
FCC Test Report

Report No.: AGC10211260312FR03

FCC ID : 2A2P5-CP-0G01

APPLICATION PURPOSE : Original Equipment

PRODUCT DESIGNATION : Wireless Carplay Adapter (Carplay)

BRAND NAME : *acer*

MODEL NAME : CP-0G01

APPLICANT : Acer Gadget Inc.

DATE OF ISSUE : Mar. 22, 2026

STANDARD(S) : FCC Part 15 Subpart C §15.247

REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd



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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Mar. 22, 2026	Valid	Initial Release

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1. General Information

Applicant	Acer Gadget Inc.
Address	24F., No.112, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan
Manufacturer	HK Linghan Technology Co., Limited
Address	Room 803B, 8/F., West Coast International Building, 290-296 Un Chau Street, Cheung Sha Wan, Kowloon, Hong Kong
Product Designation	Wireless Carplay Adapter (Carplay)
Brand Name	<i>acer</i>
Test Model	CP-0G01
Series Model(s)	N/A
Difference Description	N/A
Date of receipt of test item	Mar. 09, 2026
Date of Test	Mar. 09, 2026~ Mar. 22, 2026
Deviation from Standard	No any deviation from the test method
Condition of Test Sample	Normal
Test Result	Pass
Test Report Form No	AGCER-FCC-2.4GWLAN-V1

Note: The test results of this report relate only to the tested sample identified in this report

Prepared By



Cool Cheng
(Project Engineer)

Mar. 22, 2026

Reviewed By



Bibo Zhang
(Reviewer)

Mar. 22, 2026

Approved By



Angela Li
(Authorized Officer)

Mar. 22, 2026

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2. Product Information

2.1 Product Technical Description

Equipment Type	WLAN 2.4G
Frequency Band	2400MHz ~ 2483.5MHz
Operation Frequency	IEEE 802.11b:2412-2462MHz IEEE 802.11g:2412-2462MHz IEEE 802.11n HT20:2412-2462MHz IEEE 802.11n HT40:2422-2452MHz IEEE 802.11ax HE20:2412-2462MHz IEEE 802.11ax HE40:2422-2452MHz
Modulation	802.11b:(DQPSK, DBPSK, CCK) DSSS 802.11g/n:(64-QAM,16-QAM, QPSK, BPSK) OFDM 802.11ax:(1024-QAM, 256-QAM,64-QAM, 16Q-AM, QPSK, BPSK) OFDMA
Data Rate	802.11b:1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ax: up to 574Mbps
Number of channels	11 Channels for 2412-2462MHz(IEEE 802.11b/g/n HT20/ax HE20) 7 Channels for 2422-2452MHz(IEEE 802.11n HT40/ax HE40)
Hardware Version	BY969_ULTRA_V02
Software Version	V1.0
Antenna Designation	PCB Antenna
Antenna Gain	0.69dBi
Number of transmit chain	1
Power Supply	Input: 5V $\overline{\text{---}}$ 1A

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2.2 Table of Carrier Frequency

For 2412-2462MHz:

11 channels are provided for 802.11b/g/n(HT20)/ax(HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz
04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz
10	2457 MHz	11	2462 MHz		

7 channels are provided for 802.11n(HT40)/ax(HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	--	02	--	03	2422 MHz
04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz
10	--	11	--		

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2.3 IEEE 802.11n Modulation Scheme

MCS Index	N _{ss}	Modulation	R	N _{BPSC}	N _{CBPS}		N _{DBPS}		Data Rate(Mbps)	
									800nsGI	
					20MHz	40MHz	20MHz	40MHz	20MHz	40MHz
0	1	BPSK	1/2	1	52	108	26	54	6.5	13.5
1	1	QPSK	1/2	2	104	216	52	108	13.0	27.0
2	1	QPSK	3/4	2	104	216	78	162	19.5	40.5
3	1	16-QAM	1/2	4	208	432	104	216	26.0	54.0
4	1	16-QAM	3/4	4	208	432	156	324	39.0	81.0
5	1	64-QAM	2/3	6	312	648	208	432	52.0	108.0
6	1	64-QAM	3/4	6	312	648	234	489	58.5	121.5
7	1	64-QAM	5/6	6	312	648	260	540	65.0	135.0

Symbol	Explanation
NSS	Number of spatial streams
R	Code rate
NBPSC	Number of coded bits per single carrier
NCBPS	Number of coded bits per symbol
NDBPS	Number of data bits per symbol
GI	Guard interval

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2.4 Related Submittal(S) / Grant (S)

This submittal(s) (test report) is intended for FCC ID: **2A2P5-CP-0G01**, filing to comply with Part 2, Part 15 of the Federal Communication Commission rules.

2.5 Test Methodology

The tests were performed according to following standards:

No.	Identity	Document Title
1	FCC 47 CFR Part 2	Frequency allocations and radio treaty matters; general rules and regulations
2	FCC 47 CFR Part 15	Radio Frequency Devices
3	ANSI C63.10-2020+Cor.1-2023	American National Standard for Testing Unlicensed Wireless Devices
4	KDB 662911	KDB 662911 D01 Multiple Transmitter Output v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)

2.6 Special Accessories

Refer to section 4.4.

2.7 Equipment Modifications

Not available for this EUT intended for grant.

2.8 Antenna Requirement

Standard Requirement
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi
EUT Antenna: The non-detachable antenna inside the device cannot be replaced by the user at will. For the antenna gain, please refer to the description in Chapter 2.1 of the report.

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3. Test Environment

3.1 Address of The Test Laboratory

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to follow CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories).

A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to follow ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files with Registration 975832.

IC-Registration No.: 24842 (CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.

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3.3 Environmental Conditions

	Normal Conditions
Temperature range (°C)	15 - 35
Relative humidity range	20 % - 75 %
Pressure range (kPa)	86 - 106

3.4 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Item	Measurement Uncertainty
Uncertainty of Conducted Emission for AC Port	$U_c = \pm 2.9 \text{ dB}$
Uncertainty of Radiated Emission below 1GHz	$U_c = \pm 3.9 \text{ dB}$
Uncertainty of Radiated Emission above 1GHz	$U_c = \pm 4.9 \text{ dB}$
Uncertainty of total RF power, conducted	$U_c = \pm 0.8 \text{ dB}$
Uncertainty of RF power density, conducted	$U_c = \pm 2.6 \text{ dB}$
Uncertainty of spurious emissions, conducted	$U_c = \pm 2 \%$
Uncertainty of Occupied Channel Bandwidth	$U_c = \pm 2 \%$
Uncertainty of Duty Cycle	$U_c = \pm 2 \%$

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3.5 List of Equipment Used

● RF Conducted Test System							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☒	AGC-ER-E036	Spectrum Analyzer	Agilent	N9020A	MY49100060	2025-05-08	2026-05-07
☒	AGC-ER-A007	6dB Fixed Attenuator	Mini circuits	BW-S6-2W263A+	N/A	2026-01-31	2028-01-30
☒	N/A	RF Connection Cable	N/A	1#	N/A	Each time	N/A
☒	N/A	RF Connection Cable	N/A	2#	N/A	Each time	N/A
☐	AGC-ER-E091	DC Power Supply	AIDEKESI	IT6720	800103030787810080	2024-03-28	2026-03-27

● Radiated Spurious Emission							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☒	AGC-EM-E046	EMI Test Receiver	R&S	ESCI	100096	2026-01-13	2027-01-12
☐	AGC-EM-E116	EMI Test Receiver	R&S	ESCI	100034	2025-05-08	2026-05-07
☒	AGC-EM-E061	Spectrum Analyzer	Agilent	N9010A	MY53470504	2025-05-08	2026-05-07
☒	AGC-EM-E086	Loop Antenna	ZHINAN	ZN30900C	18051	2026-01-14	2028-01-13
☒	AGC-EM-E001	Wideband Antenna	SCHWARZBECK	VULB9168	D69250	2025-03-14	2027-03-13
☒	AGC-EM-E029	Broadband Ridged Horn Antenna	ETS	3117	00034609	2025-03-27	2026-03-26
☒	AGC-EM-E082	Horn Antenna	SCHWARZBECK	BBHA 9170	#768	2025-09-10	2027-09-09
☒	AGC-EM-E146	Pre-amplifier	ETS	3117-PA	00246148	2024-07-24	2026-07-23
☒	AGC-EM-A119	2.4GHz Filter	SongYi	N/A	N/A	2025-05-16	2026-05-15
☒	AGC-EM-A138	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2025-05-16	2027-05-15
☐	AGC-EM-A139	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2025-05-16	2027-05-15

● AC Power Line Conducted Emission							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☒	AGC-EM-E116	EMI Test Receiver	R&S	ESCI	100034	2025-05-08	2026-05-07
☒	AGC-EM-A171	Attenuator	Mini-Circuits	UNAT-10A+	DC-6GZ	2026-01-13	2028-01-12
☒	AGC-EM-E023	AMN	R&S	ESH2-Z5	100086	2025-05-08	2026-05-07

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● Test Software					
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Version Information
☒	AGC-EM-S001	CE Test System	R&S	ES-K1	V1.71
☐	AGC-EM-S003	RE Test System	FARA	EZ-EMC	VRA-03A
☒	AGC-EM-S004	RE Test System	Tonscend	TS+ Ver2.1(JS32-RE)	4.0.0.0
☒	AGC-ER-S012	BT/WIFI Test System	Tonscend	JS1120-2	2.6
☒	AGC-EM-S011	RSE Test System	Tonscend	TS+-Ver2.1(JS36-RSE)	4.0.0.0

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4. System Test Configuration

4.1 EUT Configuration

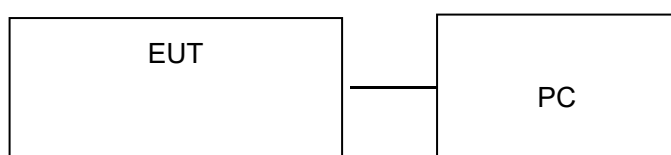
The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

4.2 EUT Exercise

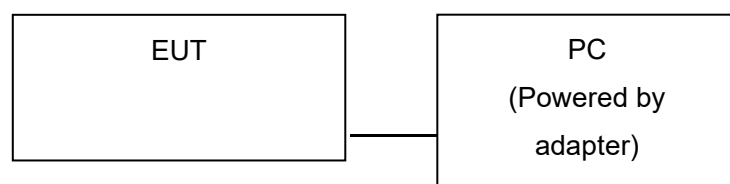
The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

4.3 Configuration of Tested System

Radiated Emission Configure:



Conducted Emission



4.4 Equipment Used in Tested System

The following peripheral devices and interface cables were connected during the measurement:

☒ Test Accessories Come From The Laboratory

No.	Equipment	Manufacturer	Model No.	Specification Information	Cable
1	PC	ASUS	X454L	--	--
2	Adapter	ASUS	W23-065N2C	DC 20V/3.25A	--

☐ Test Accessories Come From The Manufacturer

No.	Equipment	Manufacturer	Model No.	Specification Information	Cable
1	--	--	--	--	--

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4.5 Summary of Test Results

Item	FCC Rules	Description of Test	Result
1	§15.203&15.247(b)(4)	Antenna Equipment	Pass
2	§15.247 (b)(1)	RF Output Power	Pass
3	§15.247 (a)(1)	6 dB Bandwidth	Pass
4	§15.247 (e)	Power Spectral Density	Pass
5	§15.247 (d)	Conducted Band Edge and Out-of-Band Emissions	Pass
6	§15.247 (d)&15.209	Radiated Spurious Emission	Pass
7	§15.207	AC Power Line Conducted Emission	Pass

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5. Description of Test Modes

Summary table of Test Cases	
Test Item	Data Rate / Modulation
	2.4G WLAN – 802.11b/g/n (DSSS/OFDM)
Radiated & Conducted Test Cases	Mode 1: 802.11b_TX CH01_2412 MHz_1 Mbps Mode 2: 802.11b_TX CH06_2437 MHz_1 Mbps Mode 3: 802.11b_TX CH11_2462 MHz_1 Mbps Mode 4: 802.11g_TX CH01_2412 MHz_6 Mbps Mode 5: 802.11g_TX CH06_2437 MHz_6 Mbps Mode 6: 802.11g_TX CH11_2462 MHz_6 Mbps Mode 7: 802.11n-HT20_TX CH01_2412 MHz_MCS0 Mbps Mode 8: 802.11n-HT20_TX CH06_2437 MHz_MCS0 Mbps Mode 9: 802.11n-HT20_TX CH11_2462 MHz_MCS0 Mbps Mode 10: 802.11ax-HE20_TX CH01_2412 MHz_MCS0 Mbps Mode 11: 802.11ax-HE20_TX CH06_2437 MHz_MCS0 Mbps Mode 12: 802.11ax-HE20_TX CH11_2462 MHz_MCS0 Mbps Mode 13: 802.11n-HT40_TX CH03_2422 MHz_MCS0 Mbps Mode 14: 802.11n-HT40_TX CH06_2437 MHz_MCS0 Mbps Mode 15: 802.11n-HT40_TX CH09_2452 MHz_MCS0 Mbps Mode 16: 802.11ax-HE40_TX CH03_2422 MHz_MCS0 Mbps Mode 17: 802.11ax-HE40_TX CH06_2437 MHz_MCS0 Mbps Mode 18: 802.11ax-HE40_TX CH09_2452 MHz_MCS0 Mbps
AC Conducted Emission	Mode 1: Wi-Fi Link

Note:

1. For Conducted Test method, a temporary antenna connector is provided by the manufacture.
2. All modes and antennas in the radiation spurious test are pre-scanned. When there is no MIMO technology mode, antenna 1 is evaluated. When there is MIMO technology mode, antenna 1 + antenna 2 are evaluated as the worst data.
3. The manufacturer of RF external cable claims that the cable loss is 0.5dB, and the cable loss and attenuator have been compensated into the Corrections Configuration of measuring equipment.
4. Input correction factor includes external cable loss and attenuator amplitude compensation. The formula is: Input compensation coefficient (dB) = Cable Loss (dB) + Attenuator attenuation value (dB)
5. The system was configured for testing in a continuous transmits condition and change test channels by engineer mode (Android Debug Bridge version 1.0.29 at default power level) provided by application.

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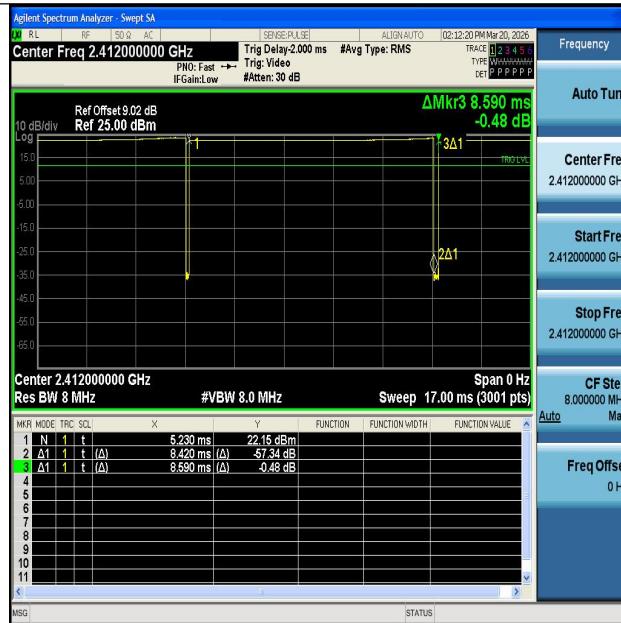
6. Duty Cycle Measurement

2.4GHz WLAN (DTS) operation is possible in 20MHz, and 40MHz channel bandwidths. The maximum achievable duty cycles for all modes were determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 50MHz, and detector = Average. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

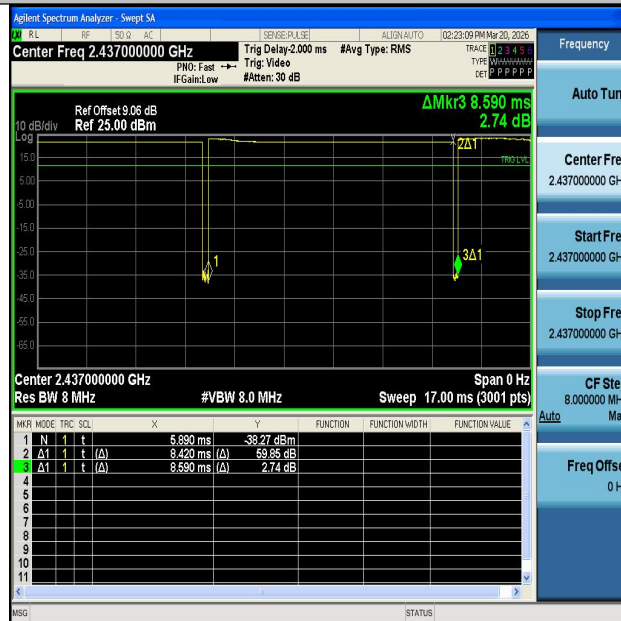
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	8.42	8.59	98.02	0.09
11B	Ant1	2437	8.42	8.59	98.02	0.09
11B	Ant1	2462	8.42	8.58	98.14	0.08
11G	Ant1	2412	1.39	1.60	86.88	0.61
11G	Ant1	2437	1.40	1.54	90.91	0.41
11G	Ant1	2462	1.40	1.64	85.37	0.69
11N20SISO	Ant1	2412	0.54	0.71	76.06	1.19
11N20SISO	Ant1	2437	0.55	0.72	76.39	1.17
11N20SISO	Ant1	2462	0.54	0.78	69.23	1.60
11N40SISO	Ant1	2422	0.52	0.67	77.61	1.10
11N40SISO	Ant1	2437	0.53	0.75	70.67	1.51
11N40SISO	Ant1	2452	0.52	0.98	53.06	2.75
11AX20SISO	Ant1	2412	0.34	0.52	65.38	1.85
11AX20SISO	Ant1	2437	0.34	0.54	62.96	2.01
11AX20SISO	Ant1	2462	0.34	0.53	64.15	1.93
11AX40SISO	Ant1	2422	0.34	0.50	68.00	1.67
11AX40SISO	Ant1	2437	0.34	0.55	61.82	2.09
11AX40SISO	Ant1	2452	0.34	0.57	59.65	2.24

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The test plots as follows:



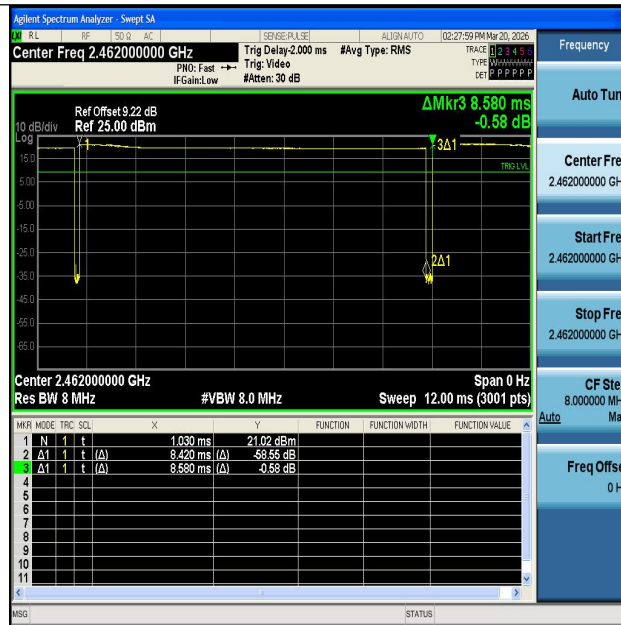
NTNV-11B-Ant1-2412



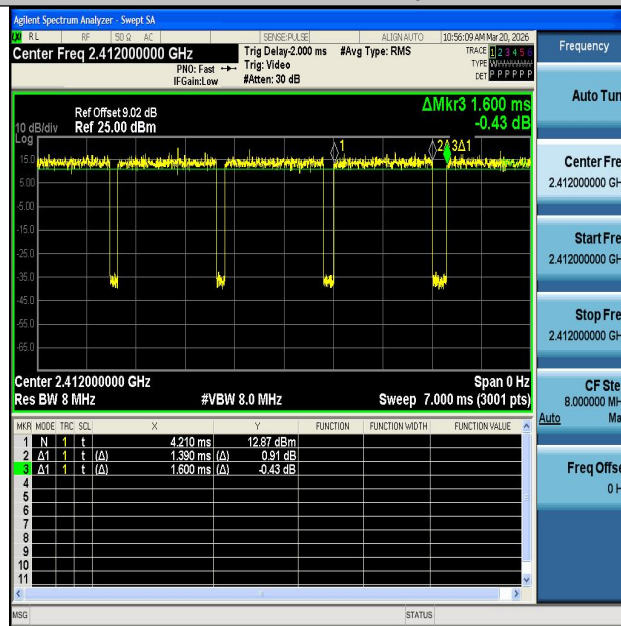
NTNV-11B-Ant1-2437

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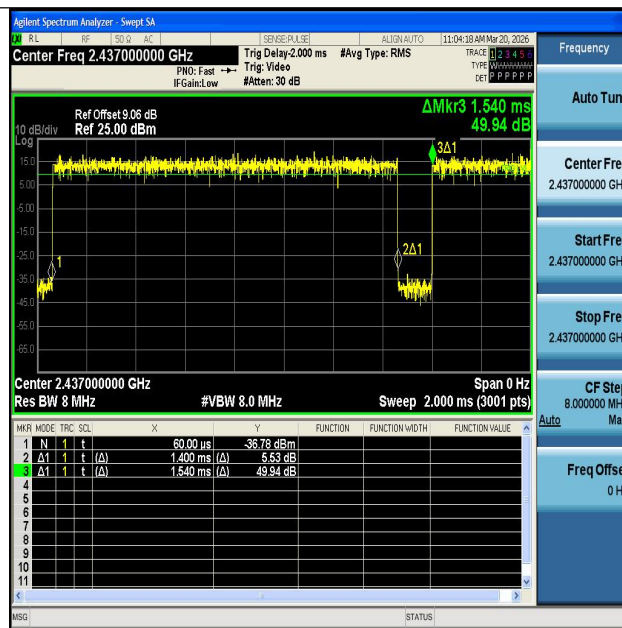
NTNV-11B-Ant1-2462



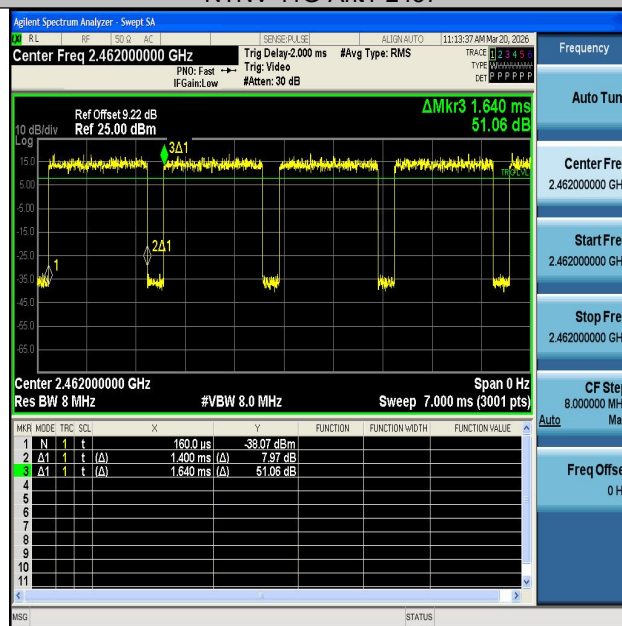
NTNV-11G-Ant1-2412

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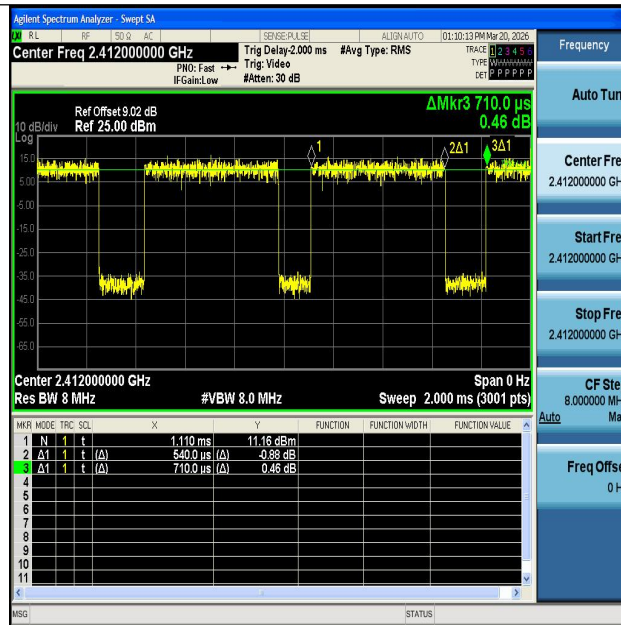
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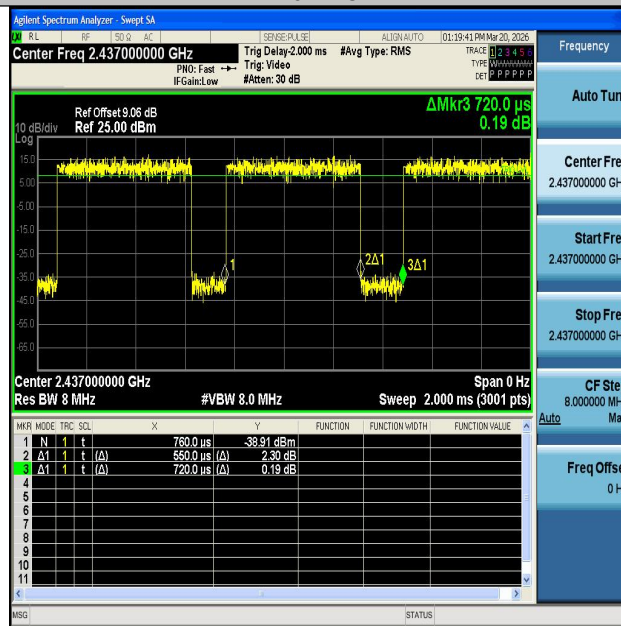
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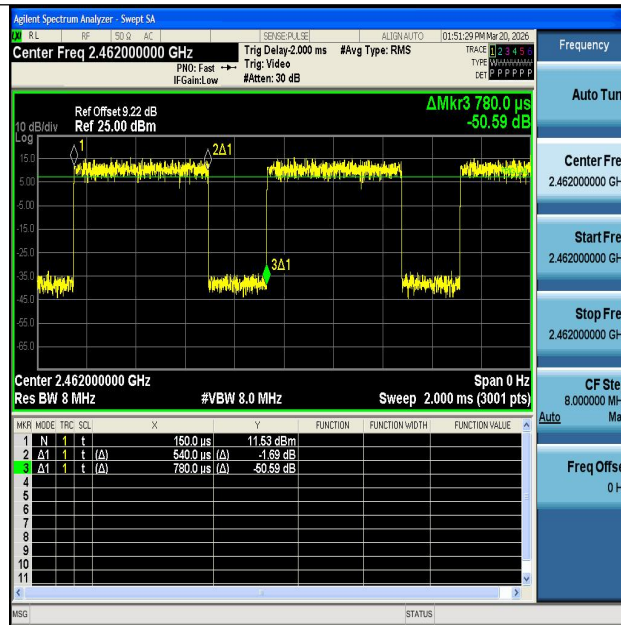


NTNV-11N20SISO-Ant1-2412

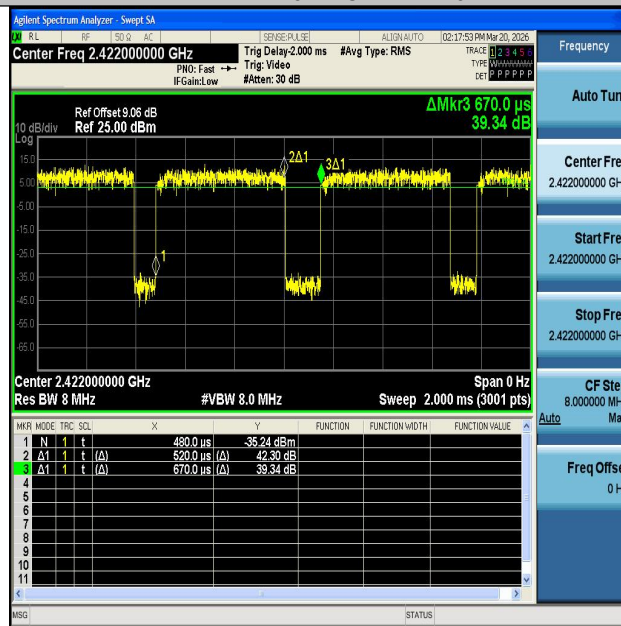


NTNV-11N20SISO-Ant1-2437

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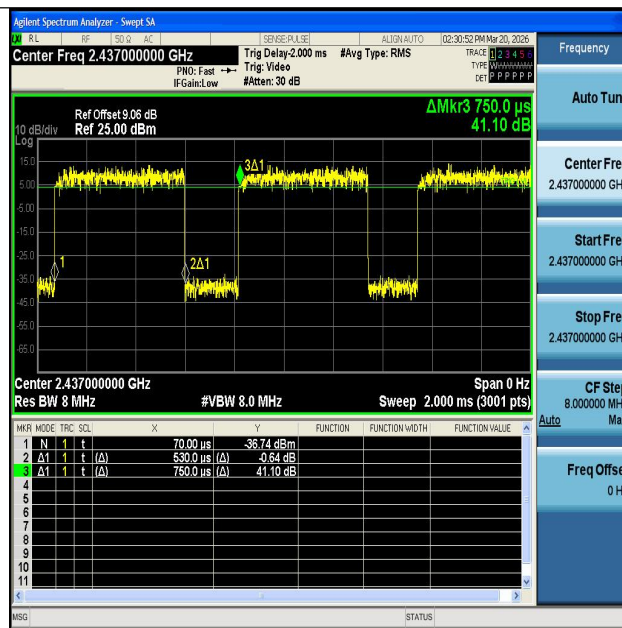
NTNV-11N20SISO-Ant1-2462



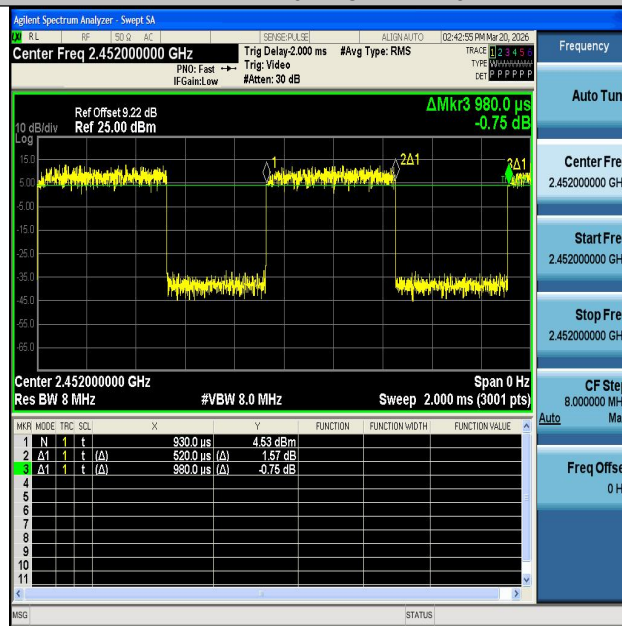
NTNV-11N40SISO-Ant1-2422

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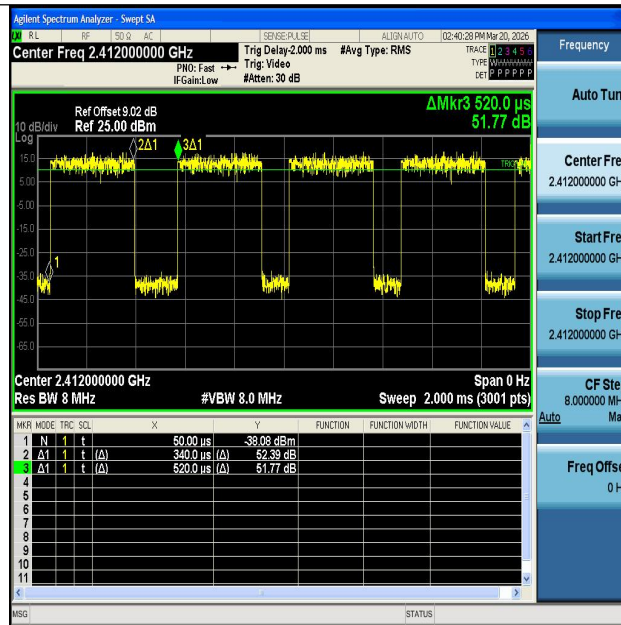
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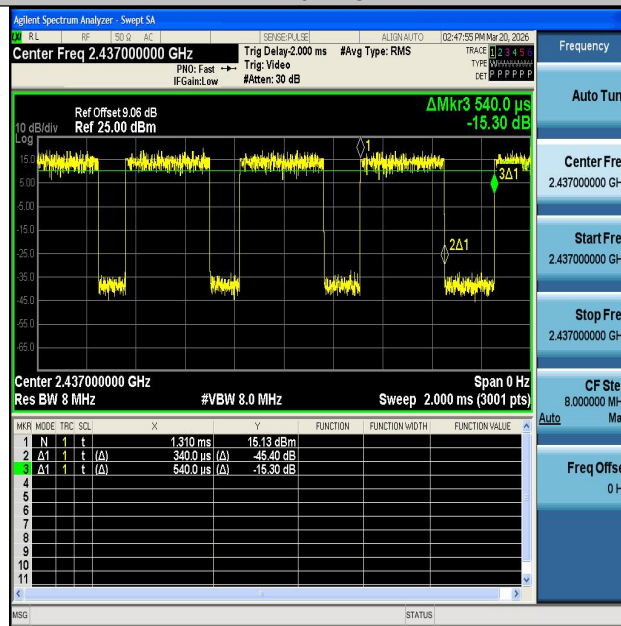
NTNV-11N40SISO-Ant1-2452

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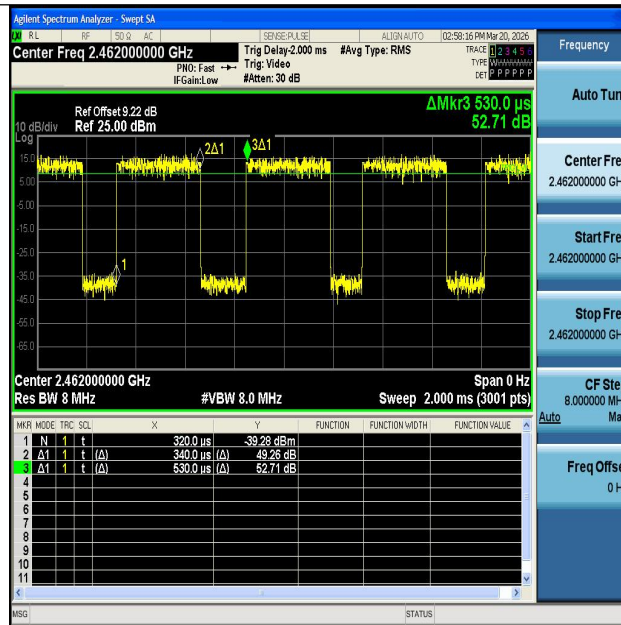


NTNV-11AX20SISO-Ant1-2412

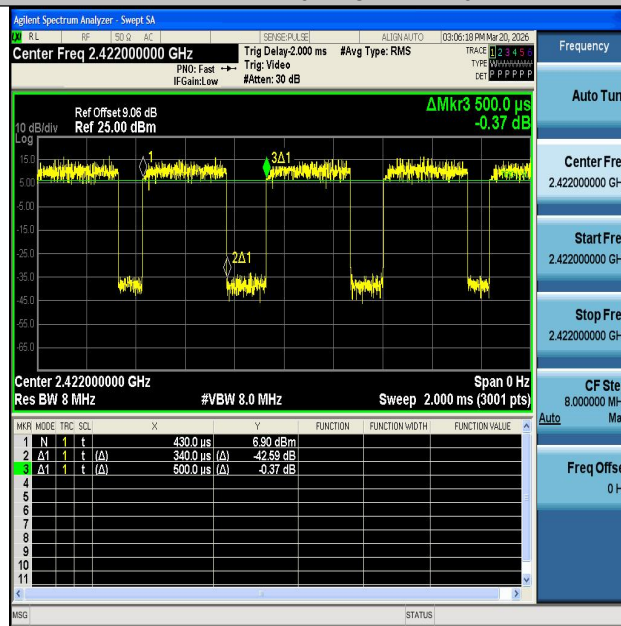


NTNV-11AX20SISO-Ant1-2437

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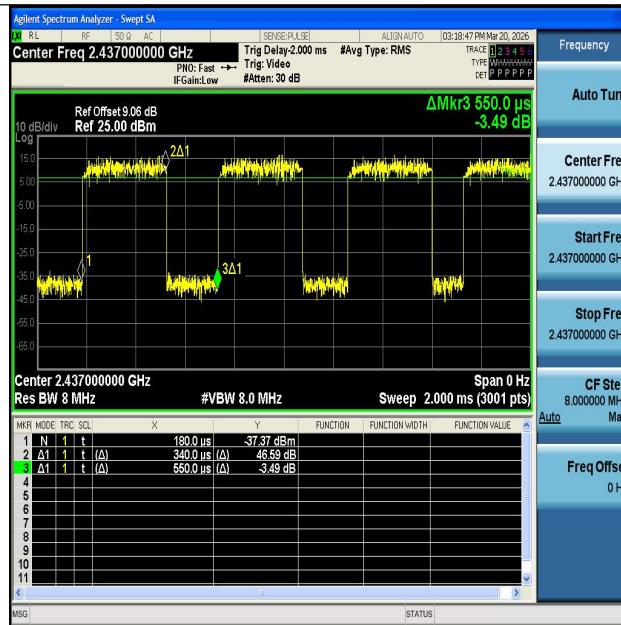


NTNV-11AX20SISO-Ant1-2462

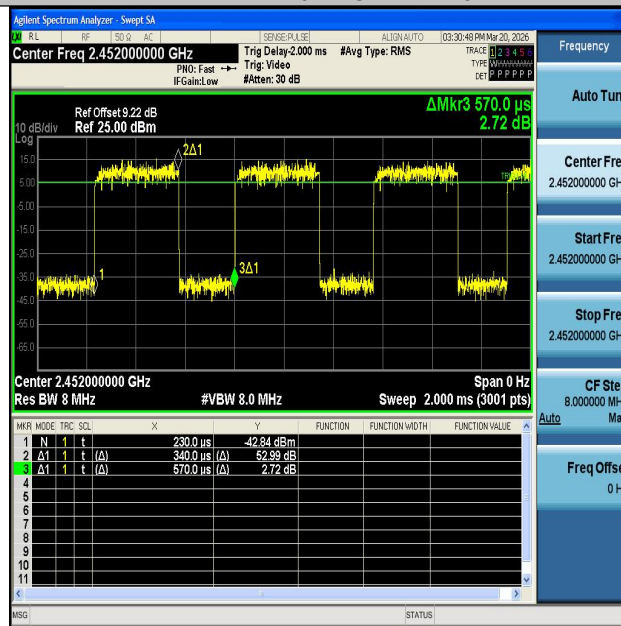


NTNV-11AX40SISO-Ant1-2422

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NTNV-11AX40SISO-Ant1-2437



NTNV-11AX40SISO-Ant1-2452

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7. RF Output Power Measurement

7.1 Provisions Applicable

For DTSs employing digital modulation techniques operating in the bands 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1 W.

7.2 Measurement Procedure

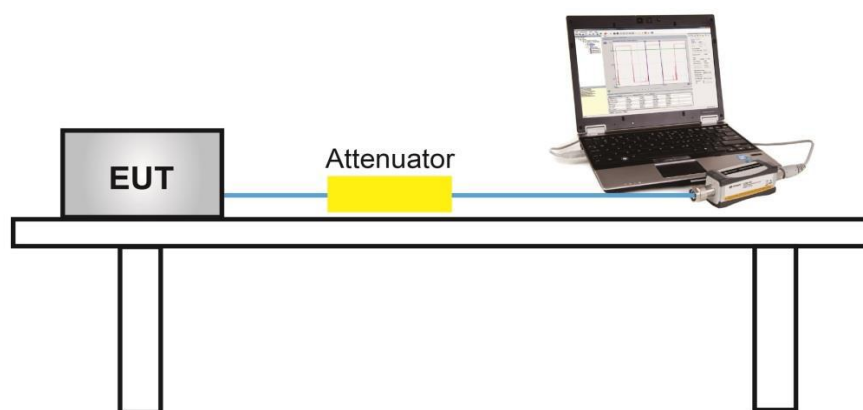
☒ Method PM is Measurement using an RF Peak power meter. The procedure for this method is as follows:

1. The testing follows the ANSI C63.10 Section 11.9.1.3
2. The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

☒ Method PM is Measurement using an RF average power meter. The procedure for this method is as follows:

1. The testing follows the ANSI C63.10 Section 11.9.2.3
2. Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
3. The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
4. At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
5. The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
6. Determine according to the duty cycle of the equipment: when it is less than 98%, follow the steps below.
7. Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
8. Adjust the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle {e.g., $[10 \log (1 / 0.25)]$, if the duty cycle is 25%}.
9. Record the test results in the report.

7.3 Measurement Setup (Block Diagram of Configuration)



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7.4 Measurement Result

Test Mode	Antenna	Frequency [MHz]	Conducted Power [dBm]	Conducted Limit [dBm]	Verdict
11B	Ant1	2412	18.40	≤30.00	PASS
11B	Ant1	2437	18.32	≤30.00	PASS
11B	Ant1	2462	16.09	≤30.00	PASS
11G	Ant1	2412	15.58	≤30.00	PASS
11G	Ant1	2437	17.17	≤30.00	PASS
11G	Ant1	2462	16.16	≤30.00	PASS
11N20SISO	Ant1	2412	12.65	≤30.00	PASS
11N20SISO	Ant1	2437	14.26	≤30.00	PASS
11N20SISO	Ant1	2462	13.05	≤30.00	PASS
11N40SISO	Ant1	2422	13.39	≤30.00	PASS
11N40SISO	Ant1	2437	14.13	≤30.00	PASS
11N40SISO	Ant1	2452	14.16	≤30.00	PASS
11AX20SISO	Ant1	2412	12.44	≤30.00	PASS
11AX20SISO	Ant1	2437	13.10	≤30.00	PASS
11AX20SISO	Ant1	2462	11.79	≤30.00	PASS
11AX40SISO	Ant1	2422	12.91	≤30.00	PASS
11AX40SISO	Ant1	2437	13.05	≤30.00	PASS
11AX40SISO	Ant1	2452	12.56	≤30.00	PASS

Note:

1. The Total Average Conducted Output Power (dBm) = $10 \cdot \log \{10^{(\text{Ant1 AVG} / 10)} + 10^{(\text{Ant2 AVG} / 10)}\}$.

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8. 6dB Bandwidth Measurement

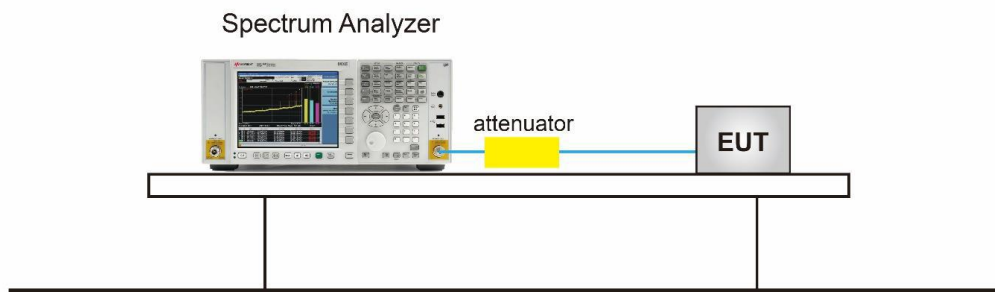
8.1 Provisions Applicable

The minimum 6dB bandwidth shall be 500 kHz.

8.2 Measurement Procedure

- The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 11.8.1 (6dB BW).
1. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
 2. Set to the maximum power setting and enable the EUT transmit continuously.
 3. For 6dB Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) = 300 kHz. Set the Video bandwidth (VBW) = 1MHz. In order to make an accurate measurement.
 4. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the OBW and set the Video bandwidth (VBW) $\geq 3 * RBW$.
 5. Detector = peak
 6. Trace mode = max hold.
 7. Sweep = auto couple.
 8. Allow the trace to stabilize.
 9. Measure and record the results in the test report.

8.3 Measurement Setup (Block Diagram of Configuration)



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8.4 Measurement Result

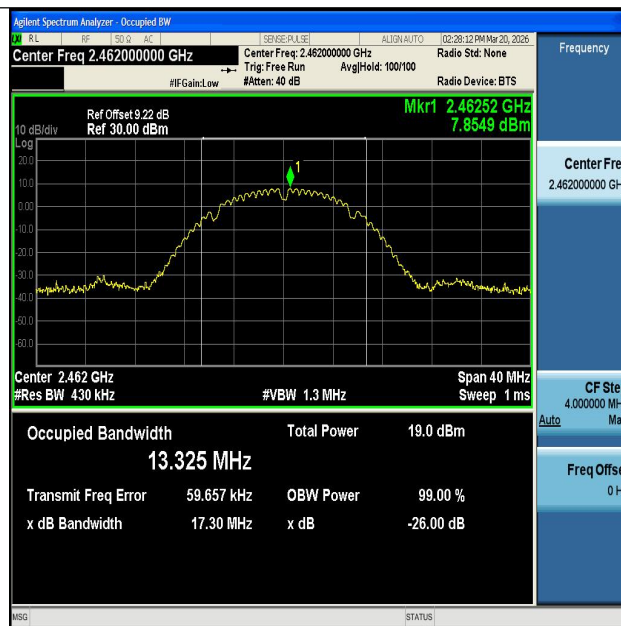
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	DTS BW [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	13.390	8.600	0.5	PASS
11B	Ant1	2437	13.258	9.040	0.5	PASS
11B	Ant1	2462	13.325	8.560	0.5	PASS
11G	Ant1	2412	17.428	16.080	0.5	PASS
11G	Ant1	2437	17.241	15.680	0.5	PASS
11G	Ant1	2462	17.410	15.880	0.5	PASS
11N20SISO	Ant1	2412	18.265	17.600	0.5	PASS
11N20SISO	Ant1	2437	18.176	16.920	0.5	PASS
11N20SISO	Ant1	2462	18.291	17.400	0.5	PASS
11N40SISO	Ant1	2422	36.627	36.320	0.5	PASS
11N40SISO	Ant1	2437	36.495	35.360	0.5	PASS
11N40SISO	Ant1	2452	36.726	36.080	0.5	PASS
11AX20SISO	Ant1	2412	19.155	18.320	0.5	PASS
11AX20SISO	Ant1	2437	19.026	16.840	0.5	PASS
11AX20SISO	Ant1	2462	19.113	18.360	0.5	PASS
11AX40SISO	Ant1	2422	37.968	37.040	0.5	PASS
11AX40SISO	Ant1	2437	37.768	36.240	0.5	PASS
11AX40SISO	Ant1	2452	37.976	36.480	0.5	PASS

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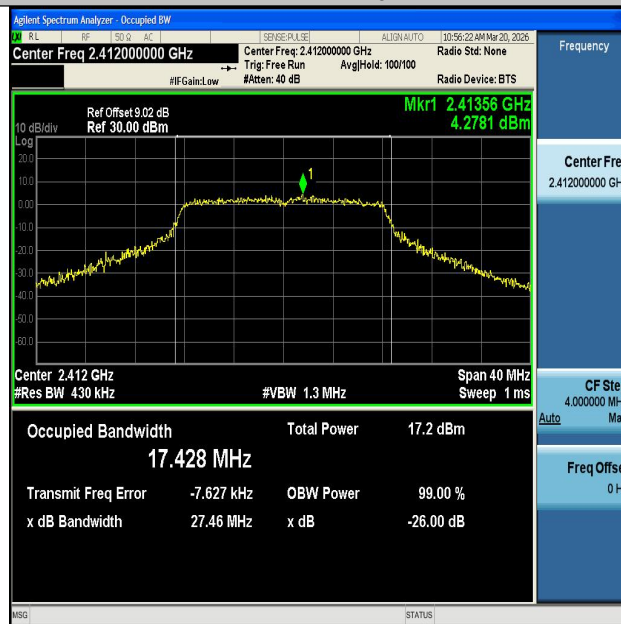
Test Graphs of Occupied Bandwidth



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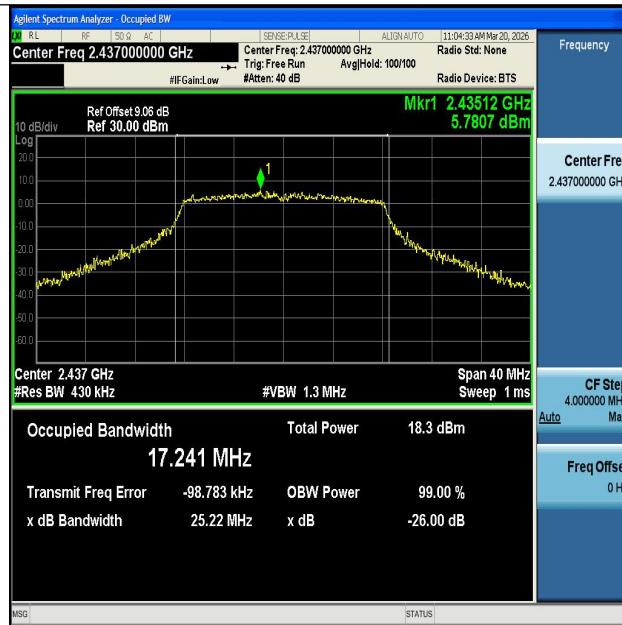
11B-Ant1-2462



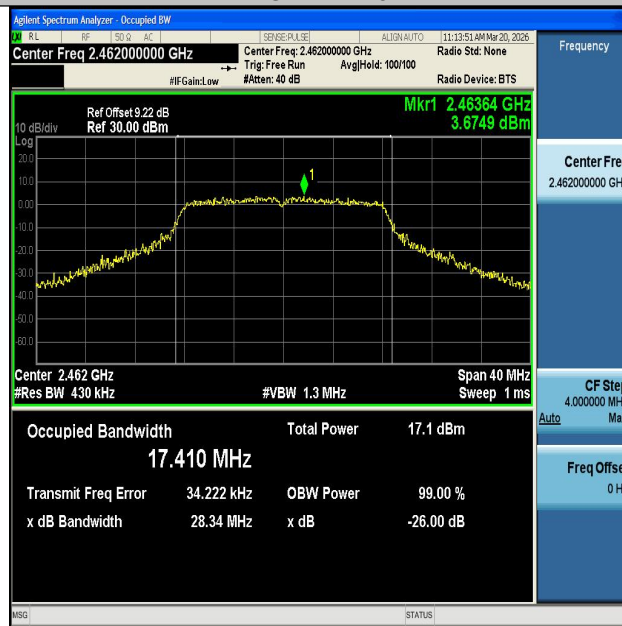
11G-Ant1-2412

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Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/

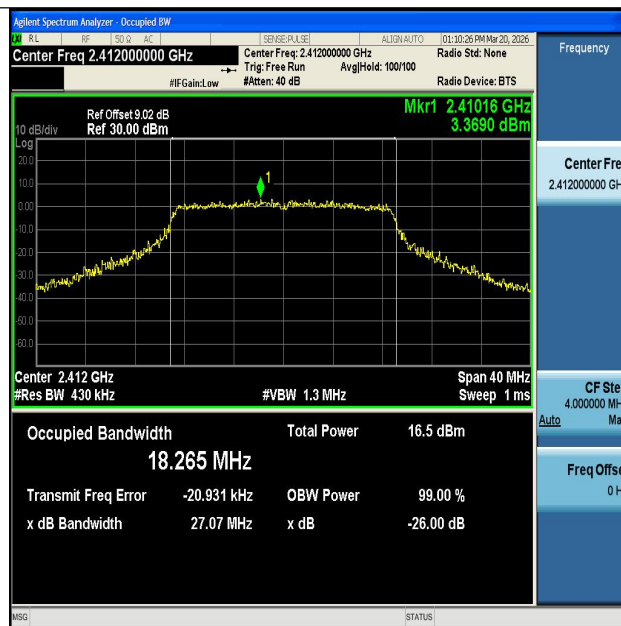


11G-Ant1-2437

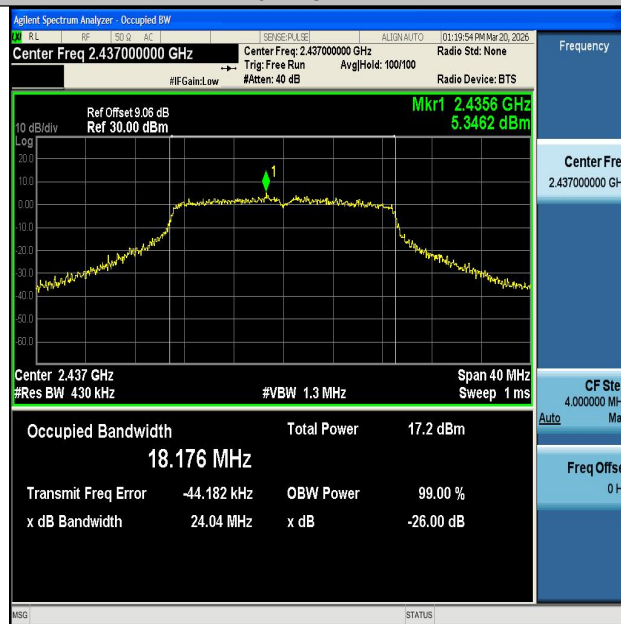


11G-Ant1-2462

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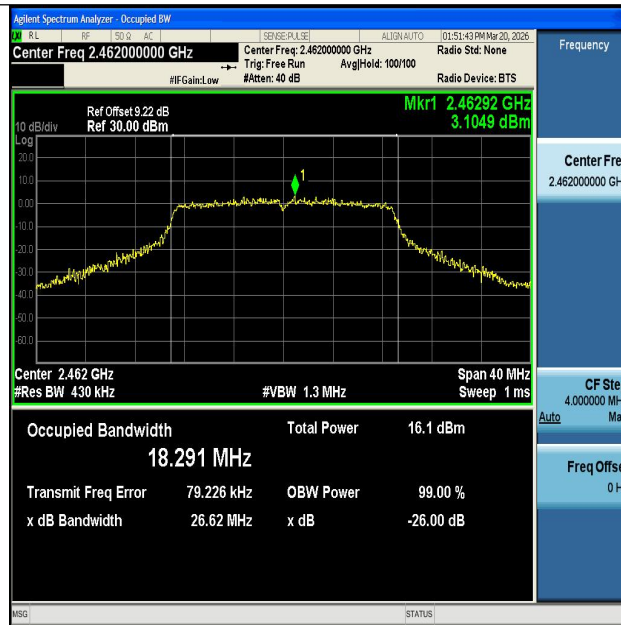


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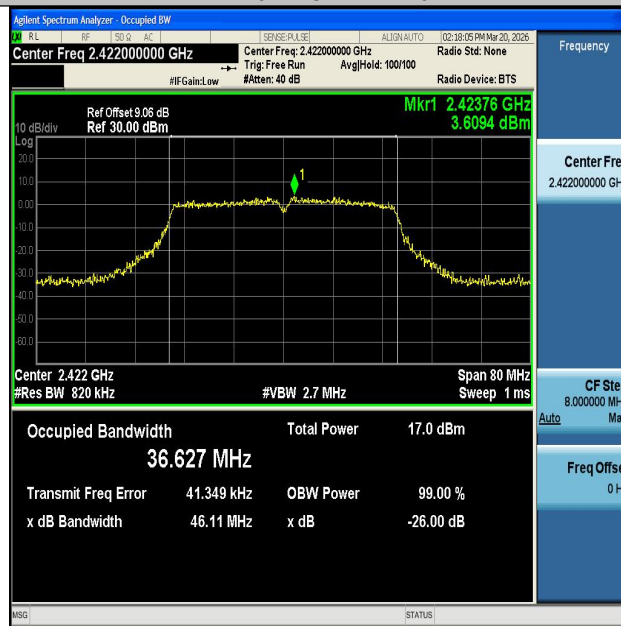


11N20SISO-Ant1-2437

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11N40SISO-Ant1-2422

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