20)	100-144	100,116,144	OFDM	BPSK	6.5
-	5745-5825	802.11a	149-165	149,157,165	OFDM	BPSK	6.0
-	5745-5825	802.11n/ac (HT20, VHT20)	149-165	149,157,165	OFDM	BPSK	6.5

Test Condition:

Applicable To	Environmental Conditions	Input Power	Tested By
RE $\geq$ 1G	23.6°C, 68.9% RH	120V AC	Nazrin/Fuad
RE<1G	23.6°C, 68.9% RH	120V AC	Nazrin/Fuad
PLC	22.3°C, 64.1% RH	120V AC	Helmy
APCM	25°C, 50% RH	13.6V DC	Hidayati

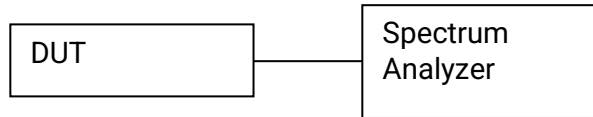
Duty Cycle of Test Signal

802.11a, 802.11n and 802.11ac (HT20, VHT20): Duty cycle of test signal is 100%.

If Duty cycle of test signal is <98%, duty cycle factor shall be considered. (Refer to section 6.0 for duty cycle measurement)

6.0. Duty Cycle of Test Signal

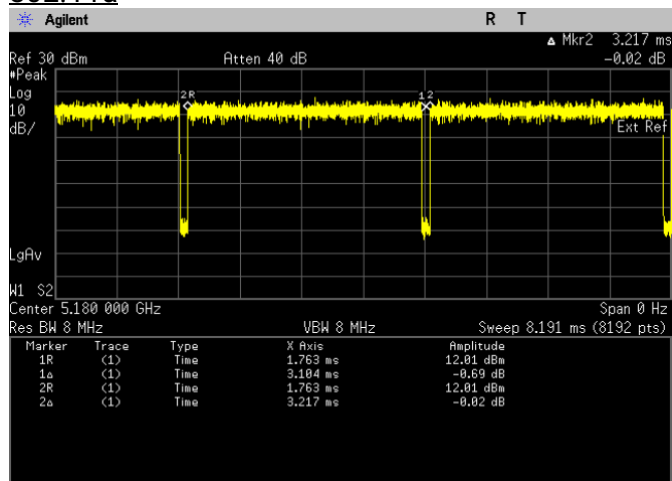
6.0.1. Test Setup



- 1) Set DUT to desire transmit frequency and transmit with maximum power.
- 2) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- 3) Setting of Spectrum analyzer :
 - a. Set the RBW = 10 MHz or the highest RBW available on spectrum analyzer.
 - b. Set the VBW $\geq$ RBW.
 - c. Set to Zero Span.
 - d. Detector = Peak.
 - e. Sweep time = 10ms or others that allow to measure accurate duty cycle.
 - f. Trace mode = Max hold.
- 4) Record the duty cycle as X and save the plot.

6.0.2. Test Data

802.11a

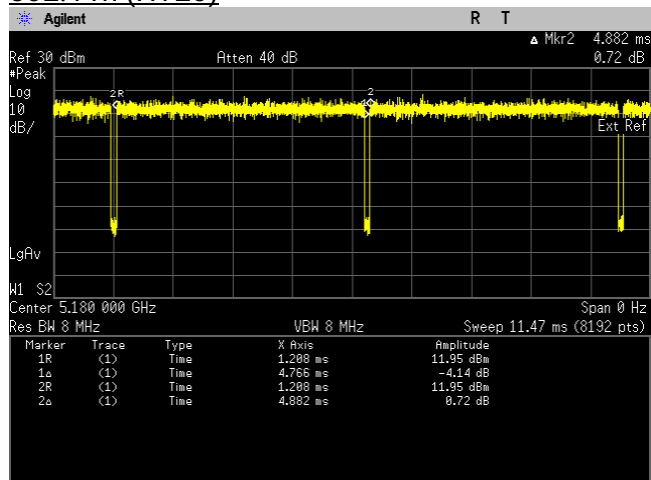


On time	3.104	ms
On + off time	3.217	ms
Duty Cycle	0.9649	
Duty Cycle Factor	0.155	

*Duty cycle = On time/ On +off time

*Duty Cycle factor = $10 \cdot \log(1/\text{Duty Cycle})$

802.11n (HT20)



On time	4.766	ms
On + off time	4.882	ms
Duty Cycle	0.9762	
Duty Cycle Factor	0.104	

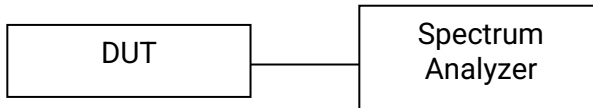
*Duty cycle = On time/ On +off time

*Duty Cycle factor = $10 \cdot \log(1/\text{Duty Cycle})$

7.0. Transmitter Test Parameters

7.1. Bandwidth measurements

7.1.1. Test Setup



- a) Test Setup as per illustrated above.
- b) Set DUT to transmit at desire transmit frequency.
- c) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- d) Setting of Spectrum analyzer for 26dB EBW:
 - RBW = approximate 1% of emission bandwidth
 - VBW > RBW
 - Detector = Peak
 - Trace =Max hold
 - Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.
 - Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
- e) Setting of Spectrum analyzer for 99% Occupied bandwidth:
 - Span = 1.5 times to 5.0 times the OBW
 - RBW = 1% to 5 % of the OBW
 - VBW $\geq 3 \cdot$ RBW
 - Detector = Peak
 - Trace = Max Hold
 - Use the 99% power bandwidth function of the instrument
- f) The measurement method follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04 under clause C.1) & D).

7.1.2. Test Limits

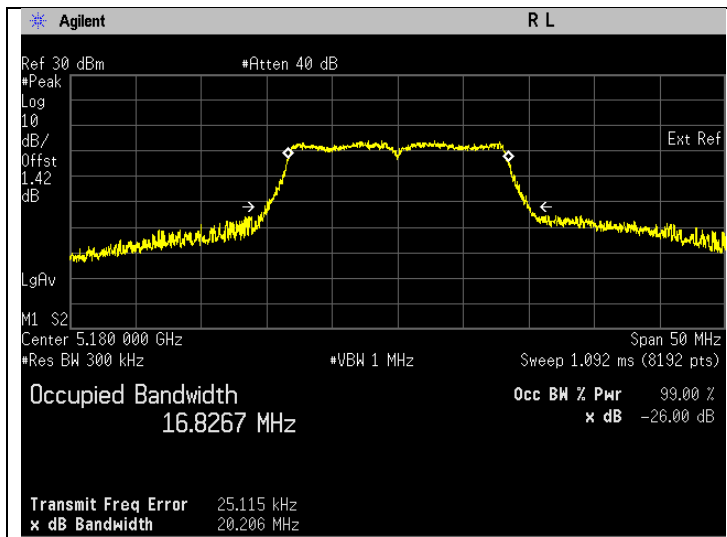
Not applicable.

7.1.3. Test Data

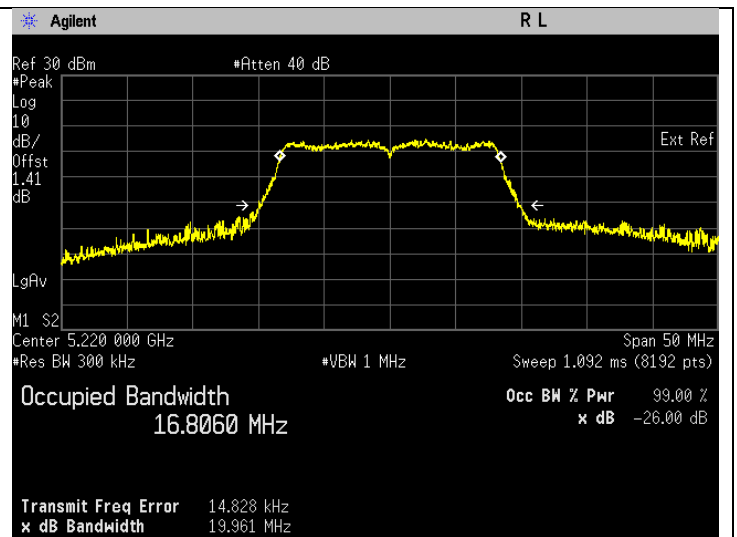
802.11a

Frequency (MHz)	Test Configuration	Results			
		26 dB Bandwidth (MHz)	Status	99% Bandwidth (MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.206	Pass	16.827	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.961	Pass	16.806	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.977	Pass	16.790	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.939	Pass	16.824	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.228	Pass	16.791	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.026	Pass	16.787	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.091	Pass	16.761	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.153	Pass	16.799	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.150	Pass	16.795	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6, UNII-2C	14.959	Pass	13.386	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6, UNII-3	4.959	Pass	3.386	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.003	Pass	16.784	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.916	Pass	16.791	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.931	Pass	16.773	Pass

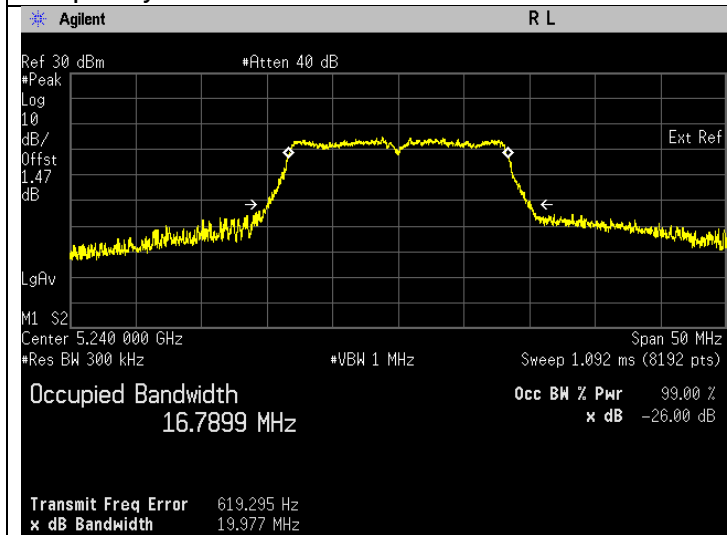
26 dB Bandwidth/ 99% Bandwidth



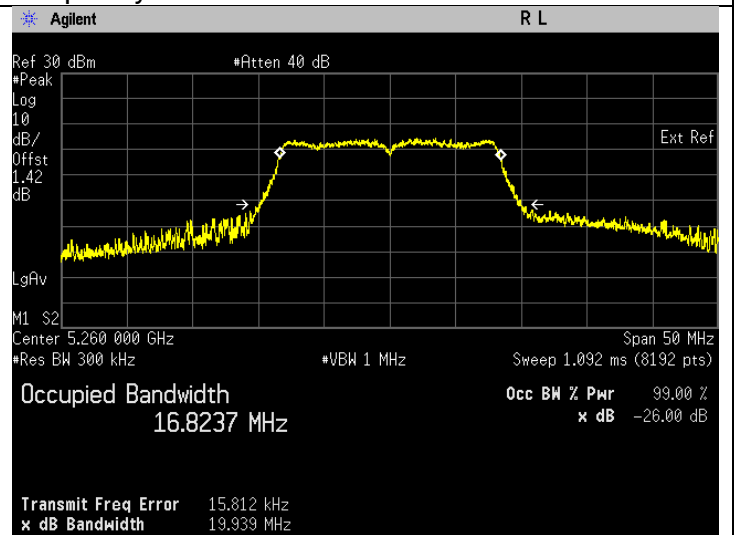
Frequency 5180 MHz.



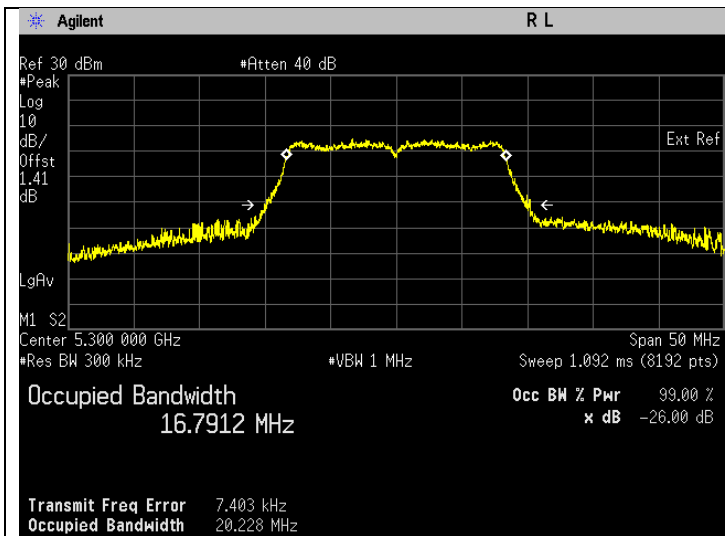
Frequency 5220 MHz.



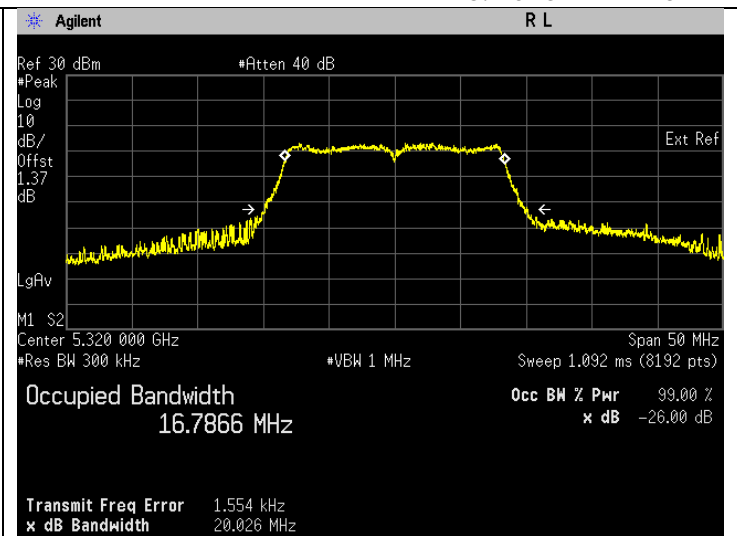
Frequency 5240 MHz.



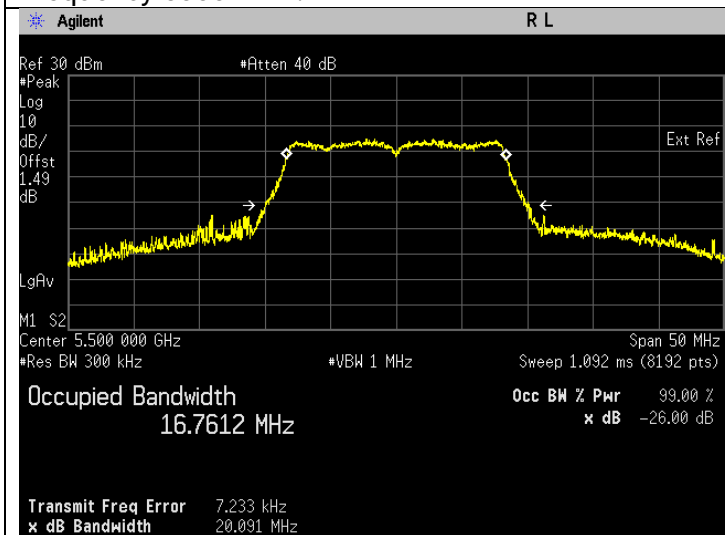
Frequency 5260 MHz.



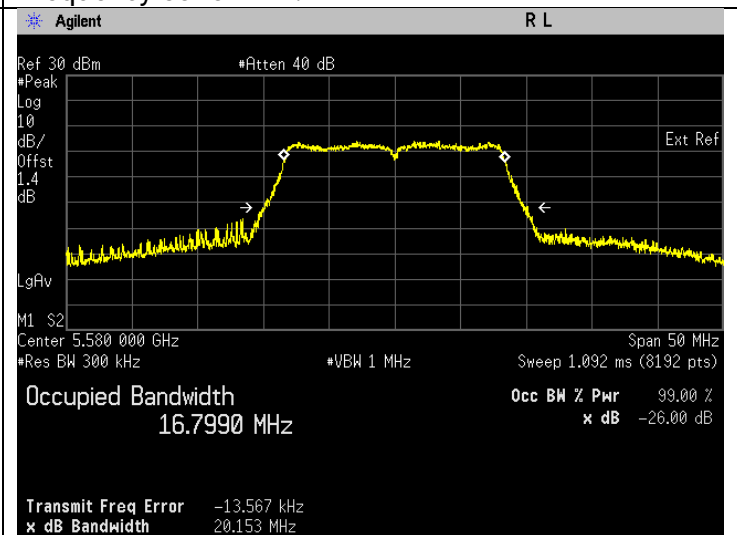
Frequency 5300 MHz.



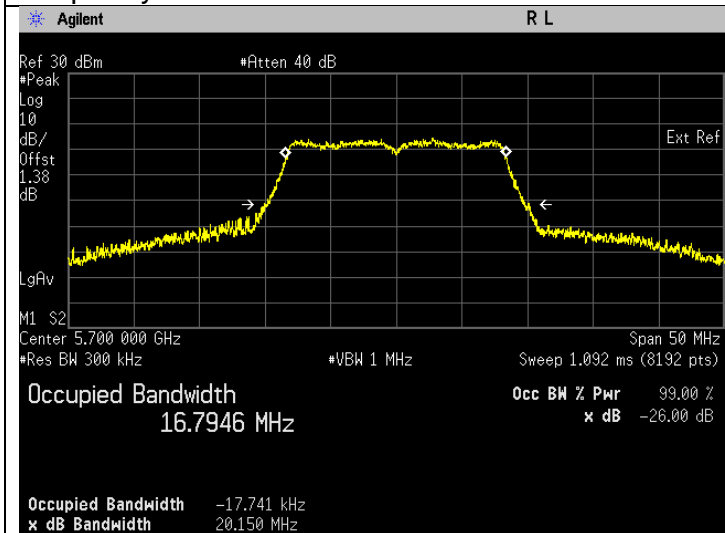
Frequency 5320 MHz.



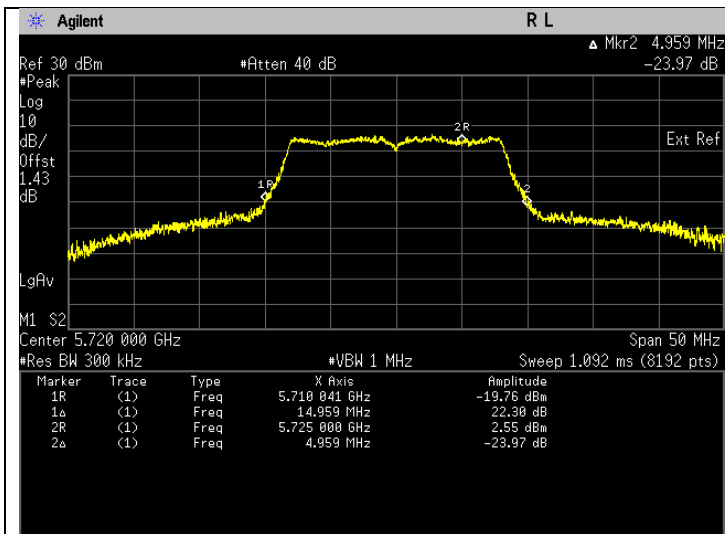
Frequency 5500 MHz.



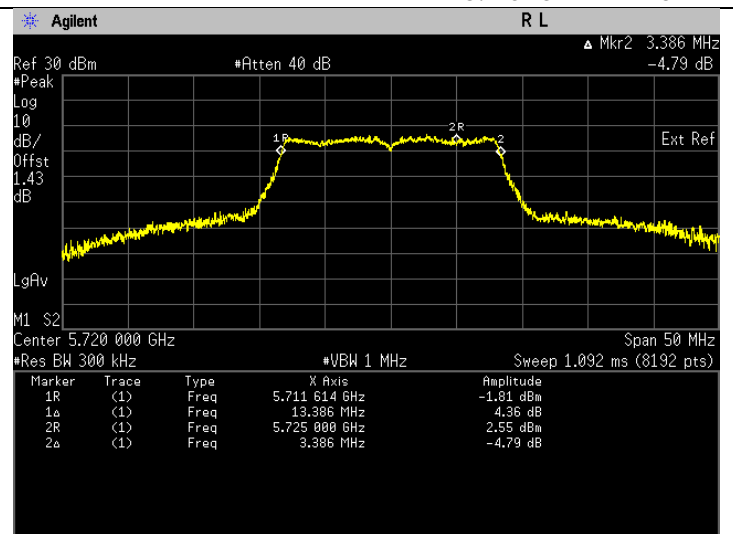
Frequency 5580 MHz.



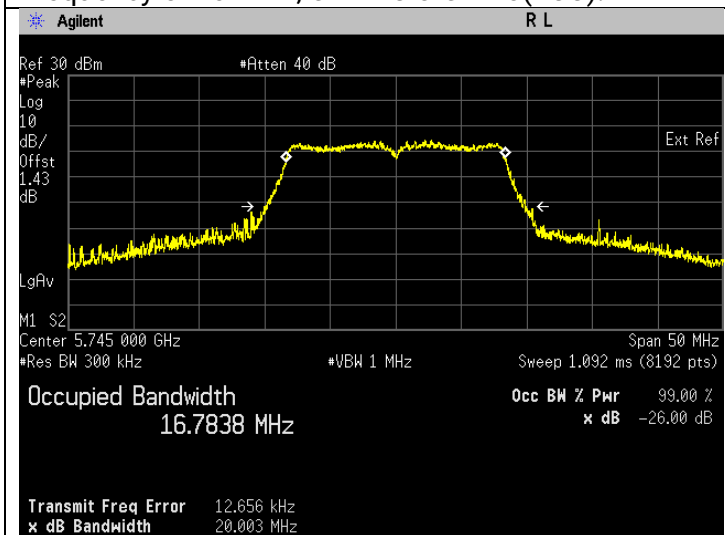
Frequency 5700 MHz.



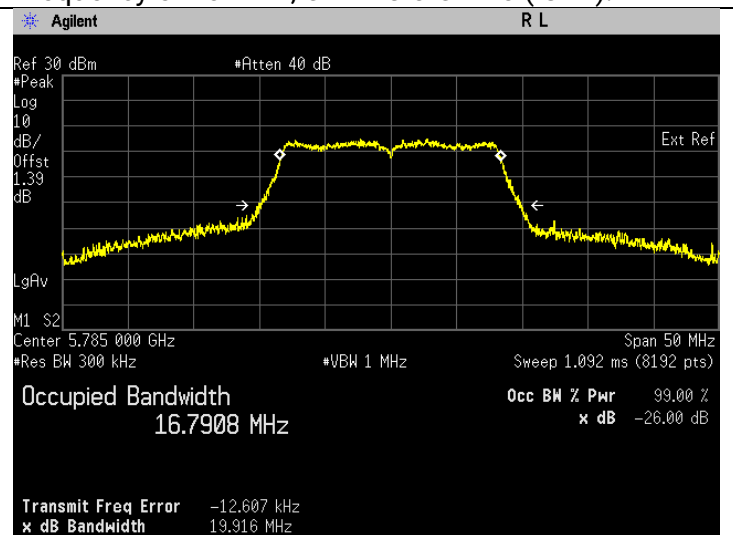
Frequency 5720 MHz, UNII-2C & UNII-3(FCC).



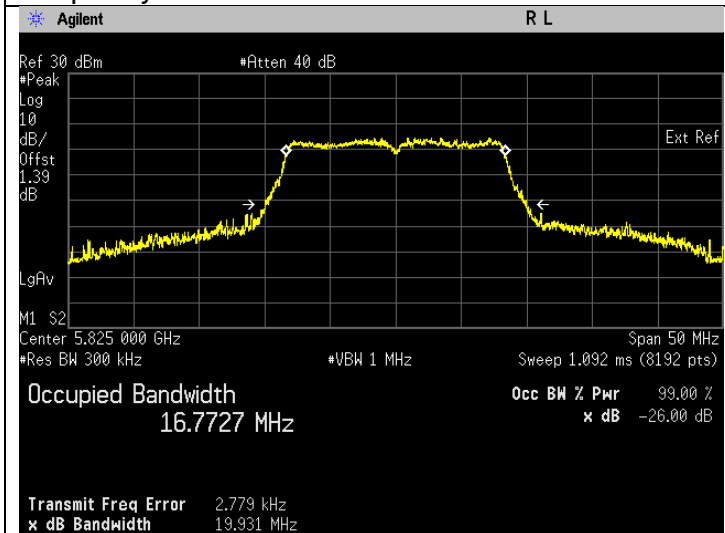
Frequency 5720 MHz, UNII-2C & UNII-3 (ISED).



Frequency 5745 MHz.



Frequency 5785 MHz.

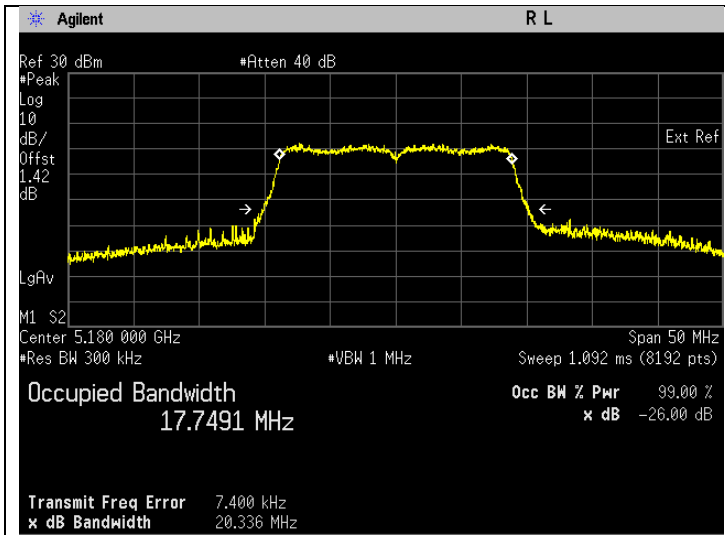


Frequency 5825 MHz.

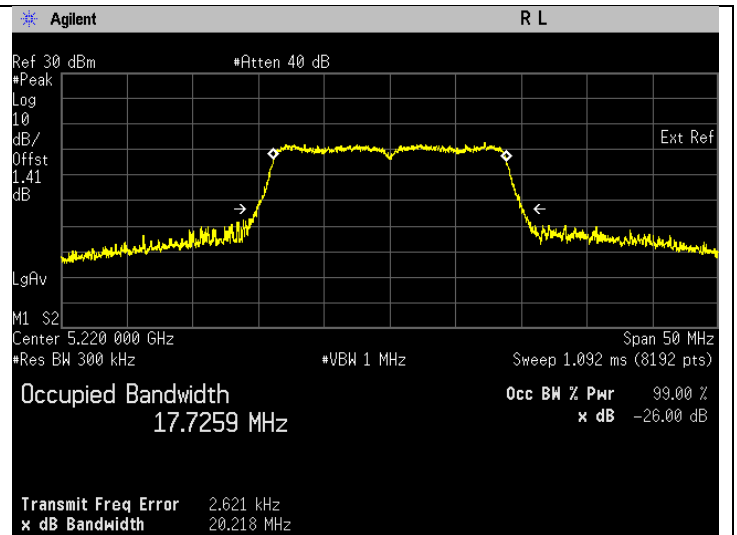
802.11n (HT20)

Frequency (MHz)	Test Configuration	Results			
		26 dB Bandwidth (MHz)	Status	99% Bandwidth (MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.336	Pass	17.749	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.218	Pass	17.726	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.185	Pass	17.735	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.353	Pass	17.738	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.806	Pass	17.734	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.118	Pass	17.725	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.337	Pass	17.702	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.237	Pass	17.724	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.316	Pass	17.713	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5, UNII-2C	15.206	Pass	13.861	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5, UNII-3	5.206	Pass	3.861	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.442	Pass	17.712	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.344	Pass	17.720	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.289	Pass	17.725	Pass

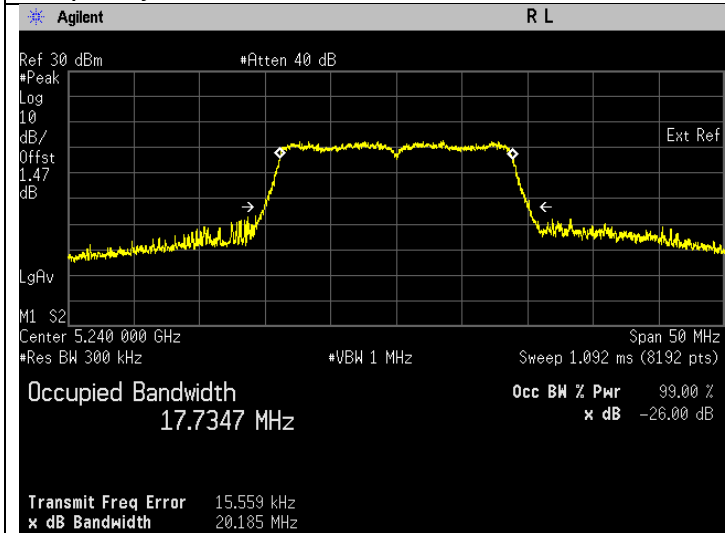
26 dB Bandwidth/ 99% Bandwidth



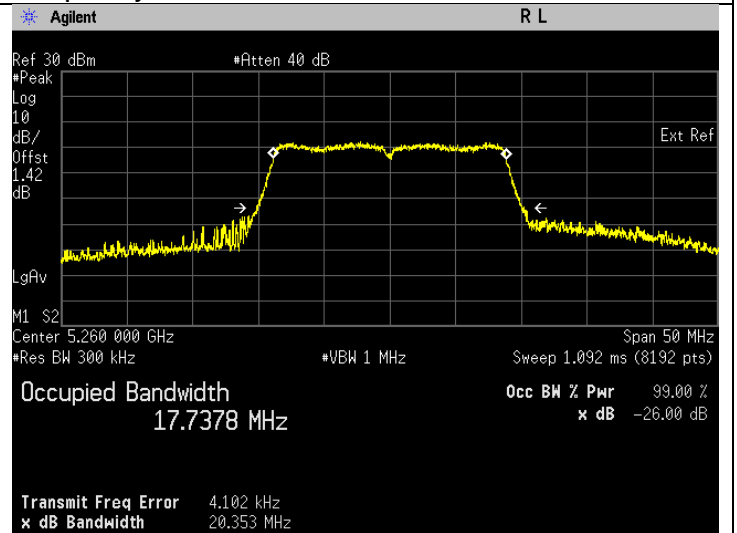
Frequency 5180 MHz.



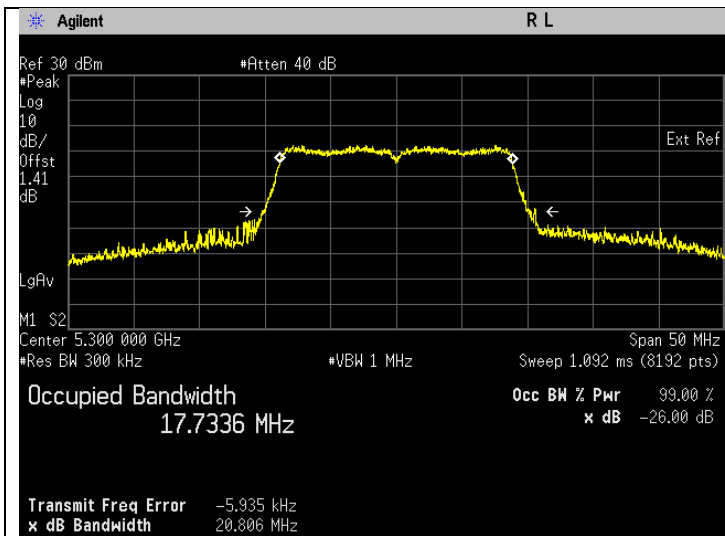
Frequency 5220 MHz.



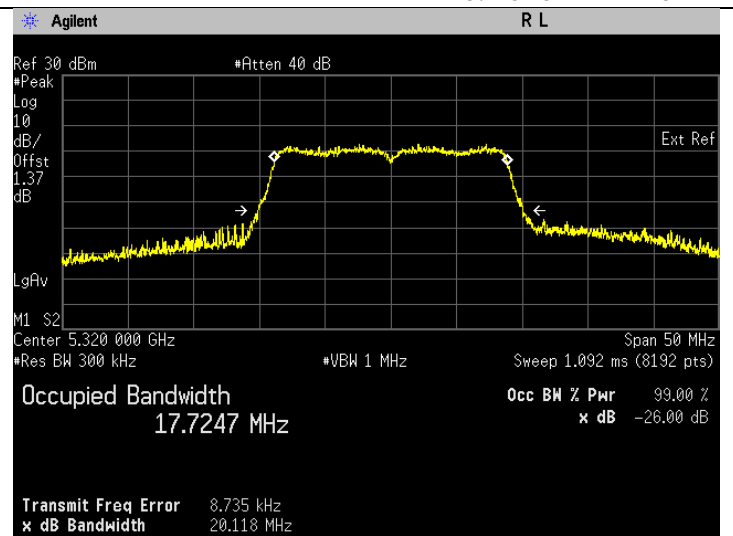
Frequency 5240 MHz.



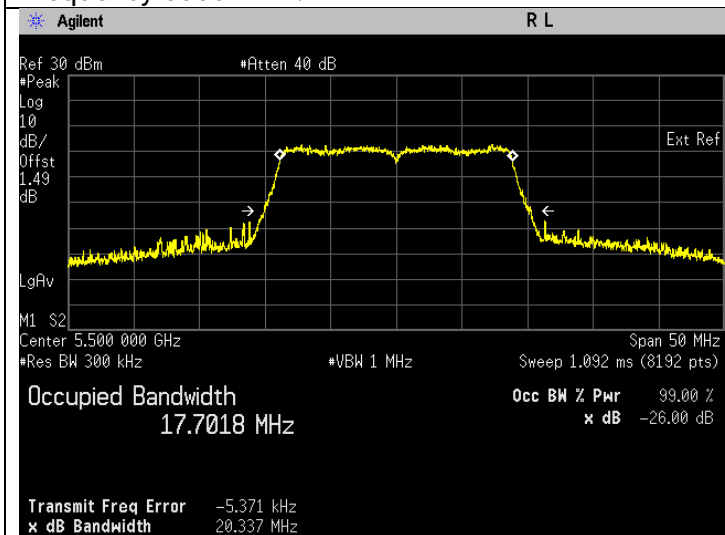
Frequency 5260 MHz.



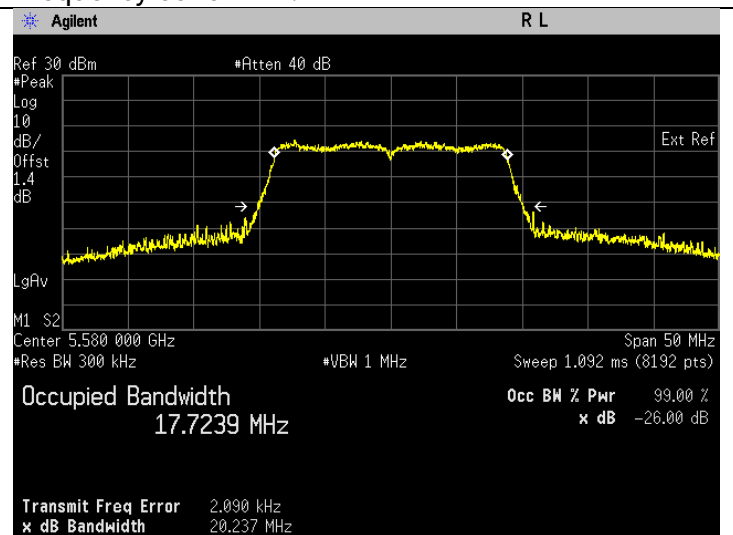
Frequency 5300 MHz.



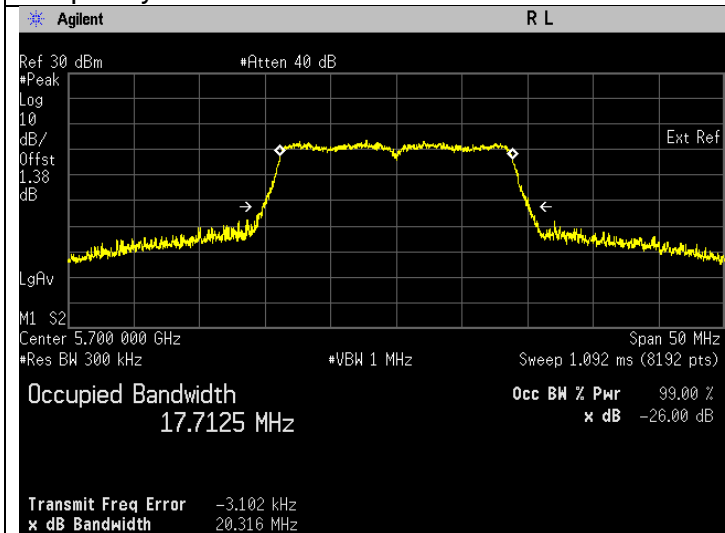
Frequency 5320 MHz.



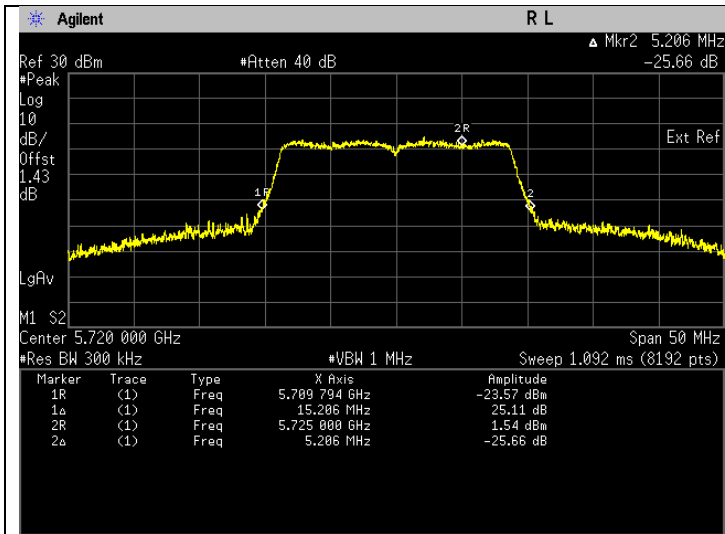
Frequency 5500 MHz.



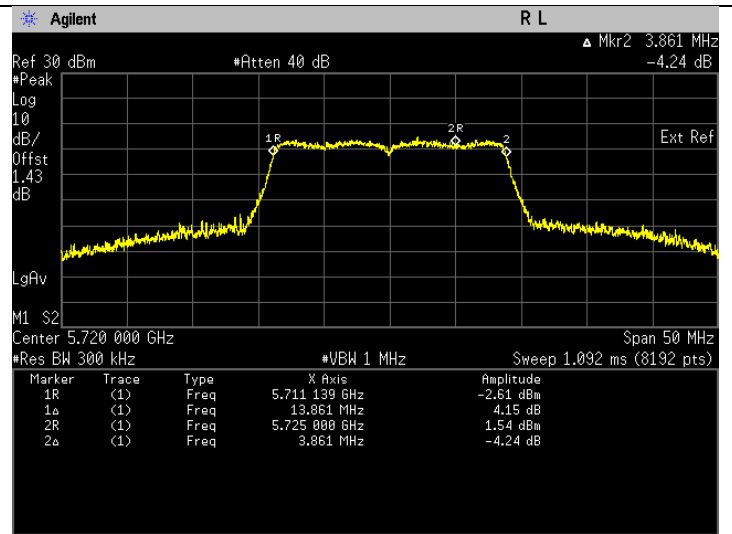
Frequency 5580 MHz.



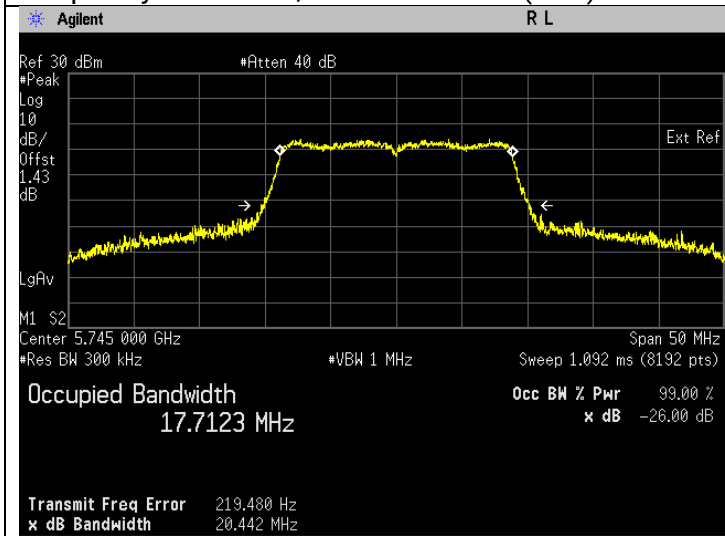
Frequency 5700 MHz.



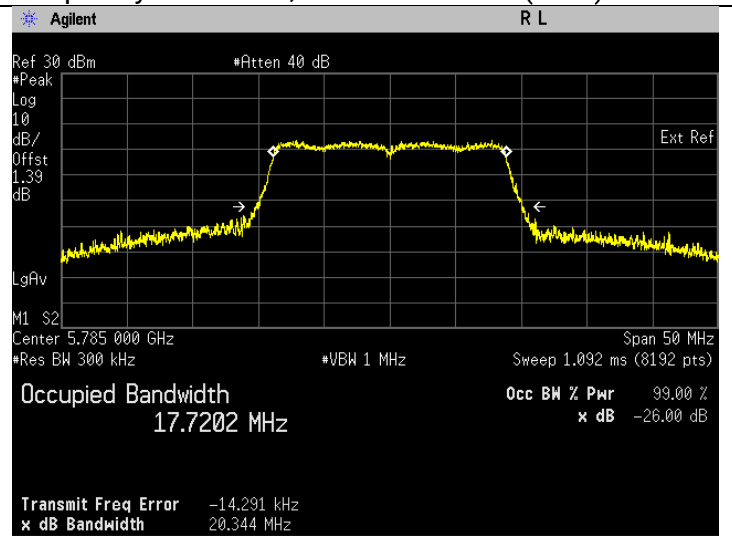
Frequency 5720 MHz, UNII-2C & UNII-3(FCC).



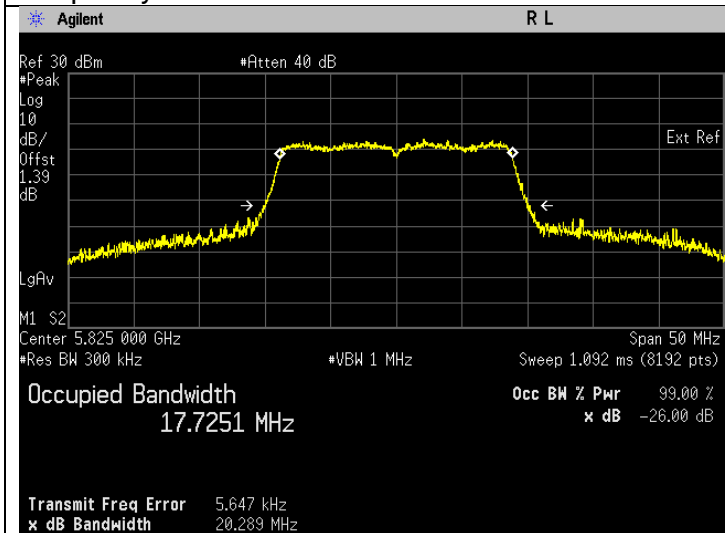
Frequency 5720 MHz, UNII-2C & UNII-3 (ISED).



Frequency 5745 MHz.



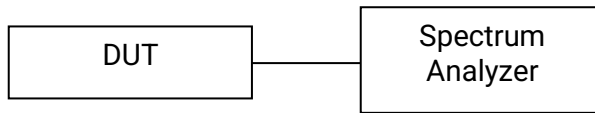
Frequency 5785 MHz.



Frequency 5825 MHz.

7.2. Maximum Conducted Output Power

7.2.1. Test Setup



- a) Test setup as per illustrated above.
- b) Set DUT to transmit at desire transmit frequency.
- c) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- d) Setting of Spectrum analyzer :
 - Span to encompass the entire 26dB EBW or 99% Occupied Bandwidth.
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = power averaging (RMS)
 - Trace = Max hold
 - Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$
 - Sweep time = auto
 - Trace average at least 100 traces in power averaging (rms) mode
 - Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges.
 - Add $10 \log (1/x)$, where x is the duty cycle, to the measured power to compute the average power during the actual transmission times
- e) The measurement method follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04 under clause E.2.d) Method SA-2.
- f) The Maximum output power results are included duty cycle correction factor.

7.2.2. Test Limits

FCC 15.407(a)

Range(GHz)	Condition	Output Power Limit
5.15-5.25 (UNII-1)	Outdoor AP	$\leq 1W$
	Indoor AP	$\leq 1W$
	Fixed Point to Point AP	$\leq 1W$
	✓ Mobile and Portable client devices	$\leq 250mW$
5.25-5.35 (UNII-2A)	✓	$\leq 250mW$ or $11dBm + 10\log_{10} B^*$
5.47-5.525 (UNII-2C)	✓	*B is 26dB emission bandwidth in MHz
5.725-5.85 (UNII-3)	✓	$\leq 1W$

RSS-247 6.2

Range(GHz)	Condition	Output Power Limit
5.15-5.25	indoor only (e.i.r.p.)	$\leq 200mW$ or $10 + 10\log_{10} B^*$ *B is 99% emission bandwidth in 1MHz
5.25-5.35	(Conducted & e.i.r.p.)	Conducted: $\leq 250mW$ or $11 + 10\log_{10} B^*$ EIRP: $< 1.0W$ or $17 + 10\log_{10} B^*$ *B is 99% emission bandwidth in 1MHz
5.47-5.6 5.65-5.725	(Conducted & e.i.r.p.)	Conducted: $\leq 250mW$ or $11 + 10\log_{10} B^*$ EIRP: $< 1.0W$ or $17 + 10\log_{10} B^*$ *B is 99% emission bandwidth in 1MHz
5.725-5.85	(Conducted)	$\leq 1W$

7.2.3. Additional Info

Antenna	Gain (dBi)
UNII-1	5
UNII-2A, 2C	4
UNII-3	6
Duty Cycle Correction Factor	
802.11a	0.155
802.11n20	0.104

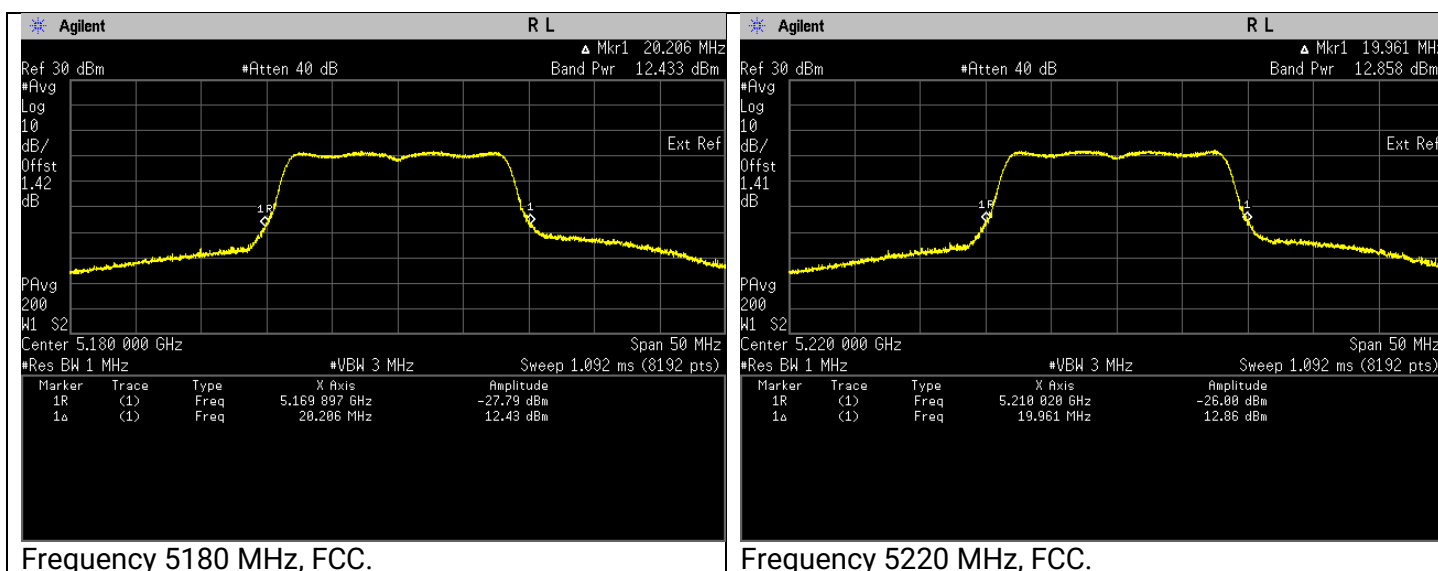
7.2.4. Test Data

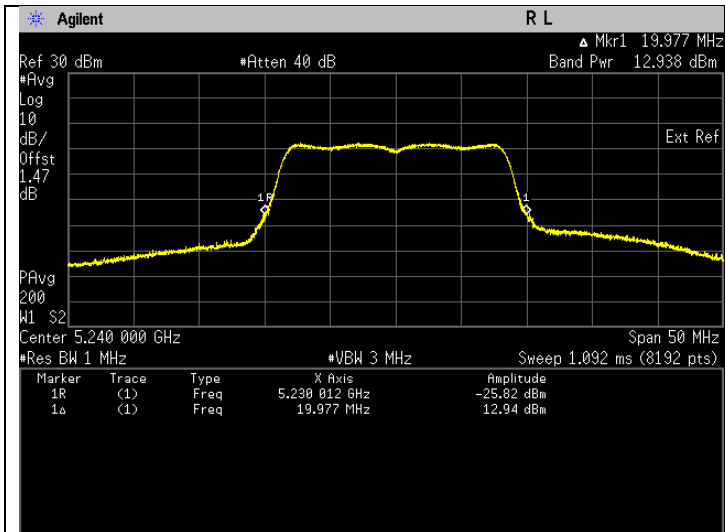
Summary table

WLAN	Frequency Range (MHz)	Bandwidth (MHz)	RF Power Output		EIRP		Max Emission Designator
			Max measured (mW)	Max declared (mW)	Max measured (mW)	Max declared (mW)	
802.11a	5180-5240	20	20.19	28.18	63.86	89.13	16M8D1D
	5260-5320	20	19.42	28.18	48.79	70.79	16M8D1D
	5500-5580	20	21.20	28.18	53.26	70.79	16M8D1D
	5660-5720	20	23.33	28.18	58.60	70.79	16M8D1D
	5745-5825	20	20.60	28.18	82.00	112.20	16M8D1D
802.11n/ac (HT20)	5180-5240	20	13.19	22.39	41.71	70.79	17M7D1D
	5260-5320	20	12.70	22.39	31.90	56.23	17M7D1D
	5500-5580	20	18.65	22.39	46.84	56.23	17M7D1D
	5660-5720	20	15.35	22.39	38.56	56.23	17M7D1D
	5745-5825	20	18.57	22.39	73.93	89.13	17M7D1D

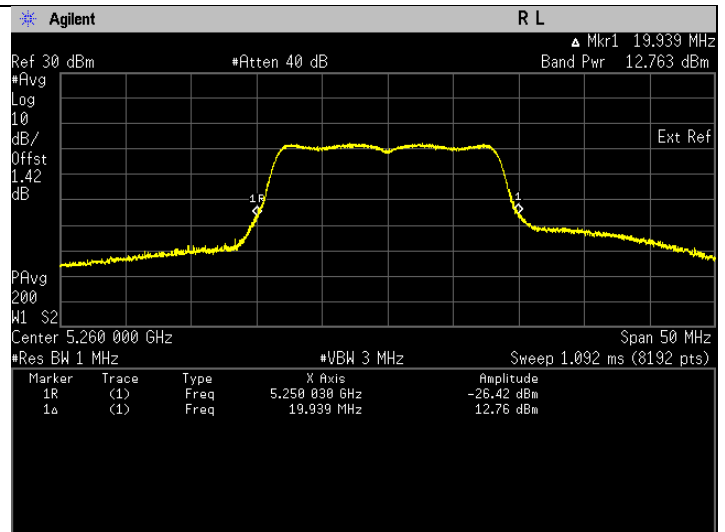
802.11a (26dB EBW)

Freq. (MHz)	Test Conditions	Results		
		Power (mW)	Power (dBm)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	18.147	12.588	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.012	13.013	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.384	13.093	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.579	12.918	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.579	12.918	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	15.442	11.887	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	21.647	13.354	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	18.264	12.616	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	18.767	12.734	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	18.018	12.557	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.855	13.192	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.277	13.070	Pass

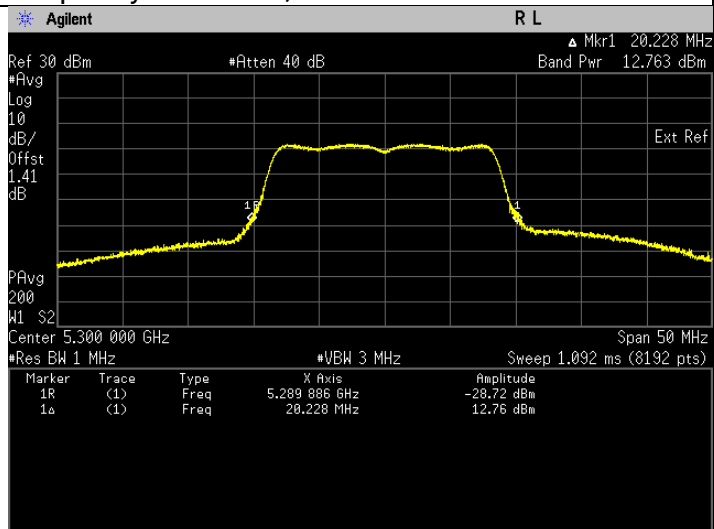




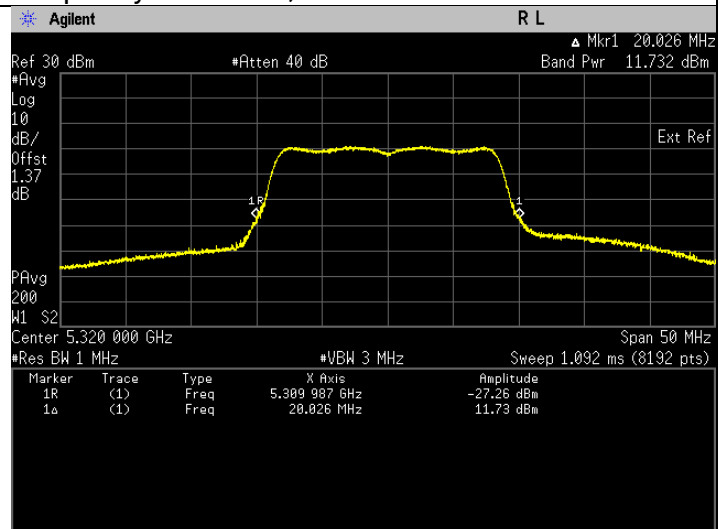
Frequency 5240 MHz, FCC.



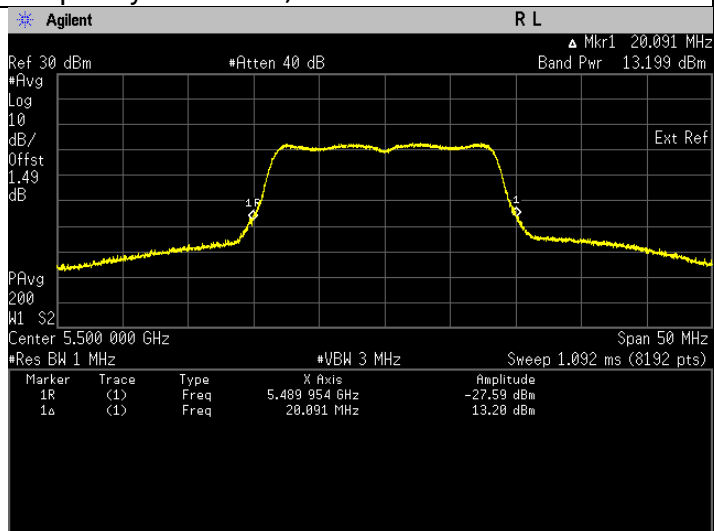
Frequency 5260 MHz, FCC.



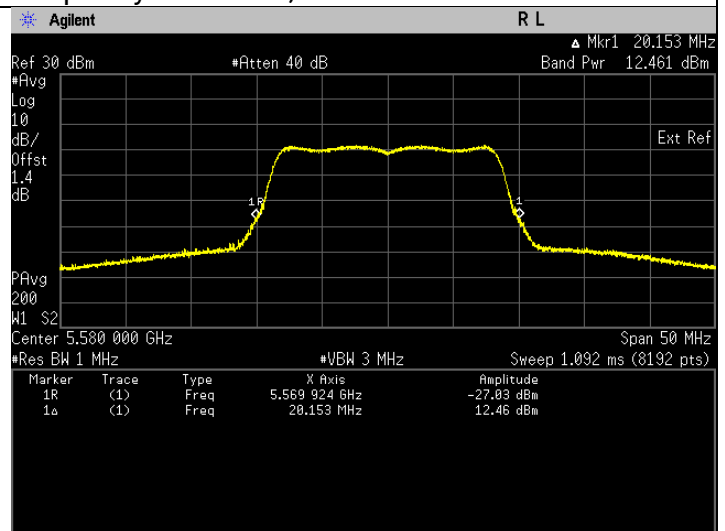
Frequency 5300 MHz, FCC.



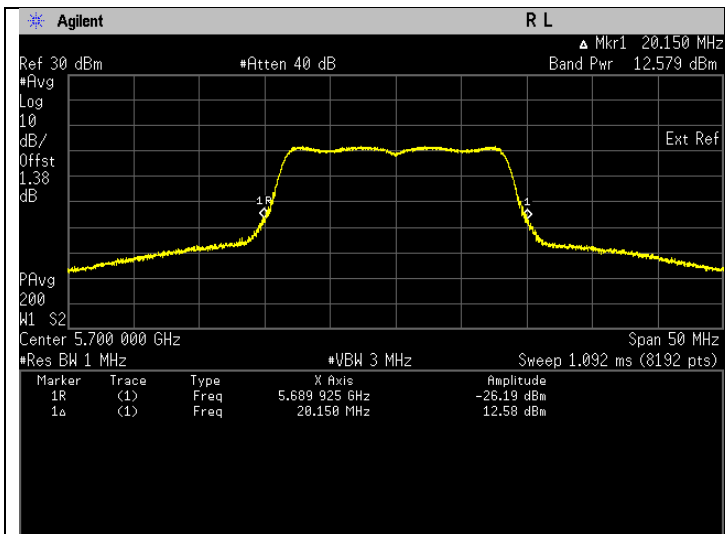
Frequency 5320 MHz, FCC.



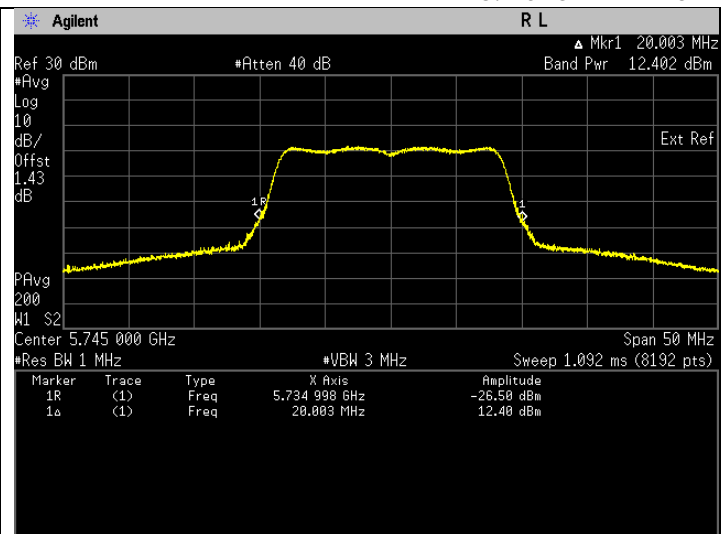
Frequency 5500 MHz, FCC.



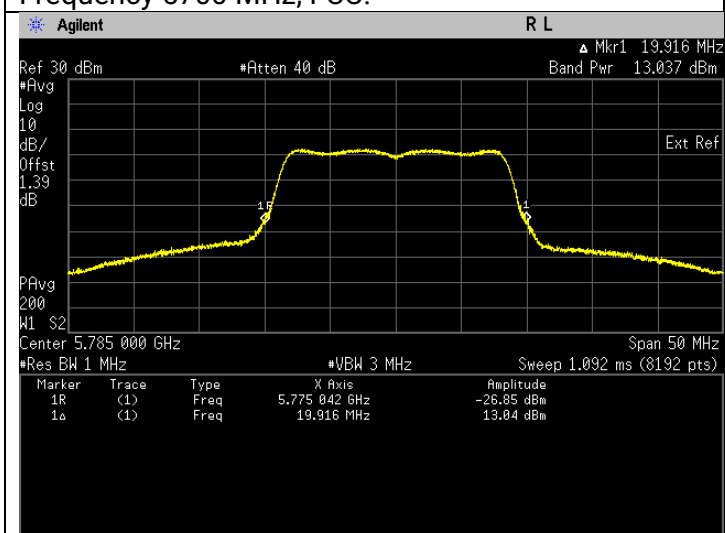
Frequency 5580 MHz, FCC.



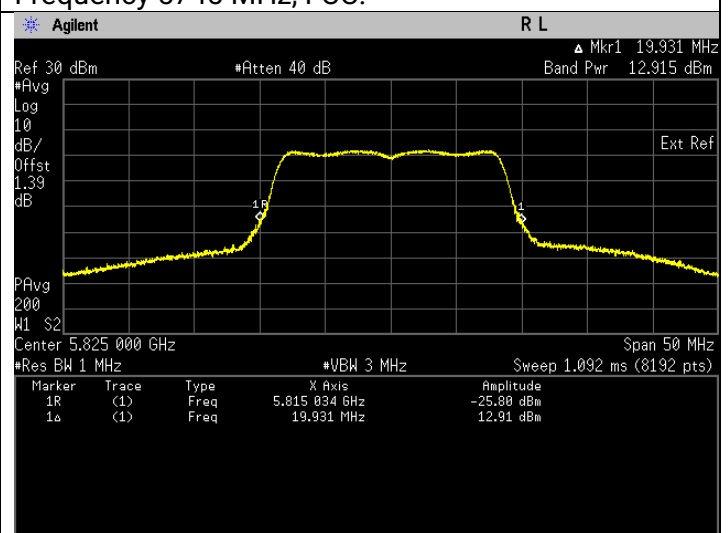
Frequency 5700 MHz, FCC.



Frequency 5745 MHz, FCC.



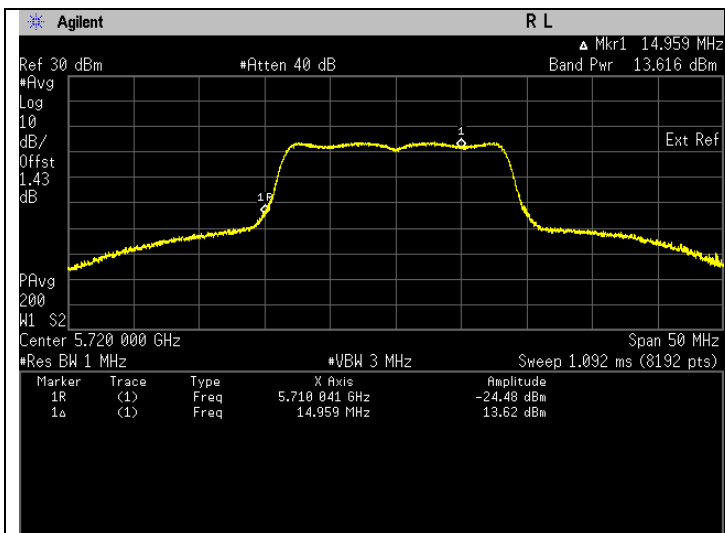
Frequency 5785 MHz, FCC.



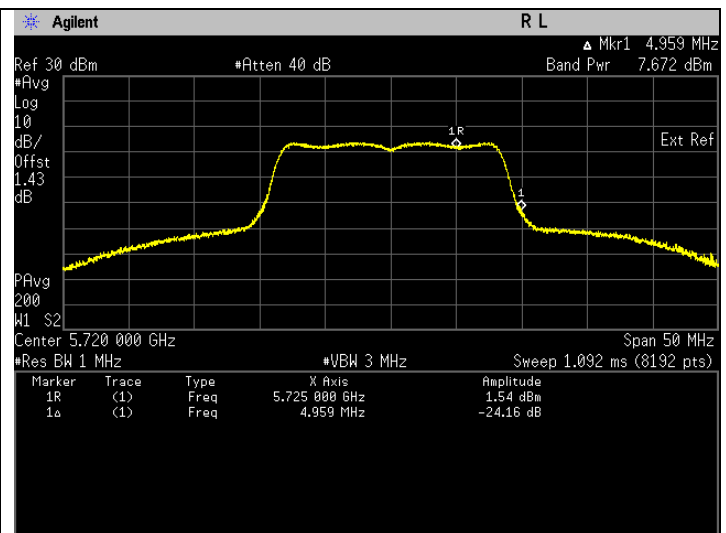
Frequency 5825 MHz, FCC.

Straddle Frequency

Freq. (MHz)	Test Conditions	Results		
		U-NII-2C		
		Power (mW)	Power (dBm)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	23.829	13.77 1	Pass
		U-NII-3		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.063	7.827	Pass



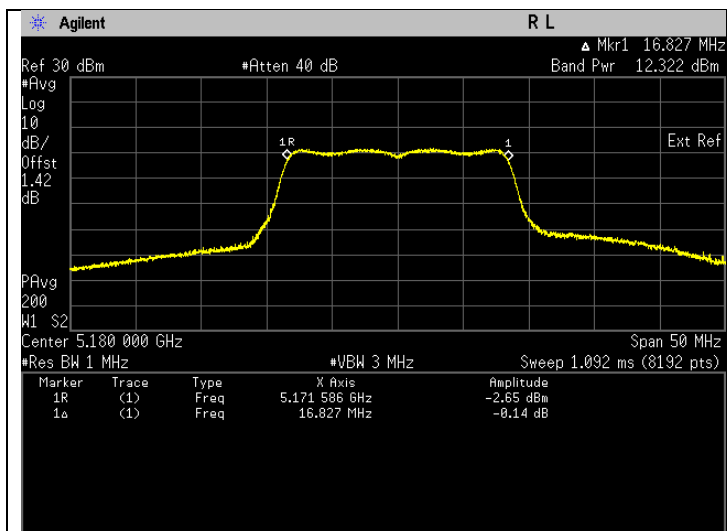
Frequency 5720 MHz, FCC, U-NII-2C. *Note: The band power is captured before the 5725 MHz.



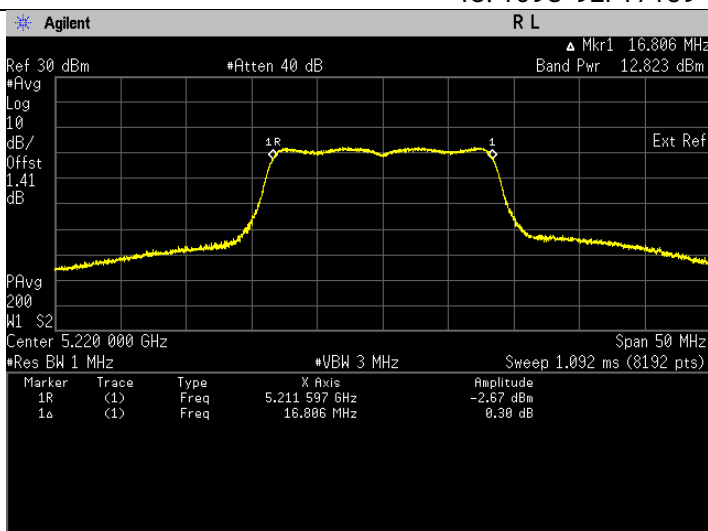
Frequency 5720 MHz, FCC, U-NII-3. *Note: The band power is captured after the 5725 MHz.

802.11a (99% EBW)

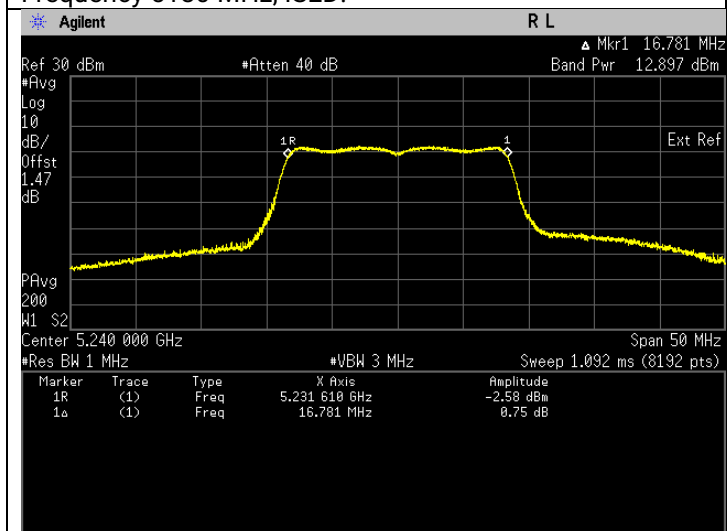
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results				
			Power (mW)	Power (dBm)	Statu s	EIRP (dBm)	Statu s
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	17.689	12.477	Pass	17.477	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	19.852	12.978	Pass	17.978	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	20.193	13.052	Pass	18.052	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	19.422	12.883	Pass	16.883	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	19.226	12.839	Pass	16.839	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	15.181	11.813	Pass	15.813	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	21.203	13.264	Pass	17.264	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	18.076	12.571	Pass	16.571	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	18.476	12.666	Pass	16.666	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	17.775	12.498	Pass	18.498	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	20.597	13.138	Pass	19.138	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	19.971	13.004	Pass	19.004	Pass



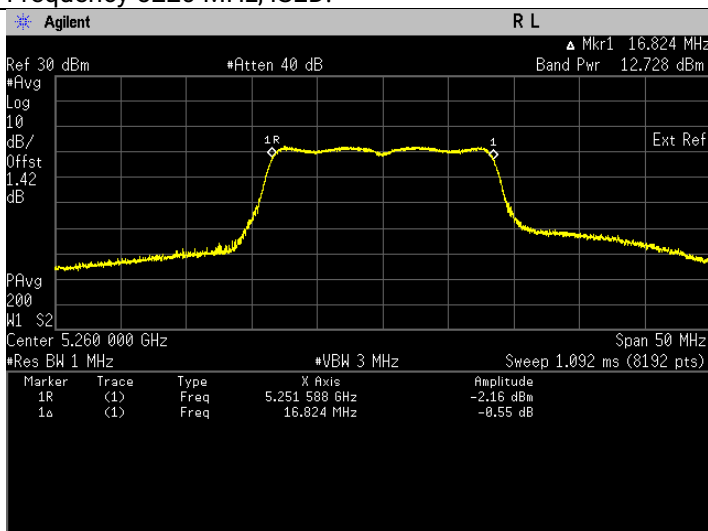
Frequency 5180 MHz, ISED.



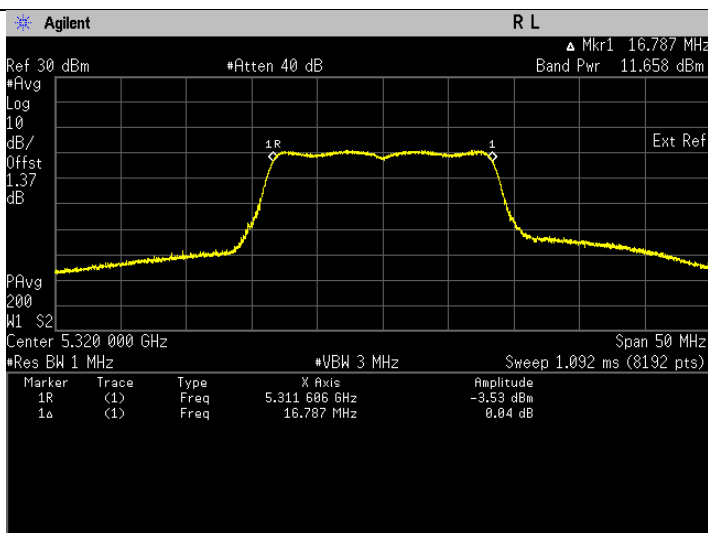
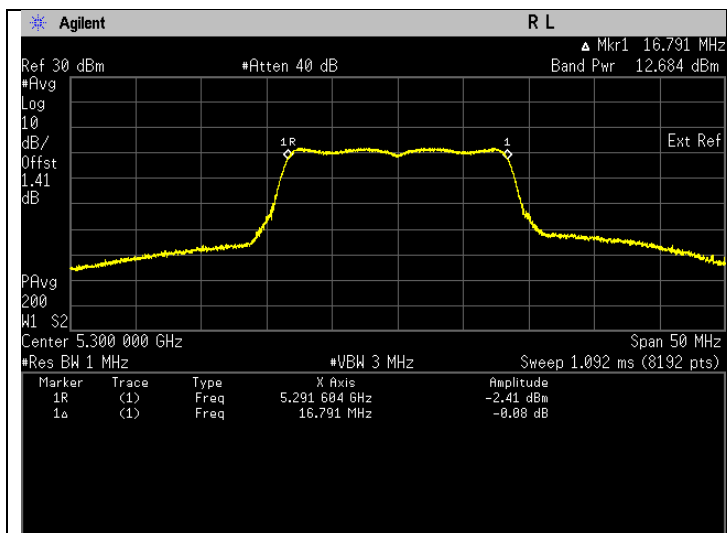
Frequency 5220 MHz, ISED.



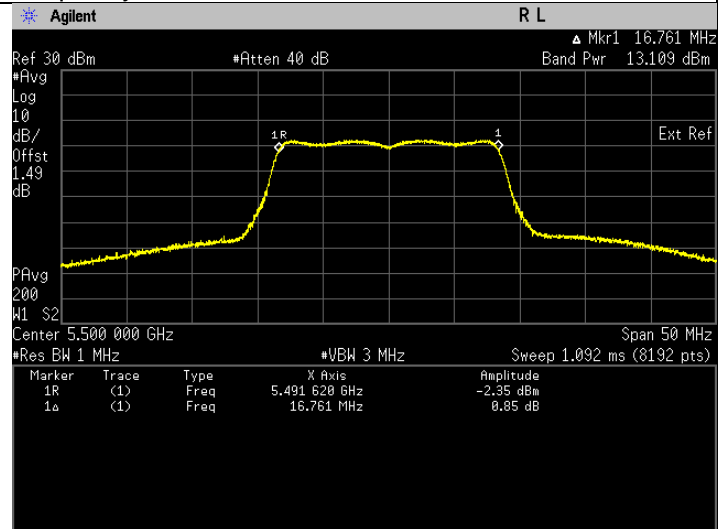
Frequency 5240 MHz, ISED.



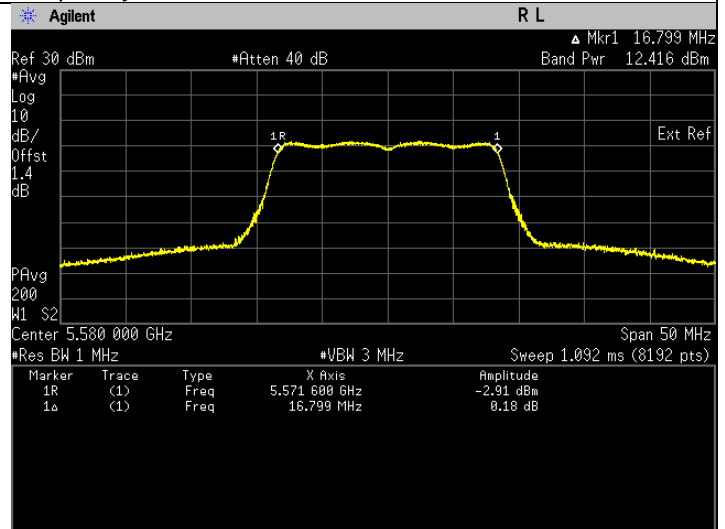
Frequency 5260 MHz, ISED.



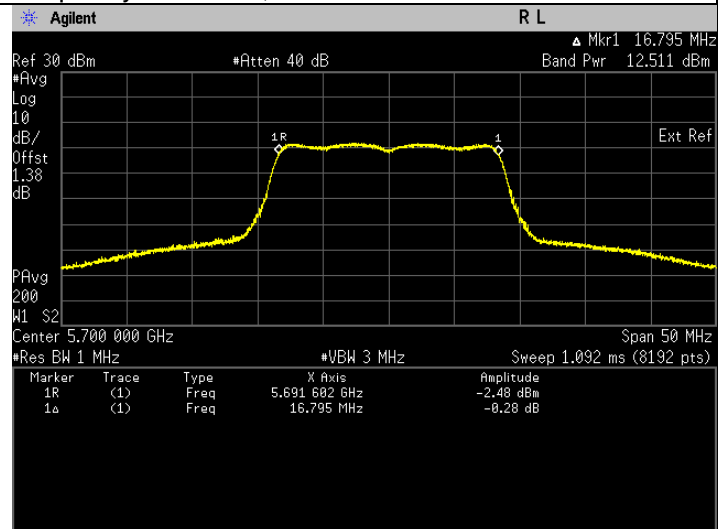
Frequency 5300 MHz, ISED.



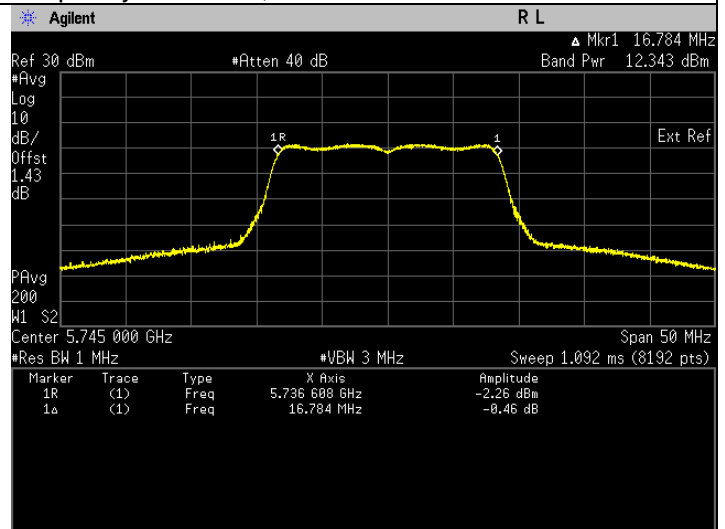
Frequency 5320 MHz, ISED.



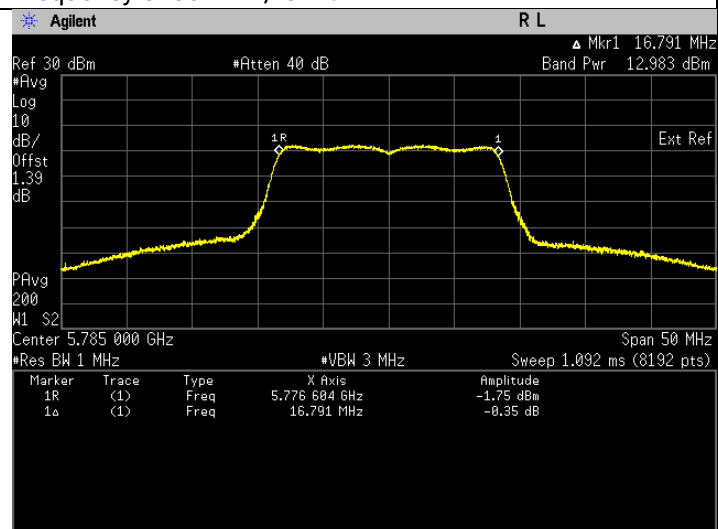
Frequency 5500 MHz, ISED.



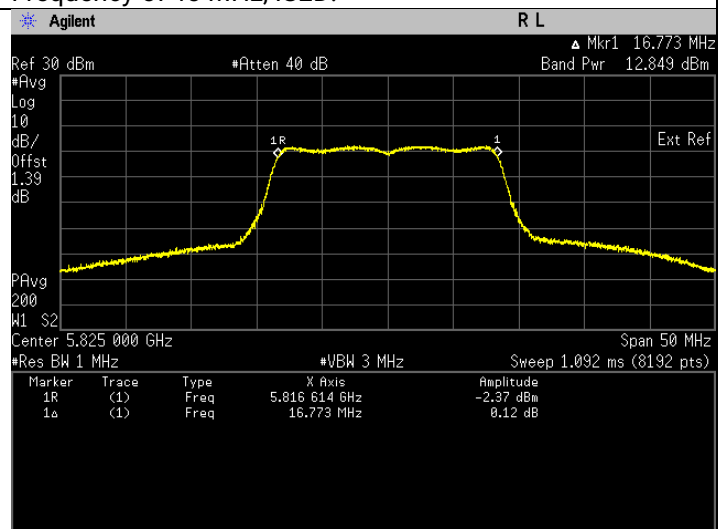
Frequency 5580 MHz, ISED.



Frequency 5700 MHz, ISED.



Frequency 5745 MHz, ISED.

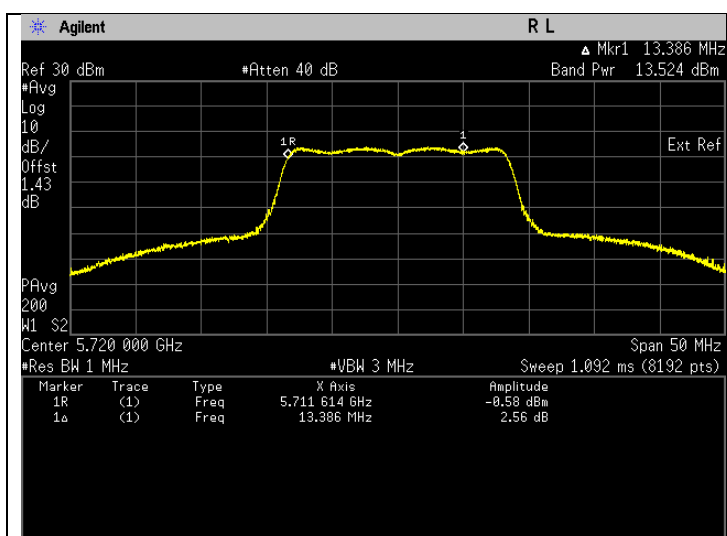


Frequency 5785 MHz, ISED.

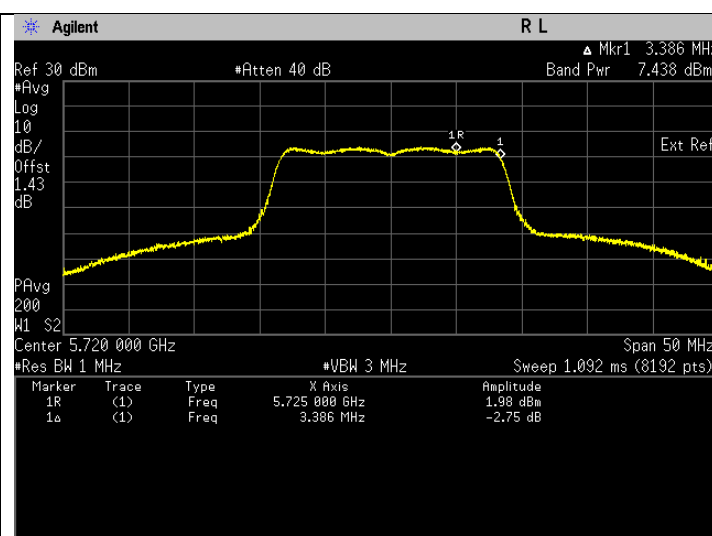
Frequency 5825 MHz, ISED.

Straddle Frequency

Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results				
			U-NII- 2C				
			Power (mW)	Power (dBm)	Statu s	EIRP (dBm)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	23.329	13.679	Pass	17.679	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	U-NII-3				
			5.745	7.593	Pass	11.593	Pass



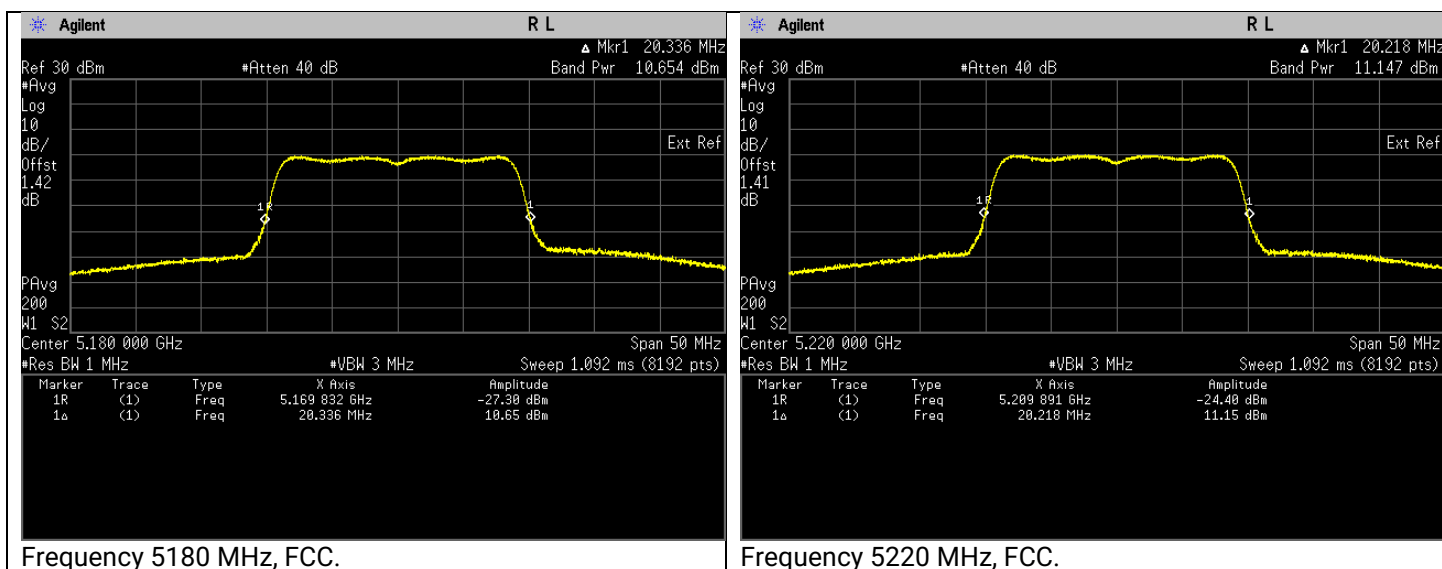
Frequency 5720 MHz, ISED, U-NII-2C. *Note: The band power is captured before the 5725 MHz.

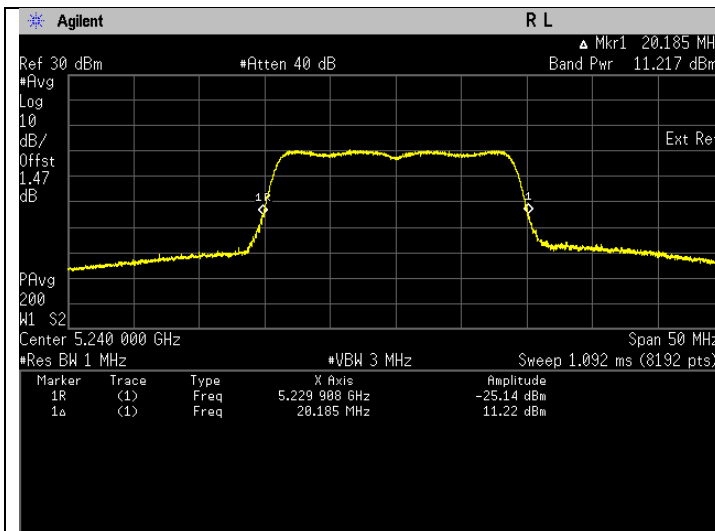


Frequency 5720 MHz, ISED, U-NII-3. *Note: The band power is captured after the 5725 MHz.

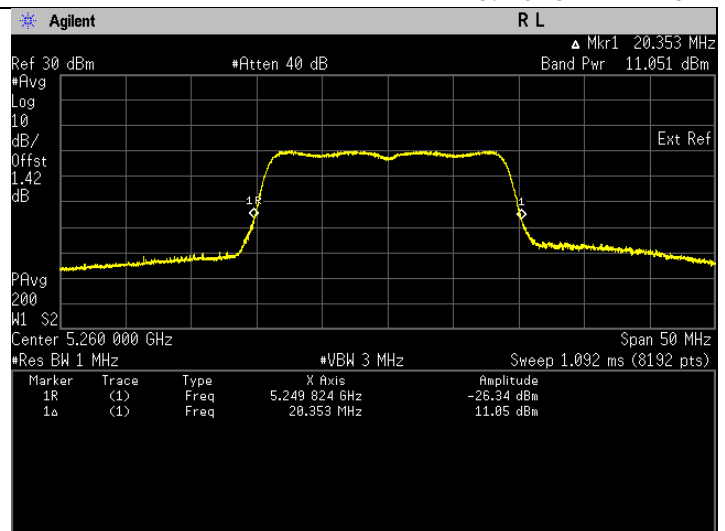
802.11n (HT20) (26dB EBW)

Freq. (MHz)	Test Conditions	Results		
		Power (mW)	Power (dBm)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	11.907	10.758	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.338	11.251	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.555	11.321	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.047	11.155	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.137	11.185	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	12.679	11.031	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	14.309	11.556	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	19.037	12.796	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	15.603	11.932	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	18.923	12.770	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.587	12.452	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	16.463	12.165	Pass

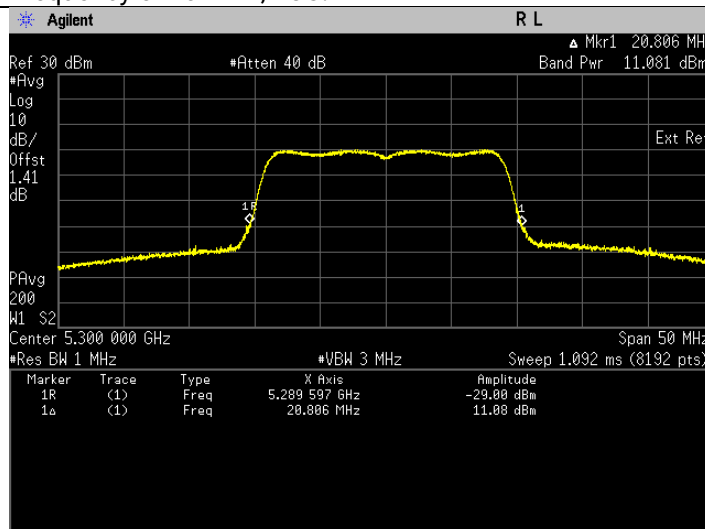




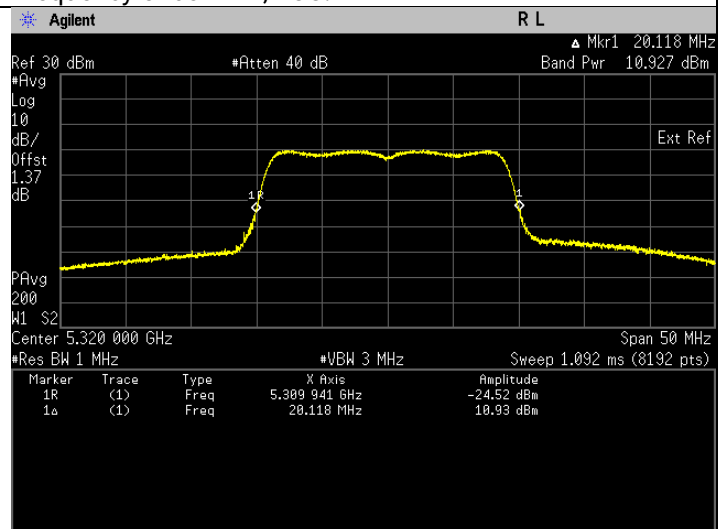
Frequency 5240 MHz, FCC.



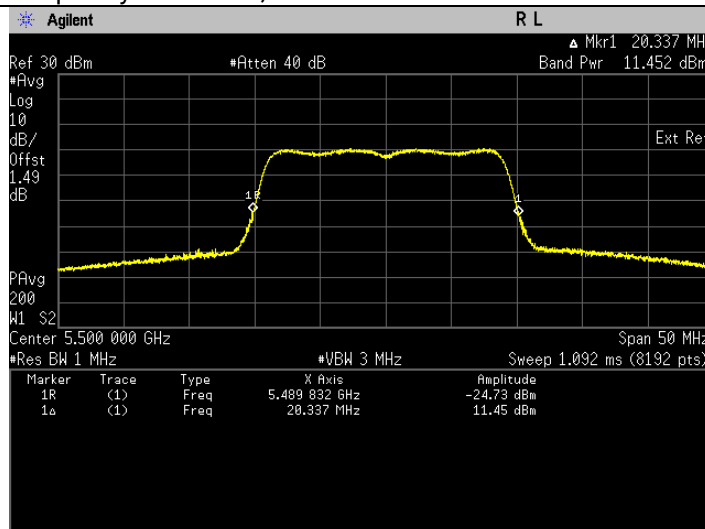
Frequency 5260 MHz, FCC.



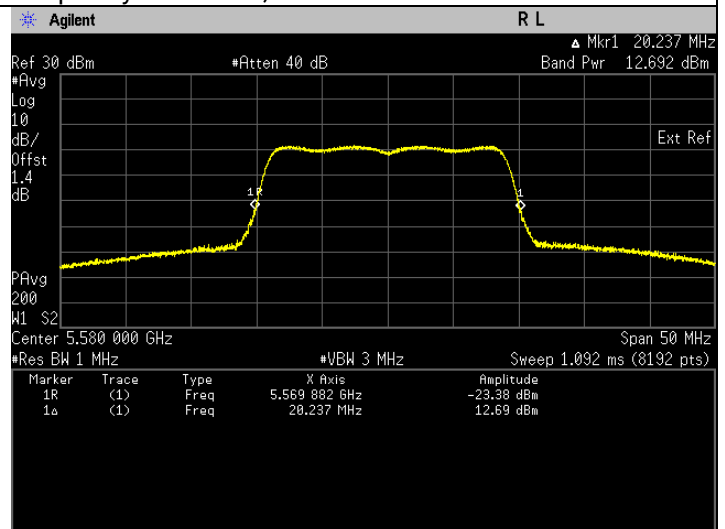
Frequency 5300 MHz, FCC.



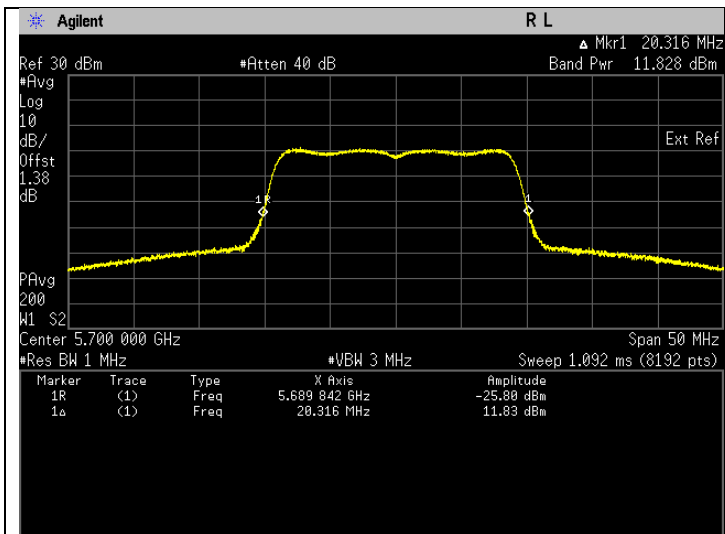
Frequency 5320 MHz, FCC.



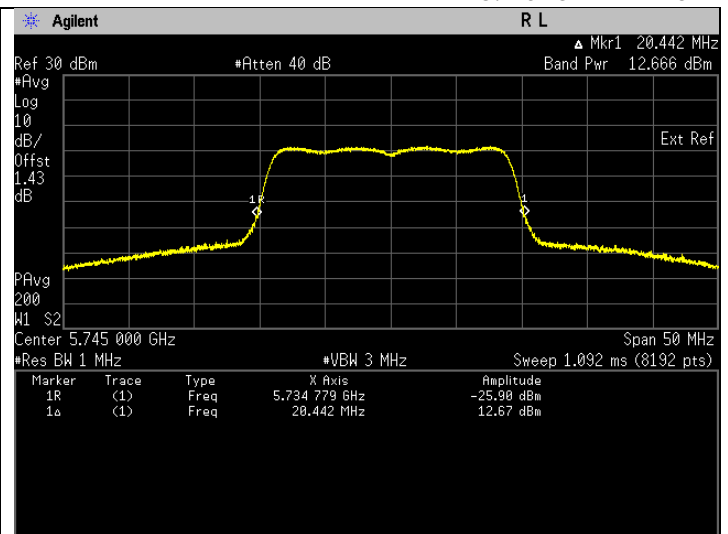
Frequency 5500 MHz, FCC.



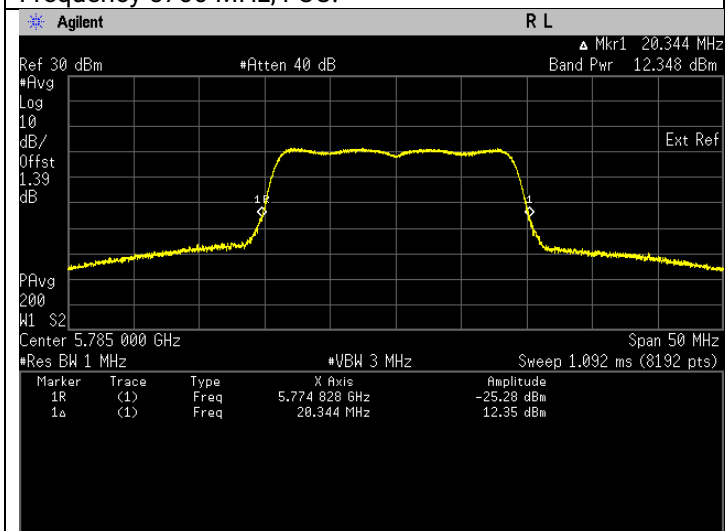
Frequency 5580 MHz, FCC.



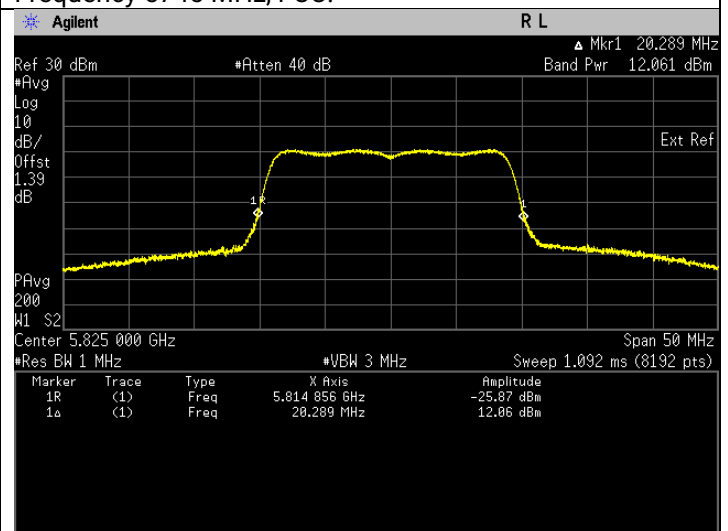
Frequency 5700 MHz, FCC.



Frequency 5745 MHz, FCC.



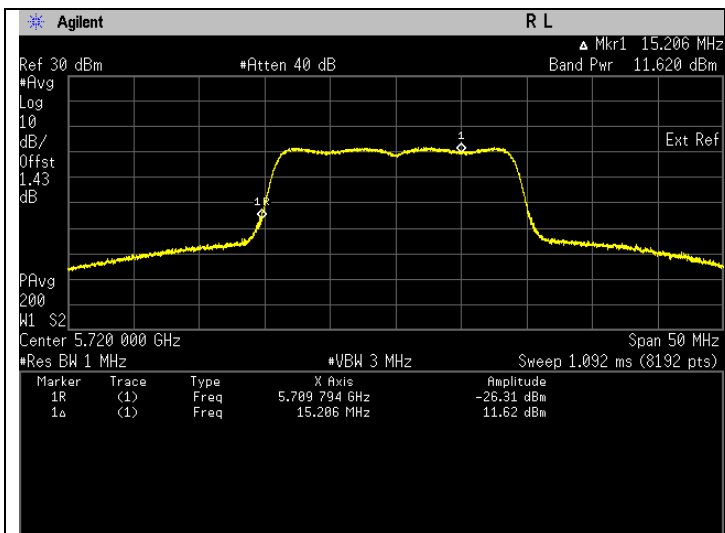
Frequency 5785 MHz, FCC.



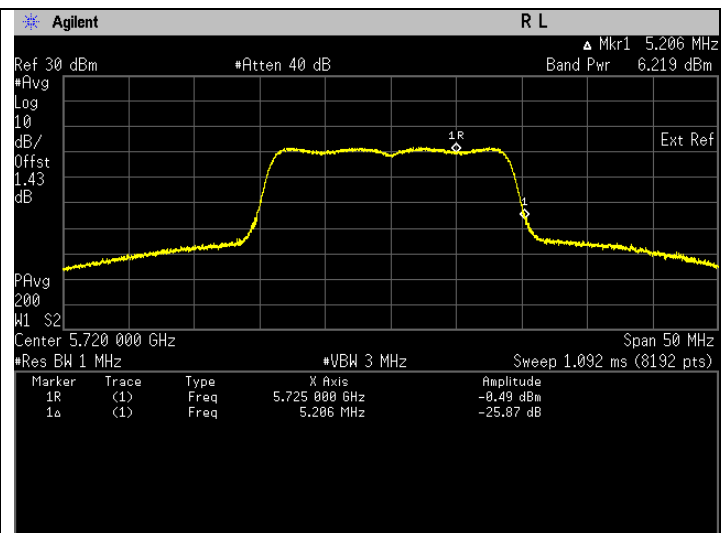
Frequency 5825 MHz, FCC.

Straddle Frequency

Freq. (MHz)	Test Conditions	Results		
		U-NII- 2C		
		Power (mW)	Power (dBm)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	14.873	11.72 4	Pass
			U-NII-3	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.288	6.323	Pass



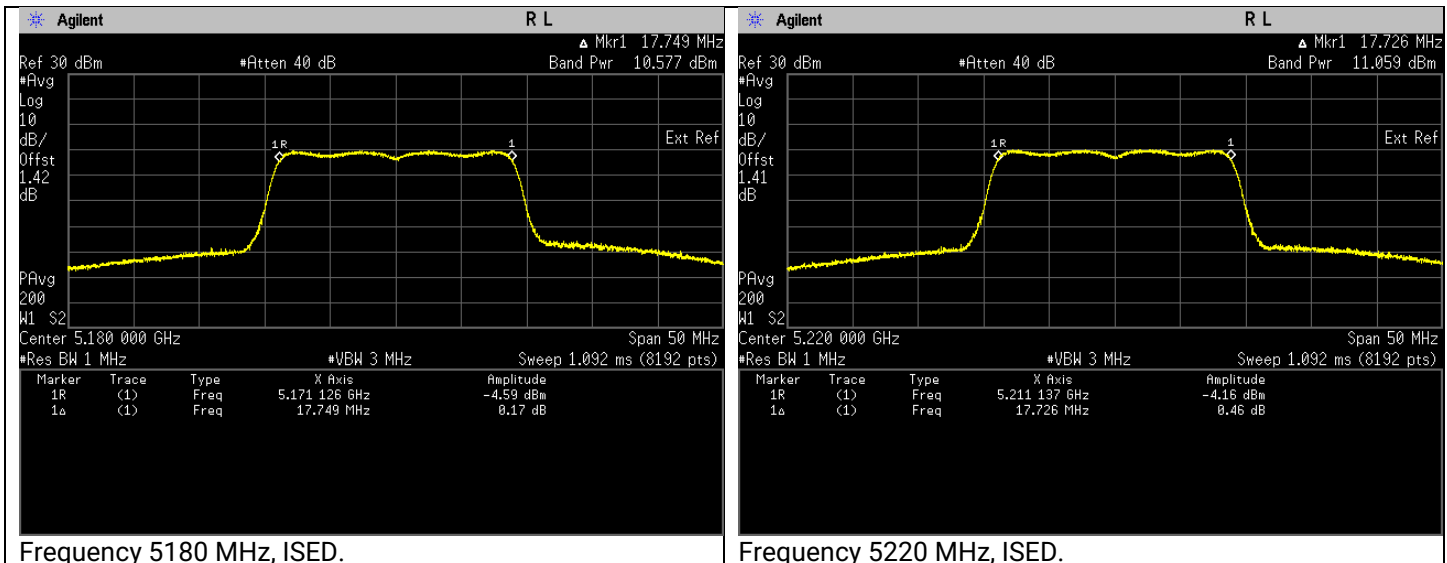
Frequency 5720 MHz, FCC, U-NII-2C. *Note: The band power is captured before the 5725 MHz.

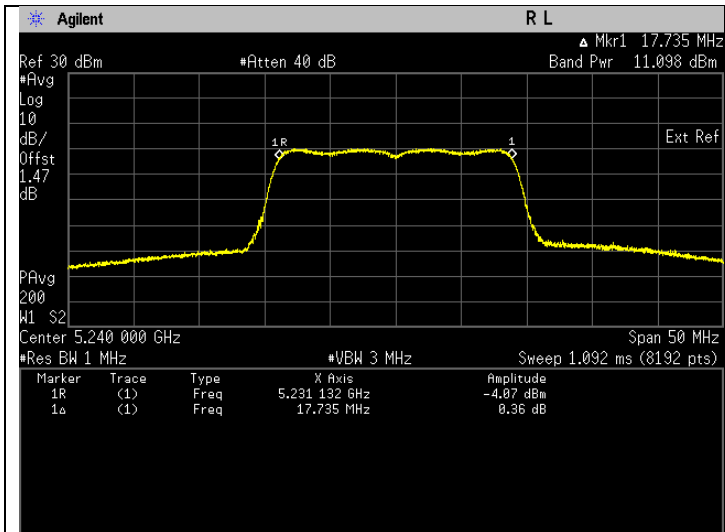


Frequency 5720 MHz, FCC, U-NII-3. *Note: The band power is captured after the 5725 MHz.

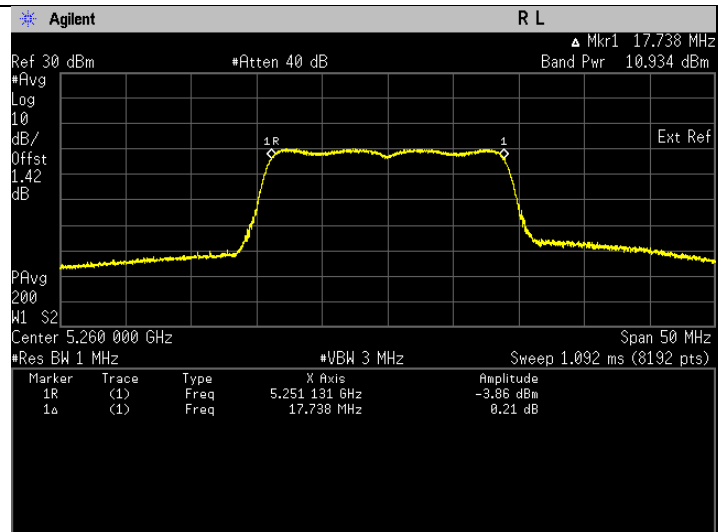
802.11n (HT20) (99% EBW)

Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results				
			Power (mW)	Power (dBm)	Status	EIRP (dBm)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	11.698	10.681	Pass	15.681	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	13.071	11.163	Pass	16.163	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	13.189	11.202	Pass	16.202	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	12.700	11.038	Pass	15.038	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	12.618	11.010	Pass	15.010	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	12.462	10.956	Pass	14.956	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	13.948	11.445	Pass	15.445	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	18.647	12.706	Pass	16.706	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	15.350	11.861	Pass	15.861	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	18.569	12.688	Pass	18.688	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	17.163	12.346	Pass	18.346	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	16.188	12.092	Pass	18.092	Pass

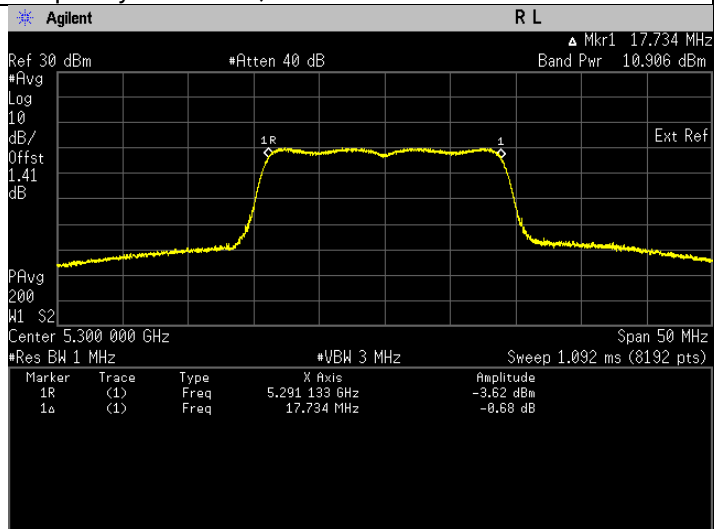




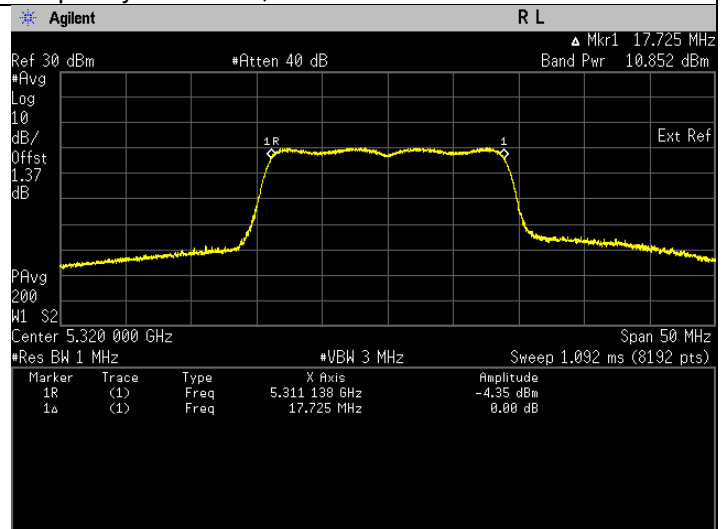
Frequency 5240 MHz, ISED.



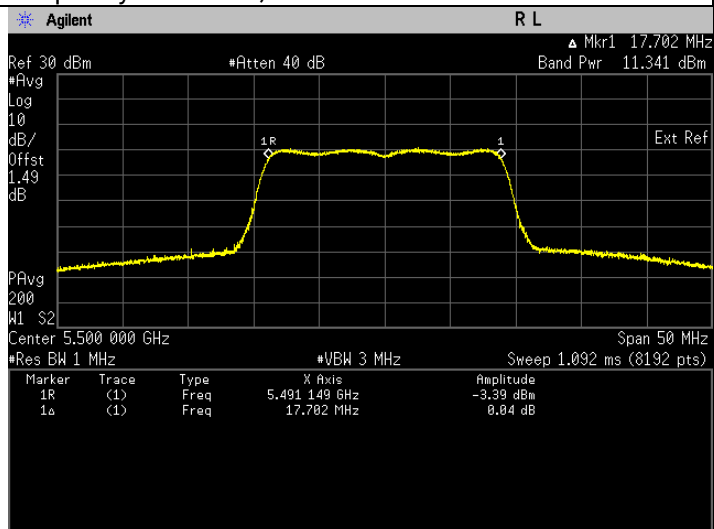
Frequency 5260 MHz, ISED.



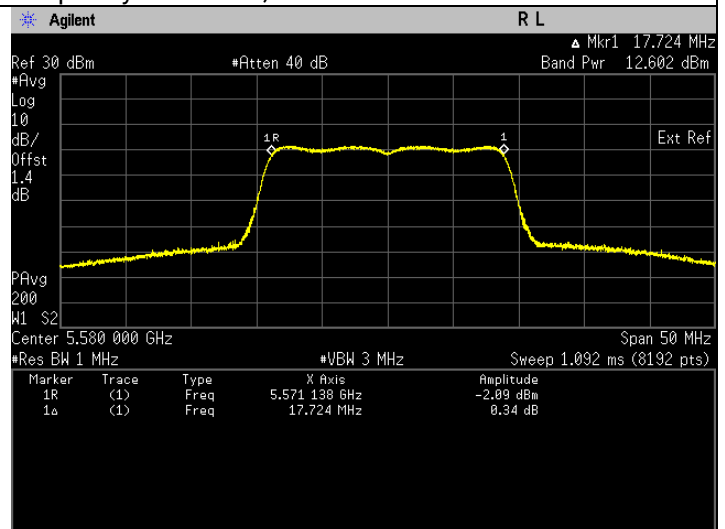
Frequency 5300 MHz, ISED.



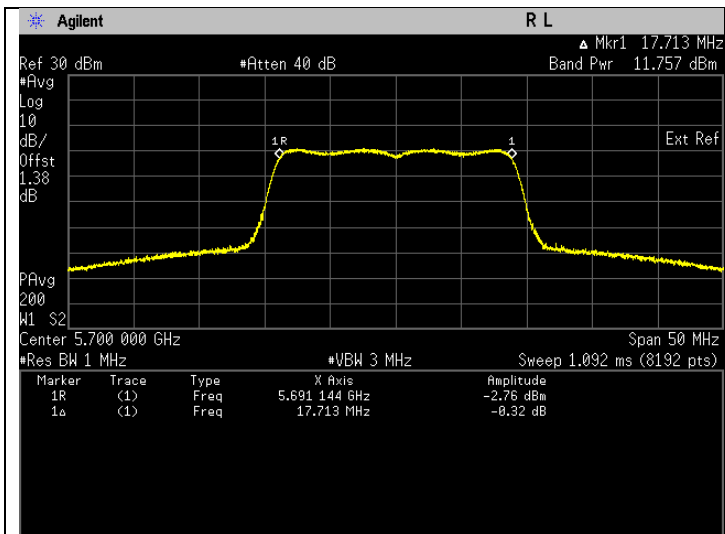
Frequency 5320 MHz, ISED.



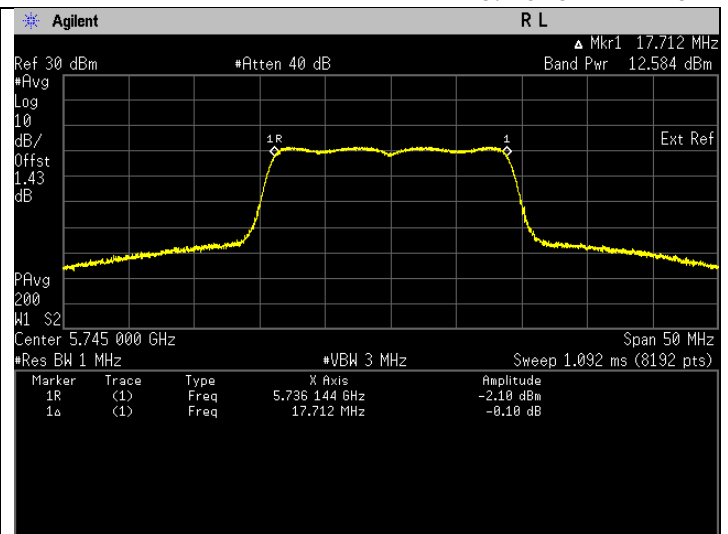
Frequency 5500 MHz, ISED.



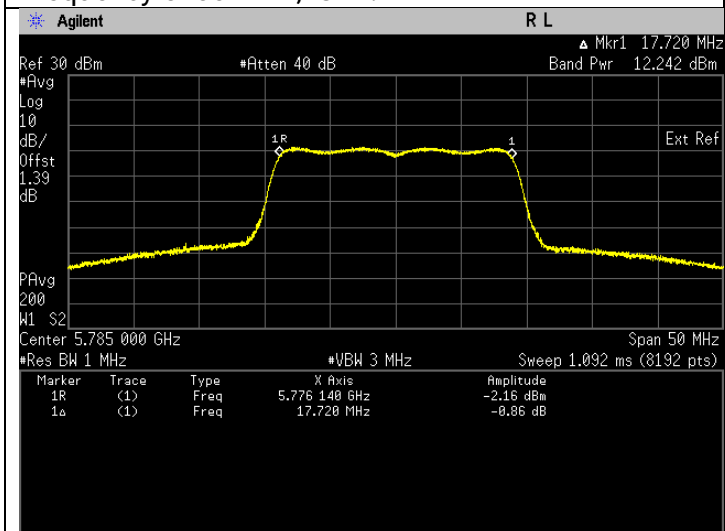
Frequency 5580 MHz, ISED.



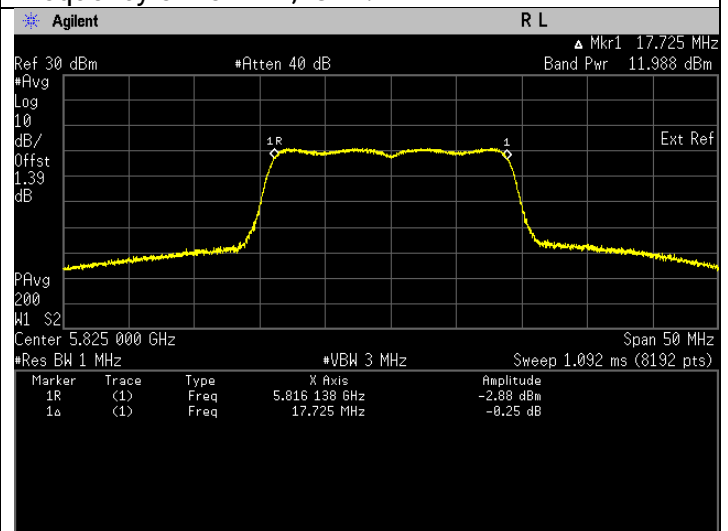
Frequency 5700 MHz, ISED.



Frequency 5745 MHz, ISED.



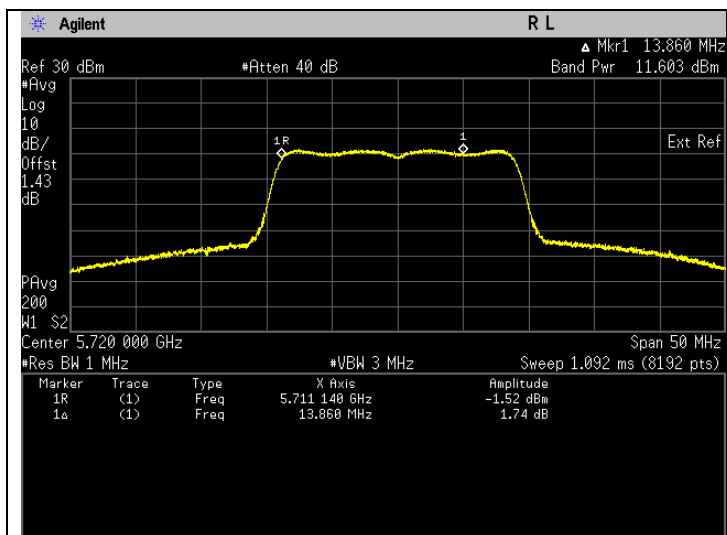
Frequency 5785 MHz, ISED.



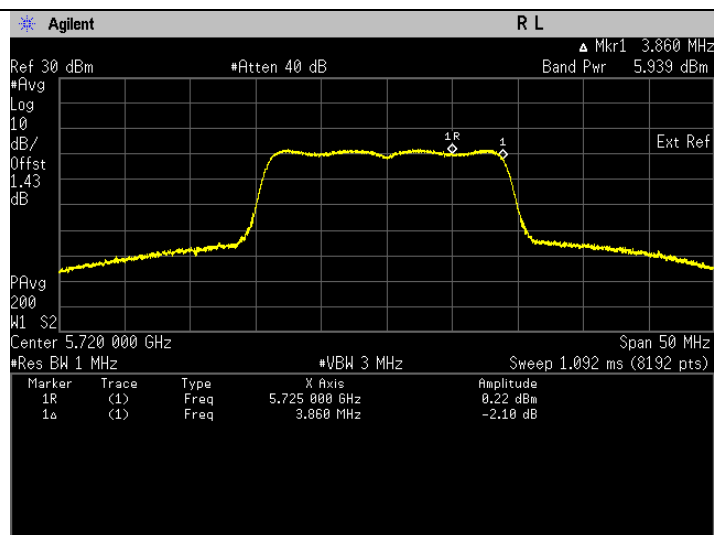
Frequency 5825 MHz, ISED.

Straddle Frequency

Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results				
			U-NII- 2C				
			Power (mW)	Power (dBm)	Statu s	EIRP (dBm)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	14.815	11.707	Pass	15.707	Pass
U-NII-3							
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	4.021	6.043	Pass	10.043	Pass



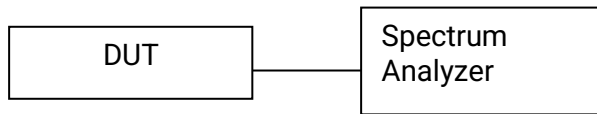
Frequency 5720 MHz, ISED, U-NII-2C. *Note: The band power is captured before the 5725 MHz.



Frequency 5720 MHz, ISED, U-NII-3. *Note: The band power is captured after the 5725 MHz.

7.3. Maximum Power Spectral Density

7.3.1. Test Setup



- a) Test setup as per illustrated above.
- b) Set DUT to transmit at desire transmit frequency.
- c) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- d) Setting of Spectrum analyzer :
 - Span to encompass the entire 26dB EBW or 99% occupied bandwidth.
 - RBW = 1 MHz (5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz) / 500 kHz (5.725-5.85 GHz)
 - VBW $\geq$ 3·RBW
 - Detector = power averaging (RMS)
 - Trace = Max hold
 - Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$
 - Sweep time = auto
 - Trace average at least 100 traces in power averaging (rms) mode
- e) Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- f) Add $10 \log (1/x)$, where x is the duty cycle, to the peak of the spectrum.
- g) The measurement method follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04 under clause F) Method SA-2.
- h) The Maximum power spectral density results are included duty cycle correction factor.

7.3.2. Test Limits

FCC 15.407(a)

Range (GHz)	Condition		Limit
5.15-5.25		Outdoor AP	17dBm/ 1MHz
		Indoor AP	17dBm/ 1MHz
		Fixed Point to Point AP	17dBm/ 1MHz
	√	Mobile and Portable Client Devices	11dBm/ 1MHz
5.25-5.35	√		11dBm/ 1MHz
5.47-5.525	√		11dBm/ 1MHz
5.725-5.85	√		30dBm/ 500kHz

RSS-247 6.2

Range(GHz)	Condition	Limit
5.15-5.25	Indoor Operation Only	EIRP: 10dBm/ 1MHz
5.25-5.35		11dBm/ 1MHz
5.47-5.6 5.6-5.525		11dBm/ 1MHz
5.725-5.85		30dBm/ 500kHz

7.3.3. Additional Info

Antenna	Gain (dBi)
UNII-1	5
UNII-2A, 2C	4
UNII-3	6
Duty Cycle Correction Factor	
802.11a	0.155
802.11n20	0.104

7.3.4. Test Data

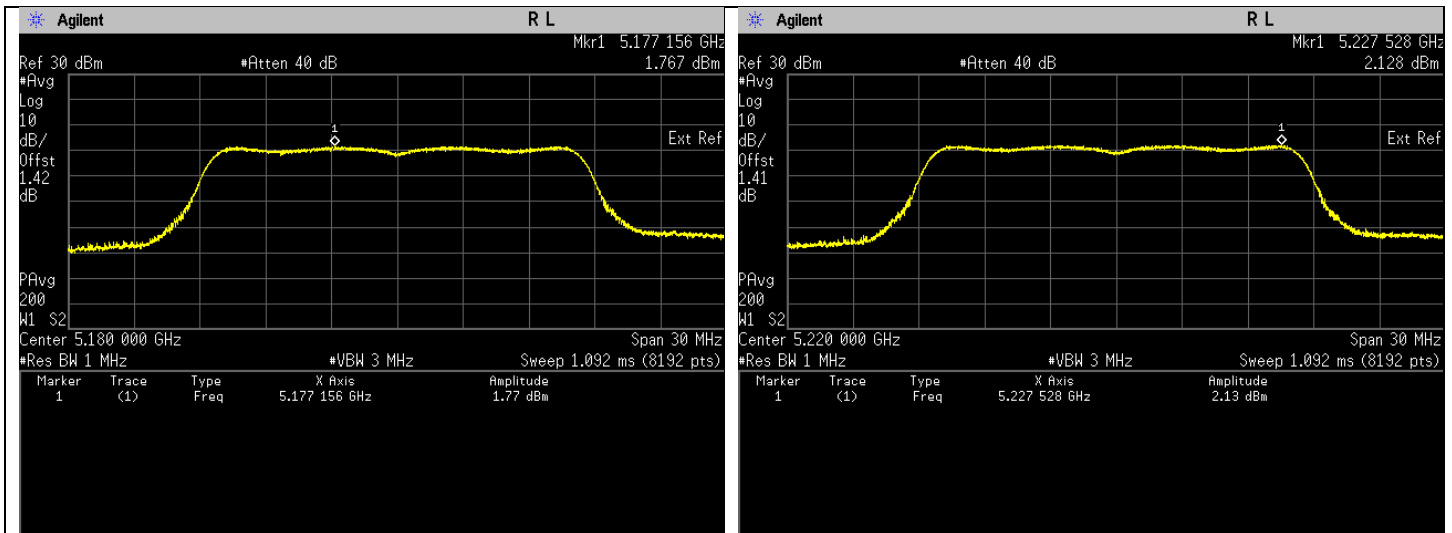
802.11a (26dB EBW)

Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	1.922	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.283	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.437	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.346	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	1.951	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	1.132	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.842	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	1.990	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.310	Pass
Freq. (MHz)	Test Conditions	Power/Frequency (dBm/500kHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	-1.023	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	-0.311	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	-0.397	Pass

802.11a (99% EBW)

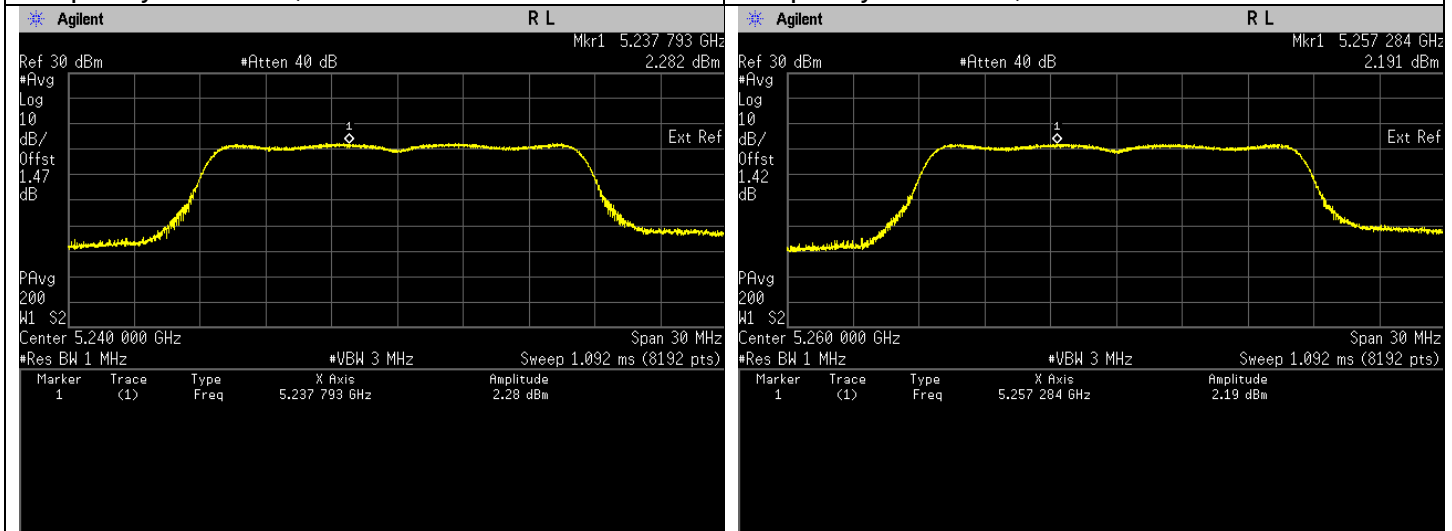
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results			
			Power/Frequency (dBm/MHz)	Status	EIRP (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	1.922	Pass	6.922	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	2.283	Pass	7.283	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	2.437	Pass	7.437	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	2.346	Pass	6.346	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	1.951	Pass	5.951	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	1.132	Pass	5.132	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	2.842	Pass	6.842	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	1.990	Pass	5.990	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	2.310	Pass	6.310	Pass
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Power/Frequency (dBm/500kHz)	Status	EIRP (dBm/500kHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	-1.023	Pass	4.977	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	-0.311	Pass	5.689	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	-0.397	Pass	5.603	Pass

Plots for 802.11a (26dB EBW & 99% EBW)



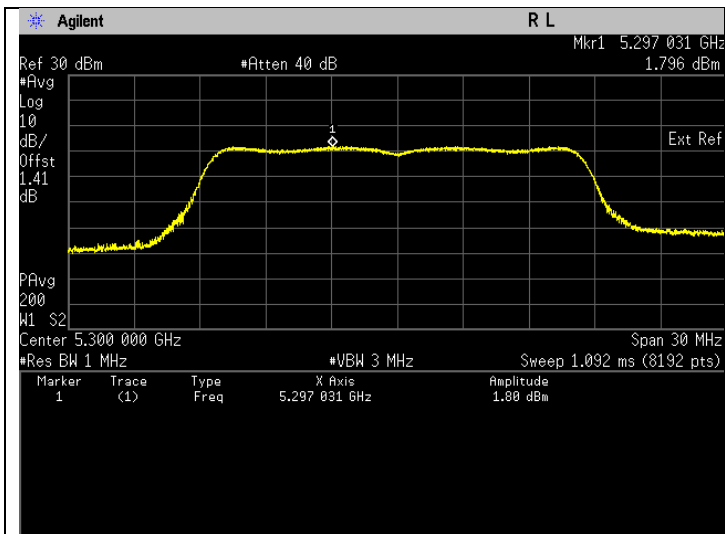
Frequency 5180 MHz, FCC & ISSED.

Frequency 5220 MHz, FCC & ISSED.

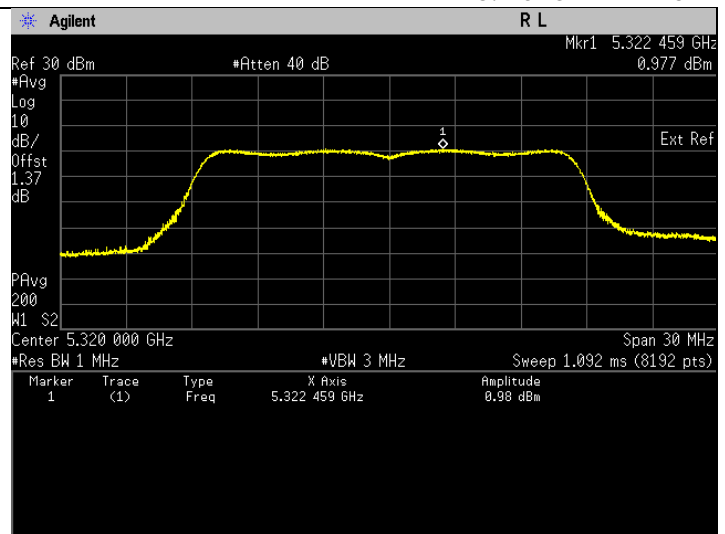


Frequency 5240 MHz, FCC & ISSED.

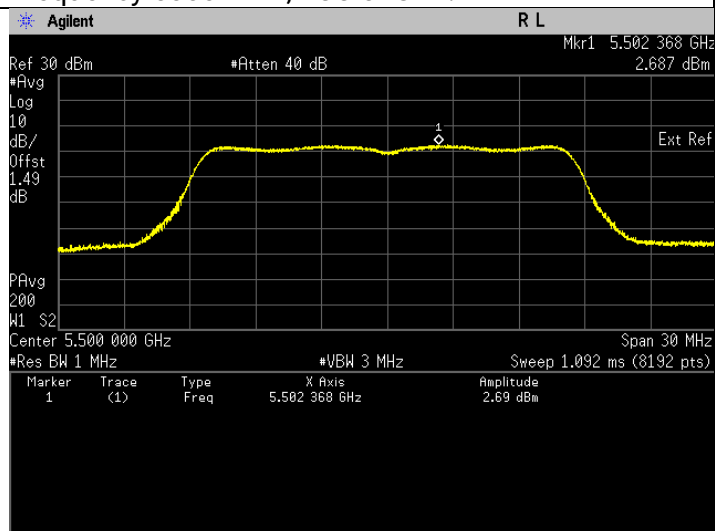
Frequency 5260 MHz, FCC & ISSED.



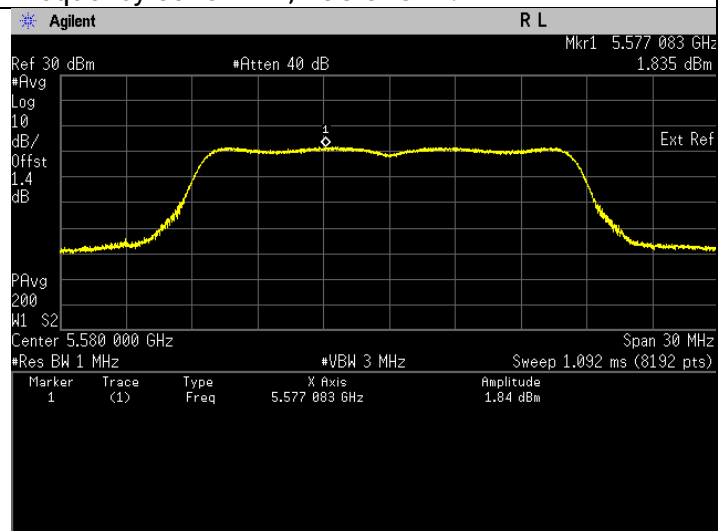
Frequency 5300 MHz, FCC & ISDE.



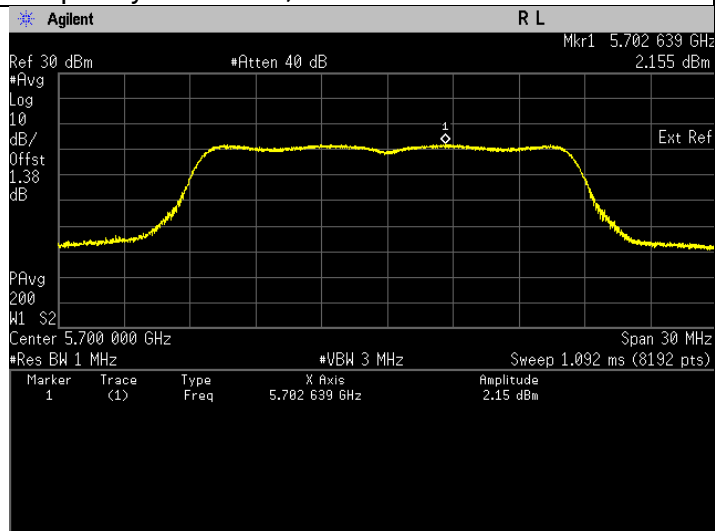
Frequency 5320 MHz, FCC & ISDE.



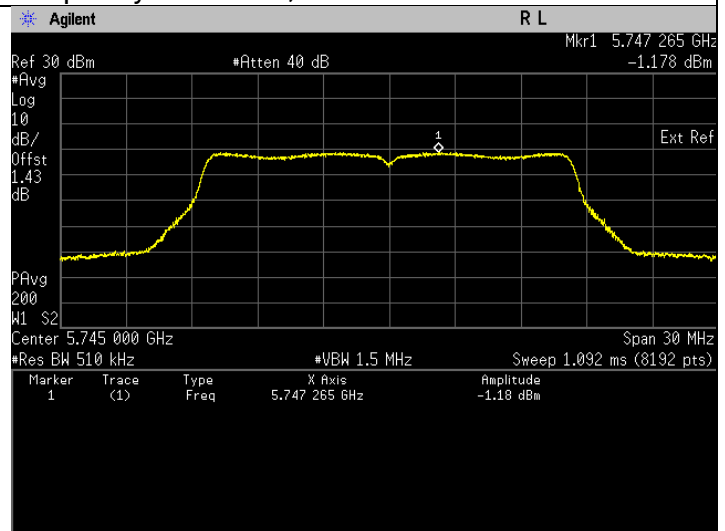
Frequency 5500 MHz, FCC & ISDE.



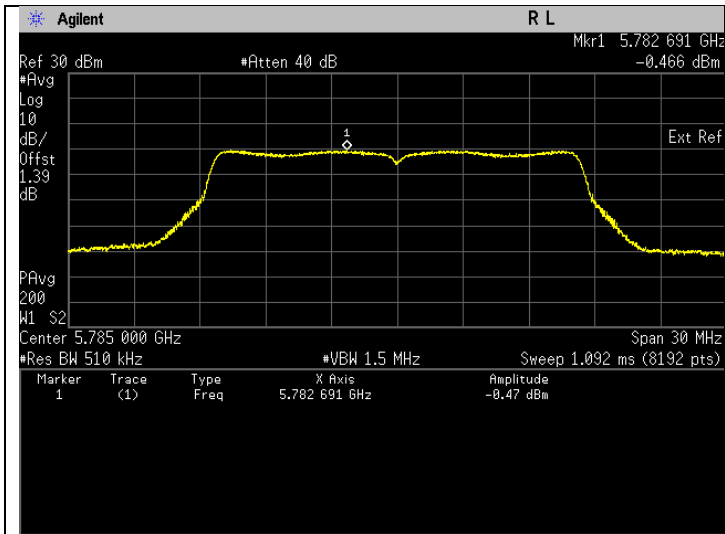
Frequency 5580 MHz, FCC & ISDE.



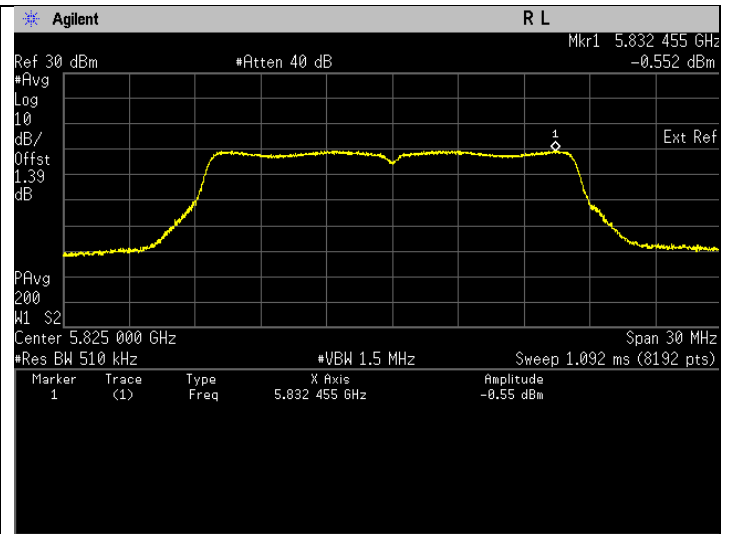
Frequency 5700 MHz, FCC & ISDE.



Frequency 5745 MHz, FCC & ISDE.



Frequency 5785 MHz, FCC & ISSED.



Frequency 5825 MHz, FCC & ISSED.

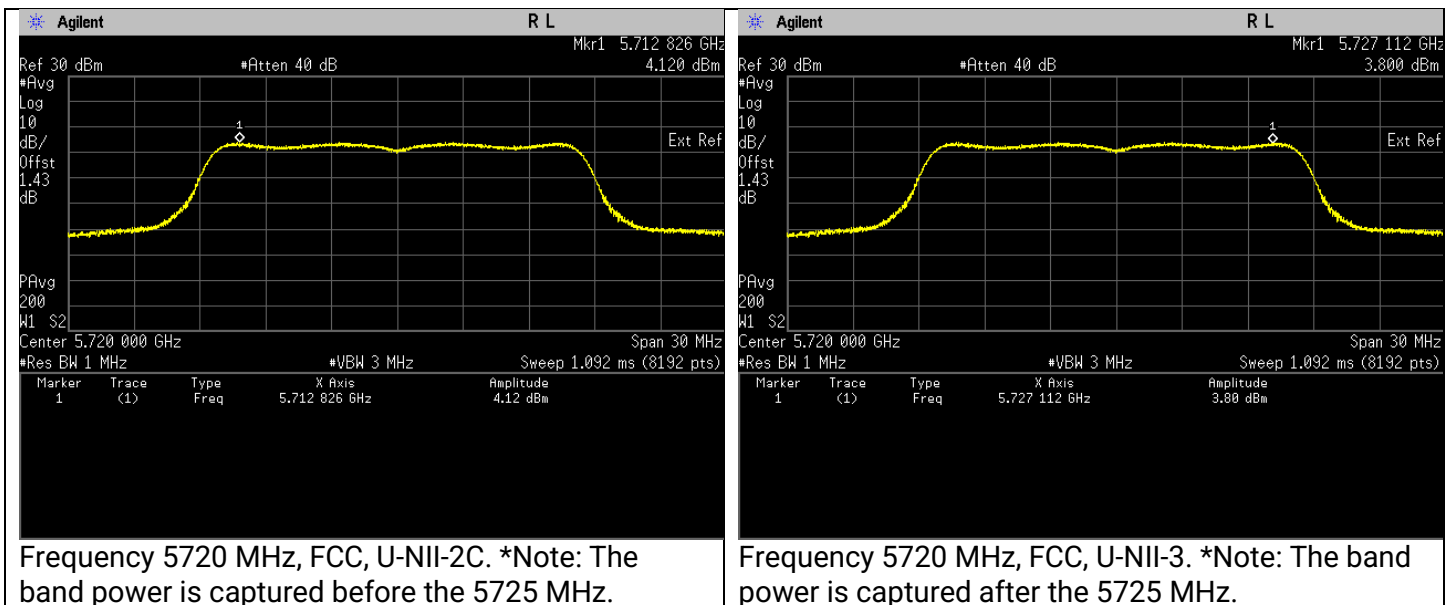
Straddle Frequency for 802.11a (26dB EBW)

Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
		U-NII- 2C	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.275	Pass
Freq. (MHz)	Test Conditions	U-NII-3	
		Power/Frequency (dBm/500kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.955	Pass

Straddle Frequency for 802.11a (99% EBW)

Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results		
			Power/Frequency (dBm/MHz)	EIRP (dBm/ MHz)	Status
			U-NII- 2C		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	4.275	8.275	Pass
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	U-NII-3		
			Power/Frequency (dBm/500kHz)	EIRP (dBm/500kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	3.955	7.955	Pass

Plots for 802.11a Straddle Frequency (26dB EBW & 99% EBW)



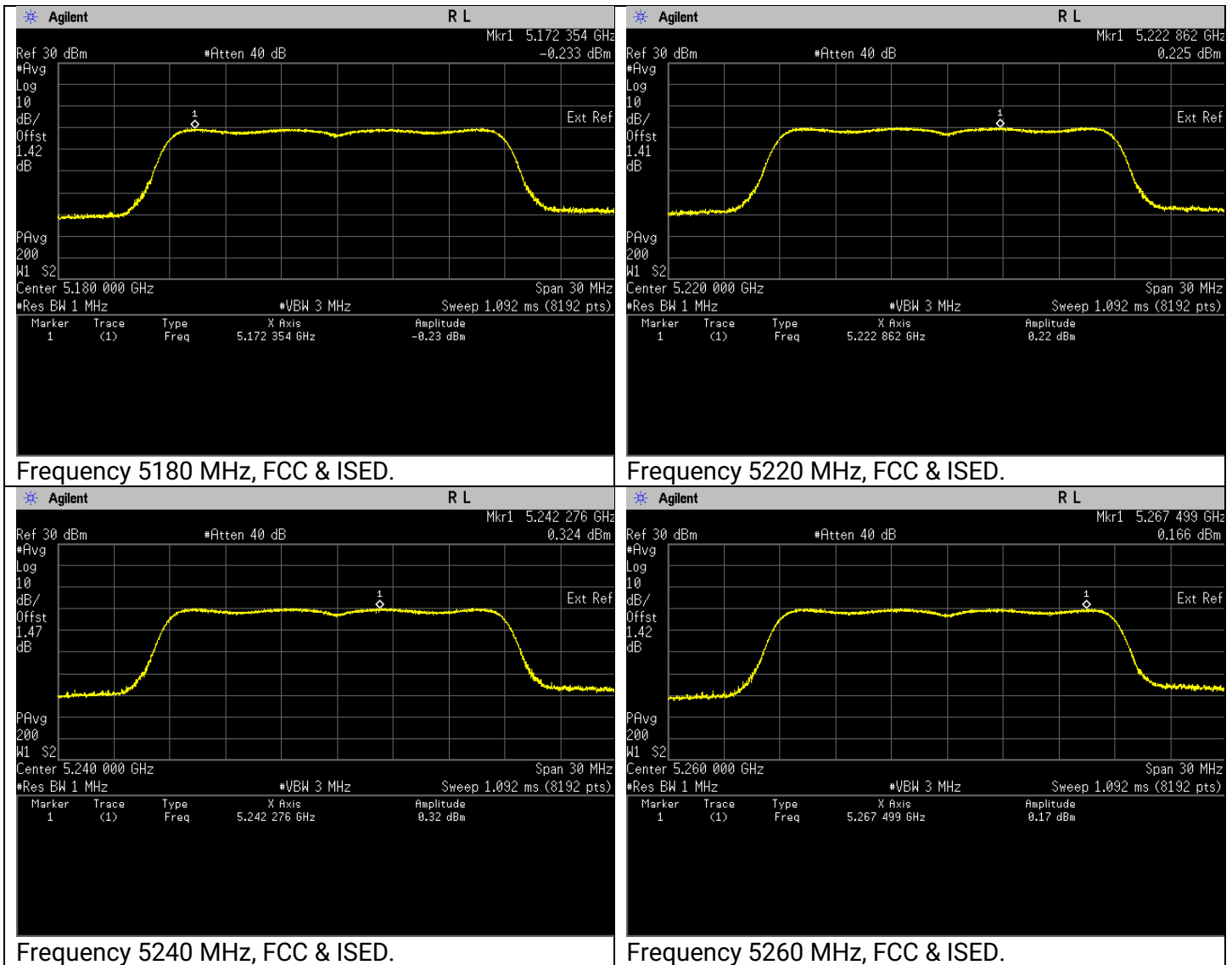
802.11n (HT20)(26dB EBW)

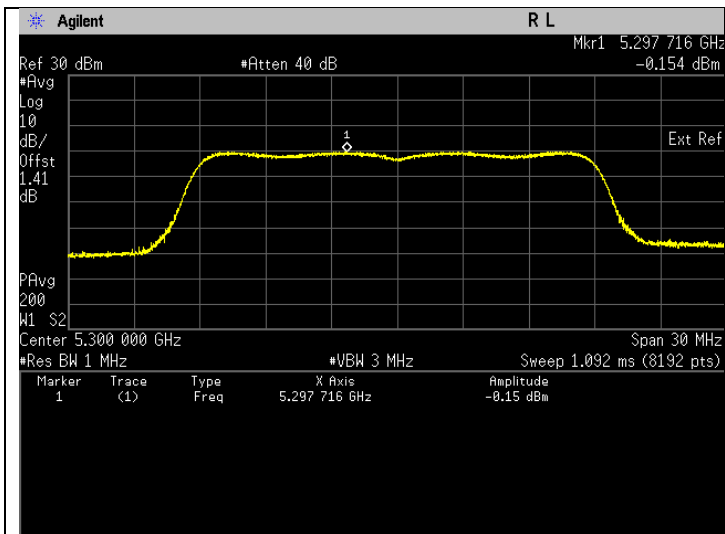
Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-0.129	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.329	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.428	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.270	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-0.050	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.055	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.697	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.852	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.216	Pass
Freq. (MHz)	Test Conditions	Power/Frequency (dBm/500kHz)	
			Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-0.791	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-1.099	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-1.550	Pass

802.11n (HT20)(99% EBW)

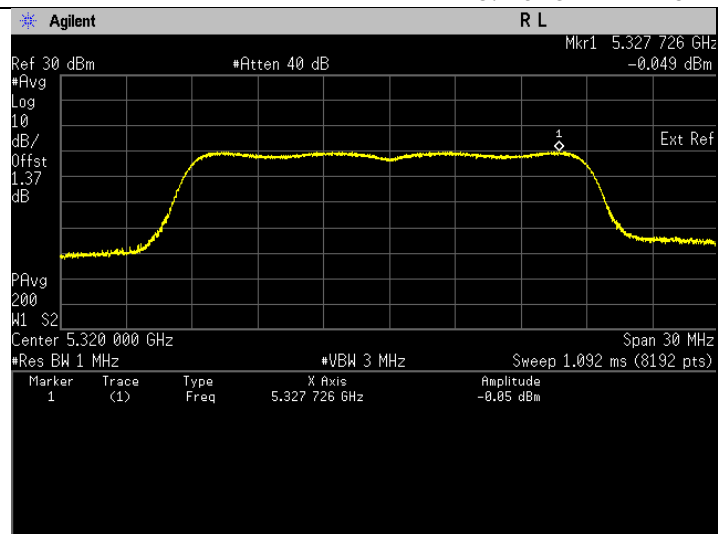
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results			
			Power/Frequency (dBm/MHz)	Statu s	EIRP (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	-0.129	Pass	4.871	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	0.329	Pass	5.329	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	0.428	Pass	5.428	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	0.270	Pass	4.270	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	-0.050	Pass	3.950	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	0.055	Pass	4.055	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	0.697	Pass	4.697	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	1.852	Pass	5.852	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	1.216	Pass	5.216	Pass
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Power/Frequency (dBm/500kHz)	Statu s	EIRP (dBm/500k Hz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	-0.791	Pass	5.209	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	-1.099	Pass	4.901	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	-1.550	Pass	4.450	Pass

Plots for 802.11n (HT20) (26dB EBW & 99% EBW)

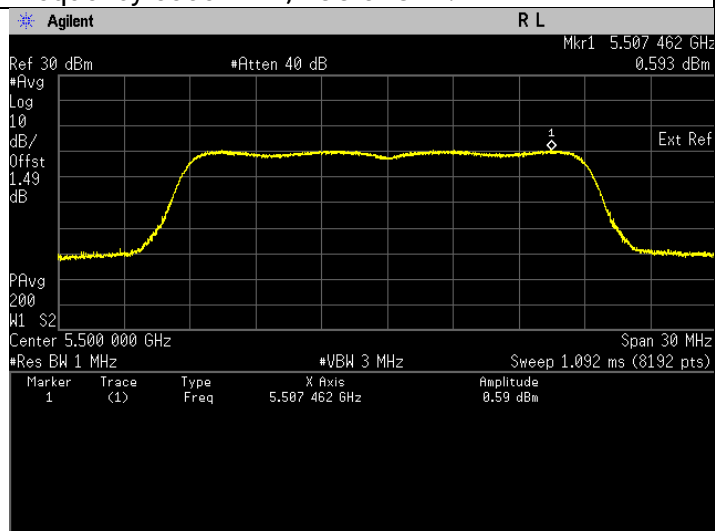




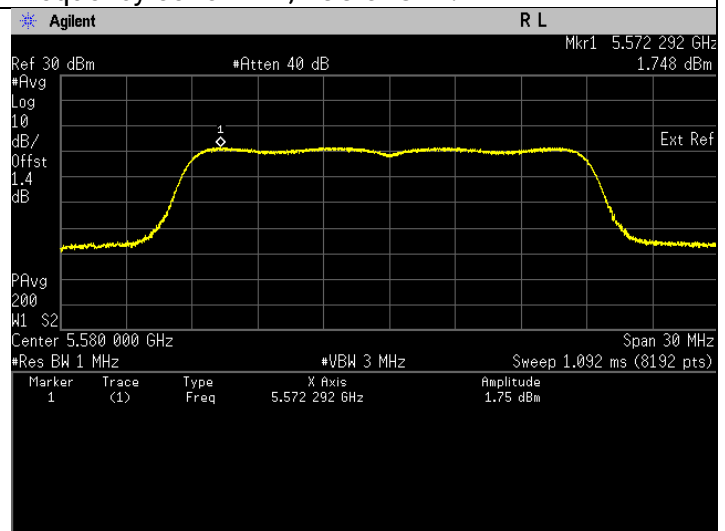
Frequency 5300 MHz, FCC & ISSED.



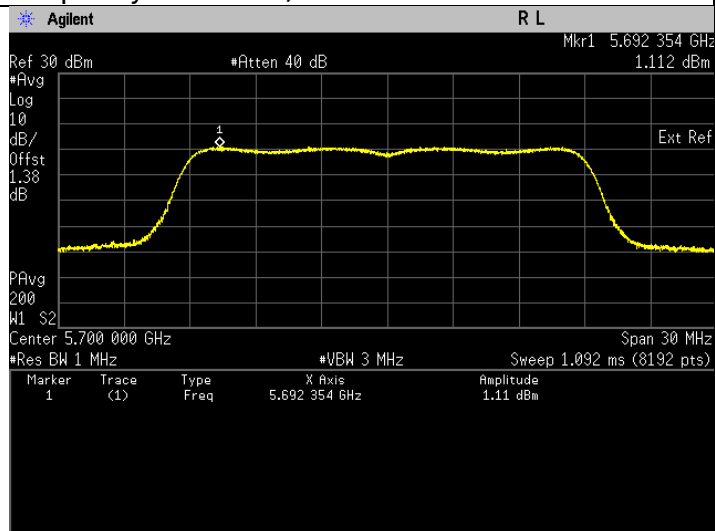
Frequency 5320 MHz, FCC & ISSED.



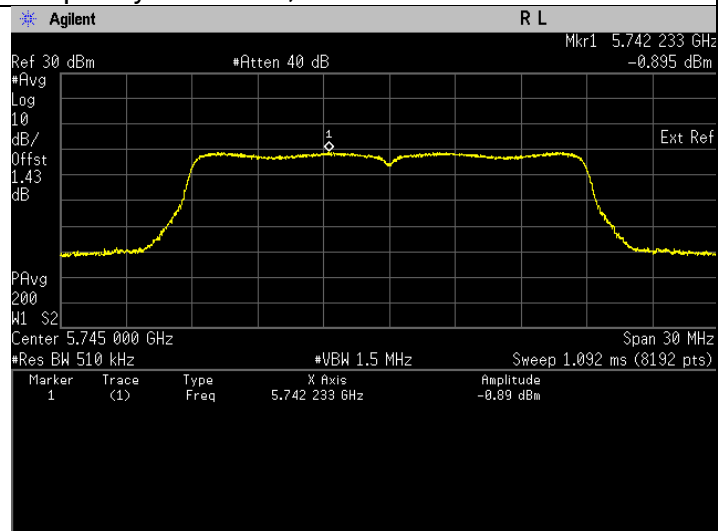
Frequency 5500 MHz, FCC & ISSED.



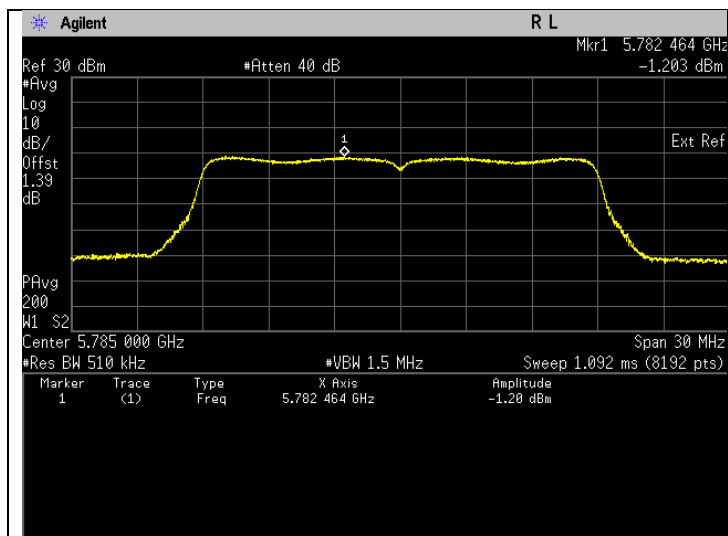
Frequency 5580 MHz, FCC & ISSED.



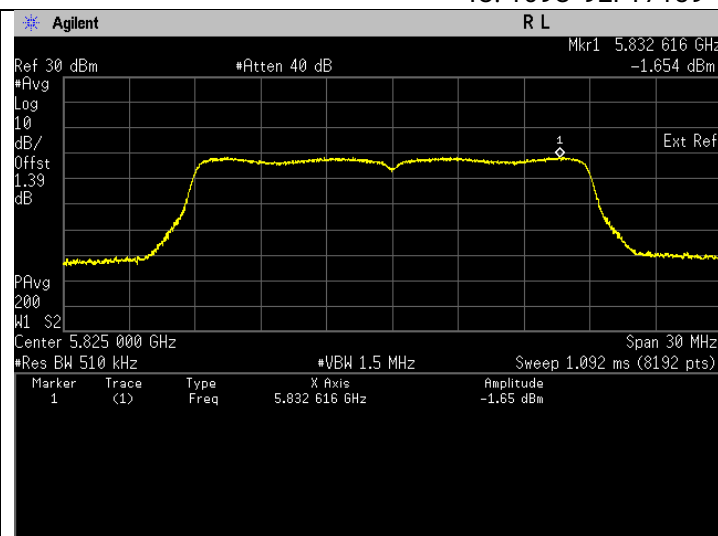
Frequency 5700 MHz, FCC & ISSED.



Frequency 5745 MHz, FCC & ISSED.



Frequency 5785 MHz, FCC & ISED.



Frequency 5825 MHz, FCC & ISED.

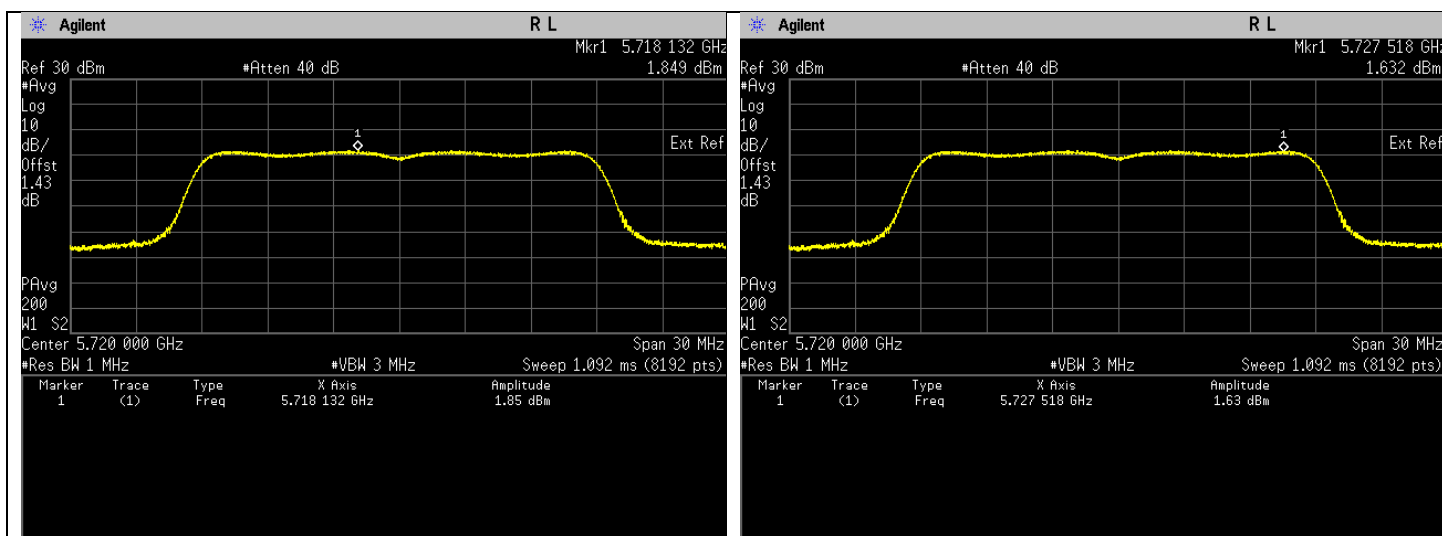
Straddle Frequency for 802.11n (HT20) (26dB EBW)

Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
		U-NII- 2C	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.953	Pass
Freq. (MHz)	Test Conditions	U-NII-3	
		Power/Frequency (dBm/500kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.736	Pass

Straddle Frequency for 802.11n (HT20) (99% EBW)

Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results		
			Power/Frequency (dBm/MHz)	EIRP (dBm/ MHz)	Status
			U-NII- 2C		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	1.953	5.953	Pass
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	U-NII-3		
			Power/Frequency (dBm/500kHz)	EIRP (dBm/500kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	1.736	5.736	Pass

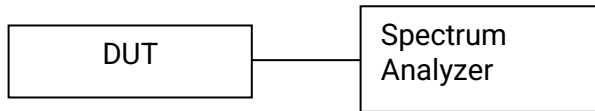
Plots for 802.11n (HT20) Straddle Frequency (26dB EBW & 99% EBW)



Frequency 5720 MHz, FCC, U-NII-2C. *Note: The band power is captured before the 5725 MHz.	Frequency 5720 MHz, FCC, U-NII-3. *Note: The band power is captured after the 5725 MHz.
---	---

7.4. 6dB Bandwidth

7.4.1. Test Setup



- Test setup as per illustrated above.
- Set DUT to transmit at desire transmit frequency.
- 6dB bandwidth is applicable for the band 5.725-5.85GHz only.
- Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- Setting of Spectrum analyzer :
 - RBW = 100 kHz
 - VBW $\geq$ 3·RBW
 - Detector = Peak
 - Trace = Max Hold
 - Sweep = Auto couple
- Allow trace to stabilize.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
- The measurement method follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04 under clause C.2).

7.4.2. Test Limits

FCC 15.407(e)

Within the 5.725-5.85GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

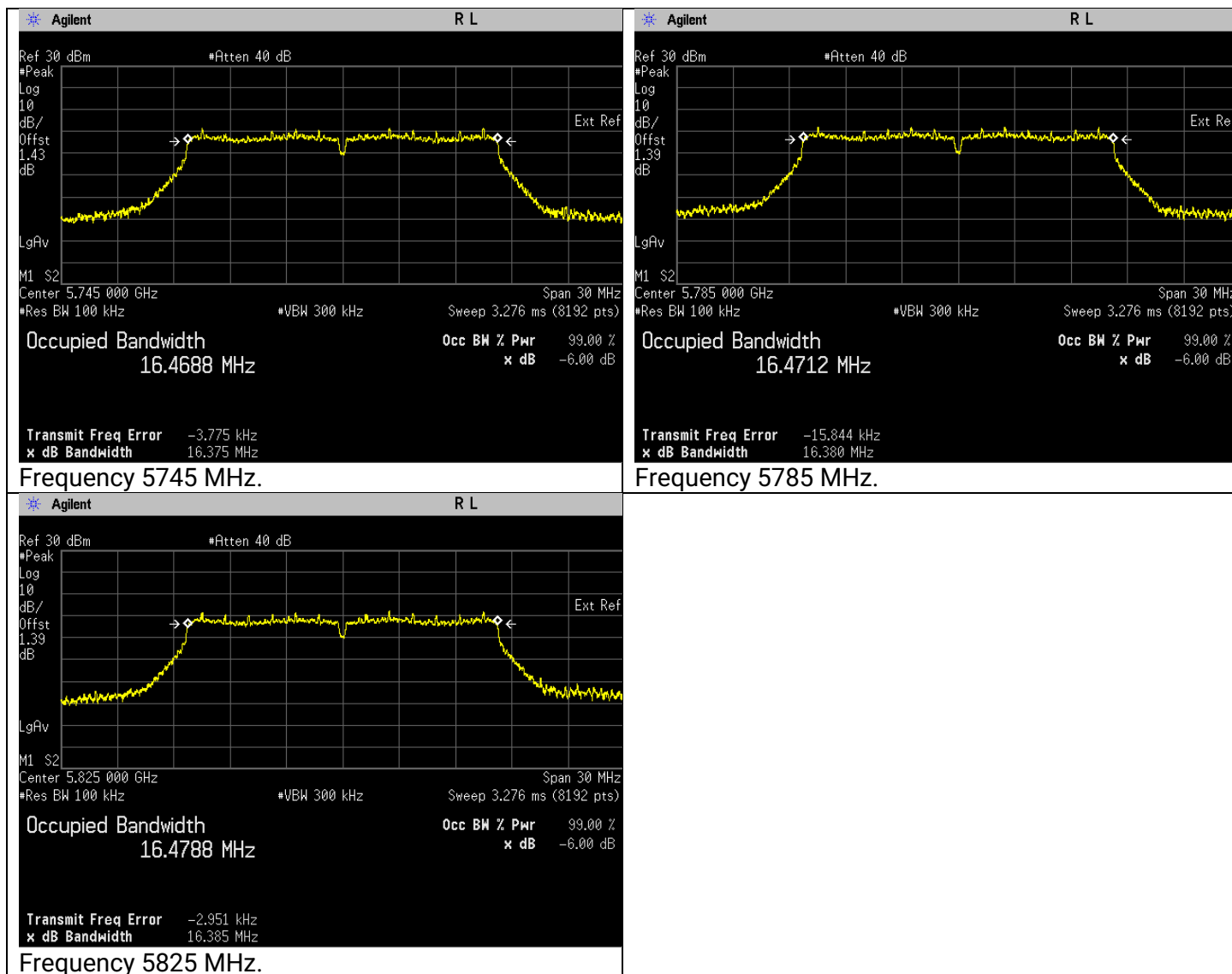
RSS 247 6.2.4

For equipment operating in the band 5725-5850 MHz, the minimum 6 dB bandwidth shall be at least 500 kHz.

7.4.3. Test Data

802.11a

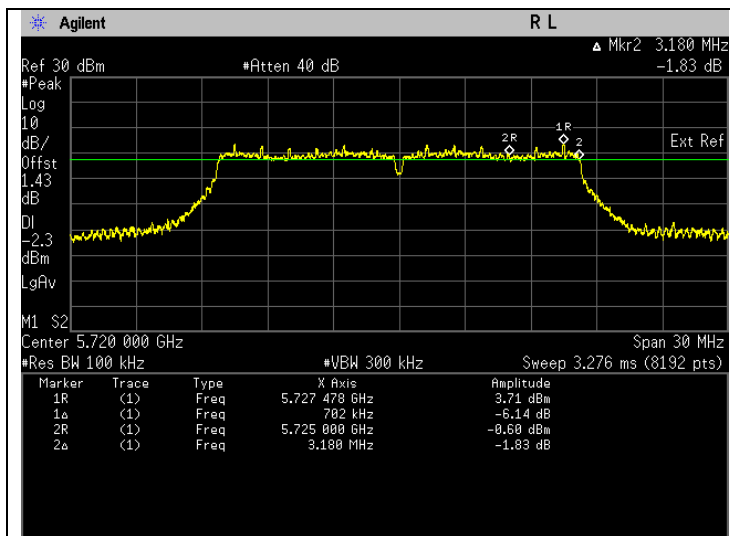
Freq. (MHz)	Test Configuration	Results	
		Bandwidth(MHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.375	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.380	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.385	Pass



Straddle Frequency for 802.11a

Freq. (MHz)	Test Conditions	Results	
		Power/Freq. (dBm/MHz)	Status
		U-NII- 3	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.180	Pass

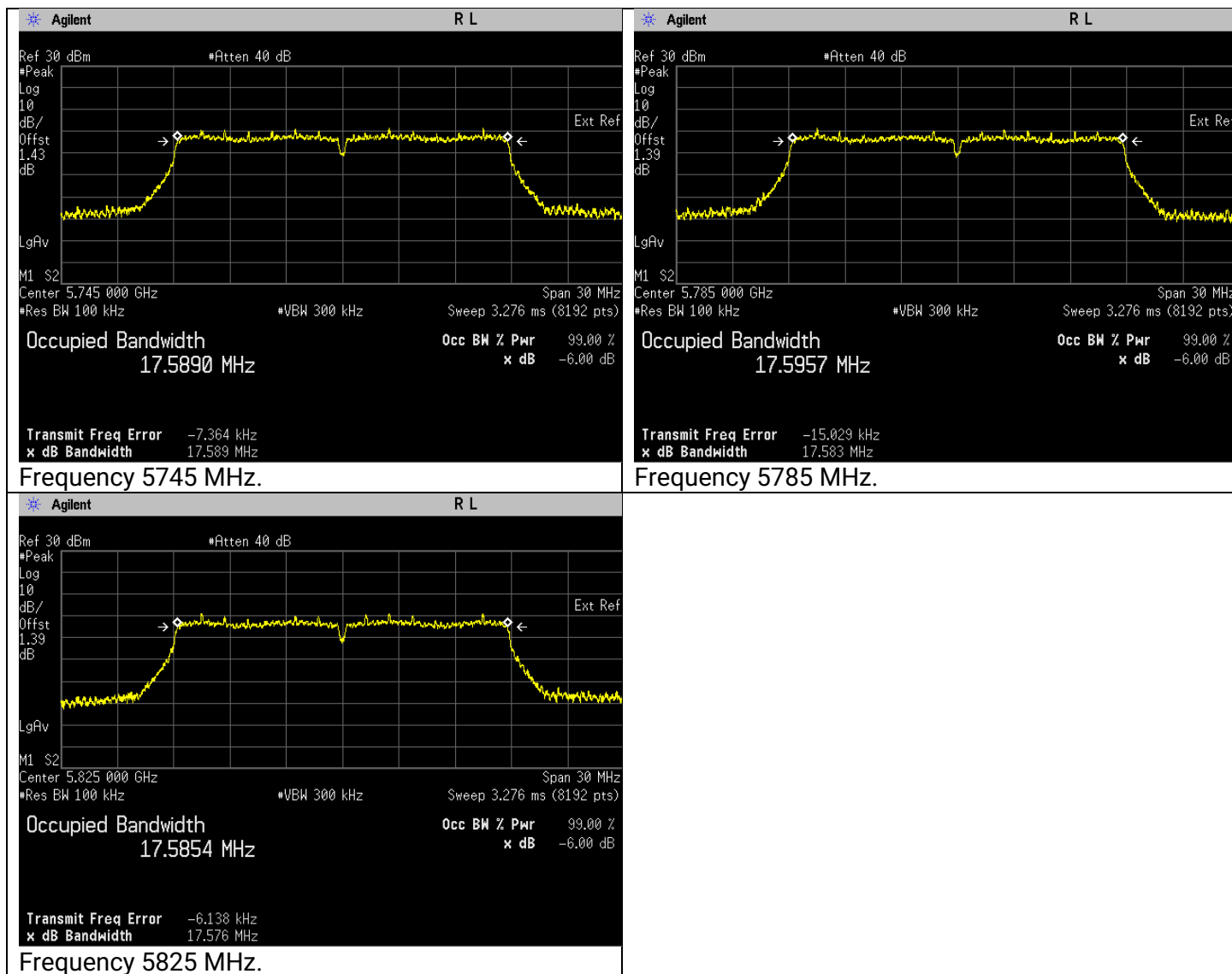
Plots for 802.11a Straddle Frequency



Frequency 5720 MHz.

802.11n (HT20)

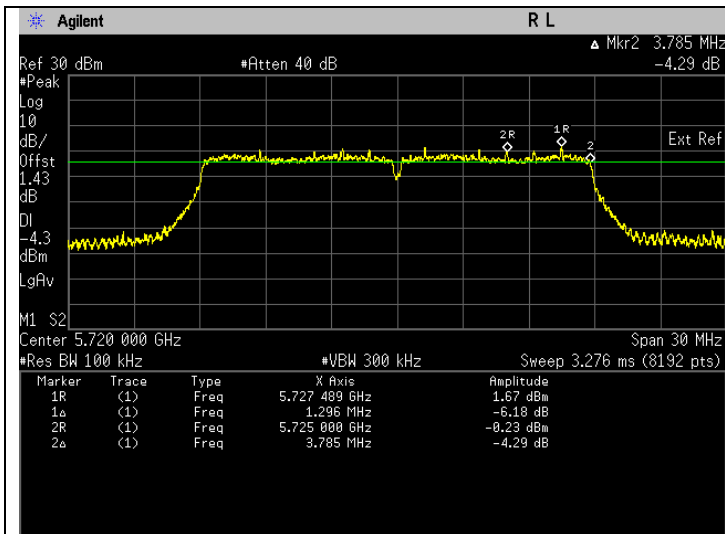
Freq. (MHz)	Test Configuration	Results	
		Bandwidth(MHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.589	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.583	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.576	Pass



Straddle Frequency for 802.11n (HT20)

Freq. (MHz)	Test Conditions	Results	
		Power/Freq. (dBm/MHz)	Status
		U-NII- 3	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.785	Pass

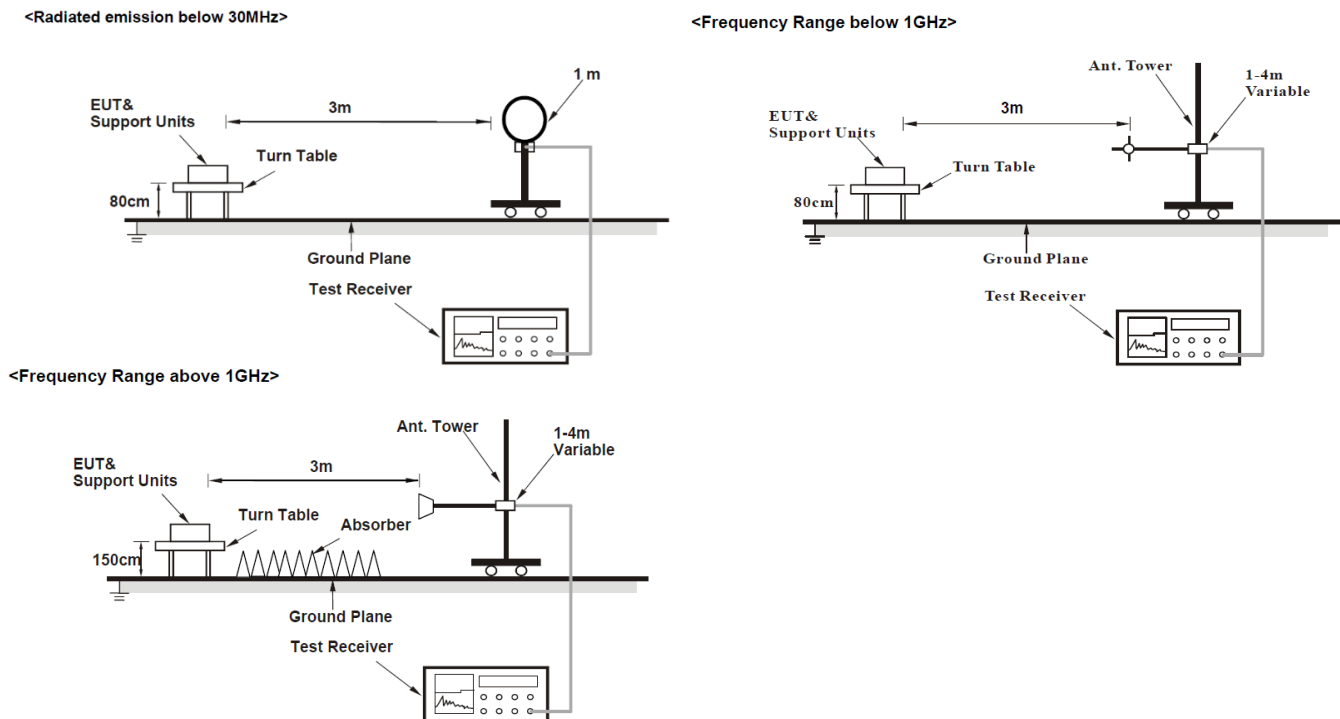
Plots for 802.11n (HT20) Straddle Frequency



Frequency 5720 MHz.

7.5. Band Edge Radiated Spurious Emission Measurement

7.5.1. Test Setup



1. The EUT is placed on the top of a rotating table 0.8m/1.5m above the ground at a 3m semi-anechoic chamber. The table is rotated 360 degrees to determine the position of the highest radiation.
2. The EUT is set 3m away from the interference-receiving antenna, which is mounted on the top of a variable-height antenna tower.
3. The antenna is Bilog/Horn antenna depend on which frequency range uses, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT is arranged to its worst case and then the antenna is tuned to heights from 1m to 4m and the rotatable table is turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system is set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode is fall within the range of 10dB from the limit specified, the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. Otherwise, the testing could be stopped and the peak values of the EUT would be reported.

NOTE:

- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1 GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz for Average detection using reduced video bandwidth (Duty cycle $\geq 98\%$) at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $1/\tau$ Hz, where τ is minimum transmitter on time (Duty cycle $< 98\%$) for Average detection using reduced video bandwidth at frequency above 1GHz.
- All modes of operation were investigated and the worst-case emissions are reported.

7.5.2. Test Limits

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

NOTE:

- The lower limit shall apply at the transition frequencies.
- Emission level (dBuV/m) = 20 log Emission level (uV/m).
- For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

For Radiated emissions which fall out of the restricted bands must comply with the radiated emission limits specified as below table.

Applicable To		Limit	
789033 D02 General UNII Test Procedures New Rules v01r03		Field Strength at 3 m	
		PK: 74 (dBμV/m)	AV: 54 (dBμV/m)
Frequency Band	Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
5150~5250 MHz	15.407(b)(1)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)
5250~5350 MHz	15.407(b)(2)		
5470~5725 MHz	15.407(b)(3)		
5725~5850 MHz	15.407(b)(4)(i)	PK:-27 (dBm/MHz) ^{*1} PK:10 (dBm/MHz) ^{*2} PK:15.6 (dBm/MHz) ^{*3} PK:27 (dBm/MHz) ^{*4}	PK: 68.2 (dBμV/m) ^{*1} PK:105.2 (dBμV/m) ^{*2} PK: 110.8 (dBμV/m) ^{*3} PK:122.2 (dBμV/m) ^{*4}
	15.407(b)(4)(ii)	Emission limits in section 15.247(d)	
^{*1} beyond 75 MHz or more above of the band edge.			
^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.			
^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.			
^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.			

NOTE:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = (1000000\sqrt{30P}) / 3 \text{ } \mu\text{V/m, where P is the eirp (Watts)}$$

7.5.3. Test Result

802.11a

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5180.0000	Softpot Power :	15.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Average	5119.8050	42.03	54.00	11.97
Vertical	Average	5120.5540	42.02	54.00	11.98
Horizontal	Average	5141.8330	42.03	54.00	11.97
Horizontal	Average	5142.5830	42.02	54.00	11.98
Vertical	Average	5149.7750	45.87	54.00	8.13
Vertical	Peak	5149.7750	64.23	74.00	9.77
Horizontal	Average	5149.9250	42.79	54.00	11.21
Vertical	Average	5150.0000	45.74	54.00	8.26
Horizontal	Average	5150.0000	42.91	54.00	11.09
Vertical	Peak	5150.0000	59.84	74.00	14.16
Horizontal	Peak	5150.0000	57.13	74.00	16.87

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

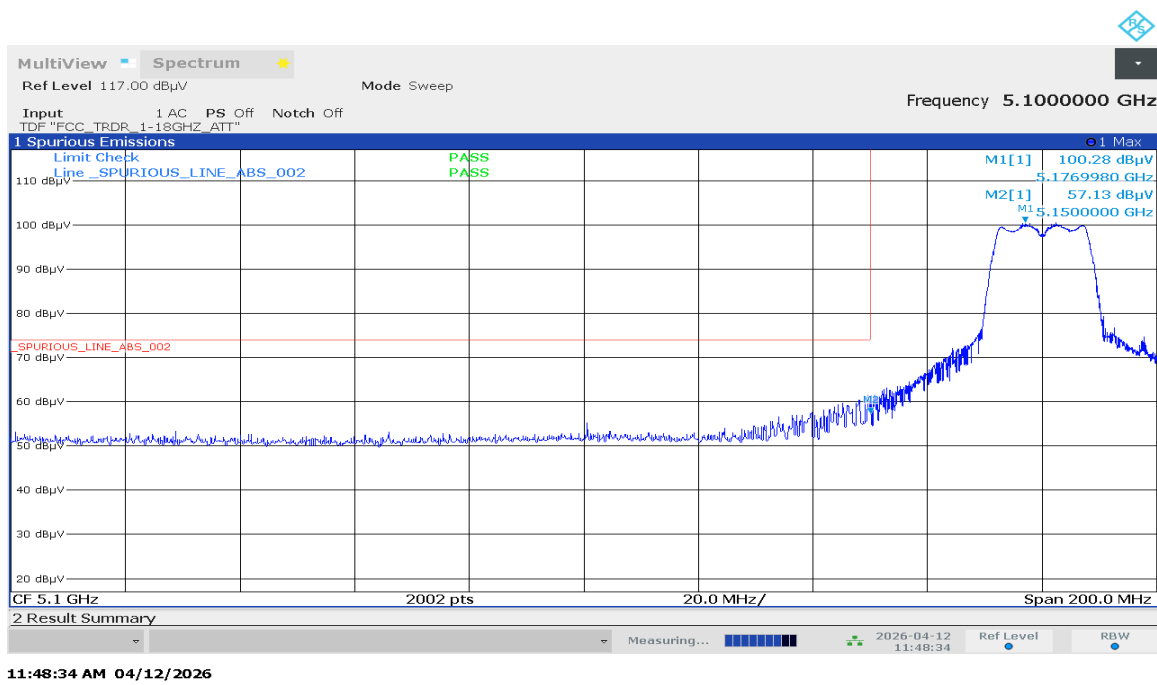
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

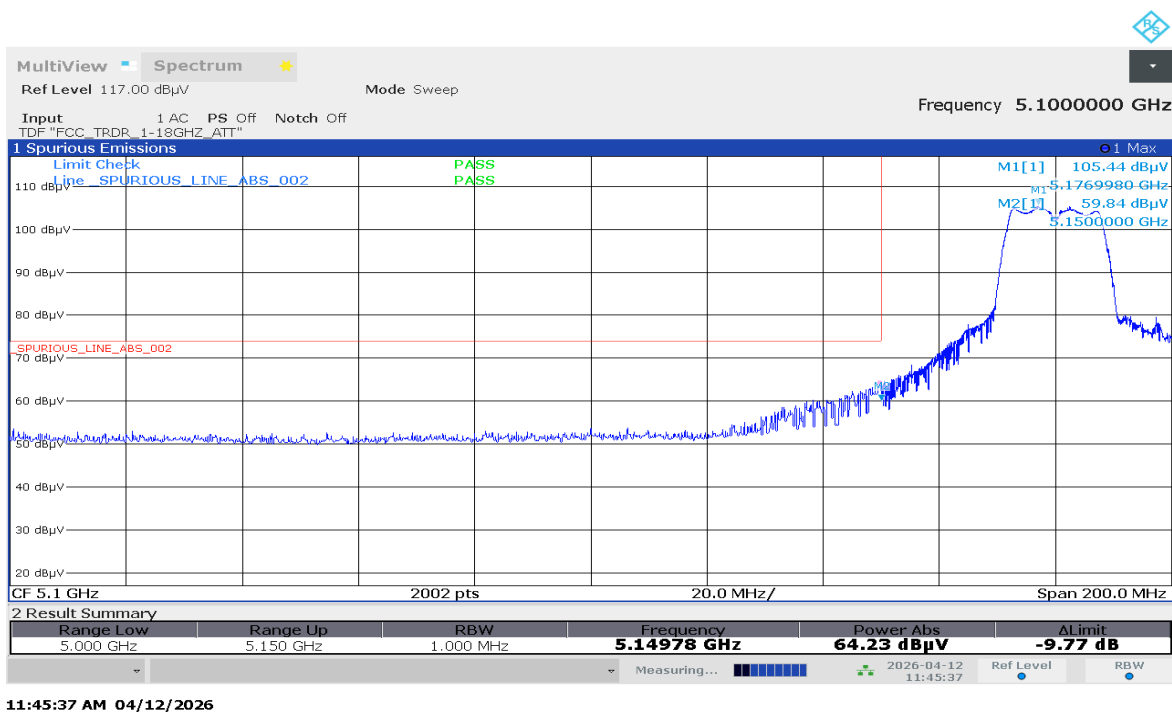
1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

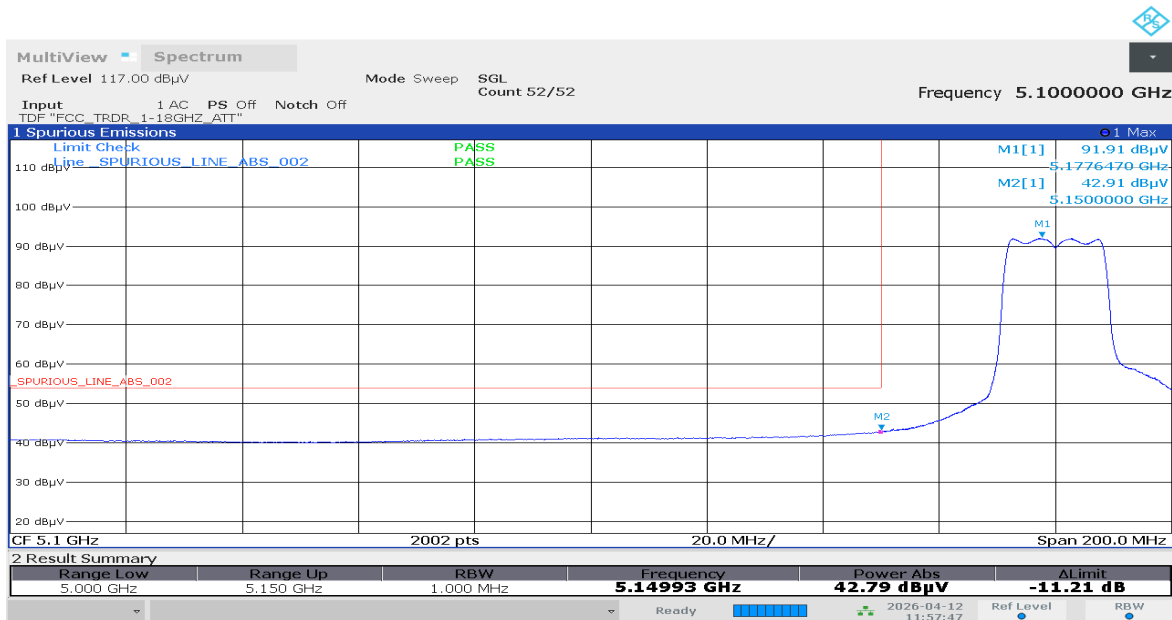
Restricted Band Edge (Peak,Horizontal)



Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



11:57:48 AM 04/12/2026

Restricted Band Edge (Average,Vertical)



11:54:25 AM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5320.0000	Softpot Power :	14.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Vertical	Average	5350.0000	45.90	54.00	8.10
Horizontal	Average	5350.0000	45.03	54.00	8.97
Vertical	Peak	5350.0000	68.13	74.00	5.87
Horizontal	Peak	5350.0000	58.79	74.00	15.21
Vertical	Average	5350.0250	45.90	54.00	8.10
Vertical	Peak	5350.0250	68.13	74.00	5.87
Vertical	Peak	5350.1250	67.44	74.00	6.56
Horizontal	Peak	5350.1250	64.06	74.00	9.94
Horizontal	Average	5350.2750	45.03	54.00	8.97
Vertical	Peak	5350.4750	67.21	74.00	6.79
Vertical	Peak	5350.6740	67.11	74.00	6.89
Vertical	Peak	5351.1740	67.33	74.00	6.67
Vertical	Peak	5351.4240	66.60	74.00	7.40
Vertical	Peak	5351.5730	66.71	74.00	7.29
Vertical	Peak	5352.3230	66.63	74.00	7.37
Vertical	Peak	5353.0720	66.62	74.00	7.38
Vertical	Peak	5354.3710	64.61	74.00	9.39
Horizontal	Average	5364.7100	42.07	54.00	11.93
Horizontal	Average	5364.8600	42.07	54.00	11.93
Horizontal	Average	5365.7590	42.17	54.00	11.83
Horizontal	Average	5366.6080	42.19	54.00	11.81
Horizontal	Average	5367.4580	42.04	54.00	11.96
Horizontal	Average	5368.0070	42.05	54.00	11.95
Horizontal	Average	5370.0050	42.08	54.00	11.92
Horizontal	Average	5371.9030	42.04	54.00	11.96
Horizontal	Average	5391.5830	42.10	54.00	11.90

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

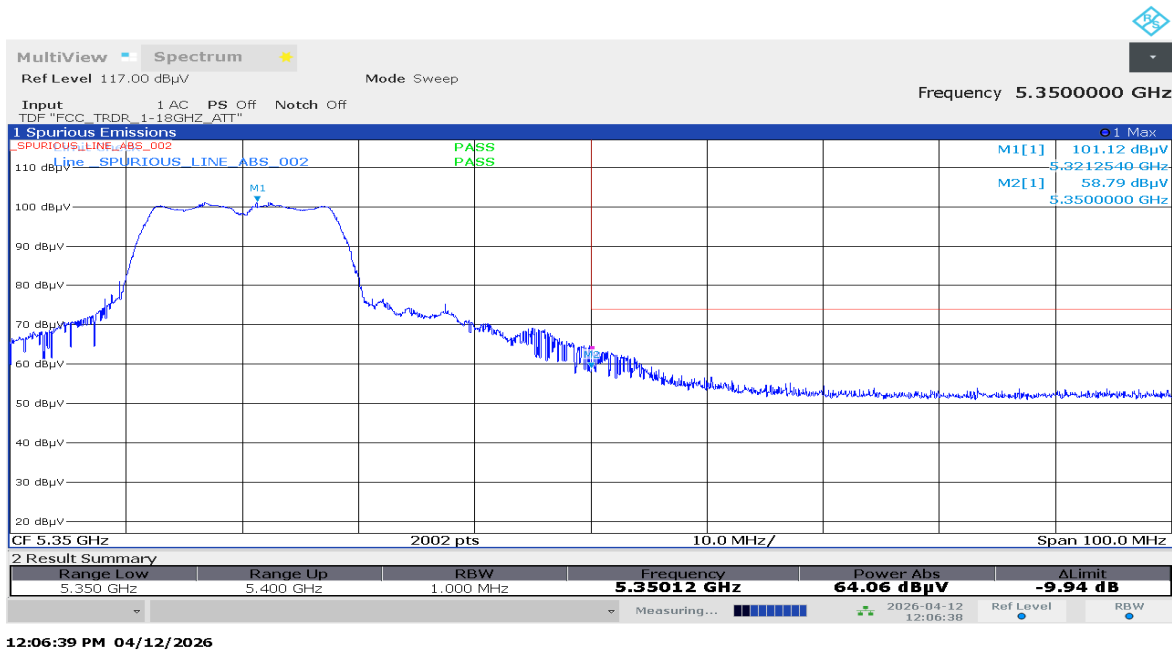
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



12:13:57 PM 04/12/2026

Restricted Band Edge (Average,Vertical)



12:10:39 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5500.0000	Softpot Power :	14.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Peak	5463.9250	58.77	68.20	9.43
Vertical	Average	5465.7750	42.09	54.00	11.91
Vertical	Average	5466.0750	42.01	54.00	11.99
Horizontal	Peak	5466.2250	59.37	68.20	8.83
Vertical	Average	5466.3250	42.00	54.00	12.00
Horizontal	Peak	5466.4250	59.22	68.20	8.98
Vertical	Peak	5466.5750	59.47	68.20	8.73
Vertical	Average	5466.8250	42.21	54.00	11.79
Horizontal	Peak	5467.0250	58.86	68.20	9.34
Vertical	Peak	5467.1250	59.53	68.20	8.67
Vertical	Average	5467.2250	42.06	54.00	11.94
Horizontal	Peak	5467.4250	58.88	68.20	9.32
Vertical	Peak	5468.0250	59.16	68.20	9.04
Horizontal	Peak	5468.3750	60.17	68.20	8.03
Vertical	Peak	5468.5750	60.21	68.20	7.99
Horizontal	Peak	5468.6750	59.54	68.20	8.66
Vertical	Peak	5468.9250	60.78	68.20	7.42
Vertical	Peak	5469.1750	60.52	68.20	7.68
Horizontal	Peak	5469.3750	58.67	68.20	9.53
Vertical	Peak	5469.4250	60.84	68.20	7.36
Vertical	Peak	5469.5750	59.70	68.20	8.50
Vertical	Average	5469.6250	42.56	54.00	11.44
Vertical	Peak	5469.7750	60.13	68.20	8.07
Horizontal	Peak	5469.8250	58.94	68.20	9.26
Vertical	Peak	5469.9750	59.23	68.20	8.97
Horizontal	Peak	5469.9750	59.73	68.20	8.47
Vertical	Average	5470.0000	42.87	54.00	11.13
Horizontal	Average	5470.0000	41.22	54.00	12.78
Vertical	Peak	5470.0000	59.83	68.20	8.37
Horizontal	Peak	5470.0000	50.97	68.20	17.23

Report Template Document Number : FCD-0091
Report Template Revision Number : Rev. L

Report ID: 1467N00-RF-00033
FCC ID: AZ492FT7189
IC: 109U-92FT7189

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

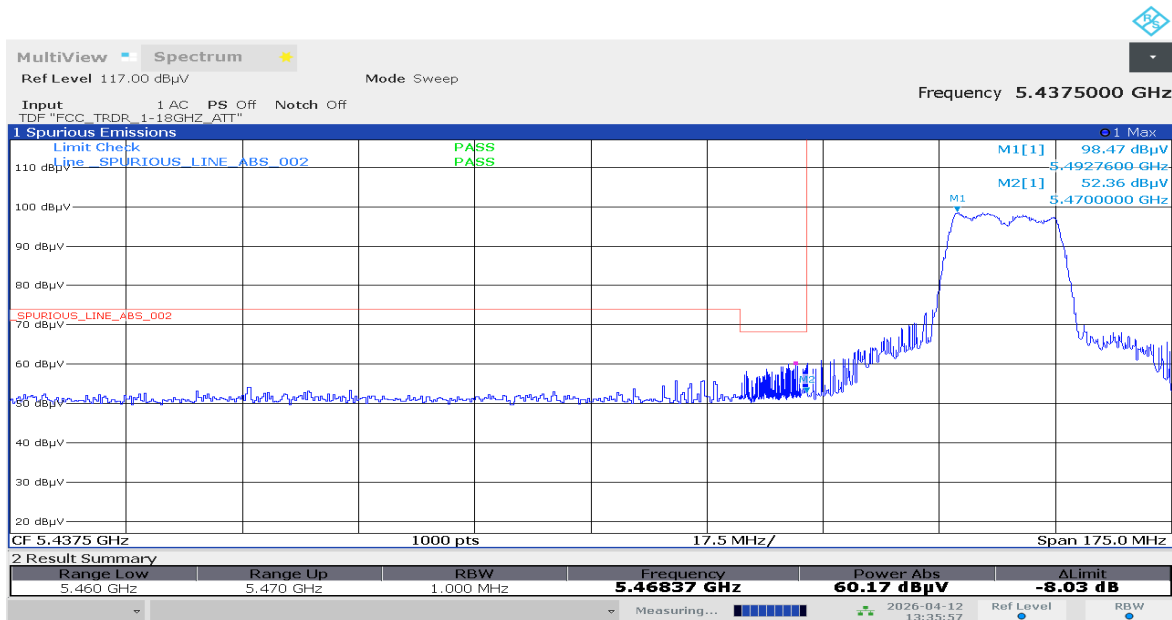
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

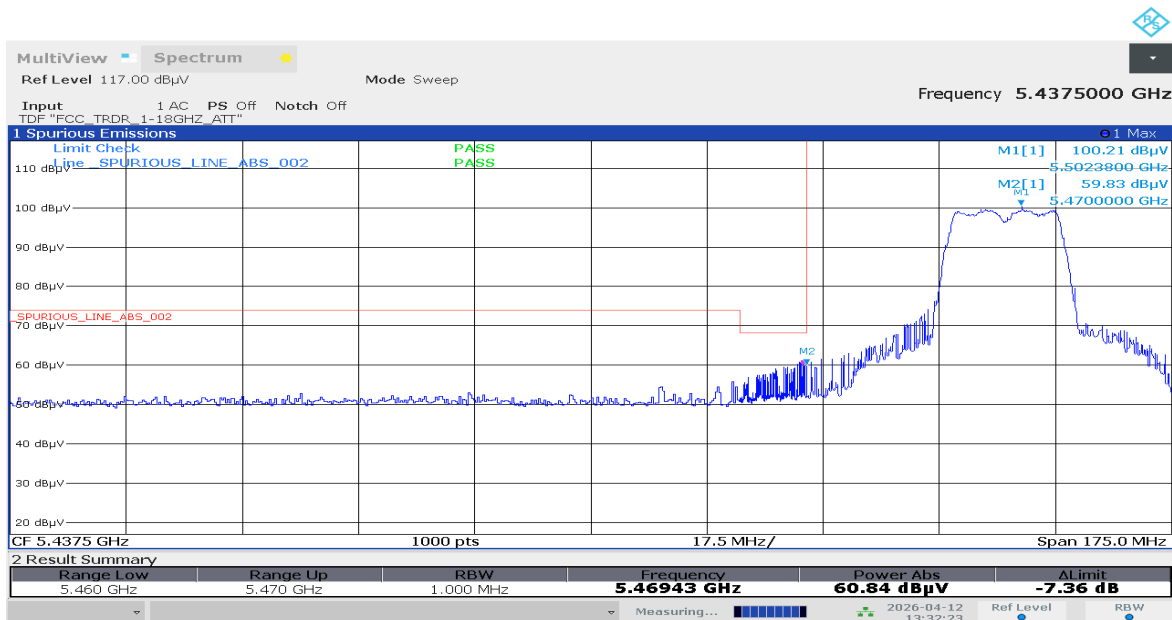
2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



01:35:58 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



01:32:24 PM 04/12/2026

Restricted Band Edge (Average,Horizontal)



12:39:32 PM 04/12/2026

Restricted Band Edge (Average,Vertical)



12:36:21 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5700.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	5725.0000	54.78	68.20	13.42
Horizontal	Peak	5725.0000	52.41	68.20	15.79
Vertical	Peak	5725.1500	58.80	68.20	9.40
Vertical	Peak	5729.8450	58.75	68.20	9.45
Vertical	Peak	5730.3450	58.83	68.20	9.37
Vertical	Peak	5731.0440	58.25	68.20	9.95

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

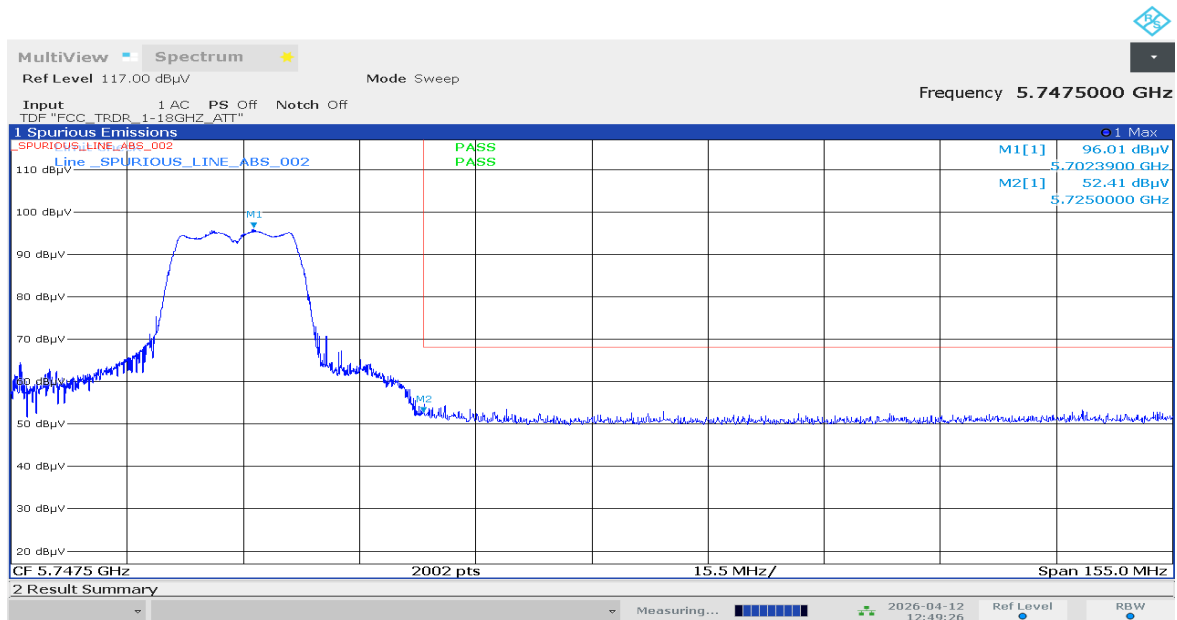
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

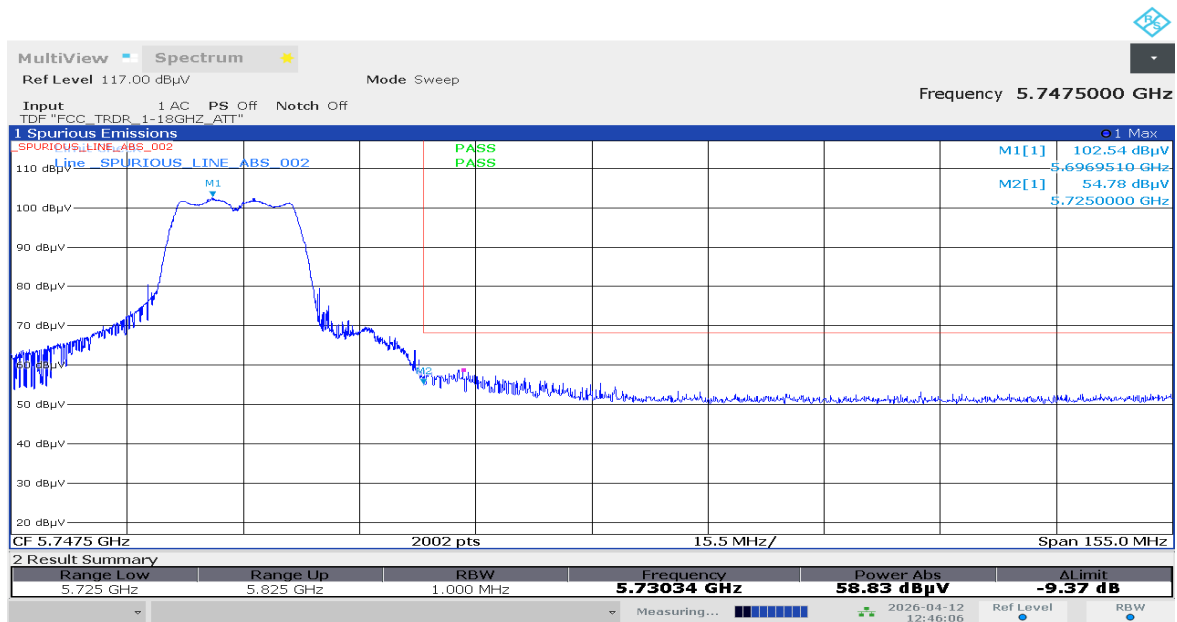
2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



12:49:27 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



12:46:06 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID : AZ492FT7189 IC : 109U-92FT7189
Model No : AAM29JNN9YA1AN Serial No : 008TCF1512
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1,
PS000280A02-CF1, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth (kHz) : 20000.0000
Test Frequency (MHz) : 5720.0000 Softpot Power : 15
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1- Voltage (V) : 120.00
2023+C63.10a-2024 + Errata
to C63.10a-2024

Antenna Polarization	Detector	Spur Freq	Spur Level	Limit	Margin (dB)
Vertical	Peak	No Spurious Emission Detected			
Horizontal	Peak	No Spurious Emission Detected			

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 12 Apr, 2026
System MU : null

Remarks:

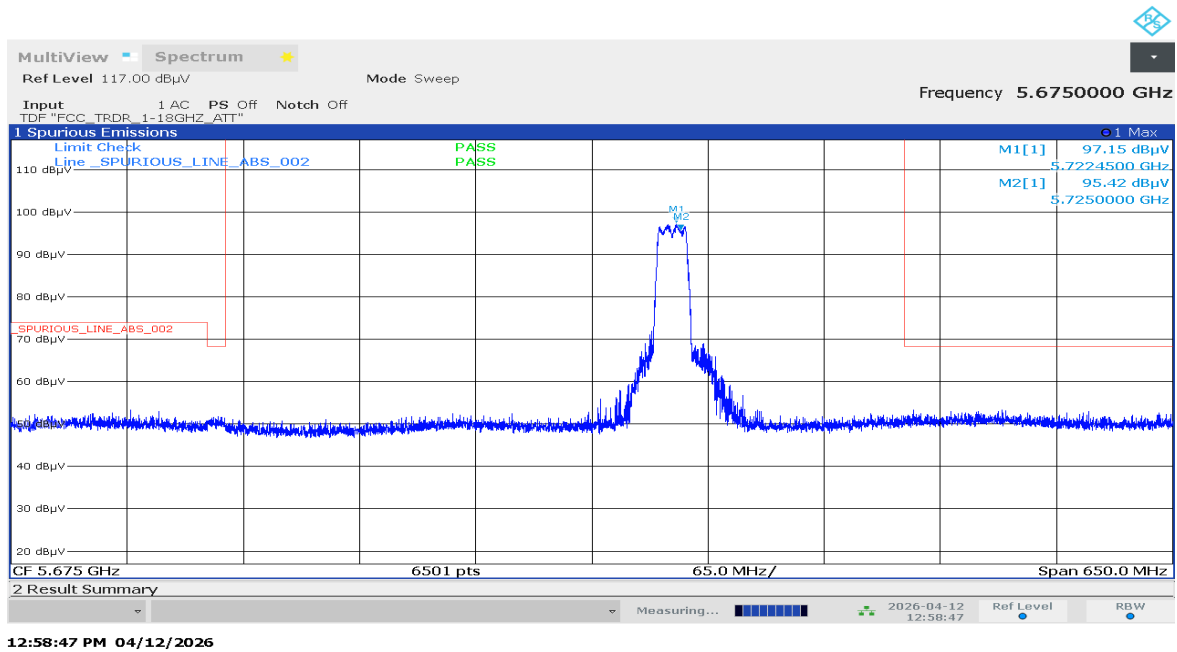
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

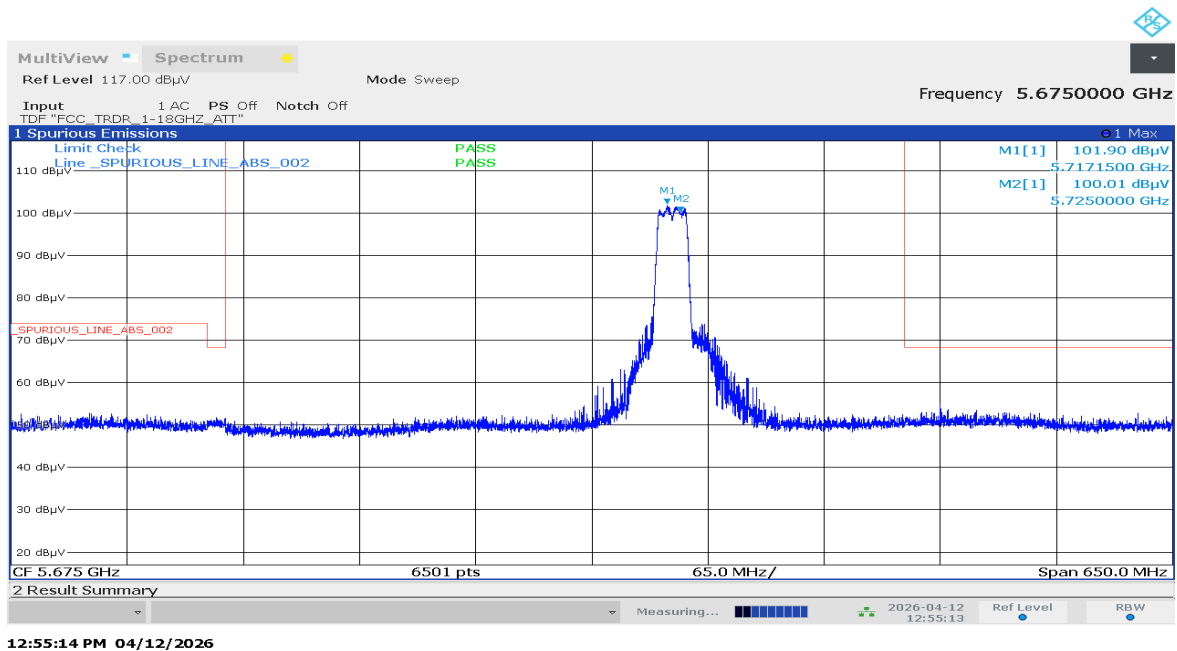
NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



Restricted Band Edge (Peak,Vertical)



SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5745.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	5725.0000	62.95 *	122.20	59.25
Horizontal	Peak	5725.0000	60.58 *	122.20	61.62

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



01:08:23 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



01:04:44 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID : AZ492FT7189 IC : 109U-92FT7189
Model No : AAM29JNN9YA1AN Serial No : 008TCF1512
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1,
PS000280A02-CF1, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth (kHz) : 20000.0000
Test Frequency (MHz) : 5825.0000 Softpot Power : 13.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1- Voltage (V) : 120.00
2023+C63.10a-2024 + Errata
to C63.10a-2024

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	5850.0000	58.71 *	122.20	63.49
Horizontal	Peak	5850.0000	61.34 *	122.20	60.86

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 12 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



01:21:03 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



01:17:18 PM 04/12/2026

802.11n (HT20)

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID : AZ492FT7189 IC : 109U-92FT7189
Model No : AAM29JNN9YA1AN Serial No : 008TCF1512
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1,
PS000280A02-CF1, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth (kHz) : 20000.0000
Test Frequency (MHz) : 5180.0000 Softpot Power : 13.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1- Voltage (V) : 120.00
2023+C63.10a-2024 + Errata
to C63.10a-2024

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Vertical	Average	5131.9430	42.03	54.00	11.97
Horizontal	Average	5147.8270	42.06	54.00	11.94
Horizontal	Average	5148.1270	42.05	54.00	11.95
Vertical	Average	5149.6250	44.27	54.00	9.73
Horizontal	Average	5149.6250	42.31	54.00	11.69
Vertical	Average	5150.0000	44.32	54.00	9.68
Horizontal	Average	5150.0000	42.34	54.00	11.66
Vertical	Peak	5150.0000	62.33	74.00	11.67
Horizontal	Peak	5150.0000	58.79	74.00	15.21

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 12 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

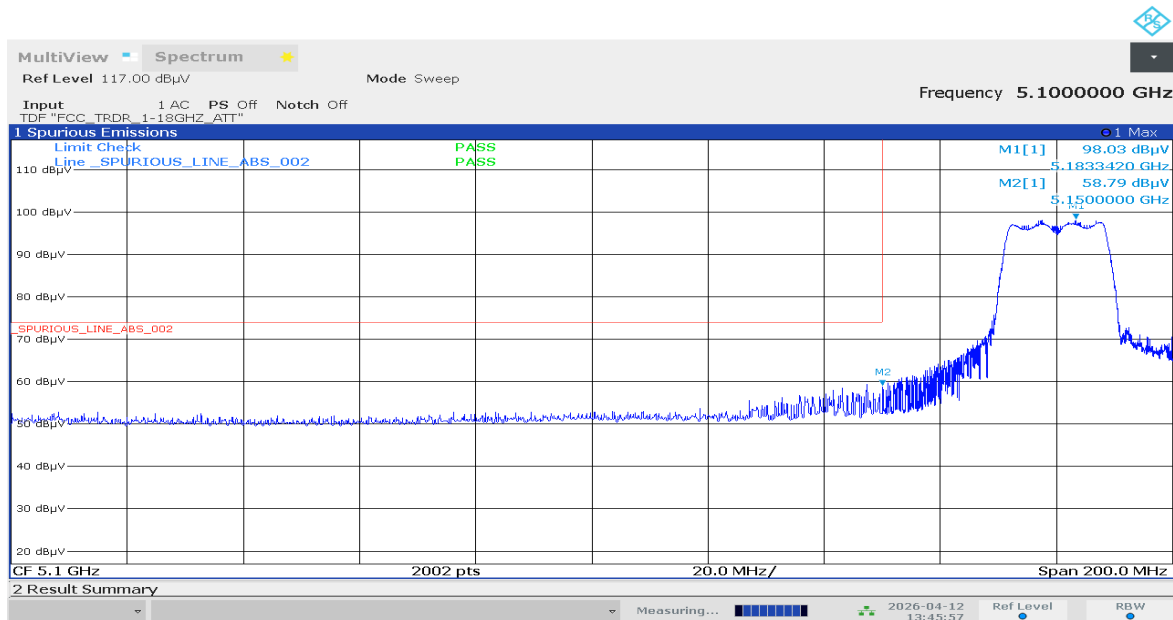
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

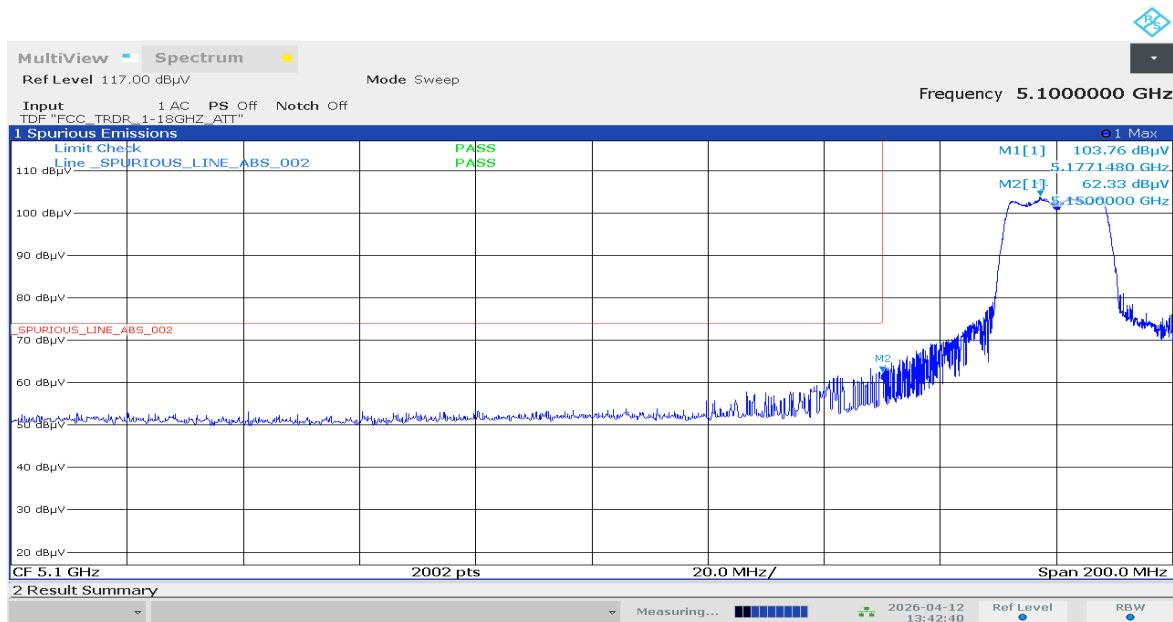
- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



01:45:58 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



01:42:40 PM 04/12/2026

Restricted Band Edge (Average,Horizontal)



01:54:31 PM 04/12/2026

Restricted Band Edge (Average,Vertical)



01:50:55 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5320.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Average	5350.0000	48.40	54.00	5.60
Horizontal	Average	5350.0000	44.44	54.00	9.56
Vertical	Peak	5350.0000	64.67	74.00	9.33
Horizontal	Peak	5350.0000	54.96	74.00	19.04
Vertical	Average	5350.0250	48.40	54.00	5.60
Vertical	Peak	5350.0250	64.67	74.00	9.33
Horizontal	Average	5350.1250	44.44	54.00	9.56
Vertical	Peak	5350.4250	64.83	74.00	9.17
Horizontal	Average	5362.8120	42.04	54.00	11.96
Horizontal	Average	5363.4610	42.05	54.00	11.95

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

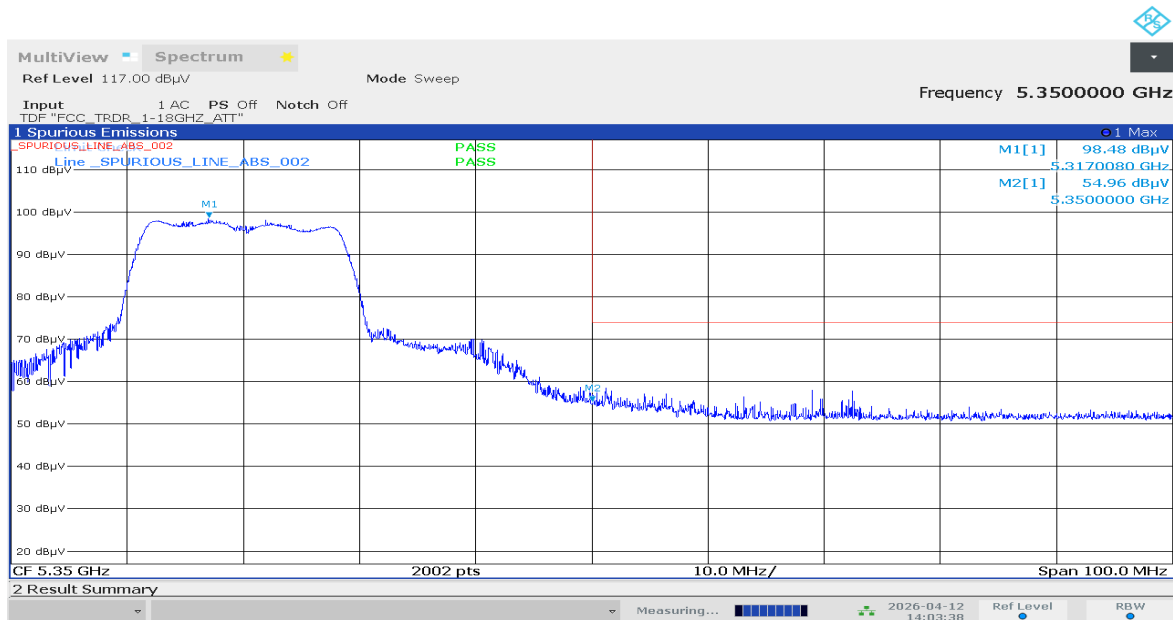
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

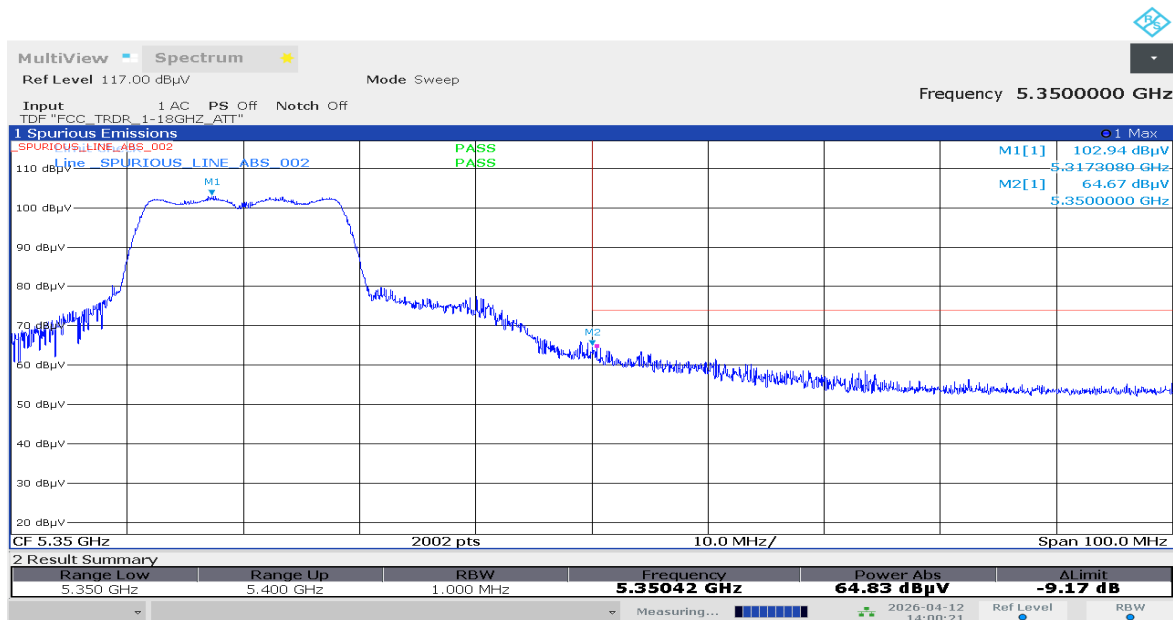
2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



02:03:39 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



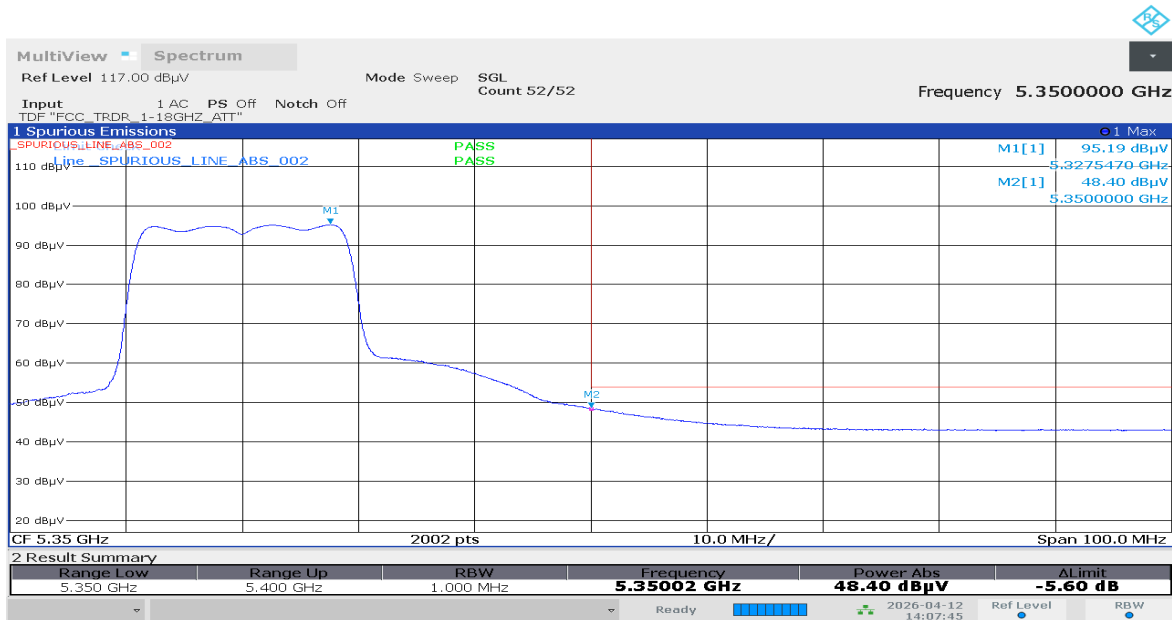
02:00:22 PM 04/12/2026

Restricted Band Edge (Average,Horizontal)



02:11:12 PM 04/12/2026

Restricted Band Edge (Average,Vertical)



02:07:46 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5500.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	5466.8750	58.58	68.20	9.62
Vertical	Peak	5467.2250	59.04	68.20	9.16
Vertical	Peak	5467.5750	58.57	68.20	9.63
Vertical	Peak	5468.0750	59.35	68.20	8.85
Vertical	Average	5468.3250	42.03	54.00	11.97
Vertical	Peak	5468.4750	58.67	68.20	9.53
Vertical	Peak	5468.5750	58.76	68.20	9.44
Vertical	Average	5468.9250	42.01	54.00	11.99
Vertical	Peak	5468.9250	60.26	68.20	7.94
Vertical	Average	5469.2250	42.00	54.00	12.00
Vertical	Peak	5469.4250	58.45	68.20	9.75
Vertical	Average	5469.4750	42.07	54.00	11.93
Vertical	Peak	5469.6250	59.27	68.20	8.93
Vertical	Average	5469.7750	42.06	54.00	11.94
Vertical	Peak	5469.9750	59.66	68.20	8.54
Vertical	Average	5470.0000	42.30	54.00	11.70
Horizontal	Average	5470.0000	40.88	54.00	13.12
Vertical	Peak	5470.0000	58.83	68.20	9.37
Horizontal	Peak	5470.0000	49.65	68.20	18.55

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

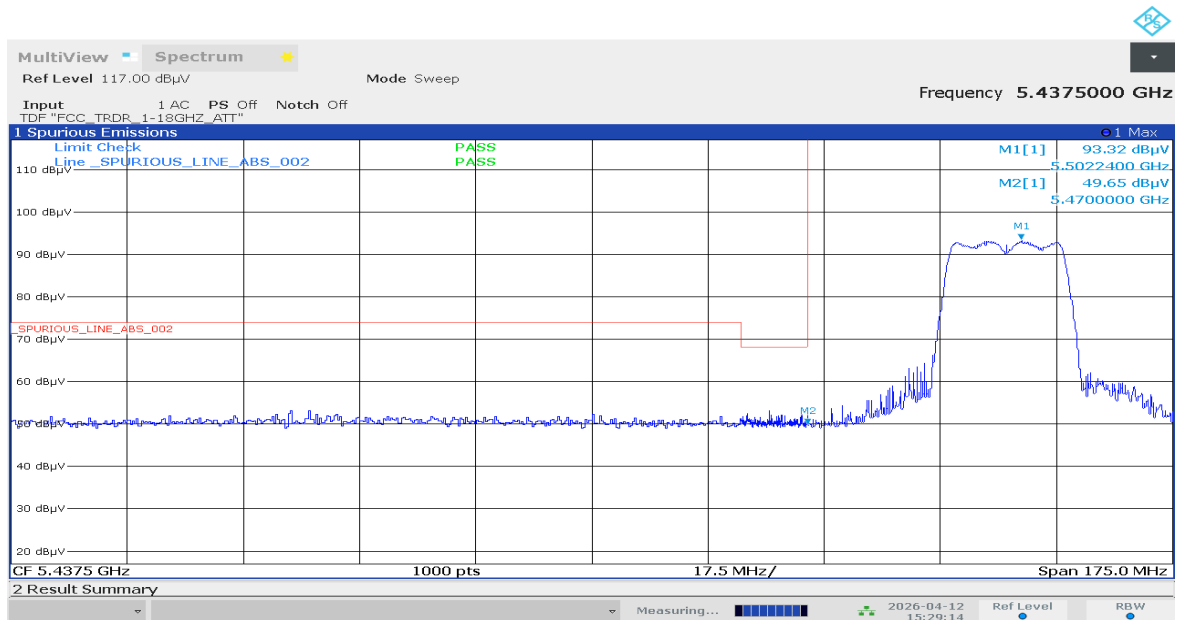
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

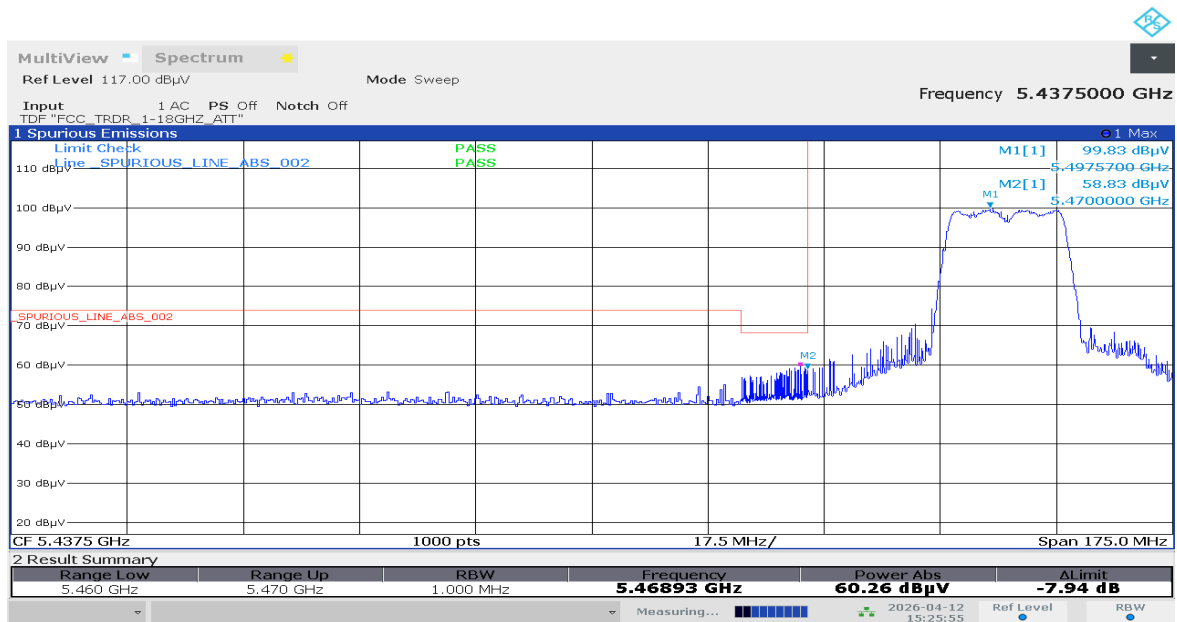
- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



03:29:15 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



03:25:56 PM 04/12/2026

Restricted Band Edge (Average,Horizontal)



02:28:43 PM 04/12/2026

Restricted Band Edge (Average,Vertical)



02:24:58 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5700.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	5725.0000	60.21	68.20	7.99
Horizontal	Peak	5725.0000	55.20	68.20	13.00
Vertical	Peak	5725.3500	60.64	68.20	7.56
Vertical	Peak	5725.8490	58.96	68.20	9.24
Vertical	Peak	5726.1490	58.66	68.20	9.54
Vertical	Peak	5726.3490	59.40	68.20	8.80

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

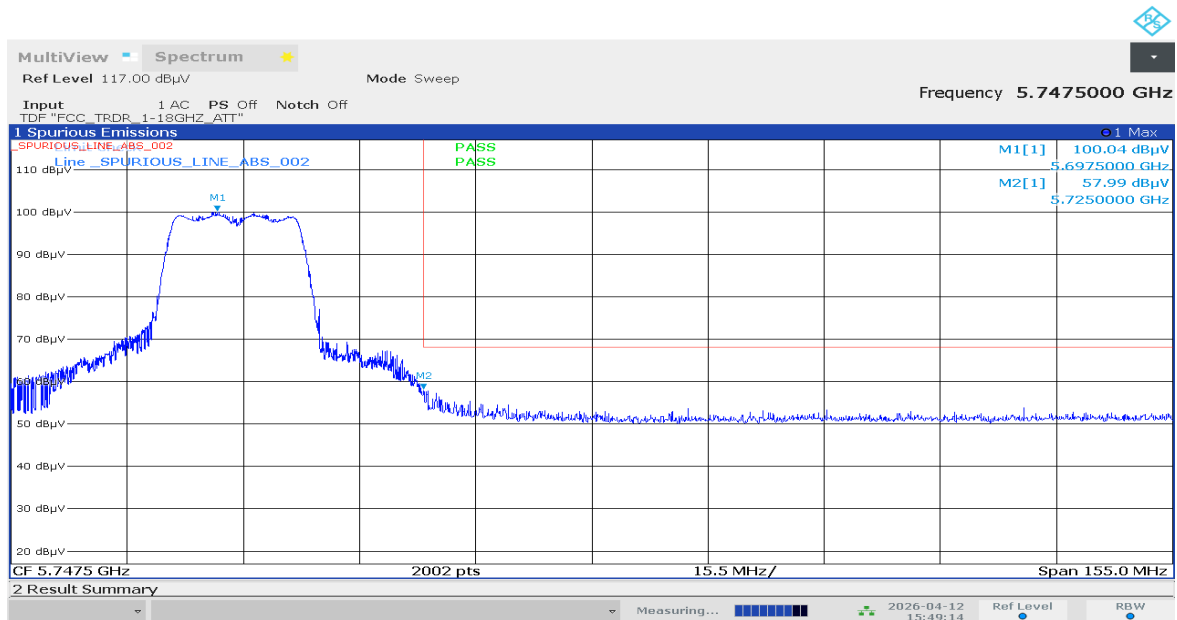
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

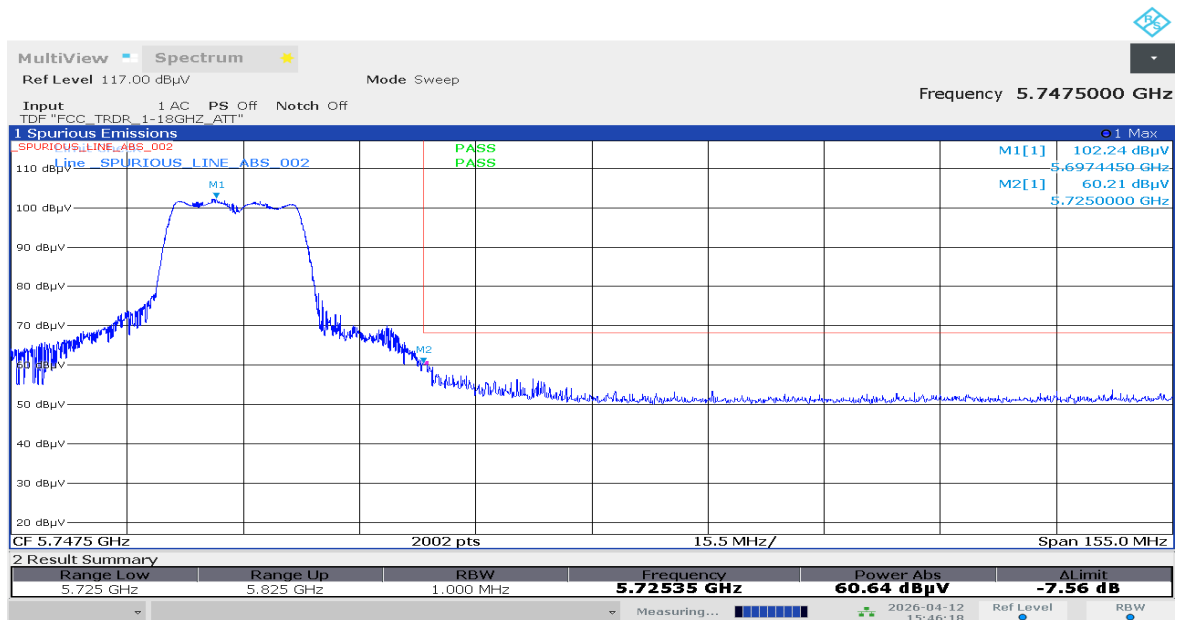
2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



03:49:15 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



03:46:19 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5720.0000	Softpot Power :	13
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq	Spur Level	Limit	Margin (dB)
Vertical	Peak	No Spurious Emission Detected			
Horizontal	Peak	No Spurious Emission Detected			

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	null		

Remarks:

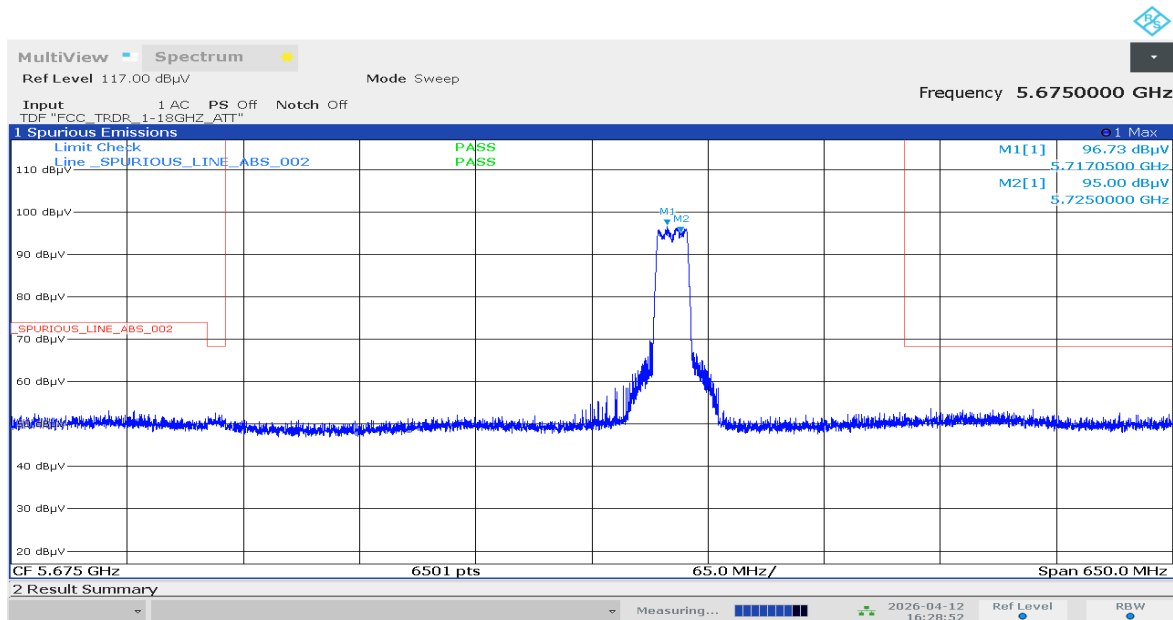
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

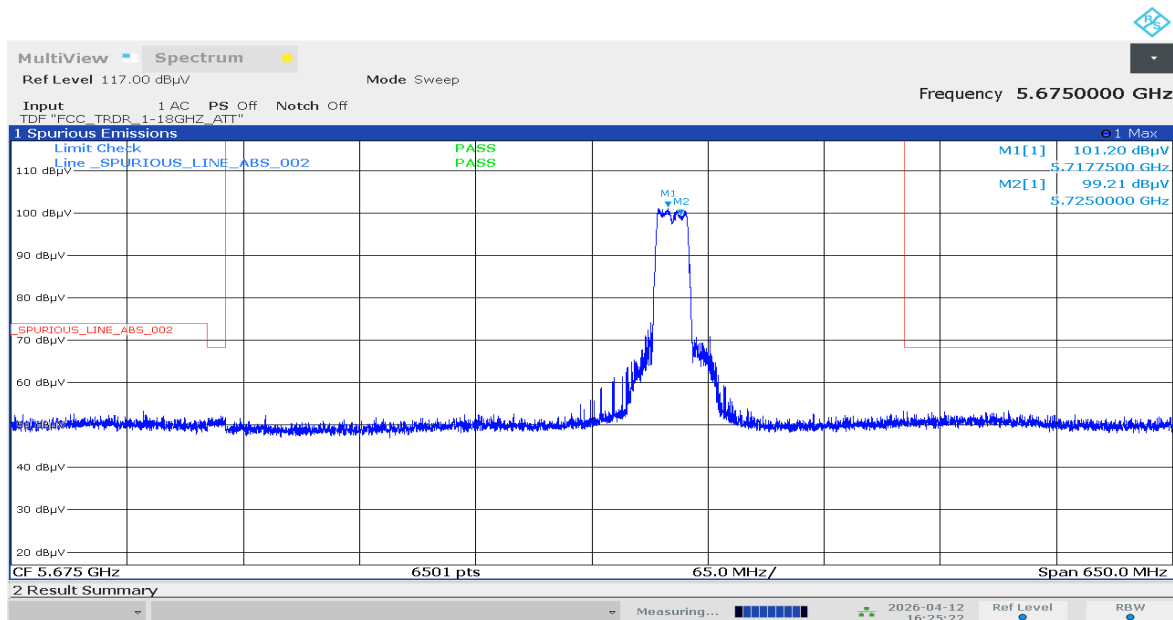
- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



04:28:53 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



04:25:23 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID : AZ492FT7189 IC : 109U-92FT7189
Model No : AAM29JNN9YA1AN Serial No : 008TCF1512
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1,
PS000280A02-CF1, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth (kHz) : 20000.0000
Test Frequency (MHz) : 5745.0000 Softpot Power : 12.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1- Voltage (V) : 120.00
2023+C63.10a-2024 + Errata
to C63.10a-2024

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Vertical	Peak	5725.0000	66.04 *	122.20	56.16
Horizontal	Peak	5725.0000	69.72 *	122.20	52.48

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 12 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



04:43:07 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)



04:39:58 PM 04/12/2026

SAC TX Restricted Band-edge : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5825.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	5850.0000	58.89 *	122.20	63.31
Horizontal	Peak	5850.0000	57.75 *	122.20	64.45

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sun, 12 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



05:14:47 PM 04/12/2026

Restricted Band Edge (Peak,Vertical)

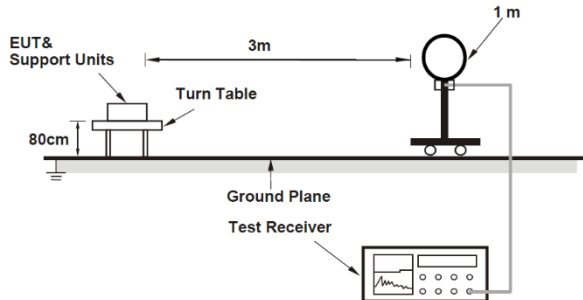


05:11:24 PM 04/12/2026

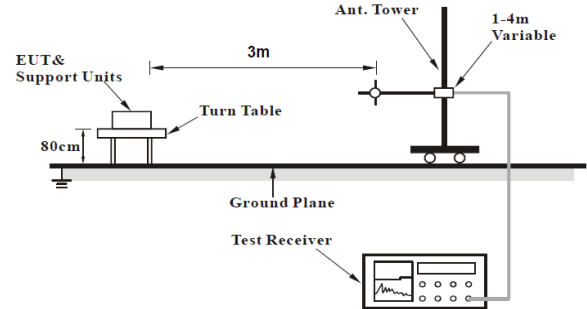
7.6. Radiated Spurious Emission Measurement

7.6.1. Test Setup

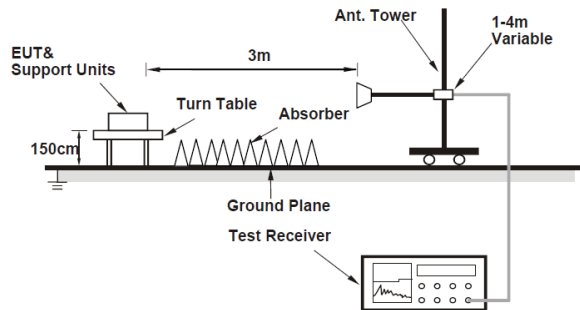
<Radiated emission below 30MHz>



<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



1. The EUT is placed on the top of a rotating table 0.8m/1.5m above the ground at a 3m semi-anechoic chamber. The table is rotated 360 degrees to determine the position of the highest radiation.
2. The EUT is set 3m away from the interference-receiving antenna, which is mounted on the top of a variable-height antenna tower.
3. The antenna is Bilog/Horn antenna depend on which frequency range uses, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT is arranged to its worst case and then the antenna is tuned to heights from 1m to 4m and the rotatable table is turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system is set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode is fall within the range of 10dB from the limit specified, the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. Otherwise, the testing could be stopped and the peak values of the EUT would be reported.

NOTE:

- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1 GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz for Average detection using reduced video bandwidth (Duty cycle $\geq 98\%$) at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $1/\tau$ Hz, where τ is minimum transmitter on time (Duty cycle $< 98\%$) for Average detection using reduced video bandwidth at frequency above 1GHz.
- All modes of operation were investigated and the worst-case emissions are reported.

7.6.2. Test Limits

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

NOTE:

- The lower limit shall apply at the transition frequencies.
- Emission level (dBuV/m) = 20 log Emission level (uV/m).
- For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

For Radiated emissions which fall out of the restricted bands must comply with the radiated emission limits specified as below table.

Applicable To		Limit	
789033 D02 General UNII Test Procedures New Rules v01r03		Field Strength at 3 m	
		PK: 74 (dBuV/m)	AV: 54 (dBuV/m)
Frequency Band	Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
5150-5250 MHz	15.407(b)(1)	PK: -27 (dBm/MHz)	PK: 68.2 (dBuV/m)
5250-5350 MHz	15.407(b)(2)		
5470-5725 MHz	15.407(b)(3)		
5725-5850 MHz	15.407(b)(4)(i)	PK:-27 (dBm/MHz) ¹ PK:10 (dBm/MHz) ² PK:15.6 (dBm/MHz) ³ PK:27 (dBm/MHz) ⁴	PK: 68.2 (dBuV/m) ¹ PK:105.2 (dBuV/m) ² PK: 110.8 (dBuV/m) ³ PK:122.2 (dBuV/m) ⁴
	15.407(b)(4)(ii)	Emission limits in section 15.247(d)	

¹ beyond 75 MHz or more above of the band edge.
² below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.
³ below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.
⁴ from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

NOTE:

The following formula is used to convert the equipment isotropic radiated power (eirr) to field strength:

$$E = (1000000\sqrt{30P}) / 3 \text{ } \mu\text{V/m, where P is the eirr (Watts)}$$

7.6.3. Test Data

802.11a

SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5180.0000	Softpot Power :	15.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	32.6522	19.36 *	40.00	20.64
Vertical	Quasi-Peak	33.1627	19.91 *	40.00	20.09
Horizontal	Quasi-Peak	49.5433	23.59	40.00	16.41
Vertical	Quasi-Peak	49.5483	23.80	40.00	16.20
Vertical	Quasi-Peak	80.1325	31.65	40.00	8.35
Horizontal	Quasi-Peak	81.0476	31.16	40.00	8.84
Vertical	Quasi-Peak	141.7624	21.75 *	43.50	21.75
Horizontal	Quasi-Peak	141.8213	31.12	43.50	12.38
Vertical	Quasi-Peak	249.9980	26.37	46.00	19.63
Horizontal	Quasi-Peak	250.0010	33.90	46.00	12.10
Vertical	Quasi-Peak	501.5910	32.92	46.00	13.08
Horizontal	Quasi-Peak	501.6119	33.51	46.00	12.49
Vertical	Peak	1500.3130	39.78 *	74.00	34.22
Vertical	Average	1500.3130	35.50	54.00	18.50
Horizontal	Peak	1500.5050	38.45 *	74.00	35.55
Horizontal	Average	1500.5050	32.97 *	54.00	21.03

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

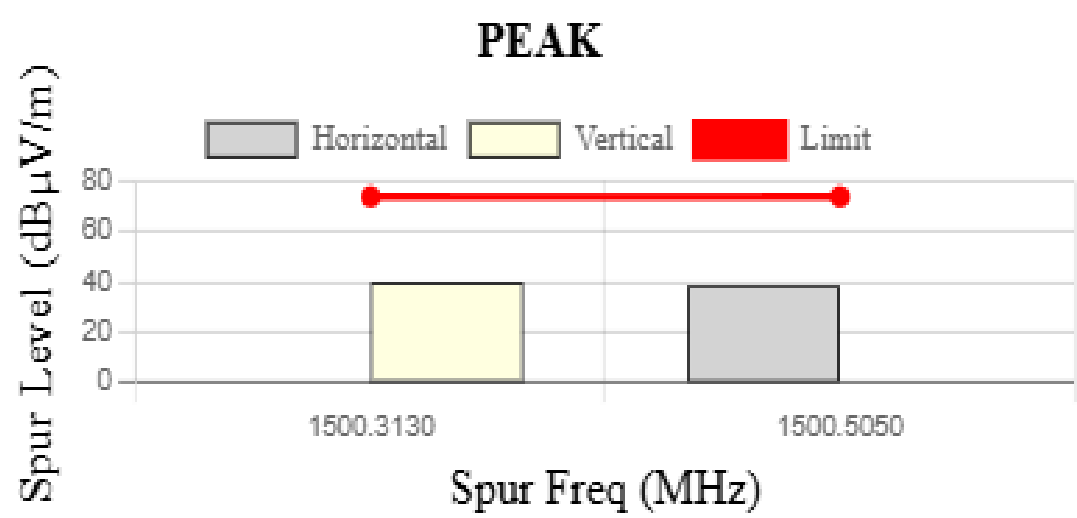
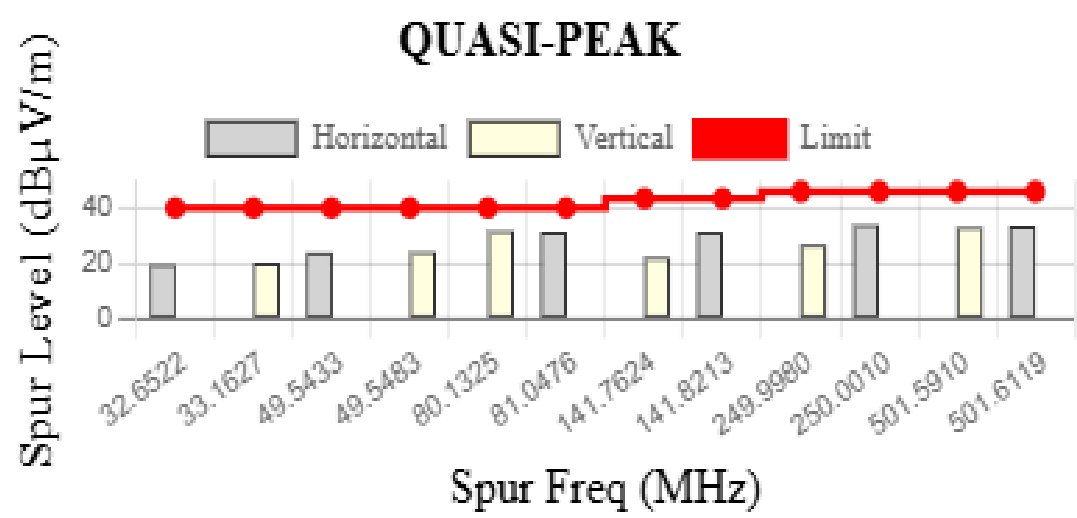
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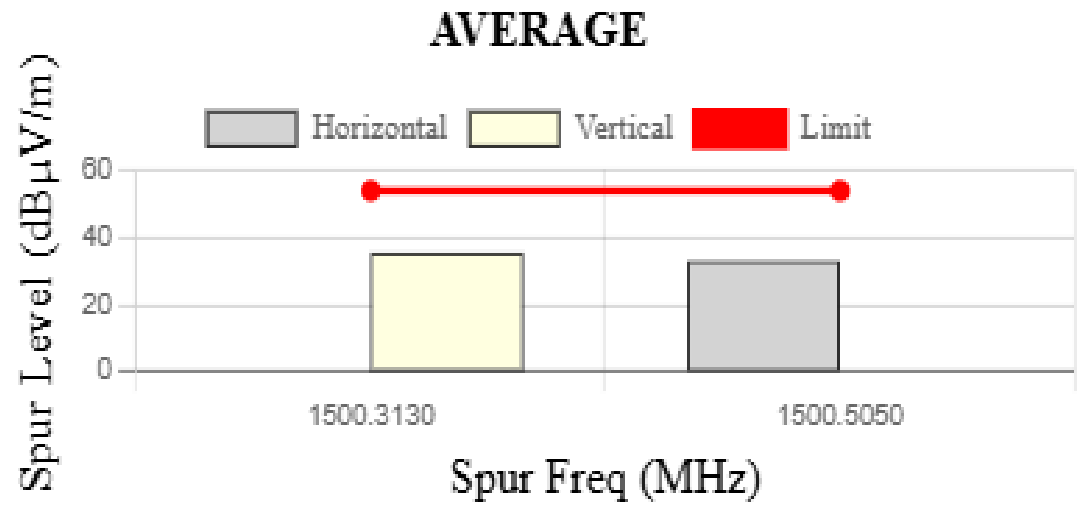
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID : AZ492FT7189 IC : 109U-92FT7189
Model No : AAM29JNN9YA1AN Serial No : 008TCF1512
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1,
PS000280A02-CF1, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth (kHz) : 20000.0000
Test Frequency (MHz) : 5220.0000 Softpot Power : 15.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1- Voltage (V) : 120.00
2023+C63.10a-2024 + Errata
to C63.10a-2024

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	38.3742	17.92 *	40.00	22.08
Vertical	Quasi-Peak	38.5640	21.29	40.00	18.71
Vertical	Quasi-Peak	49.1007	28.76	40.00	11.24
Horizontal	Quasi-Peak	49.2255	23.61	40.00	16.39
Vertical	Quasi-Peak	79.5433	31.88	40.00	8.12
Horizontal	Quasi-Peak	79.6502	32.14	40.00	7.86
Vertical	Quasi-Peak	139.9502	19.06 *	43.50	24.44
Horizontal	Quasi-Peak	140.3158	27.34	43.50	16.16
Vertical	Quasi-Peak	249.9970	27.51	46.00	18.49
Horizontal	Quasi-Peak	250.0170	33.86	46.00	12.14
Horizontal	Quasi-Peak	501.6010	33.86	46.00	12.14
Vertical	Quasi-Peak	501.6060	34.13	46.00	11.87
Vertical	Peak	1499.8740	40.43 *	74.00	33.57
Vertical	Average	1499.8740	35.89	54.00	18.11
Horizontal	Peak	1500.1970	38.97 *	74.00	35.03
Horizontal	Average	1500.1970	31.74 *	54.00	22.26

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 17 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

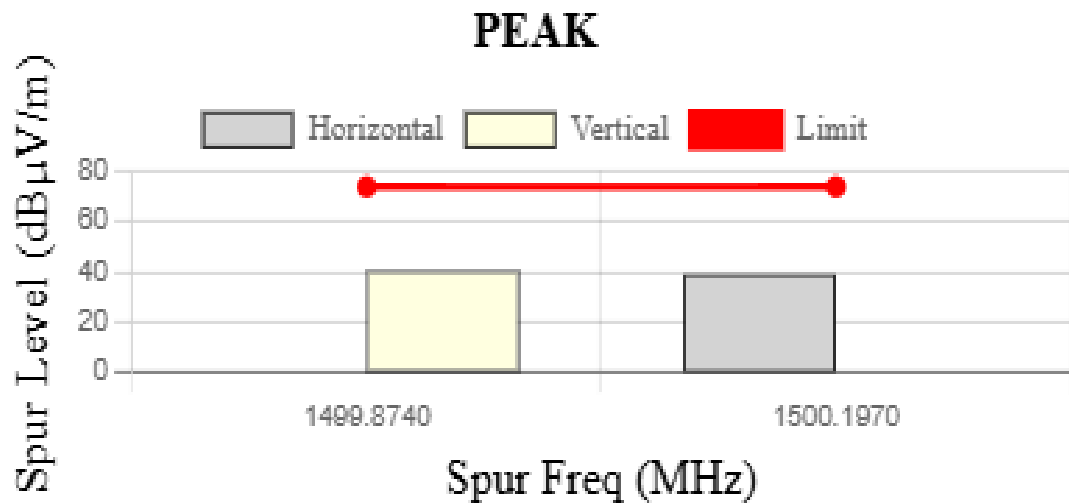
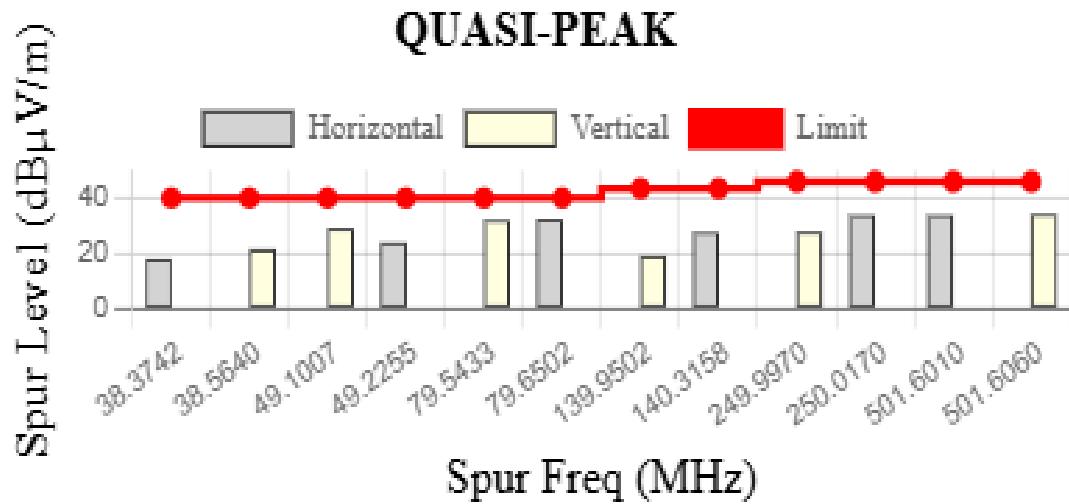
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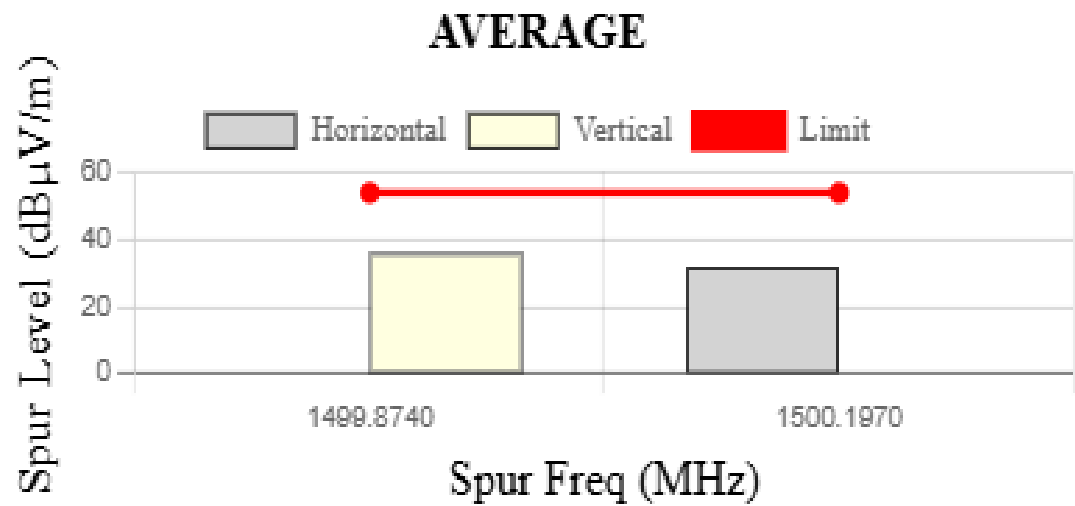
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5240.0000	Softpot Power :	15.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	38.6660	19.17 *	40.00	20.83
Vertical	Quasi-Peak	39.0606	21.42	40.00	18.58
Vertical	Quasi-Peak	49.4226	24.31	40.00	15.69
Horizontal	Quasi-Peak	49.4866	24.86	40.00	15.14
Horizontal	Quasi-Peak	79.2951	32.45	40.00	7.55
Vertical	Quasi-Peak	79.3241	32.02	40.00	7.98
Vertical	Quasi-Peak	141.1924	22.42 *	43.50	21.08
Horizontal	Quasi-Peak	141.9916	29.23	43.50	14.27
Vertical	Quasi-Peak	249.9980	27.51	46.00	18.49
Horizontal	Quasi-Peak	250.0000	33.85	46.00	12.15
Vertical	Quasi-Peak	501.5850	29.60	46.00	16.40
Horizontal	Quasi-Peak	501.6079	33.71	46.00	12.29
Vertical	Peak	1499.9940	40.31 *	74.00	33.69
Vertical	Average	1499.9940	35.15	54.00	18.85
Horizontal	Peak	1500.1990	38.81 *	74.00	35.19
Horizontal	Average	1500.1990	33.54 *	54.00	20.46
Horizontal	Peak	6139.1070	45.65 *	68.20	22.55
Vertical	Peak	6139.3750	44.12 *	68.20	24.08

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

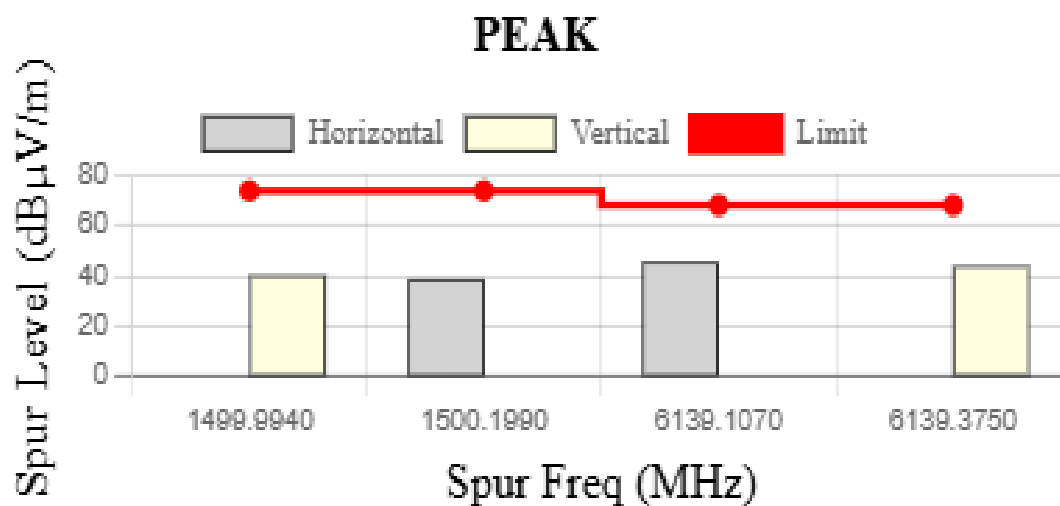
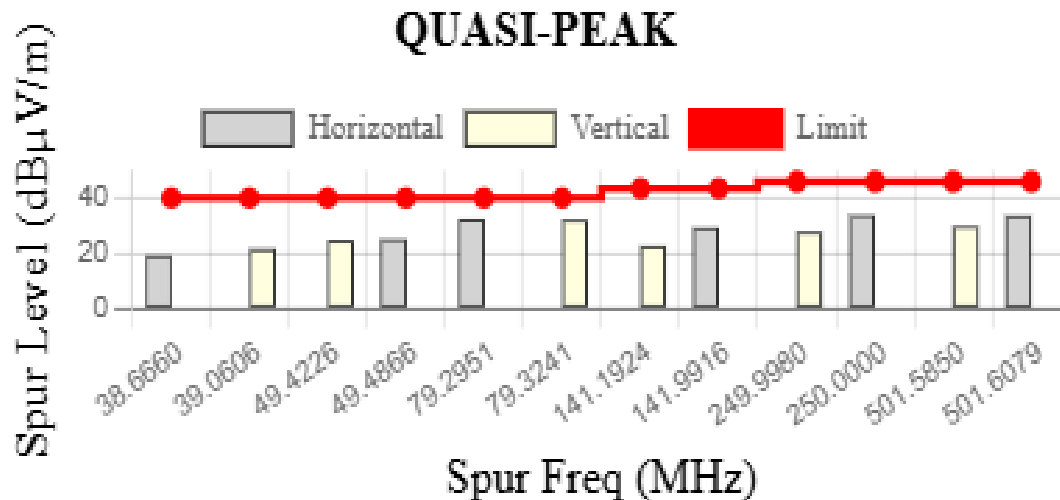
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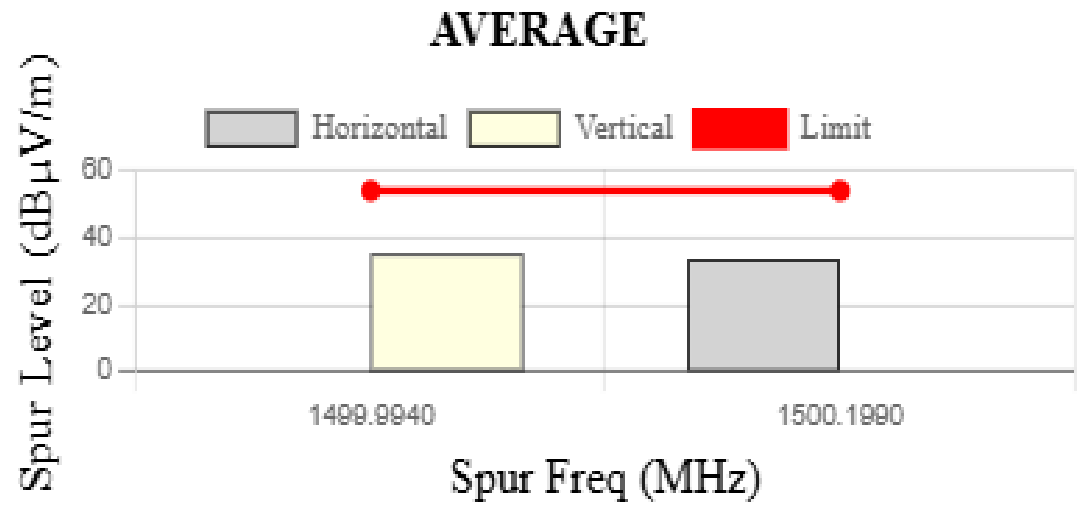
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5260.0000	Softpot Power :	15.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	49.0490	28.94	40.00	11.06
Horizontal	Quasi-Peak	49.4126	24.96	40.00	15.04
Horizontal	Quasi-Peak	74.9193	30.69	40.00	9.31
Vertical	Quasi-Peak	75.1870	24.21	40.00	15.79
Vertical	Quasi-Peak	79.3221	29.40	40.00	10.60
Horizontal	Quasi-Peak	79.7017	33.21	40.00	6.79
Horizontal	Quasi-Peak	142.0032	30.75	43.50	12.75
Vertical	Quasi-Peak	142.4997	18.90 *	43.50	24.60
Horizontal	Quasi-Peak	250.0040	33.78	46.00	12.22
Vertical	Quasi-Peak	250.0110	27.89	46.00	18.11
Vertical	Quasi-Peak	501.5900	33.81	46.00	12.19
Horizontal	Quasi-Peak	501.6060	33.82	46.00	12.18
Vertical	Peak	1499.8630	39.99 *	74.00	34.01
Vertical	Average	1499.8630	34.41	54.00	19.59
Horizontal	Peak	1500.0600	38.27 *	74.00	35.73
Horizontal	Average	1500.0600	32.47 *	54.00	21.53
Horizontal	Peak	4899.8560	52.66 *	74.00	21.34
Horizontal	Average	4899.8560	32.20 *	54.00	21.80
Vertical	Peak	4899.9560	51.45 *	74.00	22.55
Vertical	Average	4899.9560	35.21	54.00	18.79

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

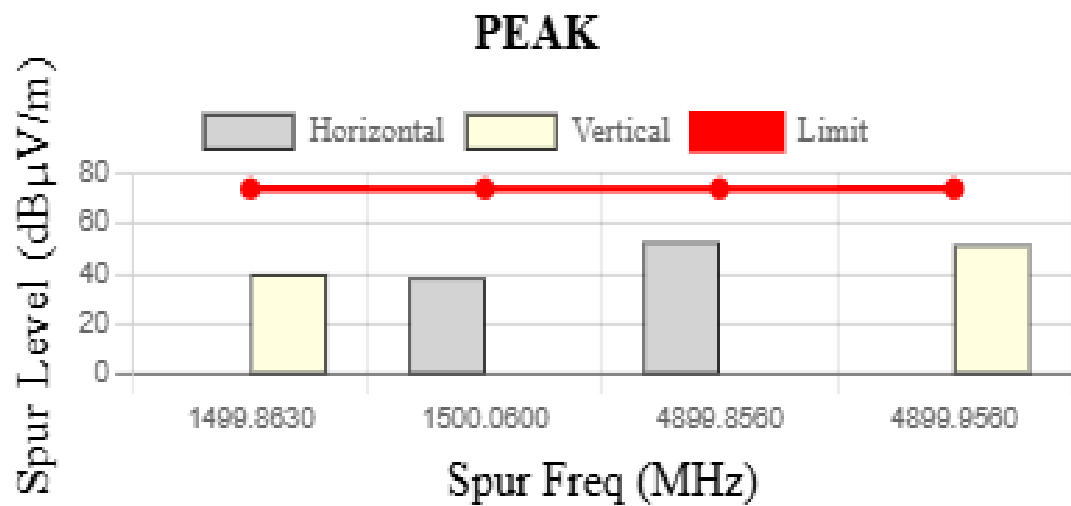
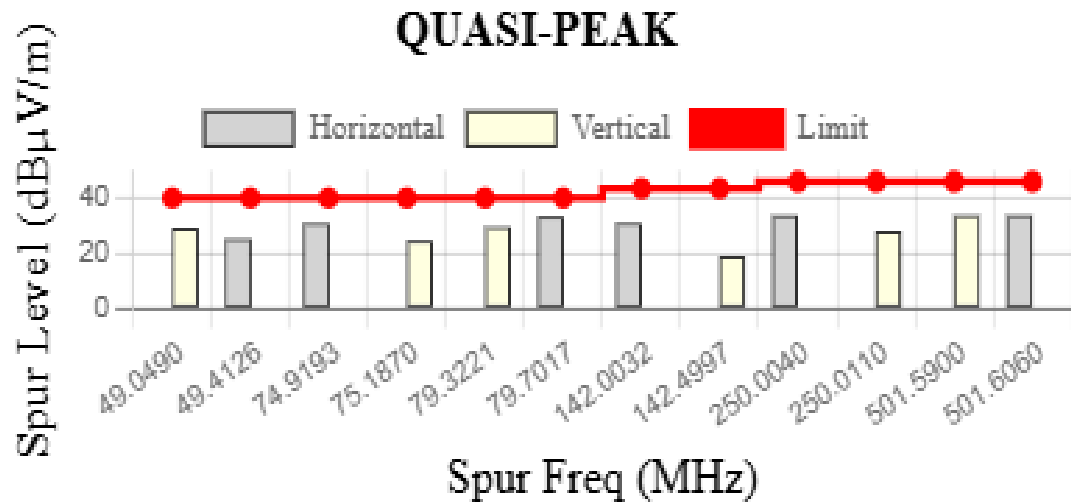
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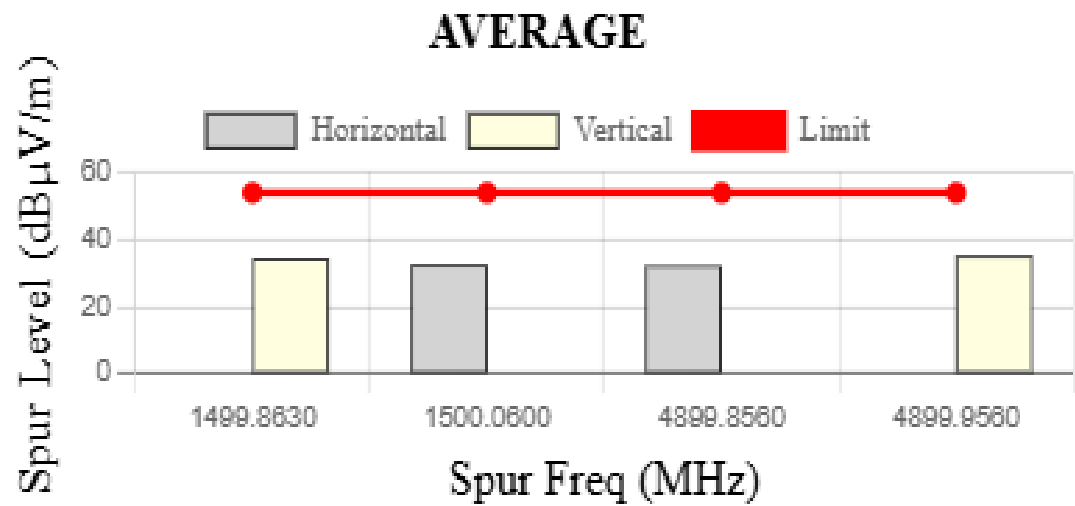
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5300.0000	Softpot Power :	15.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Vertical	Quasi-Peak	47.4001	19.46 *	40.00	20.54
Horizontal	Quasi-Peak	47.7777	20.74	40.00	19.26
Vertical	Quasi-Peak	76.7481	29.29	40.00	10.71
Horizontal	Quasi-Peak	77.2396	31.10	40.00	8.90
Horizontal	Quasi-Peak	80.6608	32.16	40.00	7.84
Vertical	Quasi-Peak	80.7607	30.98	40.00	9.02
Vertical	Quasi-Peak	141.3230	19.07 *	43.50	24.43
Horizontal	Quasi-Peak	141.6756	32.20	43.50	11.30
Vertical	Quasi-Peak	249.9950	27.50	46.00	18.50
Horizontal	Quasi-Peak	249.9990	33.97	46.00	12.03
Vertical	Quasi-Peak	501.5970	29.86	46.00	16.14
Horizontal	Quasi-Peak	501.6020	31.18	46.00	14.82
Vertical	Peak	1499.8260	40.34 *	74.00	33.66
Vertical	Average	1499.8260	35.90	54.00	18.10
Horizontal	Peak	1500.0810	39.05 *	74.00	34.95
Horizontal	Average	1500.0810	32.38 *	54.00	21.62

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

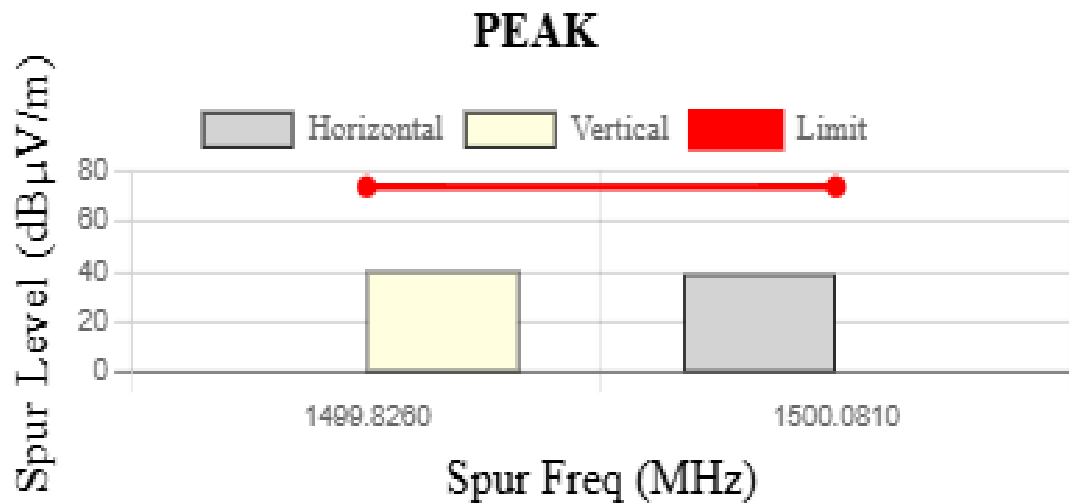
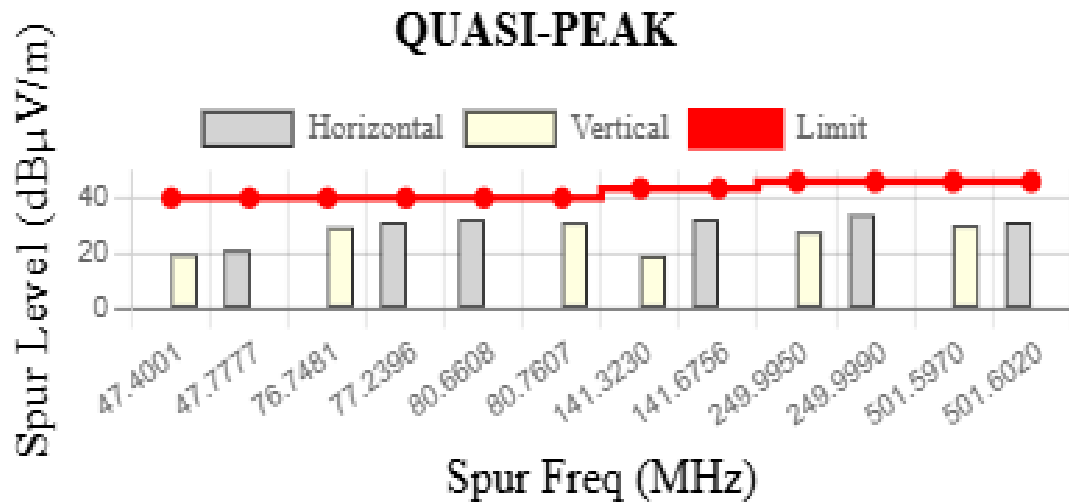
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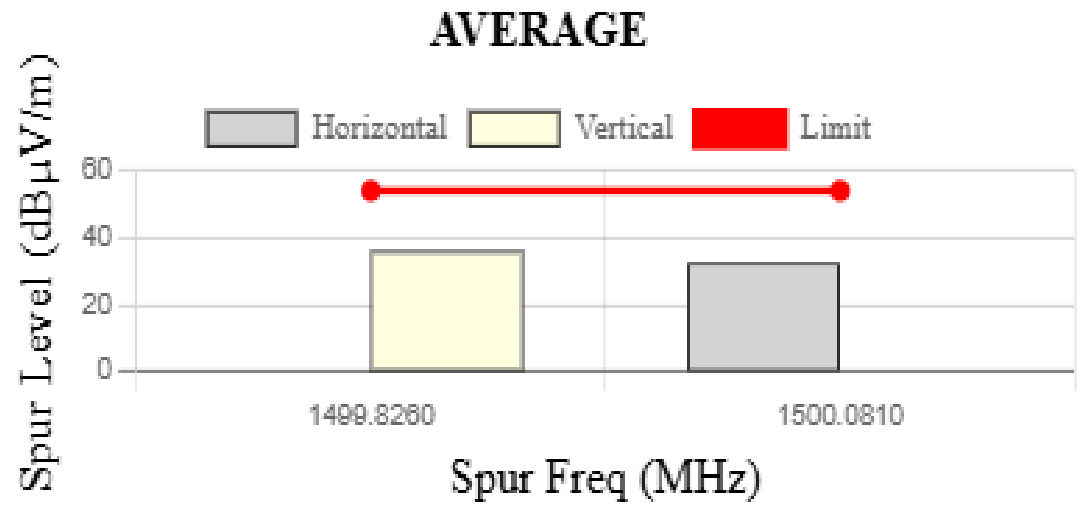
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5320.0000	Softpot Power :	14.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	38.3922	17.08 *	40.00	22.92
Vertical	Quasi-Peak	38.6520	19.16 *	40.00	20.84
Vertical	Quasi-Peak	49.1832	27.97	40.00	12.03
Horizontal	Quasi-Peak	49.8505	22.25	40.00	17.75
Horizontal	Quasi-Peak	79.7545	33.72	40.00	6.28
Vertical	Quasi-Peak	79.8044	31.99	40.00	8.01
Horizontal	Quasi-Peak	141.8736	31.22	43.50	12.28
Vertical	Quasi-Peak	141.8836	22.41 *	43.50	21.09
Vertical	Quasi-Peak	250.0070	27.81	46.00	18.19
Horizontal	Quasi-Peak	250.0160	33.83	46.00	12.17
Vertical	Quasi-Peak	501.5780	33.35	46.00	12.65
Horizontal	Quasi-Peak	501.6229	33.15	46.00	12.85
Horizontal	Peak	1440.0750	36.04 *	74.00	37.96
Horizontal	Average	1440.0750	22.29 *	54.00	31.71
Vertical	Peak	1440.3890	40.30 *	74.00	33.70
Vertical	Average	1440.3890	28.79 *	54.00	25.21

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

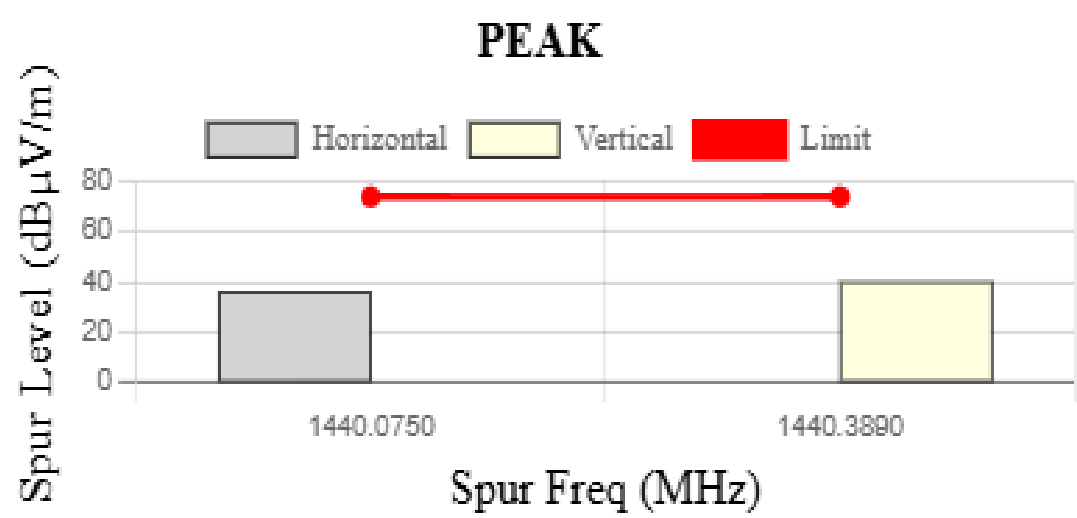
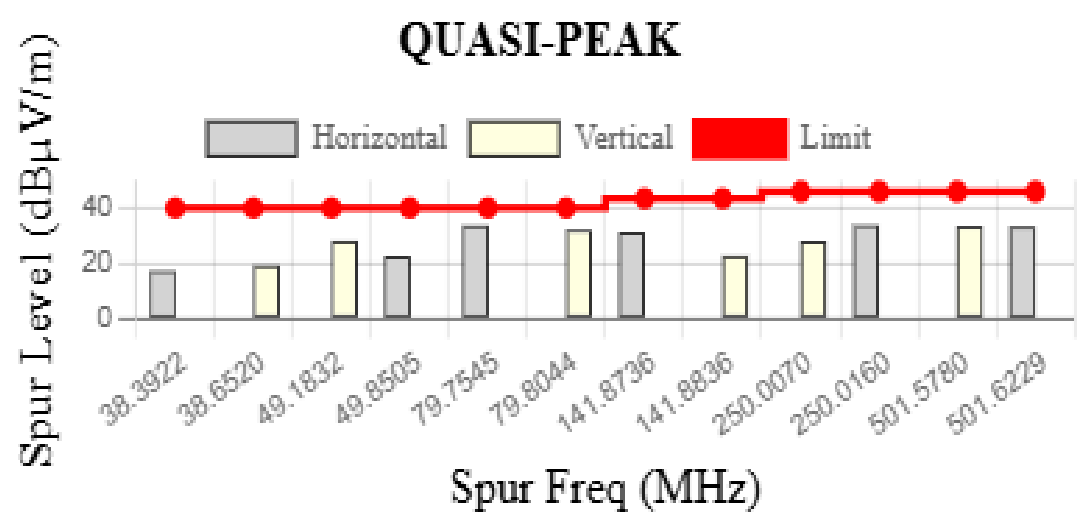
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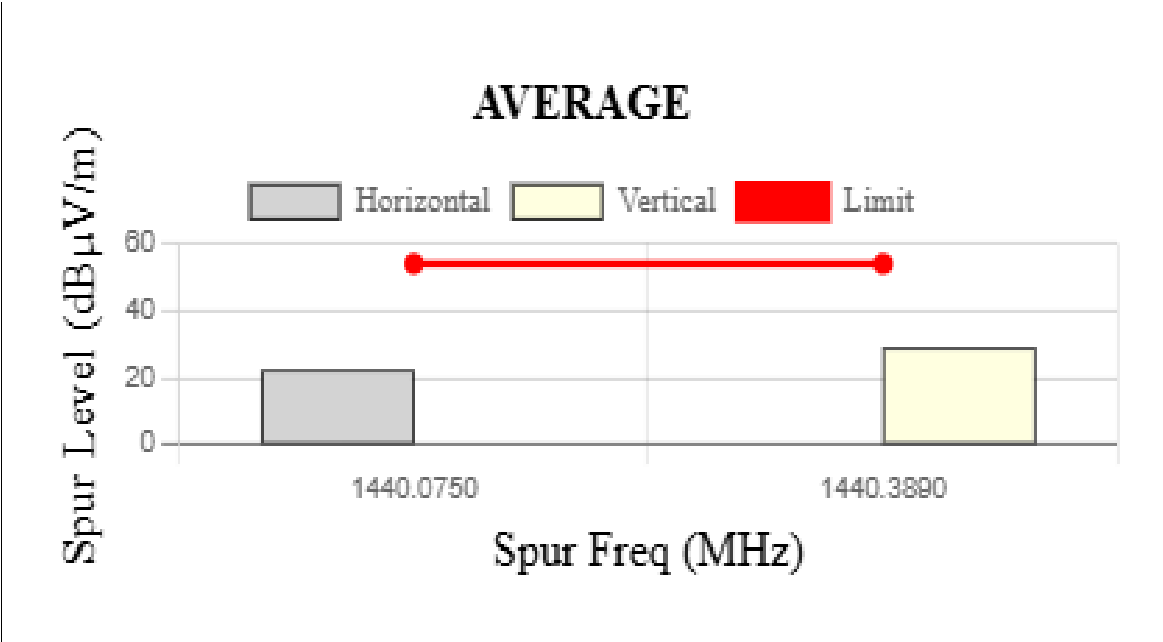
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID : AZ492FT7189 IC : 109U-92FT7189
Model No : AAM29JNN9YA1AN Serial No : 008TCF1512
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1,
PS000280A02-CF1, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth (kHz) : 20000.0000
Test Frequency (MHz) : 5500.0000 Softpot Power : 14.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata
to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Horizontal	Quasi-Peak	74.4641	29.88	40.00	10.12
Vertical	Quasi-Peak	74.7558	28.17	40.00	11.83
Horizontal	Quasi-Peak	77.2759	30.08	40.00	9.92
Vertical	Quasi-Peak	77.3518	27.40	40.00	12.60
Horizontal	Quasi-Peak	80.8922	28.08	40.00	11.92
Vertical	Quasi-Peak	81.5625	26.00	40.00	14.00
Horizontal	Quasi-Peak	139.6934	32.52	43.50	10.98
Vertical	Quasi-Peak	139.7673	16.33 *	43.50	27.17
Horizontal	Quasi-Peak	250.0060	33.80	46.00	12.20
Vertical	Quasi-Peak	250.0100	27.78	46.00	18.22
Horizontal	Quasi-Peak	501.5790	33.07	46.00	12.93
Vertical	Quasi-Peak	501.6010	34.32	46.00	11.68
Vertical	Peak	1450.0320	35.47 *	74.00	38.53
Vertical	Average	1450.0320	23.30 *	54.00	30.70
Horizontal	Peak	1450.1570	33.75 *	74.00	40.25
Horizontal	Average	1450.1570	20.62 *	54.00	33.38

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 17 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

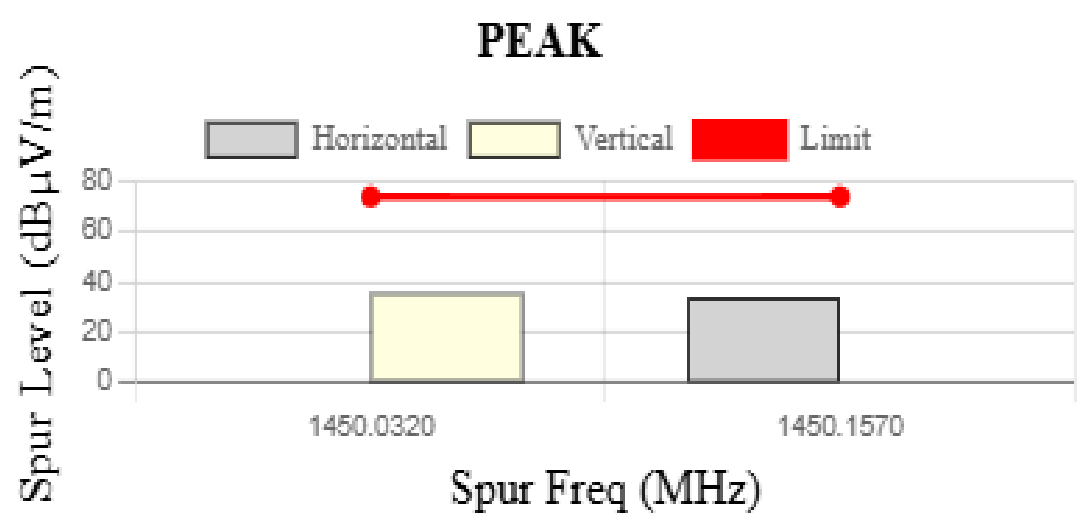
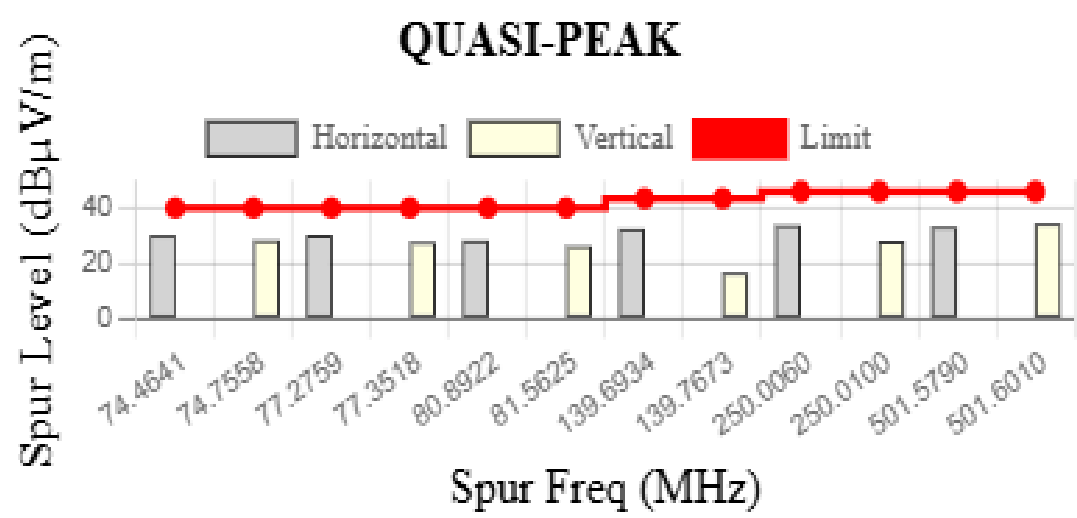
Remarks:

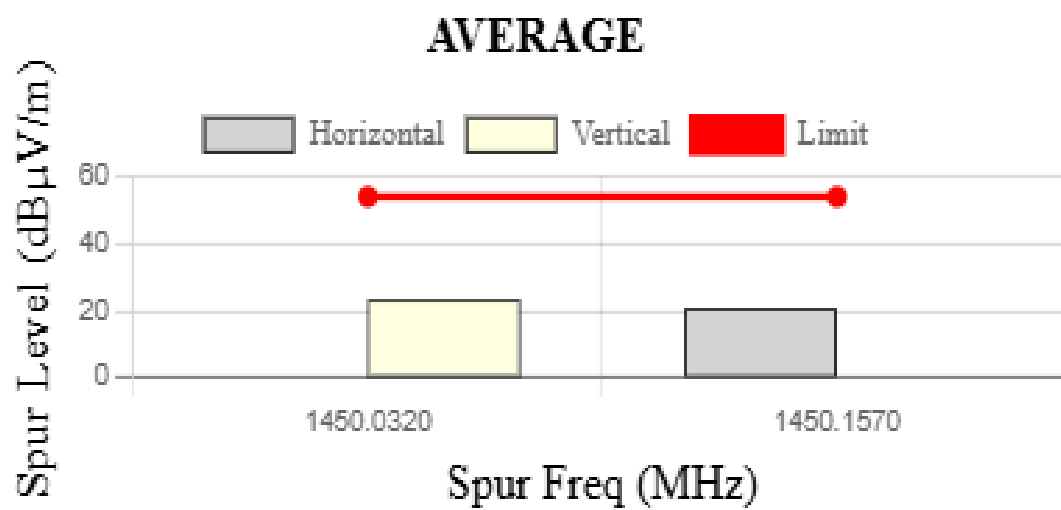
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5580.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	74.5509	27.81	40.00	12.19
Horizontal	Quasi-Peak	74.7128	27.89	40.00	12.11
Vertical	Quasi-Peak	79.7750	30.95	40.00	9.05
Horizontal	Quasi-Peak	80.1825	31.65	40.00	8.35
Horizontal	Quasi-Peak	137.5993	29.58	43.50	13.92
Vertical	Quasi-Peak	137.7111	16.15 *	43.50	27.35
Horizontal	Quasi-Peak	250.0090	34.00	46.00	12.00
Vertical	Quasi-Peak	250.0110	27.76	46.00	18.24
Vertical	Quasi-Peak	501.5950	29.90	46.00	16.10
Horizontal	Quasi-Peak	501.6060	32.92	46.00	13.08
Horizontal	Quasi-Peak	704.6984	17.84 *	46.00	28.16
Vertical	Quasi-Peak	705.1160	17.93 *	46.00	28.07
Vertical	Peak	1499.9340	40.35 *	74.00	33.65
Vertical	Average	1499.9340	35.74	54.00	18.26
Horizontal	Peak	1500.0570	37.97 *	74.00	36.03
Horizontal	Average	1500.0570	29.35 *	54.00	24.65
Vertical	Peak	4881.2850	47.51 *	74.00	26.49
Vertical	Average	4881.2850	34.79	54.00	19.21
Horizontal	Peak	4881.8420	49.13 *	74.00	24.87
Horizontal	Average	4881.8420	32.55 *	54.00	21.45

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

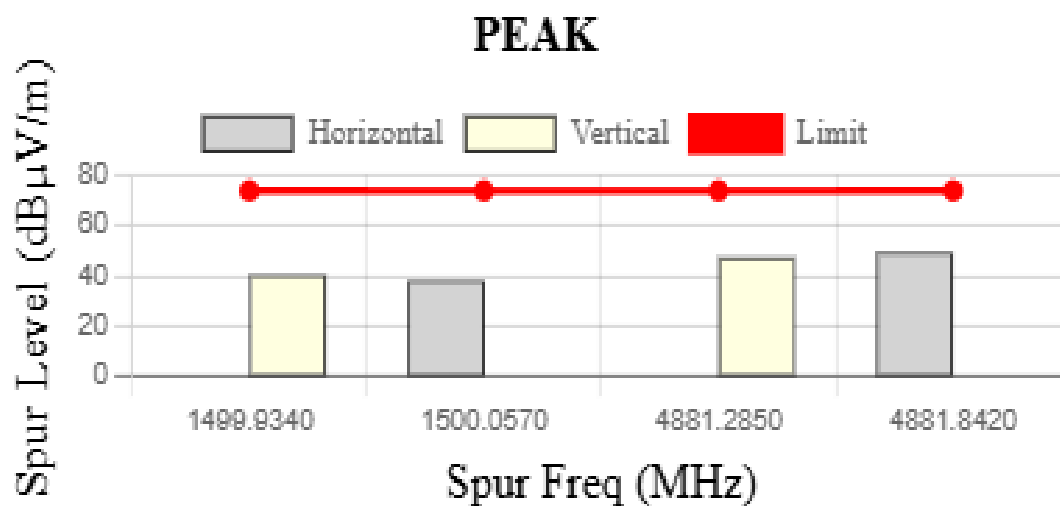
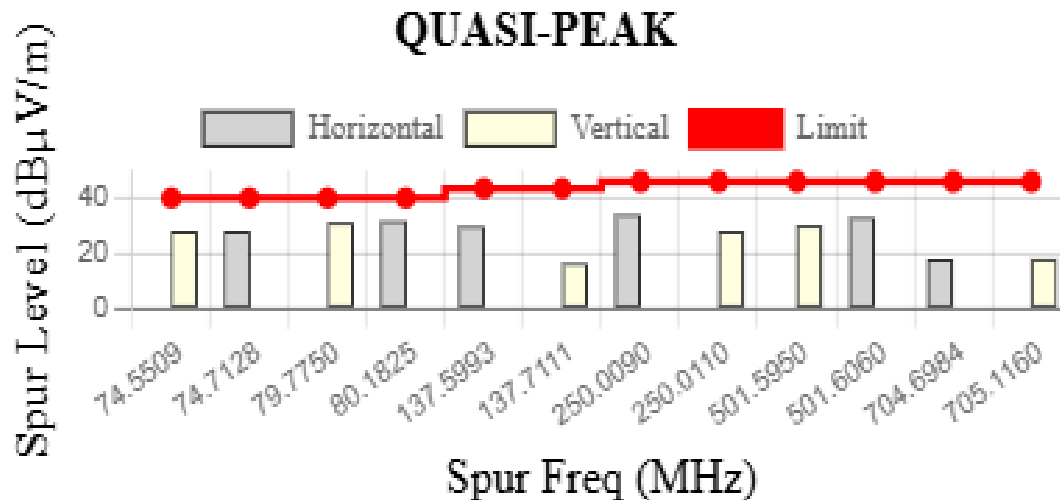
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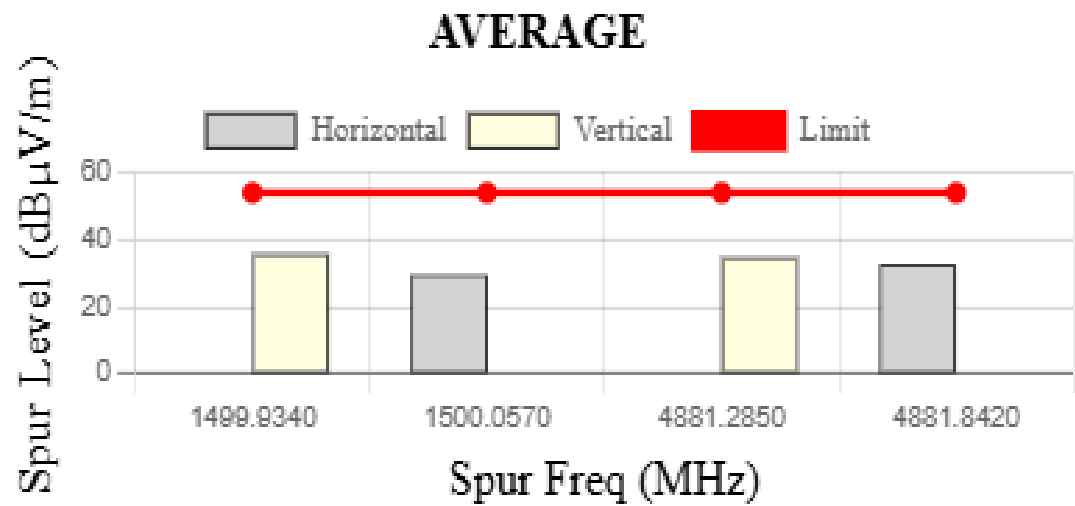
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5720.0000	Softpot Power :	15.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	49.4330	25.15	40.00	14.85
Vertical	Quasi-Peak	49.5319	28.96	40.00	11.04
Vertical	Quasi-Peak	71.6008	28.81	40.00	11.19
Horizontal	Quasi-Peak	71.6468	31.82	40.00	8.18
Horizontal	Quasi-Peak	79.1751	33.57	40.00	6.43
Vertical	Quasi-Peak	79.7215	27.98	40.00	12.02
Vertical	Quasi-Peak	141.6481	21.11 *	43.50	22.39
Horizontal	Quasi-Peak	141.7380	29.67	43.50	13.83
Horizontal	Quasi-Peak	250.0080	34.09	46.00	11.91
Vertical	Quasi-Peak	250.0289	27.33	46.00	18.67
Vertical	Quasi-Peak	501.5760	33.48	46.00	12.52
Horizontal	Quasi-Peak	501.5880	33.20	46.00	12.80
Vertical	Peak	1499.8480	40.50 *	74.00	33.50
Vertical	Average	1499.8480	34.67	54.00	19.33
Horizontal	Peak	1499.9780	40.05 *	74.00	33.95
Horizontal	Average	1499.9780	31.63 *	54.00	22.37
Horizontal	Peak	4291.1720	49.49 *	74.00	24.51
Horizontal	Average	4291.1720	37.97	54.00	16.03
Vertical	Peak	4292.1470	49.95 *	74.00	24.05
Vertical	Average	4292.1470	38.38	54.00	15.62
Vertical	Peak	4859.0390	47.31 *	74.00	26.69
Vertical	Average	4859.0390	34.30	54.00	19.70
Horizontal	Peak	4859.6070	45.86 *	74.00	28.14
Horizontal	Average	4859.6070	32.75 *	54.00	21.25
Horizontal	Peak	5000.9350	47.34 *	74.00	26.66
Horizontal	Average	5000.9350	34.38	54.00	19.62
Vertical	Peak	5001.0460	45.58 *	74.00	28.42
Vertical	Average	5001.0460	31.12 *	54.00	22.88

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

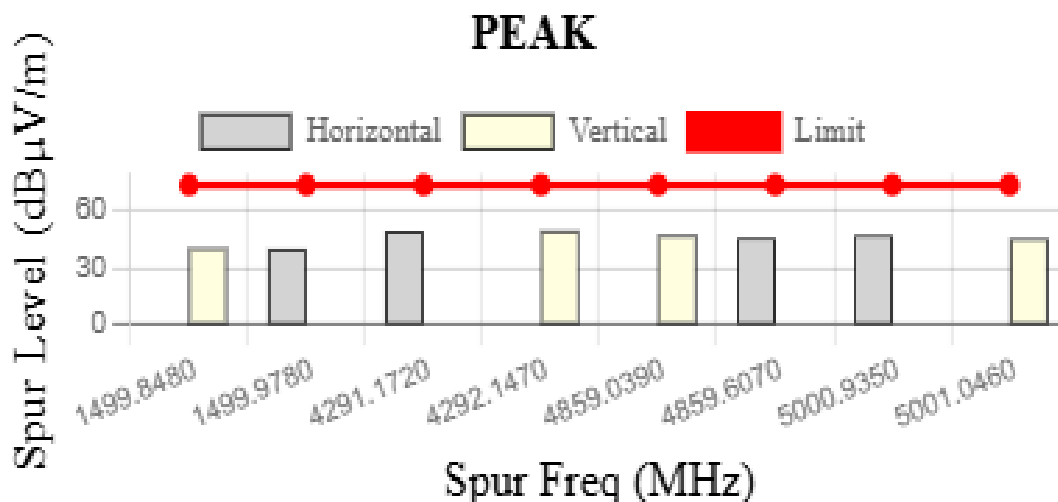
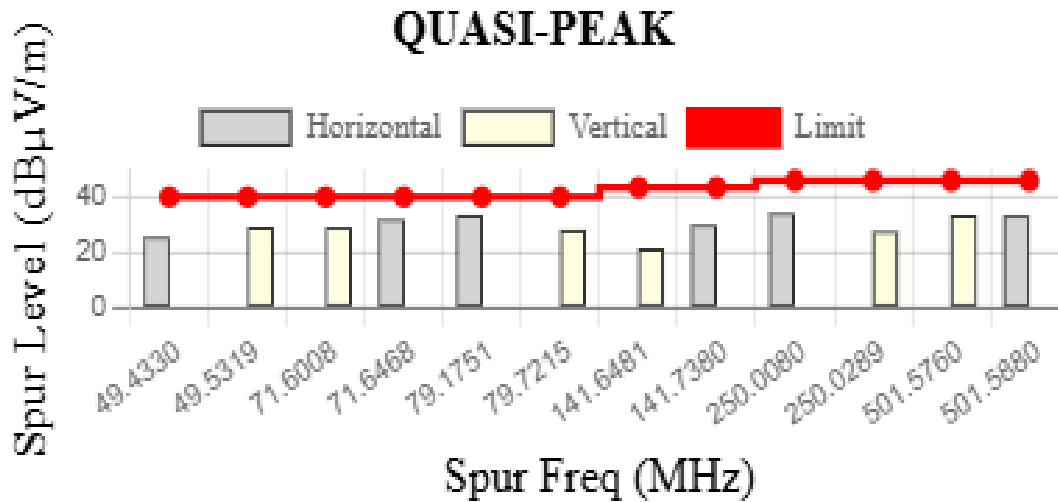
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

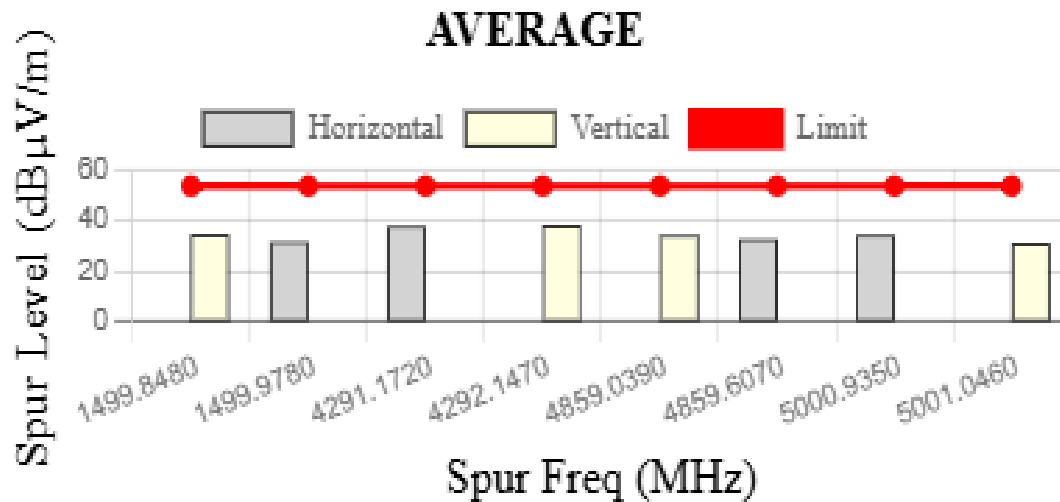
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5745.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	49.3098	25.27	40.00	14.73
Vertical	Quasi-Peak	49.6125	30.56	40.00	9.44
Horizontal	Quasi-Peak	72.0554	32.20	40.00	7.80
Vertical	Quasi-Peak	72.9345	27.13	40.00	12.87
Vertical	Quasi-Peak	79.3872	33.59	40.00	6.41
Horizontal	Quasi-Peak	79.5162	32.39	40.00	7.61
Horizontal	Quasi-Peak	141.6065	31.55	43.50	11.95
Vertical	Quasi-Peak	141.8642	21.70 *	43.50	21.80
Vertical	Quasi-Peak	249.9640	24.62 *	46.00	21.38
Horizontal	Quasi-Peak	250.0100	34.12	46.00	11.88
Horizontal	Quasi-Peak	501.6020	33.48	46.00	12.52
Vertical	Quasi-Peak	501.6200	33.54	46.00	12.46
Horizontal	Peak	1499.8790	37.09 *	74.00	36.91
Horizontal	Average	1499.8790	30.83 *	54.00	23.17
Vertical	Peak	1499.8970	40.05 *	74.00	33.95
Vertical	Average	1499.8970	33.61 *	54.00	20.39
Vertical	Peak	4311.9710	47.56 *	74.00	26.44
Vertical	Average	4311.9710	32.10 *	54.00	21.90
Horizontal	Peak	4312.6310	47.43 *	74.00	26.57
Horizontal	Average	4312.6310	34.63	54.00	19.37
Horizontal	Peak	4895.5110	45.43 *	74.00	28.57
Horizontal	Average	4895.5110	30.83 *	54.00	23.17
Vertical	Peak	4895.6910	47.41 *	74.00	26.59
Vertical	Average	4895.6910	33.71 *	54.00	20.29
Vertical	Peak	5621.1940	47.95 *	68.20	20.25
Horizontal	Peak	5621.6030	46.22 *	68.20	21.98

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

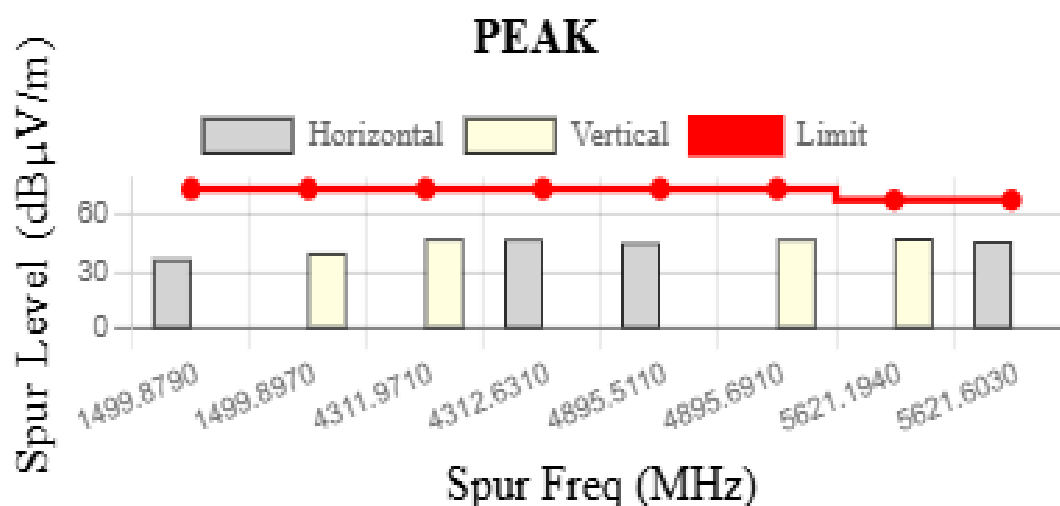
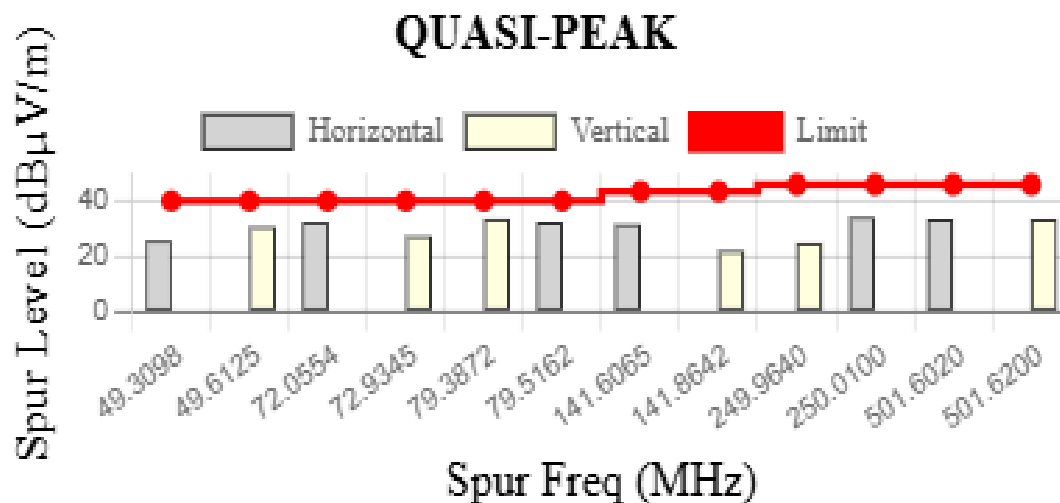
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

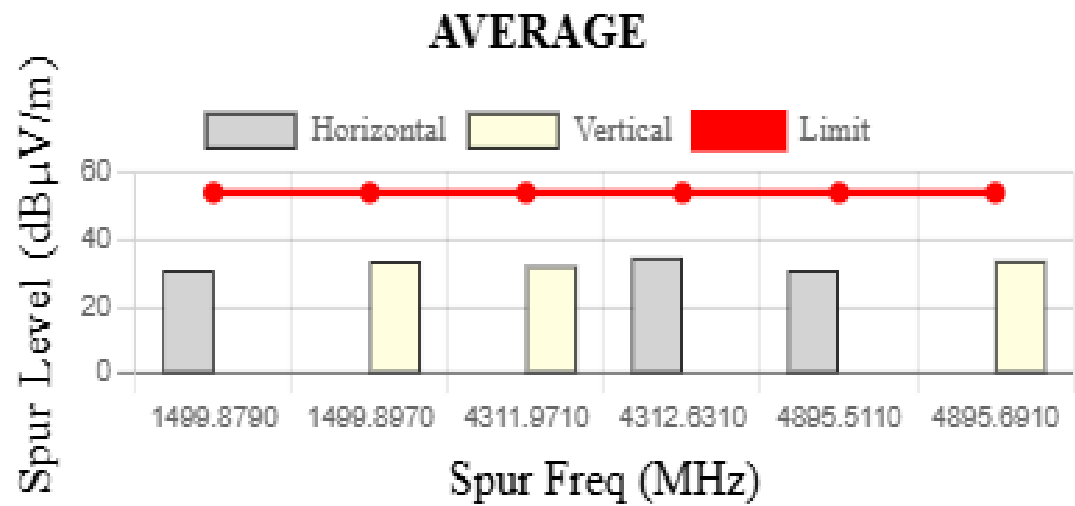
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5785.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	48.9664	25.63	40.00	14.37
Horizontal	Quasi-Peak	49.2911	25.97	40.00	14.03
Horizontal	Quasi-Peak	68.3963	27.55	40.00	12.45
Vertical	Quasi-Peak	68.5412	29.07	40.00	10.93
Vertical	Quasi-Peak	81.7050	33.74	40.00	6.26
Horizontal	Quasi-Peak	81.7290	31.73	40.00	8.27
Horizontal	Quasi-Peak	139.8459	31.91	43.50	11.59
Vertical	Quasi-Peak	139.8909	22.14 *	43.50	21.36
Horizontal	Quasi-Peak	250.0050	33.78	46.00	12.22
Vertical	Quasi-Peak	250.0090	28.06	46.00	17.94
Horizontal	Quasi-Peak	501.5970	33.73	46.00	12.27
Vertical	Quasi-Peak	501.6090	34.18	46.00	11.82
Horizontal	Peak	1500.1550	38.69 *	74.00	35.31
Horizontal	Average	1500.1550	32.07 *	54.00	21.93
Vertical	Peak	1500.2000	39.95 *	74.00	34.05
Vertical	Average	1500.2000	34.39	54.00	19.61
Vertical	Peak	4343.6880	46.99 *	74.00	27.01
Vertical	Average	4343.6880	35.01	54.00	18.99
Horizontal	Peak	4344.0490	48.08 *	74.00	25.92
Horizontal	Average	4344.0490	33.90 *	54.00	20.10
Vertical	Peak	4907.9170	44.90 *	74.00	29.10
Vertical	Average	4907.9170	31.53 *	54.00	22.47
Horizontal	Peak	4908.6390	44.94 *	74.00	29.06
Horizontal	Average	4908.6390	32.18 *	54.00	21.82
Vertical	Peak	5625.1720	49.03	68.20	19.17
Horizontal	Peak	5625.8790	46.76 *	68.20	21.44
Vertical	Peak	17351.5400	57.96	68.20	10.24
Horizontal	Peak	17351.8600	59.91	68.20	8.29

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

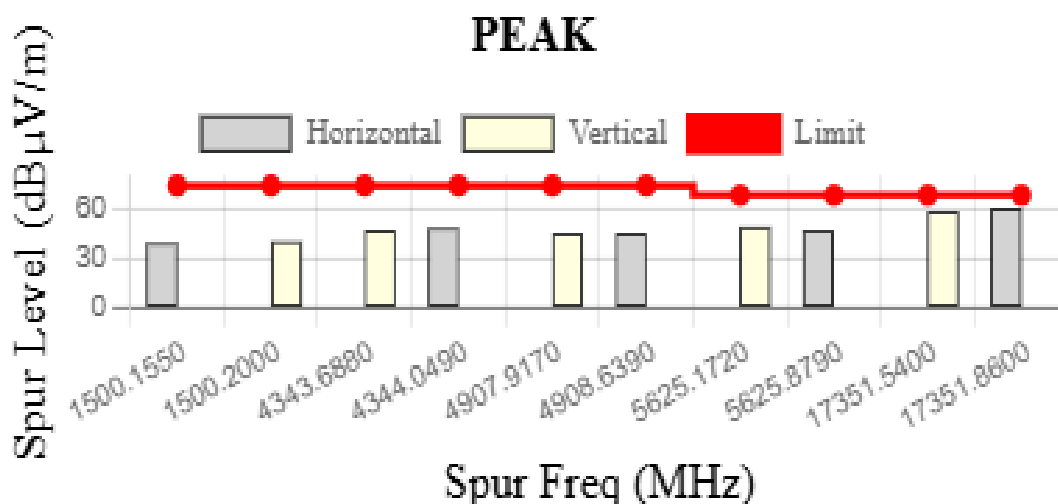
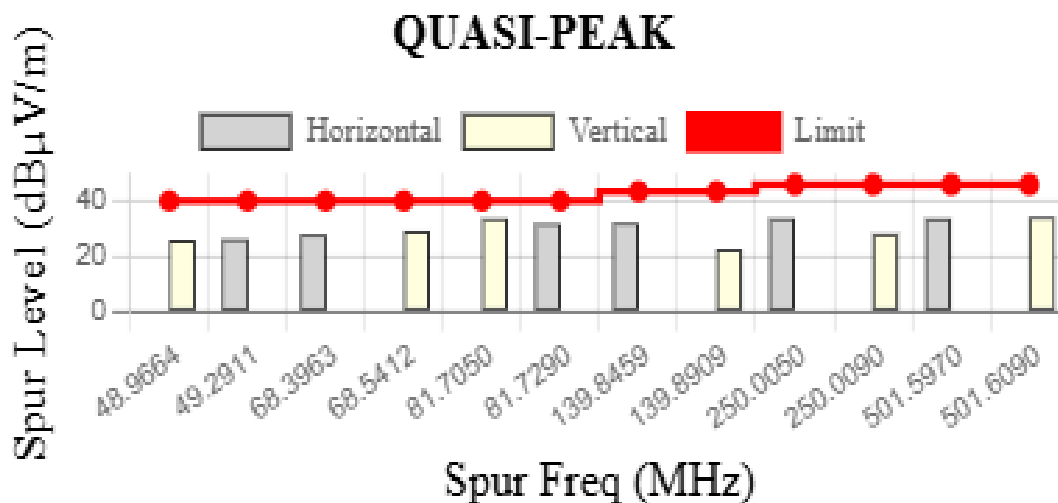
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

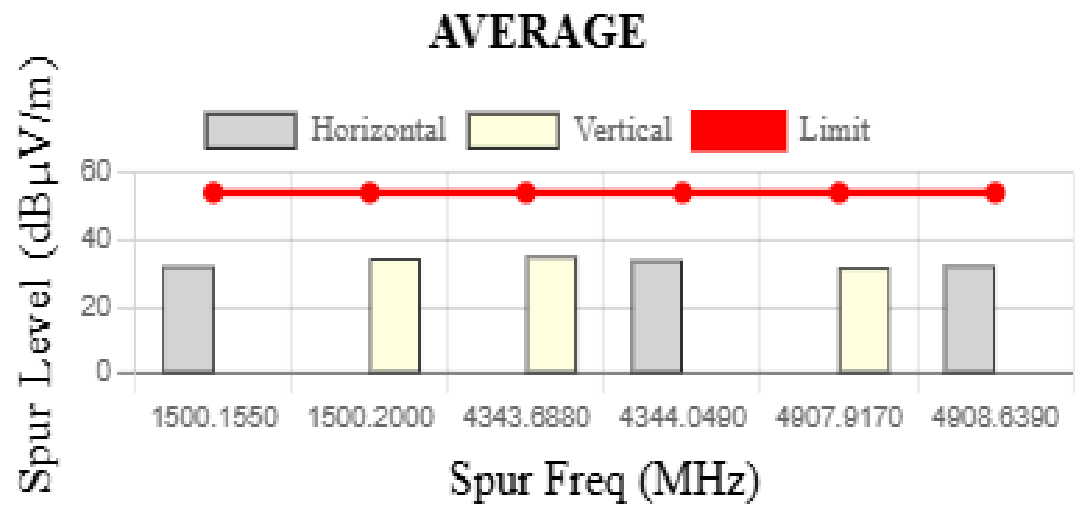
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5825.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	48.2186	26.56	40.00	13.44
Horizontal	Quasi-Peak	48.2855	22.52	40.00	17.48
Horizontal	Quasi-Peak	74.5284	31.72	40.00	8.28
Vertical	Quasi-Peak	74.5664	29.25	40.00	10.75
Vertical	Quasi-Peak	79.5350	32.71	40.00	7.29
Horizontal	Quasi-Peak	79.7828	33.58	40.00	6.42
Vertical	Quasi-Peak	138.5943	19.88 *	43.50	23.62
Horizontal	Quasi-Peak	138.7292	28.25	43.50	15.25
Vertical	Quasi-Peak	249.9900	27.52	46.00	18.48
Horizontal	Quasi-Peak	250.0200	33.82	46.00	12.18
Horizontal	Quasi-Peak	501.6190	32.72	46.00	13.28
Vertical	Quasi-Peak	501.6210	33.64	46.00	12.36
Vertical	Peak	1499.9390	40.07 *	74.00	33.93
Vertical	Average	1499.9390	33.30 *	54.00	20.70
Horizontal	Peak	1500.2140	38.45 *	74.00	35.55
Horizontal	Average	1500.2140	30.37 *	54.00	23.63
Vertical	Peak	2632.2460	39.22 *	68.20	28.98
Horizontal	Peak	2632.5430	39.46 *	68.20	28.74
Vertical	Peak	4371.7000	51.31 *	74.00	22.69
Vertical	Average	4371.7000	39.20	54.00	14.80
Horizontal	Peak	4372.3710	52.42 *	74.00	21.58
Horizontal	Average	4372.3710	41.40	54.00	12.60
Vertical	Peak	5576.2390	47.92 *	68.20	20.28
Horizontal	Peak	5576.9840	44.92 *	68.20	23.28
Horizontal	Peak	17474.7400	61.39	68.20	6.81
Vertical	Peak	17475.3700	58.83	68.20	9.37

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

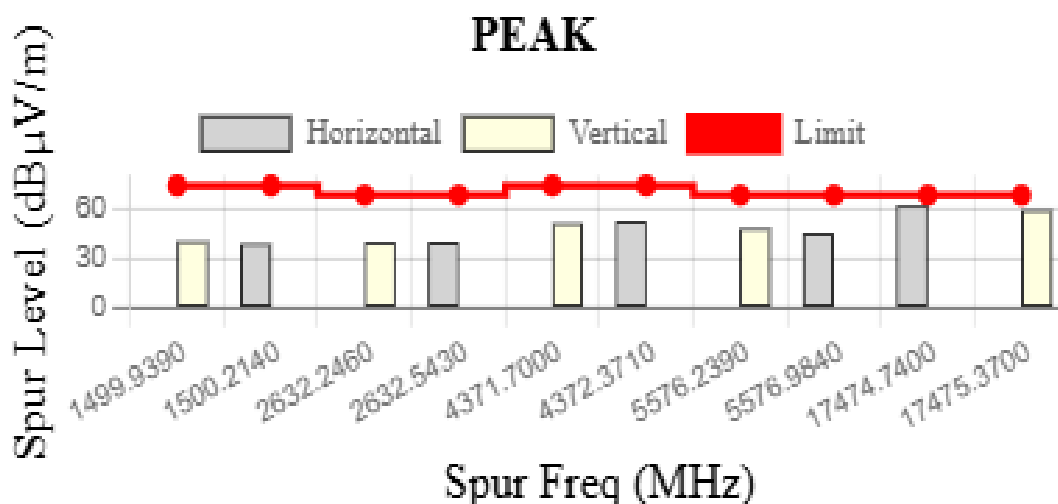
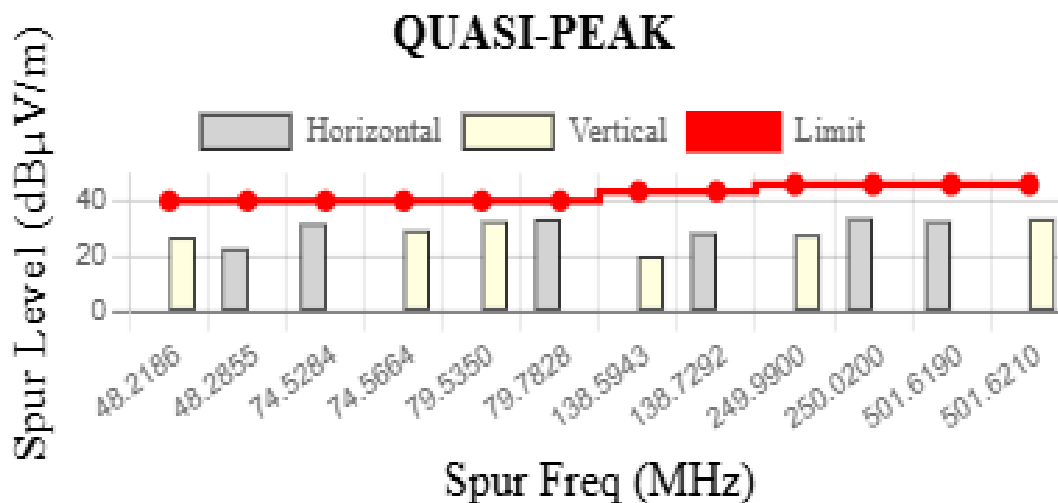
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

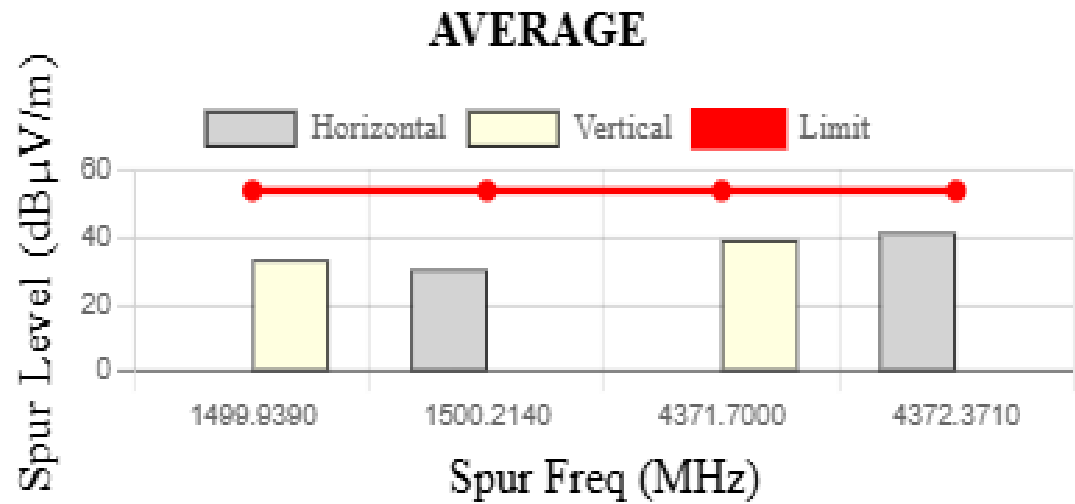
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





802.11n (HT20)

SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5180.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	49.2300	31.76	40.00	8.24
Horizontal	Quasi-Peak	49.6036	25.40	40.00	14.60
Horizontal	Quasi-Peak	76.3365	32.01	40.00	7.99
Vertical	Quasi-Peak	77.2386	30.60	40.00	9.40
Vertical	Quasi-Peak	80.7815	33.32	40.00	6.68
Horizontal	Quasi-Peak	81.5637	32.14	40.00	7.86
Vertical	Quasi-Peak	139.1388	20.80 *	43.50	22.70
Horizontal	Quasi-Peak	139.3685	31.70	43.50	11.80
Vertical	Quasi-Peak	250.0000	27.86	46.00	18.14
Horizontal	Quasi-Peak	250.0080	34.08	46.00	11.92
Vertical	Quasi-Peak	501.5870	34.02	46.00	11.98
Horizontal	Quasi-Peak	501.5870	32.89	46.00	13.11
Horizontal	Peak	1449.7890	33.62 *	74.00	40.38
Horizontal	Average	1449.7890	20.36 *	54.00	33.64
Vertical	Peak	1450.2380	35.55 *	74.00	38.45
Vertical	Average	1450.2380	22.13 *	54.00	31.87

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

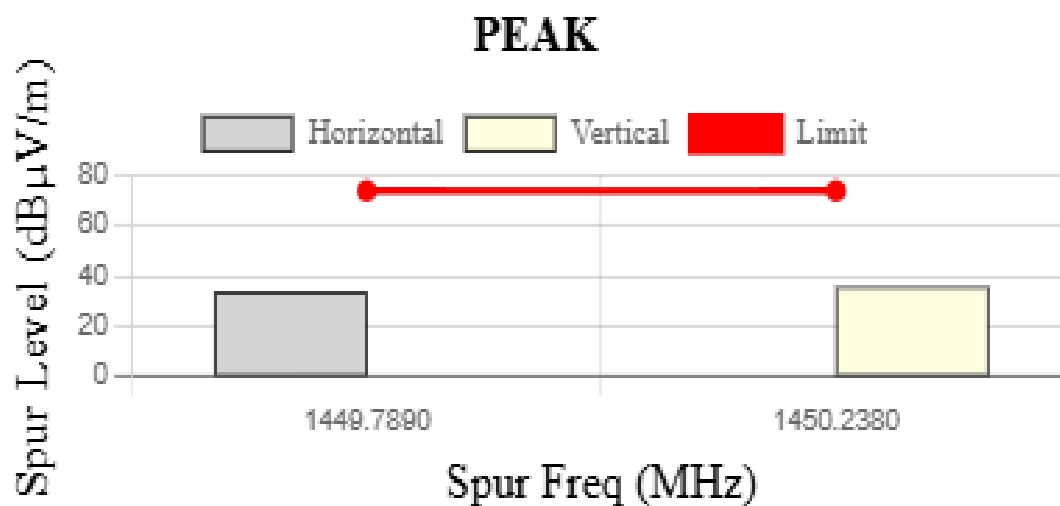
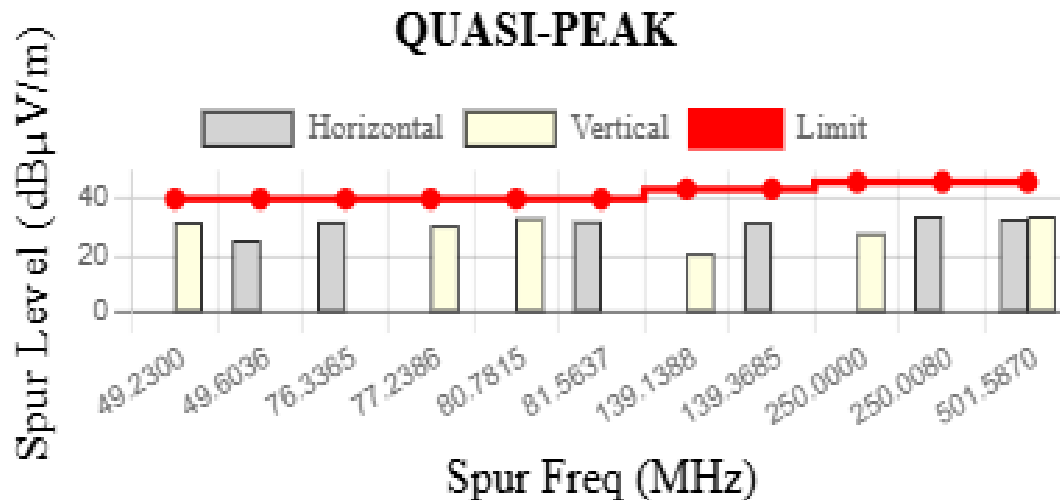
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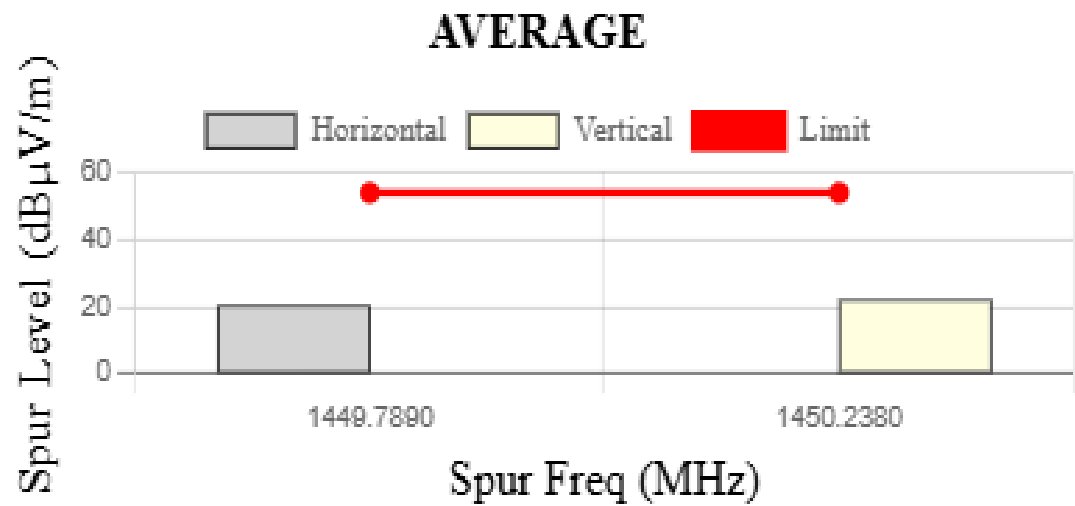
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5220.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	49.6013	27.04	40.00	12.96
Horizontal	Quasi-Peak	50.1717	21.72	40.00	18.28
Vertical	Quasi-Peak	70.3293	29.74	40.00	10.26
Horizontal	Quasi-Peak	70.7878	30.98	40.00	9.02
Vertical	Quasi-Peak	79.4624	30.38	40.00	9.62
Horizontal	Quasi-Peak	80.1717	33.37	40.00	6.63
Horizontal	Quasi-Peak	141.2519	31.28	43.50	12.22
Vertical	Quasi-Peak	141.4707	21.09 *	43.50	22.41
Horizontal	Quasi-Peak	250.0000	33.76	46.00	12.24
Vertical	Quasi-Peak	250.0010	26.96	46.00	19.04
Vertical	Quasi-Peak	501.6030	34.28	46.00	11.72
Horizontal	Quasi-Peak	501.6100	33.75	46.00	12.25
Vertical	Peak	1449.6580	35.55 *	74.00	38.45
Vertical	Average	1449.6580	22.82 *	54.00	31.18
Horizontal	Peak	1450.2180	34.74 *	74.00	39.26
Horizontal	Average	1450.2180	20.03 *	54.00	33.97
Vertical	Peak	4901.1520	51.79 *	74.00	22.21
Vertical	Average	4901.1520	32.84 *	54.00	21.16
Horizontal	Peak	4901.5850	43.89 *	74.00	30.11
Horizontal	Average	4901.5850	30.61 *	54.00	23.39

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

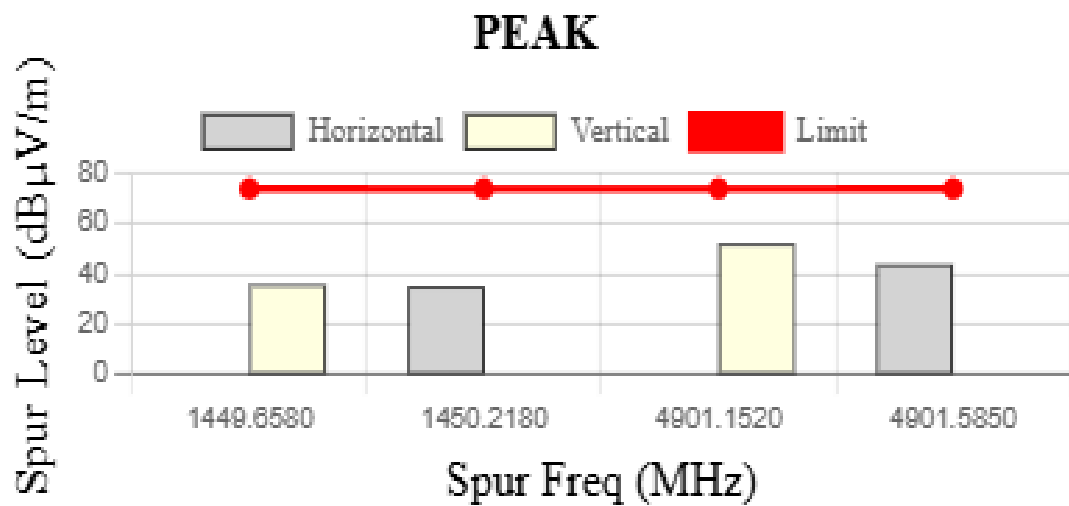
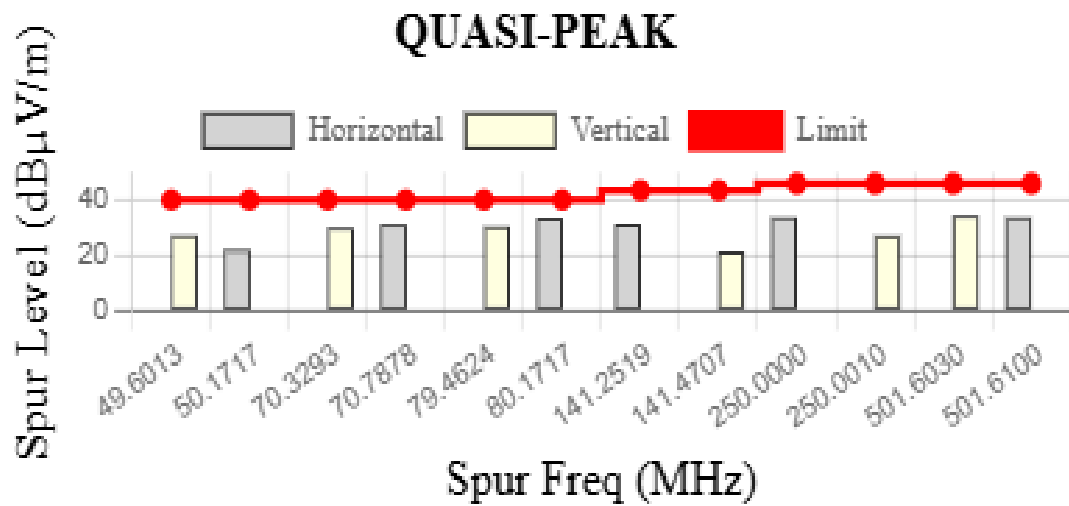
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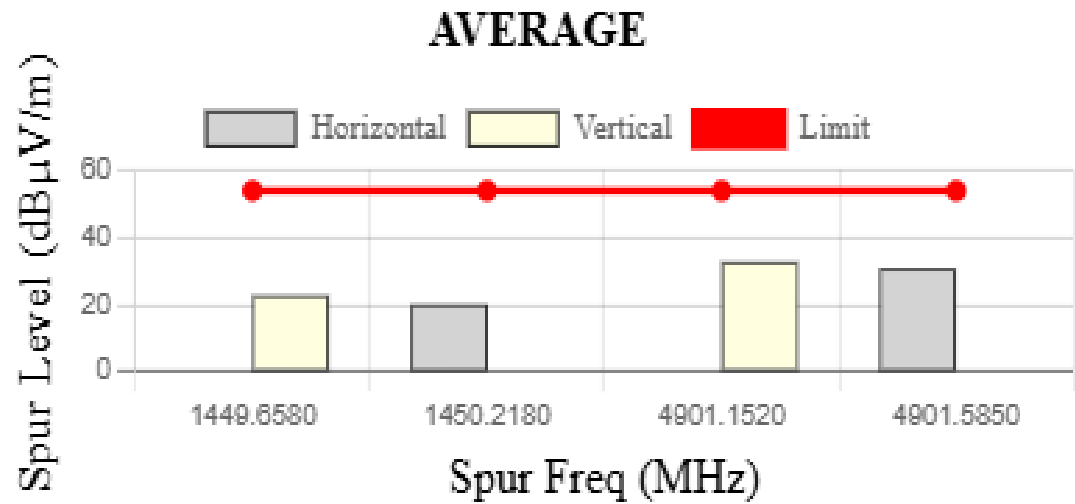
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID : AZ492FT7189 IC : 109U-92FT7189
Model No : AAM29JNN9YA1AN Serial No : 008TCF1512
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1,
PS000280A02-CF1, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth (kHz) : 20000.0000
Test Frequency (MHz) : 5240.0000 Softpot Power : 13.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata
to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	33.1708	19.15 *	40.00	20.85
Vertical	Quasi-Peak	33.4385	22.07	40.00	17.93
Horizontal	Quasi-Peak	49.1893	24.05	40.00	15.95
Vertical	Quasi-Peak	49.2582	29.86	40.00	10.14
Vertical	Quasi-Peak	77.2409	30.18	40.00	9.82
Horizontal	Quasi-Peak	77.5486	31.25	40.00	8.75
Vertical	Quasi-Peak	141.8942	20.67 *	43.50	22.83
Horizontal	Quasi-Peak	142.2268	31.01	43.50	12.49
Horizontal	Quasi-Peak	249.9990	33.71	46.00	12.29
Vertical	Quasi-Peak	250.0419	25.80 *	46.00	20.20
Horizontal	Quasi-Peak	501.5850	32.67	46.00	13.33
Vertical	Quasi-Peak	501.5980	34.07	46.00	11.93
Vertical	Peak	1500.0690	40.09 *	74.00	33.91
Vertical	Average	1500.0690	34.19	54.00	19.81
Horizontal	Peak	1500.3430	38.49 *	74.00	35.51
Horizontal	Average	1500.3430	31.83 *	54.00	22.17

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 17 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

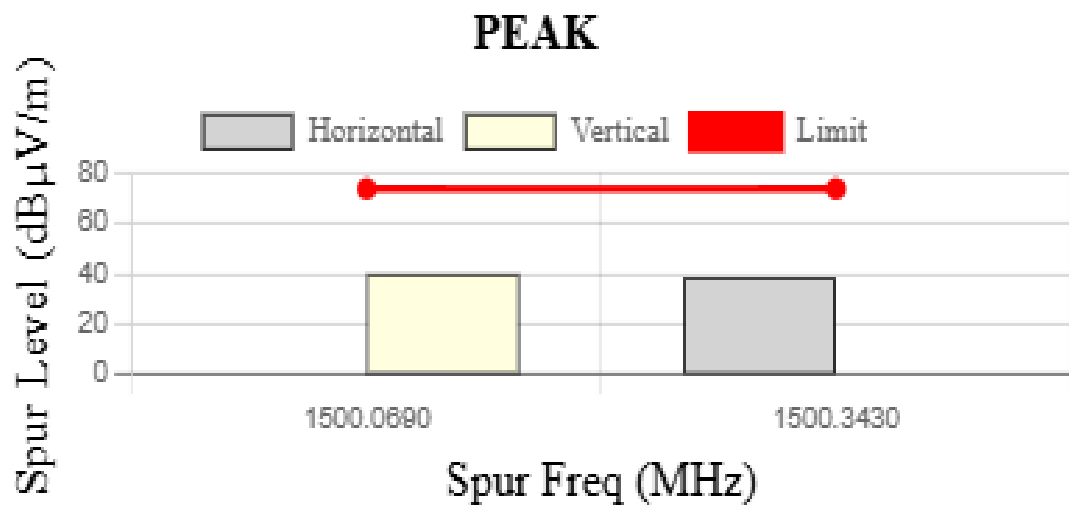
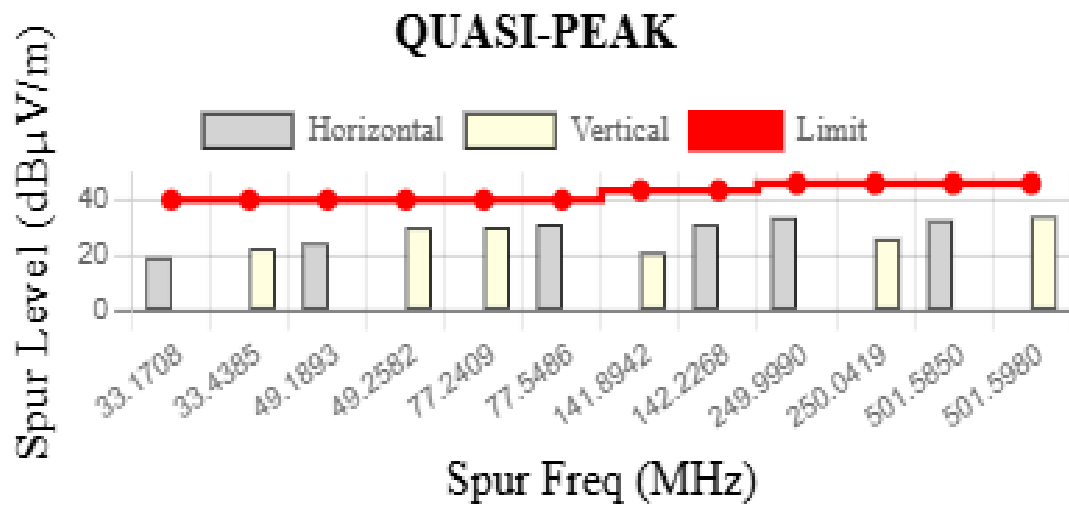
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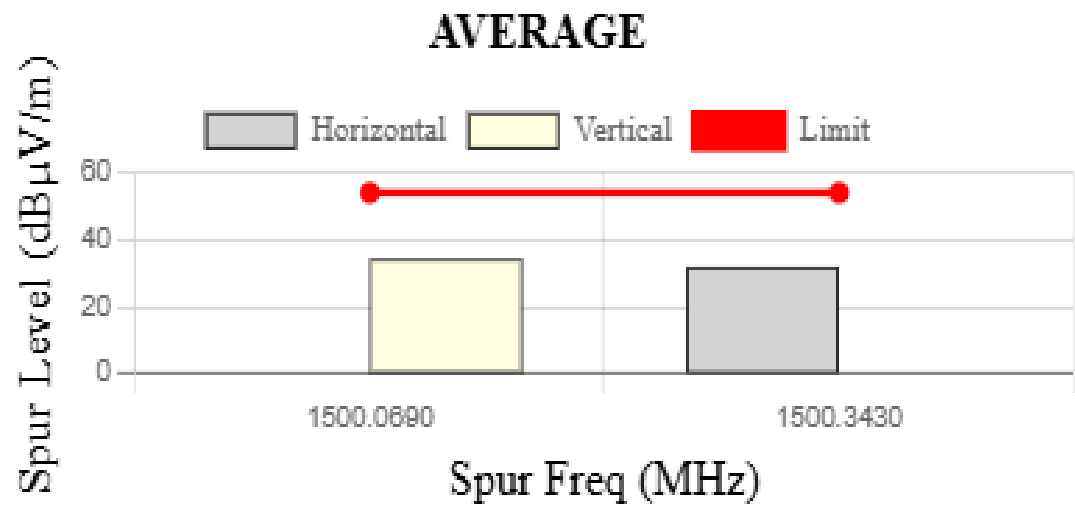
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID : AZ492FT7189 IC : 109U-92FT7189
Model No : AAM29JNN9YA1AN Serial No : 008TCF1512
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1,
PS000280A02-CF1, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth (kHz) : 20000.0000
Test Frequency (MHz) : 5260.0000 Softpot Power : 13.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1- Voltage (V) : 120.00
2023+C63.10a-2024 + Errata
to C63.10a-2024

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	38.5525	17.64 *	40.00	22.36
Vertical	Quasi-Peak	38.7453	18.07 *	40.00	21.93
Vertical	Quasi-Peak	48.9011	27.37	40.00	12.63
Horizontal	Quasi-Peak	49.4226	24.10	40.00	15.90
Horizontal	Quasi-Peak	81.2074	31.40	40.00	8.60
Vertical	Quasi-Peak	81.6939	31.88	40.00	8.12
Horizontal	Quasi-Peak	139.9494	31.28	43.50	12.22
Vertical	Quasi-Peak	140.3999	20.69 *	43.50	22.81
Vertical	Quasi-Peak	249.9890	27.11	46.00	18.89
Horizontal	Quasi-Peak	250.0100	33.62	46.00	12.38
Horizontal	Quasi-Peak	501.6079	33.52	46.00	12.48
Vertical	Quasi-Peak	501.6089	33.55	46.00	12.45
Vertical	Peak	1499.8930	40.05 *	74.00	33.95
Vertical	Average	1499.8930	34.14	54.00	19.86
Horizontal	Peak	1500.0030	37.92 *	74.00	36.08
Horizontal	Average	1500.0030	32.13 *	54.00	21.87
Vertical	Peak	5078.9740	48.58 *	74.00	25.42
Vertical	Average	5078.9740	32.72 *	54.00	21.28
Horizontal	Peak	5079.4610	44.90 *	74.00	29.10
Horizontal	Average	5079.4610	31.17 *	54.00	22.83

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 17 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

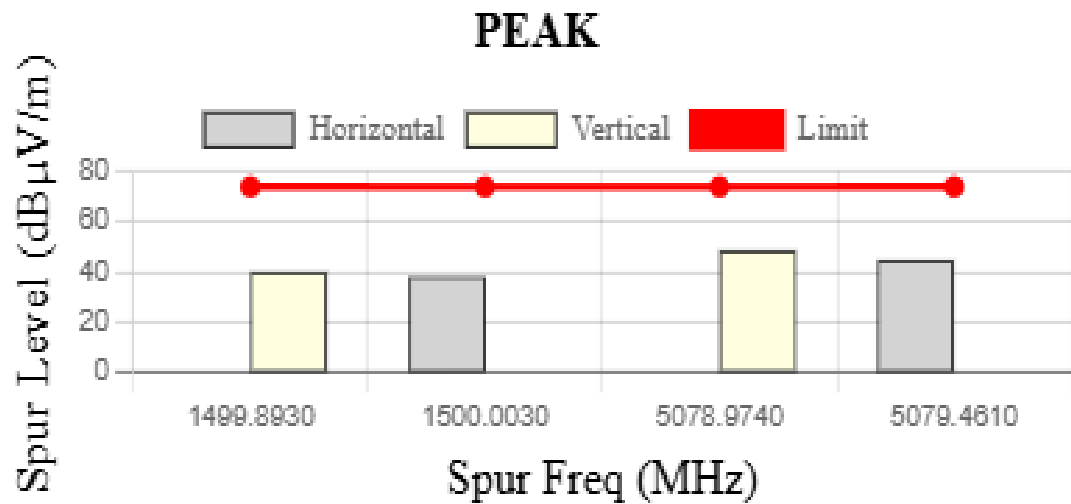
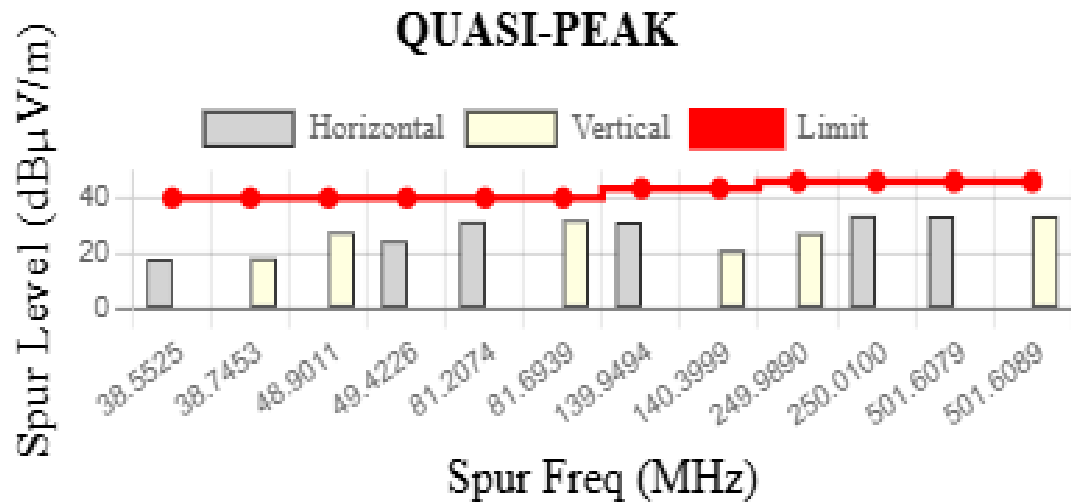
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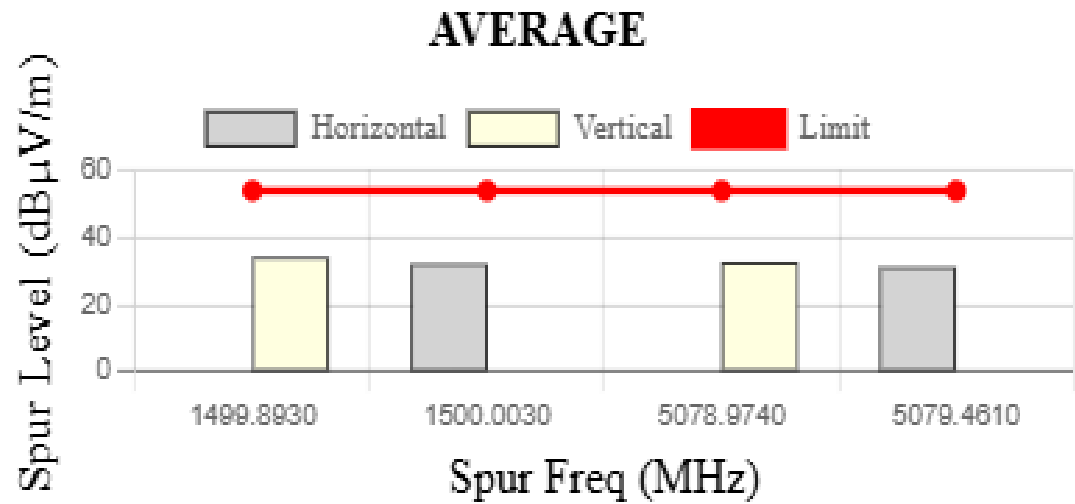
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5300.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	38.6219	24.84	40.00	15.16
Horizontal	Quasi-Peak	38.6429	18.65 *	40.00	21.35
Horizontal	Quasi-Peak	49.5264	19.72 *	40.00	20.28
Vertical	Quasi-Peak	49.6203	28.98	40.00	11.02
Vertical	Quasi-Peak	79.6072	31.14	40.00	8.86
Horizontal	Quasi-Peak	80.2606	33.19	40.00	6.81
Horizontal	Quasi-Peak	139.7542	31.53	43.50	11.97
Vertical	Quasi-Peak	140.3516	17.04 *	43.50	26.46
Horizontal	Quasi-Peak	250.0010	33.76	46.00	12.24
Vertical	Quasi-Peak	250.0050	27.35	46.00	18.65
Vertical	Quasi-Peak	501.6010	29.77	46.00	16.23
Horizontal	Quasi-Peak	501.6139	32.28	46.00	13.72
Horizontal	Peak	1499.9890	37.89 *	74.00	36.11
Horizontal	Average	1499.9890	31.82 *	54.00	22.18
Vertical	Peak	1500.0260	39.79 *	74.00	34.21
Vertical	Average	1500.0260	33.70 *	54.00	20.30

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

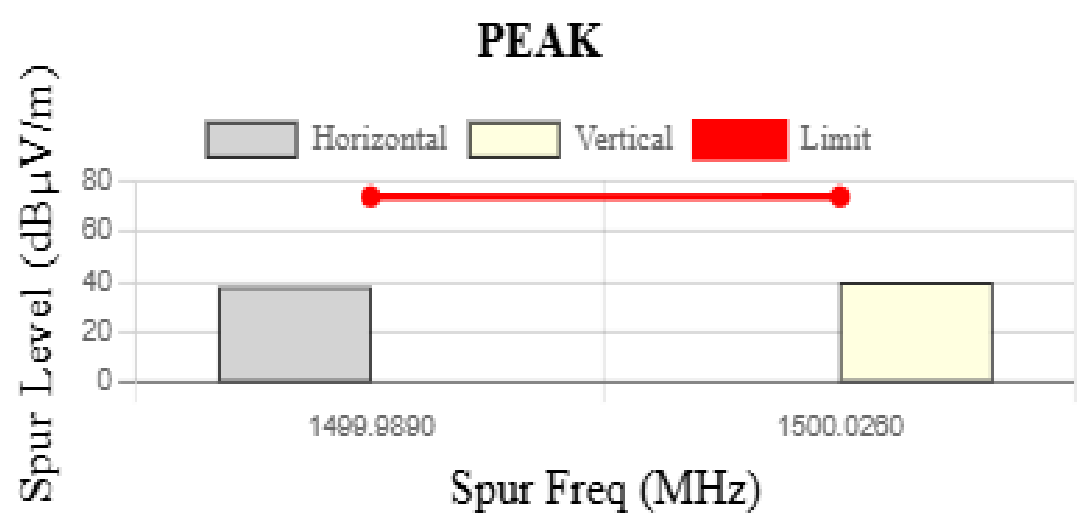
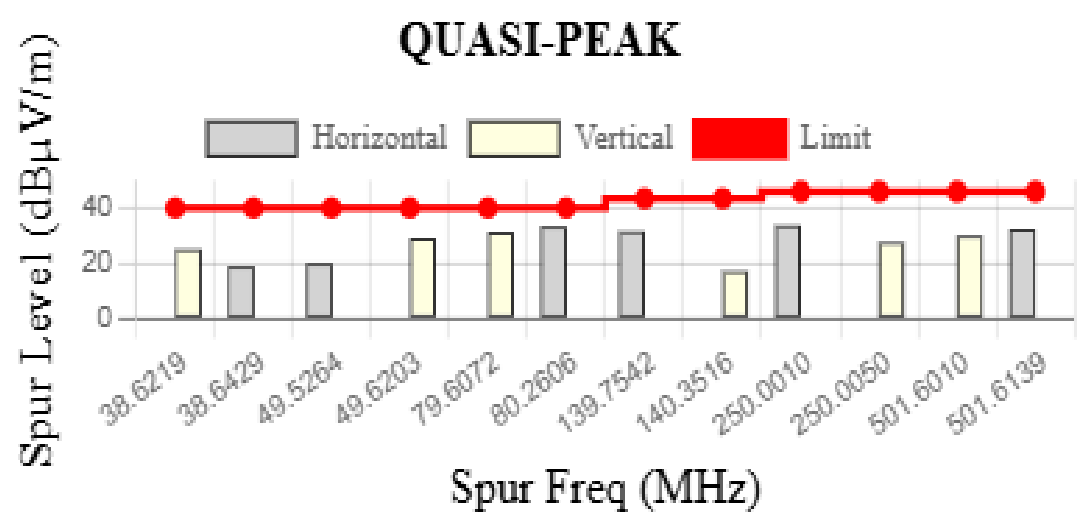
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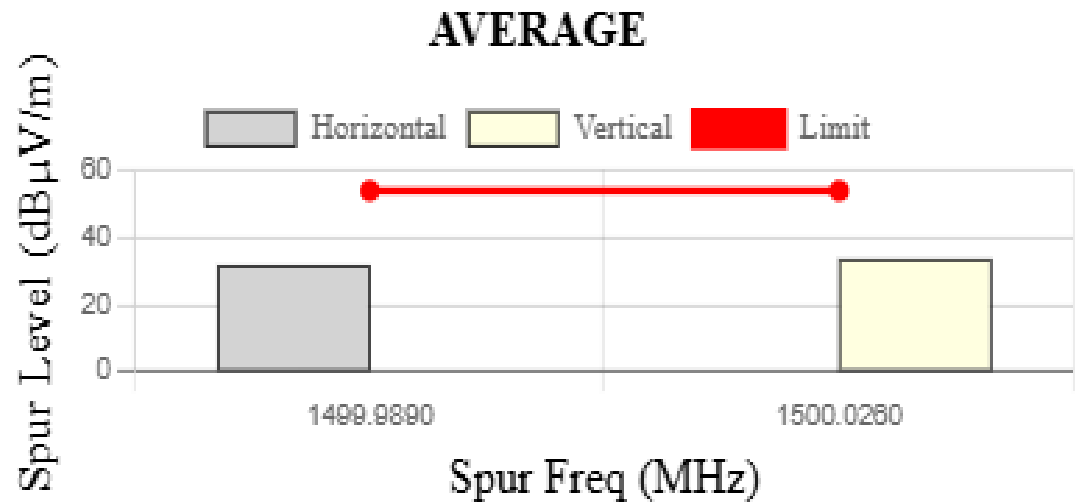
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5320.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	30.8463	23.51	40.00	16.49
Horizontal	Quasi-Peak	30.9232	20.26	40.00	19.74
Vertical	Quasi-Peak	48.7396	28.54	40.00	11.46
Horizontal	Quasi-Peak	48.7416	24.98	40.00	15.02
Vertical	Quasi-Peak	79.1594	28.91	40.00	11.09
Horizontal	Quasi-Peak	79.4741	32.33	40.00	7.67
Vertical	Quasi-Peak	139.9563	19.28 *	43.50	24.22
Horizontal	Quasi-Peak	140.2120	30.94	43.50	12.56
Vertical	Quasi-Peak	249.9950	26.71	46.00	19.29
Horizontal	Quasi-Peak	250.0010	33.72	46.00	12.28
Horizontal	Quasi-Peak	501.5950	33.44	46.00	12.56
Vertical	Quasi-Peak	501.5970	34.10	46.00	11.90
Horizontal	Peak	1500.1410	37.45 *	74.00	36.55
Horizontal	Average	1500.1410	26.47 *	54.00	27.53
Vertical	Peak	1500.2690	39.78 *	74.00	34.22
Vertical	Average	1500.2690	33.50 *	54.00	20.50

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

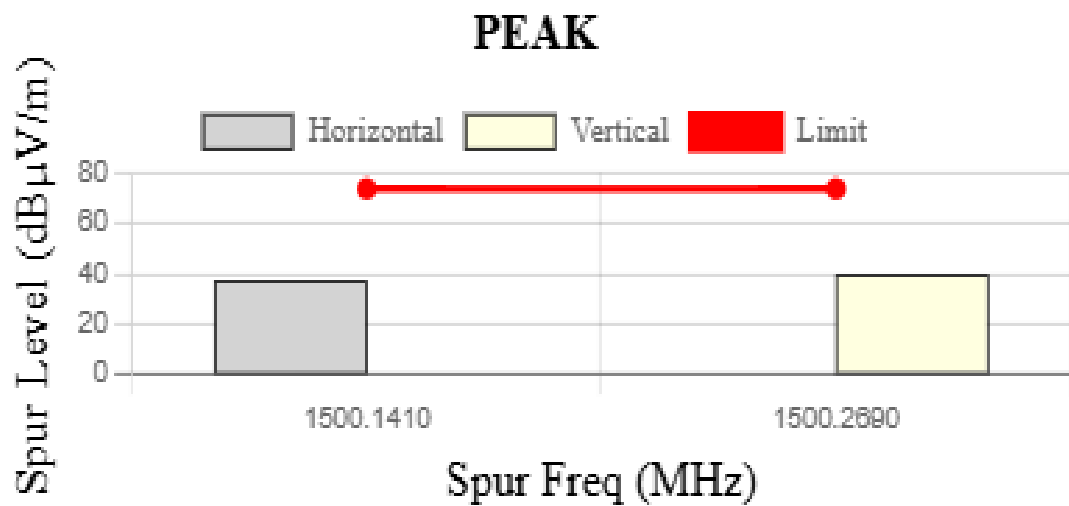
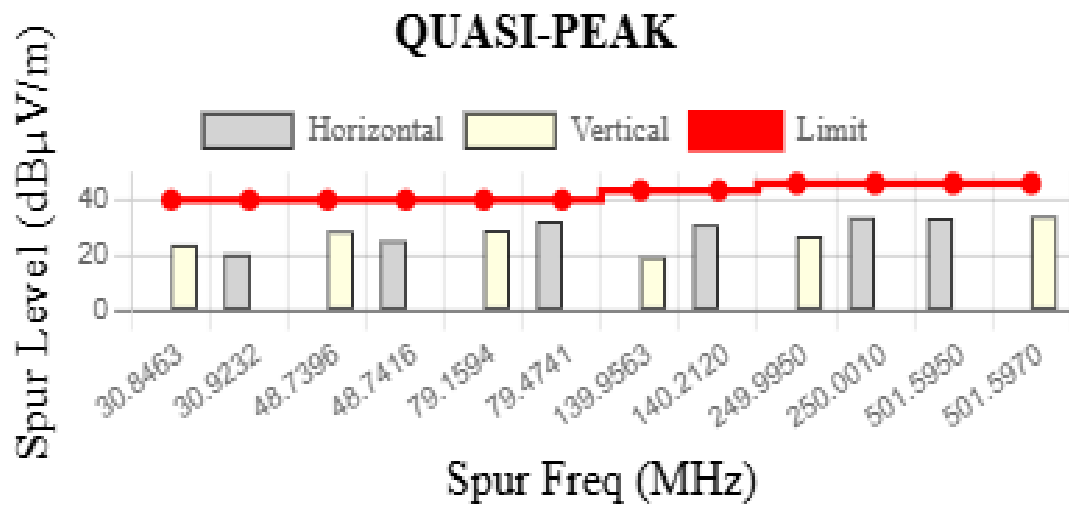
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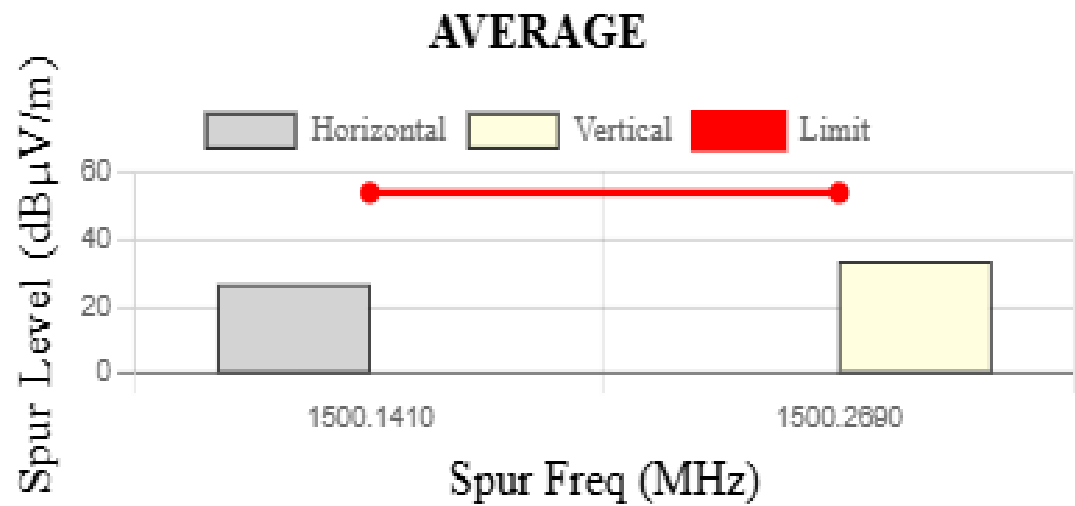
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

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- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5500.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	38.8836	22.15	40.00	17.85
Horizontal	Quasi-Peak	38.9575	17.56 *	40.00	22.44
Vertical	Quasi-Peak	49.0864	28.95	40.00	11.05
Horizontal	Quasi-Peak	49.3422	26.79	40.00	13.21
Vertical	Quasi-Peak	79.3694	33.49	40.00	6.51
Horizontal	Quasi-Peak	79.7360	33.00	40.00	7.00
Vertical	Quasi-Peak	141.4634	21.89 *	43.50	21.61
Horizontal	Quasi-Peak	141.8560	31.89	43.50	11.61
Horizontal	Quasi-Peak	249.9980	33.59	46.00	12.41
Vertical	Quasi-Peak	250.0090	27.23	46.00	18.77
Vertical	Quasi-Peak	501.5830	33.68	46.00	12.32
Horizontal	Quasi-Peak	501.5880	33.31	46.00	12.69
Horizontal	Peak	1499.9100	38.70 *	74.00	35.30
Horizontal	Average	1499.9100	32.86 *	54.00	21.14
Vertical	Peak	1500.1800	40.65 *	74.00	33.35
Vertical	Average	1500.1800	33.91 *	54.00	20.09

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

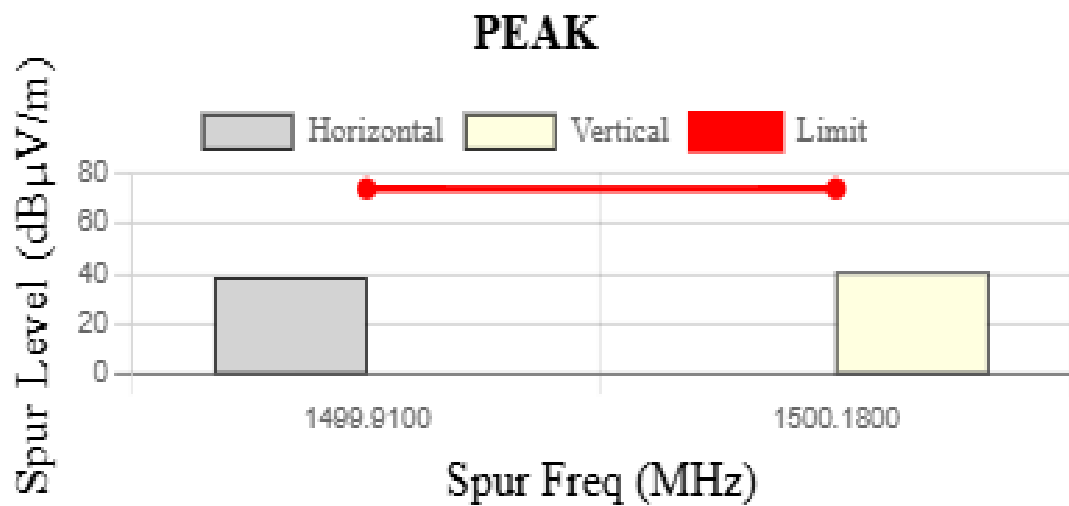
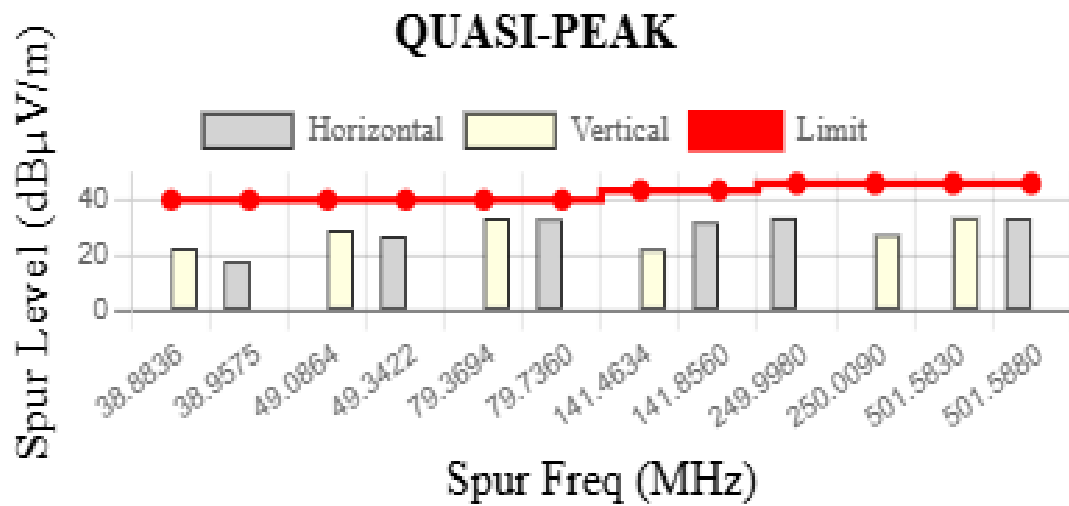
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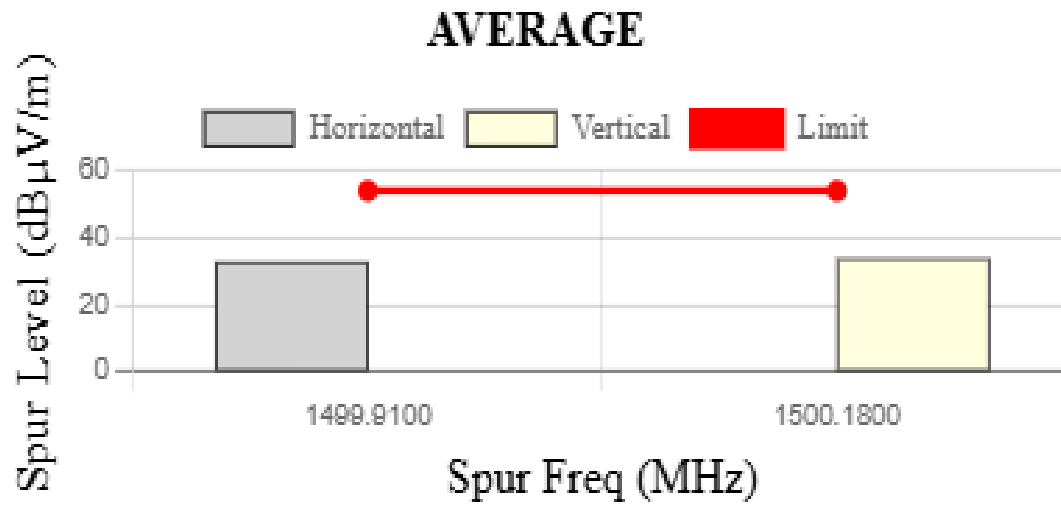
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5580.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	42.2786	20.81	40.00	19.19
Horizontal	Quasi-Peak	42.2906	17.00 *	40.00	23.00
Vertical	Quasi-Peak	49.1174	30.71	40.00	9.29
Horizontal	Quasi-Peak	49.8897	24.45	40.00	15.55
Vertical	Quasi-Peak	79.6984	33.20	40.00	6.80
Horizontal	Quasi-Peak	80.0651	30.74	40.00	9.26
Vertical	Quasi-Peak	141.8242	19.44 *	43.50	24.06
Horizontal	Quasi-Peak	142.3507	28.87	43.50	14.63
Vertical	Quasi-Peak	250.0050	26.99	46.00	19.01
Horizontal	Quasi-Peak	250.0249	33.39	46.00	12.61
Vertical	Quasi-Peak	501.5980	30.41	46.00	15.59
Horizontal	Quasi-Peak	501.6099	33.60	46.00	12.40
Horizontal	Peak	1500.1530	37.71 *	74.00	36.29
Horizontal	Average	1500.1530	31.30 *	54.00	22.70
Vertical	Peak	1500.2280	40.31 *	74.00	33.69
Vertical	Average	1500.2280	33.99 *	54.00	20.01
Vertical	Peak	4878.0440	47.72 *	74.00	26.28
Vertical	Average	4878.0440	34.54	54.00	19.46
Horizontal	Peak	4878.4200	45.56 *	74.00	28.44
Horizontal	Average	4878.4200	32.56 *	54.00	21.44

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

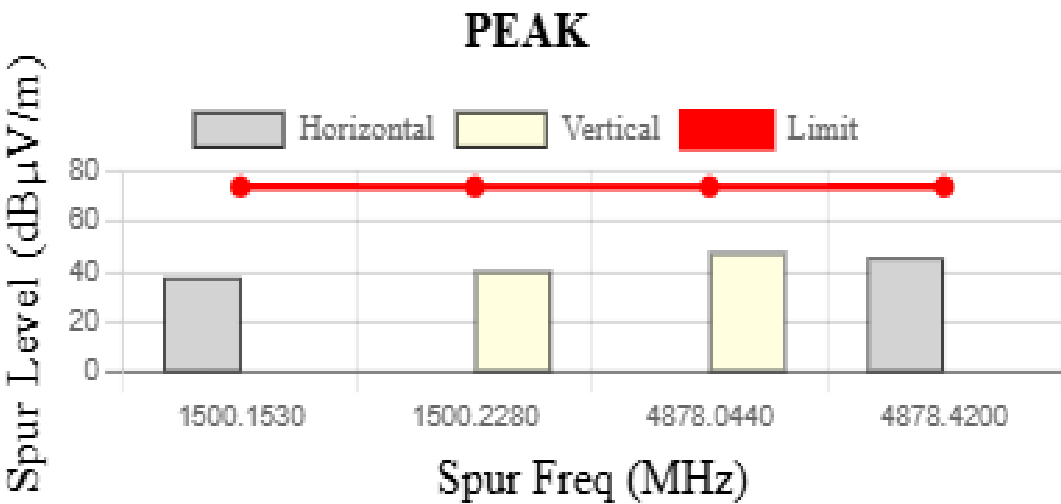
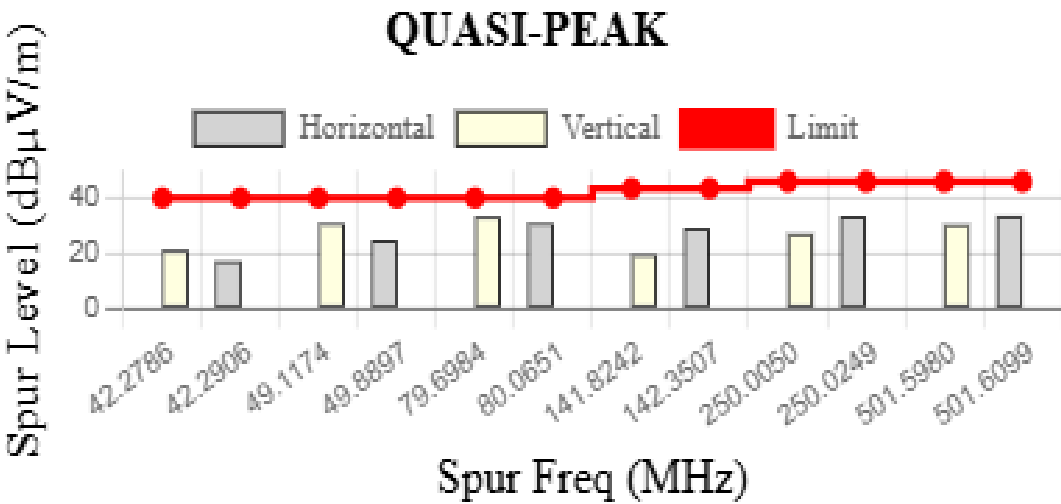
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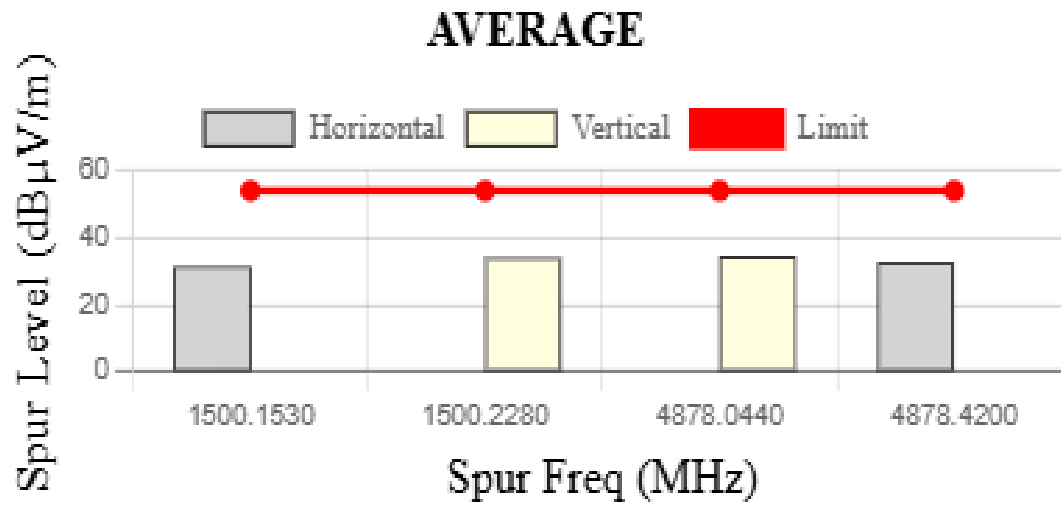
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5720.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	31.0154	20.26	40.00	19.74
Vertical	Quasi-Peak	31.3061	22.70	40.00	17.30
Vertical	Quasi-Peak	49.2584	23.30	40.00	16.70
Horizontal	Quasi-Peak	49.6320	23.34	40.00	16.66
Vertical	Quasi-Peak	81.3244	28.24	40.00	11.76
Horizontal	Quasi-Peak	81.7509	31.68	40.00	8.32
Horizontal	Quasi-Peak	139.9533	31.88	43.50	11.62
Vertical	Quasi-Peak	140.4538	20.66 *	43.50	22.84
Horizontal	Quasi-Peak	250.0020	33.47	46.00	12.53
Vertical	Quasi-Peak	250.0070	27.35	46.00	18.65
Horizontal	Quasi-Peak	501.6119	33.43	46.00	12.57
Vertical	Quasi-Peak	501.6269	33.06	46.00	12.94
Vertical	Peak	1499.9890	40.53 *	74.00	33.47
Vertical	Average	1499.9890	34.98	54.00	19.02
Horizontal	Peak	1499.9930	39.12 *	74.00	34.88
Horizontal	Average	1499.9930	33.13 *	54.00	20.87
Vertical	Peak	4291.8330	47.99 *	74.00	26.01
Vertical	Average	4291.8330	35.96	54.00	18.04
Horizontal	Peak	4292.2710	49.23 *	74.00	24.77
Horizontal	Average	4292.2710	36.82	54.00	17.18

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

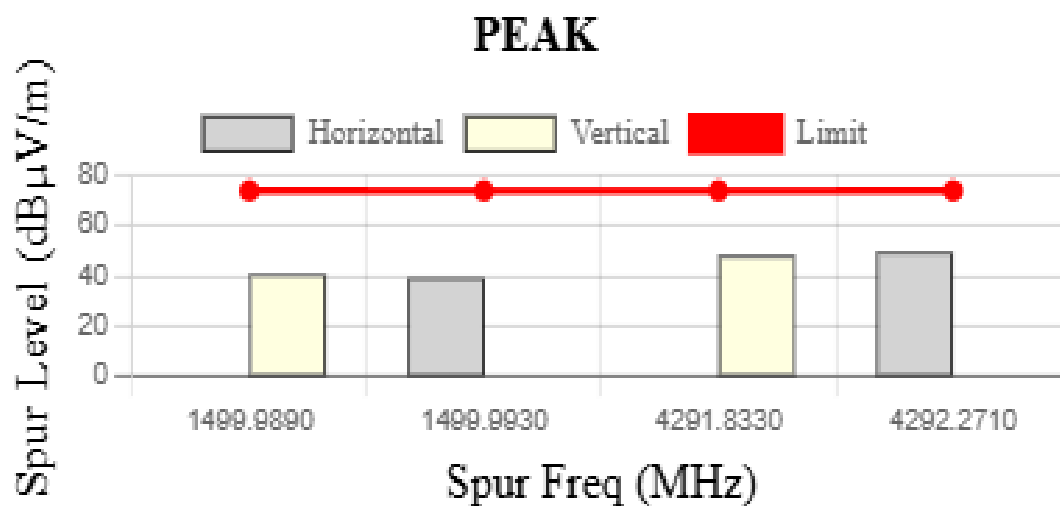
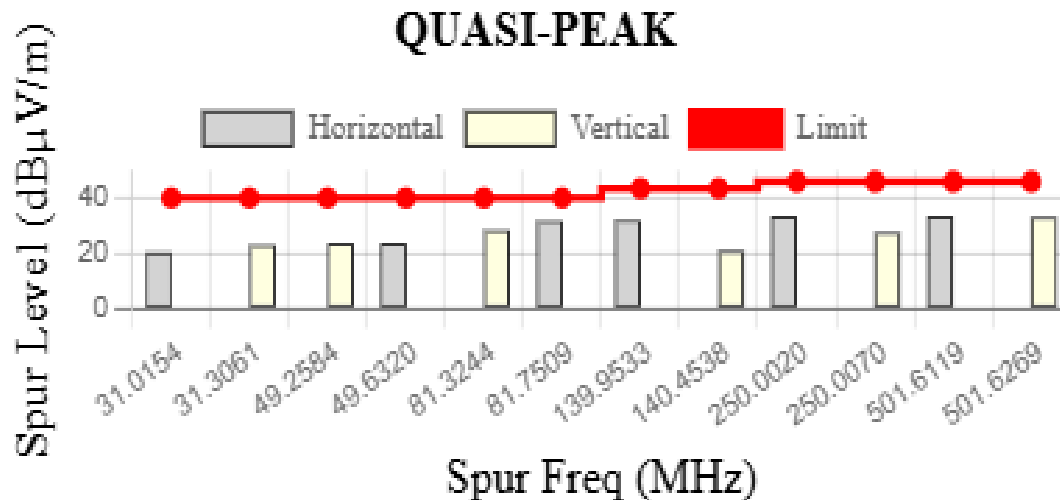
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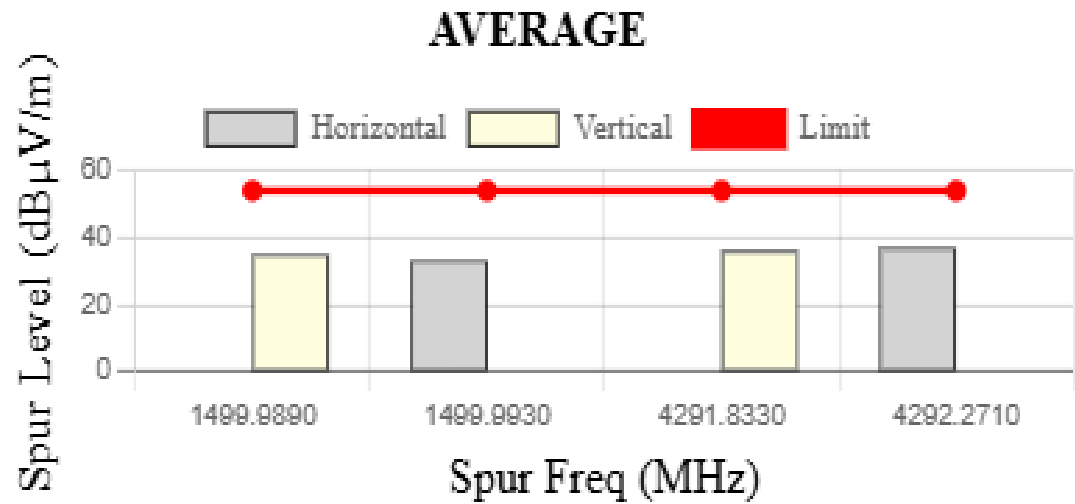
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5745.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Vertical	Quasi-Peak	31.5202	23.98	40.00	16.02
Horizontal	Quasi-Peak	32.0816	20.23	40.00	19.77
Vertical	Quasi-Peak	49.3444	32.86	40.00	7.14
Horizontal	Quasi-Peak	49.4623	26.04	40.00	13.96
Horizontal	Quasi-Peak	79.3019	33.65	40.00	6.35
Vertical	Quasi-Peak	79.5916	32.21	40.00	7.79
Horizontal	Quasi-Peak	142.3558	31.29	43.50	12.21
Vertical	Quasi-Peak	142.4228	20.72 *	43.50	22.78
Vertical	Quasi-Peak	250.0020	27.59	46.00	18.41
Horizontal	Quasi-Peak	250.0040	33.68	46.00	12.32
Vertical	Quasi-Peak	501.6020	34.30	46.00	11.70
Horizontal	Quasi-Peak	501.6020	33.15	46.00	12.85
Vertical	Peak	1500.0850	39.82 *	74.00	34.18
Vertical	Average	1500.0850	34.55	54.00	19.45
Horizontal	Peak	1500.1710	38.59 *	74.00	35.41
Horizontal	Average	1500.1710	30.49 *	54.00	23.51
Vertical	Peak	4880.6410	48.40 *	74.00	25.60
Vertical	Average	4880.6410	34.04	54.00	19.96
Horizontal	Peak	4880.7650	45.26 *	74.00	28.74
Horizontal	Average	4880.7650	32.44 *	54.00	21.56
Horizontal	Peak	5588.7360	45.68 *	68.20	22.52
Vertical	Peak	5588.8570	51.44	68.20	16.76

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

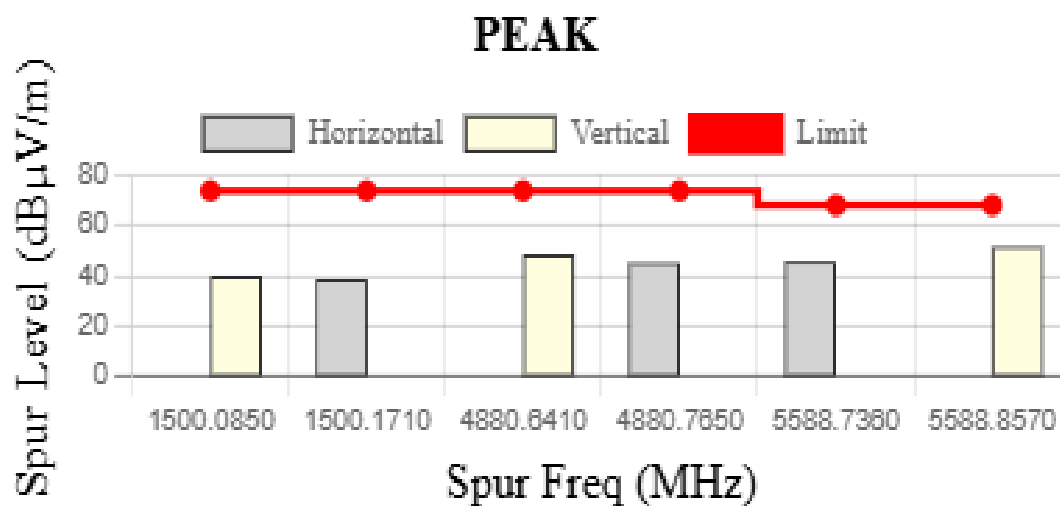
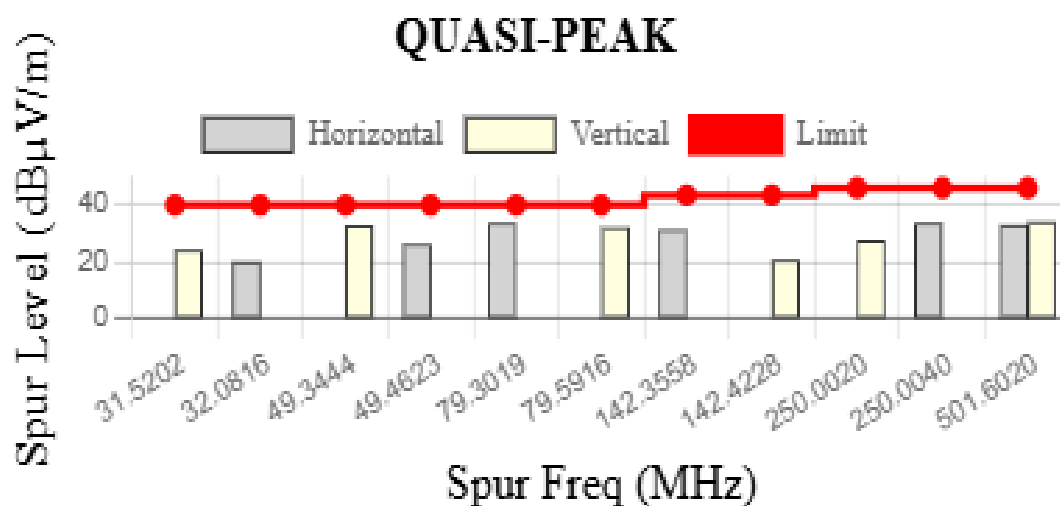
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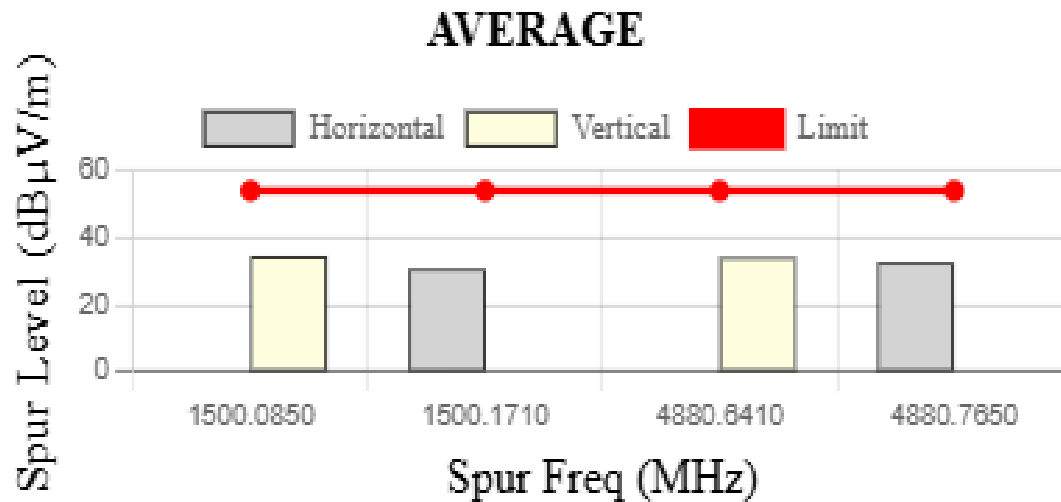
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5785.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Horizontal	Quasi-Peak	48.6609	20.44	40.00	19.56
Vertical	Quasi-Peak	48.6629	23.98	40.00	16.02
Vertical	Quasi-Peak	81.3459	27.16	40.00	12.84
Horizontal	Quasi-Peak	81.6436	32.40	40.00	7.60
Horizontal	Quasi-Peak	100.7324	29.55	43.50	13.95
Vertical	Quasi-Peak	101.1709	26.82	43.50	16.68
Vertical	Quasi-Peak	143.5412	25.35	43.50	18.15
Horizontal	Quasi-Peak	143.6231	31.00	43.50	12.50
Vertical	Quasi-Peak	143.9834	26.06	43.50	17.44
Horizontal	Quasi-Peak	144.7776	30.23	43.50	13.27
Horizontal	Quasi-Peak	501.5920	31.15	46.00	14.85
Vertical	Quasi-Peak	501.6090	32.47	46.00	13.53
Vertical	Peak	1499.8800	40.04 *	74.00	33.96
Vertical	Average	1499.8800	35.11	54.00	18.89
Horizontal	Peak	1500.2620	38.63 *	74.00	35.37
Horizontal	Average	1500.2620	32.90 *	54.00	21.10
Vertical	Peak	4335.6620	47.36 *	74.00	26.64
Vertical	Average	4335.6620	33.56 *	54.00	20.44
Horizontal	Peak	4335.9790	47.03 *	74.00	26.97
Horizontal	Average	4335.9790	34.87	54.00	19.13
Vertical	Peak	5630.8040	48.73	68.20	19.47
Horizontal	Peak	5630.8270	46.39 *	68.20	21.81
Horizontal	Peak	17355.1900	59.70	68.20	8.50
Vertical	Peak	17355.2000	57.11	68.20	11.09

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

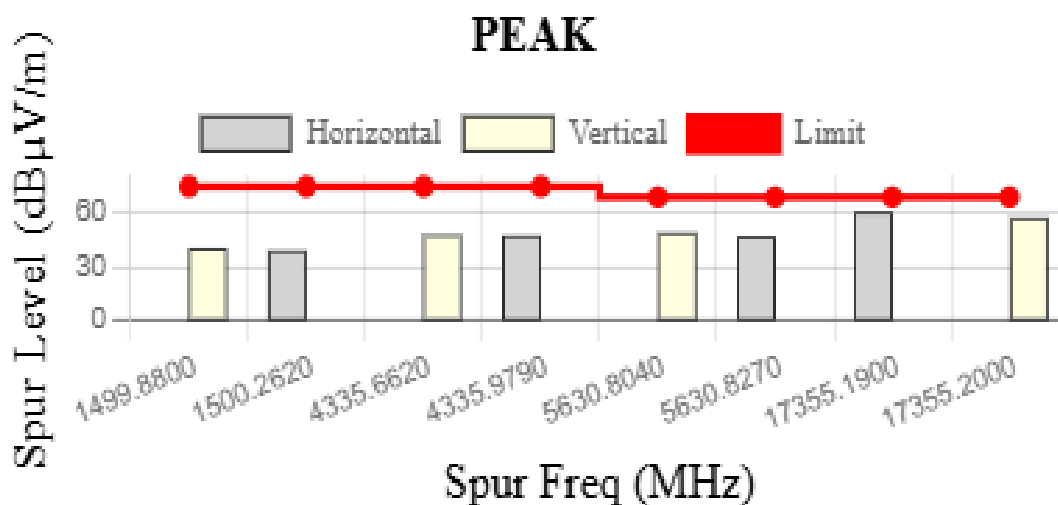
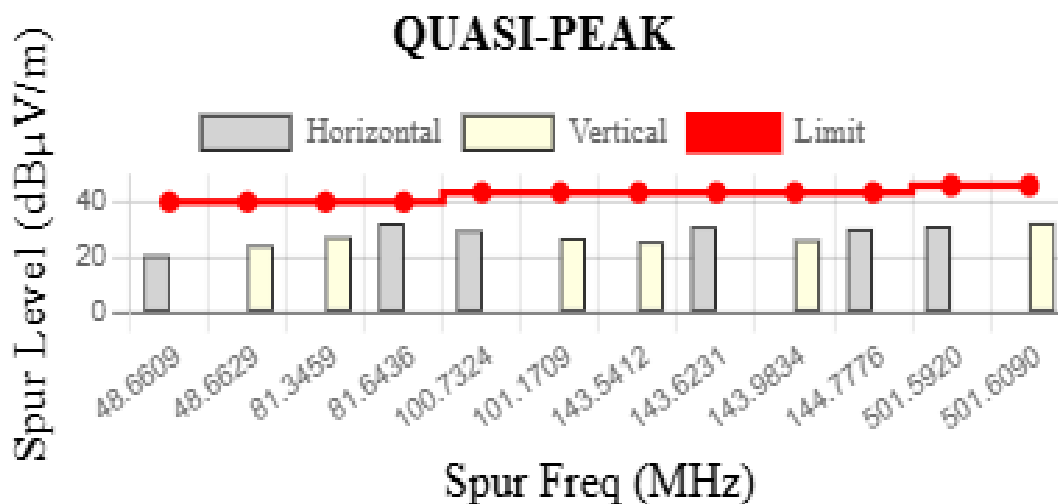
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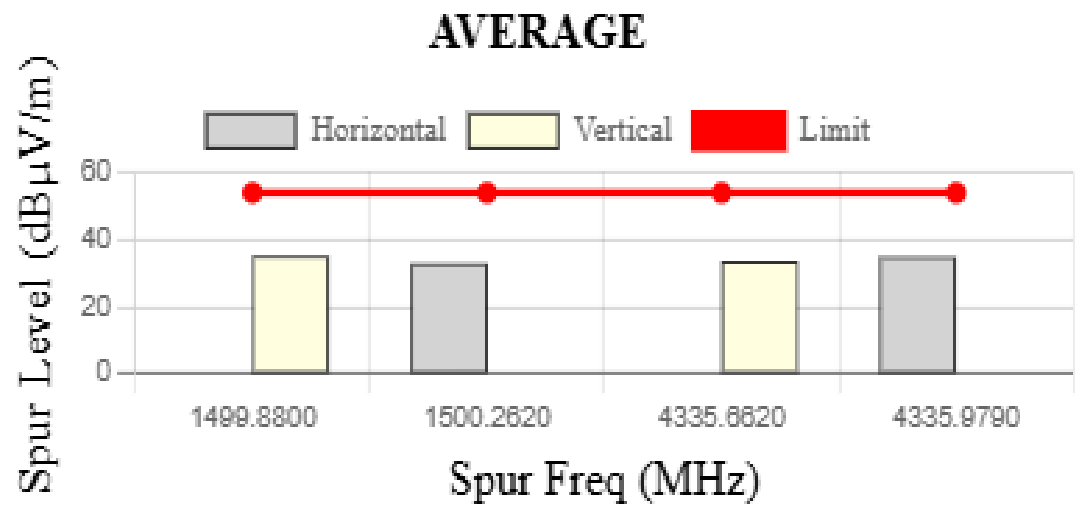
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1467N00-EMC-00044

FCC ID :	AZ492FT7189	IC :	109U-92FT7189
Model No :	AAM29JNN9YA1AN	Serial No :	008TCF1512
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A, PMLN8805A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5825.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	38.6872	19.15 *	40.00	20.85
Vertical	Quasi-Peak	38.9010	26.28	40.00	13.72
Vertical	Quasi-Peak	48.3779	28.01	40.00	11.99
Horizontal	Quasi-Peak	48.6347	24.72	40.00	15.28
Vertical	Quasi-Peak	79.3433	30.92	40.00	9.08
Horizontal	Quasi-Peak	79.5971	33.70	40.00	6.30
Horizontal	Quasi-Peak	101.8195	30.43	43.50	13.07
Vertical	Quasi-Peak	101.8435	26.58	43.50	16.92
Vertical	Quasi-Peak	143.5275	25.43	43.50	18.07
Horizontal	Quasi-Peak	144.0619	31.87	43.50	11.63
Horizontal	Quasi-Peak	501.5700	27.66	46.00	18.34
Vertical	Quasi-Peak	501.6000	32.59	46.00	13.41
Horizontal	Peak	1500.0700	37.41 *	74.00	36.59
Horizontal	Average	1500.0700	30.80 *	54.00	23.20
Vertical	Peak	1500.1560	39.79 *	74.00	34.21
Vertical	Average	1500.1560	33.60 *	54.00	20.40
Horizontal	Peak	3384.0890	41.63 *	68.20	26.57
Vertical	Peak	3384.1360	41.79 *	68.20	26.41
Vertical	Peak	4371.7800	52.05 *	74.00	21.95
Vertical	Average	4371.7800	40.17	54.00	13.83
Horizontal	Peak	4371.9020	51.24 *	74.00	22.76
Horizontal	Average	4371.9020	38.13	54.00	15.87
Horizontal	Peak	5634.4790	45.52 *	68.20	22.68
Vertical	Peak	5634.9450	49.45	68.20	18.75
Vertical	Peak	17474.7300	56.61	68.20	11.59
Horizontal	Peak	17475.4000	59.19	68.20	9.01

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 17 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

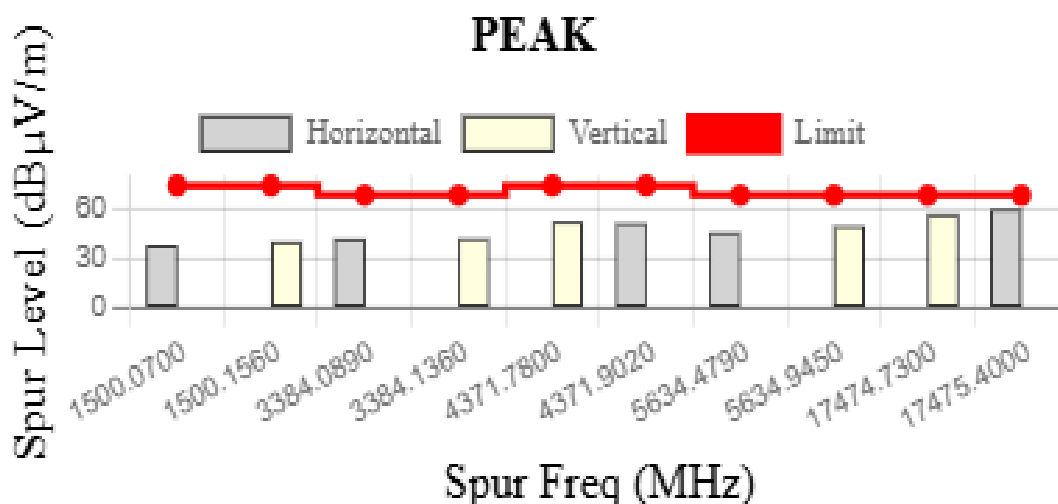
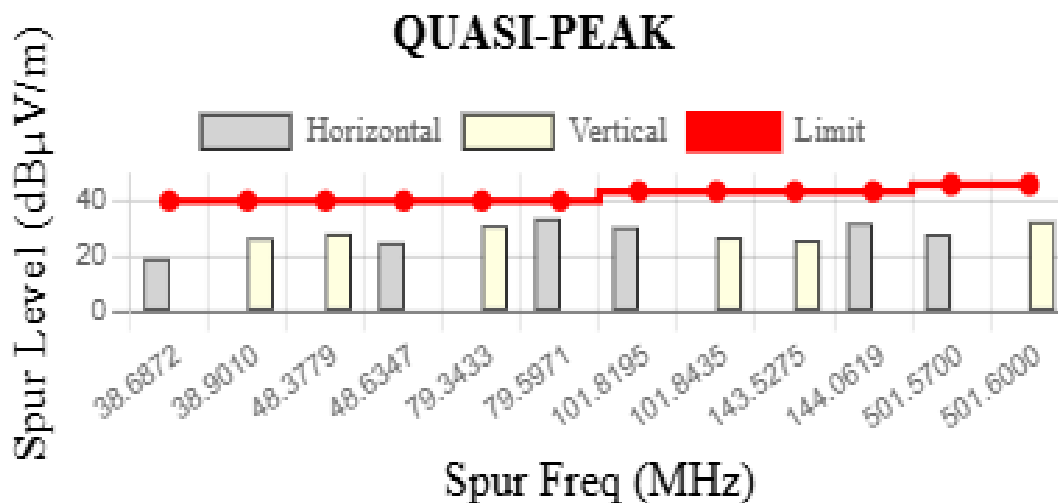
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

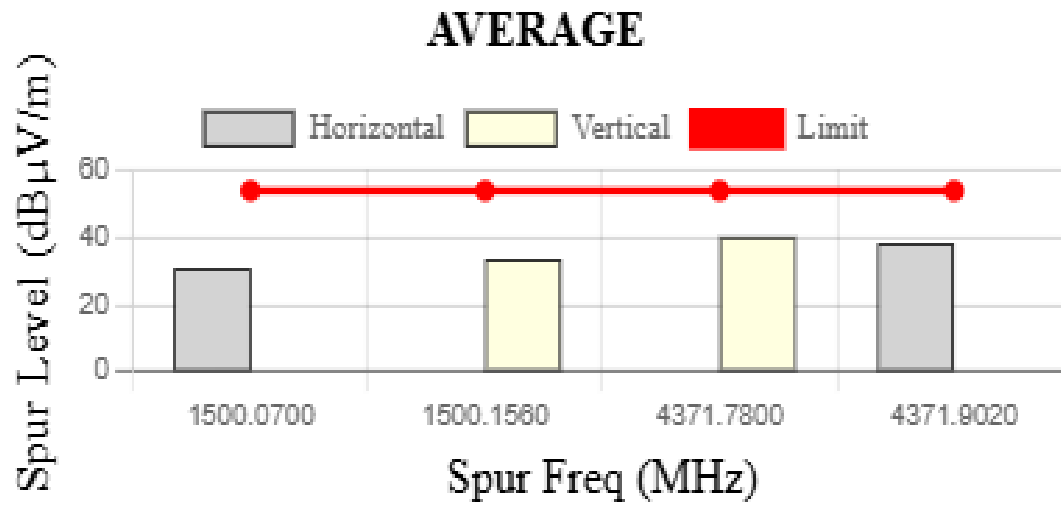
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

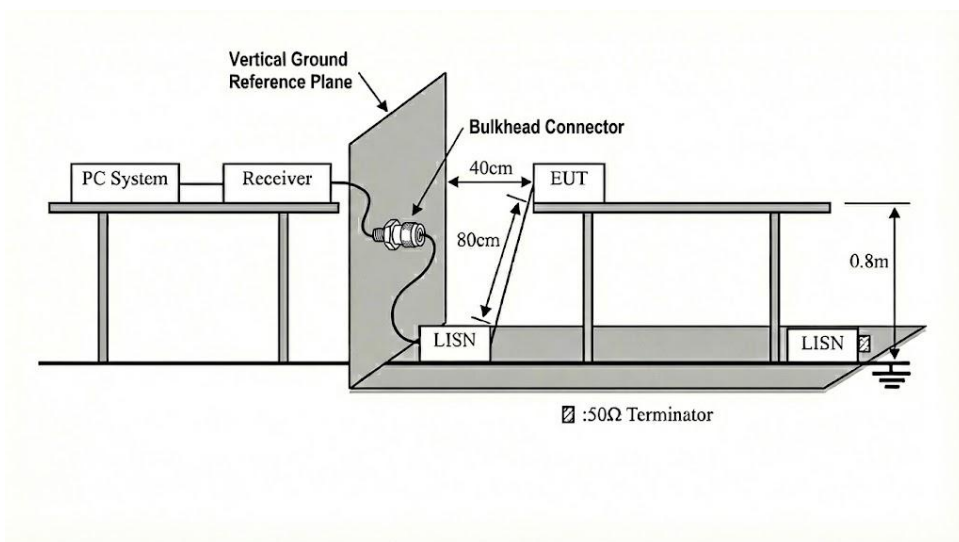
2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





7.7. AC Powerline Conducted Emission

7.7.1. Test Setup



- 1) Tests were conducted for both Receive and Transmit Mode of the EUT.
- 2) The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN) and connected to test receiver. All other EUT support units power cords were connected to the power mains through another LISN terminated with 50 ohm loads.
- 3) Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- 4) The frequency range from 150 kHz to 30MHz was measured.

7.7.2. Test Limits

For AC Power Line Conducted Test Limit can be Class A or B depends on product classification.

**Limits for conducted disturbance at the mains ports
of class A ITE**

Frequency range MHz	Limits dB(μV)	
	Quasi-peak	Average
0,15 to 0,50	79	66
0,50 to 30	73	60
NOTE The lower limit shall apply at the transition frequency.		

Table 1: Limits for Conducted Disturbance at the Mains Ports of Class A ITE.

**Limits for conducted disturbance at the mains ports
of class B ITE**

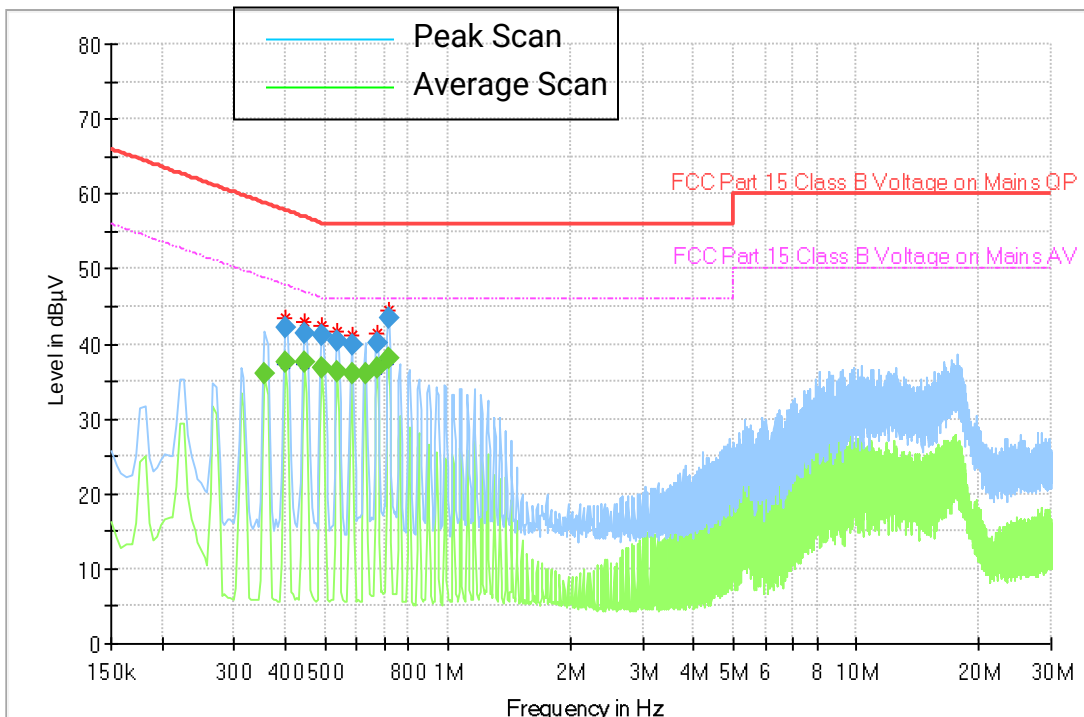
Frequency range MHz	Limits dB(μ V)	
	Quasi-peak	Average
0,15 to 0,50	66 to 56	56 to 46
0,50 to 5	56	46
5 to 30	60	50
NOTE 1 The lower limit shall apply at the transition frequencies.		
NOTE 2 The limit decreases linearly with the logarithm of the frequency in the range 0,15 MHz to 0,50 MHz.		

Table 2: Limits for Conducted Disturbance at the Mains Ports of Class B ITE

7.7.3. Test Data

PSU + Radio Transmit (WIFI 5GHz TX CH: 5720, MOD: 802.11a)

Full Spectrum



QuasiPeak and Average Measurement

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.357000	---	36.03	48.80	12.77	N	ON	10.0
0.402000	42.14	---	57.81	15.67	N	ON	10.0
0.402000	---	37.55	47.81	10.26	N	ON	10.0
0.447000	---	37.48	46.93	9.45	N	ON	10.0
0.447000	41.51	---	56.93	15.42	N	ON	10.0
0.492000	---	36.84	46.13	9.29	N	ON	10.0
0.492000	41.10	---	56.13	15.04	N	ON	10.0
0.537000	---	36.29	46.00	9.71	N	ON	10.0
0.537000	40.37	---	56.00	15.63	N	ON	10.0
0.582000	---	36.07	46.00	9.93	L1	ON	10.0
0.582000	39.75	---	56.00	16.25	L1	ON	10.0
0.627000	---	36.13	46.00	9.87	L1	ON	10.0
0.672000	40.11	---	56.00	15.89	L1	ON	9.9
0.672000	---	36.78	46.00	9.22	L1	ON	9.9
0.717000	---	37.98	46.00	8.02	N	ON	9.9
0.717000	43.42	---	56.00	12.58	N	ON	9.9

END OF TEST REPORT