



FCC LISTED, REGISTRATION
NUMBER: 2764.01

ISED LISTED REGISTRATION
NUMBER: 23595-1

Test Report No:
5849ERM.005A1

Test Report

USA FCC Part 15.407, 15.209
CANADA RSS-247, RSS-Gen

(*) Identification of item tested	Telematic system with wireless technologies
(*) Trademark	Mercedes-Benz
(*) Model and /or type reference	HERMES 4.0
Other identification of the product	FCC ID: T8GHERMES40 IC: 6434A-HERMES40
(*) Features	WLAN, GNSS, 5G-NAD-Module
Applicant	HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH BECKER-GOERING-STR. 16; 76307 KARLSBAD GERMANY
Test method requested, standard	USA FCC Part 15.407 (01-26-2026) Edition : Unlicensed National Information Infrastructure (U-NII) Devices. General technical requirements. USA FCC Part 15.209 (01-26-2026) Edition: Radiated emission limits; general requirements. USA FCC Part 15.207 (01-26-2026) Edition: Conducted limits; general requirements. CANADA RSS-247 Issue 3 (August 2023). CANADA RSS-Gen Issue 5 Amendment 2 (February 2021). Guidance for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices 789033 D02 General U-NII Test Procedures New Rules v02r01 dated Dec 14, 2017 ANSI C63.10-2020/Cor1-2023+C63.10a-2024+Errata to C63.10a-2024: American National Standard for Testing Unlicensed Wireless Devices.
Summary	IN COMPLIANCE
Approved by (name / position & signature)	Domingo Galvez EMC&RF Lab Manager  Digitally signed by Domingo Galvez DN: cn=Domingo Galvez, o=DeKra Certification Inc., ou=Regulatory Lab Manager, email=domingo.galvez@dekra.com, c=US
Date of issue	2026-10-21
Report template No	FDT08_25 (*) "Data provided by the client"

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Acronyms

Acronym ID	Acronym Description
Avg Power	Maximum Average Conducted Output Power
DC	Duty Cycle
Detector	Detector used
Ebw	Emission Bandwidth
Freq	Frequency
Freq Rng	Frequency Range
Inband Peak Lvl	Inband Peak Level
Lvl	Level
MP	Measurement Point
Max EIRP	Maximum Burst EIRP
Mod	Modulation
Occ Ch BW	Occupied Channel Bandwidth
Operation Band	Operation Band
PSD	Power Spectral Density
Pol	Polarization
Port	Active Port
RU	Resource Unit
TPC	TPC
Unwanted Freq	Unwanted Emissions Frequency
Unwanted Lvl	Unwanted Emissions Level

Competences and guarantees

DEKRA Certification Inc. is a testing laboratory accredited by A2LA (The American Association for Laboratory Accreditation), to perform the tests indicated in the Certificate 2764.01 and CAB ID US0215.

DEKRA Certification Inc. is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA Certification Inc. has a calibration and maintenance program for its measurement equipment.

DEKRA Certification Inc. guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated on the report and, it is based on the knowledge and technical facilities available at DEKRA Certification at the time of performance of the test.

DEKRA Certification Inc. is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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General conditions

- 1 This report is only referred to the item that has undergone the test.
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4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA Certification Inc. and the Accreditation Bodies.

Uncertainty

Uncertainty (factor k=2) was calculated according to the DEKRA Certification internal document PODT000.

Test case	Frequency (MHz)	U (k=2)	Units
RF Power and PSD	5150-5850	0.88	dB
Occupied Bandwidth		1.87	%
Band Edge		0.64	dB
Conducted Spurious Emission	30 - 1000	0.48	dB
	1000 - 40000	0.94	dB
Radiated Spurious Emission	30-180	4.27	dB
	180-1000	3.14	dB
	1000-18000	3.30	dB
	18000-40000	3.49	dB

Data provided by the client

The following data has been provided by the client:

1. Information relating to the description of the sample ("Identification of the item tested", "Trademark", "Model and/or type reference tested").
2. The sample consists of Hardware for Enhanced Remote-, Mobility- & Emergency Services.

DEKRA declines any responsibility with respect to the information provided by the client and that may affect the validity of results.

Usage of samples

Samples undergoing test have been selected by: The client.

The sample(s) is composed of the following elements, accessories, and auxiliary equipment:

Id	Control Number	Description	Manufacturer / Model	Serial N°	Date of Reception	Application
S/01	5856/02	Telematic system	Harman / HERMES 4.0	--	2026/17/03	Element Under Test
S/02	5856/07	Telematic system	Harman / HERMES 4.0	--	2026/17/03	Element Under Test
S/01	5856/09	ZB ANTENNE TEL 5G	-	-	2026/17/03	Accessory
S/01	5856/10	ZB ANTENNE TEL 5G	-	-	2026/17/03	Accessory
S/01	5856/11	HARNESS	-	-	2026/17/03	Accessory

Sample S/01 was used for all the conducted tests and S/02 was used for all Radiated tests indicated in appendix A.

Test sample description

Test Sample description (compulsory information for EMC and RF testing services)

Ports..... :	Port name and description		Cable							
			Specified length [m]	Attached during test	Shielded	Coupled to patient				
	Main Connector		2m	☒	☐	☐				
	GNSS in/out		2m	☒	☒	☐				
	NAD antenna		2m	☒	☒	☐				
			NA	☐	☐	☐				
			NA	☐	☐	☐				
Supplementary information to the ports..... :	No data provided									
Rated power supply	Voltage and Frequency		Reference poles							
			L1	L2	L3	N PE				
	☐	AC:	☐	☐	☐	☐				
	☐	AC:	☐	☐	☐	☐				
	☐	DC:								
	☒	DC: 12V car battery								
Rated Power	12V									
Clock frequencies.....	No data provided									
Other parameters	No data provided									
Software version	E900									
Hardware version	D1									
Dimensions (W x H x D).....	135mm x 102mm x 25mm									
Mounting position	☐	Table top equipment								
	☐	Wall/Ceiling mounted equipment								
	☐	Floor standing equipment								
	☐	Hand-held equipment								
	☒	Other: OEM installation inside the car								
Modules/parts..... :	Module/parts of test item		Type		Manufacturer					
	No data provided									

Accessories (not part of the test item)	Description	Type	Manufacturer
	CAN-Box for weakup	CAN-Box	HARMAN
Documents as provided by the applicant	Description	File name	Issue date
	Technical Description		
	TCF incl. Layout, Schematic, BOM		
	Declaration Equipment Data	FDT30_18 Declaration Equipment Data	2026/01/01

Copy of marking plate:

			
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(3) Only for Medical Equipment

Identification of the client

HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH
BECKER-GÖRING-STR. 16; 76307 KARLSBAD
GERMANY

Testing period and place

Test Location	DEKRA Certification Inc. 405 Glenn Dr. Suite 12, Sterling, VA 20164 United States of America
Date (start)	2026-04-08
Date (finish)	2026-05-26

Document history

Report number	Date	Description
5849ERM.005	2026-06-30	First release.
5849ERM.005A1	2026-10-21	Second release. Updated the 30-1 frequency range test data, modified the test report based on RCB comments. This modified test report cancels and replaces the test report 5849ERM.005.

Environmental conditions

In the control chamber, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860mbar Max. = 1060mbar

In the semianechoic chamber, the following limits were not exceeded during the test.

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860mbar Max. = 1060mbar

In the chamber for conducted measurements, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860mbar Max. = 1060mbar

Remarks and comments

The tests have been performed by the technical personnel: Prudhvi Kothapalli, Nicoleta Plesko and Yuri Barone.

Testing verdicts

Fail	F
Inconclusive	I
Not applicable	N/A
Not measured	N/M
Pass	P

Summary

U-NII Band: 5.15 - 5.85 GHz

FCC PART 15 PARAGRAPH / RSS-247			
Requirement	Test case	Verdict	Remark
FCC 15.407	[AvCP] Maximum Conducted output power	P	Refer 1
FCC 15.407	[PSD] Transmitter Maximum Power Spectral Density	P	Refer 1
FCC 15.407	[6dBW] 6 dB Emission Bandwidth	P	Refer 2
FCC 15.407	[RSE] Transmitter Out of Band Radiated Emissions For transmitters operating solely	P	Refer 1
FCC 15.407	[BndEdge] Transmitter Band Edge Radiated Emissions	P	Refer 1
FCC 15.35	[DC] Duty Cycle	P	Refer 1
FCC 15.403	[EBW] Transmitter 26 dB Emission Bandwidth	P	--
FCC 15.207	Continuous conducted emission on Power leads	N/A	Refer 3

Supplementary information and remarks:

1. The test set-up was made in accordance to the general provisions of ANSI C63.10-2020/Cor1-2023 and FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
2. The results of this test case only applicable for U-NII-3 (5.75 - 5.85 GHz)
3. According with the requirements of FCC Rules and Regulations, title 47, Chapter I, Subchapter A, Part 15, Subpart C, §15.207 Conducted limits, (c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

List of equipment used during the test

FCC 47 CFR Part 15.407 / RSS-247 / RSS-248

Test Equipment for Radiated emission (RSE) testing

Control Num	Equipment	Manufacturer	Serial	Model	Next calibration
00981	LOW NOISE PREAMPLIFIER (1-18GHz)	BONN ELEKTRONIK	1711156B	BLMA0118-2A	2027-02-21
01010	ESR7 EMI TEST RECEIVER	RHODE & SCHWARZ	101790	ESR7	2027-04-11
01014	FSV40 SIGNAL ANALYZER 40GHZ	RHODE & SCHWARZ	101626	FSV40	2026-10-04
01056	3116C DOUBLE-RIDGED WAVEGUIDE HORN ANTENNA (18-40GHz)	ETS LINDGREN	00213179	3116C	2027-02-23
01057	3115 DOUBLE-RIDGED WAVEGUIDE HORN ANTENNA (750 MHz-18 GHz)	ETS LINDGREN	00211373	3115	2026-07-18
01065	3142E BICONILOG ANTENNA	ETS LINDGREN	00208587	3142E	2028-02-03
01108	ETHERNET SNMP THERMOMETER	HW GROUP	60038026954	HWg-STE Plain	2026-10-18
01111	ETHERNET SNMP THERMOMETER	HW GROUP	60038026577	HWg-STE Plain	2026-10-24
01179	SEMI-ANECHOIC CHAMBER	FRANKONIA	F169021	SAC 3plus 'L'	---
01213	CONTROL ROOM	FRANKONIA	F169021-1	CR	---
01314	WIRELESS MEASUREMENT SOFTWARE R&S EMC32	RHODE & SCHWARZ	1040-OT102236	---	---
01472	ETHERNET SNMP THERMOMETER	HW Group	60038038794	HWg-STE Plain	2026-10-24
01473	ETHERNET SNMP THERMOMETER	HW GROUP	60038038777	HWg-STE Plain	2026-10-24
01481	SEMI-ANECHOIC CHAMBER	FRANKONIA	-	SAC-3 Square L	---
01564	CONTROL ROOM 2	FRANKONIA	F219025-1	CR	---
01566	FRANKONIA TRANSPARENT RF SQUARE TEST TABLE	FRANKONIA	RFSqtab01	RF Sq table	---
01567	FRANKONIA TRANSPARENT RF SQUARE TEST TABLE	FRANKONIA	RFSqtab02	RF Sq table	---

Test Equipment for RF Conducted testing

Control Num	Equipment	Manufacturer	Serial	Model	Next calibration
01042	SMBV 100A VECTOR SIGNAL GENERATOR	Rohde & Schwarz	262575	SMBV100A	2027-06-06
01313	WIRELESS MEASUREMENT SOFTWARE R&S WMS32	Rohde & Schwarz	---	---	---
01374	ESR7 EMI TEST RECEIVER	Rohde & Schwarz	102390	ESR7	2027-06-05
01474	ETHERNET SNMP THERMOMETER	HW Group	60038038766	HWg-STE Plain	2026-10-24
01491	SMB 100B SIGNAL GENERATOR	Rohde & Schwarz	103471	SMB100B	2028-03-20
01543	ESPEC CHMBER UNIT	Thermal Product Solutions TPS	R26963-02	T10C-F4T-C	2026-12-13
01569	SHIELDED CHAMBER - 2	Frankonia	F219025-3	RF Lab - 2	---

Appendix A: Tests results for the Band 5.15–5.85 GHz

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<i>Section 15.407 Subclause 15.403(i) [Ebw] Transmitter 26 dB Emission Bandwidth (EBW).....</i>	<i>279</i>

PRODUCT INFORMATION

The following information is provided by the client

Information	Description
Modulation	WLAN: CCK, DSSS, OFDM
Adaptive	non adaptive equipment
- Operating Frequency Range	UNII-1: 5150 - 5250 MHz UNII-3: 5725 – 5850 MHz
- Nominal Channel Bandwidth	20/40/80 MHz
- RF Output Power	Depending on target market - for details please compare table in technical description
Extreme operating conditions	
- Temperature range	-20°C ~ + 55°C
Antenna type	Internal PCB antenna
Antenna gain	4.01 @ 5 GHz
Nominal Voltage	
- Supply Voltage	12 Vdc
- Type of power source	Battery
Equipment type	WLAN according IEEE 802.11 b/g/n/a/ac
Geo-location capability	No

A prescan was performed to determine the worst-case scenario. Worst-case scenario detected is shown in the test results.

The test set-up was made in accordance to the general provisions of FCC Unlicensed National Information Infrastructure (U-NII) Devices 789033 D02 General U-NII Test Procedures New Rules v02r01 dated Dec 14, 2017.

The EUT was tested in the following operating mode:

- Continuously transmitting with a modulated carrier at maximum power in all required channels using the supported data rates/modulations types.

The field strength at the band edges was evaluated for each mode on the lowest and highest channels at the rated power for the channel under test.

For all modes, the EUT was configured in test mode using a software application. The application was used to enable a continuous transmission and to select the test channels as required. The client supplied instructions to configure the EUT. The customer supplied a document containing the setup instructions.

The worst cases for testing were identified for output power and spurious levels at the band edges which were selected based on preliminary testing that correspond to next data rates:

6Mbps for 802.11a, MCS 0 for 802.11n20/40 and MCS 0 for 802.11ac20/40/80.

TEST CONDITIONS

(*): Data provided by the client.

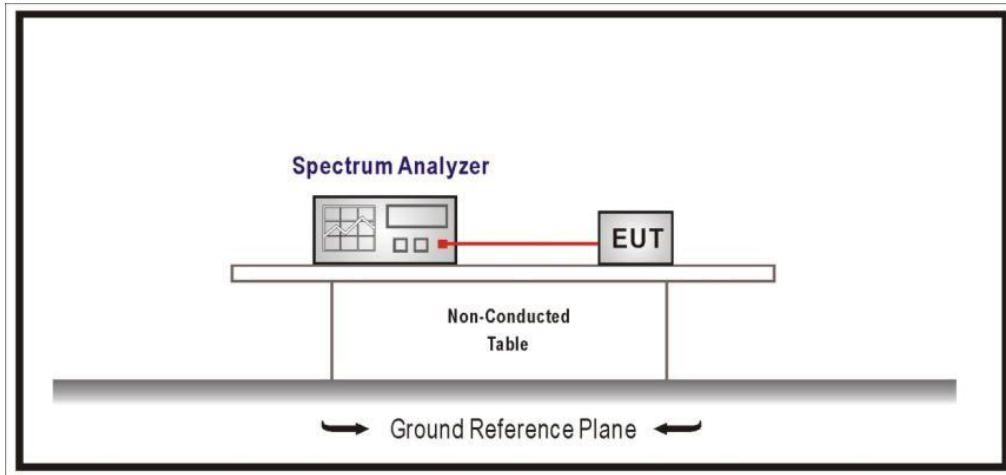
TEST CONDITIONS	DESCRIPTION
TC/01 ⁽¹⁾ (a mode)	<u>Power supply (V):</u> $V_{\text{nominal}} = 12 \text{ Vdc}$ <u>Channel Bandwidth:</u> 20 MHz <u>Test Frequencies for Conducted/Radiated tests:</u> <u>UNII 1-3</u> Frequencies: 5180, 5200, 5240, 5745, 5785, 5825 MHz
TC/02 ⁽¹⁾ (n mode)	<u>Power supply (V):</u> $V_{\text{nominal}} = 12 \text{ Vdc}$ <u>Channel Bandwidth:</u> 20 MHz <u>Test Frequencies for Conducted/Radiated tests:</u> <u>UNII 1-3</u> Frequencies: 5180, 5200, 5240, 5745, 5785, 5825 MHz <u>Channel Bandwidth:</u> 40 MHz <u>Test Frequencies for Conducted/Radiated tests:</u> <u>UNII 1-3</u> Frequencies: 5190, 5230, 5755, 5795 MHz
TC/03 ⁽¹⁾ (ac mode)	<u>Power supply (V):</u> $V_{\text{nominal}} = 12 \text{ Vdc}$ <u>Channel Bandwidth:</u> 20 MHz <u>Test Frequencies for Conducted/Radiated tests:</u> <u>UNII 1-3</u> Frequencies: 5180, 5200, 5240, 5745, 5785, 5825 MHz <u>Channel Bandwidth:</u> 40 MHz <u>Test Frequencies for Conducted/Radiated tests:</u> <u>UNII 1-3</u> Frequencies: 5190, 5230, 5755, 5795 MHz <u>Channel Bandwidth:</u> 80 MHz <u>Test Frequencies for Conducted/Radiated tests:</u> <u>UNII 1-3</u> Frequencies: 5210, 5775 MHz

Directional Antenna Gain Calculations

Directional gain = *GANT* + *Array Gain*

CONDUCTED MEASUREMENTS:

The equipment under test was set up in a shielded room and it is connected to the TS8997 using a low loss RF cable. The reading of the spectrum analyser is corrected considering the cable loss.



RADIATED MEASUREMENTS:

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at 3 m for the frequency ranges 30-1000 MHz (Bilog antenna) and 1-18 GHz (Double ridge horn antennas) and at 1m for the frequency range 18-40 GHz (Double ridge horn antennas).

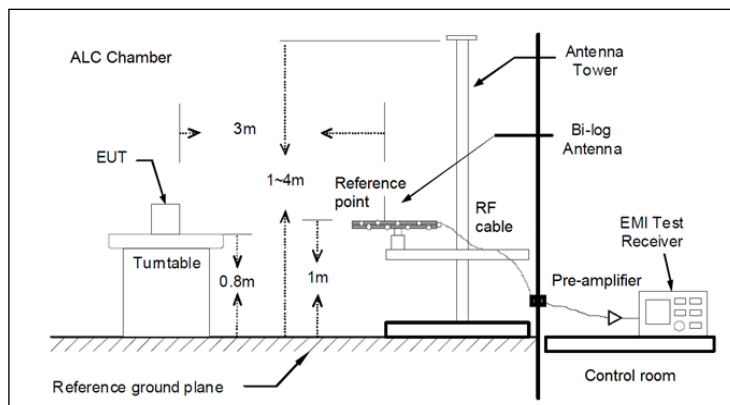
For radiated emissions in the range 18-40 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

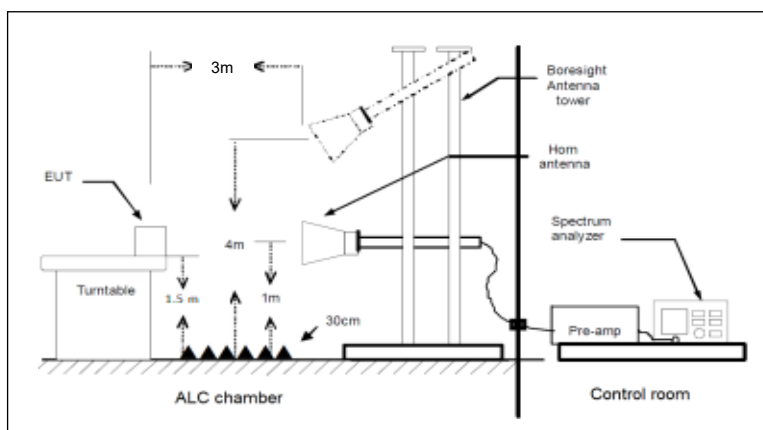
Measurements were made in both horizontal and vertical planes of polarization.

The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

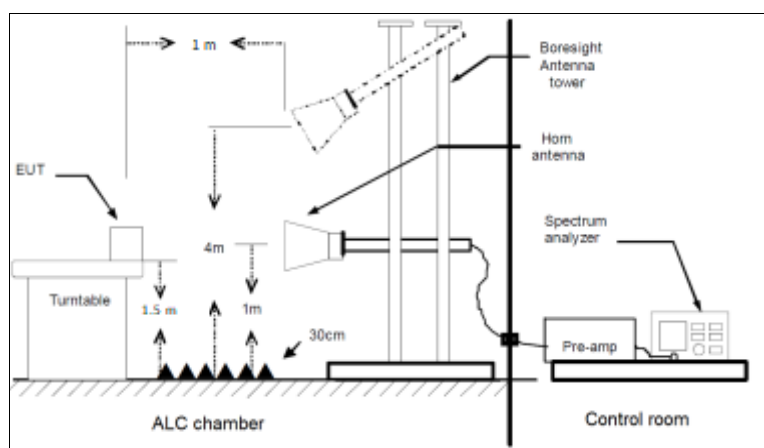
Radiated measurements Setup $f < 1$ GHz



Radiated measurements setup $1 < f < 18$ GHz



Radiated measurements setup $f > 18$ GHz



TEST CASES DETAILS

FCC 47 CFR Part 15.407 / RSS-247 / RSS-248

RSS-247 6.2.4.1 / FCC 15.407 (a) (3) [Avcp] Maximum Conducted output power

Limits

USA FCC Part 15.407 (01-26-2026):

FCC 15.407 (a)(1)(i): In the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

FCC 15.407 (a)(2): For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC 15.407 (a)(3)(i): For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

CANADA RSS-247 Issue 4 (July 2025):

7.3.1.2 Power Limits (Frequency band 5150-5250 MHz)

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of:

- a. 30 mW; or
- b. $1.76 + 10 \log_{10} B$, dBm

OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

7.3.2.2 Power Limits (Frequency band 5250-5350 MHz)

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of:

- a. 30 mW; or
- b. $1.76 + 10 \log_{10} B$, dBm.

OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

All other devices shall comply with the following:

- a. the maximum power spectral density shall not exceed 11 dBm/MHz and the maximum conducted output power shall not exceed the lesser of:
 - i. 250 mW; or
 - ii. $11 + 10 \log_{10} B$, dBm.

- b. the maximum e.i.r.p. shall not exceed the lesser of:
 - i. 1.0 W; or
 - ii. $17 + 10 \log_{10} B$, dBm.
- c. Devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

7.3.3.2 Power Limits (Frequency band 5470-5725 MHz)

Equipment operating in the band 5470-5725 MHz band shall comply with the following power limits:

- a. the maximum conducted output power shall not exceed the lesser of:
 - i. 250 mW; or
 - ii. $11 + 10 \log_{10} B$, dBm.
- b. the maximum power spectral density shall not exceed 11 dBm/MHz.
- c. the maximum e.i.r.p. shall not exceed the lesser of:
 - i. 1.0 W; or
 - ii. $17 + 10 \log_{10} B$, dBm.
- d. equipment with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

7.3.4.3 Power Limits (Frequency band 5725-5850 MHz)

Equipment operating in the band 5725-5850 shall comply with the following power limits:

- a. the maximum conducted output power shall not exceed 1 W

When using transmitting antennas with a directional gain exceeding 6 dBi, the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5150, 5850]	1	5180.00000	No	12.21	8.20
		5200.00000		11.71	7.70
		5240.00000		12.61	8.60
		5745.00000		8.81	4.80
		5785.00000		8.31	4.30
		5825.00000		8.41	4.40

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

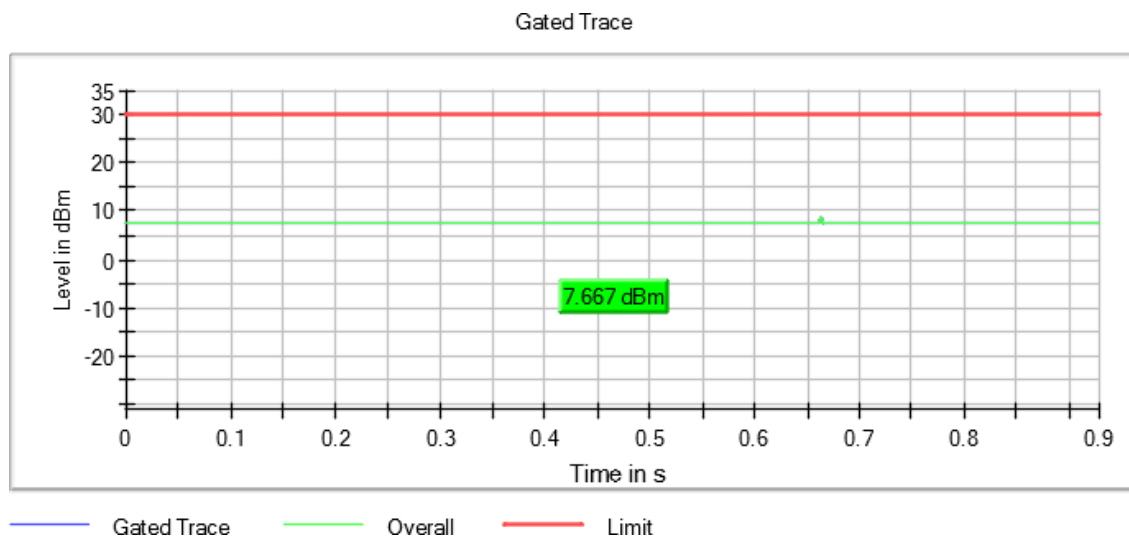
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

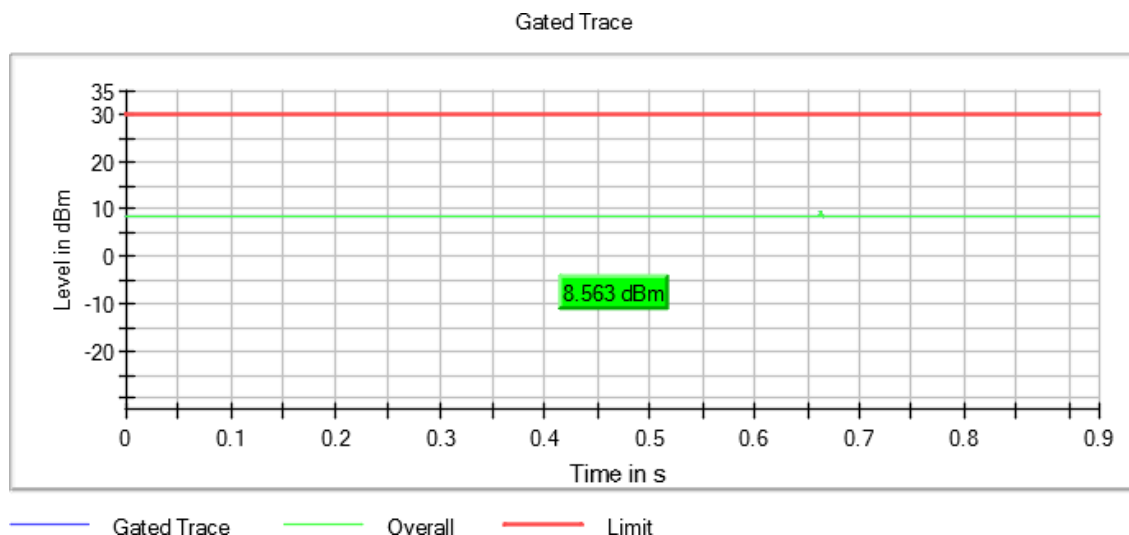
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

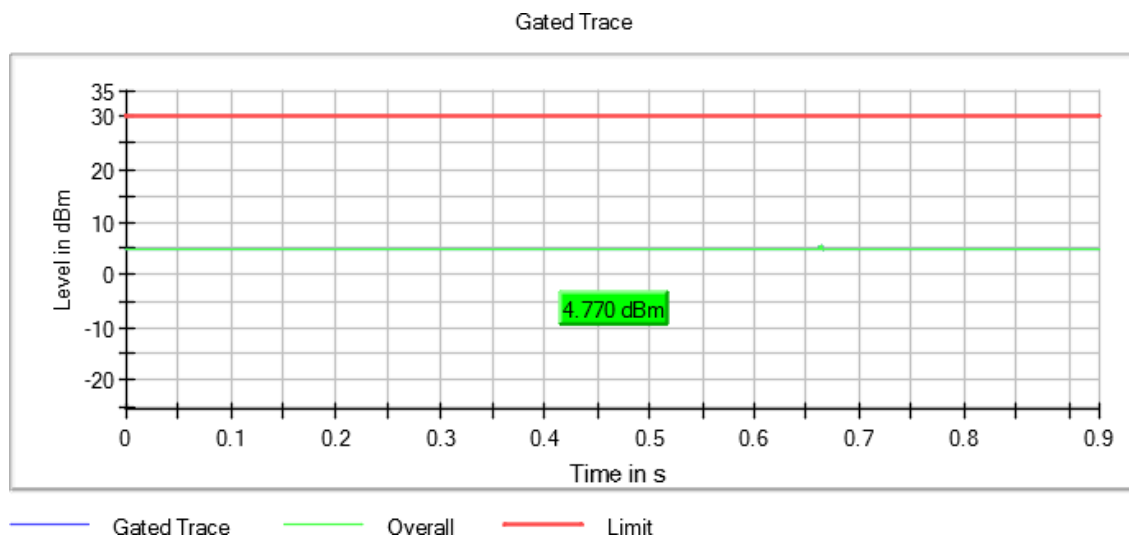
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

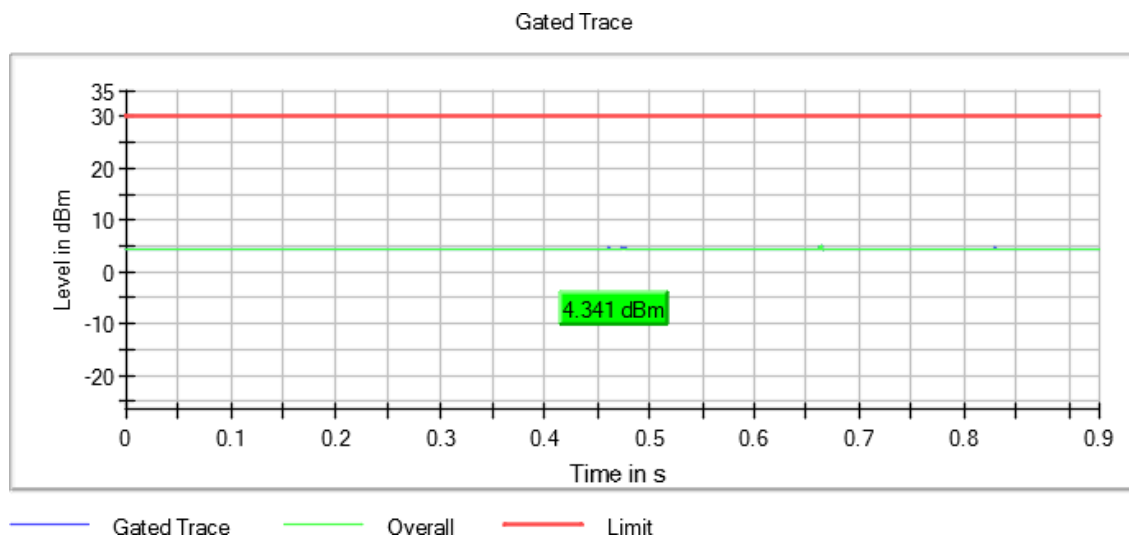
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

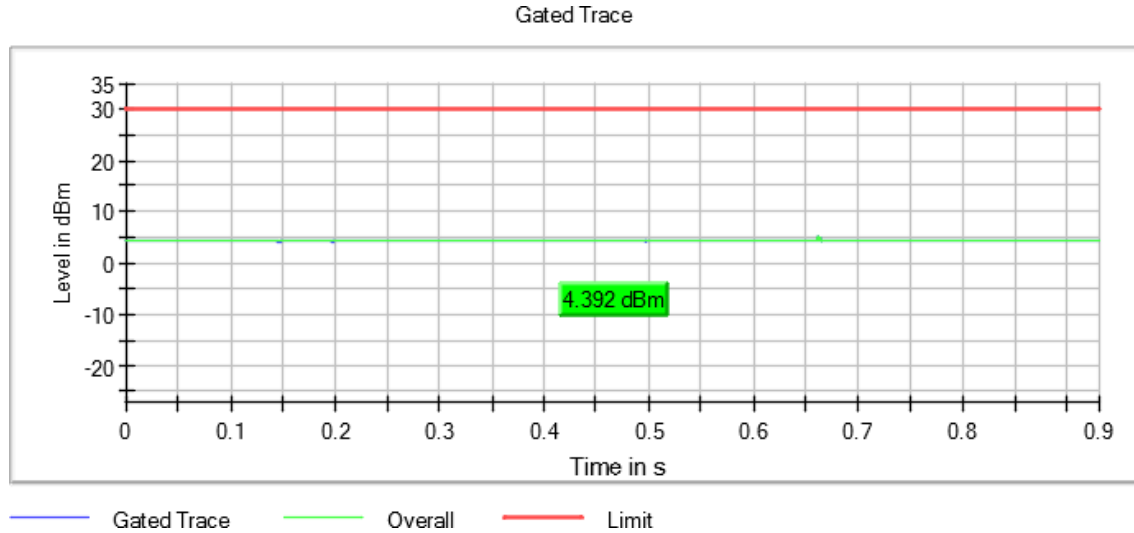
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Modulation: 802.11n HT40 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5150, 5850]	1	5190.00000	No	10.61	6.60
		5230.00000		10.81	6.80
		5755.00000		9.81	5.80
		5795.00000		8.91	4.90

Verdict

Pass

Attachments

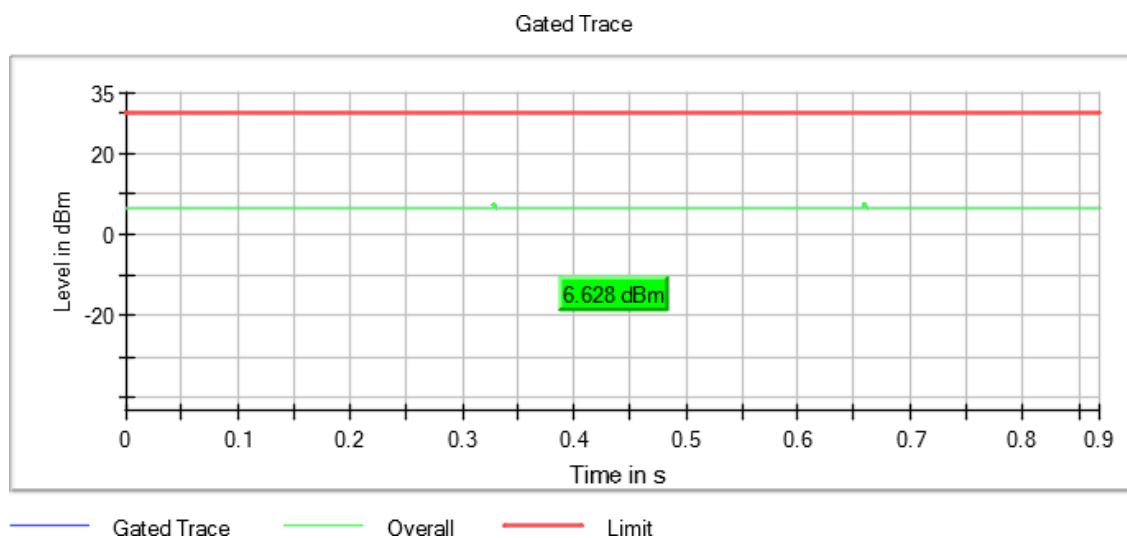
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000

Modulation = 802.11n HT40 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

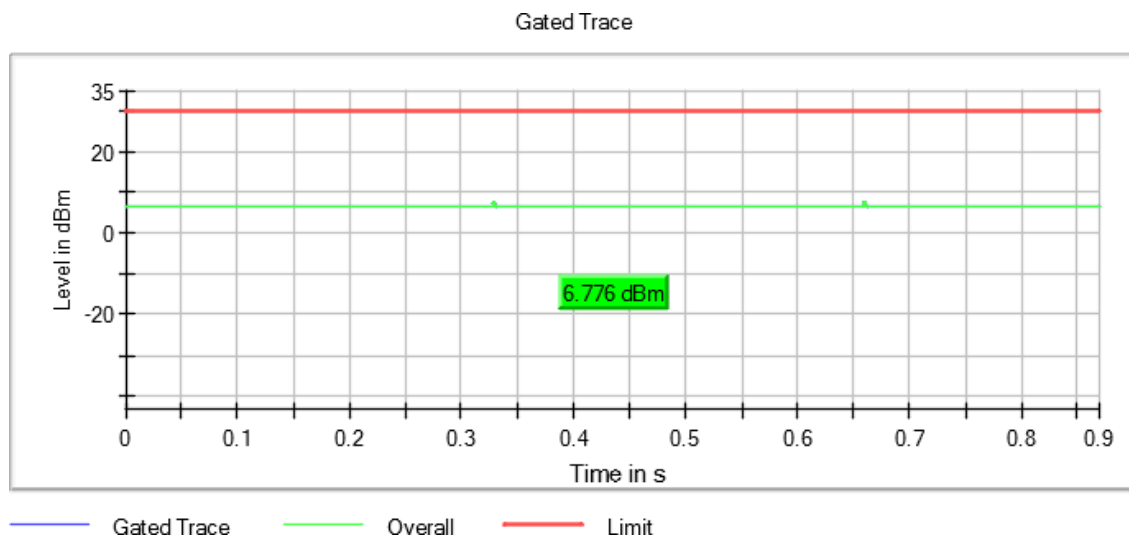
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000

Modulation = 802.11n HT40 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

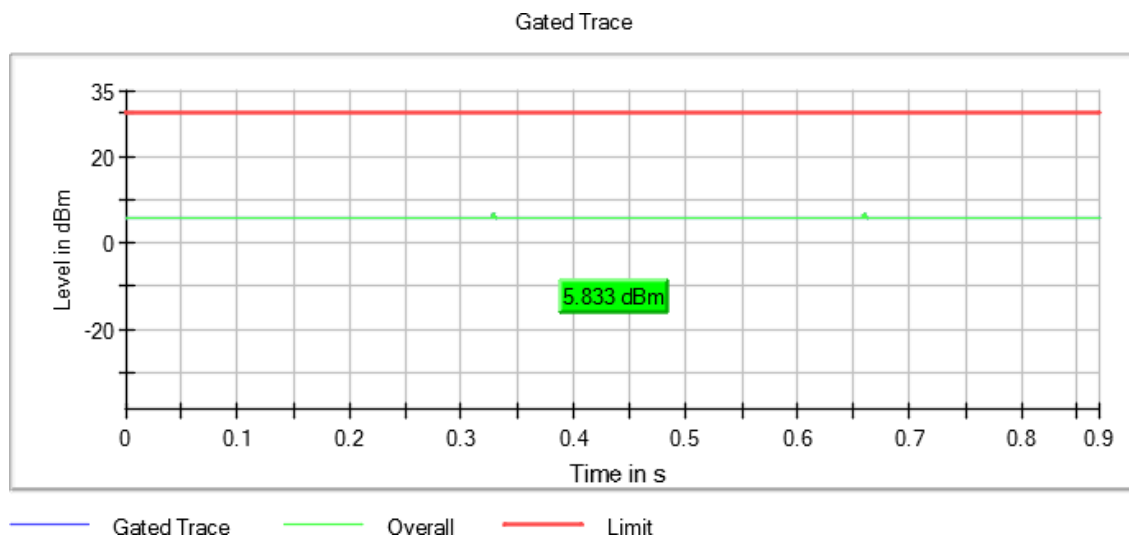
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000

Modulation = 802.11n HT40 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

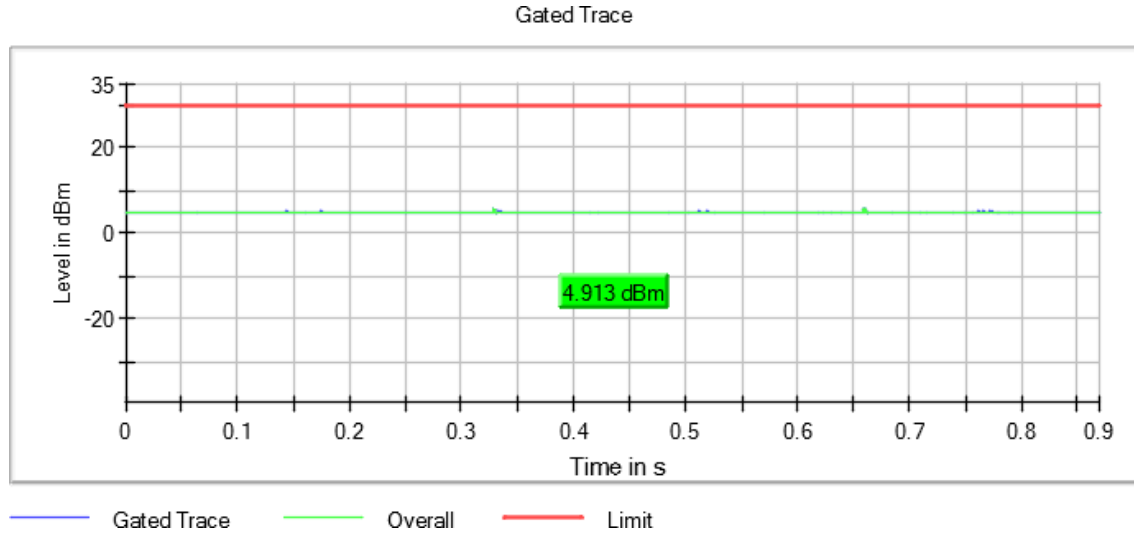
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000

Modulation = 802.11n HT40 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Modulation: 802.11a (OFDM 6 Mbit/s)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5150, 5850]	1	5180.00000	No	12.21	8.20
		5200.00000		11.41	7.40
		5240.00000		12.31	8.30
		5745.00000		8.81	4.80
		5785.00000		8.41	4.40
		5825.00000		8.21	4.20

Verdict

Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

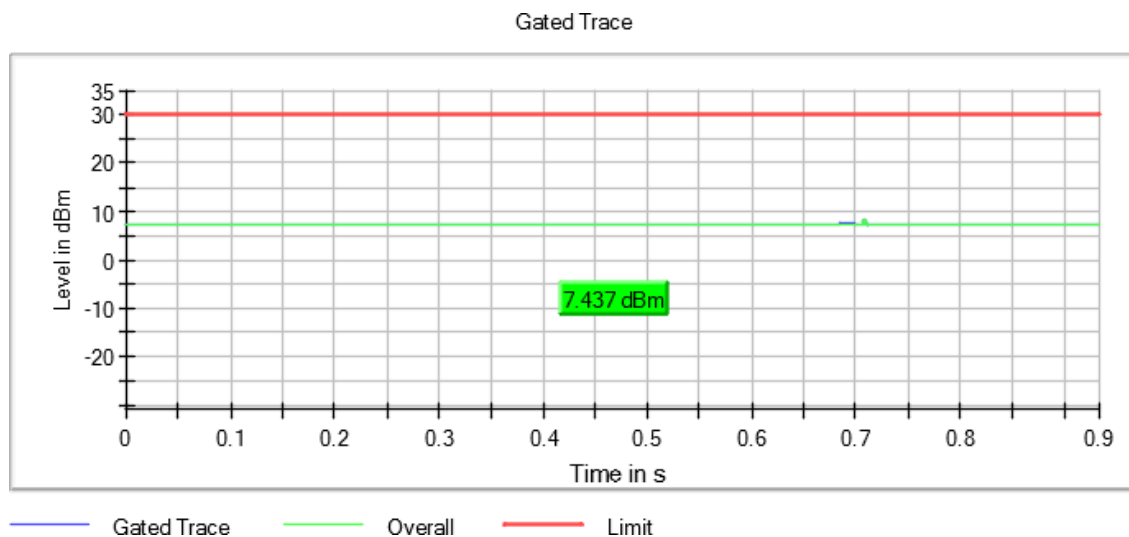
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11a (OFDM 6 Mbit/s)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

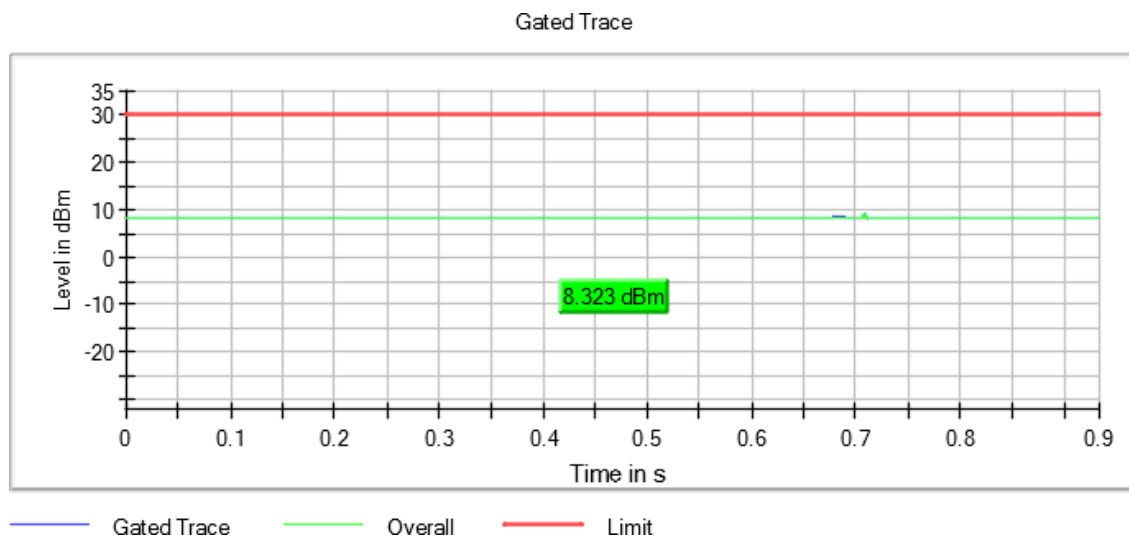
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000

Modulation = 802.11a (OFDM 6 Mbit/s)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

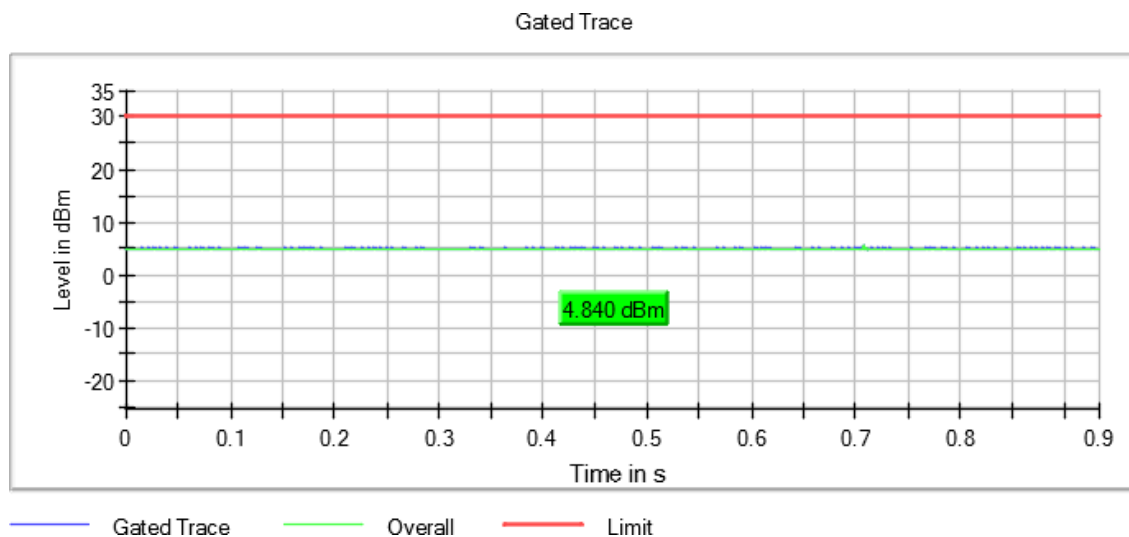
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000

Modulation = 802.11a (OFDM 6 Mbit/s)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

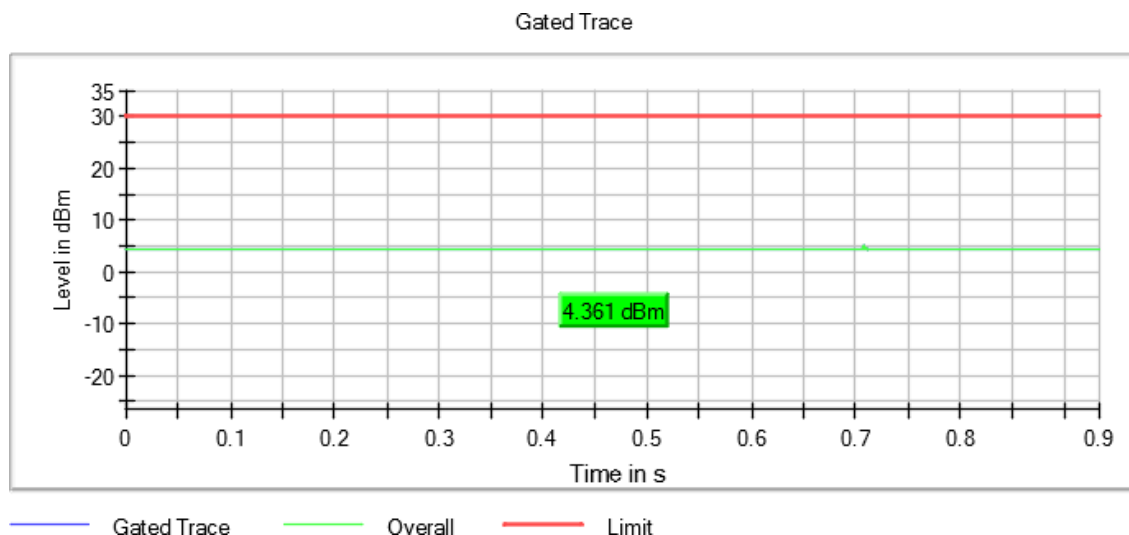
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000

Modulation = 802.11a (OFDM 6 Mbit/s)

TPC = No

Images:



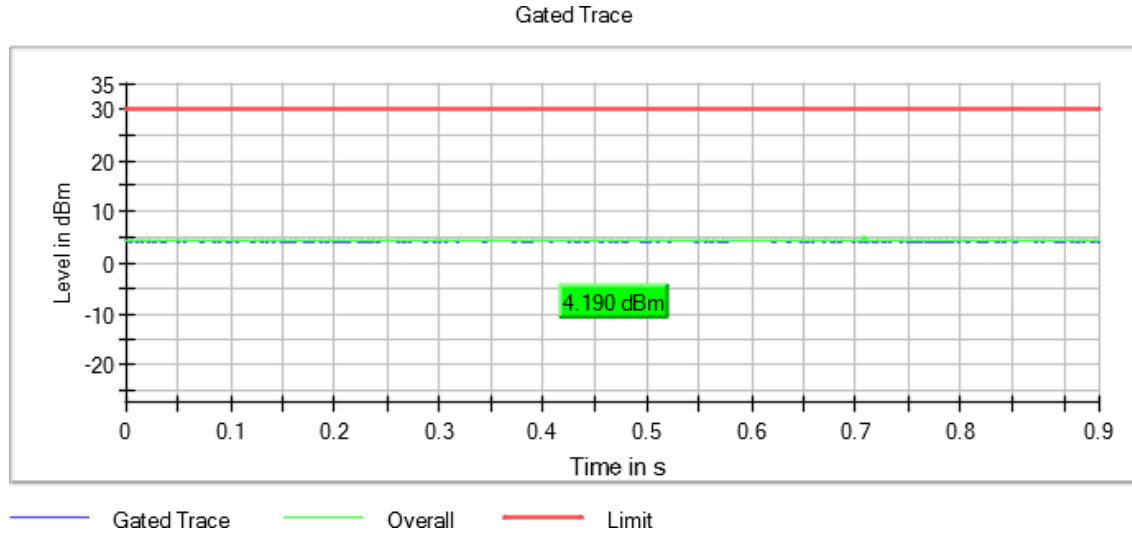
Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Modulation: 802.11ac VHT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5150, 5850]	1	5180.00000	No	12.31	8.30
		5200.00000		11.81	7.80
		5240.00000		12.51	8.50
		5745.00000		9.01	5.00
		5785.00000		8.71	4.70
		5825.00000		8.41	4.40

Verdict

Pass

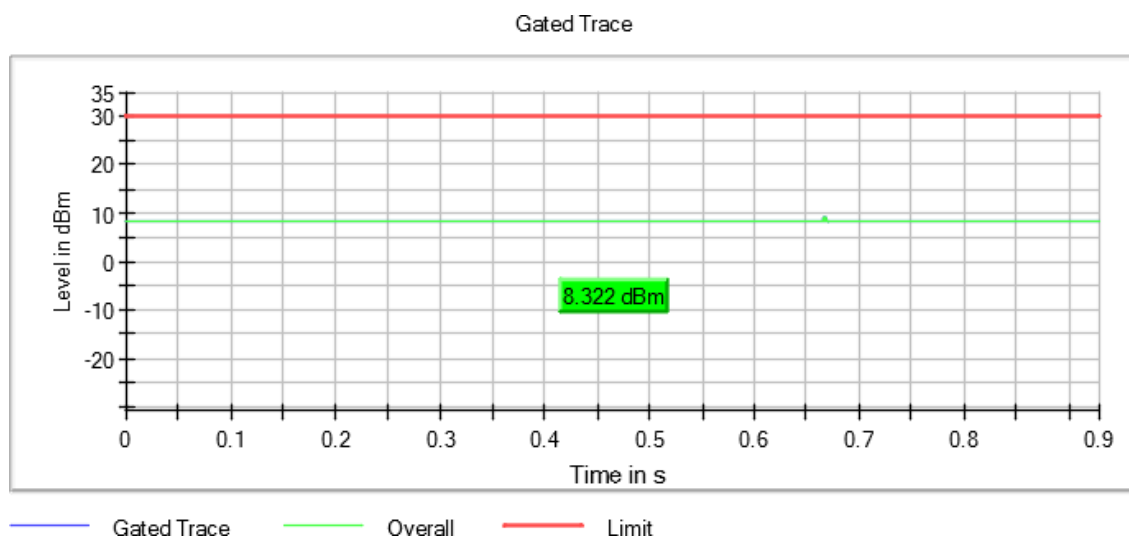
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

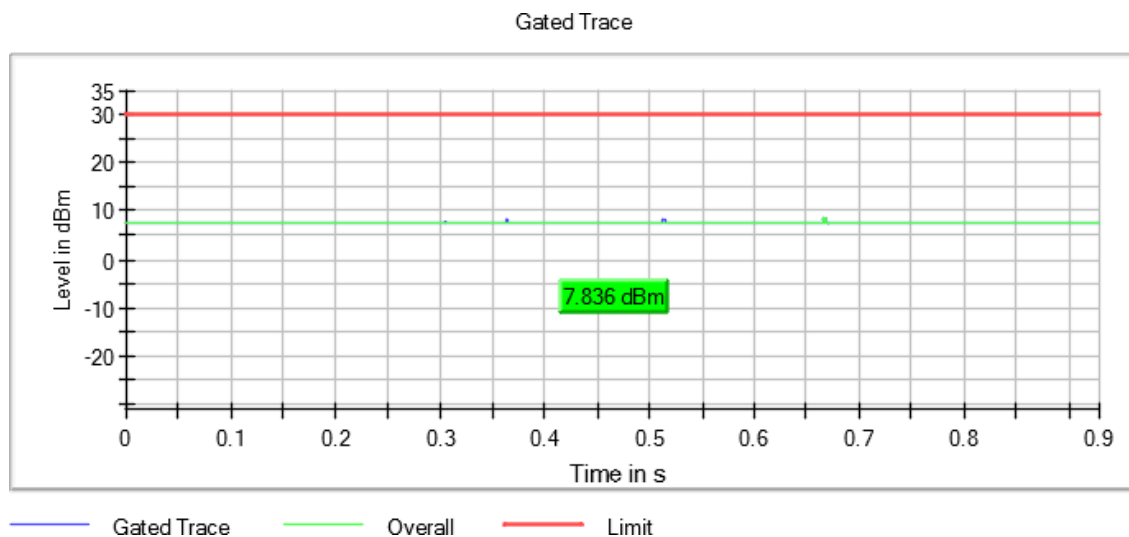
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

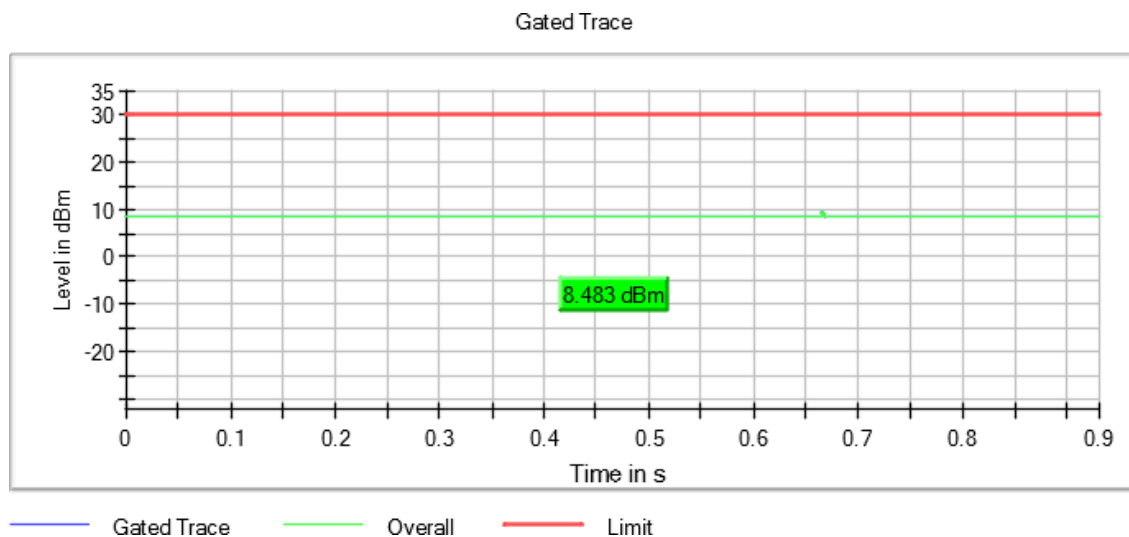
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

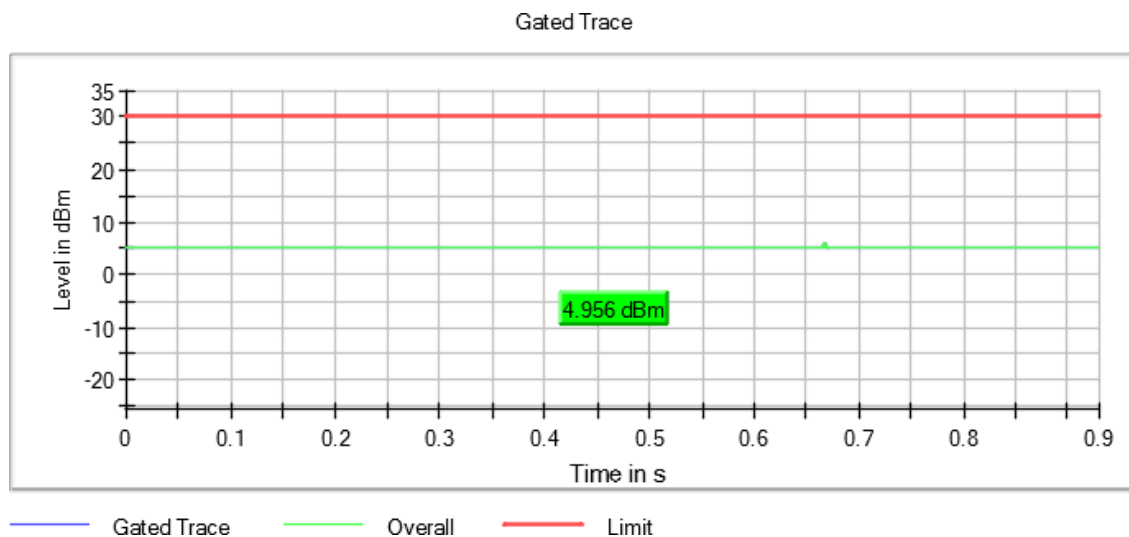
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

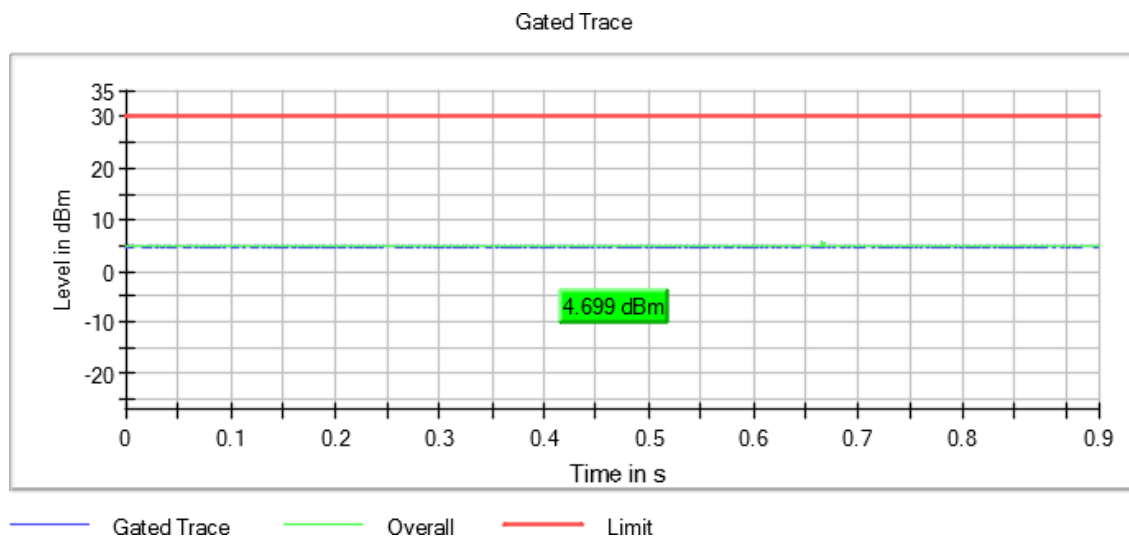
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

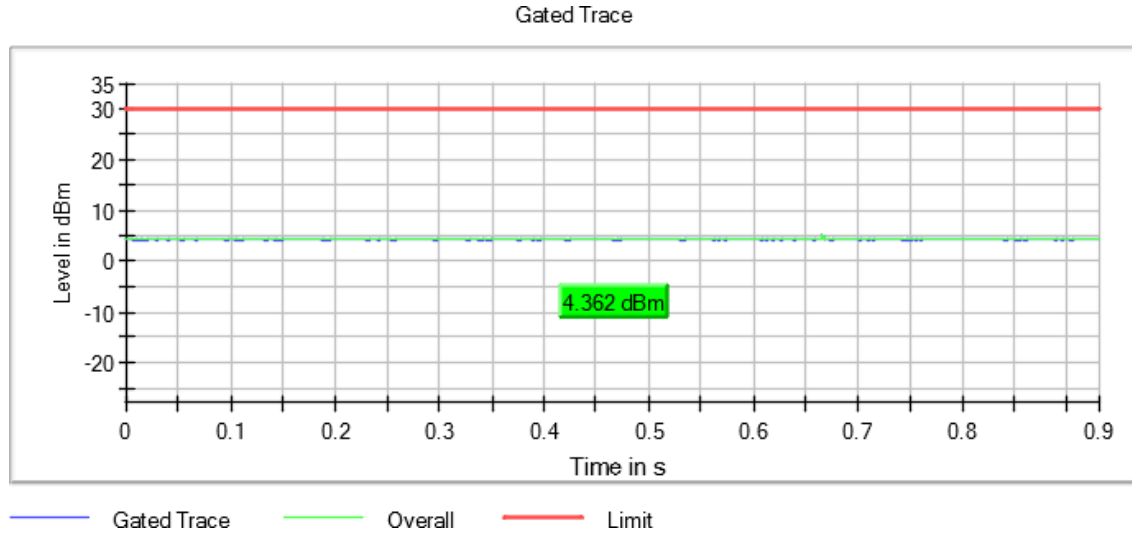
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Modulation: 802.11ac VHT40 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5150, 5850]	1	5190.00000	No	10.61	6.60
		5230.00000		10.71	6.70
		5755.00000		10.01	6.00
		5795.00000		9.21	5.20

Verdict

Pass

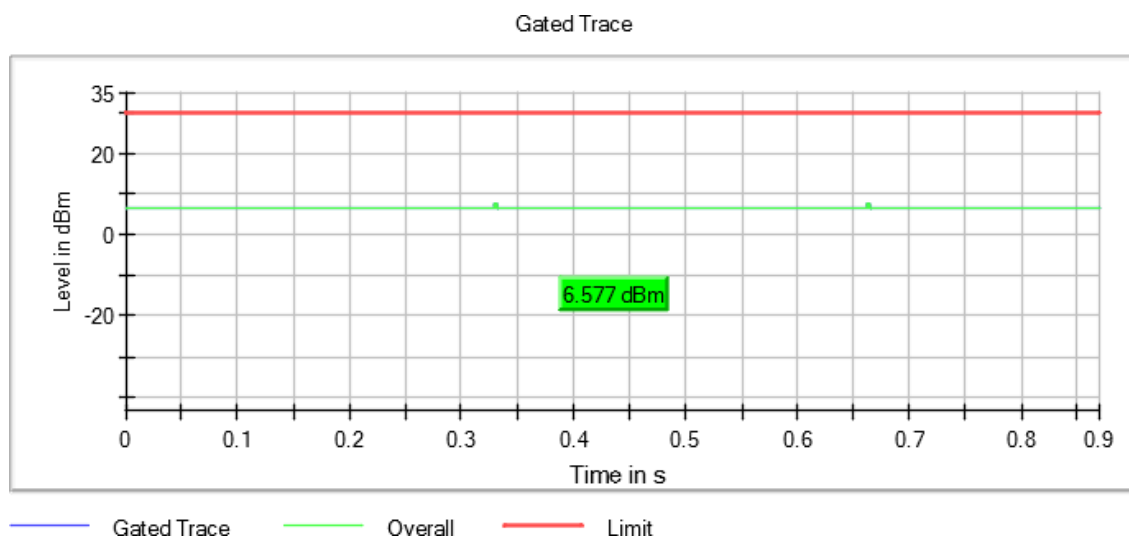
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

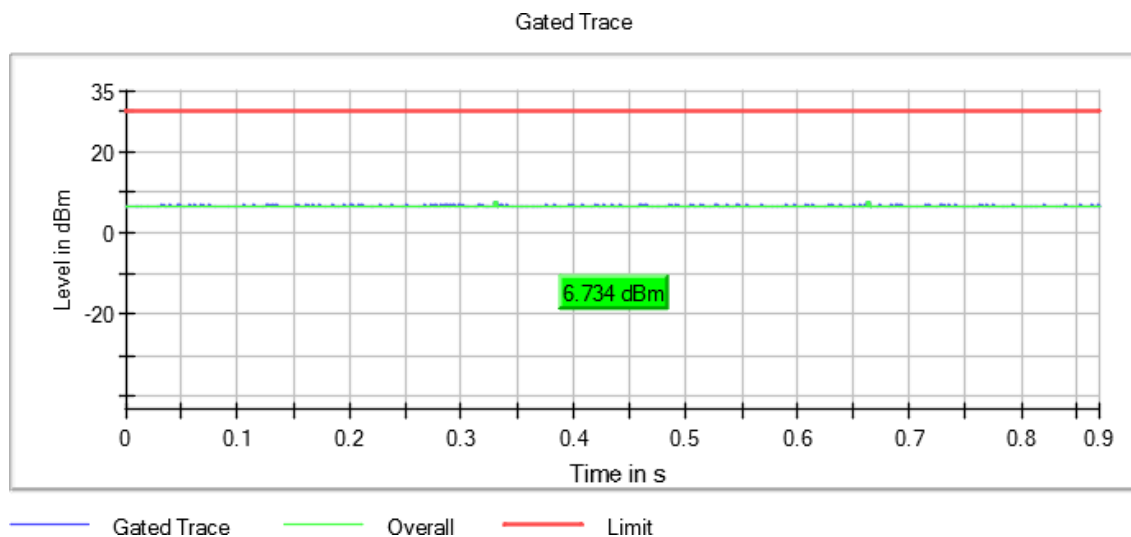
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000

Modulation = 802.11ac VHT40 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

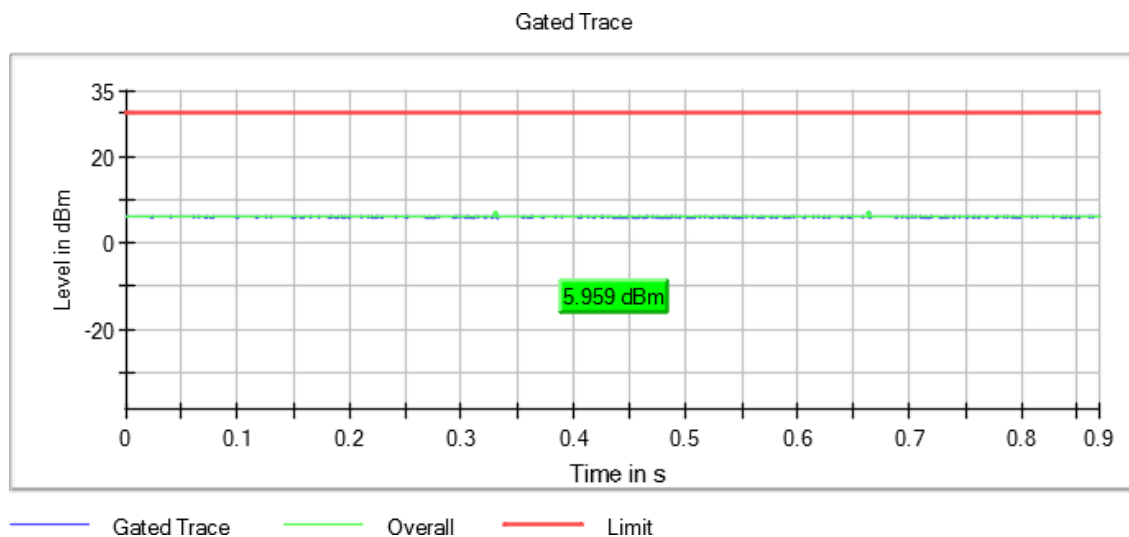
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000

Modulation = 802.11ac VHT40 (OFDM MCS0)

TPC = No

Images:



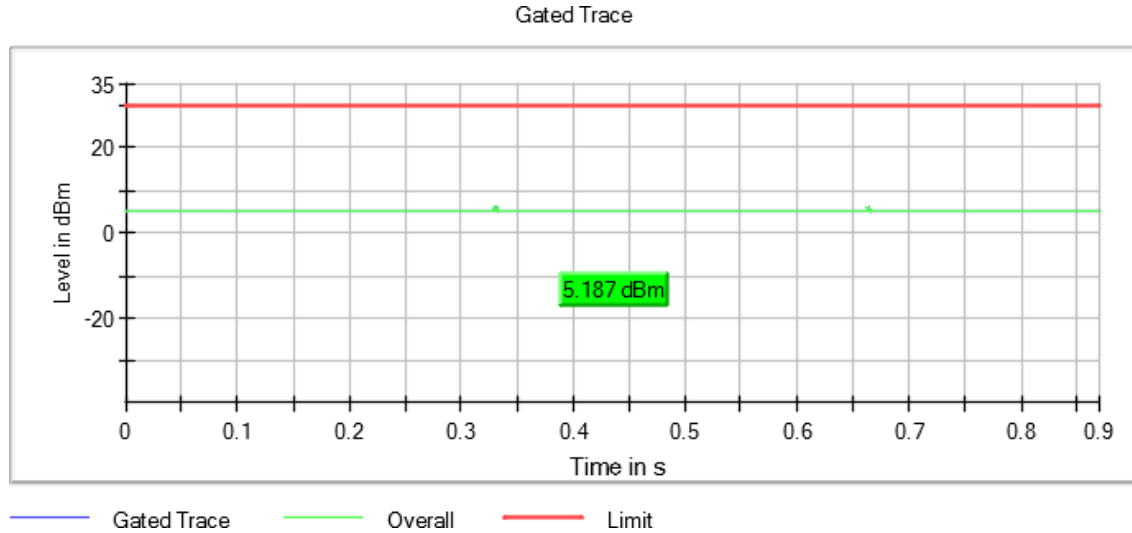
Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5795.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)
TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Modulation: 802.11ac VHT80 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Max EIRP (dBm)	Avg Power (dBm)
[5150, 5850]	1	5210.00000	No	10.11	6.10
		5775.00000		9.61	5.60

Verdict

Pass

Attachments

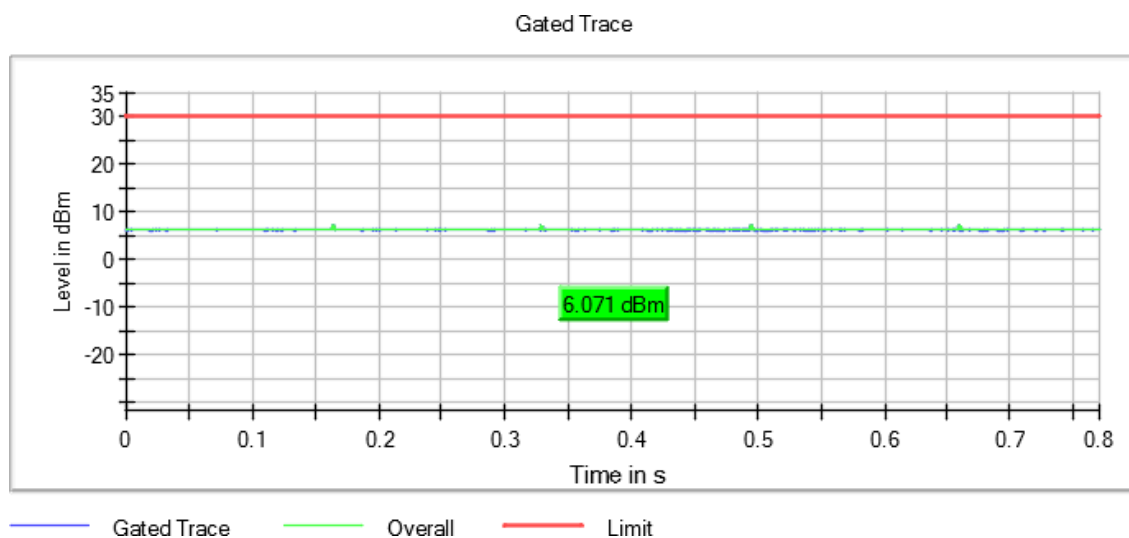
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5210.00000

Modulation = 802.11ac VHT80 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

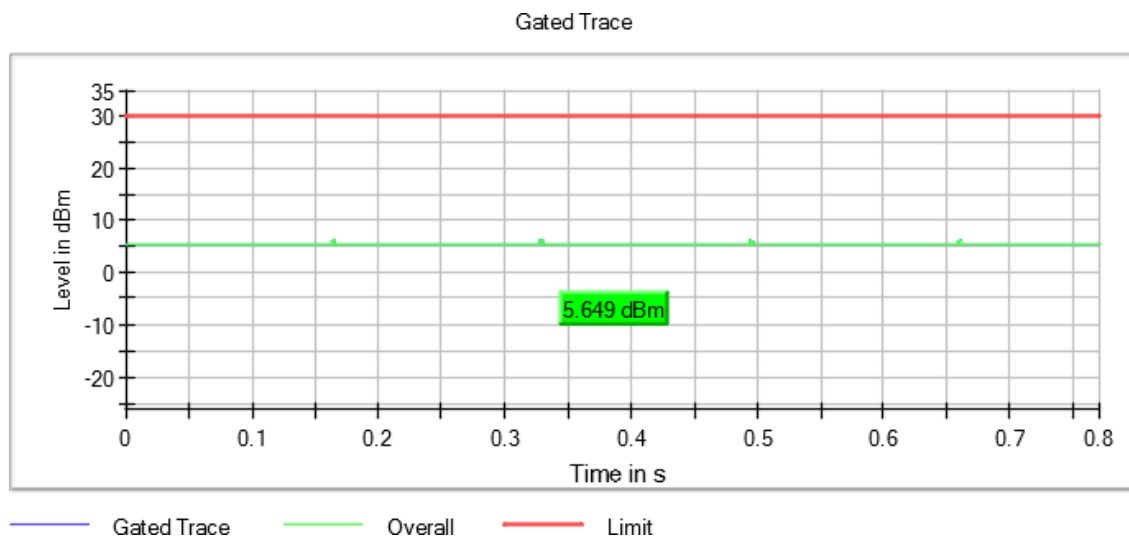
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5775.00000

Modulation = 802.11ac VHT80 (OFDM MCS0)

TPC = No

Images:



Tables:

Spectrum Analyzer Parameters

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RSS-247 6.2.4.1 / FCC 15.407 (a) (3) [Psd] Transmitter Maximum Power Spectral Density

Limits

USA FCC Part 15.407 (01-26-2026):

FCC 15.407 (a)(1)(iv): In the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC 15.407 (a)(3)(i): For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

CANADA RSS-247 Issue 4 (July 2025):

7.3.1.2 Power Limits (Frequency band 5150-5250 MHz)

For all other devices the maximum e.i.r.p. spectral density shall not exceed 10 dBm/MHz. The maximum e.i.r.p. shall not exceed the lesser of:

- a. 200 mW; or
- b. $10 + 10 \log_{10} B$, dBm

7.3.1.2 Power Limits (Frequency band 5250-5350 MHz)

All other devices shall comply with the following:

- a. the maximum power spectral density shall not exceed 11 dBm/MHz and the maximum conducted output power shall not exceed the lesser of:
 - i. 250 mW; or
 - ii. $11 + 10 \log_{10} B$, dBm.

7.3.3.2 Power Limits (Frequency band 5470-5725 MHz)

- a. the maximum power spectral density shall not exceed 11 dBm/MHz.

7.3.4.3 Power Limits (Frequency band 5725-5850 MHz)

Equipment operating in the band 5725-5850 shall comply with the following power limits:

- b. the maximum output power spectral density shall not exceed 30 dBm/500 kHz

When using transmitting antennas with a directional gain exceeding 6 dBi, the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5150, 5850]	1	5180.00000	No	5173.267327	-2.83
		5200.00000		5193.267327	-3.67
		5240.00000		5246.534653	-2.83
		5745.00000		5752.524752	-8.10
		5785.00000		5778.663366	-8.63
		5825.00000		5832.524752	-8.65

Verdict

Pass

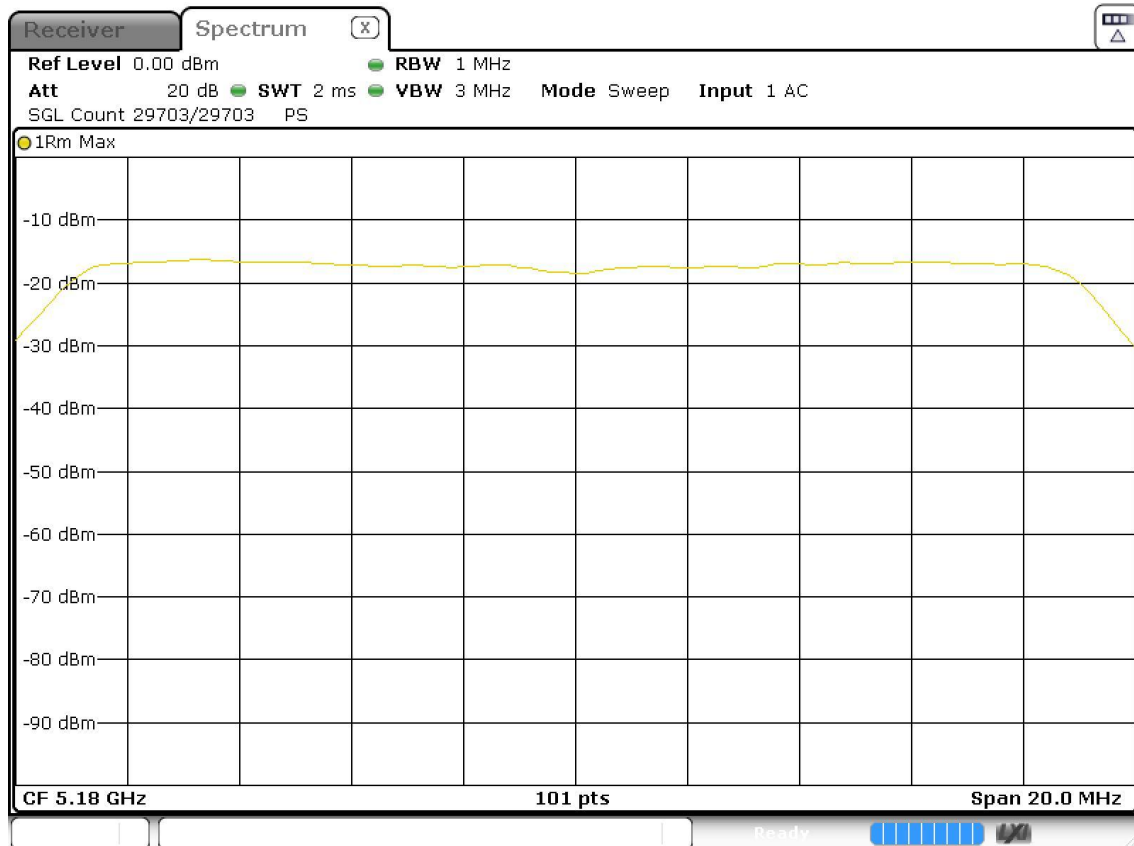
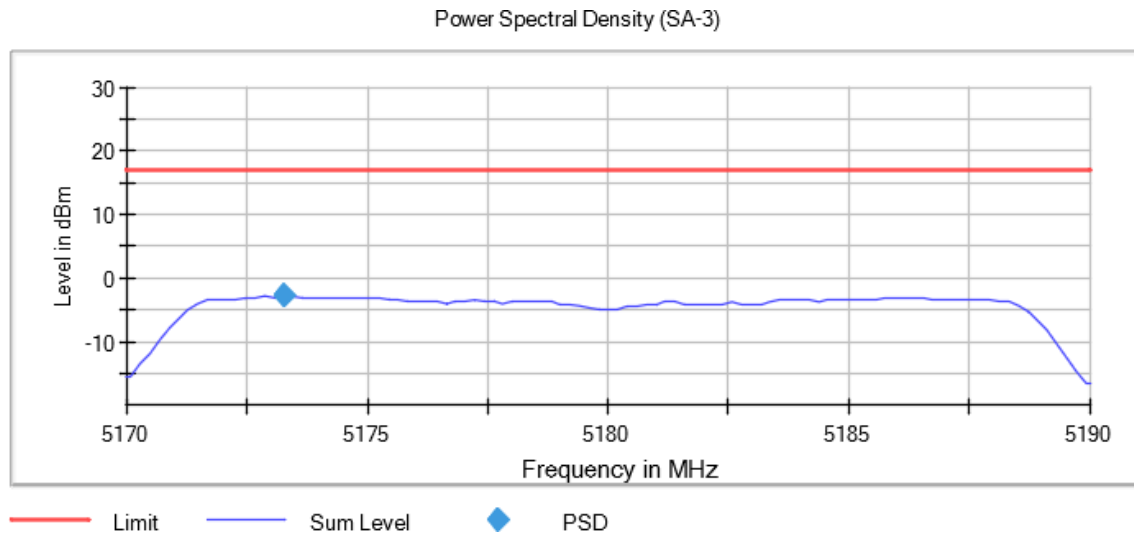
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Date: 6.APR.2026 22:46:24

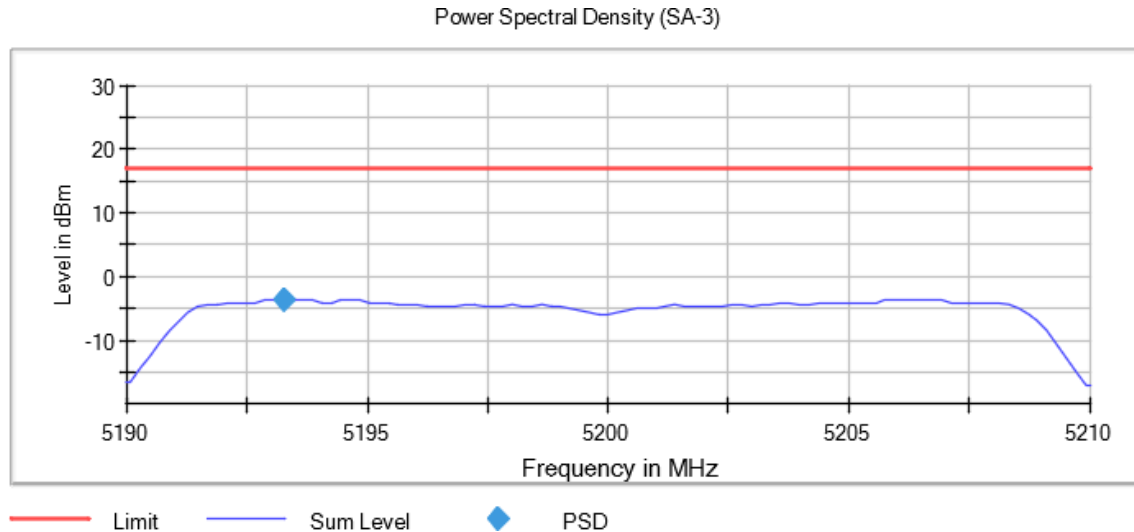
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Date: 6.APR.2026 23:01:49

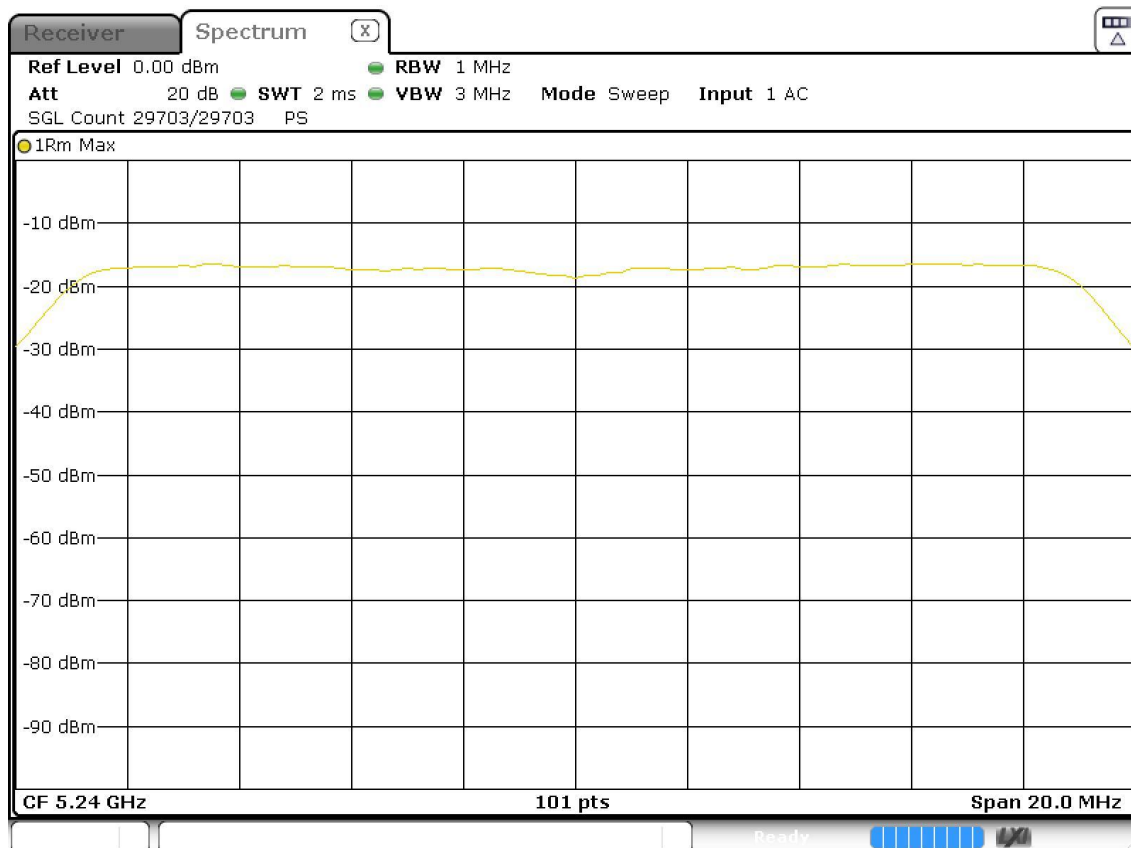
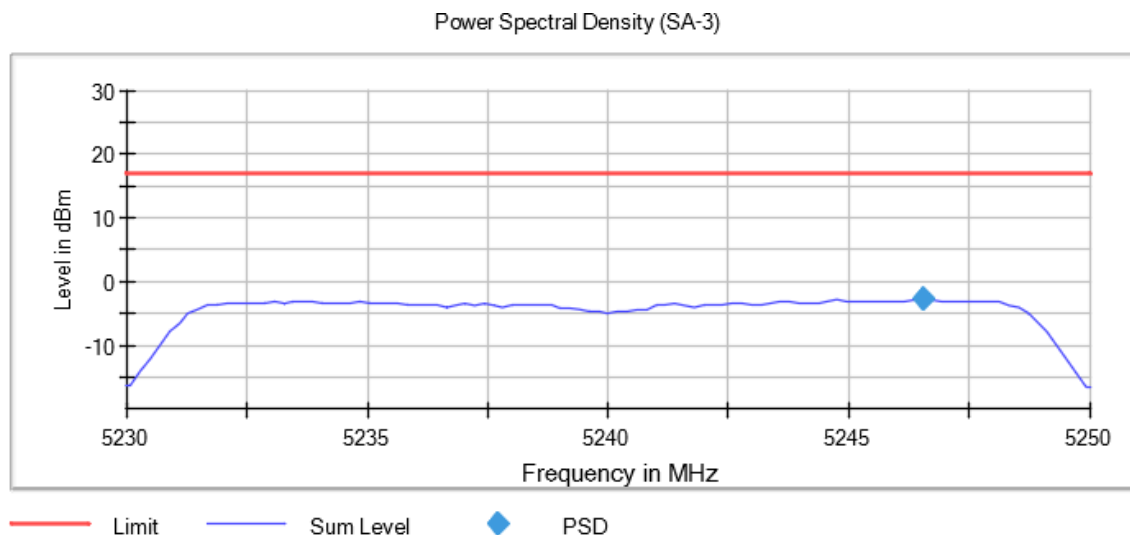
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Date: 6.APR.2026 23:11:16

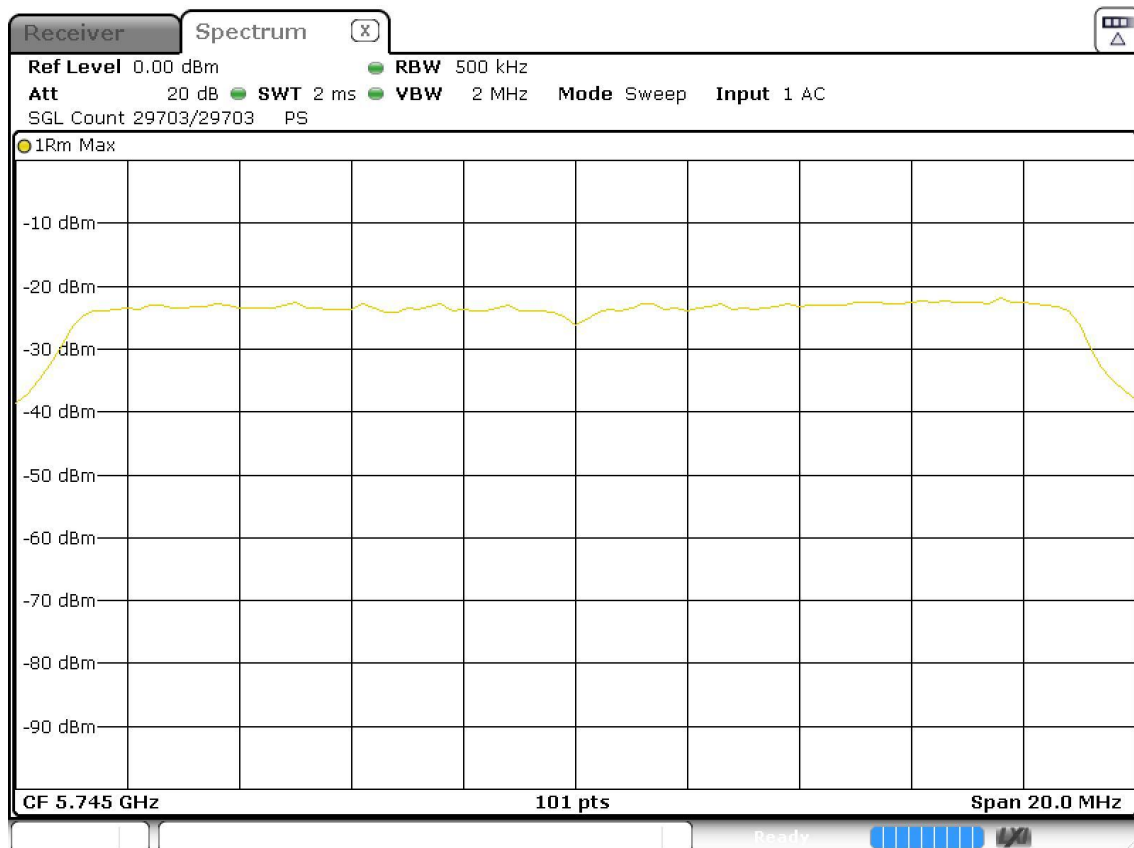
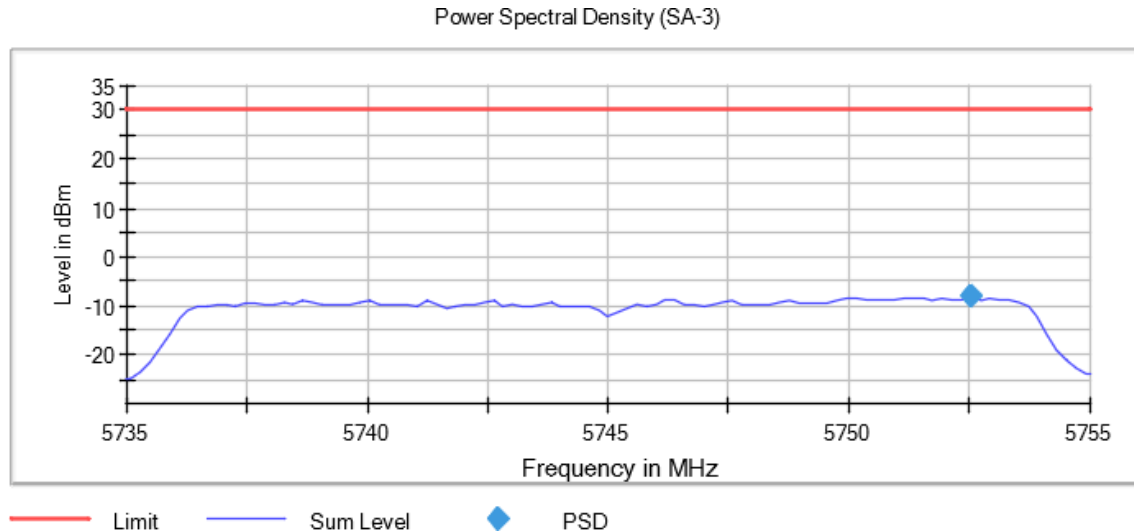
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Date: 6.APR.2026 23:23:17

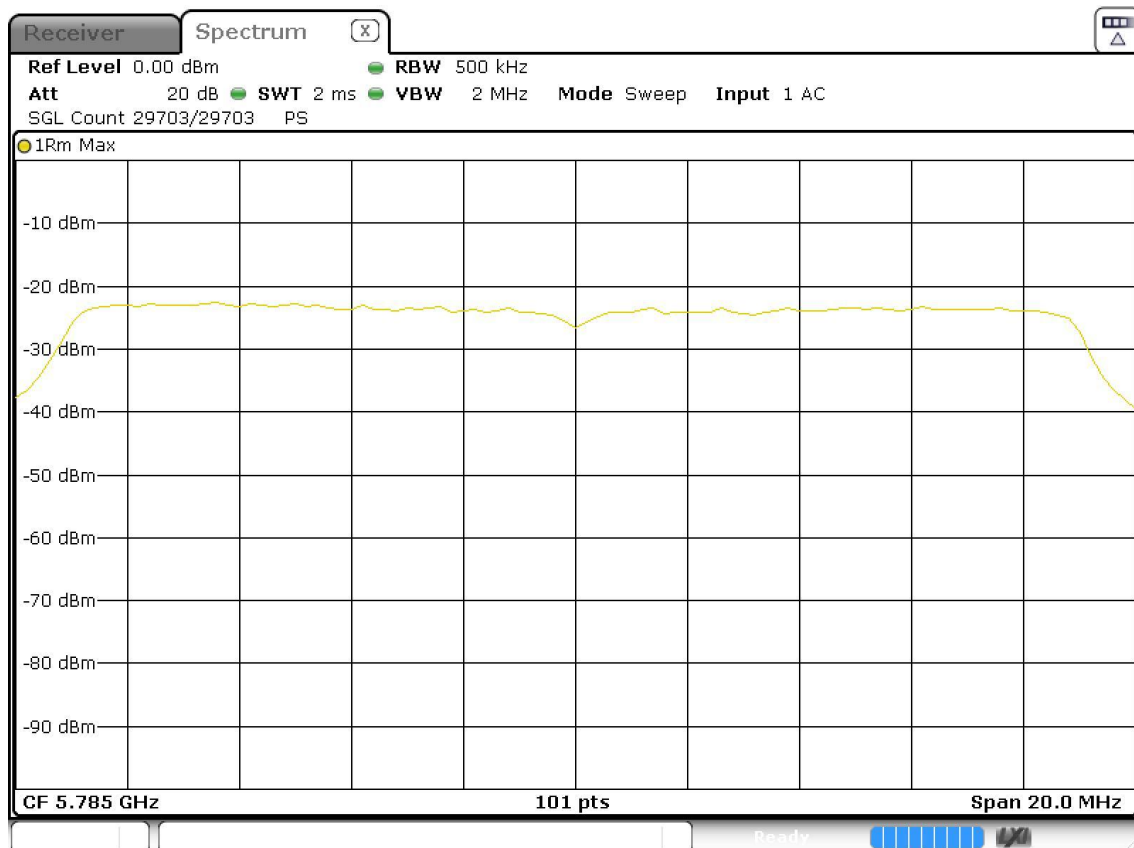
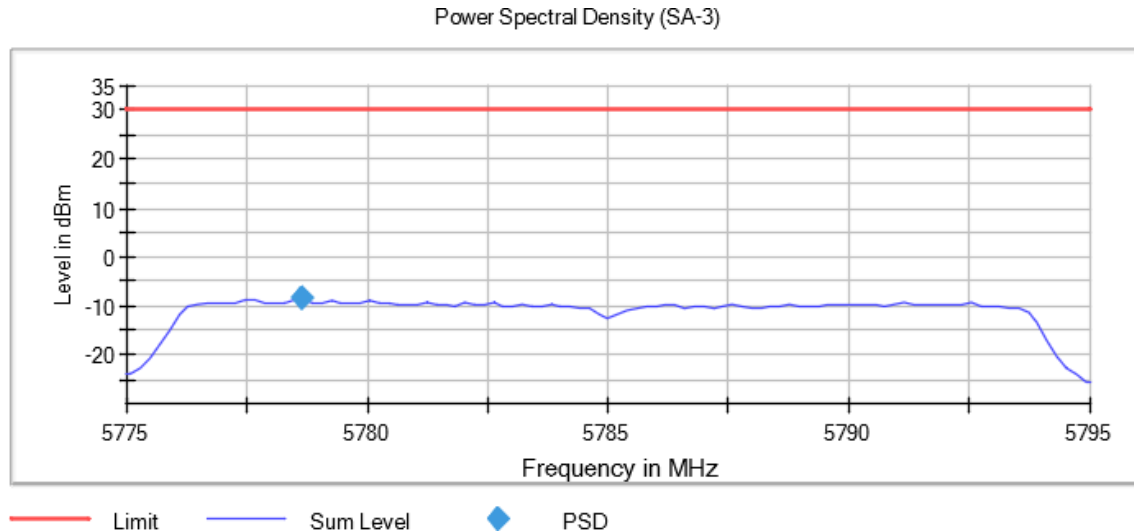
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Date: 6.APR.2026 23:37:20

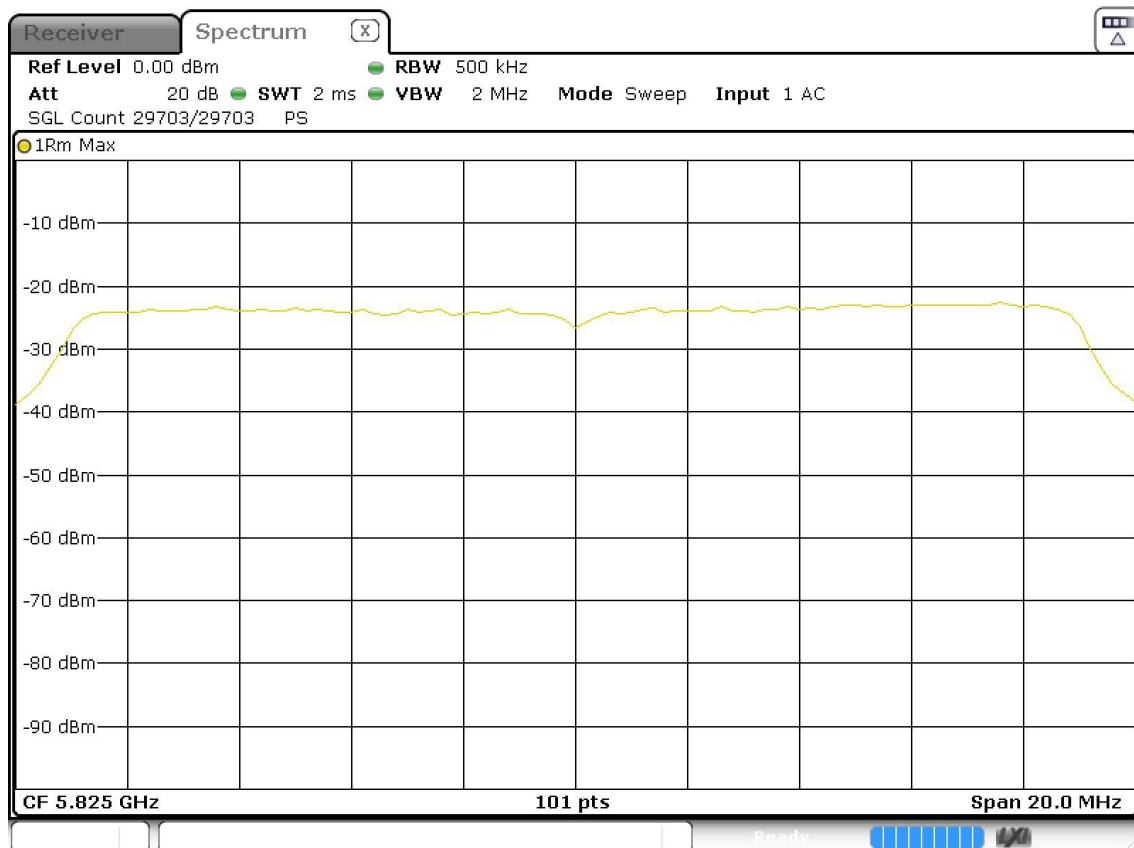
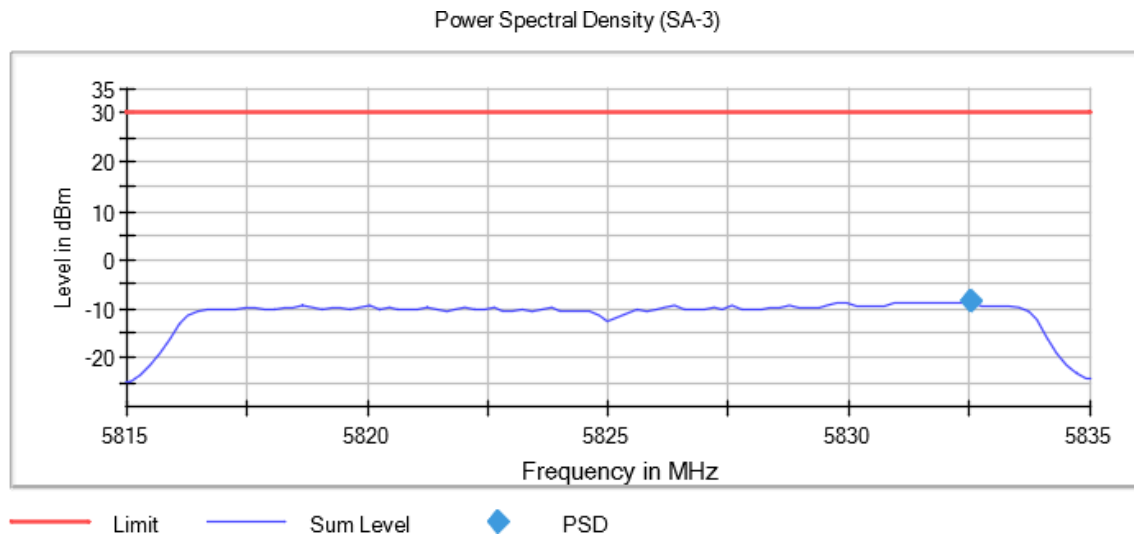
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000

Modulation = 802.11n HT20 (OFDM MCS0)

TPC = No

Images:



Date: 7.APR.2026 10:34:55

Modulation: 802.11n HT40 (OFDM MCS0)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5150, 5850]	1	5190.00000	No	5177.326733	-7.19
		5230.00000		5243.861386	-7.08
		5755.00000		5766.625000	-10.35
		5795.00000		5781.375000	-10.81

Verdict

Pass

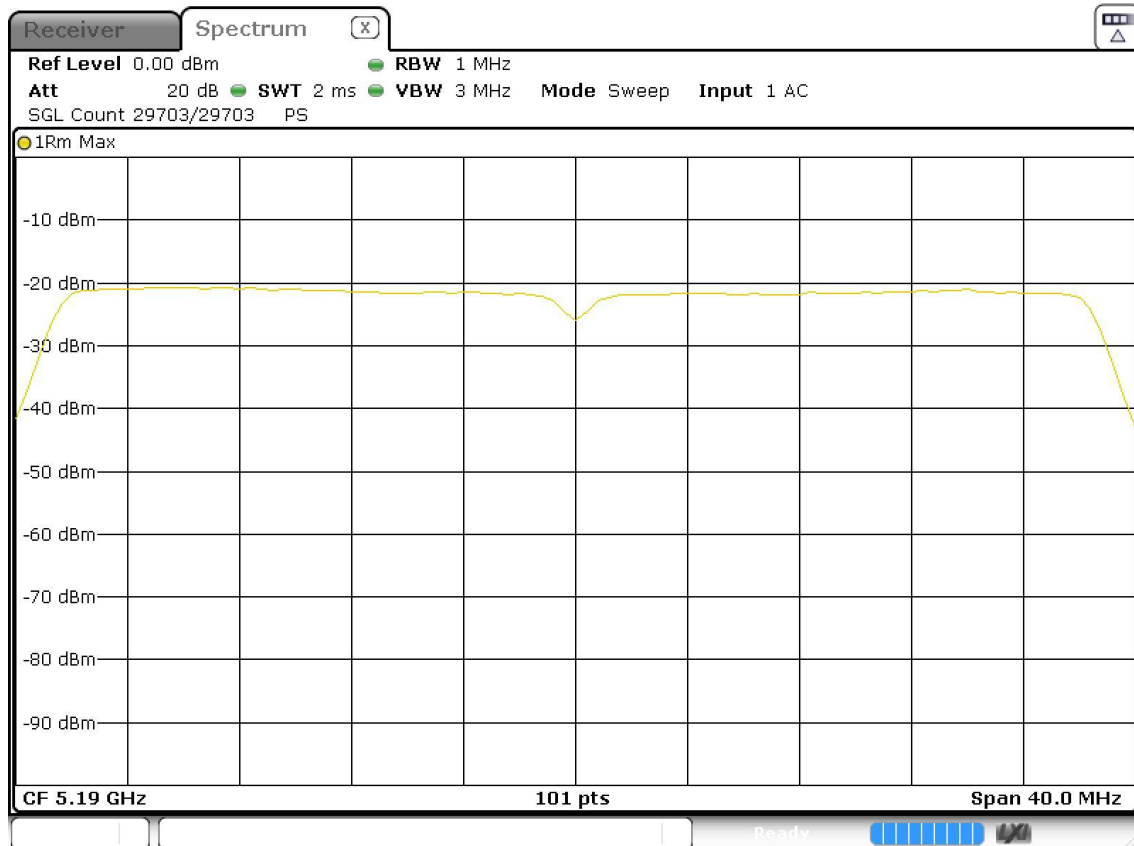
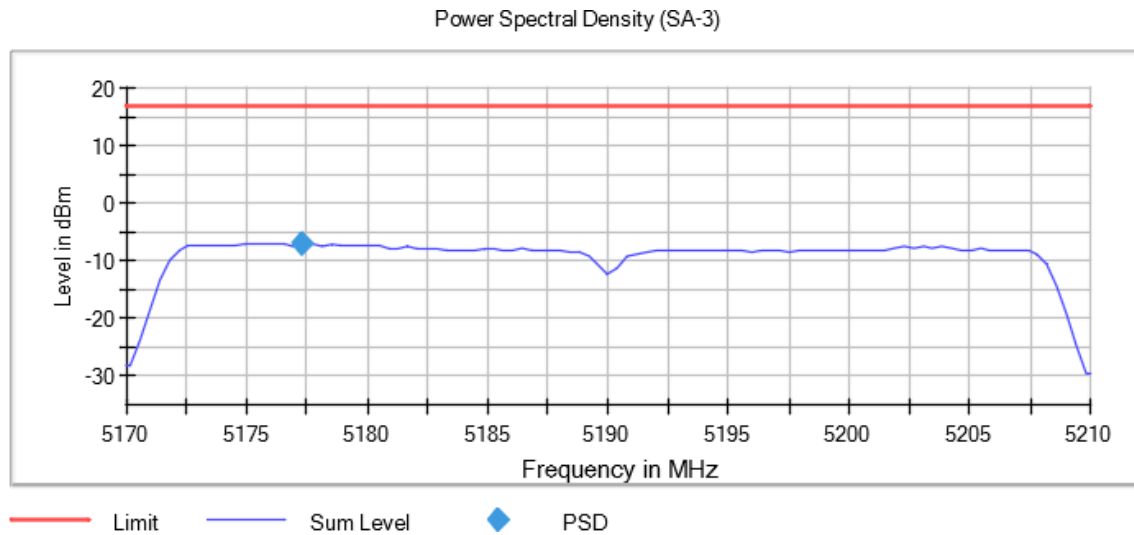
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11n HT40 (OFDM MCS0)

TPC = No

Images:



Date: 7.APR.2026 19:14:21

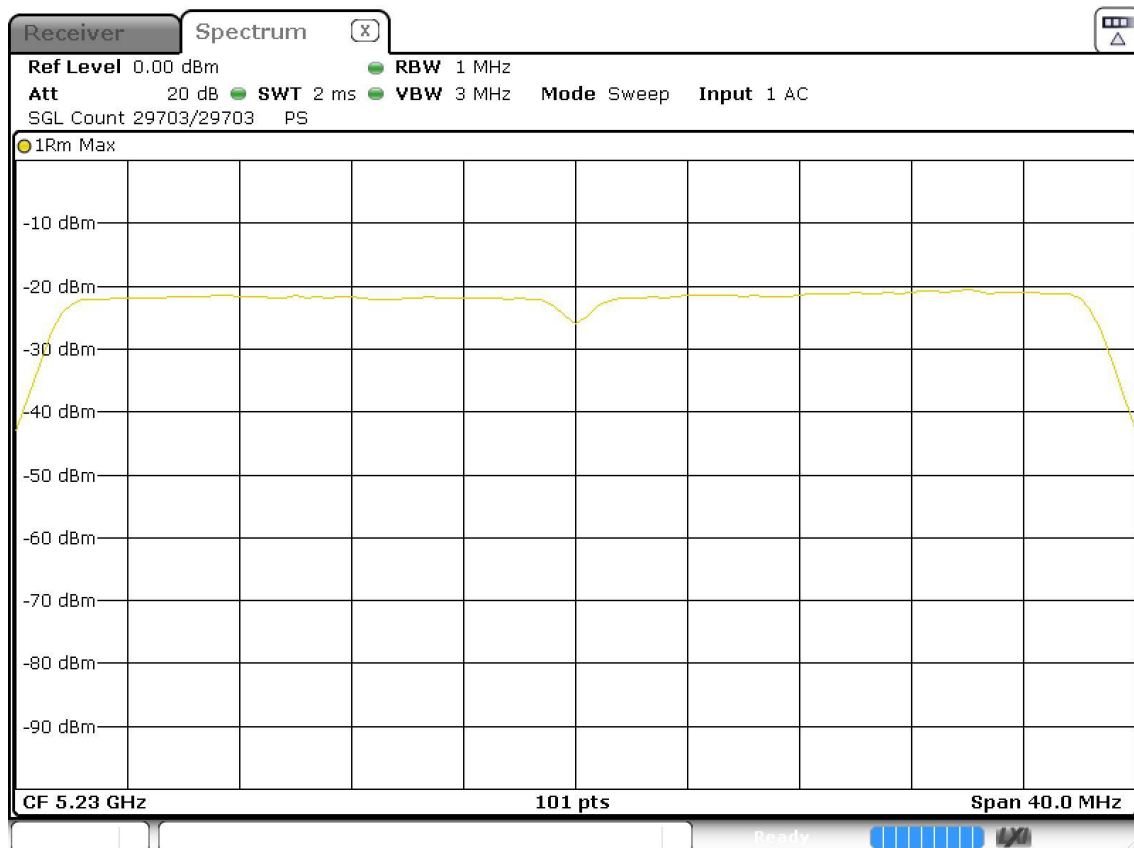
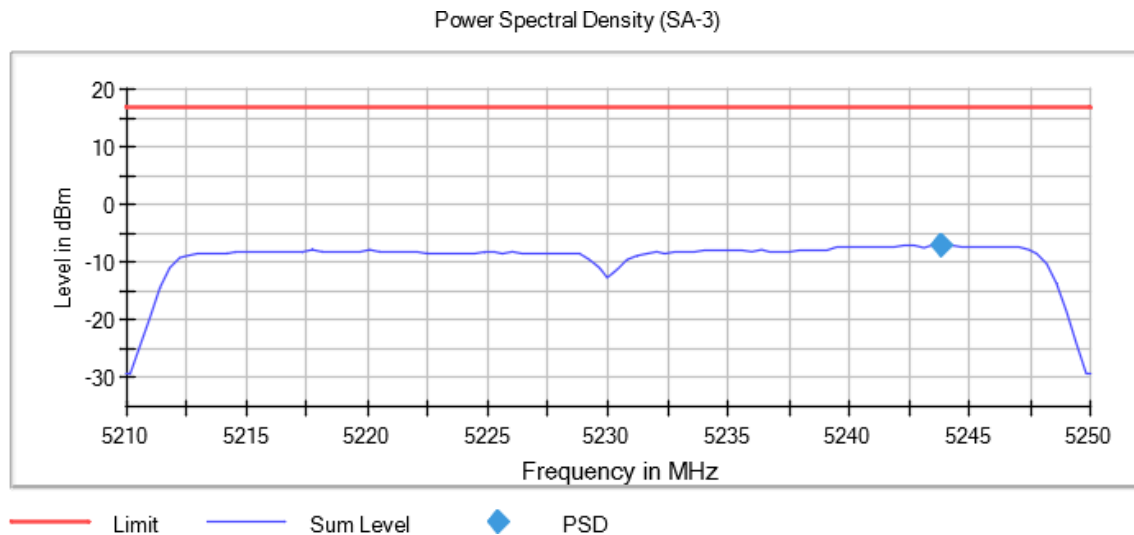
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000

Modulation = 802.11n HT40 (OFDM MCS0)

TPC = No

Images:



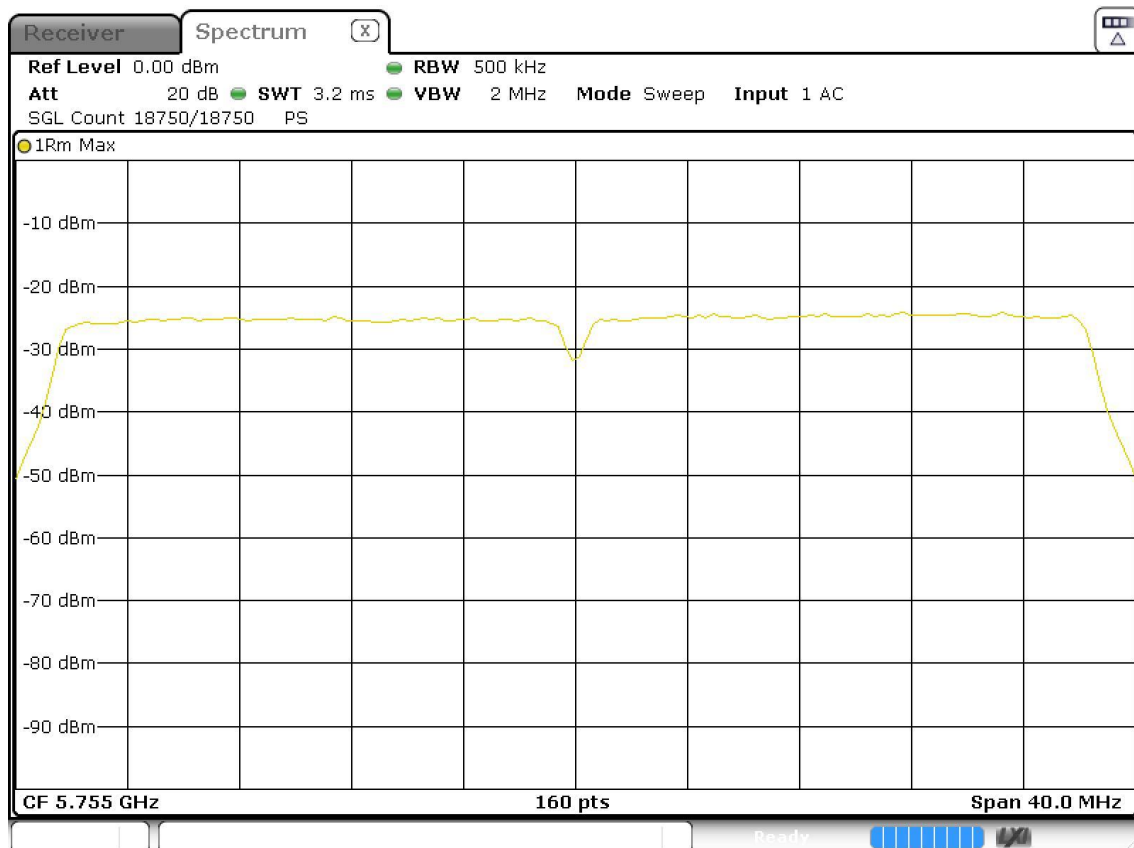
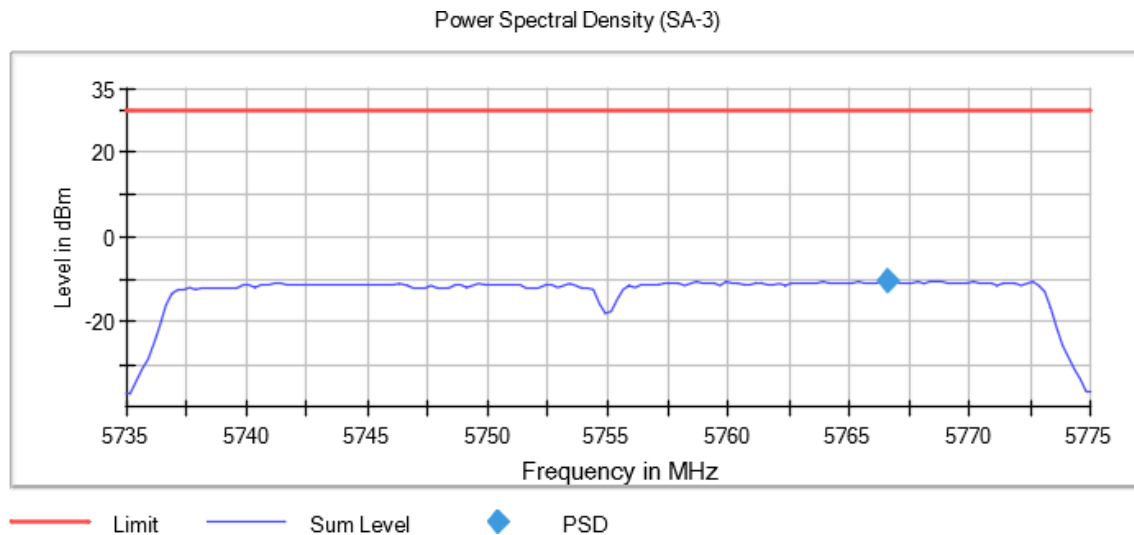
Date: 7.APR.2026 19:37:53

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000 Modulation = 802.11n HT40 (OFDM MCS0)

TPC = No

Images:



Date: 7.APR.2026 19:52:55

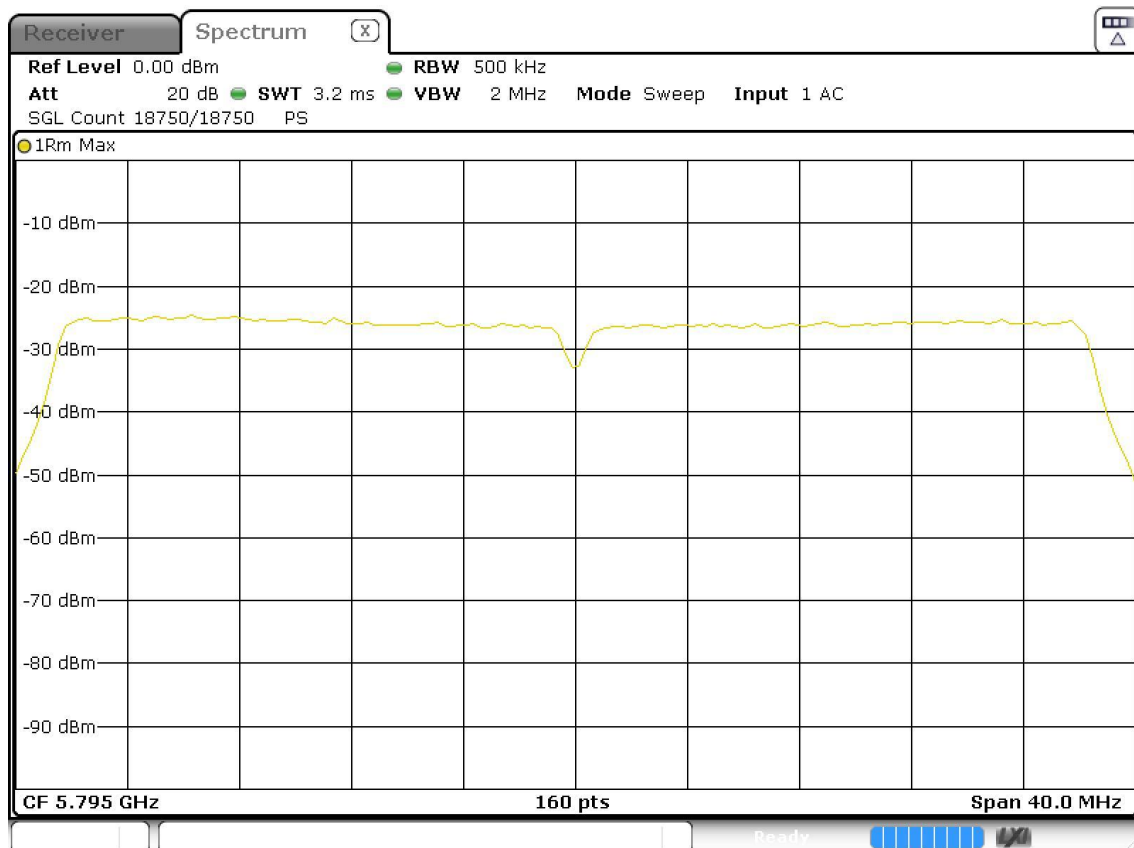
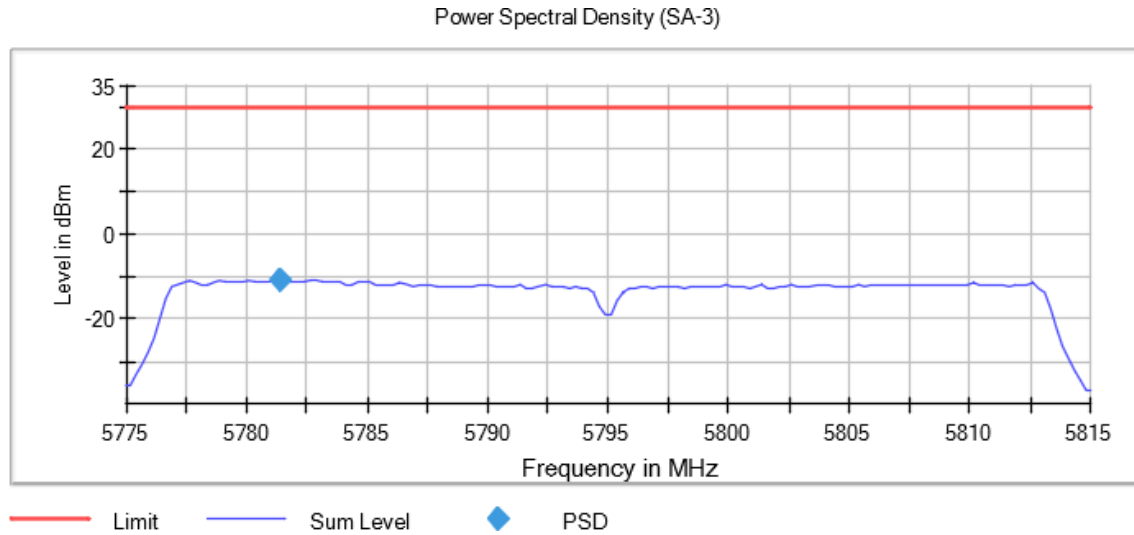
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000

Modulation = 802.11n HT40 (OFDM MCS0)

TPC = No

Images:



Date: 7.APR.2026 20:11:50

Modulation: 802.11a (OFDM 6 Mbit/s)

Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5150, 5850]	1	5180.00000	No	5173.663366	-2.84
		5200.00000		5193.465347	-3.56
		5240.00000		5246.336634	-3.05
		5745.00000		5752.524752	-8.38
		5785.00000		5778.861386	-8.72
		5825.00000		5832.524752	-9.33

Verdict

Pass

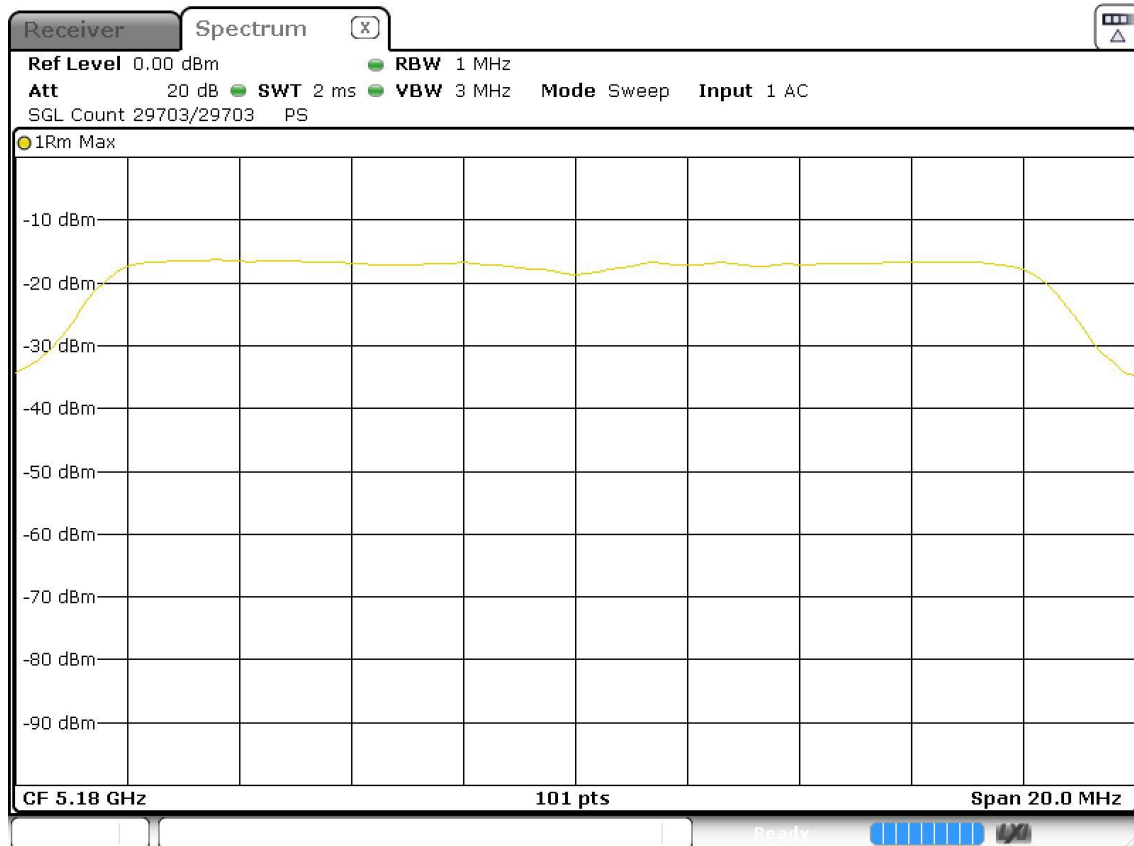
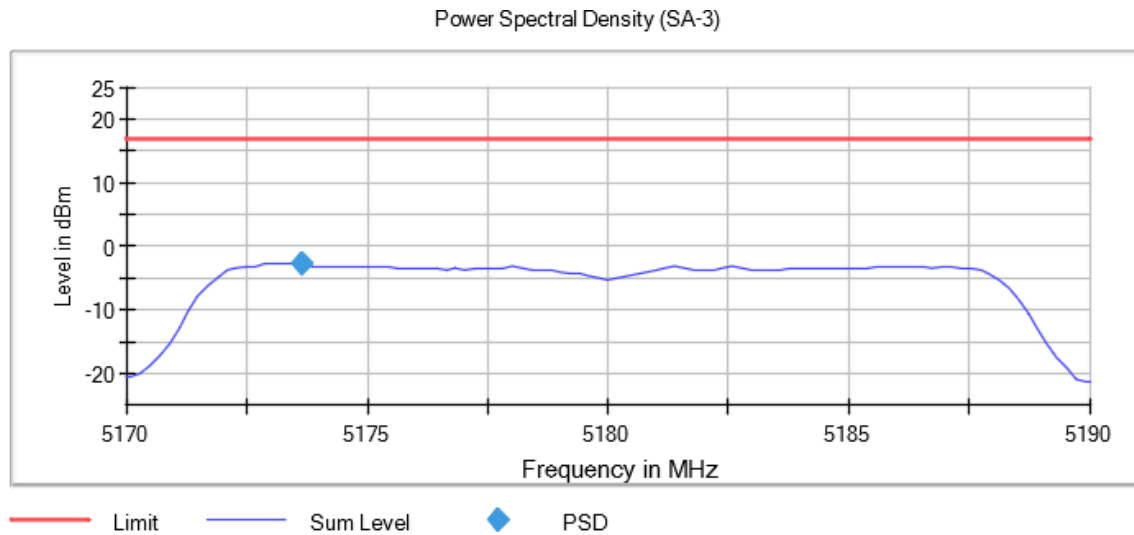
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11a (OFDM 6 Mbit/s)

TPC = No

Images:



Date: 6.APR.2026 19:07:22

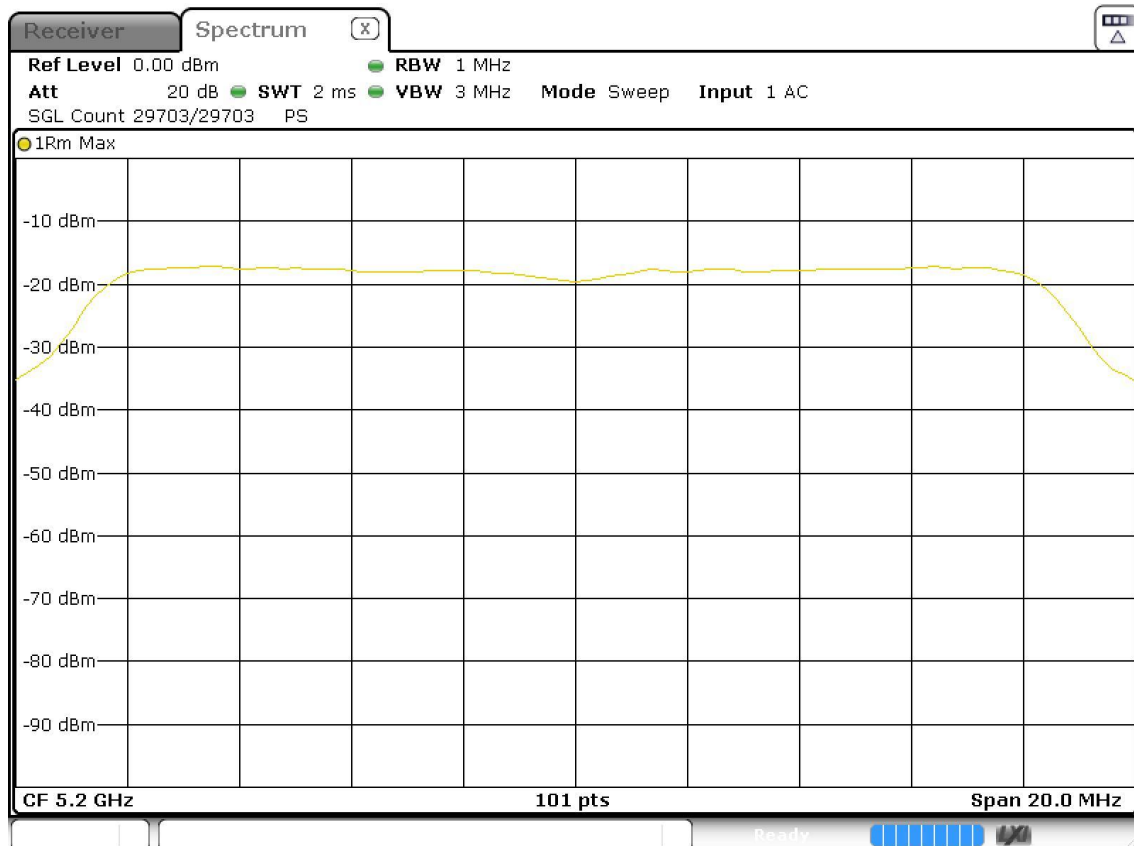
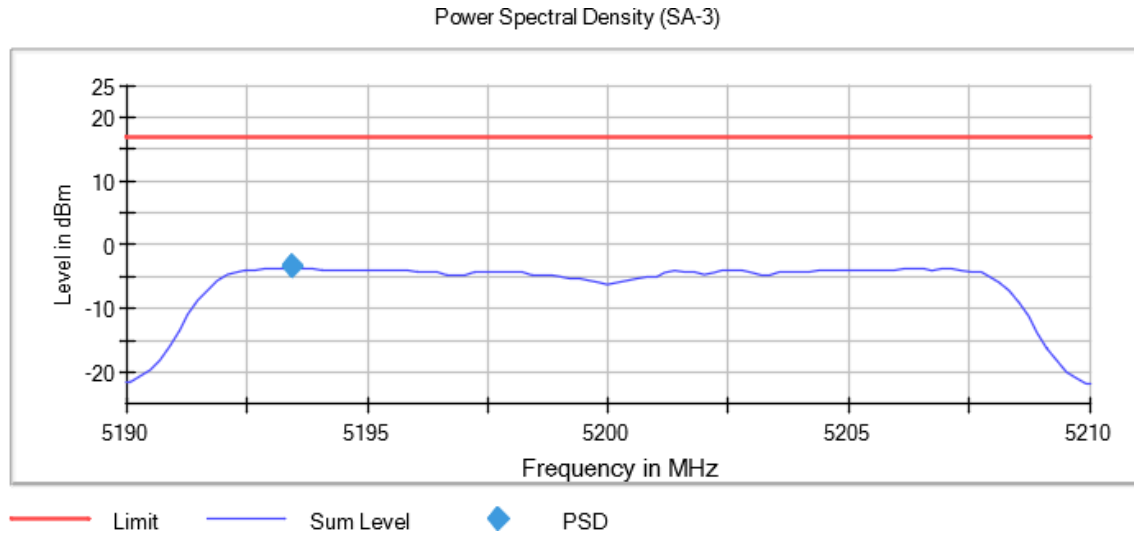
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000

Modulation = 802.11a (OFDM 6 Mbit/s)

TPC = No

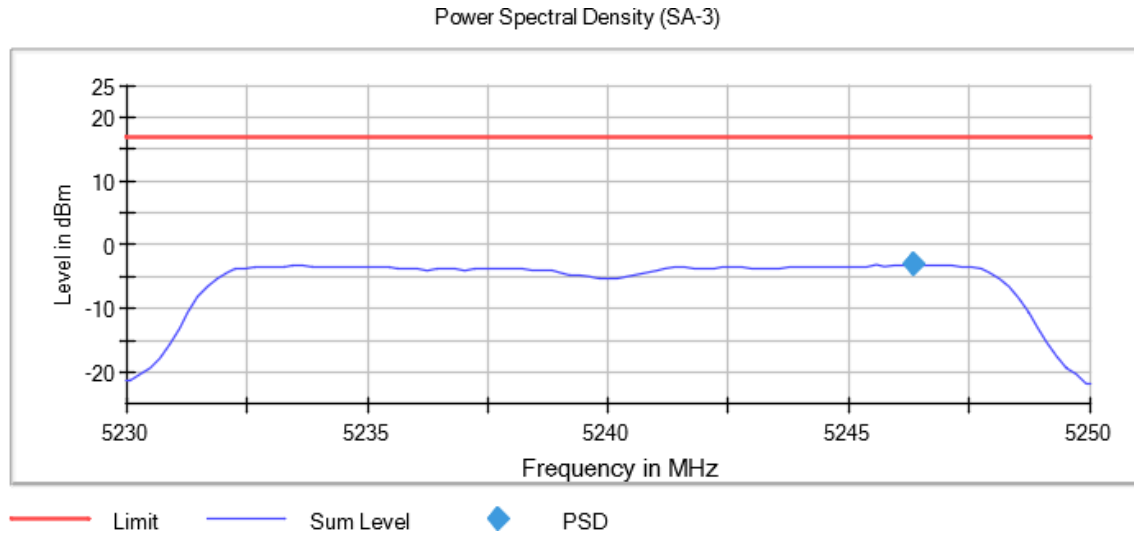
Images:



Date: 6.APR.2026 21:55:12

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No

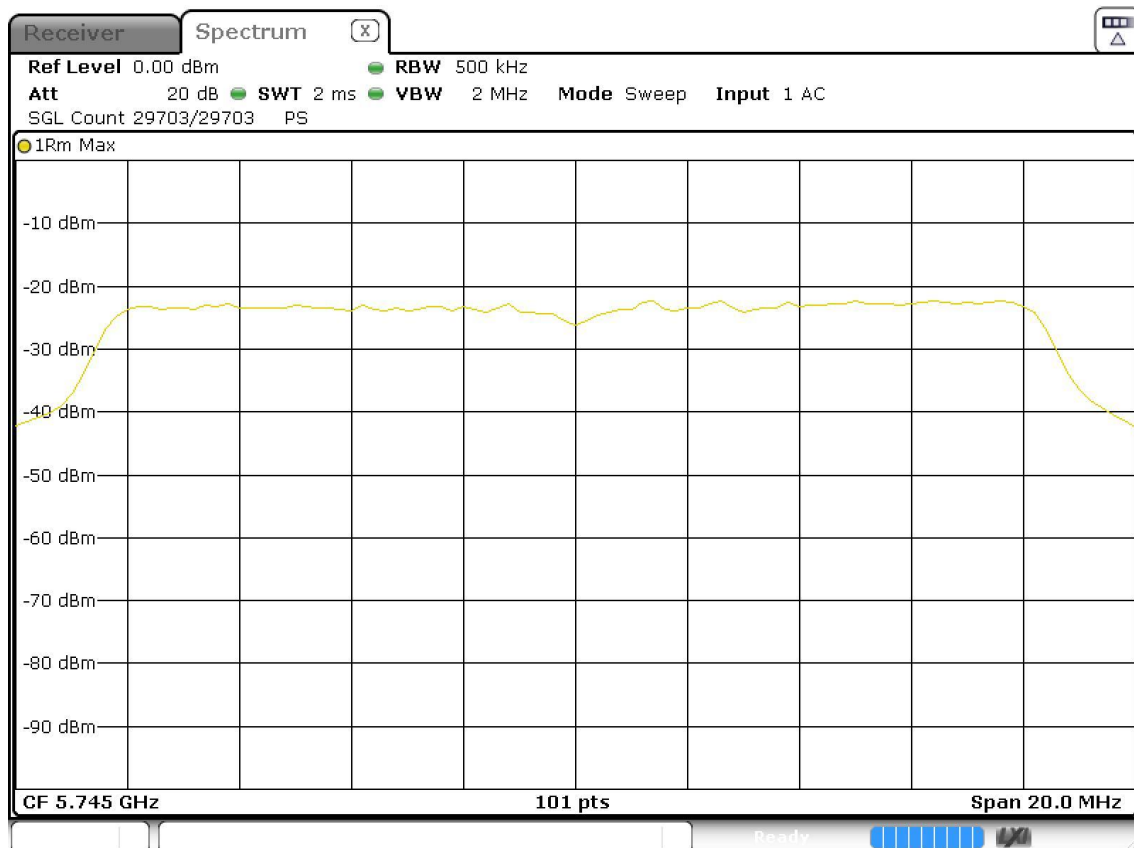
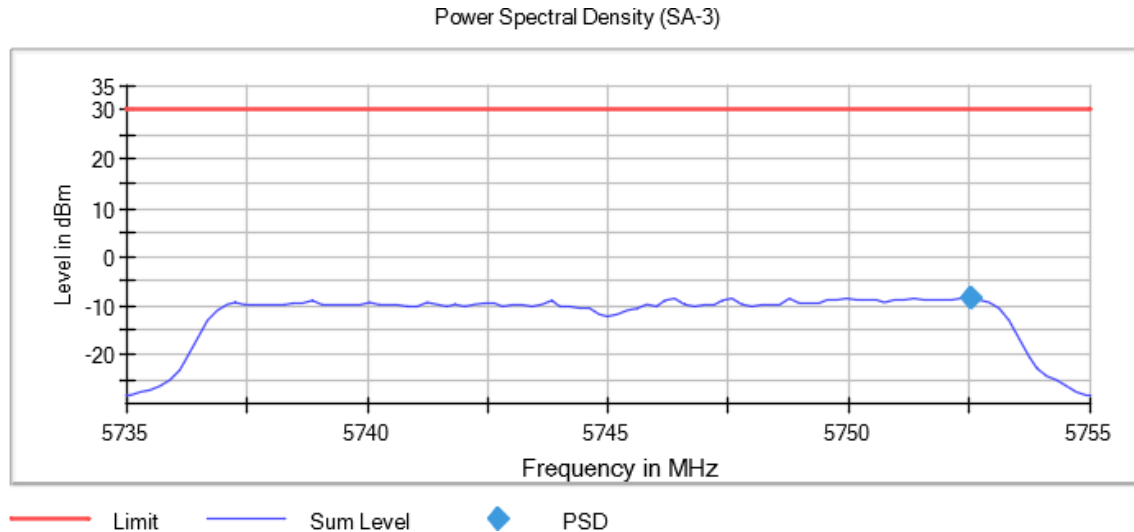
Images:



Date: 6.APR.2026 22:01:17

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No

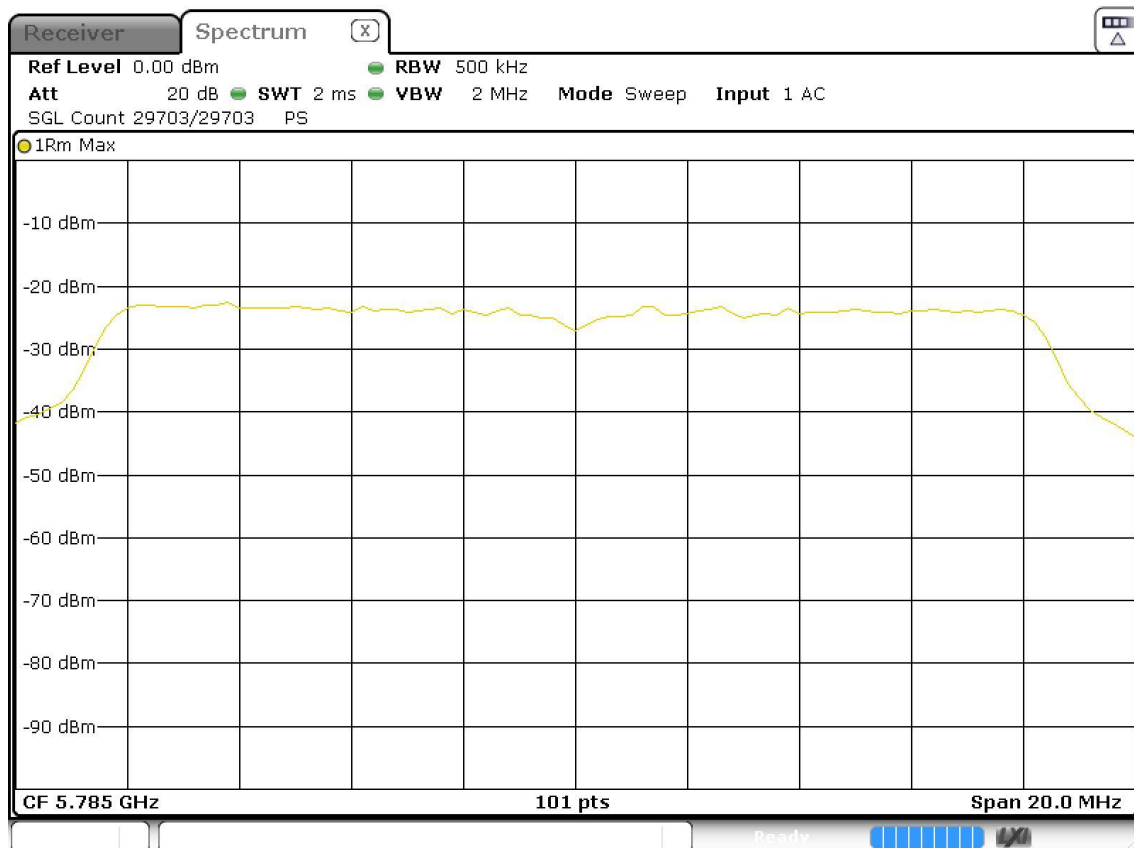
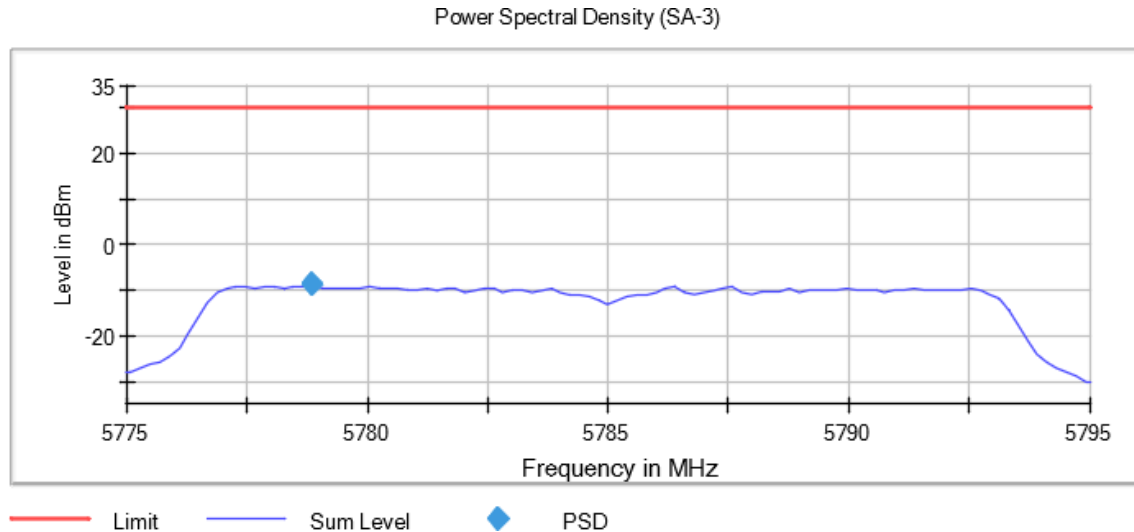
Images:



Date: 6.APR.2026 22:08:25

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5785.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No

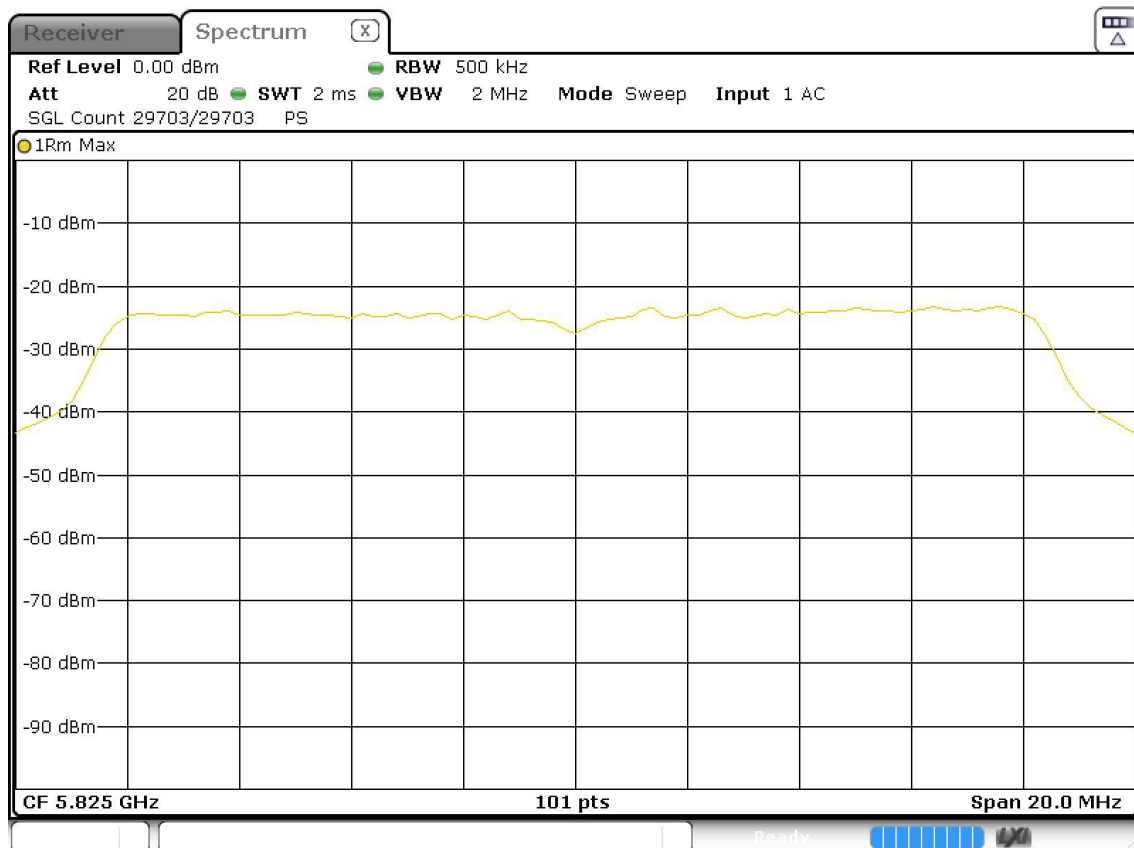
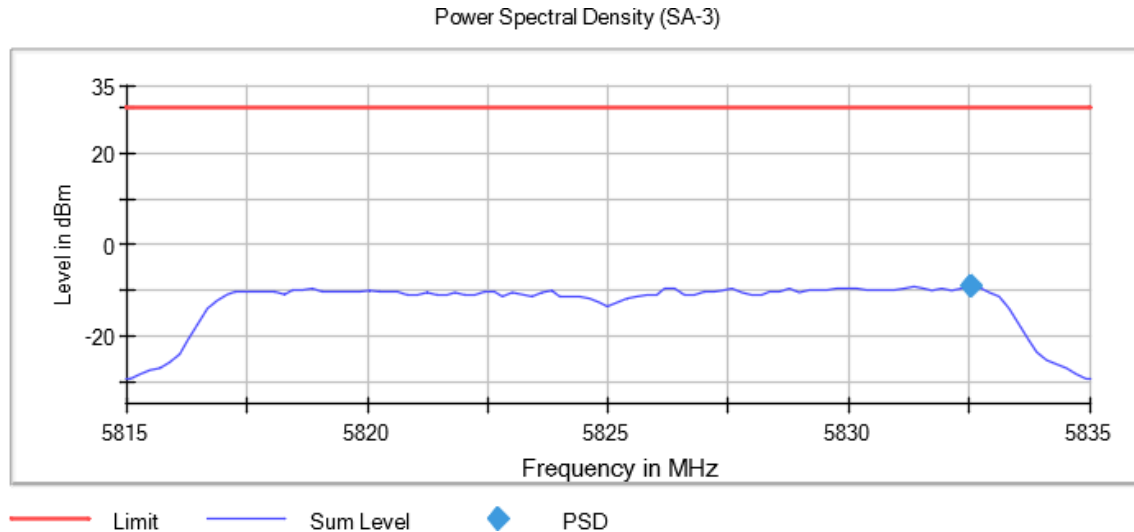
Images:



Date: 6.APR.2026 22:16:50

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No

Images:



Date: 6.APR.2026 22:23:51

Modulation: 802.11ac VHT20 (OFDM MCS0)
Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5150, 5850]	1	5180.00000	No	5175.049505	-2.40
		5200.00000		5195.247525	-3.19
		5240.00000		5245.742574	-2.45
		5745.00000		5752.524752	-7.67
		5785.00000		5778.861386	-7.92
		5825.00000		5831.138614	-8.53

Verdict

Pass

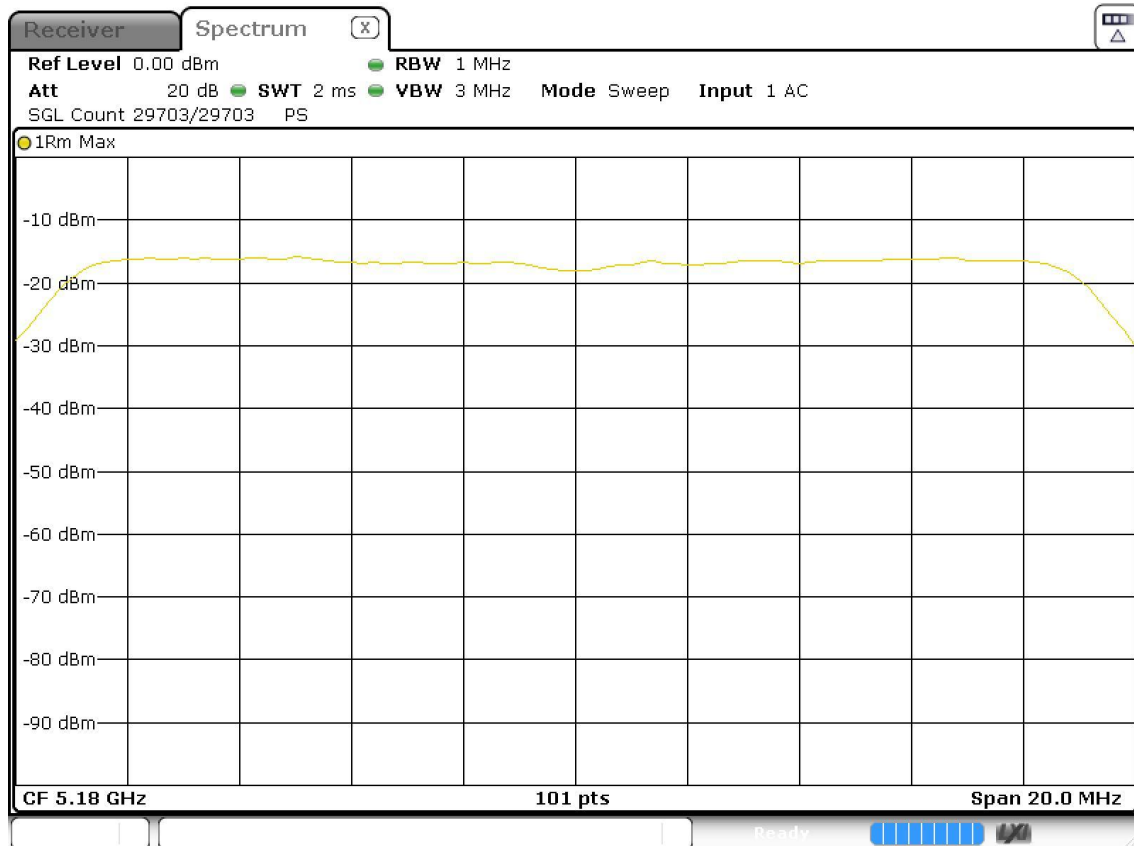
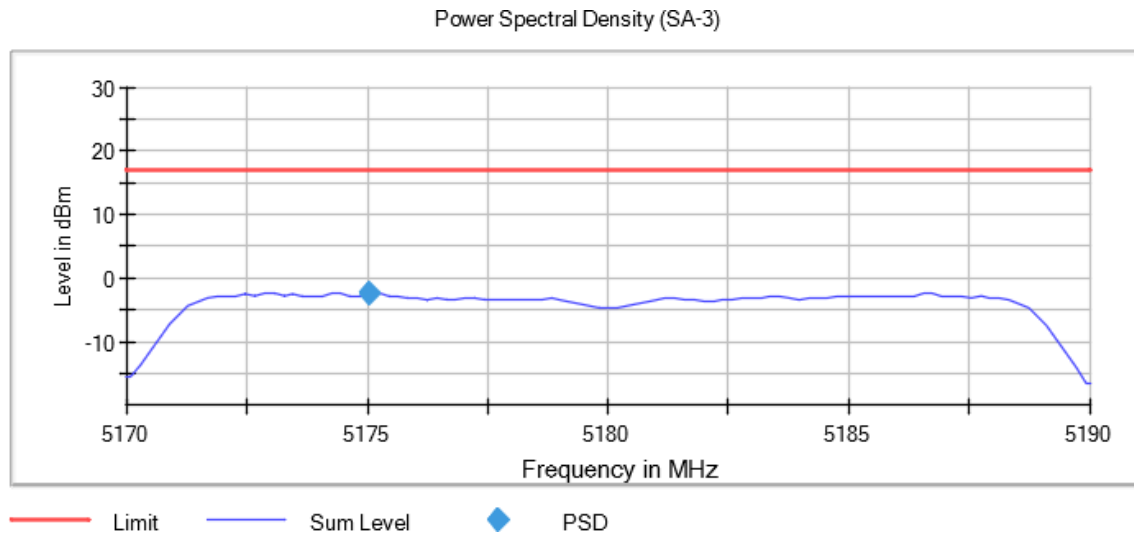
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

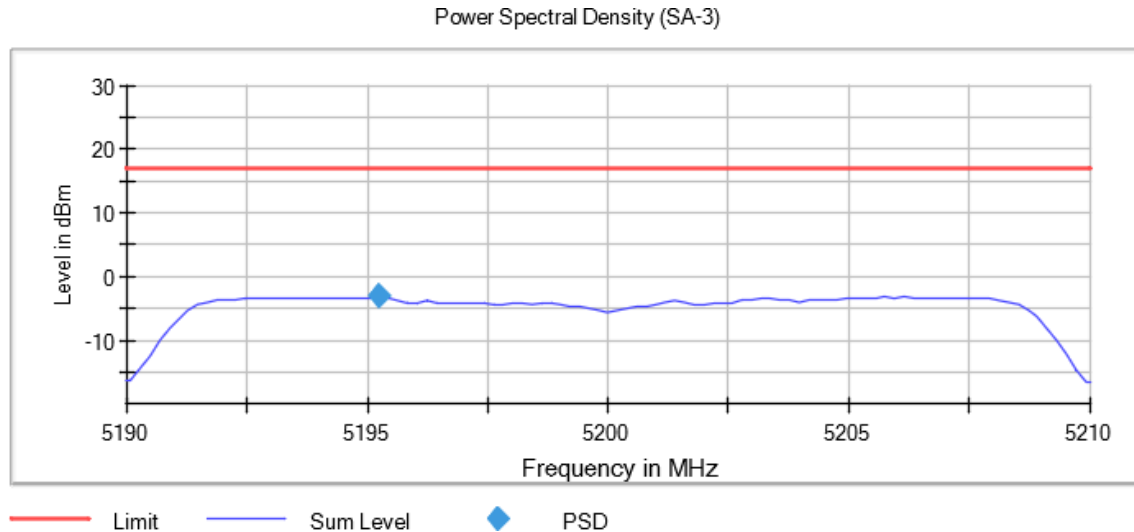
Images:



Date: 7.APR.2026 11:03:40

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5200.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)
TPC = No

Images:



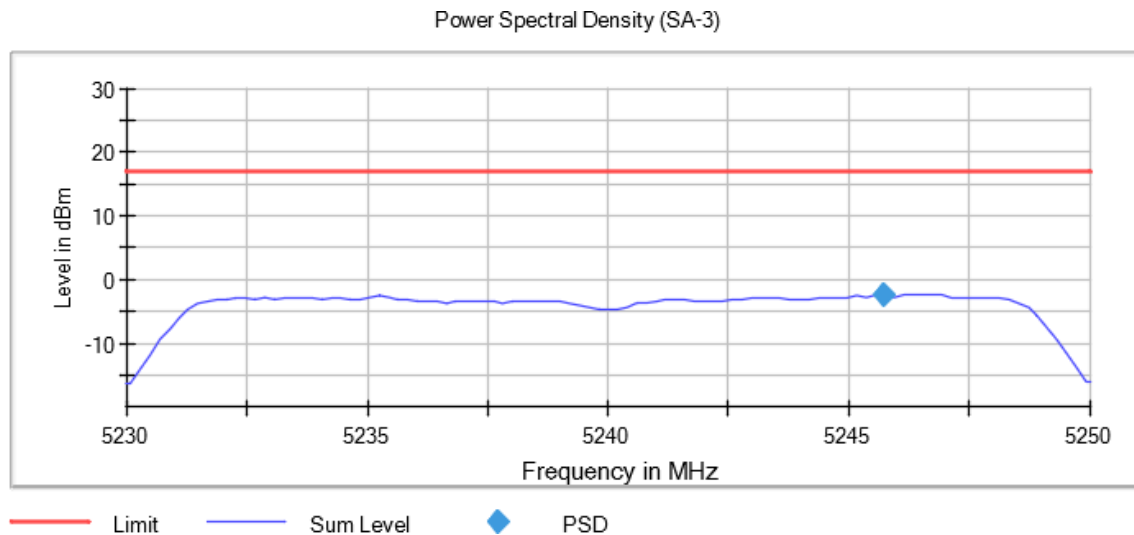
Date: 7.APR.2026 11:24:26

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



Date: 7.APR.2026 11:33:52

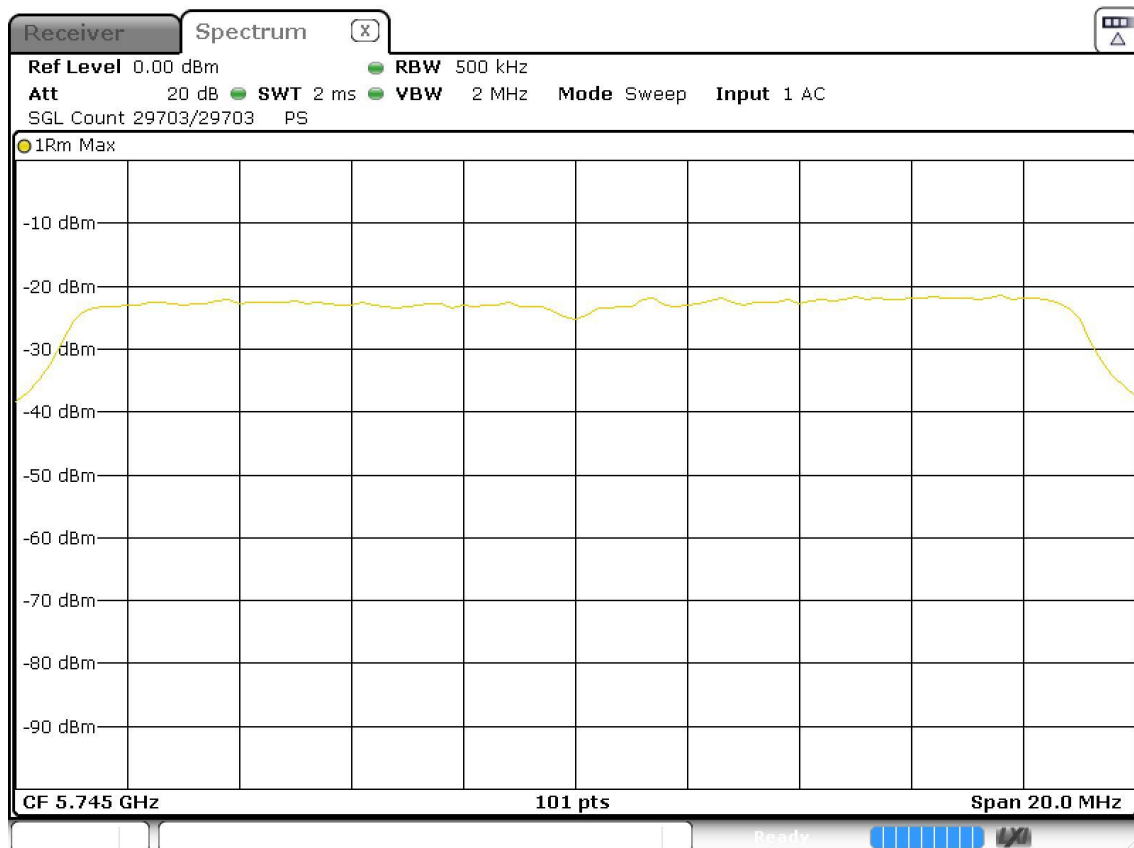
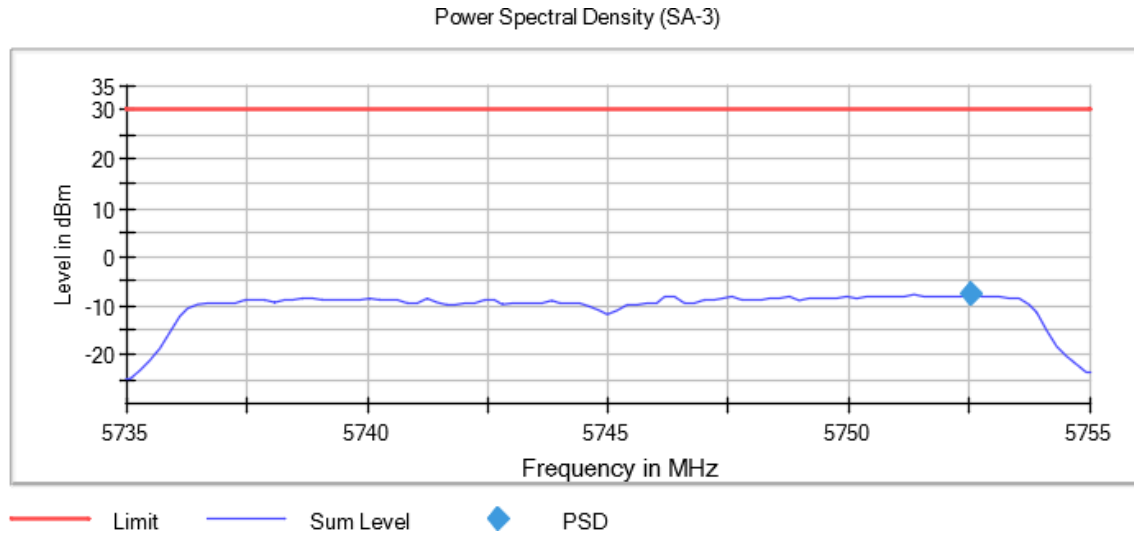
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000

Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



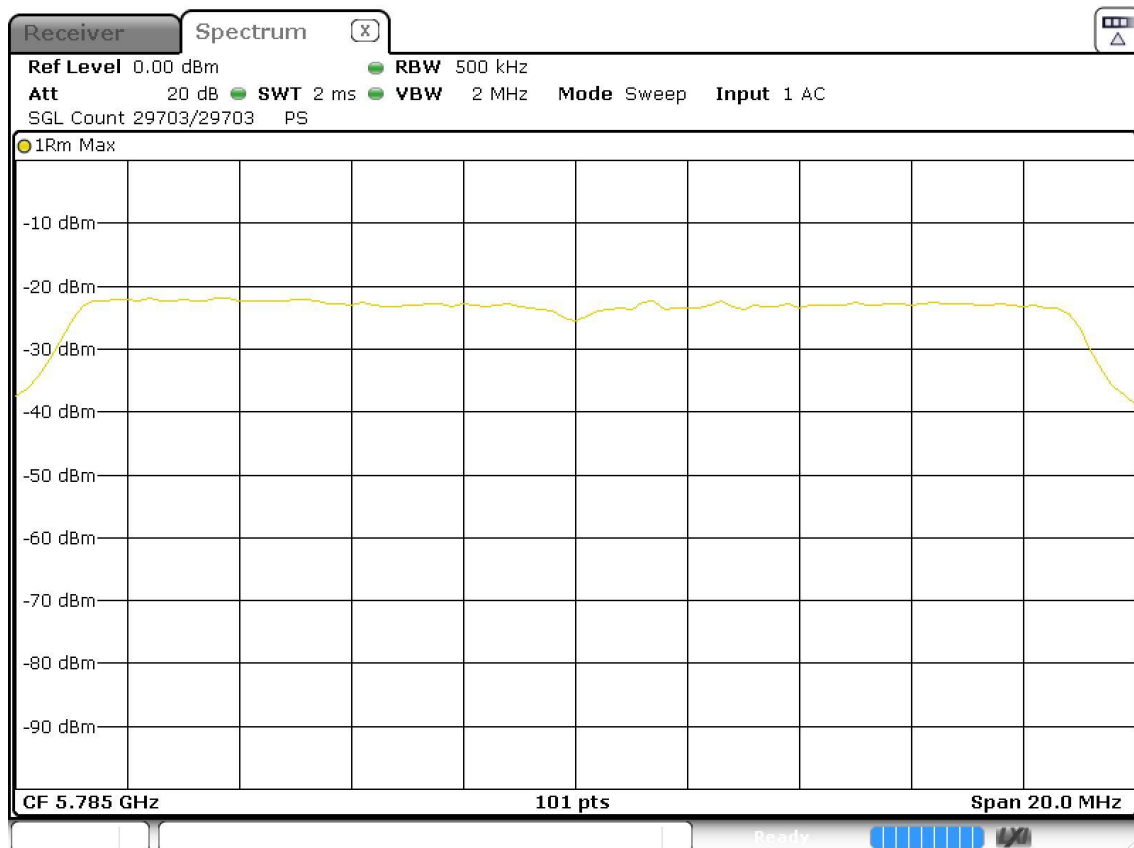
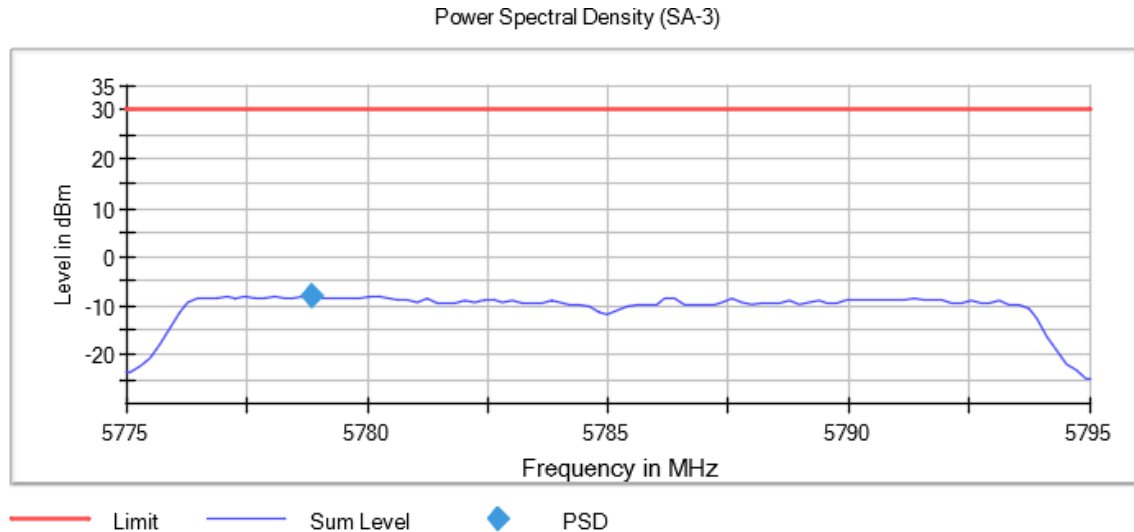
Date: 7.APR.2026 12:05:27

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



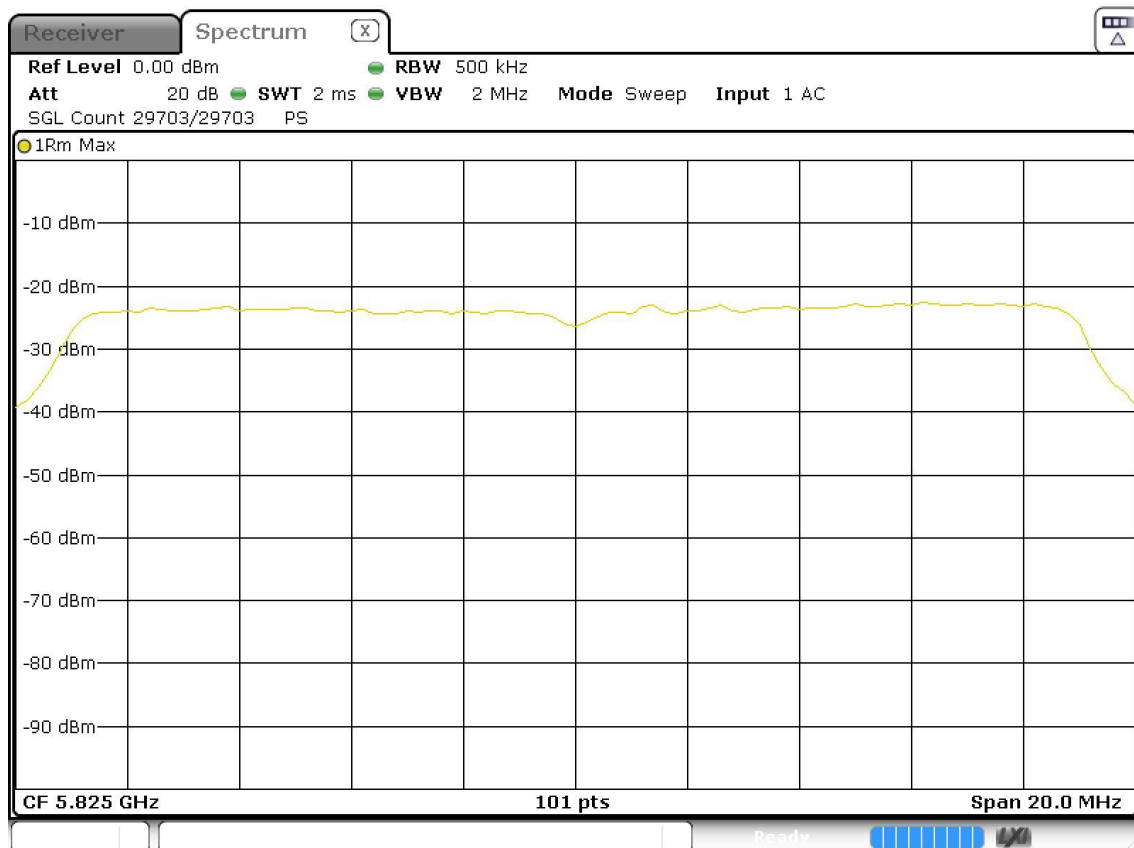
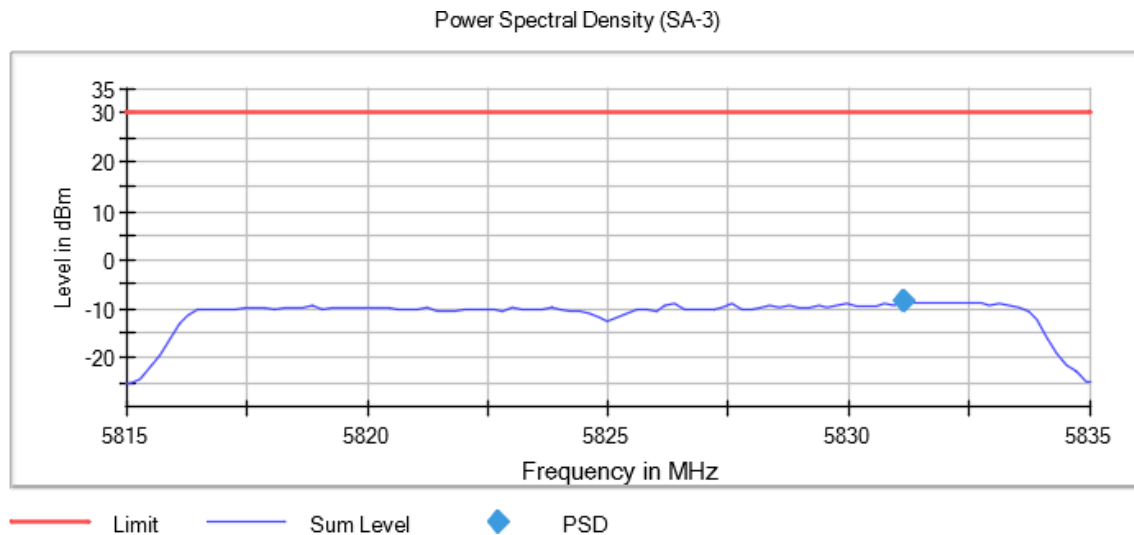
Date: 7.APR.2026 12:43:11

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000 Modulation = 802.11ac VHT20 (OFDM MCS0)

TPC = No

Images:



Date: 7.APR.2026 13:10:53

Modulation: 802.11ac VHT40 (OFDM MCS0)
Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5150, 5850]	1	5190.00000	No	5176.930693	-7.15
		5230.00000		5242.673267	-6.99
		5755.00000		5766.375000	-9.60
		5795.00000		5786.375000	-10.55

Verdict

Pass

Attachments

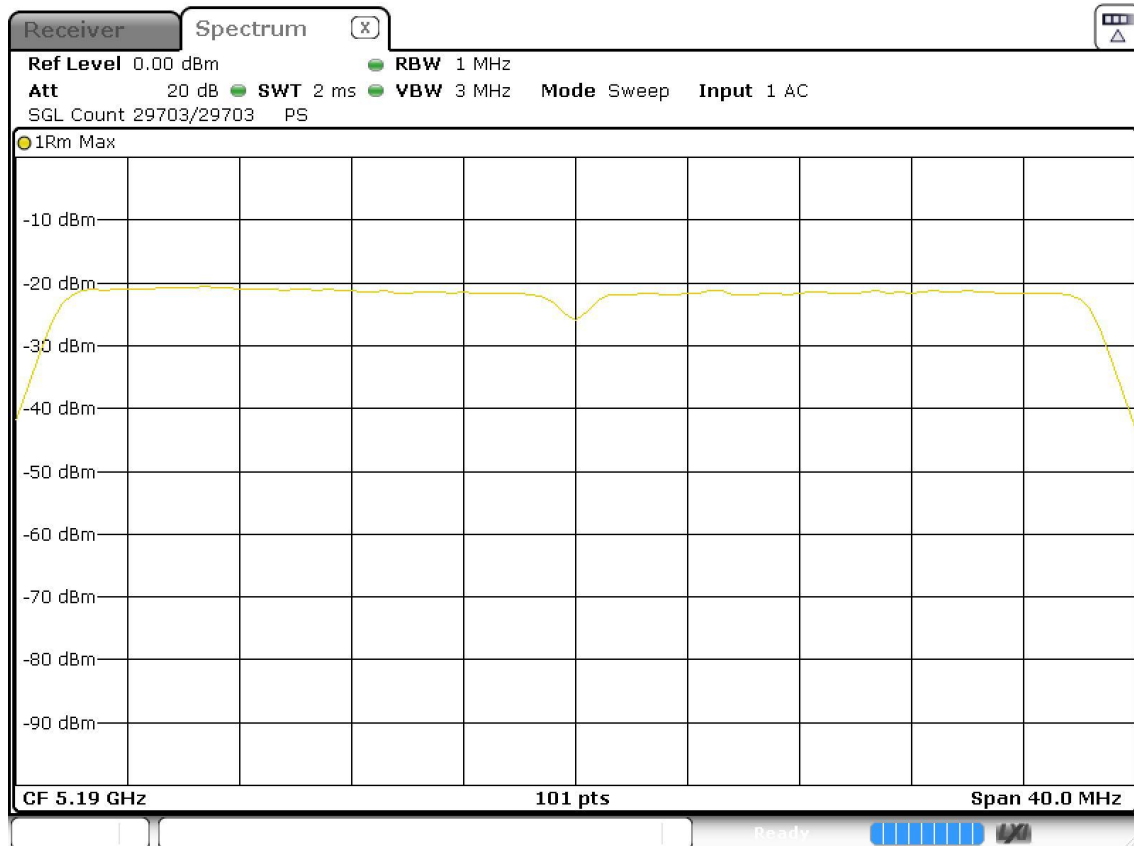
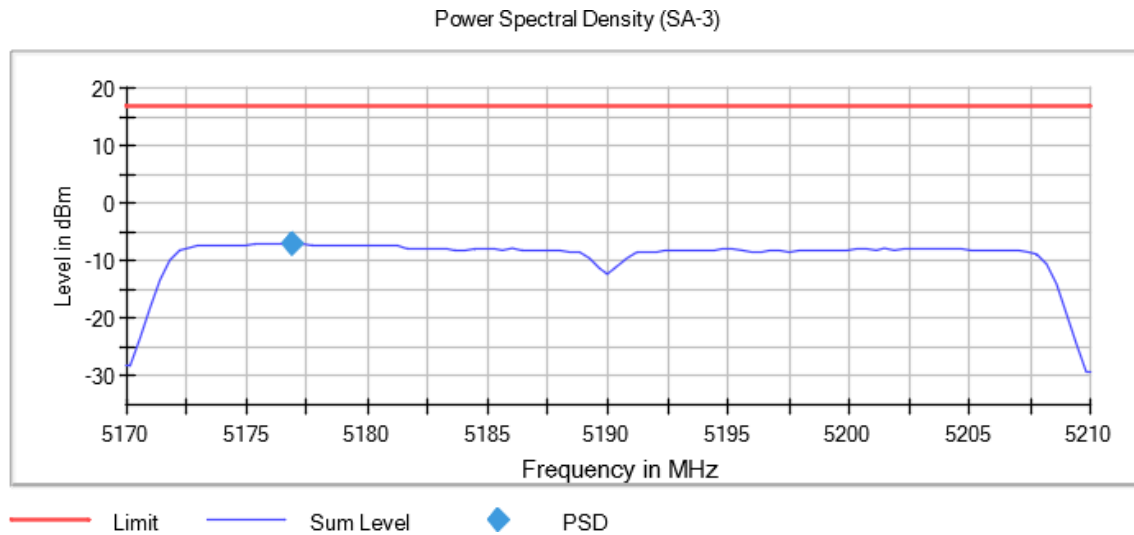
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000

Modulation = 802.11ac VHT40 (OFDM MCS0)

TPC = No

Images:



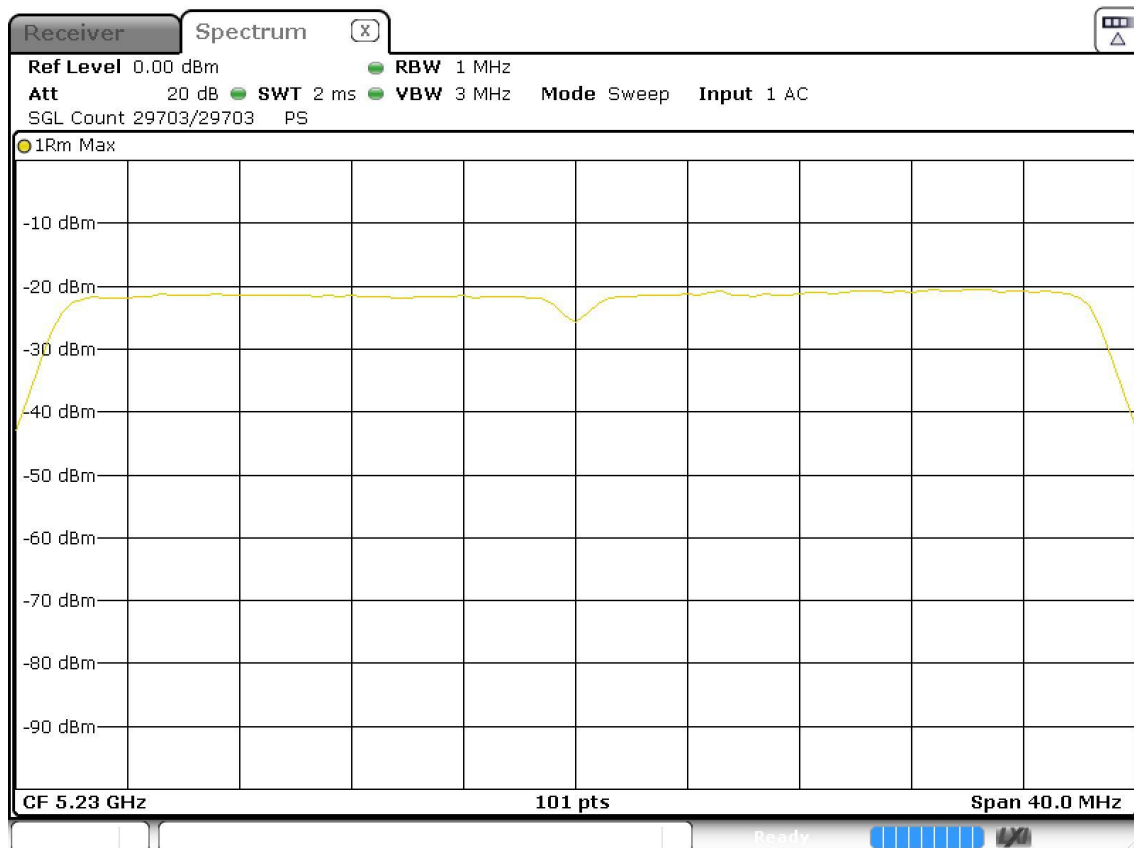
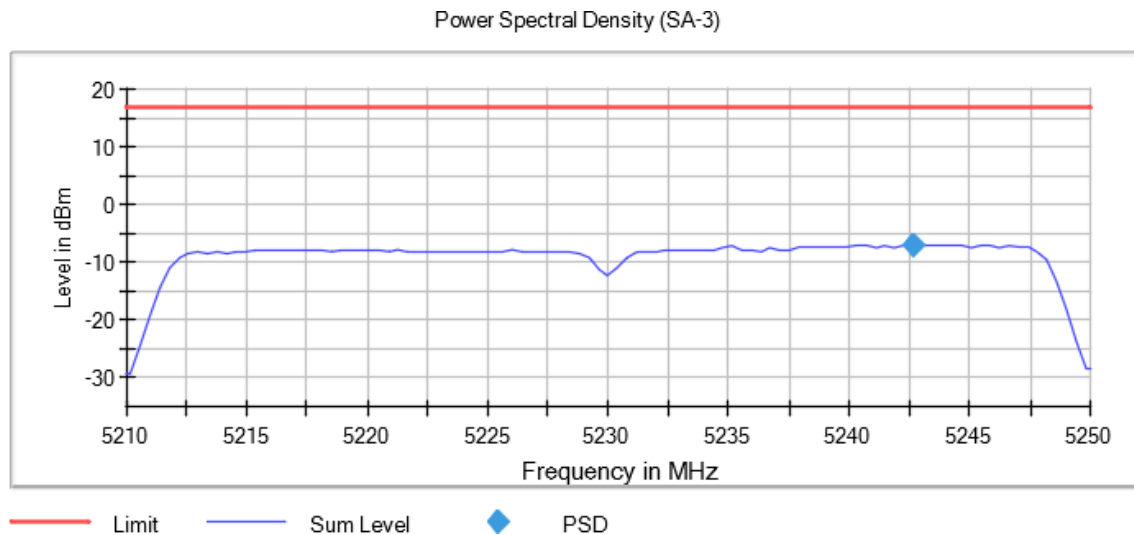
Date: 7.APR.2026 20:46:21

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000 Modulation = 802.11ac VHT40 (OFDM MCS0)

TPC = No

Images:



Date: 8.APR.2026 10:28:50

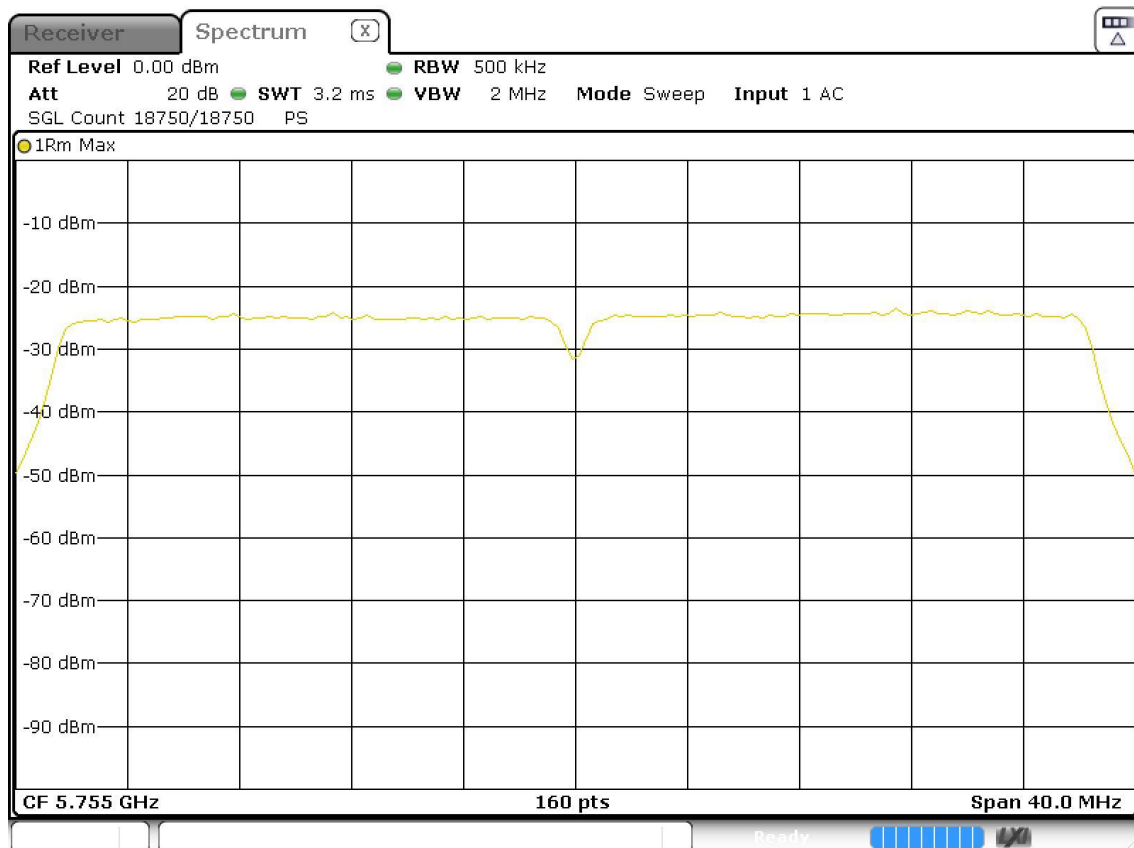
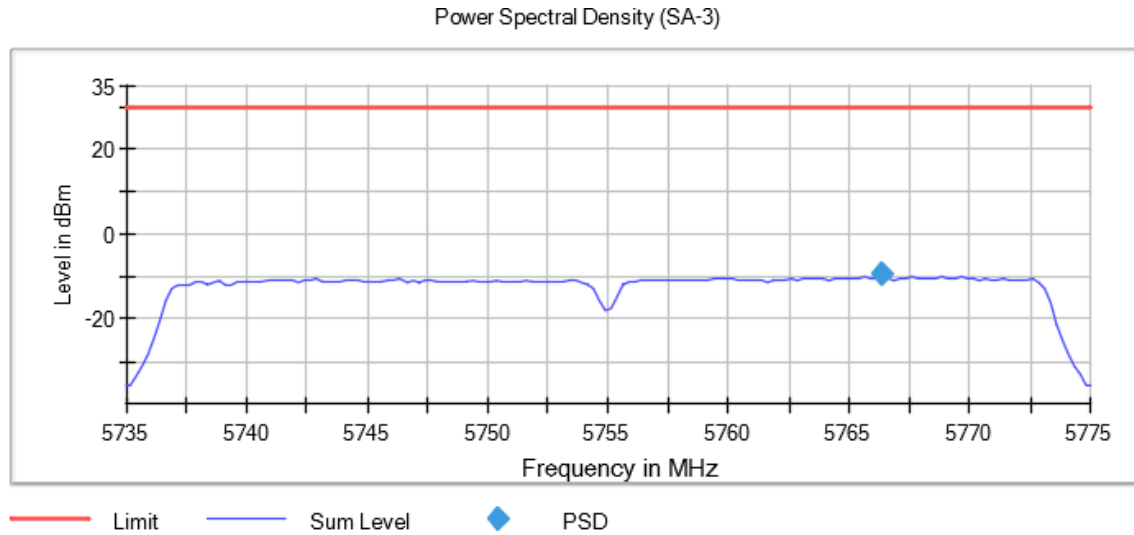
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000

Modulation = 802.11ac VHT40 (OFDM MCS0)

TPC = No

Images:



Date: 8.APR.2026 10:45:21

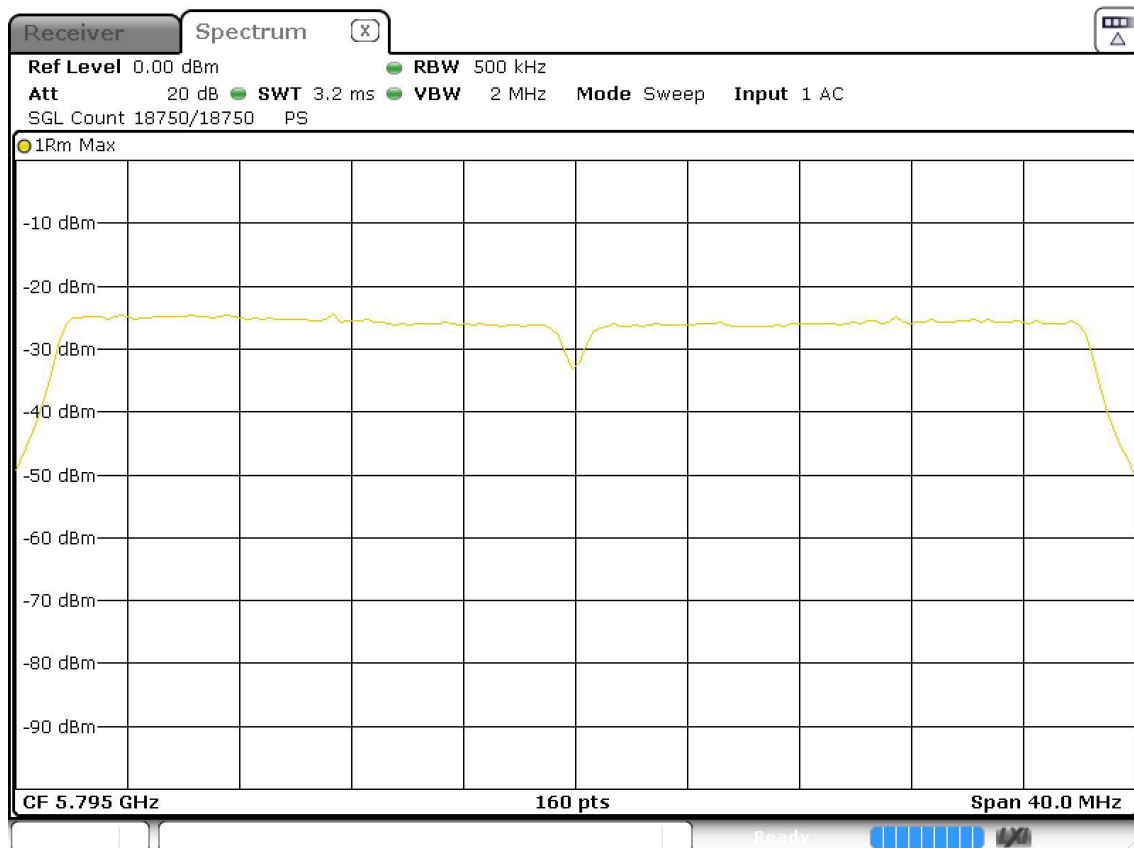
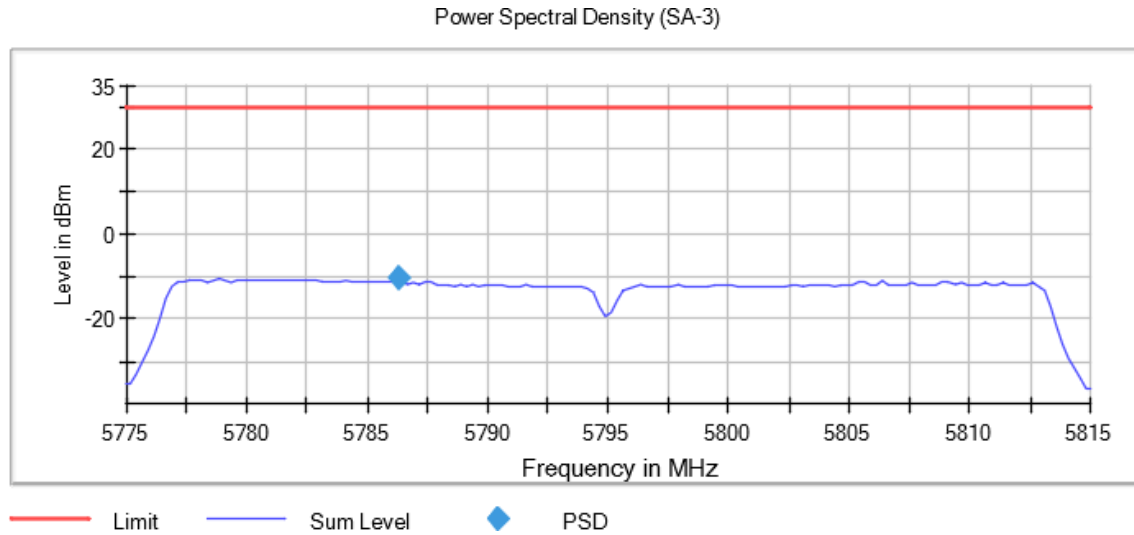
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000

Modulation = 802.11ac VHT40 (OFDM MCS0)

TPC = No

Images:



Date: 8.APR.2026 11:01:10

Modulation: 802.11ac VHT80 (OFDM MCS0)
Results

Operation Band (MHz)	Port	Freq (MHz)	TPC	Freq (MHz)	PSD (dBm)
[5150, 5850]	1	5210.00000	No	5238.750000	-10.70
		5775.00000		5767.625000	-12.32

Verdict

Pass