

 MOTOROLA SOLUTIONS	    CERTIFICATE 2518.08 SAMM 825																												
MOTOROLA PENANG ADV. COMM. LABORATORY Motorola Solutions Malaysia Sdn. Bhd. Plot 2A Medan Bayan Lepas, Mukim 12, S.W.D. 11900 Bayan Lepas, Penang, Malaysia.	FCC / IC TEST REPORT Report Revision : Rev.A																												
<table><tr><td>Date/s Tested</td><td>: 03-May-2026 - 15-May-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>: CHUAH YIH JIAN</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>: AAM29QPN9YA1AN</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) FCC 47 CFR Part 15 Subpart E ISED RSS 247</td><td>PASS</td></tr></table>		Date/s Tested	: 03-May-2026 - 15-May-2026	Manufacturer/Location	: Motorola Solutions Malaysia Sdn Bhd	Manufacturer Address	: Plot 2A, Medan Bayan Lepas, Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia	Requestor	: CHUAH YIH JIAN	Product Type	: Mobile / Vehicle Mount	Product Marketing Name (PMN)	: MR7r	Hardware Version Identification Number (HVIN)	: AAM29QPN9YA1AN	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) FCC 47 CFR Part 15 Subpart E ISED RSS 247	PASS
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Prepared By:  _____ NUR ALIEYA BINTI MAT YUSOFF Technician	Approved Signatory:  _____ VINCENT FOONG CHUEN KIT Responsible Engineer																												

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Revision History	Description	Date	Originator
Rev. A	Initial Report	15-June-2026	Nur Alieya

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: 13.614dBm (22.983mW) 802.11n20/ac20: 13.184dBm (20.816mW)	008TCF1821	Hidayati
15.407(a) (1/2/3)	RSS 247 6.2	Maximum Power Spectral Density	Pass	Meet the requirement limits.	008TCF1821	Hidayati
15.407 (e)	RSS 247 6.2.4	6dB Bandwidth	Pass	a20: 16.858MHz (16M9D1D) n20/ac20: 17.745MHz (17M7D1D)	008TCF1821	Hidayati
15.407 (g)	RSS Gen 6.11	Frequency Stability	Pass	Meet the requirement limits.	008TCF1821	Hidayati
15.407 (b) (1/2/3/4/6)	RSS 247 6.2	Band Edge Radiated Spurious Emission Measurement	Pass	Worst case emission: 62.97dBuV/m (Margin: 5.23dB)	008TCF1848	Nazrin & Fuad
15.407 (b) (1/2/3/4/6)	RSS 247 6.2	Radiated Spurious Emission Measurement	Pass	Worst case emission: 32.61dBuV/m (Margin: 7.39dB)	008TCF1848	Nazrin & Fuad
15.207 15.407 (b)(6)	RSS Gen 8.8	AC Powerline Conducted Emission	Pass	Meet the requirement limits.	008TCF1848	Helmy
15.203	-	Antenna requirement	NA	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	30-Sep-25	03-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
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
BROAD-BAND HORN ANTENNA	BBHA9170	BBHA9170143	30-Sep-25	30-Sep-26
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
5m SEMI-ANECHOIC CHAMBER	S800-HX	J2308	Not Required	Not Required
SYSTEM CONTROLLER	SC104V	050806-1	Not Required	Not Required
TURNTABLE FLUSH MOUNT 2M	FM2011	FM2011-001	Not Required	Not Required
ANTENNA POSITIONING TOWER	TLT2	090308-5	Not Required	Not Required
PREAMPLIFIER 18-40GHz	JS44-18004000-33-8P	2034566	Not Required	Not Required

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	04-Sep-2025	04-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	GENESEE
Power Supply Rating	13.6Vdc
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 MCS7 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)	28.18mW for 5.180 ~ 5.240 GHz 28.18mW for 5.260 ~ 5.320 GHz 28.18mW for 5.50 ~ 5.720 GHz 28.18mW 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 COMBO GNSS (GPS/GALILEO/QZSS/GLONASS), UHF 406-420 MHZ, 3.5 DB GN MINI-U	MOTOROLA	PMAE4032B
MOBILE ANTENNA GNSS L1 & L5 MAGNET MOUNT	MOTOROLA	PMAN4013A
LTD DESKTOP MOBILE MIC	MOTOROLA	RMN5050A-C4
DESKTOP TRAY WITH SPEAKER	MOTOROLA	RSN4005A-CF1
POWER SUPPLY ADAPTOR, EXT 280W POWER SUPPLY, 100-240VAC, SAE	MOTOROLA	PS000280A02-CF1
GENESEE COLOR DISPLAY CONTROL HEAD	MOTOROLA	PMLN8805A
MOTOTRBO REAR ACCESSORY CONNECTOR KIT	MOTOROLA	PMLN5072A
POWER CORD, US	MOTOROLA	3087791G01

Description of Test Modes:

For 5180 to 5240 MHz:

Channels for 802.11a, 802.11n, 802.11ac (HT20, VHT20)
VHT40)

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

Channels for 802.11n, 802.11ac (HT40,

Channel	Frequency (MHz)
38	5190
46	5230

Channels for 802.11ac (VHT80)

Channel	Frequency (MHz)
42	5210

For 5260 to 5320 MHz:

Channels for 802.11a, 802.11n, 802.11ac (HT20, VHT20)
VHT40)

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

Channels for 802.11n, 802.11ac (HT40,

Channel	Frequency (MHz)
54	5270
62	5310

Channels for 802.11ac (VHT80)

Channel	Frequency (MHz)
58	5290

For 5500 to 5720 MHz:

Channels for 802.11a, 802.11n, 802.11ac (HT20, VHT20)
VHT40)

Channel	Frequency (MHz)
100	5500
104	5520
108	5540
112	5560
116	5580
120	5600
124	5620

Channels for 802.11n, 802.11ac (HT40,

Channel	Frequency (MHz)
102	5510
110	5550
118	5590
126	5630
134	5670
142	5710

128	5640
132	5660
136	5680
140	5700
144	5720

Channels for 802.11ac (VHT80)

Channel	Frequency (MHz)
106	5530
122	5610
138	5690

For 5745 to 5825 MHz:

Channels for 802.11a, 802.11n, 802.11ac (HT20, VHT40)
VHT40)

Channel	Frequency(MHz)
149	5745
153	5765
157	5785
161	5805
165	5825

Channels for 802.11n, 802.11ac (HT40,

Channel	Frequency(MHz)
151	5755
159	5795

Channels for 802.11ac (VHT80)

Channel	Frequency (MHz)
155	5775

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)	52-46	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)	52-46	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	23.7°C, 68.9% RH	120V DC	Nazrin/Fuad
RE<1G	23.7°C, 68.9% RH	120V DC	Nazrin/Fuad
PLC	20.7°C, 55% RH	120V AC	Helmy
APCM	25°C, 50% RH	13.6V DC	Hidayati

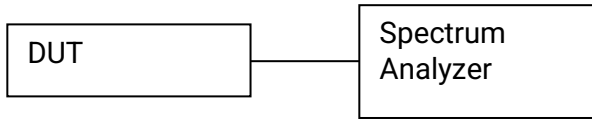
Duty Cycle of Test Signal

802.11a and 802.11n (HT20): Duty cycle of test signal is >96%.

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

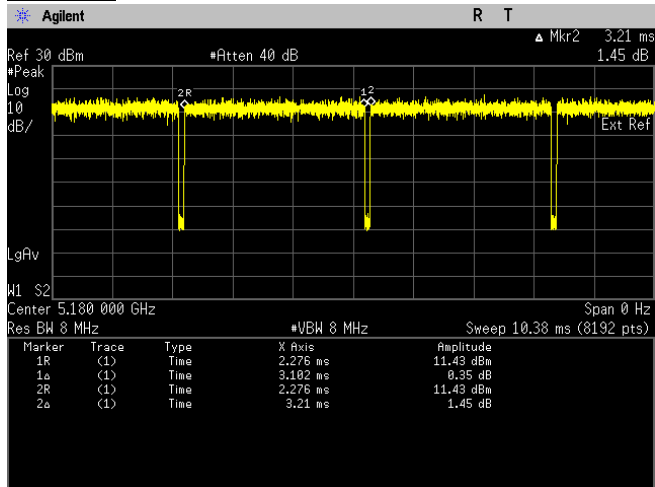
6.0.1. Test Setup



- 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

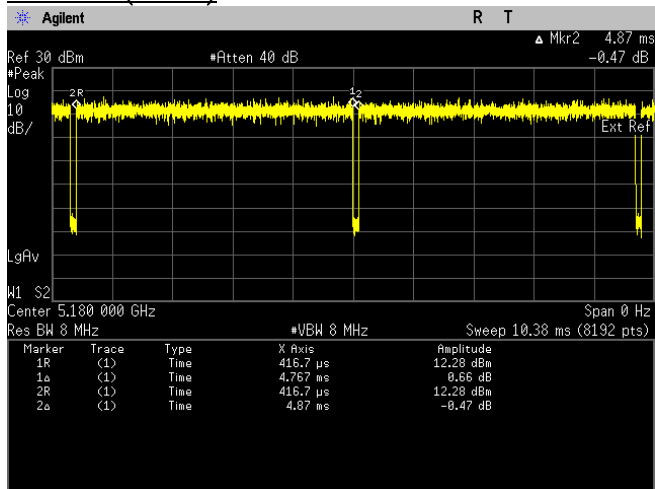


On time	3.102	ms
On + off time	3.210	ms
Duty Cycle	0.9664	
Duty Cycle Factor	0.149	

*Duty cycle = On time/ On +off time

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

802.11n (HT20)



On time	4.767	ms
On + off time	4.870	ms
Duty Cycle	0.9789	
Duty Cycle Factor	0.093	

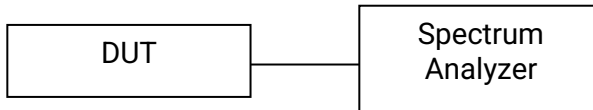
*Duty cycle = On time/ On +off time

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

7.0. Transmitter Test Parameters

7.1. Bandwidth measurements

7.1.1. Test Setup



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

7.1.2. Test Limits

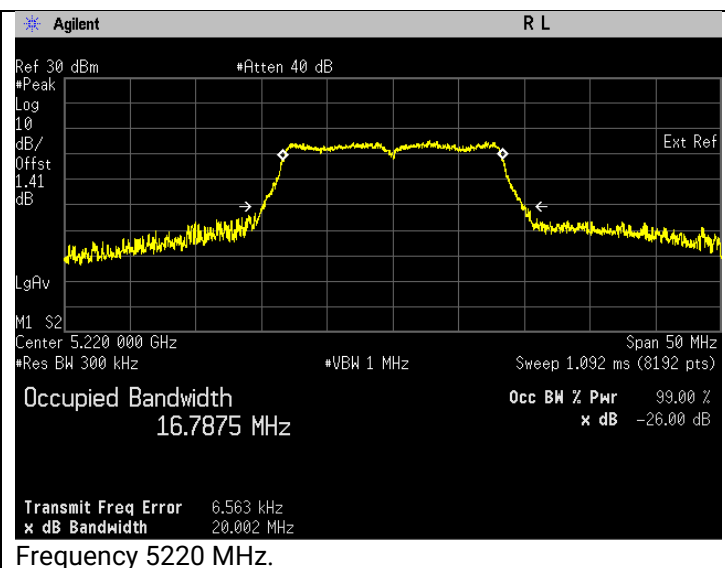
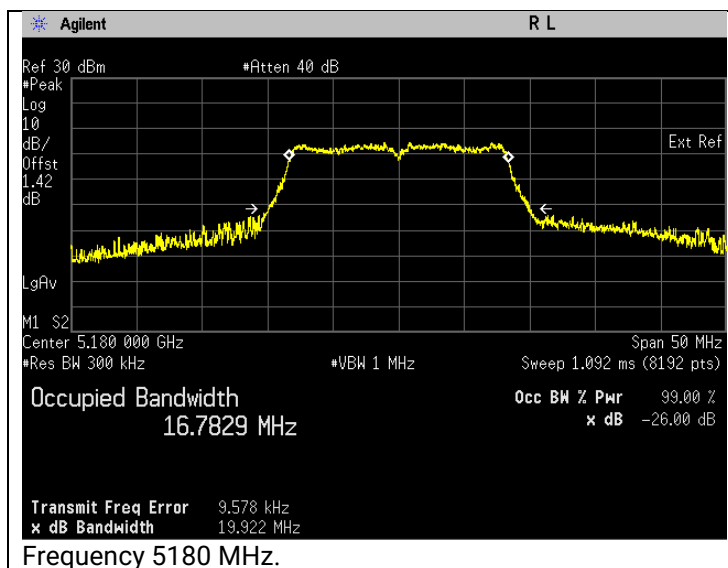
Not applicable.

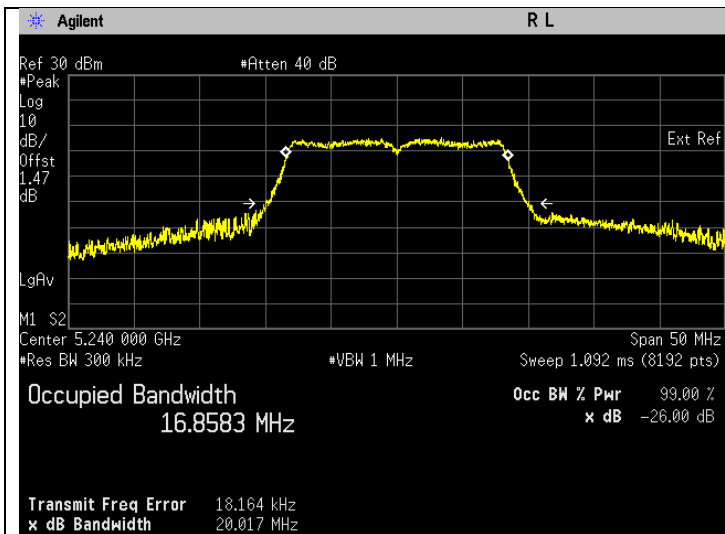
7.1.3. Test Data

802.11a

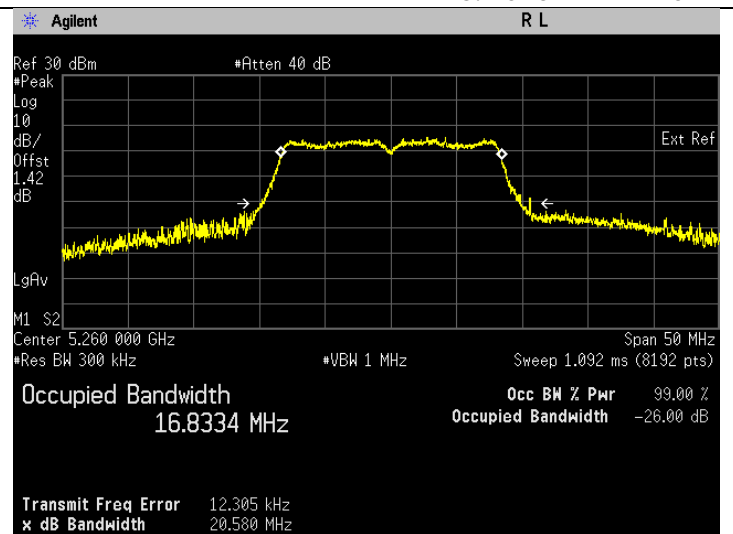
Frequency (MHz)	Test Configuration	Results			
		26 dB Bandwidth (MHz)	Status	99% Bandwidth (MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.922	Pass	16.783	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.002	Pass	16.788	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.017	Pass	16.858	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.580	Pass	16.833	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.882	Pass	16.792	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.917	Pass	16.837	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.032	Pass	16.779	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.000	Pass	16.777	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.966	Pass	16.773	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6, UNII-2C	15.107	Pass	13.414	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6, UNII-3	5.107	Pass	3.414	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.692	Pass	16.753	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.084	Pass	16.813	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.094	Pass	16.793	Pass

26 dB Bandwidth/ 99% Bandwidth

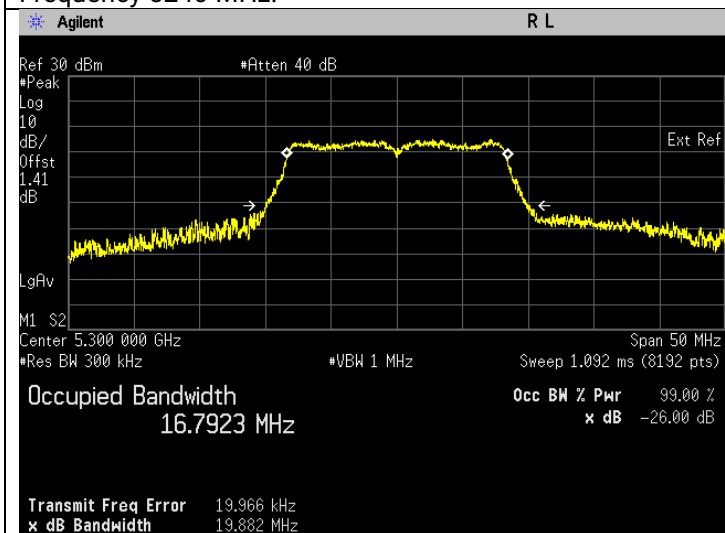




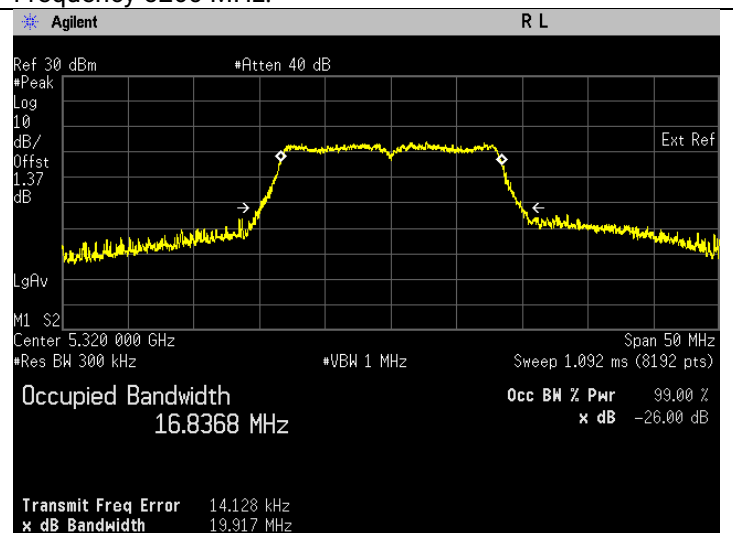
Frequency 5240 MHz.



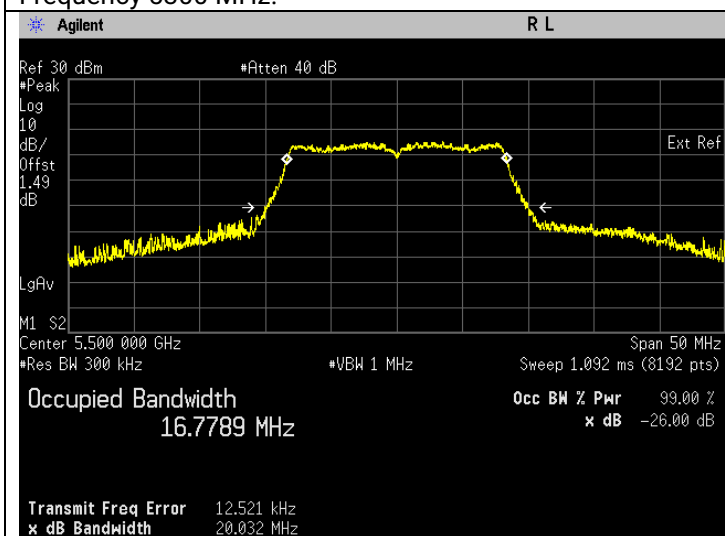
Frequency 5260 MHz.



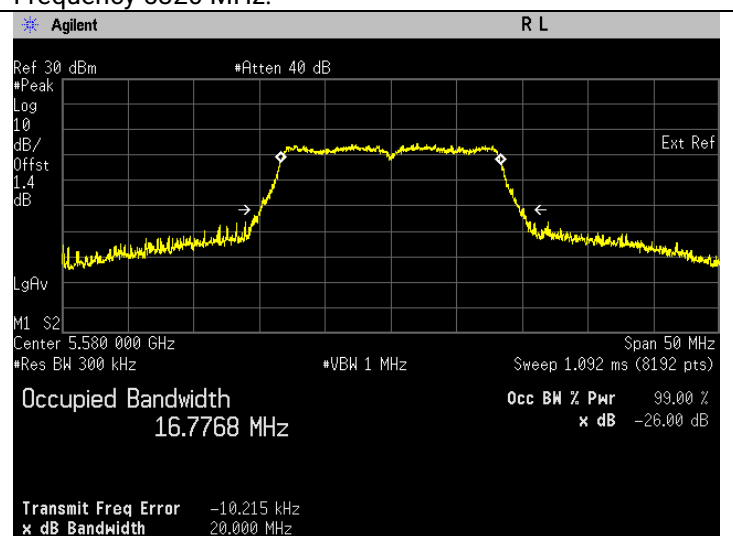
Frequency 5300 MHz.



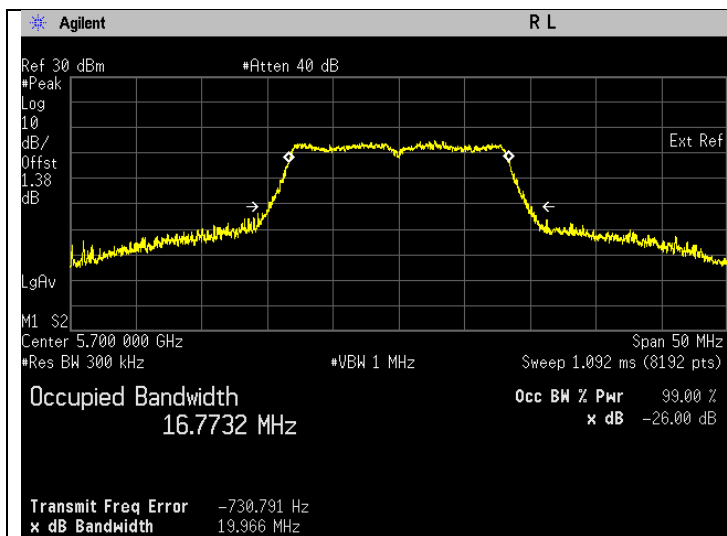
Frequency 5320 MHz.



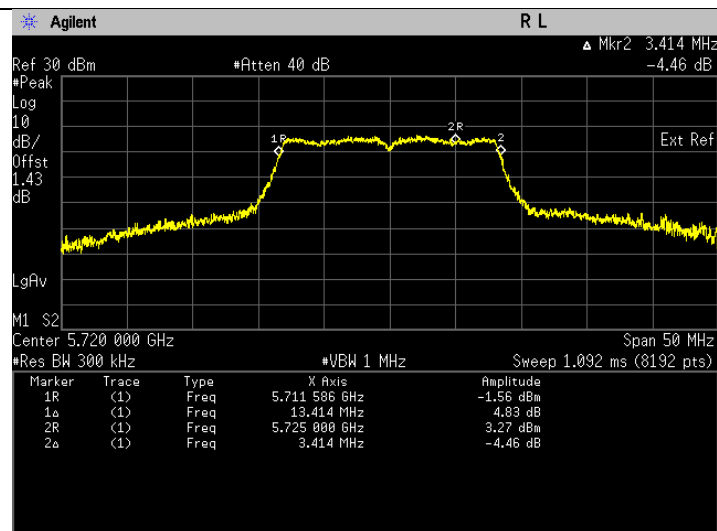
Frequency 5500 MHz.



Frequency 5580 MHz.

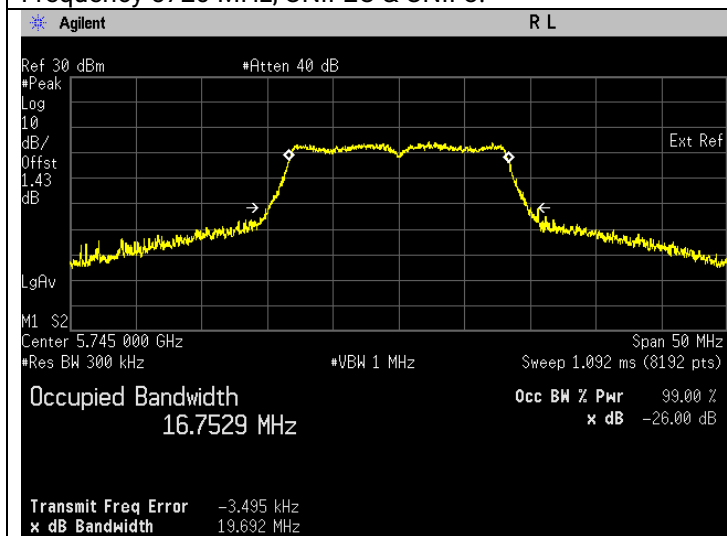


Frequency 5700 MHz.

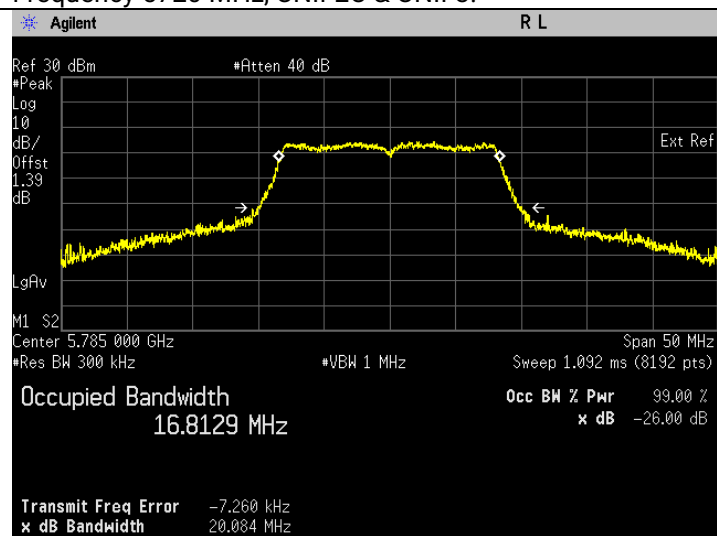


Frequency 5720 MHz, UNII-2C & UNII-3.

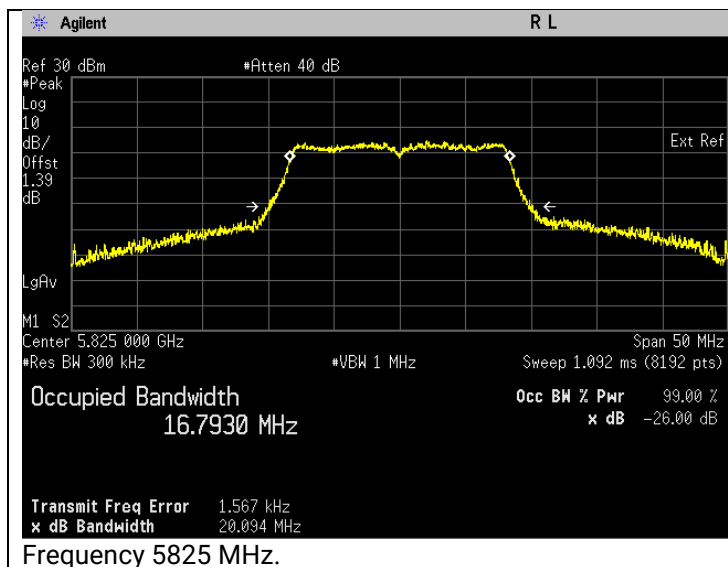
Frequency 5720 MHz, UNII-2C & UNII-3.



Frequency 5745 MHz.



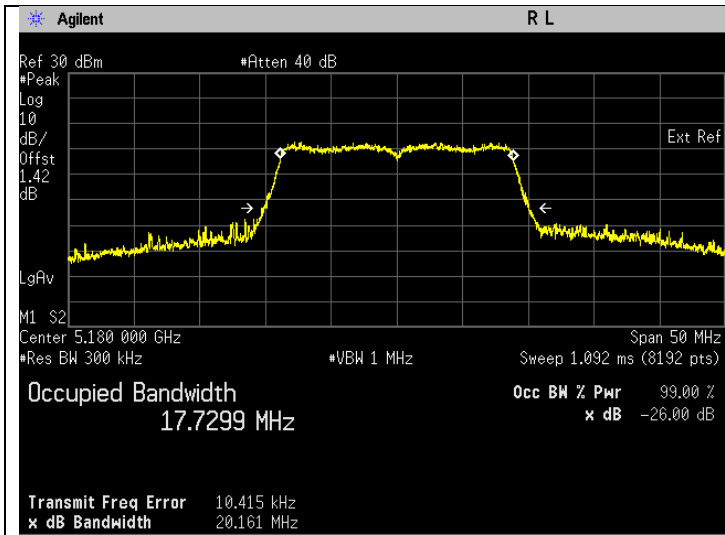
Frequency 5785 MHz.



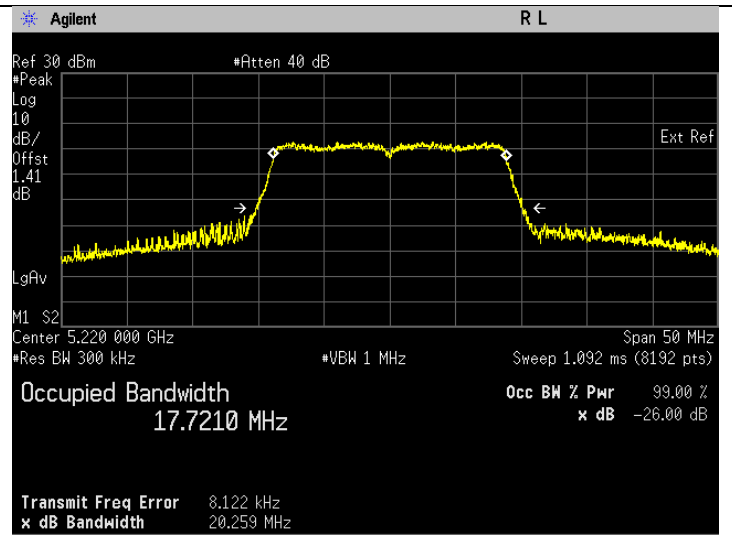
802.11n (HT20)

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	20.161	Pass	17.730	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.259	Pass	17.721	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.325	Pass	17.745	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.262	Pass	17.739	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.301	Pass	17.732	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.197	Pass	17.736	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.230	Pass	17.721	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.348	Pass	17.725	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.401	Pass	17.736	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5, UNII-2C	15.195	Pass	13.861	Pass
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5, UNII-3	5.195	Pass	3.861	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.319	Pass	17.724	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.376	Pass	17.732	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.225	Pass	17.720	Pass

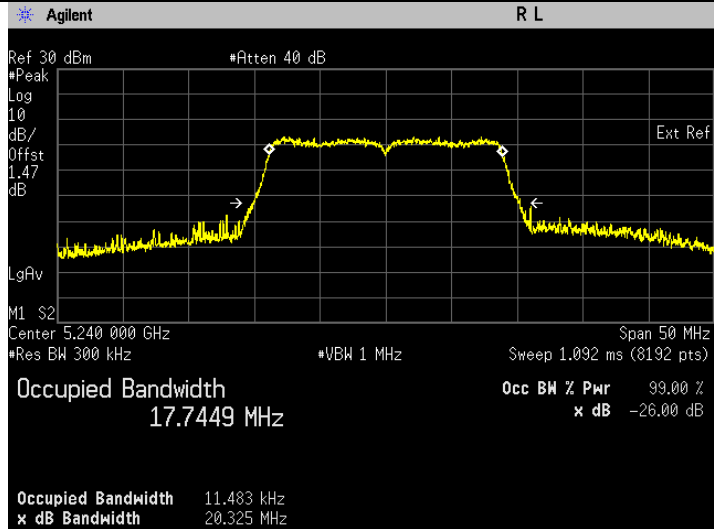
26 dB Bandwidth/ 99% Bandwidth



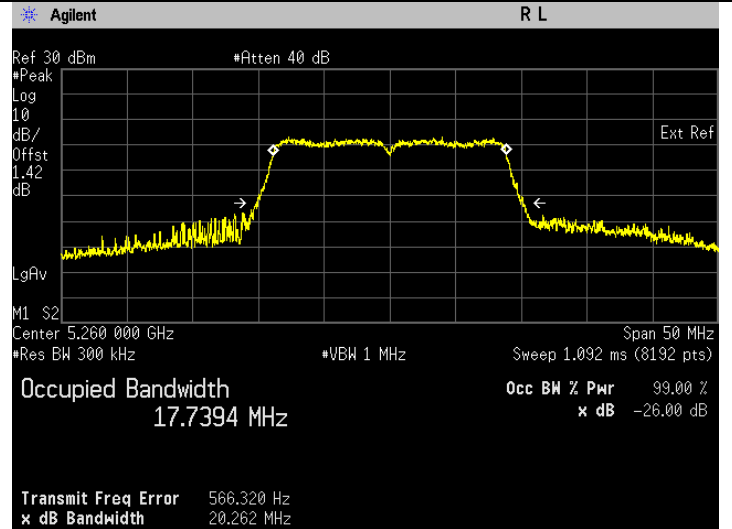
Frequency 5180 MHz.



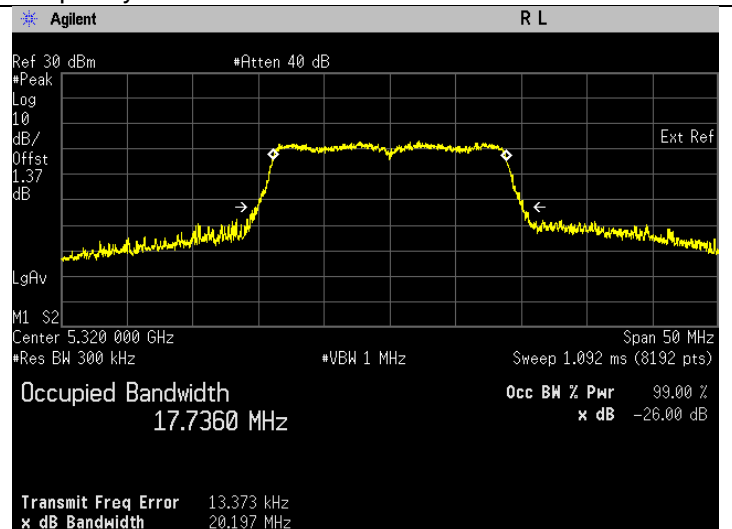
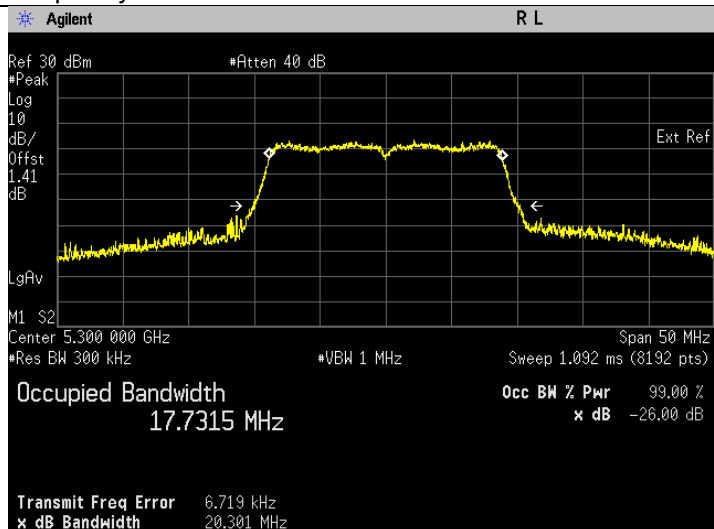
Frequency 5220 MHz.



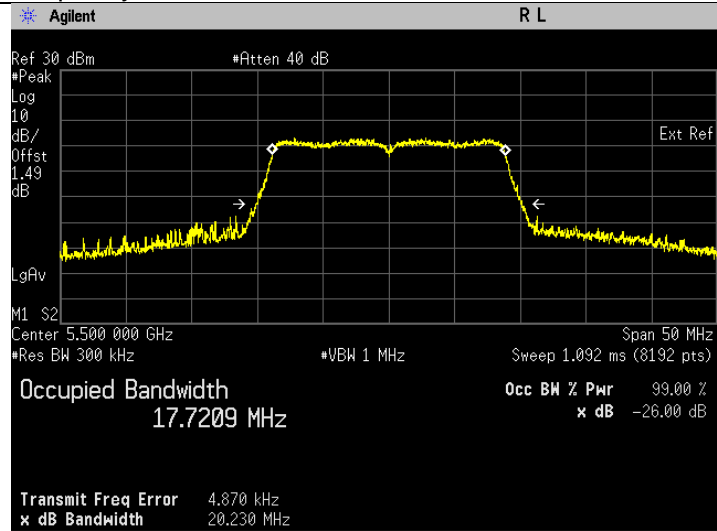
Frequency 5240 MHz.



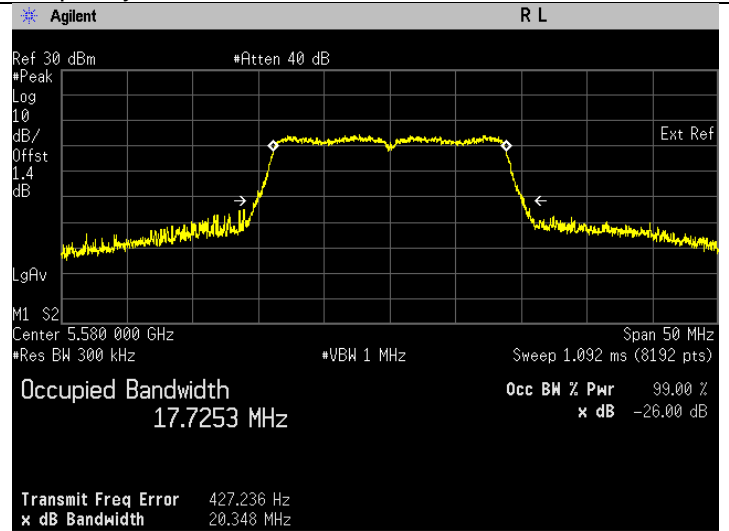
Frequency 5260 MHz.



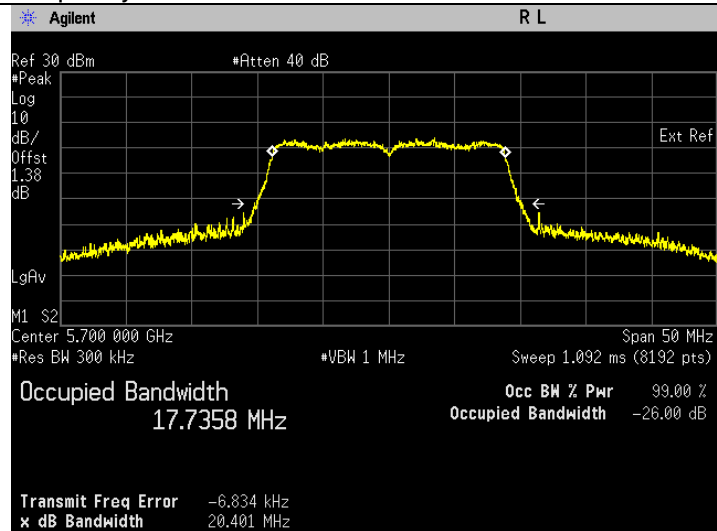
Frequency 5300 MHz.



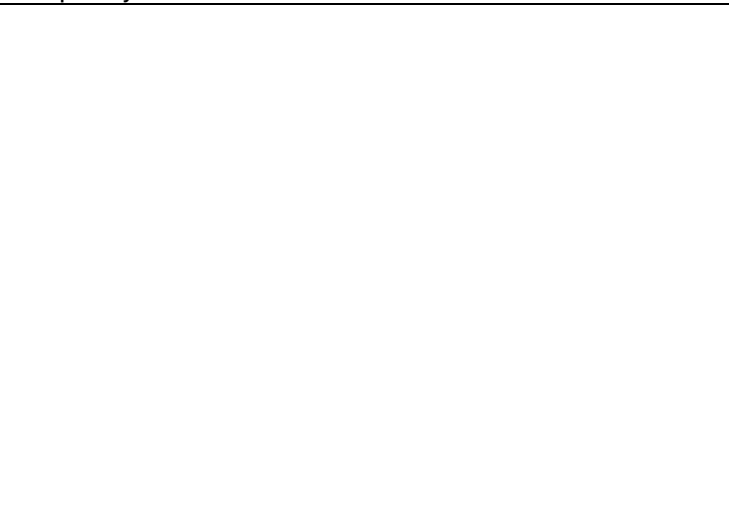
Frequency 5320 MHz.



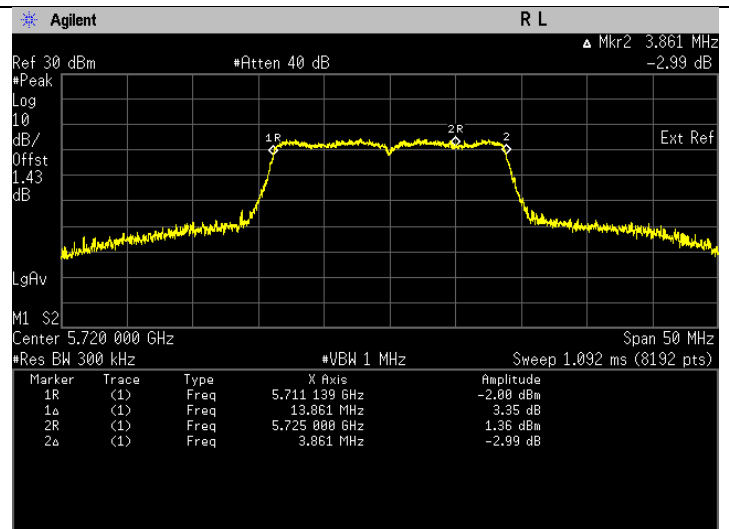
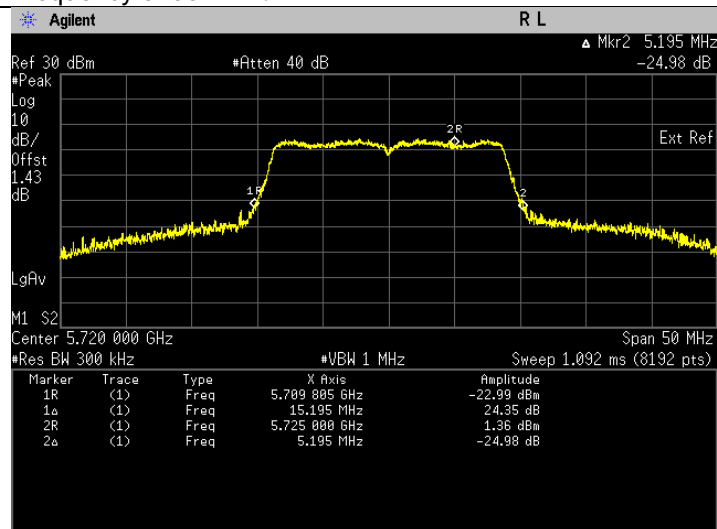
Frequency 5500 MHz.



Frequency 5580 MHz.

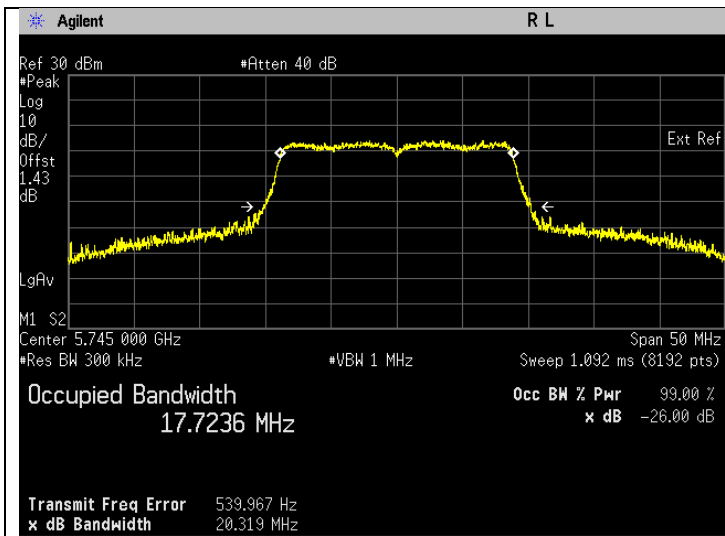


Frequency 5700 MHz.

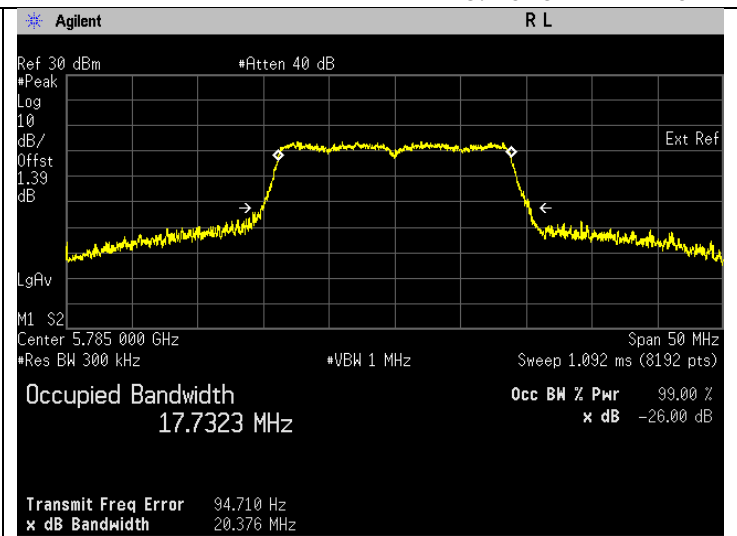


Frequency 5720 MHz, UNII-2C & UNII-3.

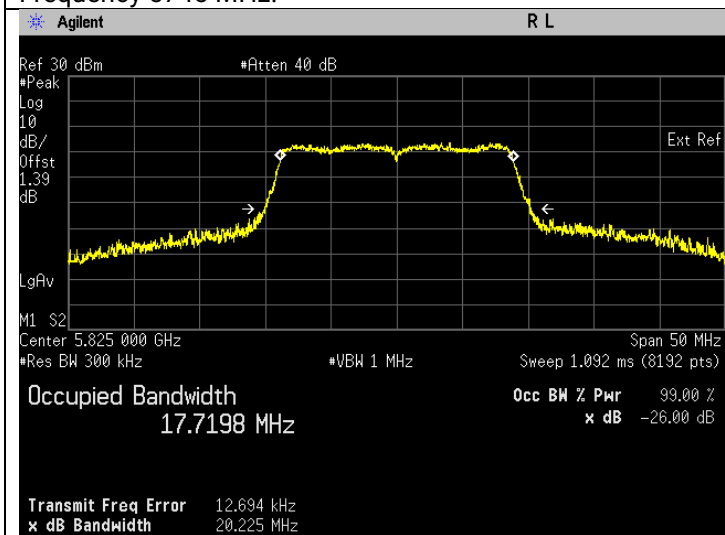
Frequency 5720 MHz, UNII-2C & UNII-3.



Frequency 5745 MHz.



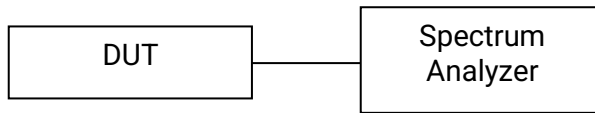
Frequency 5785 MHz.



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)	✓	$\leq 1W$
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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
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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
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5.725-5.85	(Conducted)	$\leq 1W$
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7.2.3. Test Data

Antenna	Gain (dBi)
UNII-1	6.0
UNII-2A & UNII-2C	3.0
UNII-3	6.0
Duty Cycle Correction Factor	
802.11a	0.149
802.11n20	0.093

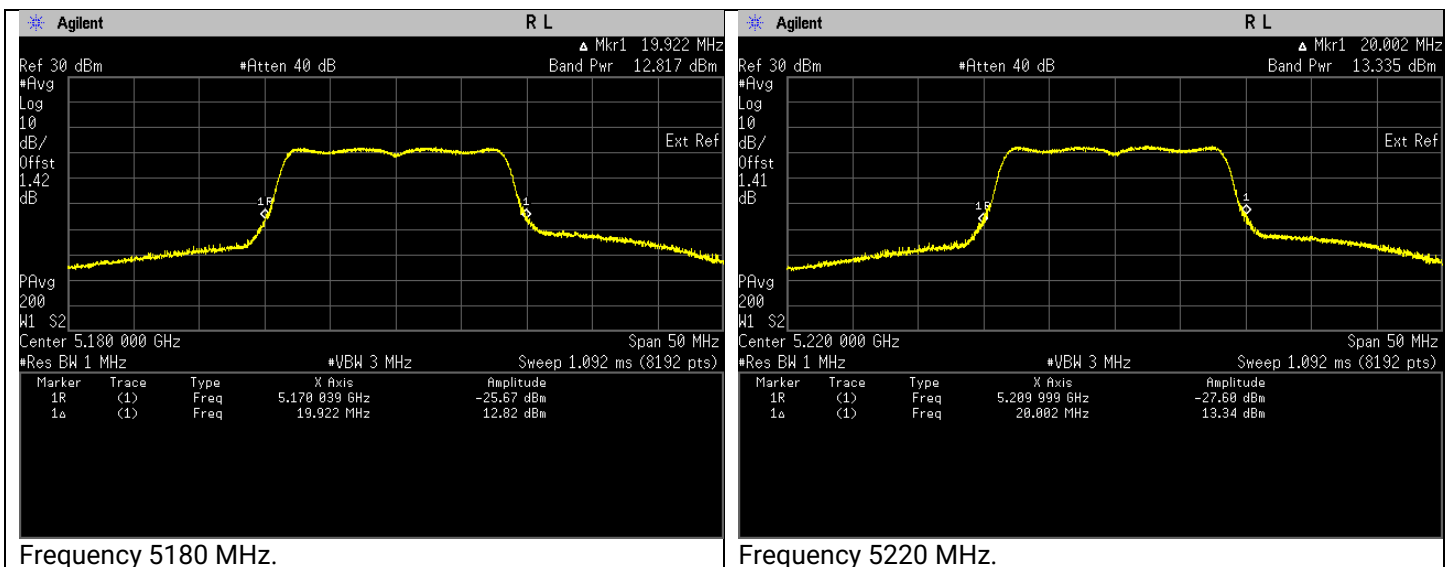
7.2.4. Test Data

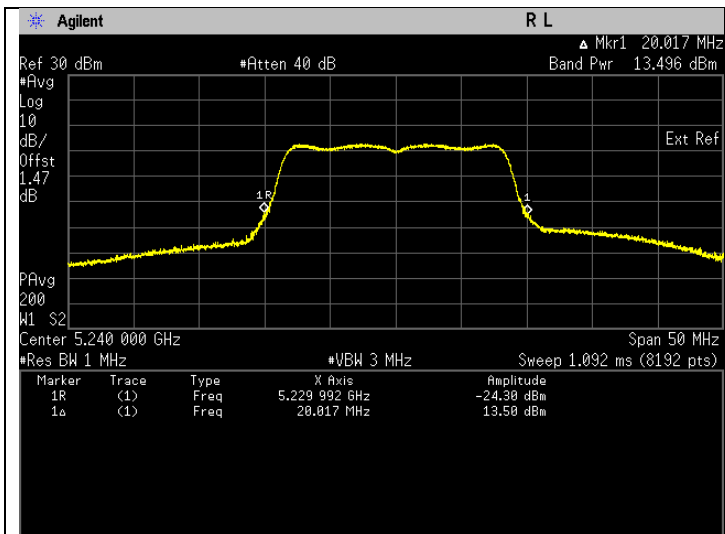
Summary table

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	22.98	28.18	91.50	112.20	16M9D1D
	5260-5320	20	22.03	28.18	43.96	56.23	16M8D1D
	5500-5580	20	22.41	28.18	44.72	56.23	16M8D1D
	5660-5720	20	25.03	28.18	49.93	56.23	16M8D1D
	5745-5825	20	20.70	28.18	82.41	112.20	16M8D1D
802.11n/ac (HT20)	5180-5240	20	15.38	22.39	61.22	89.13	17M7D1D
	5260-5320	20	14.88	22.39	29.70	44.67	17M7D1D
	5500-5580	20	20.82	22.39	41.53	44.67	17M7D1D
	5660-5720	20	16.54	22.39	33.00	44.67	17M7D1D
	5745-5825	20	19.58	22.39	77.95	89.13	17M7D1D

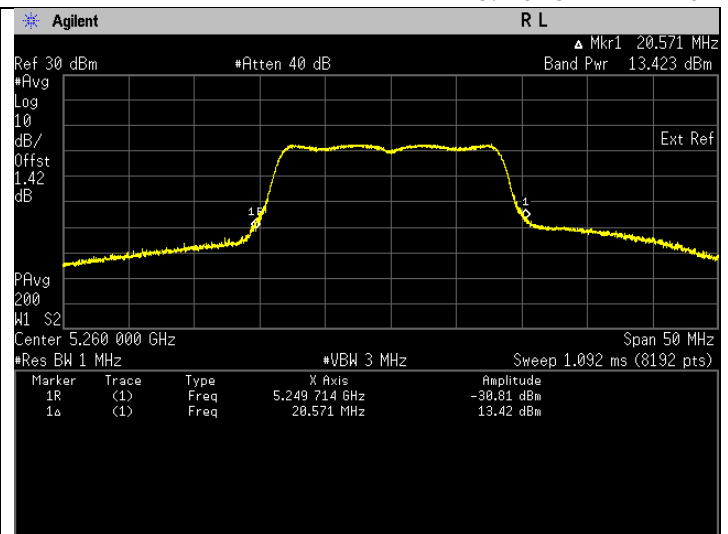
802.11a (26dB EBW)

Freq. (MHz)	Test Conditions	Results		
		Power (mW)	Power (dBm)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.797	12.966	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	22.305	13.484	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	23.147	13.645	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	22.761	13.572	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	22.136	13.451	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.807	12.255	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	23.681	13.744	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.271	12.849	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	19.962	13.002	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	18.429	12.655	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	21.028	13.228	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	20.286	13.072	Pass

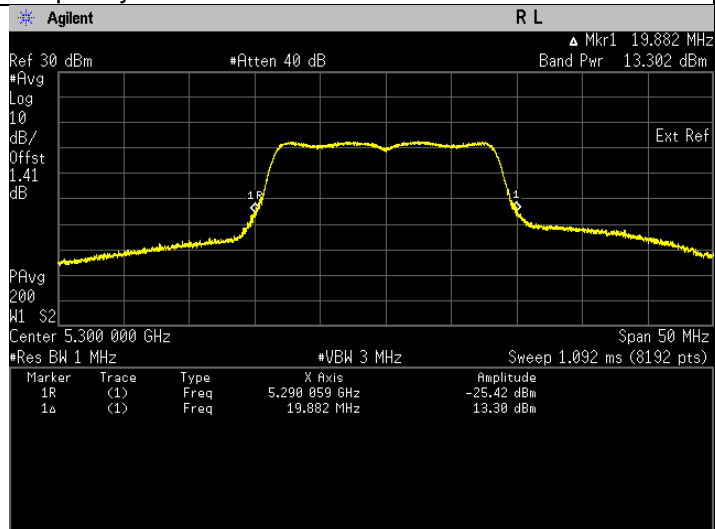




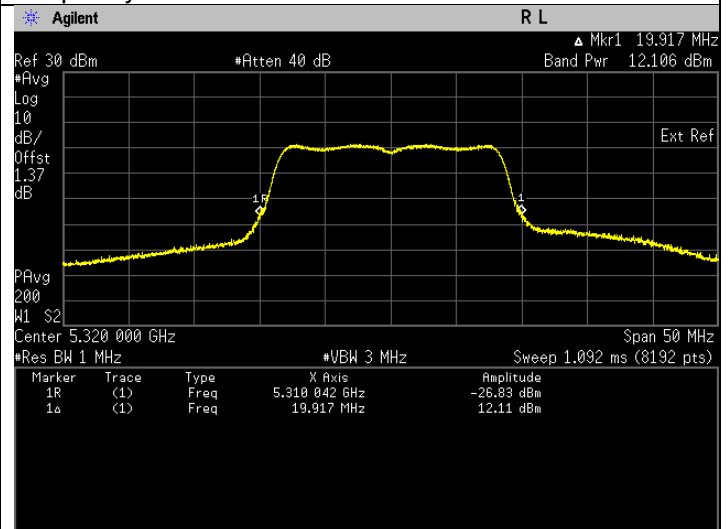
Frequency 5240 MHz.



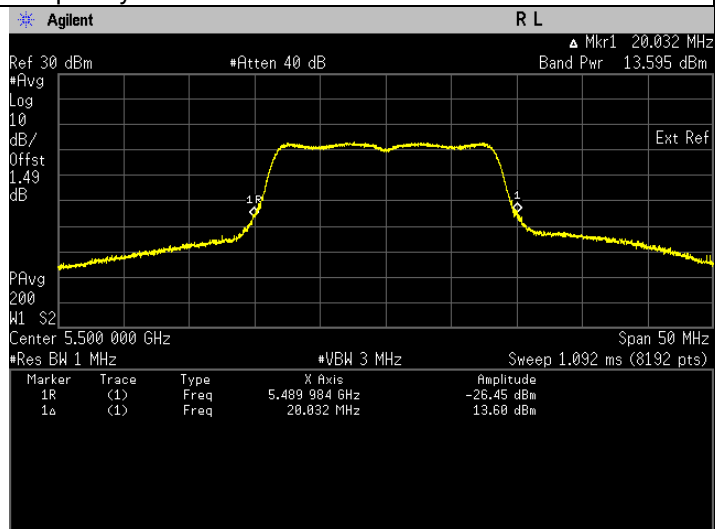
Frequency 5260 MHz.



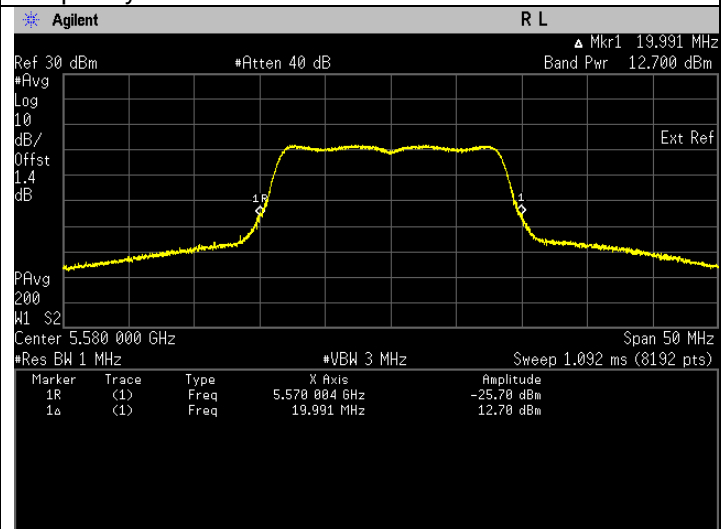
Frequency 5300 MHz.



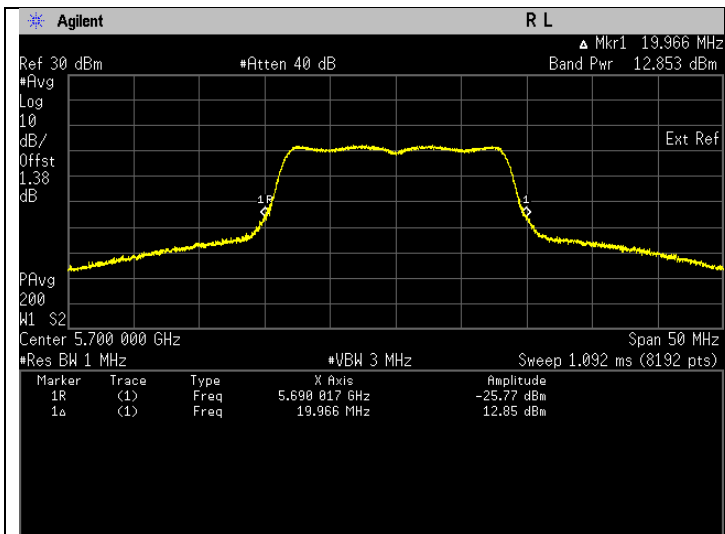
Frequency 5320 MHz.



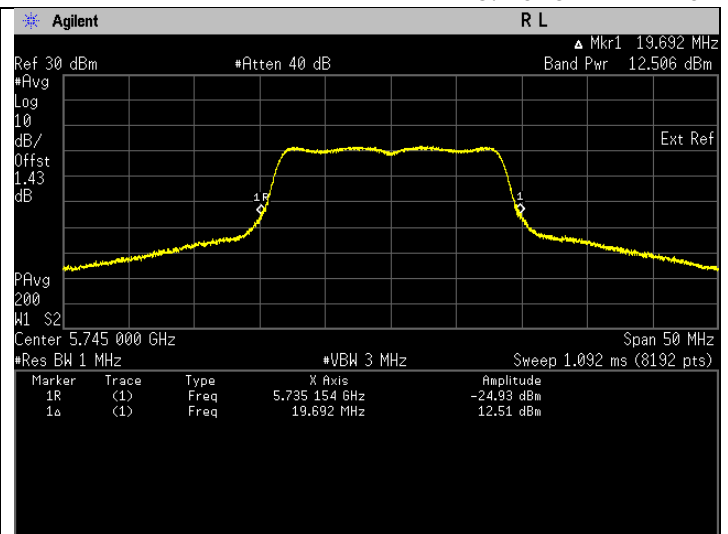
Frequency 5500 MHz



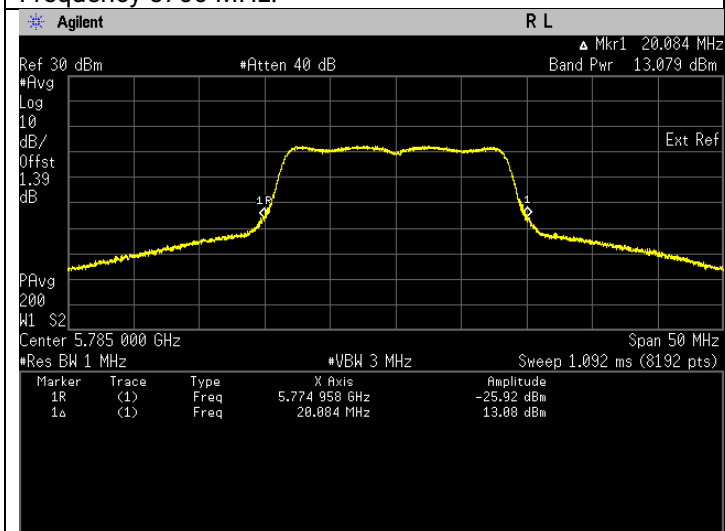
Frequency 5580 MHz.



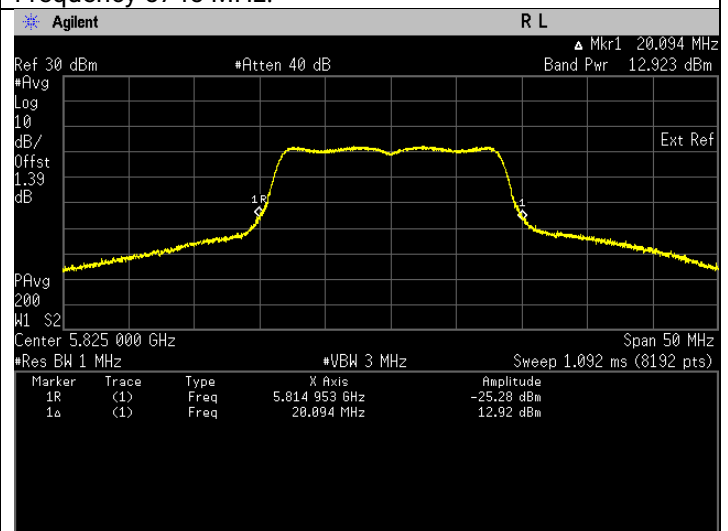
Frequency 5700 MHz.



Frequency 5745 MHz.



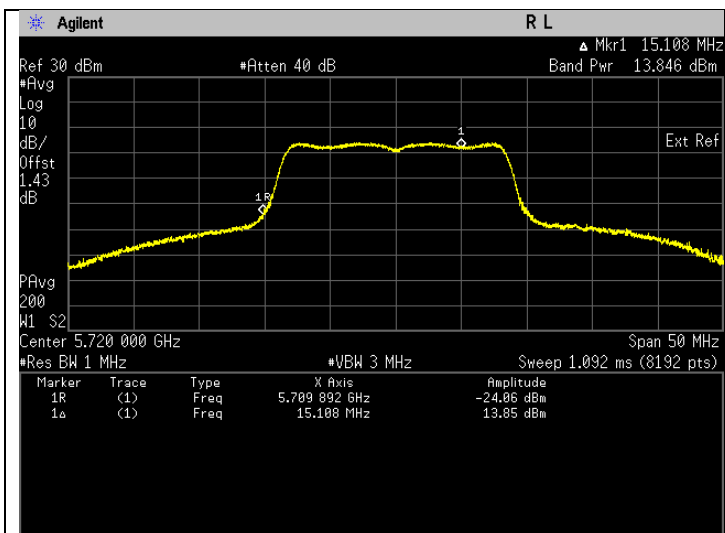
Frequency 5785 MHz.



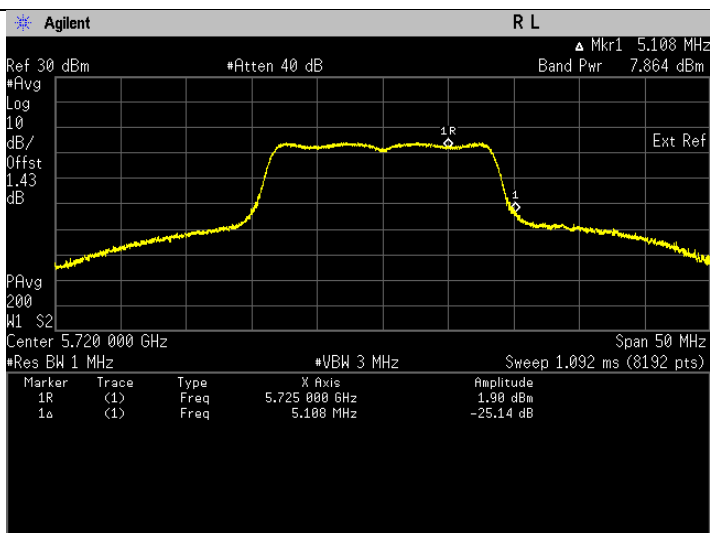
Frequency 5825 MHz.

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	25.090	13.995	Pass
		U-NII-3		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.328	8.013	Pass



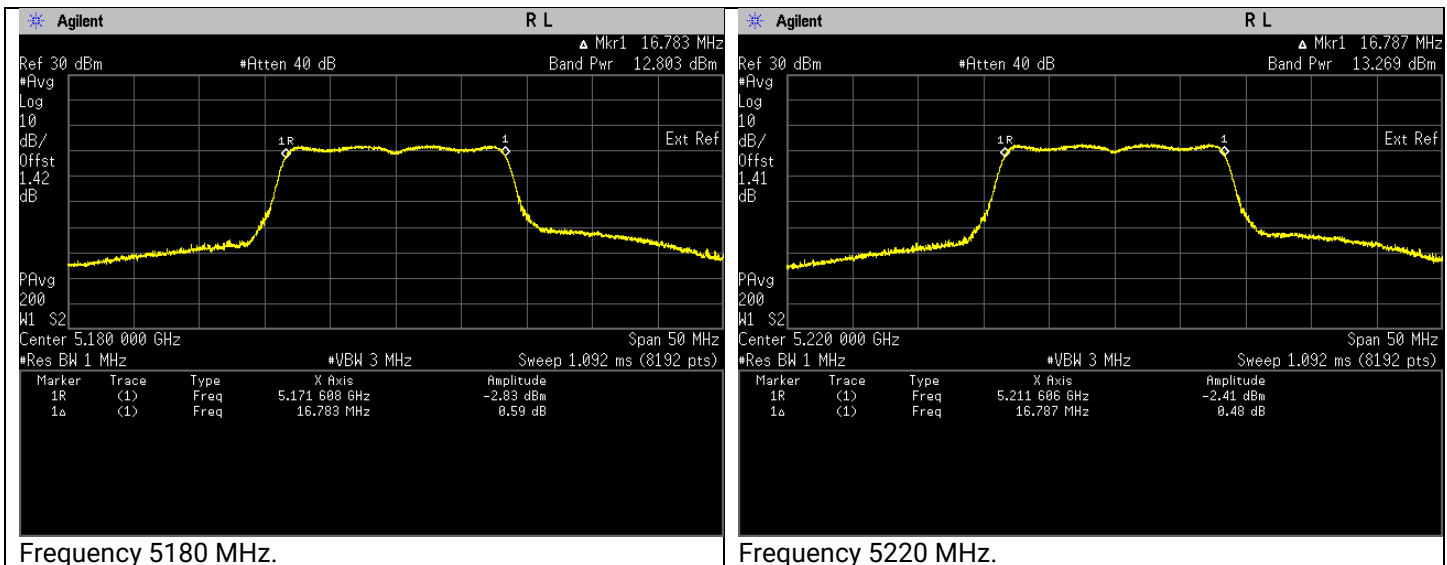
Frequency 5720 MHz, U-NII-2C. *Note: The band power is captured before the 5725 MHz.

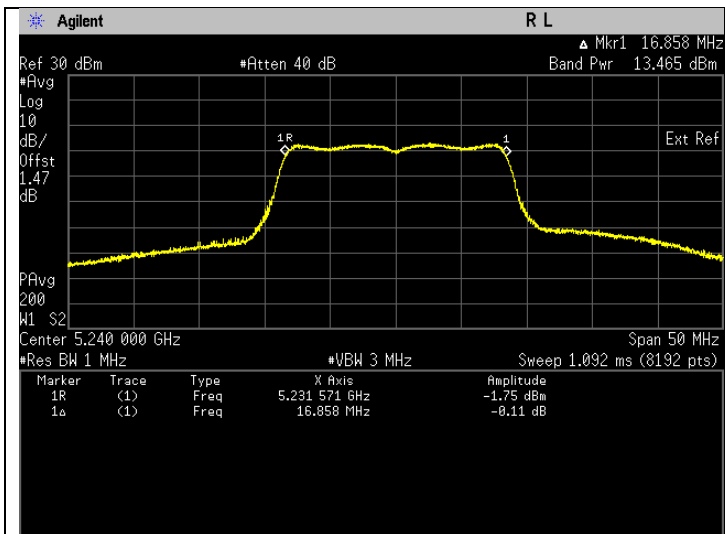


Frequency 5720 MHz, U-NII-3. *Note: The band power is captured after the 5725 MHz.

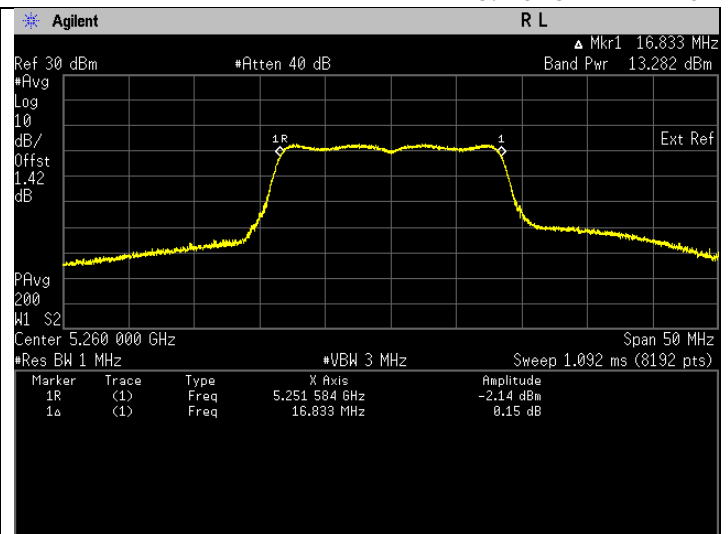
802.11a (99% EBW)

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	6.0	19.733	12.952	Pass	18.952	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	21.968	13.418	Pass	19.418	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	22.983	13.614	Pass	19.614	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	22.034	13.431	Pass	16.431	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	21.722	13.369	Pass	16.369	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	16.615	12.205	Pass	15.205	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	22.413	13.505	Pass	16.505	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	19.116	12.814	Pass	15.814	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	19.507	12.902	Pass	15.902	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	18.164	12.592	Pass	18.592	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	20.701	13.160	Pass	19.160	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	19.999	13.010	Pass	19.010	Pass

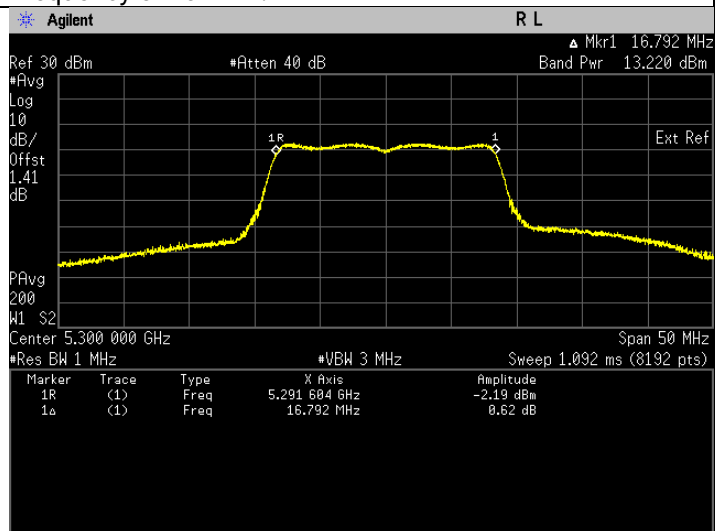




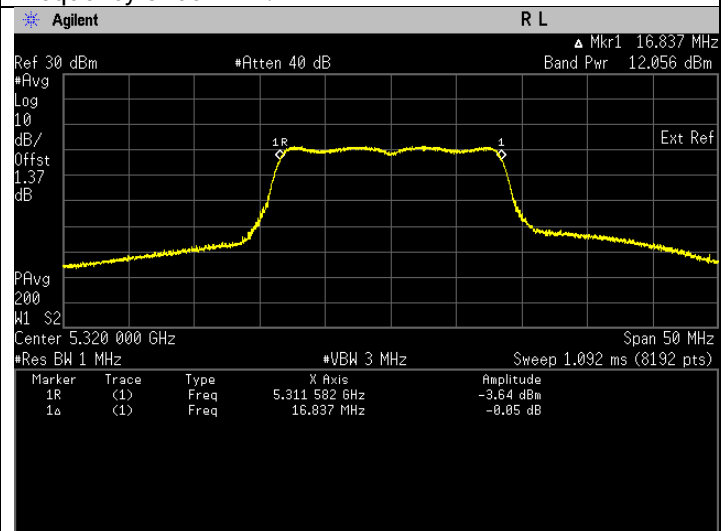
Frequency 5240 MHz.



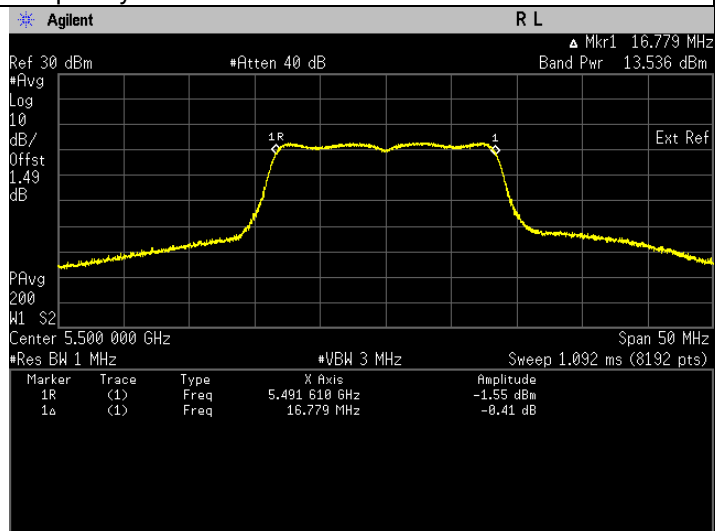
Frequency 5260 MHz.



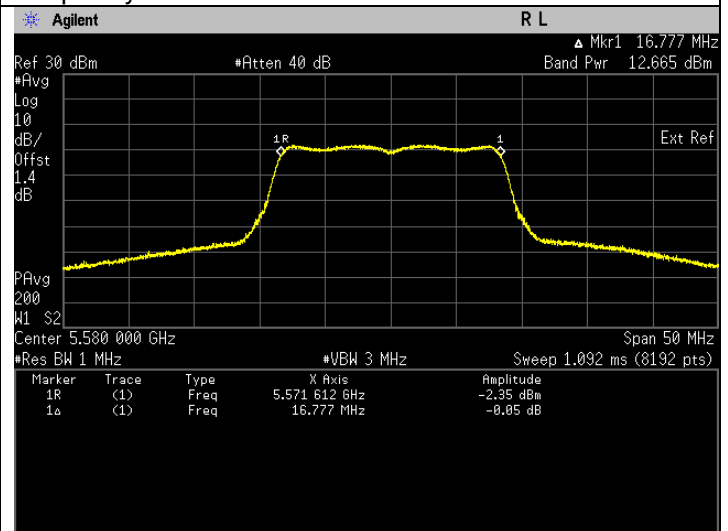
Frequency 5300 MHz.



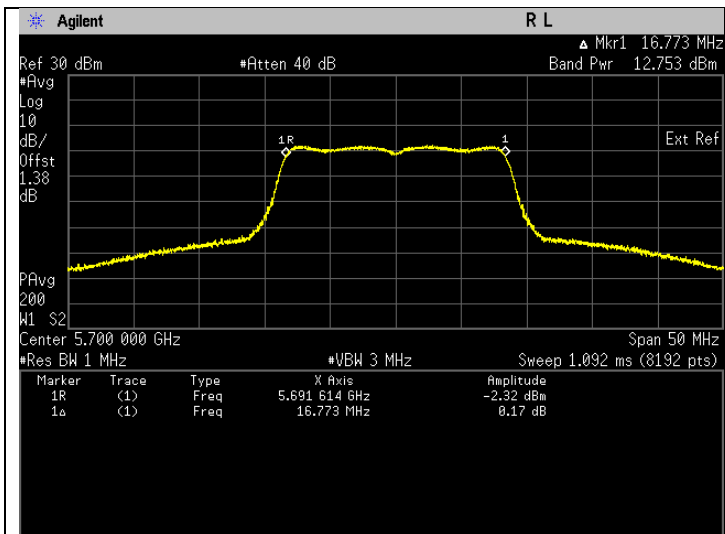
Frequency 5320 MHz.



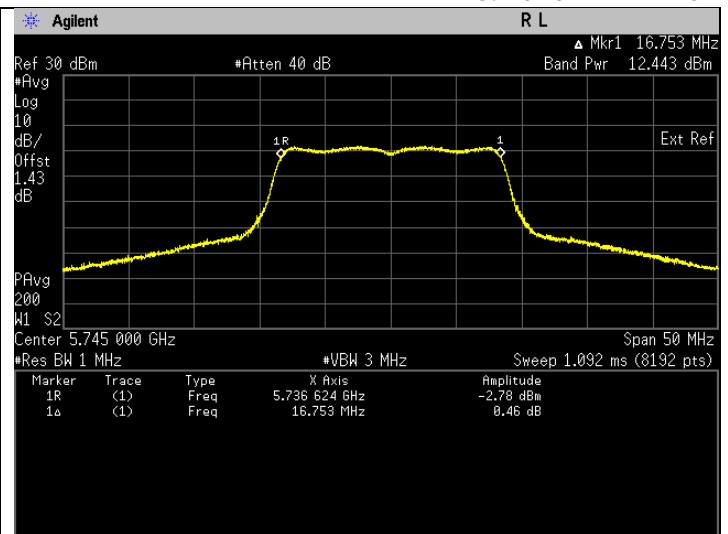
Frequency 5500 MHz.



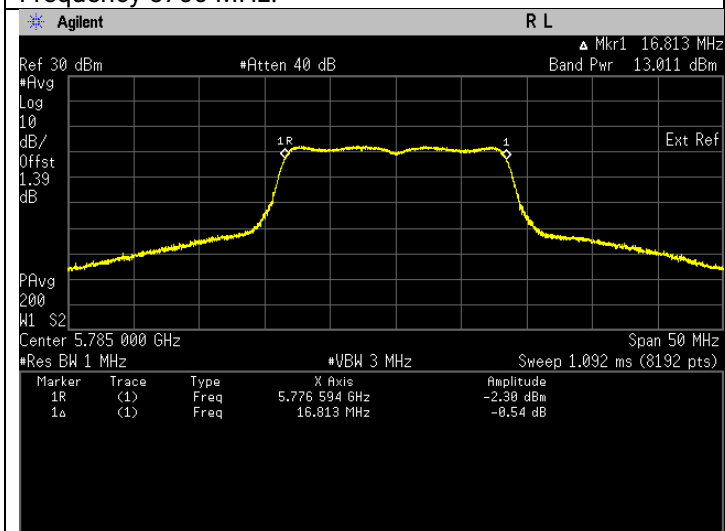
Frequency 5580 MHz.



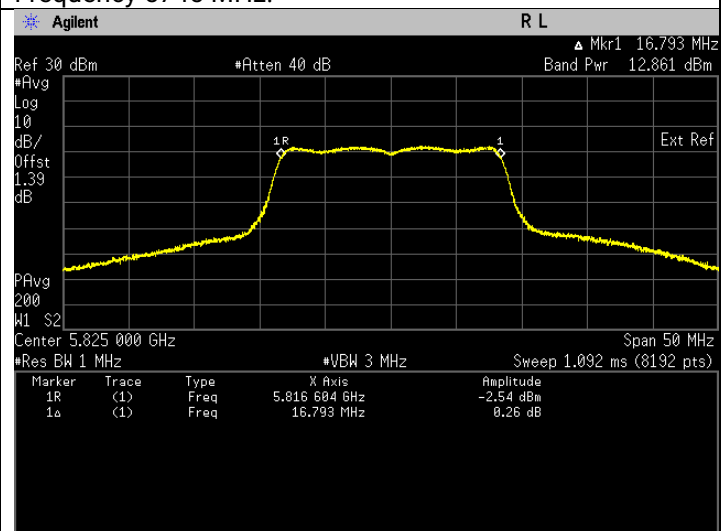
Frequency 5700 MHz.



Frequency 5745 MHz.



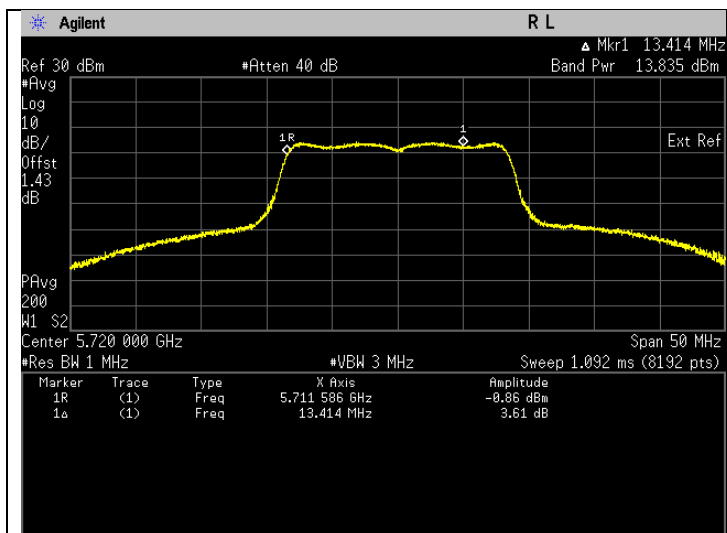
Frequency 5785 MHz.



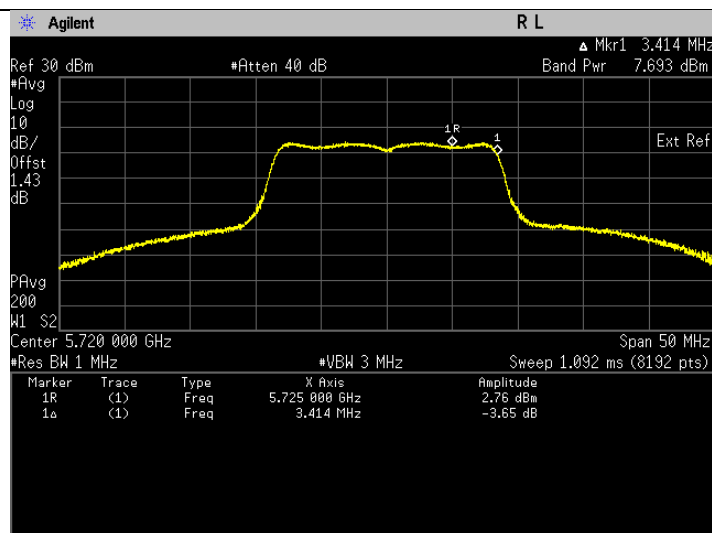
Frequency 5825 MHz.

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	3.0	25.026	13.984	Pass	16.984	Pass
U-NII-3							
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	6.084	7.842	Pass	10.842	Pass



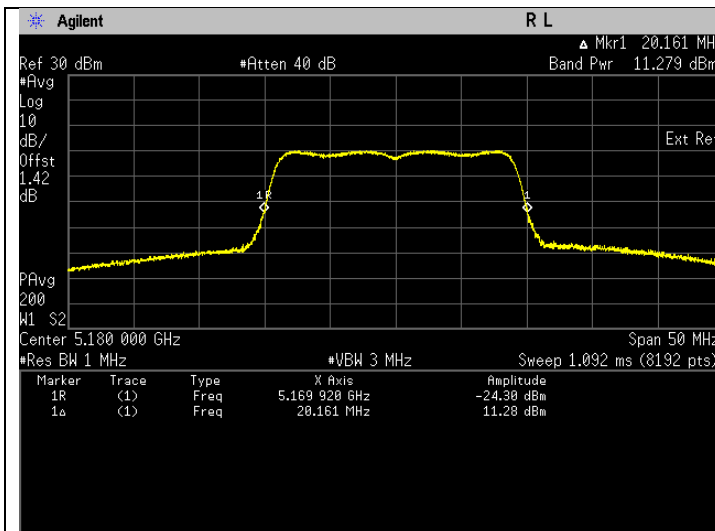
Frequency 5720 MHz, U-NII-2C. *Note: The band power is captured before the 5725 MHz.



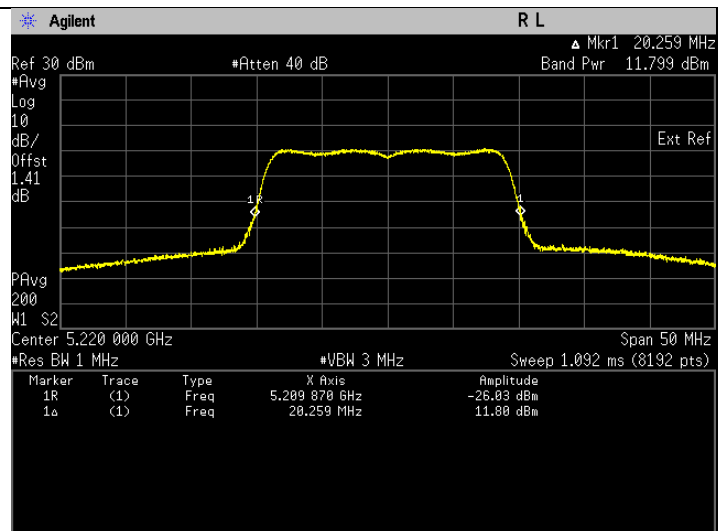
Frequency 5720 MHz, U-NII-3. *Note: The band power is captured after the 5725 MHz.

802.11n (HT20) (26dB EBW)

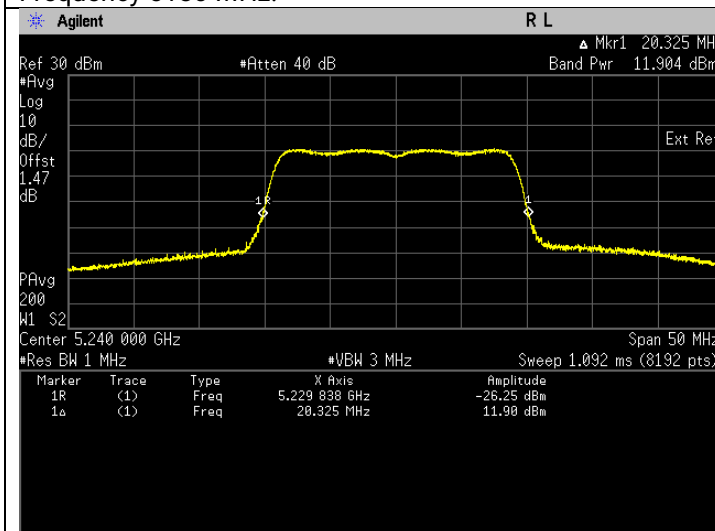
Freq. (MHz)	Test Conditions	Results		
		Power (mW)	Power (dBm)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	13.715	11.372	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	15.460	11.892	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	15.838	11.997	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	15.188	11.815	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	14.894	11.730	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	14.441	11.596	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	15.933	12.023	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	21.218	13.267	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.266	12.372	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	20.086	13.029	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	18.382	12.644	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.338	12.390	Pass



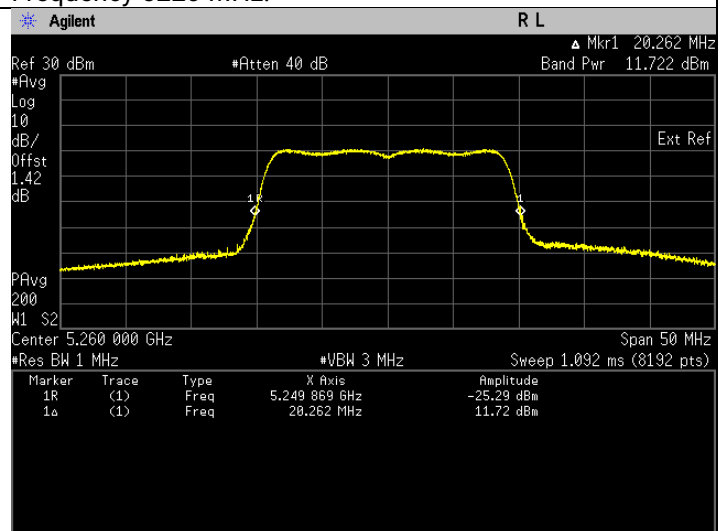
Frequency 5180 MHz.



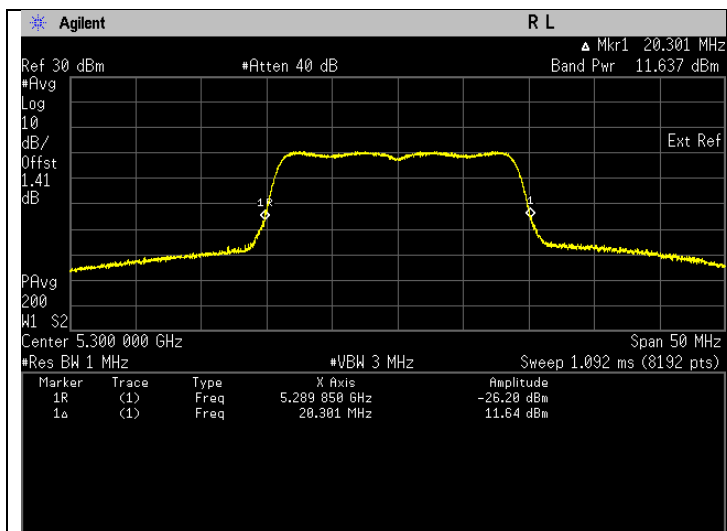
Frequency 5220 MHz.



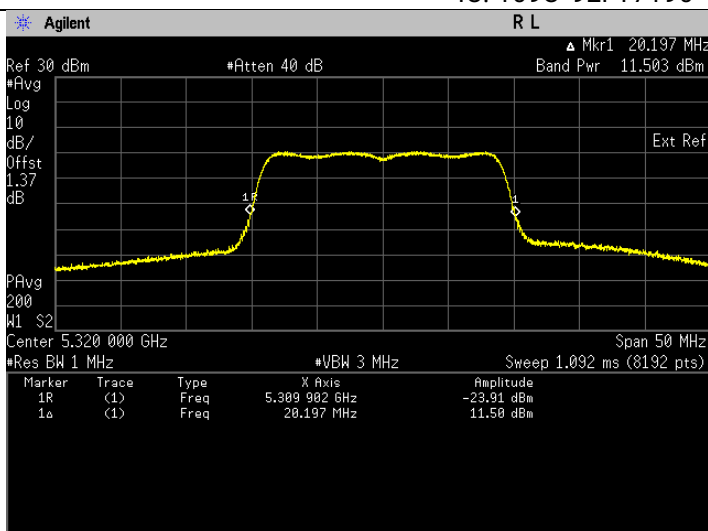
Frequency 5240 MHz.



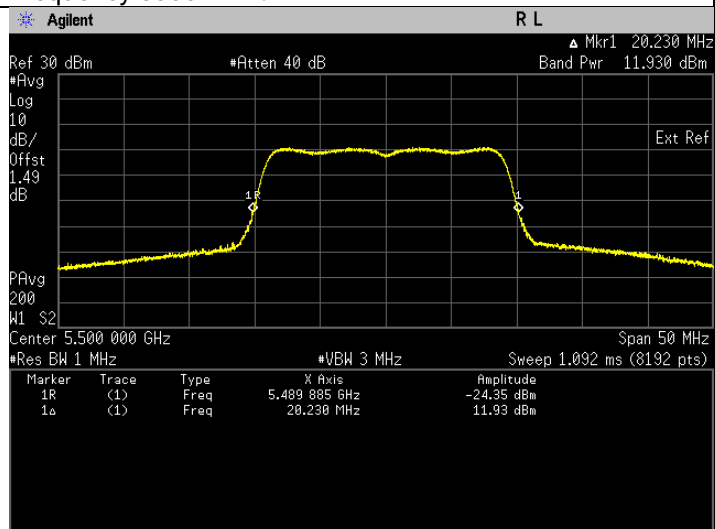
Frequency 5260 MHz.



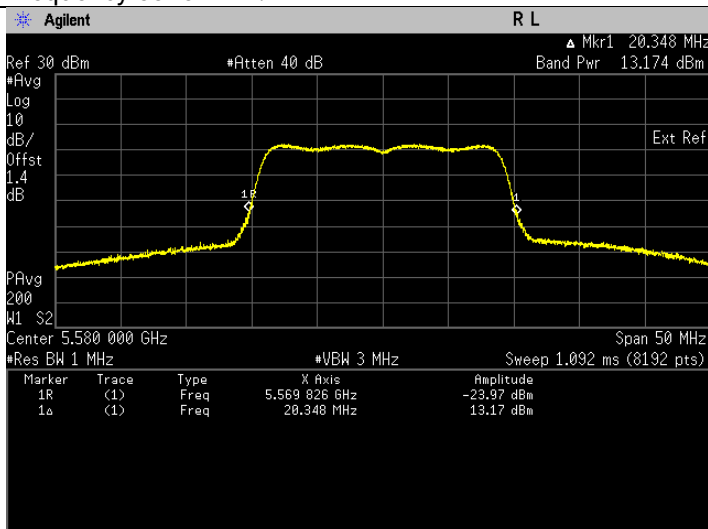
Frequency 5300 MHz.



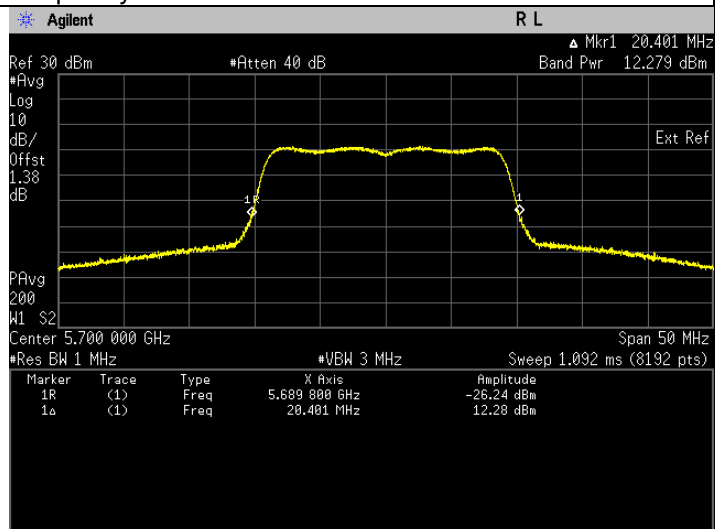
Frequency 5320 MHz.



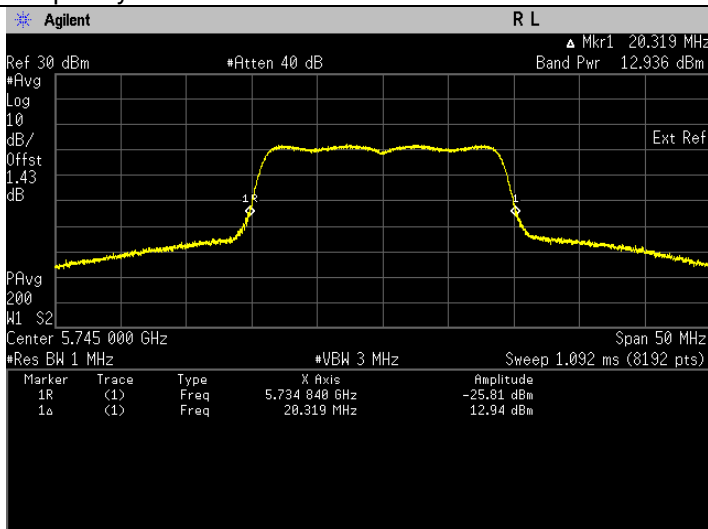
Frequency 5500 MHz.



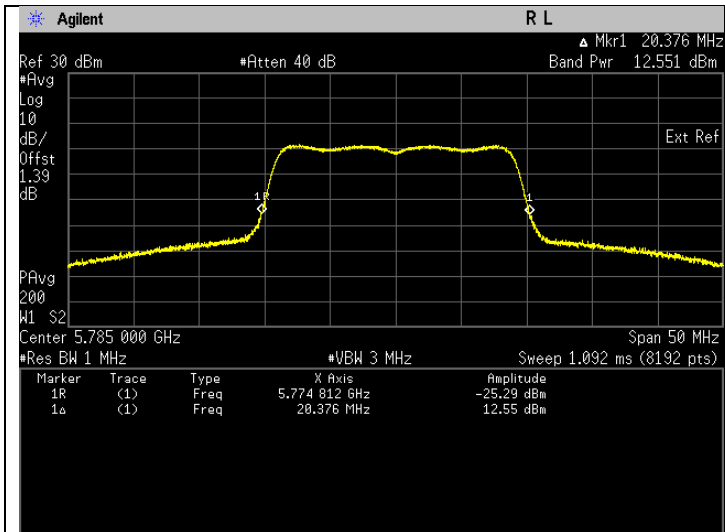
Frequency 5580 MHz.



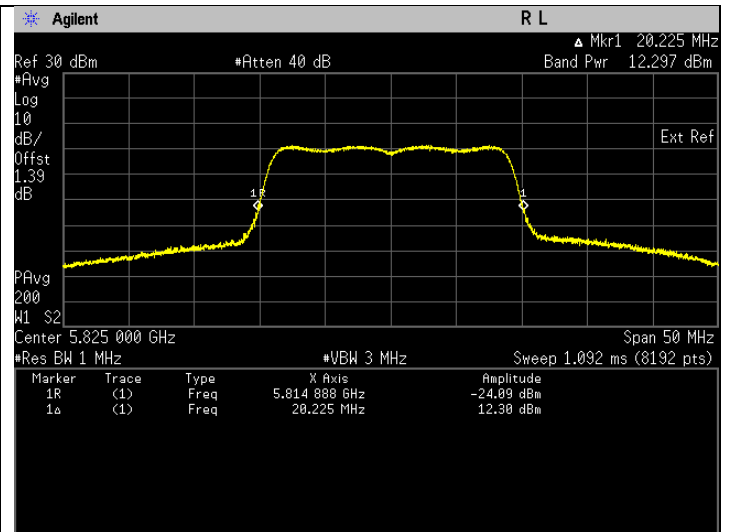
Frequency 5700 MHz.



Frequency 5745 MHz.



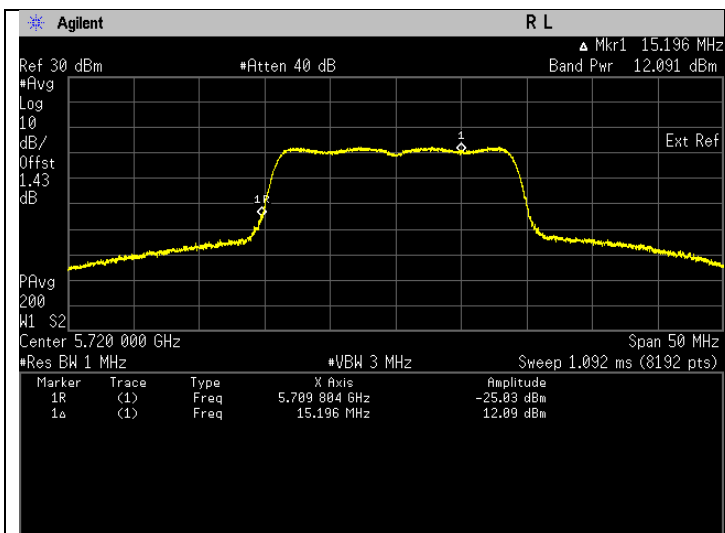
Frequency 5785 MHz.



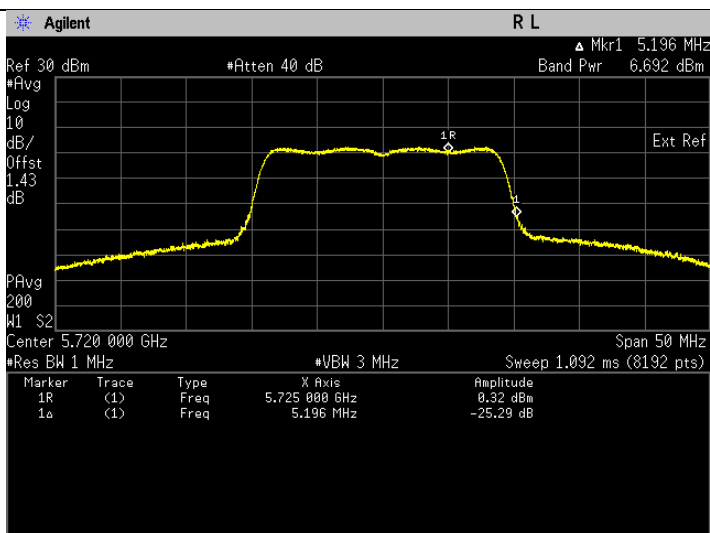
Frequency 5825 MHz.

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	16.535	12.184	Pass
		U-NII-3		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	4.770	6.785	Pass



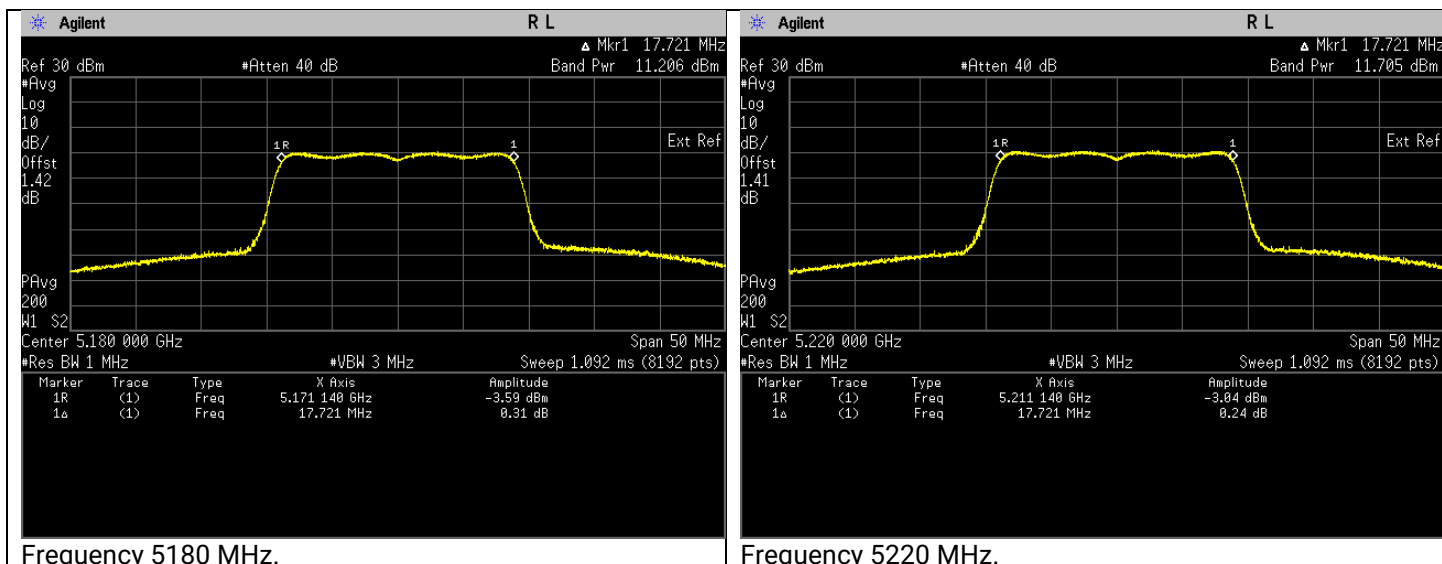
Frequency 5720 MHz, U-NII-2C. *Note: The band power is captured before the 5725 MHz.

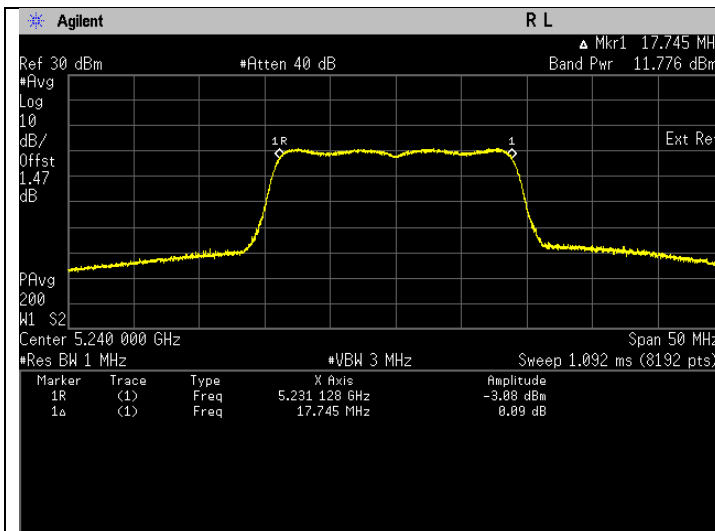


Frequency 5720 MHz, U-NII-3. *Note: The band power is captured after the 5725 MHz.

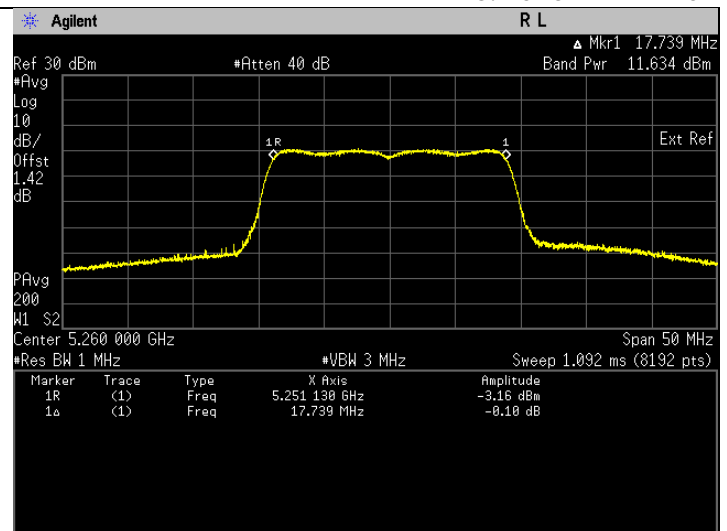
802.11n (HT20) (99% EBW)

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	6.0	13.487	11.299	Pass	17.299	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	15.129	11.798	Pass	17.798	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	15.378	11.869	Pass	17.869	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	14.883	11.727	Pass	14.727	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	14.415	11.588	Pass	14.588	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	14.099	11.492	Pass	14.492	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	15.929	12.022	Pass	15.022	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	20.816	13.184	Pass	16.184	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	16.539	12.185	Pass	15.185	Pass
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	19.579	12.918	Pass	18.918	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	17.816	12.508	Pass	18.508	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	17.049	12.317	Pass	18.317	Pass

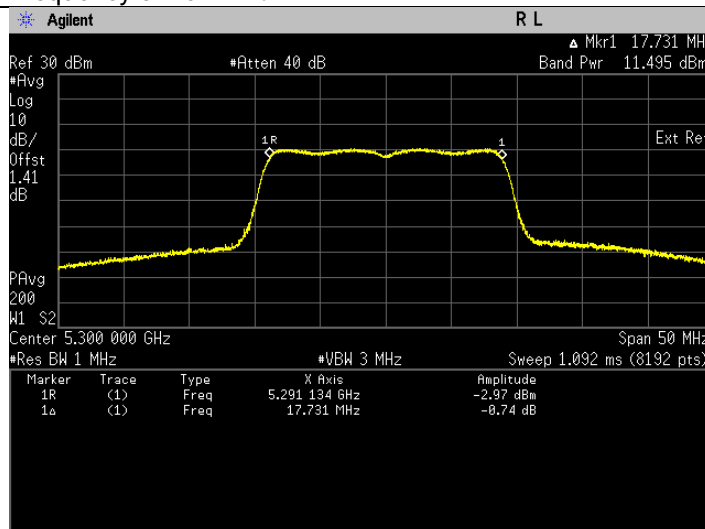




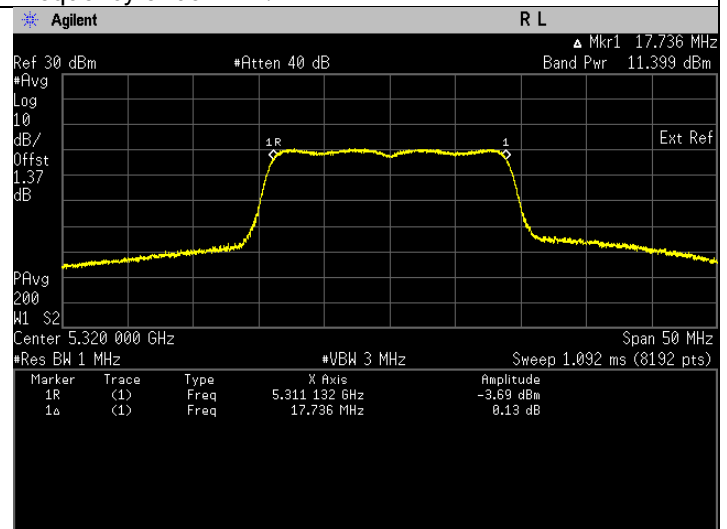
Frequency 5240 MHz.



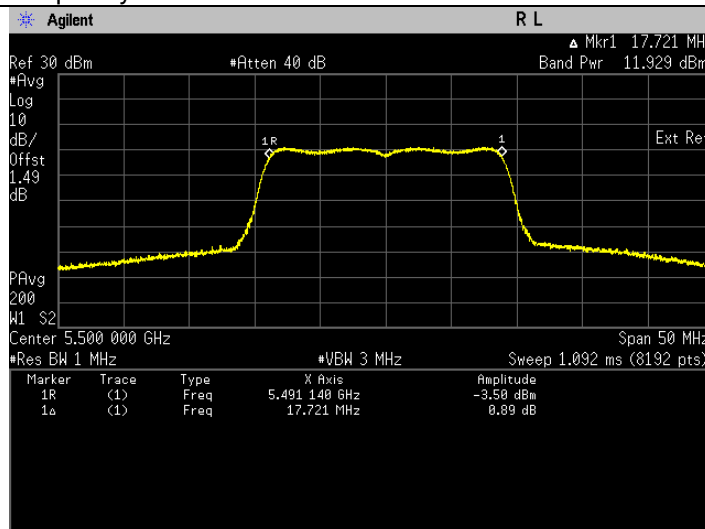
Frequency 5260 MHz.



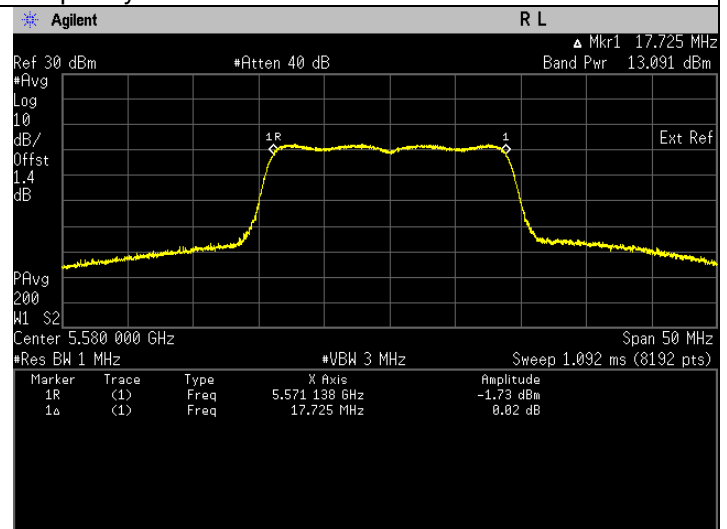
Frequency 5300 MHz.



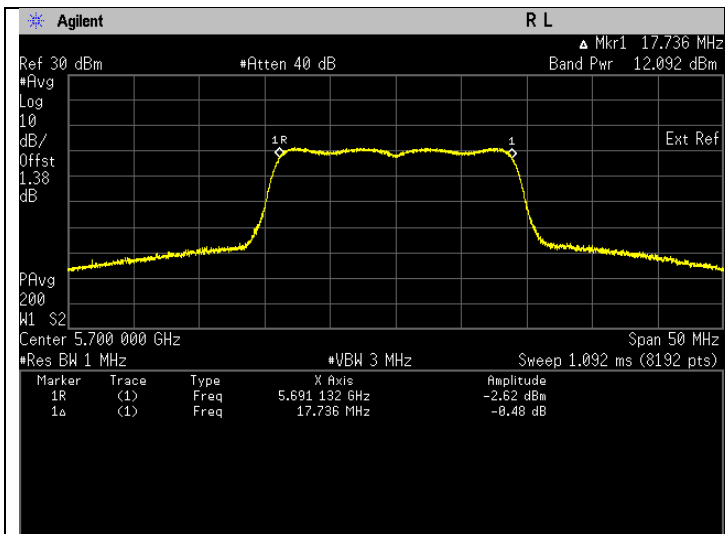
Frequency 5320 MHz.



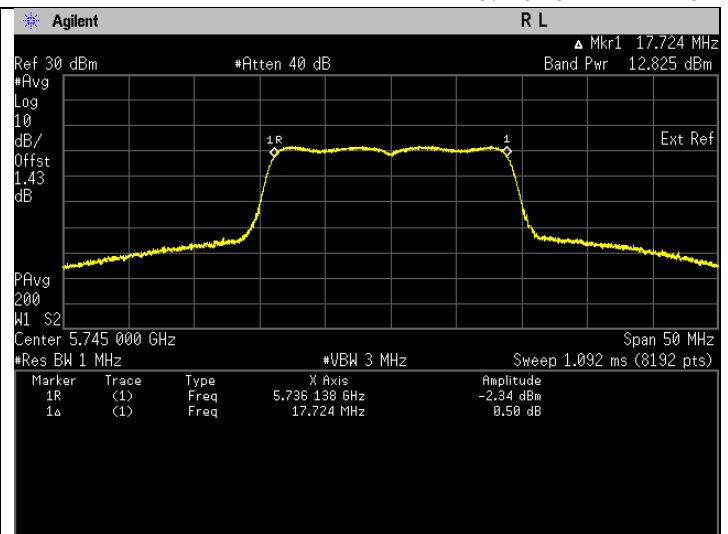
Frequency 5500 MHz.



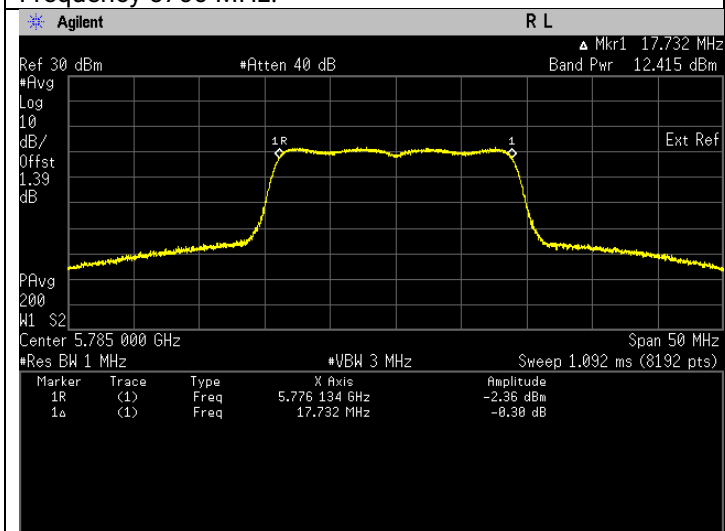
Frequency 5580 MHz.



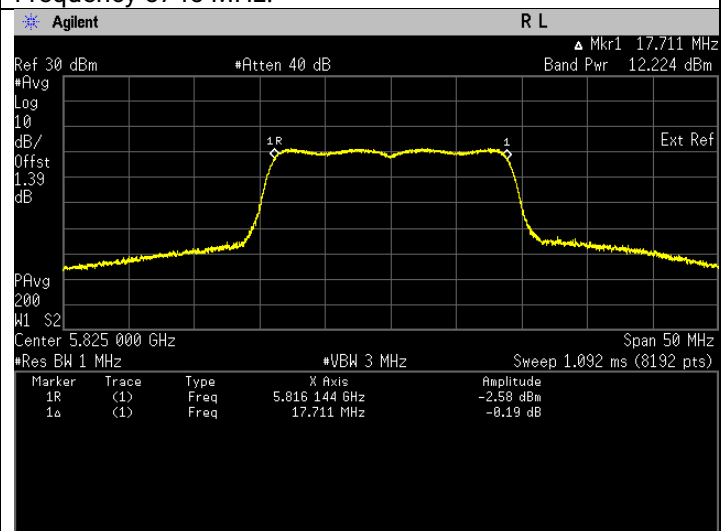
Frequency 5700 MHz.



Frequency 5745 MHz.



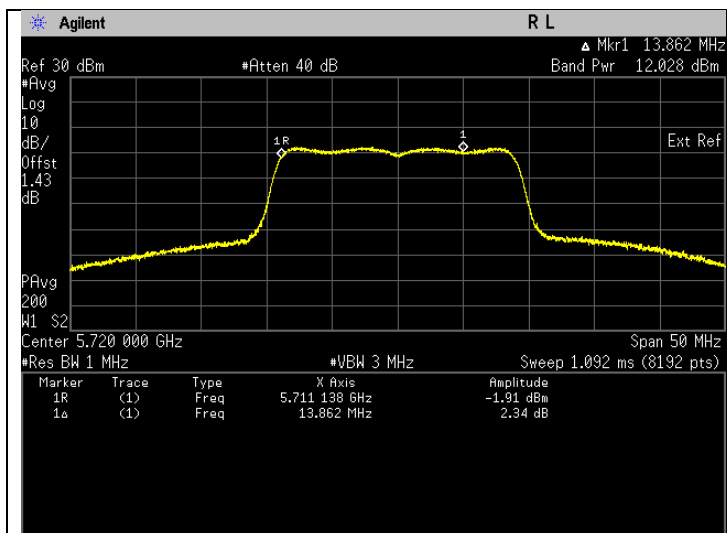
Frequency 5785 MHz.



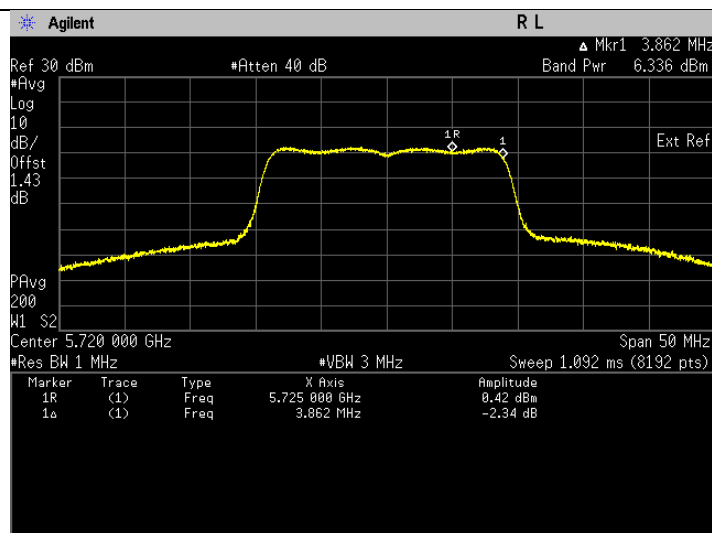
Frequency 5825 MHz.

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	3.0	16.297	12.121	Pass	15.121	Pass
U-NII-3							
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	4.394	6.429	Pass	9.429	Pass



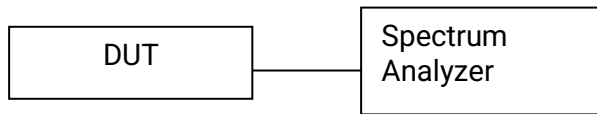
Frequency 5720 MHz, U-NII-2C. *Note: The band power is captured before the 5725 MHz.



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

7.3. Maximum Power Spectral Density

7.3.1. Test Setup



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

7.3.2. Test Limits

FCC 15.407(a)

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

RSS-247 6.2

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

7.3.3. Additional Info

Antenna	Gain (dBi)
UNII-1	6.0
UNII-2A & UNII-2C	3.0
UNII-3	6.0
Duty Cycle Correction Factor	
802.11a	0.149
802.11n20	0.093

7.3.4. Test Data

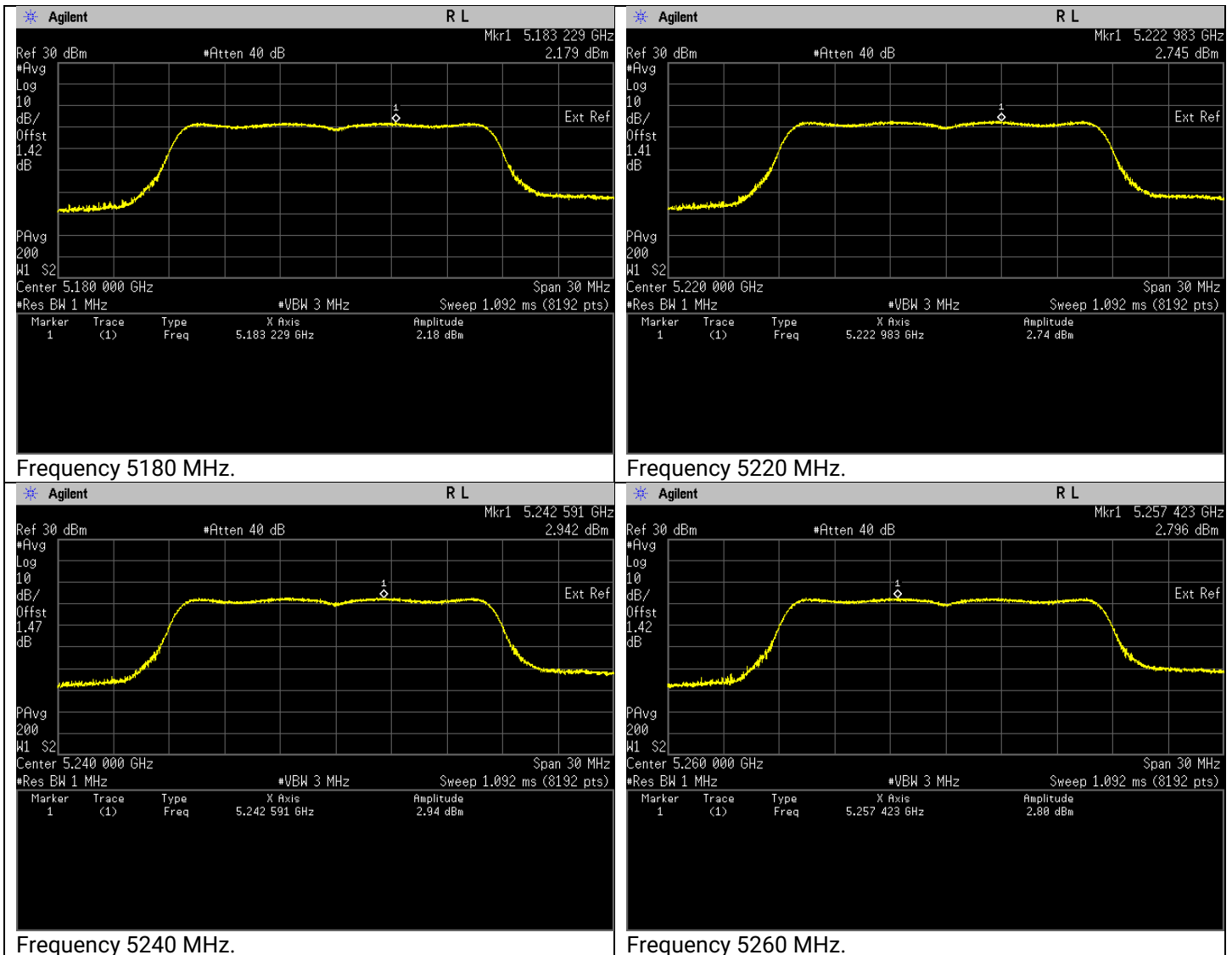
802.11a (26dB EBW)

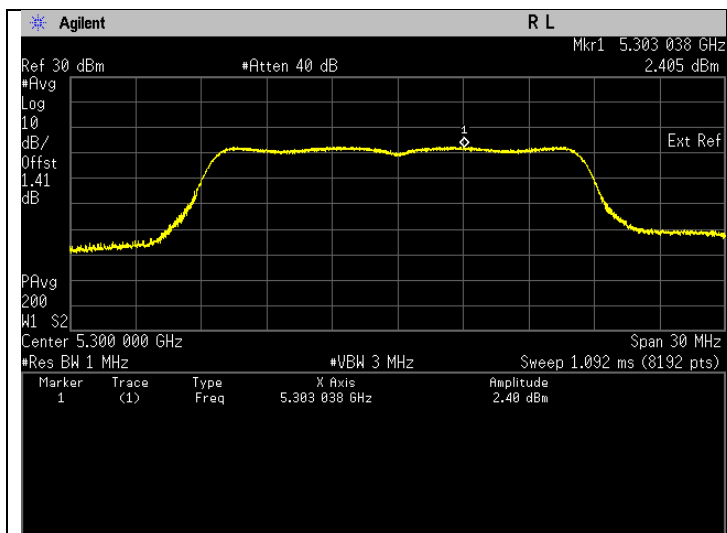
Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.328	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.894	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.091	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.945	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.554	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	1.702	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.462	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.212	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	2.403	Pass
Freq. (MHz)	Test Conditions	Power/Frequency (dBm/500kHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	-0.894	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	-0.286	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	-0.328	Pass

802.11a (99% EBW)

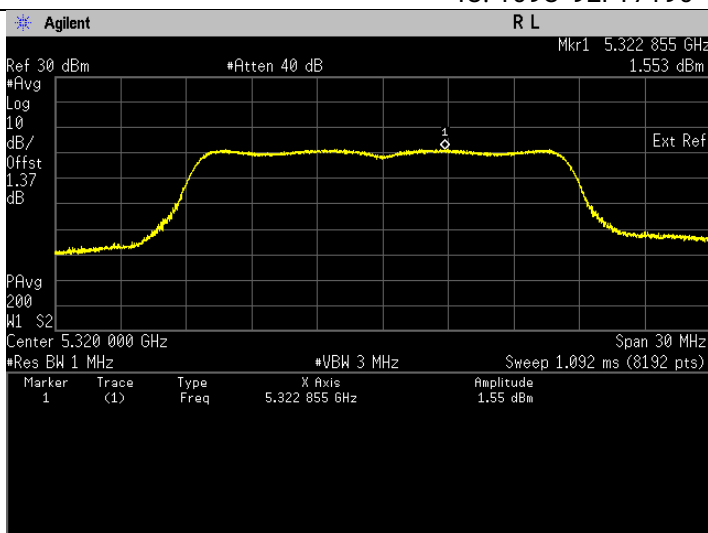
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results			
			Power/Frequency (dBm/MHz)	Status	EIRP (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	2.328	Pass	8.328	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	2.894	Pass	8.894	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	3.091	Pass	9.091	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	2.945	Pass	5.945	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	2.554	Pass	5.554	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	1.702	Pass	4.702	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	3.462	Pass	6.462	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	2.212	Pass	5.212	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	2.403	Pass	5.403	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	6.0	-0.894	Pass	5.106	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	-0.286	Pass	5.714	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	6.0	-0.328	Pass	5.672	Pass

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

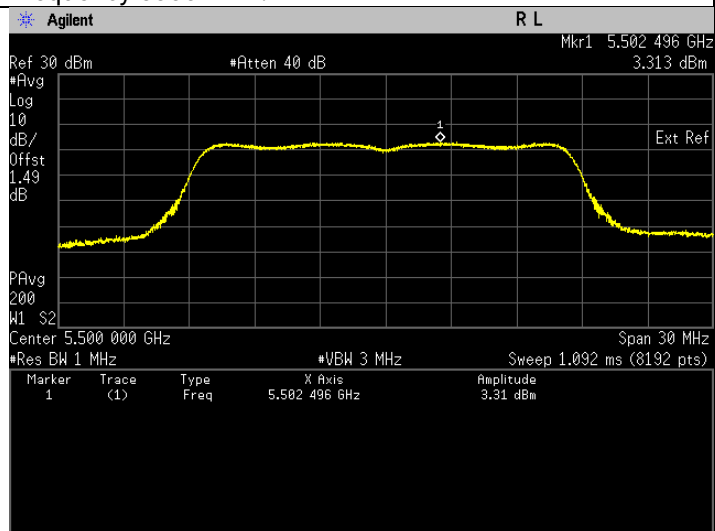




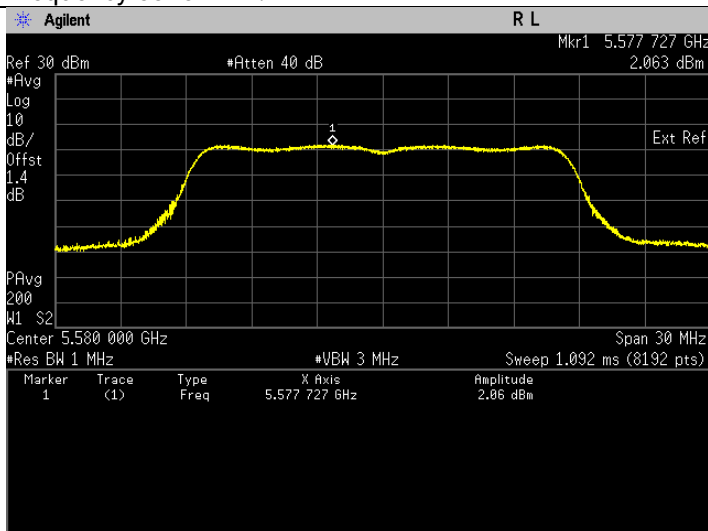
Frequency 5300 MHz.



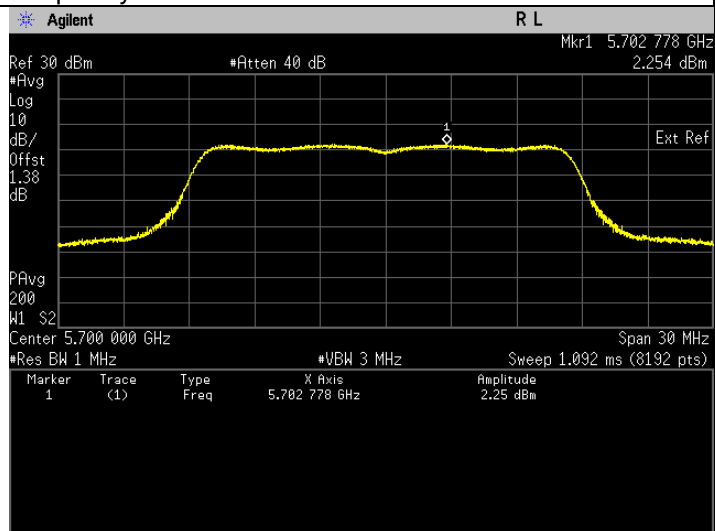
Frequency 5320 MHz.



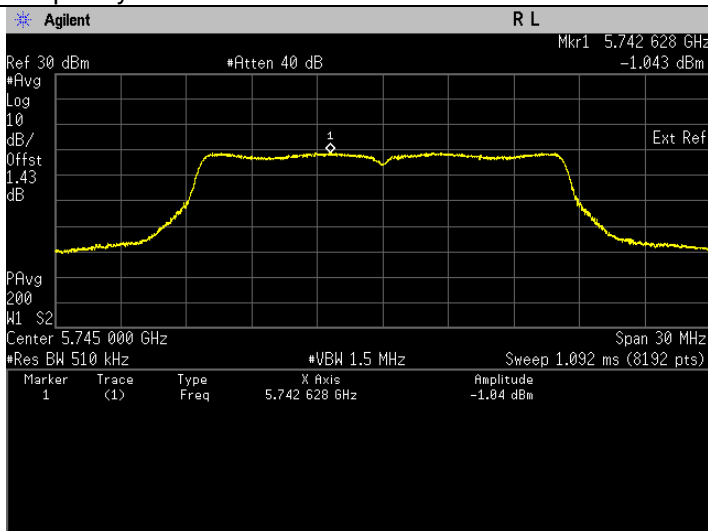
Frequency 5500 MHz.



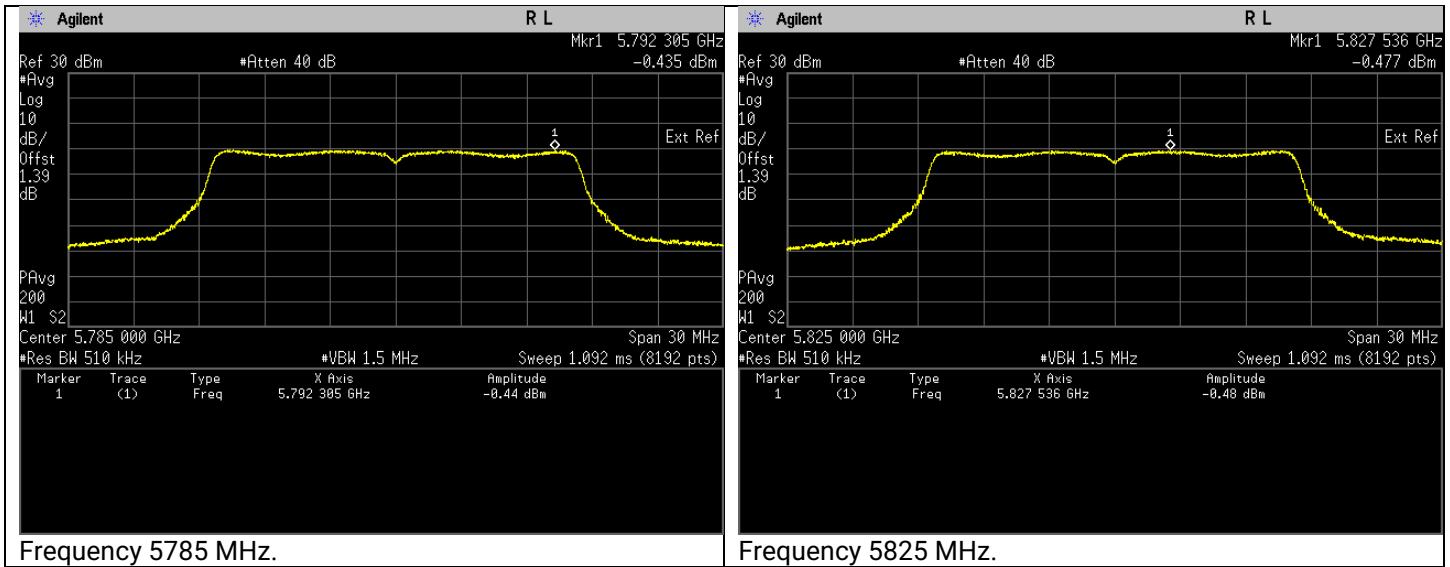
Frequency 5580 MHz.



Frequency 5700 MHz.



Frequency 5745 MHz.



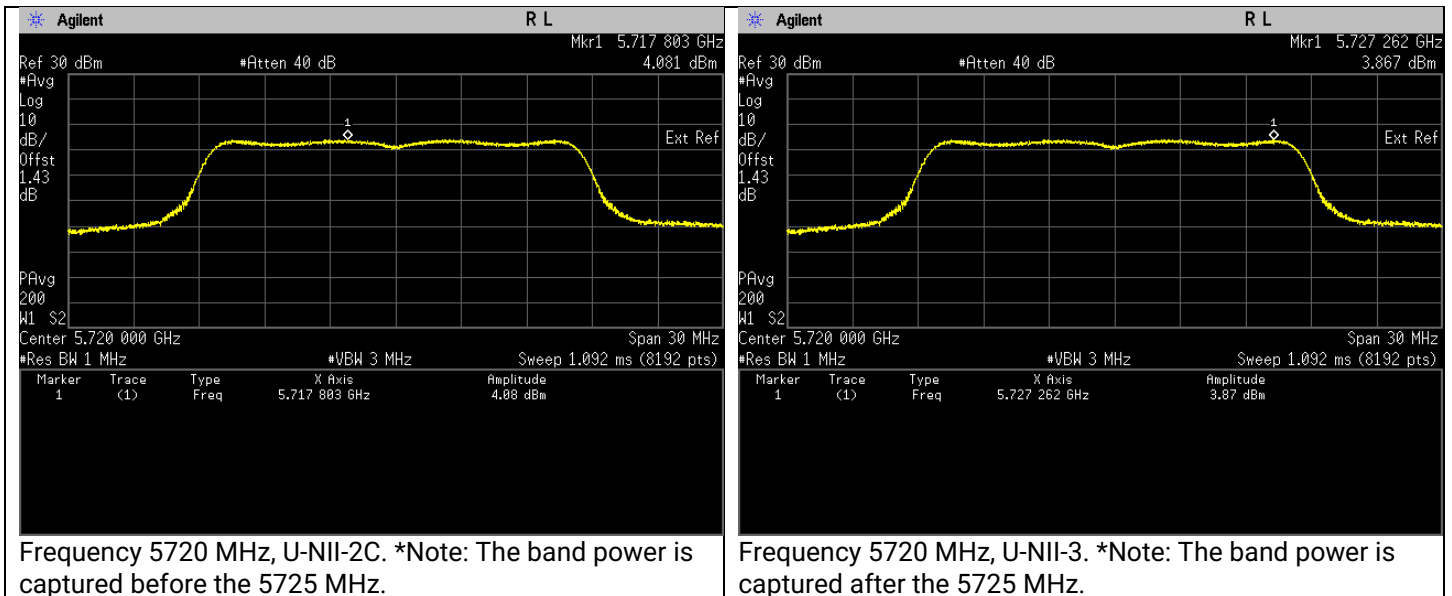
Straddle Frequency for 802.11a (26dB EBW)

Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
		U-NII- 2C	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.230	Pass
Freq. (MHz)	Test Conditions	U-NII-3	
		Power/Frequency (dBm/500kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	4.016	Pass

Straddle Frequency for 802.11a (99% EBW)

Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results		
			Power/Frequency (dBm/MHz)	EIRP (dBm/ MHz)	Status
			U-NII- 2C		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.0	4.230	7.230	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	3.0	4.016	7.016	Pass

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



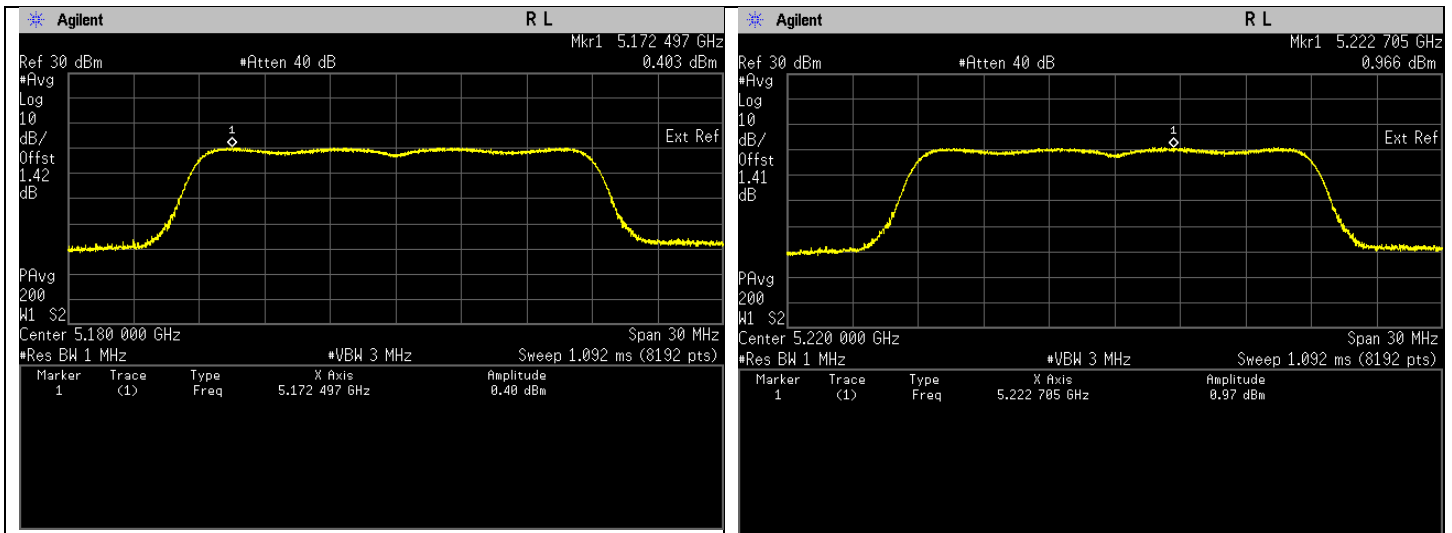
802.11n (HT20) (26dB EBW)

Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.496	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.059	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.154	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.827	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.843	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	0.751	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.368	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	2.261	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	1.581	Pass
Freq. (MHz)	Test Conditions	Power/Frequency (dBm/500kHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-0.939	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-1.172	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	-1.435	Pass

802.11n (HT20) (99% EBW)

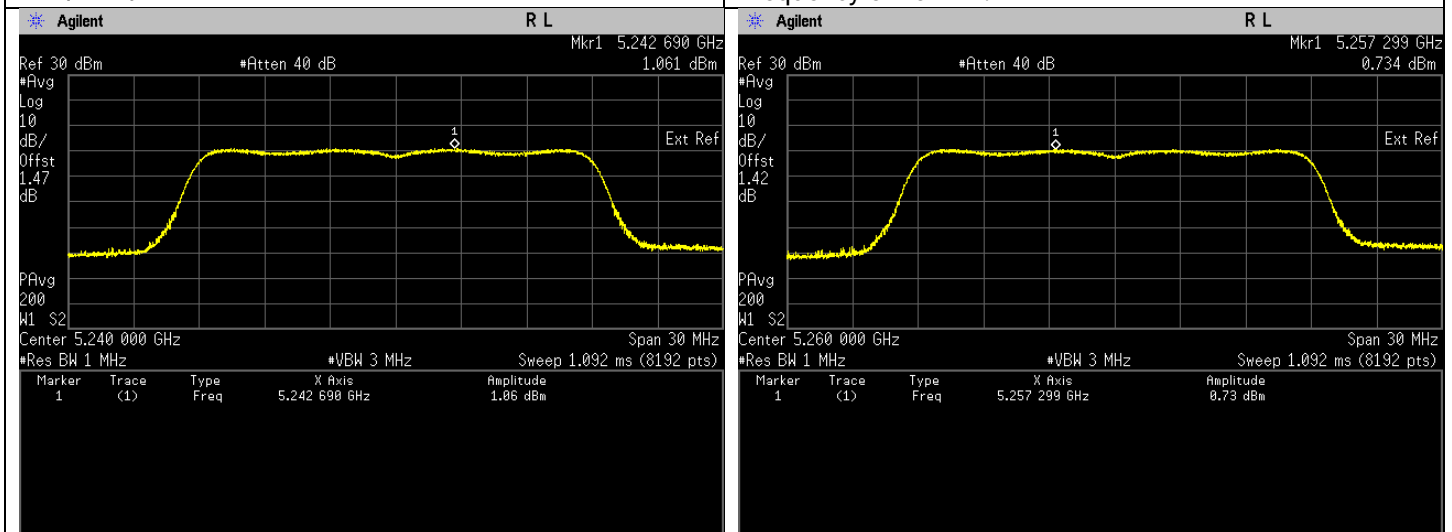
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results			
			Power/Frequency (dBm/MHz)	Status	EIRP (dBm/MHz)	Status
5180	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	0.496	Pass	6.496	Pass
5220	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	1.059	Pass	7.059	Pass
5240	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	1.154	Pass	7.154	Pass
5260	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	0.827	Pass	3.827	Pass
5300	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	0.843	Pass	3.843	Pass
5320	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	0.751	Pass	3.751	Pass
5500	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	1.368	Pass	4.368	Pass
5580	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	2.261	Pass	5.261	Pass
5700	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	1.581	Pass	4.581	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	6.0	-0.939	Pass	5.061	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	-1.172	Pass	4.828	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	6.0	-1.435	Pass	4.565	Pass

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



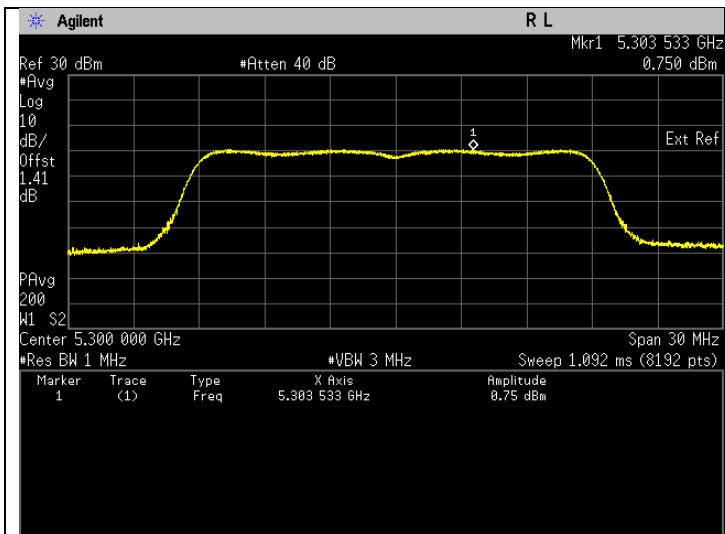
Frequency 5180 MHz.

Frequency 5220MHz.

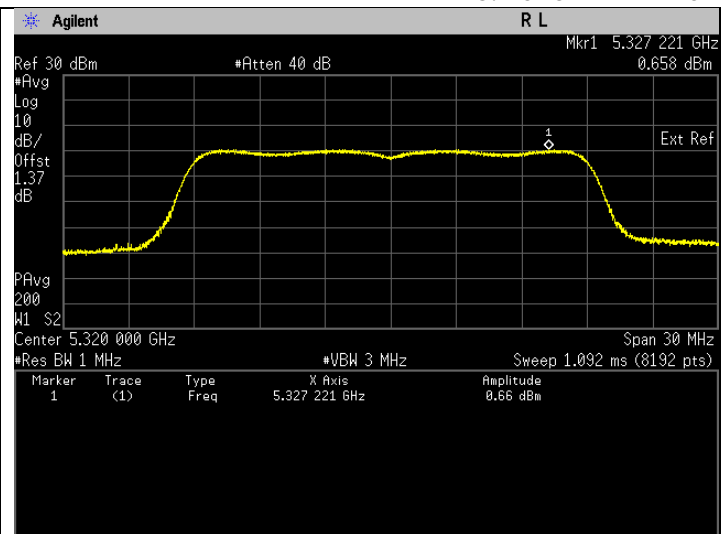


Frequency 5240 MHz.

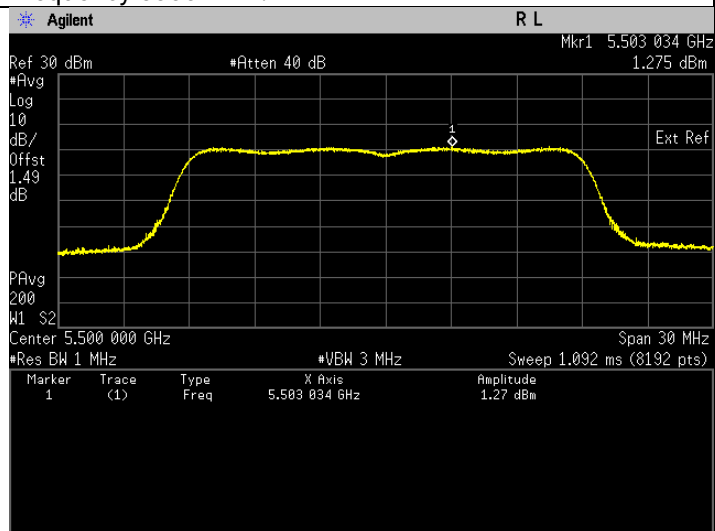
Frequency 5260 MHz.



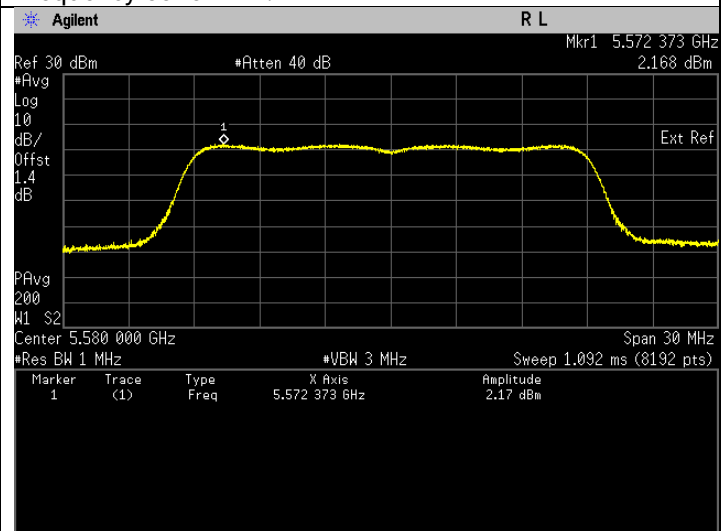
Frequency 5300 MHz.



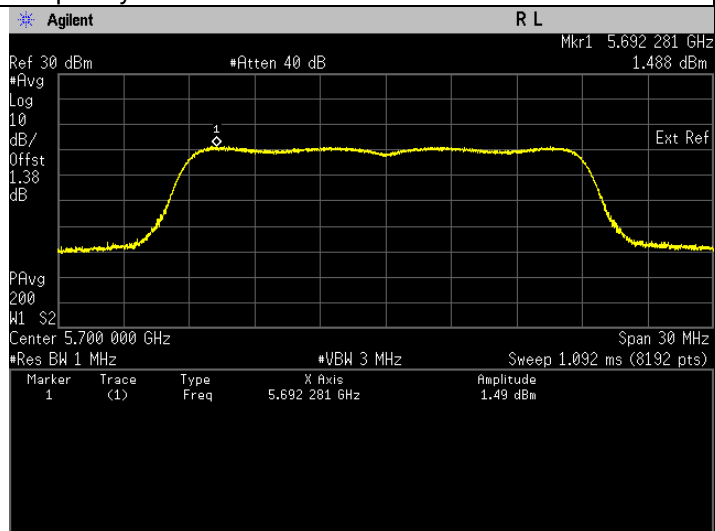
Frequency 5320 MHz.



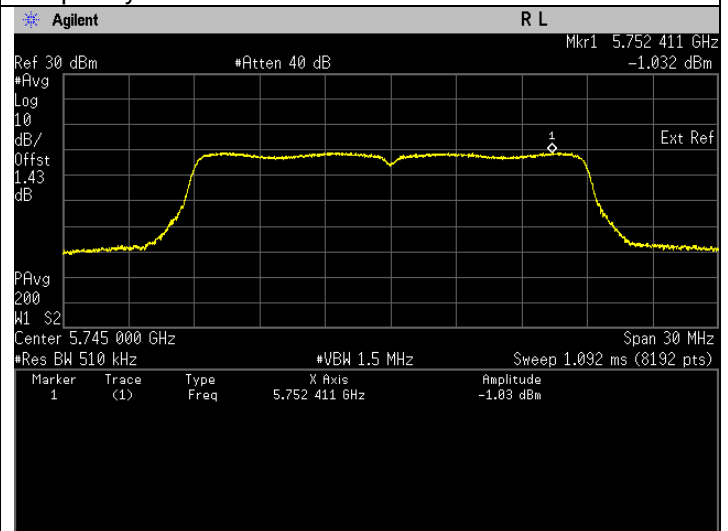
Frequency 5500 MHz.



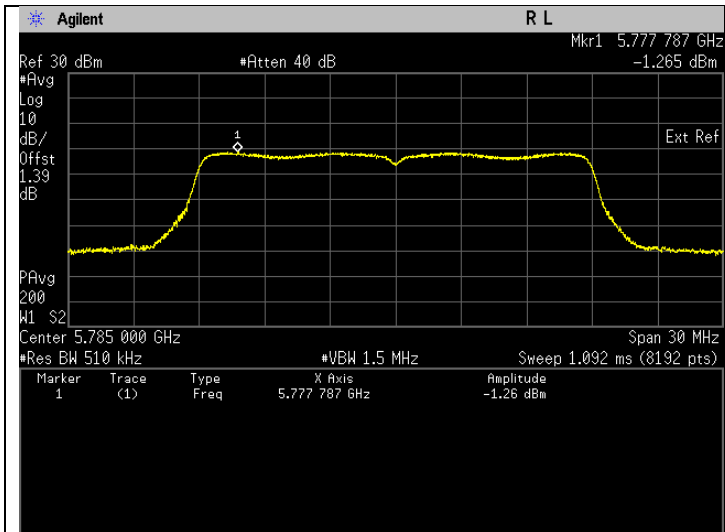
Frequency 5580 MHz.



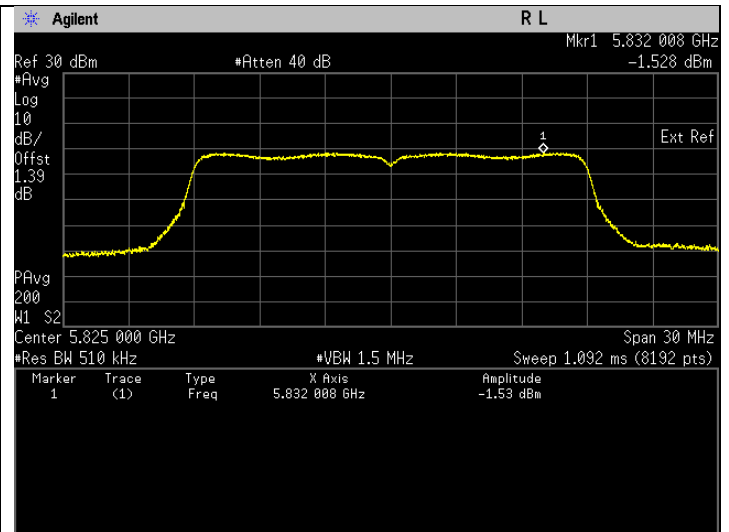
Frequency 5700 MHz.



Frequency 5745 MHz.



Frequency 5785 MHz.



Frequency 5825 MHz.

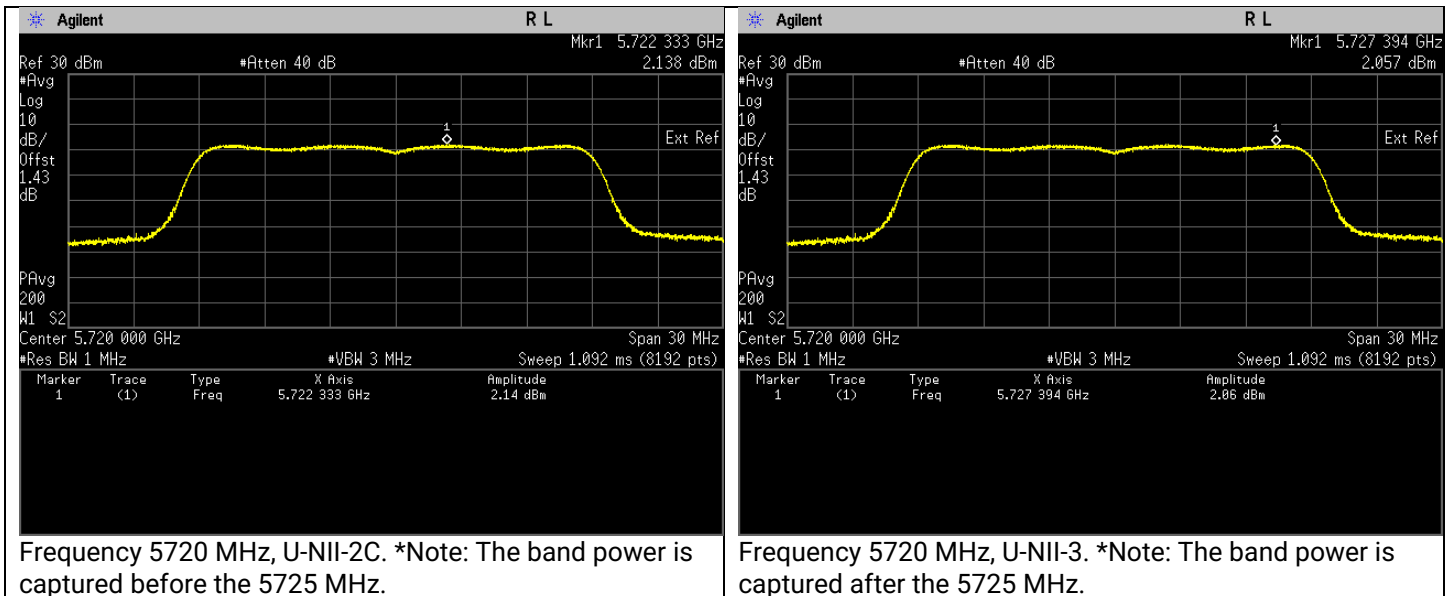
Straddle Frequency for 802.11n (HT20) (26dB EBW)

Freq. (MHz)	Test Conditions	Results	
		Power/Frequency (dBm/MHz)	Status
		U-NII- 2C	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	2.231	Pass
Freq. (MHz)	Test Conditions	U-NII-3	
		Power/Frequency (dBm/500kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	2.150	Pass

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

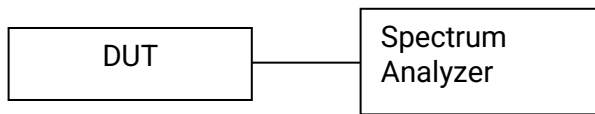
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	Results		
			Power/Frequency (dBm/MHz)	EIRP (dBm/ MHz)	Status
			U-NII- 2C		
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	2.231	5.231	Pass
Freq. (MHz)	Test Conditions	Antenna Gain (dBi)	U-NII-3		
			Power/Frequency (dBm/500kHz)	EIRP (dBm/5 00kHz)	Status
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.0	2.150	5.150	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.

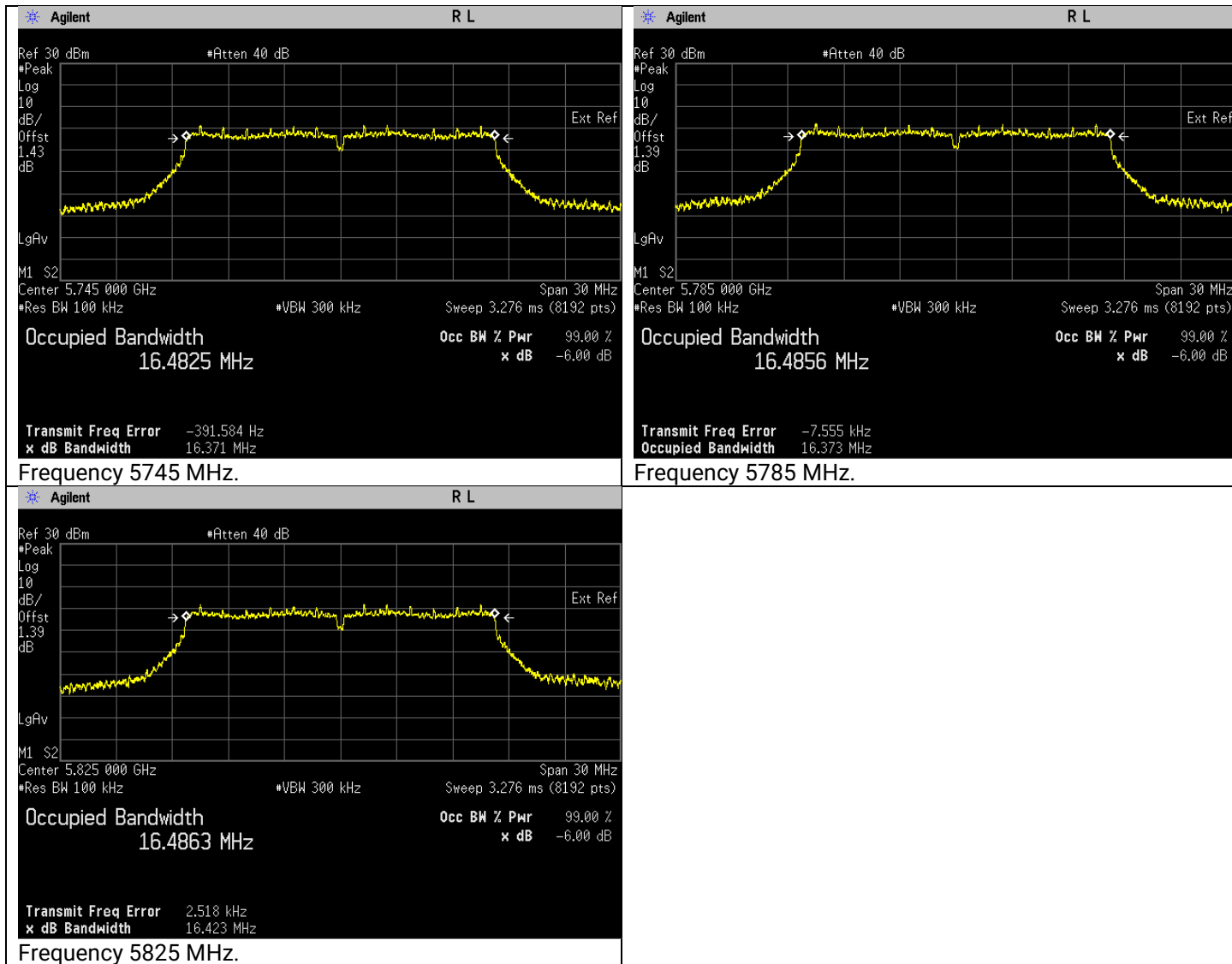
RSS 247 6.2.4

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

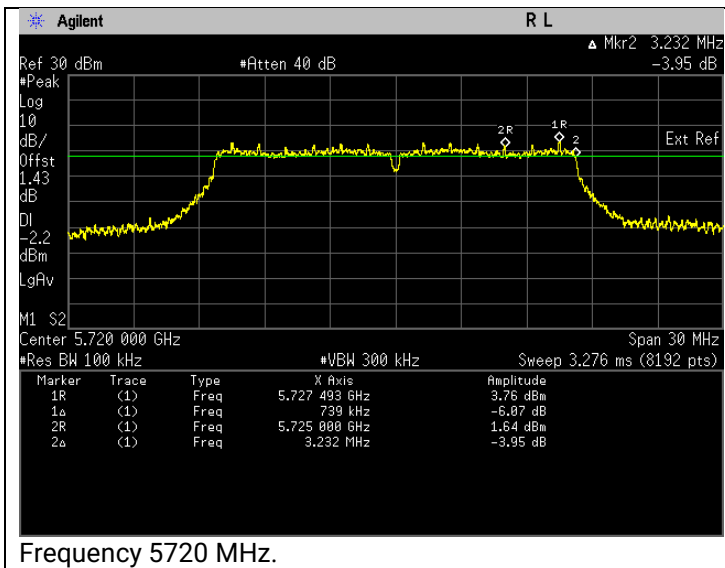
Freq. (MHz)	Test Configuration	Results	
		Bandwidth(MHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.371	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.373	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	16.423	Pass



Straddle Frequency for 802.11a

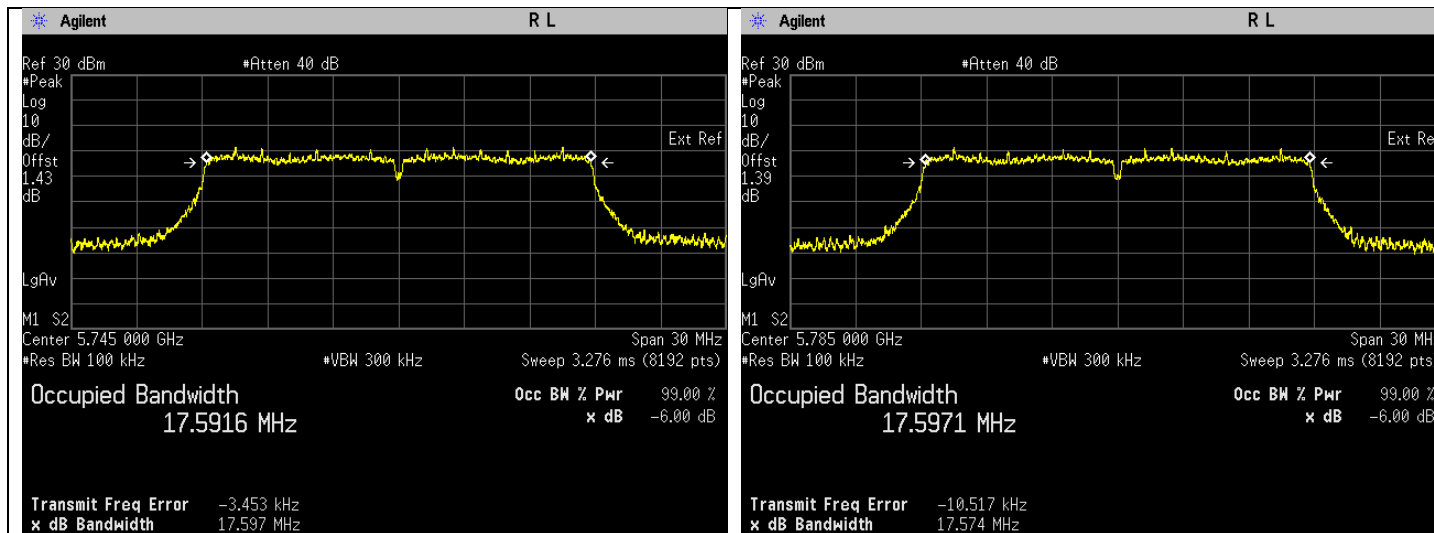
Freq. (MHz)	Test Conditions	Results	
		Power/Freq. (dBm/MHz)	Status
		U-NII- 3	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	3.232	Pass

Plots for 802.11a Straddle Frequency



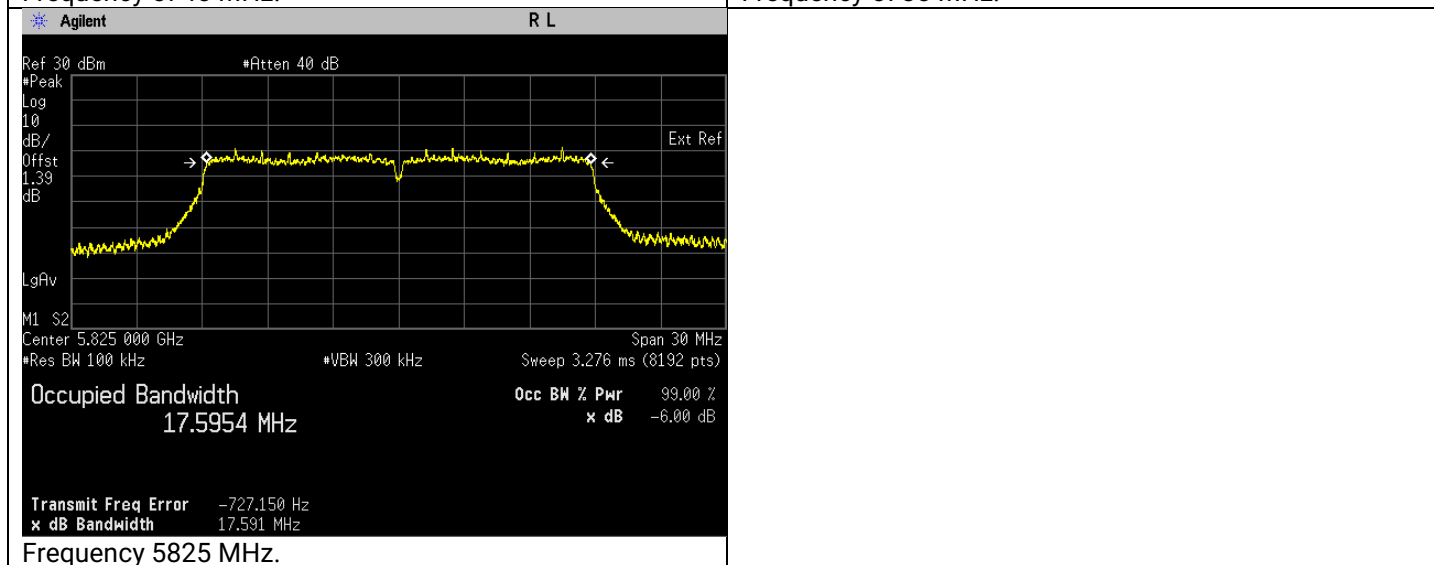
802.11n (HT20)

Freq. (MHz)	Test Configuration	Results	
		Bandwidth(MHz)	Status
5745	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.597	Pass
5785	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.574	Pass
5825	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	17.591	Pass



Frequency 5745 MHz.

Frequency 5785 MHz.

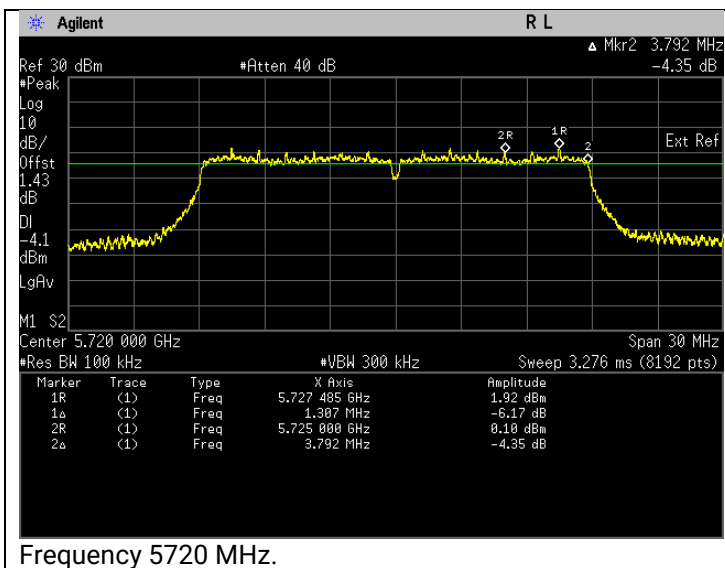


Frequency 5825 MHz.

Straddle Frequency for 802.11n (HT20)

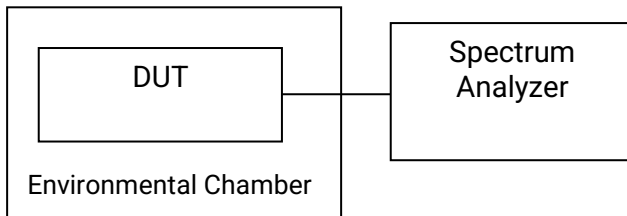
Freq. (MHz)	Test Conditions	Results	
		Power/Freq. (dBm/MHz)	Status
		U-NII- 3	
5720	Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6.5	3.792	Pass

Plots for 802.11n (HT20) Straddle Frequency



7.5. Frequency Stability

7.5.1. Test Setup



- a) Test setup as per illustrated above.
- b) Set DUT to transmit un-modulated signal at desire transmit frequency.
- c) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- d) The DUT was operated at the maximum output power, and spectrum which is set to maximum hold function and peak detector.
- e) The peak value of the power envelope was measured and noted.
- f) Test was conducted from temperature range from -30°C to 50°C with step size of 10°C on manufacturer's rated supply voltage.
- g) At temperature of 20°C, +/-15% of manufacturer's rated voltage are to be applied.
- h) The frequency stability is measured and recorded of frequency deviation due to temperature and supply voltage variations as mentioned at condition f) & g) above.

7.5.2. Test Limits

FCC 15.407(g)

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

RSS-GEN 6.11

7.5.3. Test Data

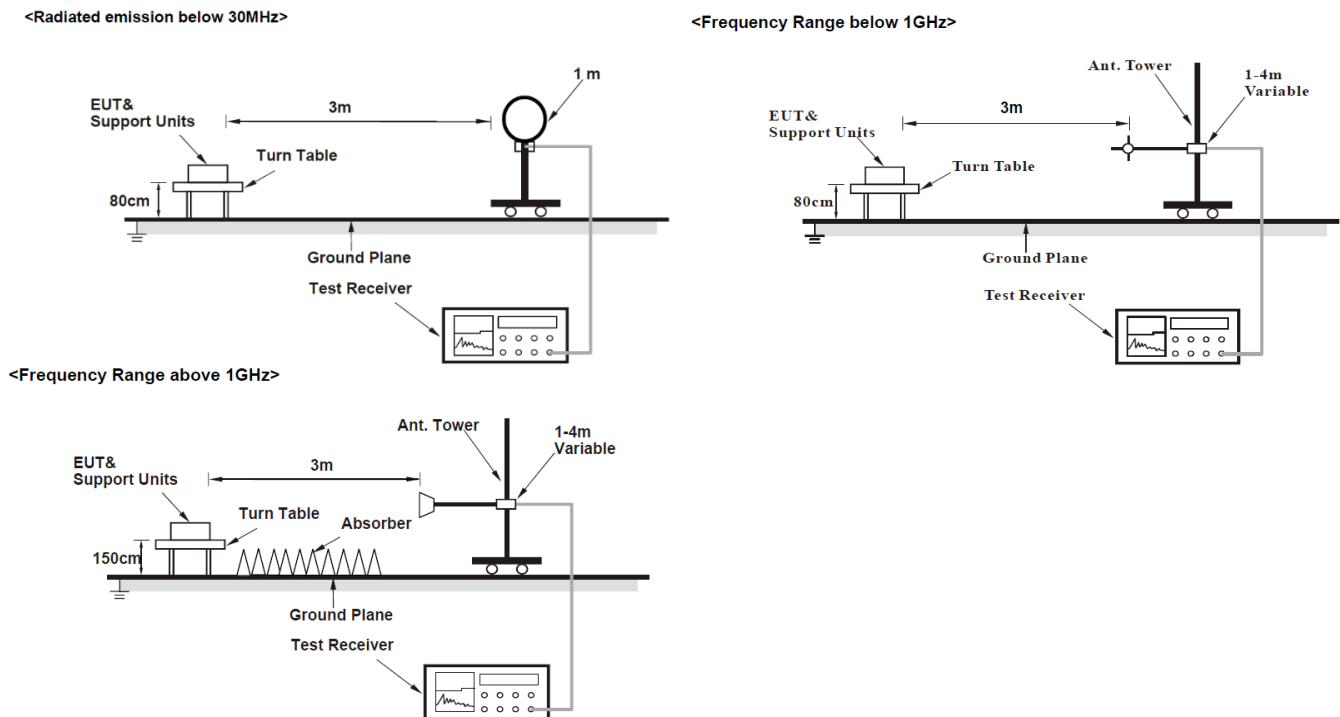
802.11a

Test Configuration	Test Frequency
	Tx (MHz)
Mod Type: OFDM, Mod Tech: BPSK, Data Rate: 6	5180

Temperature(°C)	Voltage	Results			
		Measured Frequency (MHz)	Frequency Error(kHz)	Frequency Error (%)	Status
20	+15%	5179.992725	7.275000	0.000140	Pass
	±0%	5179.993359	6.641000	0.000128	Pass
	-15%	5179.994051	5.949000	0.000115	Pass
-30		5179.994640	5.360000	0.000103	Pass
-20		5179.994847	5.153000	0.000099	Pass
-10		5179.994587	5.413000	0.000104	Pass
0		5179.994765	5.235000	0.000101	Pass
10		5179.994568	5.432000	0.000105	Pass
30		5179.994169	5.831000	0.000113	Pass
40		5179.994173	5.827000	0.000112	Pass
50		5179.994177	5.823000	0.000112	Pass

7.6. Band Edge Radiated Spurious Emission Measurement

7.6.1. 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.

7.6.2. 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 Result

802.11a

SAC TX Restricted Band-edge : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
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	5000.9740	42.12	54.00	11.88
Vertical	Average	5002.1730	42.06	54.00	11.94
Vertical	Average	5005.1700	42.06	54.00	11.94
Vertical	Average	5005.9190	42.18	54.00	11.82
Vertical	Average	5006.6680	42.11	54.00	11.89
Vertical	Average	5007.8670	42.23	54.00	11.77
Vertical	Average	5011.6130	42.10	54.00	11.90
Vertical	Average	5013.8610	42.06	54.00	11.94
Vertical	Average	5082.1930	42.01	54.00	11.99
Horizontal	Average	5097.1780	42.01	54.00	11.99
Horizontal	Average	5098.2270	42.02	54.00	11.98
Horizontal	Average	5099.8750	42.09	54.00	11.91
Vertical	Peak	5148.7260	64.59	74.00	9.41
Horizontal	Average	5149.7750	46.29	54.00	7.71
Vertical	Average	5149.9250	46.14	54.00	7.86
Vertical	Peak	5149.9250	64.06	74.00	9.94
Vertical	Average	5150.0000	46.01	54.00	7.99
Horizontal	Average	5150.0000	46.34	54.00	7.66
Vertical	Peak	5150.0000	64.24	74.00	9.76
Horizontal	Peak	5150.0000	57.97	74.00	16.03

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 8 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

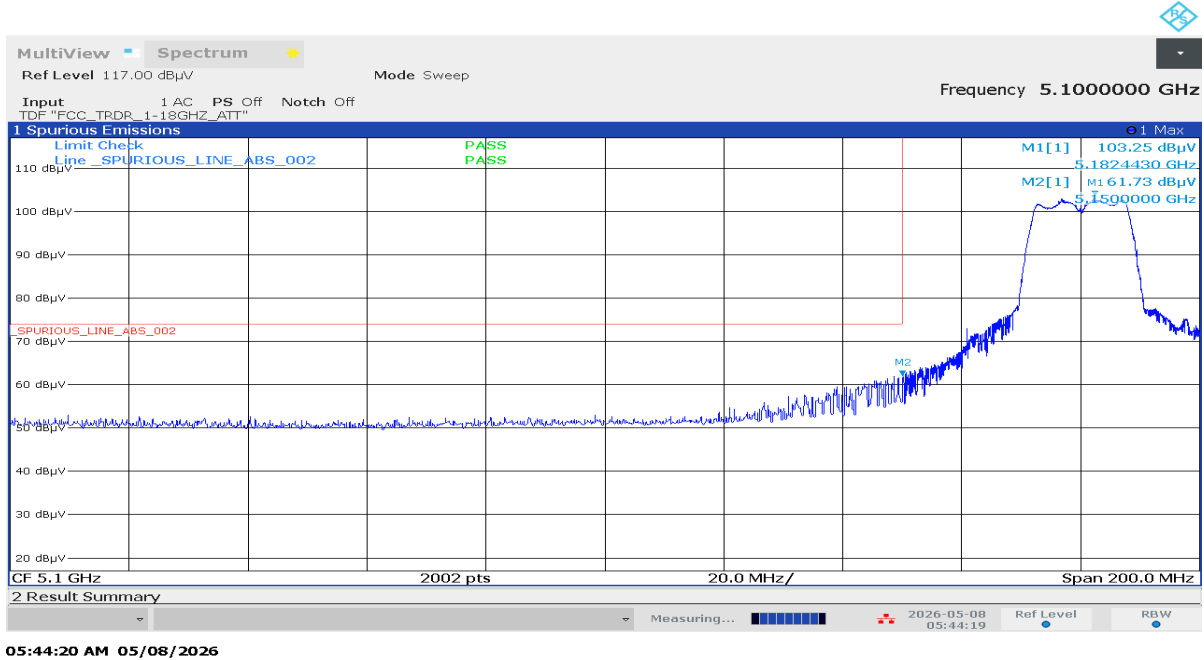
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

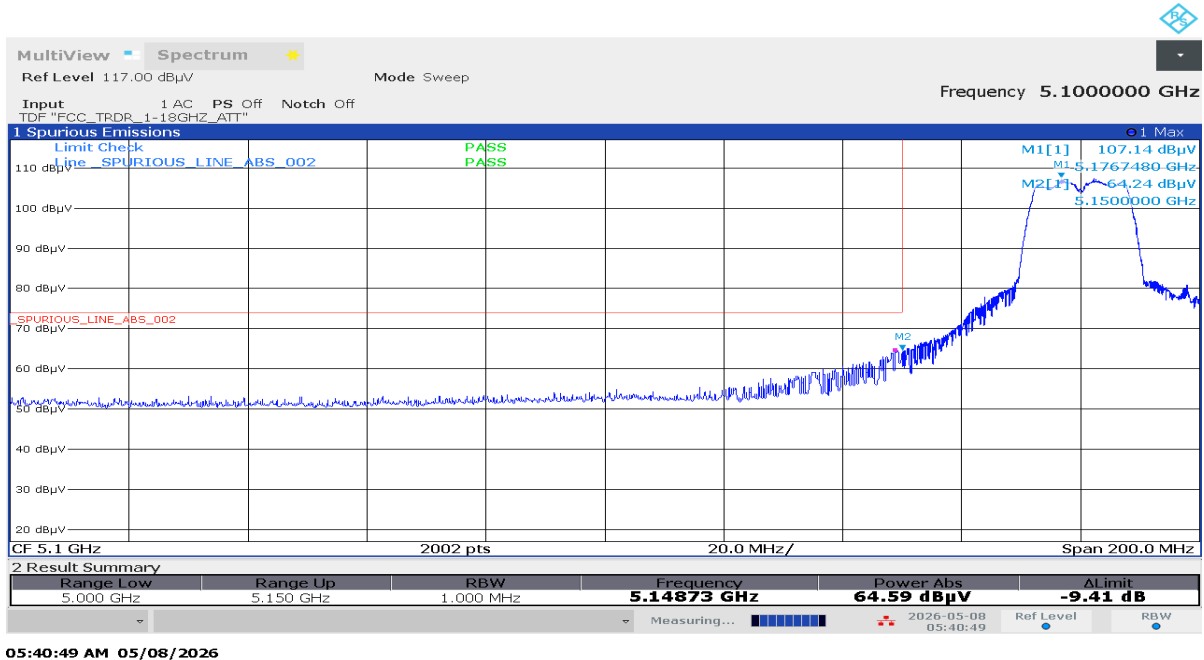
NOTE :

- 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.

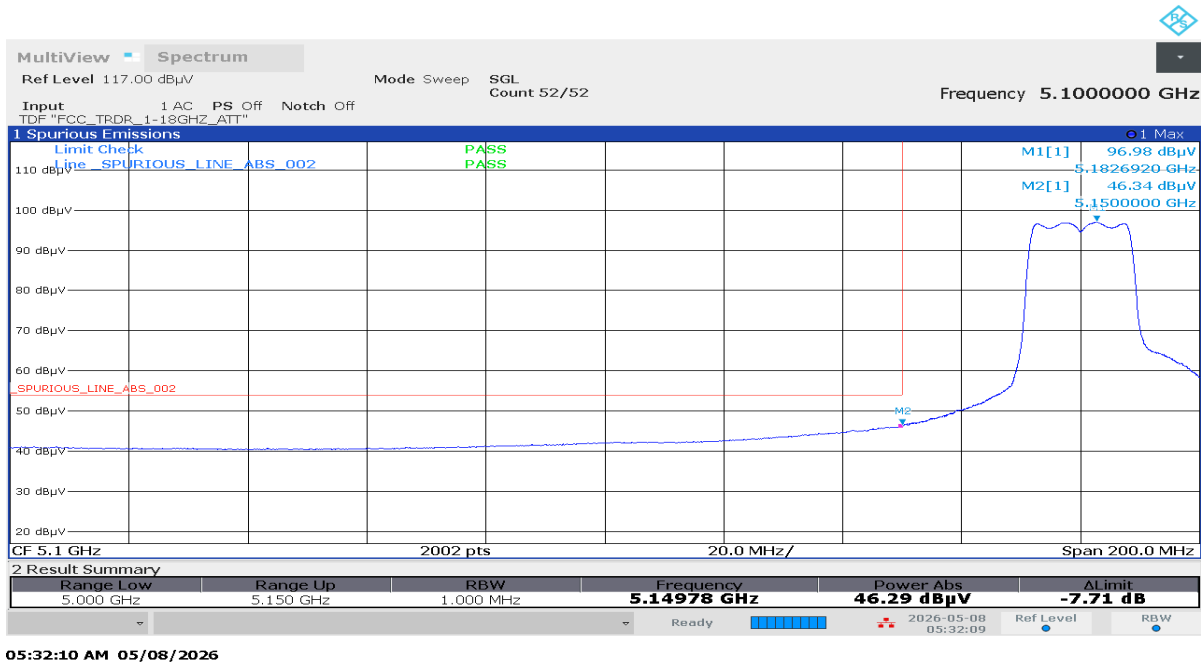
Restricted Band Edge (Peak,Horizontal)



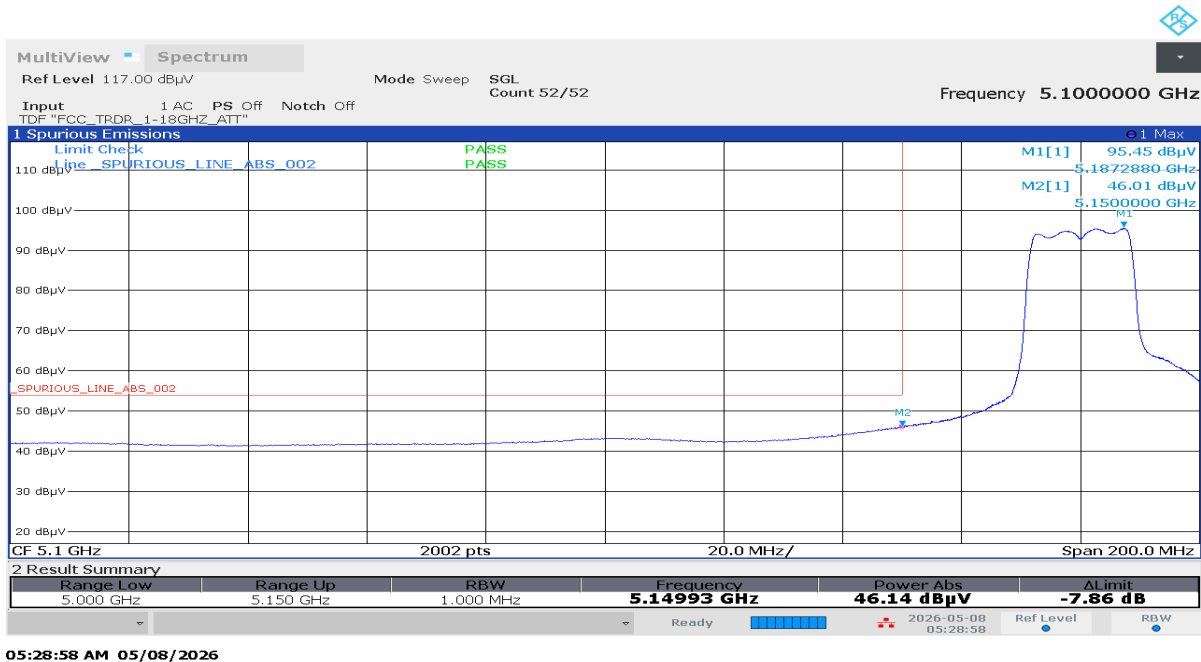
Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average,Vertical)



SAC TX Restricted Band-edge : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
Test Frequency (MHz) : 5320.0000 Softpot Power : 14.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Average	5350.0000	45.33	54.00	8.67
Horizontal	Average	5350.0000	46.71	54.00	7.29
Vertical	Peak	5350.0000	57.10	74.00	16.90
Horizontal	Peak	5350.0000	58.09	74.00	15.91
Horizontal	Average	5350.0250	46.71	54.00	7.29
Vertical	Average	5350.1250	45.39	54.00	8.61
Vertical	Peak	5350.1250	66.06	74.00	7.94
Horizontal	Peak	5350.3750	65.01	74.00	8.99
Vertical	Peak	5350.5240	65.27	74.00	8.73
Horizontal	Peak	5350.5740	64.84	74.00	9.16
Vertical	Peak	5350.6250	65.29	74.00	8.71
Horizontal	Peak	5350.6740	64.97	74.00	9.03
Horizontal	Peak	5350.9740	65.16	74.00	8.84
Vertical	Peak	5351.0740	64.82	74.00	9.18
Horizontal	Peak	5351.4740	65.32	74.00	8.68
Vertical	Peak	5351.5730	64.72	74.00	9.28
Horizontal	Peak	5351.6240	64.54	74.00	9.46
Vertical	Peak	5351.7230	64.58	74.00	9.42
Horizontal	Peak	5351.7730	64.79	74.00	9.21
Vertical	Peak	5351.8730	64.50	74.00	9.50
Vertical	Peak	5352.2230	64.48	74.00	9.52
Vertical	Peak	5352.6230	64.54	74.00	9.46
Horizontal	Peak	5352.9720	65.01	74.00	8.99
Vertical	Peak	5353.1220	64.29	74.00	9.71
Horizontal	Peak	5353.1220	64.07	74.00	9.93
Horizontal	Peak	5353.2710	64.48	74.00	9.52
Vertical	Average	5374.0510	42.26	54.00	11.74
Vertical	Average	5375.1000	42.20	54.00	11.80
Vertical	Average	5378.4970	42.17	54.00	11.83
Vertical	Average	5385.3900	42.37	54.00	11.63
Vertical	Average	5388.4860	42.33	54.00	11.67
Vertical	Average	5391.1340	42.28	54.00	11.72
Vertical	Average	5395.0300	42.23	54.00	11.77
Vertical	Average	5398.5260	42.25	54.00	11.75

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Average	5399.7750	42.16	54.00	11.84

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 8 May, 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.

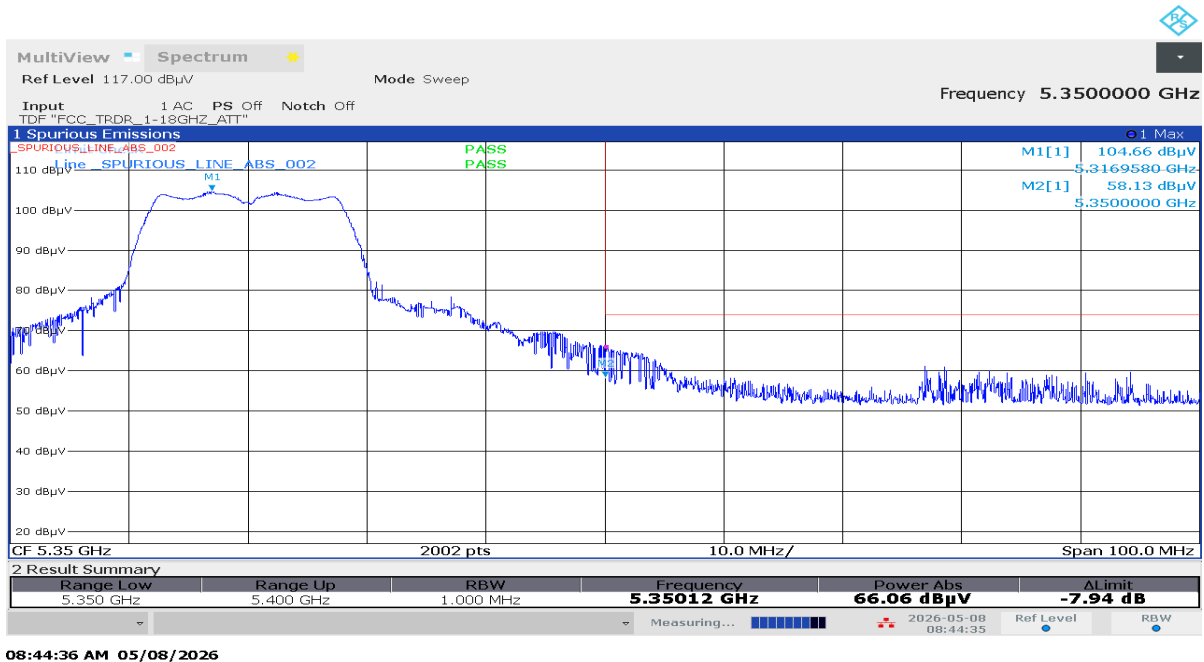
NOTE :

- 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 : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	5386.1630	42.05	54.00	11.95
Horizontal	Average	5389.1880	42.09	54.00	11.91
Horizontal	Average	5393.0380	42.05	54.00	11.95
Vertical	Average	5394.1380	44.40	54.00	9.60
Horizontal	Average	5394.1380	42.06	54.00	11.94
Horizontal	Average	5395.7880	42.07	54.00	11.93
Horizontal	Average	5397.9870	42.08	54.00	11.92
Horizontal	Average	5398.5380	42.08	54.00	11.92
Horizontal	Average	5401.2880	42.07	54.00	11.93
Horizontal	Average	5404.0380	42.06	54.00	11.94
Horizontal	Average	5415.3130	42.00	54.00	12.00
Horizontal	Average	5416.1380	42.16	54.00	11.84
Vertical	Average	5434.0130	42.17	54.00	11.83
Vertical	Average	5435.1120	42.07	54.00	11.93
Vertical	Average	5436.4870	42.04	54.00	11.96
Vertical	Average	5440.0630	42.13	54.00	11.87
Vertical	Average	5441.4380	42.19	54.00	11.81
Vertical	Average	5443.6380	42.14	54.00	11.86
Vertical	Average	5446.1120	42.17	54.00	11.83
Vertical	Average	5459.3130	42.58	54.00	11.42
Horizontal	Peak	5465.3250	61.86	68.20	6.34
Vertical	Peak	5465.6250	61.82	68.20	6.38
Horizontal	Peak	5466.1750	61.58	68.20	6.62
Horizontal	Peak	5466.3250	61.70	68.20	6.50
Vertical	Peak	5466.6250	62.52	68.20	5.68
Vertical	Peak	5466.7250	62.88	68.20	5.32
Horizontal	Peak	5467.0250	61.61	68.20	6.59
Vertical	Peak	5467.6250	62.36	68.20	5.84
Horizontal	Peak	5467.8750	61.80	68.20	6.40
Vertical	Peak	5468.1750	61.89	68.20	6.31
Horizontal	Peak	5468.3250	61.97	68.20	6.23
Vertical	Peak	5468.7750	60.49	68.20	7.71
Horizontal	Peak	5469.0750	62.17	68.20	6.03
Vertical	Peak	5469.2750	62.32	68.20	5.88

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Peak	5469.3750	61.52	68.20	6.68
Horizontal	Peak	5469.4750	61.80	68.20	6.40
Vertical	Peak	5469.6250	62.78	68.20	5.42
Horizontal	Peak	5469.7250	61.00	68.20	7.20
Vertical	Peak	5469.7750	62.19	68.20	6.01
Vertical	Average	5469.9250	43.23	54.00	10.77
Vertical	Peak	5469.9750	62.17	68.20	6.03
Vertical	Average	5470.0000	43.55	54.00	10.45
Horizontal	Average	5470.0000	42.03	54.00	11.97
Vertical	Peak	5470.0000	62.71	68.20	5.49
Horizontal	Peak	5470.0000	62.29	68.20	5.91

Temperature (°C) : 23.7 Humidity (%) : 68.9
 Test Performed by : Nazrin & Fuad Test Date : Fri, 8 May, 2026
 System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

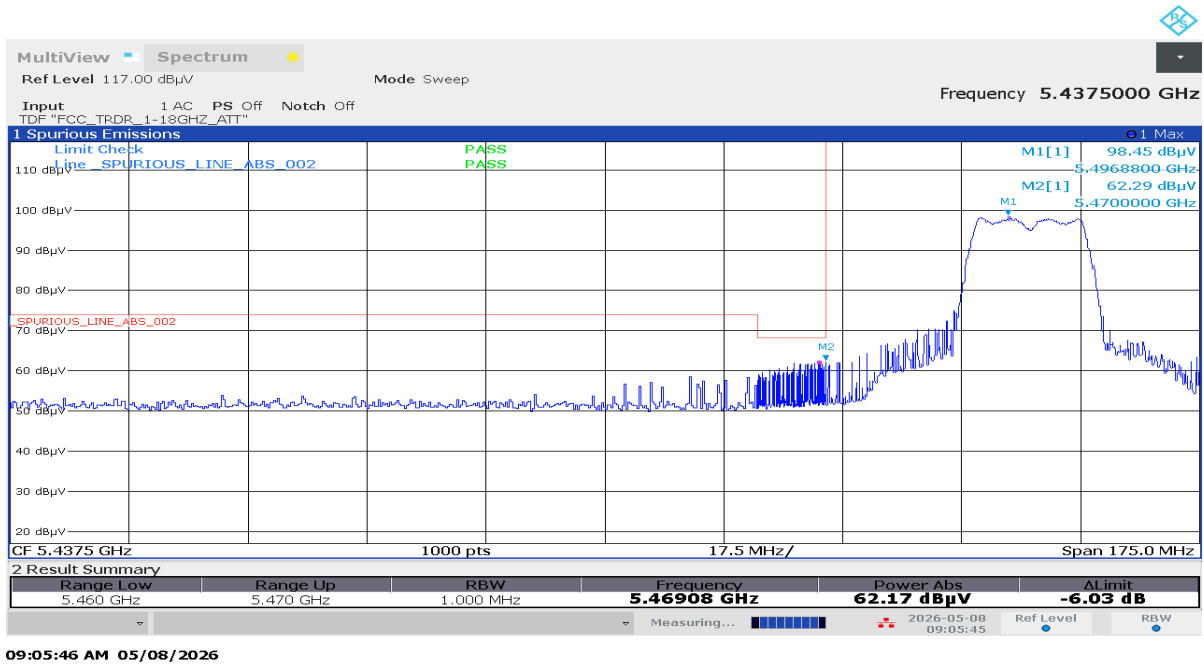
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

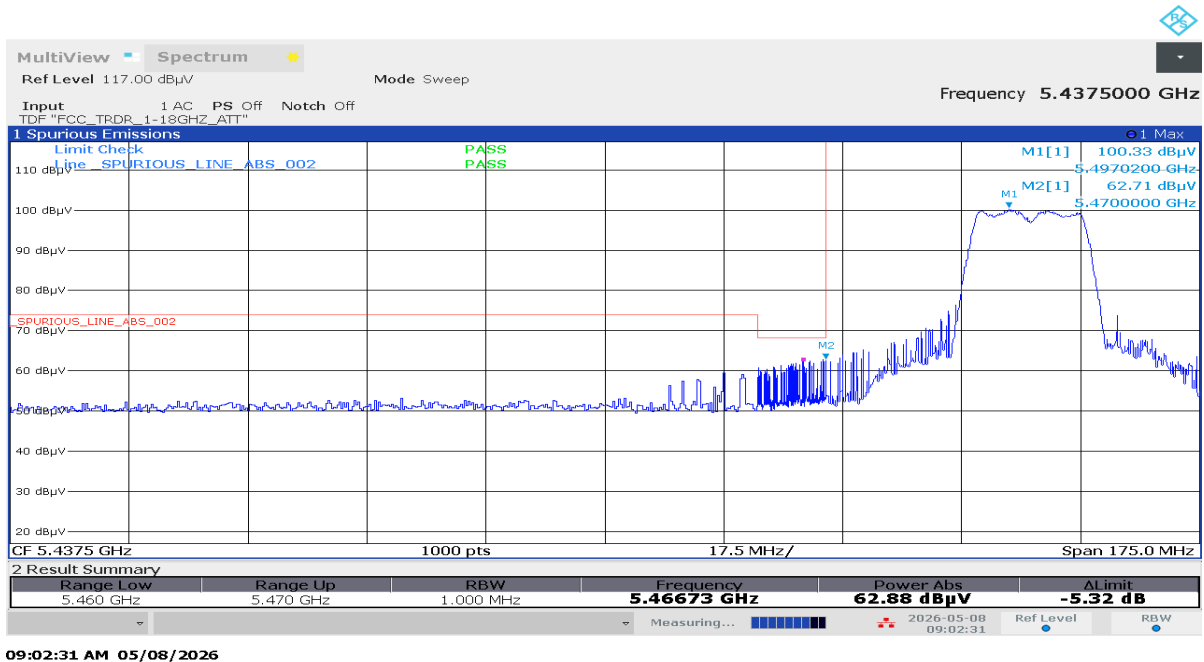
NOTE :

- 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 : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	58.93	68.20	9.27
Horizontal	Peak	5725.0000	56.86	68.20	11.34
Vertical	Peak	5725.0500	58.93	68.20	9.27
Vertical	Peak	5725.4500	59.07	68.20	9.13
Horizontal	Peak	5725.9490	59.52	68.20	8.68
Vertical	Peak	5726.1490	59.83	68.20	8.37
Horizontal	Peak	5726.1490	58.92	68.20	9.28
Vertical	Peak	5727.0480	58.84	68.20	9.36
Horizontal	Peak	5727.1480	59.85	68.20	8.35
Vertical	Peak	5727.9470	58.23	68.20	9.97
Vertical	Peak	5728.4470	58.67	68.20	9.53
Horizontal	Peak	5728.4470	59.51	68.20	8.69
Horizontal	Peak	5729.1460	59.92	68.20	8.28
Vertical	Peak	5729.7450	58.79	68.20	9.41
Horizontal	Peak	5730.0450	60.42	68.20	7.78
Horizontal	Peak	5732.6430	59.16	68.20	9.04
Horizontal	Peak	5733.6420	58.93	68.20	9.27
Horizontal	Peak	5734.6410	59.20	68.20	9.00
Horizontal	Peak	5738.5370	58.68	68.20	9.52

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Sat, 9 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

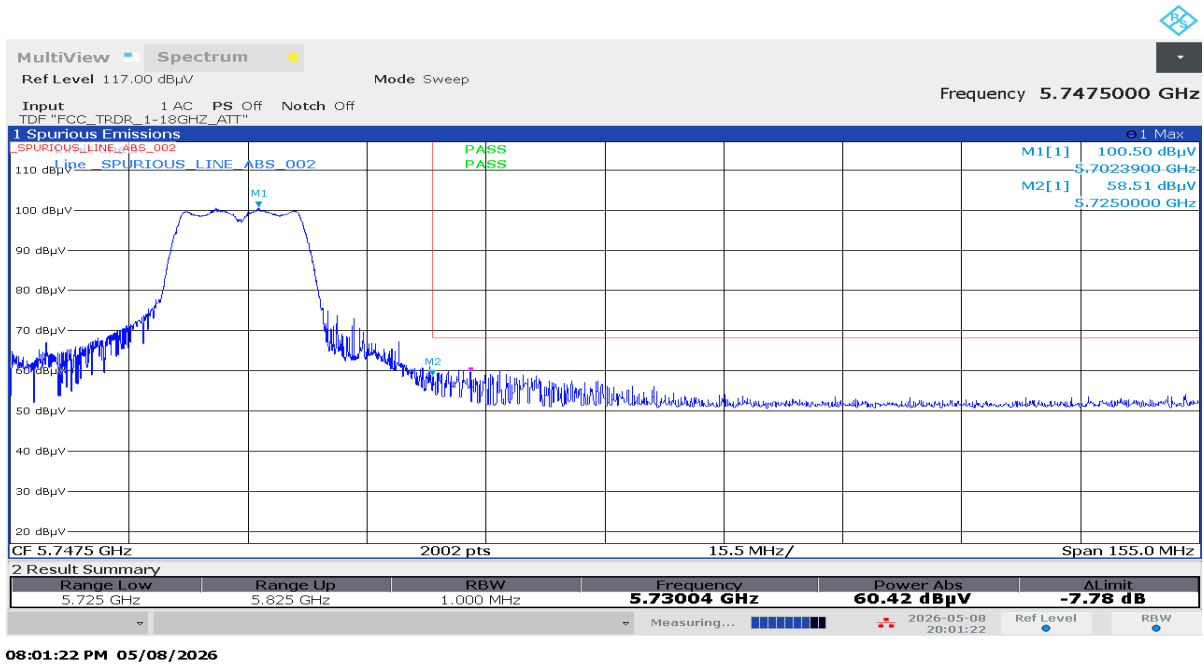
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

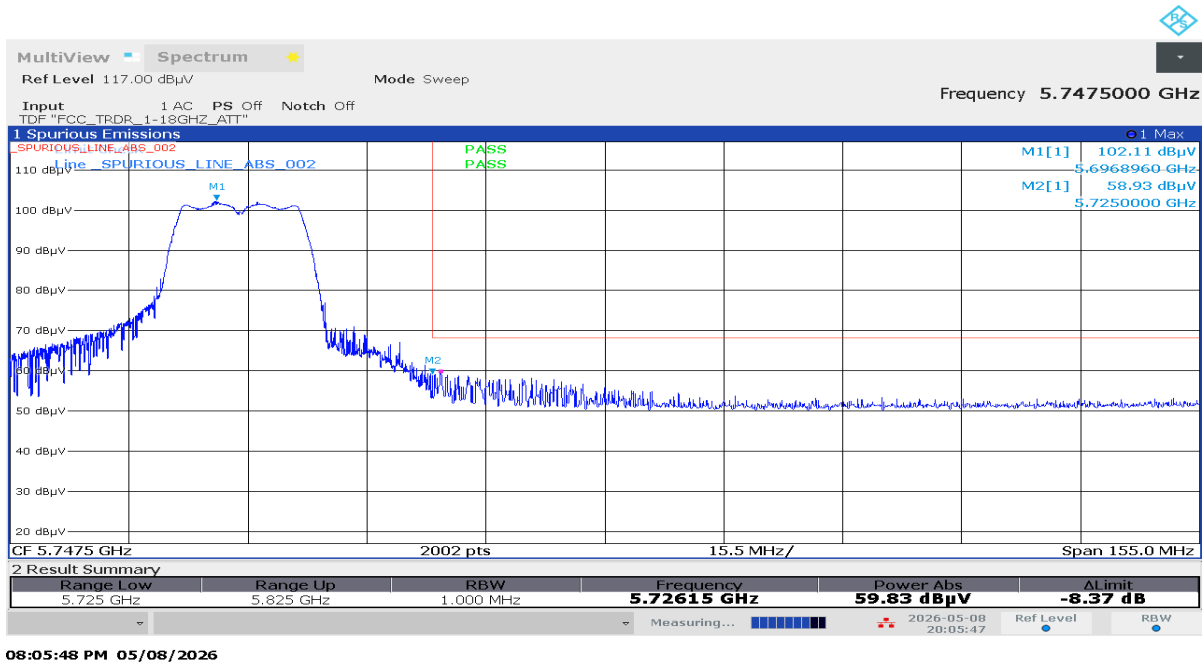
NOTE :

- 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 : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	Spur Level	Limit	Margin (dB)
Vertical	Peak	No Spurious Emission Detected			
Horizontal	Peak	No Spurious Emission Detected			

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 8 May, 2026
System MU :	null		

Remarks:

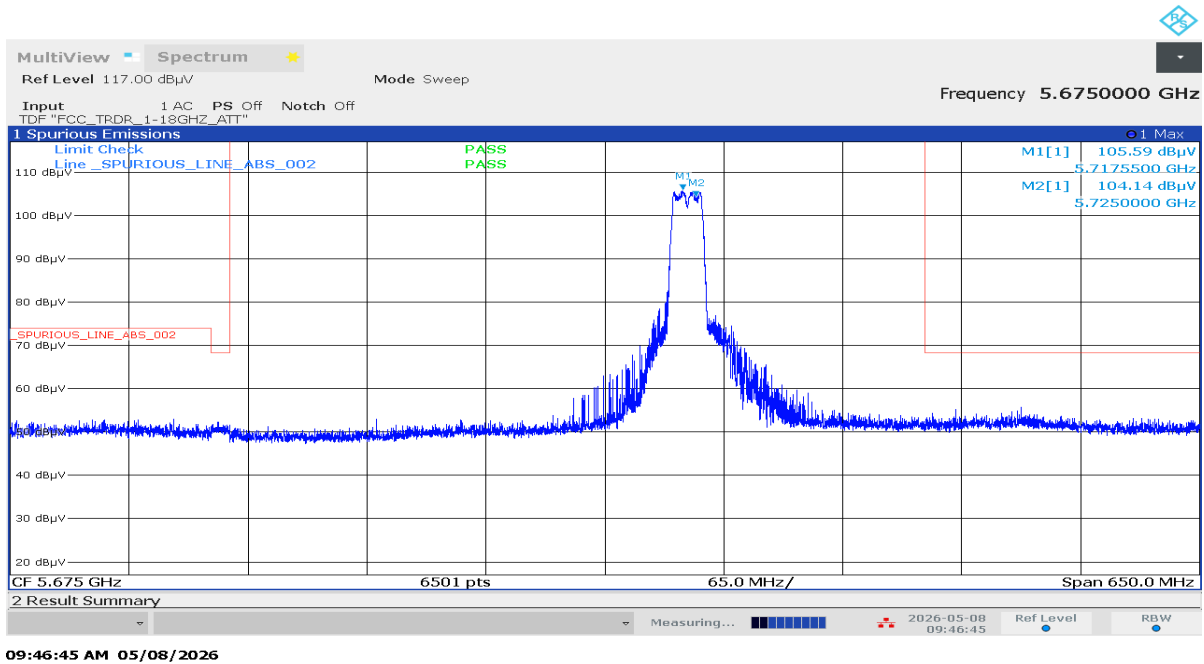
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

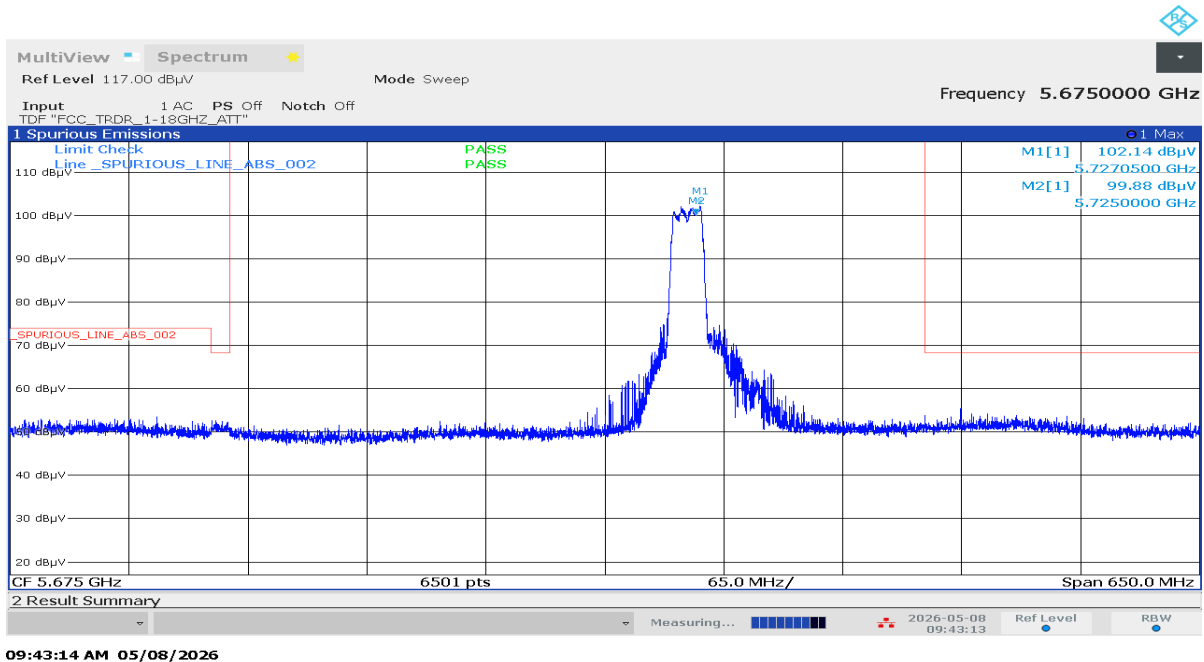
NOTE :

- 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 : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5745.0000	Softpot Power :	12.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	5725.0000	65.11 *	122.20	57.09
Horizontal	Peak	5725.0000	68.66 *	122.20	53.54

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 8 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

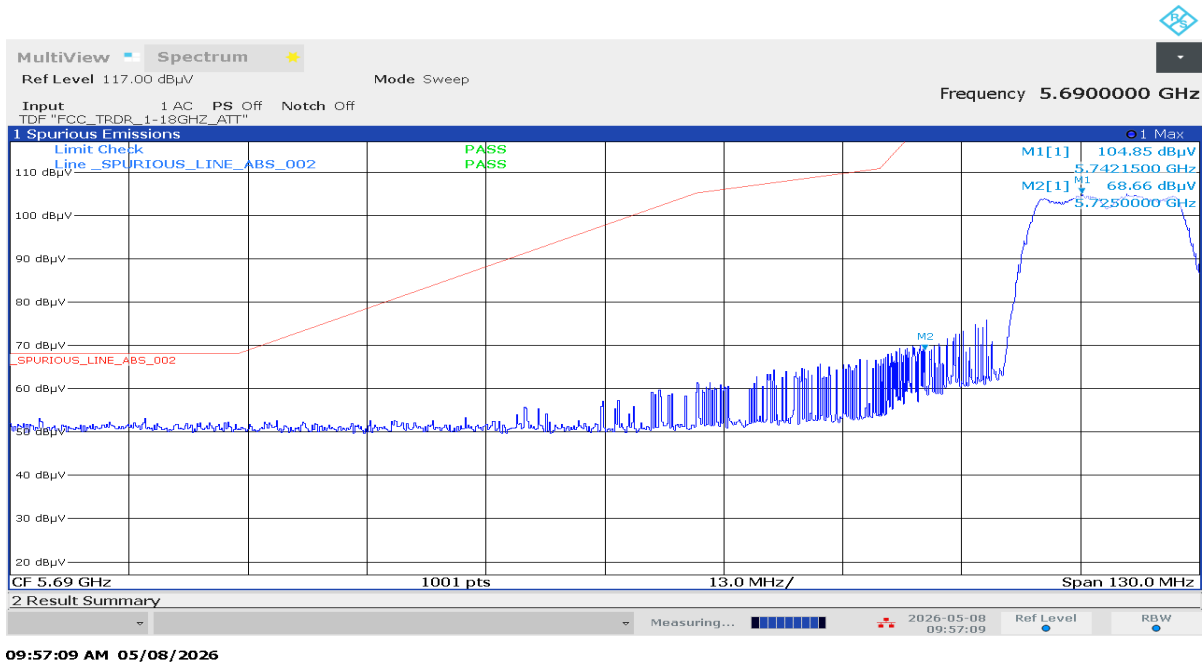
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

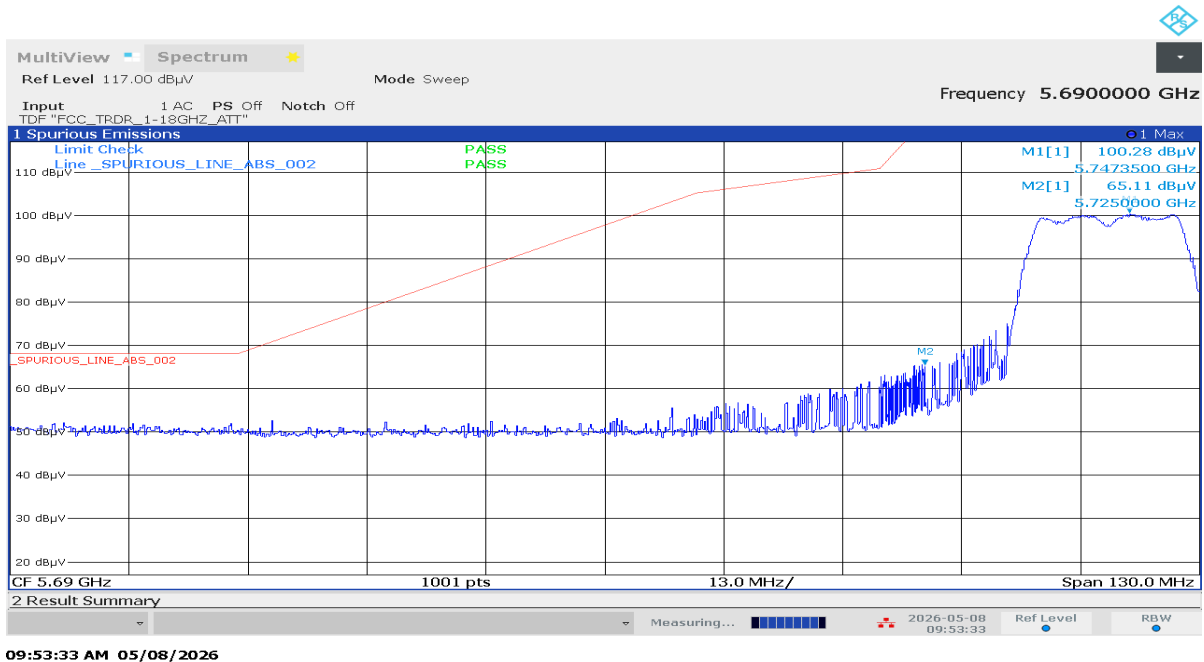
NOTE :

- 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 : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	Peak	5850.0000	61.82 *	122.20	60.38
Horizontal	Peak	5850.0000	66.04 *	122.20	56.16

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 8 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

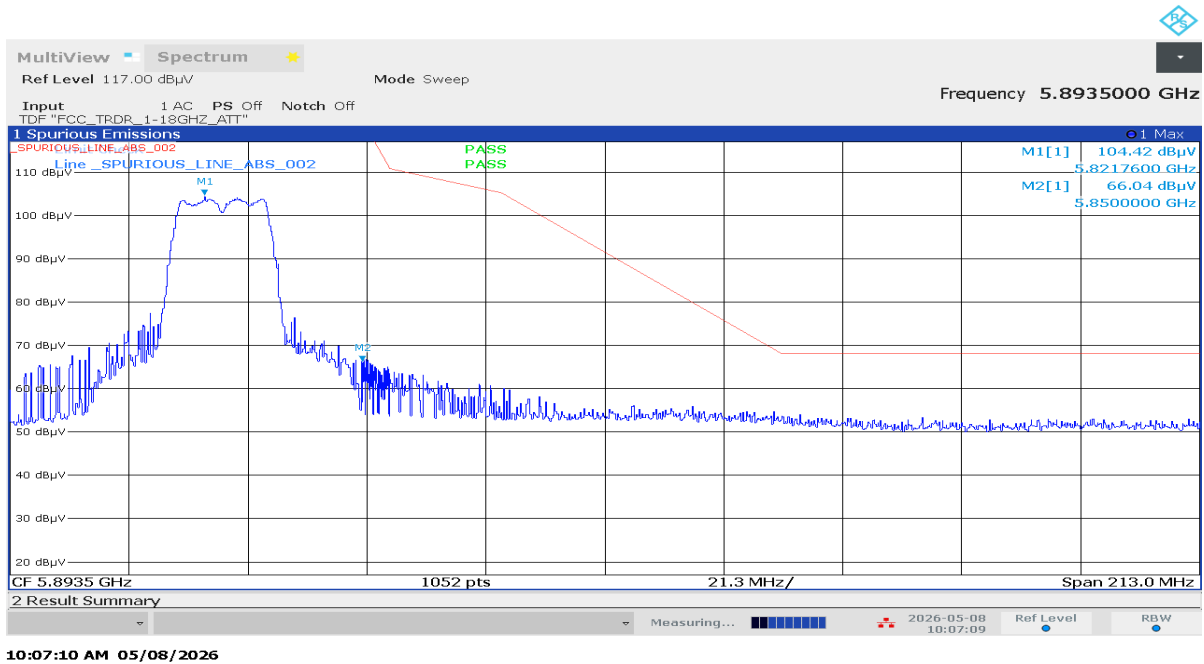
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

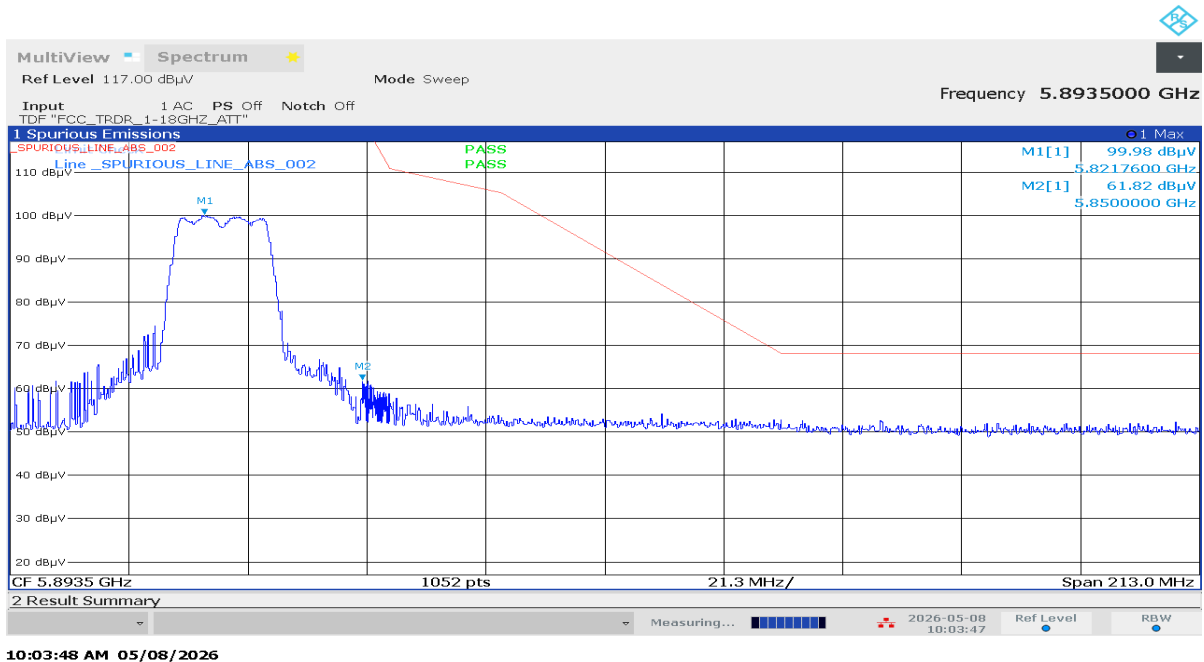
NOTE :

- 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)



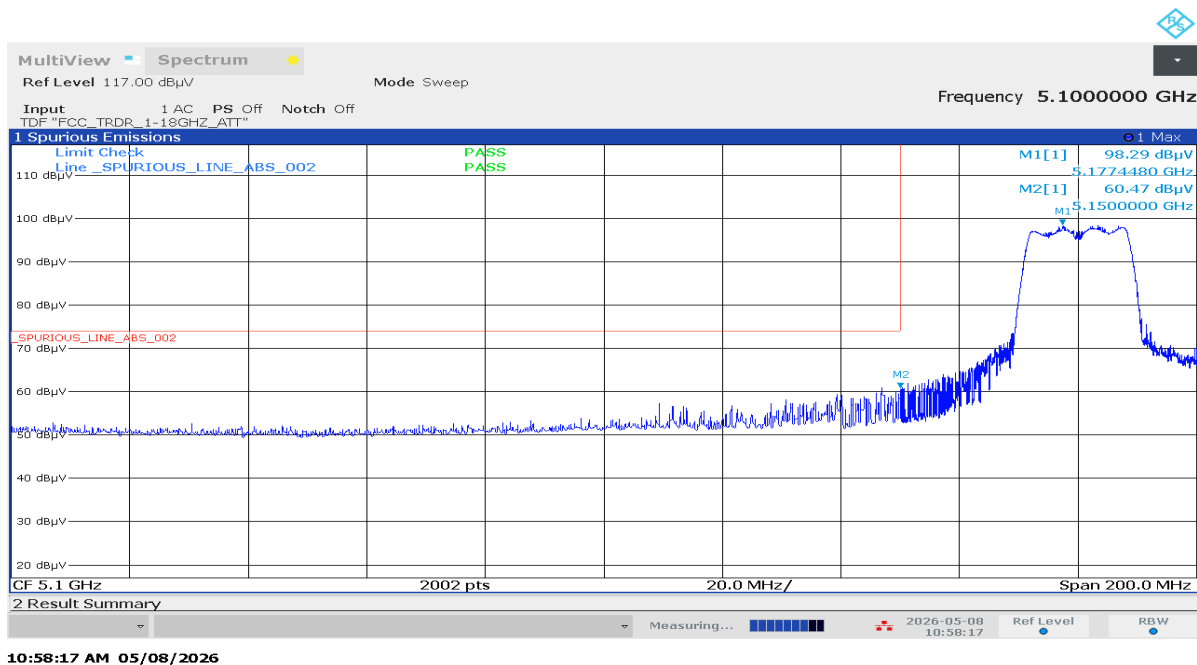
802.11n (HT20)

SAC TX Restricted Band-edge : 1468N00-EMC-00054

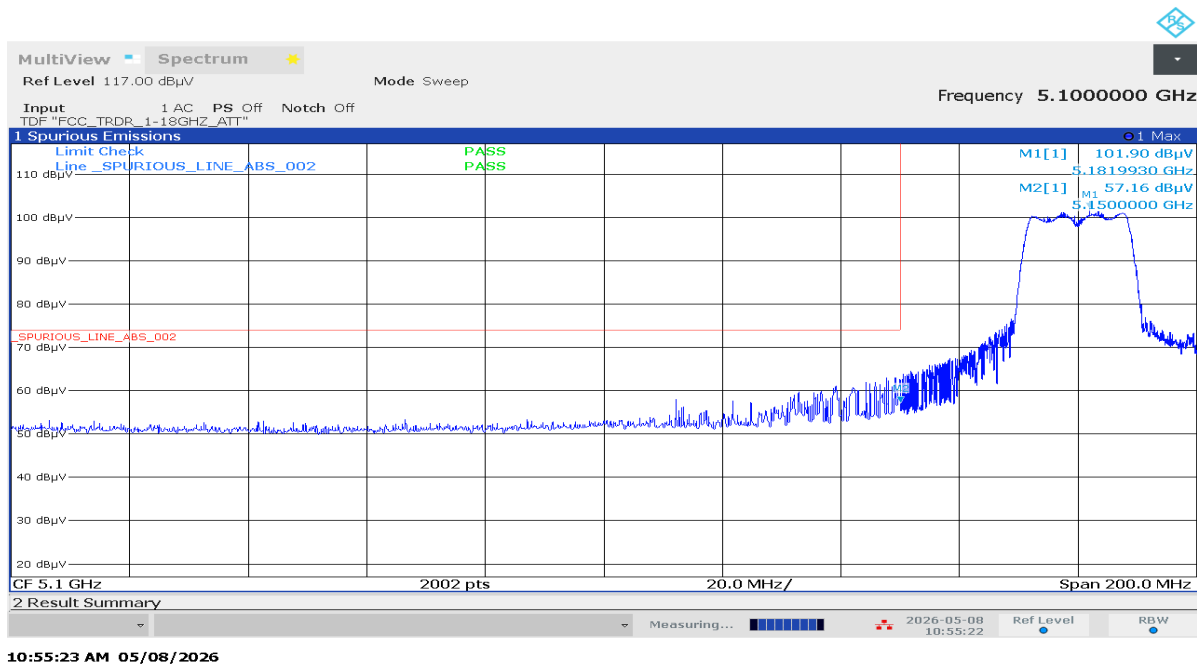
FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test 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	5100.7740	42.09	54.00	11.91
Vertical	Average	5103.6220	42.13	54.00	11.87
Vertical	Average	5105.2700	42.23	54.00	11.77
Vertical	Average	5107.6670	42.14	54.00	11.86
Vertical	Average	5110.5150	42.10	54.00	11.90
Vertical	Average	5118.6060	42.20	54.00	11.80
Vertical	Average	5120.1050	42.11	54.00	11.89
Vertical	Average	5120.7040	42.10	54.00	11.90
Vertical	Average	5122.6520	42.13	54.00	11.87
Horizontal	Average	5141.5340	42.06	54.00	11.94
Horizontal	Average	5149.3260	43.08	54.00	10.92
Vertical	Average	5149.4760	43.52	54.00	10.48
Vertical	Average	5150.0000	43.48	54.00	10.52
Horizontal	Average	5150.0000	43.14	54.00	10.86
Vertical	Peak	5150.0000	57.16	74.00	16.84
Horizontal	Peak	5150.0000	60.47	74.00	13.53

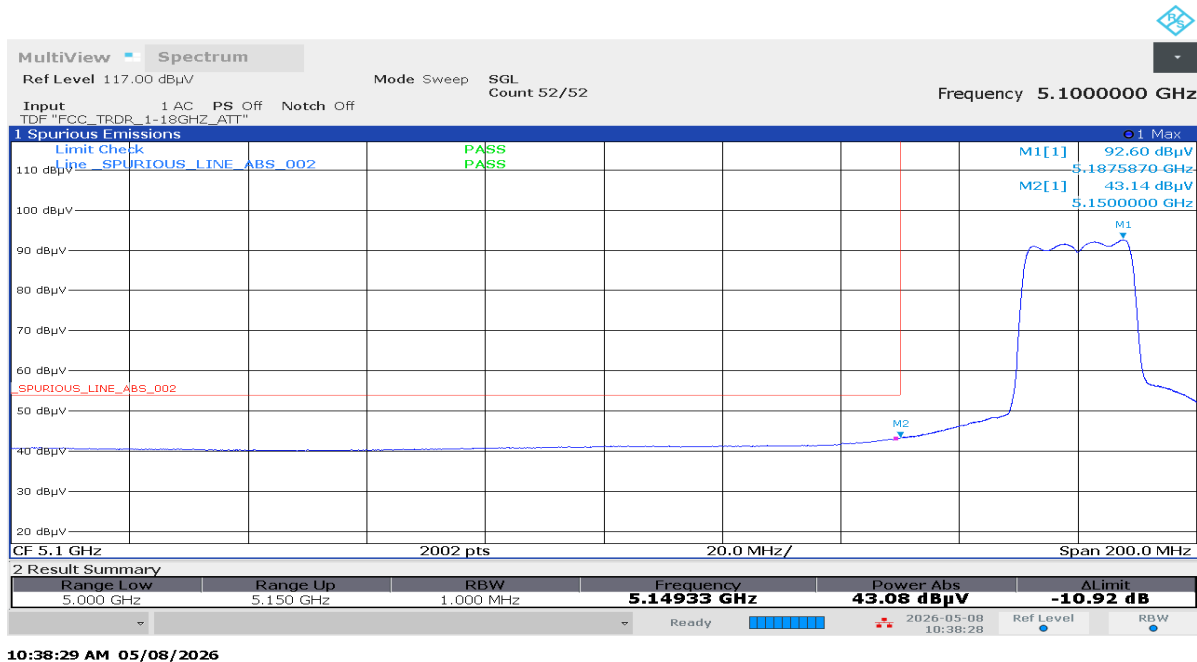
Restricted Band Edge (Peak,Horizontal)



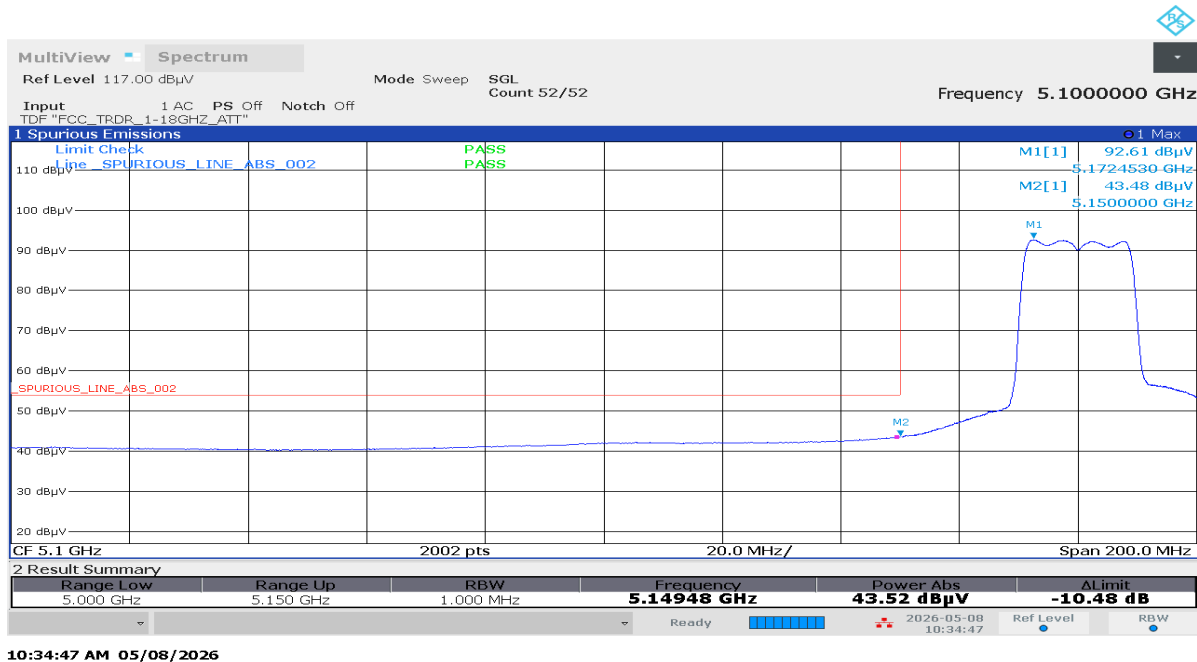
Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average,Vertical)



SAC TX Restricted Band-edge : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	43.89	54.00	10.11
Horizontal	Average	5350.0000	45.71	54.00	8.29
Vertical	Peak	5350.0000	55.48	74.00	18.52
Horizontal	Peak	5350.0000	56.12	74.00	17.88
Horizontal	Average	5350.0750	45.71	54.00	8.29
Vertical	Average	5350.1250	43.96	54.00	10.04
Vertical	Average	5360.6140	42.03	54.00	11.97
Vertical	Average	5361.3130	42.04	54.00	11.96
Vertical	Average	5361.4630	42.04	54.00	11.96
Horizontal	Average	5382.8420	42.25	54.00	11.75
Horizontal	Average	5386.0390	42.22	54.00	11.78
Horizontal	Average	5388.4860	42.17	54.00	11.83
Horizontal	Average	5390.6340	42.19	54.00	11.81
Horizontal	Average	5392.6820	42.22	54.00	11.78
Horizontal	Average	5396.9280	42.16	54.00	11.84
Horizontal	Average	5398.0770	42.16	54.00	11.84
Horizontal	Average	5398.3270	42.25	54.00	11.75
Horizontal	Average	5399.9250	42.08	54.00	11.92

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 8 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

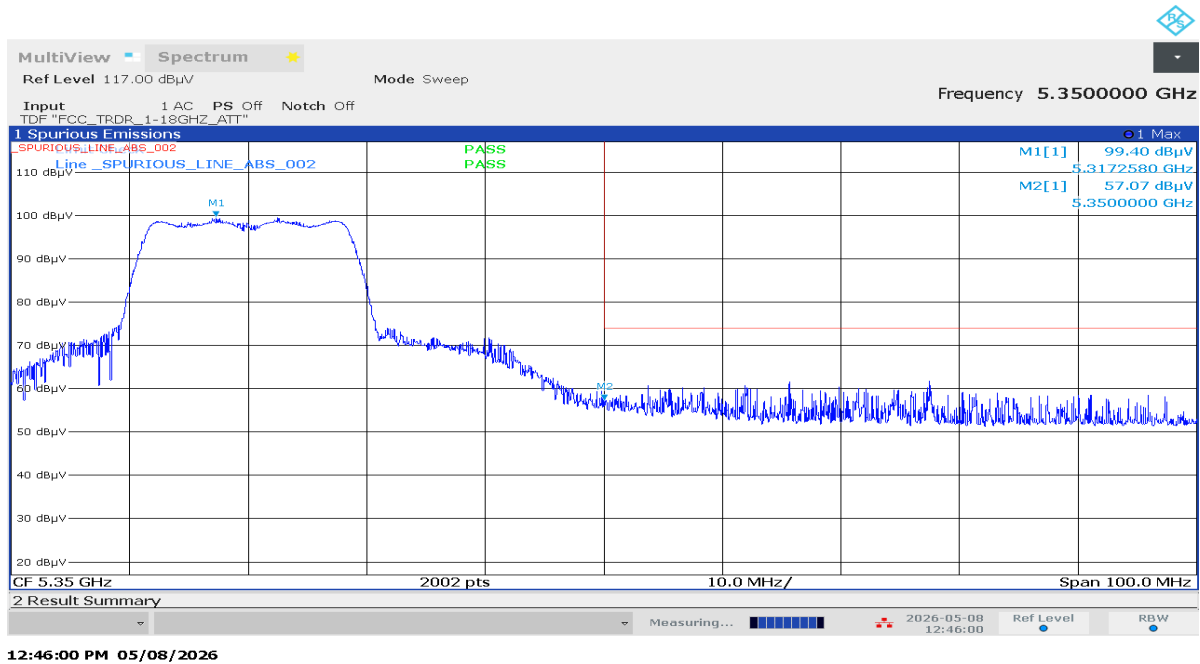
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

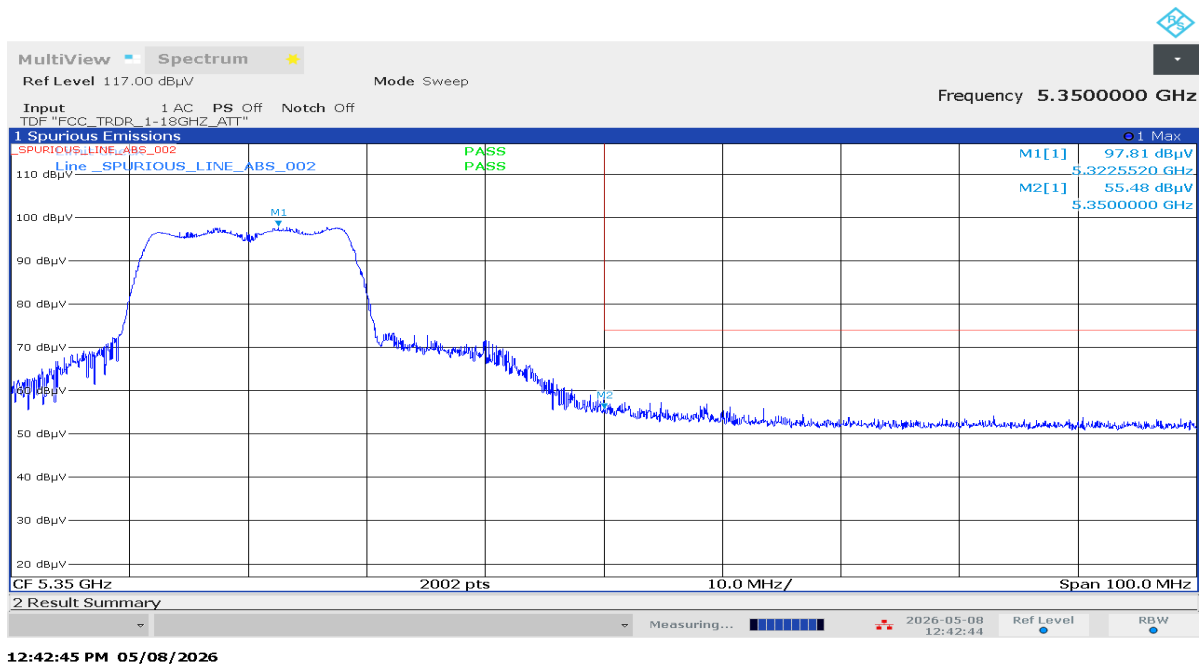
NOTE :

- 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 : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000 (kHz) :
Test Frequency (MHz) : 5500.0000 Softpot Power : 12.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	5466.8750	61.38	68.20	6.82
Vertical	Peak	5467.5250	61.91	68.20	6.29
Vertical	Peak	5467.8750	61.99	68.20	6.21
Vertical	Peak	5468.2250	61.84	68.20	6.36
Vertical	Peak	5468.4750	61.43	68.20	6.77
Vertical	Peak	5469.0250	60.69	68.20	7.51
Vertical	Peak	5469.1750	61.97	68.20	6.23
Vertical	Peak	5469.3250	61.61	68.20	6.59
Vertical	Peak	5469.6250	61.99	68.20	6.21
Horizontal	Peak	5469.6250	58.48	68.20	9.72
Vertical	Peak	5469.8250	62.97	68.20	5.23
Vertical	Average	5470.0000	41.15	54.00	12.85
Horizontal	Average	5470.0000	41.24	54.00	12.76
Vertical	Peak	5470.0000	51.69	68.20	16.51
Horizontal	Peak	5470.0000	49.84	68.20	18.36

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 8 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

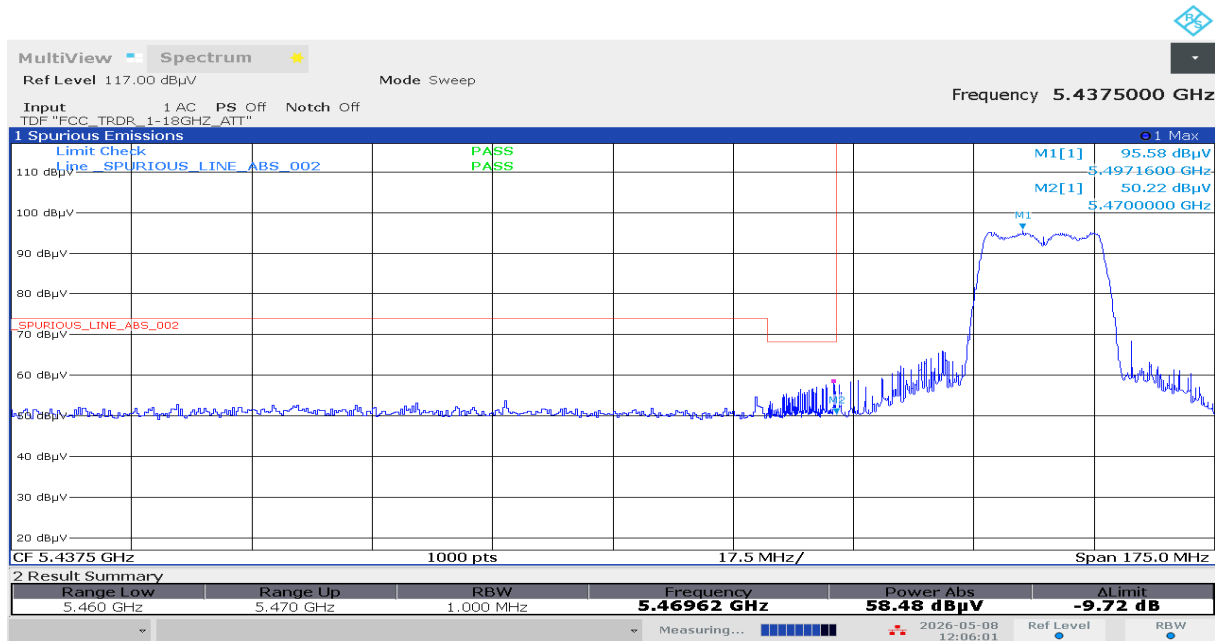
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

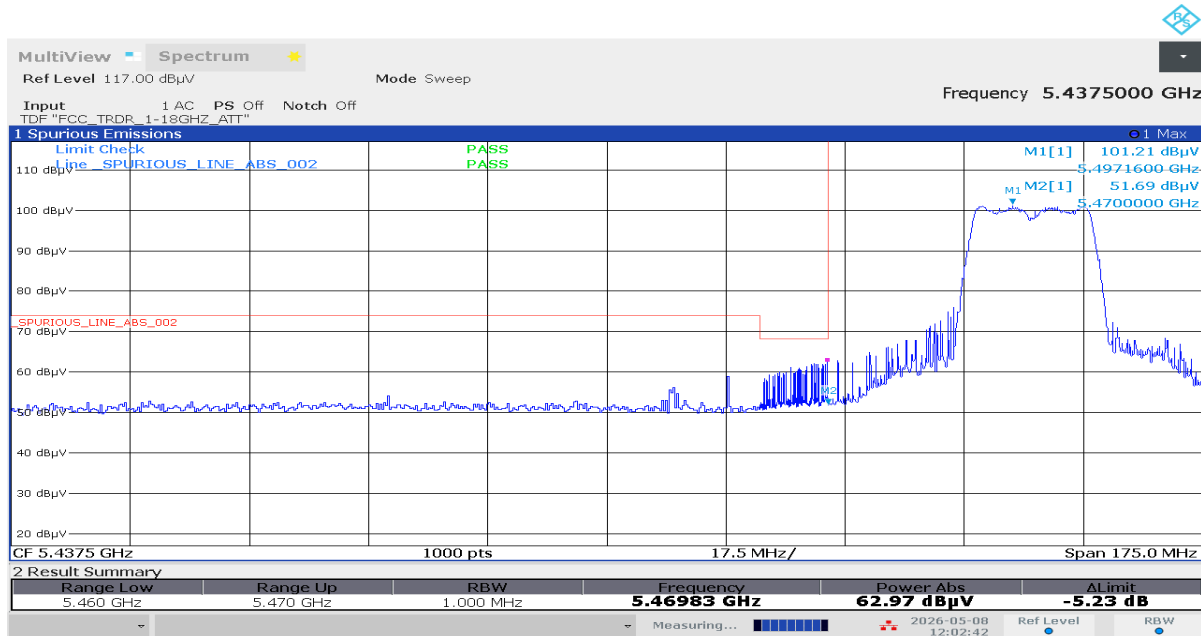
- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



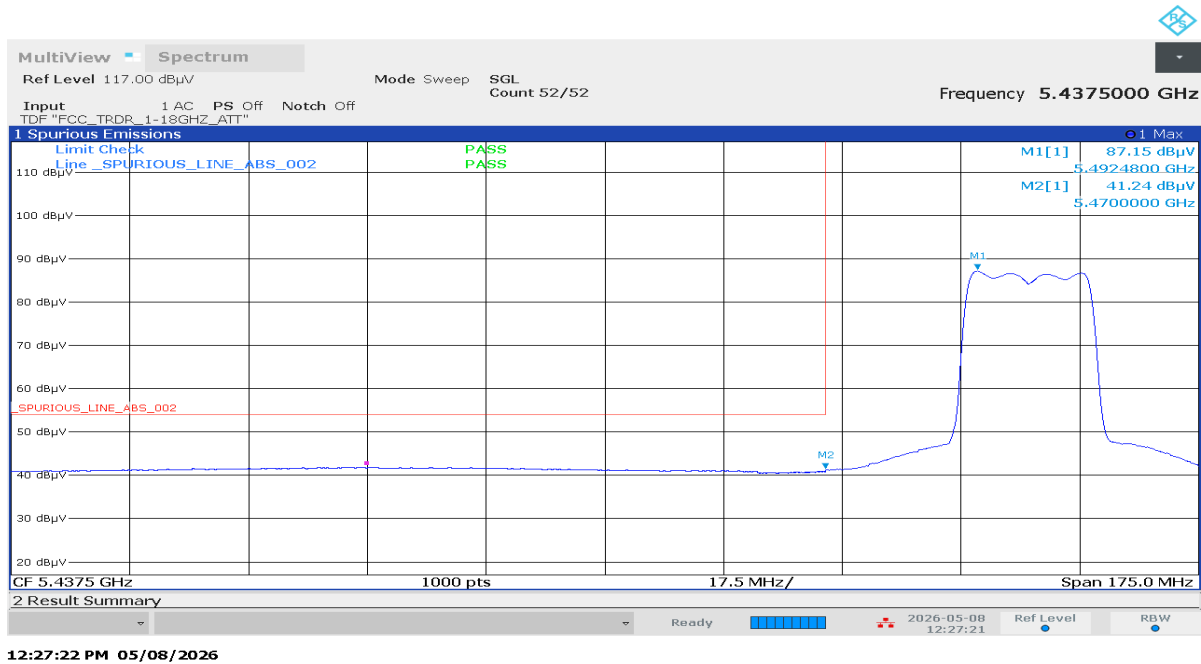
12:06:02 PM 05/08/2026

Restricted Band Edge (Peak,Vertical)

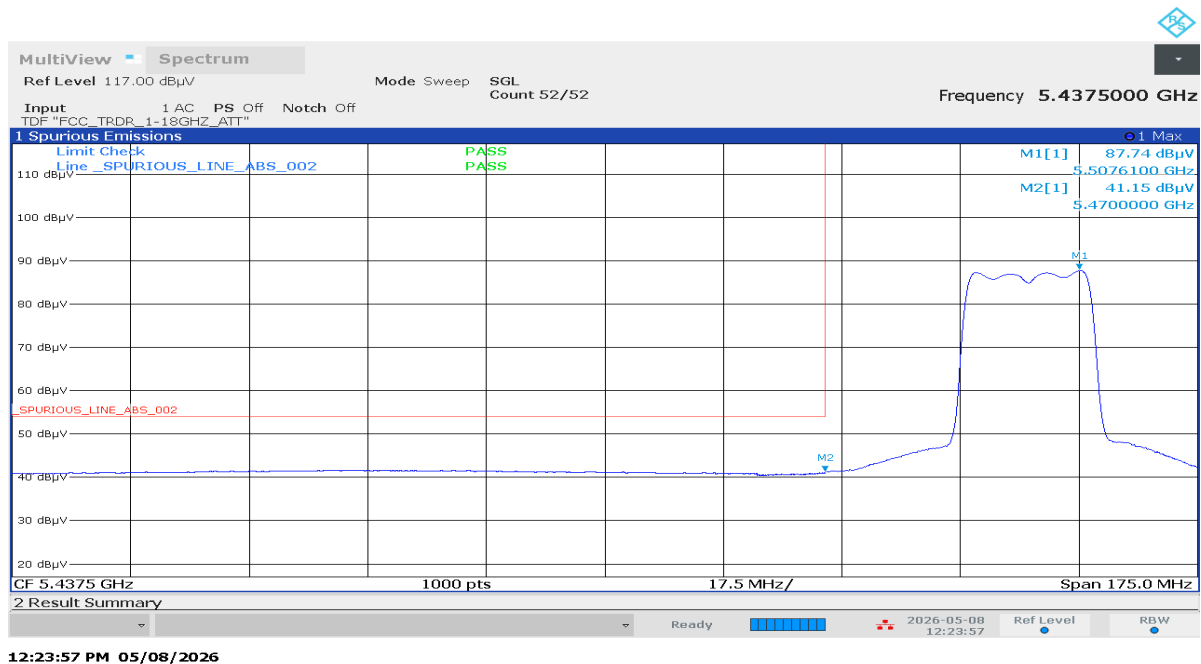


12:02:42 PM 05/08/2026

Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average,Vertical)



SAC TX Restricted Band-edge : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000 (kHz) :
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	57.49	68.20	10.71
Horizontal	Peak	5725.0000	54.54	68.20	13.66
Vertical	Peak	5725.8490	59.58	68.20	8.62
Horizontal	Peak	5726.0490	60.08	68.20	8.12
Horizontal	Peak	5726.6480	61.45	68.20	6.75
Vertical	Peak	5726.9480	58.95	68.20	9.25
Vertical	Peak	5727.4480	59.12	68.20	9.08
Vertical	Peak	5727.7470	59.20	68.20	9.00
Vertical	Peak	5728.0470	59.92	68.20	8.28
Horizontal	Peak	5728.5460	59.93	68.20	8.27
Vertical	Peak	5728.6460	59.22	68.20	8.98
Vertical	Peak	5729.9450	60.41	68.20	7.79
Vertical	Peak	5730.5440	58.48	68.20	9.72
Vertical	Peak	5731.8430	58.99	68.20	9.21
Vertical	Peak	5732.8420	59.00	68.20	9.20
Horizontal	Peak	5744.0310	59.78	68.20	8.42
Horizontal	Peak	5744.3310	59.89	68.20	8.31
Horizontal	Peak	5762.3130	60.00	68.20	8.20
Horizontal	Peak	5762.7120	62.42	68.20	5.78
Horizontal	Peak	5765.0100	60.34	68.20	7.86
Horizontal	Peak	5779.6950	61.39	68.20	6.81
Horizontal	Peak	5781.1940	58.59	68.20	9.61

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sat, 9 May, 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.

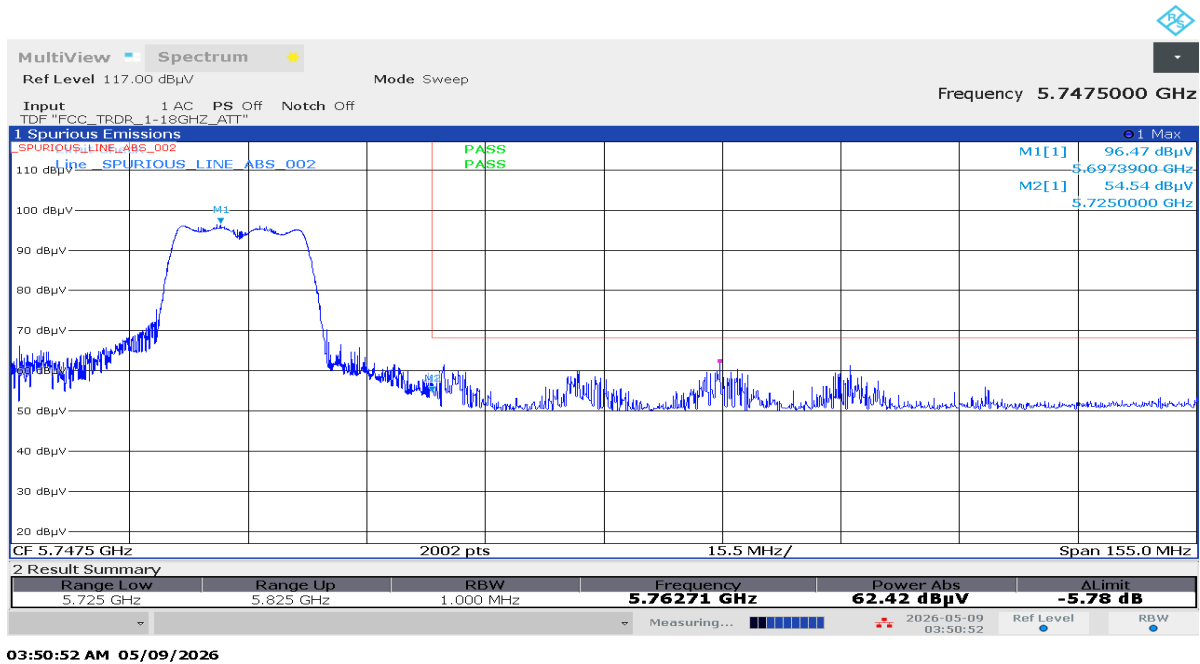
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

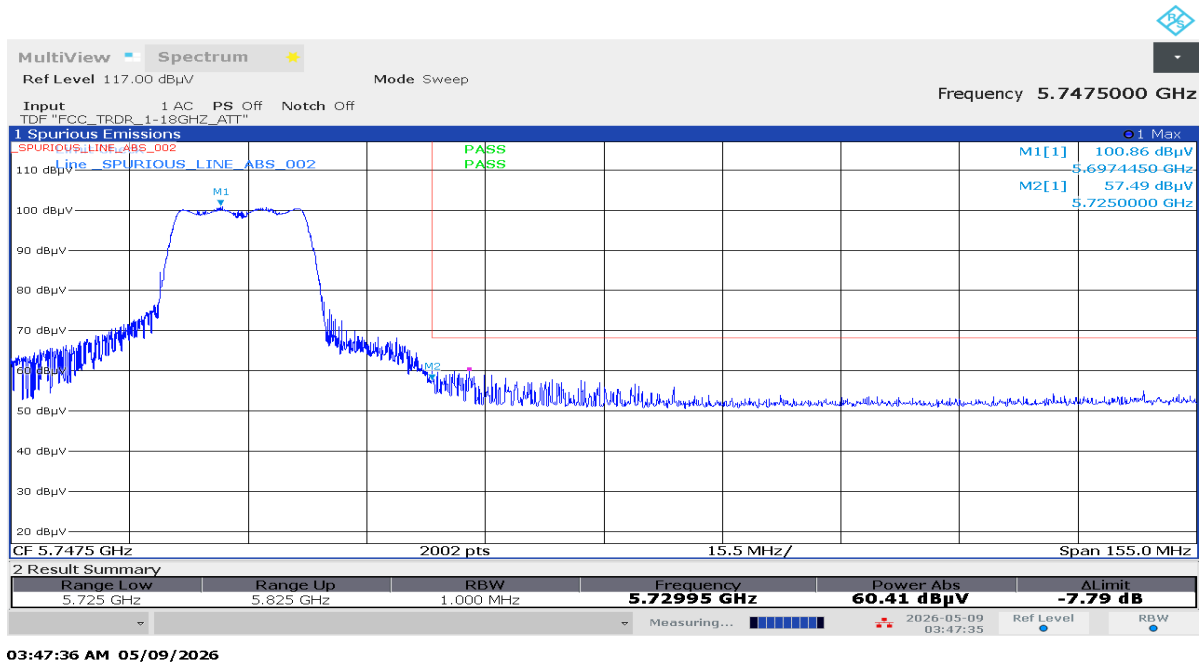
1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

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 : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	Spur Level	Limit	Margin (dB)
Vertical	Peak	No Spurious Emission Detected			
Horizontal	Peak	No Spurious Emission Detected			

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 8 May, 2026
System MU :	null		

Remarks:

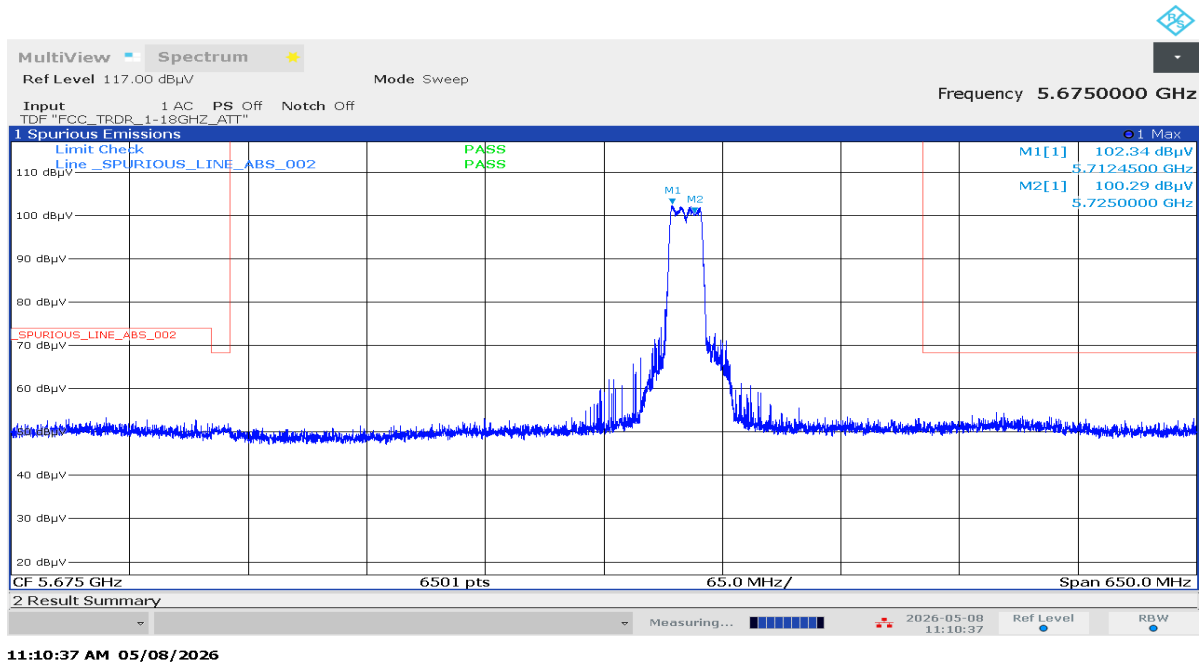
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

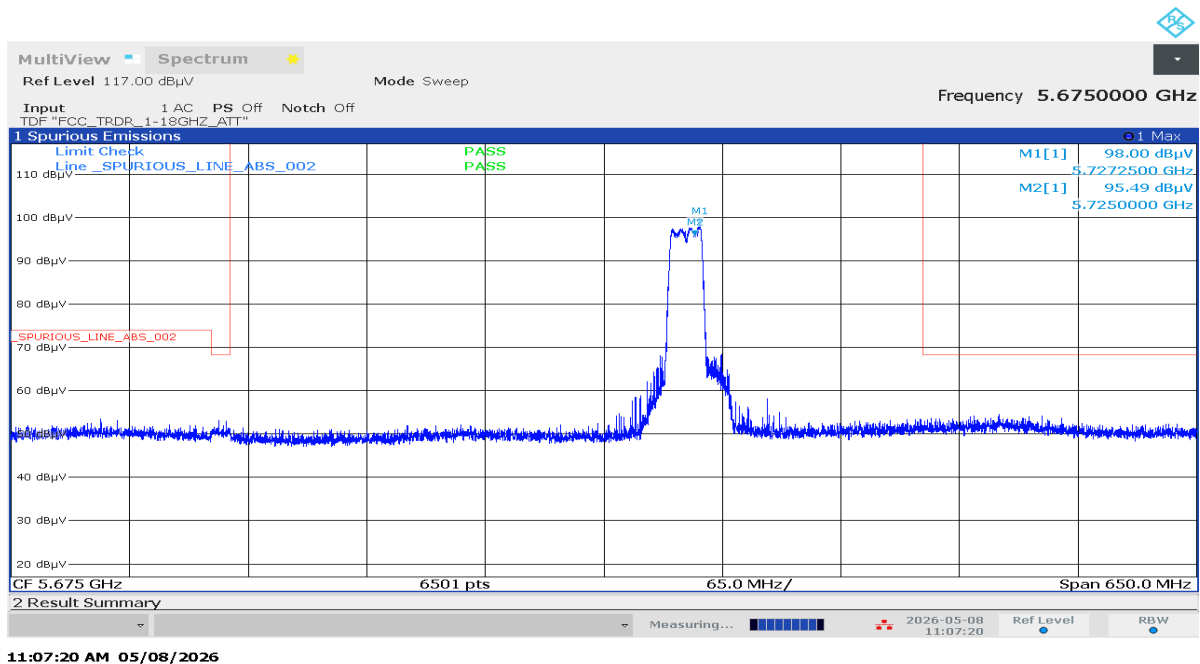
NOTE :

- 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 : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1,
PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000
(kHz) :
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	60.11 *	122.20	62.09
Horizontal	Peak	5725.0000	56.32 *	122.20	65.88

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 8 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

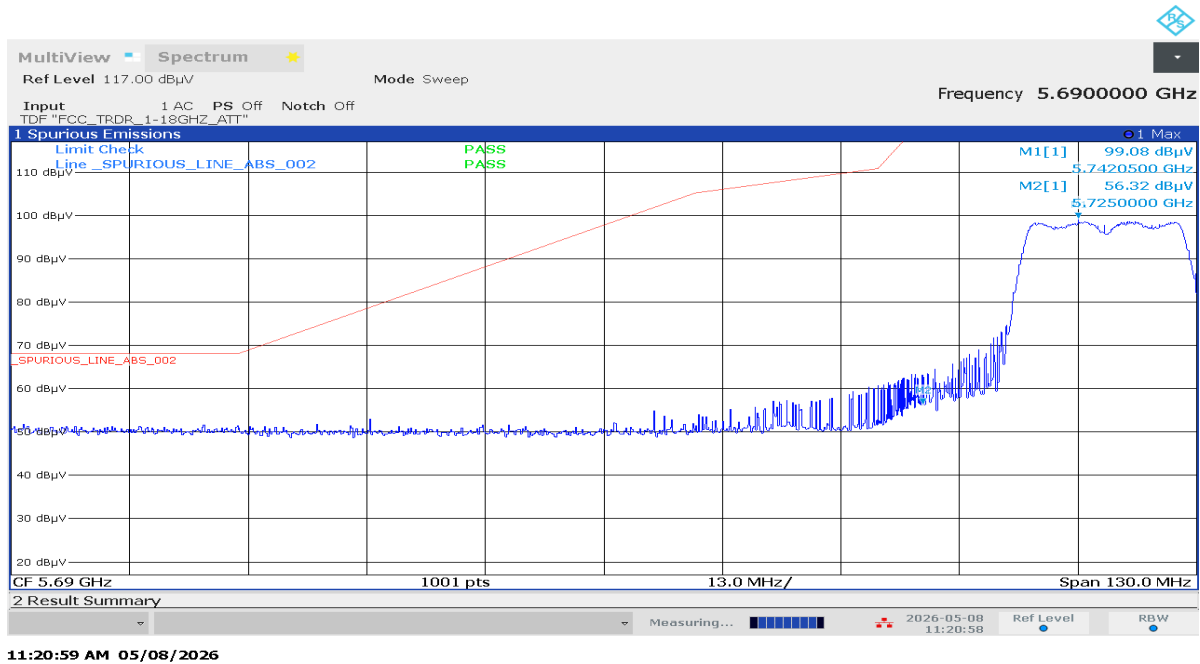
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

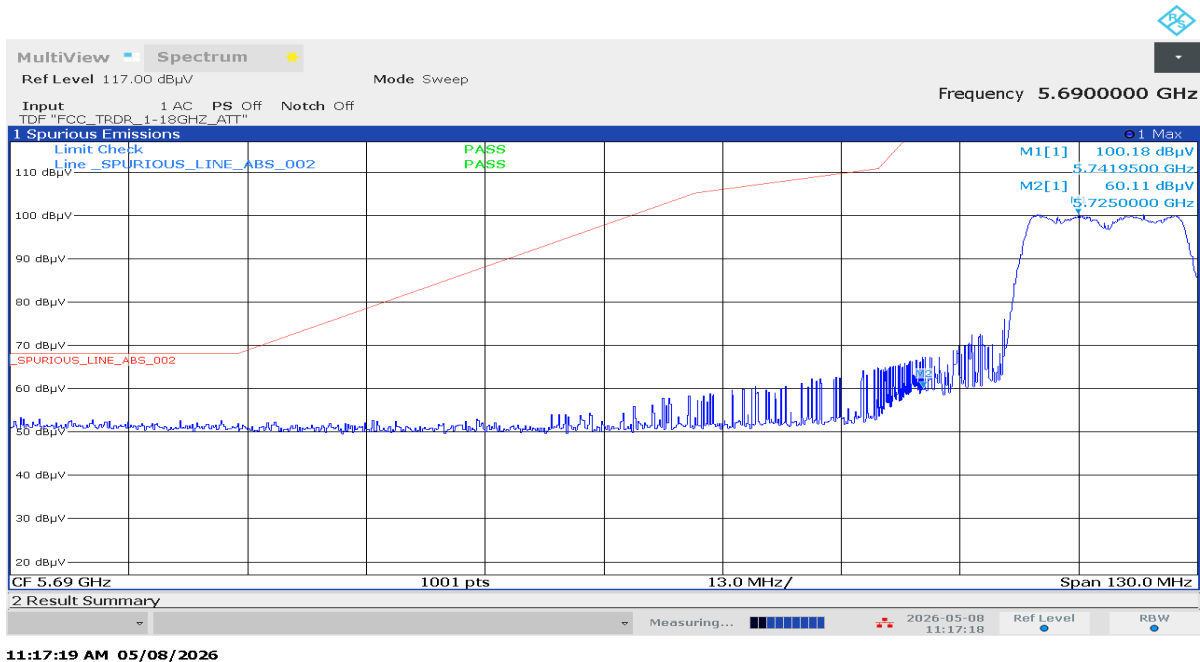
NOTE :

- 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 : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1,
PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000
(kHz) :
Test Frequency (MHz) : 5825.0000 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	5850.0000	60.85 *	122.20	61.35
Horizontal	Peak	5850.0000	58.47 *	122.20	63.73

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 8 May, 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)



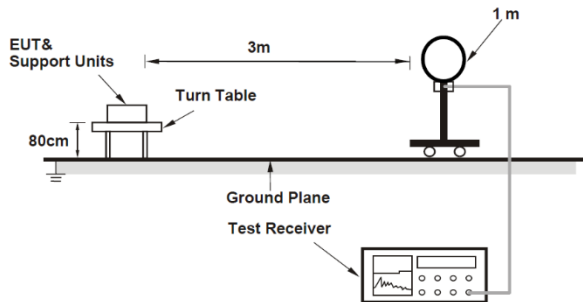
Restricted Band Edge (Peak,Vertical)



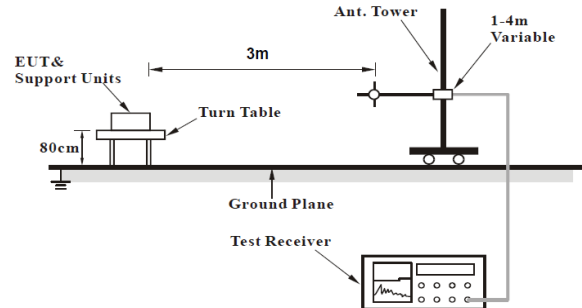
7.7. Radiated Spurious Emission Measurement

7.7.1. Test Setup

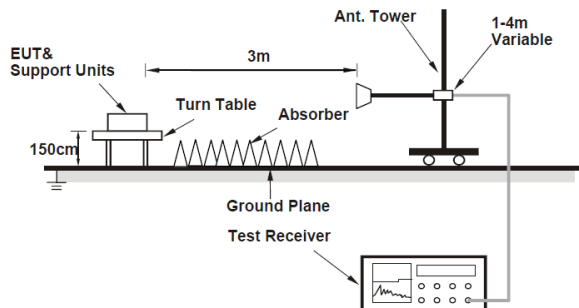
<Radiated emission below 30MHz>



<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.

7.7.2. 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:

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

7.7.3. Test Data

802.11a

SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
Test Frequency (MHz) : 5180.0000 Softpot Power : 15.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	50.9008	10.80 *	40.00	29.20
Vertical	Quasi-Peak	51.0047	16.20 *	40.00	23.80
Vertical	Quasi-Peak	55.9629	21.16	40.00	18.84
Horizontal	Quasi-Peak	56.0208	14.38 *	40.00	25.62
Vertical	Quasi-Peak	77.1860	26.47	40.00	13.53
Horizontal	Quasi-Peak	77.2060	28.81	40.00	11.19
Vertical	Quasi-Peak	148.0970	27.45	43.50	16.05
Horizontal	Quasi-Peak	148.1300	27.66	43.50	15.84
Vertical	Quasi-Peak	226.8591	18.77 *	46.00	27.23
Horizontal	Quasi-Peak	226.9020	26.32	46.00	19.68
Horizontal	Quasi-Peak	501.5820	30.18	46.00	15.82
Vertical	Quasi-Peak	501.6129	26.34	46.00	19.66

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

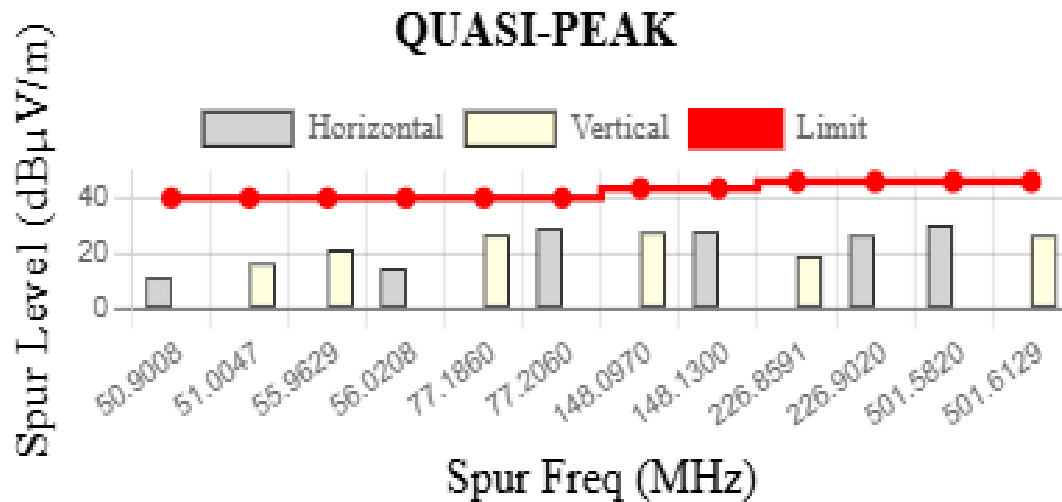
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
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	55.9111	17.15 *	40.00	22.85
Horizontal	Quasi-Peak	55.9111	13.30 *	40.00	26.70
Horizontal	Quasi-Peak	77.2030	29.57	40.00	10.43
Vertical	Quasi-Peak	77.2060	26.97	40.00	13.03
Vertical	Quasi-Peak	148.1060	27.75	43.50	15.75
Horizontal	Quasi-Peak	148.1390	26.33	43.50	17.17
Vertical	Quasi-Peak	501.5930	29.73	46.00	16.27
Horizontal	Quasi-Peak	501.6010	28.90	46.00	17.10
Horizontal	Quasi-Peak	950.0590	24.93 *	46.00	21.07
Vertical	Quasi-Peak	950.4246	19.87 *	46.00	26.13

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

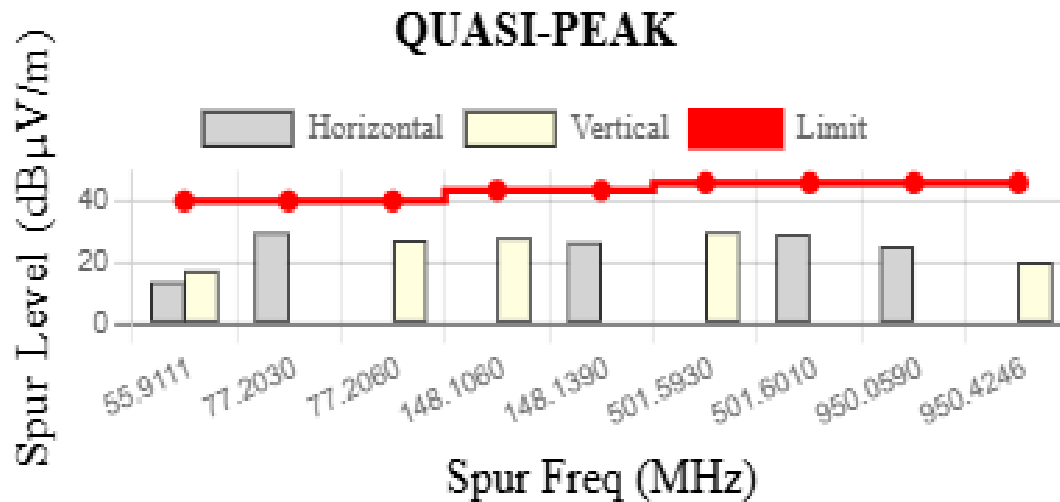
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
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)
Vertical	Quasi-Peak	77.2070	26.75	40.00	13.25
Horizontal	Quasi-Peak	77.2200	28.53	40.00	11.47
Horizontal	Quasi-Peak	148.1158	26.92	43.50	16.58
Vertical	Quasi-Peak	148.1318	27.43	43.50	16.07
Vertical	Quasi-Peak	226.8789	15.50 *	46.00	30.50
Horizontal	Quasi-Peak	226.8929	27.34	46.00	18.66
Vertical	Quasi-Peak	501.5900	29.85	46.00	16.15
Horizontal	Quasi-Peak	501.6069	29.07	46.00	16.93
Vertical	Quasi-Peak	849.9990	23.14 *	46.00	22.86
Horizontal	Quasi-Peak	850.0550	26.21	46.00	19.79
Horizontal	Peak	5002.8820	47.02 *	74.00	26.98
Horizontal	Average	5002.8820	29.85 *	54.00	24.15
Vertical	Peak	5003.0850	52.67 *	74.00	21.33
Vertical	Average	5003.0850	32.18 *	54.00	21.82
Vertical	Peak	5897.4490	47.52 *	68.20	20.68
Horizontal	Peak	5897.9630	49.27	68.20	18.93
Vertical	Peak	6032.2670	51.36	68.20	16.84
Horizontal	Peak	6032.4780	46.64 *	68.20	21.56

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

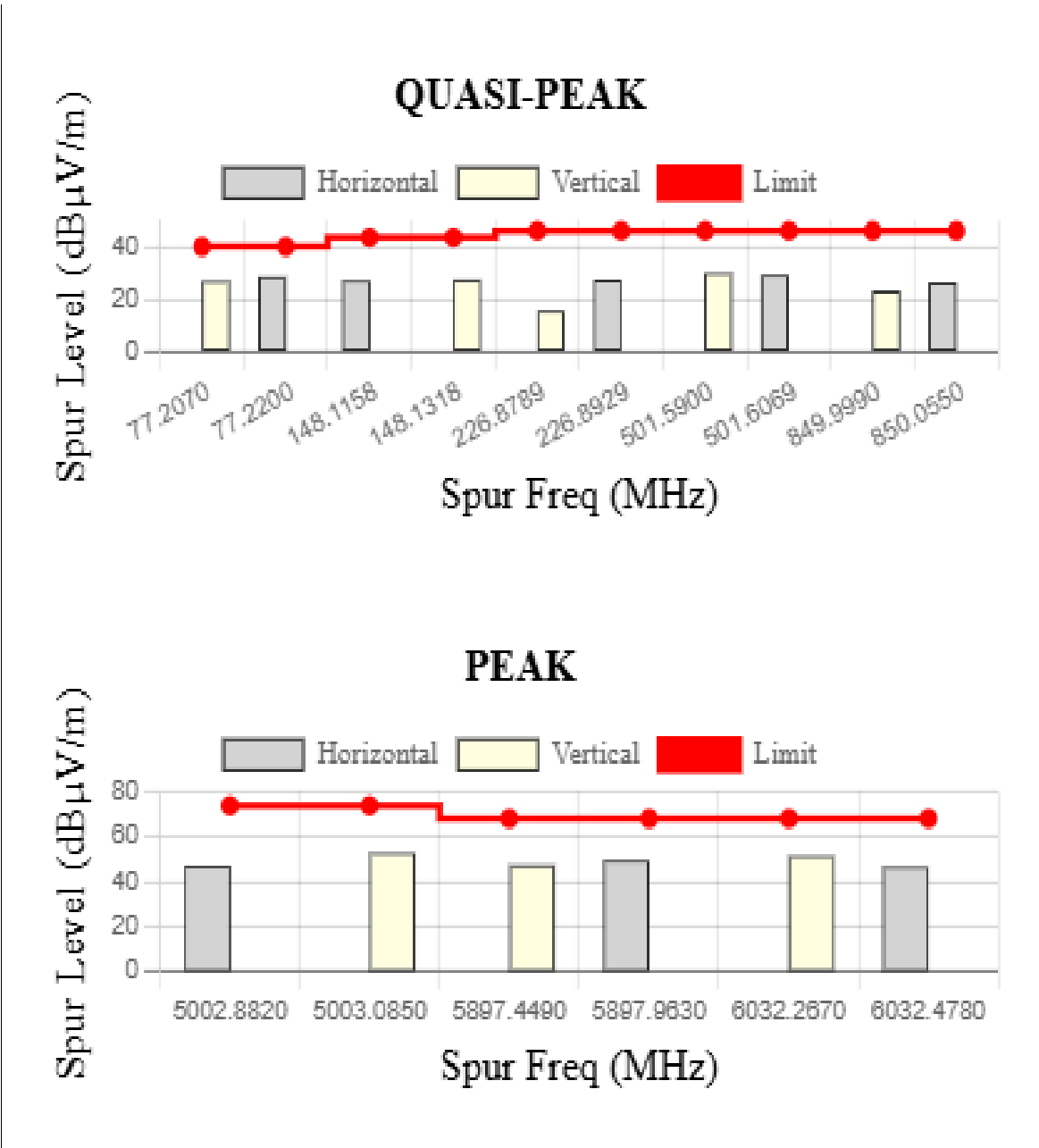
Remarks:

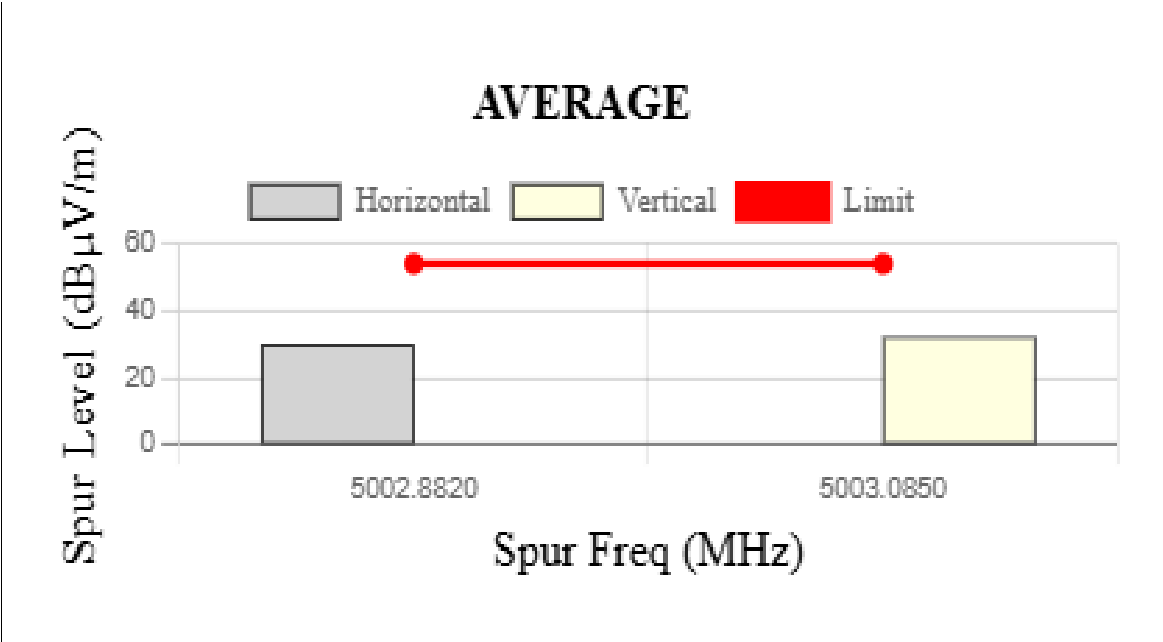
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
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	77.1950	27.15	40.00	12.85
Horizontal	Quasi-Peak	77.1960	29.59	40.00	10.41
Vertical	Quasi-Peak	148.1160	28.20	43.50	15.30
Horizontal	Quasi-Peak	148.1490	26.79	43.50	16.71
Horizontal	Quasi-Peak	226.8810	27.40	46.00	18.60
Vertical	Quasi-Peak	226.9140	15.31 *	46.00	30.69
Horizontal	Quasi-Peak	249.9990	27.29	46.00	18.71
Vertical	Quasi-Peak	250.0310	18.92 *	46.00	27.08
Vertical	Quasi-Peak	501.5880	29.40	46.00	16.60
Horizontal	Quasi-Peak	501.6069	28.96	46.00	17.04
Vertical	Peak	5913.0230	48.12 *	68.20	20.08
Horizontal	Peak	5913.5850	49.61	68.20	18.59

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

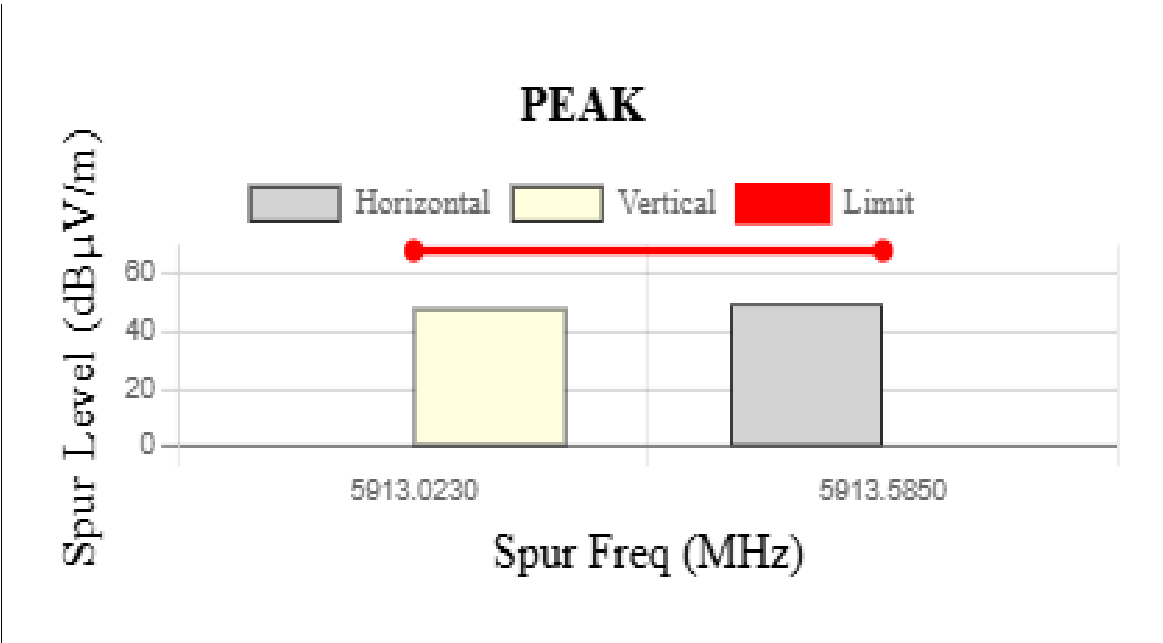
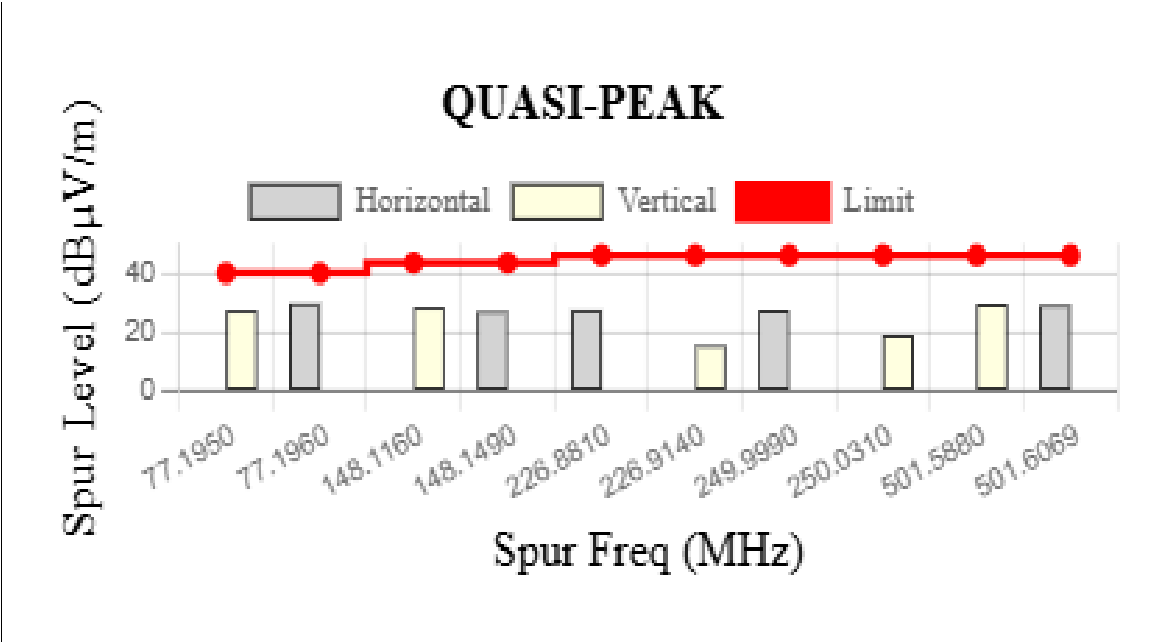
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	32.2492	19.02 *	40.00	20.98
Horizontal	Quasi-Peak	32.6558	18.64 *	40.00	21.36
Vertical	Quasi-Peak	77.1980	27.79	40.00	12.21
Horizontal	Quasi-Peak	77.2070	28.89	40.00	11.11
Vertical	Quasi-Peak	148.0930	26.33	43.50	17.17
Horizontal	Quasi-Peak	148.1210	24.16	43.50	19.34
Vertical	Quasi-Peak	226.9110	20.45 *	46.00	25.55
Horizontal	Quasi-Peak	226.9210	27.39	46.00	18.61
Horizontal	Quasi-Peak	501.6089	29.27	46.00	16.73
Vertical	Quasi-Peak	501.6219	28.92	46.00	17.08
Vertical	Quasi-Peak	950.0620	25.52 *	46.00	20.48
Horizontal	Quasi-Peak	950.0640	24.78 *	46.00	21.22
Vertical	Peak	4891.9120	49.41 *	74.00	24.59
Vertical	Average	4891.9120	31.56 *	54.00	22.44
Horizontal	Peak	4892.0980	47.96 *	74.00	26.04
Horizontal	Average	4892.0980	32.25 *	54.00	21.75

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Thu, 14 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

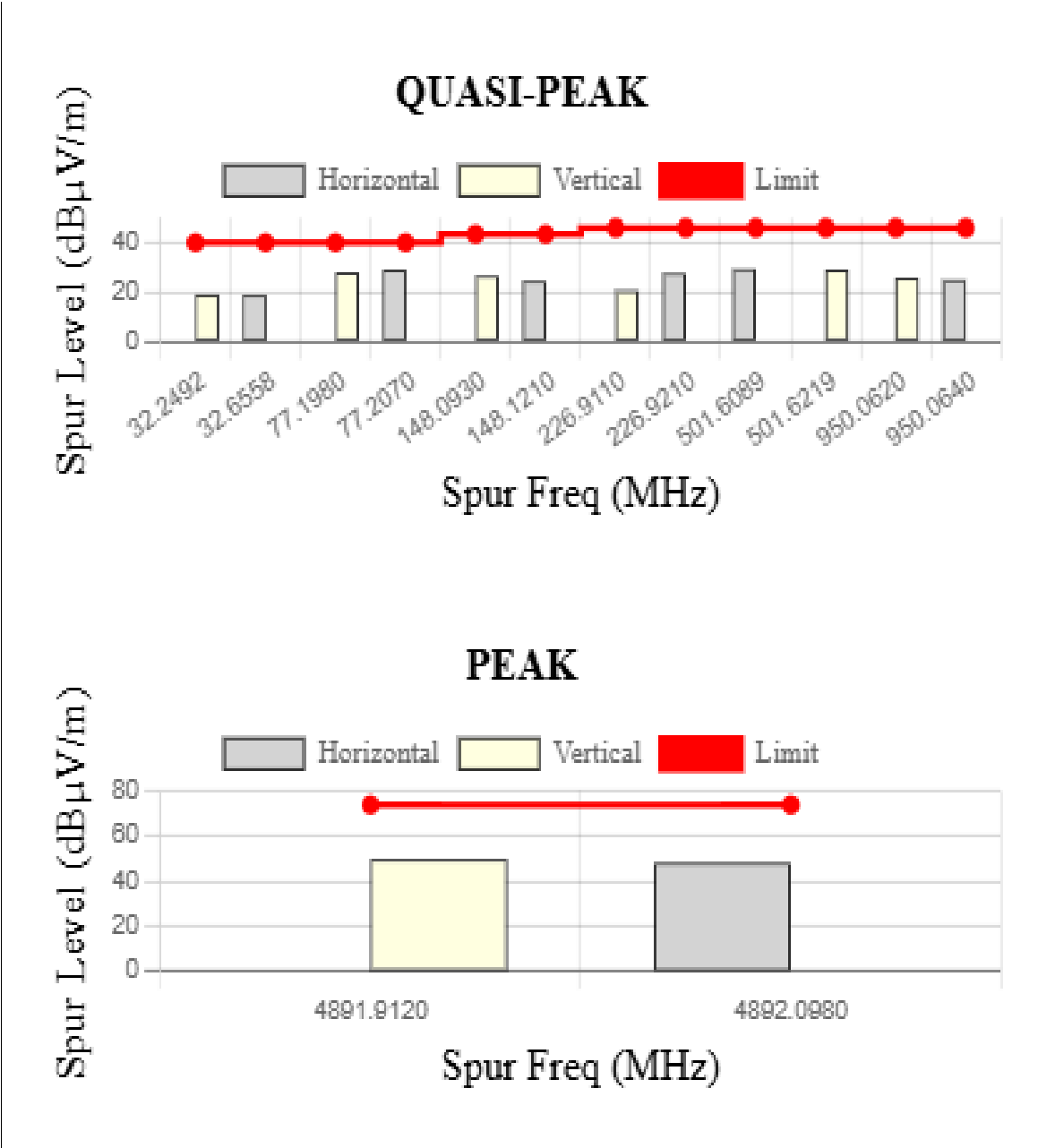
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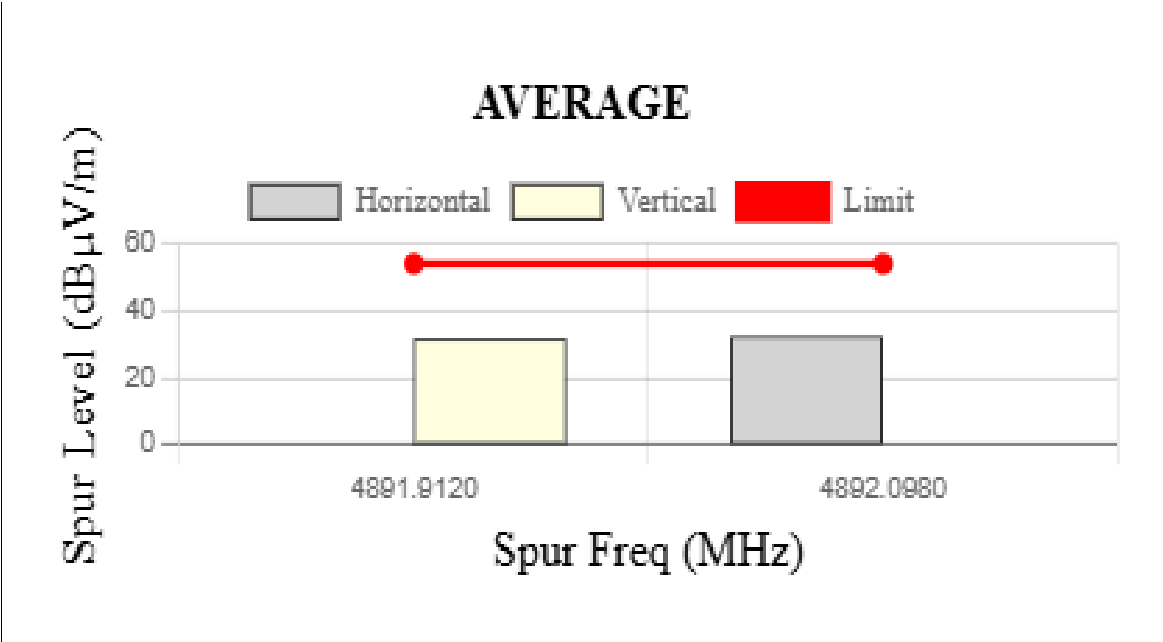
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11a	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5320.0000	Softpot Power :	14.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	32.7287	18.57 *	40.00	21.43
Vertical	Quasi-Peak	32.8636	19.36 *	40.00	20.64
Vertical	Quasi-Peak	77.2080	27.54	40.00	12.46
Horizontal	Quasi-Peak	77.2190	28.05	40.00	11.95
Vertical	Quasi-Peak	148.0910	26.85	43.50	16.65
Horizontal	Quasi-Peak	148.1040	25.26	43.50	18.24
Horizontal	Quasi-Peak	249.9820	25.26 *	46.00	20.74
Vertical	Quasi-Peak	249.9860	19.67 *	46.00	26.33
Horizontal	Quasi-Peak	501.6169	28.93	46.00	17.07
Vertical	Quasi-Peak	501.6219	28.63	46.00	17.37
Vertical	Quasi-Peak	949.9920	24.65 *	46.00	21.35
Horizontal	Quasi-Peak	950.0530	28.88	46.00	17.12
Vertical	Peak	4887.7850	50.18 *	74.00	23.82
Vertical	Average	4887.7850	31.67 *	54.00	22.33
Horizontal	Peak	4887.8590	49.33 *	74.00	24.67
Horizontal	Average	4887.8590	30.12 *	54.00	23.88

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Thu, 14 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

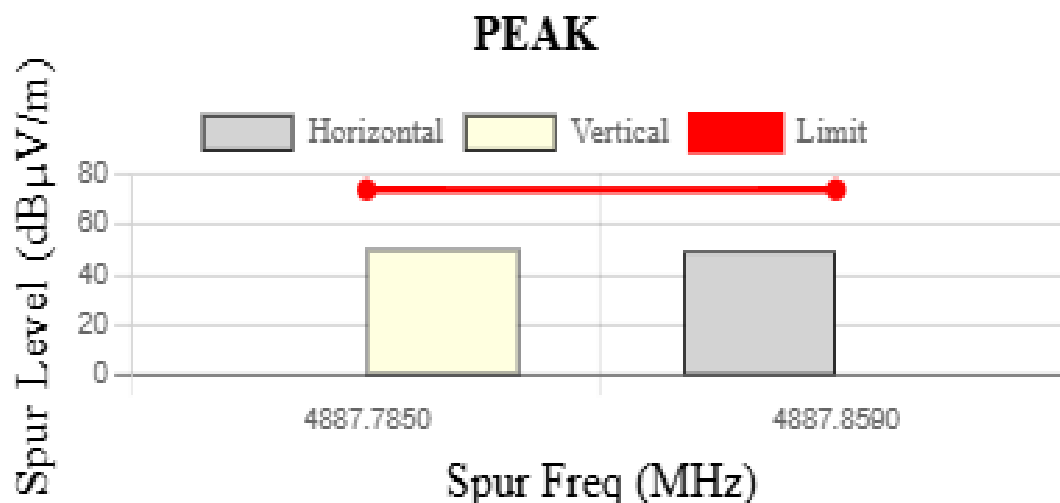
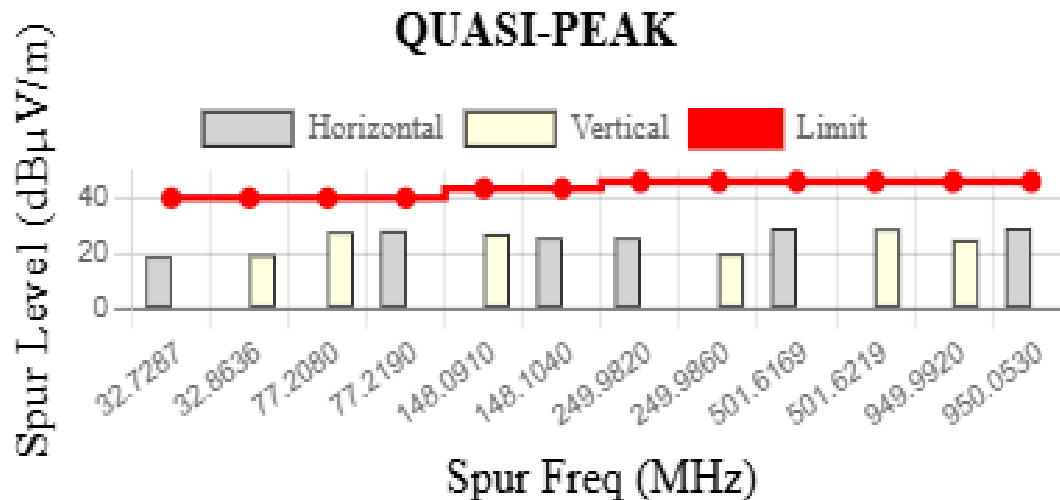
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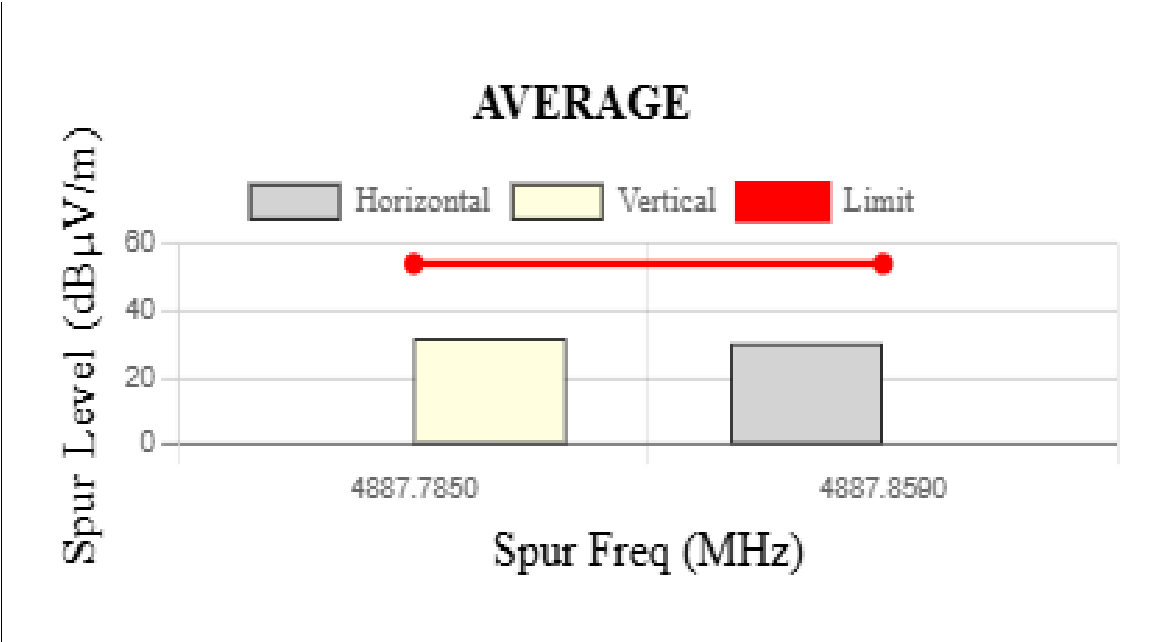
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	32.4240	18.85 *	40.00	21.15
Vertical	Quasi-Peak	32.6688	19.32 *	40.00	20.68
Vertical	Quasi-Peak	77.2010	27.73	40.00	12.27
Horizontal	Quasi-Peak	77.2080	29.65	40.00	10.35
Horizontal	Quasi-Peak	148.1170	27.00	43.50	16.50
Vertical	Quasi-Peak	148.1330	27.78	43.50	15.72
Horizontal	Quasi-Peak	501.5860	28.65	46.00	17.35
Vertical	Quasi-Peak	501.5910	28.88	46.00	17.12
Vertical	Quasi-Peak	850.0060	23.89 *	46.00	22.11
Horizontal	Quasi-Peak	850.0060	24.45 *	46.00	21.55
Horizontal	Peak	4128.7330	43.78 *	74.00	30.22
Horizontal	Average	4128.7330	29.35 *	54.00	24.65
Vertical	Peak	4129.4050	46.34 *	74.00	27.66
Vertical	Average	4129.4050	33.32 *	54.00	20.68
Horizontal	Peak	5249.3320	50.29	68.20	17.91
Vertical	Peak	5249.7350	51.92	68.20	16.28
Horizontal	Peak	5883.4460	45.28 *	68.20	22.92
Vertical	Peak	5883.5790	46.05 *	68.20	22.15

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Thu, 14 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

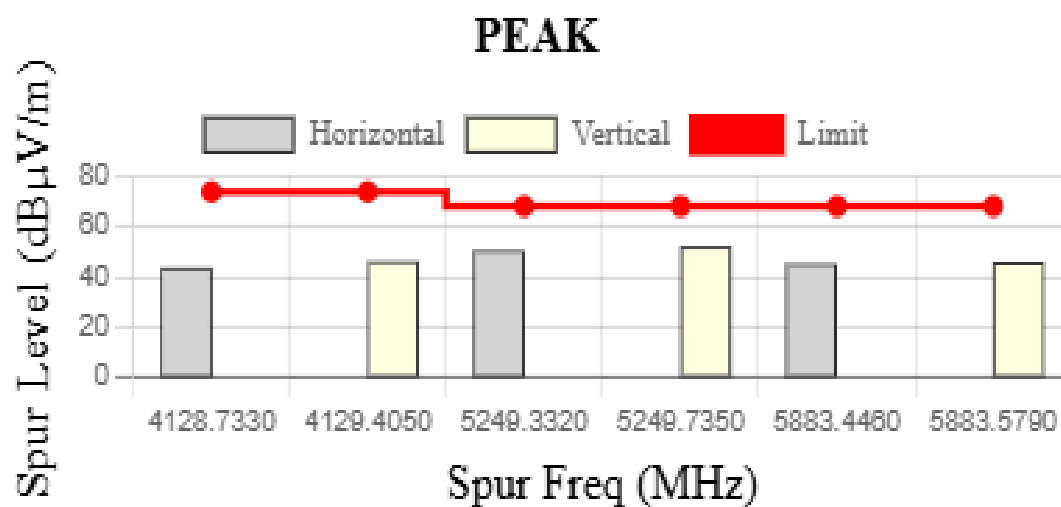
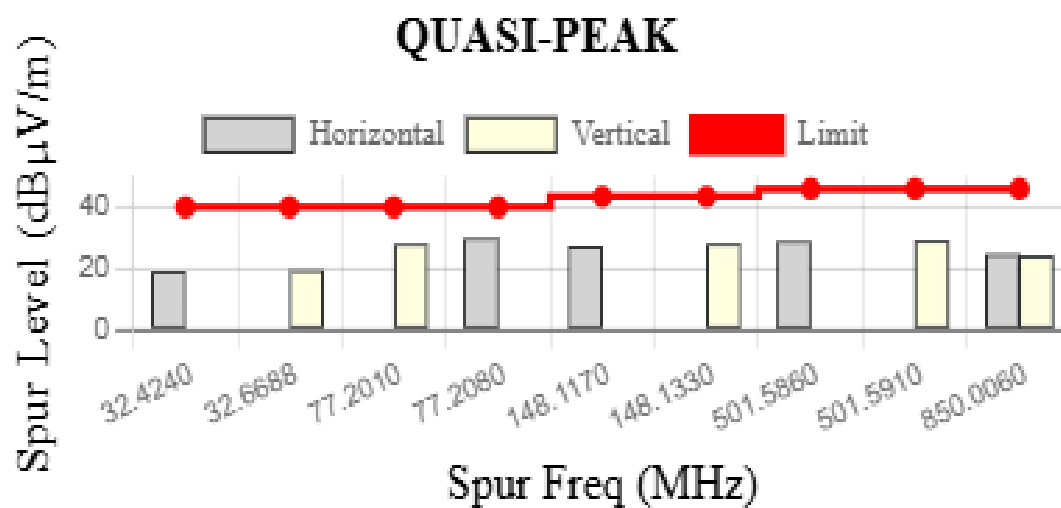
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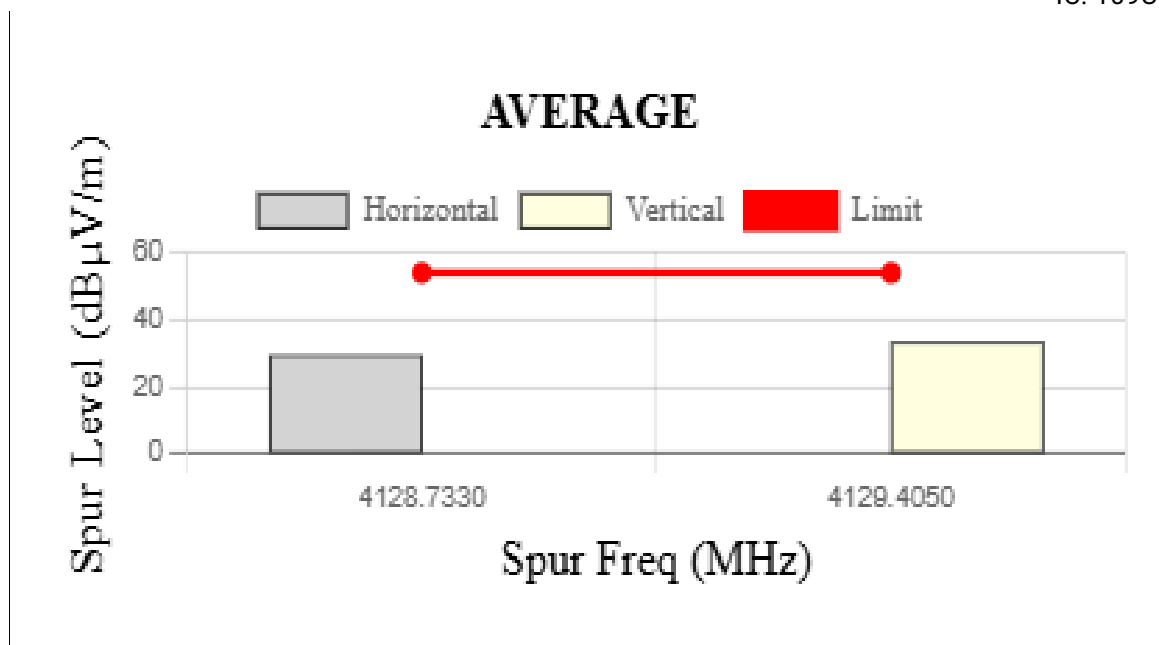
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
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	77.1910	28.06	40.00	11.94
Vertical	Quasi-Peak	77.1930	27.63	40.00	12.37
Vertical	Quasi-Peak	148.1240	26.96	43.50	16.54
Horizontal	Quasi-Peak	148.1270	27.40	43.50	16.10
Horizontal	Quasi-Peak	250.0080	27.34	46.00	18.66
Vertical	Quasi-Peak	250.0469	16.99 *	46.00	29.01
Vertical	Quasi-Peak	501.6109	29.65	46.00	16.35
Horizontal	Quasi-Peak	501.6139	29.08	46.00	16.92
Horizontal	Quasi-Peak	900.0370	27.35	46.00	18.65
Vertical	Quasi-Peak	900.0939	19.79 *	46.00	26.21
Vertical	Peak	4877.4670	50.75 *	74.00	23.25
Vertical	Average	4877.4670	32.35 *	54.00	21.65
Horizontal	Peak	4877.4940	46.35 *	74.00	27.65
Horizontal	Average	4877.4940	33.38 *	54.00	20.62
Vertical	Peak	5235.5670	49.79	68.20	18.41
Horizontal	Peak	5235.9590	49.52	68.20	18.68
Horizontal	Peak	5908.6180	48.45	68.20	19.75
Vertical	Peak	5909.5080	46.10 *	68.20	22.10

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

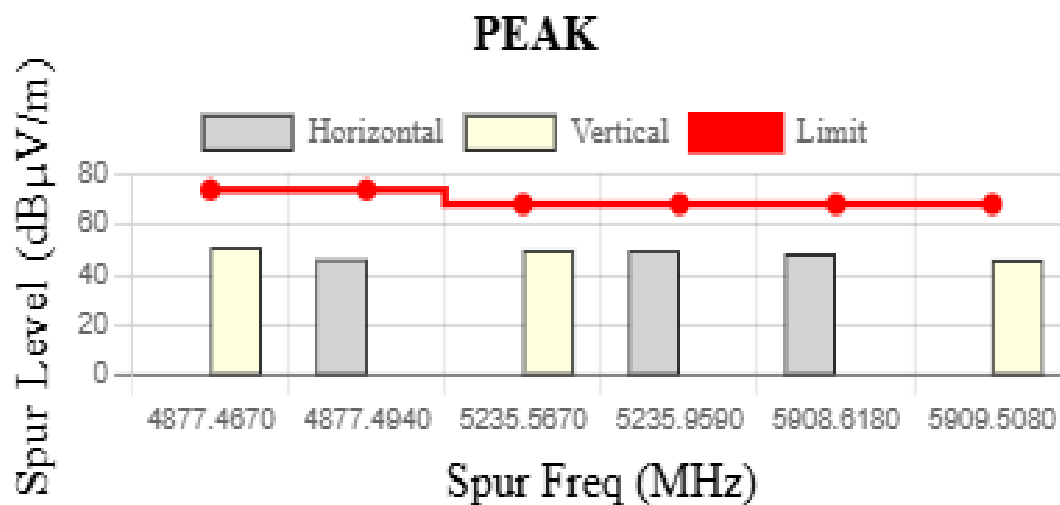
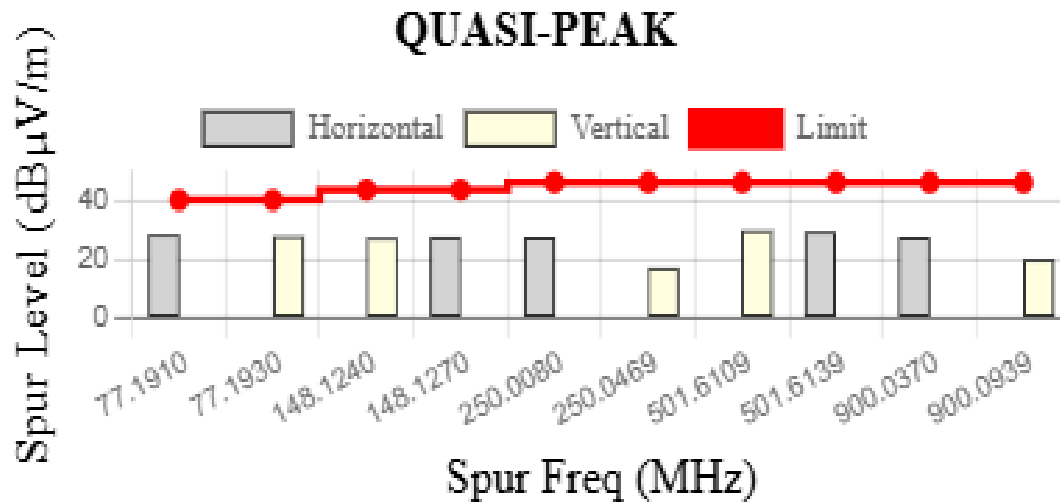
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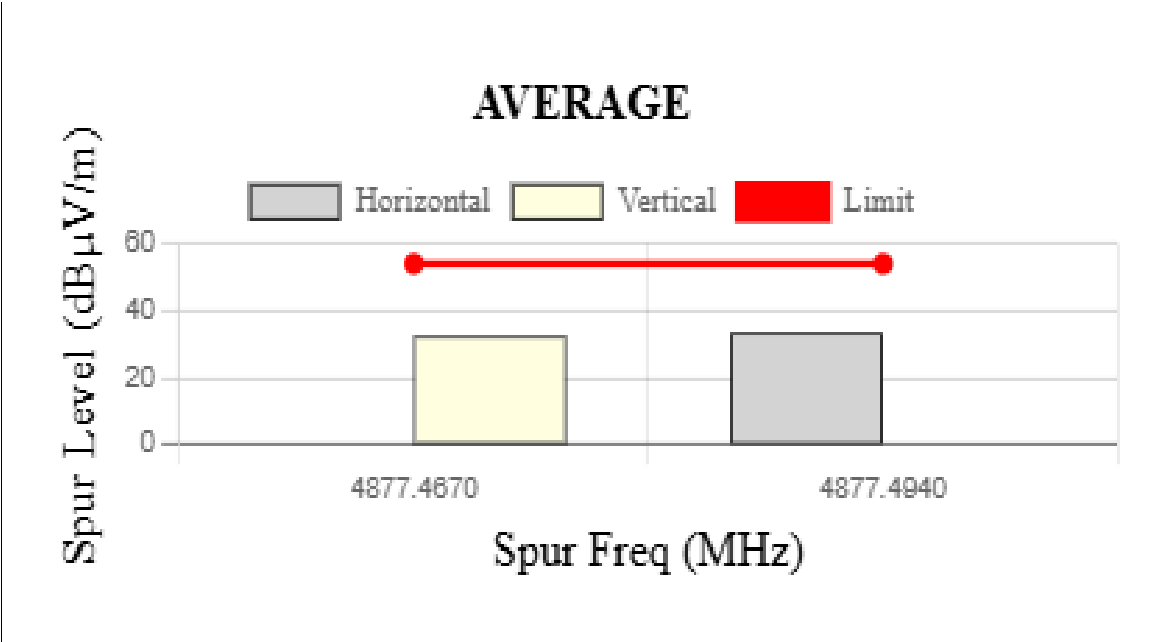
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
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	77.2040	27.63	40.00	12.37
Horizontal	Quasi-Peak	77.2190	29.30	40.00	10.70
Vertical	Quasi-Peak	148.1340	27.79	43.50	15.71
Horizontal	Quasi-Peak	148.1360	25.57	43.50	17.93
Horizontal	Quasi-Peak	226.8930	27.68	46.00	18.32
Vertical	Quasi-Peak	226.9120	16.89 *	46.00	29.11
Horizontal	Quasi-Peak	501.6089	29.58	46.00	16.42
Vertical	Quasi-Peak	501.6249	29.22	46.00	16.78
Vertical	Quasi-Peak	900.0400	26.73	46.00	19.27
Horizontal	Quasi-Peak	900.0440	27.47	46.00	18.53
Vertical	Peak	1499.8990	39.26 *	74.00	34.74
Vertical	Average	1499.8990	31.68 *	54.00	22.32
Horizontal	Peak	1499.9210	38.99 *	74.00	35.01
Horizontal	Average	1499.9210	32.56 *	54.00	21.44
Vertical	Peak	4285.7610	51.42 *	74.00	22.58
Vertical	Average	4285.7610	36.37	54.00	17.63
Horizontal	Peak	4286.4910	49.13 *	74.00	24.87
Horizontal	Average	4286.4910	36.95	54.00	17.05
Vertical	Peak	5200.3440	49.74	68.20	18.46
Horizontal	Peak	5200.7280	46.82 *	68.20	21.38
Vertical	Peak	5905.5460	47.46 *	68.20	20.74
Horizontal	Peak	5905.8830	49.46	68.20	18.74

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

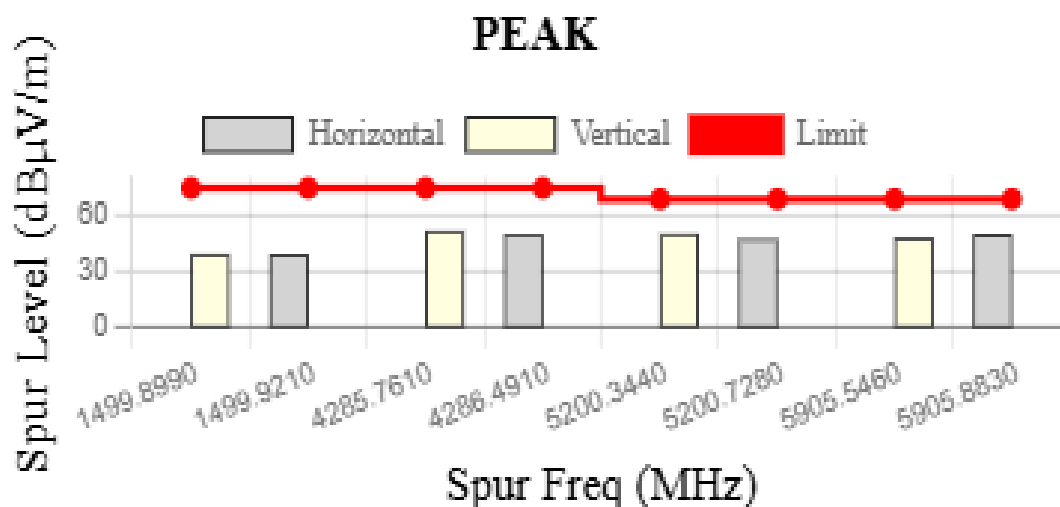
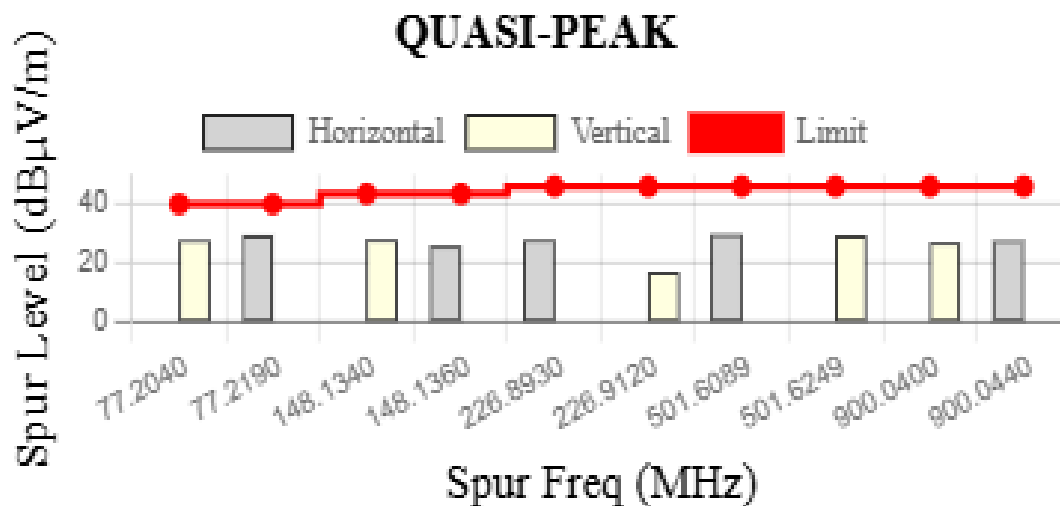
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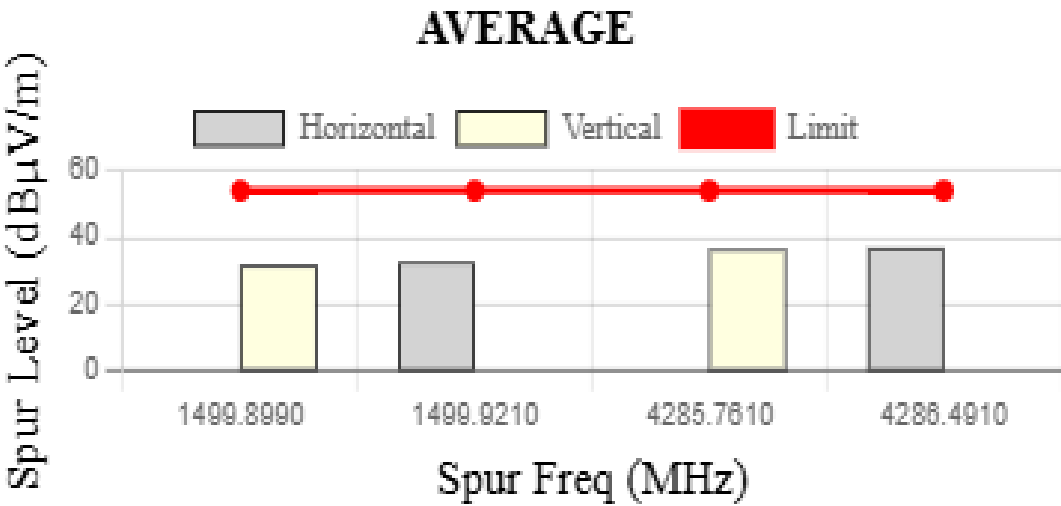
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
Test Frequency (MHz) : 5745.0000 Softpot Power : 12.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	77.2070	26.76	40.00	13.24
Horizontal	Quasi-Peak	77.2200	29.10	40.00	10.90
Horizontal	Quasi-Peak	148.1020	27.77	43.50	15.73
Vertical	Quasi-Peak	148.1110	29.53	43.50	13.97
Horizontal	Quasi-Peak	226.8840	27.69	46.00	18.31
Vertical	Quasi-Peak	226.8880	18.22 *	46.00	27.78
Vertical	Quasi-Peak	501.5840	27.69	46.00	18.31
Horizontal	Quasi-Peak	501.6080	29.13	46.00	16.87
Vertical	Quasi-Peak	950.0130	24.28 *	46.00	21.72
Horizontal	Quasi-Peak	950.0769	25.00 *	46.00	21.00
Vertical	Peak	4303.6680	46.29 *	74.00	27.71
Vertical	Average	4303.6680	31.91 *	54.00	22.09
Horizontal	Peak	4304.4950	43.39 *	74.00	30.61
Horizontal	Average	4304.4950	29.84 *	54.00	24.16
Horizontal	Peak	5022.1960	46.78 *	74.00	27.22
Horizontal	Average	5022.1960	32.81 *	54.00	21.19
Vertical	Peak	5022.2170	46.04 *	74.00	27.96
Vertical	Average	5022.2170	32.34 *	54.00	21.66
Horizontal	Peak	5232.6550	48.49	68.20	19.71
Vertical	Peak	5233.1140	48.29	68.20	19.91
Vertical	Peak	5378.7090	47.35 *	74.00	26.65
Vertical	Average	5378.7090	33.40 *	54.00	20.60
Horizontal	Peak	5379.3480	48.91 *	74.00	25.09
Horizontal	Average	5379.3480	34.03	54.00	19.97

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

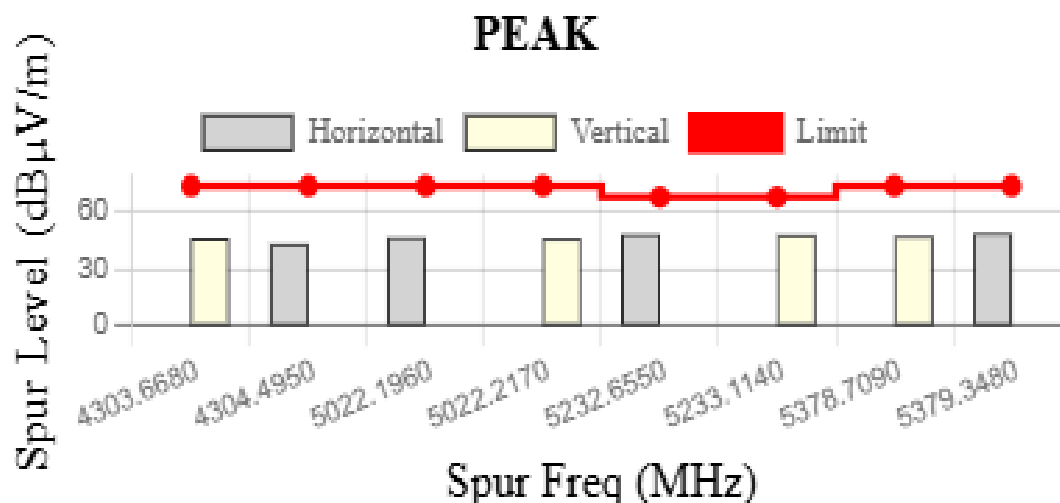
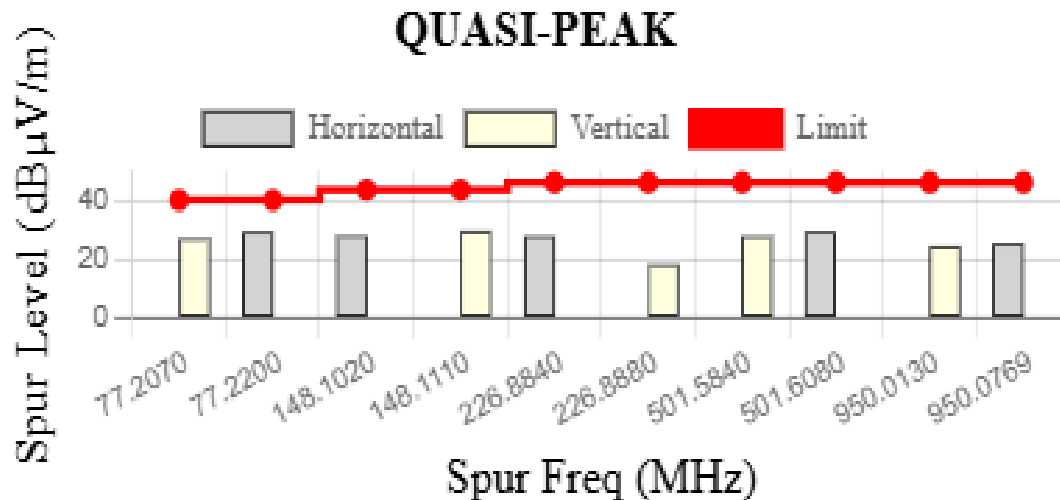
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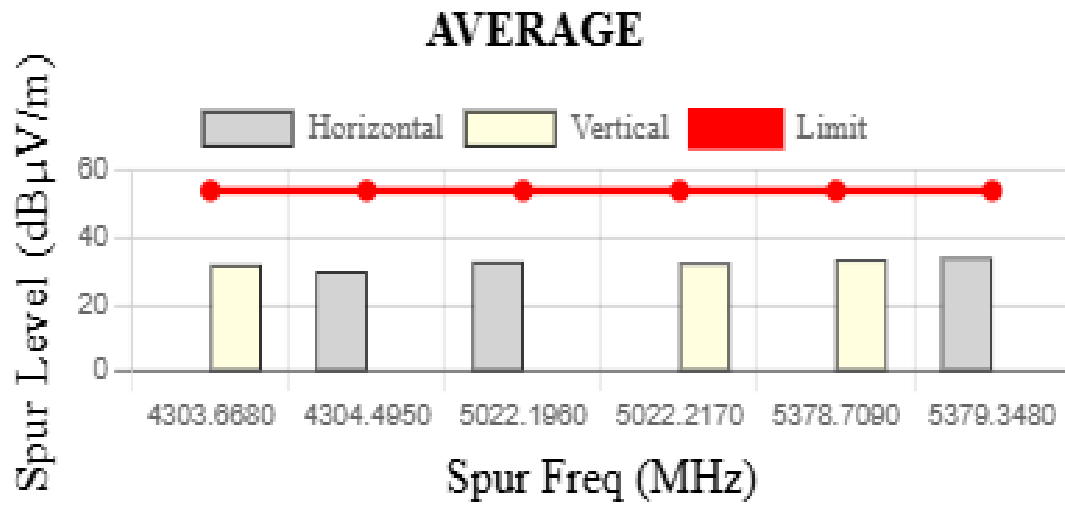
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	77.2020	26.79	40.00	13.21
Horizontal	Quasi-Peak	77.2050	25.02	40.00	14.98
Horizontal	Quasi-Peak	148.1110	28.60	43.50	14.90
Vertical	Quasi-Peak	148.1160	28.17	43.50	15.33
Horizontal	Quasi-Peak	249.9970	27.71	46.00	18.29
Vertical	Quasi-Peak	250.0299	21.09 *	46.00	24.91
Horizontal	Quasi-Peak	501.5940	25.85 *	46.00	20.15
Vertical	Quasi-Peak	501.6130	28.72	46.00	17.28
Vertical	Quasi-Peak	900.0530	23.26 *	46.00	22.74
Horizontal	Quasi-Peak	900.0580	26.16	46.00	19.84
Vertical	Peak	4324.1470	43.47 *	74.00	30.53
Vertical	Average	4324.1470	29.12 *	54.00	24.88
Horizontal	Peak	4324.1590	42.21 *	74.00	31.79
Horizontal	Average	4324.1590	27.97 *	54.00	26.03
Horizontal	Peak	5245.7930	50.83	68.20	17.37
Vertical	Peak	5245.8490	46.11 *	68.20	22.09
Vertical	Peak	5599.4360	50.18	68.20	18.02
Horizontal	Peak	5599.7150	48.52	68.20	19.68
Vertical	Peak	5981.5230	45.30 *	68.20	22.90
Horizontal	Peak	5981.5380	50.30	68.20	17.90

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Thu, 14 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

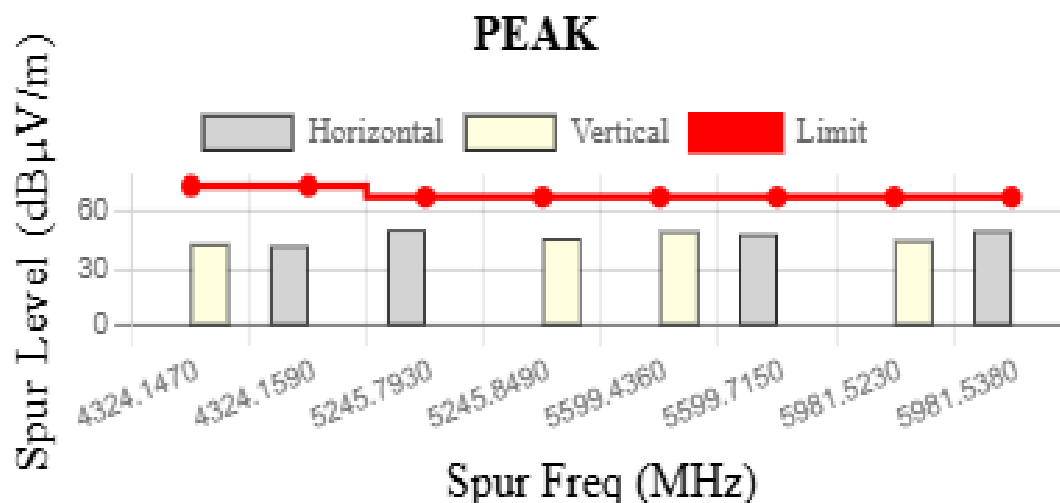
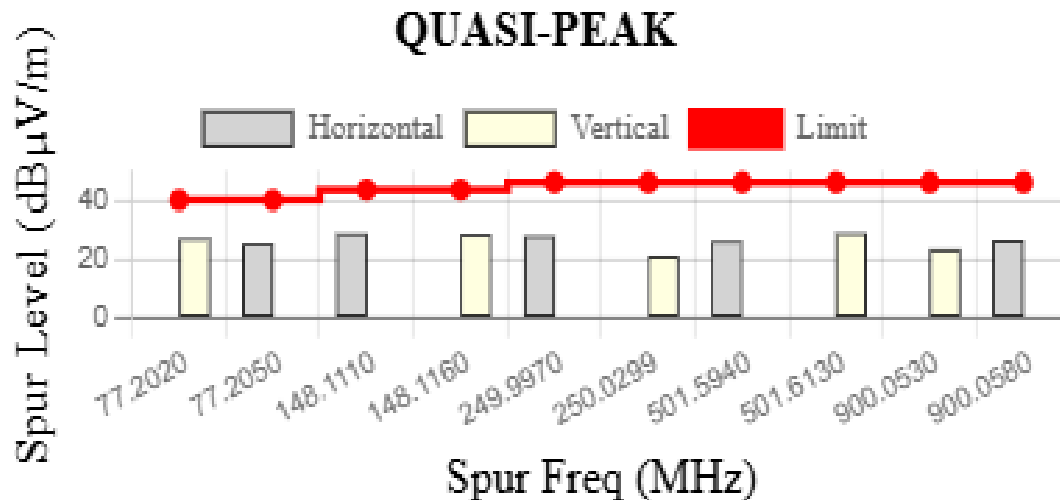
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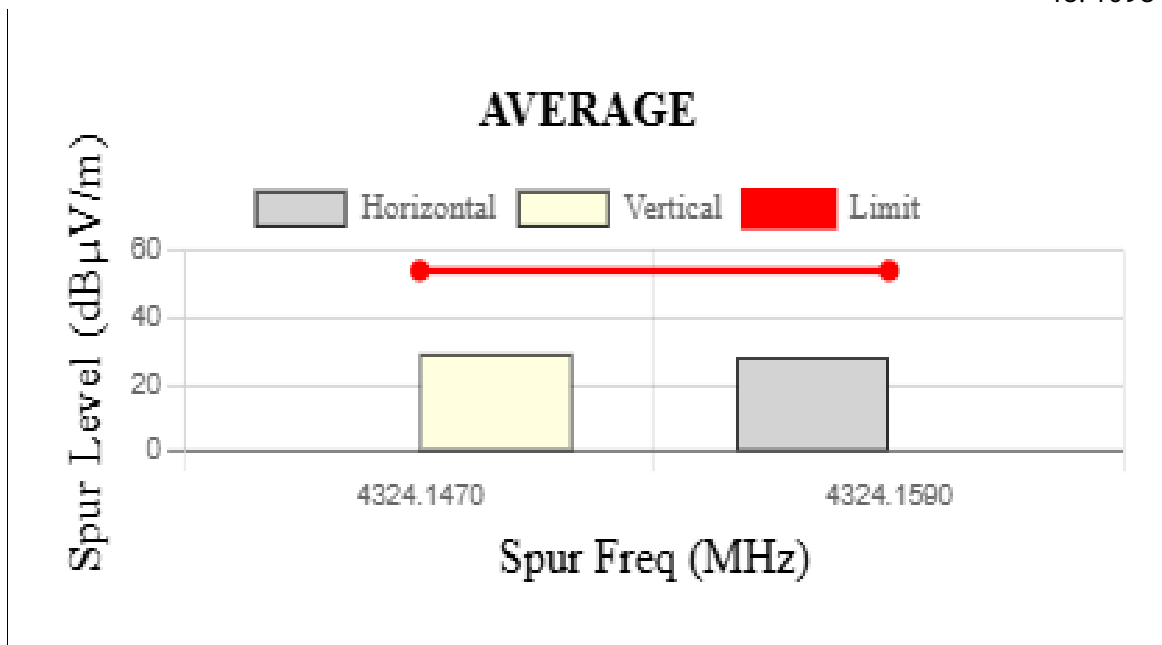
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11a Channel SP/Bandwidth 20000.0000 (kHz) :
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	77.1970	26.51	40.00	13.49
Horizontal	Quasi-Peak	77.2220	28.66	40.00	11.34
Vertical	Quasi-Peak	148.1090	27.62	43.50	15.88
Horizontal	Quasi-Peak	148.1110	28.76	43.50	14.74
Vertical	Quasi-Peak	226.8810	14.93 *	46.00	31.07
Horizontal	Quasi-Peak	226.9289	26.37	46.00	19.63
Horizontal	Quasi-Peak	501.5860	25.71 *	46.00	20.29
Vertical	Quasi-Peak	501.6010	29.06	46.00	16.94
Vertical	Quasi-Peak	900.0530	25.50 *	46.00	20.50
Horizontal	Quasi-Peak	900.0600	26.88	46.00	19.12
Vertical	Peak	4370.7700	50.77 *	74.00	23.23
Vertical	Average	4370.7700	36.67	54.00	17.33
Horizontal	Peak	4371.2900	50.98 *	74.00	23.02
Horizontal	Average	4371.2900	38.16	54.00	15.84
Horizontal	Peak	5099.5510	48.58 *	74.00	25.42
Horizontal	Average	5099.5510	35.55	54.00	18.45
Vertical	Peak	5099.8530	51.23 *	74.00	22.77
Vertical	Average	5099.8530	35.88	54.00	18.12
Vertical	Peak	5383.3990	45.23 *	74.00	28.77
Vertical	Average	5383.3990	30.32 *	54.00	23.68
Horizontal	Peak	5383.7120	48.60 *	74.00	25.40
Horizontal	Average	5383.7120	34.37	54.00	19.63
Horizontal	Peak	5630.5290	49.95	68.20	18.25
Vertical	Peak	5630.8460	49.49	68.20	18.71

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

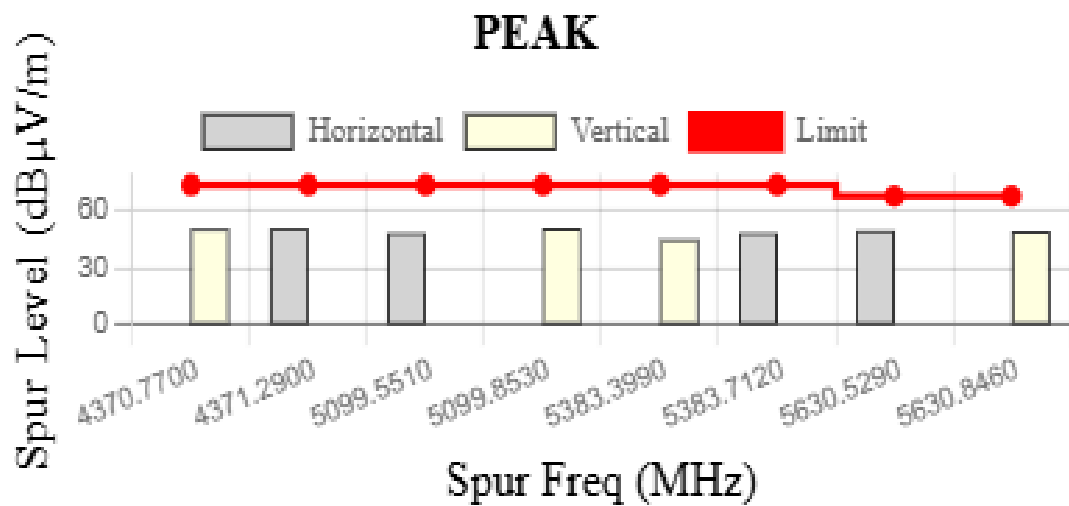
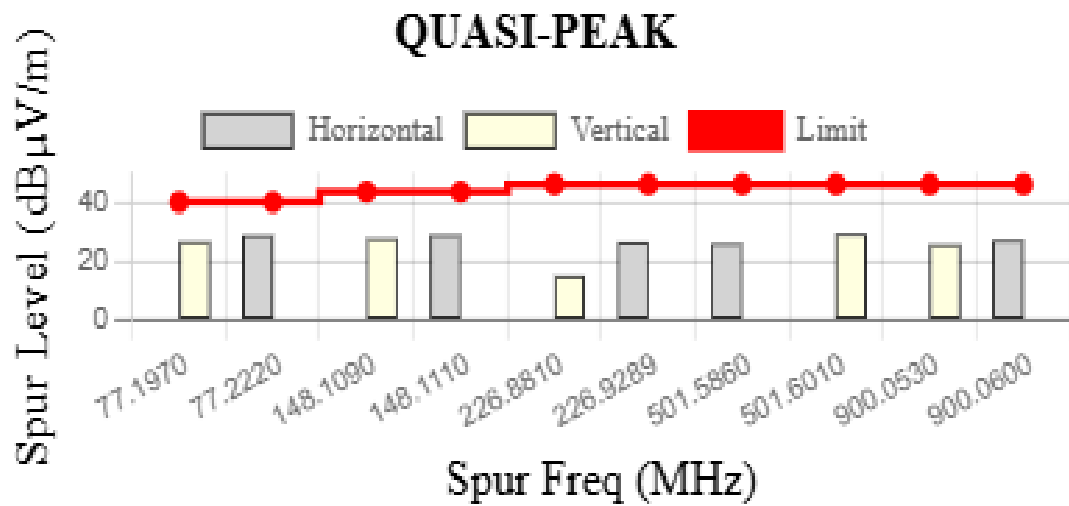
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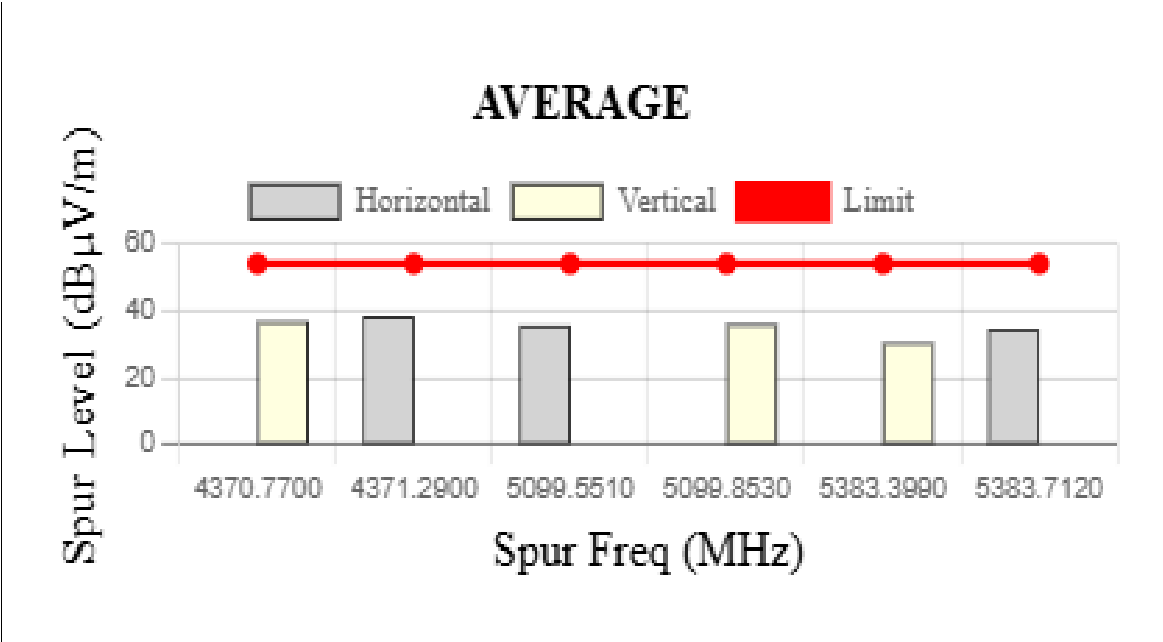
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





802.11n (HT20)

SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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)
Horizontal	Quasi-Peak	77.2100	28.43	40.00	11.57
Vertical	Quasi-Peak	77.2180	26.16	40.00	13.84
Vertical	Quasi-Peak	148.1060	29.75	43.50	13.75
Horizontal	Quasi-Peak	148.1310	28.47	43.50	15.03
Horizontal	Quasi-Peak	250.0130	29.00	46.00	17.00
Vertical	Quasi-Peak	250.0290	20.97 *	46.00	25.03
Vertical	Quasi-Peak	410.0060	33.93	46.00	12.07
Horizontal	Quasi-Peak	410.0289	27.39	46.00	18.61
Vertical	Quasi-Peak	501.5900	28.65	46.00	17.35
Horizontal	Quasi-Peak	501.5910	27.29	46.00	18.71
Vertical	Peak	3488.2470	44.70 *	68.20	23.50
Horizontal	Peak	3488.4760	40.23 *	68.20	27.97

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Thu, 14 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

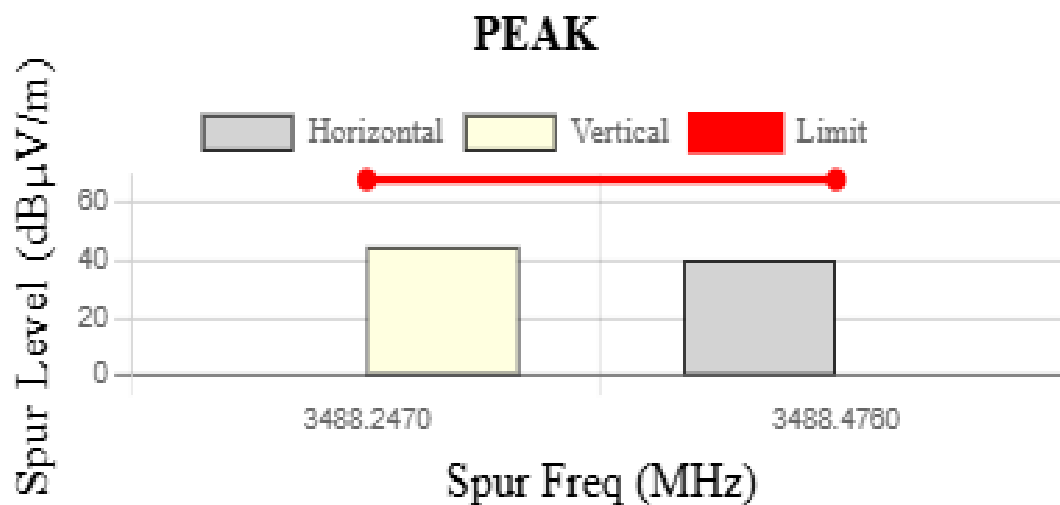
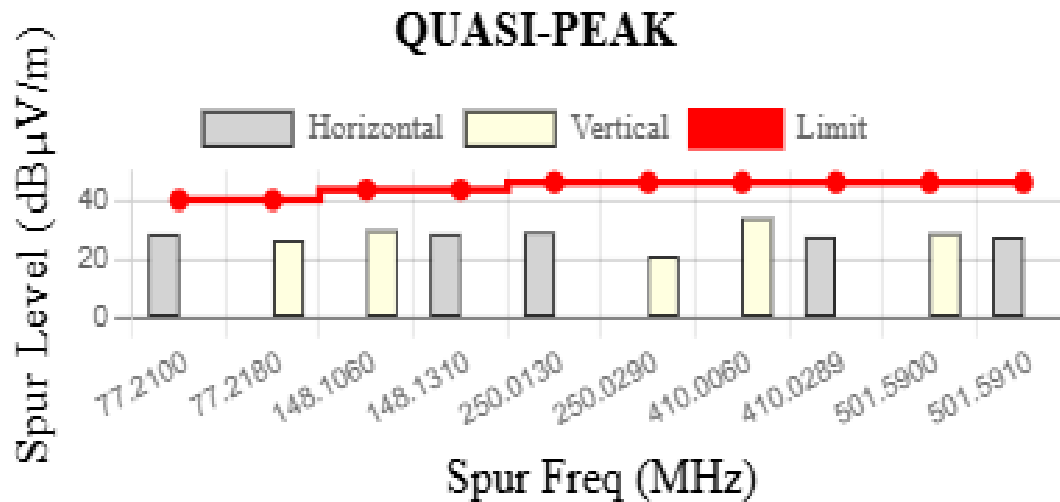
Remarks:

** 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 : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1,
PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000
(kHz) :
Test Frequency (MHz) : 5220.0000 Softpot Power : 13.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1- Voltage (V) : 120.00
2023+C63.10a-2024 + Errata
to C63.10a-2024

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Quasi-Peak	77.2060	28.54	40.00	11.46
Vertical	Quasi-Peak	77.2140	24.36	40.00	15.64
Horizontal	Quasi-Peak	148.1210	28.43	43.50	15.07
Vertical	Quasi-Peak	148.1260	29.83	43.50	13.67
Horizontal	Quasi-Peak	249.9960	27.67	46.00	18.33
Vertical	Quasi-Peak	250.0000	21.07 *	46.00	24.93
Horizontal	Quasi-Peak	410.0090	24.13 *	46.00	21.87
Vertical	Quasi-Peak	410.0249	26.94	46.00	19.06
Vertical	Quasi-Peak	501.5910	28.60	46.00	17.40
Horizontal	Quasi-Peak	501.5990	29.38	46.00	16.62
Vertical	Quasi-Peak	900.0090	25.36 *	46.00	20.64
Horizontal	Quasi-Peak	900.0230	28.80	46.00	17.20
Horizontal	Peak	4900.7130	49.60 *	74.00	24.40
Horizontal	Average	4900.7130	31.25 *	54.00	22.75
Vertical	Peak	4901.3490	46.70 *	74.00	27.30
Vertical	Average	4901.3490	30.75 *	54.00	23.25
Vertical	Peak	5876.3880	45.33 *	68.20	22.87
Horizontal	Peak	5876.8450	46.86 *	68.20	21.34

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

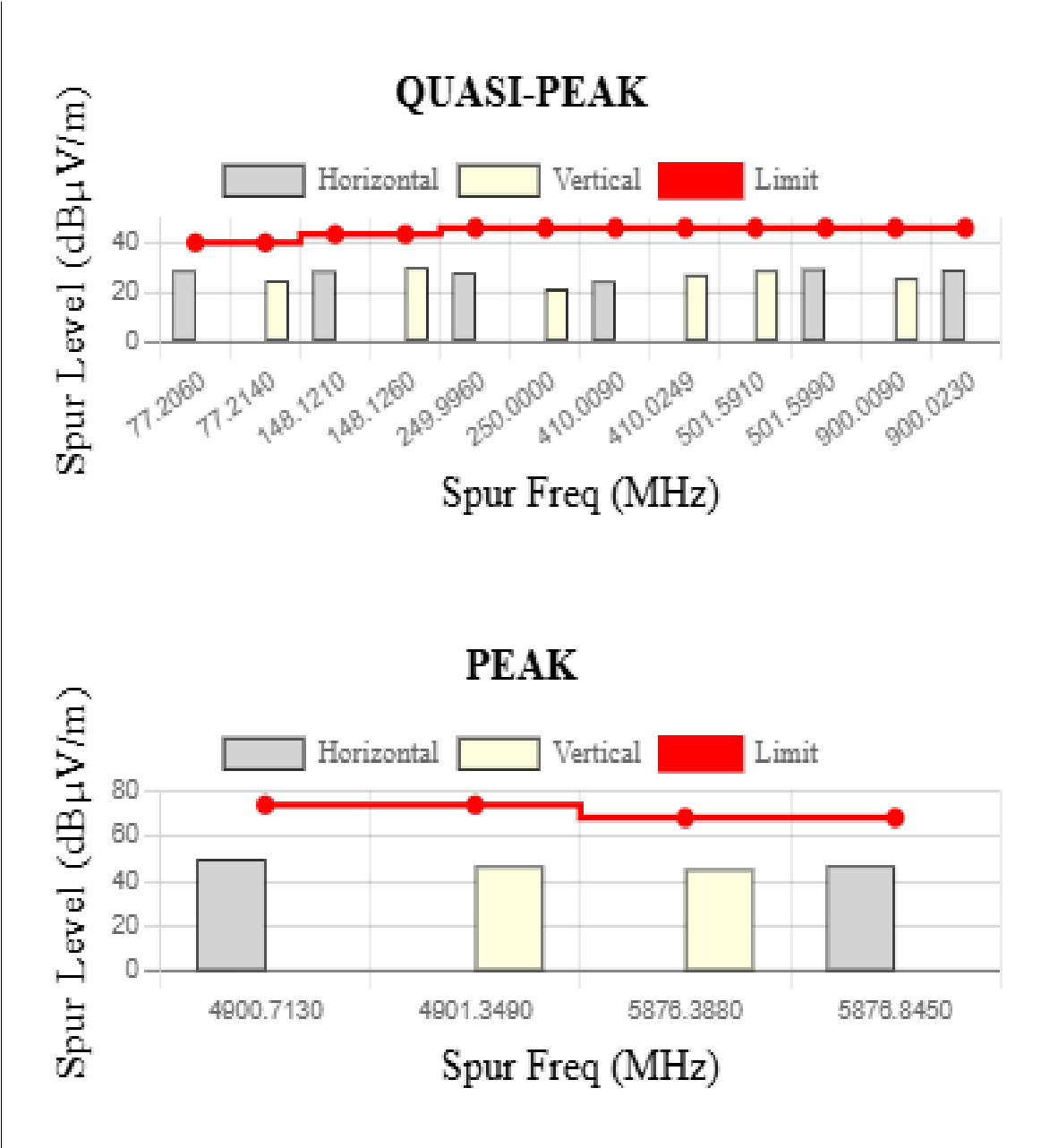
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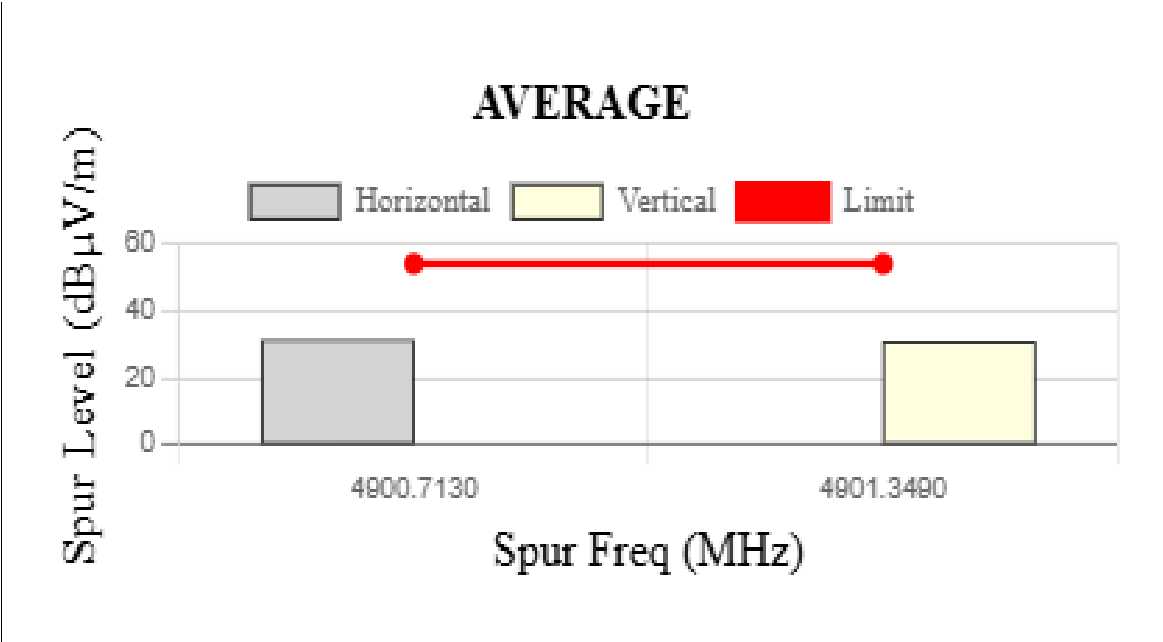
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000 (kHz) :
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	77.2010	29.03	40.00	10.97
Vertical	Quasi-Peak	77.2080	26.29	40.00	13.71
Horizontal	Quasi-Peak	148.0950	28.61	43.50	14.89
Vertical	Quasi-Peak	148.1060	30.02	43.50	13.48
Horizontal	Quasi-Peak	250.0080	27.82	46.00	18.18
Vertical	Quasi-Peak	250.0290	21.17 *	46.00	24.83
Horizontal	Quasi-Peak	410.0619	21.40 *	46.00	24.60
Vertical	Quasi-Peak	410.3776	15.27 *	46.00	30.73
Horizontal	Quasi-Peak	501.5810	28.79	46.00	17.21
Vertical	Quasi-Peak	501.6050	28.58	46.00	17.42
Horizontal	Quasi-Peak	900.0330	29.10	46.00	16.90
Vertical	Quasi-Peak	900.0720	24.63 *	46.00	21.37
Horizontal	Peak	2401.4050	41.53 *	68.20	26.67
Vertical	Peak	2401.5040	45.13 *	68.20	23.07
Horizontal	Peak	4868.6500	44.21 *	74.00	29.79
Horizontal	Average	4868.6500	29.83 *	54.00	24.17
Vertical	Peak	4869.2130	46.05 *	74.00	27.95
Vertical	Average	4869.2130	30.50 *	54.00	23.50
Horizontal	Peak	5898.2360	50.86	68.20	17.34
Vertical	Peak	5898.2970	45.71 *	68.20	22.49

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

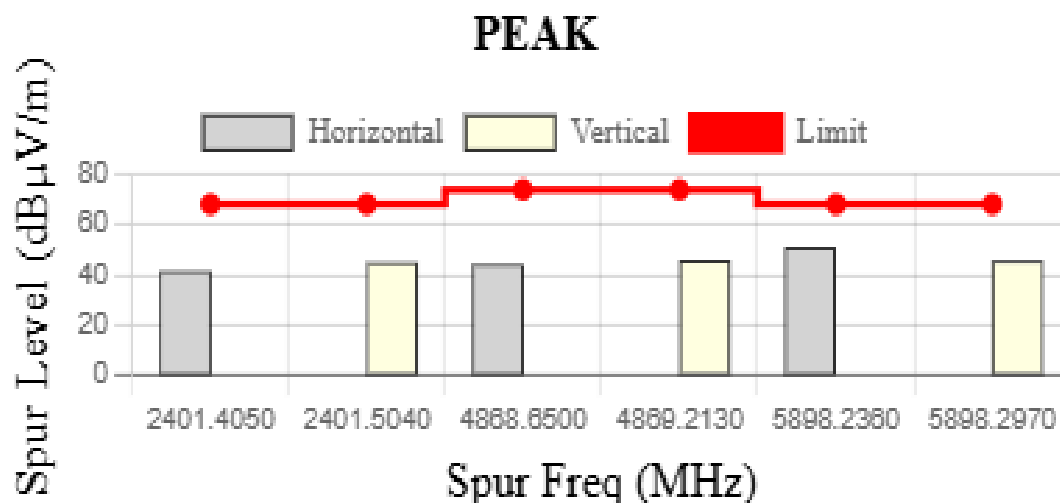
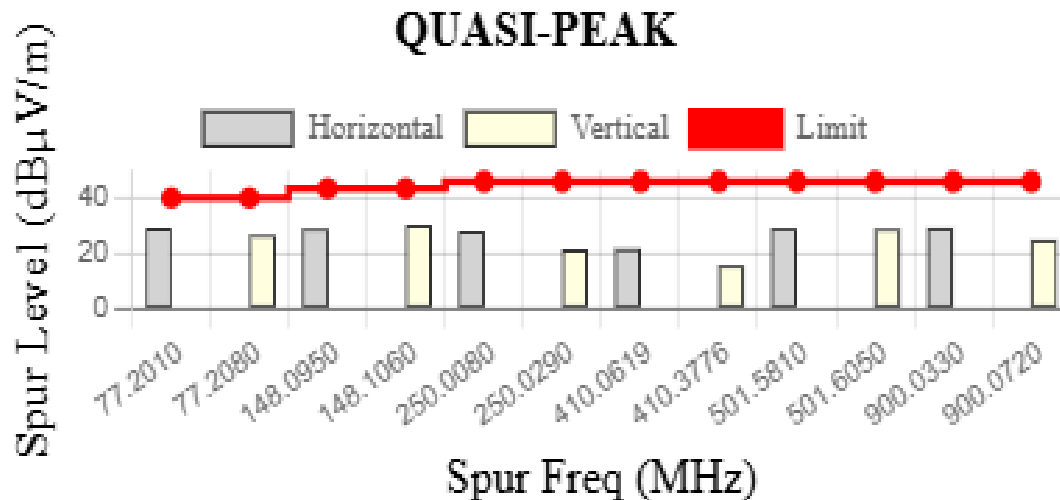
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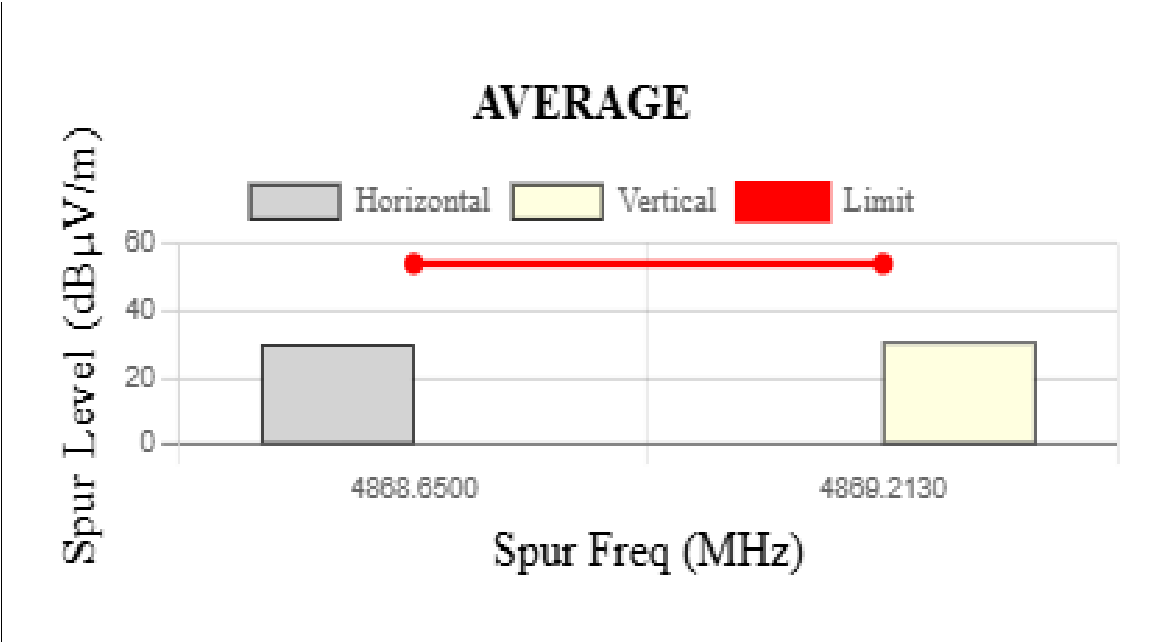
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000 (kHz) :
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)
Vertical	Quasi-Peak	74.5420	24.83	40.00	15.17
Horizontal	Quasi-Peak	74.5730	28.44	40.00	11.56
Vertical	Quasi-Peak	148.0830	28.14	43.50	15.36
Horizontal	Quasi-Peak	148.1020	27.33	43.50	16.17
Vertical	Quasi-Peak	226.8680	16.71 *	46.00	29.29
Horizontal	Quasi-Peak	226.8720	27.32	46.00	18.68
Horizontal	Quasi-Peak	249.9990	28.92	46.00	17.08
Vertical	Quasi-Peak	250.0080	19.24 *	46.00	26.76
Vertical	Quasi-Peak	501.5920	28.93	46.00	17.07
Horizontal	Quasi-Peak	501.6060	28.84	46.00	17.16
Vertical	Quasi-Peak	900.0350	26.00	46.00	20.00
Horizontal	Quasi-Peak	900.0480	27.90	46.00	18.10
Horizontal	Peak	4901.8090	48.29 *	74.00	25.71
Horizontal	Average	4901.8090	31.32 *	54.00	22.68
Vertical	Peak	4902.4340	44.58 *	74.00	29.42
Vertical	Average	4902.4340	30.58 *	54.00	23.42
Horizontal	Peak	5598.2200	47.53 *	68.20	20.67
Vertical	Peak	5598.7690	44.79 *	68.20	23.41
Vertical	Peak	5915.8580	46.17 *	68.20	22.03
Horizontal	Peak	5915.8820	48.43	68.20	19.77

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

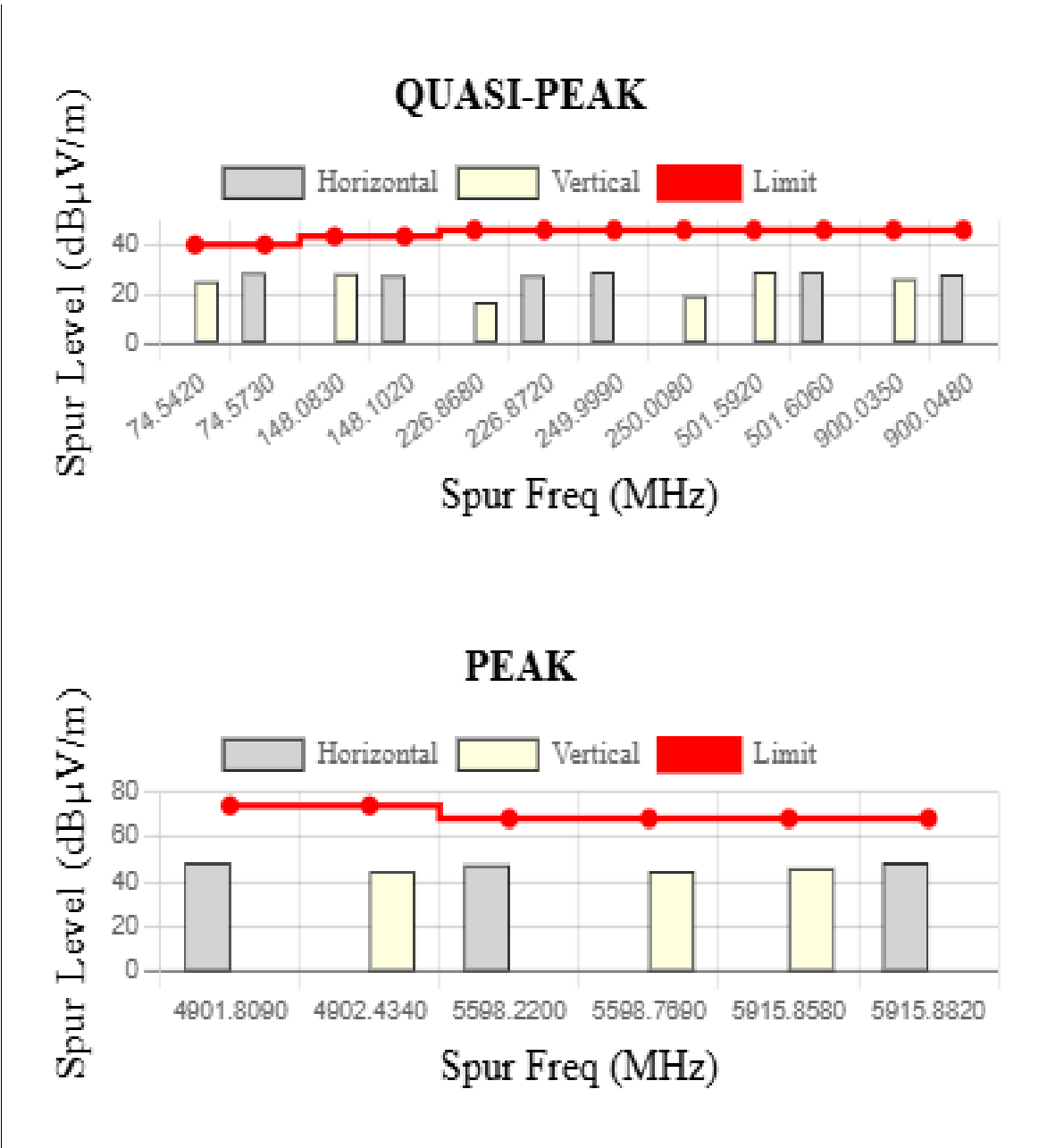
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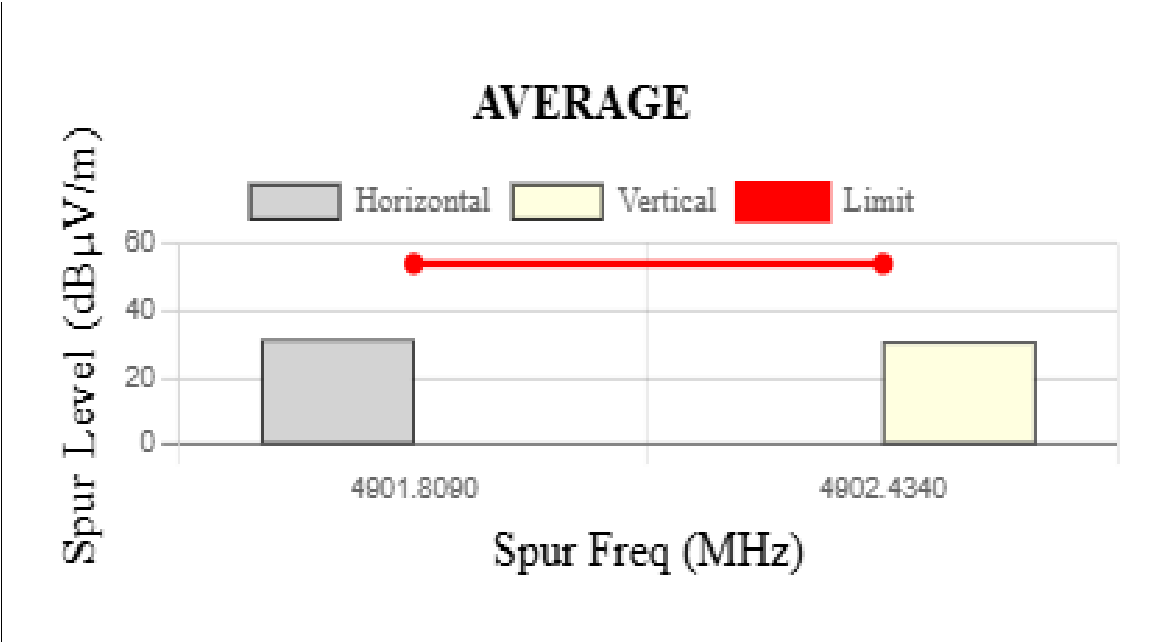
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01		
Test Mode :	Wifi 5.0 GHz 802.11n	Channel SP/Bandwidth (kHz) :	20000.0000
Test Frequency (MHz) :	5300.0000	Softpot Power :	13.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Quasi-Peak	77.2020	25.85	40.00	14.15
Horizontal	Quasi-Peak	77.2200	28.28	40.00	11.72
Vertical	Quasi-Peak	148.1300	28.17	43.50	15.33
Horizontal	Quasi-Peak	148.1340	27.41	43.50	16.09
Vertical	Quasi-Peak	226.8890	20.44 *	46.00	25.56
Horizontal	Quasi-Peak	226.9160	27.40	46.00	18.60
Horizontal	Quasi-Peak	250.0090	28.57	46.00	17.43
Vertical	Quasi-Peak	250.0330	19.67 *	46.00	26.33
Vertical	Quasi-Peak	501.5950	28.68	46.00	17.32
Horizontal	Quasi-Peak	501.6010	34.71	46.00	11.29
Horizontal	Quasi-Peak	899.9561	20.01 *	46.00	25.99
Vertical	Quasi-Peak	900.0560	25.56 *	46.00	20.44
Vertical	Peak	5000.1380	49.64 *	74.00	24.36
Vertical	Average	5000.1380	31.49 *	54.00	22.51
Horizontal	Peak	5000.5890	44.63 *	74.00	29.37
Horizontal	Average	5000.5890	30.51 *	54.00	23.49

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Thu, 14 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

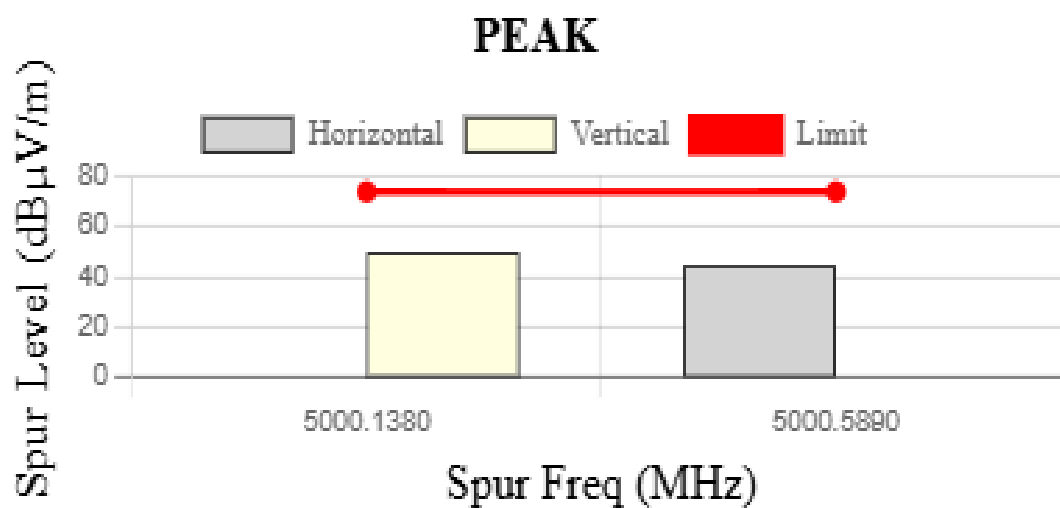
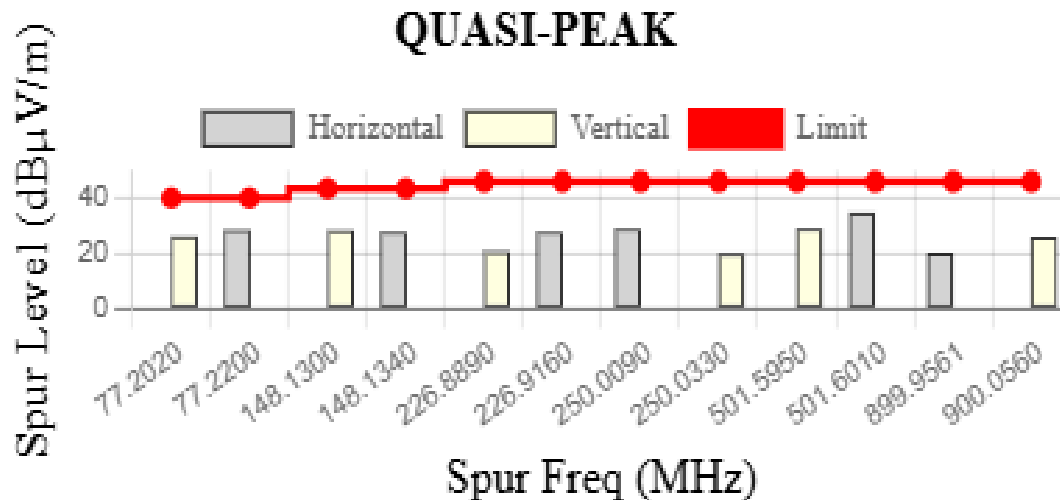
Remarks:

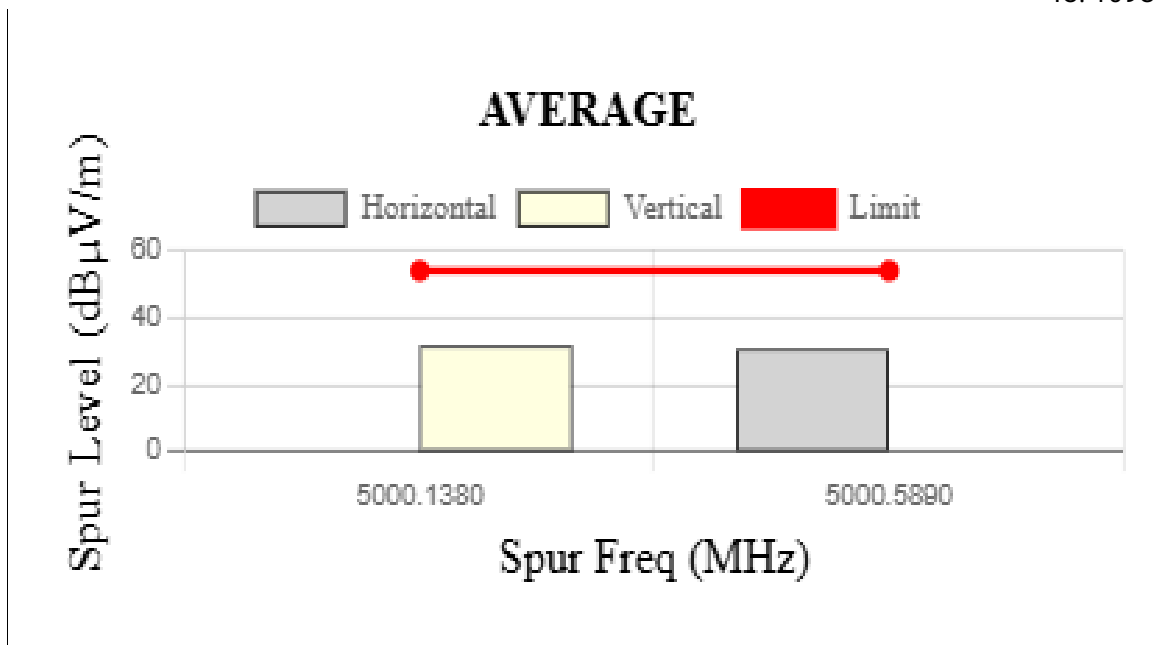
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000 (kHz) :
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)
Horizontal	Quasi-Peak	77.1930	27.35	40.00	12.65
Vertical	Quasi-Peak	77.2000	26.52	40.00	13.48
Horizontal	Quasi-Peak	148.1180	28.32	43.50	15.18
Vertical	Quasi-Peak	148.1220	29.32	43.50	14.18
Vertical	Quasi-Peak	229.4153	20.12 *	46.00	25.88
Horizontal	Quasi-Peak	229.7909	24.52 *	46.00	21.48
Vertical	Quasi-Peak	249.9950	19.86 *	46.00	26.14
Horizontal	Quasi-Peak	249.9980	28.34	46.00	17.66
Vertical	Quasi-Peak	501.5940	28.06	46.00	17.94
Horizontal	Quasi-Peak	501.6070	28.82	46.00	17.18
Horizontal	Quasi-Peak	950.0370	28.65	46.00	17.35
Vertical	Quasi-Peak	950.0650	25.39 *	46.00	20.61
Vertical	Peak	4899.8040	49.47 *	74.00	24.53
Vertical	Average	4899.8040	32.18 *	54.00	21.82
Horizontal	Peak	4900.5160	51.61 *	74.00	22.39
Horizontal	Average	4900.5160	33.07 *	54.00	20.93
Vertical	Peak	5602.3130	48.69	68.20	19.51
Horizontal	Peak	5602.4310	49.94	68.20	18.26

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

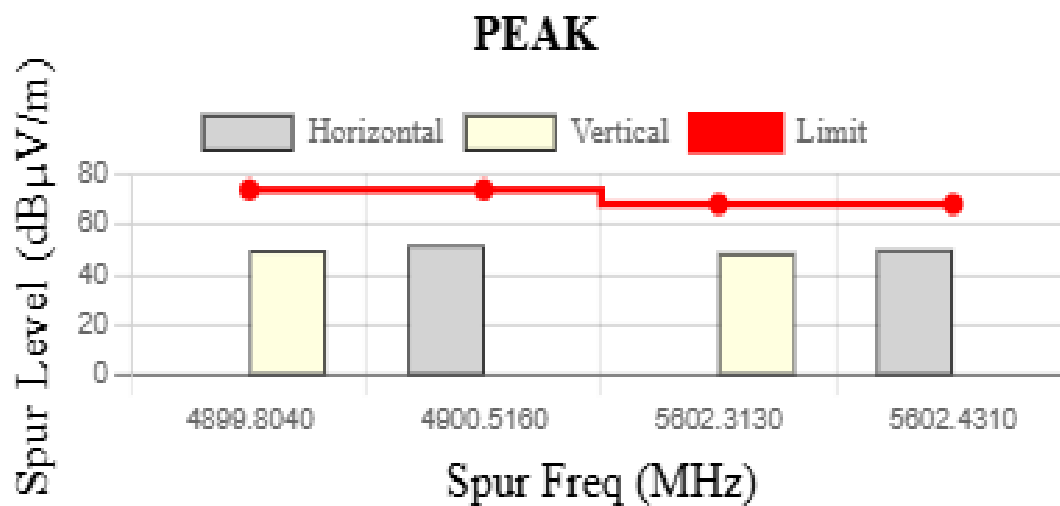
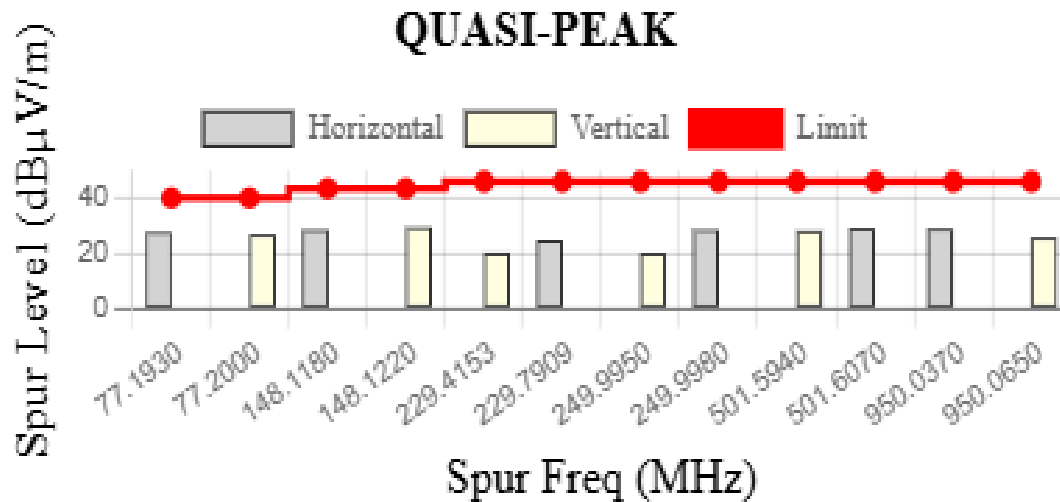
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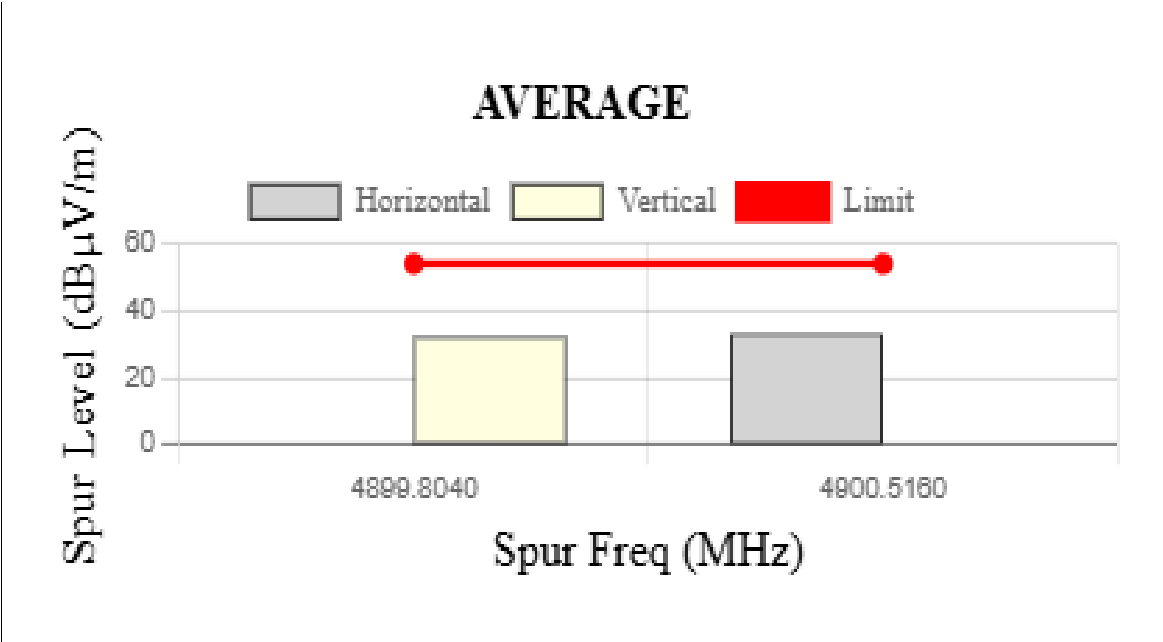
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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)
Horizontal	Quasi-Peak	77.1990	27.88	40.00	12.12
Vertical	Quasi-Peak	77.2130	25.65	40.00	14.35
Horizontal	Quasi-Peak	148.0950	27.09	43.50	16.41
Vertical	Quasi-Peak	148.1100	29.28	43.50	14.22
Vertical	Quasi-Peak	226.2735	19.15 *	46.00	26.85
Horizontal	Quasi-Peak	226.8968	26.55	46.00	19.45
Horizontal	Quasi-Peak	250.0090	28.48	46.00	17.52
Vertical	Quasi-Peak	250.0160	19.89 *	46.00	26.11
Vertical	Quasi-Peak	501.5840	28.59	46.00	17.41
Horizontal	Quasi-Peak	501.6110	24.82 *	46.00	21.18
Vertical	Quasi-Peak	899.9880	22.21 *	46.00	23.79
Horizontal	Quasi-Peak	900.0170	28.38	46.00	17.62
Vertical	Peak	5141.0590	45.41 *	74.00	28.59
Vertical	Average	5141.0590	30.22 *	54.00	23.78
Horizontal	Peak	5141.2600	47.21 *	74.00	26.79
Horizontal	Average	5141.2600	31.14 *	54.00	22.86
Horizontal	Peak	5334.6340	48.33	68.20	19.87
Vertical	Peak	5335.0240	48.63	68.20	19.57

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Thu, 14 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

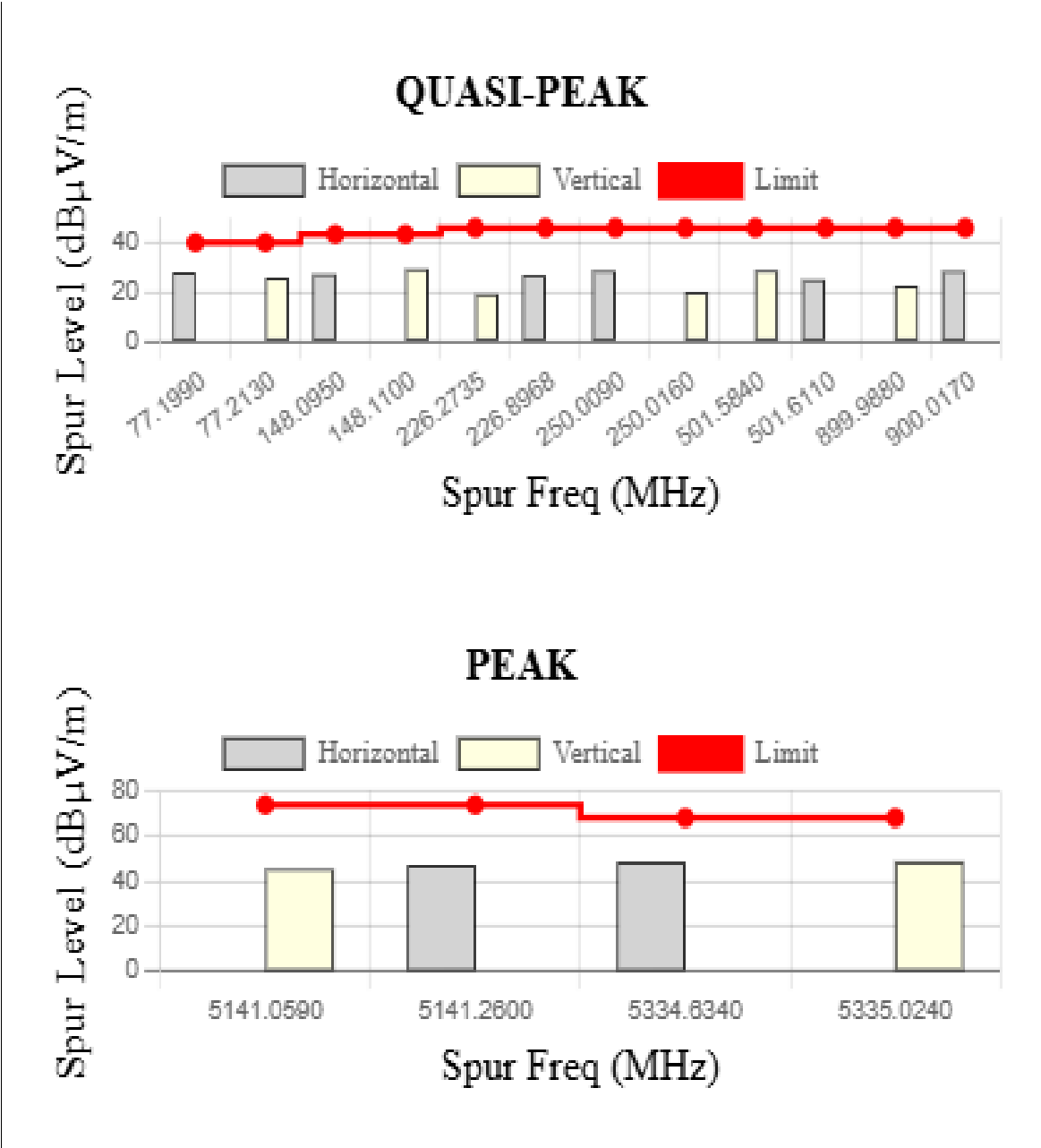
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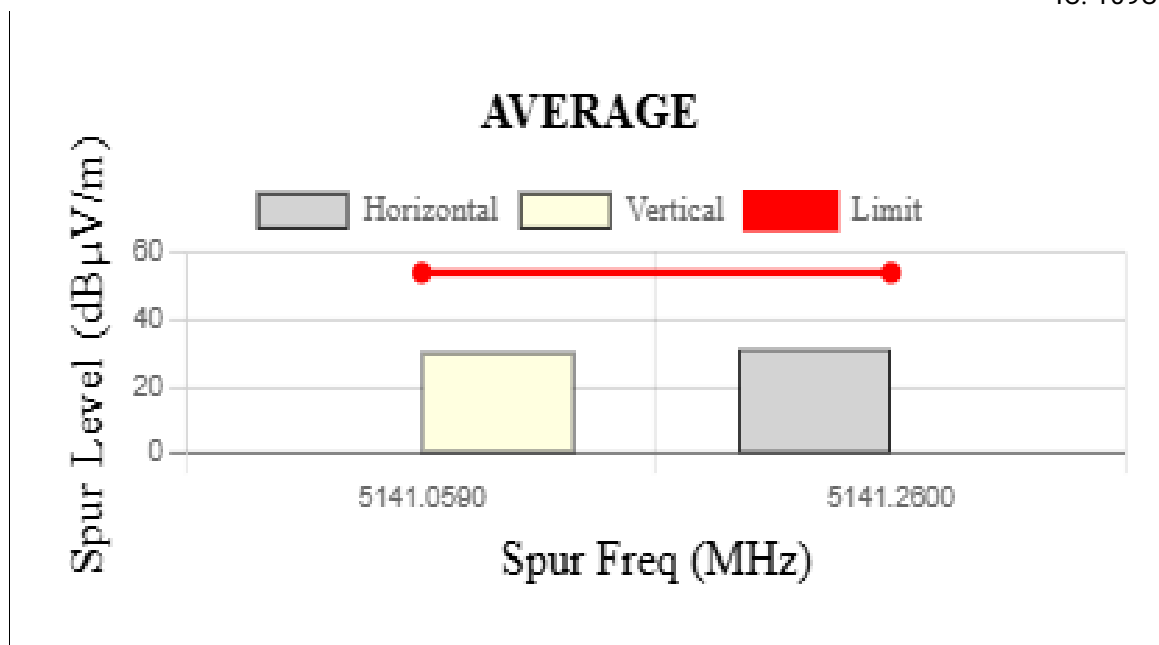
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 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	77.2030	26.38	40.00	13.62
Horizontal	Quasi-Peak	77.2120	28.75	40.00	11.25
Vertical	Quasi-Peak	148.1230	29.33	43.50	14.17
Horizontal	Quasi-Peak	148.1230	27.66	43.50	15.84
Vertical	Quasi-Peak	226.7989	15.31 *	46.00	30.69
Horizontal	Quasi-Peak	226.8739	27.68	46.00	18.32
Horizontal	Quasi-Peak	250.0180	28.20	46.00	17.80
Vertical	Quasi-Peak	250.0270	20.49 *	46.00	25.51
Horizontal	Quasi-Peak	501.5860	28.78	46.00	17.22
Vertical	Quasi-Peak	501.6180	28.32	46.00	17.68
Horizontal	Quasi-Peak	950.0360	28.48	46.00	17.52
Vertical	Quasi-Peak	950.0660	25.19 *	46.00	20.81
Vertical	Peak	4191.6780	46.03 *	74.00	27.97
Vertical	Average	4191.6780	31.87 *	54.00	22.13
Horizontal	Peak	4192.4110	44.50 *	74.00	29.50
Horizontal	Average	4192.4110	30.93 *	54.00	23.07
Horizontal	Peak	4874.8340	50.70 *	74.00	23.30
Horizontal	Average	4874.8340	33.44 *	54.00	20.56
Vertical	Peak	4875.0960	48.64 *	74.00	25.36
Vertical	Average	4875.0960	33.92 *	54.00	20.08
Vertical	Peak	5191.1820	49.50	68.20	18.70
Horizontal	Peak	5191.2300	46.89 *	68.20	21.31
Horizontal	Peak	5892.4630	47.48 *	68.20	20.72
Vertical	Peak	5892.6910	45.67 *	68.20	22.53

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Thu, 14 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

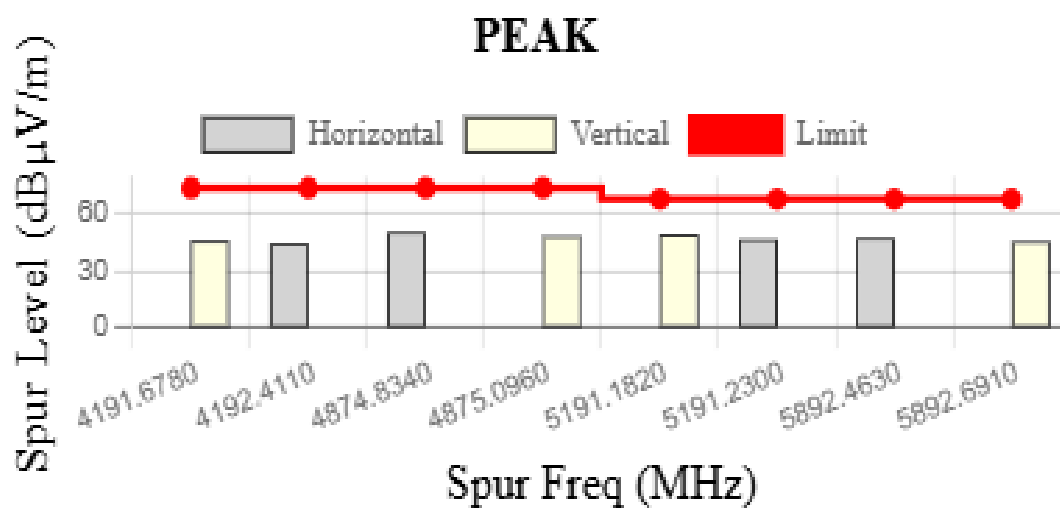
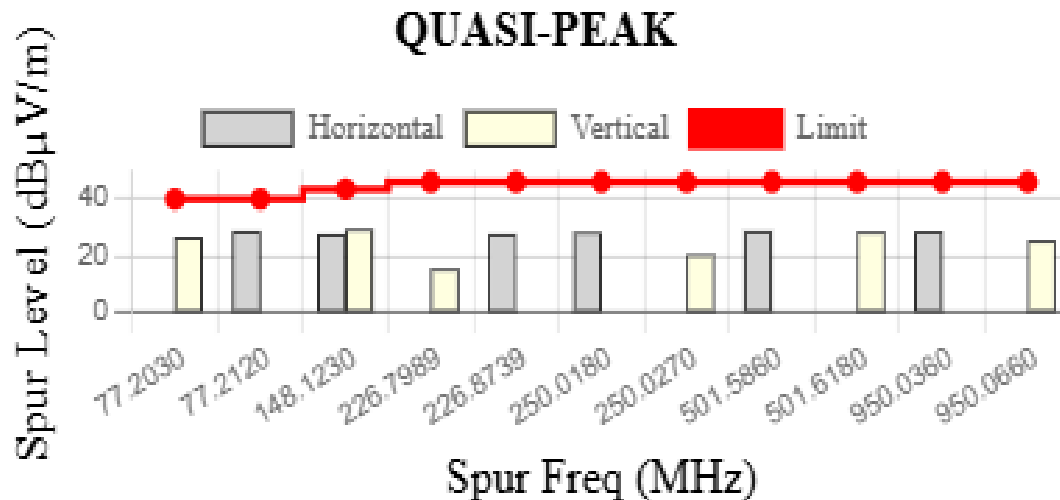
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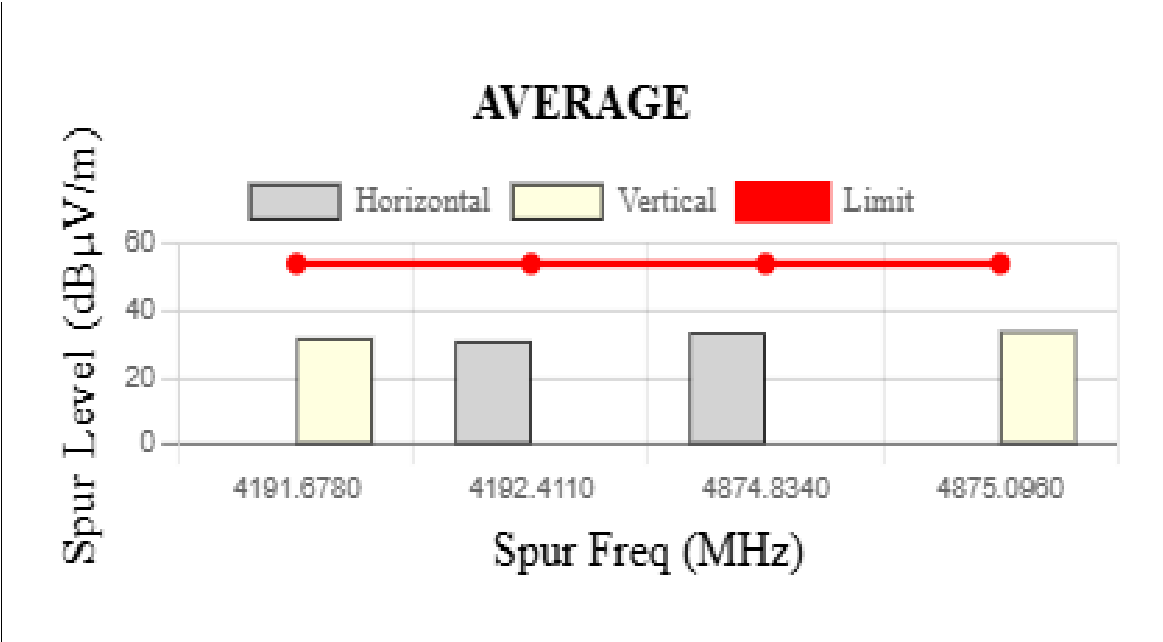
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000 (kHz) :
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	77.2200	20.91	40.00	19.09
Horizontal	Quasi-Peak	77.2280	30.78	40.00	9.22
Horizontal	Quasi-Peak	101.8870	30.48	43.50	13.02
Vertical	Quasi-Peak	101.8940	27.97	43.50	15.53
Horizontal	Quasi-Peak	148.1210	26.22	43.50	17.28
Vertical	Quasi-Peak	148.1370	27.40	43.50	16.10
Horizontal	Quasi-Peak	223.4570	28.05	46.00	17.95
Vertical	Quasi-Peak	223.4919	21.42 *	46.00	24.58
Horizontal	Quasi-Peak	249.9780	24.23 *	46.00	21.77
Vertical	Quasi-Peak	249.9910	20.90 *	46.00	25.10
Horizontal	Quasi-Peak	899.9950	23.53 *	46.00	22.47
Vertical	Quasi-Peak	900.1229	19.63 *	46.00	26.37
Horizontal	Peak	4281.7720	48.61 *	74.00	25.39
Horizontal	Average	4281.7720	34.89	54.00	19.11
Vertical	Peak	4281.9400	47.06 *	74.00	26.94
Vertical	Average	4281.9400	35.03	54.00	18.97
Vertical	Peak	4297.9510	49.30 *	74.00	24.70
Vertical	Average	4297.9510	37.37	54.00	16.63
Horizontal	Peak	4298.0470	50.60 *	74.00	23.40
Horizontal	Average	4298.0470	38.33	54.00	15.67
Horizontal	Peak	5012.5300	46.33 *	74.00	27.67
Horizontal	Average	5012.5300	32.59 *	54.00	21.41
Vertical	Peak	5012.9310	47.70 *	74.00	26.30
Vertical	Average	5012.9310	33.21 *	54.00	20.79
Vertical	Peak	5892.1330	49.87	68.20	18.33
Horizontal	Peak	5892.5450	49.93	68.20	18.27

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

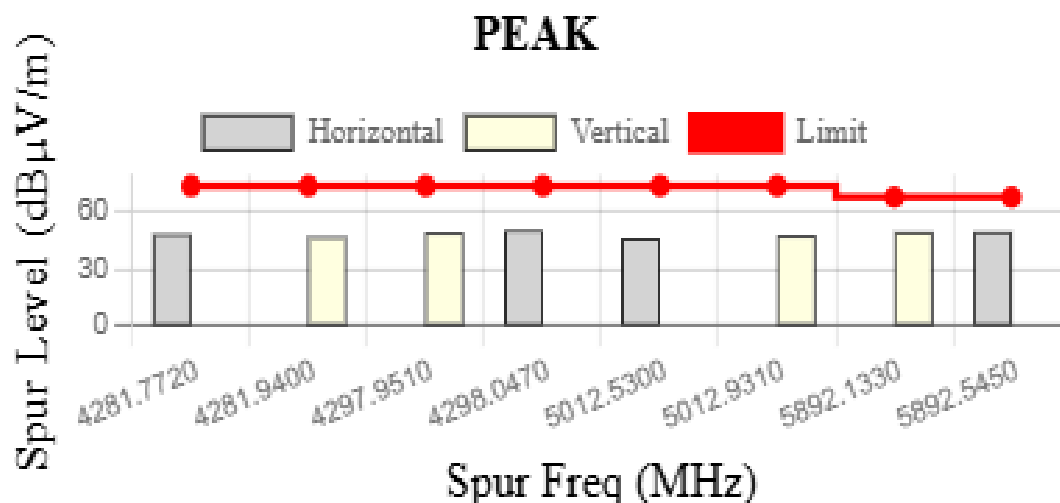
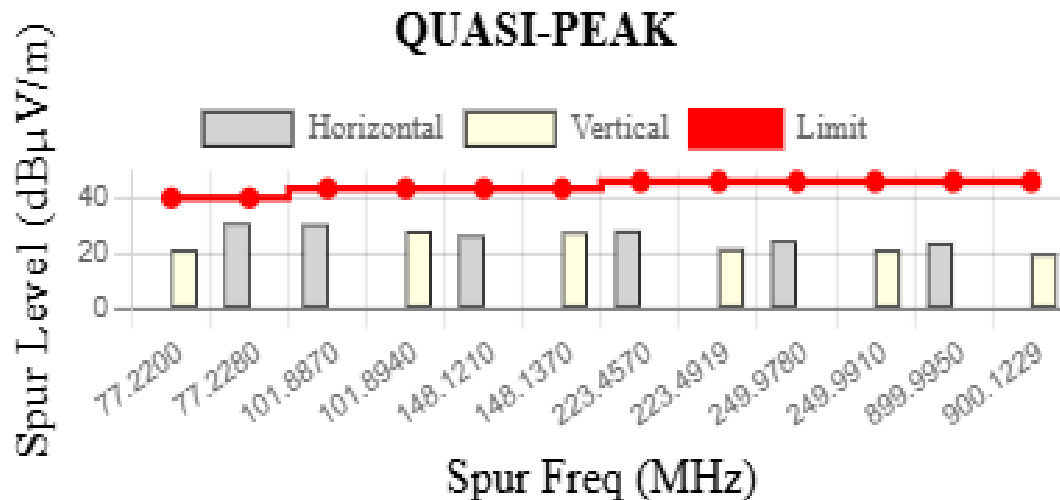
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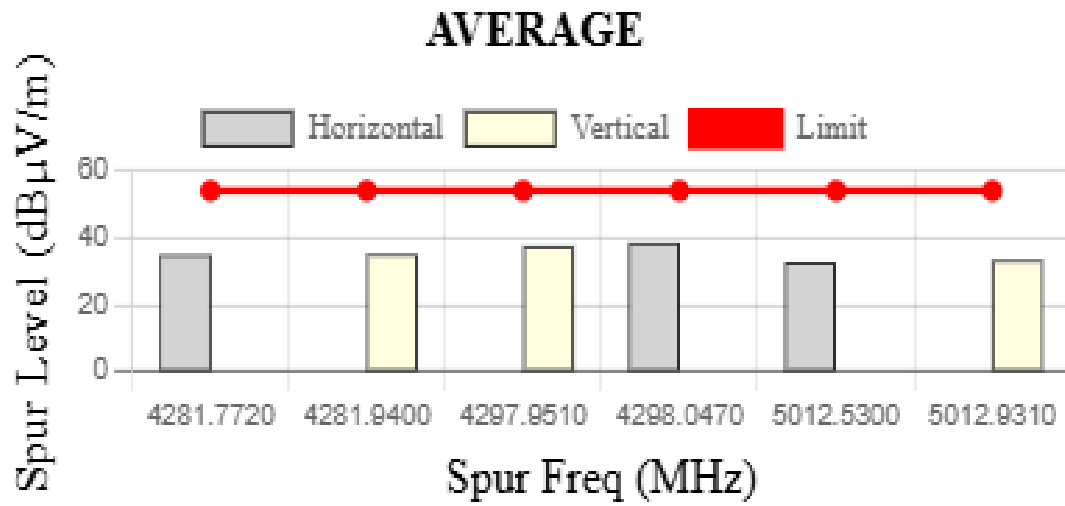
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000 (kHz) :
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	30.4092	19.90 *	40.00	20.10
Vertical	Quasi-Peak	30.8267	19.56 *	40.00	20.44
Vertical	Quasi-Peak	77.1930	16.93 *	40.00	23.07
Horizontal	Quasi-Peak	77.2030	28.83	40.00	11.17
Horizontal	Quasi-Peak	188.0524	21.13 *	43.50	22.37
Vertical	Quasi-Peak	188.1613	17.36 *	43.50	26.14
Vertical	Quasi-Peak	226.6242	12.55 *	46.00	33.45
Horizontal	Quasi-Peak	226.8600	23.96 *	46.00	22.04
Vertical	Quasi-Peak	249.9980	20.17 *	46.00	25.83
Horizontal	Quasi-Peak	249.9990	28.70	46.00	17.30
Vertical	Quasi-Peak	501.5920	26.06	46.00	19.94
Horizontal	Quasi-Peak	501.6169	30.34	46.00	15.66
Horizontal	Peak	4314.9050	43.47 *	74.00	30.53
Horizontal	Average	4314.9050	29.78 *	54.00	24.22
Vertical	Peak	4315.5620	45.11 *	74.00	28.89
Vertical	Average	4315.5620	33.04 *	54.00	20.96
Horizontal	Peak	5020.2300	46.86 *	74.00	27.14
Horizontal	Average	5020.2300	33.20 *	54.00	20.80
Vertical	Peak	5020.8270	50.10 *	74.00	23.90
Vertical	Average	5020.8270	34.59	54.00	19.41
Vertical	Peak	5225.7290	47.16 *	68.20	21.04
Horizontal	Peak	5226.0580	49.20	68.20	19.00
Horizontal	Peak	5388.3000	48.33 *	74.00	25.67
Horizontal	Average	5388.3000	33.83 *	54.00	20.17
Vertical	Peak	5388.3470	47.04 *	74.00	26.96
Vertical	Average	5388.3470	32.32 *	54.00	21.68

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

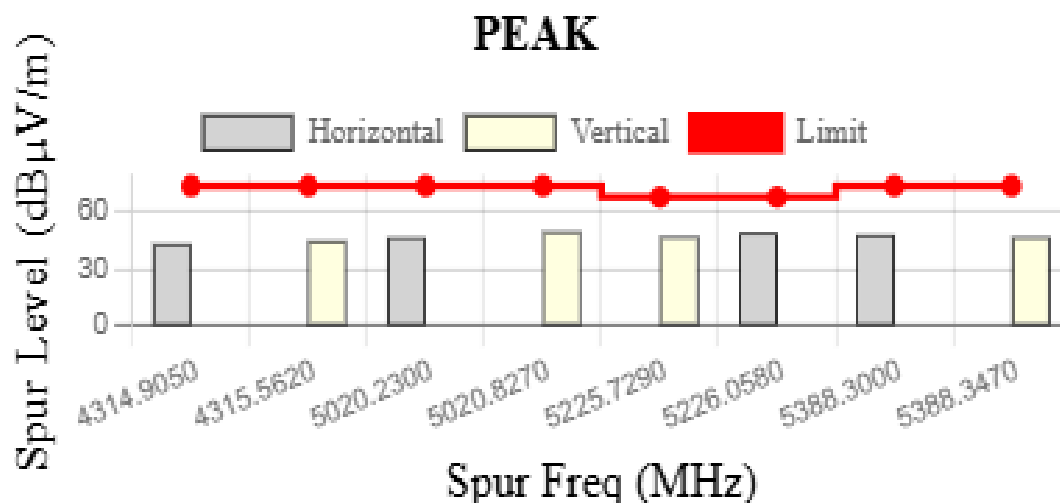
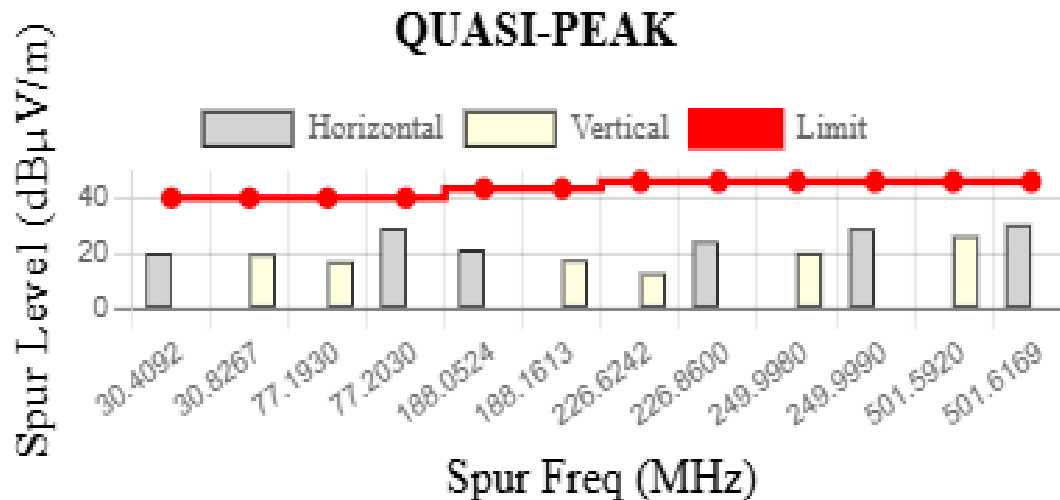
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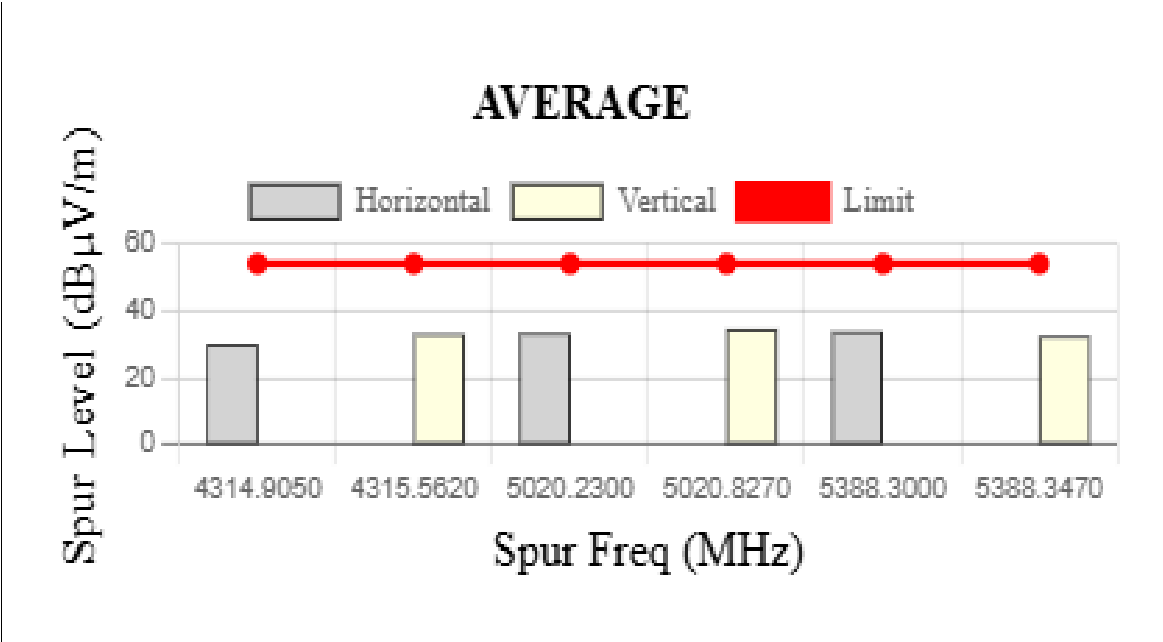
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000 (kHz) :
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	79.2650	28.02	40.00	11.98
Horizontal	Quasi-Peak	79.2864	30.10	40.00	9.90
Horizontal	Quasi-Peak	79.2970	31.47	40.00	8.53
Vertical	Quasi-Peak	79.3074	22.76	40.00	17.24
Horizontal	Quasi-Peak	138.3900	20.49 *	43.50	23.01
Vertical	Quasi-Peak	138.6587	19.40 *	43.50	24.10
Horizontal	Quasi-Peak	223.3960	21.76 *	46.00	24.24
Vertical	Quasi-Peak	223.4490	15.36 *	46.00	30.64
Vertical	Quasi-Peak	249.9780	16.47 *	46.00	29.53
Horizontal	Quasi-Peak	250.0130	23.25 *	46.00	22.75
Horizontal	Quasi-Peak	501.5910	32.10	46.00	13.90
Vertical	Quasi-Peak	501.6000	27.79	46.00	18.21
Horizontal	Peak	4330.7370	48.13 *	74.00	25.87
Horizontal	Average	4330.7370	35.56	54.00	18.44
Vertical	Peak	4330.7660	49.66 *	74.00	24.34
Vertical	Average	4330.7660	37.36	54.00	16.64
Vertical	Peak	4341.2590	50.00 *	74.00	24.00
Vertical	Average	4341.2590	36.11	54.00	17.89
Horizontal	Peak	4341.8600	48.69 *	74.00	25.31
Horizontal	Average	4341.8600	36.01	54.00	17.99
Vertical	Peak	5608.6410	49.28	68.20	18.92
Horizontal	Peak	5609.5540	48.61	68.20	19.59
Horizontal	Peak	5970.3770	46.52 *	68.20	21.68
Vertical	Peak	5970.8470	45.00 *	68.20	23.20

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

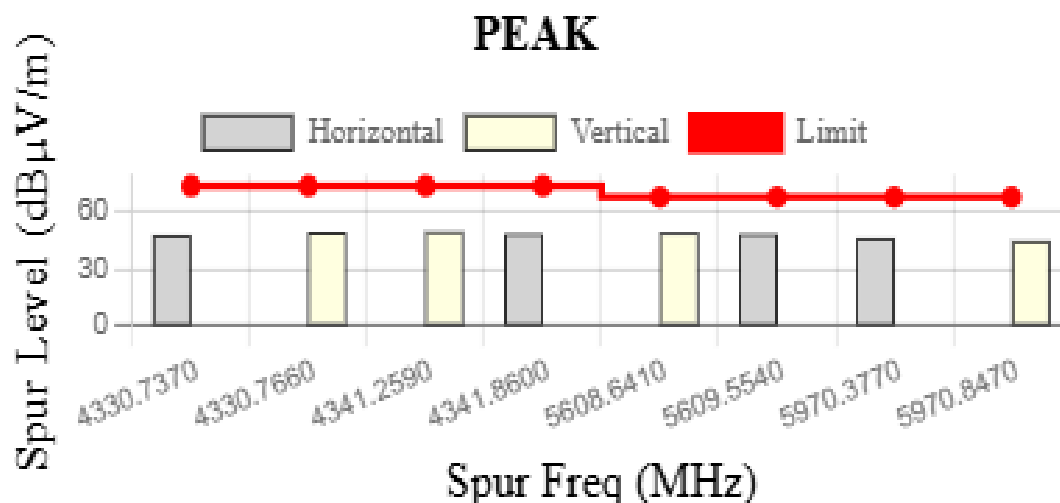
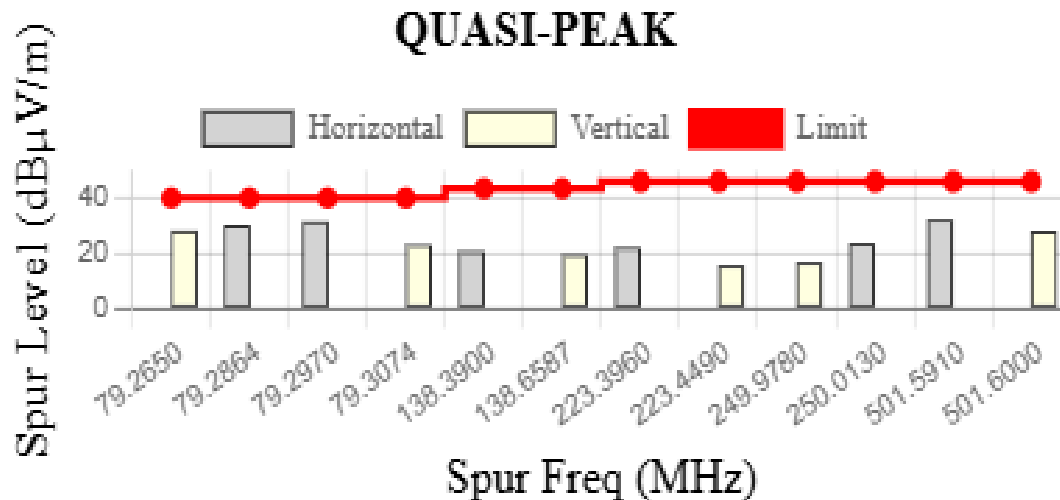
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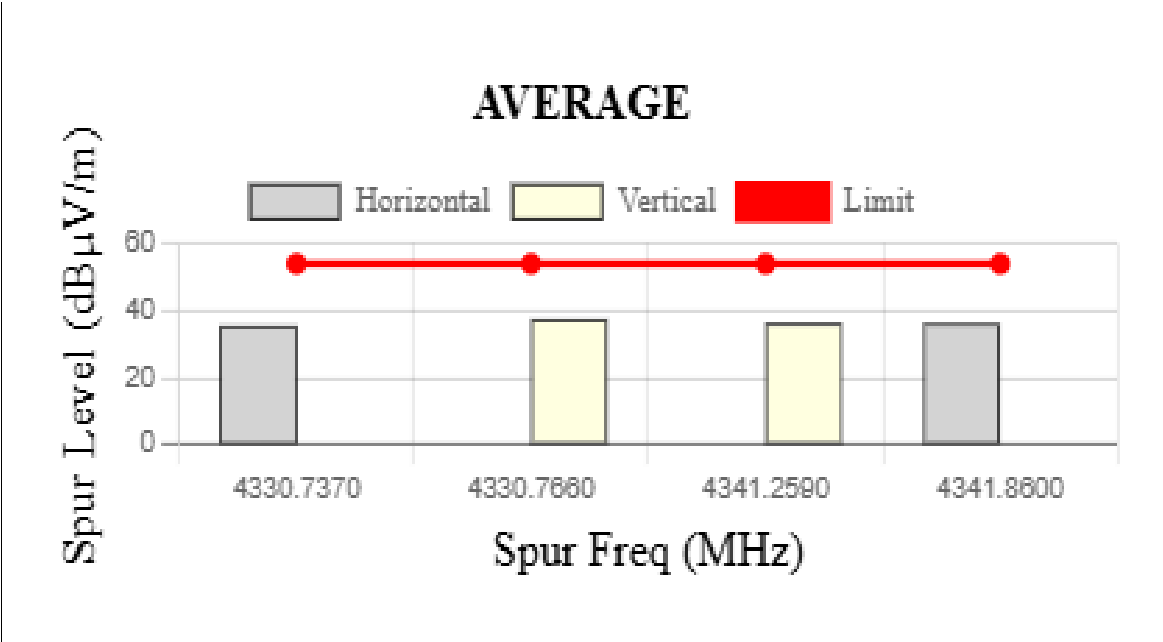
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

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





SAC TX Radiated Emission : 1468N00-EMC-00054

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : Wifi 5.0 GHz 802.11n Channel SP/Bandwidth 20000.0000 (kHz) :
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	Quasi-Peak	77.2030	25.52	40.00	14.48
Horizontal	Quasi-Peak	77.2130	32.61	40.00	7.39
Vertical	Quasi-Peak	148.1040	22.95 *	43.50	20.55
Horizontal	Quasi-Peak	148.1410	29.80	43.50	13.70
Horizontal	Quasi-Peak	185.9545	21.09 *	43.50	22.41
Vertical	Quasi-Peak	186.3561	15.92 *	43.50	27.58
Horizontal	Quasi-Peak	223.4420	24.16 *	46.00	21.84
Vertical	Quasi-Peak	223.4460	12.32 *	46.00	33.68
Vertical	Quasi-Peak	501.6000	28.35	46.00	17.65
Horizontal	Quasi-Peak	501.6000	32.72	46.00	13.28
Horizontal	Quasi-Peak	900.0350	31.14	46.00	14.86
Vertical	Quasi-Peak	900.0520	25.35 *	46.00	20.65
Vertical	Peak	4365.9860	51.16 *	74.00	22.84
Vertical	Average	4365.9860	37.55	54.00	16.45
Horizontal	Peak	4366.0120	48.10 *	74.00	25.90
Horizontal	Average	4366.0120	34.99	54.00	19.01
Horizontal	Peak	4371.1420	48.95 *	74.00	25.05
Horizontal	Average	4371.1420	34.56	54.00	19.44
Vertical	Peak	4371.2750	50.01 *	74.00	23.99
Vertical	Average	4371.2750	37.84	54.00	16.16
Vertical	Peak	5276.8750	45.58 *	68.20	22.62
Horizontal	Peak	5277.1660	45.62 *	68.20	22.58
Horizontal	Peak	5315.0450	47.18 *	68.20	21.02
Vertical	Peak	5315.2520	49.46	68.20	18.74

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 14 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

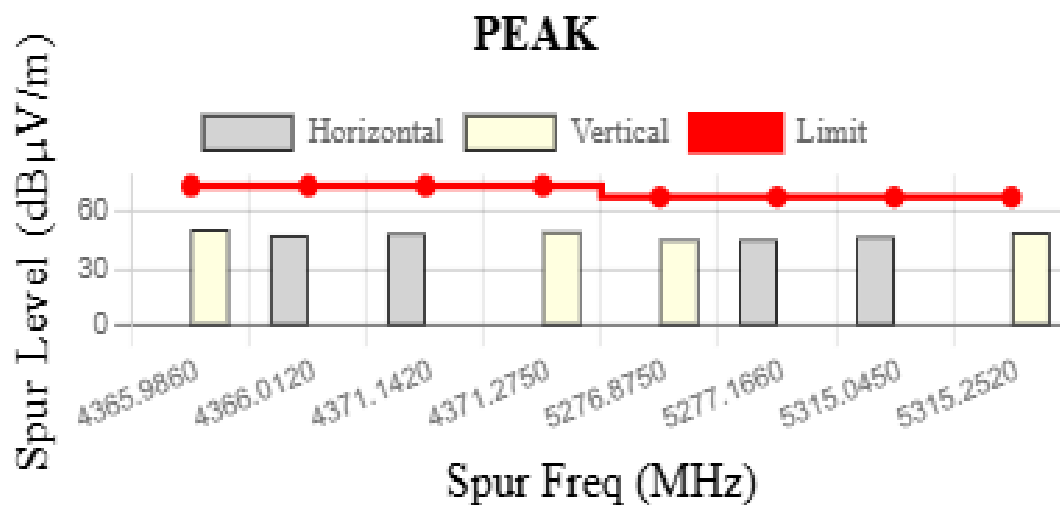
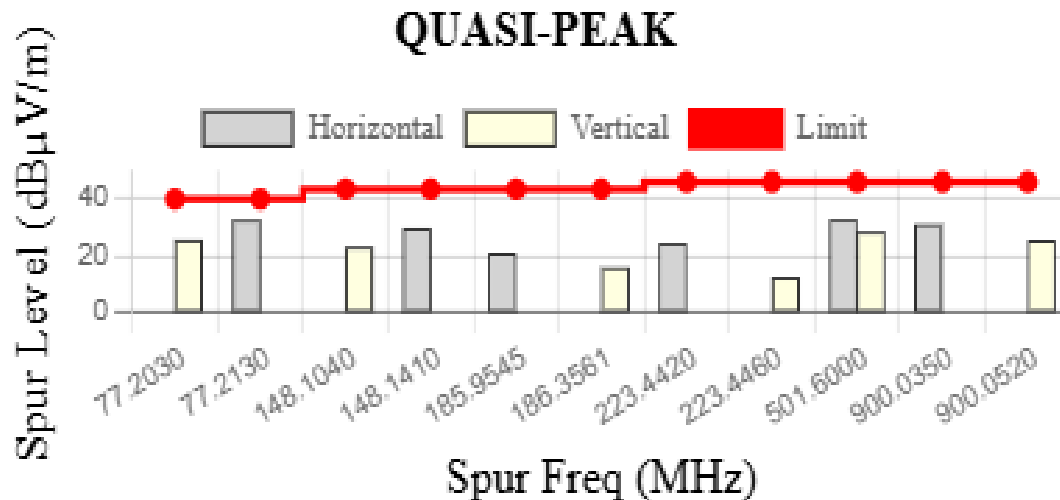
Remarks:

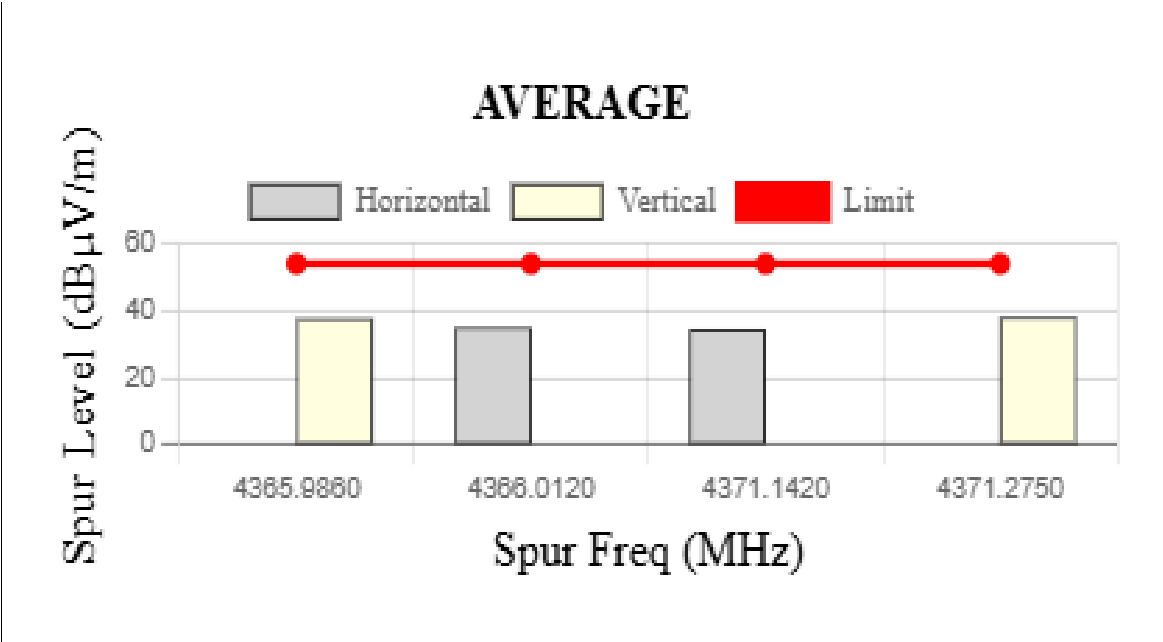
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

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

NOTE :

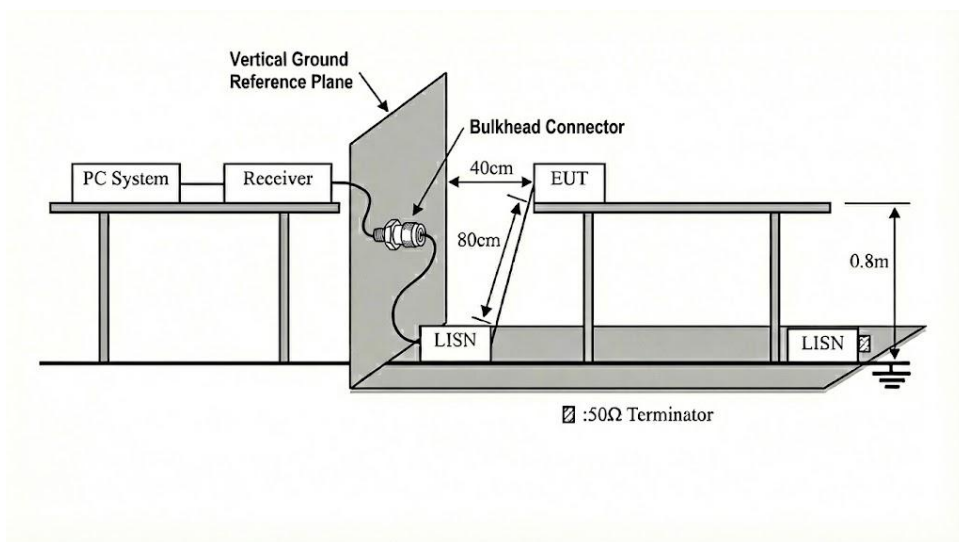
- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





7.8. AC Powerline Conducted Emission

7.8.1. 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.

7.8.2. Test Limits

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

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

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

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

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

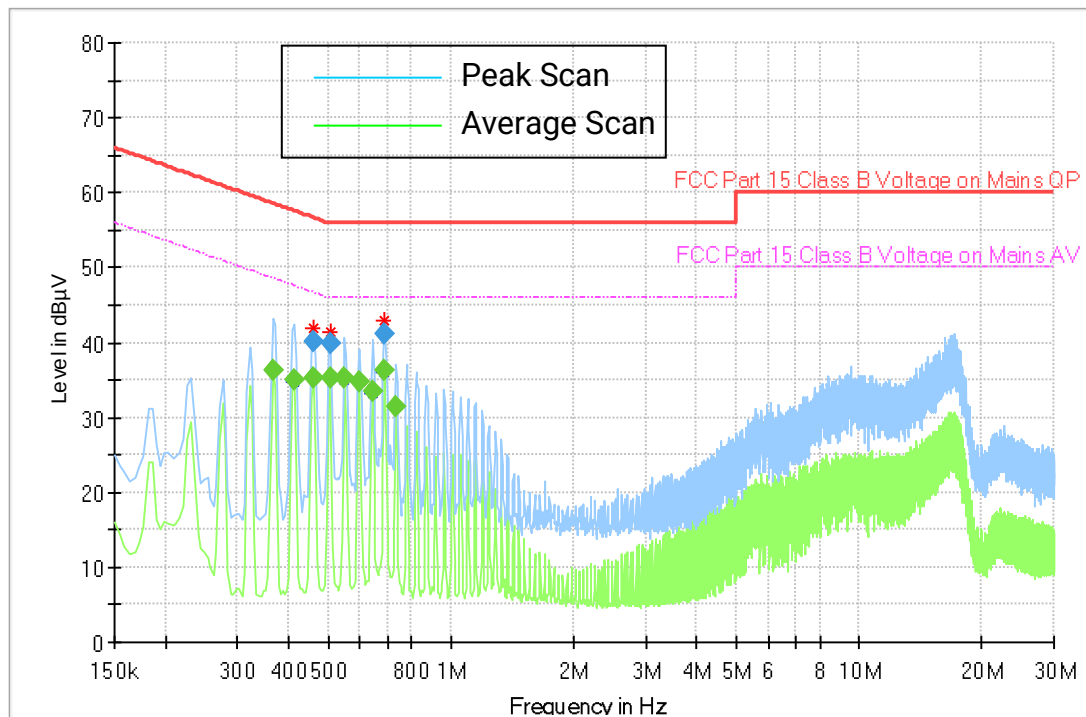
Frequency range MHz	Limits dB(μV)	
	Quasi-peak	Average
0,15 to 0,50	66 to 56	56 to 46
0,50 to 5	56	46
5 to 30	60	50
NOTE 1 The lower limit shall apply at the transition frequencies.		
NOTE 2 The limit decreases linearly with the logarithm of the frequency in the range 0,15 MHz to 0,50 MHz.		

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

7.8.3. Test Data

1) WIFI 5GHz Transmit CH: 5720MHz, Mod: 802.11a

Full Spectrum



QuasiPeak and Average Measurement

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.366000	---	36.34	48.59	12.25	L1	ON	10.0
0.415500	---	34.90	47.54	12.64	L1	ON	10.0
0.460500	---	35.28	46.68	11.41	L1	ON	10.0
0.460500	40.24	---	56.68	16.44	L1	ON	10.0
0.505500	---	35.34	46.00	10.66	L1	ON	10.0
0.505500	39.95	---	56.00	16.05	L1	ON	10.0
0.550500	---	35.19	46.00	10.81	L1	ON	10.0
0.595500	---	34.84	46.00	11.16	L1	ON	10.0
0.645000	---	33.38	46.00	12.62	N	ON	9.9
0.690000	---	36.17	46.00	9.83	L1	ON	9.9
0.690000	41.06	---	56.00	14.94	N	ON	9.9
0.735000	---	31.44	46.00	14.56	L1	ON	9.9

END OF TEST REPORT