



FCC PART 15.407
ISED RSS-248, ISSUE 3, October 2024

TEST REPORT

For

Cisco Systems, Inc.

125 W Tasman Drive,
San Jose, CA 95134, United States

FCC ID: LDKIW9165E
IC: 2461A-IW9165E

Report Type: Original Report	Product Type: WiFi 6E Access Point
Prepared By: Michael Papa RF Test Engineer	
Report Number: R2501283-407	
Report Date: 2025-04-16	
Reviewed By: Christian McCaig RF Lead Engineer	
Bay Area Compliance Laboratories Corp. 1274 Anvilwood Avenue, Sunnyvale, CA 94089, USA Tel: (408) 732-9162 Fax: (408) 732-9164	



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* This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk “*” (Rev.2)

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	R2501283-407	Original Report	2025-04-16

1 General Description

1.1 Product Description for Equipment Under Test (EUT)

This test report is prepared on behalf of *Cisco Systems, Inc.*, and their product model: IW9165E, FCC ID: LDKIW9165E, IC: 2461A-IW9165E, the “EUT” as referred to in this report. The EUT is BLE, 4.9 GHz, 5G Wi-Fi dual band, 6E Wi-Fi, and GNSS Access Point.

1.2 Mechanical Description of EUT

The UUT measures approximately 150 mm (L) x 110 mm (W) x 40 mm (H) and weighs approximately 0.8 kg.

The data gathered was from a production sample provided by Cisco Systems, Inc. with S/N: FOC2638BL35

1.3 Objective

This report is prepared on behalf of *Cisco Systems, Inc.* in accordance with FCC CFR47 §15.407 and ISEDC RSS-248 Issue 3, October 2024.

The objective is to determine compliance with FCC Part 15.407 and ISEDC RSS-248 for Contention Based Protocol.

In order to determine compliance, the manufacturer or a contracted laboratory makes measurements and takes the necessary steps to ensure that the equipment complies with the appropriate technical standards.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product maybe which result in lowering the immunity should be checked to ensure compliance has been maintained (i.e., printed circuit board layout changes, different line filter, different power supply, harnessing and/or I/O cable changes, etc.).

1.4 Related Submittal(s)/Grant(s)

N/A

1.5 Test Methodology

All measurements contained in this report were conducted in accordance with ANSI C63.10-2013, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz, FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01 and FCC KDB 789033 D02 General UNII Test Procedure New Rules v02r01.

1.6 Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in the field of EMC. The factors contributing to uncertainties are spectrum analyzer, cable loss, antenna factor calibration, antenna directivity, antenna factor variation with height, antenna phase center variation, antenna factor frequency interpolation, measurement distance variation, site imperfections, mismatch (average), and system repeatability.

Parameter	Measurement uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.57 dB
Power Spectral Density, conducted	±1.48dB
Unwanted Emissions, conducted	±1.57dB
All emissions, radiated	±4.0 dB
AC power line Conducted Emission	±2.0 dB
Temperature	±2 ° C
Humidity	±5 %
DC and low frequency voltages	±1.0 %
Time	±2 %
Duty Cycle	±3 %

1.7 Test Facility Registrations

BACLs test facilities that are used to perform Radiated and Conducted Emissions tests are currently recognized by the Federal Communications Commission as Accredited with NIST Designation Number US1129.

BACL's test facilities that are used to perform Radiated and Conducted Emissions tests are currently registered with Industry Canada under Registration Numbers: 3062A.

BACL is a Chinese Taipei Bureau of Standards Metrology and Inspection (BSMI) validated Conformity Assessment Body (CAB), under Appendix B, Phase I Procedures of the APEC Mutual Recognition Arrangement (MRA). BACL's BSMI Lab Code Number is: SL2-IN-E-1002R

BACL's test facilities that are used to perform AC Line Conducted Emissions, Telecommunications Line Conducted Emissions, Radiated Emissions from 30 MHz to 1 GHz, and Radiated Emissions from 1 GHz to 6 GHz are currently recognized as Accredited in accordance with the Voluntary Control Council for Interference [VCCI] Article 15 procedures under Registration Number A-428.

1.8 Test Facility Accreditations

Bay Area Compliance Laboratories Corp. (BACL) is:

A- An independent, 3rd-Party, Commercial Test Laboratory accredited to ISO/IEC 17025:2017 by A2LA (Test Laboratory Accreditation Certificate Number 3297.02), in the fields of: Electromagnetic Compatibility and Telecommunications. Unless noted by an Asterisk (*) in the Compliance Matrix (See Section 3 of this Test Report), BACL's ISO/IEC 17025:2005 Scope of Accreditation includes all of the Test Method Standards and/or the Product Family Standards detailed in this Test Report.

BACL's ISO/IEC 17025:2005 Scope of Accreditation includes a comprehensive suite of EMC Emissions, EMC Immunity, Radio, RF Exposure, Safety and wireline Telecommunications test methods applicable to a wide range of product categories. These product categories include Central Office Telecommunications Equipment [including NEBS - Network Equipment Building Systems], Unlicensed and Licensed Wireless and RF devices, Information Technology Equipment (ITE); Telecommunications Terminal Equipment (TTE); Medical Electrical Equipment; Industrial, Scientific and Medical Test Equipment; Professional Audio and Video Equipment; Industrial and Scientific Instruments and Laboratory Apparatus; Cable Distribution Systems, and Energy Efficient Lighting.

B- A Product Certification Body accredited to ISO/IEC 17065:2012 by A2LA (Product Certification Body Accreditation Certificate Number 3297.03) to certify

- For the USA (Federal Communications Commission):
 - 1- All Unlicensed radio frequency devices within FCC Scopes A1, A2, A3, and A4;
 - 2- All Licensed radio frequency devices within FCC Scopes B1, B2, B3, and B4;
 - 3- All Telephone Terminal Equipment within FCC Scope C.
- For the Canada (Industry Canada):
 - 1 All Scope 1-Licence-Exempt Radio Frequency Devices;
 - 2 All Scope 2-Licensed Personal Mobile Radio Services;
 - 3 All Scope 3-Licensed General Mobile & Fixed Radio Services;
 - 4 All Scope 4-Licensed Maritime & Aviation Radio Services;
 - 5 All Scope 5-Licensed Fixed Microwave Radio Services
 - 6 All Broadcasting Technical Standards (BETS) in the Category I Equipment Standards List.
- For Singapore (Info-Communications Development Authority (IDA)):
 - 1 All Line Terminal Equipment: All Technical Specifications for Line Terminal Equipment – Table 1 of IDA MRA Recognition Scheme: 2011, Annex 2
 - 2. All Radio-Communication Equipment: All Technical Specifications for Radio-Communication Equipment – Table 2 of IDA MRA Recognition Scheme: 2011, Annex 2
- For the Hong Kong Special Administrative Region:
 - 1 All Radio Equipment, per KHCA 10XX-series Specifications;
 - 2 All GMDSS Marine Radio Equipment, per HKCA 12XX-series Specifications;
 - 3 All Fixed Network Equipment, per HKCA 20XX-series Specifications.
- For Japan:
 - 1 MIC Telecommunication Business Law (Terminal Equipment):
 - All Scope A1 - Terminal Equipment for the Purpose of Calls;
 - All Scope A2 - Other Terminal Equipment
 - 2 Radio Law (Radio Equipment):
 - All Scope B1 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 1 of the Radio Law
 - All Scope B2 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 2 of the Radio Law
 - All Scope B3 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 3 of the Radio Law

C- A Product Certification Body accredited to ISO/IEC 17065:2012 by A2LA (Product Certification Body Accreditation Certificate Number 3297.01) to certify Products to USA's Environmental Protection Agency (EPA) ENERGY STAR Product Specifications for:

- 1 Electronics and Office Equipment:
 - for Telephony (ver. 3.0)
 - for Audio/Video (ver. 3.0)
 - for Battery Charging Systems (ver. 1.1)
 - for Set-top Boxes & Cable Boxes (ver. 4.1)
 - for Televisions (ver. 6.1)
 - for Computers (ver. 6.0)
 - for Displays (ver. 6.0)
 - for Imaging Equipment (ver. 2.0)
 - for Computer Servers (ver. 2.0)
- 2 Commercial Food Service Equipment
 - for Commercial Dishwashers (ver. 2.0)
 - for Commercial Ice Machines (ver. 2.0)
 - for Commercial Ovens (ver. 2.1)
 - for Commercial Refrigerators and Freezers
- 3 Lighting Products
 - For Decorative Light Strings (ver. 1.5)
 - For Luminaires (including sub-components) and Lamps (ver. 1.2)
 - For Compact Fluorescent Lamps (CFLs) (ver. 4.3)
 - For Integral LED Lamps (ver. 1.4)
- 4 Heating, Ventilation, and AC Products
 - for Residential Ceiling Fans (ver. 3.0)
 - for Residential Ventilating Fans (ver. 3.2)
- 5 Other
 - For Water Coolers (ver. 3.0)

D- A NIST Designated Phase-I and Phase-II Conformity Assessment Body (CAB) for the following economies and regulatory authorities under the terms of the stated MRAs/Treaties:

- Australia: ACMA (Australian Communication and Media Authority) – APEC Tel MRA -Phase I;
- Canada: (Innovation, Science and Economic development Canada - ISED) Foreign Certification Body – FCB – APEC Tel MRA -Phase I & Phase II;
- Chinese Taipei (Republic of China – Taiwan):
 - o BSMI (Bureau of Standards, Metrology and Inspection) APEC Tel MRA -Phase I;
 - o NCC (National Communications Commission) APEC Tel MRA -Phase I;
- European Union:
 - o EMC Directive 2014/30/EU US-EU EMC & Telecom MRA CAB (NB)
 - o Radio Equipment (RE) Directive 2014/53/EU US-EU EMC & Telecom MRA CAB (NB)
 - o Low Voltage Directive (LVD) 2014/35/EU
- Hong Kong Special Administrative Region: (Office of the Telecommunications Authority – OFTA) APEC Tel MRA -Phase I & Phase II
- Israel – US-Israel MRA Phase I
- Republic of Korea (Ministry of Communications - Radio Research Laboratory) APEC Tel MRA -Phase I
- Singapore: (Infocomm Media Development Authority - IMDA) APEC Tel MRA -Phase I & Phase II;
- Japan: VCCI - Voluntary Control Council for Interference US-Japan Telecom Treaty VCCI Side Letter-
- USA:
 - o ENERGY STAR Recognized Test Laboratory – US EPA
 - o Telecommunications Certification Body (TCB) – US FCC;
 - o Nationally Recognized Test Laboratory (NRTL) – US OSHA

Vietnam: APEC Tel MRA -Phase I;

2 System Test Configuration

2.1 Justification

The EUT was configured for testing according to ANSI C63.10-2013, FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01, and FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

The EUT was tested in a testing mode to represent worst-case results during the final qualification test.

2.2 EUT Exercise Software

The exercising software used during testing was “Tera Term”. The software is compliant with the standard requirements being tested against.

Radio	Mode	Band	Channel	Frequency (MHz)	Power Setting
6 GHz Wi-Fi	802.11ax20	U-NII-5	5	5975	Default
		U-NII-6	97	6435	Default
		U-NII-7	117	6535	Default
		U-NII-8	189	6895	Default
	802.11ax160	U-NII-5	15	6025	Default
		U-NII-6/-7	111	6505	Default
		U-NII-7	143	6665	Default
		U-NII-8	207	6985	Default

Data rates used:
802.11ax: MCS0_HE

2.3 Special Equipment

No special equipment was used during testing.

2.4 Equipment Modification

No modifications were made to the EUT during testing.

2.5 Local Support Equipment

Manufacturer	Description	Model	Serial Number
Dell	Laptop 1	Latitude E6410	-
Dell	Laptop 2	Latitude E7440	-

2.6 Remote Support Equipment

Manufacturer	Description	Model	Serial Number
LiteON	Power Supply	PA-1600-1C	LIN2608004
LiteON	Power Supply	PA-1600-1C	LIN2361203U
Cisco Systems, Inc.	Client Device	IW9165DH	FOC272919D6
Cisco Systems, Inc.	Industrial Ethernet Switch	IE-5000-12S12P-10G	FD01945T0GR

2.7 Interface Ports and Cabling

Cable Description	Length (m)	From	To
USB A to Ethernet	1 m	EUT	Laptop 1
Ethernet	1 m	EUT	Industrial Ethernet Switch
Ethernet	1 m	Industrial Ethernet Switch	Laptop 1
USB A to Ethernet	1 m	Client Device	Laptop 2
Ethernet	1 m	Client Device	Laptop 2
Power Supply	< 1 m	Client Device	Power
Power Supply	< 1 m	EUT	Power

3 Summary of Test Results

FCC & ISED Rules	Description of Test	Results
FCC §15.407(d)(6) RSS-248 §4.7	Contention-based Protocol	Compliant

BACL is responsible for all the information provided in this report, except when information is provided by the customer as identified in this report. Information provided by the customer, e.g., antenna gain, can affect the validity of results.

4 FCC §15.407(d)(6) & ISEDC RSS-248 §4.7 – Contention-based Protocol

4.1 Applicable Standards

According to FCC §15.407(d)(6): All U-NII transmitters, except for standard power access points and fixed client devices, operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

According to ISEDC RSS-248 Section 4.7: Low-power indoor access points, indoor subordinate devices, low-power client devices, very low-power devices, standard client devices, and dual client devices shall employ a contention-based protocol.

According to FCC KDB 987594 D02:

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm)1 . The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

where:

BW_{EUT} : Transmission bandwidth of EUT signal

BW_{Inc} : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

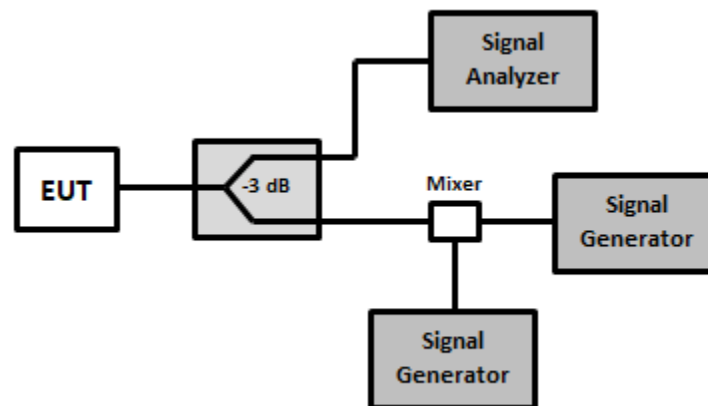
f_{c1} : Center frequency of EUT transmission

f_{c2} : Center frequency of simulated incumbent signal

4.2 Measurement Procedure

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency.
4. Monitoring the signal analyzer, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer and the EUT as shown in Figure 2.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer.
8. Monitor the signal analyzer to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

4.3 Test Setup Block Diagram



4.4 Test Equipment List and Details

BACL No	Manufacturer	Description	Model No.	Serial No.	Calibration Date	Calibration Interval
1128	Agilent	EXA Signal Analyzer	N9010A	MY48030852	2024-05-23	1 year
1130	Keysight	Vector Signal Generator	N5183A	MY50140453	2024-11-07	1 year
688	Keysight	Vector Signal Generator	N5182B	MY51350070	2024-10-30	1 year
-	Mini Circuits	Mixer	ZMX-8GLH	-	Each Time ¹	-
-	Mini Circuits	Combiner	15542	-	Each Time ¹	-
-	-	RF cables	-	-	Each Time ¹	-

Note¹: cables, mixer and combiner included in the test set-up were checked each time before testing.

Statement of Traceability: BACL Corp. attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with the latest version of A2LA policy P102 "A2LA Policy on Metrological Traceability".

4.5 Test Environmental Conditions

Temperature:	24.1 °C
Relative Humidity:	49.1 %
ATM Pressure:	102.2 kPa

The testing was performed by Michael Papa on 2025-02-11 and 2025-03-24 to 2025-03-31 and 2025-04-16 at the RF test site.

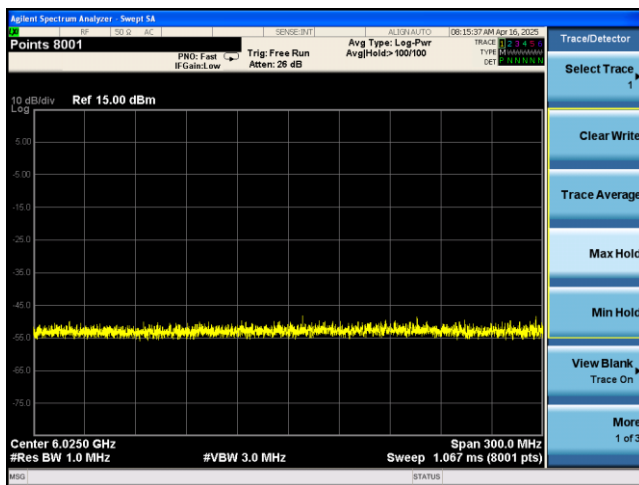
4.6 Test Results

Contention Based Protocol Description of Incumbent Signal Injected

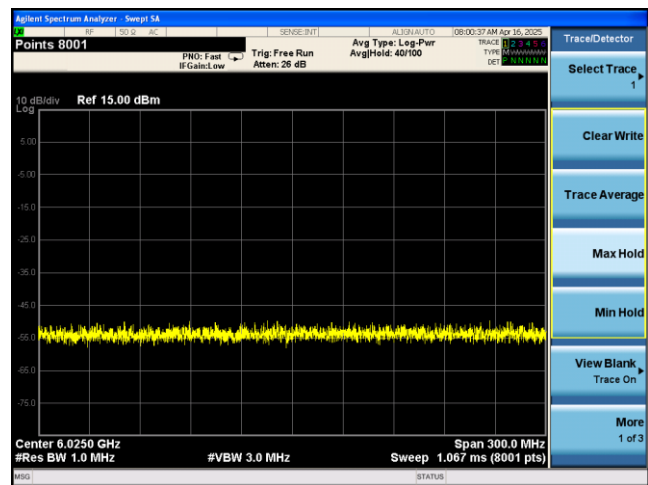
- Description of an incumbent signal injected into a 160MHz channel at 6025MHz
 - A 10 MHz AWGN signal (centered at 5975 MHz) is injected. The channel completely ceases transmission.
 - A 10 MHz AWGN signal (centered at 6025 MHz) is injected. The channel completely ceases transmission.
 - A 10 MHz AWGN signal (centered at 6100 MHz) is injected. The channel completely ceases transmission.

The EUT does not use channel puncturing and does not use bandwidth reduction.

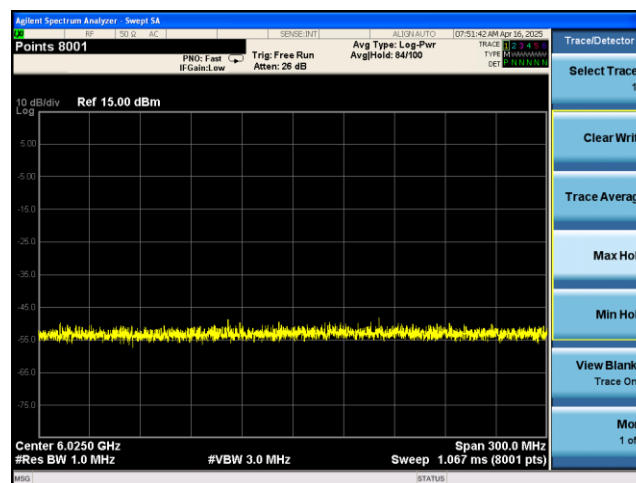
Please refer to the following plots below



5975MHz Incumbent Signal Injected



6025MHz Incumbent Signal Injected



6100MHz Incumbent Signal Injected

Note 1: All testing were done on Port 1

Note 2: Detection Limit in below table accounts for antenna gain.

Note 3: The EUT was evaluated with a minimum antenna gain of 5dBi

Note 3 Antenna gain was provided by the customer

Channel	Freq (MHz)	BW (MHz)	Inc #	Inc_Freq (MHz)	SG Power @ EUT (dBm)	Detection Limit (dBm)	Result
5	5975	20	1	5975	-59.99	≤-57	Pass
97	6435		1	6435	-60.46	≤-57	Pass
117	6535		1	6535	-58.77	≤-57	Pass
189	6895		1	6895	-57.18	≤-57	Pass
15	6025	160	1	5950	-57.39	≤-57	Pass
			2	6025	-57.49	≤-57	Pass
			3	6100	-65.63	≤-57	Pass
111	6505		1	6430	-61.83	≤-57	Pass
			2	6505	-57.6	≤-57	Pass
			3	6580	-60.72	≤-57	Pass
143	6665		1	6590	-60.56	≤-57	Pass
			2	6665	-57.14	≤-57	Pass
			3	6740	-57.12	≤-57	Pass
207	6985		1	6910	-59.51	≤-57	Pass
			2	6985	-58.01	≤-57	Pass
			3	7060	-64.11	≤-57	Pass

Channel	Freq (MHz)	BW (MHz)	Inc #	Detected Number	Percentage Detected (%)	Limit (%)	Result
5	5975	20	1	10	100	90	Pass
97	6435		1	10	100	90	Pass
117	6535		1	9	90	90	Pass
189	6895		1	10	100	90	Pass
15	6025	160	1	10	100	90	Pass
			2	10	100	90	Pass
			3	10	100	90	Pass
111	6505		1	9	90	90	Pass
			2	10	100	90	Pass
			3	10	100	90	Pass
143	6665		1	10	100	90	Pass
			2	10	100	90	Pass
			3	10	100	90	Pass
207	6985		1	10	100	90	Pass
			2	10	100	90	Pass
			3	10	100	90	Pass

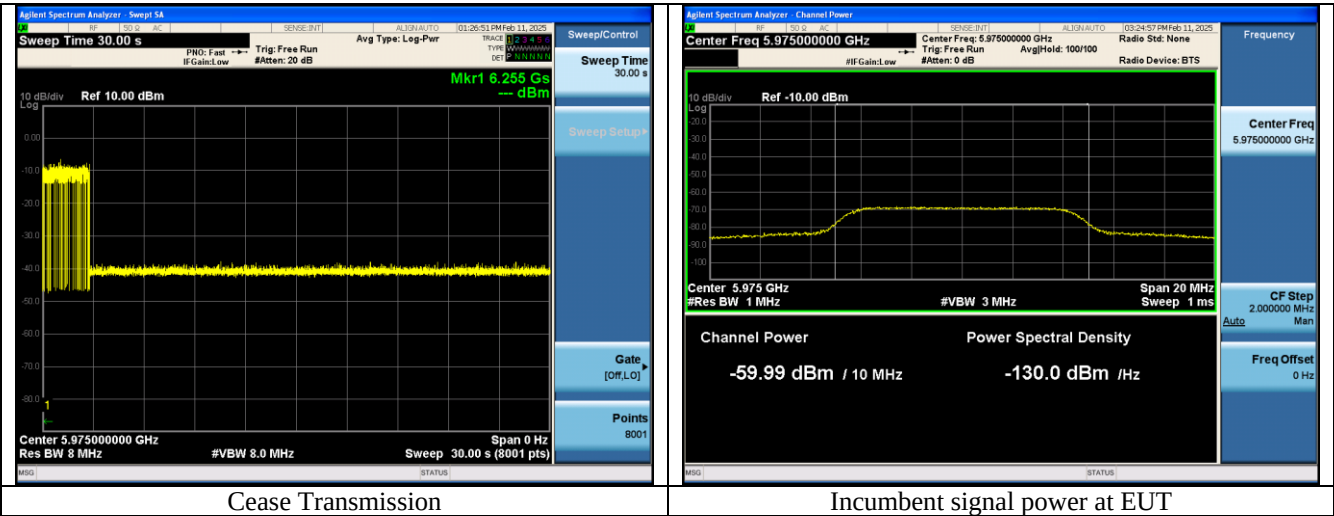
Please refer to the plots in Annex A for detailed Contention-based Protocol test results.

Channel	Freq (MHz)	BW (MHz)	Inc #	Inc_Freq (MHz)	SG Power @ EUT (dBm)	EUT Tx Status
5	5975	20	1	5975	-77	ON
					-69	Minimal
					-64.99	OFF
97	6435		1	6435	-77	ON
					-68	Minimal
					-65.46	OFF
117	6535		1	6535	-77	ON
					-68	Minimal
					-63.77	OFF
189	6895		1	6895	-77	ON
					-68	Minimal
					-62.18	OFF

Channel	Freq (MHz)	BW (MHz)	Inc #	Inc_Freq (MHz)	SG Power @ EUT (dBm)	EUT Tx Status
15	6025	160	1	5950	-81	ON
					-64.31	Minimal
					-62.39	OFF
			2	6025	-81	ON
					-66.28	Minimal
					-62.49	OFF
			3	6100	-81	ON
					-77.31	Minimal
					-70.63	OFF
111	6505		1	6430	-81	ON
					-77.33	Minimal
					-66.83	OFF
			2	6505	-81	ON
					-63.71	Minimal
					-62.6	OFF
			3	6580	-81	ON
					-78.79	Minimal
					-65.72	OFF
143	6665		1	6590	-81	ON
					-78.6	Minimal
					-65.56	OFF
			2	6665	-81	ON
					-72.93	Minimal
					-62.14	OFF
			3	6740	-81	ON
					-63.57	Minimal
					-62.12	OFF
207	6985		1	6910	-81	ON
					-77.72	Minimal
					-64.51	OFF
			2	6985	-81	ON
					-64.95	Minimal
					-63.01	OFF
			3	7060	-81	ON
					-72	Minimal
					-69.11	OFF

5 Annex A – Contention-based Protocol

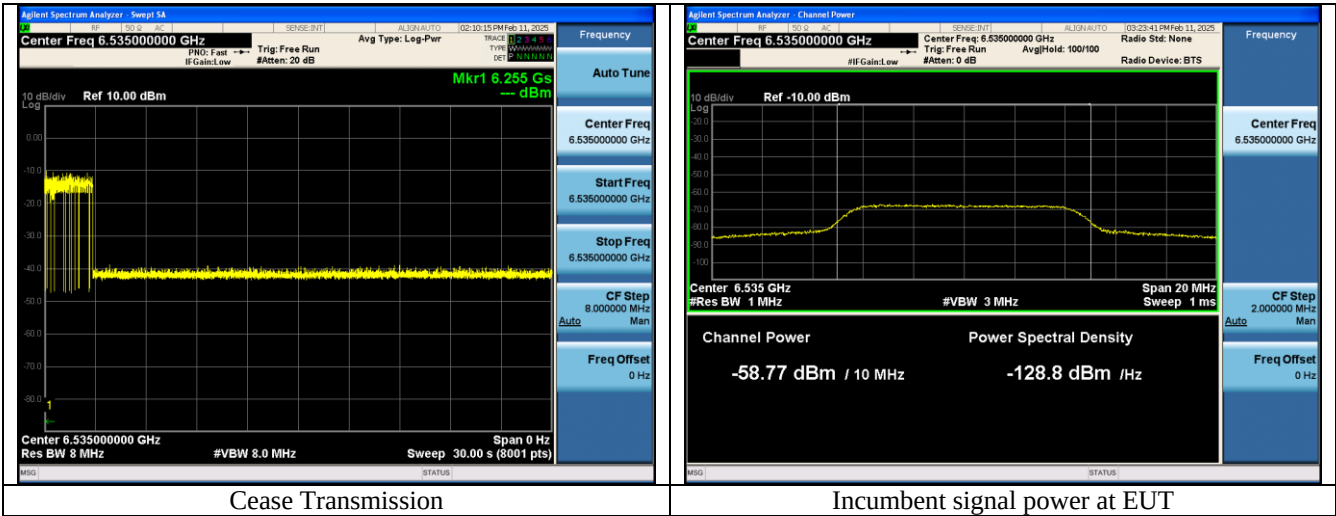
5975MHz, 20MHz BW



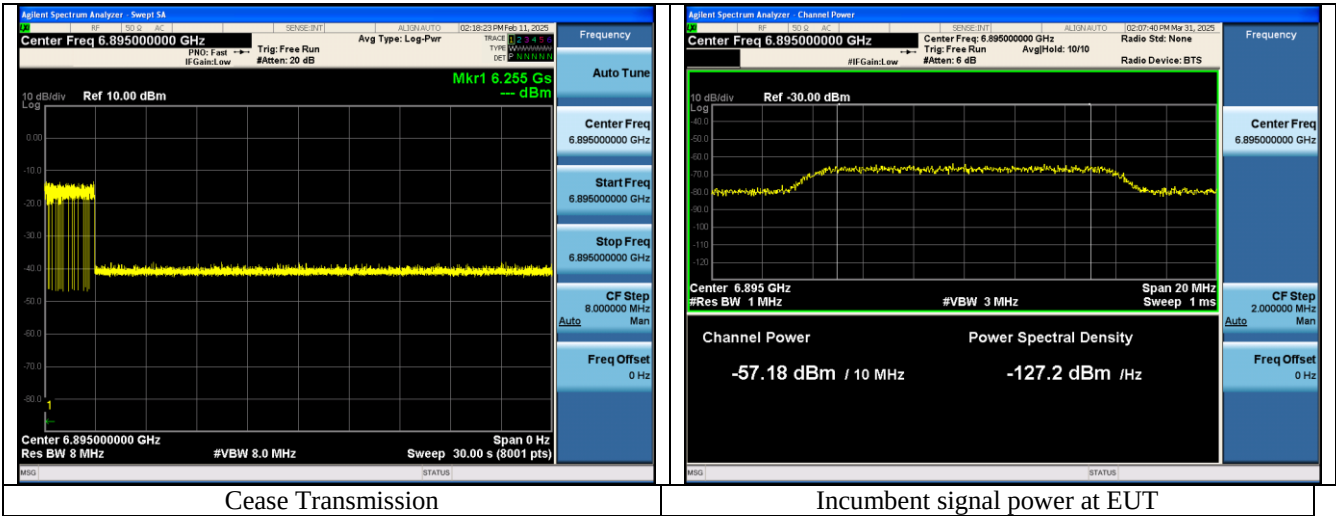
6435MHz, 20MHz BW



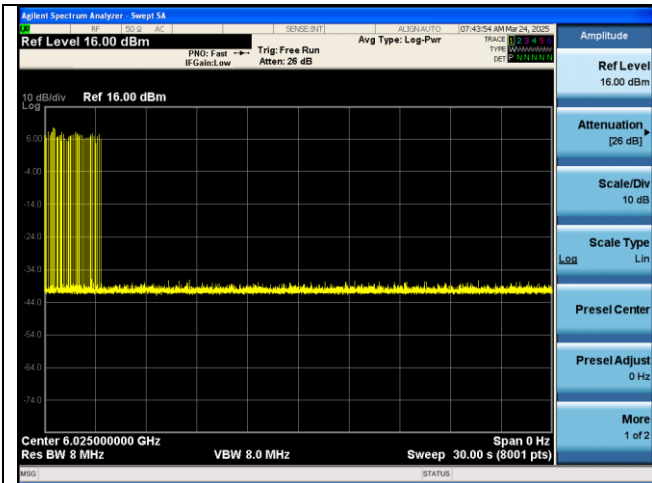
6535MHz, 20MHz BW



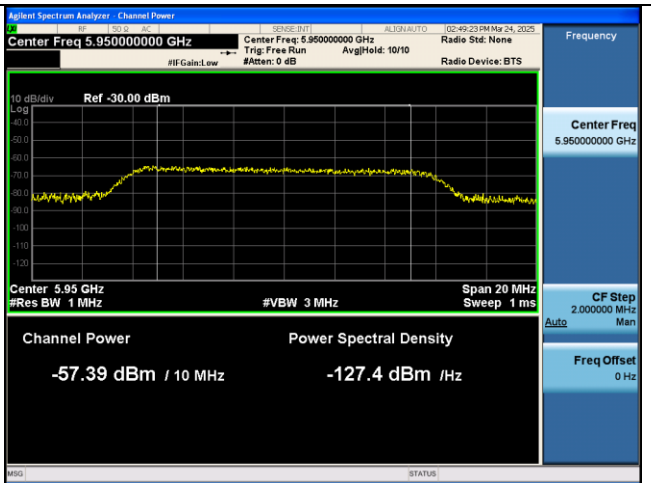
6895MHz, 20MHz BW



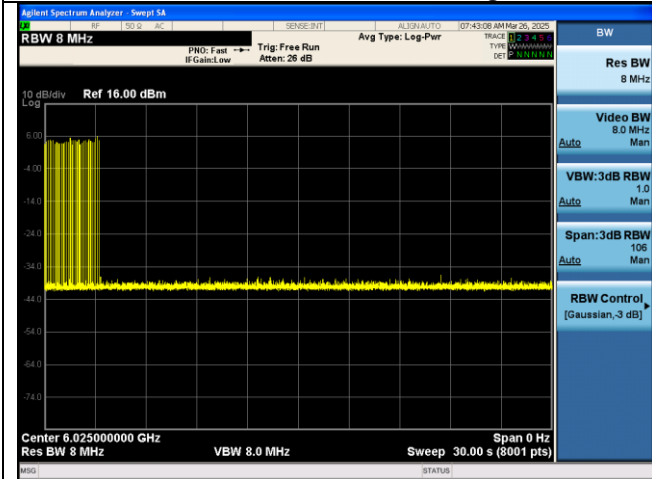
6025MHz, 160MHz BW



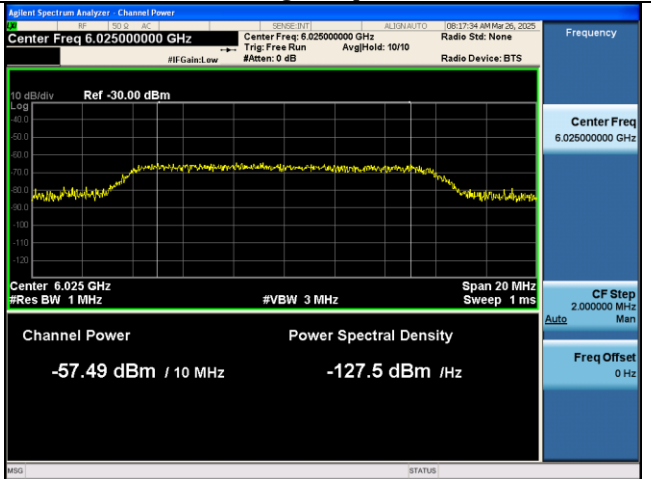
Cease Transmission_Incumbent signal 1



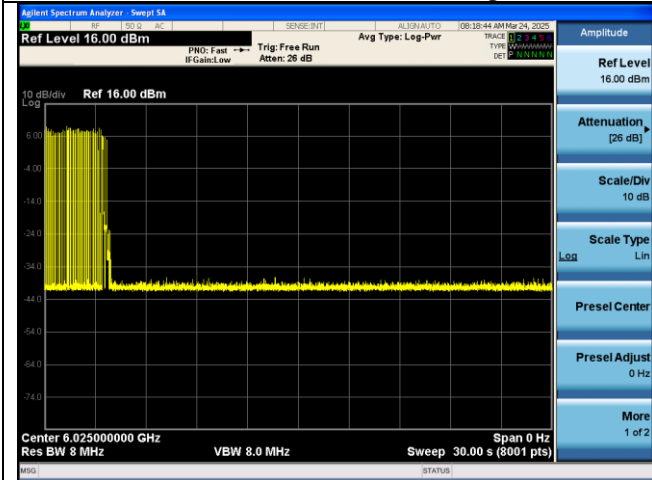
Incumbent signal 1 power at EUT



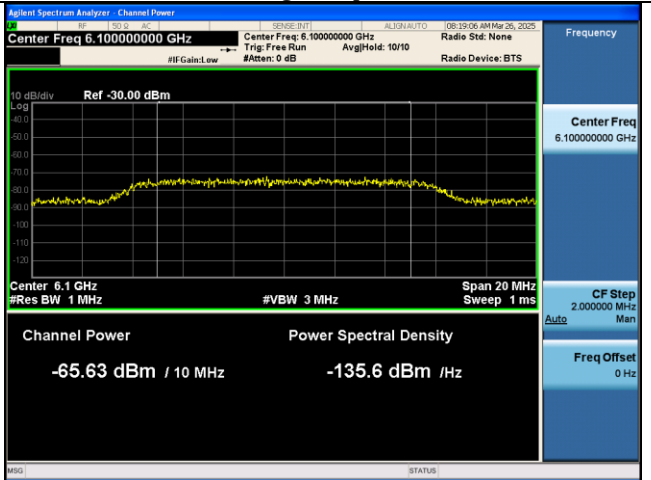
Cease Transmission_Incumbent signal 2



Incumbent signal 2 power at EUT

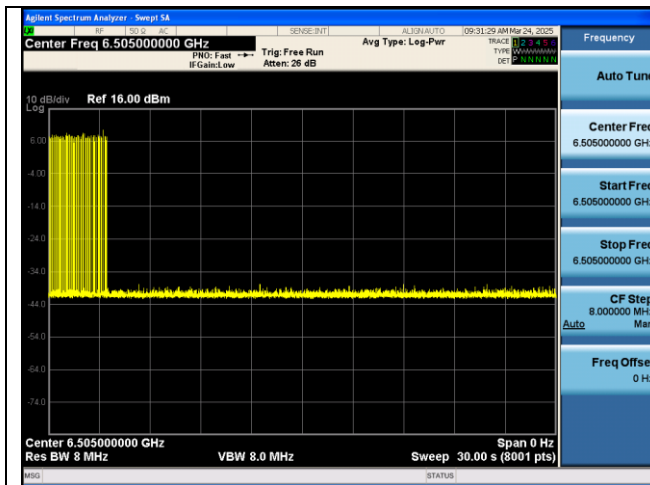


Cease Transmission_Incumbent signal 3

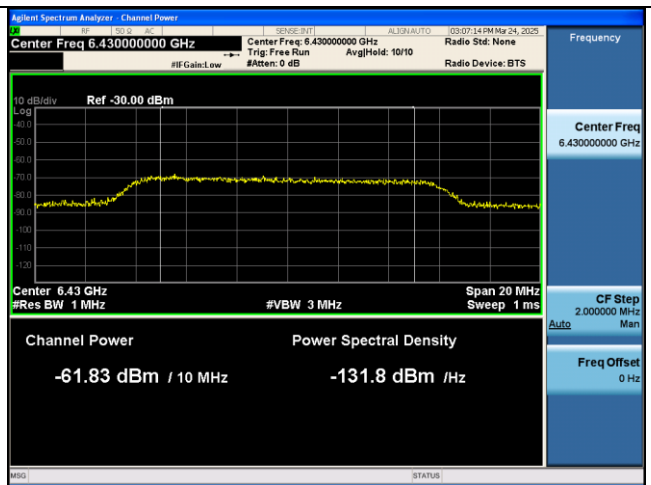


Incumbent signal 3 power at EUT

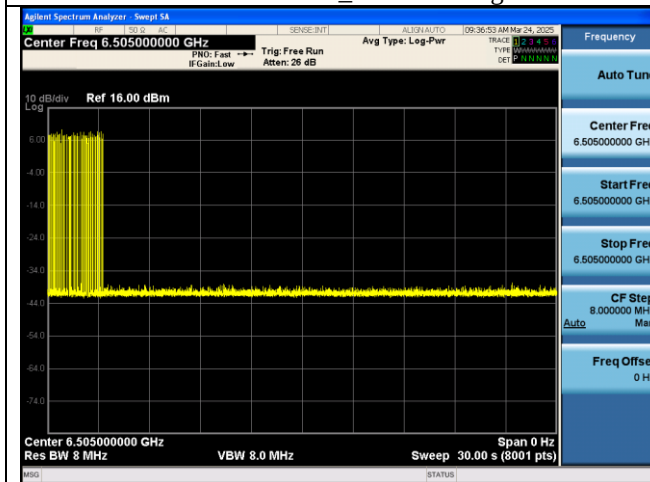
6505MHz, 160MHz BW



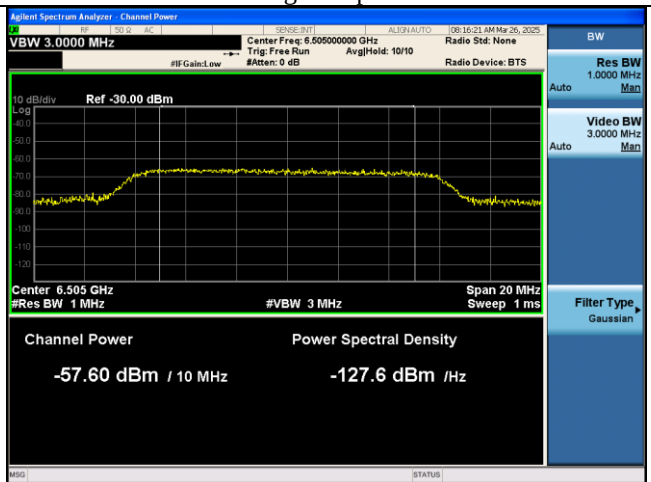
Cease Transmission_Incumbent signal 1



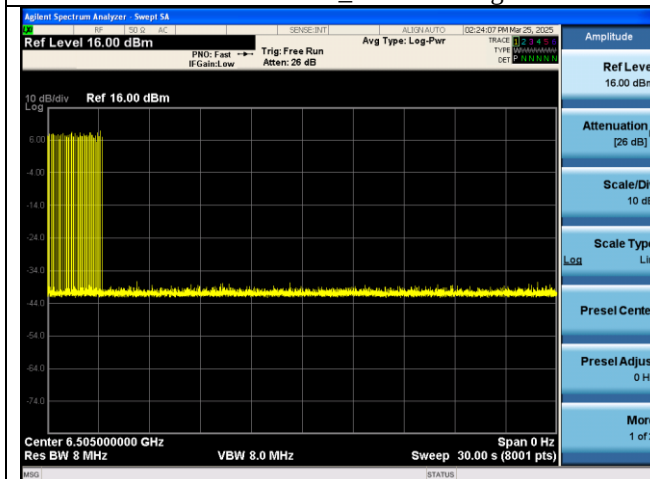
Incumbent signal 1 power at EUT



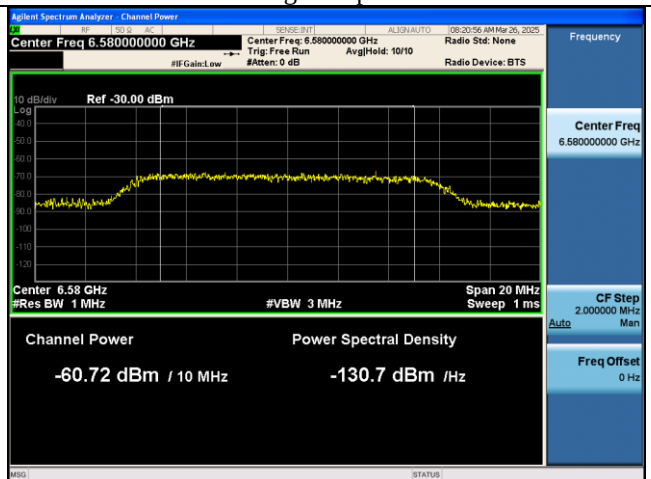
Cease Transmission_Incumbent signal 2



Incumbent signal 2 power at EUT

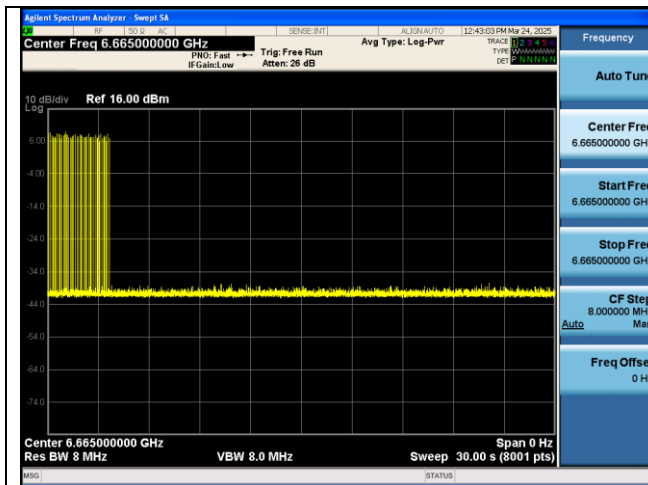


Cease Transmission_Incumbent signal 3

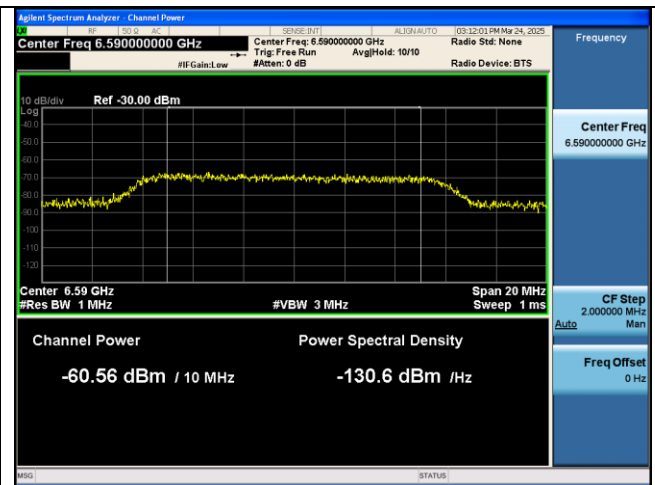


Incumbent signal 3 power at EUT

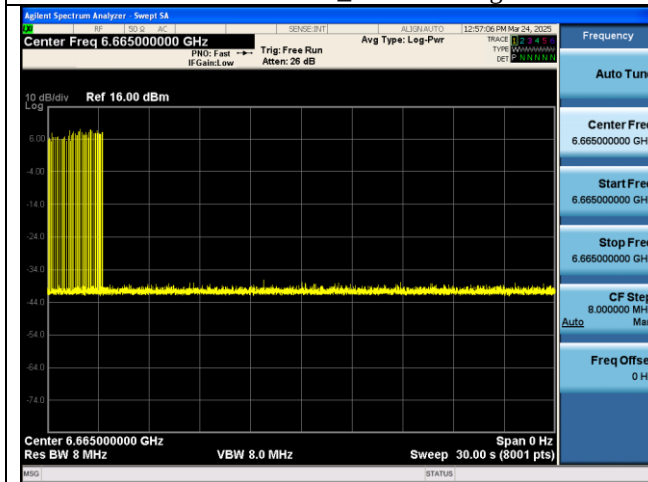
6655MHz, 160MHz BW



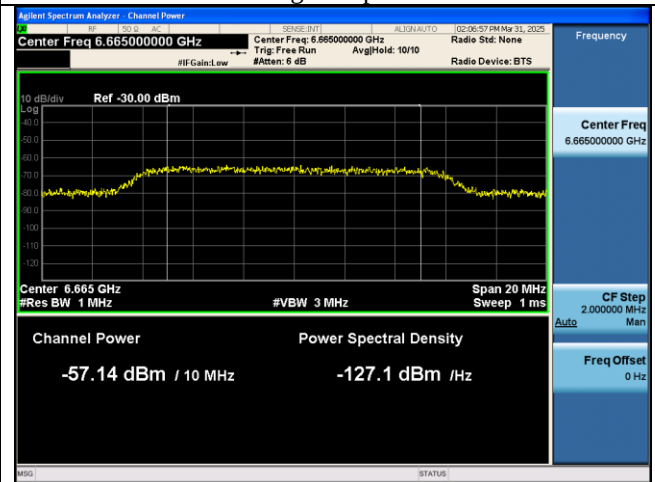
Cease Transmission_Incumbent signal 1



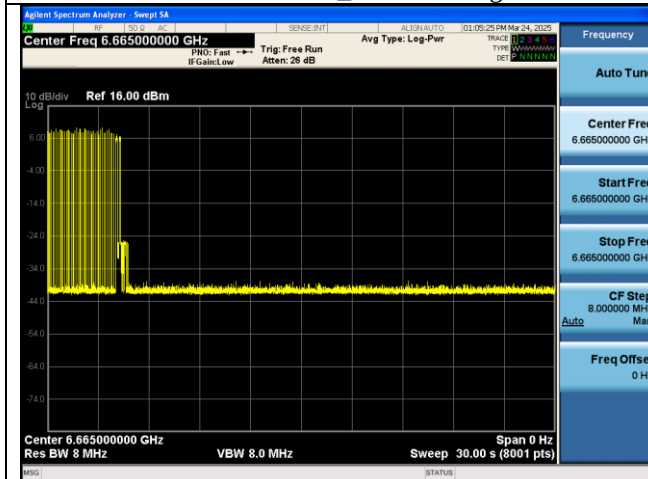
Incumbent signal 1 power at EUT



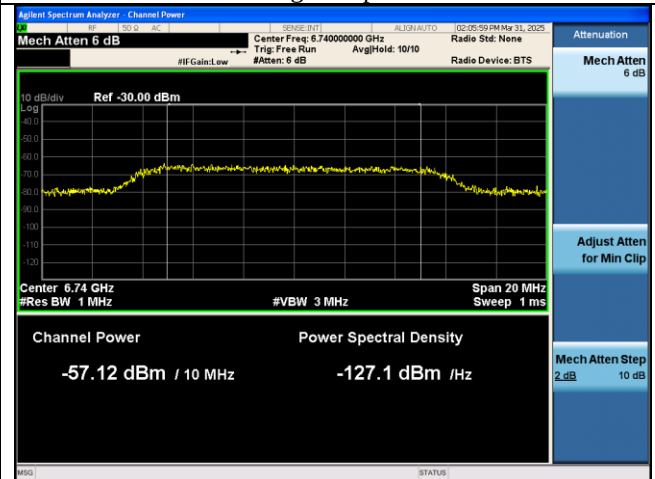
Cease Transmission_Incumbent signal 2



Incumbent signal 2 power at EUT

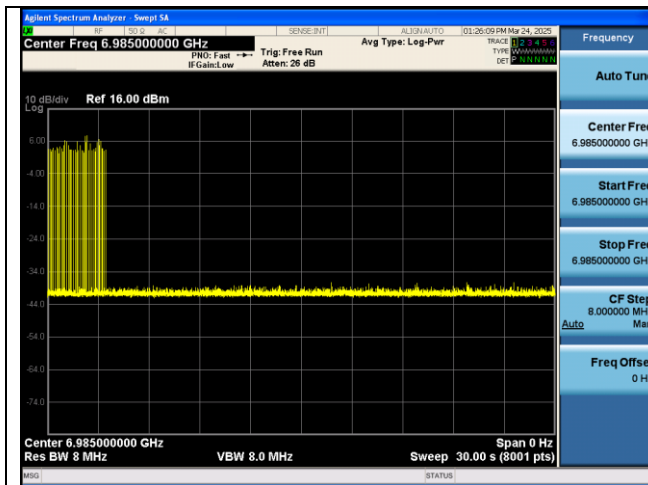


Cease Transmission_Incumbent signal 3

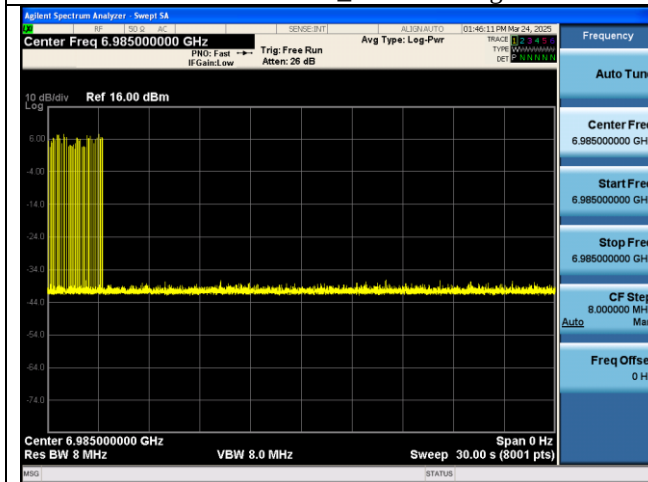


Incumbent signal 3 power at EUT

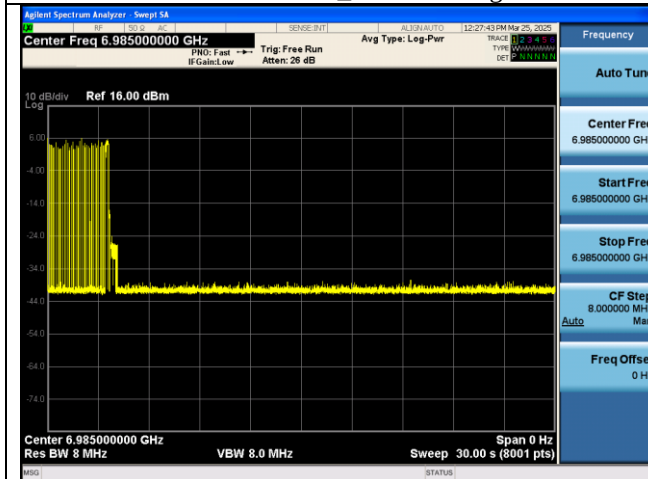
6985MHz, 160MHz BW



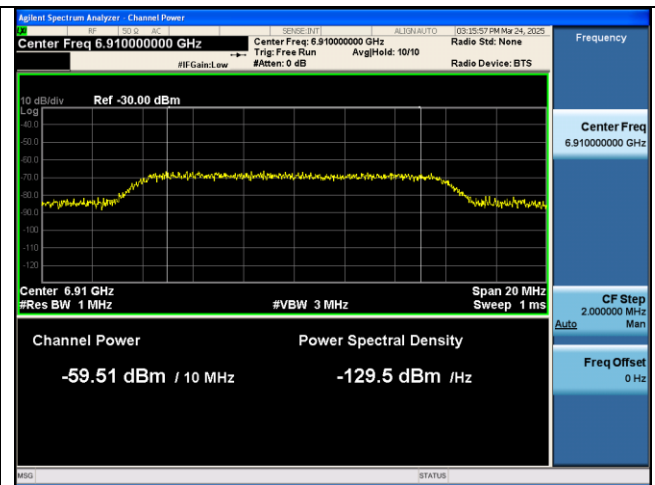
Cease Transmission_Incumbent signal 1



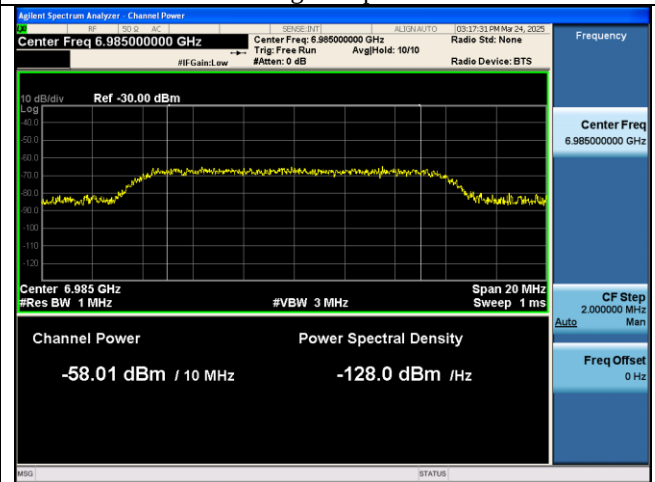
Cease Transmission_Incumbent signal 2



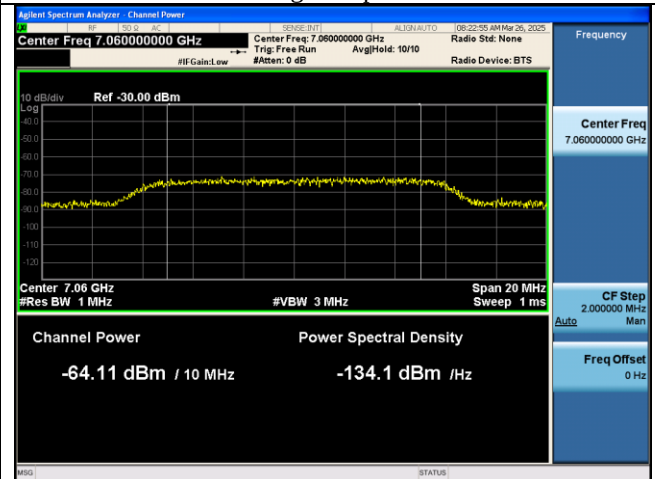
Cease Transmission_Incumbent signal 3



Incumbent signal 1 power at EUT



Incumbent signal 2 power at EUT



Incumbent signal 3 power at EUT

6 Appendix A (Normative) – EUT External Photographs

Please refer to Appendix A.

7 Appendix B (Normative) – EUT Internal Photographs

Please refer to Appendix B.

8 Appendix C (Normative) – A2LA Electrical Testing Certificate



Accredited Laboratory

A2LA has accredited

BAY AREA COMPLIANCE LABORATORIES CORP.

Sunnyvale, CA

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This laboratory also meets A2LA R222 - Specific Requirements EPA ENERGY STAR Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 13th day of September 2024.

A handwritten signature in blue ink, appearing to read 'Trace McInturff'.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3297.02
Valid to September 30, 2026

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

Please follow the web link below for a full ISO 17025 scope

<https://www.a2la.org/scopepdf/3297-02.pdf>

--- END OF REPORT ---