



TEST REPORT

Test Report No. : UL-RPT-RP16171218JD04B

Applicant* : Apple Inc.

Model No. / HVIN* : A3534

FCC ID* : BCGA3534 **IC*** : 579C-A3534

Technology : 5 GHz WLAN (802.11 a/n/ac/ax/be)

Test Standard(s) : FCC Parts 15.35(c), 15.209(a) & 15.407
Innovation, Science and Economic Development Canada
RSS-247 Issue 4 July 2025 & RSS-Gen Issue 5 February 2021

Test Laboratory : UL International (UK) Ltd, Basingstoke, Hampshire, RG24 8AH,
United Kingdom

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2. The results in this report apply only to the sample(s) tested.
3. The sample tested is in compliance with the above standard(s).
4. The test results in this report are traceable to the national or international standards.
5. All information marked with (*) was provided by the Customer, Applicant or Authorised representative
6. Version 2.0 supersedes all previous versions.

Date of Issue: 18 August 2026

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Applicant Information

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Report Revision History

Version Number	Issue Date	Revision Details	Revised By
1.0	23/07/2026	Initial Version	Sarah Williams
2.0	18/08/2026	Address TCB feedback	Sarah Williams

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1 Attestation of Test Results

1.1 Description of EUT

The equipment under test (EUT) was a desktop computer.*

1.2 General Information

Specification Reference:	47CFR15.407
Specification Title:	Code of Federal Regulations Volume 47 (Telecommunication): Part 15 Subpart E (Unlicensed National Information Infrastructure Devices) – Section 15.407
Specification Reference:	47CFR15.209
Specification Title:	Code of Federal Regulations Volume 47 (Telecommunications): Part 15 Subpart C (Intentional Radiators) – Section 15.209
Specification Reference:	RSS-247 Issue 4 July 2025
Specification Title:	Digital Transmission Systems, Frequency Hopping Systems and Licence- Exempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands
Specification Reference:	RSS-Gen Issue 5 February 2021
Specification Title:	General Requirements for Compliance of Radio Apparatus
Site Registration:	FCC: 685609, ISEDC: 20903
FCC Lab. Designation No.:	UK2011
ISEDC CABID:	UK0001
Location of Testing:	Units 3 & 4 Horizon, Wade Road, Kingsland Business Park, Basingstoke, Hampshire, RG24 8AH, United Kingdom
Test Dates:	26 March 2026 to 09 July 2026

1.3 Summary of Test Results

FCC Clause (47CFR)	ISED Clause	Transmitter Measurement	Result
Part 15.35(c)	RSS-Gen 8.2	Duty Cycle	Note 1
N/A	RSS-Gen 6.7	99% Occupied Bandwidth	Note 1
Part 15.403	N/A	26 dB Emission Bandwidth	Complied
Part 15.407(e)	RSS-247 7.3.4.2	Minimum 6 dB Bandwidth (5.725-5.85 GHz band)	Complied
Part 15.407(a)	RSS-247 7.3 / RSS-Gen 6.12	Maximum Conducted Output Power / Maximum EIRP	Complied
Part 15.407(a)	RSS-247 7.3 / RSS-Gen 6.12	Maximum Power Spectral Density / Maximum EIRP Spectral Density	Complied
Part 15.407(b) / 15.209(a)	RSS-247 7.3 / RSS-Gen 6.13	Out of Band Radiated Emissions	Complied
Part 15.407(b) / 15.209(a)	RSS-247 7.3 / RSS-Gen 6.13	Band Edge Radiated Emissions	Complied
Part 15.407(h)(1)	RSS-247 7.3	Transmitter Power Control	Note 2

Note(s):

1. Reporting purposes only.
2. Transmit Power Control was not tested as the maximum EIRP is less than 500 mW (27 dBm).

1.4 Deviations from the Test Specification

For the measurements contained within this test report, there were no deviations from, additions to, or exclusions from the test specification identified above.

2 Summary of Testing

2.1 Facilities and Accreditation

The test site and measurement facilities used to collect data are located at Units 3 & 4 Horizon, Wade Road, Kingsland Business Park, Basingstoke, Hampshire, RG24 8AH, United Kingdom. The following table identifies which facilities were utilised for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

Site 1	-
Site 17	X
Site 32	X
Site 33	X

UL International (UK) Ltd is accredited by the United Kingdom Accreditation Service (UKAS). UKAS is one of the signatories to the International Laboratory Accreditation Co-operation (ILAC) Arrangement for the mutual recognition of test reports. The tests reported herein have been performed in accordance with its terms of accreditation.

2.2 Methods and Procedures

Reference:	ANSI C63.10-2020
Title:	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
Reference:	#ANSI C63.10-2020/Cor1-2023
Title:	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices – Corrigendum 1
Reference:	#ANSI C63.10-2020+C63.10a-2024
Title:	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices – Amendment 1
Reference:	#ANSI C63.10-2020+Errata to C63.10a-2024
Title:	Errata to American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices – Amendment 1

#The use of ANSI C63.10-2020/Cor1-2023 and C63.10a-2024 does not deviate from the testing procedures of ANSI C63.10-2020

2.3 Calibration and Uncertainty

Measuring Instrument Calibration

In accordance with UKAS requirements all the measurement equipment is on a calibration schedule. All equipment was within the calibration period on the date of testing.

Measurement Uncertainty & Decision Rule

Overview

No measurement or test can ever be perfect and the imperfections give rise to error of measurement in the results. Consequently the result of a measurement is only an approximation to the value of the measurand (the specific quantity subject to measurement) and is only complete when accompanied by a statement of the uncertainty of the approximation.

The expression of uncertainty of a measurement result allows realistic comparison of results with reference values and limits given in specifications and standards.

Decision Rule

Measurement system instrumentation shall be used with an accuracy specification meeting the accuracy specification limits according to IEC/IECEE OD-5014.

As applicable, unless specified otherwise in this quotation, the compliance "Decision Rule" is based on Simple Acceptance. If the measured value is on the limit, the result is defined as a pass. For further information regarding risk assessment refer to ILAC G8:09/2019.

Measurement Uncertainty

The reported expanded uncertainties below are based on a standard uncertainty multiplied by an appropriate coverage factor such that a confidence level of approximately 95% is maintained. For the purposes of this document "approximately" is interpreted as meaning "effectively" or "for most practical purposes".

Measurement Type	Range	Confidence Level (%)	Calculated Uncertainty
Duty Cycle	5.15 GHz to 5.850 GHz	95%	±1.14 %
99% Occupied Bandwidth	5.15 GHz to 5.850 GHz	95%	±2.41 %
Minimum 6 dB Bandwidth	5.15 GHz to 5.850 GHz	95%	±3.27 %
26 dB Emission Bandwidth	5.15 GHz to 5.850 GHz	95%	±3.27 %
Maximum Conducted Output Power / EIRP	5.15 GHz to 5.850 GHz	95%	±0.61 dB
Maximum Power Spectral Density	5.15 GHz to 5.850 GHz	95%	±1.25 dB
Radiated Spurious Emissions	30 MHz to 1 GHz	95%	±4.66 dB
Radiated Spurious Emissions	1 GHz to 40 GHz	95%	±5.06 dB

The methods used to calculate the above uncertainties are in line with those recommended within the various measurement specifications. Where measurement specifications do not include guidelines for the evaluation of measurement uncertainty the published guidance of the appropriate accreditation body is followed.

2.4 Sample Calculation

Where relevant, the following calculations were used:

Antenna Port

- The following equation is used to calculate the duty cycle correction factor:

$$10 \log (1 / (\text{On Time} / [\text{Period or } 100 \text{ ms whichever is the lesser}])))$$

Radiated Emissions

- The recorded emission level was calculated from the level indicated by the measuring receiver, adjusted by a transducer factor (TDF in dB), using the formula:

$$\text{TDF (dB)} = C_{\text{Att}} (\text{dB}) + \text{AF (dB/m)} - P_{\text{Gain}} (\text{dB}) + D_{\text{Cor}} (\text{dB})$$

Where:

C_{Att} : conducted path attenuation (cables + attenuators)

AF: antenna factor

P_{Gain} : external preamplifier gain

D_{Cor} : distance correction factor (where applicable)

- The following equation can be used to convert from field strength to EIRP if measured at a distance of 3 metres:

$$\text{EIRP [dBm]} = \text{Field Strength [dB}\mu\text{V/m]} - 95.2$$

- The following equation can be used to calculate the duty cycle in the time domain:

$$10 \log (1 / (\text{On Time} / [\text{Period or } 100 \text{ ms whichever is the lesser}])))$$

Directional Antenna Gain Calculations for CDD MIMO / Output Power Measurements

For 2Tx CDD modes, in accordance with ANSI C63.10 Section 14.6.3.2.6.b) directional antenna gain was calculated using the formula applicable to equal antenna gains. G_{ANT} was set equal to the gain of the antenna having the highest gain. In accordance with ANSI C63.10 Section 14.6.3.2.6.a) and for $N_{\text{ANT}}=2$:

$$\text{Directional gain} = G_{\text{ANT}} + \text{Array Gain} = G_{\text{ANT}} + 0 \text{ dB} = \text{dBi}$$

Directional Antenna Gain Calculations for CDD MIMO / PSD Measurements

For 2Tx CDD MIMO modes, in accordance with ANSI C63.10 Section 14.6.3.2.4a), directional gain was calculated as:

$$\text{Directional gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{\text{ANT}}] = \text{dBi}$$

Sample Calculation (continued)**Directional Antenna Gain Calculations for SDM MIMO / Output Power & PSD Measurements**

For 2Tx SDM MIMO modes, in accordance with ANSI C63.10 Section 14.6.3.2.4b), directional gain was calculated as:

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / N_{\text{ANT}}] = \text{dBi}$$

Directional Antenna Gain Calculations for TxBF / Output Power & PSD Measurements

For 2Tx TxBF modes, in accordance with ANSI C63.10 Section 14.6.3.2.4a), directional gain was calculated as:

$$\text{Directional gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{\text{ANT}}] = \text{dBi}$$

2.5 Test and Measurement Equipment

Test Equipment Used for Conducted Tests

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M2042	Thermohygrometer	Testo	608-H1	45124926	18 Dec 2026	12
M231908	Signal Analyser	Keysight	N9020B	MY63430180	01 Dec 2026	12
A237322	Attenuator	Pasternack	PE7013-10	#13	Calibrated before use	-
A237323	Attenuator	Pasternack	PE7013-10	#14	Calibrated before use	-
M2022	Power Sensor	Boonton	RTP5008	9968	19 Sep 2026	12
M2058	Power Sensor	Boonton	RTP5008	10572	11 Sep 2026	12
A231994	Switching Unit	Mini-Circuits	ZT-400	12211020019	Calibrated before use	-
M241601	Network Analyser	Keysight	P5007B	MY61100200	02 Oct 2026	12

Test Measurement Software/Firmware Used for Conducted Tests

Name	Version	Release Date
Phoenix Core	5.0.17	27 April 2026

Test and Measurement Equipment (continued)**Test Equipment Used for Radiated Emissions Tests**

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M226556	Thermohygrometer	Testo	608-H1	83800306	17 Dec 2026	12
K226203	3m RSE Chamber	Albatross Projects	N/A	N/A	07 Jul 2026	12
M274016	Test Receiver	Rohde & Schwarz	ESW44	103584	17 Dec 2026	12
A231567	Pre-Amplifier	RF-Bay	LNA-1070	2	07 Jul 2026	12
A3161	Antenna	Teseq	CBL6111D	50859	21 Aug 2026	12
A3113	Attenuator	AtlanTecRF	AN18-06	219706#3	21 Aug 2026	12
A227145	Low Pass Filter	Micro-Tronics	LPM21015	001	07 Jul 2026	12
C227002	RF Cable	Huber + Suhner	SF126EA/11 N/11N/6000	520901	07 Jul 2026	12
C226916	RF Cable	Huber + Suhner	SF126EA/11 N/11N/4000	520384	07 Jul 2026	12
C226955	RF Cable	Huber + Suhner	SF126EA/11 N/11N/2000	520363	07 Jul 2026	12
C226942	RF Cable	Huber + Suhner	SF126EA/11 N/11N/800	520358	07 Jul 2026	12
M2003	Thermohygrometer	Testo	608-H1	45046641	18 Dec 2026	12
K0017	3m RSE Chamber	MVG Industries UK	N/A	N/A	05 Jan 2027	12
M2077	Test Receiver	Rohde & Schwarz	ESW44	102026	29 Apr 2027	12
M276829	Test Receiver	Rohde & Schwarz	ESW26	103335	13 Mar 2027	12
A264422	Signal Conditioning Unit	Link Microtek	AMUNIT-SCB-UL1	16816	14 Jul 2026	12
A2889	Antenna	Schwarzbeck	BBHA 9120 B	00653	29 Dec 2026	12
A2890	Antenna	Schwarzbeck	HWRD 750	014	29 Dec 2026	12
A2916	Attenuator	AtlanTecRF	AN18W5-10	832827#2	02 Feb 2027	12
C1910	RF Cable	Huber + Suhner	SF126EA/11 N/11N/9000	511217	27 Dec 2026	12
C1906	RF Cable	Huber + Suhner	SF126EA/11 N/11N/1300	511211	27 Dec 2026	12
C264432	RF Cable	Link Microtek	B10-07-07-0.5M-001	#1	11 Jul 2026	12
M226553	Thermohygrometer	Testo	608-H1	83800731	17 Dec 2026	12
K226202	3m RSE Chamber	Albatross Projects	N/A	N/A	07 Jul 2026	12
M227312	Test Receiver	Rohde & Schwarz	ESW44	103203	10 Dec 2026	12
A230567	Pre-Amplifier	Atlantic Microwave	A-HPAKX-380143-K5K5	VJ3601001	07 Jul 2026	12
A231050	Antenna	Schwarzbeck	BBHA 9170	01280	07 Jul 2026	12
C223506	RF Cable	Schwarzbeck	AK 9540-2.0	00035	07 Jul 2026	12
C223502	RF Cable	Schwarzbeck	AK 9540-0.6	00029	07 Jul 2026	12

Test and Measurement Equipment (continued)**Test Equipment Used for Duty Cycle & Band Edge Radiated Emissions Tests**

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M2003	Thermohygrometer	Testo	608-H1	45046641	18 Dec 2026	12
K0017	3m RSE Chamber	MVG Industries UK	N/A	N/A	05 Jan 2027	12
M2077	Test Receiver	Rohde & Schwarz	ESW44	102026	16 Apr 2026	12
A264422	Signal Conditioning Unit	Link Microtek	AMUNIT-SCB-UL1	16816	14 Jul 2026	12
A2889	Antenna	Schwarzbeck	BBHA 9120 B	00653	29 Dec 2026	12
C1910	RF Cable	Huber + Suhner	SF126EA/11 N/11N/9000	511217	27 Dec 2026	12
C1906	RF Cable	Huber + Suhner	SF126EA/11 N/11N/1300	511211	27 Dec 2026	12
C264432	RF Cable	Link Microtek	B10-07-07-0.5M-001	#1	11 Jul 2026	12
M226553	Thermohygrometer	Testo	608-H1	83800731	17 Dec 2026	12
K226202	3m RSE Chamber	Albatross Projects	N/A	N/A	07 Jul 2026	12
M227312	Test Receiver	Rohde & Schwarz	ESW44	103203	10 Dec 2026	12
A255973	Signal Conditioning Unit	Link Microtek	AMUNIT-SCB-UL1	16814	14 Apr 2027	12
A255976	Signal Conditioning Unit	Link Microtek	AMUNIT-SCB-UL1	16815	07 Jul 2026	12
A231043	Antenna	Schwarzbeck	BBHA 9120 B	00834	07 Jul 2026	12
C267019	RF Cable	Huber + Suhner	SF526EA/11 N/11N/7000	3458770004	07 Jul 2026	12
C226956	RF Cable	Huber + Suhner	SF126EA/11 N/11N/2000	520365	07 Jul 2026	12
C256200	RF Cable	Link Microtek	B10-07-07-0.5M-001	#8	07 Jul 2026	12
M226556	Thermohygrometer	Testo	608-H1	83800306	17 Dec 2026	12
K226203	3m RSE Chamber	Albatross Projects	N/A	N/A	07 Jul 2026	12
M274016	Test Receiver	Rohde & Schwarz	ESW44	103584	17 Dec 2026	12
A266802	Signal Conditioning Unit	Link Microtek	AMUNIT-SCB-UL1	16817	16 Jul 2026	12
A231044	Antenna	Schwarzbeck	BBHA 9120 B	00835	07 Jul 2026	12
C267843	RF Cable	Huber + Suhner	SF526EA/11 N/11N/7000	3458770001	06 Nov 2026	12
C226957	RF Cable	Huber + Suhner	SF126EA/11 N/11N/2000	520366	06 Nov 2026	12
C256193	RF Cable	Link Microtek	B10-07-07-0.5M-001	#7	04 Nov 2026	12

Test and Measurement Equipment (continued)

Test Measurement Software/Firmware Used for Radiated Tests

Name	Version	Release Date
Phoenix Core	5.0.4	18 February 2026
	5.0.9	30 March 2026
Phoenix Radiated	5.1.1	19 February 2026
	5.1.2	19 March 2026

3 Equipment Under Test (EUT)

3.1 Identification of Equipment Under Test (EUT)

Brand Name*:	Apple
Model Name or Number / HVIN*:	A3534
FCC ID*:	BCGA3534
ISED Canada Certification Number*:	579C-A3534

Test Sample Serial Number*:	Hardware Version*:	Software Version*:	Date of Receipt:
Y929QLWGKP (<i>Conducted</i>)	REV 1.0	26A285	23 March 2026
L5Q6J36Y22 (<i>Radiated #1</i>)	REV 1.0	26A285	23 March 2026
TVF36KG42G (<i>Radiated #2</i>)	REV 1.0	26A285	23 March 2026
GMWPG7X7HL (<i>Radiated #3</i>)	REV 1.0	26A285	23 March 2026

3.2 Modifications Incorporated in the EUT

No modifications were applied to the EUT during testing.

3.3 Additional Information Related to Testing

Technology Tested:	WLAN (IEEE 802.11a,n,ac,ax,be) / Digital Transmission System	
Type of Unit:	Transceiver	
Modulation Type:	BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM & 4096QAM	
Power Supply Requirement(s)*:	12 VDC via 120 VAC 60 Hz AC/DC supply	
Maximum Conducted Output Power:	20 MHz	23.43 dBm
	40 MHz	23.46 dBm
	80 MHz	22.88 dBm
	160 MHz	15.59 dBm

Mode*	Data Rates*	CDD*	STBC*	SDM*
802.11a20/40/80/160	6, 9, 12, 18, 24, 36, 48 & 54 Mbps	Yes	No	No
802.11n HT20	MCS0 to MCS7	Yes	Yes	No
802.11n HT20	MCS8 to MCS15	No	No	Yes
802.11n HT40	MCS0 to MCS7	Yes	Yes	No
802.11n HT40	MCS8 to MCS15	No	No	Yes
802.11ac VHT20	MCS0 to MCS8	Yes	Yes	Yes
802.11ac VHT40	MCS0 to MCS9	Yes	Yes	Yes
802.11ac VHT80	MCS0 to MCS9	Yes	Yes	Yes
802.11ac VHT160	MCS0 to MCS9	Yes	Yes	Yes
802.11ax HE20	MCS0 to MCS11 SU242, RU 26/52/106/242	Yes	Yes	Yes
802.11ax HE40	MCS0 to MCS11 SU484, RU 26/52/106/242/484	Yes	Yes	Yes
802.11ax HE80	MCS0 to MCS11 SU996, RU 26/52/106/242/484/996	Yes	Yes	Yes
802.11ax HE160	MCS0 to MCS11 SU996_2, RU 26/52/106/242/484/996/996_2	Yes	Yes	Yes
802.11be EHT20	MCS0 to MCS11 SU242, RU 26/52/106/242 MRU 26+52 / 26+106	Yes	Yes	Yes
802.11be EHT40	MCS0 to MCS11 SU484, RU 26/52/106/242/484 MRU 26+52 / 26+106	Yes	Yes	Yes
802.11be EHT80	MCS0 to MCS11 SU996, RU 26/52/106/242/484/996 MRU 26+52 / 26+106, Puncturing 242+484	Yes	Yes	Yes
802.11be EHT160	MCS0 to MCS11 SU996_2, RU 26/52/106/242/484/996/996_2 MRU 26+52 / 26+106 Puncturing 242+484 / 484+996 / 242+484+996	Yes	Yes	Yes

Additional Information Related to Testing (continued)

Channel Spacing:	20 MHz	
Transmit Frequency Band:	5150 MHz to 5250 MHz (U-NII-1)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	36	5180
	44	5220
	48	5240
Transmit Frequency Band:	5250 MHz to 5350 MHz (U-NII-2A)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	52	5260
	60	5300
	64	5320
Transmit Frequency Band:	5470 MHz to 5725 MHz (U-NII-2C)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	100	5500
	120	5600
	140	5700
Transmit Frequency Band:	Channels that straddle the U-NII-2C and U-NII-3 bands at 5725 MHz	
Transmit Channel Tested:	Channel Number	Channel Frequency (MHz)
	144	5720
Transmit Frequency Band:	5725 MHz to 5850 MHz (U-NII-3)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	149	5745
	157	5785
	165	5825

Additional Information Related to Testing (continued)

Channel Spacing:	40 MHz	
Transmit Frequency Band:	5150 MHz to 5250 MHz (U-NII-1)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	38	5190
	46	5230
Transmit Frequency Band:	5250 MHz to 5350 MHz (U-NII-2A)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	54	5270
	62	5310
Transmit Frequency Band:	5470 MHz to 5725 MHz (U-NII-2C)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	102	5510
	110	5550
	134	5670
Transmit Frequency Band:	Channels that straddle the U-NII-2C and U-NII-3 bands at 5725 MHz	
Transmit Channel Tested:	Channel Number	Channel Frequency (MHz)
	142	5710
Transmit Frequency Band:	5725 MHz to 5850 MHz (U-NII-3)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	151	5755
	159	5795

Additional Information Related to Testing (continued)

Channel Spacing:	80 MHz	
Transmit Frequency Band:	5150 MHz to 5250 MHz (U-NII 1)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	42	5210
Transmit Frequency Band:	5250 MHz to 5350 MHz (U-NII-2A)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	58	5290
Transmit Frequency Band:	5470 MHz to 5725 MHz (U-NII-2C)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	106	5530
	122	5610
Transmit Frequency Band:	Channels that straddle the U-NII-2C and U-NII-3 bands at 5725 MHz	
Transmit Channel Tested:	Channel Number	Channel Frequency (MHz)
	138	5690
Transmit Frequency Band:	5725 MHz to 5850 MHz (U-NII-3)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	155	5775
Channel Spacing:	160 MHz	
Transmit Frequency Band:	5150 MHz to 5350 MHz (U-NII-1 / U-NII-2A)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	50	5250
Transmit Frequency Band:	5470 MHz to 5725 MHz (U-NII-2C)	
Transmit Channels Tested:	Channel Number	Channel Frequency (MHz)
	114	5570

3.4 Description of Available Antennas

The radio utilizes two integrated antennas, with the following maximum gains:

Frequency Band (MHz)	G _{Antenna 1 / Core 0} (dBi)	G _{Antenna 2 / Core 1} (dBi)
5150 to 5250	3.4	4.7
5150 to 5350 (Straddle channels)	4.7	4.7
5250 to 5350	4.7	4.5
5470 to 5725	4.8	3.9
5725 to 5850	4.2	4.5
5470 to 5850 (Straddle channels)	4.8	4.5

Directional Antenna Gain for Correlated Signals (CDD) Measurements:

Frequency Band (MHz)	Directional Antenna Gain for Power Measurements (dBi)	Directional Antenna Gain for PSD Measurements (dBi)
5150 to 5250	4.7	7.1
5150 to 5350 (Straddle channels)	4.7	7.7
5250 to 5350	4.7	7.6
5470 to 5725	4.8	7.4
5725 to 5850	4.5	7.4
5470 to 5850 (Straddle channels)	4.8	7.7

Directional Antenna Gain for Uncorrelated Signals (SDM) / Correlated Signals (TxBF):

Frequency Band (MHz)	Directional Antenna Gain for SDM Measurements (dBi)	Directional Antenna Gain for TxBF Measurements (dBi)
5150 to 5250	4.1	7.1
5150 to 5350 (Straddle channels)	4.7	7.7
5250 to 5350	4.6	7.6
5470 to 5725	4.4	7.4
5725 to 5850	4.4	7.4
5470 to 5850 (Straddle channels)	4.7	7.7

The EUT complies with FCC Part 15.203 requirements by using permanently attached antennas with no option for external connections.

3.5 Description of Test Setup

Support Equipment

The following support equipment was used to exercise the EUT during testing:

Customer Supplied*:

Description	Brand Name	Model Name or Number	Serial Number
USB Diagnostic Cable	Apple	Chimp	4398AC
Test Laptop	Apple	MacBook Pro	LW7R7JYVMV
USB Diagnostic Cable	Apple	Chimp	43931F
Test Laptop	Apple	MacBook Pro	D097W7KM29
USB Diagnostic Cable	Apple	Chimp	439E2D
Test Laptop	Apple	MacBook Pro	CFQL62C43K
USB Diagnostic Cable	Apple	Chimp	902CC8
Test Laptop	Apple	MacBook Pro	K5J73GH9RH

Laboratory Supplied:

Description	Brand Name	Model Name or Number	Serial Number
USB-C Docking Station. Quantity 3.	Lenovo	LDA-KP LDA-KP LDC-G2	D097W7KM29 ZVR03H0D ZKW05W5E
Ethernet Cable. Length 5m.	Not marked or stated	Not marked or stated	Not marked or stated
HDMI Cable. Length 5m.	Not marked or stated	Not marked or stated	Not marked or stated
USB-A Cable. Quantity 4. Length 3m.	Not marked or stated	Not marked or stated	Not marked or stated
USB C-A Adapter. Quantity 4.	Not marked or stated	Not marked or stated	Not marked or stated
Personal Hands Free (PHF)	Not marked or stated	Not marked or stated	Not marked or stated

Operating Modes, Configuration and Peripherals

- Continuously transmitting with a modulated carrier at maximum power on the relevant channels as required using the supported data rates/modulation types.
- For continuous transmit tests the EUT's WLAN radio was controlled directly via a terminal application on the client laptop which has connected to the EUT. The commands used enable continuous transmission mode. The commands also enable selection of test channels, antennas, data rates and modulation schemes as required.
- The customer supplied RF test cable connections to the internal EUT antenna ports in order to perform conducted measurements. The respective path losses were added to the measurements along with the automated test system path losses.
- The EUT was powered from an AC to DC Power Supply. The input was connected to a 120 VAC 60 Hz single phase mains supply.
- US and CA country codes change the power table used for U-NII band 1. Therefore U-NII 1 channels were tested using power settings for each country's respective limits.
- Radiated emissions below 1 GHz were performed with the EUT set to transmit at the channel with the highest output power as worst-case scenario.
- Radiated emissions Pre-scans >1 GHz were performed with the EUT set to transmit at the highest power on Channels 36, 50, 64, 100, 140, 149 & 165.
- Radiated tests were performed with the EUT in its worst-case orientation with respect to emissions.
- All active ports were terminated using the appropriate terminations during radiated emissions testing.
- Band edge and radiated emissions tests were performed with the EUT in its worst case orientation with respect to emissions. Therefore, all final radiated testing was performed with the EUT in this configuration.
- Sections 5.2 & 5.3 only have the worst case configurations of 802.11n / HT20 / MCS2 / MIMO 2Tx CDD / Core 0 + Core 1 and 802.11ax / HE20 RU26.0 / MIMO 2Tx CDD / Core 0 + Core 1 reported. All other modes are archived on the UL IT server and available for inspection if required.

Operating Modes, Configuration and Peripherals (continued)

- Power and PSD tests were performed with the following worst-case configurations for 802.11ax/be modes:
- 20 MHz channels

Test Frequency (MHz)	RU Index								MRU Index				
	26			52			106		52 + 26			106 + 26	
	0	4	8	37	38	40	53	54	38 + 1	38 + 4	39 + 7	53 + 4	54 + 4
5180	x	-	-	x	-	-	x	-	x	-	-	x	-
5220	-	x	-	-	x	-	x	-	-	x	-	x	-
5240	-	-	x	-	-	x	-	x	-	-	x	-	x
5260	x	-	-	x	-	-	x	-	x	-	-	x	-
5300	-	x	-	-	x	-	x	-	-	x	-	x	-
5320	-	-	x	-	-	x	-	x	-	-	x	-	x
5500	x	-	-	x	-	-	x	-	x	-	-	x	-
5600	-	x	-	-	x	-	x	-	-	x	-	x	-
5700	-	-	x	-	-	x	-	x	-	-	x	-	x
5720	-	-	x	-	-	x	-	x	-	-	x	-	x
5745	x	-	-	x	-	-	x	-	x	-	-	x	-
5785	-	x	-	-	x	-	x	-	-	x	-	x	-
5825	-	-	x	-	-	x	-	x	-	-	x	-	x

- 80 MHz channels

Test Frequency (MHz)	MRU Index		
	484 + 242		
	66 + 62	66 + 61	65 + 63
5210	x	-	-
5290	-	-	x
5530	x	-	-
5610	-	x	-
5690	x	-	-
5775	-	-	x

- 160 MHz channels

Test Frequency (MHz)	MRU Index			
	996 + 484		996 + 484 + 242	
	67 (Primary)	67 (Secondary)	67 + 66 + 62 (Primary)	67 + 65 + 63 (Secondary)
5210	x	-	x	-
5290	-	x	-	x

Operating Modes, Configuration and Peripherals (continued)

- Radiated Band Edge measurements were initially performed on the worst-case data rates declared by the customer for all modes. Section 5.4 of the report includes only the worst-case configuration for each bandwidth as shown in the tables below:

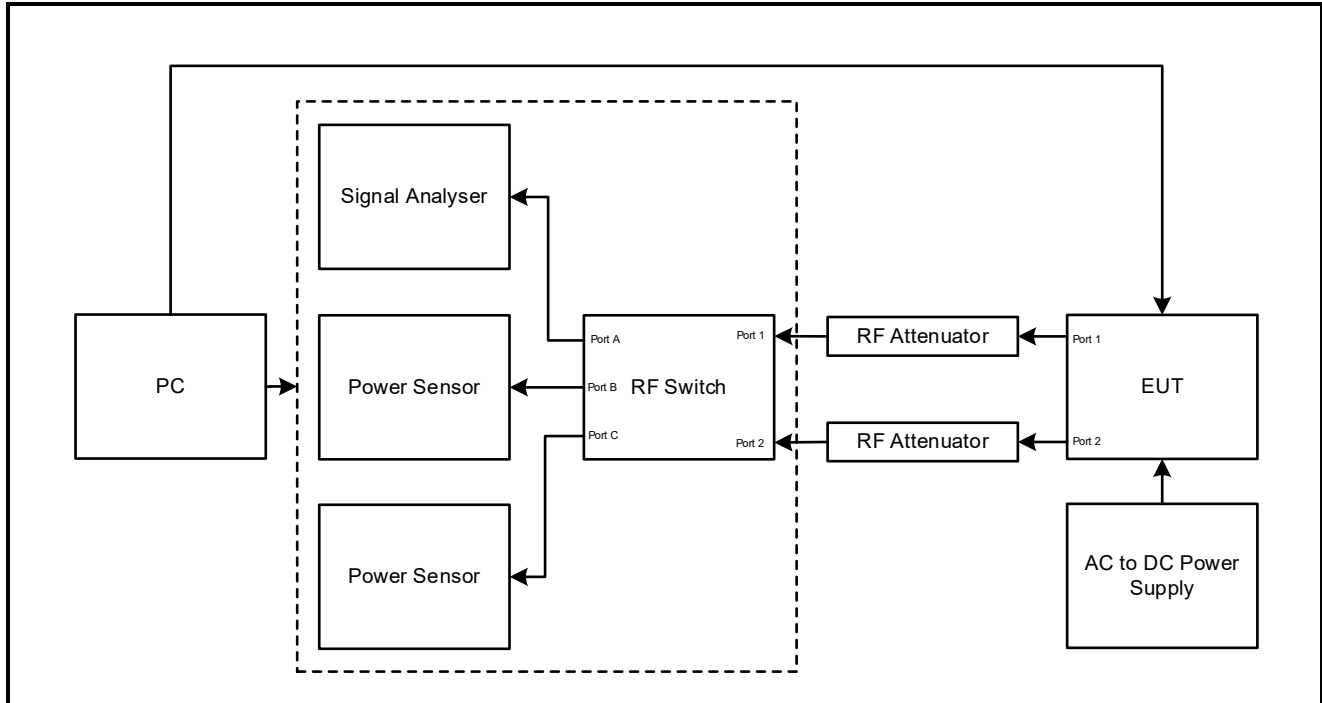
Worst Case Radiated Band Edge (UNII-1 & UNII-2A)							
BW (MHz)	Channel	Tx Mode	Core	Mode	Data Rate	RU_Size	RU_Index
20	36	SISO	0	HE20	MCS2x1	-	-
		2Tx TxBF	0-1	HE20	MCS4x1	SU	N/A
	64	SISO	0	a20	12 Mbps	-	-
		2Tx SDM	0-1	HE20	MCS4x2	SU	N/A
40	38	SISO	0	HT40	MCS2	-	-
		2Tx TxBF	0-1	VHT40	MCS2	-	-
	62	SISO	0	HE40	MCS2x1	SU	N/A
		2Tx CDD	0-1	HT40	MCS4	-	-
80	42	SISO	0	HE80	MCS2x1	SU	N/A
		2Tx CDD	0-1	VHT80	MCS2	-	-
	58	SISO	1	a80	54 Mbps	-	-
		2Tx SDM	0-1	EHT80	MCS9x2	484 + 242	92
160	50 (Lower BE)	SISO	0	HE160	MCS2x1	SU	-
		2Tx CDD	0-1	HE160	MCS2x1	SU	-
	50 (Upper BE)	SISO	0	a160	54 Mbps	-	-
		2Tx CDD	0-1	HE160	MCS2x1	SU	N/A

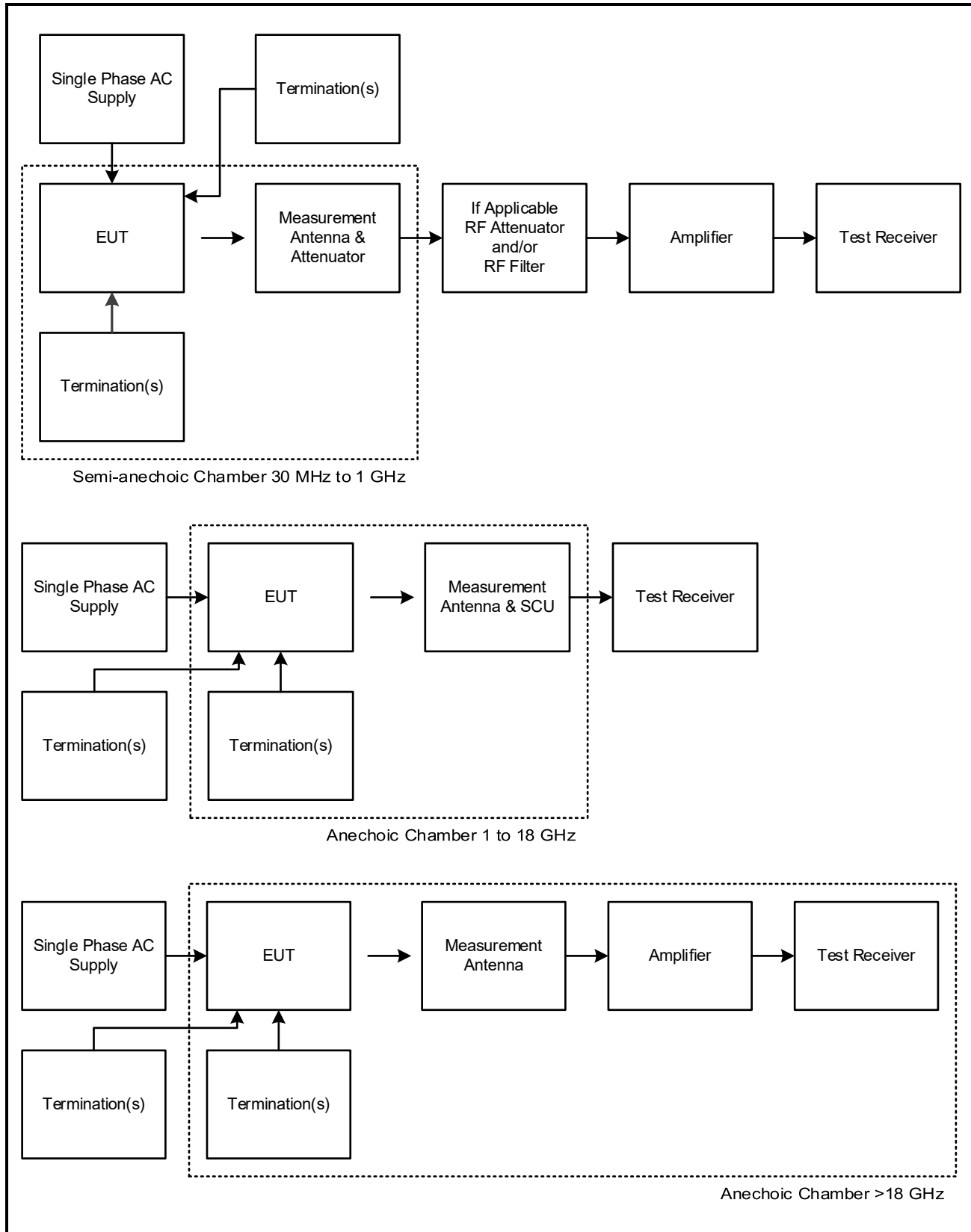
Worst Case Radiated Band Edge (UNII-2C)							
BW (MHz)	Channel	Tx Mode	Core	Mode	Data Rate	RU_Size	RU_Index
20	100	SISO	0	HT20	MCS7	-	-
		2Tx CDD	0-1	HE20	MCS11x1	SU	N/A
	140	SISO	1	HE20	MCS11x1	106	54
		2Tx SDM	0-1	HT20	MCS7x2	-	-
40	102	SISO	0	HE40	MCS2x1	SU	N/A
		2Tx CDD	0-1	HE40	MCS2x1	SU	N/A
	134	SISO	0	a40	12 Mbps	-	-
		2Tx TxBF	0-1	VHT40	MCS9x1	-	-
80	106	SISO	0	VHT80	MCS2x1	-	-
		2Tx CDD	0-1	VHT80	MCS2x1	-	-
	122	SISO	0	a80	12 Mbps	-	-
		2Tx CDD	0-1	a80	12 Mbps	-	-
160	114 (Lower BE)	SISO	0	a160	54 Mbps	-	-
		2Tx CDD	0-1	a160	54 Mbps	-	-
	114 (Upper BE)	SISO	1	EHT160	MCS9x1	996 + 484	94
		2Tx CDD	0-1	EHT160	MCS9x1	996 + 484 + 242	97

Operating Modes, Configuration and Peripherals (continued)

Worst Case Radiated Band Edge (UNII-3)							
BW (MHz)	Channel	Tx Mode	Core	Mode	Data Rate	RU_Size	RU_Index
20	149	SISO	0	HE20	MCS11x1	SU	N/A
		2Tx SDM	0-1	HE20	MCS11x2	SU	N/A
	165	SISO	0	HE20	MCS11x1	SU	N/A
		2Tx SDM	0-1	HE20	MCS11x2	SU	N/A
40	151	SISO	0	a40	12 Mbps	-	-
		2Tx CDD	0-1	a40	12 Mbps	-	-
	159	SISO	1	a40	54 Mbps	-	-
		2Tx CDD	0-1	a40	24 Mbps	-	-
80	155 (Lower BE)	SISO	0	EHT80	MCS9x1	484 + 242	91
		2Tx CDD	0-1	EHT80	MCS9x1	484 + 242	92
	155 (Upper BE)	SISO	0	EHT80	MCS9x1	484 + 242	91
		2Tx CDD	0-1	EHT80	MCS9x1	484 + 242	91

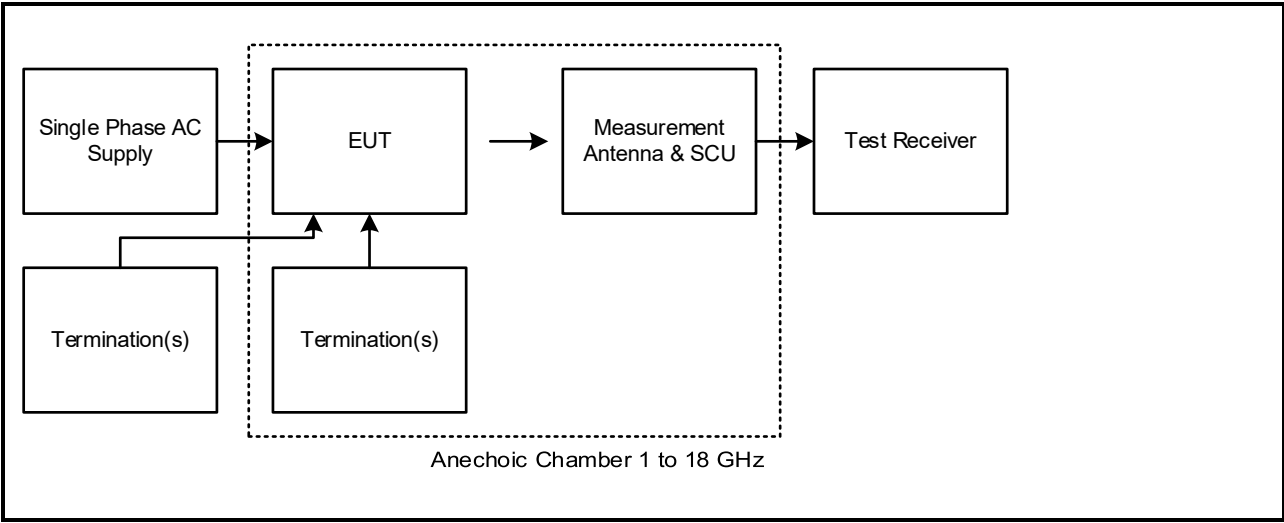
- All channels are tuned to the same margin where the lowest or highest channel frequency is not at the highest fundamental output power setting, therefore, the adjacent channel(s) up to the channel that has the highest fundamental output power setting have also been tested to demonstrate compliance with the appropriate limits. Results for channels not listed above are stored on the UL IT server and available for inspection if required.

Test Setup Diagrams**Conducted Tests:****Test Setup for Conducted Tests**

Test Setup Diagrams (continued)**Radiated Tests:****Test Setup for Out of Band Radiated Emissions**

Test Setup Diagrams (continued)

Test Setup for Duty Cycle & Band Edge Radiated Emissions



4 Antenna Port Test Results

4.1 Duty Cycle

Test Summary:

Test Engineer:	Max Passell	Test Dates:	09 June 2026 to 01 July 2026
Test Sample Serial Number:	Y929QLWGKP		

FCC Clause:	Part 15.35(c)
ISED Canada Clause:	RSS-Gen 8.2
Test Method Used:	ANSI C63.10 Section 12.2

Environmental Conditions:

Temperature (°C):	22 to 26
Relative Humidity (%):	37 to 52

Note(s):

1. In order to assist with the determination of the average level of fundamental and spurious emissions field strength, measurements were made of duty cycle to determine the transmission duration and the silent period time of the transmitter.
2. The duty cycle was measured using a calibrated power sensor. The power sensor used has a sufficiently short response time to accurately capture the ON and OFF periods of the transmitted signal.
3. The duty cycle is identical for both SISO and MIMO/TXBF modes.

Duty Cycle (continued)**Results: SISO**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5260	Burst Tx	< $\pm 2\%$	97.68	1.069	1.044

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5260	Burst Tx	< $\pm 2\%$	99.51	5.105	5.080

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5270	Burst Tx	< $\pm 2\%$	97.68	1.069	1.044

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5270	Burst Tx	< $\pm 2\%$	99.52	5.221	5.196

Duty Cycle (continued)

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5290	Burst Tx	< $\pm 2\%$	97.67	1.069	1.044

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5290	Burst Tx	< $\pm 2\%$	99.54	5.389	5.364

Antenna Configuration:	SISO	Mode:	802.11a160
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5250	Burst Tx	< $\pm 2\%$	97.66	1.069	1.044

Antenna Configuration:	SISO	Mode:	802.11ac VHT160
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5250	Burst Tx	< $\pm 2\%$	99.45	4.549	4.524

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5260	Burst Tx	< $\pm 2\%$	99.52	5.142	5.117

Duty Cycle (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5240	Burst Tx	< $\pm 2\%$	99.29	5.398	5.360

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5260	Burst Tx	< $\pm 2\%$	99.29	5.398	5.360

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5260	Burst Tx	< $\pm 2\%$	99.29	5.398	5.360

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5260	Burst Tx	< $\pm 2\%$	98.15	2.067	2.028

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5260	Burst Tx	< $\pm 2\%$	98.15	2.067	2.028

Duty Cycle (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5270	Burst Tx	< $\pm 2\%$	99.54	5.395	5.370

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5290	Burst Tx	< $\pm 2\%$	99.54	5.399	5.374

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5210	Burst Tx	< $\pm 2\%$	98.14	2.067	2.028

Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5250	Burst Tx	< $\pm 2\%$	99.37	3.947	3.922

Duty Cycle (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5250	Burst Tx	< $\pm 2\%$	98.14	2.067	2.028

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5250	Burst Tx	< $\pm 2\%$	98.14	2.067	2.028

4.2 26 dB & 99% Bandwidth

Test Summary:

Test Engineer:	Max Passell	Test Dates:	09 June 2026 to 09 July 2026
Test Sample Serial Number:	Y929QLWGKP		

FCC Clause:	Part 15.403
ISED Canada Clause:	RSS-Gen 6.7
OBW Test Method Used:	ANSI C63.10 Section 12.5.3 referencing section 6.9.3
EBW Test Method Used:	ANSI C63.10 Section 12.5.2

Environmental Conditions:

Temperature (°C):	21 to 26
Relative Humidity (%):	37 to 53

Note(s):

1. OBW: The transmitter output is connected to a signal analyser. The RBW is set in the range of 1% to 5% of the 99% OBW. The VBW is set to $\geq 3 \times \text{RBW}$. The sweep time is coupled. The 99% emission bandwidth was calculated by the test system using the raw trace data from the signal analyser.
2. 26 dB BW: The transmitter output is connected to a signal analyser. The RBW is set in the range of 1% to 5% of the 26 dB BW. The VBW is set to $\geq \text{RBW}$. A peak detector was used and the trace mode was Max Hold. The bandwidth was measured at 26 dB down from the peak of the signal.
3. Example plots of each modulation on the worst-case channel, for one antenna configuration, can be seen in the UNII-1 section below to show setting parameters comply with testing method/procedure. All other plots are archived on the UL IT server and available for inspection if required.
4. The analyser plot contains both marker sets used for the occupied bandwidth evaluation. Markers 1 & 2 define the 99% Occupied Bandwidth, and markers 3 & 4 define the 26 dB bandwidth. Since the instrument displays only one active marker delta measurement, the value shown on the plot is associated with the 26 dB bandwidth only. The 99% Occupied Bandwidth result is calculated from the raw trace data and subsequently identified between markers 1 & 2 as documented in the test results tables below.
5. For channels that straddle the U-NII-2C and U-NII-3 bands at 5725 MHz, measurements were performed on the portion of the emission that is contained within the U-NII-2C band.

26 dB & 99% Bandwidth (U-NII-1) (continued)

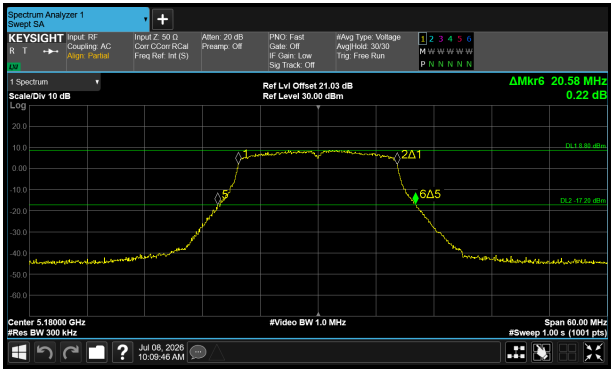
4.2.1 5.15-5.25 GHz band (U-NII-1)

Results: SISO / Core 0

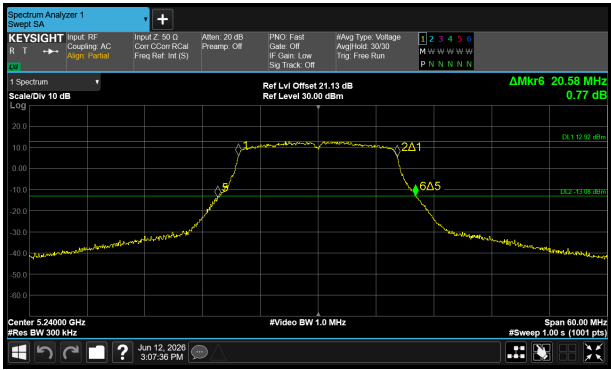
Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	16.500	-	-	-	-
5220	16.440	-	-	-	-
5240	16.500	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.520	-	-	-	-
5220	20.520	-	-	-	-
5240	20.580	-	-	-	-



99%



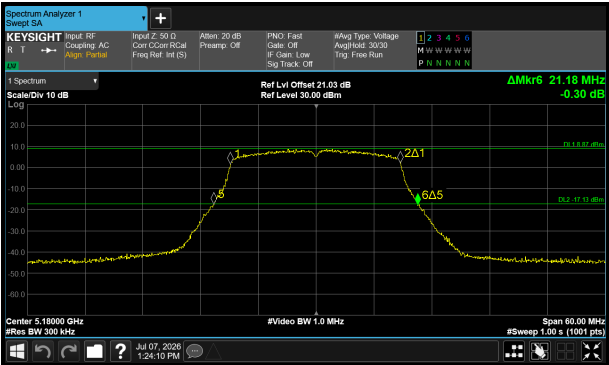
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

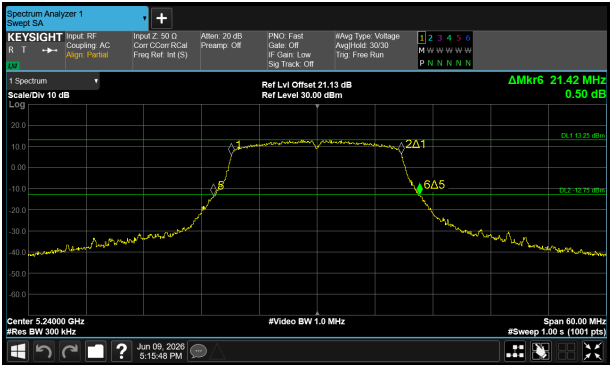
Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.640	-	-	-	-
5220	17.580	-	-	-	-
5240	17.640	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	21.240	-	-	-	-
5220	21.180	-	-	-	-
5240	21.420	-	-	-	-



99%



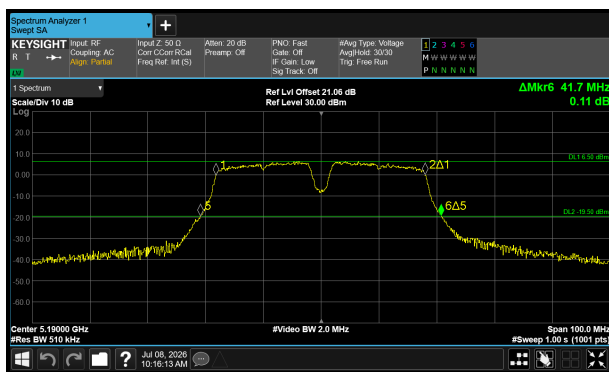
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

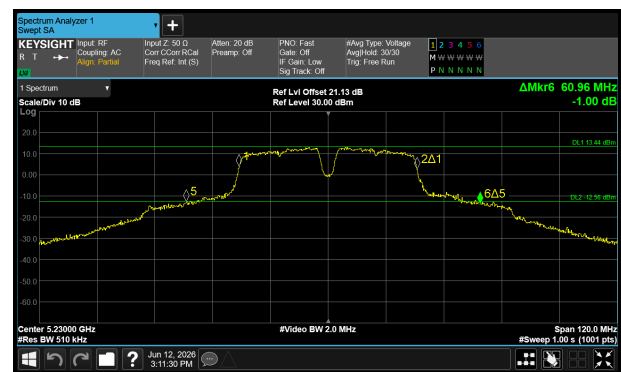
Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	36.200	-	-	-	-
5230	36.300	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	41.800	-	-	-	-
5230	60.960	-	-	-	-



99%



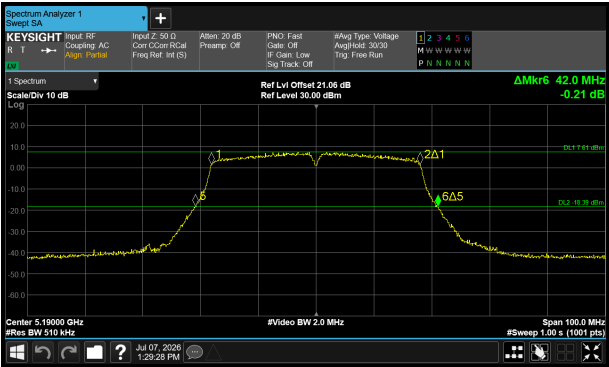
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

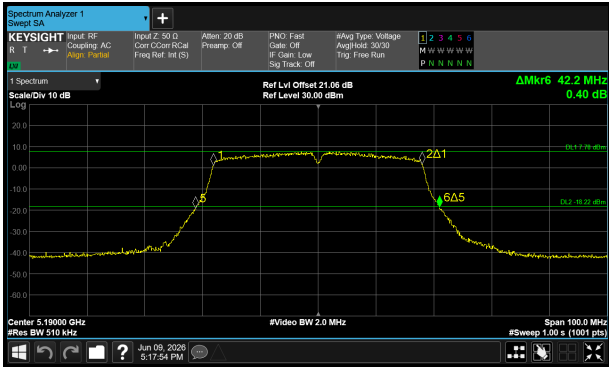
Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	36.100	-	-	-	-
5230	36.100	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	42.200	-	-	-	-
5230	42.100	-	-	-	-



99%



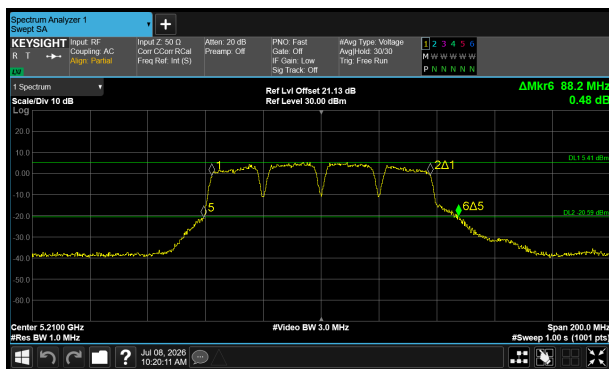
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

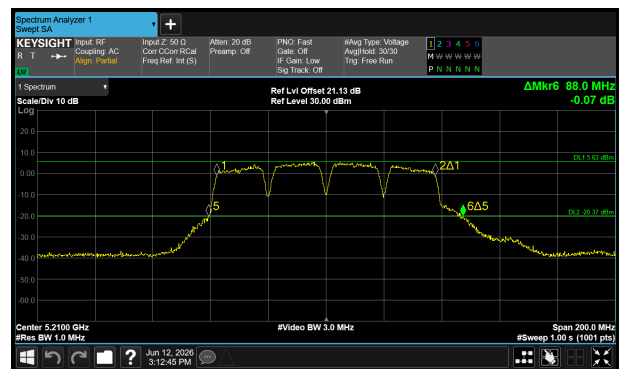
Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	75.600	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	88.000	-	-	-	-



99%



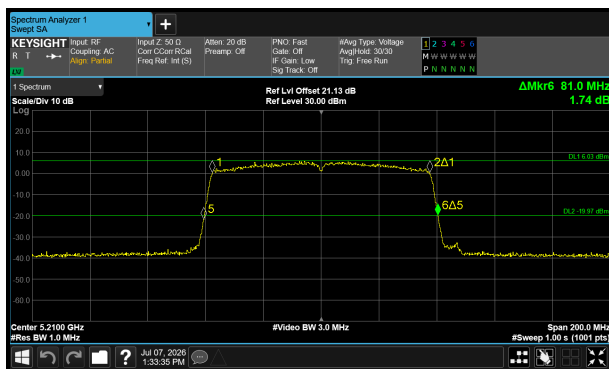
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

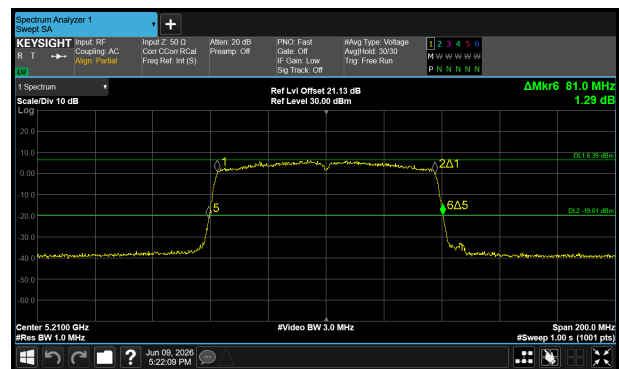
Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	75.200	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	81.000	-	-	-	-



99%



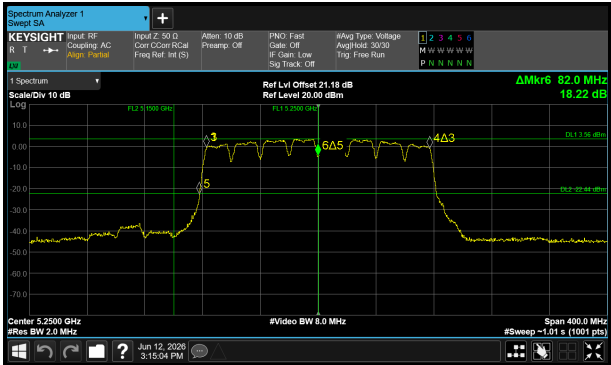
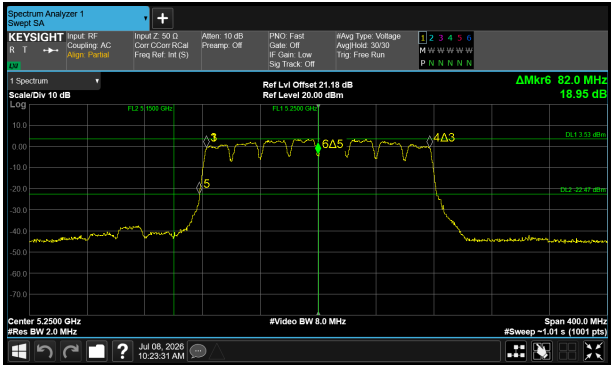
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11a160
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	77.200	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.000	-	-	-	-

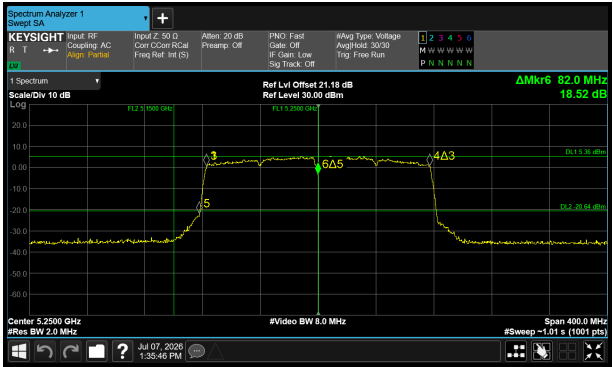


26 dB & 99% Bandwidth (U-NII-1) (continued)

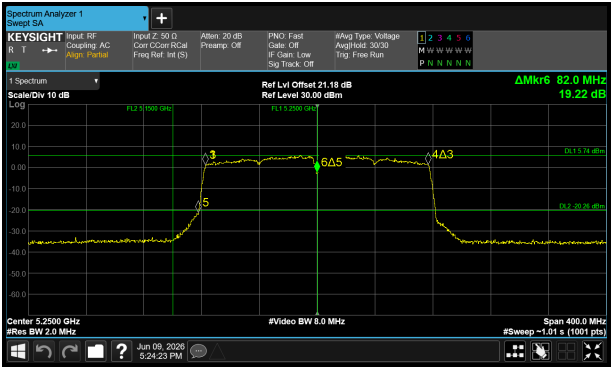
Antenna Configuration:	SISO	Mode:	802.11ac VHT160
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	77.200	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.000	-	-	-	-



99%



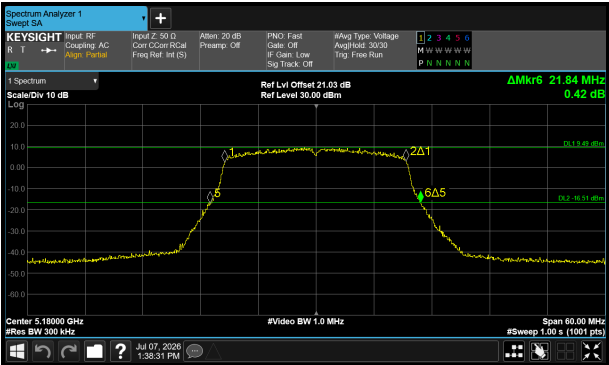
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

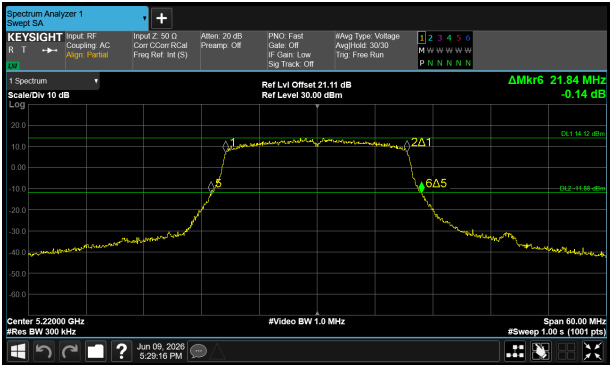
Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.840	-	-	-	-
5220	18.840	-	-	-	-
5240	18.840	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	21.720	-	-	-	-
5220	21.840	-	-	-	-
5240	21.660	-	-	-	-



99%



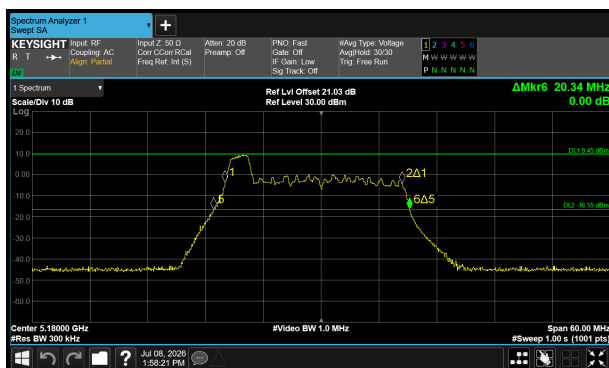
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

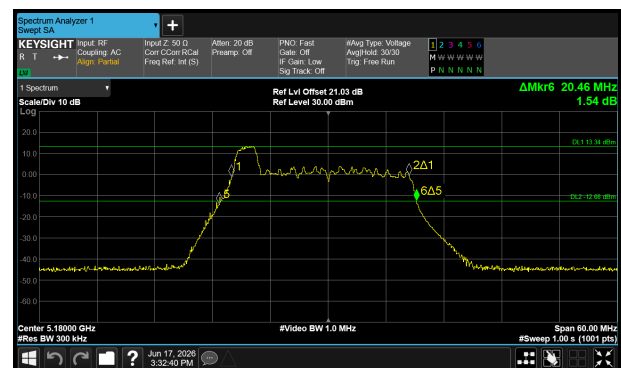
Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.360	-	-	-	-
5220	16.260	-	-	-	-
5240	18.300	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.460	-	-	-	-
5220	18.180	-	-	-	-
5240	20.100	-	-	-	-



99%



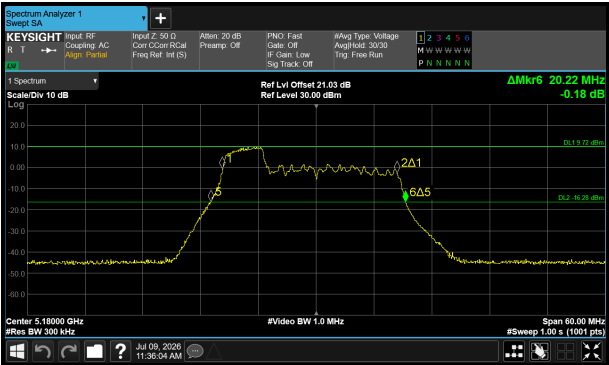
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

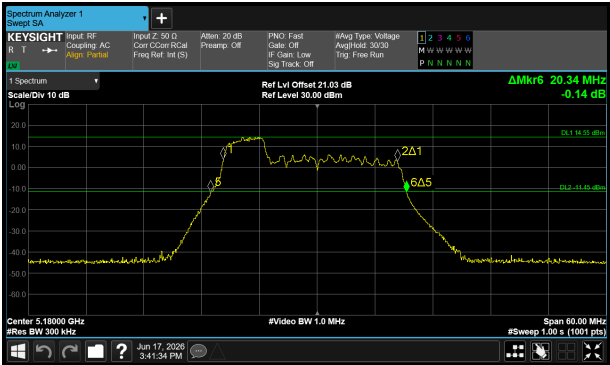
Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.120	-	-	-	-
5220	16.440	-	-	-	-
5240	18.000	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.340	-	-	-	-
5220	18.420	-	-	-	-
5240	20.160	-	-	-	-



99%



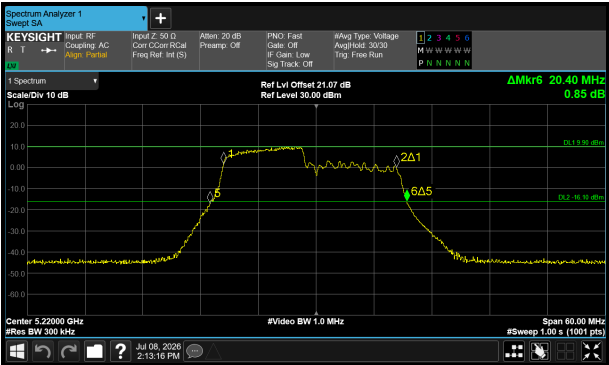
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

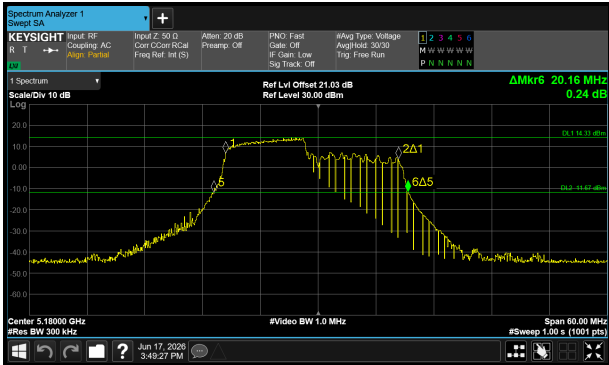
Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.880	-	-	-	-
5220	17.940	-	-	-	-
5240	17.640	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.160	-	-	-	-
5220	20.340	-	-	-	-
5240	20.040	-	-	-	-



99%



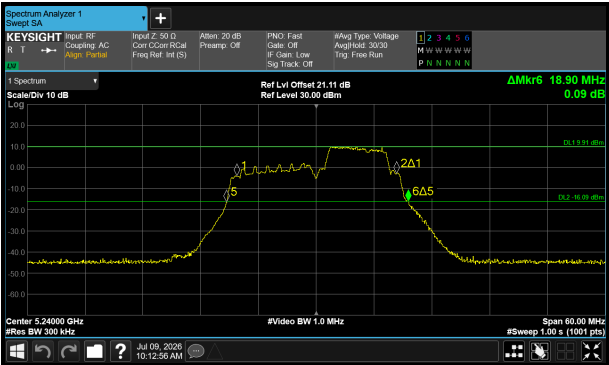
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

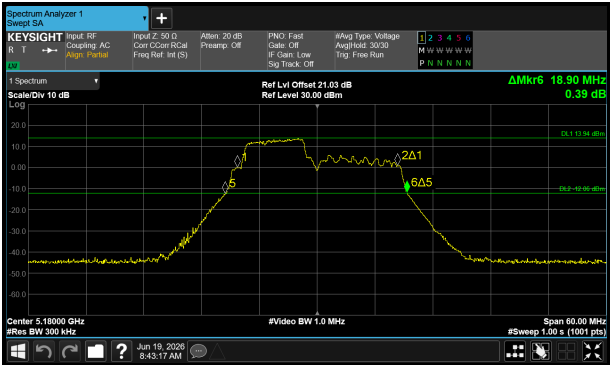
Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	16.620	-	-	-	-
5220	16.440	-	-	-	-
5240	16.560	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.900	-	-	-	-
5220	18.600	-	-	-	-
5240	18.840	-	-	-	-



99%



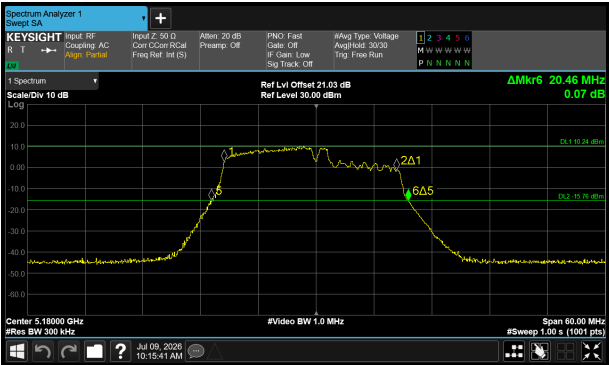
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

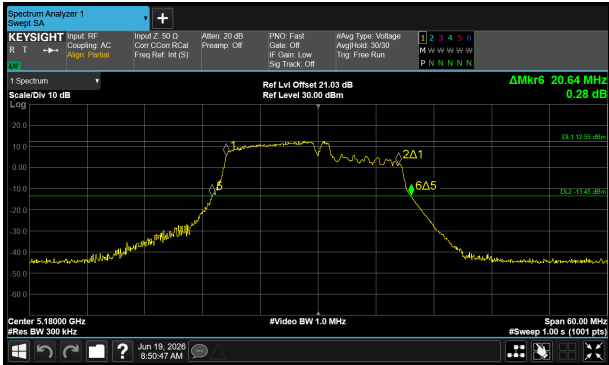
Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.880	-	-	-	-
5220	17.880	-	-	-	-
5240	17.700	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.640	-	-	-	-
5220	20.460	-	-	-	-
5240	20.100	-	-	-	-



99%



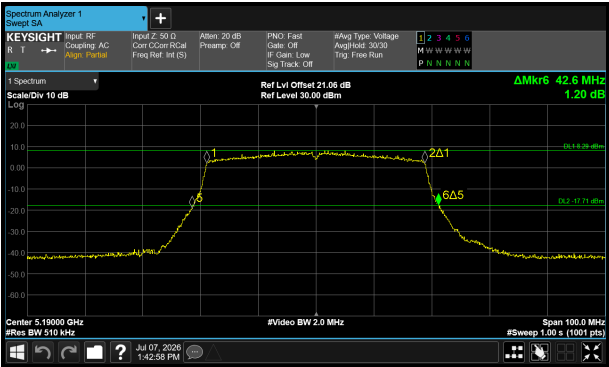
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

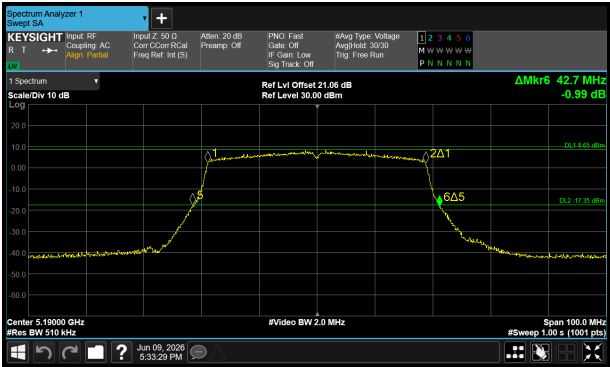
Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	37.700	-	-	-	-
5230	37.700	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	42.700	-	-	-	-
5230	42.500	-	-	-	-



99%



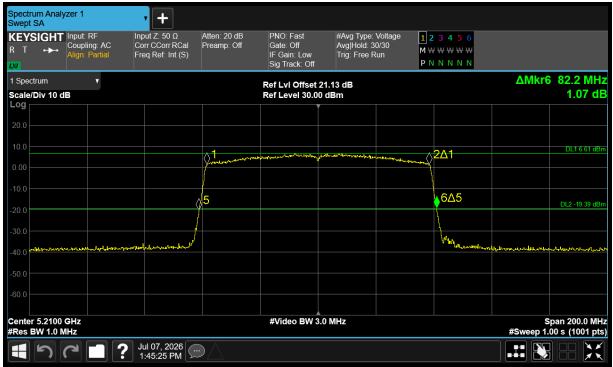
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

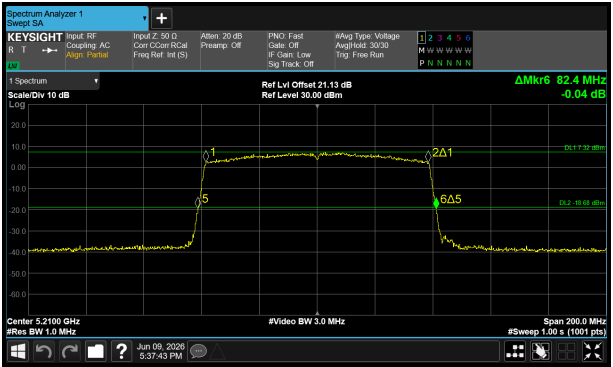
Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	76.800	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	82.400	-	-	-	-



99%



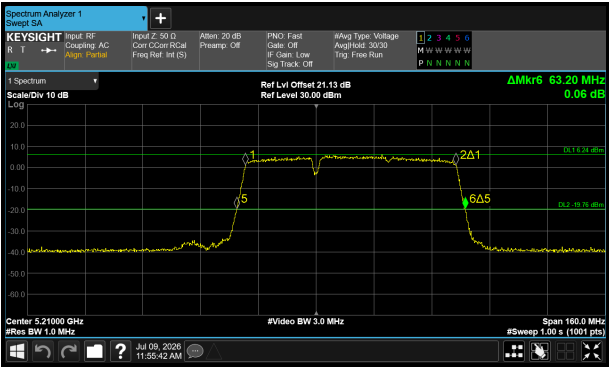
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

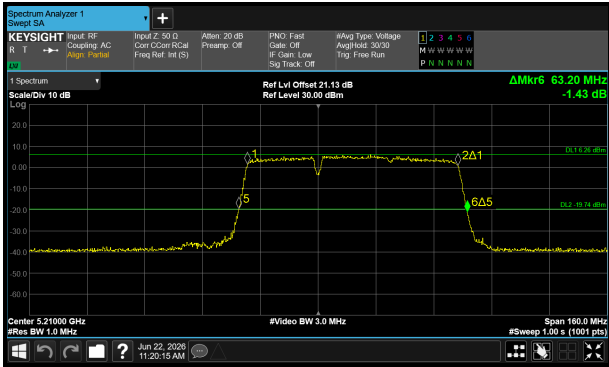
Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	58.240	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	63.200	-	-	-	-



99%



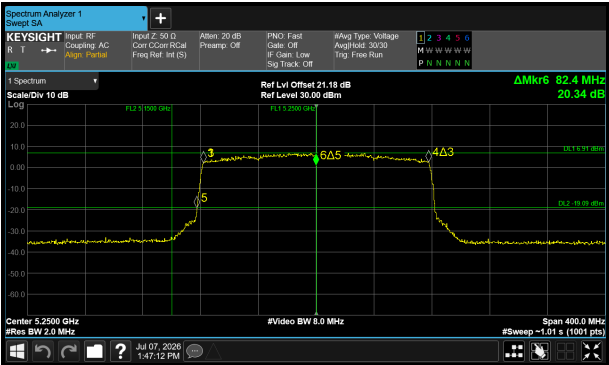
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

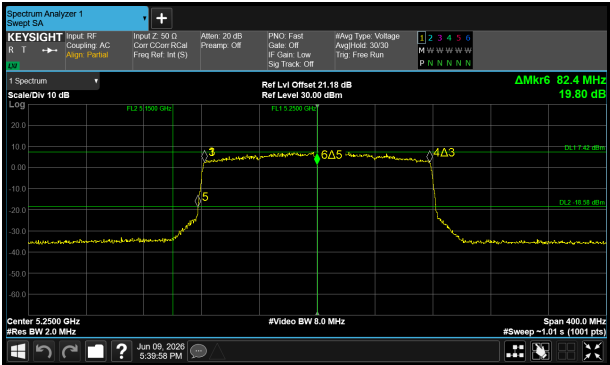
Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.000	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.400	-	-	-	-



99%



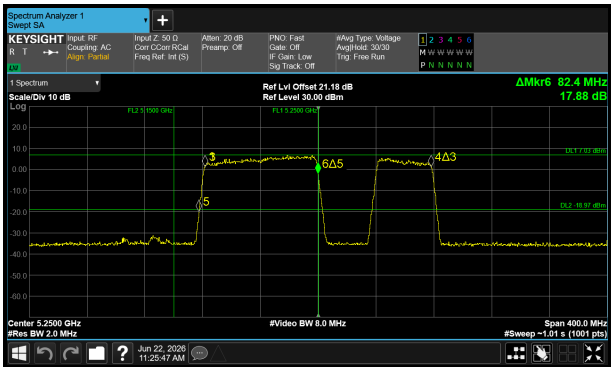
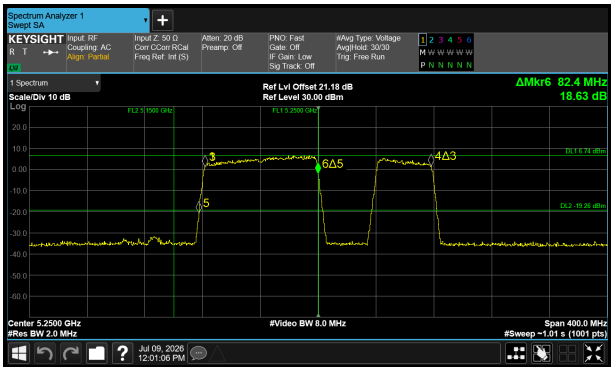
26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.400	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.400	-	-	-	-

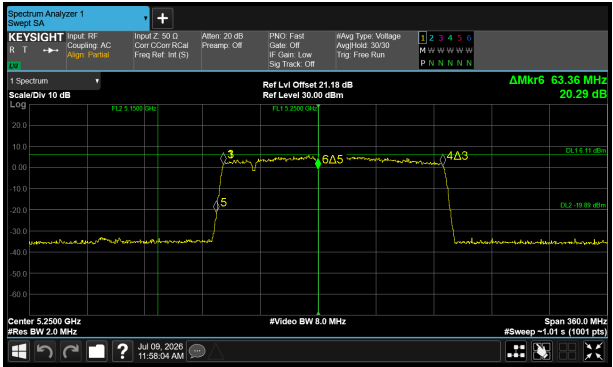


26 dB & 99% Bandwidth (U-NII-1) (continued)

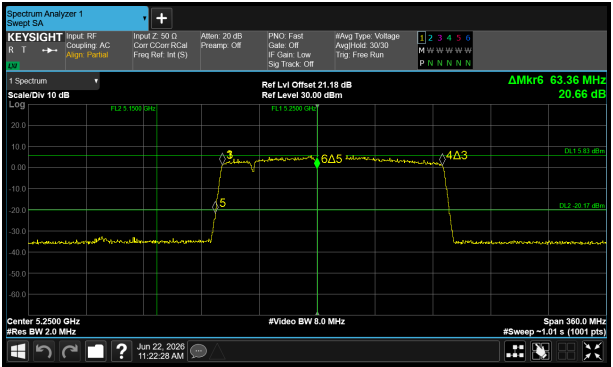
Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	59.040	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	63.360	-	-	-	-



99%



26 dB

26 dB & 99% Bandwidth (U-NII-1) (continued)**Results: SISO / Core 1**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	16.500	-	-	-
5220	-	16.500	-	-	-
5240	-	16.500	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	20.460	-	-	-
5220	-	20.640	-	-	-
5240	-	20.460	-	-	-

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	17.640	-	-	-
5220	-	17.580	-	-	-
5240	-	17.580	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	21.360	-	-	-
5220	-	21.360	-	-	-
5240	-	21.300	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	-	36.200	-	-	-
5230	-	36.300	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	-	41.700	-	-	-
5230	-	59.200	-	-	-

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	-	36.100	-	-	-
5230	-	36.200	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	-	42.000	-	-	-
5230	-	42.000	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	-	75.600	-	-	5172.400

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	-	89.000	-	-	5169.200

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	-	75.200	-	-	5172.400

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	-	81.000	-	-	5169.400

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11a160
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	77.200	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	82.000	-	-	-

Antenna Configuration:	SISO	Mode:	802.11ac VHT160
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	76.800	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	82.000	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	18.840	-	-	-
5220	-	18.900	-	-	-
5240	-	18.840	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	21.660	-	-	-
5220	-	21.900	-	-	-
5240	-	21.540	-	-	-

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	18.240	-	-	-
5220	-	16.260	-	-	-
5240	-	18.240	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	20.280	-	-	-
5220	-	18.180	-	-	-
5240	-	20.040	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	18.120	-	-	-
5220	-	16.440	-	-	-
5240	-	17.940	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	20.280	-	-	-
5220	-	18.420	-	-	-
5240	-	20.160	-	-	-

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	17.940	-	-	-
5220	-	17.880	-	-	-
5240	-	17.820	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	20.160	-	-	-
5220	-	20.220	-	-	-
5240	-	20.160	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	16.620	-	-	-
5220	-	16.440	-	-	-
5240	-	16.560			

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	18.600	-	-	-
5220	-	18.660	-	-	-
5240	-	18.660			

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	17.880	-	-	-
5220	-	17.940	-	-	-
5240	-	17.700			

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	-	20.640	-	-	-
5220	-	20.340	-	-	-
5240	-	20.220			

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	-	37.700	-	-	-
5230	-	37.600	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	-	42.500	-	-	-
5230	-	42.600	-	-	-

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	-	76.800	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	-	82.000	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	-	58.240	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	-	63.520	-	-	-

Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	77.600	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	82.800	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	78.000	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	82.400	-	-	-

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	56.680	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	-	63.360	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)**Results: MIMO CDD**

Antenna Configuration:	MIMO CDD	Mode:	802.11a20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	16.500	16.500	-	-	-
5220	16.500	16.500	-	-	-
5240	16.500	16.500	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	39.300	34.920	-	-	-
5220	20.520	20.820	-	-	-
5240	20.580	20.700	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.640	17.580	-	-	-
5220	17.640	17.640	-	-	-
5240	17.580	17.640	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	21.480	21.240	-	-	-
5220	21.360	21.240	-	-	-
5240	21.120	21.360	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	36.200	36.300	-	-	-
5230	36.200	36.200	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	41.800	42.100	-	-	-
5230	54.800	53.900	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	36.100	36.200	-	-	-
5230	36.200	36.200	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	42.000	41.700	-	-	-
5230	42.000	43.500	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	75.600	75.600	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	88.400	88.400	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	75.200	75.200	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	80.800	80.800	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11a160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	77.200	77.200	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.000	82.000	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	77.200	76.800	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.000	82.000	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.840	18.840	-	-	-
5220	18.840	18.840	-	-	-
5240	18.780	18.840	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	21.780	21.660	-	-	-
5220	21.840	21.480	-	-	-
5240	21.600	21.780	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.360	18.360	-	-	-
5220	16.260	16.260	-	-	-
5240	18.300	18.240	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.280	20.280	-	-	-
5220	18.180	18.120	-	-	-
5240	20.160	20.100	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.120	18.120	-	-	-
5220	16.200	16.440	-	-	-
5240	18.000	17.940	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.220	20.100	-	-	-
5220	18.360	18.420	-	-	-
5240	20.280	20.040	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.940	17.940	-	-	-
5220	17.940	17.880	-	-	-
5240	17.880	17.820	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.340	20.040	-	-	-
5220	20.460	21.060	-	-	-
5240	19.980	20.040	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	16.620	16.380	-	-	-
5220	16.440	16.200	-	-	-
5240	16.560	16.380	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.600	18.720	-	-	-
5220	18.720	18.420	-	-	-
5240	18.660	18.540	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.880	17.760	-	-	-
5220	17.940	17.760	-	-	-
5240	17.700	17.640	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.640	20.160	-	-	-
5220	20.640	20.160	-	-	-
5240	20.040	19.980	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	37.700	37.600	-	-	-
5230	37.600	37.600	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	42.900	46.700	-	-	-
5230	42.400	42.800	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	76.800	76.800	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	82.000	82.200	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	58.240	58.240	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	63.520	63.040	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.000	77.600	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.400	82.400	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.400	78.000	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.400	82.400	-	-	-

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	59.040	58.040	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	63.360	63.000	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)**Results: MIMO SDM**

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.640	17.640	-	-	-
5220	17.580	17.640	-	-	-
5240	17.580	17.640	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	21.180	21.420	-	-	-
5220	21.240	21.600	-	-	-
5240	21.360	21.420	-	-	-

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	36.000	36.200	-	-	-
5230	36.100	36.100	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	42.100	48.000	-	-	-
5230	42.200	47.700	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	72.500	75.000	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	80.800	80.800	-	-	-

Antenna Configuration:	MIMO SDM	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	77.200	77.200	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.000	82.000	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.780	18.780	-	-	-
5220	18.780	18.840	-	-	-
5240	18.780	18.840	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	21.600	21.720	-	-	-
5220	21.720	21.720	-	-	-
5240	21.780	21.840	-	-	-

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.360	18.360	-	-	-
5220	16.260	16.260	-	-	-
5240	18.300	18.300	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.280	20.400	-	-	-
5220	18.120	18.120	-	-	-
5240	20.340	20.280	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.060	18.120	-	-	-
5220	16.320	16.380	-	-	-
5240	18.000	18.000	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.160	20.160	-	-	-
5220	18.420	18.360	-	-	-
5240	20.040	20.160	-	-	-

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.940	17.880	-	-	-
5220	17.940	17.940	-	-	-
5240	17.880	17.760	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.340	20.400	-	-	-
5220	20.340	20.340	-	-	-
5240	20.220	20.100	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	16.620	16.380	-	-	-
5220	16.440	16.200	-	-	-
5240	16.560	16.380	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.540	18.720	-	-	-
5220	18.720	18.420	-	-	-
5240	18.780	18.600	-	-	-

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.880	17.760	-	-	-
5220	17.940	17.700	-	-	-
5240	17.700	17.640	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	20.520	19.980	-	-	-
5220	20.280	20.160	-	-	-
5240	20.100	19.920	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	37.700	37.600	-	-	-
5230	37.600	37.600	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	42.800	42.800	-	-	-
5230	42.700	42.900	-	-	-

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	76.800	76.800	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	82.000	82.200	-	-	-

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	58.240	58.240	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	63.360	63.360	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.000	77.600	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.400	82.400	-	-	-

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.400	78.000	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.400	82.400	-	-	-

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	59.040	58.680	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	63.720	63.360	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)**Results: TxBF**

Antenna Configuration:	TxBF	Mode:	802.11ac VHT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	17.640	17.640	-	-	-
5220	17.640	17.640	-	-	-
5240	17.640	17.640	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	21.300	21.300	-	-	-
5220	21.780	21.540	-	-	-
5240	21.420	21.480	-	-	-

Antenna Configuration:	TxBF	Mode:	802.11ac VHT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	36.200	36.200	-	-	-
5230	36.200	36.200	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	42.200	42.300	-	-	-
5230	42.100	41.800	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	75.200	75.200	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	81.000	80.800	-	-	-

Antenna Configuration:	TxBF	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	77.200	76.800	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.000	82.000	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	18.840	18.840	-	-	-
5220	18.840	18.840	-	-	-
5240	18.780	18.840	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5180	21.540	21.780	-	-	-
5220	21.660	22.080	-	-	-
5240	21.720	21.720	-	-	-

Antenna Configuration:	TxBF	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	37.700	37.700	-	-	-
5230	37.700	37.600	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5190	42.800	42.800	-	-	-
5230	42.800	42.900	-	-	-

26 dB & 99% Bandwidth (U-NII-1) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	76.800	76.800	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5210	82.400	82.200	-	-	-

Antenna Configuration:	TxBF	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.000	77.600	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.800	82.400	-	-	-

4.2.2 5.25-5.35 GHz band (U-NII-2A)**Results: SISO / Core 0**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	16.500	-	-	-	-
5300	16.500	-	-	-	-
5320	16.440	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	20.280	-	-	-	-
5300	20.460	-	-	-	-
5320	20.640	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	17.640	-	-	-	-
5300	17.640	-	-	-	-
5320	17.640	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	21.480	-	-	-	-
5300	21.360	-	-	-	-
5320	21.300	-	-	-	-

26 dB & 99% Bandwidth (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5270	36.700	-	-	-	-
5310	36.200	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5270	56.600	-	-	-	-
5310	41.900	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5270	36.100	-	-	-	-
5310	36.100	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5270	42.200	-	-	-	-
5310	42.000	-	-	-	-

26 dB & 99% Bandwidth (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5290	75.600	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5290	93.000	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5290	75.000	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5290	80.600	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11a160
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	77.200	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.000	-	-	-	-

26 dB & 99% Bandwidth (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ac VHT160
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	76.800	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.000	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	18.840	-	-	-	-
5300	18.780	-	-	-	-
5320	18.840	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	21.600	-	-	-	-
5300	21.780	-	-	-	-
5320	21.720	-	-	-	-

26 dB & 99% Bandwidth (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	18.060	-	-	-	-
5300	18.000	-	-	-	-
5320	18.000	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	20.220	-	-	-	-
5300	20.040	-	-	-	-
5320	20.160	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	17.940	-	-	-	-
5300	17.820	-	-	-	-
5320	17.880	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	20.400	-	-	-	-
5300	20.100	-	-	-	-
5320	20.040	-	-	-	-

26 dB & 99% Bandwidth (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	16.620	-	-	-	-
5300	16.440	-	-	-	-
5320	16.560	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	18.780	-	-	-	-
5300	18.660	-	-	-	-
5320	18.720	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	17.880	-	-	-	-
5300	17.880	-	-	-	-
5320	17.760	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5260	20.160	-	-	-	-
5300	20.460	-	-	-	-
5320	20.040	-	-	-	-

26 dB & 99% Bandwidth (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5270	37.700	-	-	-	-
5310	37.700	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5270	42.800	-	-	-	-
5310	42.900	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5290	76.800	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5290	82.200	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5290	58.240	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5290	63.200	-	-	-	-

26 dB & 99% Bandwidth (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.000	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.000	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.400	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.400	-	-	-	-

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	78.120	-	-	-	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5250	82.440	-	-	-	-