

 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.B																																
<table><tr><td>Date/s Tested</td><td>: 30-March-2026 - 10-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>: AAM29JQN9YA1AN (IC Model: PMUD2950AB)</td></tr><tr><td>Frequency Band</td><td>: 5180-5825 MHz</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>IC RSS 247 Issue 4</td><td></td></tr></table>		Date/s Tested	: 30-March-2026 - 10-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)	: AAM29JQN9YA1AN (IC Model: PMUD2950AB)	Frequency Band	: 5180-5825 MHz	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		IC RSS 247 Issue 4	
Date/s Tested	: 30-March-2026 - 10-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)	: AAM29JQN9YA1AN (IC Model: PMUD2950AB)																																
Frequency Band	: 5180-5825 MHz																																
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																																	
IC RSS 247 Issue 4																																	
This report shall not be reproduced without written approval from an officially designated representative of the Motorola Penang Adv. Comm. Laboratory. The results and statements contained in this report pertain only to the device(s) evaluated.																																	
Prepared By:  SITI NURHIDAYATI BINTI ABDUL HALIM Technician	Approved Signatory:  VINCENT FOONG CHUEN KIT Responsible Engineer																																

Table of Contents

1.0. Summary of Test Results	3
2.0. Measurement Uncertainty.....	4
3.0. Equipment List.....	5
4.0. General Information	6
5.0. Test Mode Applicability and Test Channel Detail.....	8
6.0. Duty Cycle of Test Signal	11
6.0.1. Test Setup.....	11
6.0.2. Test Data.....	11
7.0. Transmitter Test Parameters	13
7.1. Bandwidth measurements.....	13
7.1.1. Test Setup.....	13
7.1.2. Test Limits	13
7.1.3. Test Data.....	14
7.2. Maximum Conducted Output Power	22
7.2.1. Test Setup.....	22
7.2.2. Test Limits	23
7.2.3. Additional Info	24
7.2.4. Test Data.....	24
7.3. Maximum Power Spectral Density.....	41
7.3.1. Test Setup.....	41
7.3.2. Test Limits	42
7.3.3. Additional Info	42
7.3.4. Test Data.....	43
7.4. 6dB Bandwidth.....	55
7.4.1. Test Setup.....	55
7.4.2. Test Limits	55
7.4.3. Test Data.....	56
7.5. Band Edge Radiated Spurious Emission Measurement	60
7.5.1. Test Setup.....	60
7.5.2. Test Limits	61
7.5.3. Test Result.....	63
7.6. Radiated Spurious Emission Measurement	98
7.6.1. Test Setup.....	98
7.6.2. Test Limits	99
7.6.3. Test Data.....	101
7.7. AC Powerline Conducted Emission	167
7.7.1. Test Setup.....	167
7.7.2. Test Limits	167
7.7.3. Test Data.....	169

Revision History	Description	Date	Originator
Rev. A	Initial Report	17-May-2026	Hidayati
Rev. B	Added IC model in HVIN	25-June-2026	Vincent

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: 13.557dBm (22.683 mW) 802.11n20/ac20:12.423 dBm (17.470 mW)	008TCF0113	Hidayati
15.407(a) (1/2/3)	RSS 247 6.2	Maximum Power Spectral Density	Pass	Meet the requirement limits.	008TCF0113	Hidayati
15.407 (e)	RSS 247 6.2.4	6dB Bandwidth	Pass	a20: 16.831MHz (16M8D1D) n20/ac20: 17.742MHz (17M7D1D)	008TCF0113	Hidayati
15.407 (g)	RSS Gen 6.11	Frequency Stability	Pass	Meet the requirement limits.	008TCF0113	Hidayati
15.407 (b) (1/2/3/4/6)	RSS 247 6.2	Band Edge Radiated Spurious Emission Measurement	Pass	Worst case emission: 62.07 dBμV/m (PK) (Margin: 6.13 dB)	008TCF1353	Nazrin & Rezza
15.407 (b) (1/2/3/4/6)	RSS 247 6.2	Radiated Spurious Emission Measurement	Pass	Worst case emission: 32.69 dBuV/m (QP) (Margin: 7.31 dB)	008TCF1353	Nazrin & Rezza
15.207 15.407 (b)(6)	RSS Gen 8.8	AC Powerline Conducted Emission	Pass	Meet the requirement limits.	008TCF1353	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_v3.2.2)

Description	Model	Serial Number	Calibration Date	Calibration Due Date
POWER SUPPLY	6652A	3541A02371	3-Sep-25	3-Sep-26
SPECTRUM ANALYZER	E4440A	MY46186938	13-Nov-25	13-Nov-26
CHAMBER	SH-641	92003820	09-Jul-25	09-Jul-26

Radiated Emission Station (SW Version: EMC FCC IC 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 Powerline Station (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	13.6 Vdc
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, VHT20)

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 2, 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/Rezza
RE<1G	23.6°C, 68.9% RH	120V AC	Nazrin/Rezza
PLC	19.2°C, 55.4% RH	120V AC	Helmy
APCM	25°C, 50% RH	13.6V DC	Hidayati

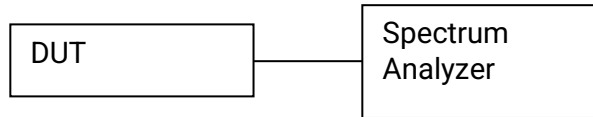
Duty Cycle of Test Signal

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

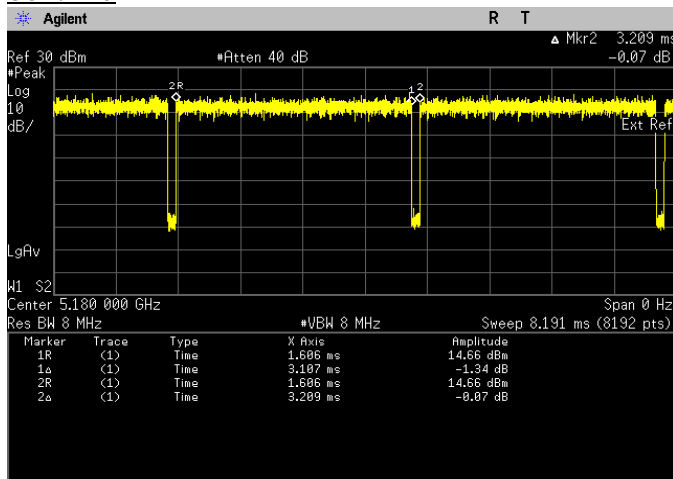
6.0.1. Test Setup



- 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

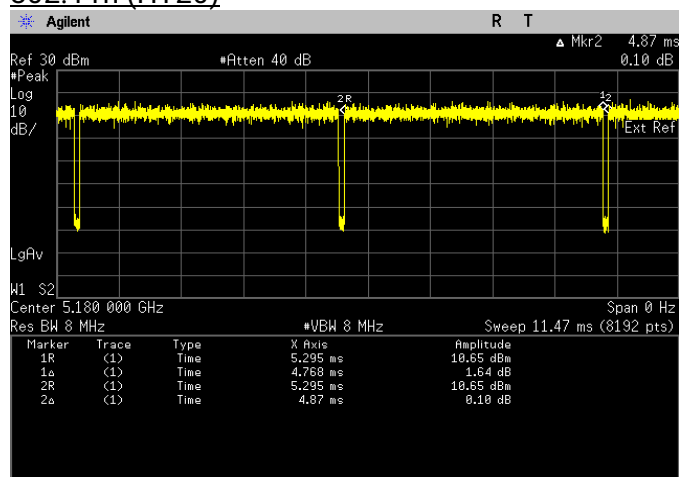


On time	3.107	ms
On + off time	3.209	ms
Duty Cycle	0.9682	
Duty Cycle Factor	0.140	

*Duty cycle = On time/ On +off time

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

802.11n (HT20)



On time	4.768	ms
On + off time	4.870	ms
Duty Cycle	0.9791	
Duty Cycle Factor	0.092	

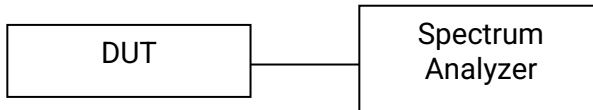
*Duty cycle = On time/ On +off time

*Duty Cycle factor = 10*log (1/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

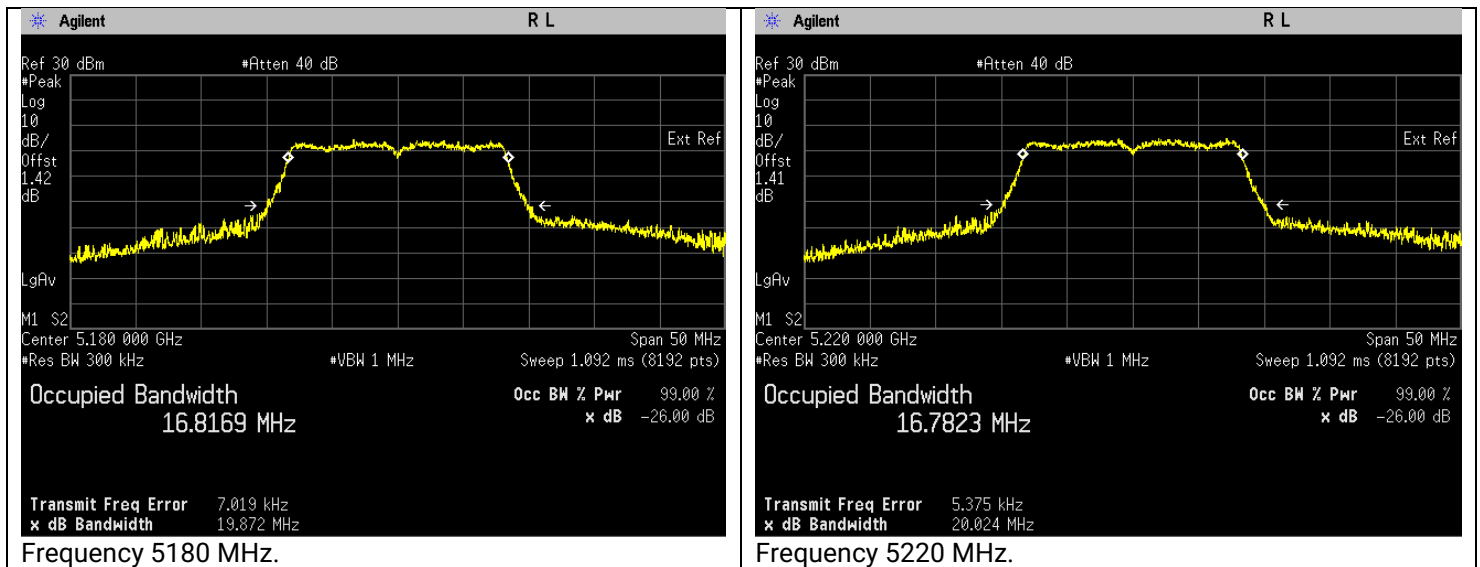
Not applicable.

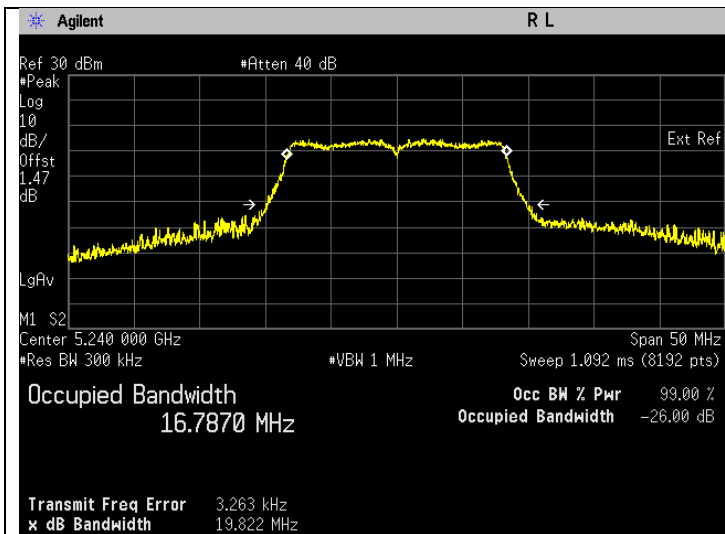
7.1.3. Test Data

802.11a

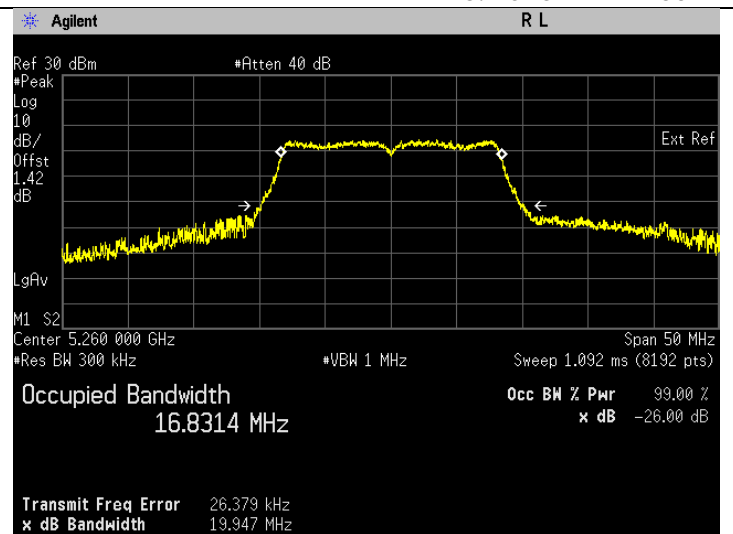
Frequency (MHz)	Test Configuration	Results			
		26 dB Bandwidth (MHz)	Status	99% Bandwidth (MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.872	Pass	16.817	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.024	Pass	16.782	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.822	Pass	16.787	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.947	Pass	16.831	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.905	Pass	16.768	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.963	Pass	16.774	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.113	Pass	16.746	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.940	Pass	16.763	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.081	Pass	16.774	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6, UNII-2C	15.172	Pass	13.418	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6, UNII-3	5.172	Pass	3.418	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.920	Pass	16.787	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.952	Pass	16.779	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.321	Pass	16.794	Pass

26 dB Bandwidth/ 99% Bandwidth

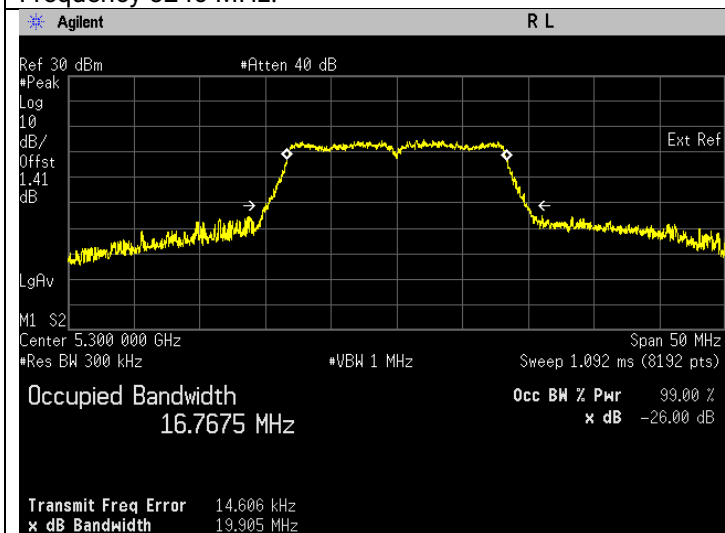




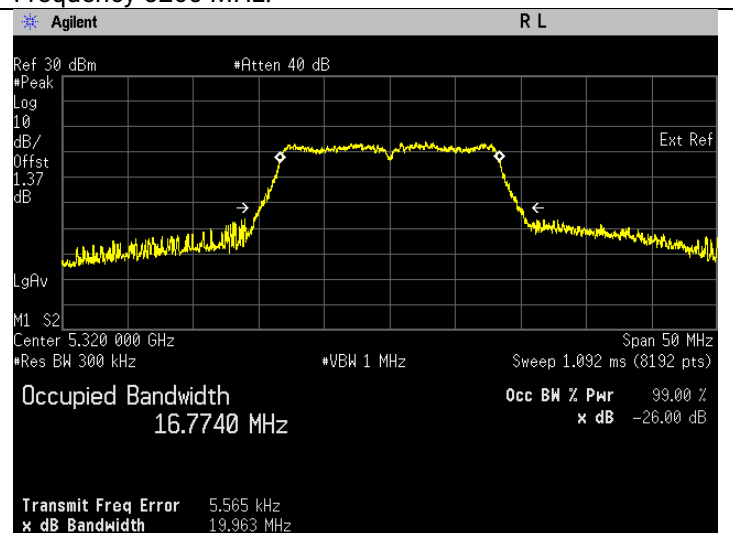
Frequency 5240 MHz.



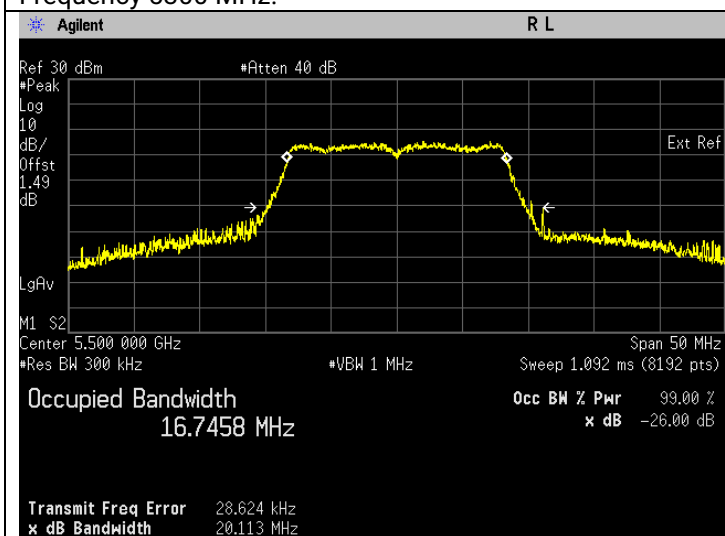
Frequency 5260 MHz.



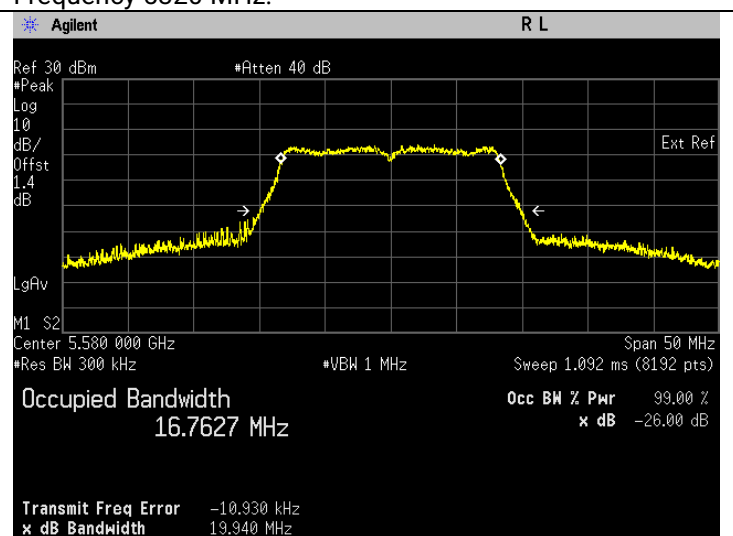
Frequency 5300 MHz.



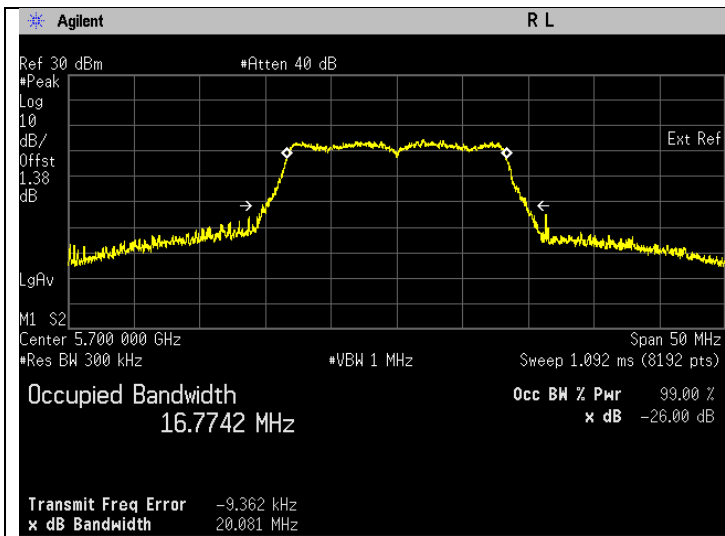
Frequency 5320 MHz.



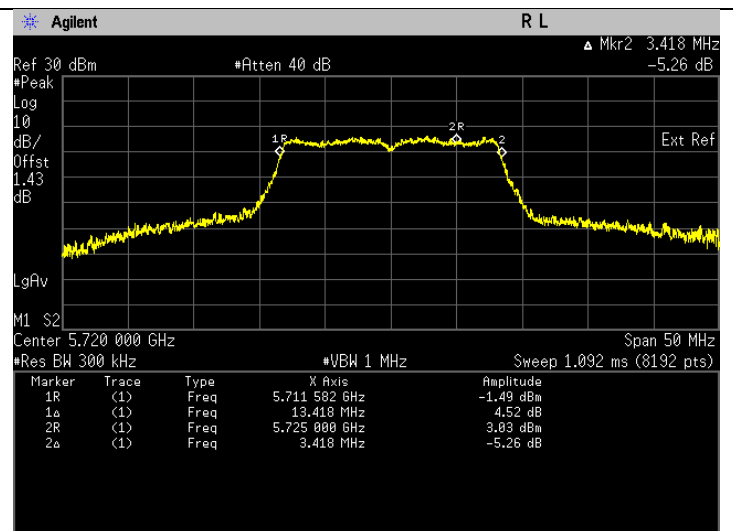
Frequency 5500 MHz.



Frequency 5580 MHz.

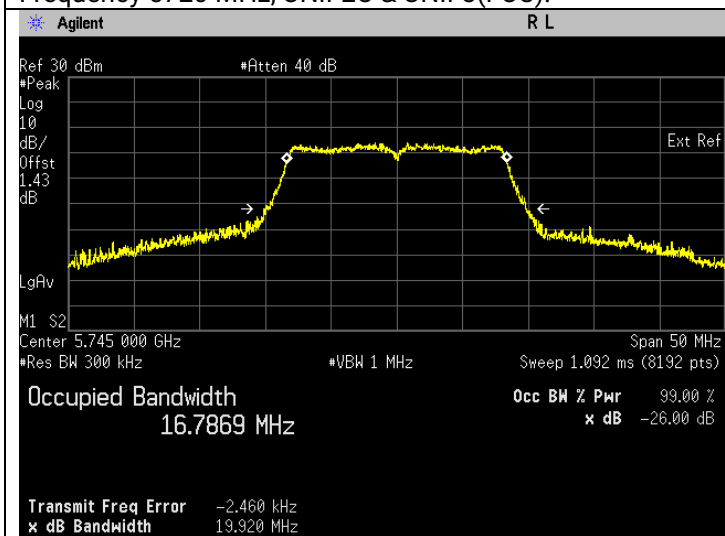


Frequency 5700 MHz.

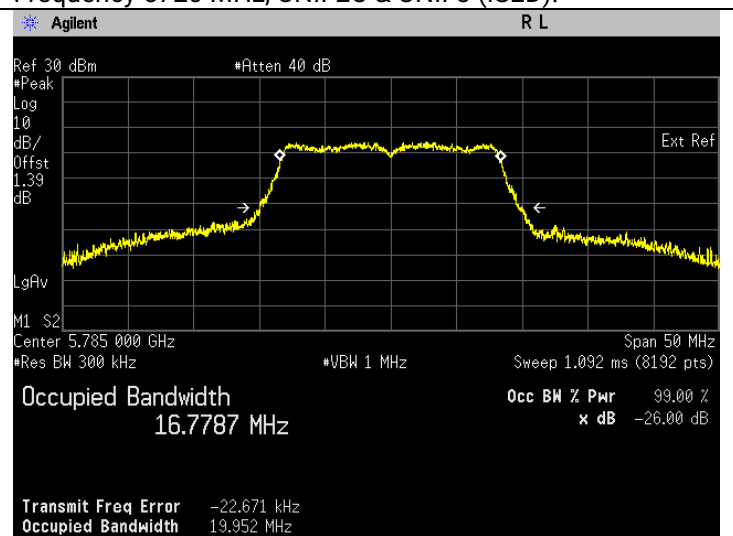


Frequency 5720 MHz, UNII-2C & UNII-3(FCC).

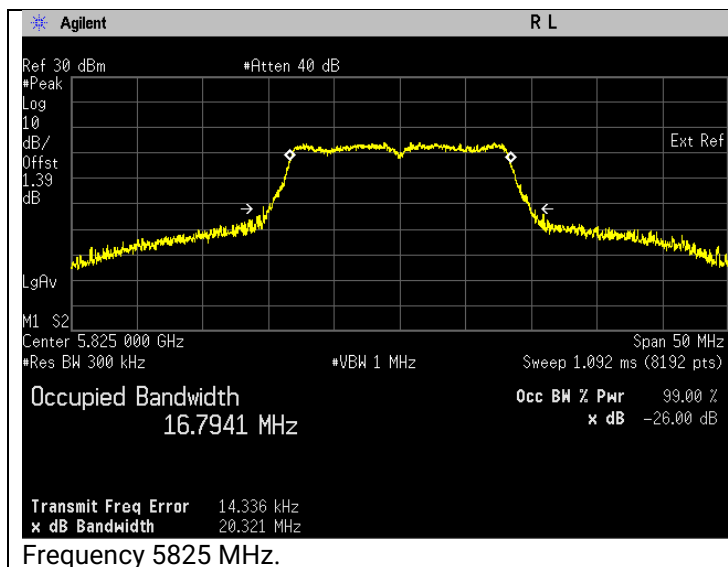
Frequency 5720 MHz, UNII-2C & UNII-3 (ISD).



Frequency 5745 MHz.



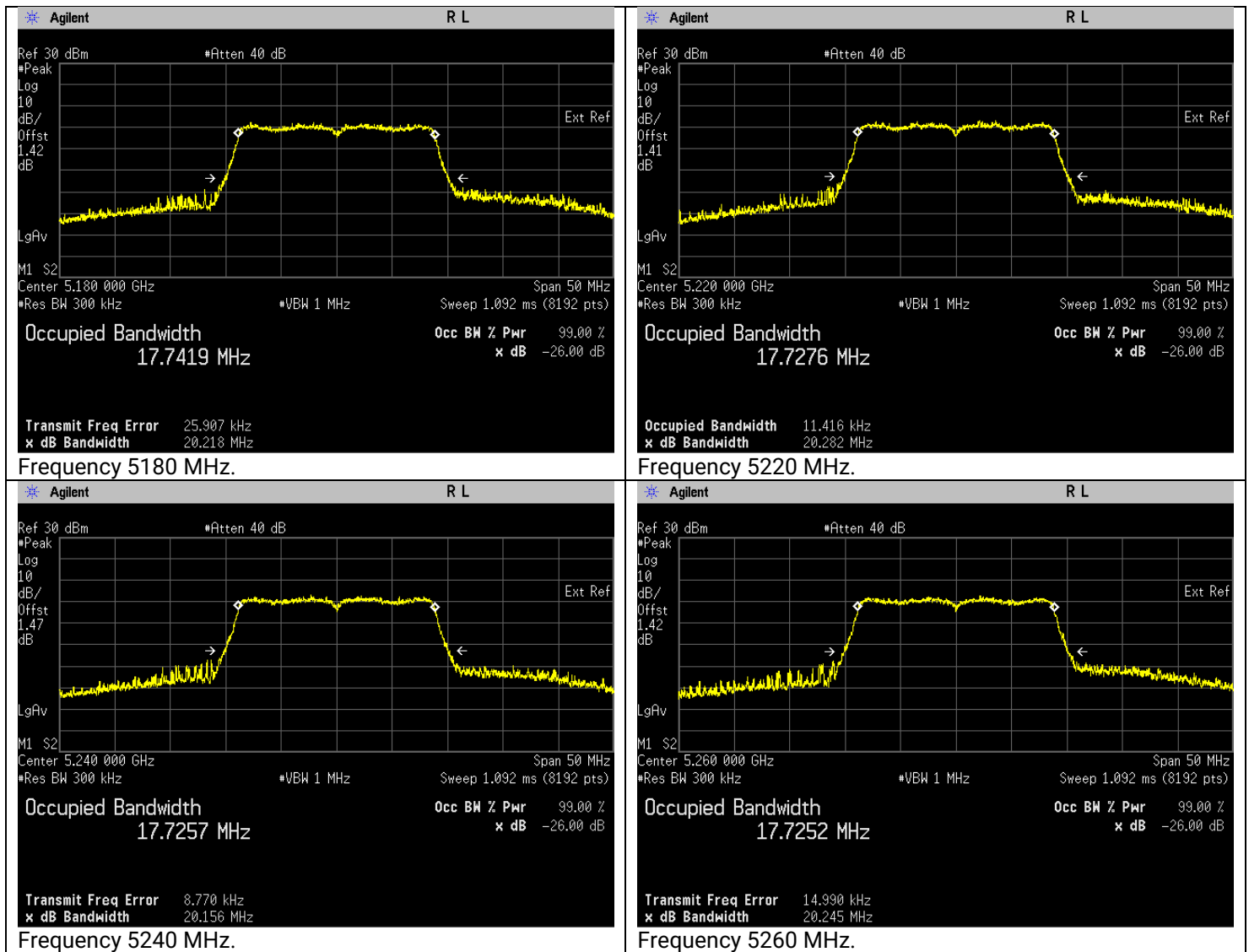
Frequency 5785 MHz.

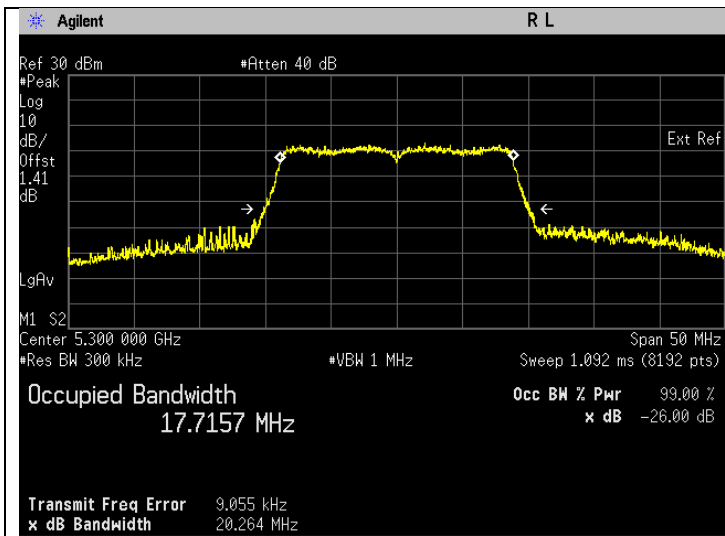


802.11n (HT20)

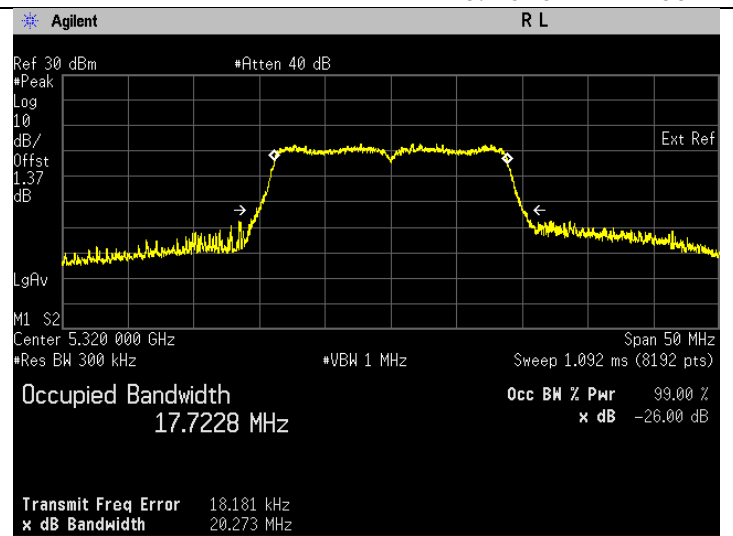
Frequency (MHz)	Test Configuration	Results			
		26 dB Bandwidth (MHz)	Status	99% Bandwidth (MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.218	Pass	17.742	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.282	Pass	17.728	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.156	Pass	17.726	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.245	Pass	17.725	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.264	Pass	17.716	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.273	Pass	17.723	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.123	Pass	17.703	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	19.646	Pass	16.664	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.342	Pass	17.697	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5, UNII-2C	15.223	Pass	13.861	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5, UNII-3	5.223	Pass	3.861	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.236	Pass	17.724	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.277	Pass	17.731	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.267	Pass	17.726	Pass

26 dB Bandwidth/ 99% Bandwidth

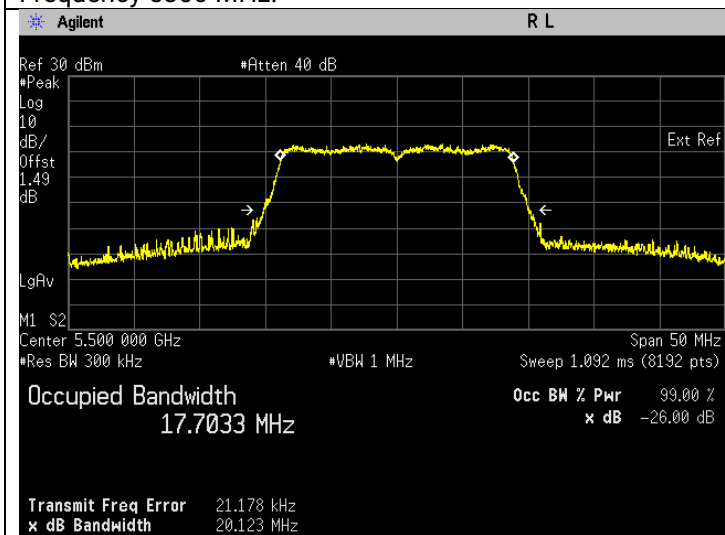




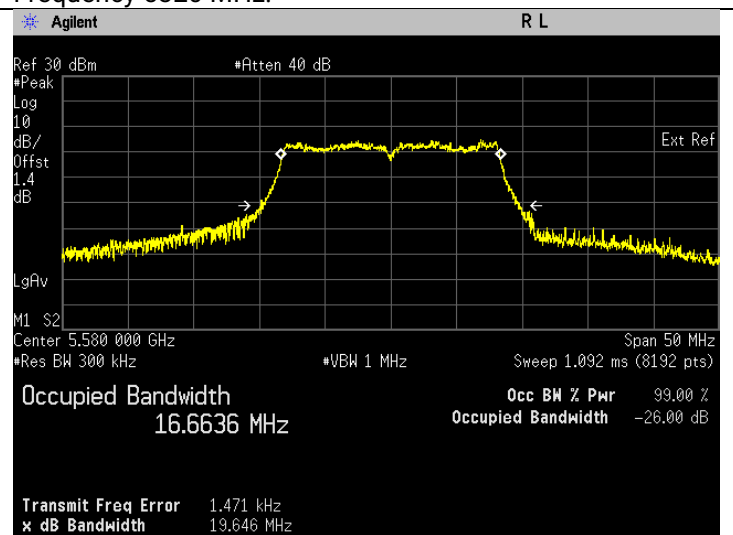
Frequency 5300 MHz.



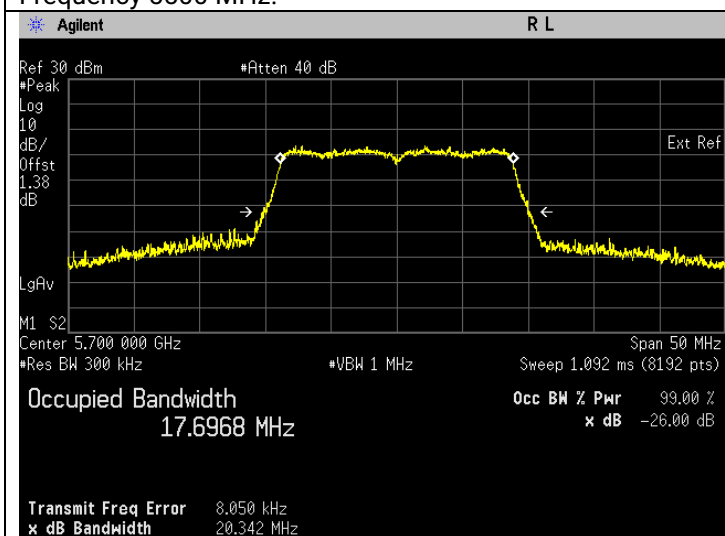
Frequency 5320 MHz.



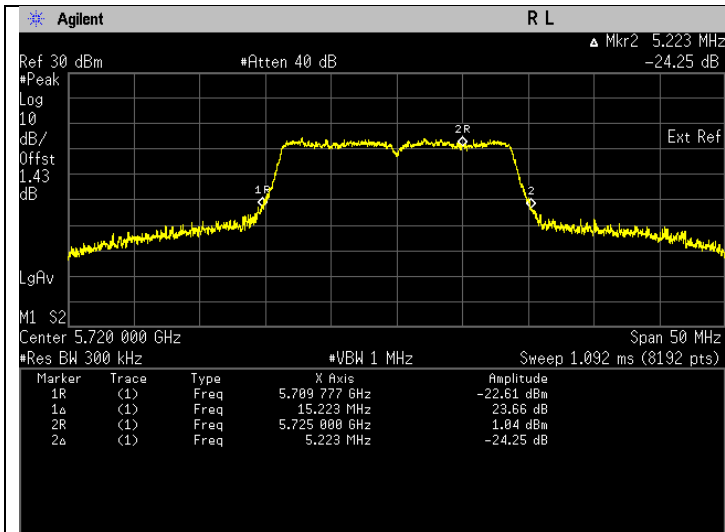
Frequency 5500 MHz.



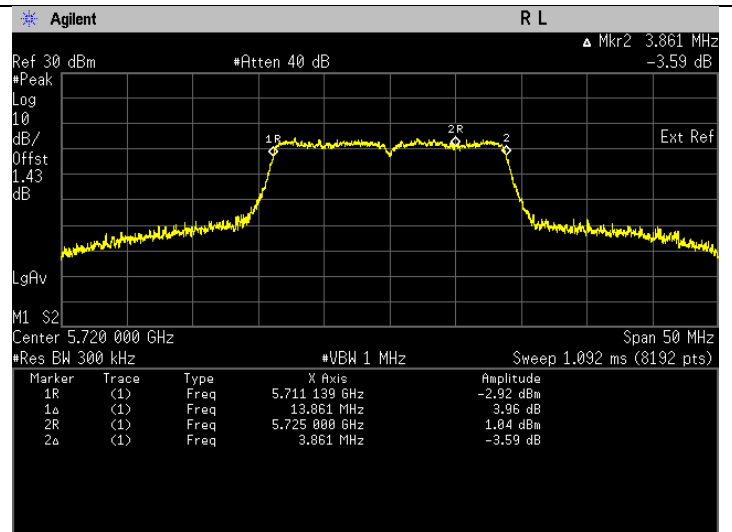
Frequency 5580 MHz.



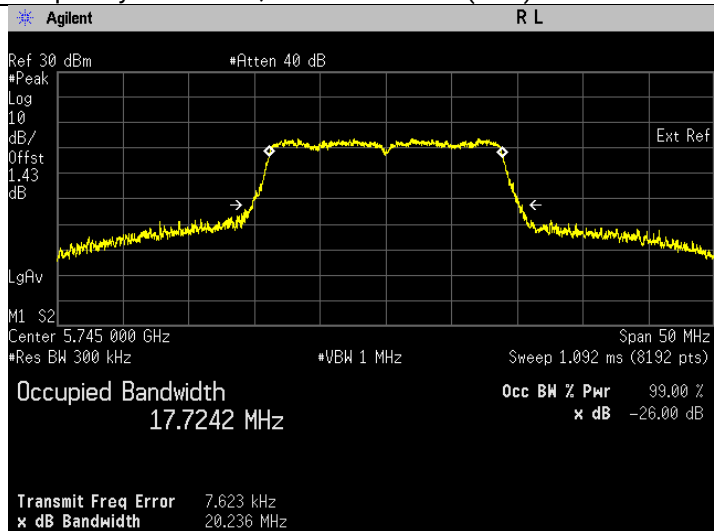
Frequency 5700 MHz.



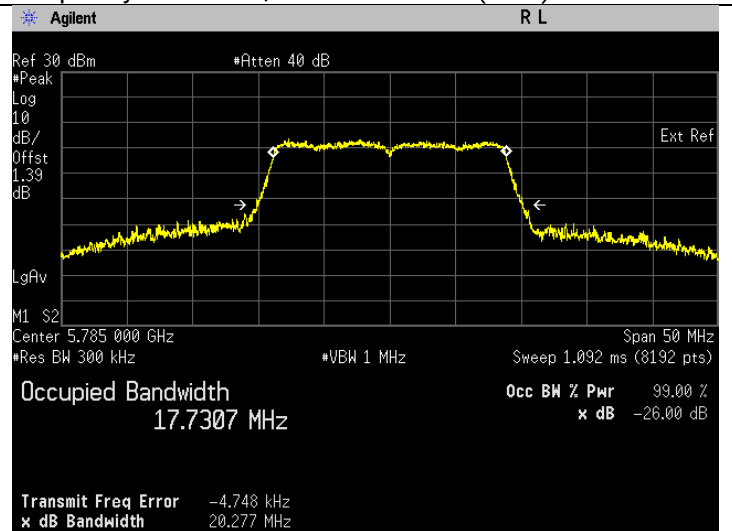
Frequency 5720 MHz, UNII-2C & UNII-3(FCC).



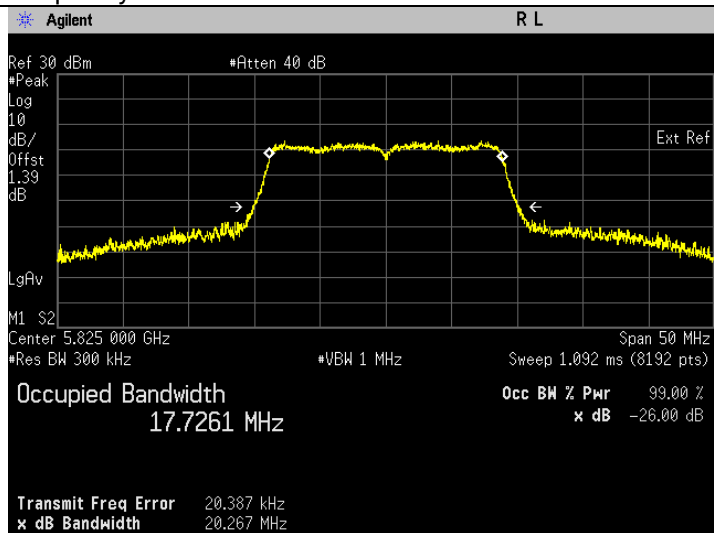
Frequency 5720 MHz, UNII-2C & UNII-3 (ISED).



Frequency 5745 MHz.



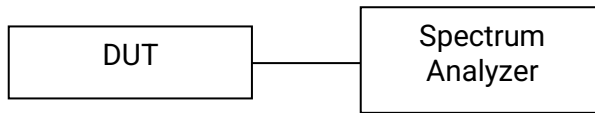
Frequency 5785 MHz.



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	0.104
802.11n20	0.092

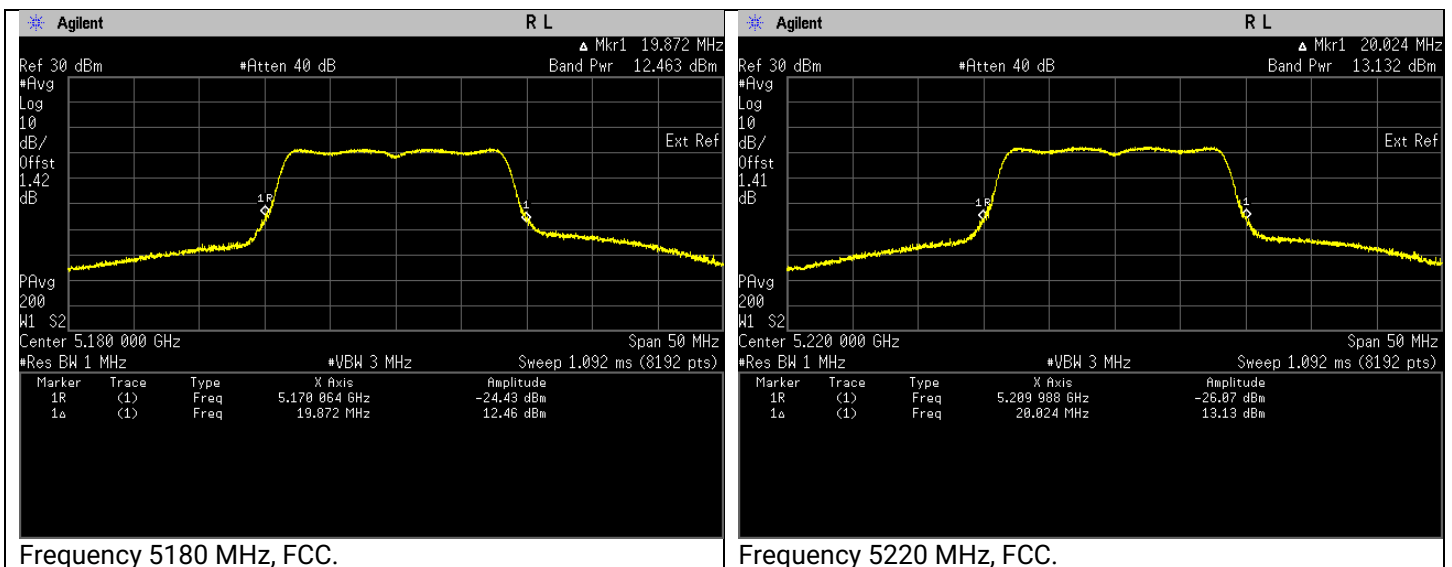
7.2.4. Test Data

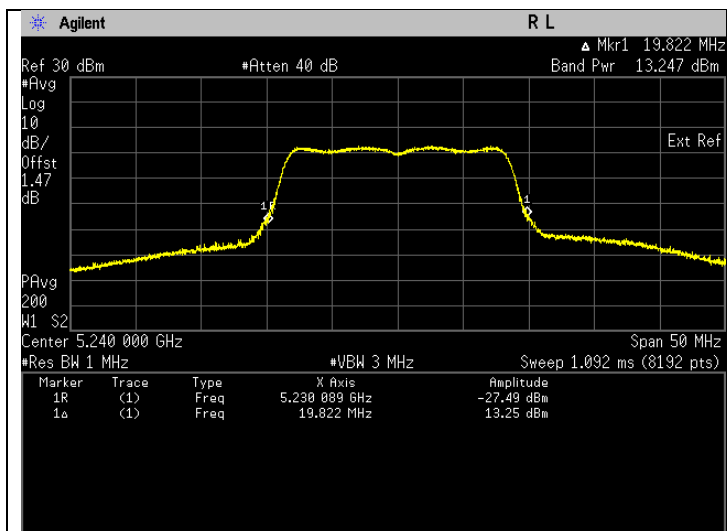
Summary table

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	21.46	28.18	67.86	89.13	16M8D1D
	5260-5320	20	20.45	28.18	51.37	70.79	16M8D1D
	5500-5580	20	22.48	28.18	56.45	70.79	16M8D1D
	5660-5720	20	22.68	28.18	56.98	70.79	16M8D1D
	5745-5825	20	19.30	28.18	76.84	112.20	16M8D1D
802.11n/ac (HT20)	5180-5240	20	14.05	22.39	44.44	70.79	17M7D1D
	5260-5320	20	13.35	22.39	33.54	56.23	17M7D1D
	5500-5580	20	14.95	22.39	37.56	56.23	17M7D1D
	5660-5720	20	14.90	22.39	37.42	56.23	17M7D1D
	5745-5825	20	17.47	22.39	69.55	89.13	17M7D1D

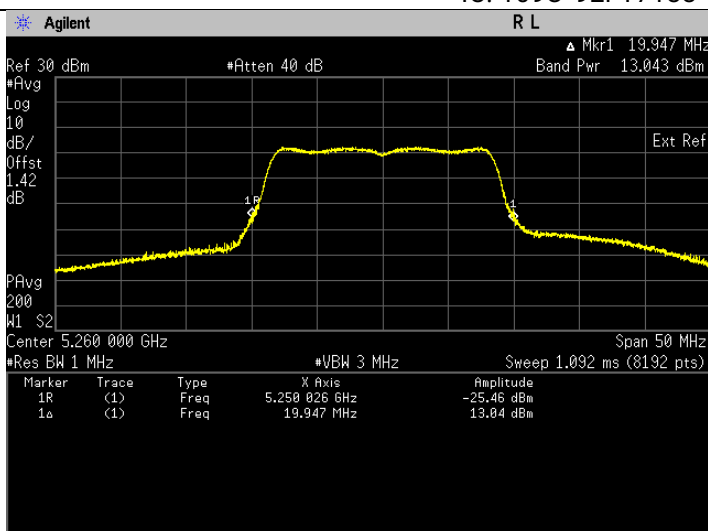
802.11a (26dB EBW)

Freq. (MHz)	Test Conditions	Results		
		Power (mW)	Power (dBm)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	18.210	12.603	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	21.242	13.272	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	21.812	13.387	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.811	13.183	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.291	13.073	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.440	12.159	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	23.217	13.658	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	17.286	12.377	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	18.841	12.751	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	17.147	12.342	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.747	12.955	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.218	12.837	Pass

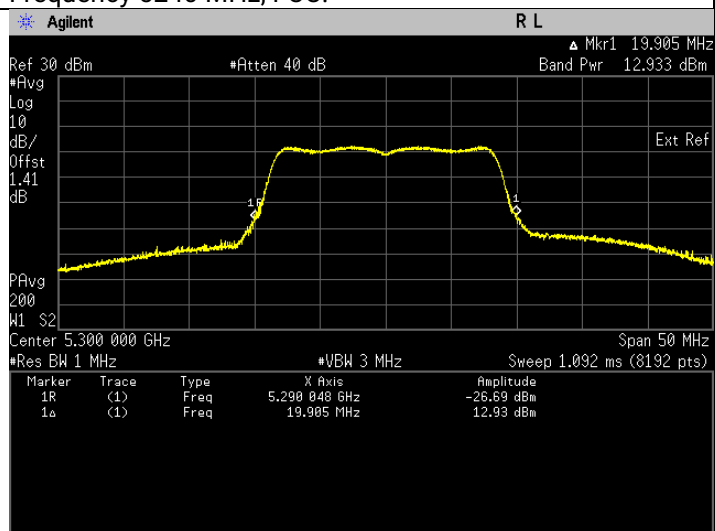




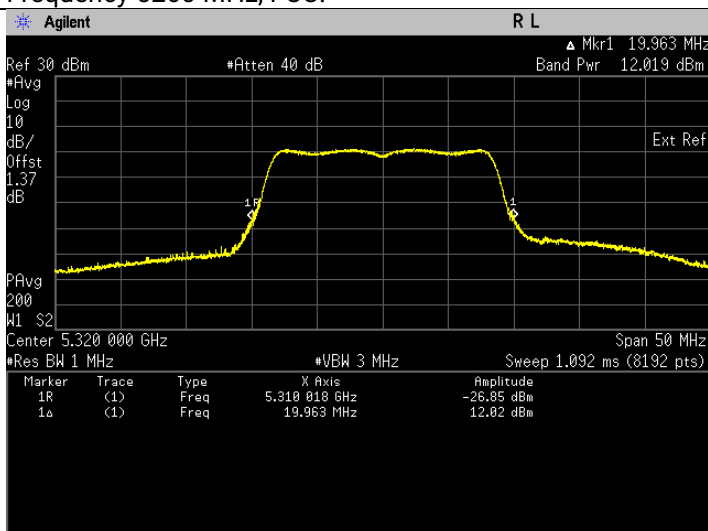
Frequency 5240 MHz, FCC.



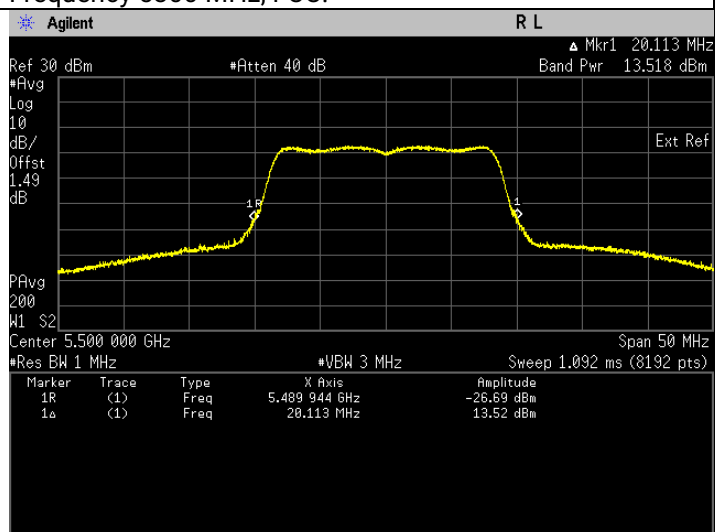
Frequency 5260 MHz, FCC.



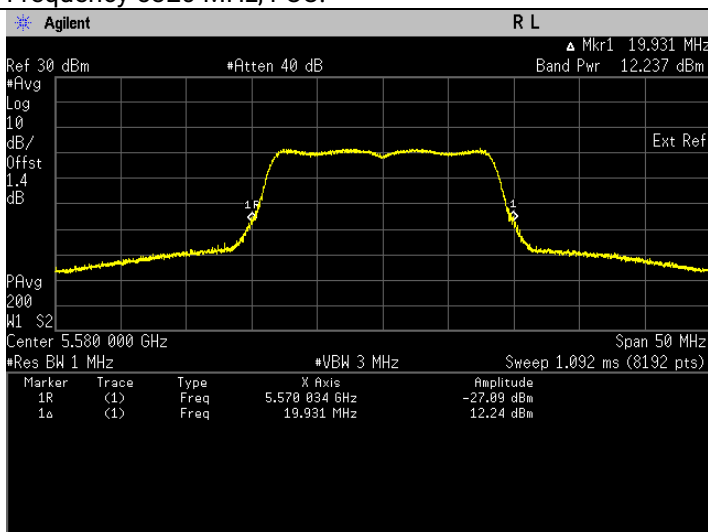
Frequency 5300 MHz, FCC.



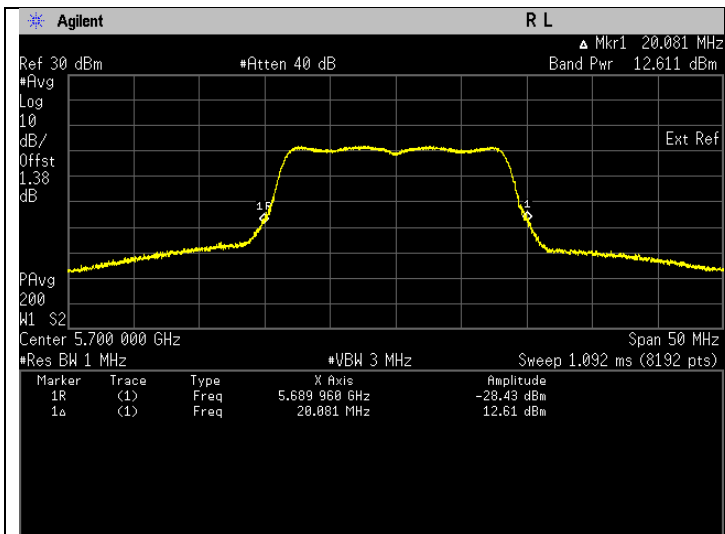
Frequency 5320 MHz, FCC.



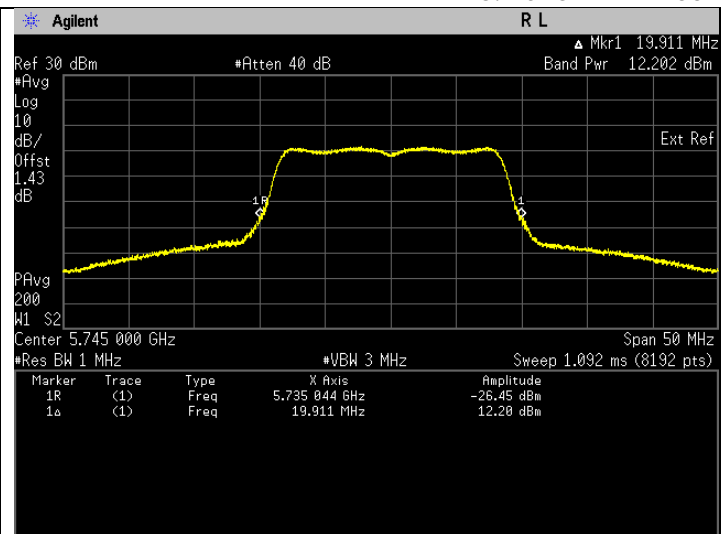
Frequency 5500 MHz, FCC.



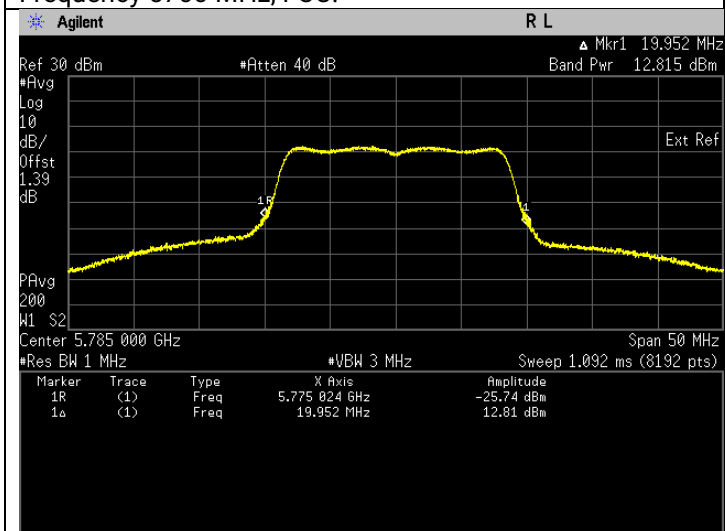
Frequency 5580 MHz, FCC.



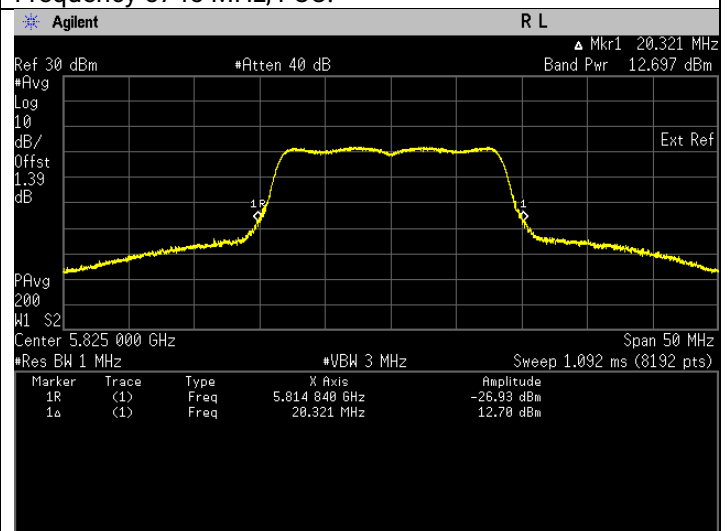
Frequency 5700 MHz, FCC.



Frequency 5745 MHz, FCC.



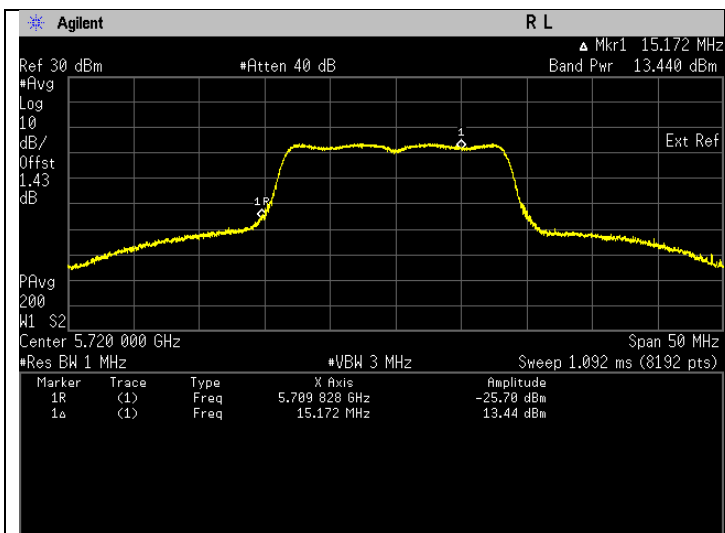
Frequency 5785 MHz, FCC.



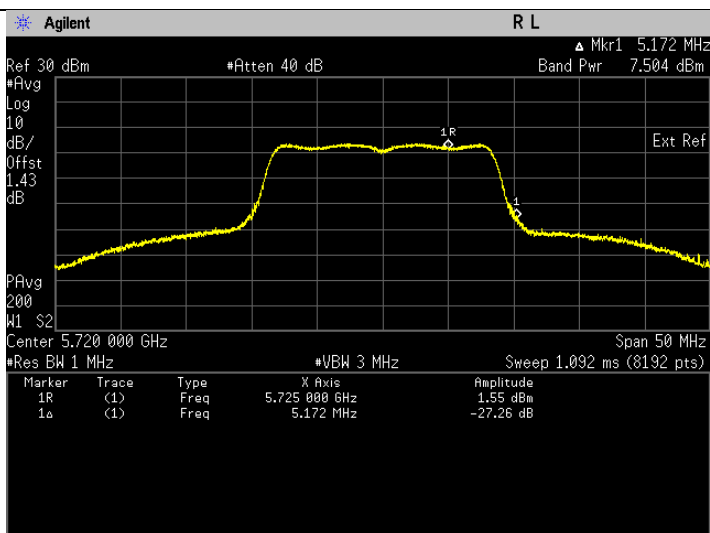
Frequency 5825 MHz, FCC.

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	22.803	13.580	Pass
		U-NII-3		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.813	7.644	Pass



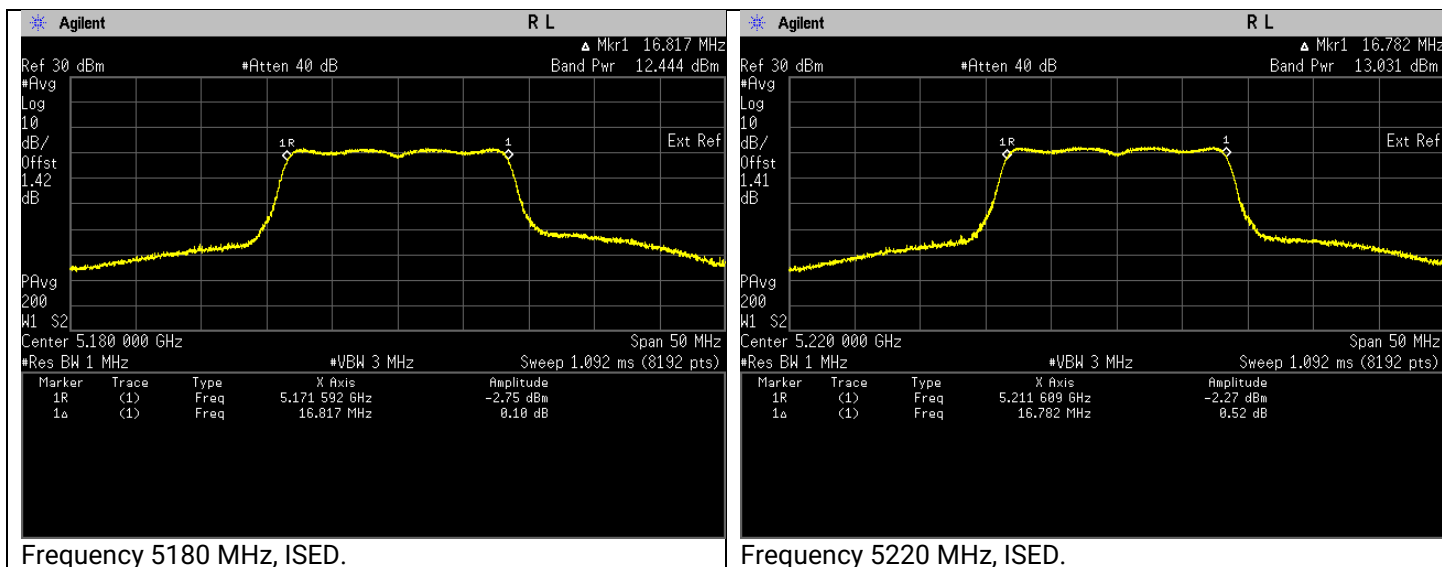
Frequency 5720 MHz, FCC, U-NII-2C. *Note: The band power is captured before the 5725 MHz.

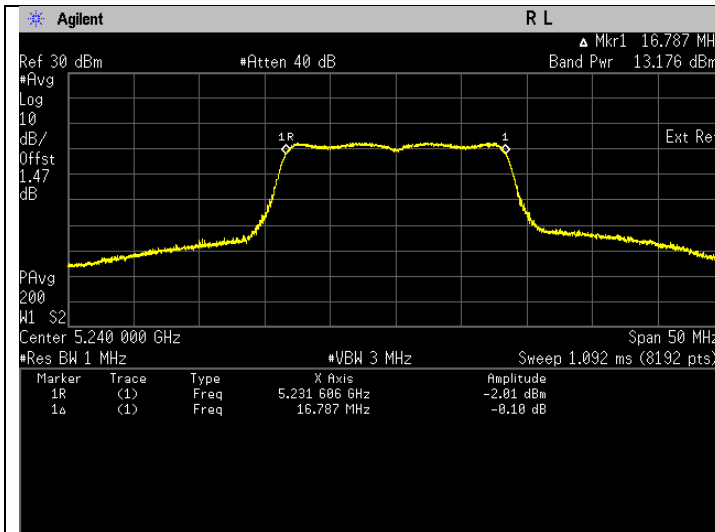


Frequency 5720 MHz, FCC, U-NII-3. *Note: The band power is captured after the 5725 MHz.

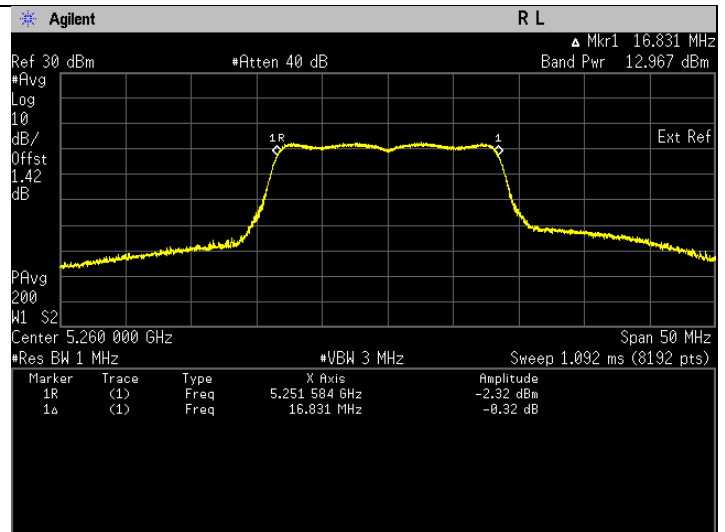
802.11a (99% EBW)

Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results				
			Power (mW)	Power (dBm)	Status	EIRP (dBm)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	18.130	12.584	Pass	17.584	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	20.754	13.171	Pass	18.171	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	21.459	13.316	Pass	18.316	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	20.450	13.107	Pass	17.107	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	19.957	13.001	Pass	17.001	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	16.319	12.127	Pass	16.127	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	22.475	13.517	Pass	17.517	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	17.088	12.327	Pass	16.327	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	18.302	12.625	Pass	16.625	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	16.947	12.291	Pass	18.291	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	19.302	12.856	Pass	18.856	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	18.789	12.739	Pass	18.739	Pass

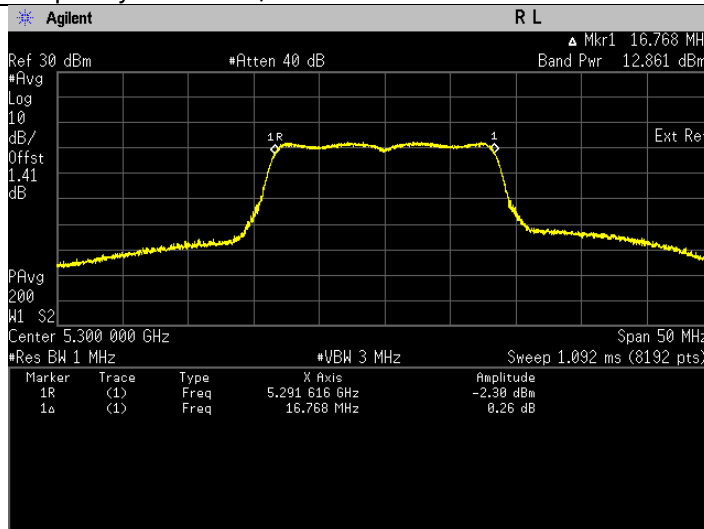




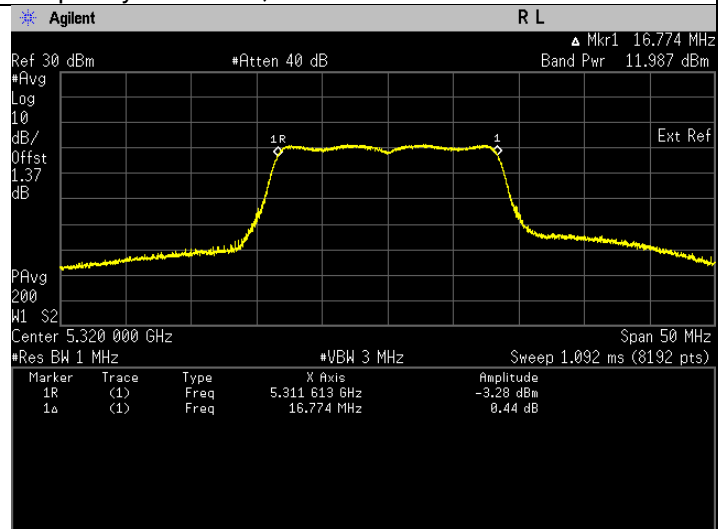
Frequency 5240 MHz, ISED.



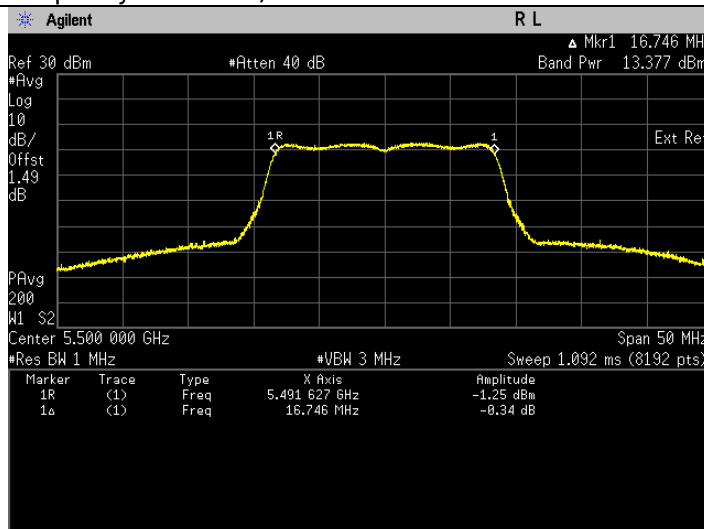
Frequency 5260 MHz, ISED.



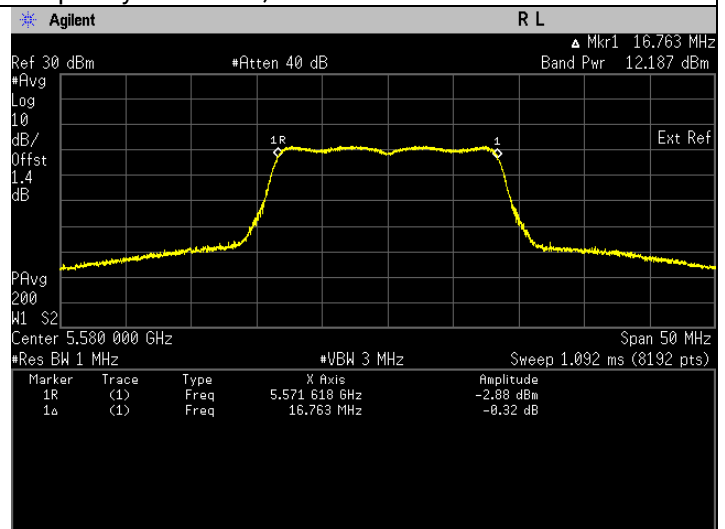
Frequency 5300 MHz, ISED.



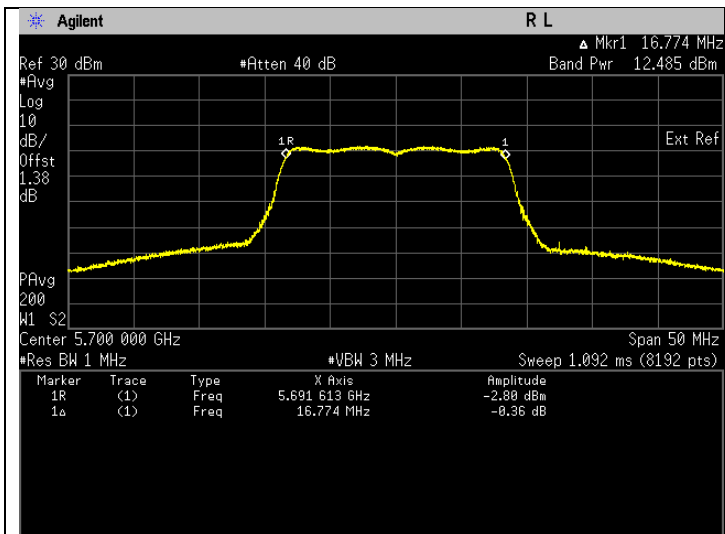
Frequency 5320 MHz, ISED.



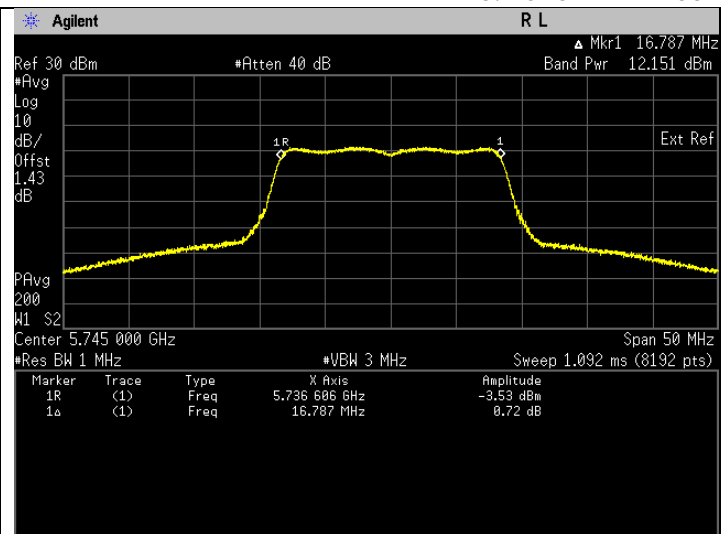
Frequency 5500 MHz, ISED.



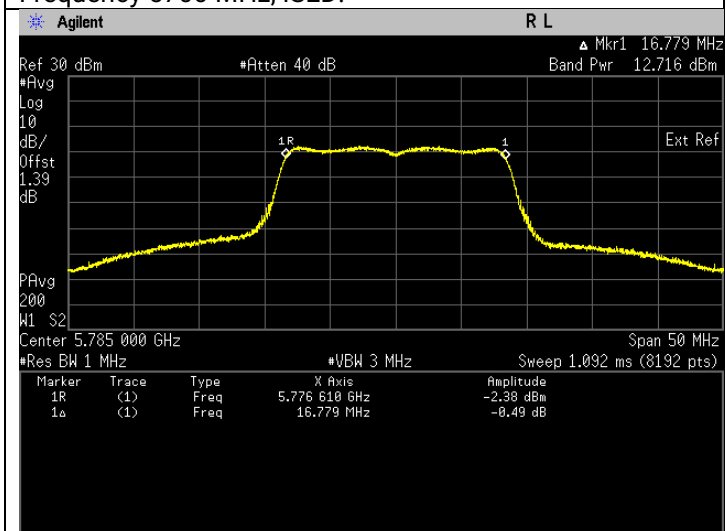
Frequency 5580 MHz, ISED.



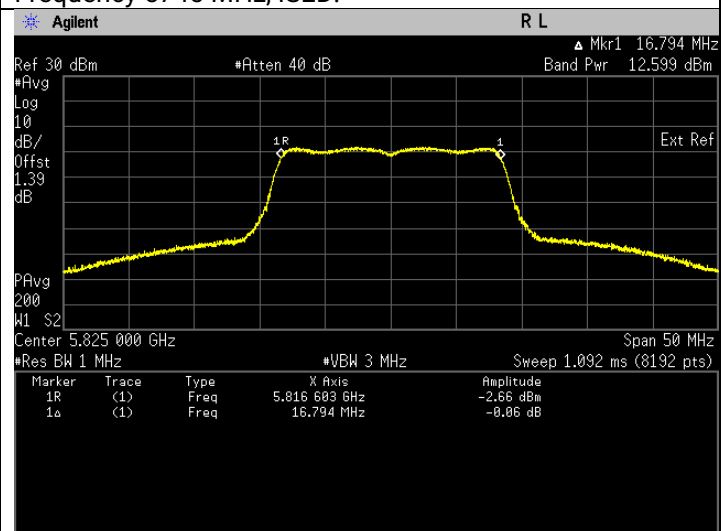
Frequency 5700 MHz, ISED.



Frequency 5745 MHz, ISED.



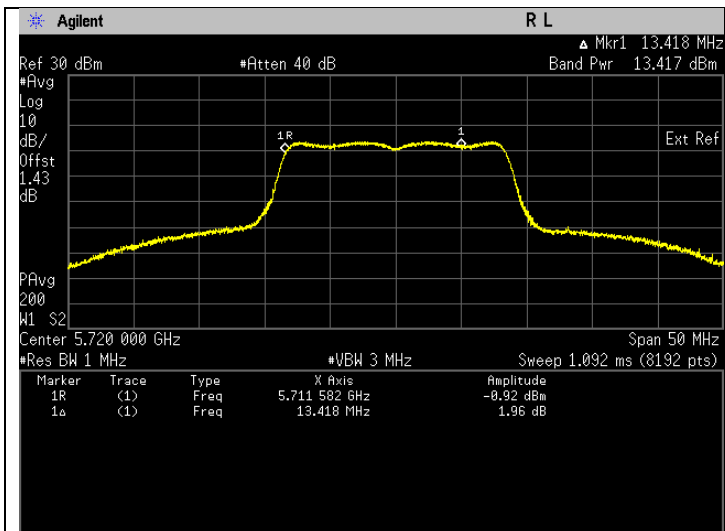
Frequency 5785 MHz, ISED.



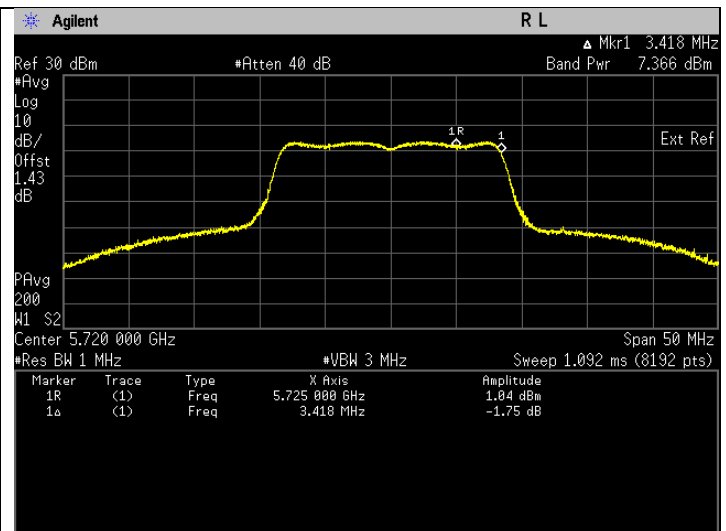
Frequency 5825 MHz, ISED.

Straddle Frequency

Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results				
			U-NII- 2C				
			Power (mW)	Power (dBm)	Status	EIRP (dBm)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	22.683	13.557	Pass	17.557	Pass
U-NII-3							
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	5.631	7.506	Pass	11.506	Pass



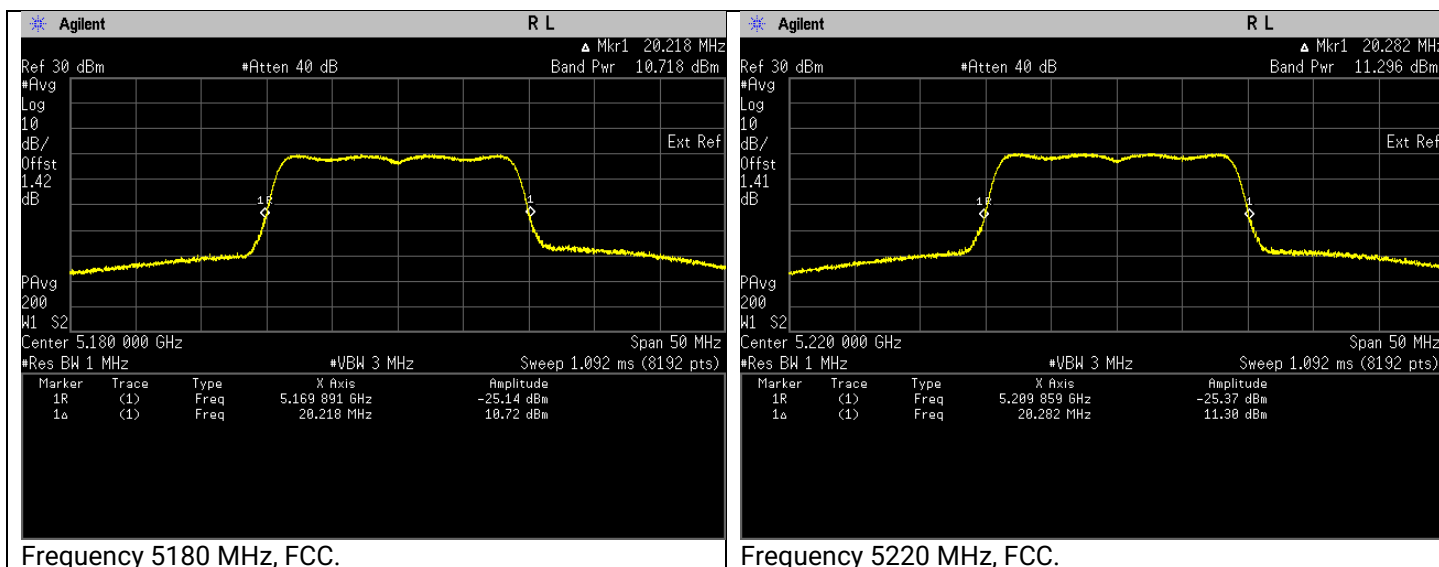
Frequency 5720 MHz, ISED, U-NII-2C. *Note: The band power is captured before the 5725 MHz.

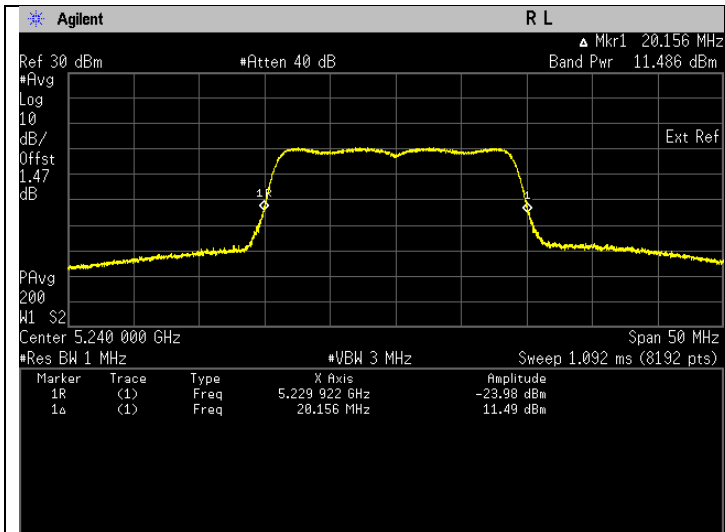


Frequency 5720 MHz, ISED, U-NII-3. *Note: The band power is captured after the 5725 MHz.

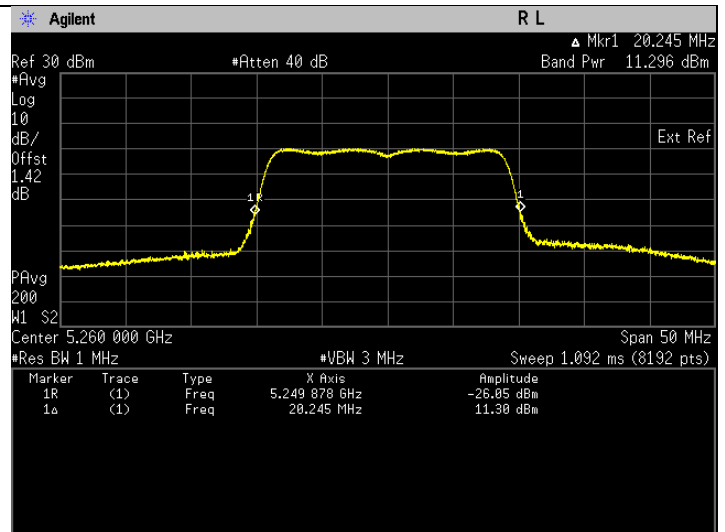
802.11n (HT20)(26dB EBW)

Freq. (MHz)	Test Conditions	Results		
		Power (mW)	Power (dBm)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	12.050	10.810	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.766	11.388	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	14.381	11.578	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.766	11.388	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.228	11.215	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.014	11.144	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	15.212	11.822	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.826	11.407	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	15.549	11.917	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	18.138	12.586	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	16.029	12.049	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	15.664	11.949	Pass

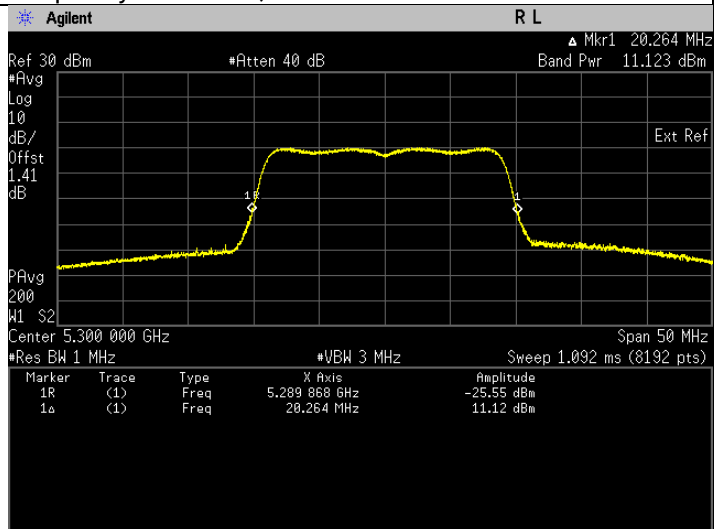




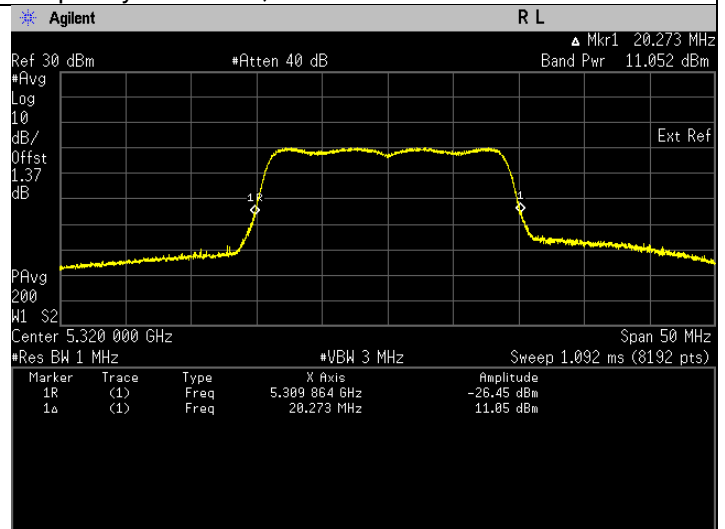
Frequency 5240 MHz, FCC.



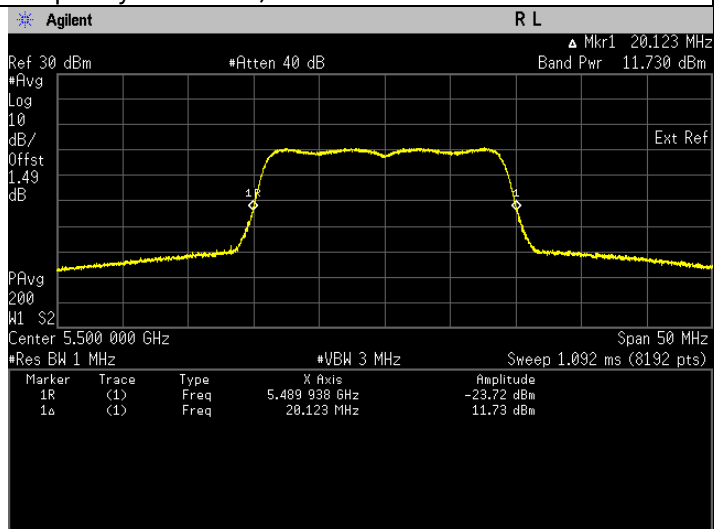
Frequency 5260 MHz, FCC.



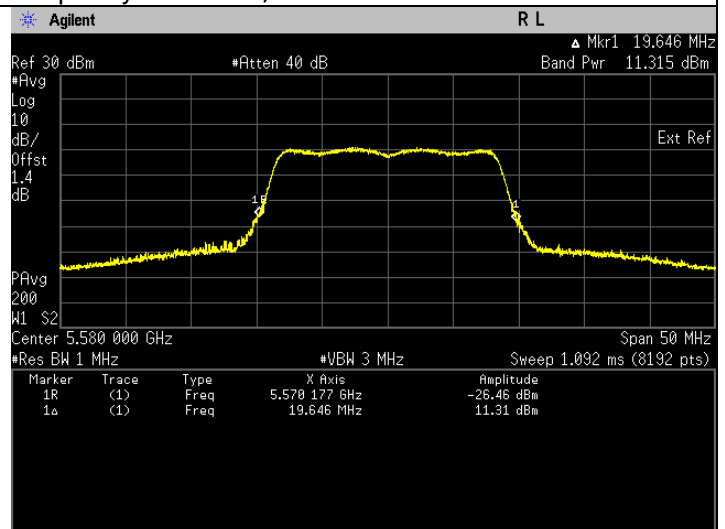
Frequency 5300 MHz, FCC.



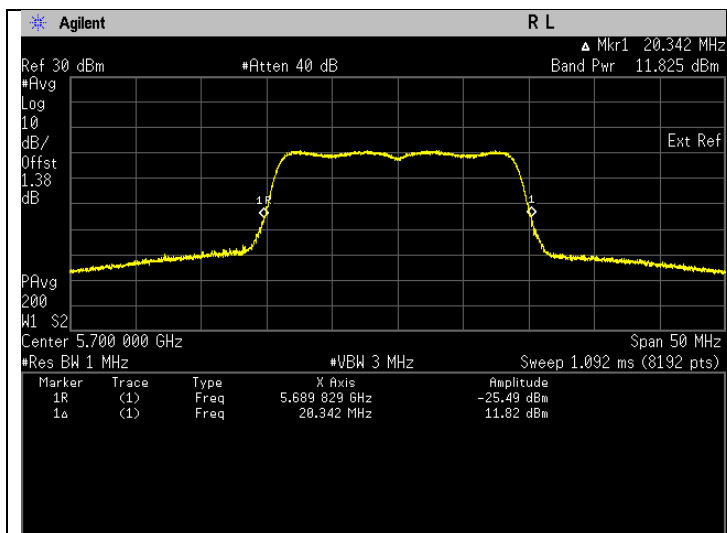
Frequency 5320 MHz, FCC.



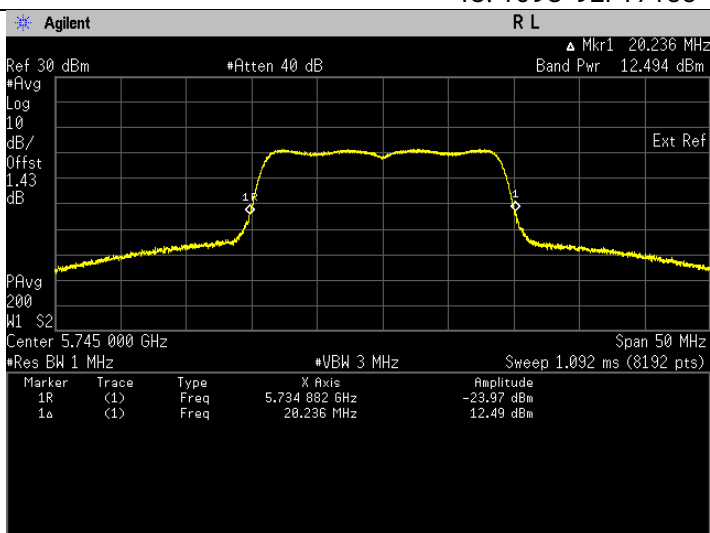
Frequency 5500 MHz, FCC.



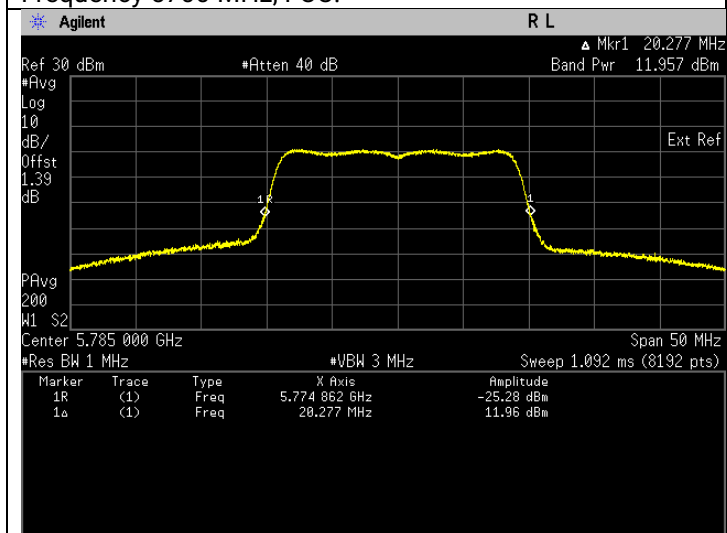
Frequency 5580 MHz, FCC.



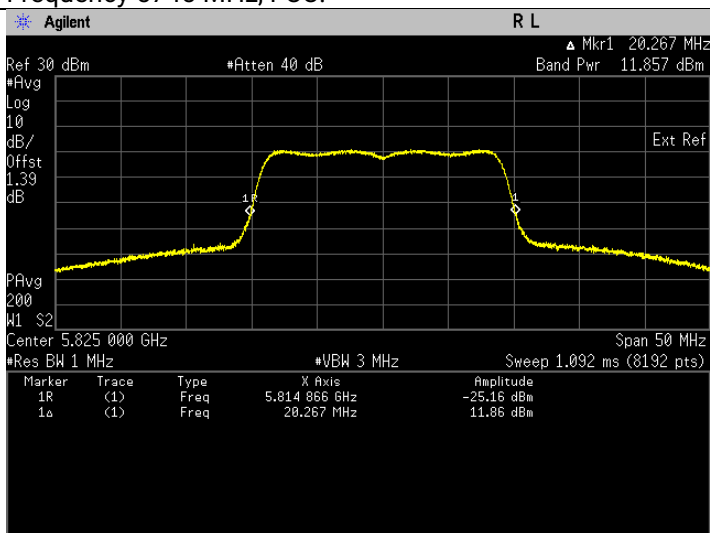
Frequency 5700 MHz, FCC.



Frequency 5745 MHz, FCC.



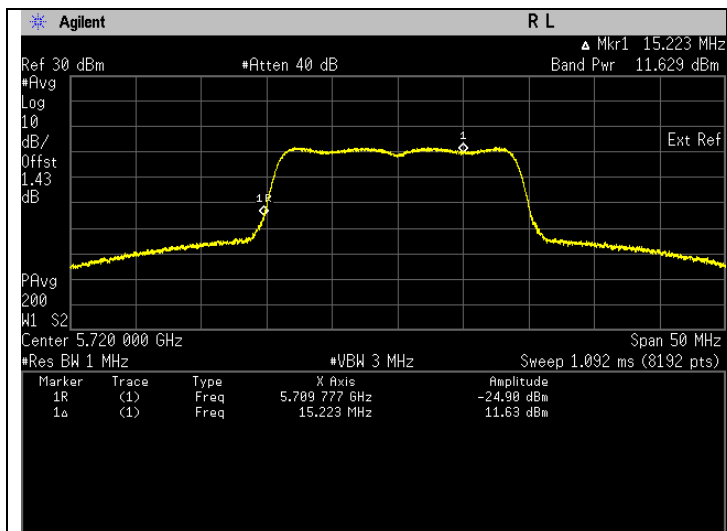
Frequency 5785 MHz, FCC.



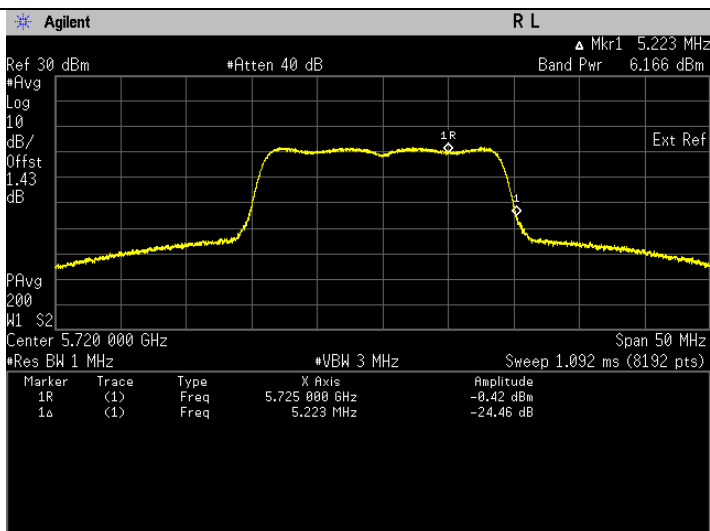
Frequency 5825 MHz, FCC.

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	14.863	11.721	Pass
		U-NII-3		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.225	6.258	Pass



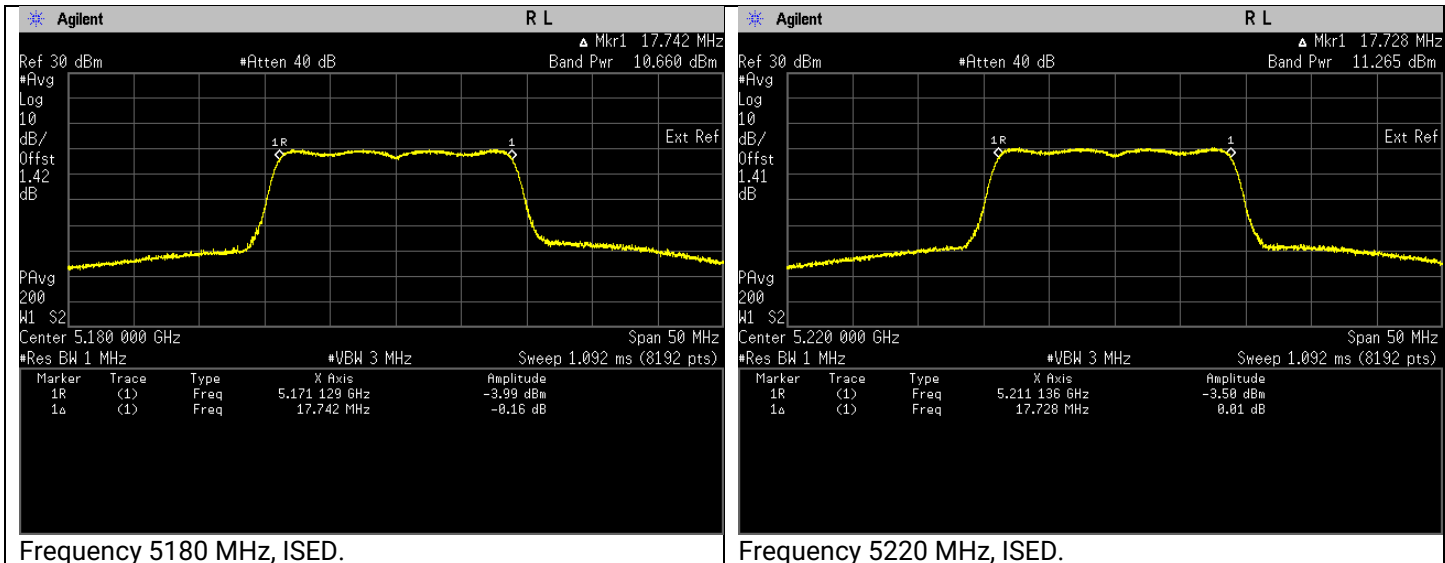
Frequency 5720 MHz, FCC, U-NII-2C. *Note: The band power is captured before the 5725 MHz.

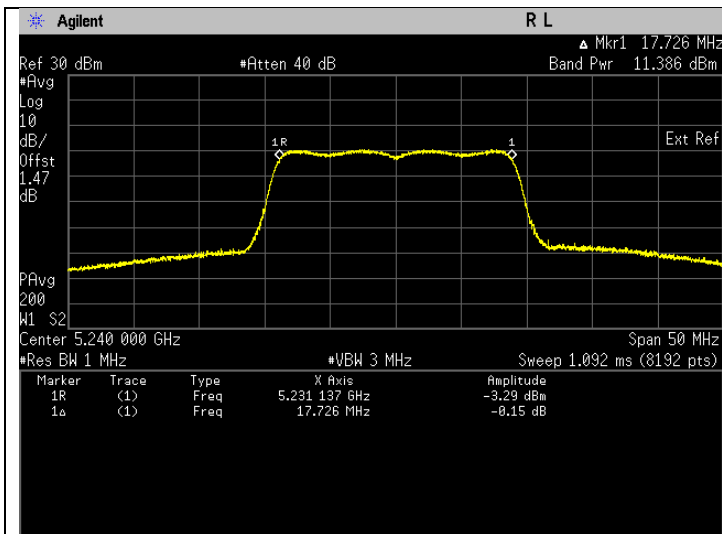


Frequency 5720 MHz, FCC, U-NII-3. *Note: The band power is captured after the 5725 MHz.

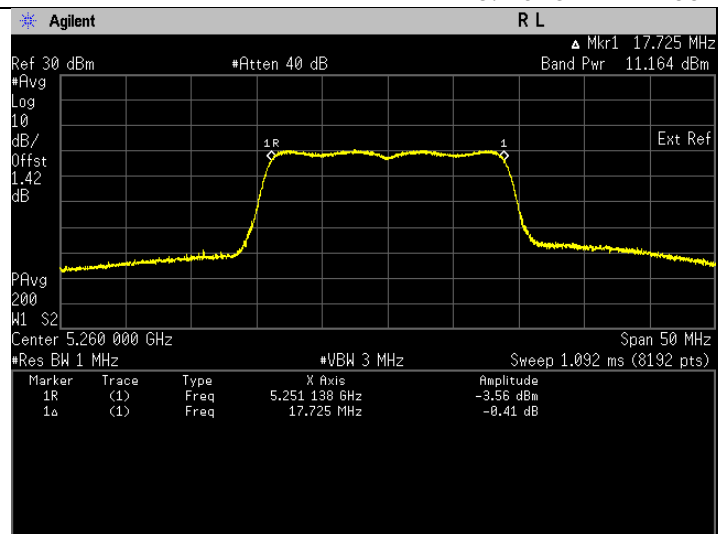
802.11n (HT20)(99% EBW)

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	11.890	10.752	Pass	15.752	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	13.668	11.357	Pass	16.357	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	14.054	11.478	Pass	16.478	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	13.354	11.256	Pass	15.256	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	13.107	11.175	Pass	15.175	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	12.957	11.125	Pass	15.125	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	14.952	11.747	Pass	15.747	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	13.555	11.321	Pass	15.321	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	14.897	11.731	Pass	15.731	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	17.470	12.423	Pass	18.423	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	16.077	12.062	Pass	18.062	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	15.191	11.816	Pass	17.816	Pass

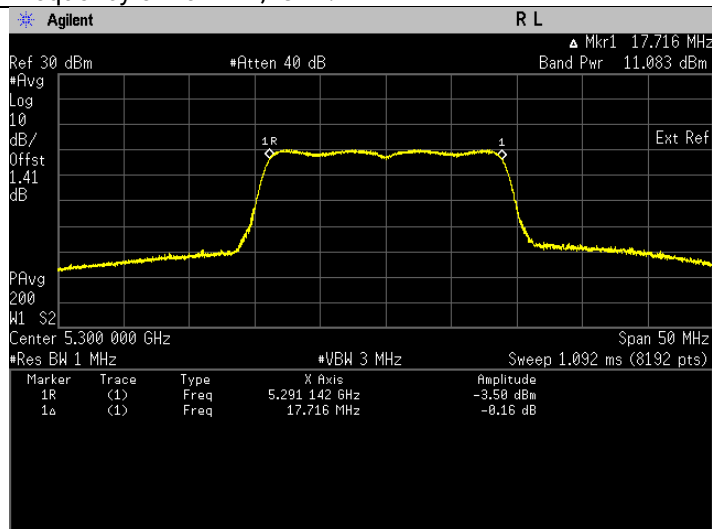




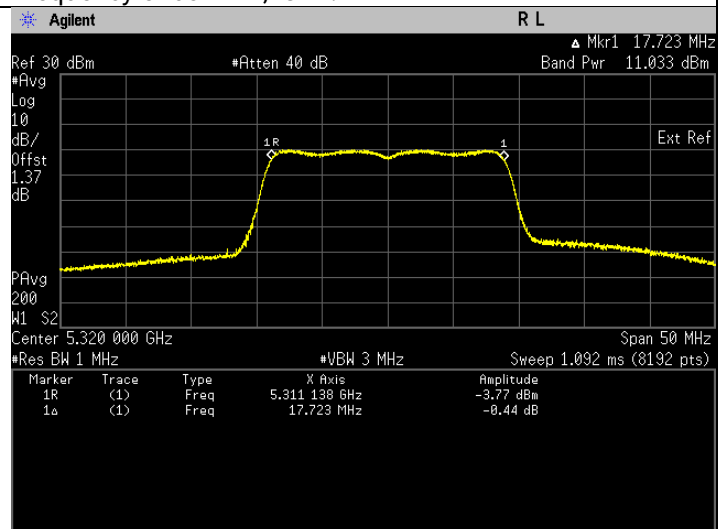
Frequency 5240 MHz, ISED.



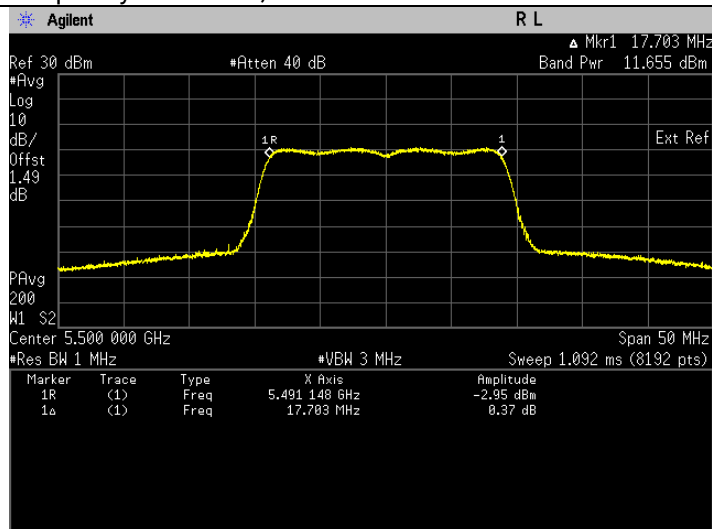
Frequency 5260 MHz, ISED.



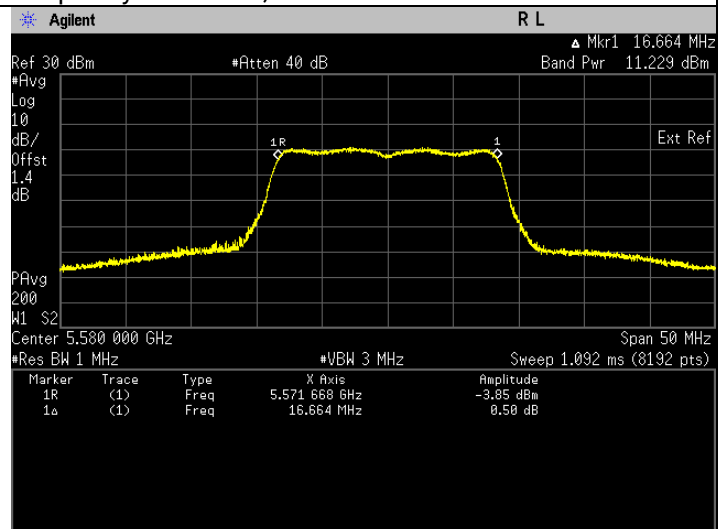
Frequency 5300 MHz, ISED.



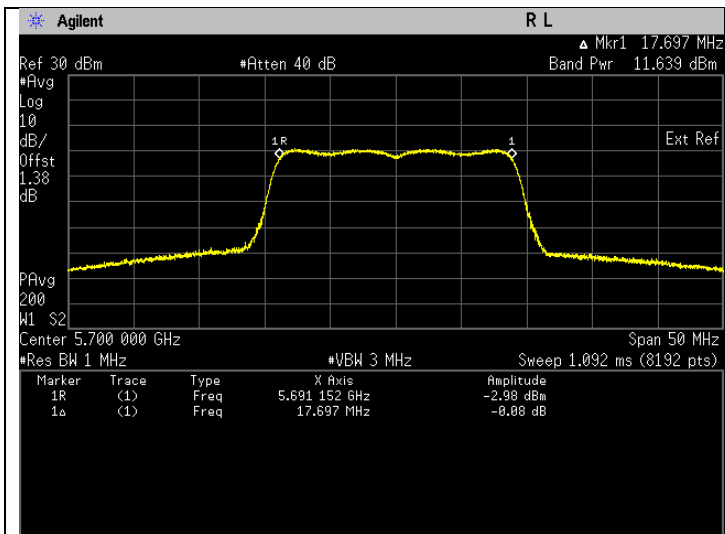
Frequency 5320 MHz, ISED.



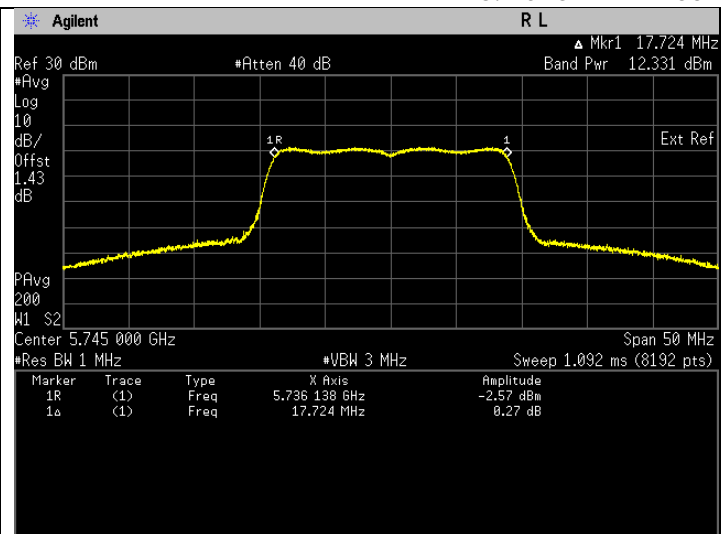
Frequency 5500 MHz, ISED.



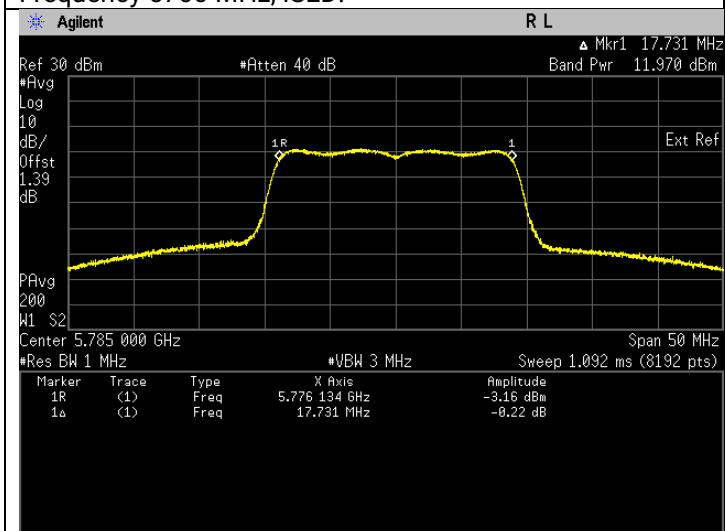
Frequency 5580 MHz, ISED.



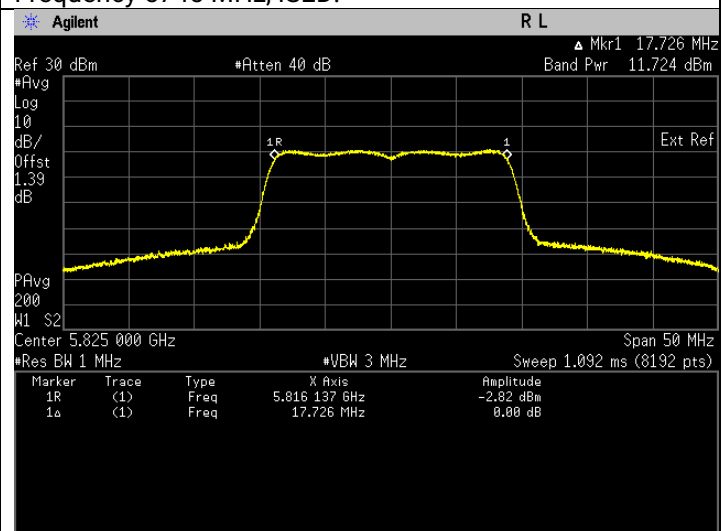
Frequency 5700 MHz, ISED.



Frequency 5745 MHz, ISED.



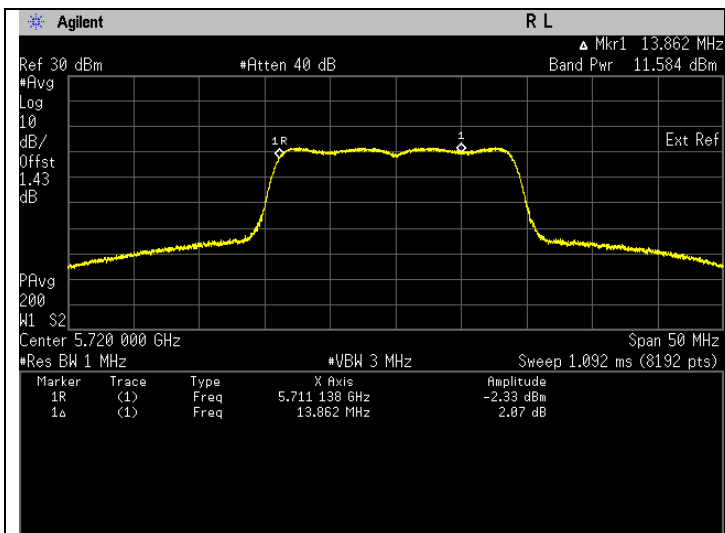
Frequency 5785 MHz, ISED.



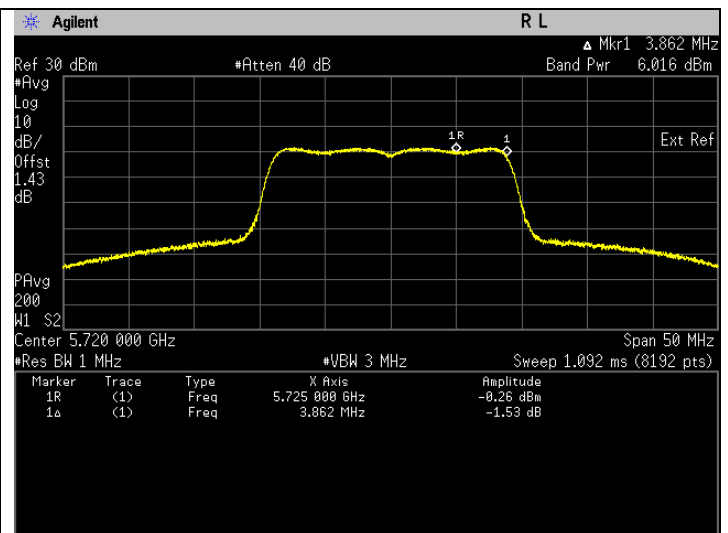
Frequency 5825 MHz, ISED.

Straddle Frequency

Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results				
			U-NII- 2C				
			Power (mW)	Power (dBm)	Status	EIRP (dBm)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	14.710	11.676	Pass	15.676	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	U-NII-3				
			Power (mW)	Power (dBm)	Status	EIRP (dBm)	Status
			4.081	6.108	Pass	10.108	Pass



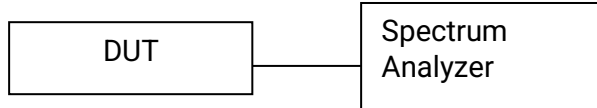
Frequency 5720 MHz, ISED, U-NII-2C. *Note: The band power is captured before the 5725 MHz.



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 $\geq 3 \cdot$ RBW
 - Detector = power averaging (RMS)
 - Trace = Max hold
 - Number of points in sweep $\geq 2 \times$ span / 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	0.104
802.11n20	0.092

7.3.4. Test Data

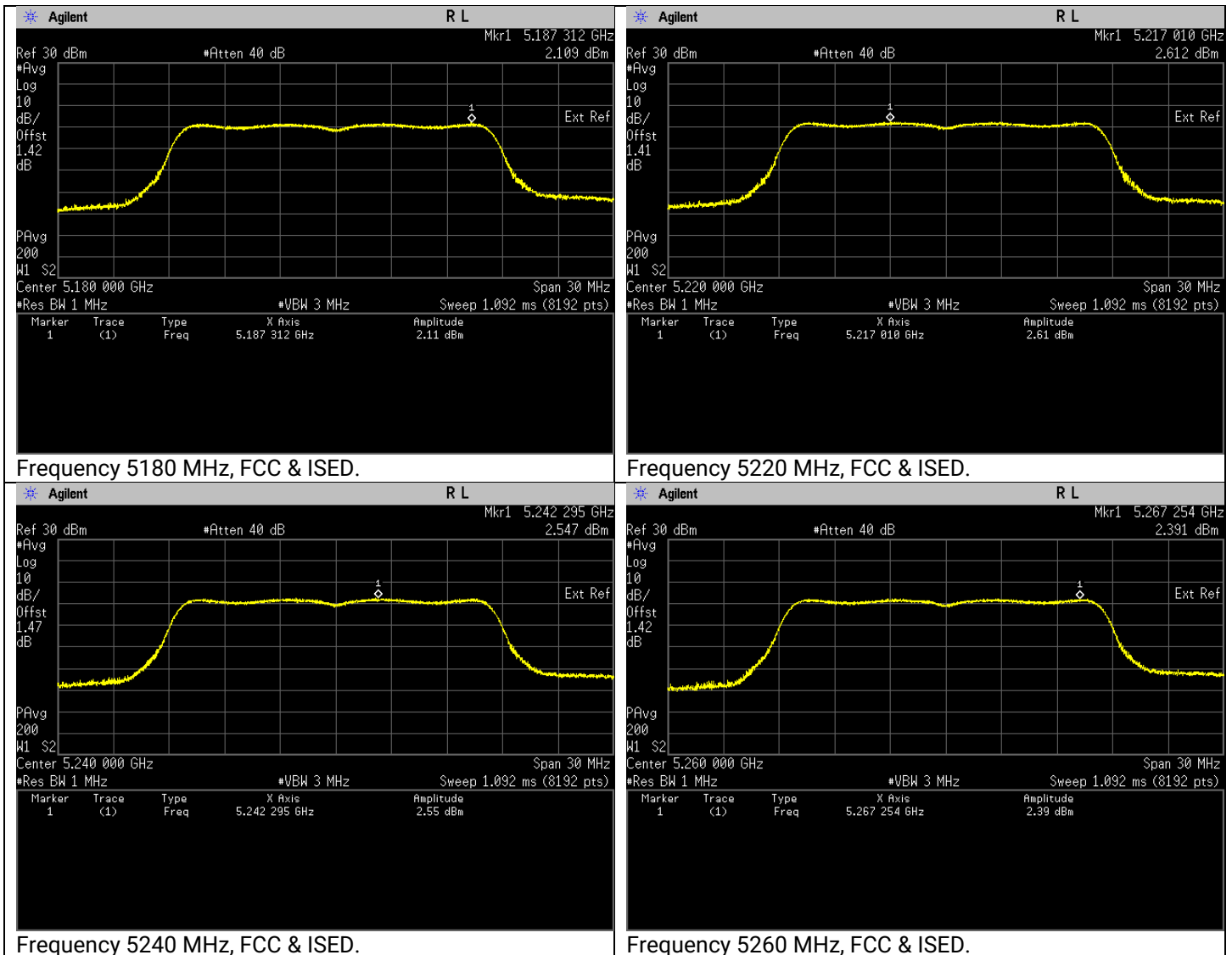
802.11a (26dB EBW)

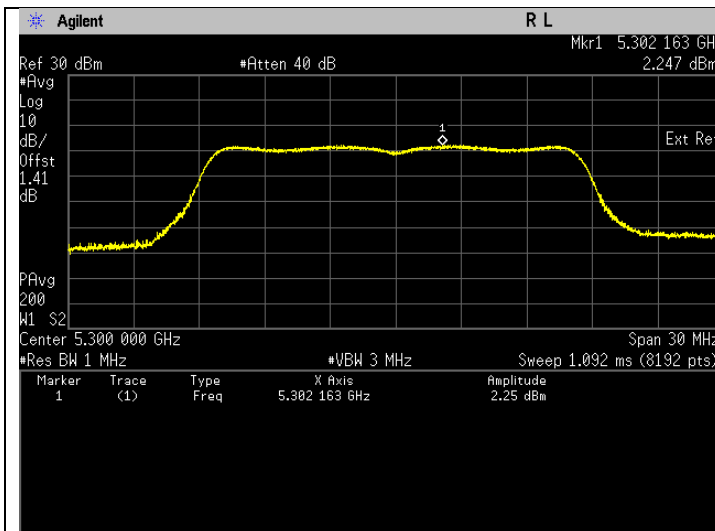
Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.249	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.752	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.687	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.531	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.387	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	1.668	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.069	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	1.980	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	1.999	Pass
Freq. (MHz)	Test Conditions	Power/Frequency (dBm/500kHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	-1.179	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	-0.387	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	-0.592	Pass

802.11a (99% EBW)

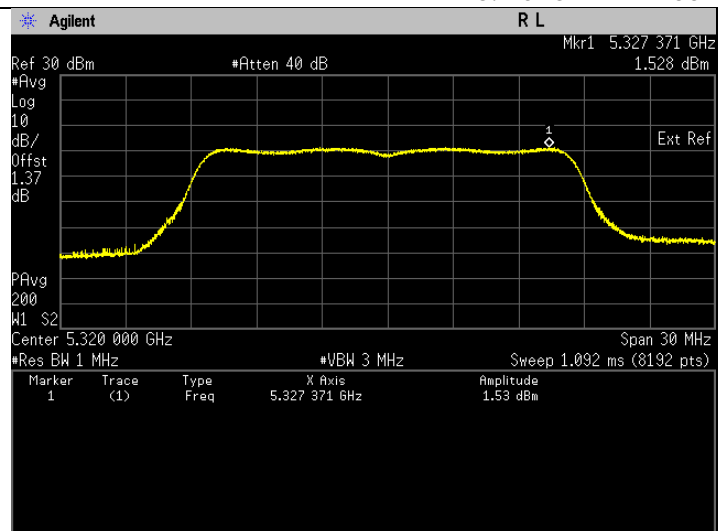
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results			
			Power/Frequency (dBm/MHz)	Status	EIRP (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	2.249	Pass	7.249	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	2.752	Pass	7.752	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5.00	2.687	Pass	7.687	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	2.531	Pass	6.531	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	2.387	Pass	6.387	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	1.668	Pass	5.668	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	3.069	Pass	7.069	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	1.980	Pass	5.980	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	1.999	Pass	5.999	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	-1.179	Pass	4.821	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	-0.387	Pass	5.613	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.00	-0.592	Pass	5.408	Pass

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

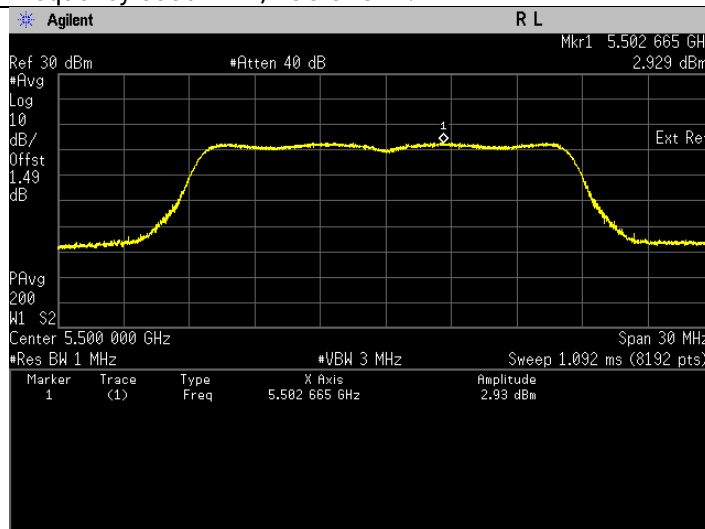




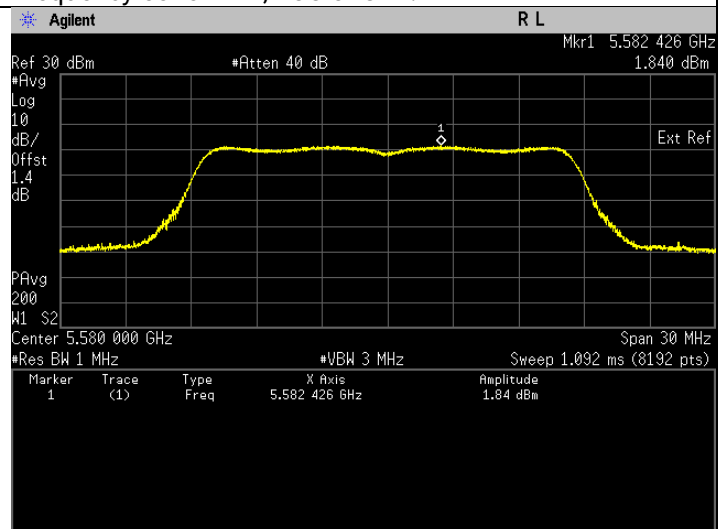
Frequency 5300 MHz, FCC & ISSED.



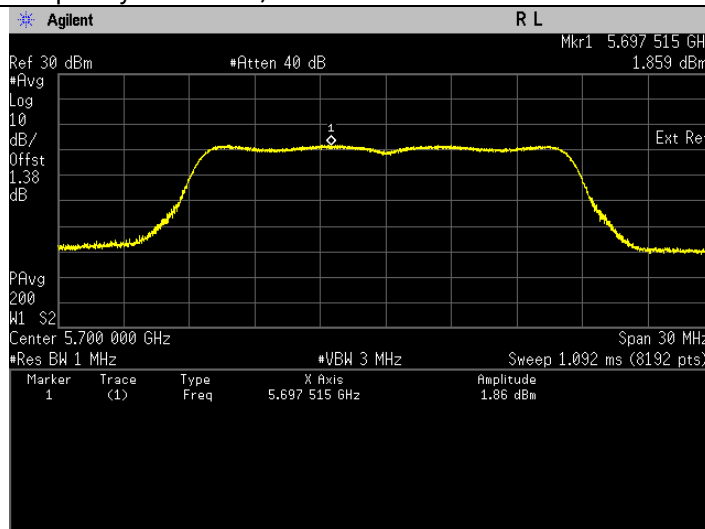
Frequency 5320 MHz, FCC & ISSED.



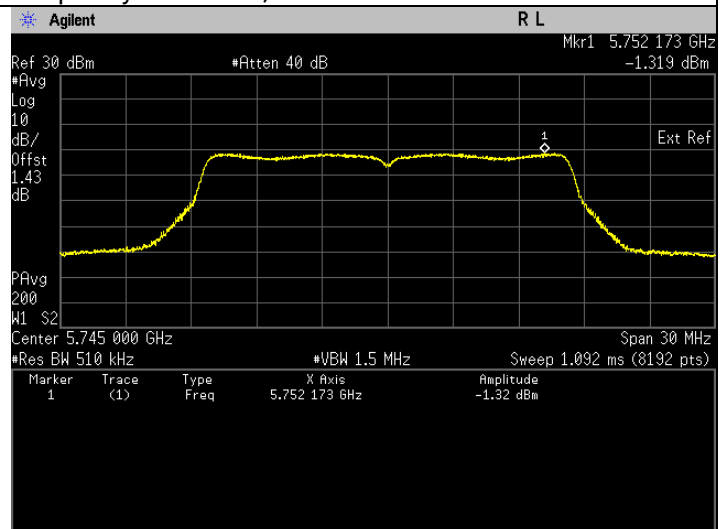
Frequency 5500 MHz, FCC & ISSED.



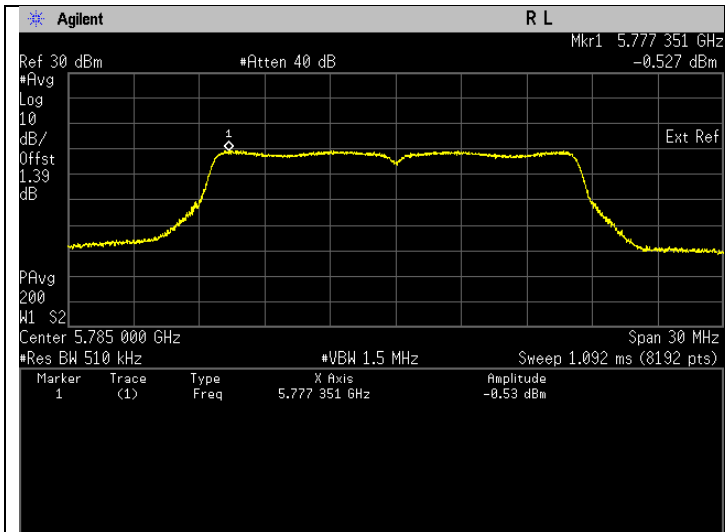
Frequency 5580 MHz, FCC & ISSED.



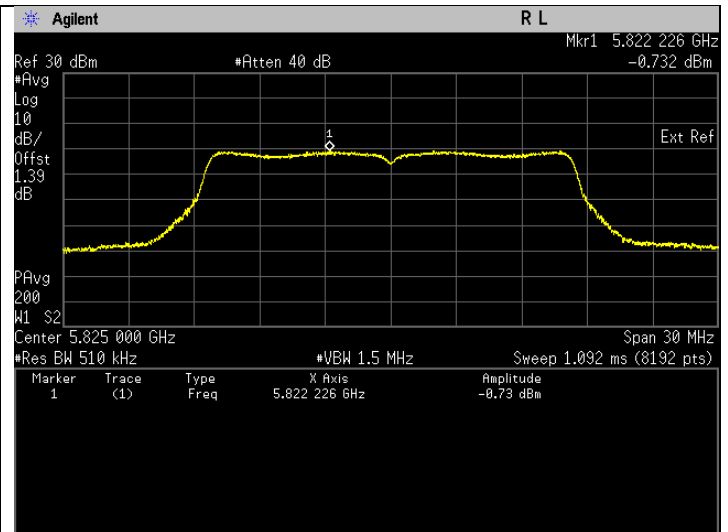
Frequency 5700 MHz, FCC & ISSED.



Frequency 5745 MHz, FCC & ISSED.



Frequency 5785 MHz, FCC & ISD.



Frequency 5825 MHz, FCC & ISD.

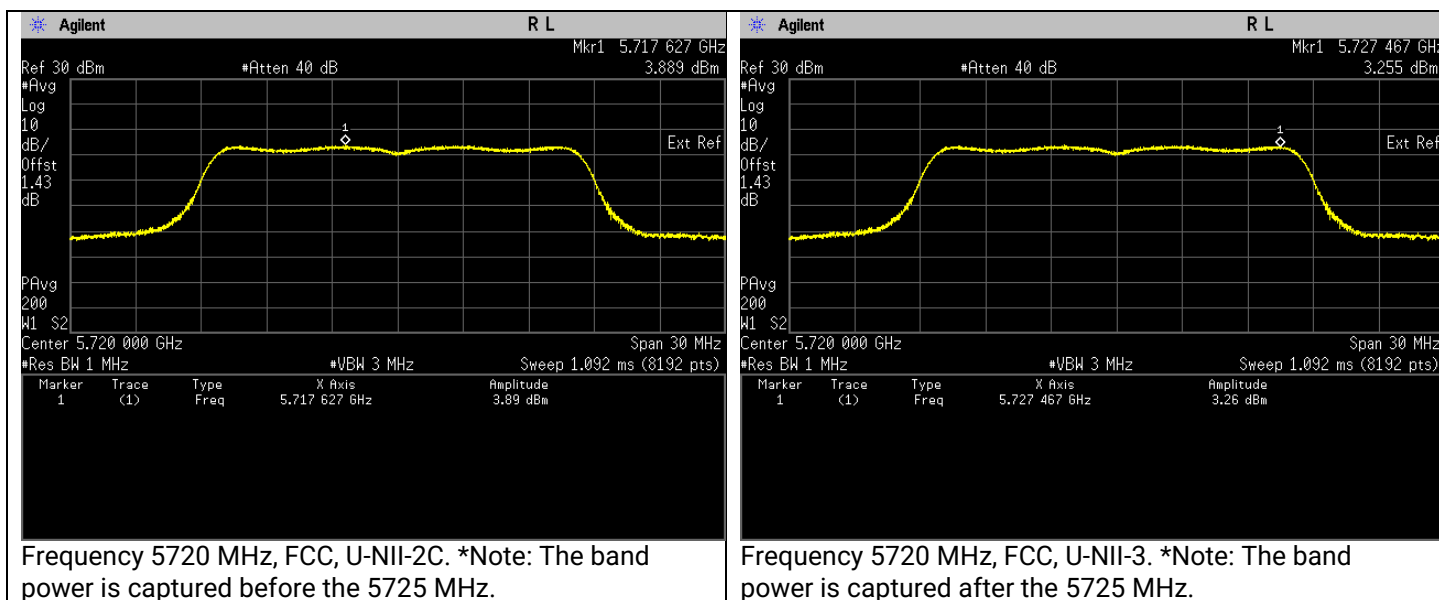
Straddle Frequency for 802.11a (26dB EBW)

Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
		U-NII- 2C	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.029	Pass
Freq. (MHz)	Test Conditions	U-NII-3	
		Power/Frequency (dBm/500kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.395	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	4.00	4.029	8.029	Pass
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	U-NII-3		
			Power/Frequency (dBm/500kHz)	EIRP (dBm/50 0kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.00	3.395	7.395	Pass

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



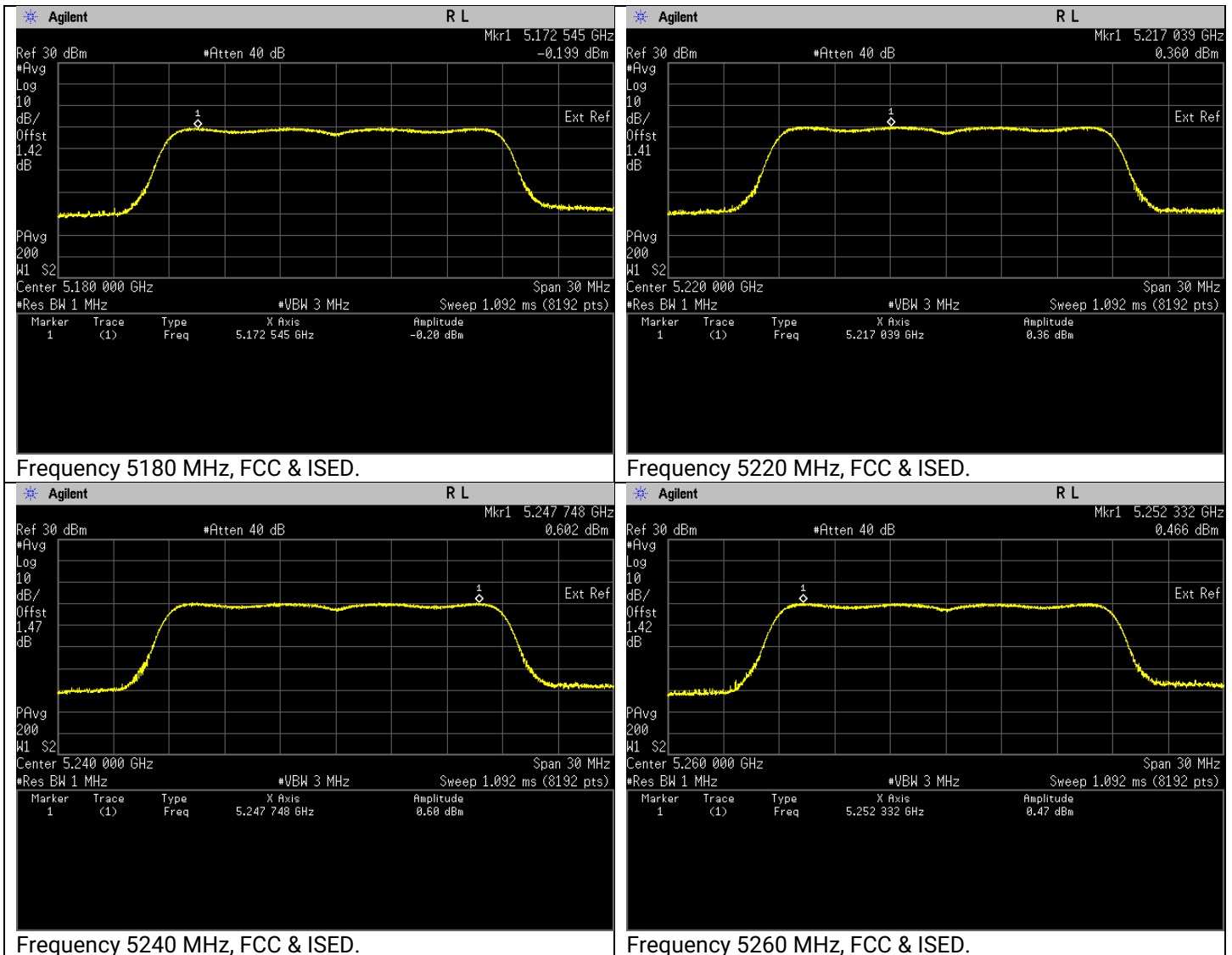
802.11n (HT20)(26dB EBW)

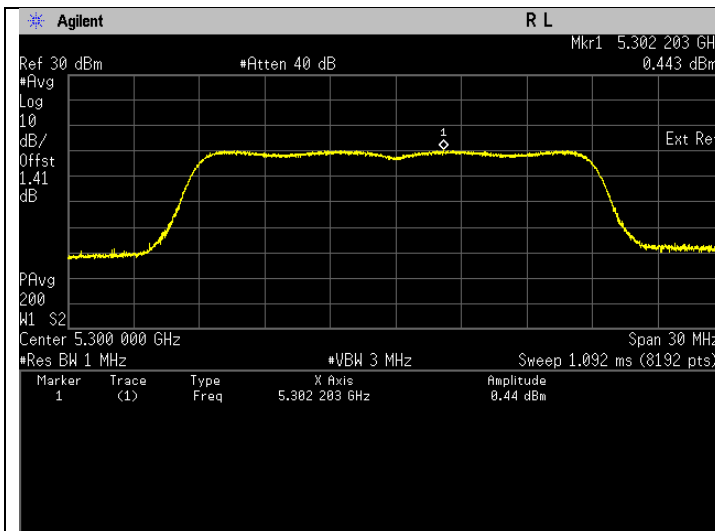
Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-0.107	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.452	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.694	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.558	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.535	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.233	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.994	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.909	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.931	Pass
Freq. (MHz)	Test Conditions	Power/Frequency (dBm/500kHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-1.271	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-1.507	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-1.570	Pass

802.11n (HT20) (99% EBW)

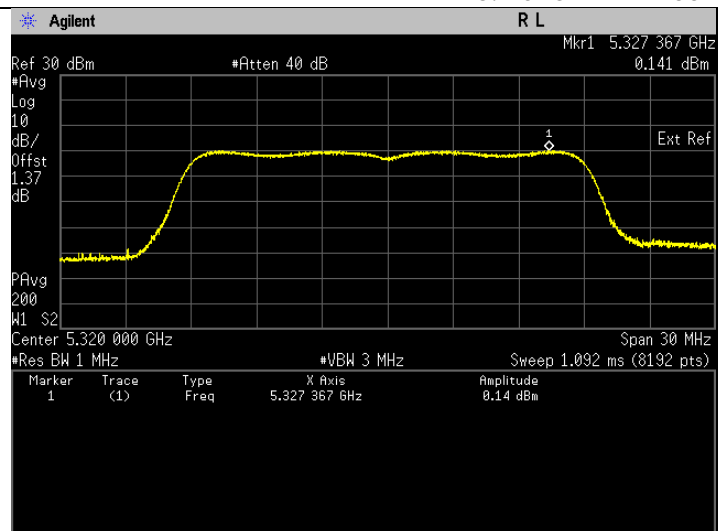
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results			
			Power/Frequency (dBm/MHz)	Status	EIRP (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	-0.107	Pass	4.893	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	0.452	Pass	5.452	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	5.00	0.694	Pass	5.694	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	0.558	Pass	4.558	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	0.535	Pass	4.535	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	0.233	Pass	4.233	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	0.994	Pass	4.994	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	0.909	Pass	4.909	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	0.931	Pass	4.931	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: 6.5	6.00	-1.271	Pass	4.729	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	-1.507	Pass	4.493	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.00	-1.570	Pass	4.430	Pass

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

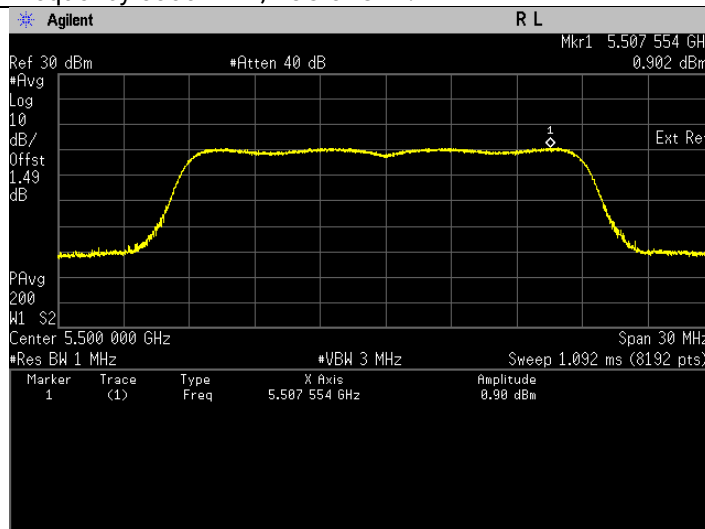




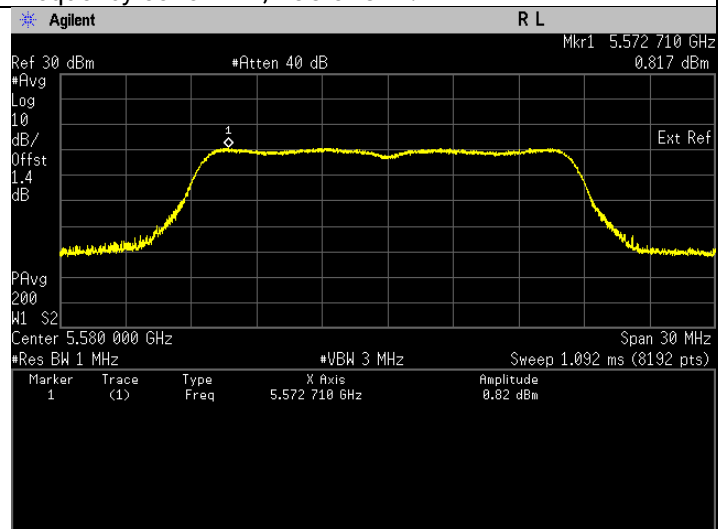
Frequency 5300 MHz, FCC & ISSED.



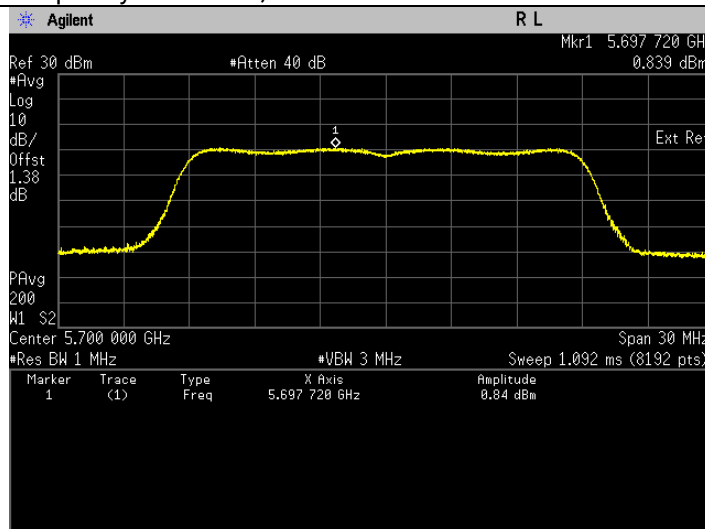
Frequency 5320 MHz, FCC & ISSED.



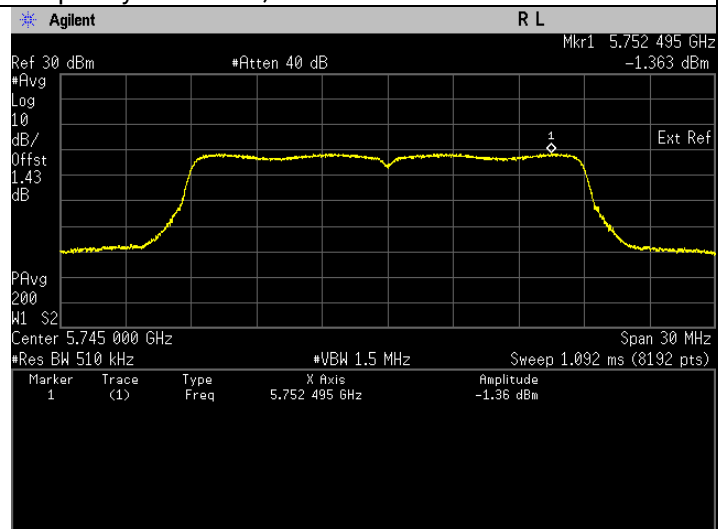
Frequency 5500 MHz, FCC & ISSED.



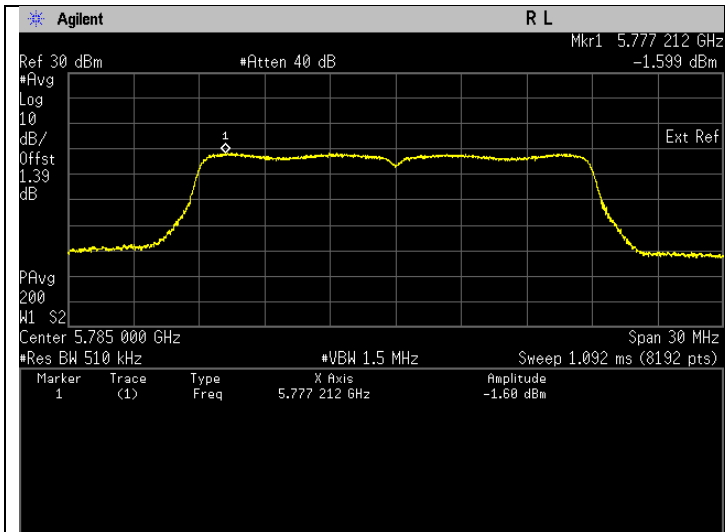
Frequency 5580 MHz, FCC & ISSED.



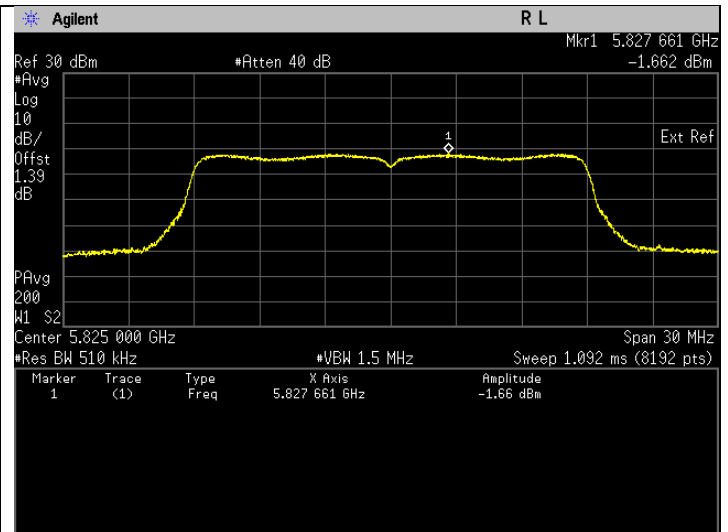
Frequency 5700 MHz, FCC & ISSED.



Frequency 5745 MHz, FCC & ISSED.



Frequency 5785 MHz, FCC & ISED.



Frequency 5825 MHz, FCC & ISED.

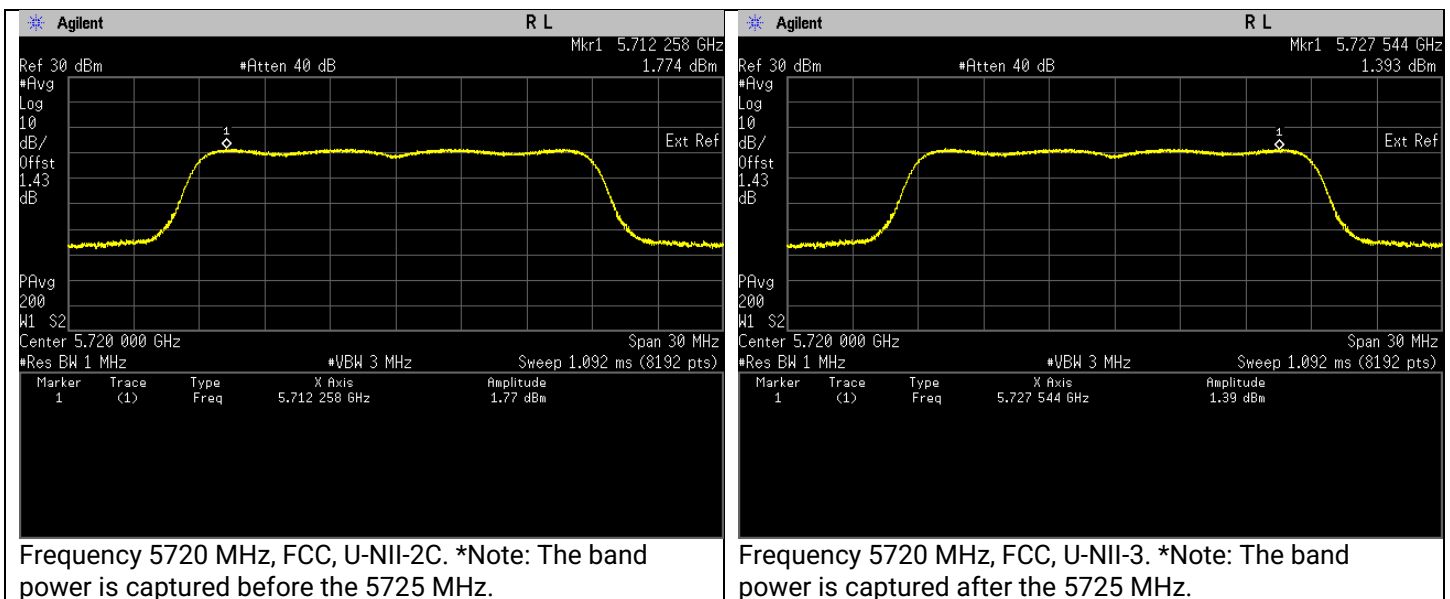
Straddle Frequency for 802.11n (HT20) (26dB EBW)

Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
		U-NII- 2C	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.866	Pass
Freq. (MHz)	Test Conditions	U-NII-3	
		Power/Frequency (dBm/500kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.485	Pass

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

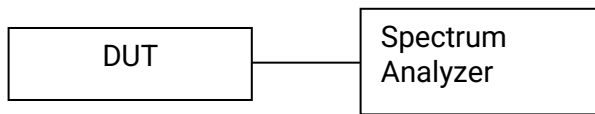
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results		
			Power/Frequency (dBm/MHz)	EIRP (dBm/ MHz)	Status
			U-NII- 2C		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	1.866	5.866	Pass
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	U-NII-3		
			Power/Frequency (dBm/500kHz)	EIRP (dBm/5 00kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.00	1.485	5.485	Pass

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



7.4. 6dB Bandwidth

7.4.1. Test Setup



- a) Test setup as per illustrated above.
- b) Set DUT to transmit at desire transmit frequency.
- c) 6dB bandwidth is applicable for the band 5.725-5.85GHz only.
- d) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- e) Setting of Spectrum analyzer :
 - RBW = 100 kHz
 - VBW $\geq 3 \cdot$ RBW
 - Detector = Peak
 - Trace = Max Hold
 - Sweep = Auto couple
- f) Allow trace to stabilize.
- g) 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.
- h) 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.

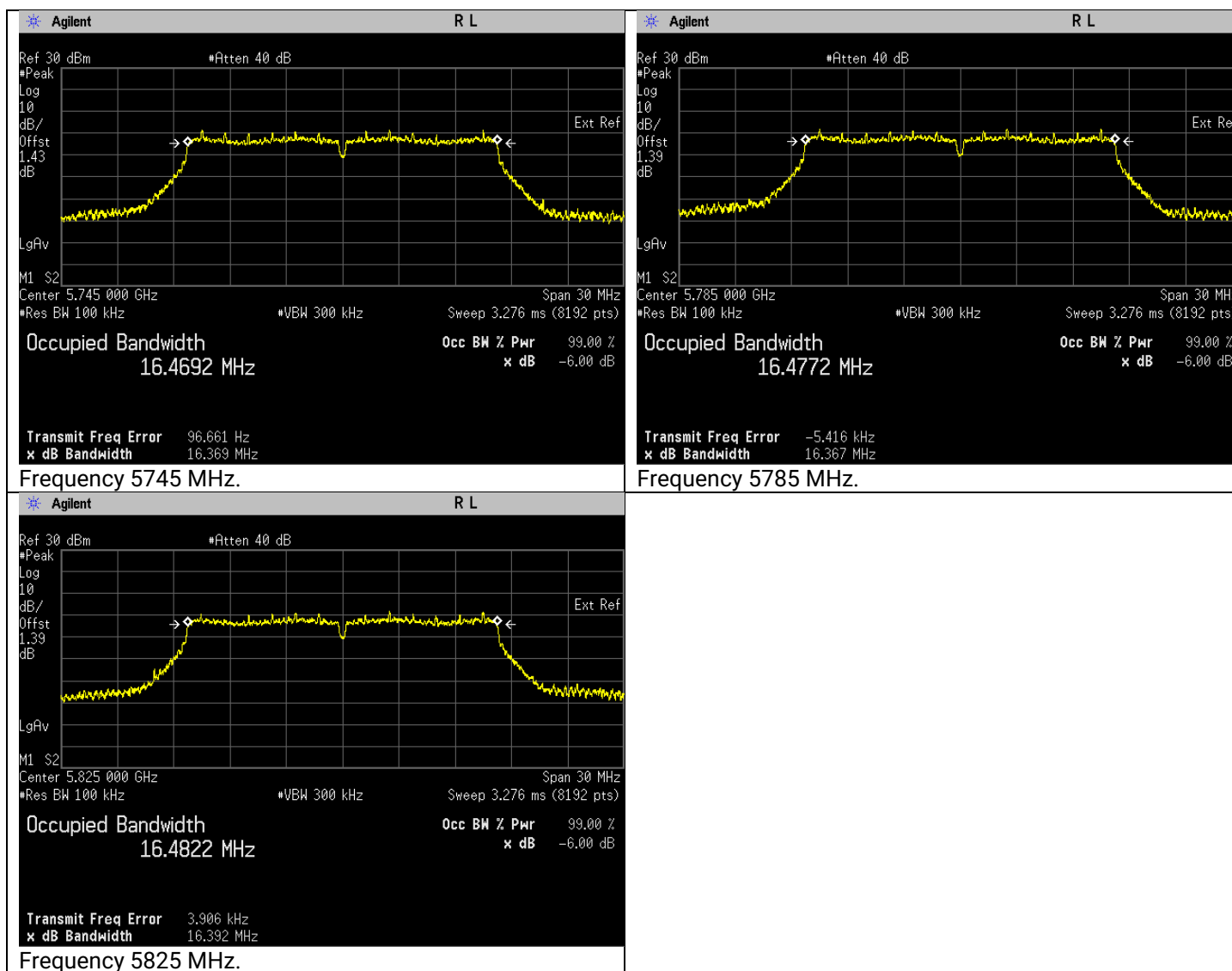
RSS 247 6.2.4

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

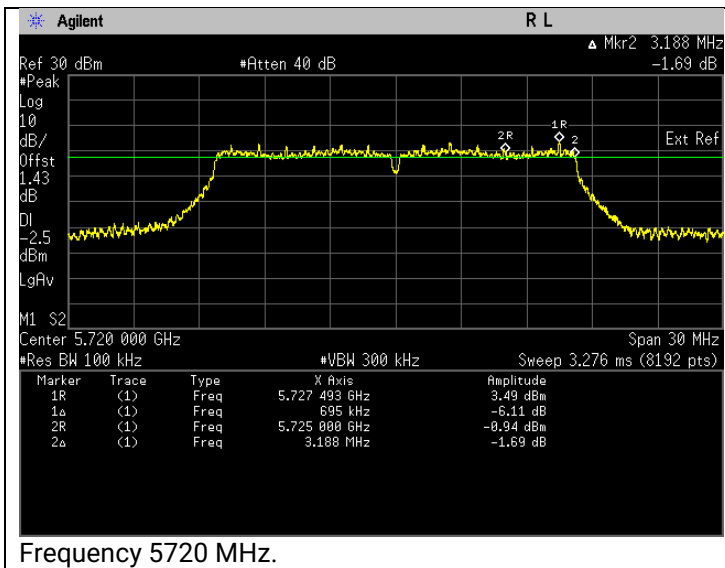
Freq. (MHz)	Test Configuration	Results	
		Bandwidth(MHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.369	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.367	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.392	Pass



Straddle Frequency for 802.11a

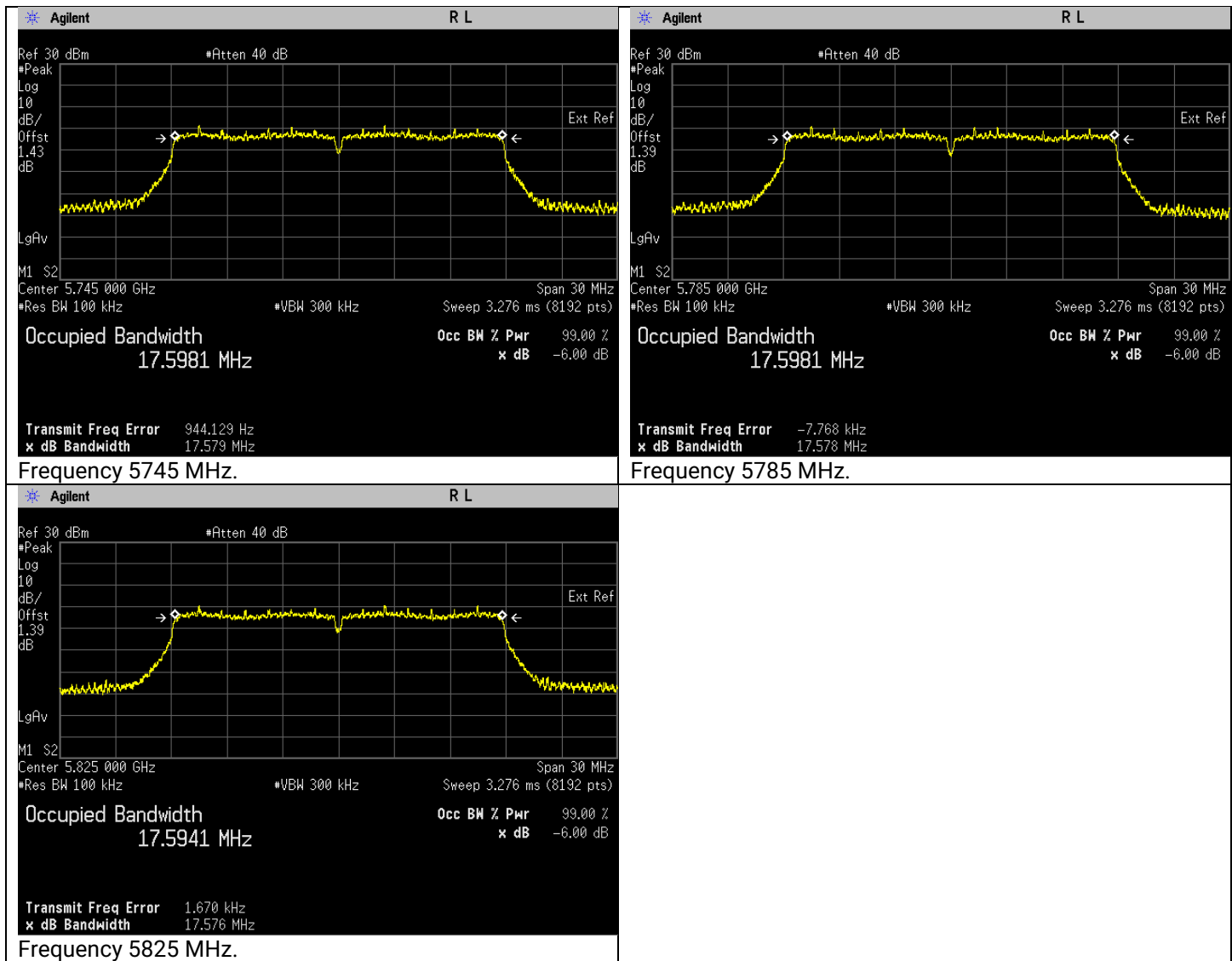
Freq. (MHz)	Test Conditions	Results	
		Power/Freq. (dBm/MHz)	Status
		U-NII- 3	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.188	Pass

Plots for 802.11a Straddle Frequency



802.11n (HT20)

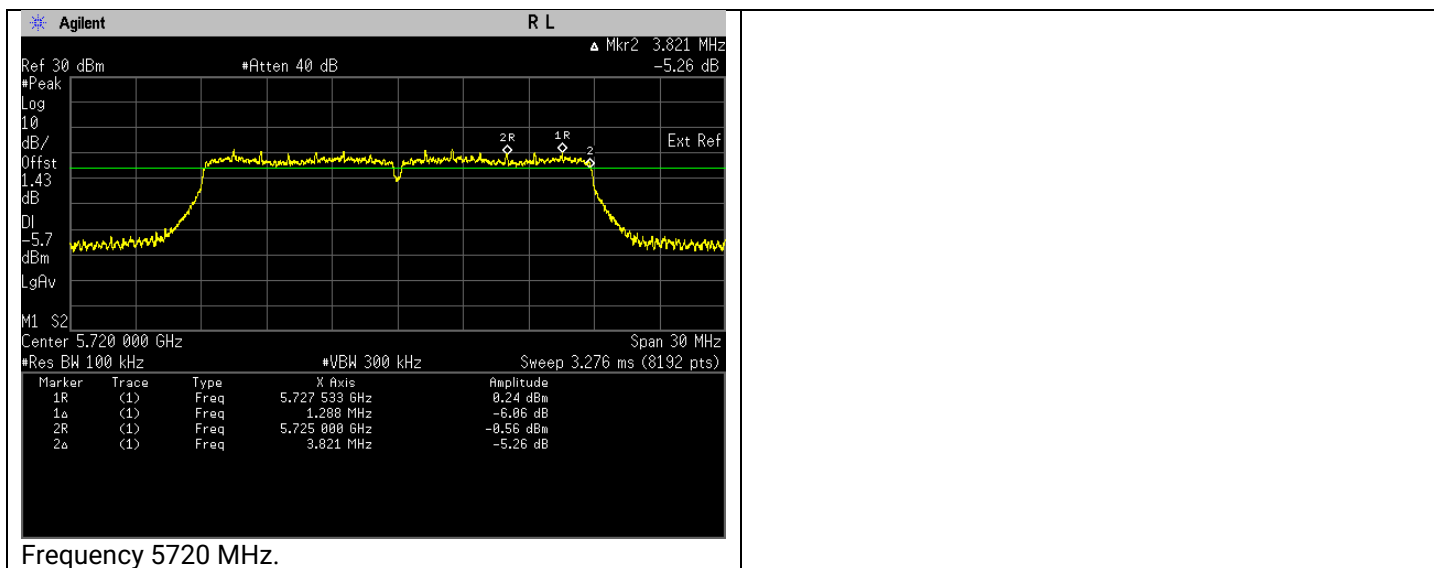
Freq. (MHz)	Test Configuration	Results	
		Bandwidth(MHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.579	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.578	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.576	Pass



Straddle Frequency for 802.11n (HT20)

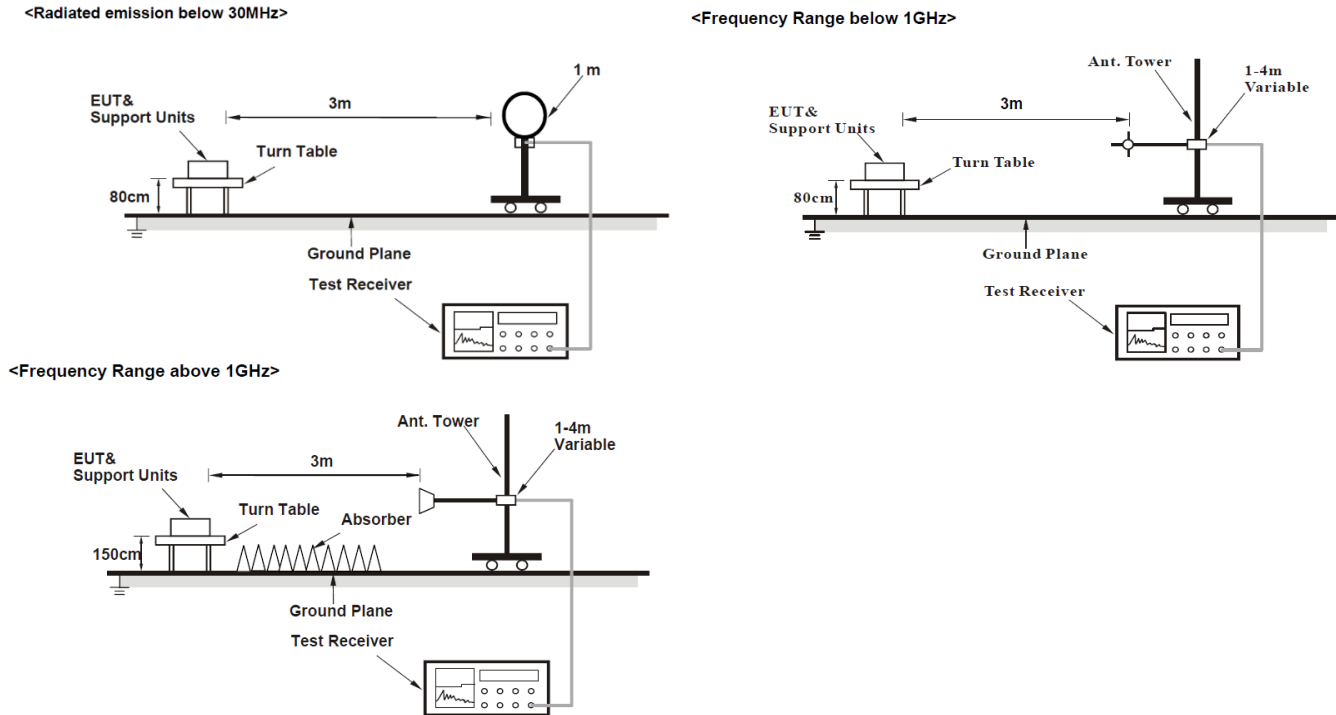
Freq. (MHz)	Test Conditions	Results	
		Power/Freq. (dBm/MHz)	Status
		U-NII- 3	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.821	Pass

Plots for 802.11n (HT20) Straddle Frequency



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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	5081.8930	42.03	54.00	11.97
Vertical	Average	5083.8410	42.01	54.00	11.99
Vertical	Average	5084.8900	42.03	54.00	11.97
Vertical	Peak	5143.7810	65.05	74.00	8.95
Vertical	Peak	5144.2310	64.94	74.00	9.06
Vertical	Peak	5144.5300	65.14	74.00	8.86
Vertical	Peak	5144.8300	64.80	74.00	9.20
Vertical	Peak	5145.2800	65.11	74.00	8.89
Vertical	Peak	5145.5800	64.75	74.00	9.25
Vertical	Peak	5147.8270	66.19	74.00	7.81
Vertical	Peak	5148.1270	66.66	74.00	7.34
Vertical	Peak	5148.7260	67.15	74.00	6.85
Vertical	Average	5149.9250	47.91	54.00	6.09
Horizontal	Average	5149.9250	42.42	54.00	11.58
Vertical	Peak	5149.9250	67.13	74.00	6.87
Vertical	Average	5150.0000	47.86	54.00	6.14
Horizontal	Average	5150.0000	42.56	54.00	11.44
Vertical	Peak	5150.0000	67.17	74.00	6.83
Horizontal	Peak	5150.0000	53.04 *	74.00	20.96

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

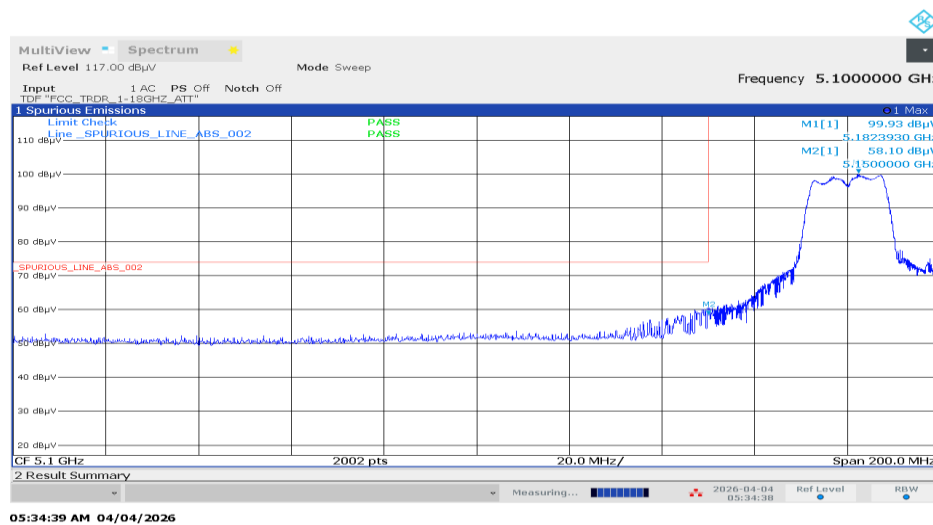
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

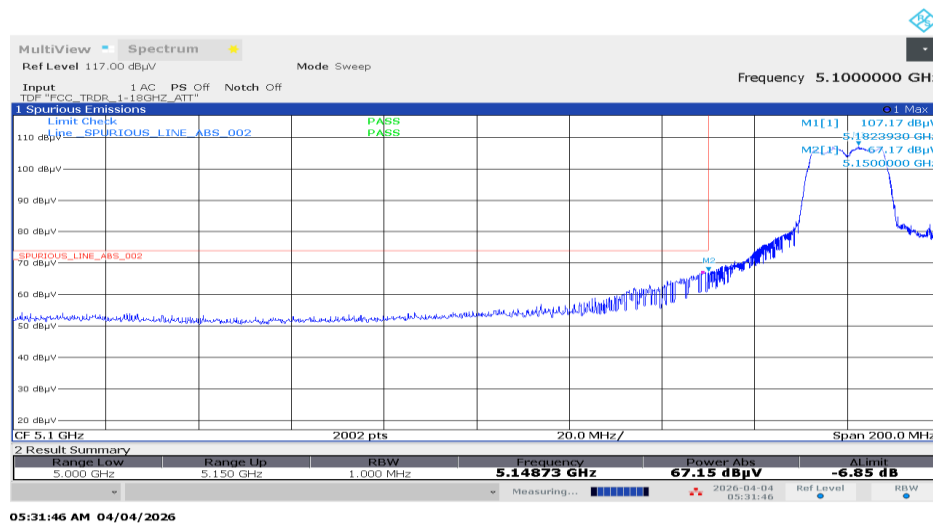
NOTE :

- 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.

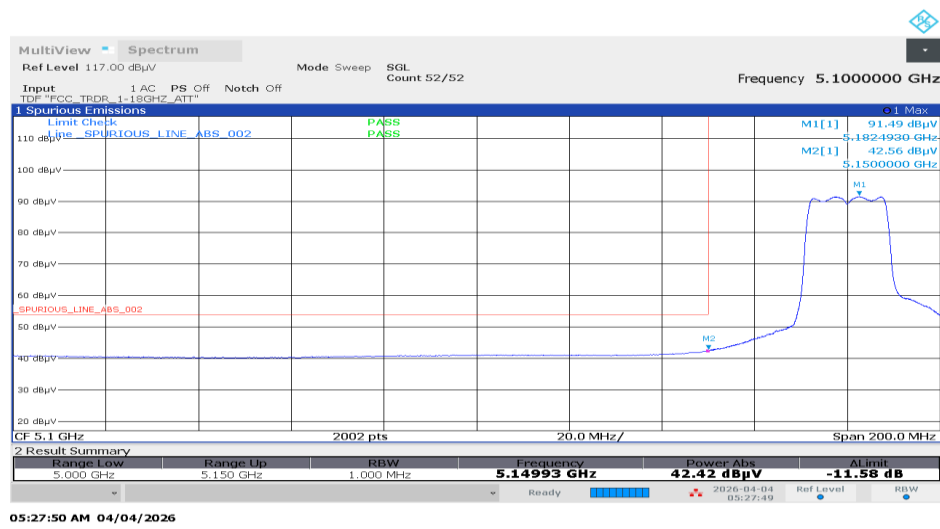
Restricted Band Edge (Peak, Horizontal)



Restricted Band Edge (Peak, Vertical)



Restricted Band Edge (Average, Horizontal)



Restricted Band Edge (Average, Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	47.67	54.00	6.33
Horizontal	Average	5350.0000	42.06	54.00	11.94
Vertical	Peak	5350.0000	61.72	74.00	12.28
Horizontal	Peak	5350.0000	60.91	74.00	13.09
Horizontal	Average	5350.1250	42.06	54.00	11.94
Vertical	Average	5350.1750	47.72	54.00	6.28
Horizontal	Average	5350.3250	42.23	54.00	11.77
Horizontal	Average	5350.5740	42.07	54.00	11.93
Horizontal	Average	5350.7240	42.07	54.00	11.93
Horizontal	Average	5352.5720	42.00	54.00	12.00

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 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.

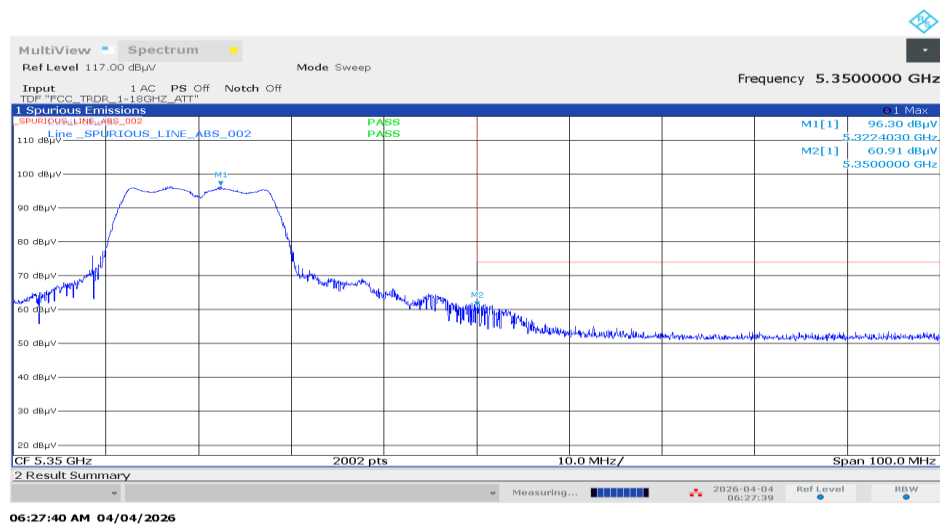
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

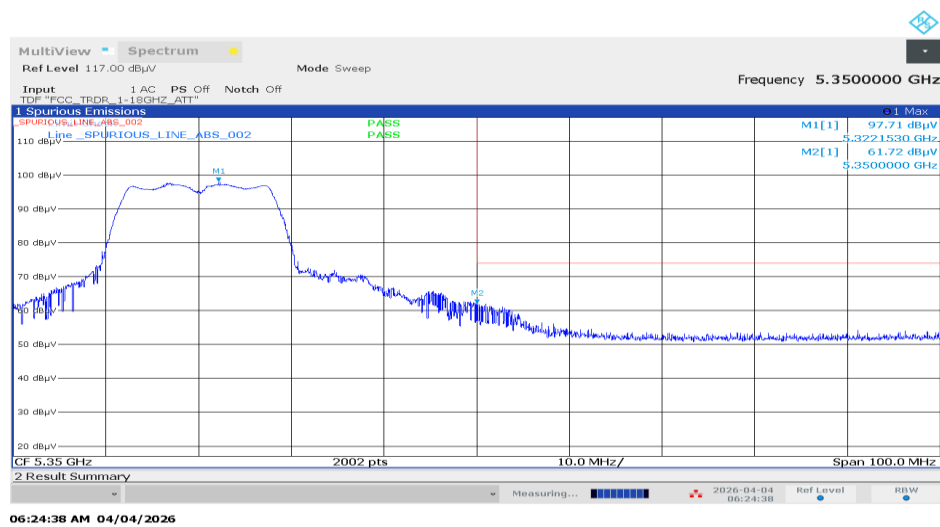
1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

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)



Restricted Band Edge (Average, Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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)
Vertical	Average	5397.4380	42.06	54.00	11.94
Vertical	Average	5401.0130	42.06	54.00	11.94
Vertical	Average	5401.8370	42.06	54.00	11.94
Vertical	Average	5404.0380	42.04	54.00	11.96
Vertical	Average	5405.4130	42.03	54.00	11.97
Vertical	Average	5405.9620	42.02	54.00	11.98
Vertical	Average	5407.3370	42.18	54.00	11.82
Vertical	Average	5419.1630	42.10	54.00	11.90
Vertical	Average	5420.8130	42.15	54.00	11.85
Vertical	Average	5423.0130	42.03	54.00	11.97
Vertical	Average	5463.2750	42.00	54.00	12.00
Vertical	Average	5464.3250	42.05	54.00	11.95
Vertical	Average	5464.7250	42.12	54.00	11.88
Vertical	Average	5465.2750	42.03	54.00	11.97
Horizontal	Peak	5465.3250	58.77	68.20	9.43
Vertical	Peak	5466.7750	61.63	68.20	6.57
Vertical	Peak	5467.3750	61.42	68.20	6.78
Horizontal	Peak	5467.7250	59.38	68.20	8.82
Vertical	Peak	5467.9750	61.63	68.20	6.57
Vertical	Peak	5468.2750	61.82	68.20	6.38
Horizontal	Peak	5468.2750	59.86	68.20	8.34
Horizontal	Peak	5468.4250	58.87	68.20	9.33
Vertical	Peak	5468.4750	61.46	68.20	6.74
Vertical	Peak	5468.7750	61.79	68.20	6.41
Horizontal	Peak	5468.8250	58.83	68.20	9.37
Vertical	Peak	5468.9250	61.54	68.20	6.66
Vertical	Peak	5469.0750	61.36	68.20	6.84
Horizontal	Peak	5469.4250	58.81	68.20	9.39
Vertical	Average	5469.5750	42.70	54.00	11.30
Vertical	Peak	5469.7250	62.07	68.20	6.13
Vertical	Peak	5469.9750	60.90	68.20	7.30
Vertical	Average	5470.0000	43.01	54.00	10.99
Horizontal	Average	5470.0000	41.70	54.00	12.30
Vertical	Peak	5470.0000	52.32	68.20	15.88
Horizontal	Peak	5470.0000	51.00	68.20	17.20

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sun, 5 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.

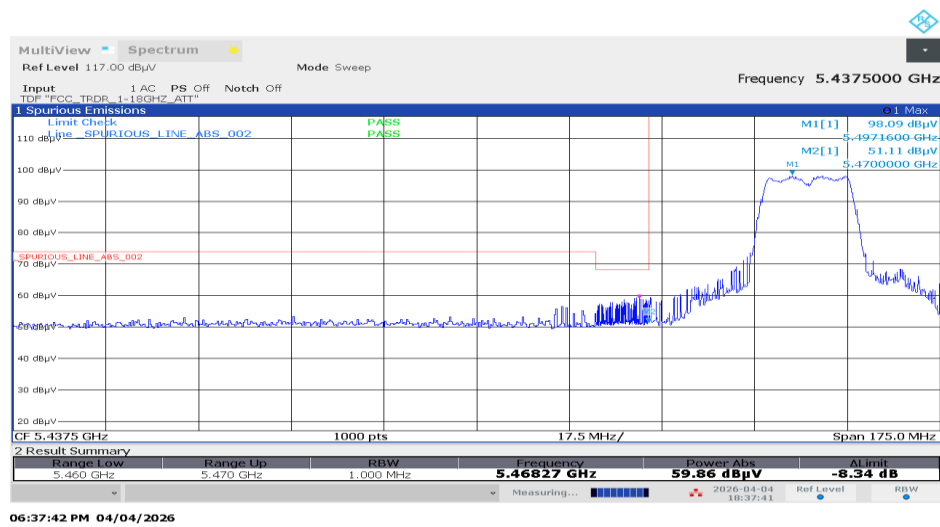
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

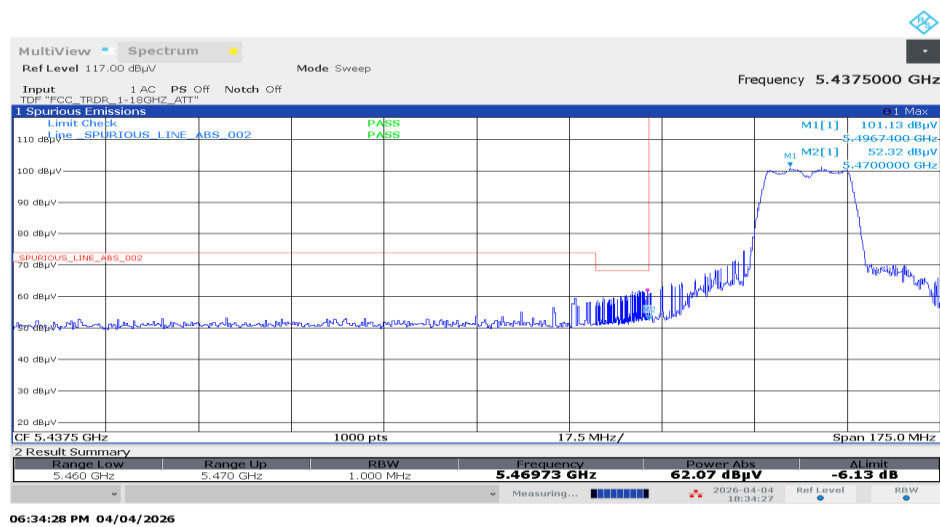
1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

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)



Restricted Band Edge (Average, Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	60.10	68.20	8.10
Horizontal	Peak	5725.0000	58.05	68.20	10.15
Horizontal	Peak	5725.1500	61.82	68.20	6.38
Vertical	Peak	5725.5490	61.90	68.20	6.30
Horizontal	Peak	5726.2490	61.88	68.20	6.32
Vertical	Peak	5726.4490	61.56	68.20	6.64
Vertical	Peak	5726.7490	60.80	68.20	7.40
Horizontal	Peak	5727.0480	60.14	68.20	8.06
Horizontal	Peak	5727.9470	59.92	68.20	8.28
Vertical	Peak	5729.2460	61.38	68.20	6.82
Horizontal	Peak	5729.6460	60.34	68.20	7.86
Vertical	Peak	5730.0450	61.68	68.20	6.52
Horizontal	Peak	5730.2450	60.13	68.20	8.07
Vertical	Peak	5731.0440	61.05	68.20	7.15
Horizontal	Peak	5731.3440	59.83	68.20	8.37
Horizontal	Peak	5733.0420	60.28	68.20	7.92
Vertical	Peak	5734.0410	60.88	68.20	7.32
Horizontal	Peak	5734.9400	60.20	68.20	8.00
Vertical	Peak	5736.6380	60.44	68.20	7.76
Vertical	Peak	5738.6360	60.67	68.20	7.53
Vertical	Peak	5749.7250	58.25	68.20	9.95
Horizontal	Peak	5749.7250	58.26	68.20	9.94

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Sun, 5 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

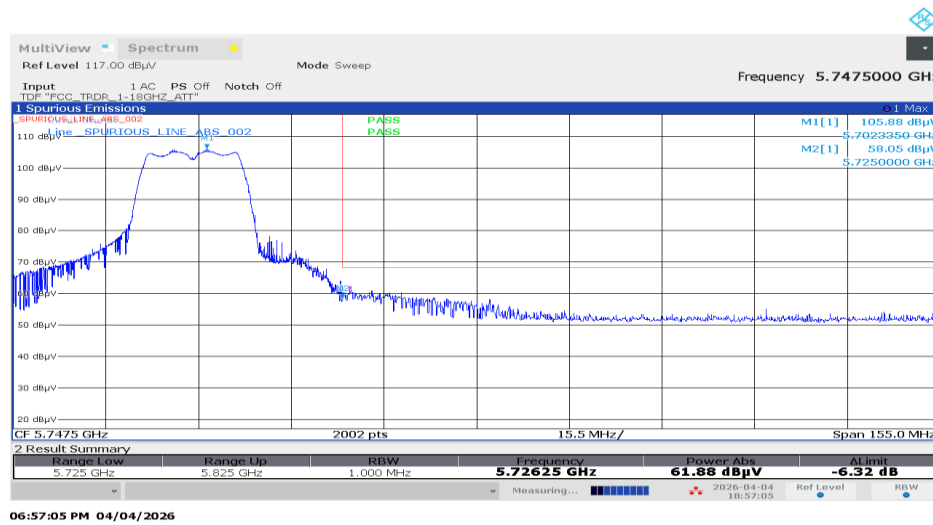
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

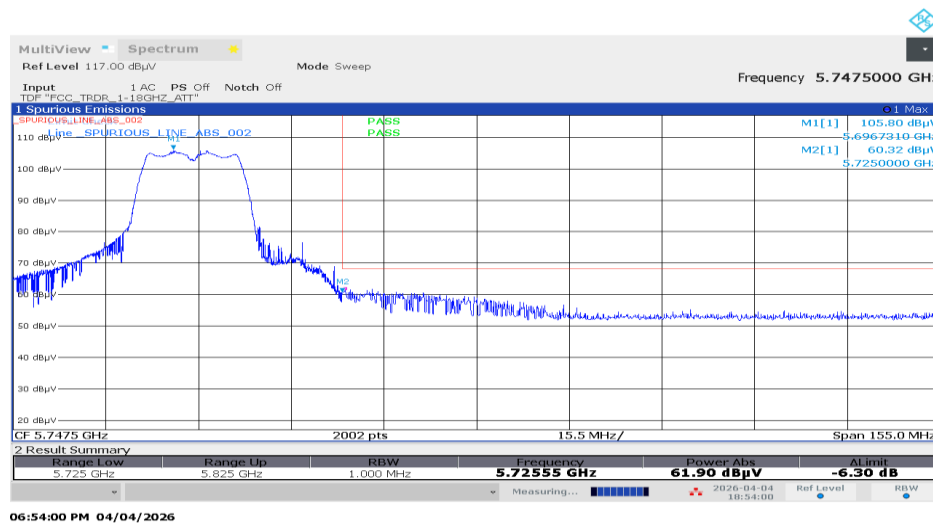
NOTE :

- 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)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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 & Rezza Test Date : Sat, 4 Apr, 2026
System MU : null

Remarks:

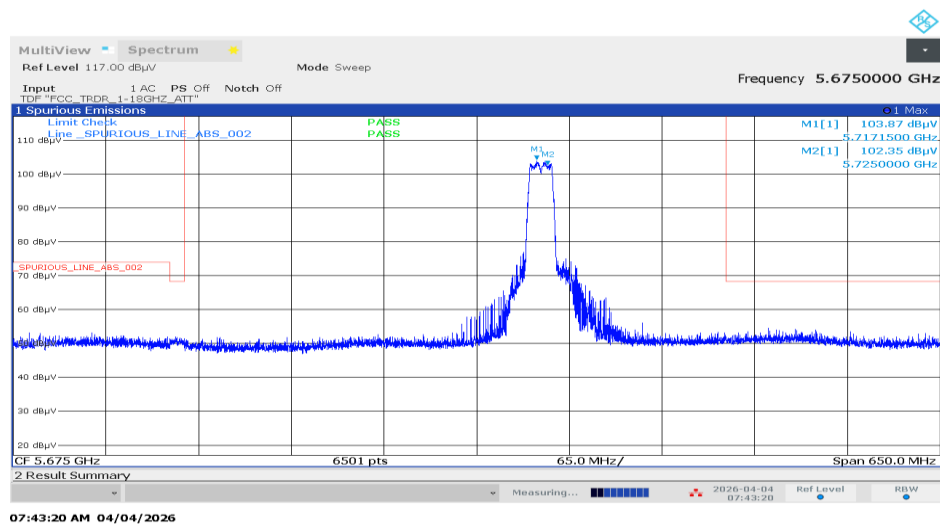
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

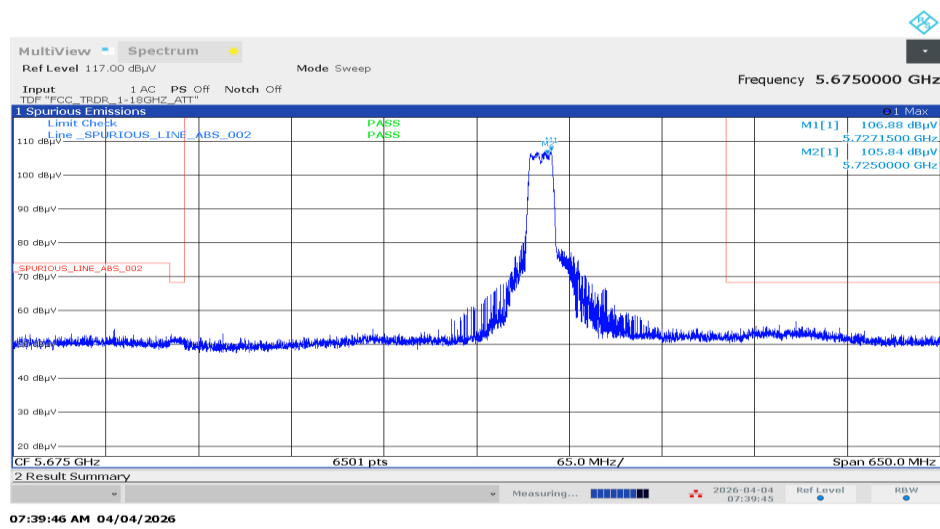
NOTE :

- 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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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- 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	50.78 *	122.20	71.42
Horizontal	Peak	5725.0000	50.68 *	122.20	71.52

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Sat, 4 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

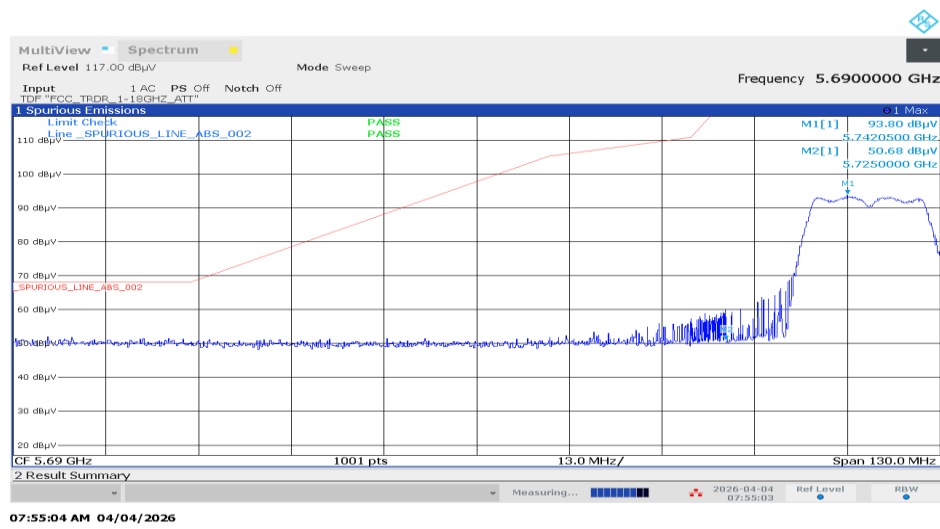
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

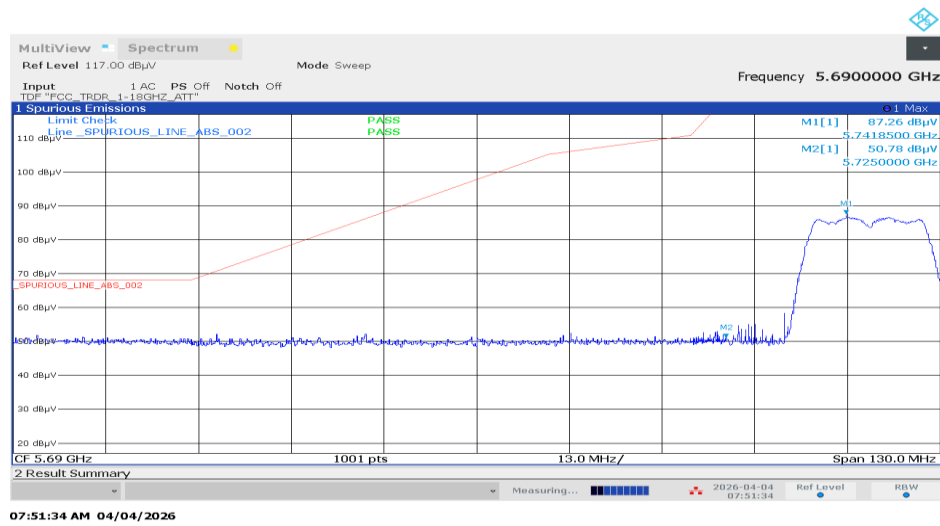
NOTE :

- 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)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	62.10 *	122.20	60.10
Horizontal	Peak	5850.0000	58.64 *	122.20	63.56

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Sat, 4 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

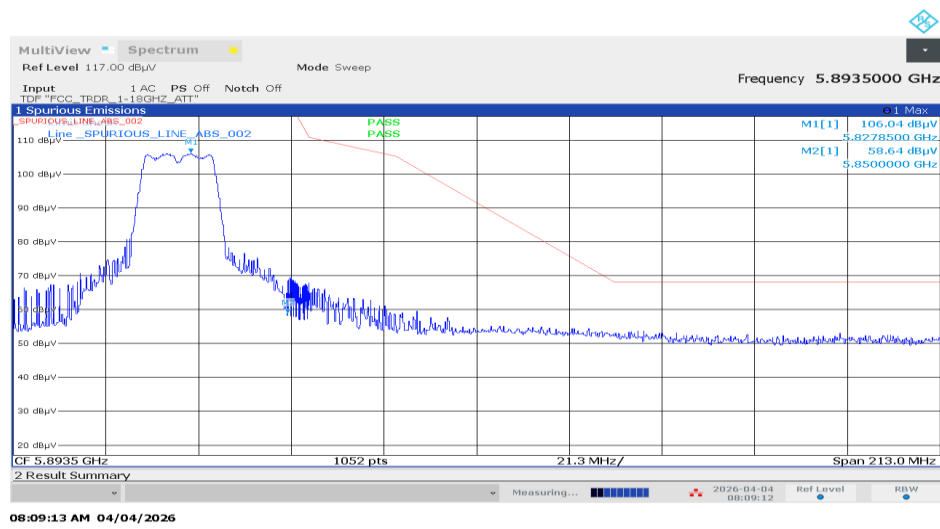
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

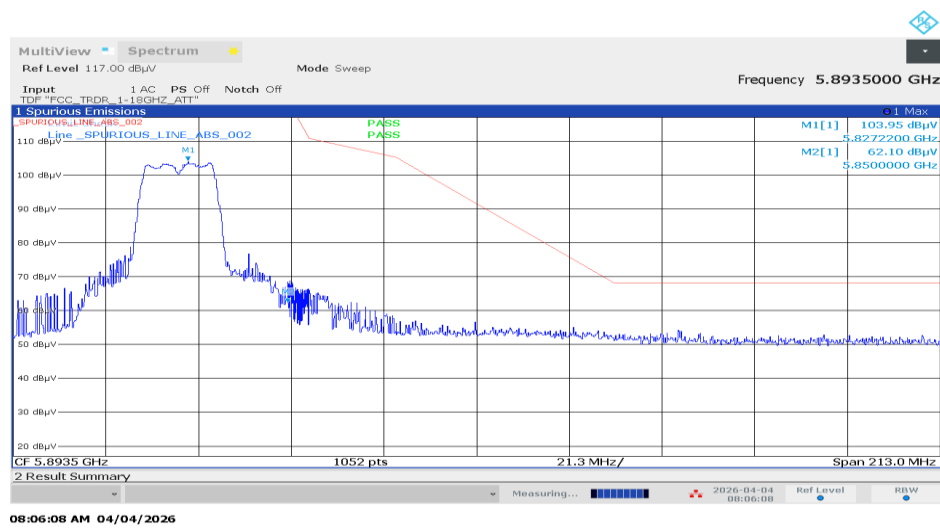
NOTE :

- 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)



802.11n (HT20)

SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	Average	5086.6880	42.01	54.00	11.99
Vertical	Average	5086.9880	42.01	54.00	11.99
Vertical	Average	5088.0370	42.03	54.00	11.97
Vertical	Average	5088.6360	42.04	54.00	11.96
Vertical	Average	5089.2360	42.06	54.00	11.94
Vertical	Average	5090.4350	42.08	54.00	11.92
Vertical	Average	5091.0340	42.03	54.00	11.97
Vertical	Peak	5142.2830	64.04	74.00	9.96
Horizontal	Average	5143.3320	42.12	54.00	11.88
Vertical	Peak	5143.4810	64.53	74.00	9.47
Vertical	Peak	5145.2800	64.53	74.00	9.47
Vertical	Peak	5146.6280	65.05	74.00	8.95
Vertical	Peak	5148.4270	65.44	74.00	8.56
Vertical	Peak	5149.0260	65.91	74.00	8.09
Horizontal	Average	5149.7750	42.84	54.00	11.16
Vertical	Average	5149.9250	44.94	54.00	9.06
Vertical	Peak	5149.9250	64.86	74.00	9.14
Vertical	Average	5150.0000	44.89	54.00	9.11
Horizontal	Average	5150.0000	42.91	54.00	11.09
Vertical	Peak	5150.0000	57.50	74.00	16.50
Horizontal	Peak	5150.0000	58.70	74.00	15.30

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

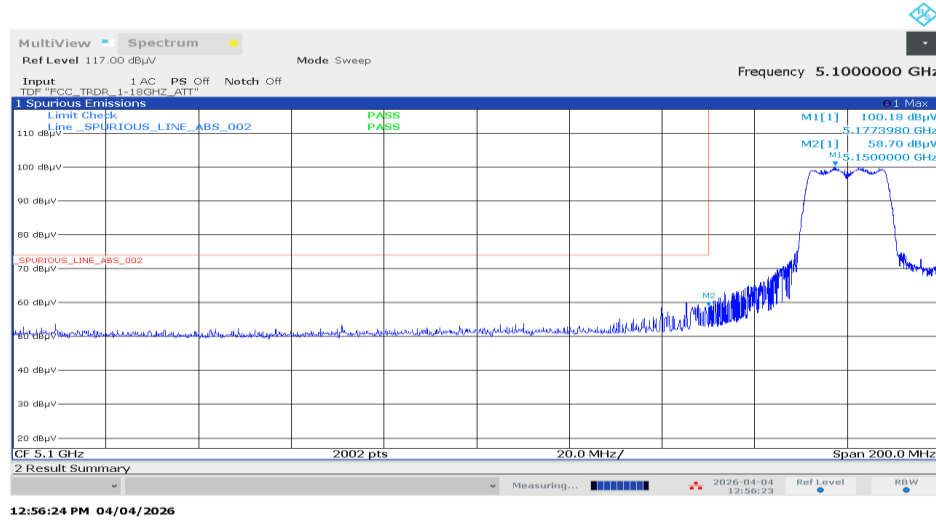
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

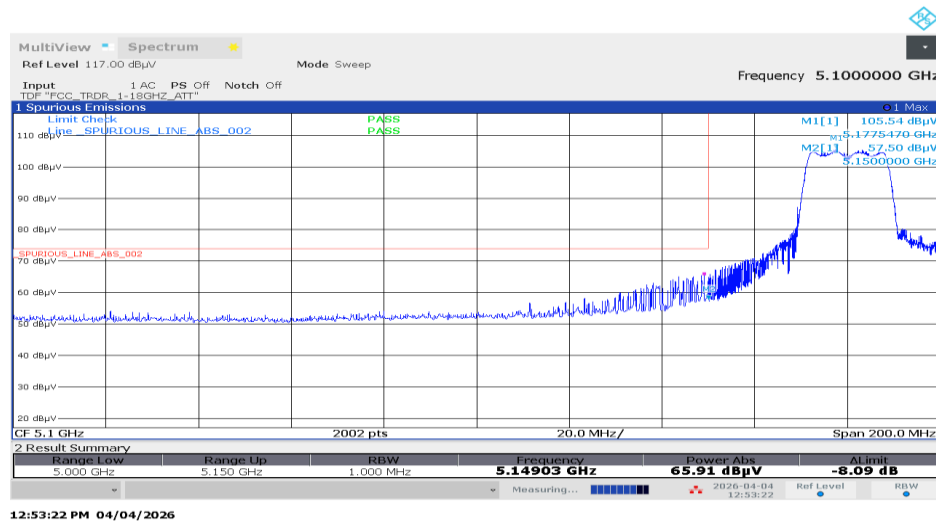
NOTE :

- 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)



Restricted Band Edge (Average, Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	45.64	54.00	8.36
Horizontal	Average	5350.0000	42.76	54.00	11.24
Vertical	Peak	5350.0000	62.45	74.00	11.55
Horizontal	Peak	5350.0000	52.51 *	74.00	21.49
Horizontal	Average	5350.2750	42.76	54.00	11.24
Vertical	Average	5350.4750	45.69	54.00	8.31
Horizontal	Average	5353.9710	42.01	54.00	11.99
Horizontal	Average	5354.1710	42.02	54.00	11.98

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 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.

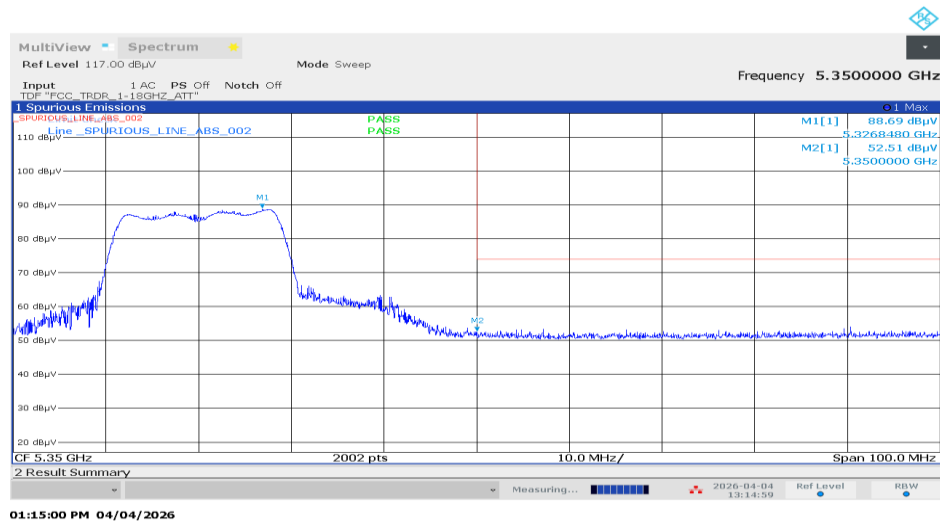
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

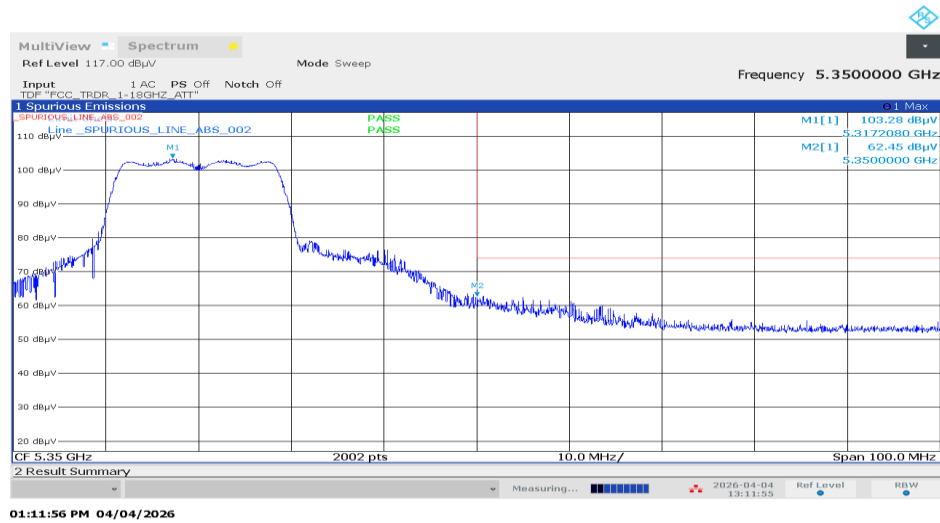
1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

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

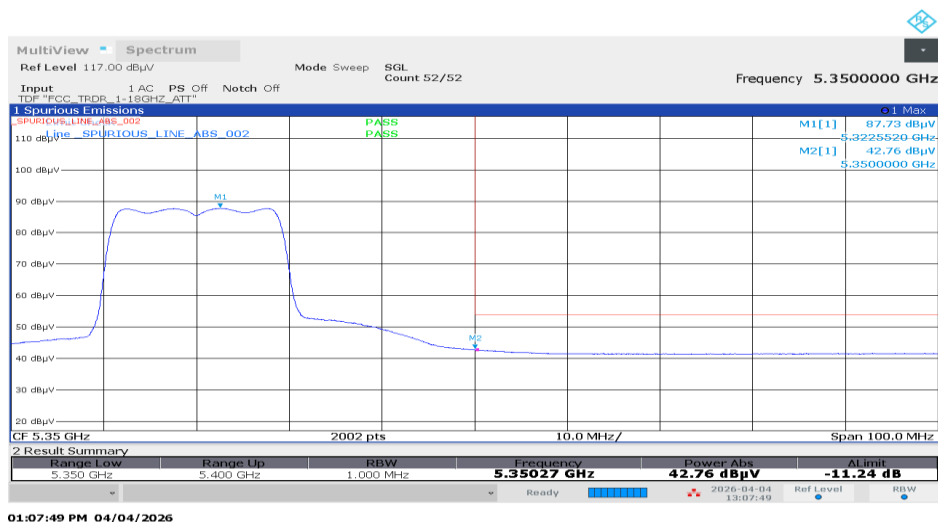
Restricted Band Edge (Peak, Horizontal)



Restricted Band Edge (Peak, Vertical)



Restricted Band Edge (Average, Horizontal)



Restricted Band Edge (Average, Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	5464.9750	59.93	68.20	8.27
Vertical	Peak	5465.4250	59.91	68.20	8.29
Vertical	Peak	5465.6750	59.16	68.20	9.04
Vertical	Peak	5466.4750	59.73	68.20	8.47
Vertical	Peak	5466.6750	58.99	68.20	9.21
Horizontal	Peak	5467.8250	59.00	68.20	9.20
Vertical	Average	5467.8750	42.04	54.00	11.96
Vertical	Average	5468.1250	42.10	54.00	11.90
Vertical	Peak	5468.6250	59.38	68.20	8.82
Horizontal	Peak	5468.7250	59.41	68.20	8.79
Vertical	Peak	5468.9250	58.50	68.20	9.70
Vertical	Average	5469.0250	42.30	54.00	11.70
Vertical	Peak	5469.2750	59.80	68.20	8.40
Vertical	Peak	5469.5250	59.78	68.20	8.42
Vertical	Peak	5469.8750	59.04	68.20	9.16
Vertical	Average	5470.0000	42.59	54.00	11.41
Horizontal	Average	5470.0000	41.70	54.00	12.30
Vertical	Peak	5470.0000	52.53	68.20	15.67
Horizontal	Peak	5470.0000	50.52	68.20	17.68

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Sat, 4 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

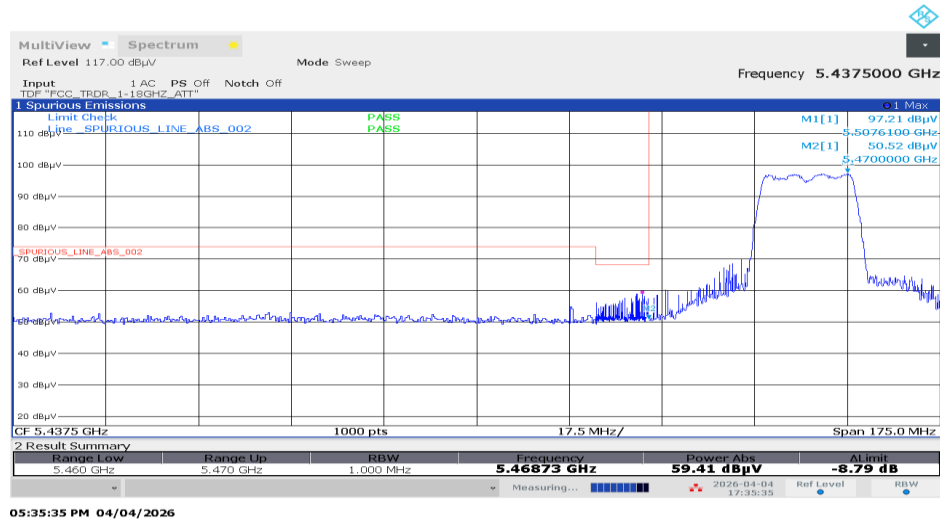
Remarks:

** 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.

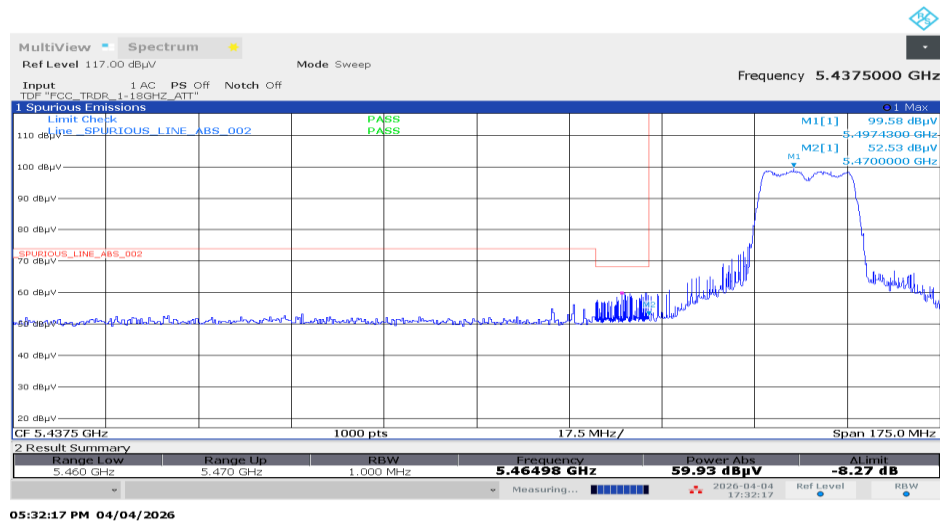
NOTE :

- 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.

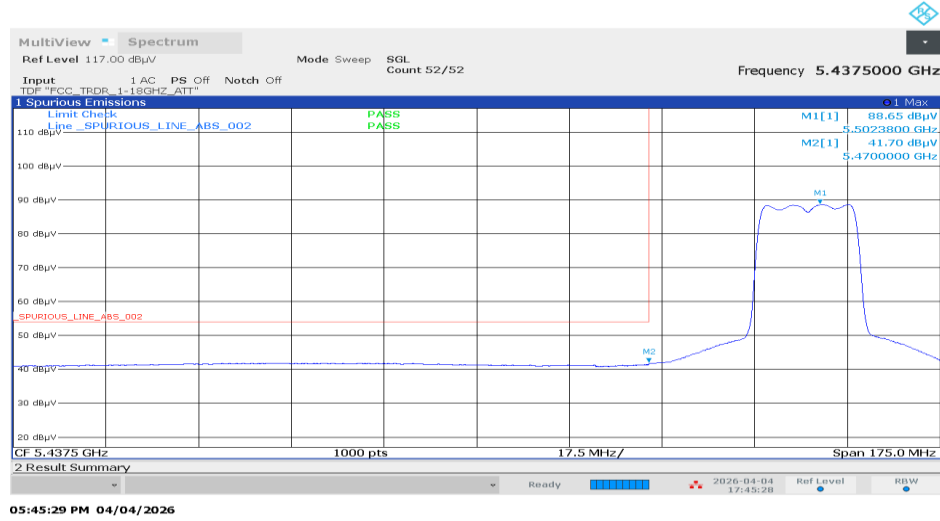
Restricted Band Edge (Peak, Horizontal)



Restricted Band Edge (Peak, Vertical)



Restricted Band Edge (Average, Horizontal)



Restricted Band Edge (Average, Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	57.23	68.20	10.97
Horizontal	Peak	5725.0000	61.59	68.20	6.61
Vertical	Peak	5725.2500	59.11	68.20	9.09
Horizontal	Peak	5725.2500	61.89	68.20	6.31
Horizontal	Peak	5725.6490	61.28	68.20	6.92
Vertical	Peak	5725.8490	59.02	68.20	9.18
Horizontal	Peak	5727.1480	60.24	68.20	7.96
Horizontal	Peak	5729.6460	59.59	68.20	8.61
Horizontal	Peak	5730.4450	60.21	68.20	7.99
Horizontal	Peak	5730.9440	59.41	68.20	8.79
Horizontal	Peak	5732.0430	59.42	68.20	8.78
Horizontal	Peak	5733.0420	59.65	68.20	8.55
Horizontal	Peak	5734.2410	59.72	68.20	8.48
Horizontal	Peak	5741.0340	58.59	68.20	9.61

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 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.

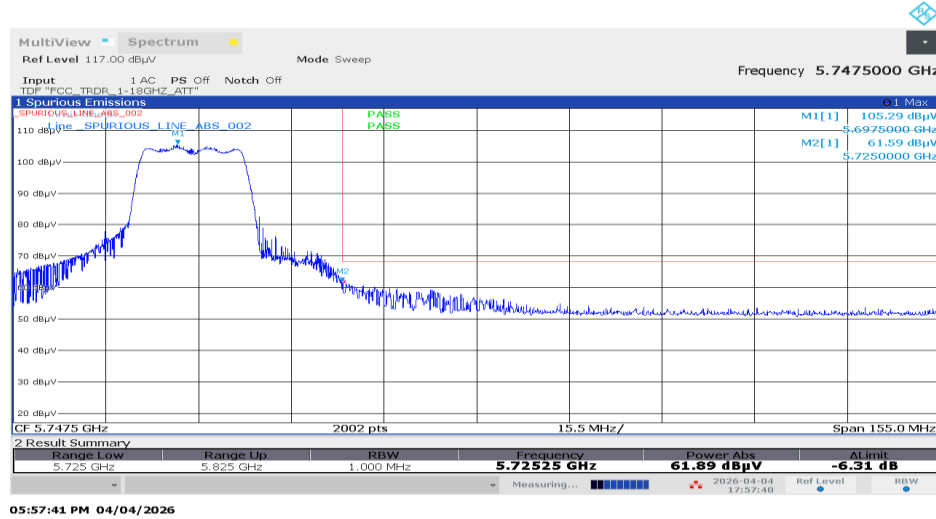
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

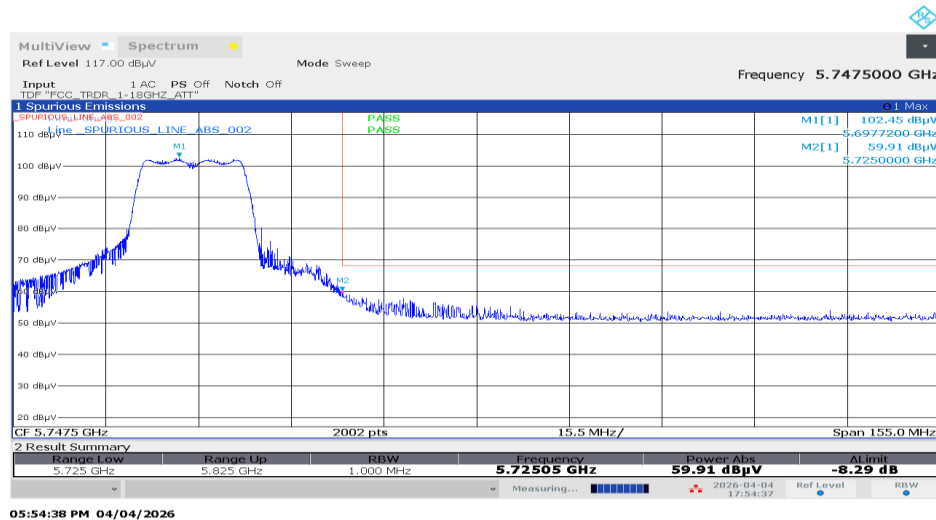
1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

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)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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- 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 & Rezza Test Date : Sat, 4 Apr, 2026
System MU : null

Remarks:

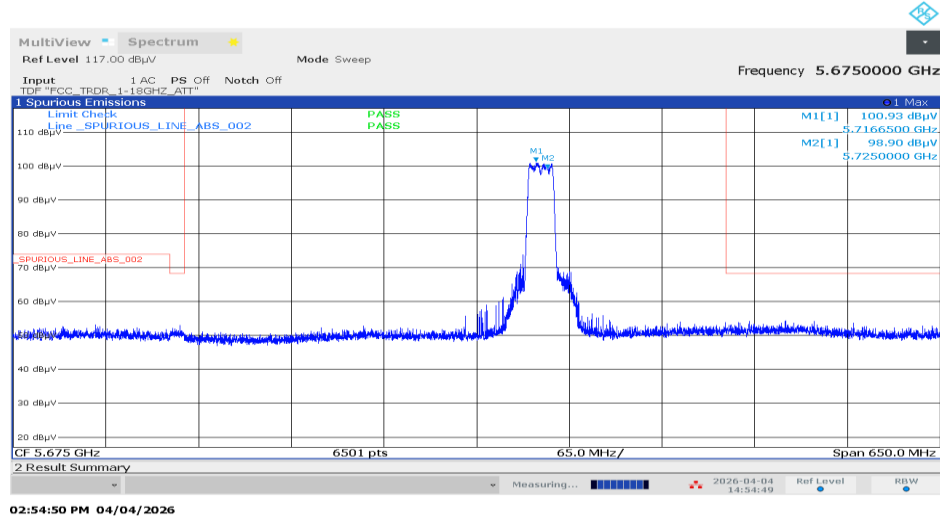
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

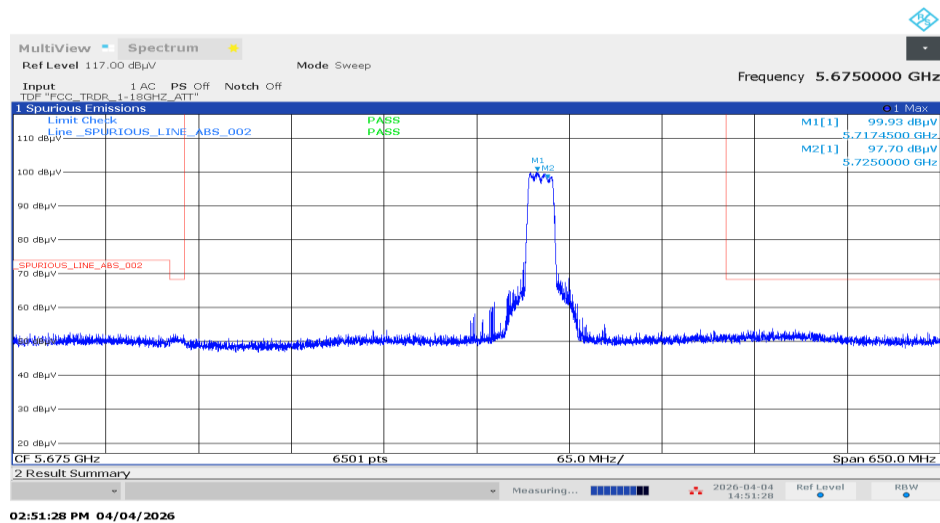
NOTE :

- 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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	Peak	5725.0000	67.56 *	122.20	54.64
Horizontal	Peak	5725.0000	70.16 *	122.20	52.04

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

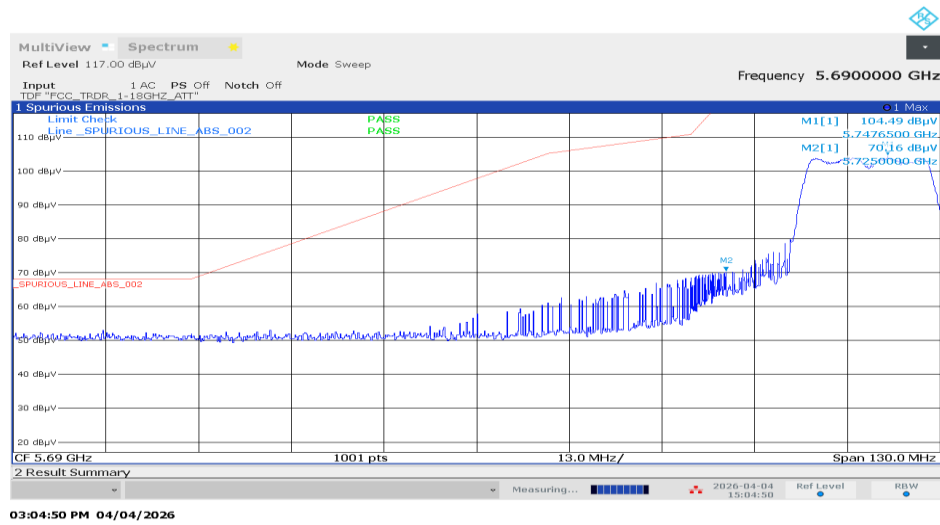
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

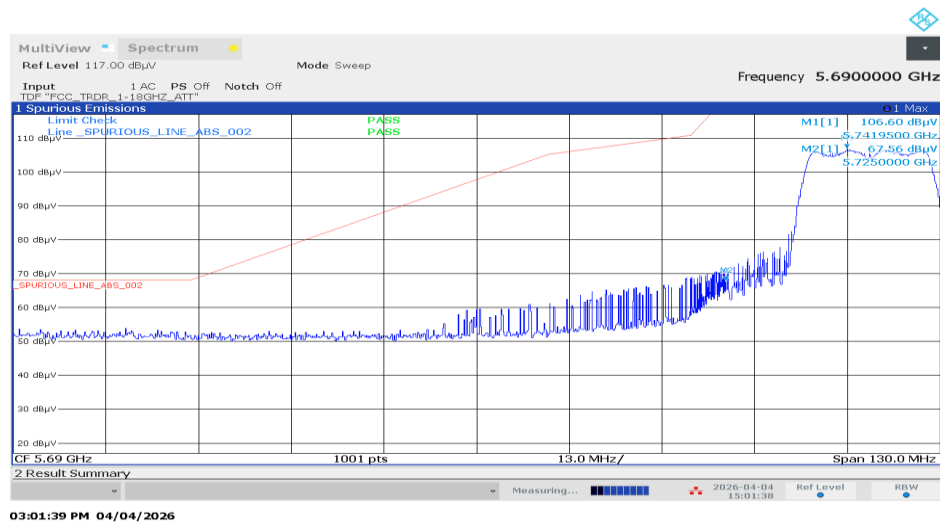
NOTE :

- 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)



SAC TX Restricted Band-edge : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	64.26 *	122.20	57.94
Horizontal	Peak	5850.0000	60.60 *	122.20	61.60

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

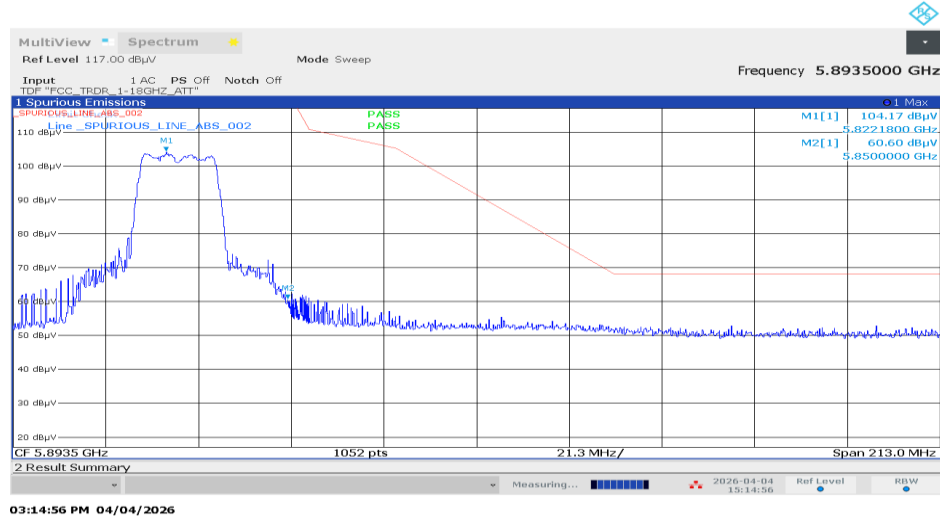
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

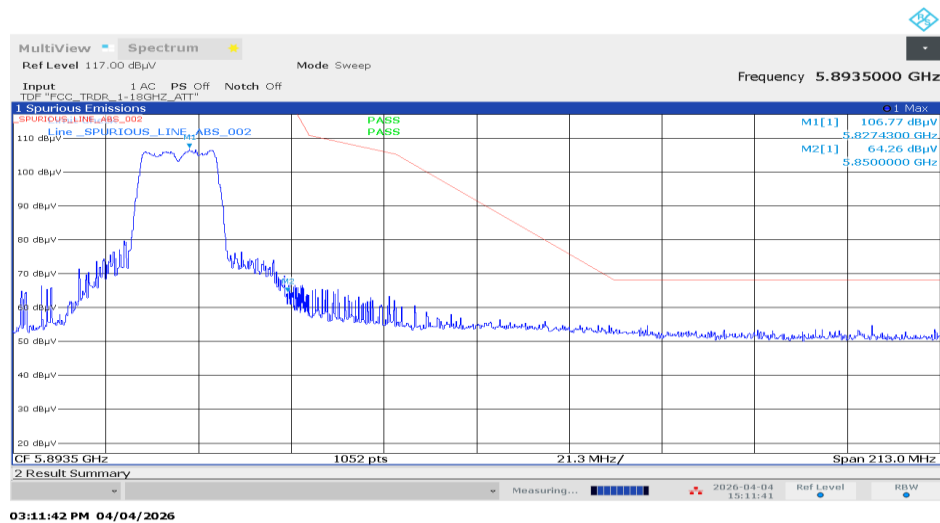
NOTE :

- 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)



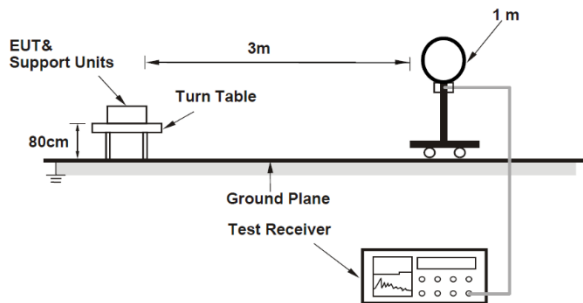
Restricted Band Edge (Peak, Vertical)



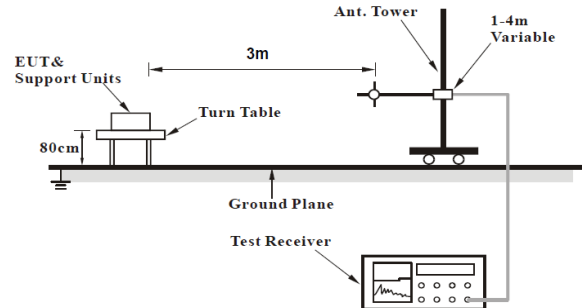
7.6. Radiated Spurious Emission Measurement

7.6.1. Test Setup

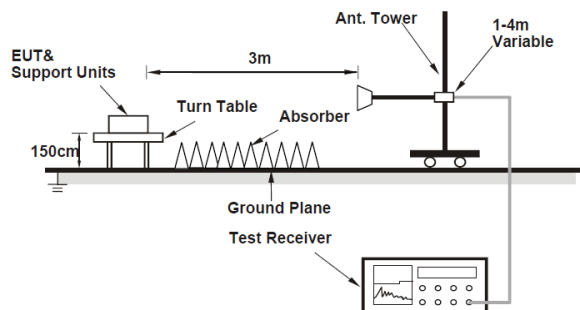
<Radiated emission below 30MHz>



<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 (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:

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

7.6.3. Test Data

SAC TX Radiated Emission : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	Quasi-Peak	42.8635	26.54	40.00	13.46
Horizontal	Quasi-Peak	43.4419	20.96	40.00	19.04
Vertical	Quasi-Peak	80.8318	27.22	40.00	12.78
Horizontal	Quasi-Peak	80.9637	22.73	40.00	17.27
Vertical	Quasi-Peak	124.9990	30.58	43.50	12.92
Horizontal	Quasi-Peak	125.0170	29.88	43.50	13.62
Vertical	Quasi-Peak	249.9940	22.33 *	46.00	23.67
Horizontal	Quasi-Peak	250.0210	29.50	46.00	16.50
Horizontal	Quasi-Peak	410.3980	25.47 *	46.00	20.53
Vertical	Quasi-Peak	410.4020	22.59 *	46.00	23.41
Horizontal	Quasi-Peak	501.6119	29.69	46.00	16.31
Vertical	Quasi-Peak	501.6139	28.27	46.00	17.73
Horizontal	Peak	1500.0720	36.81 *	74.00	37.19
Horizontal	Average	1500.0720	28.88 *	54.00	25.12
Vertical	Peak	1500.1140	38.36 *	74.00	35.64
Vertical	Average	1500.1140	31.93 *	54.00	22.07

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

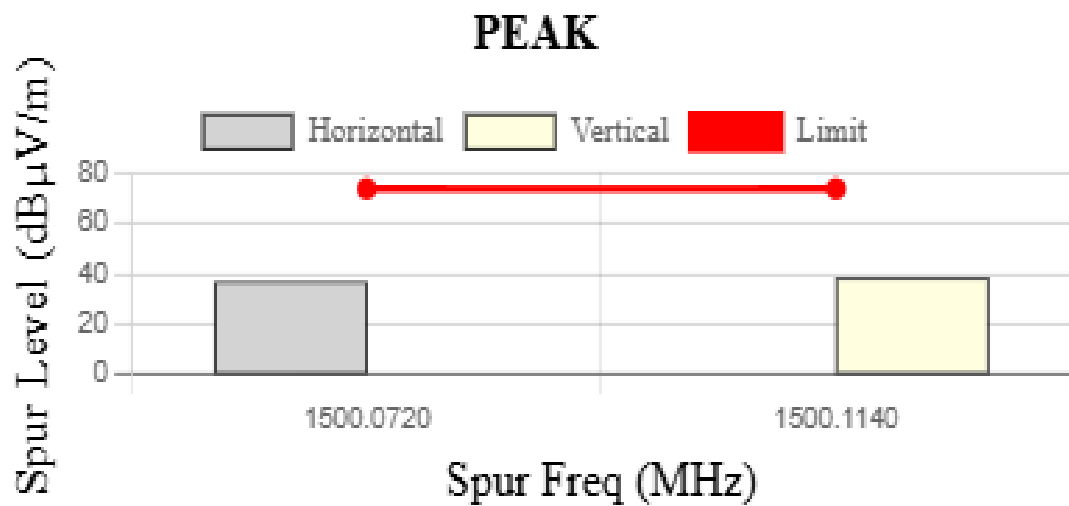
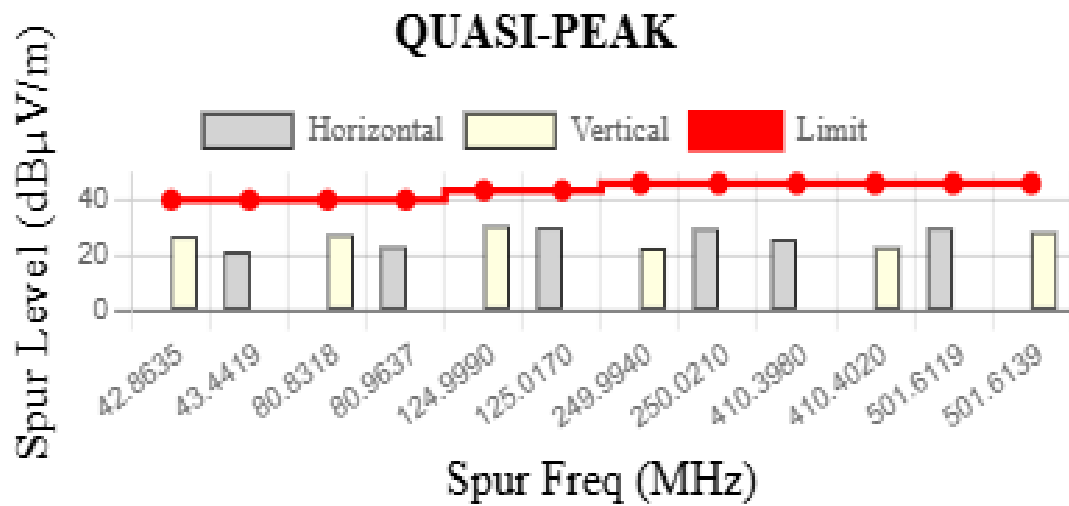
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

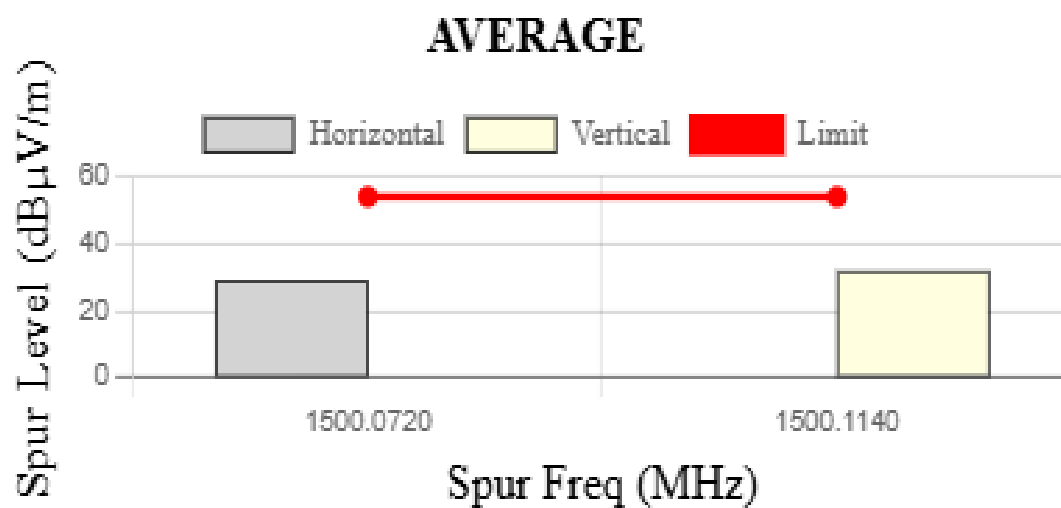
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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. 1-2023+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	34.7355	25.12	40.00	14.88
Horizontal	Quasi-Peak	34.7595	19.56 *	40.00	20.44
Vertical	Quasi-Peak	43.6480	21.49	40.00	18.51
Horizontal	Quasi-Peak	43.6879	21.53	40.00	18.47
Vertical	Quasi-Peak	81.7125	29.83	40.00	10.17
Horizontal	Quasi-Peak	81.7225	24.36	40.00	15.64
Horizontal	Quasi-Peak	124.9890	29.53	43.50	13.97
Vertical	Quasi-Peak	125.0110	30.09	43.50	13.41
Vertical	Quasi-Peak	250.0020	22.07 *	46.00	23.93
Horizontal	Quasi-Peak	250.0329	28.90	46.00	17.10
Horizontal	Quasi-Peak	501.5780	28.87	46.00	17.13
Vertical	Quasi-Peak	501.5990	28.51	46.00	17.49
Horizontal	Peak	1499.7650	36.97 *	74.00	37.03
Horizontal	Average	1499.7650	29.62 *	54.00	24.38
Vertical	Peak	1499.9390	39.03 *	74.00	34.97
Vertical	Average	1499.9390	31.17 *	54.00	22.83

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

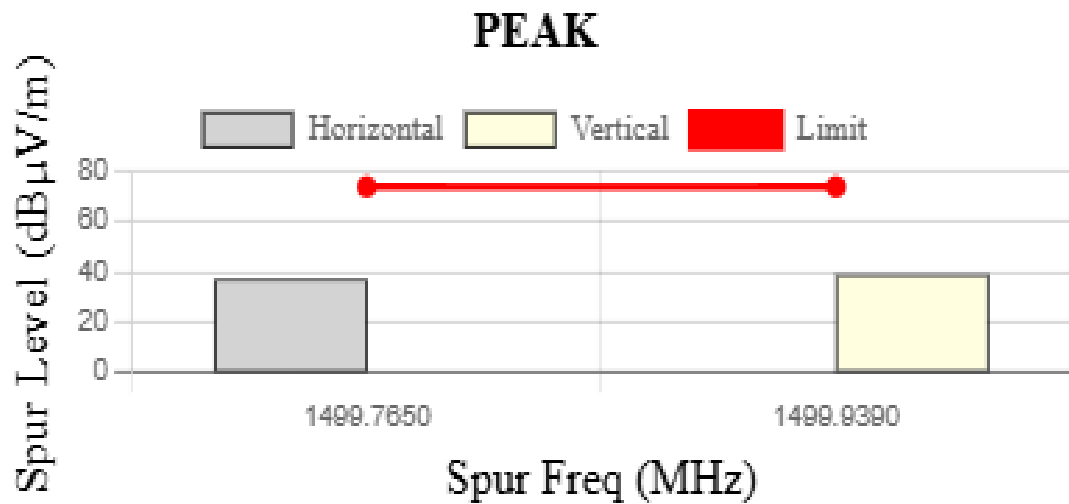
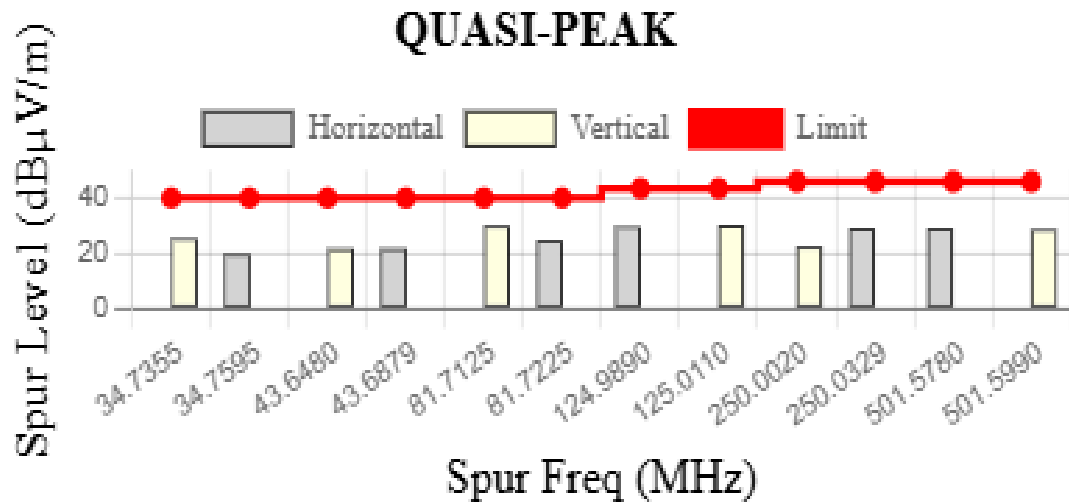
Remarks:

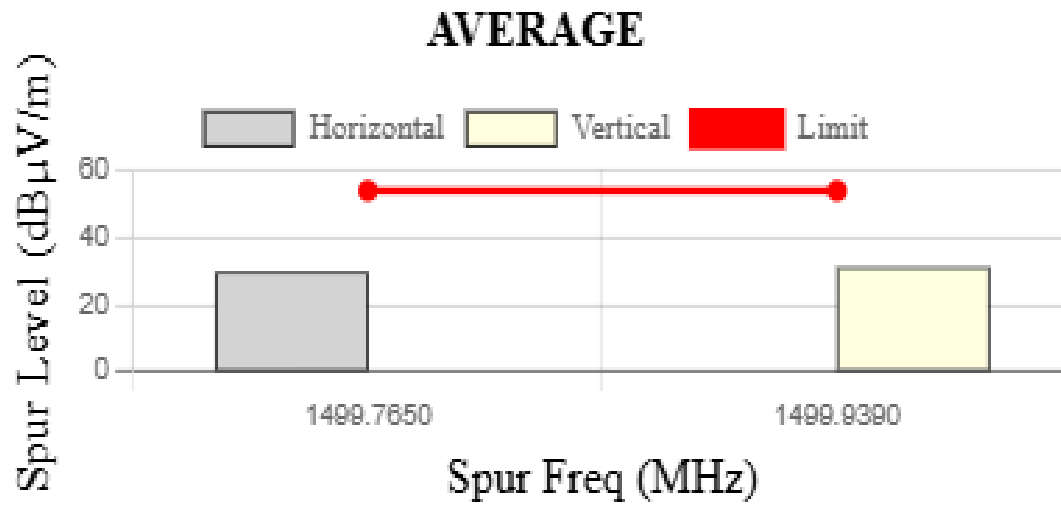
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	44.8380	19.47 *	40.00	20.53
Vertical	Quasi-Peak	45.3016	29.79	40.00	10.21
Horizontal	Quasi-Peak	49.1450	24.65	40.00	15.35
Vertical	Quasi-Peak	49.1600	27.70	40.00	12.30
Horizontal	Quasi-Peak	81.0632	22.30	40.00	17.70
Vertical	Quasi-Peak	81.1870	31.77	40.00	8.23
Vertical	Quasi-Peak	125.0100	29.72	43.50	13.78
Horizontal	Quasi-Peak	125.0310	28.45	43.50	15.05
Horizontal	Quasi-Peak	249.9950	29.16	46.00	16.84
Vertical	Quasi-Peak	250.0130	21.52 *	46.00	24.48
Horizontal	Quasi-Peak	501.5740	27.14	46.00	18.86
Vertical	Quasi-Peak	501.6279	27.82	46.00	18.18
Vertical	Peak	1500.1170	37.48 *	74.00	36.52
Vertical	Average	1500.1170	30.13 *	54.00	23.87
Horizontal	Peak	1500.3270	37.76 *	74.00	36.24
Horizontal	Average	1500.3270	29.92 *	54.00	24.08
Horizontal	Peak	5897.1910	46.81 *	68.20	21.39
Vertical	Peak	5897.7940	45.02 *	68.20	23.18

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

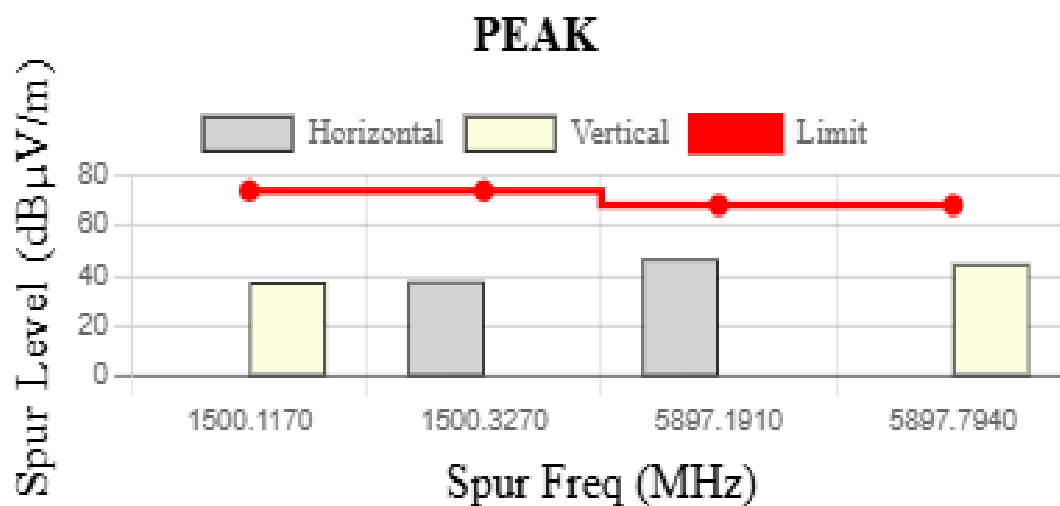
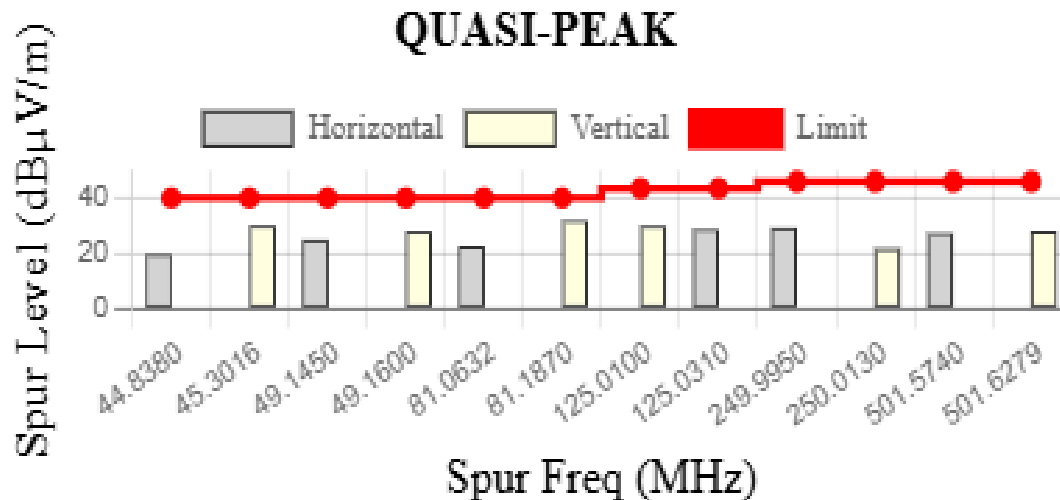
Remarks:

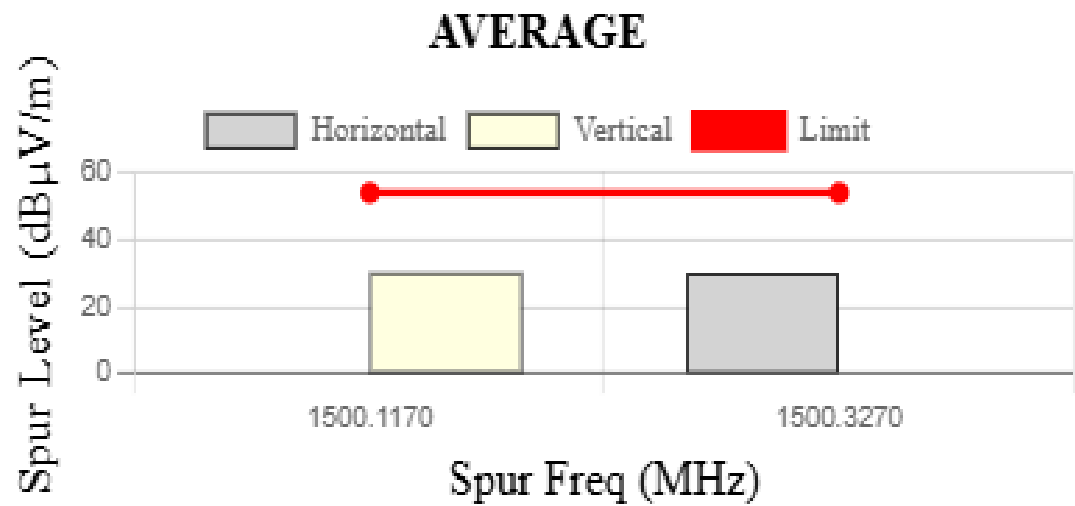
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	43.4139	30.38	40.00	9.62
Horizontal	Quasi-Peak	43.8135	21.58	40.00	18.42
Vertical	Quasi-Peak	80.8845	32.69	40.00	7.31
Horizontal	Quasi-Peak	81.2282	24.32	40.00	15.68
Vertical	Quasi-Peak	98.6903	26.37	43.50	17.13
Horizontal	Quasi-Peak	99.0629	23.08 *	43.50	20.42
Vertical	Quasi-Peak	124.9980	29.78	43.50	13.72
Horizontal	Quasi-Peak	125.0180	29.58	43.50	13.92
Horizontal	Quasi-Peak	250.0160	29.51	46.00	16.49
Vertical	Quasi-Peak	250.0349	21.29 *	46.00	24.71
Horizontal	Quasi-Peak	501.5780	27.60	46.00	18.40
Vertical	Quasi-Peak	501.6099	28.95	46.00	17.05
Horizontal	Peak	4877.4930	46.20 *	74.00	27.80
Horizontal	Average	4877.4930	30.57 *	54.00	23.43
Vertical	Peak	4877.9460	50.65 *	74.00	23.35
Vertical	Average	4877.9460	33.15 *	54.00	20.85
Vertical	Peak	5090.2460	51.45 *	74.00	22.55
Vertical	Average	5090.2460	36.92	54.00	17.08
Horizontal	Peak	5090.8490	45.22 *	74.00	28.78
Horizontal	Average	5090.8490	31.60 *	54.00	22.40

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

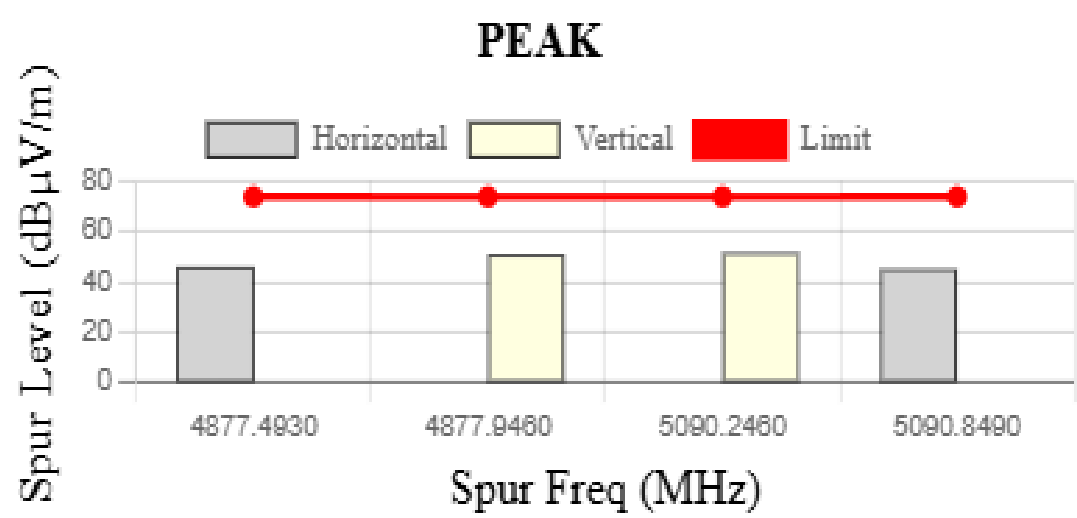
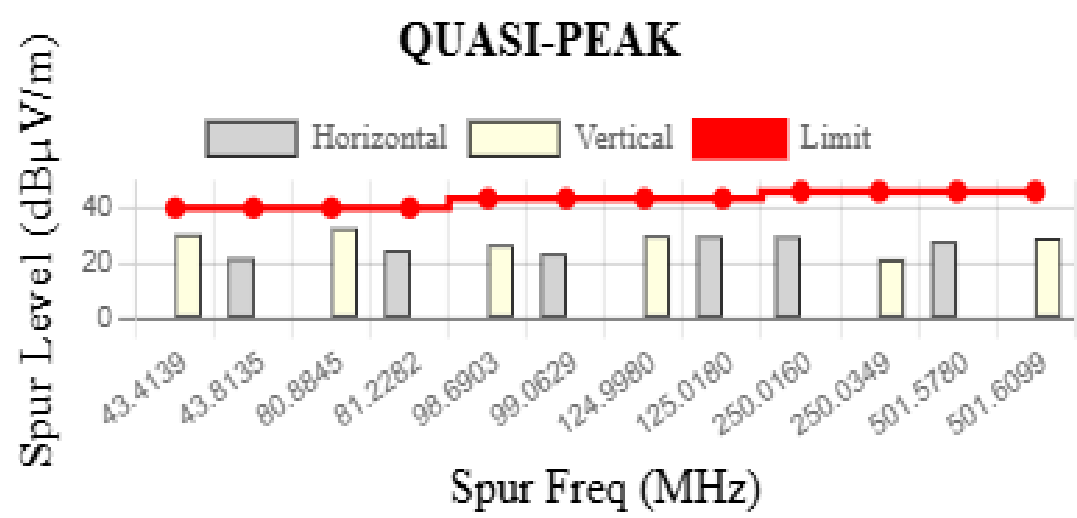
Remarks:

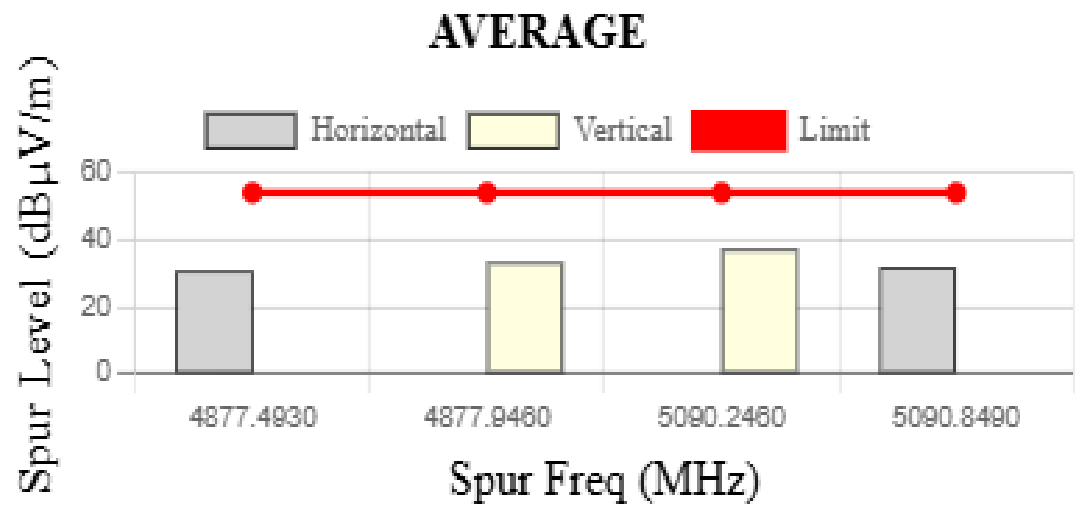
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	39.3978	21.38	40.00	18.62
Horizontal	Quasi-Peak	39.5616	17.81 *	40.00	22.19
Horizontal	Quasi-Peak	44.8394	20.74	40.00	19.26
Vertical	Quasi-Peak	45.1411	23.06	40.00	16.94
Horizontal	Quasi-Peak	84.8914	19.27 *	40.00	20.73
Vertical	Quasi-Peak	85.5268	27.78	40.00	12.22
Vertical	Quasi-Peak	125.0090	30.53	43.50	12.97
Horizontal	Quasi-Peak	125.0190	27.69	43.50	15.81
Horizontal	Quasi-Peak	250.0110	29.82	46.00	16.18
Vertical	Quasi-Peak	250.0190	21.40 *	46.00	24.60
Horizontal	Quasi-Peak	501.5880	29.12	46.00	16.88
Vertical	Quasi-Peak	501.6119	28.53	46.00	17.47
Vertical	Peak	4888.1530	44.71 *	74.00	29.29
Vertical	Average	4888.1530	30.39 *	54.00	23.61
Horizontal	Peak	4888.2140	44.71 *	74.00	29.29
Horizontal	Average	4888.2140	31.39 *	54.00	22.61

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Wed, 8 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

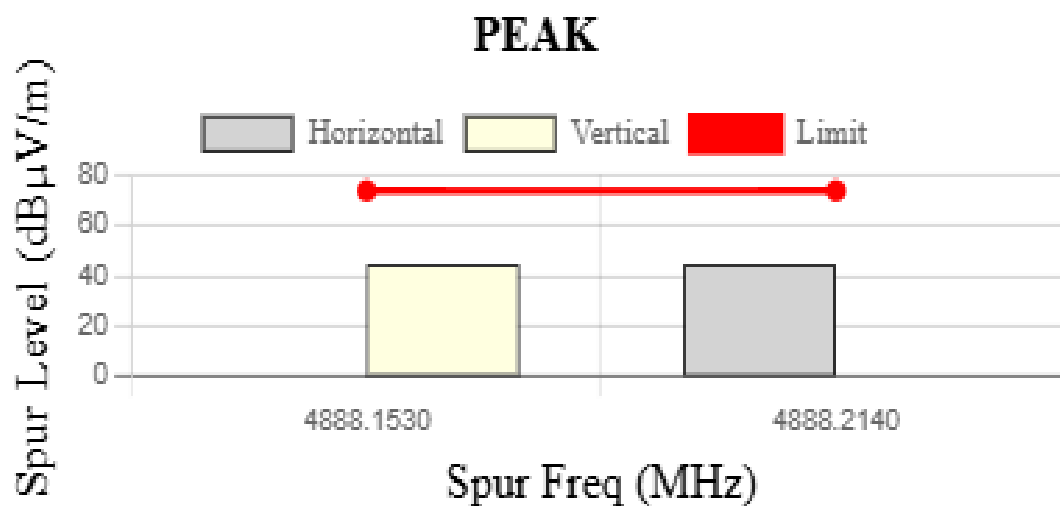
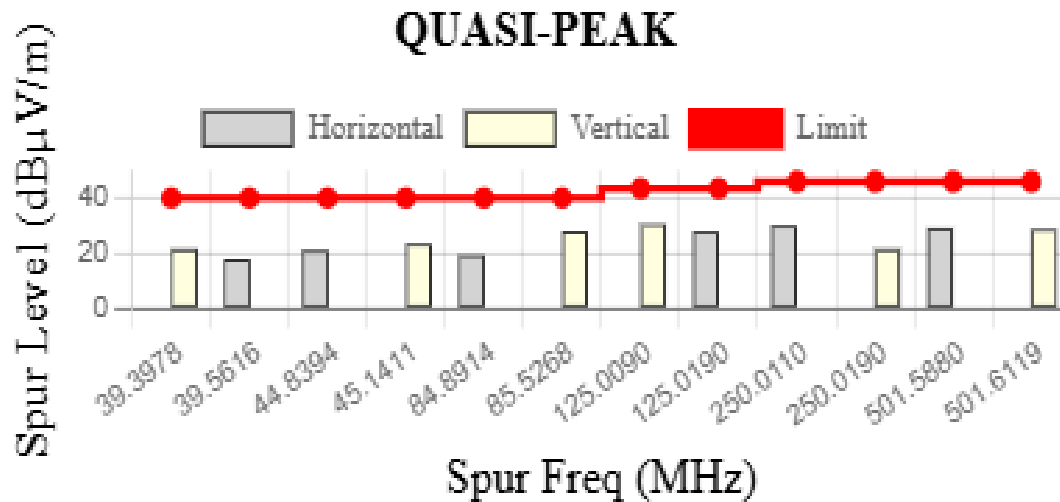
Remarks:

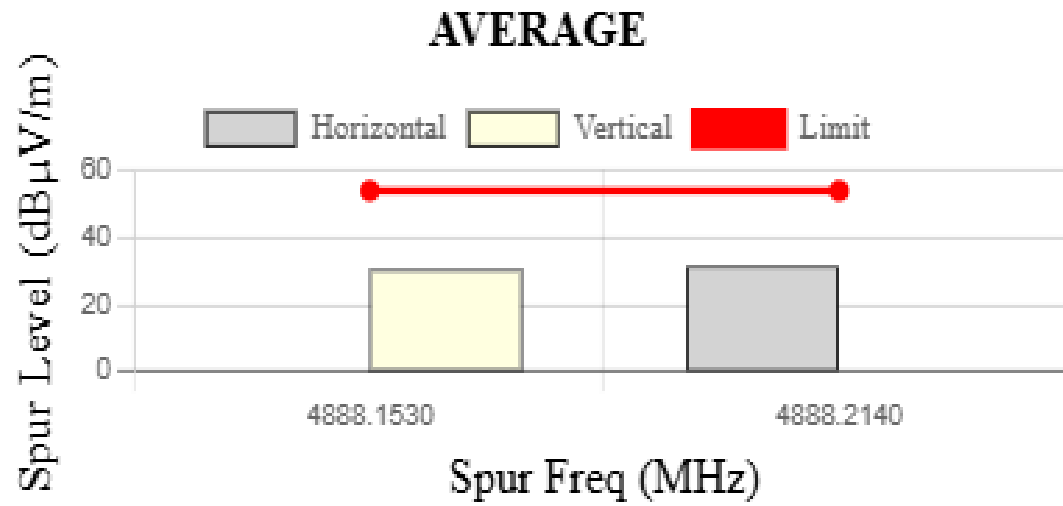
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	Quasi-Peak	33.9631	26.94	40.00	13.06
Horizontal	Quasi-Peak	34.0220	18.79 *	40.00	21.21
Vertical	Quasi-Peak	44.2420	26.91	40.00	13.09
Horizontal	Quasi-Peak	44.2759	20.90	40.00	19.10
Vertical	Quasi-Peak	81.2113	31.11	40.00	8.89
Horizontal	Quasi-Peak	81.2243	23.45	40.00	16.55
Horizontal	Quasi-Peak	99.0072	22.50 *	43.50	21.00
Vertical	Quasi-Peak	99.1570	21.09 *	43.50	22.41
Horizontal	Quasi-Peak	124.9970	30.02	43.50	13.48
Vertical	Quasi-Peak	125.0070	30.63	43.50	12.87
Vertical	Quasi-Peak	501.6089	28.91	46.00	17.09
Horizontal	Quasi-Peak	501.6199	29.91	46.00	16.09

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

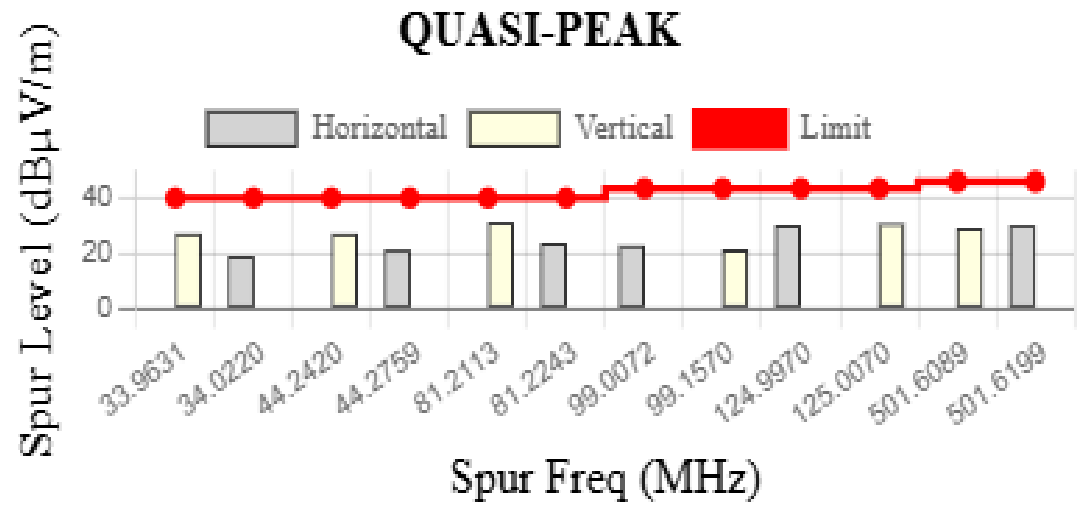
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	34.4653	19.05 *	40.00	20.95
Vertical	Quasi-Peak	34.9538	25.87	40.00	14.13
Vertical	Quasi-Peak	44.0414	21.02	40.00	18.98
Horizontal	Quasi-Peak	44.1044	21.54	40.00	18.46
Horizontal	Quasi-Peak	80.9240	21.97	40.00	18.03
Vertical	Quasi-Peak	81.3385	30.85	40.00	9.15
Horizontal	Quasi-Peak	98.5925	23.81	43.50	19.69
Vertical	Quasi-Peak	99.0490	20.97 *	43.50	22.53
Vertical	Quasi-Peak	125.0000	30.41	43.50	13.09
Horizontal	Quasi-Peak	125.0090	30.09	43.50	13.41
Vertical	Quasi-Peak	138.9722	23.66	43.50	19.84
Horizontal	Quasi-Peak	139.2190	23.35 *	43.50	20.15
Vertical	Peak	5271.9060	48.76	68.20	19.44
Horizontal	Peak	5271.9100	49.32	68.20	18.88
Horizontal	Peak	16492.4700	54.05	68.20	14.15
Vertical	Peak	16493.2100	57.46	68.20	10.74

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Wed, 8 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

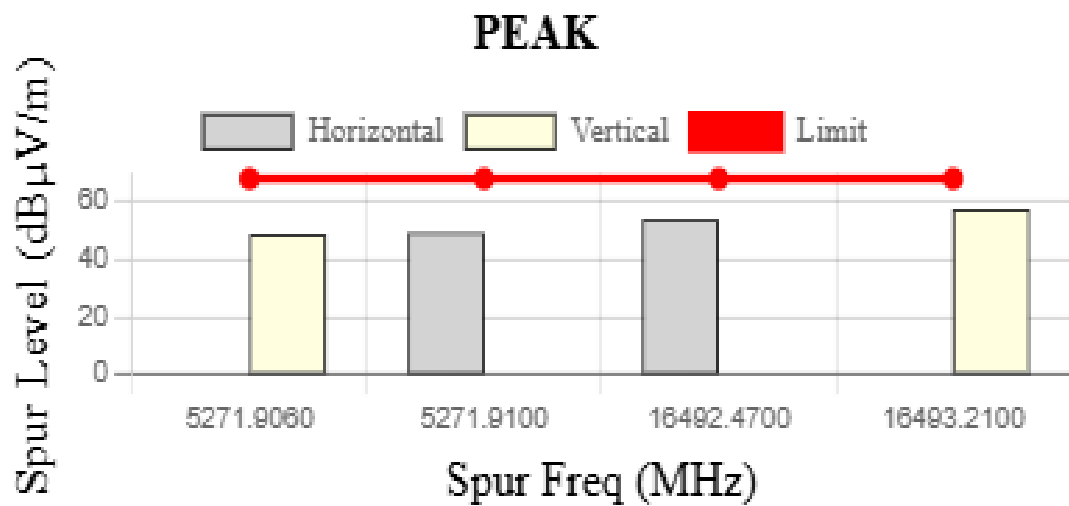
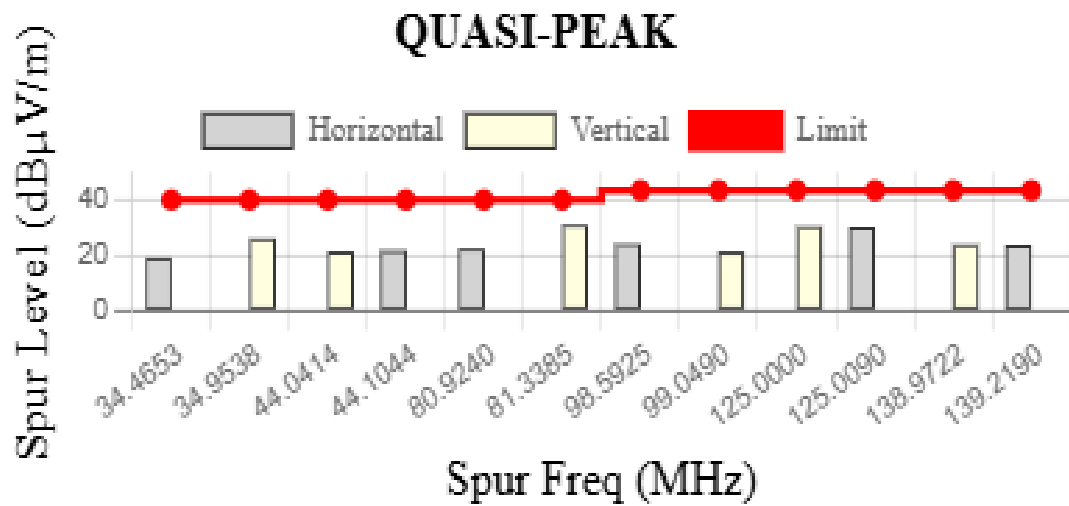
Remarks:

** 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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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)
Horizontal	Quasi-Peak	49.1061	22.52	40.00	17.48
Vertical	Quasi-Peak	49.1550	29.23	40.00	10.77
Vertical	Quasi-Peak	81.2362	31.52	40.00	8.48
Horizontal	Quasi-Peak	81.7936	22.10	40.00	17.90
Horizontal	Quasi-Peak	98.8644	24.64	43.50	18.86
Vertical	Quasi-Peak	99.0512	14.17 *	43.50	29.33
Horizontal	Quasi-Peak	124.9820	29.05	43.50	14.45
Vertical	Quasi-Peak	125.0030	29.66	43.50	13.84
Vertical	Quasi-Peak	900.0190	25.69 *	46.00	20.31
Horizontal	Quasi-Peak	900.0280	28.79	46.00	17.21
Vertical	Quasi-Peak	950.0140	25.67 *	46.00	20.33
Horizontal	Quasi-Peak	950.0570	27.49	46.00	18.51
Horizontal	Peak	5273.1570	44.11 *	68.20	24.09
Vertical	Peak	5273.3020	43.78 *	68.20	24.42

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Wed, 8 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

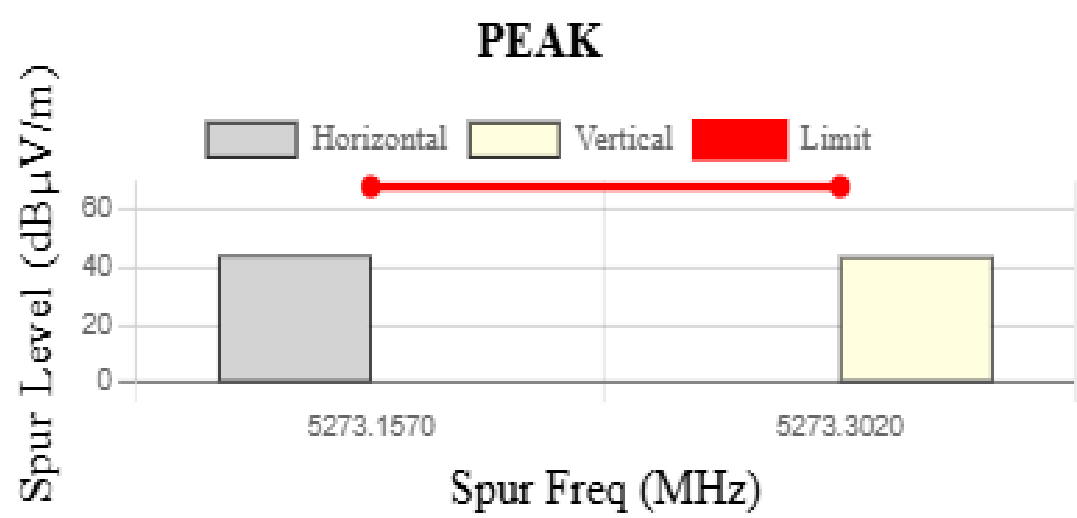
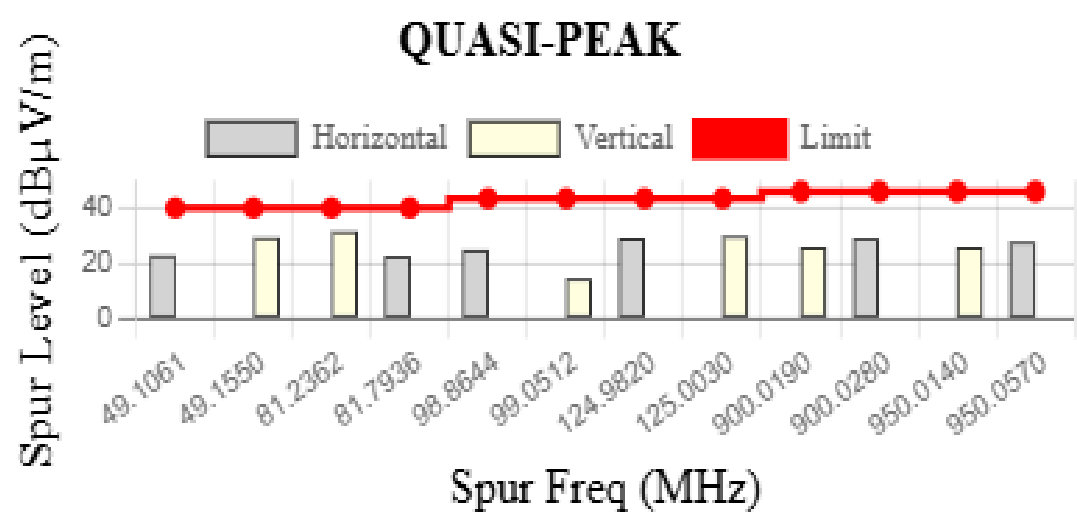
Remarks:

** 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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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)
Vertical	Quasi-Peak	44.0191	24.47	40.00	15.53
Horizontal	Quasi-Peak	44.4507	20.43	40.00	19.57
Vertical	Quasi-Peak	82.0278	31.51	40.00	8.49
Horizontal	Quasi-Peak	82.2316	22.42	40.00	17.58
Vertical	Quasi-Peak	98.3864	15.01 *	43.50	28.49
Horizontal	Quasi-Peak	98.8949	23.89	43.50	19.61
Vertical	Quasi-Peak	125.0000	30.41	43.50	13.09
Horizontal	Quasi-Peak	125.0210	29.70	43.50	13.80
Horizontal	Quasi-Peak	899.9960	24.06 *	46.00	21.94
Vertical	Quasi-Peak	900.0180	25.56 *	46.00	20.44
Vertical	Quasi-Peak	950.0170	26.44	46.00	19.56
Horizontal	Quasi-Peak	950.0240	25.89 *	46.00	20.11
Vertical	Peak	1500.1030	38.54 *	74.00	35.46
Vertical	Average	1500.1030	29.91 *	54.00	24.09
Horizontal	Peak	1500.1490	37.67 *	74.00	36.33
Horizontal	Average	1500.1490	24.86 *	54.00	29.14
Vertical	Peak	4288.6020	49.90 *	74.00	24.10
Vertical	Average	4288.6020	37.06	54.00	16.94
Horizontal	Peak	4288.6800	49.79 *	74.00	24.21
Horizontal	Average	4288.6800	37.73	54.00	16.27
Horizontal	Peak	5344.6610	46.49 *	68.20	21.71
Vertical	Peak	5345.4170	44.03 *	68.20	24.17
Horizontal	Peak	5875.0260	47.20 *	68.20	21.00
Vertical	Peak	5875.2980	51.90	68.20	16.30

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Wed, 8 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

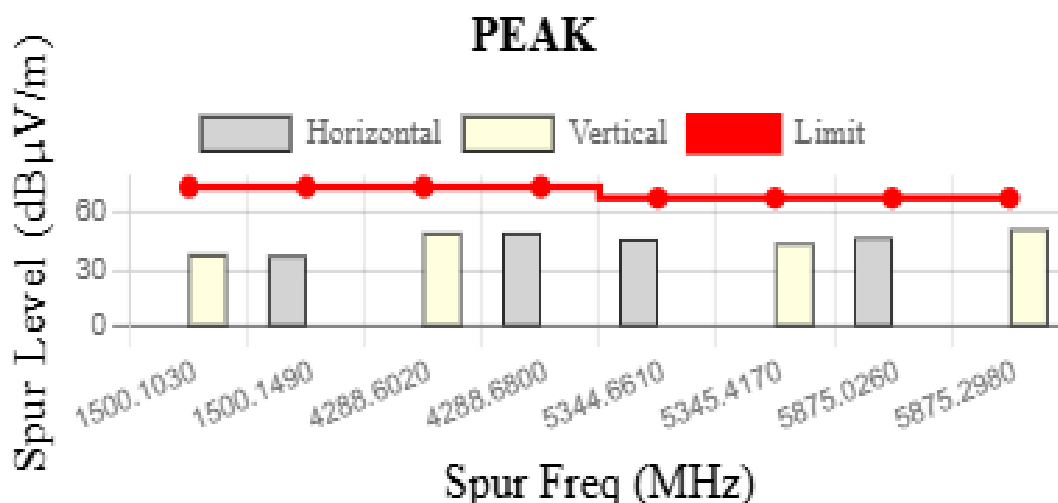
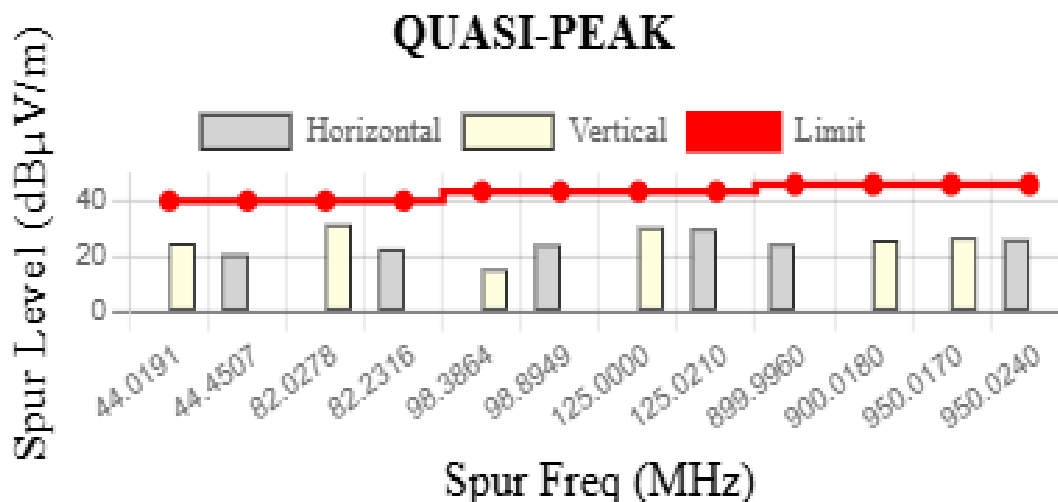
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

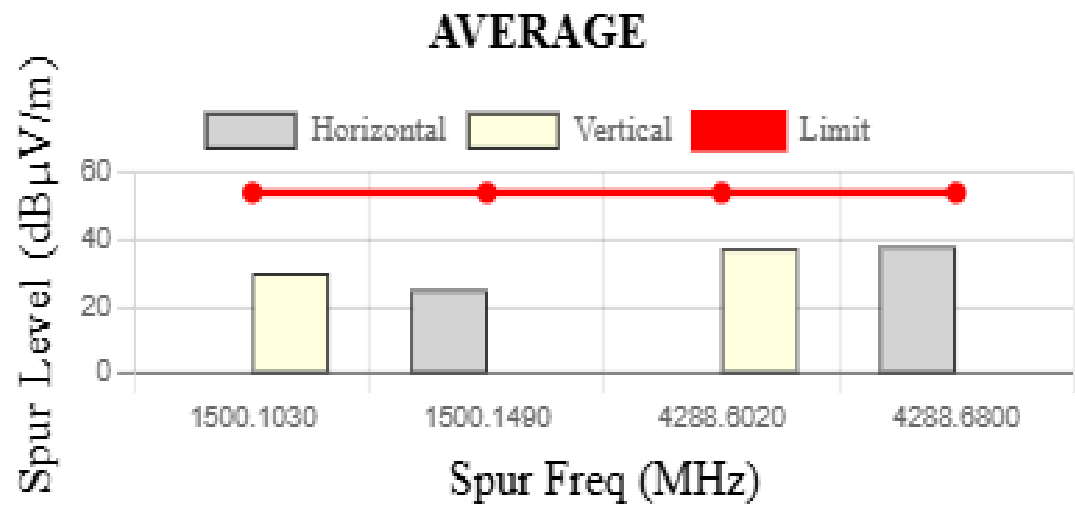
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	35.9700	19.07 *	40.00	20.93
Vertical	Quasi-Peak	36.3366	20.69	40.00	19.31
Horizontal	Quasi-Peak	43.3618	21.70	40.00	18.30
Vertical	Quasi-Peak	43.4806	25.27	40.00	14.73
Horizontal	Quasi-Peak	81.1522	24.43	40.00	15.57
Vertical	Quasi-Peak	81.2112	32.57	40.00	7.43
Horizontal	Quasi-Peak	98.4651	22.23 *	43.50	21.27
Vertical	Quasi-Peak	99.0126	14.50 *	43.50	29.00
Vertical	Quasi-Peak	124.9960	29.96	43.50	13.54
Horizontal	Quasi-Peak	125.0020	29.61	43.50	13.89
Vertical	Quasi-Peak	950.0210	21.22 *	46.00	24.78
Horizontal	Quasi-Peak	950.0620	27.82	46.00	18.18
Horizontal	Peak	5691.7880	47.42 *	68.20	20.78
Vertical	Peak	5692.3960	51.02	68.20	17.18

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

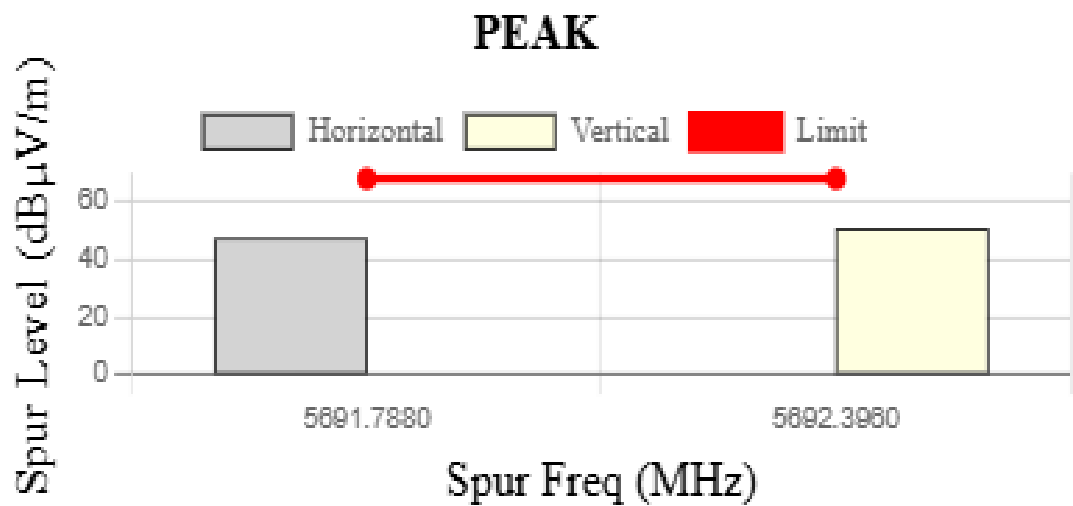
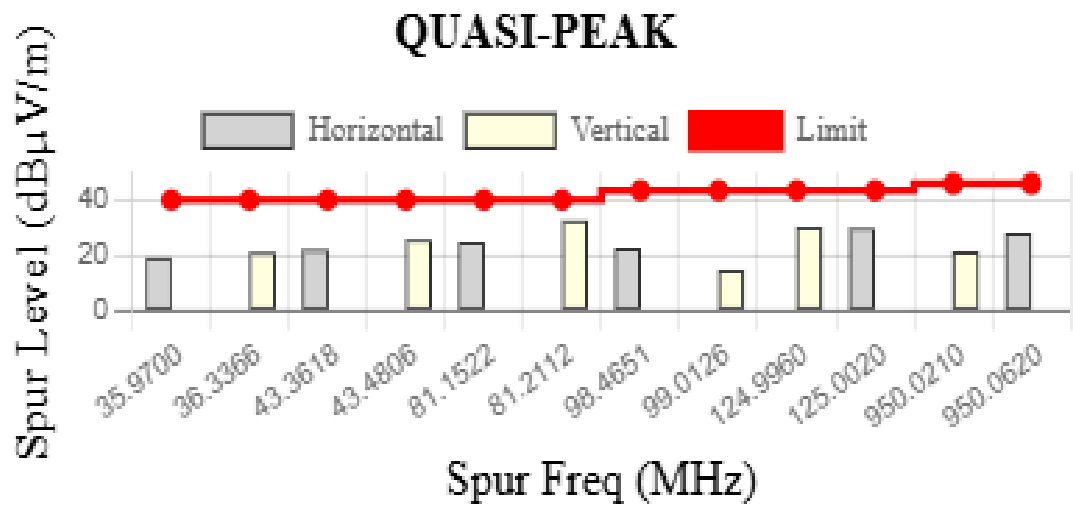
Remarks:

** 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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	34.2932	26.51	40.00	13.49
Horizontal	Quasi-Peak	34.7807	18.63 *	40.00	21.37
Vertical	Quasi-Peak	49.1330	29.41	40.00	10.59
Horizontal	Quasi-Peak	49.1570	24.87	40.00	15.13
Vertical	Quasi-Peak	80.0524	31.19	40.00	8.81
Horizontal	Quasi-Peak	80.1833	22.09	40.00	17.91
Horizontal	Quasi-Peak	99.6171	22.61 *	43.50	20.89
Vertical	Quasi-Peak	99.8229	21.57 *	43.50	21.93
Vertical	Quasi-Peak	124.9820	29.72	43.50	13.78
Horizontal	Quasi-Peak	125.0120	29.53	43.50	13.97
Horizontal	Quasi-Peak	900.0070	28.02	46.00	17.98
Vertical	Quasi-Peak	900.0569	21.66 *	46.00	24.34
Vertical	Peak	4345.5910	48.37 *	74.00	25.63
Vertical	Average	4345.5910	35.19	54.00	18.81
Horizontal	Peak	4345.9260	49.32 *	74.00	24.68
Horizontal	Average	4345.9260	37.45	54.00	16.55
Vertical	Peak	5616.8920	49.82	68.20	18.38
Horizontal	Peak	5617.3600	45.84 *	68.20	22.36
Horizontal	Peak	17361.1500	60.60	68.20	7.60
Vertical	Peak	17361.5200	59.22	68.20	8.98

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

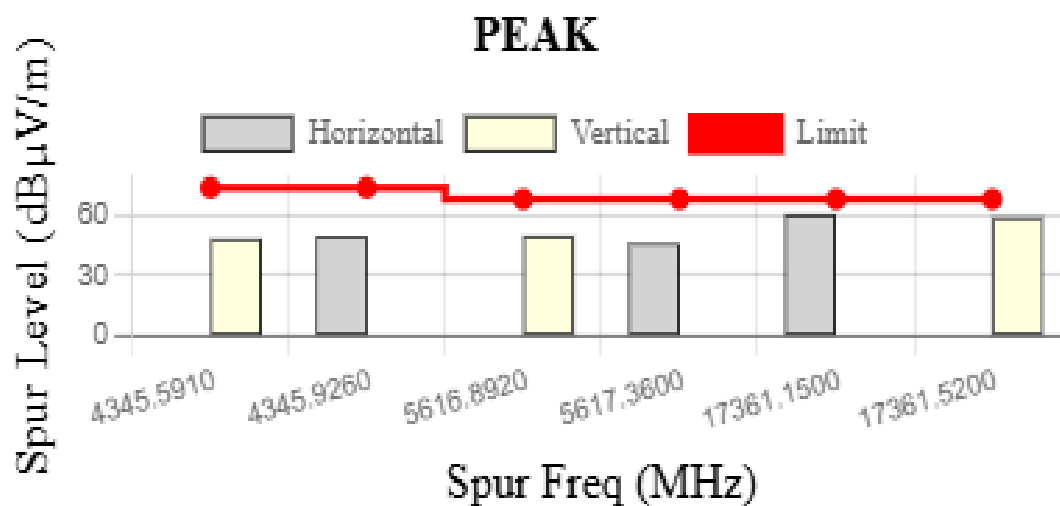
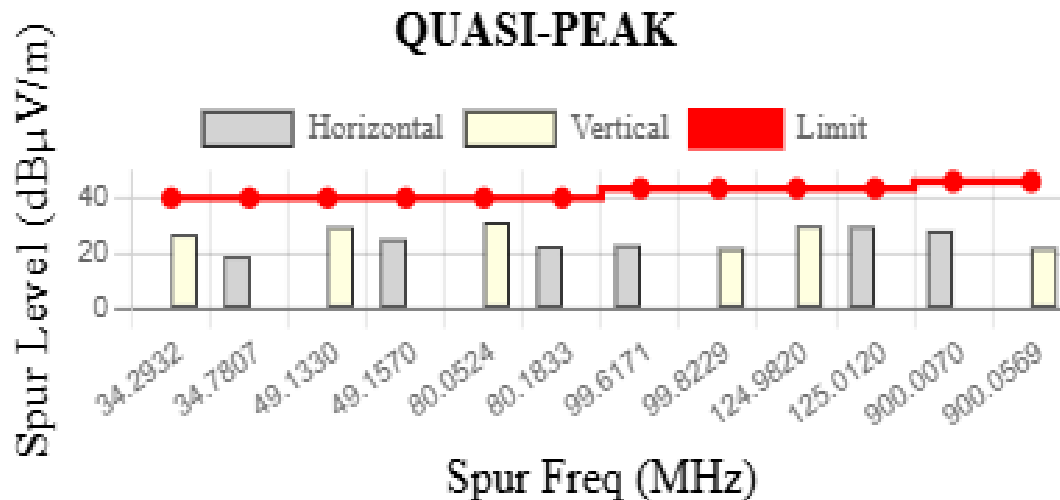
Remarks:

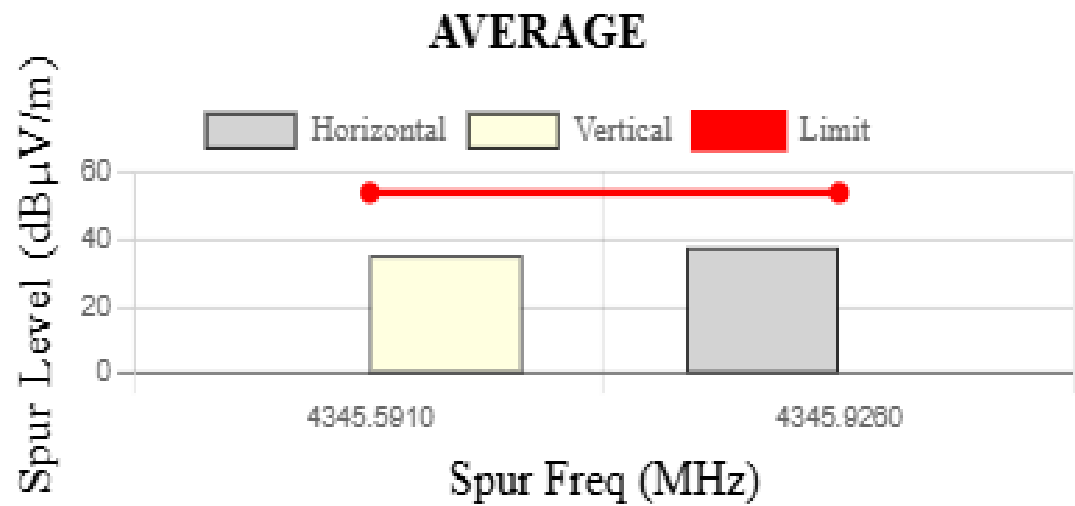
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	33.3295	18.67 *	40.00	21.33
Horizontal	Quasi-Peak	33.4064	18.90 *	40.00	21.10
Vertical	Quasi-Peak	44.2511	21.99	40.00	18.01
Horizontal	Quasi-Peak	44.4339	20.00	40.00	20.00
Vertical	Quasi-Peak	49.1420	29.34	40.00	10.66
Horizontal	Quasi-Peak	49.1620	24.85	40.00	15.15
Horizontal	Quasi-Peak	81.9691	22.42	40.00	17.58
Vertical	Quasi-Peak	82.1889	26.83	40.00	13.17
Horizontal	Quasi-Peak	99.0313	23.75	43.50	19.75
Vertical	Quasi-Peak	99.0723	13.06 *	43.50	30.44
Horizontal	Quasi-Peak	125.0040	29.08	43.50	14.42
Vertical	Quasi-Peak	125.0130	29.75	43.50	13.75
Vertical	Peak	4371.9090	50.71 *	74.00	23.29
Vertical	Average	4371.9090	37.44	54.00	16.56
Horizontal	Peak	4371.9550	49.73 *	74.00	24.27
Horizontal	Average	4371.9550	38.15	54.00	15.85
Horizontal	Peak	5647.9270	44.92 *	68.20	23.28
Vertical	Peak	5648.3750	48.77	68.20	19.43

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

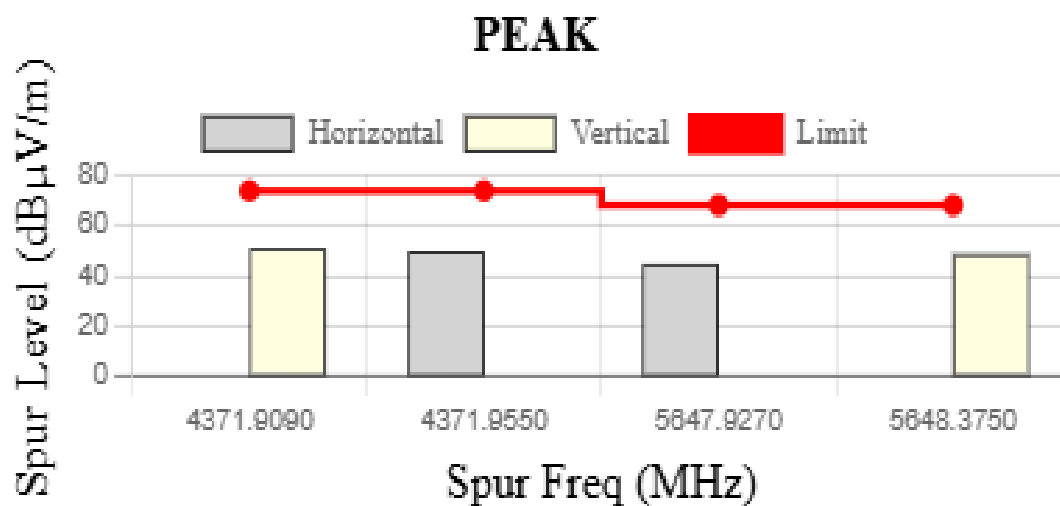
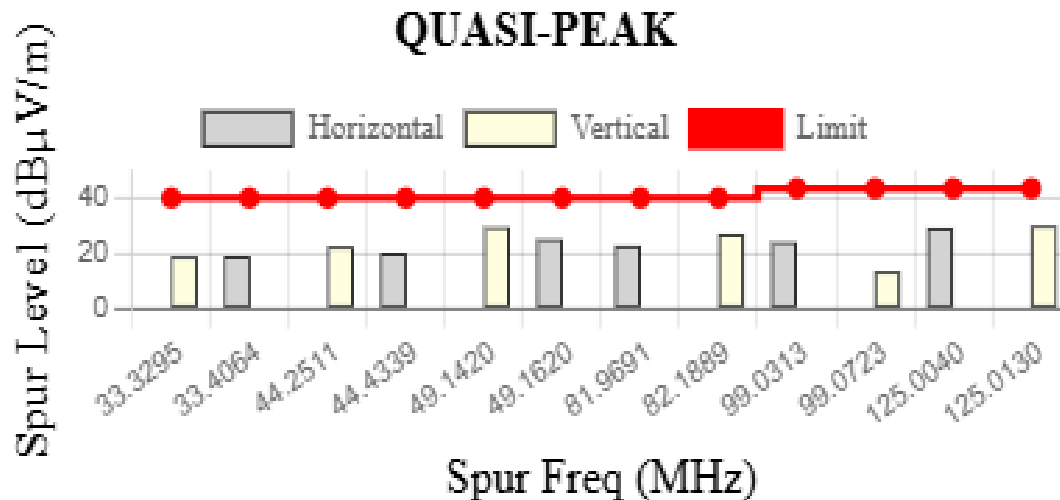
Remarks:

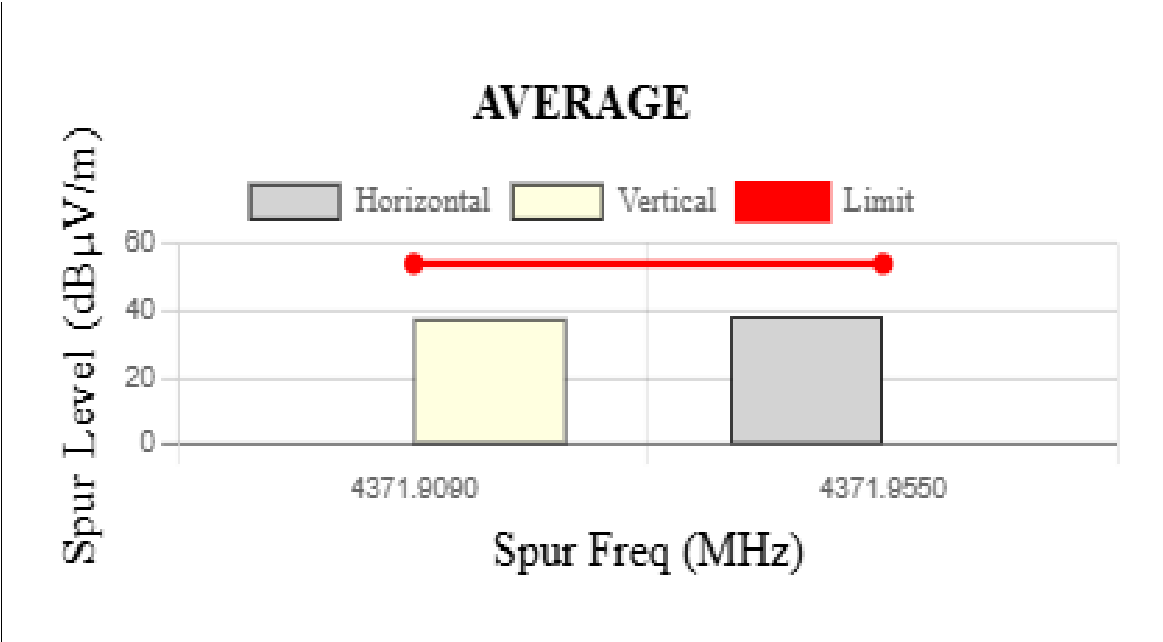
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	44.1364	28.14	40.00	11.86
Horizontal	Quasi-Peak	44.4121	20.58	40.00	19.42
Horizontal	Quasi-Peak	79.2969	23.20	40.00	16.80
Vertical	Quasi-Peak	79.3129	31.02	40.00	8.98
Horizontal	Quasi-Peak	99.1882	23.85	43.50	19.65
Vertical	Quasi-Peak	99.4180	27.50	43.50	16.00
Vertical	Quasi-Peak	124.9920	30.49	43.50	13.01
Horizontal	Quasi-Peak	125.0110	29.37	43.50	14.13
Horizontal	Quasi-Peak	900.0430	27.37	46.00	18.63
Vertical	Quasi-Peak	900.2038	19.89 *	46.00	26.11
Horizontal	Quasi-Peak	950.0100	25.06 *	46.00	20.94
Vertical	Quasi-Peak	950.0380	26.80	46.00	19.20
Vertical	Peak	1499.8060	37.44 *	74.00	36.56
Vertical	Average	1499.8060	31.11 *	54.00	22.89
Horizontal	Peak	1500.0800	37.35 *	74.00	36.65
Horizontal	Average	1500.0800	29.28 *	54.00	24.72

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Wed, 8 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

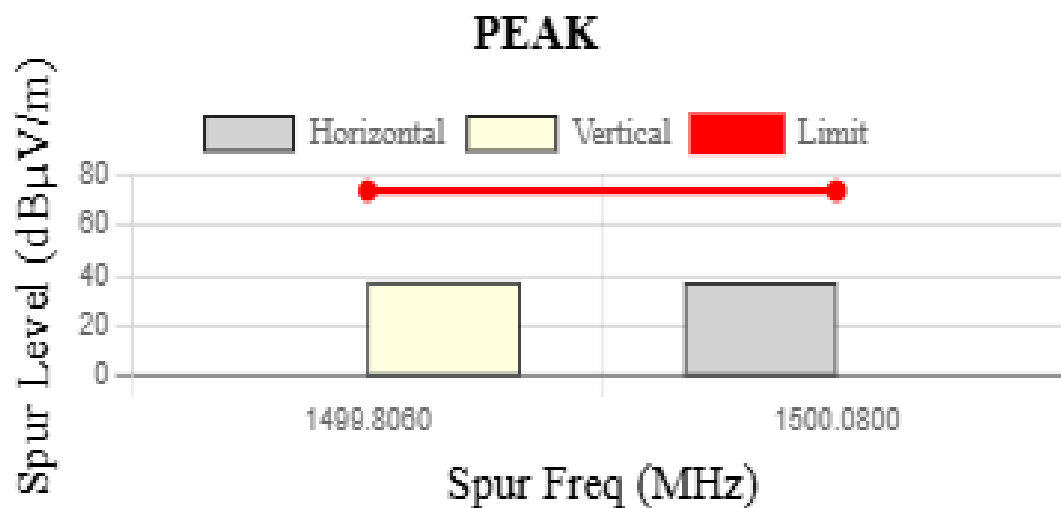
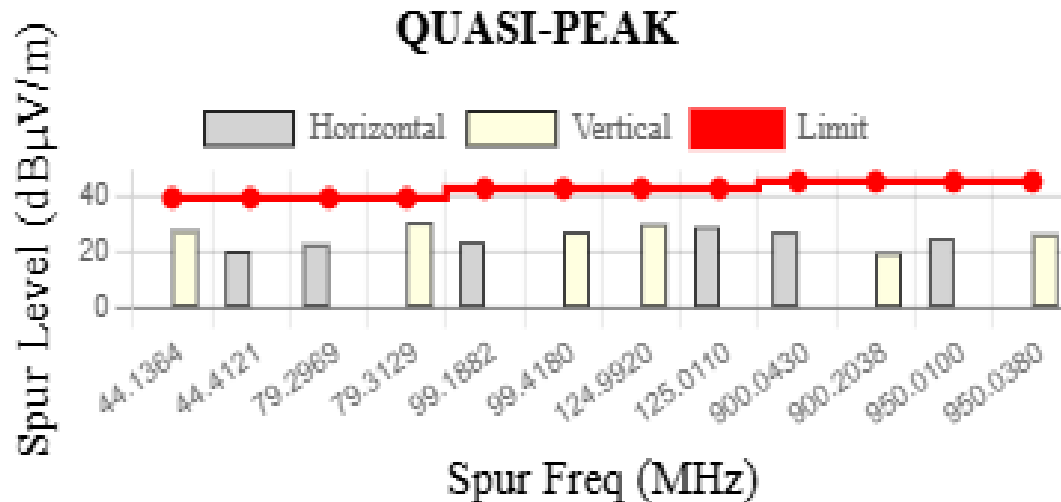
Remarks:

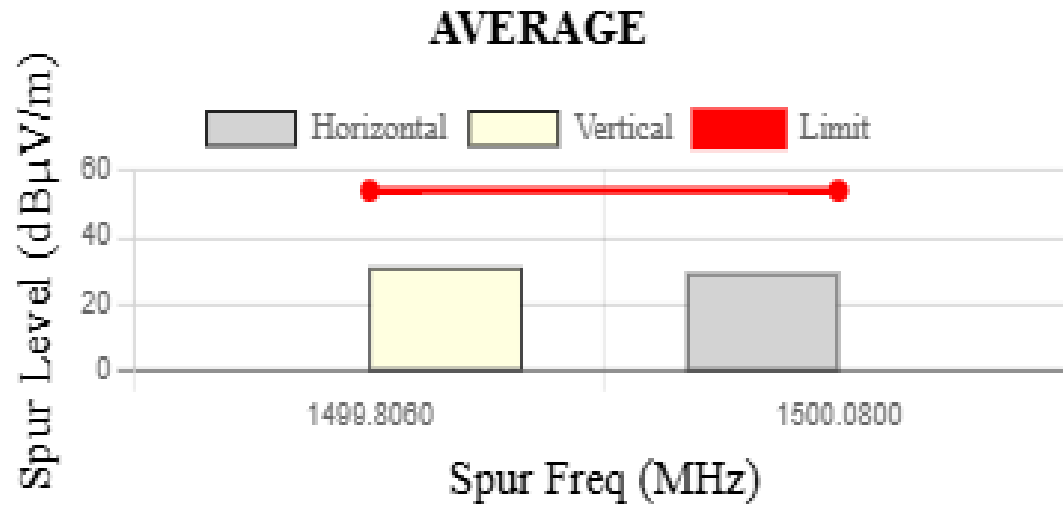
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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)
Horizontal	Quasi-Peak	33.8514	18.98 *	40.00	21.02
Vertical	Quasi-Peak	34.4188	25.00	40.00	15.00
Vertical	Quasi-Peak	43.6649	26.72	40.00	13.28
Horizontal	Quasi-Peak	44.1025	21.59	40.00	18.41
Horizontal	Quasi-Peak	81.5008	23.02	40.00	16.98
Vertical	Quasi-Peak	81.5278	31.08	40.00	8.92
Horizontal	Quasi-Peak	99.2739	22.68 *	43.50	20.82
Vertical	Quasi-Peak	99.4847	26.01	43.50	17.49
Horizontal	Quasi-Peak	124.9800	29.19	43.50	14.31
Vertical	Quasi-Peak	125.0050	30.77	43.50	12.73
Vertical	Quasi-Peak	900.0050	25.05 *	46.00	20.95
Horizontal	Quasi-Peak	900.0819	24.17 *	46.00	21.83

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

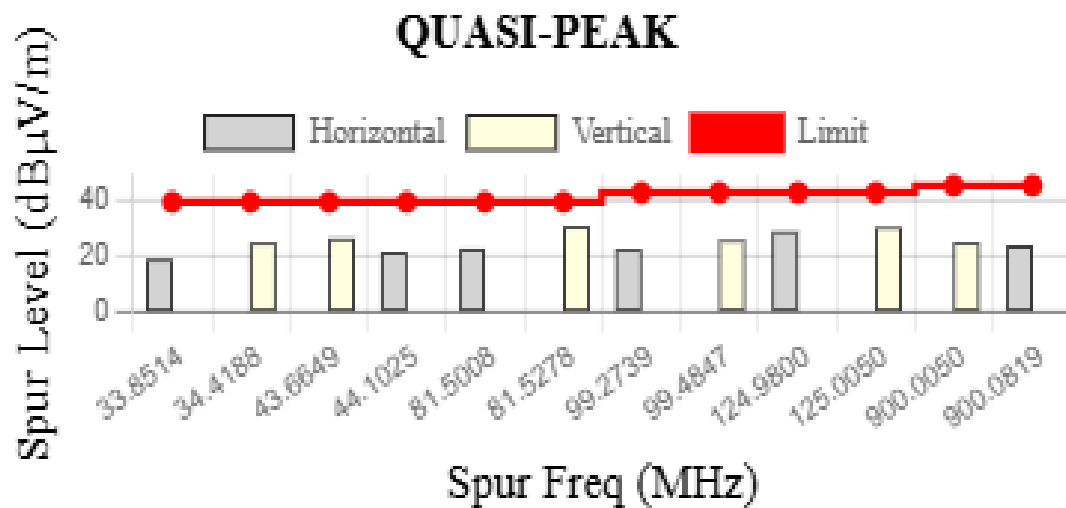
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	34.7451	19.34 *	40.00	20.66
Vertical	Quasi-Peak	34.8900	26.99	40.00	13.01
Vertical	Quasi-Peak	43.0108	26.07	40.00	13.93
Horizontal	Quasi-Peak	43.2975	20.48	40.00	19.52
Vertical	Quasi-Peak	49.1410	28.58	40.00	11.42
Horizontal	Quasi-Peak	49.1540	25.02	40.00	14.98
Vertical	Quasi-Peak	79.3744	30.75	40.00	9.25
Horizontal	Quasi-Peak	79.3824	22.10	40.00	17.90
Horizontal	Quasi-Peak	98.8284	24.40	43.50	19.10
Vertical	Quasi-Peak	99.0682	13.73 *	43.50	29.77
Vertical	Quasi-Peak	125.0040	30.23	43.50	13.27
Horizontal	Quasi-Peak	125.0100	29.66	43.50	13.84
Horizontal	Quasi-Peak	950.0220	23.53 *	46.00	22.47
Vertical	Quasi-Peak	950.0350	24.69 *	46.00	21.31
Horizontal	Peak	1499.8380	38.34 *	74.00	35.66
Horizontal	Average	1499.8380	28.84 *	54.00	25.16
Vertical	Peak	1500.4470	38.97 *	74.00	35.03
Vertical	Average	1500.4470	32.39 *	54.00	21.61

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

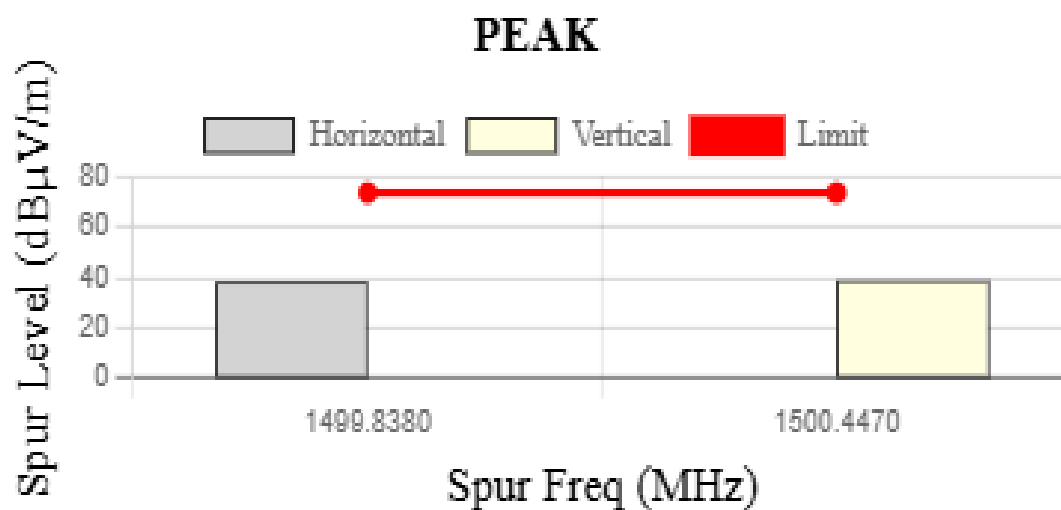
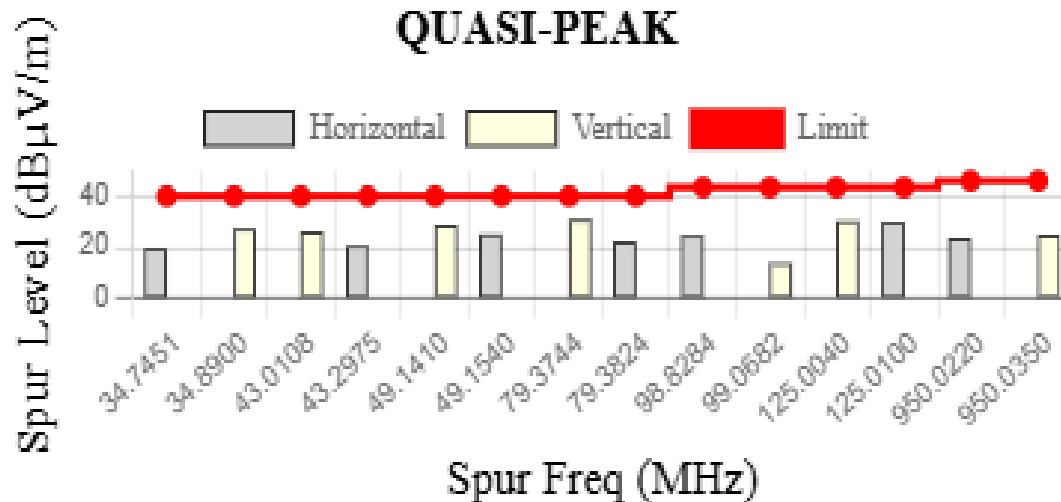
Remarks:

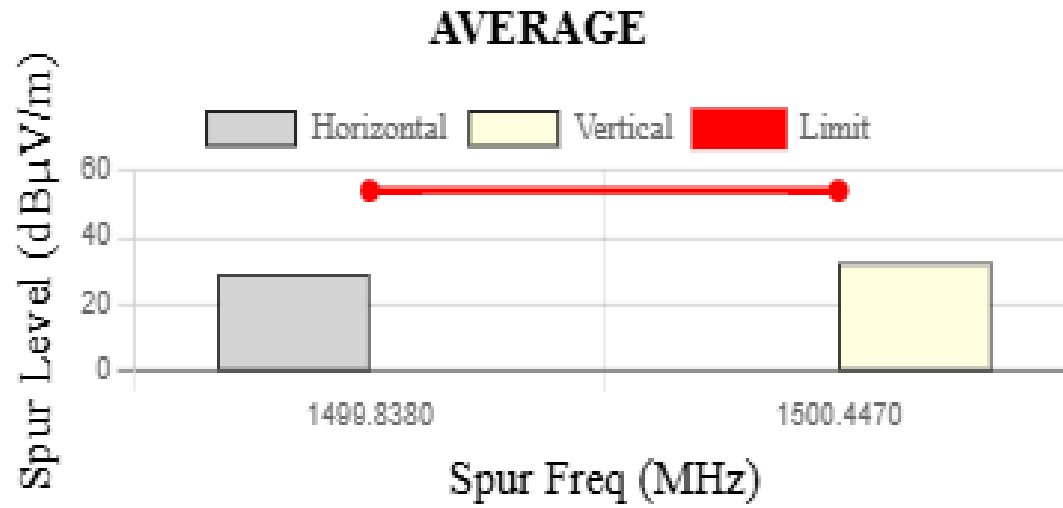
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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. 1-2023+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	37.0756	18.58 *	40.00	21.42
Vertical	Quasi-Peak	37.1516	25.78	40.00	14.22
Horizontal	Quasi-Peak	44.1724	21.55	40.00	18.45
Vertical	Quasi-Peak	44.9876	27.26	40.00	12.74
Vertical	Quasi-Peak	49.1770	28.50	40.00	11.50
Horizontal	Quasi-Peak	49.4407	20.46	40.00	19.54
Vertical	Quasi-Peak	80.7865	31.73	40.00	8.27
Horizontal	Quasi-Peak	81.1851	24.99	40.00	15.01
Vertical	Quasi-Peak	98.4392	13.57 *	43.50	29.93
Horizontal	Quasi-Peak	98.9217	24.04	43.50	19.46
Vertical	Quasi-Peak	124.9970	30.61	43.50	12.89
Horizontal	Quasi-Peak	125.0160	29.46	43.50	14.04
Vertical	Quasi-Peak	849.7952	19.66 *	46.00	26.34
Horizontal	Quasi-Peak	850.0560	28.07	46.00	17.93

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

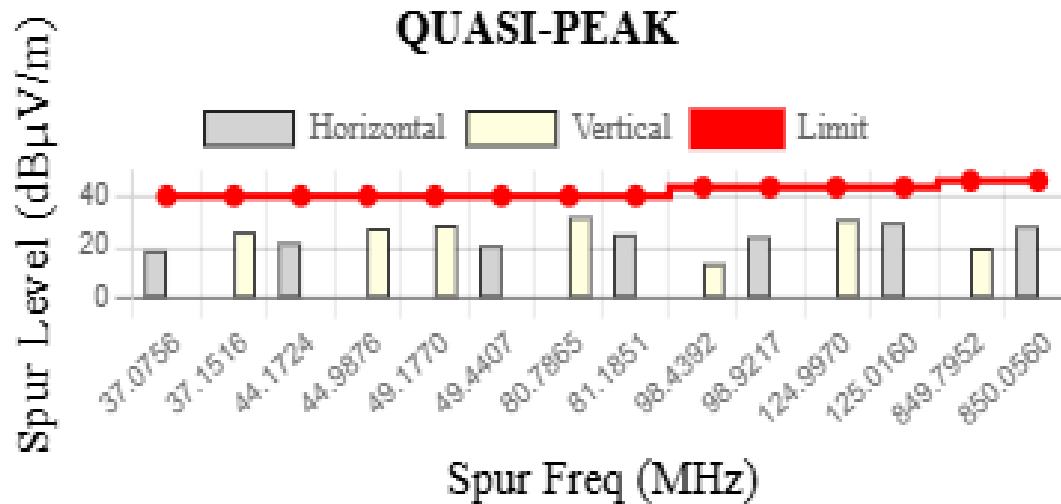
Remarks:

** 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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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)
Horizontal	Quasi-Peak	33.5204	19.23 *	40.00	20.77
Vertical	Quasi-Peak	34.2386	25.78	40.00	14.22
Horizontal	Quasi-Peak	44.8234	20.49	40.00	19.51
Vertical	Quasi-Peak	45.2480	28.06	40.00	11.94
Horizontal	Quasi-Peak	81.2031	24.03	40.00	15.97
Vertical	Quasi-Peak	81.7056	31.92	40.00	8.08
Vertical	Quasi-Peak	98.3313	23.75	43.50	19.75
Horizontal	Quasi-Peak	98.6710	23.26 *	43.50	20.24
Horizontal	Quasi-Peak	125.0150	29.20	43.50	14.30
Vertical	Quasi-Peak	125.0160	30.60	43.50	12.90
Vertical	Quasi-Peak	899.9561	20.08 *	46.00	25.92
Horizontal	Quasi-Peak	900.0230	30.02	46.00	15.98
Horizontal	Peak	1499.8590	36.36 *	74.00	37.64
Horizontal	Average	1499.8590	25.85 *	54.00	28.15
Vertical	Peak	1499.8810	37.44 *	74.00	36.56
Vertical	Average	1499.8810	29.18 *	54.00	24.82

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

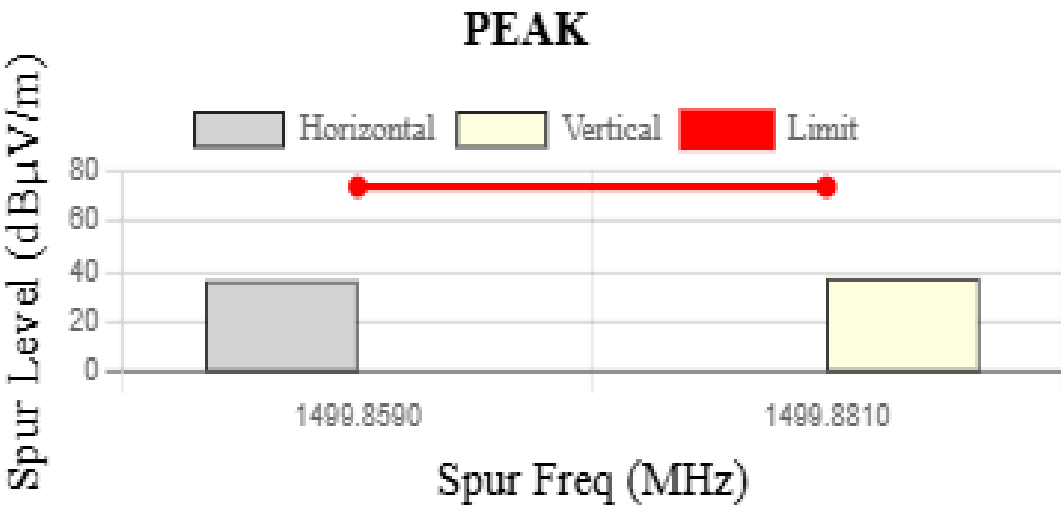
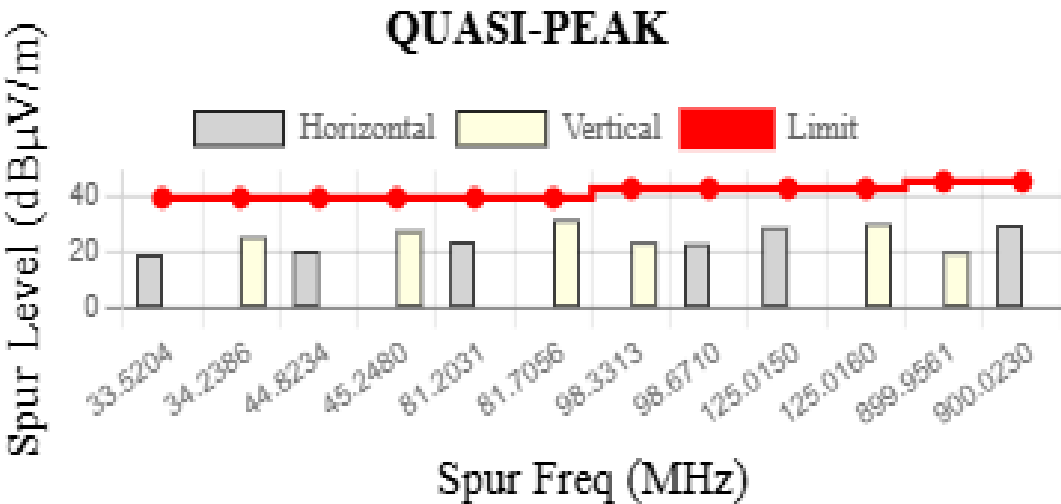
Remarks:

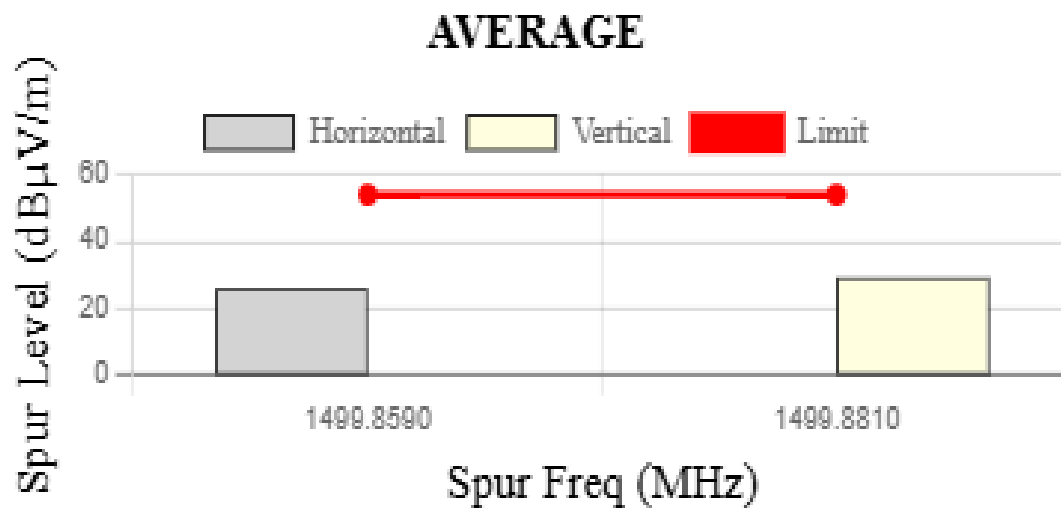
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	34.6871	20.14	40.00	19.86
Horizontal	Quasi-Peak	35.2156	18.56 *	40.00	21.44
Horizontal	Quasi-Peak	45.4562	20.30	40.00	19.70
Vertical	Quasi-Peak	45.9437	25.73	40.00	14.27
Horizontal	Quasi-Peak	79.3142	22.83	40.00	17.17
Vertical	Quasi-Peak	79.7658	25.49	40.00	14.51
Horizontal	Quasi-Peak	98.5415	24.00	43.50	19.50
Vertical	Quasi-Peak	98.6064	26.52	43.50	16.98
Horizontal	Quasi-Peak	124.9840	29.07	43.50	14.43
Vertical	Quasi-Peak	125.0220	30.15	43.50	13.35
Horizontal	Quasi-Peak	151.1542	24.21	43.50	19.29
Vertical	Quasi-Peak	151.3950	21.38 *	43.50	22.12
Horizontal	Peak	1499.7770	36.61 *	74.00	37.39
Horizontal	Average	1499.7770	22.28 *	54.00	31.72
Vertical	Peak	1500.3060	37.43 *	74.00	36.57
Vertical	Average	1500.3060	29.06 *	54.00	24.94
Vertical	Peak	1559.7300	37.35 *	74.00	36.65
Vertical	Average	1559.7300	21.88 *	54.00	32.12
Horizontal	Peak	1560.5180	36.61 *	74.00	37.39
Horizontal	Average	1560.5180	21.08 *	54.00	32.92

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Wed, 8 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

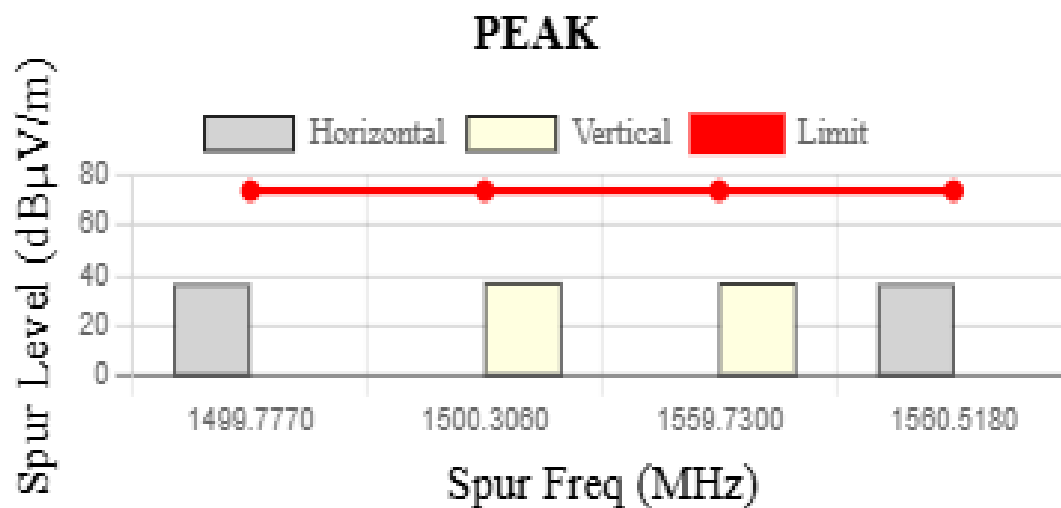
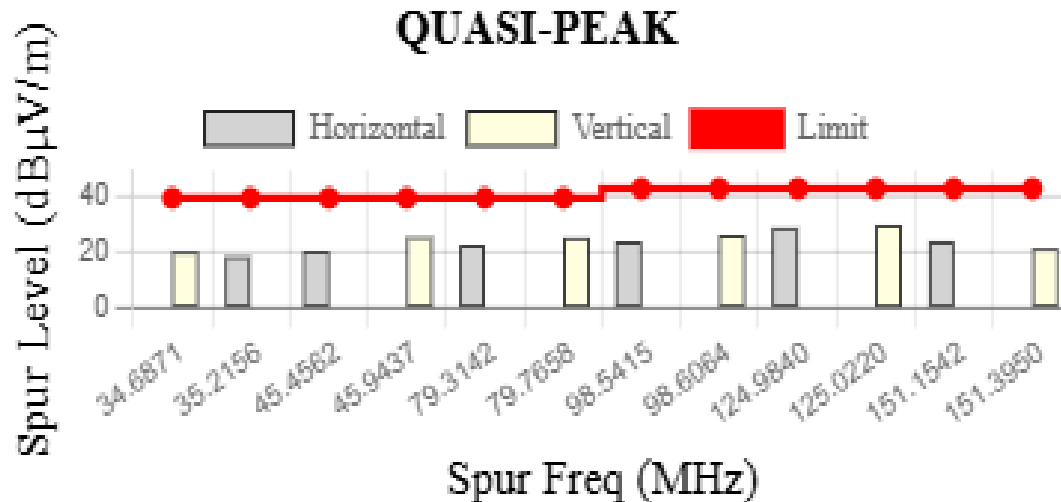
Remarks:

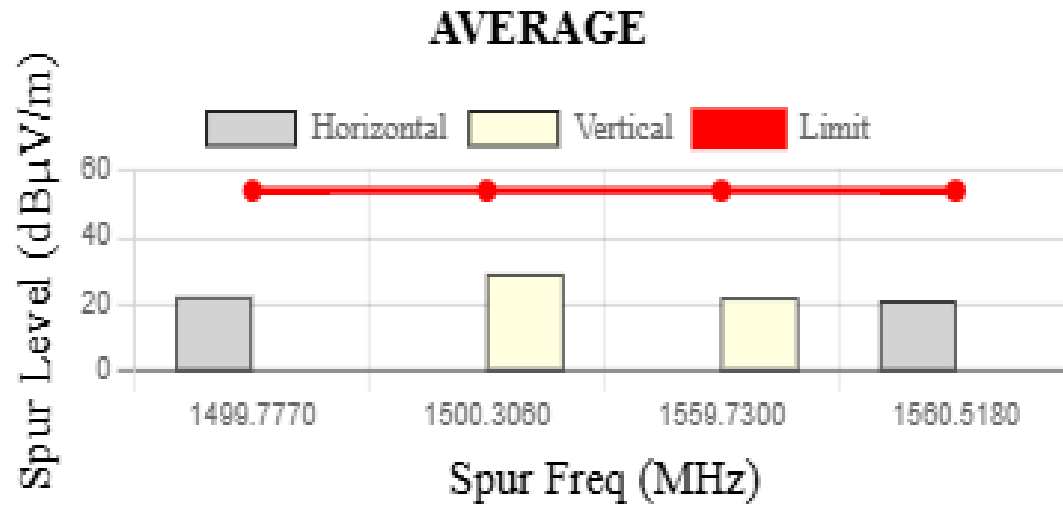
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	34.9251	25.51	40.00	14.49
Horizontal	Quasi-Peak	35.1429	18.99 *	40.00	21.01
Horizontal	Quasi-Peak	43.8700	21.46	40.00	18.54
Vertical	Quasi-Peak	44.1967	24.29	40.00	15.71
Vertical	Quasi-Peak	49.0910	25.30	40.00	14.70
Horizontal	Quasi-Peak	49.1889	24.04	40.00	15.96
Vertical	Quasi-Peak	79.0213	29.59	40.00	10.41
Horizontal	Quasi-Peak	79.7825	22.18	40.00	17.82
Vertical	Quasi-Peak	97.1661	17.21 *	43.50	26.29
Horizontal	Quasi-Peak	97.6167	22.31 *	43.50	21.19
Horizontal	Quasi-Peak	124.9910	29.98	43.50	13.52
Vertical	Quasi-Peak	124.9950	30.26	43.50	13.24
Horizontal	Peak	4819.6880	43.88 *	74.00	30.12
Horizontal	Average	4819.6880	31.69 *	54.00	22.31
Vertical	Peak	4820.0790	44.45 *	74.00	29.55
Vertical	Average	4820.0790	30.04 *	54.00	23.96
Horizontal	Peak	5288.4180	46.22 *	68.20	21.98
Vertical	Peak	5288.5960	48.08 *	68.20	20.12

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

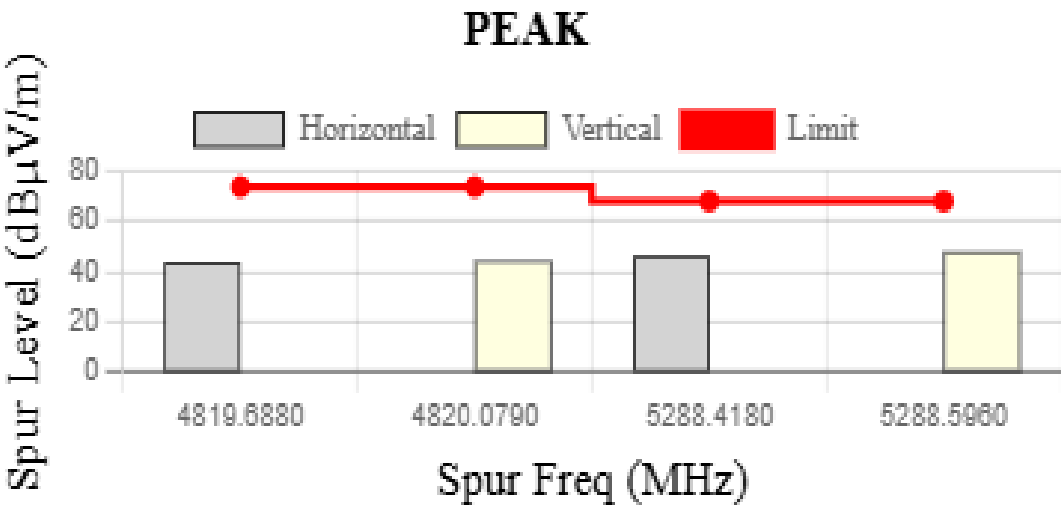
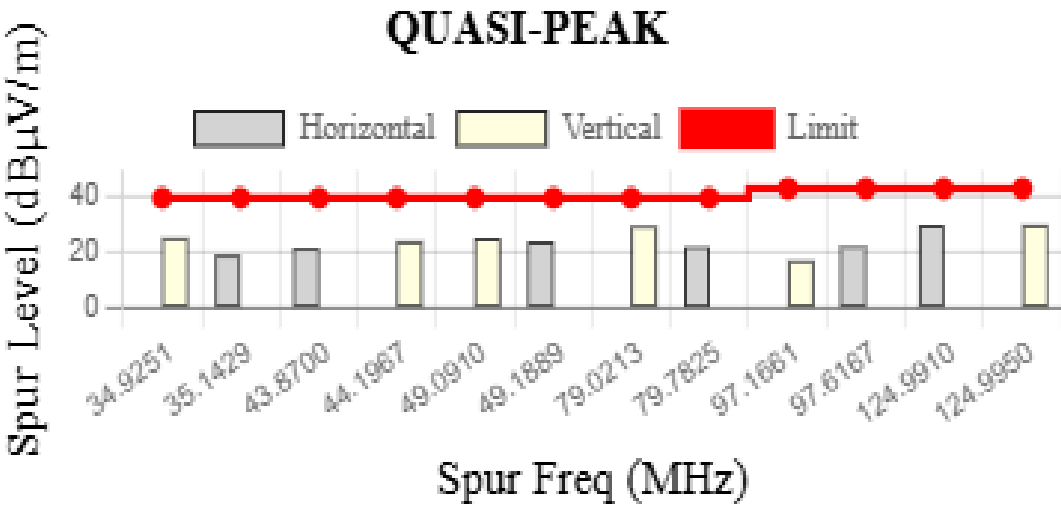
Remarks:

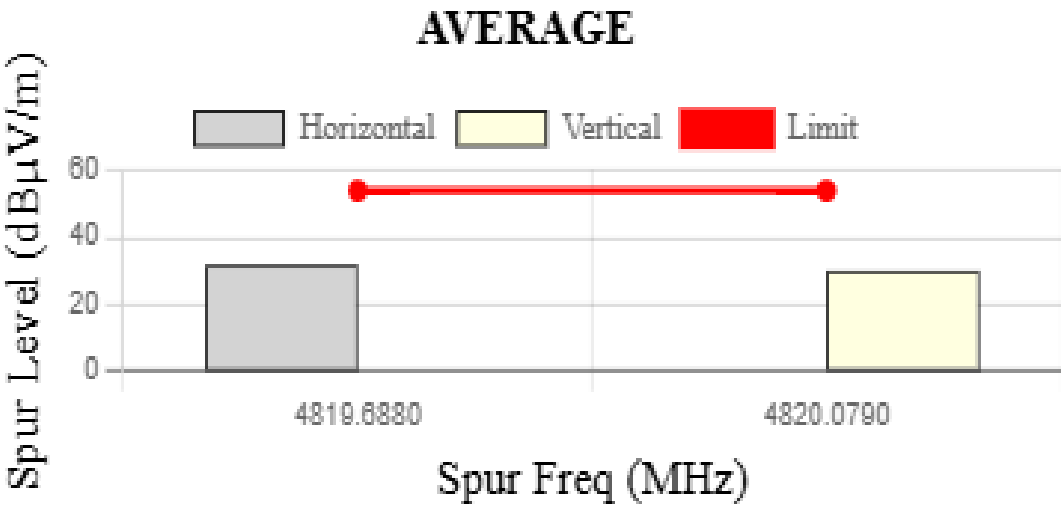
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	32.8570	25.70	40.00	14.30
Horizontal	Quasi-Peak	33.1916	19.10 *	40.00	20.90
Horizontal	Quasi-Peak	41.7965	19.63 *	40.00	20.37
Vertical	Quasi-Peak	41.9633	27.85	40.00	12.15
Vertical	Quasi-Peak	79.8825	29.71	40.00	10.29
Horizontal	Quasi-Peak	80.7636	24.13	40.00	15.87
Vertical	Quasi-Peak	87.7523	19.43 *	40.00	20.57
Horizontal	Quasi-Peak	88.2218	18.58 *	43.50	24.92
Horizontal	Quasi-Peak	124.9850	29.31	43.50	14.19
Vertical	Quasi-Peak	124.9990	30.14	43.50	13.36
Vertical	Quasi-Peak	900.0010	24.63 *	46.00	21.37
Horizontal	Quasi-Peak	900.0320	29.97	46.00	16.03
Horizontal	Peak	1499.9380	37.69 *	74.00	36.31
Horizontal	Average	1499.9380	29.91 *	54.00	24.09
Vertical	Peak	1499.9950	38.75 *	74.00	35.25
Vertical	Average	1499.9950	32.45 *	54.00	21.55
Vertical	Peak	4889.0280	50.47 *	74.00	23.53
Vertical	Average	4889.0280	33.29 *	54.00	20.71
Horizontal	Peak	4889.1770	46.52 *	74.00	27.48
Horizontal	Average	4889.1770	31.66 *	54.00	22.34
Vertical	Peak	5903.0180	45.18 *	68.20	23.02
Horizontal	Peak	5903.0430	46.50 *	68.20	21.70

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Wed, 8 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

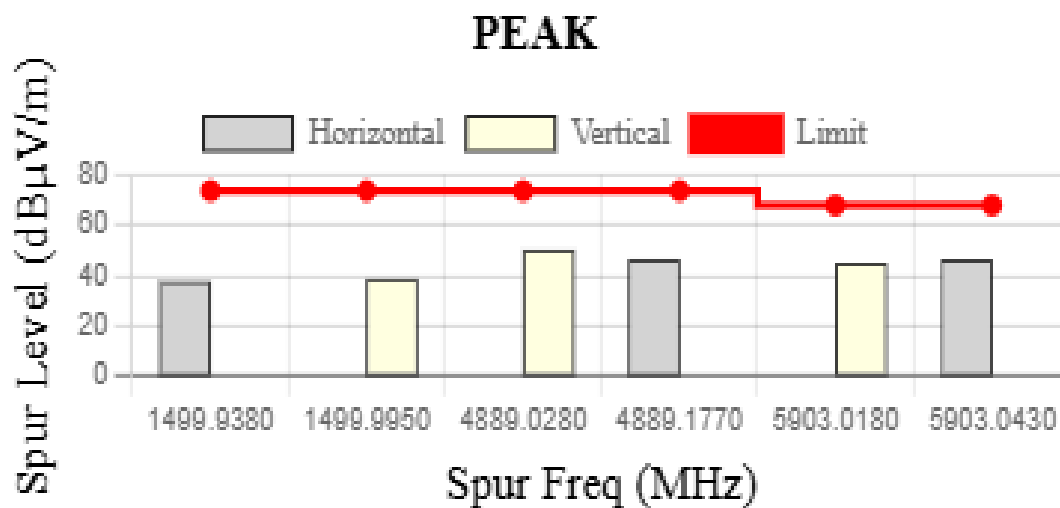
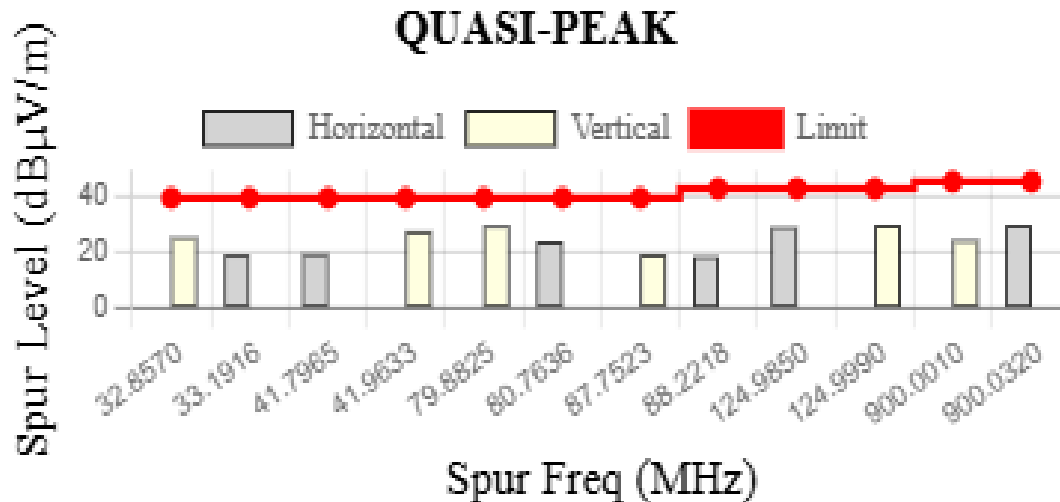
Remarks:

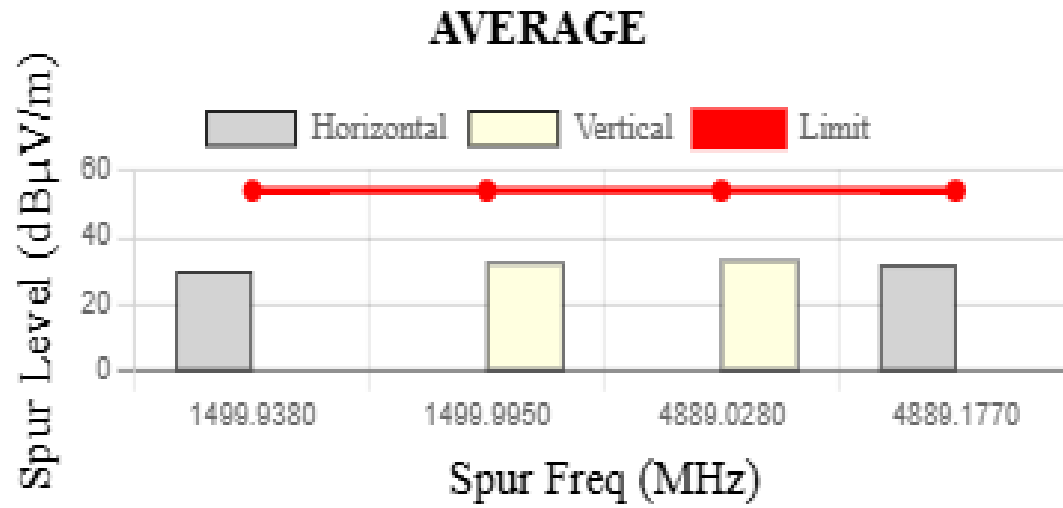
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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)
Vertical	Quasi-Peak	43.5165	24.00	40.00	16.00
Horizontal	Quasi-Peak	43.8532	21.48	40.00	18.52
Vertical	Quasi-Peak	81.2109	31.82	40.00	8.18
Horizontal	Quasi-Peak	81.2119	19.35 *	40.00	20.65
Horizontal	Quasi-Peak	98.5274	21.91 *	43.50	21.59
Vertical	Quasi-Peak	99.0989	12.44 *	43.50	31.06
Vertical	Quasi-Peak	125.0000	30.64	43.50	12.86
Horizontal	Quasi-Peak	125.0090	30.13	43.50	13.37
Horizontal	Quasi-Peak	250.0150	28.78	46.00	17.22
Vertical	Quasi-Peak	250.0309	16.93 *	46.00	29.07
Vertical	Quasi-Peak	501.5850	25.24 *	46.00	20.76
Horizontal	Quasi-Peak	501.6000	26.96	46.00	19.04
Vertical	Peak	4288.6860	49.26 *	74.00	24.74
Vertical	Average	4288.6860	37.74	54.00	16.26
Horizontal	Peak	4288.8090	48.09 *	74.00	25.91
Horizontal	Average	4288.8090	35.75	54.00	18.25
Horizontal	Peak	5897.1670	50.90	68.20	17.30
Vertical	Peak	5897.6570	44.89 *	68.20	23.31
Horizontal	Peak	14990.1900	54.64	68.20	13.56
Vertical	Peak	14990.6400	54.40	68.20	13.80

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Wed, 8 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

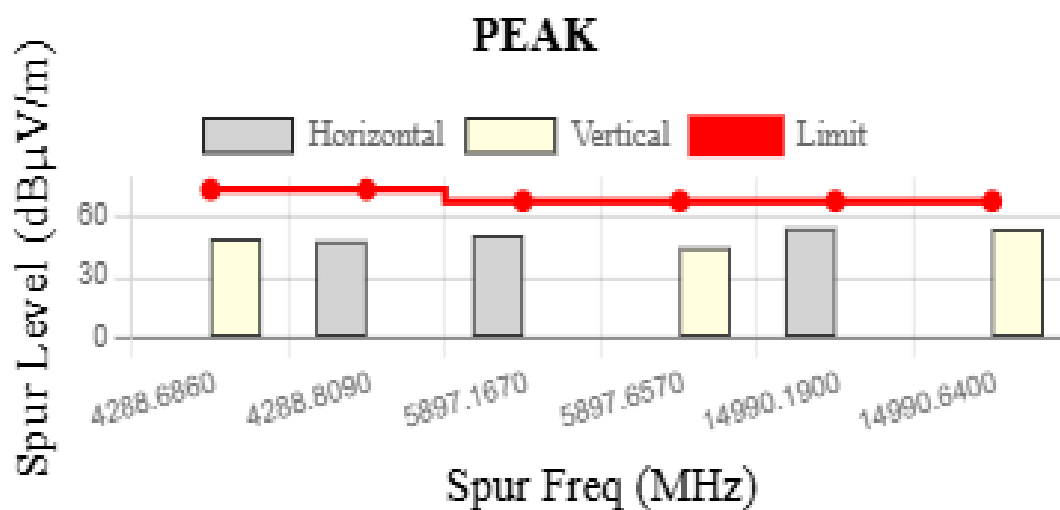
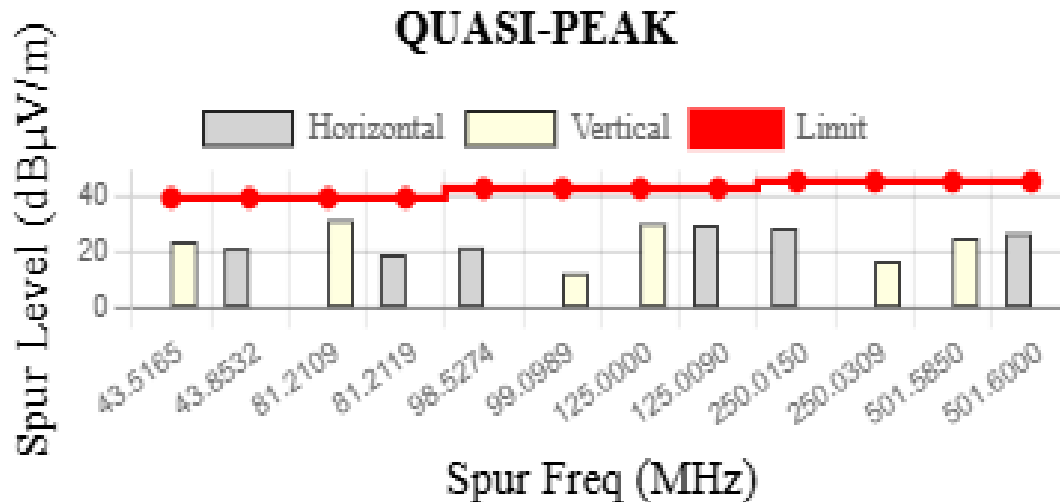
Remarks:

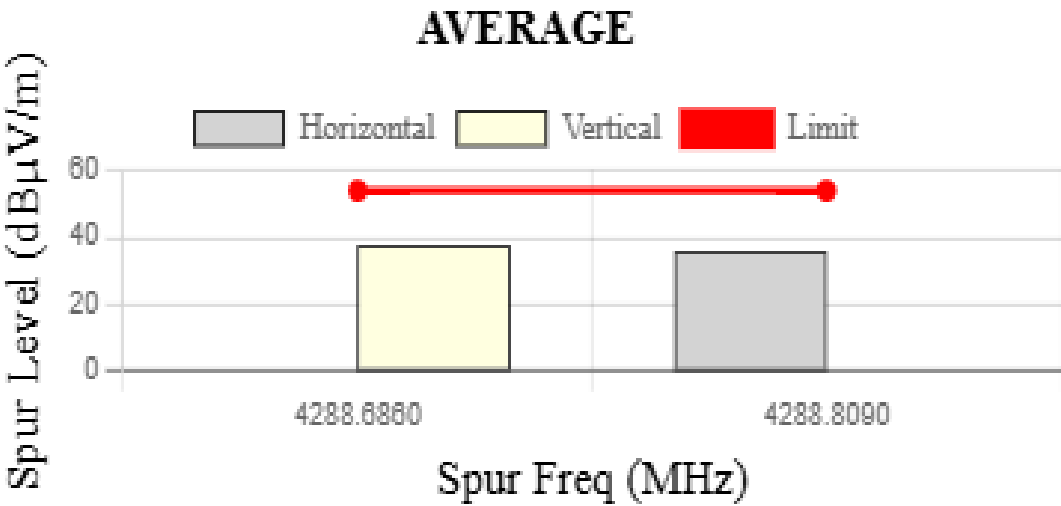
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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)
Horizontal	Quasi-Peak	34.3754	19.28 *	40.00	20.72
Vertical	Quasi-Peak	35.1197	23.67	40.00	16.33
Vertical	Quasi-Peak	43.7835	24.90	40.00	15.10
Horizontal	Quasi-Peak	44.1531	21.29	40.00	18.71
Vertical	Quasi-Peak	49.1310	28.87	40.00	11.13
Horizontal	Quasi-Peak	49.1720	24.77	40.00	15.23
Horizontal	Quasi-Peak	81.1971	22.28	40.00	17.72
Vertical	Quasi-Peak	81.3779	26.13	40.00	13.87
Horizontal	Quasi-Peak	125.0010	29.97	43.50	13.53
Vertical	Quasi-Peak	125.0040	31.08	43.50	12.42
Vertical	Quasi-Peak	249.9820	20.47 *	46.00	25.53
Horizontal	Quasi-Peak	249.9880	27.34	46.00	18.66
Vertical	Peak	4308.6960	44.71 *	74.00	29.29
Vertical	Average	4308.6960	31.04 *	54.00	22.96
Horizontal	Peak	4309.6090	45.13 *	74.00	28.87
Horizontal	Average	4309.6090	30.87 *	54.00	23.13
Horizontal	Peak	5593.7760	48.01 *	68.20	20.19
Vertical	Peak	5594.0750	49.32	68.20	18.88

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

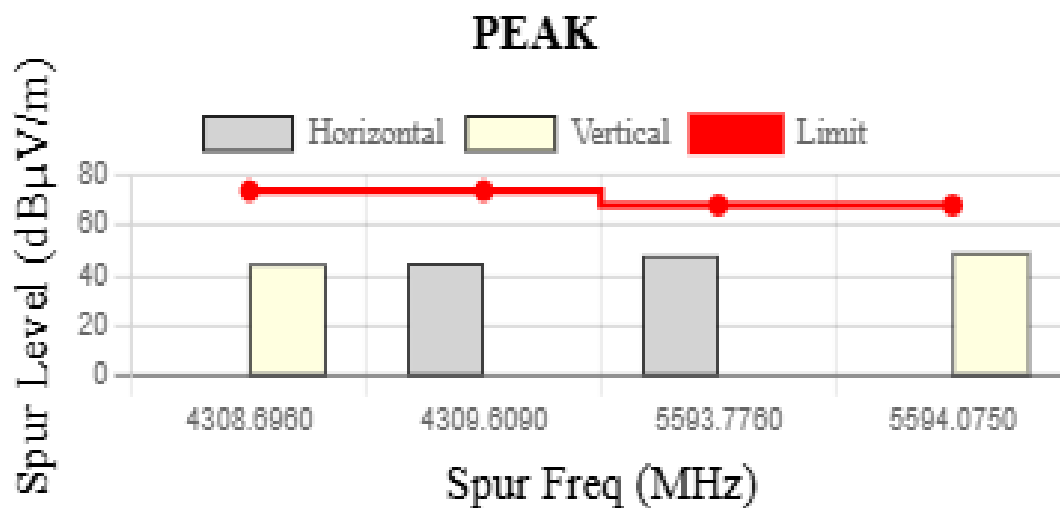
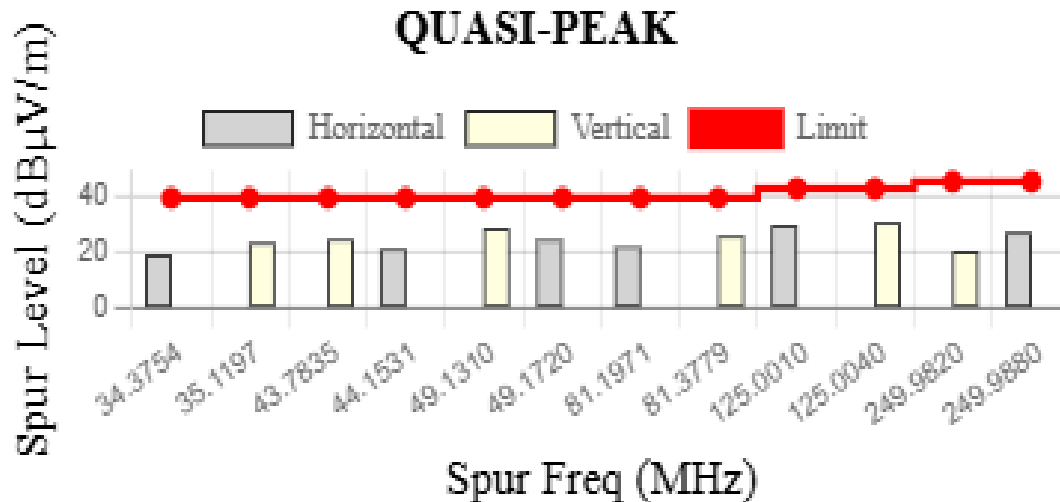
Remarks:

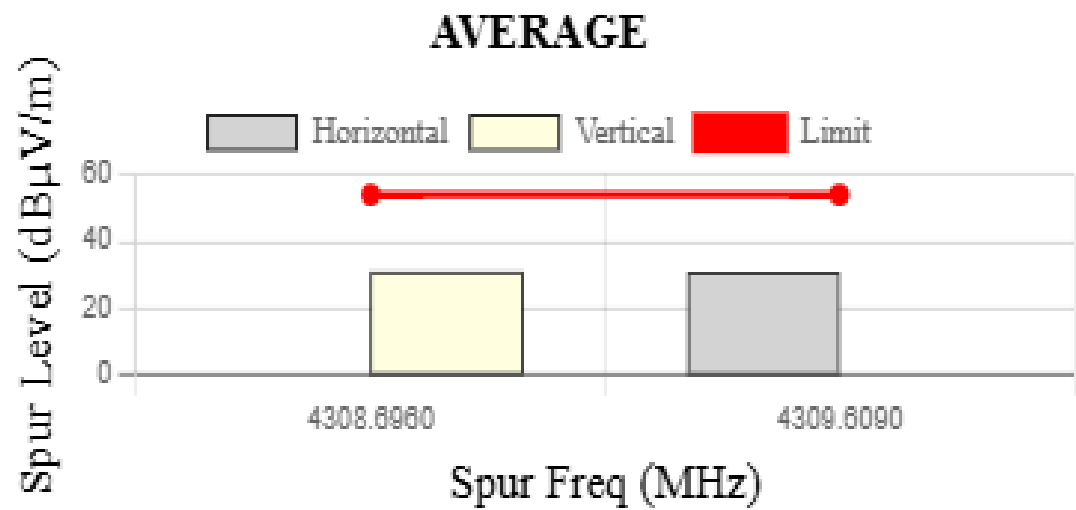
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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)
Vertical	Quasi-Peak	31.1512	23.02	40.00	16.98
Horizontal	Quasi-Peak	31.7216	19.97 *	40.00	20.03
Vertical	Quasi-Peak	43.1762	29.68	40.00	10.32
Horizontal	Quasi-Peak	43.6157	21.21	40.00	18.79
Horizontal	Quasi-Peak	81.0334	24.00	40.00	16.00
Vertical	Quasi-Peak	81.7067	29.09	40.00	10.91
Horizontal	Quasi-Peak	125.0080	30.20	43.50	13.30
Vertical	Quasi-Peak	125.0090	30.37	43.50	13.13
Horizontal	Quasi-Peak	250.0080	28.64	46.00	17.36
Vertical	Quasi-Peak	250.0170	18.71 *	46.00	27.29
Vertical	Quasi-Peak	410.3930	24.93 *	46.00	21.07
Horizontal	Quasi-Peak	410.4060	25.40 *	46.00	20.60
Horizontal	Peak	4339.2080	47.60 *	74.00	26.40
Horizontal	Average	4339.2080	34.95	54.00	19.05
Vertical	Peak	4339.5940	48.46 *	74.00	25.54
Vertical	Average	4339.5940	36.30	54.00	17.70
Horizontal	Peak	5592.5020	45.87 *	68.20	22.33
Vertical	Peak	5592.6600	51.97	68.20	16.23
Horizontal	Peak	17355.4200	59.66	68.20	8.54
Vertical	Peak	17355.6000	58.37	68.20	9.83

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Wed, 8 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

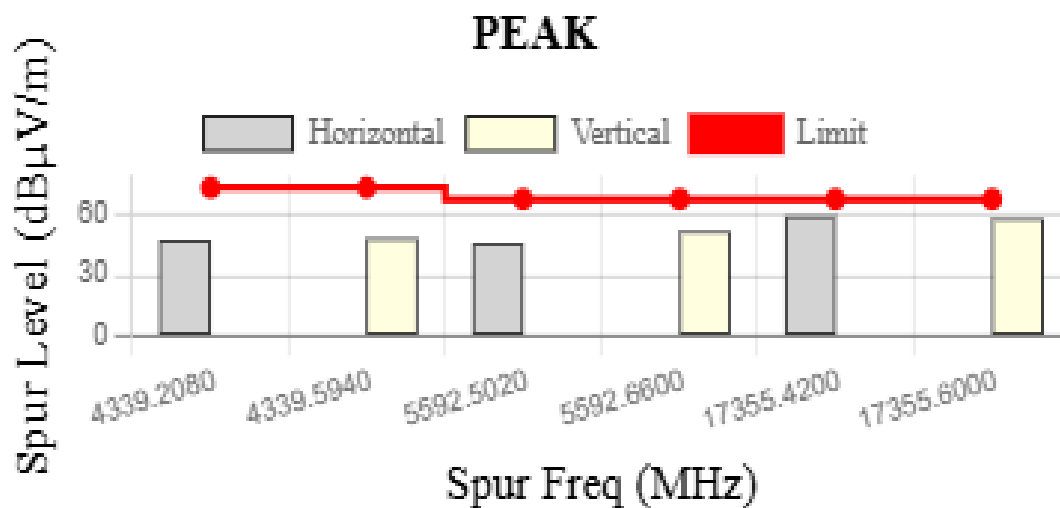
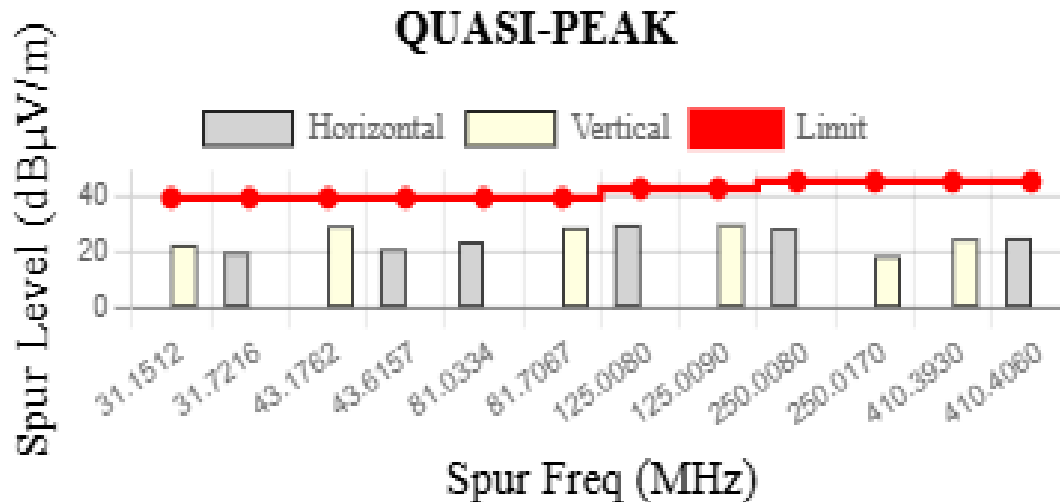
Remarks:

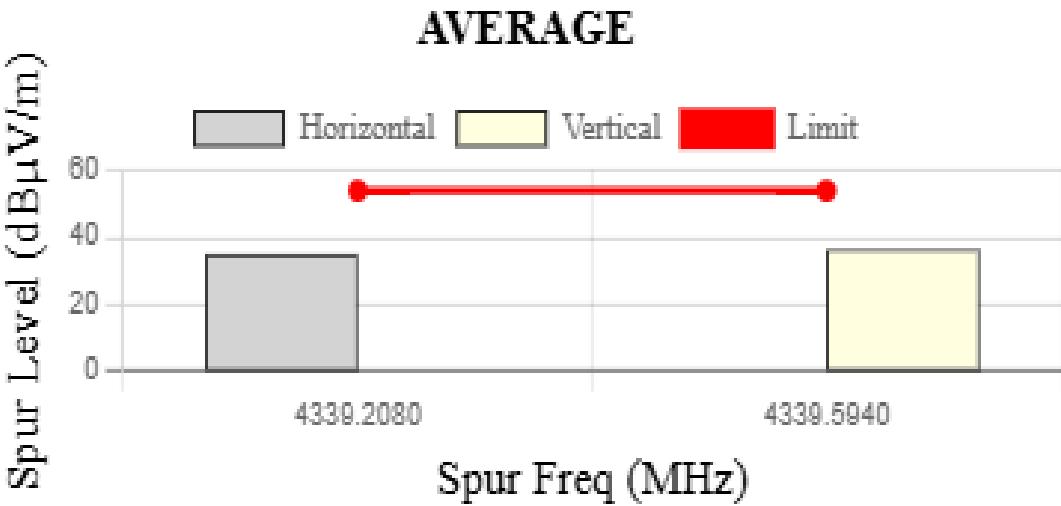
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00052

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, 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	44.8572	20.64	40.00	19.36
Vertical	Quasi-Peak	45.4966	27.37	40.00	12.63
Horizontal	Quasi-Peak	81.3842	24.25	40.00	15.75
Vertical	Quasi-Peak	81.4891	28.10	40.00	11.90
Vertical	Quasi-Peak	99.2323	27.71	43.50	15.79
Horizontal	Quasi-Peak	99.3652	24.11	43.50	19.39
Horizontal	Quasi-Peak	125.0139	28.96	43.50	14.54
Vertical	Quasi-Peak	125.0309	29.76	43.50	13.74
Horizontal	Quasi-Peak	250.0000	27.62	46.00	18.38
Vertical	Quasi-Peak	250.0100	17.47 *	46.00	28.53
Horizontal	Quasi-Peak	501.5950	26.91	46.00	19.09
Vertical	Quasi-Peak	501.6279	25.77 *	46.00	20.23
Horizontal	Peak	4376.4560	48.69 *	74.00	25.31
Horizontal	Average	4376.4560	35.98	54.00	18.02
Vertical	Peak	4376.7670	49.42 *	74.00	24.58
Vertical	Average	4376.7670	37.13	54.00	16.87
Horizontal	Peak	5603.2040	45.93 *	68.20	22.27
Vertical	Peak	5603.5530	46.60 *	68.20	21.60
Vertical	Peak	17478.1300	58.63	68.20	9.57
Horizontal	Peak	17478.2800	60.42	68.20	7.78

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Wed, 8 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

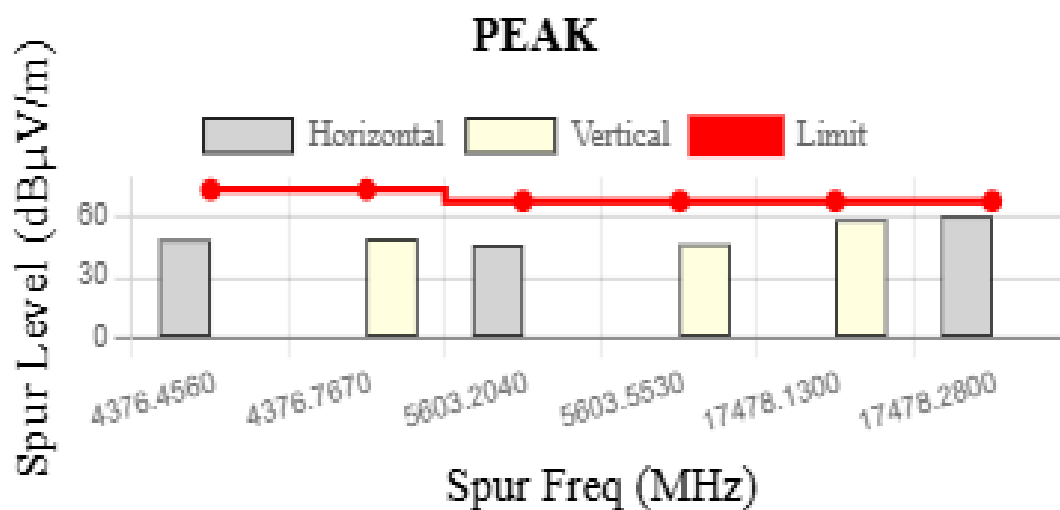
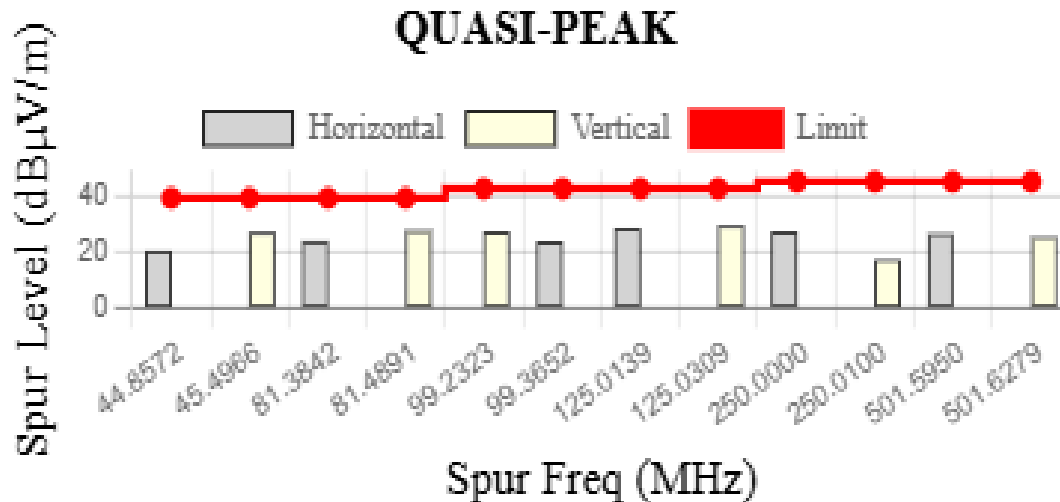
Remarks:

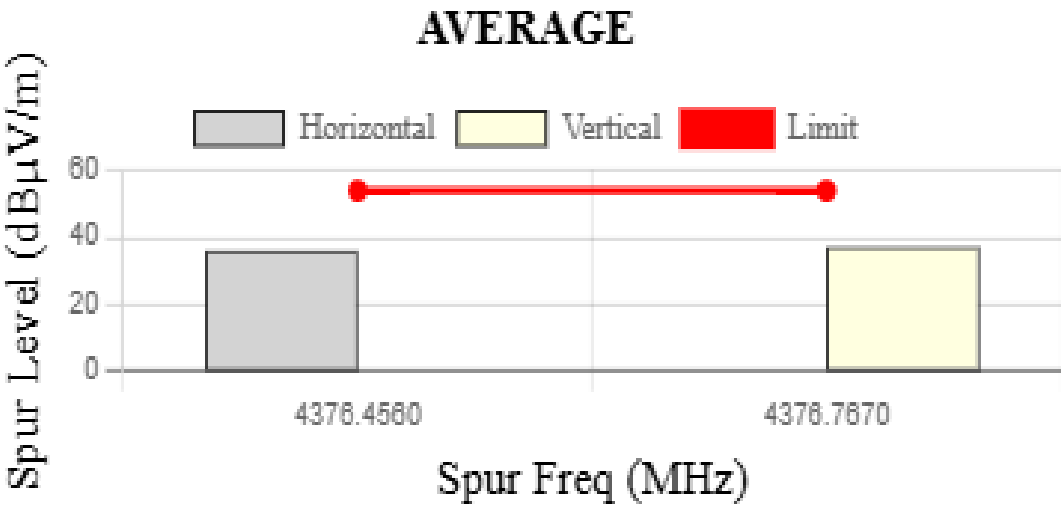
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

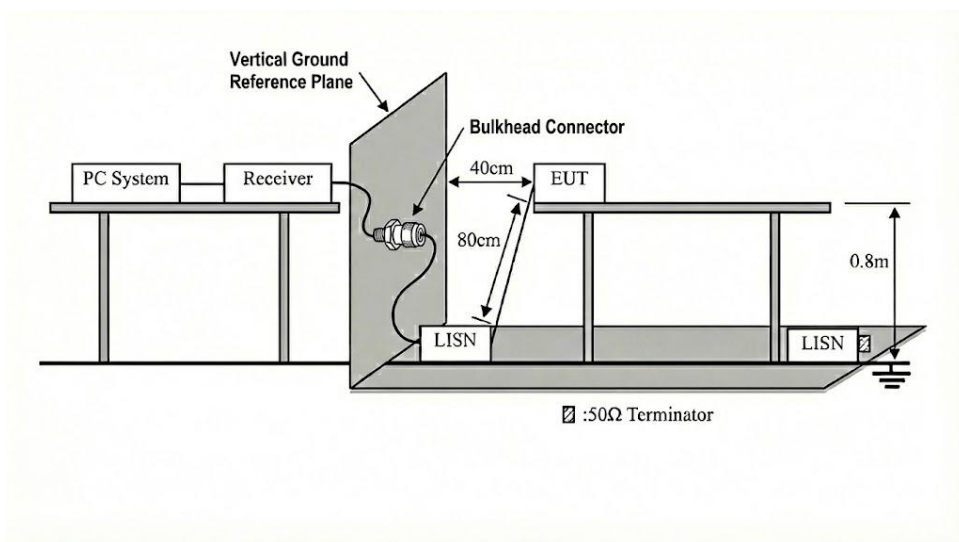
- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





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(μ V)	
	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.

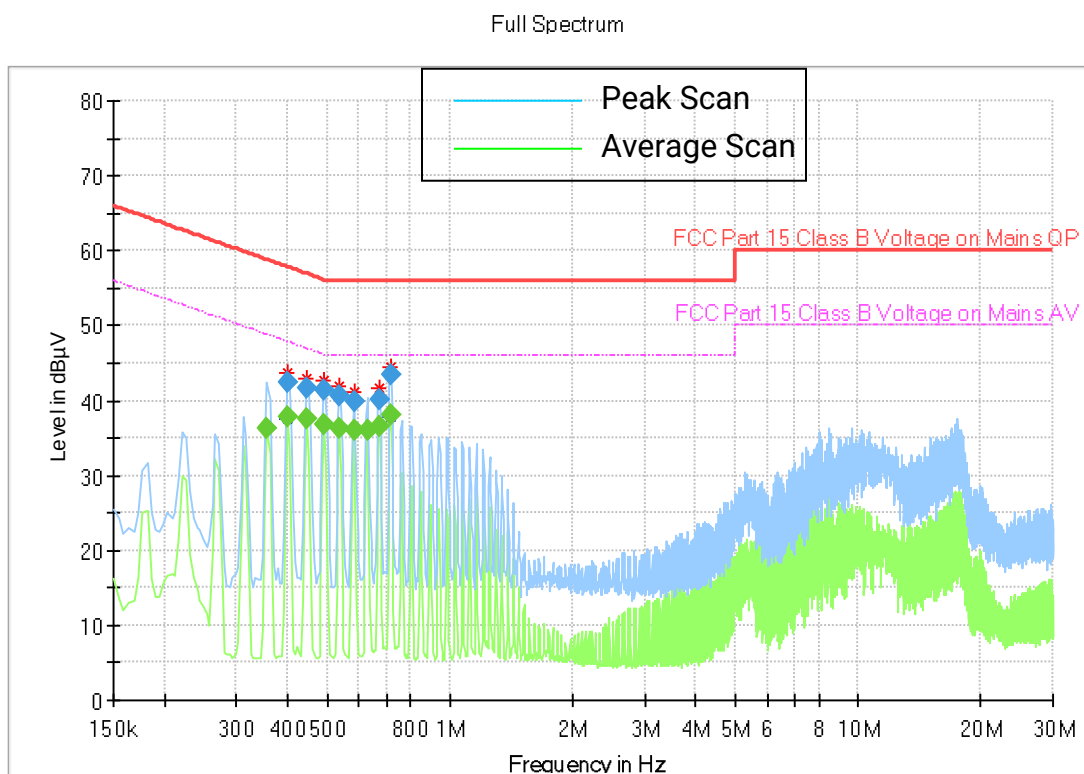
**Limits for conducted disturbance at the mains ports
of class B ITE**

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, CH: 5700MHz Mod: 802.11a)



QuasiPeak and Average Measurement

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.357000	---	36.36	48.80	12.43	L1	ON	10.0
0.402000	42.39	---	57.81	15.42	L1	ON	10.0
0.402000	---	37.72	47.81	10.09	L1	ON	10.0
0.447000	41.75	---	56.93	15.18	L1	ON	10.0
0.447000	---	37.56	46.93	9.37	L1	ON	10.0
0.492000	41.31	---	56.13	14.82	L1	ON	10.0
0.492000	---	36.90	46.13	9.23	L1	ON	10.0
0.537000	40.56	---	56.00	15.44	L1	ON	10.0
0.537000	---	36.36	46.00	9.64	L1	ON	10.0
0.582000	39.84	---	56.00	16.16	N	ON	10.0
0.582000	---	36.10	46.00	9.90	L1	ON	10.0
0.627000	---	36.03	46.00	9.97	L1	ON	10.0
0.672000	---	36.60	46.00	9.40	N	ON	9.9
0.672000	40.12	---	56.00	15.88	L1	ON	9.9
0.717000	---	38.05	46.00	7.95	L1	ON	9.9
0.717000	43.45	---	56.00	12.55	L1	ON	9.9

END OF TEST REPORT