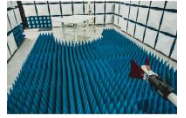




ELEMENT MATERIALS TECHNOLOGY

(formerly PCTEST)
18855 Adams Court, Morgan Hill, CA 95037 USA
Tel. 408.538.5600
<http://www.element.com>



MEASUREMENT REPORT

FCC PART 15.407 / ISED RSS-247 UNII 5GHz 802.11ax/be (OFDMA)

Applicant Name:

Apple Inc.
One Apple Park Way
Cupertino, CA 95014
United States

Date of Testing:

05/12/2025 - 08/13/2025

Test Report Issue Date:

9/4/2025

Test Site/Location:

Element Materials Technology, Morgan Hill, CA, USA

Test Report Serial No.:

1C2504170039-23-R1.BCG

FCC ID:	BCGA3358
IC:	579C-A3358
APPLICANT:	Apple Inc.

Application Type:

Certification

Model/HVIN:

A3358, A3359

EUT Type:

Tablet Device

Frequency Range:

5180 – 5825MHz

Modulation Type:

OFDMA

FCC Classification:

Unlicensed National Information Infrastructure (UNII)

FCC Rule Part(s):

Part 15 Subpart E (15.407)

ISED Specification:

RSS-247 Issue 3

Test Procedure(s):

ANSI C63.10-2020, KDB 789033 D02 v02r01,
KDB 662911 D01 v02r01

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2020 and KDB 558074 D01 v05r02. Test results reported herein relate only to the item(s) tested.

This revised Test Report (S/N: 1C2504170039-23-R1.BCG) supersedes and replaces the previously issued test report on the same subject device for the same type of testing as indicated. Please discard or destroy the previously issued test report(s) and dispose accordingly.

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

RJ Ortanez

Executive Vice President



FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device
		Page 1 of 374

V 11.0 5/2025

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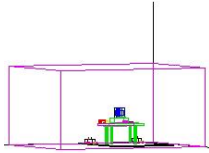
TABLE OF CONTENTS

1.0	INTRODUCTION	4
1.1	Scope	4
1.2	Element Materials Technology Test Location.....	4
1.3	Test Facility / Accreditations	4
2.0	PRODUCT INFORMATION	5
2.1	Equipment Description.....	5
2.2	Device Capabilities	5
2.3	Antenna Description	10
2.4	Test Support Equipment.....	10
2.5	Test Configuration.....	11
2.6	Software and Firmware	11
2.7	EMI Suppression Device(s)/Modifications	11
3.0	DESCRIPTION OF TESTS	12
3.1	Evaluation Procedure	12
3.2	AC Line Conducted Emissions	12
3.3	Radiated Emissions	13
3.4	Environmental Conditions.....	13
4.0	ANTENNA REQUIREMENTS.....	14
5.0	MEASUREMENT UNCERTAINTY	15
6.0	TEST EQUIPMENT CALIBRATION DATA	16
7.0	TEST RESULTS.....	17
7.1	Summary	17
7.2	26dB & 99% Bandwidth Measurement	18
7.3	6dB & 99% Bandwidth Measurement	24
7.4	Conducted Output Power and Max EIRP Measurement.....	39
7.5	Maximum Power Spectral Density	42
7.6	Radiated Spurious Emission – Above 1GHz	129
7.7	Radiated Spurious Emissions – Below 1GHz.....	351
7.8	AC Line Conducted Emissions Measurement	360
8.0	CONCLUSION.....	374

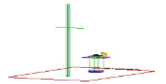
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 2 of 374

V 11.0 5/2025

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MEASUREMENT REPORT



UNII Band	Channel Bandwidth (MHz)	Tx Frequency (MHz)	SISO						CDD/SDM Primary		CDD/SDM Diversity	
			Antenna WF5B		Antenna 4a		Antenna 2a		Summed		Summed	
			Max. Power (mW)	Max. Power (dBm)	Max. Power (mW)	Max. Power (dBm)	Max. Power (mW)	Max. Power (dBm)	Max. Power (mW)	Max. Power (dBm)	Max. Power (mW)	Max. Power (dBm)
1	20	5180 - 5240	67.453	18.29	84.723	19.28	69.663	18.43	131.826	21.20	133.352	21.25
2A		5260 - 5320	67.920	18.32	85.507	19.32	70.146	18.46	133.660	21.26	133.045	21.24
2C		5500 - 5720	69.984	18.45	87.096	19.40	69.343	18.41	131.522	21.19	134.586	21.29
3		5745 - 5825	68.707	18.37	88.308	19.46	66.988	18.26	137.721	21.39	136.458	21.35
1	40	5190 - 5230	68.077	18.33	85.704	19.33	67.920	18.32	136.773	21.36	134.896	21.30
2A		5270 - 5310	67.453	18.29	85.507	19.32	66.222	18.21	134.586	21.29	137.088	21.37
2C		5510 - 5710	69.024	18.39	88.105	19.45	69.823	18.44	138.995	21.43	137.404	21.38
3		5755 - 5795	67.764	18.31	87.700	19.43	68.707	18.37	138.038	21.40	139.959	21.46
1	80	5210	21.232	13.27	22.233	13.47	21.380	13.30	33.497	15.25	32.734	15.15
2A		5290	24.378	13.87	24.660	13.92	24.099	13.82	46.989	16.72	46.345	16.66
2C		5530 - 5690	70.632	18.49	87.700	19.43	68.234	18.34	140.281	21.47	140.929	21.49
3		5775	47.098	16.73	50.003	16.99	48.978	16.90	85.507	19.32	82.414	19.16
1/2A	160	5250	15.849	12.00	16.520	12.18	15.849	12.00	28.054	14.48	27.925	14.46
2C		5570	14.093	11.49	16.982	12.30	13.932	11.44	27.797	14.44	27.925	14.46

FCC EUT Overview

UNII Band	Channel Bandwidth (MHz)	Tx Frequency (MHz)	SISO						CDD/SDM Primary		CDD/SDM Diversity	
			Antenna WF5B		Antenna 4a		Antenna 2a		Summed		Summed	
			Max. Power (mW)	Max. Power (dBm)	Max. Power (mW)	Max. Power (dBm)	Max. Power (mW)	Max. Power (dBm)	Max. Power (mW)	Max. Power (dBm)	Max. Power (mW)	Max. Power (dBm)
1	20	5180 - 5240	46.345	16.66	84.528	19.27	47.098	16.73	70.469	18.48	70.146	18.46
2A		5260 - 5320	67.920	18.32	85.507	19.32	70.146	18.46	133.660	21.26	133.045	21.24
2C		5500 - 5720	69.984	18.45	87.096	19.40	69.343	18.41	131.522	21.19	134.586	21.29
3		5745 - 5825	68.707	18.37	88.308	19.46	66.988	18.26	137.721	21.39	136.458	21.35
1	40	5190 - 5230	65.917	18.19	84.723	19.28	67.298	18.28	94.624	19.76	95.719	19.81
2A		5270 - 5310	67.453	18.29	85.507	19.32	66.222	18.21	134.586	21.29	137.088	21.37
2C		5510 - 5710	68.234	18.34	85.901	19.34	68.707	18.37	133.045	21.24	136.144	21.34
3		5755 - 5795	67.764	18.31	87.700	19.43	68.707	18.37	138.038	21.40	139.959	21.46
1	80	5210	20.989	13.22	22.131	13.45	21.184	13.26	32.734	15.15	33.497	15.25
2A		5290	24.378	13.87	24.660	13.92	24.099	13.82	46.989	16.72	46.345	16.66
2C		5530 - 5690	70.632	18.49	87.700	19.43	68.234	18.34	140.281	21.47	140.929	21.49
3		5775	47.098	16.73	50.003	16.99	48.978	16.90	85.507	19.32	82.414	19.16
1/2A	160	5250	15.668	11.95	16.331	12.13	15.488	11.90	27.416	14.38	27.733	14.43

ISED EUT Overview

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 3 of 374

1.0 INTRODUCTION

1.1 Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada.

1.2 Element Materials Technology Test Location

These measurement tests were conducted at the Element Materials Technology facility located at 18855 Adams Court, Morgan Hill, CA 95037. The measurement facility is compliant with the test site requirements specified in ANSI C63.4-2014 and KDB 414788 D01 v01r01.

1.3 Test Facility / Accreditations

Measurements were performed at Element Materials Technology located in Morgan Hill, CA 95037, U.S.A.

- Element Materials Technology is an ISO 17025-2017 accredited test facility under the American Association for Laboratory Accreditation (A2LA) with Certificate number 2041.02 for Specific Absorption Rate (SAR), Hearing Aid Compatibility (HAC) testing, where applicable, and Electromagnetic Compatibility (EMC) testing for FCC and Innovation, Science, and Economic Development Canada rules.
- Element Washington DC LLC TCB is a Telecommunication Certification Body (TCB) accredited to ISO/IEC 17065-2012 by A2LA (Certificate number 2041.03) in all scopes of FCC Rules and ISED Standards (RSS).
- Element Materials Technology facility is a registered (22831) test laboratory with the site description on file with ISED.
- Element Washington DC LLC is a Recognized U.S. Certification Assessment Body (CAB # US0110) for ISED Canada as designated by NIST under the U.S. and Canada Mutual Recognition Agreements (MRAs).

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 4 of 374

V 11.0 5/2025

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2.0 PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the **Apple Tablet Device FCC ID: BCGA3358** and **IC: 579C-A3358**. The test data contained in this report pertains only to the emissions due to the EUT's UNII 802.11be - RU transmitter.

Test Device Serial No.: KKX6MJQJFF, Y2VHP6TKXW, J3YQD407KJ, H9HHEN0003H0000X4E, H9HHEL0009D0000X4D

2.2 Device Capabilities

This device contains the following capabilities:

850/1700/1900 WCDMA/HSPA, Multi-band LTE, 5G NR (FR1), 802.11b/g/n/ax/be WLAN, 802.11a/n/ac/ax/be UNII (5GHz and 6GHz), 802.15.4, Bluetooth (1x, EDR, LE, HDR, HDT), Narrowband (NB) UNII (5GHz and 6GHz), WPT

This device supports BT Beamforming.

This device supports channel puncturing and channel bandwidth reduction.

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 5 of 374

V 11.0 5/2025

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Band 1		Band 2A		Band 2C		Band 3	
Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)
36	5180	52	5260	100	5500	149	5745
:	:	:	:	:	:	:	:
42	5210	56	5280	116	5580	157	5785
:	:	:	:	:	:	:	:
48	5240	64	5320	144	5720	165	5825

Table 2-1. 802.11a/n/ac/ax/be (20MHz) Frequency / Channel Operations

Band 1		Band 2A		Band 2C		Band 3	
Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)
38	5190	54	5270	102	5510	151	5755
:	:	:	:	:	:	:	:
46	5230	62	5310	110	5550	159	5795
				:	:		
				142	5710		

Table 2-2. 802.11n/ac/ax/be (40MHz BW) Frequency / Channel Operations

Band 1		Band 2A		Band 2C		Band 3	
Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)
42	5210	58	5290	106	5530	155	5775
				:	:		
				138	5690		

Table 2-3. 802.11ac/ax/be (80MHz BW) Frequency / Channel Operations

Band 1		Band 2A		Band 2C	
Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)
50	5250	50	5250	114	5570

Table 2-4. 802.11ac/ax/be (160MHz BW) Frequency / Channel Operations

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 6 of 374

Notes:

1. TDWR channels are not supported for ISED.
2. 5GHz NII operation is possible in 20MHz, 40MHz, 80MHz, and 160MHz channel bandwidths. The maximum achievable duty cycles for all modes were determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 50MHz, and detector = peak per the guidance of Section B)2)b) of KDB 789033 D02 v02r01 and ANSI C63.10-2020. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

802.11 Mode/Band	Duty Cycle [%]									
	Antenna WF5B		Antenna 4a		Antenna 2a		CDD/SDM Primary		CDD/SDM Diversity	
	Duty Cycle [%]	DCCF [dB]	Duty Cycle [%]	DCCF [dB]	Duty Cycle [%]	DCCF [dB]	Duty Cycle [%]	DCCF [dB]	Duty Cycle [%]	DCCF [dB]
be(RU) 26T EHT20	97.769	0.098	98.107	0.083	97.949	0.090	97.432	0.113	97.454	0.112
be(RU) 52T EHT20	98.152	0.081	97.432	0.113	97.454	0.112	97.769	0.098	97.701	0.101
be(RU) 106T EHT20	97.208	0.123	97.949	0.090	98.265	0.076	97.208	0.123	97.611	0.105
be(RU) 242T EHT20	97.769	0.098	97.949	0.090	97.949	0.090	97.949	0.090	98.152	0.081
be(RU) 26T EHT40	98.107	0.083	97.791	0.097	97.454	0.112	98.152	0.081	98.107	0.083
be(RU) 52T EHT40	97.949	0.090	97.949	0.090	97.701	0.101	97.769	0.098	97.611	0.105
be(RU) 106T EHT40	98.220	0.078	97.949	0.090	97.611	0.105	98.220	0.078	97.701	0.101
be(RU) 242T EHT40	97.949	0.090	97.454	0.112	98.130	0.082	97.432	0.113	97.454	0.112
be(RU) 484T EHT40	97.949	0.090	97.791	0.097	97.949	0.090	97.949	0.090	97.454	0.112
be(RU) 26T EHT80	97.949	0.090	98.288	0.075	97.701	0.101	97.769	0.098	97.611	0.105
be(RU) 52T EHT80	97.701	0.101	97.701	0.101	97.904	0.092	97.904	0.092	97.769	0.098
be(RU) 106T EHT80	98.288	0.075	97.769	0.098	97.611	0.105	97.791	0.097	97.208	0.123
be(RU) 242T EHT80	97.454	0.112	97.949	0.090	98.220	0.078	97.949	0.090	97.208	0.123
be(RU) 484T EHT80	97.949	0.090	97.949	0.090	97.769	0.098	98.130	0.082	97.454	0.112
be(RU) 996T EHT80	97.566	0.107	97.904	0.092	97.432	0.113	98.220	0.078	98.130	0.082
be(RU) 26T EHT160	97.949	0.090	97.454	0.112	97.701	0.101	97.611	0.105	97.701	0.101
be(RU) 52T EHT160	97.611	0.105	97.611	0.105	97.769	0.098	97.432	0.113	97.432	0.113
be(RU) 106T EHT160	97.701	0.101	97.432	0.113	97.701	0.101	97.949	0.090	97.454	0.112
be(RU) 242T EHT160	97.701	0.101	97.454	0.112	98.265	0.076	98.107	0.083	97.769	0.098
be(RU) 484T EHT160	97.972	0.089	97.791	0.097	97.791	0.097	98.107	0.083	97.949	0.090
be(RU) 996T EHT160	98.130	0.082	97.454	0.112	97.611	0.105	97.949	0.090	97.769	0.098
be(RU) 996x2T EHT160	98.130	0.082	97.454	0.112	97.611	0.105	97.949	0.090	97.769	0.098

Table 2-4. Measured Duty Cycles

CDD/SDM Primary = Antenna WF5B + Antenna 4a

CDD/SDM Diversity = Antenna 4a + Antenna 2a

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 7 of 374

V 11.0 5/2025

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3. The device employs CDD/SDM technology. Below are the possible configurations.

WiFi Configurations		SISO			Primary						Diversity					
					CDD		SDM		STBC		CDD		SDM		STBC	
		Antenna WFSB	Antenna 4a	Antenna 2a	Antenna WFSB	Antenna 4a	Antenna WFSB	Antenna 4a	Antenna WFSB	Antenna 4a	Antenna WFSB	Antenna 2a	Antenna WFSB	Antenna 2a	Antenna WFSB	Antenna 2a
5GHz	11be (20MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11be (40MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11be (80MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11be (160MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table 2-5. WIFI Configurations

✓ = Support ; ✗ = NOT Support

SISO = Single Input Single Output

CDD = Cyclic Delay Diversity – 2Tx Function

SDM = Spatial Diversity Multiplexing – CDD/SDM function

STBC = Space-Time Block Coding – 2Tx Function

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 8 of 374

V 11.0 5/2025

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4. The device supports the following data rates (shown in Mbps):

MCS Index		Spatial Stream	MU-OFDMA (802.11ax/be)																							
			26-tone RU			52-tone RU			106-tone RU			242-tone RU			484-tone RU			996-tone RU			2x996-tone RU					
			0.8µs GI	1.6µs GI	3.2µs GI	0.8µs GI	1.6µs GI	3.2µs GI	0.8µs GI	1.6µs GI	3.2µs GI	0.8µs GI	1.6µs GI	3.2µs GI	0.8µs GI	1.6µs GI	3.2µs GI	0.8µs GI	1.6µs GI	3.2µs GI	0.8µs GI	1.6µs GI	3.2µs GI	0.8µs GI	1.6µs GI	3.2µs GI
0	0	1	0.9	0.8	0.8	1.8	1.7	1.5	3.8	3.5	3.2	8.6	8.1	7.3	17.2	16.3	14.6	36	34	30.6	72.1	68.1	61.3	144.1	136.1	122.5
1	1	1	1.8	1.7	1.5	3.5	3.3	3	7.5	7.1	6.4	17.2	16.3	14.6	34.4	32.5	29.3	72.1	68.1	61.3	144.1	136.1	122.5	288.2	272.2	245
2	2	1	2.6	2.5	2.3	5.3	5	4.5	11.3	10.6	9.6	25.8	24.4	21.9	51.6	48.8	43.9	108.1	102.1	91.9	216.2	204.2	183.8	432.4	408.3	367.5
3	3	1	3.5	3.3	3	7.1	6.7	6	15	14.2	12.8	34.4	32.5	29.3	68.8	65	58.5	144.1	136.1	122.5	288.2	272.2	245	576.5	544.4	490
4	4	1	5.3	5	4.5	10.6	10	9	22.5	21.3	19.1	51.6	48.8	43.9	103.2	97.5	87.8	216.2	204.2	183.8	432.4	408.3	367.5	864.7	816.7	735
5	5	1	7.1	6.7	6	14.1	13.3	12	30	28.3	25.5	68.8	65	58.5	137.6	130	117	288.2	272.2	245	576.5	544.4	490	1152.9	1088.9	980
6	6	1	7.9	7.5	6.8	15.9	15	13.5	33.8	31.9	28.7	77.4	73.1	65.8	154.9	146.3	131.6	324.3	306.3	275.6	648.5	612.5	551.3	1441.1	1361.1	1225.5
7	7	1	8.8	8.3	7.5	17.6	16.7	15	37.5	35.4	31.9	86	81.3	73.1	172.1	162.5	146.3	360.3	340.3	306.3	720.6	680.6	612.5	1728.2	1640.6	1475.5
8	8	1	10.6	10	9	21.2	20	18	45	42.5	38.3	103.2	97.5	87.8	206.5	195	175.5	432.4	408.3	367.5	864.7	816.7	735	2161.8	2041.7	1837.5
9	9	1	11.8	11.1	10	23.5	22.2	20	50	47.2	42.5	114.7	108.3	97.5	229.4	216.7	195	480.4	453.7	408.3	960.8	907.4	816.7	2304.3	2161.8	1968.5
10	10	1	13.2	12.5	11.3	26.5	25	22.5	56.3	53.1	47.8	129	121.9	109.7	258.1	243.8	219.4	540.4	510.4	459.4	1080.9	1020.8	918.8	2640.6	2480.6	2240.5
11	11	1	14.7	13.9	12.5	29.4	27.8	25	62.5	59	53.1	143.4	135.4	121.9	286.8	270.8	243.8	600.5	567.1	510.4	1201	1134.3	1020.8	2880.7	2700.7	2440.5
0	0	2	1.8	1.7	1.5	3.5	3.3	3	7.5	7.1	6.4	17.2	16.3	14.6	34.4	32.5	29.3	72.1	68.1	61.3	144.1	136.1	122.5	288.2	272.2	245
1	1	2	3.5	3.3	3	7.1	6.7	6	15	14.2	12.8	34.4	32.5	29.3	68.8	65	58.5	144.1	136.1	122.5	288.2	272.2	245	576.5	544.4	490
2	2	2	5.3	5	4.5	10.6	10	9	22.5	21.3	19.1	51.6	48.8	43.9	103.2	97.5	87.8	216.2	204.2	183.8	432.4	408.3	367.5	864.7	816.7	735
3	3	2	7.1	6.7	6	14.1	13.3	12	30	28.3	25.5	68.8	65	58.5	137.6	130	117	288.2	272.2	245	576.5	544.4	490	1152.9	1088.9	980
4	4	2	10.6	10	9	21.2	20	18	45	42.5	38.3	103.2	97.5	87.8	206.5	195	175.5	432.4	408.3	367.5	864.7	816.7	735	2161.8	2041.7	1837.5
5	5	2	14.1	13.3	12	28.2	26.7	24	60	56.7	51	137.6	130	117	275.3	260	234	576.5	544.4	490	1152.9	1088.9	980	2880.7	2700.7	2440.5
6	6	2	15.9	15	13.5	31.8	30	27	67.5	63.8	57.4	154.9	146.3	131.6	309.7	292.5	263.3	648.5	612.5	551.3	1297.1	1225	1102.5	3240.8	3040.8	2740.5
7	7	2	17.6	16.7	15	35.3	33.3	30	75	70.8	63.8	172.1	162.5	146.3	344.1	325	292.5	720.6	680.6	612.5	1729.1	1647.1	1475.5	3600.9	3360.9	3040.5
8	8	2	21.2	20	18	42.4	40	36	90	85	76.5	206.5	195	175.5	412.9	390	351	864.7	816.7	735	1729.4	1633.3	1470	4321.1	4081.1	3675.5
9	9	2	23.5	22.2	20	47.1	44.4	40	100	94.4	85	229.4	216.7	195	458.8	433.3	390	960.8	907.4	816.7	1921.6	1818.8	1633.3	4801.2	4561.2	4143.3
10	10	2	26.5	25	22.5	52.9	50	45	112.5	106.3	95.6	258.1	243.8	219.4	516.2	487.5	438.8	1080.9	1020.8	918.8	2161.8	2041.7	1837.5	5401.3	5161.3	4675.5
11	11	2	29.4	27.8	25	58.8	55.6	50	125	118.1	106.3	286.8	270.8	243.8	573.5	541.7	487.5	1201	1134.3	1020.8	2402	2268.5	2041.7	6001.4	5761.4	5143.3

Table 2-6. Supported Data Rates

5. This device supports simultaneous transmission operations, which allows multiple transmitters to transmit simultaneously on the same antenna. The table below shows all configurations possible.

Antenna	Simultaneous Tx Config	Bluetooth 2.4GHz	Thread	WLAN	NB UNII	WIFI 5GHz	WIFI 6GHz	LTE / FR1 NR		
		BDR, EDR, LE HDR, HDT	802.15.4	802.11 b/g/n/ax/be	BDR, EDR, LE HDR, HDT	802.11 a/n/ac/ax/be	802.11 a/ax/be	LB	MB/HB	UHB
Ant 4a	Config 1	✓	✗	✗	✗	✓	✗	✗	✗	✗
Ant 4a	Config 2	✓	✗	✗	✗	✗	✓	✗	✗	✗
Ant 4a	Config 3	✗	✓	✗	✗	✓	✗	✗	✗	✗
Ant 4a	Config 4	✗	✓	✗	✗	✗	✓	✗	✗	✗
Ant 4a	Config 5	✗	✗	✓	✓	✗	✗	✗	✗	✗
Ant 4a	Config 6	✗	✗	✓	✗	✓	✗	✗	✗	✗
Ant 4a	Config 7	✗	✗	✓	✗	✗	✓	✗	✗	✗
Ant 2a	Config 8	✓	✗	✗	✗	✓	✗	✗	✗	✗
Ant 2a	Config 9	✓	✗	✗	✗	✗	✓	✗	✗	✗
Ant 2a	Config 10	✗	✓	✗	✗	✓	✗	✗	✗	✗
Ant 2a	Config 11	✗	✓	✗	✗	✗	✓	✗	✗	✗
Ant 2a	Config 12	✗	✗	✓	✓	✗	✗	✗	✗	✗
Ant 2a	Config 13	✗	✗	✓	✗	✓	✗	✗	✗	✗
Ant 2a	Config 14	✗	✗	✓	✗	✗	✓	✗	✗	✗

Table 2-7. Simultaneous Transmission Configurations

✓ = Support; ✗ = Not Support

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 9 of 374

Note:

All the above simultaneous transmission configurations have been tested and the worst-case configuration was found to be Config 1 and reported in RF Bluetooth and RF UNII 5GHz OFDM test reports.

2.3 Antenna Description

Following antenna gains provided by manufacturer were used for the testing.

Frequency [GHz]	Antenna Gain (dBi)		
	Antenna WF5B	Antenna 4a	Antenna 2a
5.150 – 5.250	3.4	-0.9	-1.1
5.250 – 5.350	3.3	-0.4	0.2
5.470 – 5.725	2.1	-0.1	0.7
5.725 – 5.850	0.6	0.1	0.1

Table 2-8. Highest Antenna Gain

2.4 Test Support Equipment

1	Apple MacBook Pro w/AC/DC Adapter	Model: Model:	A2141 A2166	S/N: S/N:	C02H604EQ05D C4H042705ZNPM0WA6
2	Apple USB-C Cable	Model:	Spartan	S/N:	GXK1336018XKTR024
3	USB-C Cable w/ AC Adapter	Model: Model:	A2795 A2305	S/N: S/N:	DWH80115BK826GV19 C4H95160004PF4F4V
4	Apple Pencil	Model:	A2538	S/N:	KJ26TCFXJW
5	DC Power Supply	Model:	KPS3010D	S/N:	N/A

Table 2-9. Test Support Equipment List

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 10 of 374

2.5 Test Configuration

The EUT was tested per the guidance of ANSI C63.10-2020 and KDB 789033 D02 v02r01. ANSI C63.10-2020 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing. See Sections 3.2 for AC line conducted emissions test setups, 3.3 for radiated emissions test setups, and 7.2, 7.3, 7.4, and 7.5 for antenna port conducted emissions test setups.

There are two vendors of the WiFi/Bluetooth radio modules, variant 1 and variant 2. Both radio modules have the same mechanical outline, same on-board antenna matching circuit, identical antenna structure, and are built and tested to conform to the same specifications and to operate within the same tolerances. The worst case configuration was found between the two variants. The EUT was also investigated with and without charger.

For emissions from 1GHz – 18GHz, low, mid, and high channels were tested with highest power and worst case configuration. The emissions below 1GHz and above 18GHz were tested with the highest transmitting power and the worst case channel were reported.

The EUT was manipulated through three orthogonal planes of X-orientation (flatbed), Y-orientation (landscape), and Z-orientation (portrait) during the testing. Only the worst case emissions were reported in this test report.

For AC line conducted and radiated test below 1GHz, following configuration were investigated and EUT powered by AC/DC was the worst case.

- EUT powered by AC/DC adaptor via USB-C cable with wire charger
- EUT powered by host PC via USB-C cable with wire charger

802.11be-mode test data provided in this report covers 802.11ax as target powers are identical.

802.11be-RU HE20/40/80 2TX CDD/SDM mode test data provided in this report covers 802.11ax-RU HE20/40/80 2TX STBC mode.

For 802.11a/n/ac/ax-SU test results, see separate UNII report, 1C2504170039-22-R1.BCG.

2.6 Software and Firmware

The test was conducted with firmware version 23A256 installed on the EUT.

2.7 EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 11 of 374

V 11.0 5/2025

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3.0 DESCRIPTION OF TESTS

3.1 Evaluation Procedure

The measurement procedures described in the American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices (ANSI C63.10-2020) and the guidance provided in KDB 789033 D02 v02r01 were used in the measurement of the EUT.

Deviation from measurement procedure.....None

3.2 AC Line Conducted Emissions

The line-conducted facility is located inside a 7m x 3.66m x 2.7m shielded enclosure. The shielded enclosure is manufactured by AP Americas. The shielding effectiveness of the shielded room is in accordance with MIL-Std-285 or NSA 65-6. A 1m x 1.5m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, 50Ω/50μH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. The external power line filter is EPCOS 2X60A Power Line Filter (100dB Attenuation, 14kHz-18GHz) and the two EPCOs 2X48A filters (100dB Minimum Insertion Loss, 14kHz - 10GHz). These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.

The EUT is powered from one LISN and the support equipment is powered from the second LISN. If the EUT is a DC-powered device, power will be derived from the source power supply it normally will be powered from and this supply line(s) will be connected to the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference ground plane. Power cables for support equipment were routed down to the second LISN while ensuring that that cables were not draped over the second LISN.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the spectrum analyzer and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The spectrum was scanned from 150kHz to 30MHz with a spectrum analyzer. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 10kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Once the worst case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions is used for final measurements on the same test site. The analyzer is set to CISPR quasi-peak and average detectors with a 9kHz resolution bandwidth for final measurements.

Line conducted emissions test results are shown in Section 7.8. Automated test software was used to perform the AC line conducted emissions testing. Automated measurement software utilized is Rohde & Schwarz EMC32, Version 10.50.40.

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 12 of 374

V 11.0 5/2025

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3.3 Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. The test site inside the chamber is a 6m x 5.2m elliptical, obstruction-free area in accordance with Figure 5.7 of Clause 5 in ANSI C63.4-2014. Absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections for measurements above 1GHz. An 80cm tall test table made of Styrodur is placed on top of the turn table. For measurements above 1GHz, an additional Styrodur pedestal is placed on top of the test table to bring the total table height to 1.5m.

Per KDB 414788 D01 v01r01, radiated emission test sites other than open-field test sites (e.g., shielded anechoic chambers), may be employed for emission measurements below 30MHz if characterized so that the measurements correspond to those obtained at an open-field test site. To determine test site equivalency, a reference sample transmitting at 149kHz was measured on an open field test site (asphalt with no ground plane) and then measured in the 3m semi-anechoic chamber. A calibrated 60cm loop antenna was used while the reference device was rotated through the X, Y and Z axis in order to capture the worst case level. A maximum deviation of 2.77dB at 149kHz was measured when comparing the 3 meter semi-anechoic chamber to the open field site.

For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive antenna height using a broadband antenna from 30MHz up to the upper frequency shown in 15.33 depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn antennas were used. For frequencies below 30MHz, a calibrated loop antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up was placed on top of the 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, mode of operation, turntable azimuth, and receive antenna height was noted for each frequency found.

Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through three orthogonal planes and changing the polarity of the receive antenna, whichever produced the worst-case emissions.

3.4 Environmental Conditions

The temperature is controlled within range of 15°C to 35°C. The relative humidity is controlled within range of 10% to 75%. The atmospheric pressure is monitored within the range 86-106kPa (860-1060mbar).

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 13 of 374

V 11.0 5/2025

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4.0 ANTENNA REQUIREMENTS

Excerpt from §15.203 of the FCC Rules/Regulations:

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.”

- The antennas of the EUT are **permanently attached**.
- There are no provisions for connection to an external antenna.

Conclusion:

The EUT complies with the requirement of §15.203.

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 14 of 374

V 11.0 5/2025

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5.0 MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.23-2012. All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95% level of confidence. The measurement uncertainty shown below meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Contribution	Expanded Uncertainty ($\pm$ dB)
Conducted Bench Top Measurements	2.07
Line Conducted Disturbance	1.91
Radiated Disturbance (<30MHz)	4.12
Radiated Disturbance (30MHz - 1GHz)	4.85
Radiated Disturbance (1 - 18GHz)	5.08
Radiated Disturbance (>18GHz)	5.22

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 15 of 374

V 11.0 5/2025

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6.0 TEST EQUIPMENT CALIBRATION DATA

Test Equipment Calibration is traceable to the National Institute of Standards and Technology (NIST). Measurements antennas used during testing were calibrated in accordance with the requirements of ANSI C63.5-2017.

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Anritsu	ML2496A	Power Meter	2/10/2025	Annual	2/10/2026	1306009
Anritsu	MA2411B	Pulse Power Sensor	2/10/2025	Annual	2/10/2026	1315051
Anritsu	MA2411B	Pulse Power Sensor	2/10/2025	Annual	2/10/2026	1339027
ATM	180-442-KF	20dB Nominal Gain Horn Antenna	3/24/2025	Annual	3/24/2026	T058601-02
ETS-Lindgren	3117	Double Ridged Guide Antenna (1-18 GHz)	9/25/2024	Annual	9/25/2025	00240109
Fairview Microwave/MCL	FMCA1975-36/BW-K10-2W44+	30MHz-40GHz RF Cable/Attenuator *	6/10/2025	Annual	6/10/2026	-
Keysight Technology	N9040B	UXA Signal Analyzer	9/5/2024	Annual	9/5/2025	MY61320121
Keysight Technology	N9030A	PXA Signal Analyzer	10/16/2024	Annual	10/16/2025	MY49430494
Rohde & Schwarz	TS-PR18	Pre-Amplifier (1GHz - 18GHz)	8/14/2024	Annual	8/14/2025	101648
Rohde & Schwarz	FSW43	Spectrum Analyzer 2Hz to 43GHz	11/21/2024	Annual	11/21/2025	104093
Rohde & Schwarz	ESW44	EMI Test Receiver	10/17/2024	Annual	10/17/2025	101668
Rohde & Schwarz	TS-PR8	Pre-Amplifier (30MHz - 8GHz)	9/20/2024	Annual	9/20/2025	102327
Rohde & Schwarz	TS-PR1840	Pre-Amplifier (18GHz - 40GHz)	6/3/2025	Annual	6/3/2026	100052
Rohde & Schwarz	HFH2-Z2	Loop Antenna	5/12/2025	Annual	5/12/2026	100546
Rohde & Schwarz	ENV216	Two-Line V-Network	4/24/2025	Annual	4/24/2026	101364
Schwarzbeck	VULB 9162	Bilog Antenna (30MHz - 6GHz)	9/18/2024	Annual	9/18/2025	00358

Table 6-1. Test Equipment List

Note:

1. For equipment listed above that has a calibration date or calibration due date that falls within the test date range, care was taken to ensure that this equipment was used after the calibration date and before the calibration due date.
2. * denotes passive equipment that have been internally verified/calibrated.

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 16 of 374

V 11.0 5/2025

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7.0 TEST RESULTS

7.1 Summary

Company Name: Apple Inc.
 FCC ID: BCGA3358
 IC: 579C-A3358
 FCC Classification: Unlicensed National Information Infrastructure (UNII)

FCC Part Section(s)	RSS Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
15.407	RSS-Gen [6.7]	26dB Bandwidth	N/A	CONDUCTED	N/A	Section 7.2
15.407(e)	RSS-Gen [6.7]	6dB Bandwidth	>500kHz(5725-5850MHz)		PASS	Section 7.3
2.1049	RSS-Gen [6.7]	Occupied Bandwidth	N/A		PASS	Section 7.2, Section 7.3
15.407 (a.1.iv), (a.2), (a.3)	RSS-247 [6.2]	Maximum Conducted Output Power	Maximum conducted powers must meet the limits detailed in 15.407 (a) (RSS-247 [6.2])		PASS	Section 7.4
15.407 (a.1.iv), (a.2), (a.3)	RSS-247 [6.2]	Maximum Power Spectral Density	Maximum power spectral density must meet the limits detailed in 15.407 (a) (RSS-247 [6.2])		PASS	Section 7.5
15.407(h)	RSS-247 [6.3]	Dynamic Frequency Selection	See DFS Test Report	RADIATED	PASS	See DFS Test Report (1C25041700 39-21.BCG)
15.407(b.1), (2), (3), (4)	RSS-247 [6.2]	Undesirable Emissions	Undesirable emissions must meet the limits detailed in 15.407(b) (RSS-247 [6.2])		PASS	Section 7.6
15.205, 15.407(b.1), (2), (3), (4)	RSS-Gen [8.9]	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Emissions in restricted bands must meet the radiated limits detailed in 15.209 (RSS-Gen [8.9])		PASS	Section 7.6, 7.7
15.207	RSS-Gen [8.8]	AC Conducted Emissions 150kHz – 30MHz	< FCC 15.207 (RSS-Gen [8.8]) limits	LINE CONDUCTED	PASS	Section 7.8

Table 7-1. Summary of Test Results

Notes:

- All channels, modes, and modulations/data rates were investigated among all UNII bands. The test results shown in the following sections represent the worst case emissions.
- The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables and attenuators.
- For conducted spurious emissions, automated test software was used to measure emissions and capture the corresponding plots necessary to show compliance. The measurement software utilized is Element "Conducted Automation," Version 1.4.0.
- For radiated testing, automated test software was used to measure emissions and capture the corresponding plots necessary to show compliance. The measurement software utilized is Element "Chamber Automation," Version 3.4.2.
- Per RSS-247 Section 6.2.3, transmission on channels which overlap the 5600-5650 MHz is prohibited. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.
- 802.11be OFDMA testing was performed for all signal tone configurations as specified by the 802.11be standard. Worst case results are determined and reported per the guidance provided at the October 2022 TCB Workshop.
- Only one RU index could be selected at a time so no contiguous or non-contiguous RU's were considered for testing.

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 17 of 374

V 11.0 5/2025

7.2 26dB & 99% Bandwidth Measurement

§2.1049; §15.407; RSS-Gen [6.7]

Test Overview and Limit

The bandwidth at 26dB down from the highest in-band spectral density is measured with a spectrum analyzer connected to the antenna terminal while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies. The spectrum analyzer's bandwidth measurement function is configured to measure the 26dB bandwidth.

The 26dB bandwidth is used to determine the conducted power limits.

Test Procedure Used

ANSI C63.10-2020 – Section 12.5.2

KDB 789033 D02 v02r01 – Section C

Test Settings

1. The signal analyzers' automatic bandwidth measurement capability was used to perform the 26dB bandwidth measurement. The "X" dB bandwidth parameter was set to $X = 26$. The automatic bandwidth measurement function also has the capability of simultaneously measuring the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = in the range of 1% to 5% of the emission bandwidth
3. $VBW \geq 3 \times RBW$
4. Detector = Peak
5. Trace mode = max hold

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-1. Test Instrument & Measurement Setup

Test Notes

1. All antenna configs were investigated and only the worst case is reported.
2. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's were reported
3. Low, mid, and high channels were tested and tabular data has been reported. Only worst case channel bandwidth plots have been reported.

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 18 of 374

V 11.0 5/2025

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7.2.1 Antenna WF5B 26dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	be (20MHz)	26	4	MCS5	16.88	18.08
	5200	40	be (20MHz)	26	4	MCS5	16.86	18.05
	5240	48	be (20MHz)	26	4	MCS5	16.82	18.06
	5190	38	be (40MHz)	26	17	MCS5	18.20	19.95
	5230	46	be (40MHz)	26	0	MCS5	18.17	19.78
	5210	42	be (80MHz)	26	0	MCS5	18.32	20.29
Band 1/2A	5250	50	be (160MHz)	52	52	MCS5	18.08	20.61
Band 2A	5260	52	be (20MHz)	52	39	MCS5	16.99	18.42
	5280	60	be (20MHz)	52	39	MCS5	17.01	18.55
	5320	64	be (20MHz)	52	39	MCS5	16.95	18.52
	5270	54	be (40MHz)	52	44	MCS5	18.00	20.02
	5310	62	be (40MHz)	52	44	MCS5	17.92	19.92
	5290	58	be (80MHz)	52	52	MCS5	18.10	20.37
Band 2C	5500	100	be (20MHz)	52	39	MCS5	16.91	18.40
	5580	116	be (20MHz)	52	39	MCS5	16.94	18.54
	5720	144	be (20MHz)	52	39	MCS5	16.94	18.43
	5510	102	be (40MHz)	52	40	MCS5	18.51	20.16
	5550	110	be (40MHz)	52	44	MCS5	17.97	19.81
	*5590	118	be (40MHz)	52	44	MCS5	17.98	19.96
	5670	134	be (40MHz)	52	44	MCS5	17.89	20.06
	5710	142	be (40MHz)	52	44	MCS5	17.99	20.25
	5530	106	be (80MHz)	52	44	MCS5	18.05	19.89
	*5610	122	be (80MHz)	52	44	MCS5	18.04	20.21
	5690	138	be (80MHz)	52	52	MCS5	18.18	20.69
	*5570	114	be (160MHz)	52	52	MCS5	18.12	20.59

Table 7-2. Conducted BW Measurements Antenna WF5B (RU26)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 19 of 374

V 11.0 5/2025

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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	be (20MHz)	52+26	72	MCS5	16.97	18.68
	5200	40	be (20MHz)	52+26	71	MCS5	16.93	18.52
	5240	48	be (20MHz)	52+26	71	MCS5	16.92	18.72
	5180	36	be (20MHz)	106+26	83	MCS5	17.98	20.77
	5200	40	be (20MHz)	106+26	83	MCS5	18.01	20.70
	5240	48	be (20MHz)	106+26	83	MCS5	17.99	20.77
	5210	42	be (80MHz)	484+242	93	MCS5	58.47	62.97
Band 1/2A	5250	50 (L)	be (160MHz)	996+484	94	MCS5	117.19	123.74
	5250	50 (L)	be (160MHz)	996+484+242	97	MCS5	156.90	164.17
	5250	50 (U)	be (160MHz)	996+484	95	MCS5	116.97	124.14
	5250	50 (U)	be (160MHz)	996+484+242	99	MCS5	137.30	144.69
Band 2A	5260	52	be (20MHz)	52+26	71	MCS5	16.95	18.90
	5280	60	be (20MHz)	52+26	71	MCS5	16.98	18.87
	5320	64	be (20MHz)	52+26	71	MCS5	16.98	18.72
	5260	52	be (20MHz)	106+26	83	MCS5	18.08	20.67
	5280	60	be (20MHz)	106+26	83	MCS5	18.05	20.57
	5320	64	be (20MHz)	106+26	83	MCS5	18.03	20.49
	5290	58	be (80MHz)	484+242	93	MCS5	58.48	62.70
Band 2C	5500	100	be (20MHz)	52+26	72	MCS5	17.00	18.88
	5580	116	be (20MHz)	52+26	71	MCS5	16.96	18.91
	5720	144	be (20MHz)	52+26	71	MCS5	16.91	18.88
	5500	100	be (20MHz)	106+26	83	MCS5	18.05	20.62
	5580	116	be (20MHz)	106+26	83	MCS5	18.04	20.66
	5720	144	be (20MHz)	106+26	83	MCS5	18.04	20.60
	5530	106	be (80MHz)	484+242	93	MCS5	58.47	62.92
	*5610	122	be (80MHz)	484+242	90	MCS5	58.58	62.74
	5690	138	be (80MHz)	484+242	90	MCS5	58.51	63.04
	*5570	114 (L)	be (160MHz)	996+484	94	MCS5	117.22	124.05
	*5570	114 (H)	be (160MHz)	996+484+242	99	MCS5	137.35	144.91
	*5570	114 (L)	be (160MHz)	996+484	94	MCS5	117.22	124.05
	*5570	114 (H)	be (160MHz)	996+484+242	99	MCS5	137.35	144.91

Table 7-3. Conducted BW Measurements Antenna WF5B (MRU)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 20 of 374

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	be (20MHz)	242	61	MCS5	19.03	22.42
	5200	40	be (20MHz)	242	61	MCS5	19.05	22.38
	5240	48	be (20MHz)	242	61	MCS5	19.05	22.34
	5190	38	be (40MHz)	484	65	MCS5	38.02	43.76
	5230	46	be (40MHz)	484	65	MCS5	38.07	43.68
	5210	42	be (80MHz)	996	67	MCS5	77.44	82.26
Band 1/2A	5250	50	be (160MHz)	996x2	68	MCS5	156.37	175.06
Band 2A	5260	52	be (20MHz)	242	61	MCS5	19.03	22.73
	5280	60	be (20MHz)	242	61	MCS5	19.09	22.59
	5320	64	be (20MHz)	242	61	MCS5	19.01	22.47
	5270	54	be (40MHz)	484	65	MCS5	38.02	44.10
	5310	62	be (40MHz)	484	65	MCS5	38.03	43.70
	5290	58	be (80MHz)	996	67	MCS5	77.49	82.37
Band 2C	5500	100	be (20MHz)	242	61	MCS5	19.05	22.15
	5580	116	be (20MHz)	242	61	MCS5	19.03	22.71
	5720	144	be (20MHz)	242	61	MCS5	19.05	21.72
	5510	102	be (40MHz)	484	65	MCS5	38.02	43.79
	5550	110	be (40MHz)	484	65	MCS5	38.05	43.29
	*5590	118	be (40MHz)	484	65	MCS5	38.08	44.06
	5670	134	be (40MHz)	484	65	MCS5	38.00	43.45
	5710	142	be (40MHz)	484	65	MCS5	38.04	44.23
	5530	106	be (80MHz)	996	67	MCS5	77.53	82.43
	*5610	122	be (80MHz)	996	67	MCS5	77.53	82.18
	5690	138	be (80MHz)	996	67	MCS5	77.68	82.44
	*5570	114	be (160MHz)	996x2	68	MCS5	156.51	173.07

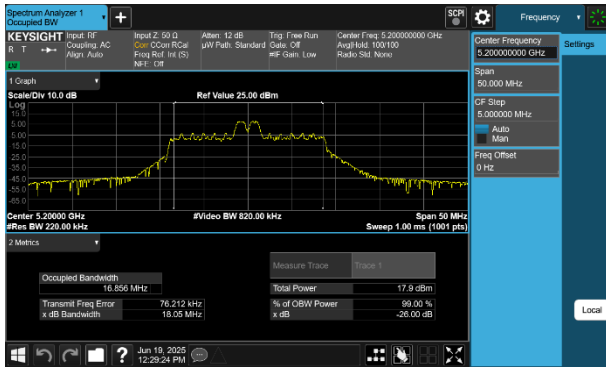
Table 7-4. Conducted BW Measurements Antenna WF5B (Fully – loaded RU)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

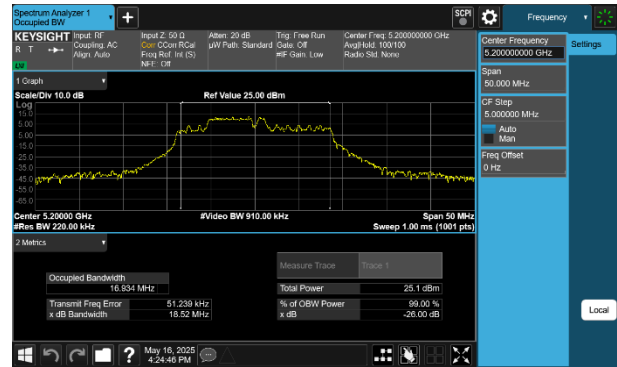
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 21 of 374

V 11.0 5/2025

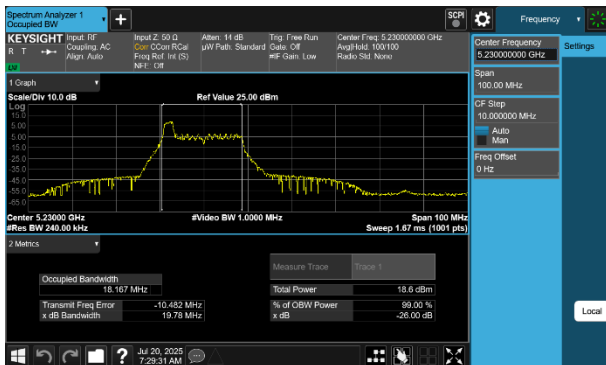
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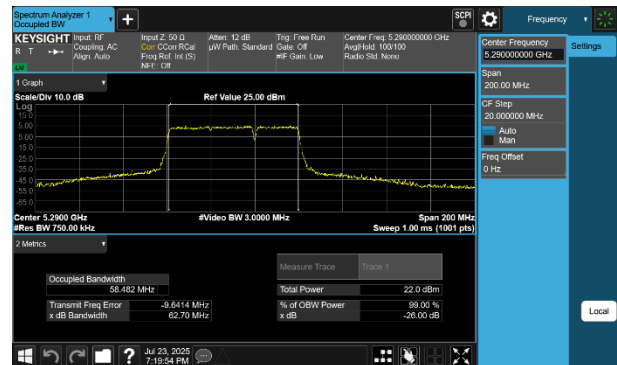
Plot 7-1 26dB BW & 99% OBW Antenna WF5B (20MHz BW 802.11be(RU) RU26 Index4 - Ch.40)



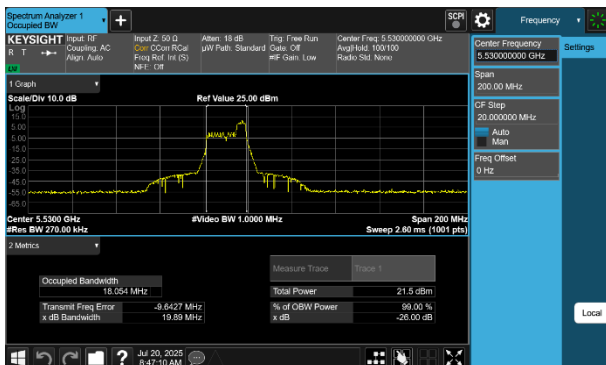
Plot 7-5 26dB BW & 99% OBW Antenna WF5B (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.40)



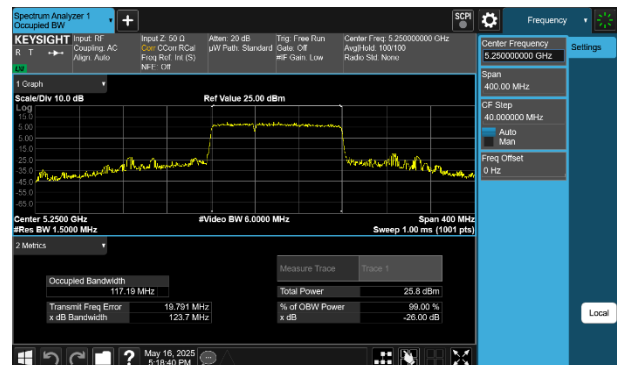
Plot 7-2 26dB BW & 99% OBW Antenna WF5B (40MHz BW 802.11be(RU) RU26 Index0 - Ch.46)



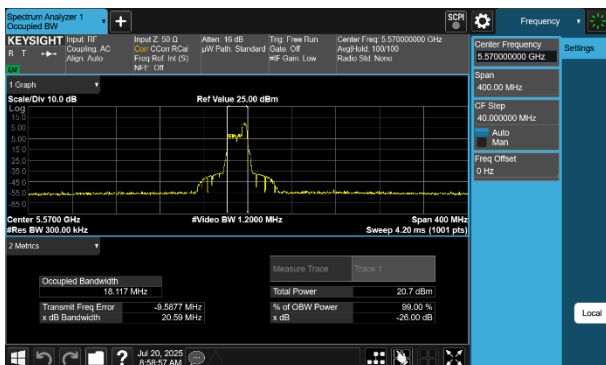
Plot 7-6 26dB BW & 99% OBW Antenna WF5B (80MHz BW 802.11be(RU) RU484+242 Index93 - Ch.58)



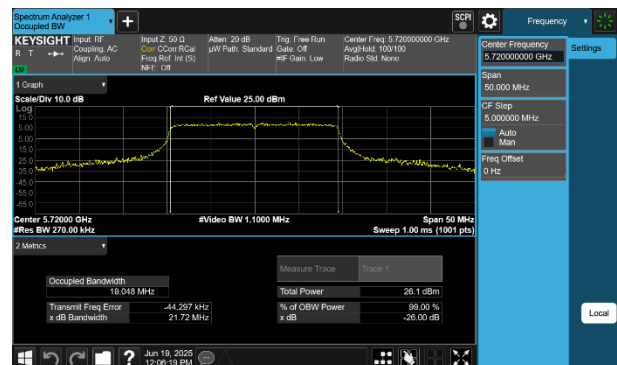
Plot 7-3 26dB BW & 99% OBW Antenna WF5B (80MHz BW 802.11be(RU) RU52 Index44 - Ch.106)



Plot 7-7 26dB BW & 99% OBW Antenna WF5B (160MHz BW 802.11be(RU) RU996+484 Index94 - Ch.50)

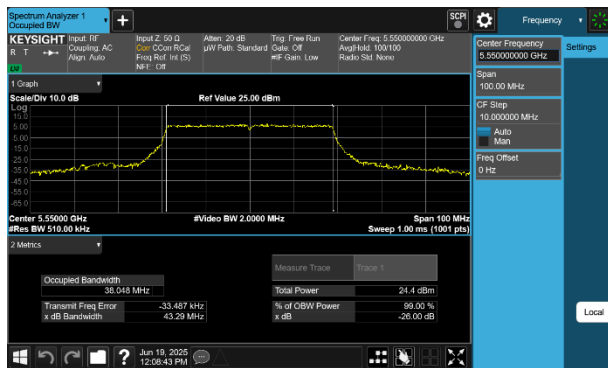


Plot 7-4 26dB BW & 99% OBW Antenna WF5B (160MHz BW 802.11be(RU) RU52 Index52 - Ch.114)

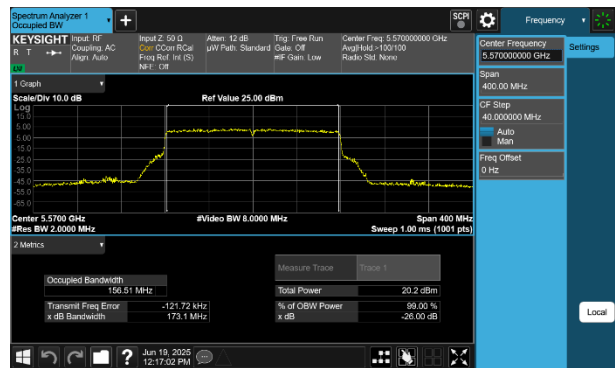


Plot 7-8 26dB BW & 99% OBW Antenna WF5B (20MHz BW 802.11be(RU) RU242 Index61 - Ch.144)

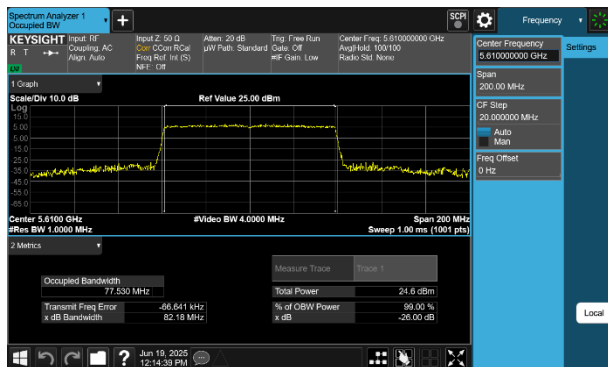
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 22 of 374



Plot 7-9 26dB BW & 99% OBW Antenna WF5B (40MHz BW 802.11be(RU) RU484 Index65 - Ch.110)



Plot 7-11 26dB BW & 99% OBW Antenna WF5B (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.114)



Plot 7-10 26dB BW & 99% OBW Antenna WF5B (80MHz BW 802.11be(RU) RU996 Index67 - Ch.122)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 23 of 374

7.2.2 Antenna 4a 26dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	be (20MHz)	26	4	MCS5	16.87	18.06
	5200	40	be (20MHz)	26	4	MCS5	16.90	18.08
	5240	48	be (20MHz)	26	4	MCS5	16.85	18.07
	5190	38	be (40MHz)	26	17	MCS5	18.27	20.06
	5230	46	be (40MHz)	26	17	MCS5	18.16	19.76
	5210	42	be (80MHz)	26	36	MCS5	18.37	20.20
Band 1/2A	5250	50	be (160MHz)	52	37	MCS5	18.40	20.71
Band 2A	5260	52	be (20MHz)	52	39	MCS5	16.96	18.21
	5280	60	be (20MHz)	52	39	MCS5	16.92	18.37
	5320	64	be (20MHz)	52	39	MCS5	16.95	18.07
	5270	54	be (40MHz)	52	44	MCS5	17.96	20.03
	5310	62	be (40MHz)	52	37	MCS5	18.01	20.38
	5290	58	be (80MHz)	52	52	MCS5	18.11	20.40
Band 2C	5500	100	be (20MHz)	52	39	MCS5	16.94	18.45
	5580	116	be (20MHz)	52	39	MCS5	16.97	18.19
	5720	144	be (20MHz)	52	39	MCS5	17.01	18.53
	5510	102	be (40MHz)	52	44	MCS5	17.95	20.10
	5550	110	be (40MHz)	52	44	MCS5	18.01	20.22
	*5590	118	be (40MHz)	52	44	MCS5	18.01	20.03
	5670	134	be (40MHz)	52	37	MCS5	17.95	20.41
	5710	142	be (40MHz)	52	37	MCS5	17.94	20.41
	5530	106	be (80MHz)	52	44	MCS5	18.04	20.28
	*5610	122	be (80MHz)	52	44	MCS5	18.12	20.39
	5690	138	be (80MHz)	52	52	MCS5	18.12	20.17
	*5570	114	be (160MHz)	52	52	MCS5	18.08	20.46

Table 7-5. Conducted BW Measurements Antenna 4a (RU26)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 24 of 374

V 11.0 5/2025

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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	be (20MHz)	52+26	72	MCS5	17.00	18.76
	5200	40	be (20MHz)	52+26	71	MCS5	16.96	18.98
	5240	48	be (20MHz)	52+26	72	MCS5	16.91	18.56
	5180	36	be (20MHz)	106+26	83	MCS5	18.09	20.66
	5200	40	be (20MHz)	106+26	83	MCS5	18.06	20.84
	5240	48	be (20MHz)	106+26	83	MCS5	18.09	20.94
	5210	42	be (80MHz)	484+242	93	MCS5	58.56	62.98
Band 1/2A	5250	50 (L)	be (160MHz)	996+484	94	MCS5	117.37	125.22
	5250	50 (L)	be (160MHz)	996+484+242	97	MCS5	156.79	164.27
	5250	50 (U)	be (160MHz)	996+484	95	MCS5	117.13	124.42
	5250	50 (U)	be (160MHz)	996+484+242	99	MCS5	137.44	144.73
Band 2A	5260	52	be (20MHz)	52+26	71	MCS5	16.97	18.88
	5280	60	be (20MHz)	52+26	72	MCS5	16.98	18.96
	5320	64	be (20MHz)	52+26	72	MCS5	17.01	18.98
	5260	52	be (20MHz)	106+26	83	MCS5	18.06	20.55
	5280	60	be (20MHz)	106+26	83	MCS5	18.02	20.58
	5320	64	be (20MHz)	106+26	83	MCS5	18.05	20.37
	5290	58	be (80MHz)	484+242	93	MCS5	58.48	62.90
Band 2C	5500	100	be (20MHz)	52+26	71	MCS5	16.93	18.93
	5580	116	be (20MHz)	52+26	72	MCS5	16.99	18.75
	5720	144	be (20MHz)	52+26	71	MCS5	16.99	18.79
	5500	100	be (20MHz)	106+26	83	MCS5	18.10	20.69
	5580	116	be (20MHz)	106+26	83	MCS5	18.12	21.03
	5720	144	be (20MHz)	106+26	83	MCS5	18.08	20.45
	5530	106	be (80MHz)	484+242	90	MCS5	58.51	63.00
	*5610	122	be (80MHz)	484+242	90	MCS5	58.50	62.92
	5690	138	be (80MHz)	484+242	90	MCS5	58.56	63.41
	*5570	114 (L)	be (160MHz)	996+484	94	MCS5	117.08	124.42
	*5570	114 (H)	be (160MHz)	996+484+242	99	MCS5	137.63	144.71
	*5570	114 (L)	be (160MHz)	996+484	94	MCS5	117.08	124.42
	*5570	114 (H)	be (160MHz)	996+484+242	99	MCS5	137.63	144.71

Table 7-6. Conducted BW Measurements Antenna 4a (MRU)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 25 of 374

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	be (20MHz)	242	61	MCS5	19.04	22.36
	5200	40	be (20MHz)	242	61	MCS5	19.04	23.09
	5240	48	be (20MHz)	242	61	MCS5	19.09	22.81
	5190	38	be (40MHz)	484	65	MCS5	38.00	44.28
	5230	46	be (40MHz)	484	65	MCS5	38.10	44.39
	5210	42	be (80MHz)	996	67	MCS5	77.50	82.16
Band 1/2A	5250	50	be (160MHz)	996x2	68	MCS5	156.51	174.08
Band 2A	5260	52	be (20MHz)	242	61	MCS5	19.09	22.65
	5280	60	be (20MHz)	242	61	MCS5	19.04	22.77
	5320	64	be (20MHz)	242	61	MCS5	19.00	22.89
	5270	54	be (40MHz)	484	65	MCS5	38.07	44.64
	5310	62	be (40MHz)	484	65	MCS5	37.98	43.46
	5290	58	be (80MHz)	996	67	MCS5	77.54	82.36
Band 2C	5500	100	be (20MHz)	242	61	MCS5	19.01	22.22
	5580	116	be (20MHz)	242	61	MCS5	19.05	22.59
	5720	144	be (20MHz)	242	61	MCS5	19.07	22.29
	5510	102	be (40MHz)	484	65	MCS5	38.00	43.72
	5550	110	be (40MHz)	484	65	MCS5	38.05	43.94
	*5590	118	be (40MHz)	484	65	MCS5	38.07	44.28
	5670	134	be (40MHz)	484	65	MCS5	38.08	44.27
	5710	142	be (40MHz)	484	65	MCS5	38.08	43.91
	5530	106	be (80MHz)	996	67	MCS5	77.53	82.33
	*5610	122	be (80MHz)	996	67	MCS5	77.63	82.56
	5690	138	be (80MHz)	996	67	MCS5	77.63	82.75
	*5570	114	be (160MHz)	996x2	68	MCS5	156.46	175.93

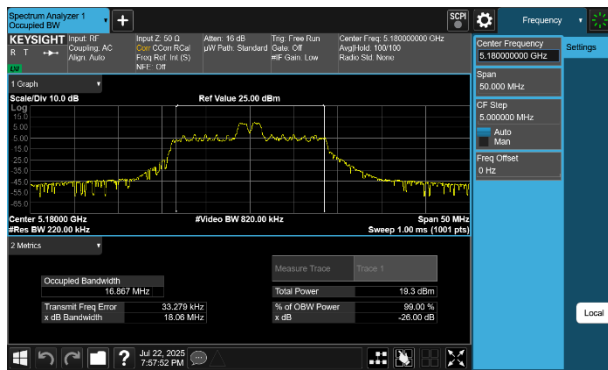
Table 7-7. Conducted BW Measurements Antenna 4a (Fully – loaded RU)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

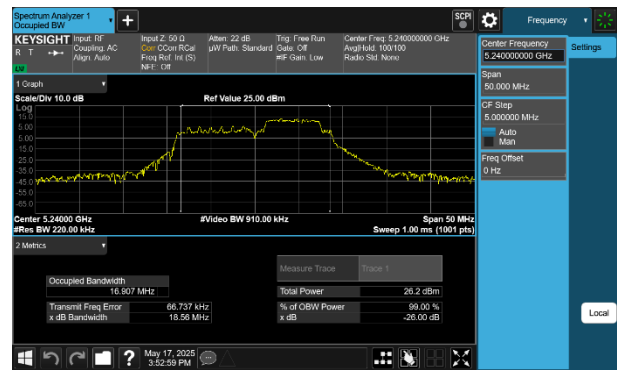
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 26 of 374

V 11.0 5/2025

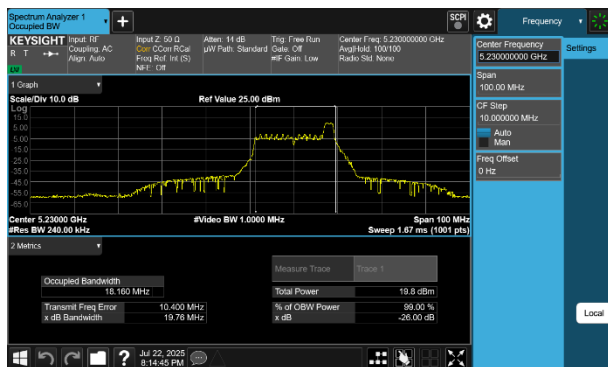
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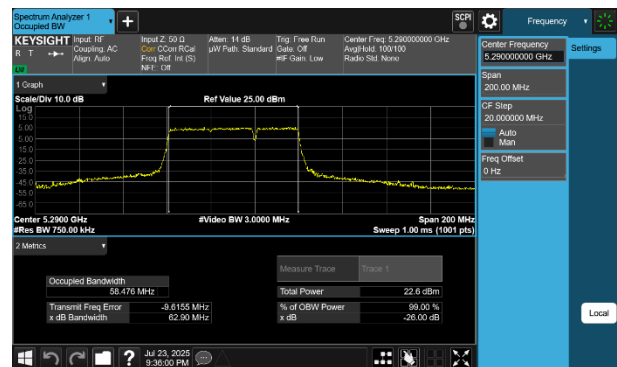
Plot 7-12 26dB BW & 99% OBW Antenna 4a (20MHz BW 802.11be(RU) RU26 Index4 - Ch.36)



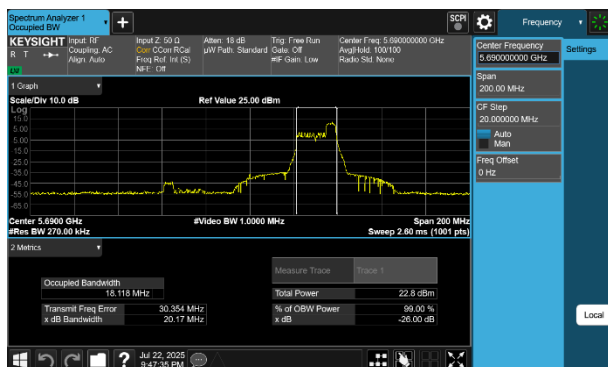
Plot 7-16 26dB BW & 99% OBW Antenna 4a (20MHz BW 802.11be(RU) RU52+26 Index72 - Ch.48)



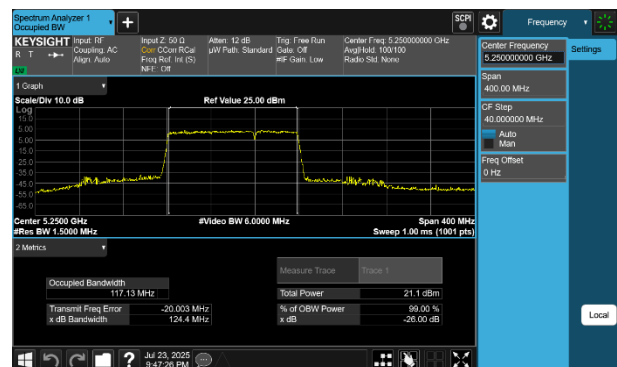
Plot 7-13 26dB BW & 99% OBW Antenna 4a (40MHz BW 802.11be(RU) RU26 Index17 - Ch.46)



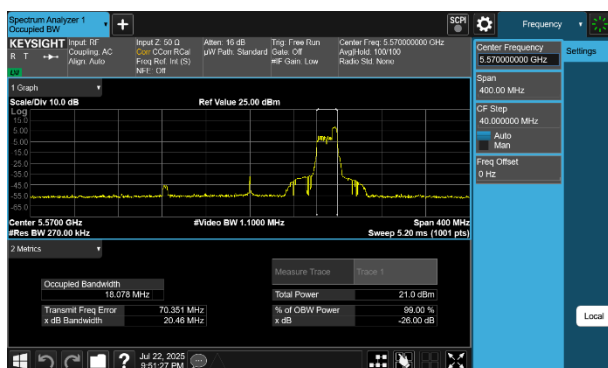
Plot 7-17 26dB BW & 99% OBW Antenna 4a (80MHz BW 802.11be(RU) RU484+242 Index93 - Ch.58)



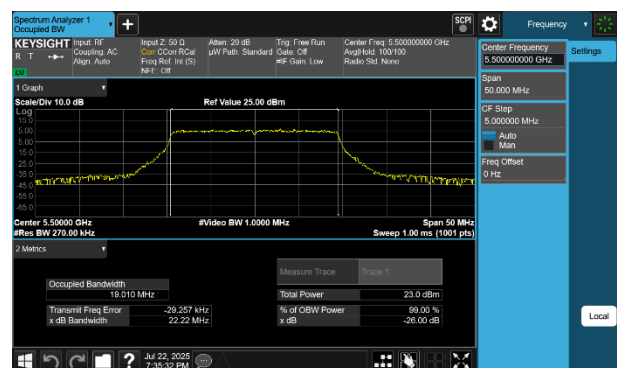
Plot 7-14 26dB BW & 99% OBW Antenna 4a (80MHz BW 802.11be(RU) RU52 Index52 - Ch.138)



Plot 7-18 26dB BW & 99% OBW Antenna 4a (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)



Plot 7-15 26dB BW & 99% OBW Antenna 4a (160MHz BW 802.11be(RU) RU52 Index52 - Ch.114)



Plot 7-19 26dB BW & 99% OBW Antenna 4a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.100)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 27 of 374

[illegible]

Spectrum Analyzer 1
Occupied BW

Center Freq: 5.21000000 MHz
Span: 200.00 MHz
CF Step: 20.000000 MHz
Main
Freq Offset: 0 Hz

Ref Value 25.00 dBm

Center 5.2100 MHz
#Video BW 4.0000 MHz
Span 200 MHz
Sweep 1.00 ms (1001 pts)

Occupied Bandwidth
77.502 MHz

Total Power
22.0 dBm

Transmit Freq Error
-67.352 kHz

dB Bandwidth
82.16 MHz

Measure Trace
Trace 1

% of CBW Power
99.00 %

x dB
-26.00 dB

Local

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 28 of 374

7.2.3 Antenna 2a 26dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	be (20MHz)	26	4	MCS5	16.86	18.05
	5200	40	be (20MHz)	26	4	MCS5	16.83	18.04
	5240	48	be (20MHz)	26	4	MCS5	16.80	18.12
	5190	38	be (40MHz)	26	17	MCS5	18.14	19.97
	5230	46	be (40MHz)	26	17	MCS5	18.18	19.83
	5210	42	be (80MHz)	26	0	MCS5	18.29	20.08
Band 1/2A	5250	50	be (160MHz)	52	52	MCS5	18.13	20.80
Band 2A	5260	52	be (20MHz)	52	39	MCS5	16.97	18.55
	5280	60	be (20MHz)	52	39	MCS5	16.96	18.29
	5320	64	be (20MHz)	52	39	MCS5	16.95	18.44
	5270	54	be (40MHz)	52	44	MCS5	17.97	20.18
	5310	62	be (40MHz)	52	44	MCS5	17.92	19.62
	5290	58	be (80MHz)	52	44	MCS5	18.02	20.06
Band 2C	5500	100	be (20MHz)	52	39	MCS5	16.95	18.35
	5580	116	be (20MHz)	52	39	MCS5	16.98	18.37
	5720	144	be (20MHz)	52	39	MCS5	16.93	18.41
	5510	102	be (40MHz)	52	44	MCS5	18.01	19.83
	5550	110	be (40MHz)	52	44	MCS5	17.93	20.48
	*5590	118	be (40MHz)	52	37	MCS5	17.97	20.45
	5670	134	be (40MHz)	52	44	MCS5	17.95	19.87
	5710	142	be (40MHz)	52	44	MCS5	17.96	20.27
	5530	106	be (80MHz)	52	52	MCS5	18.14	20.16
	*5610	122	be (80MHz)	52	44	MCS5	18.06	20.01
	5690	138	be (80MHz)	52	44	MCS5	18.01	20.38
	*5570	114	be (160MHz)	52	52	MCS5	18.05	20.59

Table 7-8. Conducted BW Measurements Antenna 2a (RU26)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 29 of 374

V 11.0 5/2025

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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	be (20MHz)	52+26	71	MCS5	16.96	18.62
	5200	40	be (20MHz)	52+26	71	MCS5	16.97	18.99
	5240	48	be (20MHz)	52+26	71	MCS5	16.98	19.07
	5180	36	be (20MHz)	106+26	83	MCS5	18.04	20.68
	5200	40	be (20MHz)	106+26	83	MCS5	17.91	20.50
	5240	48	be (20MHz)	106+26	83	MCS5	17.99	20.59
	5210	42	be (80MHz)	484+242	93	MCS5	58.46	62.64
Band 1/2A	5250	50 (L)	be (160MHz)	996+484	94	MCS5	117.44	124.07
	5250	50 (L)	be (160MHz)	996+484+242	96	MCS5	137.79	145.52
	5250	50 (U)	be (160MHz)	996+484	95	MCS5	117.00	124.14
	5250	50 (U)	be (160MHz)	996+484+242	99	MCS5	137.35	144.42
Band 2A	5260	52	be (20MHz)	52+26	71	MCS5	17.00	18.76
	5280	60	be (20MHz)	52+26	72	MCS5	17.04	18.91
	5320	64	be (20MHz)	52+26	72	MCS5	16.95	19.04
	5260	52	be (20MHz)	106+26	83	MCS5	18.07	20.66
	5280	60	be (20MHz)	106+26	83	MCS5	18.08	20.65
	5320	64	be (20MHz)	106+26	83	MCS5	18.08	20.93
	5290	58	be (80MHz)	484+242	93	MCS5	58.51	62.88
Band 2C	5500	100	be (20MHz)	52+26	71	MCS5	17.00	18.95
	5580	116	be (20MHz)	52+26	72	MCS5	16.99	18.64
	5720	144	be (20MHz)	52+26	71	MCS5	16.96	18.85
	5500	100	be (20MHz)	106+26	83	MCS5	18.03	20.71
	5580	116	be (20MHz)	106+26	83	MCS5	18.08	20.51
	5720	144	be (20MHz)	106+26	83	MCS5	18.05	20.47
	5530	106	be (80MHz)	484+242	93	MCS5	58.45	62.82
	*5610	122	be (80MHz)	484+242	93	MCS5	58.50	62.96
	5690	138	be (80MHz)	484+242	90	MCS5	58.52	62.82
	*5570	114 (L)	be (160MHz)	996+484	94	MCS5	117.33	124.11
	*5570	114 (H)	be (160MHz)	996+484+242	99	MCS5	137.34	145.48
	*5570	114 (L)	be (160MHz)	996+484	94	MCS5	117.33	124.11
	*5570	114 (H)	be (160MHz)	996+484+242	99	MCS5	137.34	145.48

Table 7-9. Conducted BW Measurements Antenna 2a (MRU)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 30 of 374

V 11.0 5/2025

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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	be (20MHz)	242	61	MCS5	19.05	22.13
	5200	40	be (20MHz)	242	61	MCS5	19.06	22.80
	5240	48	be (20MHz)	242	61	MCS5	19.08	22.37
	5190	38	be (40MHz)	484	65	MCS5	38.05	44.43
	5230	46	be (40MHz)	484	65	MCS5	38.10	43.67
	5210	42	be (80MHz)	996	67	MCS5	77.49	82.50
Band 1/2A	5250	50	be (160MHz)	996x2	68	MCS5	156.61	177.10
Band 2A	5260	52	be (20MHz)	242	61	MCS5	19.07	22.56
	5280	60	be (20MHz)	242	61	MCS5	19.07	22.52
	5320	64	be (20MHz)	242	61	MCS5	19.00	22.60
	5270	54	be (40MHz)	484	65	MCS5	38.04	44.07
	5310	62	be (40MHz)	484	65	MCS5	38.02	44.14
	5290	58	be (80MHz)	996	67	MCS5	77.48	82.53
Band 2C	5500	100	be (20MHz)	242	61	MCS5	19.03	22.31
	5580	116	be (20MHz)	242	61	MCS5	19.03	22.66
	5720	144	be (20MHz)	242	61	MCS5	19.07	22.83
	5510	102	be (40MHz)	484	65	MCS5	38.00	43.50
	5550	110	be (40MHz)	484	65	MCS5	37.99	43.81
	*5590	118	be (40MHz)	484	65	MCS5	38.06	44.24
	5670	134	be (40MHz)	484	65	MCS5	38.13	44.44
	5710	142	be (40MHz)	484	65	MCS5	38.01	43.51
	5530	106	be (80MHz)	996	67	MCS5	77.52	82.36
	*5610	122	be (80MHz)	996	67	MCS5	77.51	82.47
	5690	138	be (80MHz)	996	67	MCS5	77.48	82.39
	*5570	114	be (160MHz)	996x2	68	MCS5	156.66	174.13

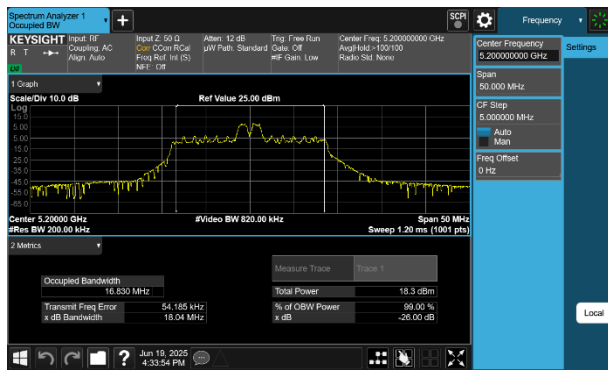
Table 7-10. Conducted BW Measurements Antenna 2a (Fully – loaded RU)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

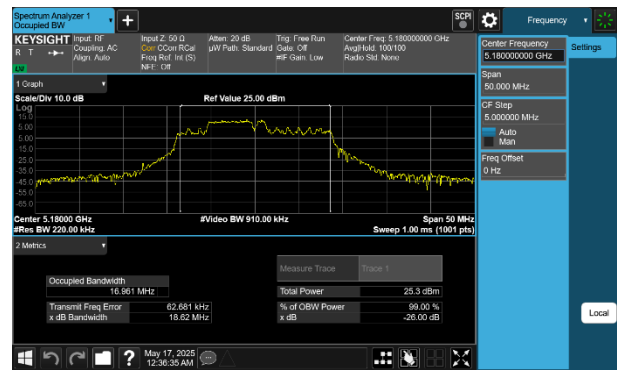
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 31 of 374

V 11.0 5/2025

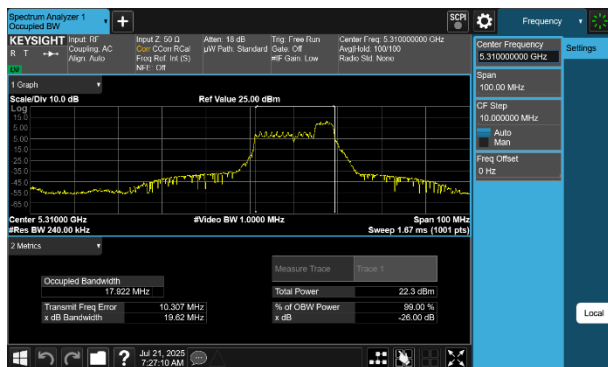
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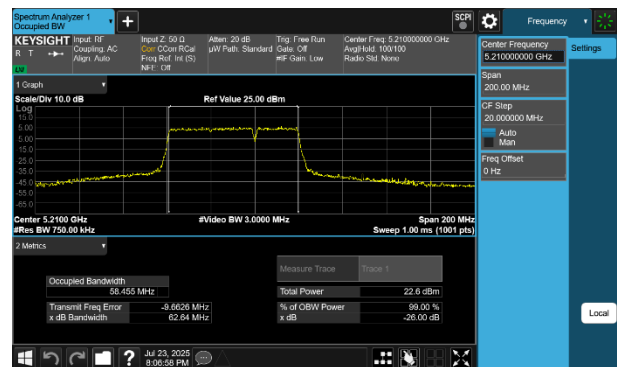
Plot 7-23 26dB BW & 99% OBW Antenna 2a (20MHz BW 802.11be(RU) RU26 Index4 - Ch.40)



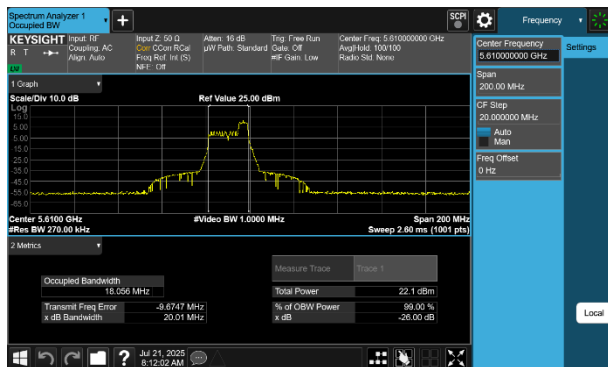
Plot 7-27 26dB BW & 99% OBW Antenna 2a (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.36)



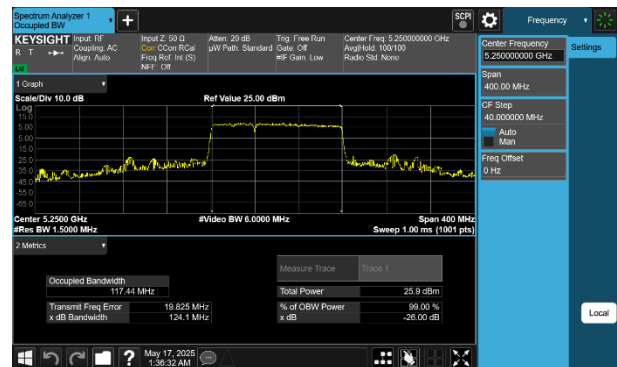
Plot 7-24 26dB BW & 99% OBW Antenna 2a (40MHz BW 802.11be(RU) RU52 Index44 - Ch.62)



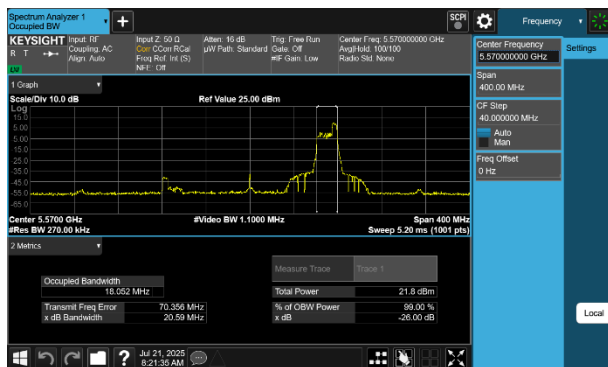
Plot 7-28 26dB BW & 99% OBW Antenna 2a (80MHz BW 802.11be(RU) RU484+242 Index93 - Ch.42)



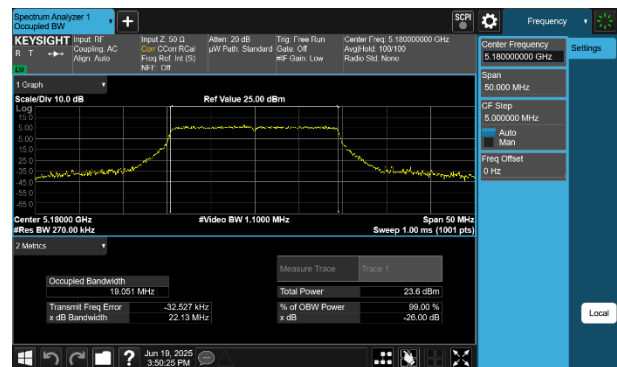
Plot 7-25 26dB BW & 99% OBW Antenna 2a (80MHz BW 802.11be(RU) RU52 Index44 - Ch.122)



Plot 7-29 26dB BW & 99% OBW Antenna 2a (160MHz BW 802.11be(RU) RU996+484 Index94 - Ch.50)



Plot 7-26 26dB BW & 99% OBW Antenna 2a (160MHz BW 802.11be(RU) RU52 Index52 - Ch.114)



Plot 7-30 26dB BW & 99% OBW Antenna 2a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.36)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 32 of 374

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input Ref: Coupling AC, R T →, Input 2: 50.0 dBm, Att: 12.48 dB, Trig: Free-Run, Gate: Off, Center Freq: 5.570000000 GHz, Appl Ref: 104110, Radio Sht: Nino

Center Frequency
5.570000000 GHz

Span
400.00 MHz

CF Step
40.000000 MHz

Sweep
Auto

Freq Offset
0 Hz

Graph
Y: 10.0 dB, X: 25.00 MHz, Ref Value: 25.00 dBm

Center 5.5700 GHz
#Video BW 8.0000 MHz

Span 400 MHz
Sweep 1.00 ms (1501 pts)

Metrics

Occupied Bandwidth		Measure Trace		Trace 1	
156.66 MHz		Total Power	20.1 dBm		
Transmit Freq Error	-104.26 kHz	% of CW Power	99.00 %		
x dB Bandwidth	174.1 kHz	x dB	-26.00 dB		

Local

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF
Coupling AC
Atten Att
Video BW

Input 2: 50.0 dBm
Cen Freq 5.530 GHz
Ref Level 13.0 dBm
Unit: dBm

Atten 12.0 dB
Cen Freq 5.530 GHz
Ref Level 13.0 dBm
Unit: dBm

Trig Free Run
Marker Off
Ref Span Low

Center Freq: 5.530000000 GHz
Amplitude: 104.110
Radio Set: Nano

Frequency
Center Frequency: 5.530000000 GHz
Span: 200.00 MHz
CF Step: 20.000000 MHz
Auto Main
Freq Offset: 0 Hz

1 Graph
Scale/Div: 10.0 dB
Ref Value: 25.00 dBm
#Video BW: 4.0000 MHz
Sweep: 1.00 ms (1001 pts)
Span: 200 MHz
Video BW: 1.0000 MHz

2 Metrics

Measure Trace		Trace 1	
Occupied Bandwidth	77.525 MHz	Total Power	21.6 dBm
Transmit Freq Error	-81.160 kHz	% of CBW Power	99.00 %
x dB Bandwidth	62.36 kHz	x dB	-26.00 dB

Local

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 33 of 374

7.3 6dB & 99% Bandwidth Measurement

§2.1049; §15.407 (e); RSS-Gen [6.7]

Test Overview and Limit

The bandwidth at 6dB down from the highest in-band spectral density is measured with a spectrum analyzer connected to the antenna terminal while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies. The spectrum analyzer's bandwidth measurement function is configured to measure the 6dB bandwidth.

In the 5.725 – 5.850GHz band, the 6dB bandwidth must be ≥ 500 kHz.

Test Procedure Used

ANSI C63.10-2020 – Section 12.5.1
KDB 789033 D02 v02r01 – Section C

Test Settings

1. The signal analyzers' automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to $X = 6$. The automatic bandwidth measurement function also has the capability of simultaneously measuring the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 100 kHz
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-2. Test Instrument & Measurement Setup

Test Notes

1. All antenna configurations were investigated and only the worst case is reported
2. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's were reported.
3. Low, mid, and high channels were tested and tabular data has been reported. Only worst case channel bandwidth plots have been reported.

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 34 of 374

V 11.0 5/2025

7.3.1 Antenna WF5B 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	be (20MHz)	26	8	MCS5	18.02	2.11	0.50	Pass
	5785	157	be (20MHz)	26	0	MCS5	18.16	2.08	0.50	Pass
	5825	165	be (20MHz)	26	8	MCS5	18.04	2.06	0.50	Pass
	5755	151	be (40MHz)	26	17	MCS5	17.88	2.13	0.50	Pass
	5795	159	be (40MHz)	26	17	MCS5	17.88	2.13	0.50	Pass
	5775	155	be (80MHz)	26	17	MCS5	17.85	2.28	0.50	Pass

Table 7-11. Conducted Bandwidth Measurements Antenna WF5B (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	be (20MHz)	52+26	71	MCS5	16.92	15.11	0.50	Pass
	5785	157	be (20MHz)	52+26	72	MCS5	16.92	15.11	0.50	Pass
	5825	165	be (20MHz)	52+26	71	MCS5	16.91	15.10	0.50	Pass
	5745	149	be (20MHz)	106+26	83	MCS5	17.93	17.12	0.50	Pass
	5785	157	be (20MHz)	106+26	83	MCS5	17.96	17.14	0.50	Pass
	5825	165	be (20MHz)	106+26	83	MCS5	17.95	17.15	0.50	Pass
	5775	155	be (80MHz)	484+242	93	MCS5	58.35	59.03	0.50	Pass

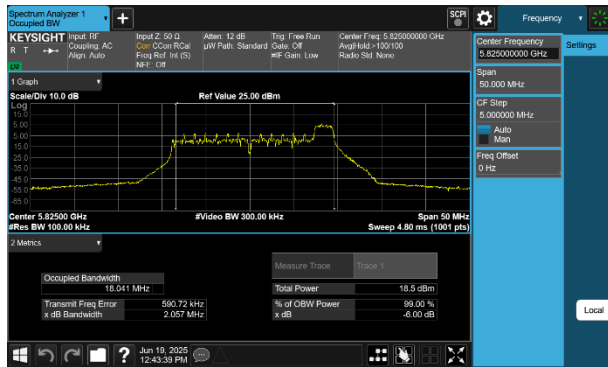
Table 7-12. Conducted Bandwidth Measurements Antenna WF5B (MRU)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	be (20MHz)	242	61	MCS5	18.94	19.08	0.50	Pass
	5785	157	be (20MHz)	242	61	MCS5	18.95	19.08	0.50	Pass
	5825	165	be (20MHz)	242	61	MCS5	18.96	19.11	0.50	Pass
	5755	151	be (40MHz)	484	65	MCS5	37.83	38.20	0.50	Pass
	5795	159	be (40MHz)	484	65	MCS5	37.87	38.22	0.50	Pass
	5775	155	be (80MHz)	996	67	MCS5	77.33	78.28	0.50	Pass

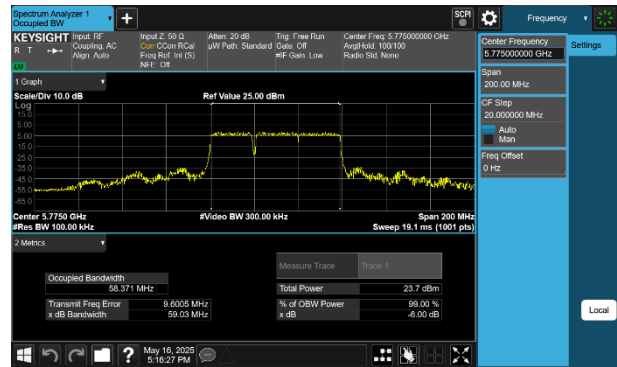
Table 7-13. Conducted Bandwidth Measurements Antenna WF5B (Fully- loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 35 of 374

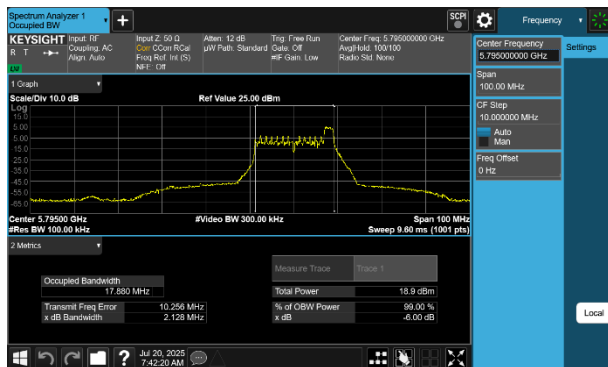
V 11.0 5/2025



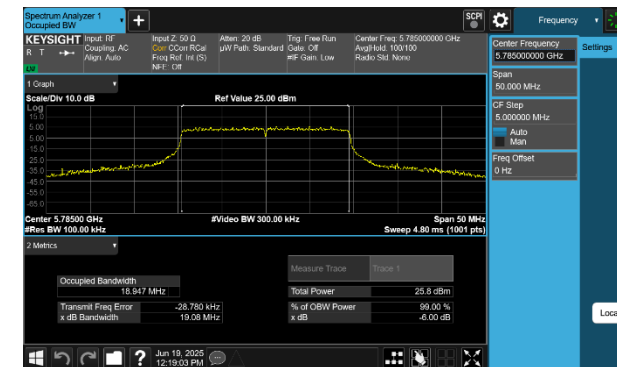
Plot 7-34 6dB BW & 99% OBW Antenna WF5B (20MHz BW 802.11be(RU) RU26 Index8 - Ch.165)



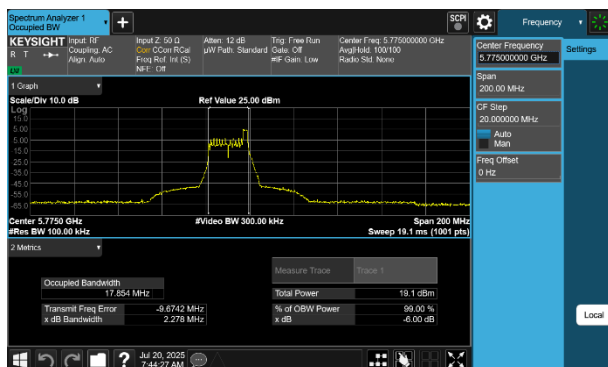
Plot 7-38 6dB BW & 99% OBW Antenna WF5B (80MHz BW 802.11be(RU) RU484+242 Index90 - Ch.155)



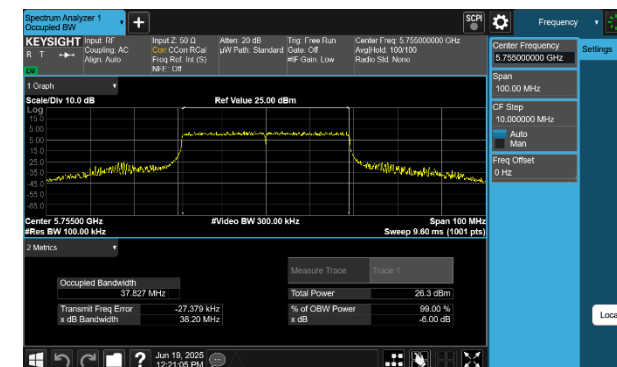
Plot 7-35 6dB BW & 99% OBW Antenna WF5B (40MHz BW 802.11be(RU) RU26 Index17 - Ch.159)



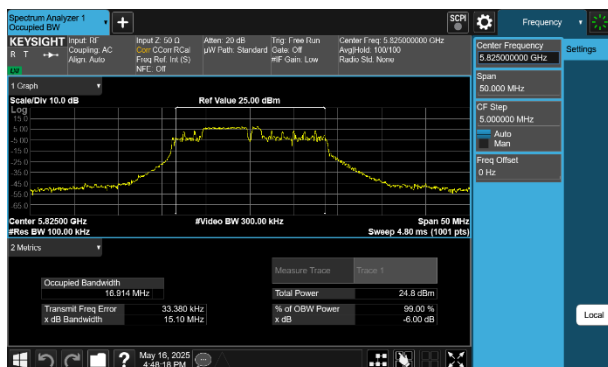
Plot 7-39 6dB BW & 99% OBW Antenna WF5B (20MHz BW 802.11be(RU) RU242 Index61 - Ch.157)



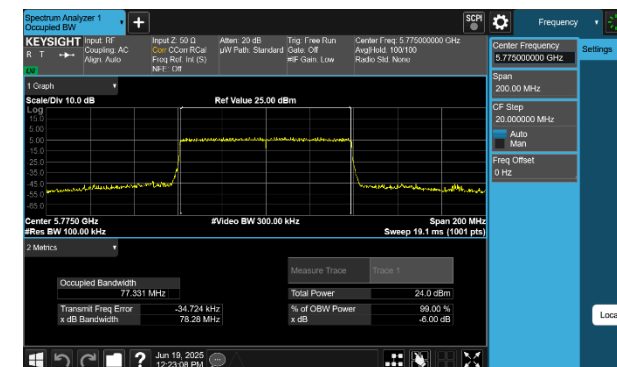
Plot 7-36 6dB BW & 99% OBW Antenna WF5B (80MHz BW 802.11be(RU) RU26 Index17 - Ch.155)



Plot 7-40 6dB BW & 99% OBW Antenna WF5B (40MHz BW 802.11be(RU) RU484 Index65 - Ch.151)



Plot 7-37 6dB BW & 99% OBW Antenna WF5B (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.165)



Plot 7-41 6dB BW & 99% OBW Antenna WF5B (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG			
	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 36 of 374

7.3.2 Antenna 4a 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	be (20MHz)	26	8	MCS5	18.02	2.08	0.50	Pass
	5785	157	be (20MHz)	26	8	MCS5	18.05	2.07	0.50	Pass
	5825	165	be (20MHz)	26	8	MCS5	18.05	2.10	0.50	Pass
	5755	151	be (40MHz)	26	8	MCS5	18.45	2.13	0.50	Pass
	5795	159	be (40MHz)	26	17	MCS5	17.85	2.13	0.50	Pass
	5775	155	be (80MHz)	26	0	MCS5	17.87	2.23	0.50	Pass

Table 7-14. Conducted Bandwidth Measurements Antenna 4a (RU26)

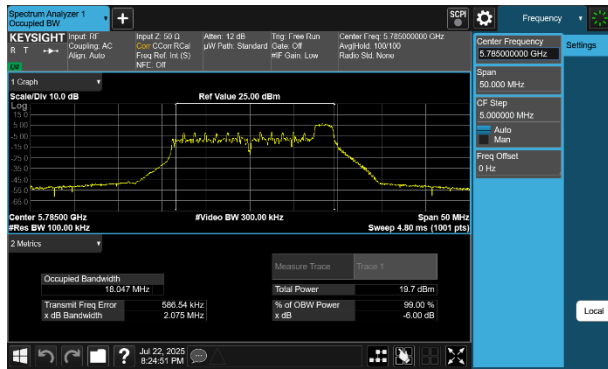
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	be (20MHz)	52+26	71	MCS5	16.90	15.07	0.50	Pass
	5785	157	be (20MHz)	52+26	72	MCS5	16.92	15.10	0.50	Pass
	5825	165	be (20MHz)	52+26	71	MCS5	16.91	15.02	0.50	Pass
	5745	149	be (20MHz)	106+26	83	MCS5	17.96	17.17	0.50	Pass
	5785	157	be (20MHz)	106+26	83	MCS5	17.96	17.13	0.50	Pass
	5825	165	be (20MHz)	106+26	83	MCS5	17.95	17.11	0.50	Pass
	5775	155	be (80MHz)	484+242	93	MCS5	58.38	59.02	0.50	Pass

Table 7-15. Conducted Bandwidth Measurements Antenna 4a (MRU)

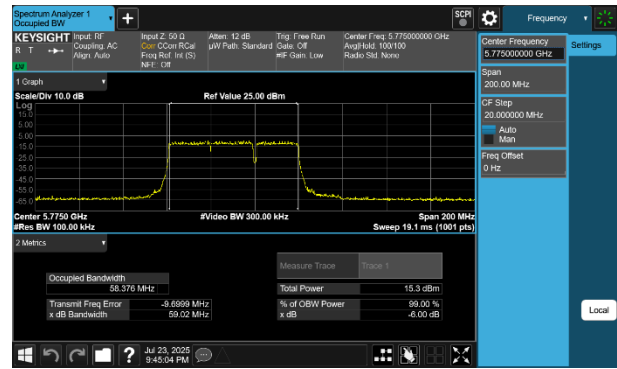
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	be (20MHz)	242	61	MCS5	18.94	19.09	0.50	Pass
	5785	157	be (20MHz)	242	61	MCS5	18.99	19.15	0.50	Pass
	5825	165	be (20MHz)	242	61	MCS5	18.96	19.09	0.50	Pass
	5755	151	be (40MHz)	484	65	MCS5	37.87	38.24	0.50	Pass
	5795	159	be (40MHz)	484	65	MCS5	37.88	38.22	0.50	Pass
	5775	155	be (80MHz)	996	67	MCS5	77.34	78.29	0.50	Pass

Table 7-16. Conducted Bandwidth Measurements Antenna 4a (Fully- loaded RU)

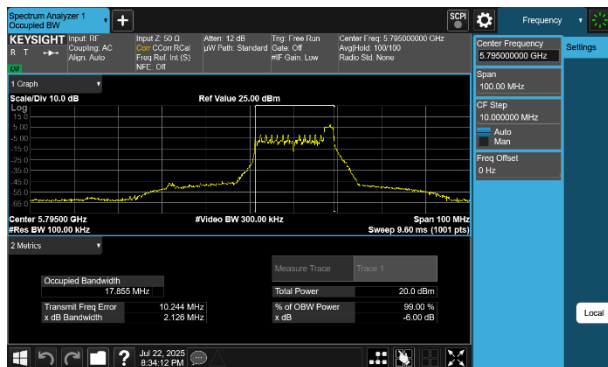
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 37 of 374



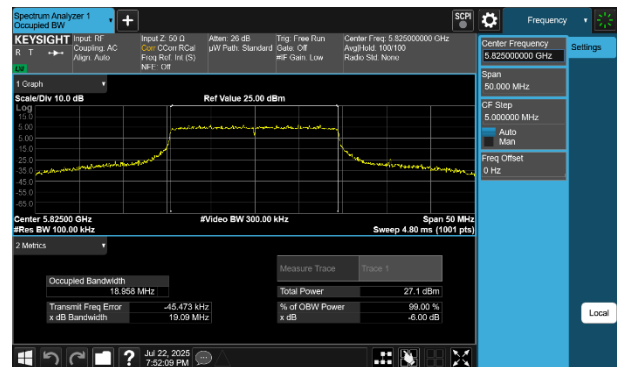
Plot 7-42 6dB BW & 99% OBW Antenna 4a (20MHz BW 802.11be(RU) RU26 Index8 - Ch.157)



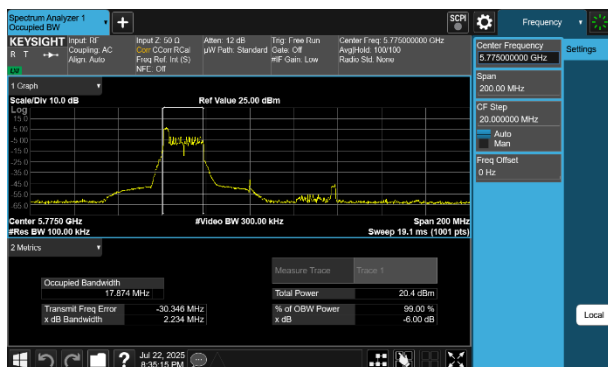
Plot 7-46 6dB BW & 99% OBW Antenna 4a (80MHz BW 802.11be(RU) RU484+242 Index93 - Ch.155)



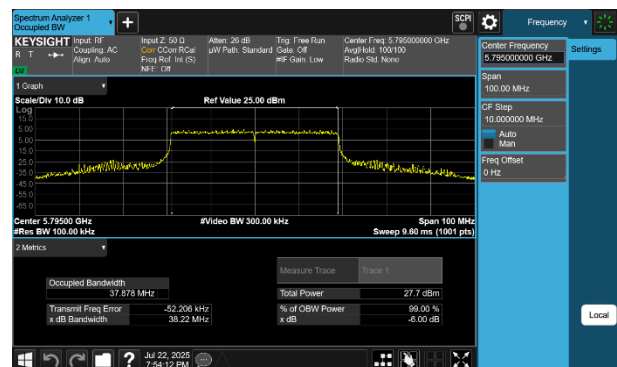
Plot 7-43 6dB BW & 99% OBW Antenna 4a (40MHz BW 802.11be(RU) RU26 Index17 - Ch.159)



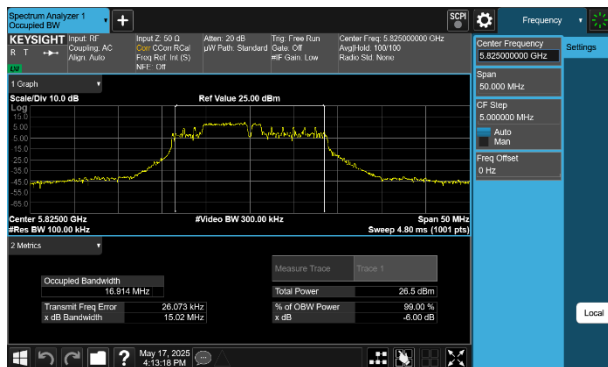
Plot 7-47 6dB BW & 99% OBW Antenna 4a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.165)



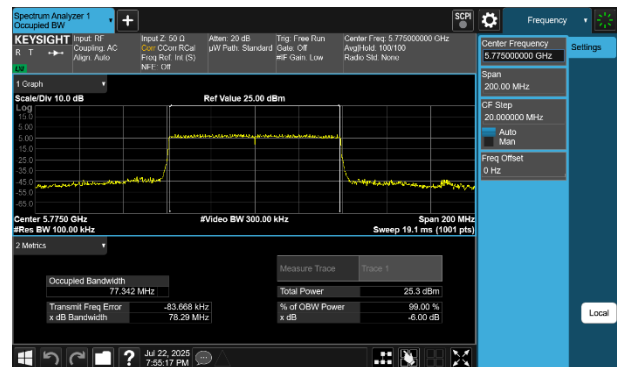
Plot 7-44 6dB BW & 99% OBW Antenna 4a (80MHz BW 802.11be(RU) RU26 Index0 - Ch.155)



Plot 7-48 6dB BW & 99% OBW Antenna 4a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.159)



Plot 7-45 6dB BW & 99% OBW Antenna 4a (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.165)



Plot 7-49 6dB BW & 99% OBW Antenna 4a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 38 of 374

7.3.3 Antenna 2a 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	be (20MHz)	26	0	MCS5	18.19	2.10	0.50	Pass
	5785	157	be (20MHz)	26	0	MCS5	18.16	2.04	0.50	Pass
	5825	165	be (20MHz)	26	8	MCS5	18.04	2.10	0.50	Pass
	5755	151	be (40MHz)	26	8	MCS5	18.48	2.15	0.50	Pass
	5795	159	be (40MHz)	26	0	MCS5	17.79	2.15	0.50	Pass
	5775	155	be (80MHz)	26	0	MCS5	17.88	2.27	0.50	Pass

Table 7-17. Conducted Bandwidth Measurements Antenna 2a (RU26)

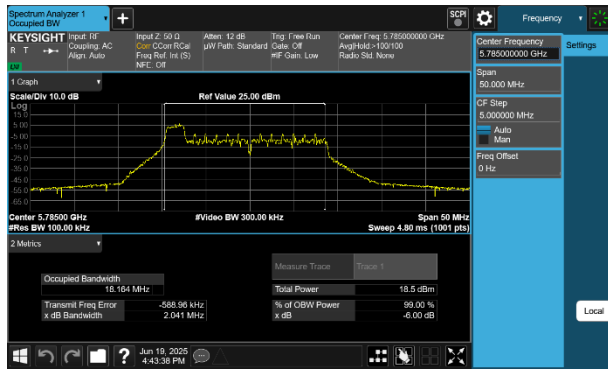
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	be (20MHz)	52+26	71	MCS5	16.94	15.10	0.50	Pass
	5785	157	be (20MHz)	52+26	72	MCS5	16.92	15.08	0.50	Pass
	5825	165	be (20MHz)	52+26	71	MCS5	16.92	15.08	0.50	Pass
	5745	149	be (20MHz)	106+26	83	MCS5	18.05	17.15	0.50	Pass
	5785	157	be (20MHz)	106+26	83	MCS5	17.89	17.13	0.50	Pass
	5825	165	be (20MHz)	106+26	83	MCS5	18.06	17.15	0.50	Pass
	5775	155	be (80MHz)	484+242	93	MCS5	58.33	59.00	0.50	Pass

Table 7-18. Conducted Bandwidth Measurements Antenna 2a (MRU)

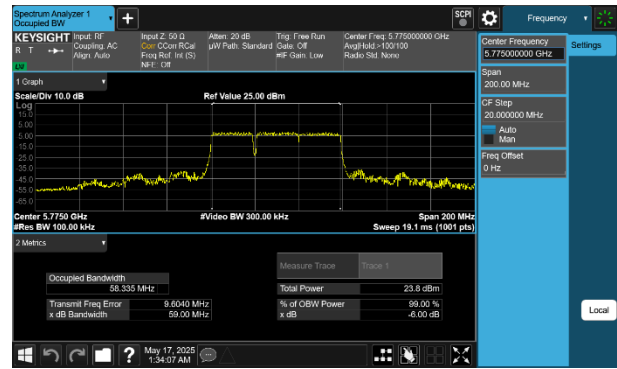
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	be (20MHz)	242	61	MCS5	18.94	19.11	0.50	Pass
	5785	157	be (20MHz)	242	61	MCS5	18.94	19.08	0.50	Pass
	5825	165	be (20MHz)	242	61	MCS5	18.92	19.08	0.50	Pass
	5755	151	be (40MHz)	484	65	MCS5	37.82	38.21	0.50	Pass
	5795	159	be (40MHz)	484	65	MCS5	37.87	38.26	0.50	Pass
	5775	155	be (80MHz)	996	67	MCS5	77.35	78.28	0.50	Pass

Table 7-19. Conducted Bandwidth Measurements Antenna 2a (Fully- loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 39 of 374



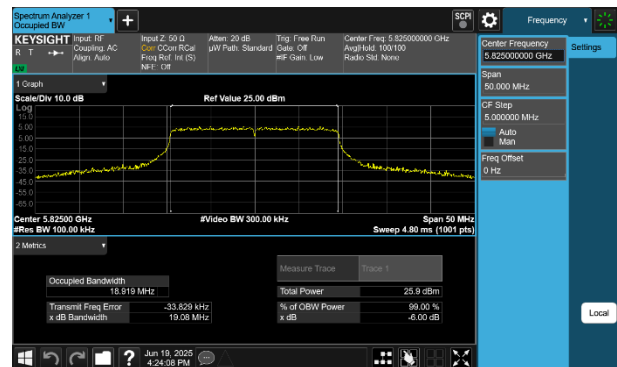
Plot 7-50 6dB BW & 99% OBW Antenna 2a (20MHz BW 802.11be(RU) RU26 Index0 - Ch.157)



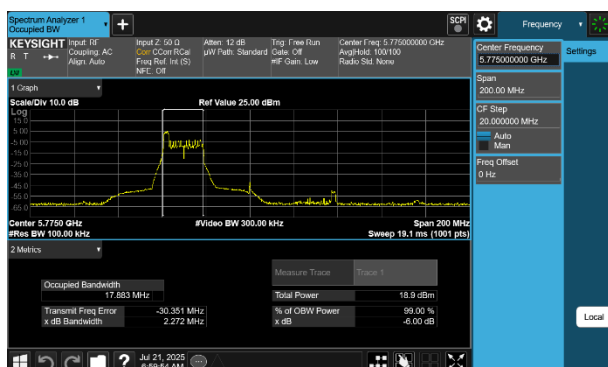
Plot 7-54 6dB BW & 99% OBW Antenna 2a (80MHz BW 802.11be(RU) RU484+242 Index90 - Ch.155)



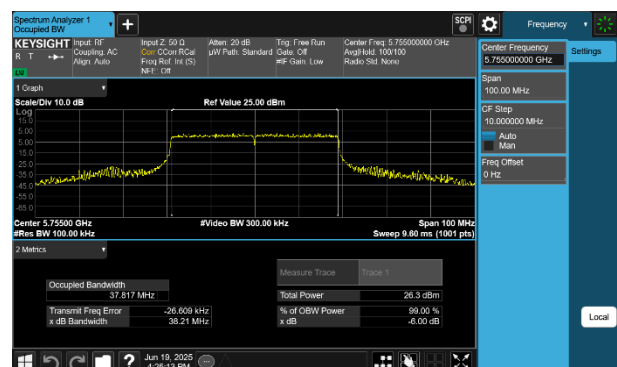
Plot 7-51 6dB BW & 99% OBW Antenna 2a (40MHz BW 802.11be(RU) RU26 Index8 - Ch.151)



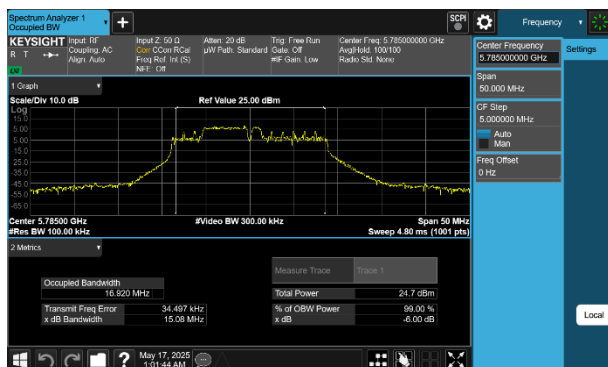
Plot 7-55 6dB BW & 99% OBW Antenna 2a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.165)



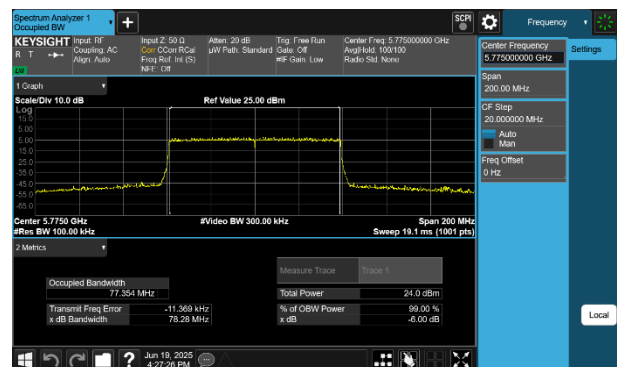
Plot 7-52 6dB BW & 99% OBW Antenna 2a (80MHz BW 802.11be(RU) RU26 Index0 - Ch.155)



Plot 7-56 6dB BW & 99% OBW Antenna 2a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.151)



Plot 7-53 6dB BW & 99% OBW Antenna 2a (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.165)



Plot 7-57 6dB BW & 99% OBW Antenna 2a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 40 of 374

7.4 Conducted Output Power and Max EIRP Measurement

§15.407(a.1.iv) §15.407(a.2) §15.407(a.3.i); RSS-247 [6.2]

Test Overview and Limits

A transmitter antenna terminal of the EUT is connected to the input of an RF pulse power sensor. Measurement is made using a broadband average power meter while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies. B is the 99% OBW per ISSED RSS-247 and 26dB BW is per FCC 15.407.

In the 5.15 – 5.25GHz band, the maximum permissible conducted output power is 250mW (23.98dBm). The maximum e.i.r.p. shall not exceed the lesser of 200 mW or $10 + 10 \log_{10}B$, dBm.

In the 5.25 – 5.35GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or $11 \text{ dBm} + 10\log_{10}(B)$. The maximum e.i.r.p. shall not exceed the lesser of 1.0 W or $17 + 10\log_{10}B$, dBm.

In the 5.47 – 5.725GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or $11 \text{ dBm} + 10\log_{10}(B)$. The maximum e.i.r.p. shall not exceed the lesser of 1.0 W or $17 + 10\log_{10}B$, dBm.

In the 5.47 – 5.725GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or $11 \text{ dBm} + 10\log_{10}(B)$. The maximum e.i.r.p. shall not exceed the lesser of 1.0 W or $17 + 10\log_{10}B$, dBm.

Test Procedure Used

ANSI C63.10-2020 – Section 12.4.3.2 Method PM-G
KDB 789033 D02 v02r01 – Section E3)b) Method PM-G
ANSI C63.10-2020 – Section 14.4 Measure-and-Sum Technique
KDB 662911 v02r01 – Section E1) Measure-and-Sum Technique

Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-3. Test Instrument & Measurement Setup

Test Notes

1. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.
2. All RU's were investigated and RU 26 and fully-loaded RU were reported.
3. Additionally, the highest power among partially-loaded RU's was reported.
4. The "-" shown in the following power tables are used to denote N/A.
5. For 802.11be, the worst case data rate was found to be MCS11.

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 41 of 374

V 11.0 5/2025

7.4.1 FCC Antenna WF5B Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	9.37	23.98	-14.61
			AVG	26	4	12.5/14.7 (MCS11)	9.23	23.98	-14.75
			AVG	26	8	12.5/14.7 (MCS11)	9.25	23.98	-14.73
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	9.21	23.98	-14.77
			AVG	26	4	12.5/14.7 (MCS11)	9.21	23.98	-14.77
			AVG	26	8	12.5/14.7 (MCS11)	9.43	23.98	-14.55
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	9.50	23.98	-14.48
			AVG	26	4	12.5/14.7 (MCS11)	9.28	23.98	-14.70
			AVG	26	8	12.5/14.7 (MCS11)	9.38	23.98	-14.60
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	9.20	30.00	-20.80
			AVG	26	4	12.5/14.7 (MCS11)	9.48	30.00	-20.52
			AVG	26	8	12.5/14.7 (MCS11)	9.48	30.00	-20.52
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	9.26	30.00	-20.74
			AVG	26	4	12.5/14.7 (MCS11)	9.49	30.00	-20.51
			AVG	26	8	12.5/14.7 (MCS11)	9.36	30.00	-20.64
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	9.36	30.00	-20.64
			AVG	26	4	12.5/14.7 (MCS11)	9.32	30.00	-20.68
			AVG	26	8	12.5/14.7 (MCS11)	9.34	30.00	-20.66

Table 7-20. FCC Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	52	37	25/29.4 (MCS11)	12.30	23.98	-11.68
			AVG	52	39	25/29.4 (MCS11)	12.33	23.98	-11.65
			AVG	52	40	25/29.4 (MCS11)	12.47	23.98	-11.51
	5200	40	AVG	52	37	25/29.4 (MCS11)	12.35	23.98	-11.63
			AVG	52	39	25/29.4 (MCS11)	12.33	23.98	-11.65
			AVG	52	40	25/29.4 (MCS11)	12.44	23.98	-11.54
	5240	48	AVG	52	37	25/29.4 (MCS11)	12.37	23.98	-11.61
			AVG	52	39	25/29.4 (MCS11)	12.40	23.98	-11.58
			AVG	52	40	25/29.4 (MCS11)	12.30	23.98	-11.68
	5260	52	AVG	52	37	25/29.4 (MCS11)	12.18	23.57	-11.39
			AVG	52	39	25/29.4 (MCS11)	12.41	23.57	-11.16
			AVG	52	40	25/29.4 (MCS11)	12.48	23.57	-11.09
	5300	60	AVG	52	37	25/29.4 (MCS11)	12.24	23.57	-11.33
			AVG	52	39	25/29.4 (MCS11)	12.18	23.57	-11.39
			AVG	52	40	25/29.4 (MCS11)	12.26	23.57	-11.31
	5320	64	AVG	52	37	25/29.4 (MCS11)	12.33	23.57	-11.24
			AVG	52	39	25/29.4 (MCS11)	12.32	23.57	-11.25
			AVG	52	40	25/29.4 (MCS11)	12.19	23.57	-11.38
	5500	100	AVG	52	37	25/29.4 (MCS11)	12.44	23.57	-11.13
AVG			52	39	25/29.4 (MCS11)	12.39	23.57	-11.18	
AVG			52	40	25/29.4 (MCS11)	12.48	23.57	-11.09	
5580	116	AVG	52	37	25/29.4 (MCS11)	12.12	23.57	-11.45	
		AVG	52	39	25/29.4 (MCS11)	12.49	23.57	-11.08	
		AVG	52	40	25/29.4 (MCS11)	12.34	23.57	-11.23	
5720	144	AVG	52	37	25/29.4 (MCS11)	12.25	23.57	-11.32	
		AVG	52	39	25/29.4 (MCS11)	12.16	23.57	-11.41	
		AVG	52	40	25/29.4 (MCS11)	12.48	23.57	-11.09	
5745	149	AVG	52	37	25/29.4 (MCS11)	12.23	30.00	-17.77	
		AVG	52	39	25/29.4 (MCS11)	12.19	30.00	-17.81	
		AVG	52	40	25/29.4 (MCS11)	12.31	30.00	-17.69	
5785	157	AVG	52	37	25/29.4 (MCS11)	12.48	30.00	-17.52	
		AVG	52	39	25/29.4 (MCS11)	12.48	30.00	-17.52	
		AVG	52	40	25/29.4 (MCS11)	12.11	30.00	-17.89	
5825	165	AVG	52	37	25/29.4 (MCS11)	12.39	30.00	-17.61	
		AVG	52	39	25/29.4 (MCS11)	12.26	30.00	-17.74	
		AVG	52	40	25/29.4 (MCS11)	12.41	30.00	-17.59	

Table 7-21. FCC Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power (RU52)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 42 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106	53	53.1/62.5 (MCS11)	15.34	23.98	-8.64
			AVG	106	54	53.1/62.5 (MCS11)	15.48	23.98	-8.50
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	15.39	23.98	-8.59
			AVG	106	54	53.1/62.5 (MCS11)	15.46	23.98	-8.52
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	15.40	23.98	-8.58
			AVG	106	54	53.1/62.5 (MCS11)	15.44	23.98	-8.54
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	15.35	23.57	-8.22
			AVG	106	54	53.1/62.5 (MCS11)	15.36	23.57	-8.21
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	15.43	23.57	-8.14
			AVG	106	54	53.1/62.5 (MCS11)	15.50	23.57	-8.07
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	15.32	23.57	-8.25
			AVG	106	54	53.1/62.5 (MCS11)	15.38	23.57	-8.19
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.31	23.57	-9.26
			AVG	106	54	53.1/62.5 (MCS11)	14.28	23.57	-9.29
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	15.26	23.57	-8.31
			AVG	106	54	53.1/62.5 (MCS11)	15.32	23.57	-8.25
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.98	23.57	-9.59
			AVG	106	54	53.1/62.5 (MCS11)	13.87	23.57	-9.70
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	15.31	23.57	-8.26
			AVG	106	54	53.1/62.5 (MCS11)	15.44	23.57	-8.13
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	15.41	30.00	-14.59
			AVG	106	54	53.1/62.5 (MCS11)	15.45	30.00	-14.55
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	15.20	30.00	-14.80
			AVG	106	54	53.1/62.5 (MCS11)	15.23	30.00	-14.77
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	15.26	30.00	-14.74
			AVG	106	54	53.1/62.5 (MCS11)	15.29	30.00	-14.71

Table 7-22. FCC Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power (RU106)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	52+26	71	12.5/14.7 (MCS11)	14.00	23.98	-9.98
			AVG	52+26	72	12.5/14.7 (MCS11)	13.96	23.98	-10.02
	5200	40	AVG	52+26	71	12.5/14.7 (MCS11)	13.92	23.98	-10.06
			AVG	52+26	72	12.5/14.7 (MCS11)	13.82	23.98	-10.16
	5240	48	AVG	52+26	71	12.5/14.7 (MCS11)	13.88	23.98	-10.10
			AVG	52+26	72	12.5/14.7 (MCS11)	13.77	23.98	-10.21
	5260	52	AVG	52+26	71	12.5/14.7 (MCS11)	13.91	23.57	-9.66
			AVG	52+26	72	12.5/14.7 (MCS11)	13.76	23.57	-9.81
	5300	60	AVG	52+26	71	12.5/14.7 (MCS11)	13.83	23.57	-9.74
			AVG	52+26	72	12.5/14.7 (MCS11)	13.78	23.57	-9.79
	5320	64	AVG	52+26	71	12.5/14.7 (MCS11)	13.82	23.57	-9.75
			AVG	52+26	72	12.5/14.7 (MCS11)	13.79	23.57	-9.78
	5500	100	AVG	52+26	71	12.5/14.7 (MCS11)	13.78	23.57	-9.79
			AVG	52+26	72	12.5/14.7 (MCS11)	13.61	23.57	-9.96
	5520	104	AVG	52+26	71	12.5/14.7 (MCS11)	13.83	23.57	-9.74
			AVG	52+26	72	12.5/14.7 (MCS11)	13.66	23.57	-9.91
	5540	108	AVG	52+26	71	12.5/14.7 (MCS11)	13.89	23.57	-9.68
			AVG	52+26	72	12.5/14.7 (MCS11)	13.62	23.57	-9.95
	5580	116	AVG	52+26	71	12.5/14.7 (MCS11)	13.74	23.57	-9.83
			AVG	52+26	72	12.5/14.7 (MCS11)	13.78	23.57	-9.79
	5660	132	AVG	52+26	71	12.5/14.7 (MCS11)	13.73	23.57	-9.84
			AVG	52+26	72	12.5/14.7 (MCS11)	13.87	23.57	-9.70
	5680	136	AVG	52+26	71	12.5/14.7 (MCS11)	13.89	23.57	-9.68
			AVG	52+26	72	12.5/14.7 (MCS11)	13.78	23.57	-9.79
	5700	140	AVG	52+26	71	12.5/14.7 (MCS11)	13.79	23.57	-9.78
			AVG	52+26	72	12.5/14.7 (MCS11)	13.65	23.57	-9.92
	5720	144	AVG	52+26	71	12.5/14.7 (MCS11)	13.89	23.57	-9.68
			AVG	52+26	72	12.5/14.7 (MCS11)	13.80	23.57	-9.77
	5745	149	AVG	52+26	71	12.5/14.7 (MCS11)	13.91	30.00	-16.09
			AVG	52+26	72	12.5/14.7 (MCS11)	13.71	30.00	-16.29
	5785	157	AVG	52+26	71	12.5/14.7 (MCS11)	13.89	30.00	-16.12
			AVG	52+26	72	12.5/14.7 (MCS11)	13.80	30.00	-16.20
	5825	165	AVG	52+26	71	12.5/14.7 (MCS11)	13.76	30.00	-16.24
			AVG	52+26	72	12.5/14.7 (MCS11)	13.67	30.00	-16.33

Table 7-23. FCC Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 43 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106+26	82	12.5/14.7 (MCS11)	15.82	23.98	-8.16
			AVG	106+26	83	12.5/14.7 (MCS11)	15.94	23.98	-8.04
	5200	40	AVG	106+26	82	12.5/14.7 (MCS11)	15.65	23.98	-8.33
			AVG	106+26	83	12.5/14.7 (MCS11)	15.92	23.98	-8.06
	5240	48	AVG	106+26	82	12.5/14.7 (MCS11)	15.78	23.98	-8.20
			AVG	106+26	83	12.5/14.7 (MCS11)	15.67	23.98	-8.31
	5260	52	AVG	106+26	82	12.5/14.7 (MCS11)	15.78	23.57	-7.79
			AVG	106+26	83	12.5/14.7 (MCS11)	15.80	23.57	-7.77
	5300	60	AVG	106+26	82	12.5/14.7 (MCS11)	15.71	23.57	-7.86
			AVG	106+26	83	12.5/14.7 (MCS11)	15.82	23.57	-7.75
	5320	64	AVG	106+26	82	12.5/14.7 (MCS11)	15.62	23.57	-7.95
			AVG	106+26	83	12.5/14.7 (MCS11)	15.65	23.57	-7.92
	5500	100	AVG	106+26	82	12.5/14.7 (MCS11)	14.37	23.57	-9.20
			AVG	106+26	83	12.5/14.7 (MCS11)	14.41	23.57	-9.16
	5520	104	AVG	106+26	82	12.5/14.7 (MCS11)	15.89	23.57	-7.68
			AVG	106+26	83	12.5/14.7 (MCS11)	15.86	23.57	-7.71
	5540	108	AVG	106+26	82	12.5/14.7 (MCS11)	15.83	23.57	-7.74
			AVG	106+26	83	12.5/14.7 (MCS11)	15.86	23.57	-7.71
	5580	116	AVG	106+26	82	12.5/14.7 (MCS11)	15.78	23.57	-7.79
			AVG	106+26	83	12.5/14.7 (MCS11)	15.77	23.57	-7.80
	5660	132	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	23.57	-7.89
			AVG	106+26	83	12.5/14.7 (MCS11)	15.71	23.57	-7.86
	5680	136	AVG	106+26	82	12.5/14.7 (MCS11)	15.65	23.57	-7.92
			AVG	106+26	83	12.5/14.7 (MCS11)	15.75	23.57	-7.82
	5700	140	AVG	106+26	82	12.5/14.7 (MCS11)	13.61	23.57	-9.96
			AVG	106+26	83	12.5/14.7 (MCS11)	13.60	23.57	-9.97
	5720	144	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	23.57	-7.89
			AVG	106+26	83	12.5/14.7 (MCS11)	15.76	23.57	-7.81
	5745	149	AVG	106+26	82	12.5/14.7 (MCS11)	15.84	30.00	-14.16
			AVG	106+26	83	12.5/14.7 (MCS11)	15.77	30.00	-14.23
	5785	157	AVG	106+26	82	12.5/14.7 (MCS11)	15.90	30.00	-14.10
			AVG	106+26	83	12.5/14.7 (MCS11)	15.89	30.00	-14.12
	5825	165	AVG	106+26	82	12.5/14.7 (MCS11)	15.82	30.00	-14.18
			AVG	106+26	83	12.5/14.7 (MCS11)	15.79	30.00	-14.21

Table 7-24. FCC Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power (RU106+26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	484+242	90	243.8/286.8 (MCS11)	13.27	23.98	-10.71
			AVG	484+242	91	243.8/286.8 (MCS11)	13.27	23.98	-10.71
			AVG	484+242	92	243.8/286.8 (MCS11)	13.26	23.98	-10.72
			AVG	484+242	93	243.8/286.8 (MCS11)	13.24	23.98	-10.74
	5290	58	AVG	484+242	90	243.8/286.8 (MCS11)	13.42	23.57	-10.15
			AVG	484+242	91	243.8/286.8 (MCS11)	13.50	23.57	-10.07
			AVG	484+242	92	243.8/286.8 (MCS11)	13.32	23.57	-10.25
			AVG	484+242	93	243.8/286.8 (MCS11)	13.16	23.57	-10.41
	5530	106	AVG	484+242	90	243.8/286.8 (MCS11)	12.15	23.57	-11.42
			AVG	484+242	91	243.8/286.8 (MCS11)	12.17	23.57	-11.40
			AVG	484+242	92	243.8/286.8 (MCS11)	12.25	23.57	-11.32
			AVG	484+242	93	243.8/286.8 (MCS11)	12.20	23.57	-11.37
	5610	122	AVG	484+242	90	243.8/286.8 (MCS11)	16.82	23.57	-6.75
			AVG	484+242	91	243.8/286.8 (MCS11)	16.77	23.57	-6.80
			AVG	484+242	92	243.8/286.8 (MCS11)	16.79	23.57	-6.78
			AVG	484+242	93	243.8/286.8 (MCS11)	16.97	23.57	-6.60
	5690	138	AVG	484+242	90	243.8/286.8 (MCS11)	18.47	23.57	-5.10
			AVG	484+242	91	243.8/286.8 (MCS11)	18.49	23.57	-5.08
			AVG	484+242	92	243.8/286.8 (MCS11)	18.40	23.57	-5.17
			AVG	484+242	93	243.8/286.8 (MCS11)	18.18	23.57	-5.39
	5775	155	AVG	484+242	90	243.8/286.8 (MCS11)	15.26	30.00	-14.74
			AVG	484+242	91	243.8/286.8 (MCS11)	15.23	30.00	-14.77
			AVG	484+242	92	243.8/286.8 (MCS11)	15.40	30.00	-14.60
			AVG	484+242	93	243.8/286.8 (MCS11)	15.43	30.00	-14.58

Table 7-25. FCC Antenna WF5B 80MHz BW (UNII) Maximum Conducted Output Power (RU484+242)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 44 of 374

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	996+484	94	25/29.4 (MCS11)	11.93	23.98	-12.05
			AVG	996+484	95	25/29.4 (MCS11)	11.91	23.98	-12.07
		50 (U)	AVG	996+484	94	25/29.4 (MCS11)	11.80	23.57	-11.77
			AVG	996+484	95	25/29.4 (MCS11)	11.61	23.57	-11.96
	5570	114 (L)	AVG	996+484	94	25/29.4 (MCS11)	11.49	23.57	-12.08
			AVG	996+484	95	25/29.4 (MCS11)	11.18	23.57	-12.39
		114 (U)	AVG	996+484	94	25/29.4 (MCS11)	11.22	23.57	-12.35
			AVG	996+484	95	25/29.4 (MCS11)	11.22	23.57	-12.35

Table 7-26. FCC Antenna WF5B 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	996+484+242	96	25/29.4 (MCS11)	12.00	23.98	-11.98
			AVG	996+484+242	97	25/29.4 (MCS11)	11.74	23.98	-12.24
			AVG	996+484+242	98	25/29.4 (MCS11)	11.96	23.98	-12.02
			AVG	996+484+242	99	25/29.4 (MCS11)	11.81	23.98	-12.17
	5250	50 (U)	AVG	996+484+242	96	25/29.4 (MCS11)	11.67	23.57	-11.90
			AVG	996+484+242	97	25/29.4 (MCS11)	11.95	23.57	-11.62
			AVG	996+484+242	98	25/29.4 (MCS11)	11.91	23.57	-11.66
			AVG	996+484+242	99	25/29.4 (MCS11)	11.93	23.57	-11.64
	5570	114 (L)	AVG	996+484+242	96	25/29.4 (MCS11)	11.42	23.57	-12.15
			AVG	996+484+242	97	25/29.4 (MCS11)	11.18	23.57	-12.39
			AVG	996+484+242	98	25/29.4 (MCS11)	11.46	23.57	-12.11
			AVG	996+484+242	99	25/29.4 (MCS11)	11.49	23.57	-12.08
	5570	114 (U)	AVG	996+484+242	96	25/29.4 (MCS11)	11.35	23.57	-12.22
			AVG	996+484+242	97	25/29.4 (MCS11)	11.24	23.57	-12.33
			AVG	996+484+242	98	25/29.4 (MCS11)	11.17	23.57	-12.40
			AVG	996+484+242	99	25/29.4 (MCS11)	11.47	23.57	-12.10

Table 7-27. FCC Antenna WF5B 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	15.84	23.98	-8.14
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	18.25	23.98	-5.73
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	18.29	23.98	-5.69
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	18.32	23.57	-5.25
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	18.27	23.57	-5.30
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.34	23.57	-7.23
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.20	23.57	-9.37
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	16.98	23.57	-6.59
	5540	108	AVG	242	61	121.9/143.4 (MCS11)	18.45	23.57	-5.12
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	18.26	23.57	-5.31
	5660	132	AVG	242	61	121.9/143.4 (MCS11)	18.37	23.57	-5.20
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	18.40	23.57	-5.17
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.81	23.57	-9.76
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	18.32	23.57	-5.25
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	18.37	30.00	-11.63
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	18.13	30.00	-11.88
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	18.18	30.00	-11.82

Table 7-28. FCC Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 45 of 374

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	13.38	23.98	-10.60
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	18.33	23.98	-5.65
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	18.29	23.57	-5.28
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.87	23.57	-9.70
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	12.26	23.57	-11.31
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	16.74	23.57	-6.83
	5590	118	AVG	484	65	243.8/286.8 (MCS11)	18.39	23.57	-5.18
	5630	126	AVG	484	65	243.8/286.8 (MCS11)	18.21	23.57	-5.36
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	16.80	23.57	-6.77
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	18.34	23.57	-5.23
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	18.31	30.00	-11.69
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	18.18	30.00	-11.82

Table 7-29. FCC Antenna WF5B 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	13.05	23.98	-10.93
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.87	23.57	-9.70
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	12.46	23.57	-11.11
	5610	122	AVG	996	67	510.4/600.5 (MCS11)	16.91	23.57	-6.66
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	18.16	23.57	-5.41
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	16.73	30.00	-13.27

Table 7-30. FCC Antenna WF5B 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	AVG	996x2	68	1020.8/1201 (MCS11)	11.68	23.98	-12.30
	5570	114	AVG	996x2	68	1020.8/1201 (MCS11)	11.16	23.57	-12.41

Table 7-31. FCC Antenna WF5B 160MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 46 of 374

7.4.2 ISED Antenna WF5B Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	7.68	-	-	3.40	11.08	22.56	-11.49
			AVG	26	4	12.5/14.7 (MCS11)	7.43	-	-	3.40	10.83	22.56	-11.73
			AVG	26	8	12.5/14.7 (MCS11)	7.31	-	-	3.40	10.71	22.56	-11.85
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	7.71	-	-	3.40	11.11	22.56	-11.45
			AVG	26	4	12.5/14.7 (MCS11)	7.45	-	-	3.40	10.85	22.56	-11.71
			AVG	26	8	12.5/14.7 (MCS11)	7.75	-	-	3.40	11.15	22.56	-11.42
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	7.31	-	-	3.40	10.71	22.56	-11.85
			AVG	26	4	12.5/14.7 (MCS11)	7.54	-	-	3.40	10.94	22.56	-11.62
			AVG	26	8	12.5/14.7 (MCS11)	7.33	-	-	3.40	10.73	22.56	-11.83
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	9.20	30.00	-20.80	0.60	9.80	-	-
			AVG	26	4	12.5/14.7 (MCS11)	9.48	30.00	-20.52	0.60	10.08	-	-
			AVG	26	8	12.5/14.7 (MCS11)	9.48	30.00	-20.52	0.60	10.08	-	-
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	9.26	30.00	-20.74	0.60	9.86	-	-
			AVG	26	4	12.5/14.7 (MCS11)	9.49	30.00	-20.51	0.60	10.09	-	-
			AVG	26	8	12.5/14.7 (MCS11)	9.36	30.00	-20.64	0.60	9.96	-	-
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	9.36	30.00	-20.64	0.60	9.96	-	-
			AVG	26	4	12.5/14.7 (MCS11)	9.32	30.00	-20.68	0.60	9.92	-	-
			AVG	26	8	12.5/14.7 (MCS11)	9.34	30.00	-20.66	0.60	9.94	-	-

Table 7-32. ISED Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	52	37	25/29.4 (MCS11)	10.27	-	-	3.40	13.67	22.56	-8.89
			AVG	52	39	25/29.4 (MCS11)	10.30	-	-	3.40	13.70	22.56	-8.86
			AVG	52	40	25/29.4 (MCS11)	10.19	-	-	3.40	13.59	22.56	-8.97
	5200	40	AVG	52	37	25/29.4 (MCS11)	10.11	-	-	3.40	13.51	22.56	-9.05
			AVG	52	39	25/29.4 (MCS11)	10.07	-	-	3.40	13.47	22.56	-9.09
			AVG	52	40	25/29.4 (MCS11)	10.22	-	-	3.40	13.62	22.56	-8.95
	5240	48	AVG	52	37	25/29.4 (MCS11)	10.18	-	-	3.40	13.58	22.56	-8.98
			AVG	52	39	25/29.4 (MCS11)	10.09	-	-	3.40	13.49	22.56	-9.07
			AVG	52	40	25/29.4 (MCS11)	10.22	-	-	3.40	13.62	22.56	-8.94
	5260	52	AVG	52	37	25/29.4 (MCS11)	12.18	23.57	-11.39	3.30	15.48	29.57	-14.09
			AVG	52	39	25/29.4 (MCS11)	12.41	23.57	-11.16	3.30	15.71	29.57	-13.86
			AVG	52	40	25/29.4 (MCS11)	12.48	23.57	-11.09	3.30	15.78	29.57	-13.79
	5300	60	AVG	52	37	25/29.4 (MCS11)	12.24	23.57	-11.33	3.30	15.54	29.57	-14.03
			AVG	52	39	25/29.4 (MCS11)	12.18	23.57	-11.39	3.30	15.48	29.57	-14.09
			AVG	52	40	25/29.4 (MCS11)	12.26	23.57	-11.31	3.30	15.56	29.57	-14.01
	5320	64	AVG	52	37	25/29.4 (MCS11)	12.33	23.57	-11.24	3.30	15.63	29.57	-13.94
			AVG	52	39	25/29.4 (MCS11)	12.32	23.57	-11.25	3.30	15.62	29.57	-13.95
			AVG	52	40	25/29.4 (MCS11)	12.19	23.57	-11.38	3.30	15.49	29.57	-14.08
	5500	100	AVG	52	37	25/29.4 (MCS11)	12.44	23.57	-11.13	2.10	14.54	29.57	-15.03
			AVG	52	39	25/29.4 (MCS11)	12.39	23.57	-11.18	2.10	14.49	29.57	-15.08
			AVG	52	40	25/29.4 (MCS11)	12.48	23.57	-11.09	2.10	14.58	29.57	-14.99
	5580	116	AVG	52	37	25/29.4 (MCS11)	12.12	23.57	-11.45	2.10	14.22	29.57	-15.35
			AVG	52	39	25/29.4 (MCS11)	12.49	23.57	-11.08	2.10	14.59	29.57	-14.98
			AVG	52	40	25/29.4 (MCS11)	12.34	23.57	-11.23	2.10	14.44	29.57	-15.13
	5720	144	AVG	52	37	25/29.4 (MCS11)	12.25	23.57	-11.32	2.10	14.35	29.57	-15.22
			AVG	52	39	25/29.4 (MCS11)	12.16	23.57	-11.41	2.10	14.26	29.57	-15.31
			AVG	52	40	25/29.4 (MCS11)	12.48	23.57	-11.09	2.10	14.58	29.57	-14.99
	5745	149	AVG	52	37	25/29.4 (MCS11)	12.23	30.00	-17.77	0.60	12.83	-	-
			AVG	52	39	25/29.4 (MCS11)	12.19	30.00	-17.81	0.60	12.79	-	-
			AVG	52	40	25/29.4 (MCS11)	12.31	30.00	-17.69	0.60	12.91	-	-
	5785	157	AVG	52	37	25/29.4 (MCS11)	12.48	30.00	-17.52	0.60	13.08	-	-
			AVG	52	39	25/29.4 (MCS11)	12.48	30.00	-17.52	0.60	13.08	-	-
			AVG	52	40	25/29.4 (MCS11)	12.11	30.00	-17.89	0.60	12.71	-	-
	5825	165	AVG	52	37	25/29.4 (MCS11)	12.39	30.00	-17.61	0.60	12.99	-	-
			AVG	52	39	25/29.4 (MCS11)	12.26	30.00	-17.74	0.60	12.86	-	-
			AVG	52	40	25/29.4 (MCS11)	12.41	30.00	-17.59	0.60	13.01	-	-

Table 7-33. ISED Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 47 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106	53	53.1/62.5 (MCS11)	12.07	-	-	3.40	15.47	22.56	-7.09
			AVG	106	54	53.1/62.5 (MCS11)	11.90	-	-	3.40	15.30	22.56	-7.26
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	13.58	-	-	3.40	16.98	22.56	-5.58
			AVG	106	54	53.1/62.5 (MCS11)	13.65	-	-	3.40	17.05	22.56	-5.51
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	13.36	-	-	3.40	16.76	22.56	-5.80
			AVG	106	54	53.1/62.5 (MCS11)	13.09	-	-	3.40	16.49	22.56	-6.08
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	15.35	23.57	-8.22	3.30	18.65	29.57	-10.92
			AVG	106	54	53.1/62.5 (MCS11)	15.36	23.57	-8.21	3.30	18.66	29.57	-10.91
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	15.43	23.57	-8.14	3.30	18.73	29.57	-10.84
			AVG	106	54	53.1/62.5 (MCS11)	15.50	23.57	-8.07	3.30	18.80	29.57	-10.77
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	15.32	23.57	-8.25	3.30	18.62	29.57	-10.95
			AVG	106	54	53.1/62.5 (MCS11)	15.38	23.57	-8.19	3.30	18.68	29.57	-10.89
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.31	23.57	-9.26	2.10	16.41	29.57	-13.16
			AVG	106	54	53.1/62.5 (MCS11)	14.28	23.57	-9.29	2.10	16.38	29.57	-13.19
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	15.26	23.57	-8.31	2.10	17.36	29.57	-12.21
			AVG	106	54	53.1/62.5 (MCS11)	15.32	23.57	-8.25	2.10	17.42	29.57	-12.15
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.98	23.57	-9.59	2.10	16.08	29.57	-13.49
			AVG	106	54	53.1/62.5 (MCS11)	13.87	23.57	-9.70	2.10	15.97	29.57	-13.60
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	15.31	23.57	-8.26	2.10	17.41	29.57	-12.16
			AVG	106	54	53.1/62.5 (MCS11)	15.44	23.57	-8.13	2.10	17.54	29.57	-12.03
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	15.41	30.00	-14.59	0.60	16.01	-	-
			AVG	106	54	53.1/62.5 (MCS11)	15.45	30.00	-14.55	0.60	16.05	-	-
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	15.20	30.00	-14.80	0.60	15.80	-	-
			AVG	106	54	53.1/62.5 (MCS11)	15.23	30.00	-14.77	0.60	15.83	-	-
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	15.26	30.00	-14.74	0.60	15.86	-	-
			AVG	106	54	53.1/62.5 (MCS11)	15.29	30.00	-14.71	0.60	15.89	-	-

Table 7-34. ISED Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU106)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	52+26	71	12.5/14.7 (MCS11)	12.50	23.98	-11.48	3.40	15.90	22.56	-6.66
			AVG	52+26	72	12.5/14.7 (MCS11)	12.46	23.98	-11.52	3.40	15.86	22.56	-6.70
	5200	40	AVG	52+26	71	12.5/14.7 (MCS11)	12.19	23.98	-11.79	3.40	15.59	22.56	-6.98
			AVG	52+26	72	12.5/14.7 (MCS11)	12.28	23.98	-11.70	3.40	15.68	22.56	-6.88
	5240	48	AVG	52+26	71	12.5/14.7 (MCS11)	12.08	23.98	-11.90	3.40	15.48	22.56	-7.08
			AVG	52+26	72	12.5/14.7 (MCS11)	12.11	23.98	-11.87	3.40	15.51	22.56	-7.05
	5260	52	AVG	52+26	71	12.5/14.7 (MCS11)	13.91	23.57	-9.66	3.30	17.21	29.57	-12.36
			AVG	52+26	72	12.5/14.7 (MCS11)	13.76	23.57	-9.81	3.30	17.06	29.57	-12.51
	5300	60	AVG	52+26	71	12.5/14.7 (MCS11)	13.83	23.57	-9.74	3.30	17.13	29.57	-12.44
			AVG	52+26	72	12.5/14.7 (MCS11)	13.78	23.57	-9.79	3.30	17.08	29.57	-12.49
	5320	64	AVG	52+26	71	12.5/14.7 (MCS11)	13.82	23.57	-9.75	3.30	17.12	29.57	-12.45
			AVG	52+26	72	12.5/14.7 (MCS11)	13.79	23.57	-9.78	3.30	17.09	29.57	-12.48
	5500	100	AVG	52+26	71	12.5/14.7 (MCS11)	13.78	23.57	-9.79	2.10	15.88	29.57	-13.69
			AVG	52+26	72	12.5/14.7 (MCS11)	13.61	23.57	-9.96	2.10	15.71	29.57	-13.86
	5520	104	AVG	52+26	71	12.5/14.7 (MCS11)	13.89	23.57	-9.68	2.10	15.99	29.57	-13.58
			AVG	52+26	72	12.5/14.7 (MCS11)	13.62	23.57	-9.95	2.10	15.72	29.57	-13.85
	5540	108	AVG	52+26	71	12.5/14.7 (MCS11)	13.74	23.57	-9.83	2.10	15.84	29.57	-13.73
			AVG	52+26	72	12.5/14.7 (MCS11)	13.78	23.57	-9.79	2.10	15.88	29.57	-13.69
	5580	116	AVG	52+26	71	12.5/14.7 (MCS11)	13.74	23.57	-9.83	2.10	15.84	29.57	-13.73
			AVG	52+26	72	12.5/14.7 (MCS11)	13.78	23.57	-9.79	2.10	15.88	29.57	-13.69
	5660	132	AVG	52+26	71	12.5/14.7 (MCS11)	13.89	23.57	-9.68	2.10	15.99	29.57	-13.58
			AVG	52+26	72	12.5/14.7 (MCS11)	13.78	23.57	-9.79	2.10	15.88	29.57	-13.69
	5680	136	AVG	52+26	71	12.5/14.7 (MCS11)	13.79	23.57	-9.78	2.10	15.89	29.57	-13.68
			AVG	52+26	72	12.5/14.7 (MCS11)	13.65	23.57	-9.92	2.10	15.75	29.57	-13.82
	5700	140	AVG	52+26	71	12.5/14.7 (MCS11)	13.89	23.57	-9.68	2.10	15.99	29.57	-13.58
			AVG	52+26	72	12.5/14.7 (MCS11)	13.80	23.57	-9.77	2.10	15.90	29.57	-13.67
	5720	144	AVG	52+26	71	12.5/14.7 (MCS11)	13.89	23.57	-9.68	2.10	15.99	29.57	-13.58
			AVG	52+26	72	12.5/14.7 (MCS11)	13.80	23.57	-9.77	2.10	15.90	29.57	-13.67
	5745	149	AVG	52+26	71	12.5/14.7 (MCS11)	13.91	30.00	-16.09	0.60	14.51	-	-
			AVG	52+26	72	12.5/14.7 (MCS11)	13.71	30.00	-16.29	0.60	14.31	-	-
	5785	157	AVG	52+26	71	12.5/14.7 (MCS11)	13.89	30.00	-16.12	0.60	14.49	-	-
			AVG	52+26	72	12.5/14.7 (MCS11)	13.80	30.00	-16.20	0.60	14.40	-	-
	5825	165	AVG	52+26	71	12.5/14.7 (MCS11)	13.76	30.00	-16.24	0.60	14.36	-	-
			AVG	52+26	72	12.5/14.7 (MCS11)	13.67	30.00	-16.33	0.60	14.27	-	-

Table 7-35. ISED Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 48 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106+26	82	12.5/14.7 (MCS11)	12.86	23.98	-11.12	3.40	16.26	22.56	-6.30
			AVG	106+26	83	12.5/14.7 (MCS11)	12.87	23.98	-11.11	3.40	16.27	22.56	-6.29
	5200	40	AVG	106+26	82	12.5/14.7 (MCS11)	14.34	23.98	-9.64	3.40	17.74	22.56	-4.83
			AVG	106+26	83	12.5/14.7 (MCS11)	14.45	23.98	-9.53	3.40	17.85	22.56	-4.72
	5240	48	AVG	106+26	82	12.5/14.7 (MCS11)	14.19	23.98	-9.79	3.40	17.59	22.56	-4.97
			AVG	106+26	83	12.5/14.7 (MCS11)	14.29	23.98	-9.69	3.40	17.69	22.56	-4.87
	5260	52	AVG	106+26	82	12.5/14.7 (MCS11)	15.78	23.57	-7.79	3.30	19.08	29.57	-10.49
			AVG	106+26	83	12.5/14.7 (MCS11)	15.80	23.57	-7.77	3.30	19.10	29.57	-10.47
	5300	60	AVG	106+26	82	12.5/14.7 (MCS11)	15.71	23.57	-7.86	3.30	19.01	29.57	-10.56
			AVG	106+26	83	12.5/14.7 (MCS11)	15.82	23.57	-7.75	3.30	19.12	29.57	-10.45
	5320	64	AVG	106+26	82	12.5/14.7 (MCS11)	15.62	23.57	-7.95	3.30	18.92	29.57	-10.65
			AVG	106+26	83	12.5/14.7 (MCS11)	15.65	23.57	-7.92	3.30	18.95	29.57	-10.62
	5500	100	AVG	106+26	82	12.5/14.7 (MCS11)	14.37	23.57	-9.20	2.10	16.47	29.57	-13.10
			AVG	106+26	83	12.5/14.7 (MCS11)	14.41	23.57	-9.16	2.10	16.51	29.57	-13.06
	5520	104	AVG	106+26	82	12.5/14.7 (MCS11)	15.89	23.57	-7.68	2.10	17.99	29.57	-11.58
			AVG	106+26	83	12.5/14.7 (MCS11)	15.86	23.57	-7.71	2.10	17.96	29.57	-11.61
	5540	108	AVG	106+26	82	12.5/14.7 (MCS11)	15.83	23.57	-7.74	2.10	17.93	29.57	-11.64
			AVG	106+26	83	12.5/14.7 (MCS11)	15.86	23.57	-7.71	2.10	17.96	29.57	-11.61
	5580	116	AVG	106+26	82	12.5/14.7 (MCS11)	15.78	23.57	-7.79	2.10	17.88	29.57	-11.69
			AVG	106+26	83	12.5/14.7 (MCS11)	15.77	23.57	-7.80	2.10	17.87	29.57	-11.70
	5660	132	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	23.57	-7.89	2.10	17.78	29.57	-11.79
			AVG	106+26	83	12.5/14.7 (MCS11)	15.71	23.57	-7.86	2.10	17.81	29.57	-11.76
	5680	136	AVG	106+26	82	12.5/14.7 (MCS11)	15.65	23.57	-7.92	2.10	17.75	29.57	-11.82
			AVG	106+26	83	12.5/14.7 (MCS11)	15.75	23.57	-7.82	2.10	17.85	29.57	-11.72
	5700	140	AVG	106+26	82	12.5/14.7 (MCS11)	13.61	23.57	-9.96	2.10	15.71	29.57	-13.86
			AVG	106+26	83	12.5/14.7 (MCS11)	13.60	23.57	-9.97	2.10	15.70	29.57	-13.87
	5720	144	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	23.57	-7.89	2.10	17.78	29.57	-11.79
			AVG	106+26	83	12.5/14.7 (MCS11)	15.76	23.57	-7.81	2.10	17.86	29.57	-11.71
	5745	149	AVG	106+26	82	12.5/14.7 (MCS11)	15.84	30.00	-14.16	0.60	16.44	-	-
			AVG	106+26	83	12.5/14.7 (MCS11)	15.77	30.00	-14.23	0.60	16.37	-	-
	5785	157	AVG	106+26	82	12.5/14.7 (MCS11)	15.90	30.00	-14.10	0.60	16.50	-	-
			AVG	106+26	83	12.5/14.7 (MCS11)	15.89	30.00	-14.12	0.60	16.49	-	-
	5825	165	AVG	106+26	82	12.5/14.7 (MCS11)	15.82	30.00	-14.18	0.60	16.42	-	-
			AVG	106+26	83	12.5/14.7 (MCS11)	15.79	30.00	-14.21	0.60	16.39	-	-

Table 7-36. ISED Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power (RU106+26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	484+242	90	243.8/286.8 (MCS11)	13.05	23.98	-10.93	3.40	16.45	22.56	-6.11
			AVG	484+242	91	243.8/286.8 (MCS11)	13.19	23.98	-10.79	3.40	16.59	22.56	-5.97
			AVG	484+242	92	243.8/286.8 (MCS11)	13.11	23.98	-10.87	3.40	16.51	22.56	-6.06
			AVG	484+242	93	243.8/286.8 (MCS11)	13.19	23.98	-10.79	3.40	16.59	22.56	-5.97
	5290	58	AVG	484+242	90	243.8/286.8 (MCS11)	13.42	23.57	-10.15	3.30	16.72	29.57	-12.85
			AVG	484+242	91	243.8/286.8 (MCS11)	13.50	23.57	-10.07	3.30	16.80	29.57	-12.77
			AVG	484+242	92	243.8/286.8 (MCS11)	13.32	23.57	-10.25	3.30	16.62	29.57	-12.95
			AVG	484+242	93	243.8/286.8 (MCS11)	13.16	23.57	-10.41	3.30	16.46	29.57	-13.11
	5530	106	AVG	484+242	90	243.8/286.8 (MCS11)	12.15	23.57	-11.42	2.10	14.25	29.57	-15.32
			AVG	484+242	91	243.8/286.8 (MCS11)	12.17	23.57	-11.40	2.10	14.27	29.57	-15.30
			AVG	484+242	92	243.8/286.8 (MCS11)	12.25	23.57	-11.32	2.10	14.35	29.57	-15.22
			AVG	484+242	93	243.8/286.8 (MCS11)	12.20	23.57	-11.37	2.10	14.30	29.57	-15.27
	5690	138	AVG	484+242	90	243.8/286.8 (MCS11)	18.47	23.57	-5.10	2.10	20.57	29.57	-9.00
			AVG	484+242	91	243.8/286.8 (MCS11)	18.49	23.57	-5.08	2.10	20.59	29.57	-8.98
			AVG	484+242	92	243.8/286.8 (MCS11)	18.40	23.57	-5.17	2.10	20.50	29.57	-9.07
			AVG	484+242	93	243.8/286.8 (MCS11)	18.18	23.57	-5.39	2.10	20.28	29.57	-9.29
	5775	155	AVG	484+242	90	243.8/286.8 (MCS11)	15.26	30.00	-14.74	0.60	15.86	-	-
			AVG	484+242	91	243.8/286.8 (MCS11)	15.23	30.00	-14.77	0.60	15.83	-	-
			AVG	484+242	92	243.8/286.8 (MCS11)	15.40	30.00	-14.60	0.60	16.00	-	-
			AVG	484+242	93	243.8/286.8 (MCS11)	15.43	30.00	-14.58	0.60	16.03	-	-

Table 7-37. ISED Antenna WF5B 80MHz BW (UNII) Maximum Conducted Output Power (RU484+242)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5250	50 (L)	AVG	996+484	94	25/29.4 (MCS11)	11.94	23.98	-12.04	3.40	15.34	22.56	-7.22
			AVG	996+484	95	25/29.4 (MCS11)	11.92	23.98	-12.06	3.40	15.32	22.56	-7.24
		50 (U)	AVG	996+484	94	25/29.4 (MCS11)	11.66	23.57	-11.91	3.30	14.96	22.56	-7.60
			AVG	996+484	95	25/29.4 (MCS11)	11.82	23.57	-11.75	3.30	15.12	22.56	-7.44

Table 7-38. ISED Antenna WF5B 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5250	50 (L)	AVG	996+484+242	96	25/29.4 (MCS11)	11.95	23.98	-12.03	3.40	15.35	22.56	-7.22
			AVG	996+484+242	97	25/29.4 (MCS11)	11.78	23.98	-12.20	3.40	15.18	22.56	-7.38
			AVG	996+484+242	98	25/29.4 (MCS11)	11.63	23.98	-12.35	3.40	15.03	22.56	-7.53
			AVG	996+484+242	99	25/29.4 (MCS11)	11.83	23.98	-12.15	3.40	15.23	22.56	-7.33
	5250	50 (U)	AVG	996+484+242	96	25/29.4 (MCS11)	11.66	23.57	-11.91	3.30	14.96	22.56	-7.60
			AVG	996+484+242	97	25/29.4 (MCS11)	11.91	23.57	-11.66	3.30	15.21	22.56	-7.36
			AVG	996+484+242	98	25/29.4 (MCS11)	11.94	23.57	-11.63	3.30	15.24	22.56	-7.32
			AVG	996+484+242	99	25/29.4 (MCS11)	11.74	23.57	-11.83	3.30	15.04	22.56	-7.52

Table 7-39. ISED Antenna WF5B 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 49 of 374	

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	15.74	-	-	3.40	19.14	22.56	-3.42
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	16.66	-	-	3.40	20.06	22.56	-2.50
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	16.57	-	-	3.40	19.97	22.56	-2.59
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	18.32	23.57	-5.25	3.30	21.62	29.57	-7.95
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	18.27	23.57	-5.30	3.30	21.57	29.57	-8.00
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.34	23.57	-7.23	3.30	19.64	29.57	-9.93
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.20	23.57	-9.37	2.10	16.30	29.57	-13.27
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	16.98	23.57	-6.59	2.10	19.08	29.57	-10.49
	5540	108	AVG	242	61	121.9/143.4 (MCS11)	18.45	23.57	-5.12	2.10	20.55	29.57	-9.02
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	18.26	23.57	-5.31	2.10	20.36	29.57	-9.21
	5660	132	AVG	242	61	121.9/143.4 (MCS11)	18.37	23.57	-5.20	2.10	20.47	29.57	-9.10
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	18.40	23.57	-5.17	2.10	20.50	29.57	-9.07
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.81	23.57	-9.76	2.10	15.91	29.57	-13.66
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	18.32	23.57	-5.25	2.10	20.42	29.57	-9.15
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	18.37	30.00	-11.63	0.60	18.97	-	-
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	18.13	30.00	-11.88	0.60	18.73	-	-
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	18.18	30.00	-11.82	0.60	18.78	-	-

Table 7-40. ISED Antenna WF5B 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	13.44	-	-	3.40	16.84	22.56	-5.72
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	18.19	-	-	3.40	21.59	22.56	-0.98
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	18.29	23.57	-5.28	3.30	21.59	29.57	-7.98
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.87	23.57	-9.70	3.30	17.17	29.57	-12.40
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	12.26	23.57	-11.31	2.10	14.36	29.57	-15.21
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	16.74	23.57	-6.83	2.10	18.84	29.57	-10.73
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	16.80	23.57	-6.77	2.10	18.90	29.57	-10.67
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	18.34	23.57	-5.23	2.10	20.44	29.57	-9.13
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	18.31	30.00	-11.69	0.60	18.91	-	-
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	18.18	30.00	-11.82	0.60	18.78	-	-

Table 7-41. ISED Antenna WF5B 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	13.22	-	-	3.40	16.62	22.56	-5.94
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.87	23.57	-9.70	3.30	17.17	29.57	-12.40
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	12.46	23.57	-11.11	2.10	14.56	29.57	-15.01
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	18.16	23.57	-5.41	2.10	20.26	29.57	-9.31
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	16.73	30.00	-13.27	0.60	17.33	-	-

Table 7-42. ISED Antenna WF5B 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5250	50	AVG	996x2	68	1020.8/1201 (MCS11)	11.83	23.98	-12.15	2.10	13.93	22.56	-8.63

Table 7-43. ISED Antenna WF5B 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 50 of 374

7.4.3 FCC Antenna 4a Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	10.39	23.98	-13.59
			AVG	26	4	12.5/14.7 (MCS11)	10.16	23.98	-13.82
			AVG	26	8	12.5/14.7 (MCS11)	10.44	23.98	-13.54
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	10.15	23.98	-13.83
			AVG	26	4	12.5/14.7 (MCS11)	10.31	23.98	-13.67
			AVG	26	8	12.5/14.7 (MCS11)	10.39	23.98	-13.59
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	10.26	23.98	-13.72
			AVG	26	4	12.5/14.7 (MCS11)	10.11	23.98	-13.87
			AVG	26	8	12.5/14.7 (MCS11)	10.33	23.98	-13.65
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	10.33	30.00	-19.67
			AVG	26	4	12.5/14.7 (MCS11)	10.49	30.00	-19.51
			AVG	26	8	12.5/14.7 (MCS11)	10.50	30.00	-19.50
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	10.13	30.00	-19.87
			AVG	26	4	12.5/14.7 (MCS11)	10.22	30.00	-19.78
			AVG	26	8	12.5/14.7 (MCS11)	10.28	30.00	-19.72
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	10.41	30.00	-19.59
			AVG	26	4	12.5/14.7 (MCS11)	10.12	30.00	-19.88
			AVG	26	8	12.5/14.7 (MCS11)	10.32	30.00	-19.68

Table 7-44. FCC Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	52	37	25/29.4 (MCS11)	13.35	23.98	-10.63
			AVG	52	39	25/29.4 (MCS11)	13.26	23.98	-10.72
			AVG	52	40	25/29.4 (MCS11)	13.43	23.98	-10.55
	5200	40	AVG	52	37	25/29.4 (MCS11)	13.30	23.98	-10.68
			AVG	52	39	25/29.4 (MCS11)	13.36	23.98	-10.62
			AVG	52	40	25/29.4 (MCS11)	13.46	23.98	-10.52
	5240	48	AVG	52	37	25/29.4 (MCS11)	13.34	23.98	-10.64
			AVG	52	39	25/29.4 (MCS11)	13.19	23.98	-10.79
			AVG	52	40	25/29.4 (MCS11)	13.43	23.98	-10.55
	5260	52	AVG	52	37	25/29.4 (MCS11)	13.20	23.57	-10.37
			AVG	52	39	25/29.4 (MCS11)	13.17	23.57	-10.40
			AVG	52	40	25/29.4 (MCS11)	13.26	23.57	-10.31
	5300	60	AVG	52	37	25/29.4 (MCS11)	13.21	23.57	-10.36
			AVG	52	39	25/29.4 (MCS11)	13.17	23.57	-10.40
			AVG	52	40	25/29.4 (MCS11)	13.15	23.57	-10.42
	5320	64	AVG	52	37	25/29.4 (MCS11)	13.45	23.57	-10.12
			AVG	52	39	25/29.4 (MCS11)	13.38	23.57	-10.19
			AVG	52	40	25/29.4 (MCS11)	13.39	23.57	-10.18
	5500	100	AVG	52	37	25/29.4 (MCS11)	13.28	23.57	-10.29
			AVG	52	39	25/29.4 (MCS11)	13.18	23.57	-10.39
			AVG	52	40	25/29.4 (MCS11)	13.11	23.57	-10.46
	5580	116	AVG	52	37	25/29.4 (MCS11)	13.32	23.57	-10.25
			AVG	52	39	25/29.4 (MCS11)	13.42	23.57	-10.15
			AVG	52	40	25/29.4 (MCS11)	13.33	23.57	-10.24
	5720	144	AVG	52	37	25/29.4 (MCS11)	13.29	23.57	-10.28
			AVG	52	39	25/29.4 (MCS11)	13.32	23.57	-10.25
			AVG	52	40	25/29.4 (MCS11)	13.24	23.57	-10.33
	5745	149	AVG	52	37	25/29.4 (MCS11)	13.28	30.00	-16.72
			AVG	52	39	25/29.4 (MCS11)	13.39	30.00	-16.61
			AVG	52	40	25/29.4 (MCS11)	13.21	30.00	-16.79
	5785	157	AVG	52	37	25/29.4 (MCS11)	13.30	30.00	-16.70
			AVG	52	39	25/29.4 (MCS11)	13.13	30.00	-16.87
			AVG	52	40	25/29.4 (MCS11)	13.27	30.00	-16.74
	5825	165	AVG	52	37	25/29.4 (MCS11)	13.39	30.00	-16.61
			AVG	52	39	25/29.4 (MCS11)	13.18	30.00	-16.82
			AVG	52	40	25/29.4 (MCS11)	13.32	30.00	-16.68

Table 7-45. FCC Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power (RU52)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 51 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106	53	53.1/62.5 (MCS11)	15.78	23.98	-8.20
			AVG	106	54	53.1/62.5 (MCS11)	15.82	23.98	-8.16
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	16.20	23.98	-7.78
			AVG	106	54	53.1/62.5 (MCS11)	16.28	23.98	-7.70
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	16.46	23.98	-7.52
			AVG	106	54	53.1/62.5 (MCS11)	16.30	23.98	-7.68
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	16.28	23.57	-7.29
			AVG	106	54	53.1/62.5 (MCS11)	16.37	23.57	-7.20
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	16.19	23.57	-7.38
			AVG	106	54	53.1/62.5 (MCS11)	16.29	23.57	-7.28
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	16.14	23.57	-7.43
			AVG	106	54	53.1/62.5 (MCS11)	16.28	23.57	-7.29
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.96	23.57	-8.61
			AVG	106	54	53.1/62.5 (MCS11)	14.79	23.57	-8.78
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	16.31	23.57	-7.26
			AVG	106	54	53.1/62.5 (MCS11)	16.38	23.57	-7.19
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.89	23.57	-9.68
			AVG	106	54	53.1/62.5 (MCS11)	13.96	23.57	-9.61
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	16.15	23.57	-7.42
			AVG	106	54	53.1/62.5 (MCS11)	16.44	23.57	-7.13
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	16.39	30.00	-13.61
			AVG	106	54	53.1/62.5 (MCS11)	16.46	30.00	-13.54
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	16.43	30.00	-13.57
			AVG	106	54	53.1/62.5 (MCS11)	16.44	30.00	-13.56
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	16.31	30.00	-13.69
			AVG	106	54	53.1/62.5 (MCS11)	16.16	30.00	-13.84

Table 7-46. FCC Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power (RU106)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	52+26	71	12.5/14.7 (MCS11)	14.84	23.98	-9.14
			AVG	52+26	72	12.5/14.7 (MCS11)	14.91	23.98	-9.07
	5200	40	AVG	52+26	71	12.5/14.7 (MCS11)	14.96	23.98	-9.02
			AVG	52+26	72	12.5/14.7 (MCS11)	14.83	23.98	-9.15
	5240	48	AVG	52+26	71	12.5/14.7 (MCS11)	14.94	23.98	-9.04
			AVG	52+26	72	12.5/14.7 (MCS11)	14.87	23.98	-9.11
	5260	52	AVG	52+26	71	12.5/14.7 (MCS11)	14.85	23.57	-8.72
			AVG	52+26	72	12.5/14.7 (MCS11)	14.74	23.57	-8.83
	5300	60	AVG	52+26	71	12.5/14.7 (MCS11)	14.70	23.57	-8.87
			AVG	52+26	72	12.5/14.7 (MCS11)	14.83	23.57	-8.74
	5320	64	AVG	52+26	71	12.5/14.7 (MCS11)	14.99	23.57	-8.58
			AVG	52+26	72	12.5/14.7 (MCS11)	14.98	23.57	-8.59
	5500	100	AVG	52+26	71	12.5/14.7 (MCS11)	14.20	23.57	-9.37
			AVG	52+26	72	12.5/14.7 (MCS11)	14.07	23.57	-9.50
	5520	104	AVG	52+26	71	12.5/14.7 (MCS11)	14.65	23.57	-8.92
			AVG	52+26	72	12.5/14.7 (MCS11)	14.91	23.57	-8.66
	5540	108	AVG	52+26	71	12.5/14.7 (MCS11)	14.63	23.57	-8.94
			AVG	52+26	72	12.5/14.7 (MCS11)	14.95	23.57	-8.62
	5580	116	AVG	52+26	71	12.5/14.7 (MCS11)	14.81	23.57	-8.76
			AVG	52+26	72	12.5/14.7 (MCS11)	14.62	23.57	-8.95
	5660	132	AVG	52+26	71	12.5/14.7 (MCS11)	14.92	23.57	-8.65
			AVG	52+26	72	12.5/14.7 (MCS11)	14.83	23.57	-8.74
	5680	136	AVG	52+26	71	12.5/14.7 (MCS11)	14.90	23.57	-8.67
			AVG	52+26	72	12.5/14.7 (MCS11)	14.70	23.57	-8.87
	5700	140	AVG	52+26	71	12.5/14.7 (MCS11)	13.40	23.57	-10.17
			AVG	52+26	72	12.5/14.7 (MCS11)	13.30	23.57	-10.27
	5720	144	AVG	52+26	71	12.5/14.7 (MCS11)	14.83	23.57	-8.74
			AVG	52+26	72	12.5/14.7 (MCS11)	14.71	23.57	-8.86
	5745	149	AVG	52+26	71	12.5/14.7 (MCS11)	14.85	30.00	-15.15
			AVG	52+26	72	12.5/14.7 (MCS11)	14.67	30.00	-15.33
	5785	157	AVG	52+26	71	12.5/14.7 (MCS11)	14.84	30.00	-15.16
			AVG	52+26	72	12.5/14.7 (MCS11)	14.74	30.00	-15.26
	5825	165	AVG	52+26	71	12.5/14.7 (MCS11)	14.88	30.00	-15.12
			AVG	52+26	72	12.5/14.7 (MCS11)	14.78	30.00	-15.22

Table 7-47. FCC Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 52 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106+26	82	12.5/14.7 (MCS11)	15.97	23.98	-8.01
			AVG	106+26	83	12.5/14.7 (MCS11)	15.98	23.98	-8.00
	5200	40	AVG	106+26	82	12.5/14.7 (MCS11)	16.94	23.98	-7.04
			AVG	106+26	83	12.5/14.7 (MCS11)	16.99	23.98	-6.99
	5240	48	AVG	106+26	82	12.5/14.7 (MCS11)	16.96	23.98	-7.02
			AVG	106+26	83	12.5/14.7 (MCS11)	17.00	23.98	-6.98
	5260	52	AVG	106+26	82	12.5/14.7 (MCS11)	16.84	23.57	-6.73
			AVG	106+26	83	12.5/14.7 (MCS11)	16.90	23.57	-6.67
	5300	60	AVG	106+26	82	12.5/14.7 (MCS11)	16.68	23.57	-6.89
			AVG	106+26	83	12.5/14.7 (MCS11)	16.76	23.57	-6.81
	5320	64	AVG	106+26	82	12.5/14.7 (MCS11)	16.27	23.57	-7.30
			AVG	106+26	83	12.5/14.7 (MCS11)	16.38	23.57	-7.19
	5500	100	AVG	106+26	82	12.5/14.7 (MCS11)	14.75	23.57	-8.82
			AVG	106+26	83	12.5/14.7 (MCS11)	14.75	23.57	-8.82
	5520	104	AVG	106+26	82	12.5/14.7 (MCS11)	16.87	23.57	-6.70
			AVG	106+26	83	12.5/14.7 (MCS11)	16.88	23.57	-6.69
	5540	108	AVG	106+26	82	12.5/14.7 (MCS11)	16.83	23.57	-6.74
			AVG	106+26	83	12.5/14.7 (MCS11)	16.80	23.57	-6.77
	5580	116	AVG	106+26	82	12.5/14.7 (MCS11)	16.92	23.57	-6.65
			AVG	106+26	83	12.5/14.7 (MCS11)	16.85	23.57	-6.72
	5660	132	AVG	106+26	82	12.5/14.7 (MCS11)	16.67	23.57	-6.90
			AVG	106+26	83	12.5/14.7 (MCS11)	16.72	23.57	-6.85
	5680	136	AVG	106+26	82	12.5/14.7 (MCS11)	16.68	23.57	-6.89
			AVG	106+26	83	12.5/14.7 (MCS11)	16.73	23.57	-6.84
	5700	140	AVG	106+26	82	12.5/14.7 (MCS11)	13.89	23.57	-9.68
			AVG	106+26	83	12.5/14.7 (MCS11)	13.97	23.57	-9.60
	5720	144	AVG	106+26	82	12.5/14.7 (MCS11)	16.90	23.57	-6.67
			AVG	106+26	83	12.5/14.7 (MCS11)	16.80	23.57	-6.77
	5745	149	AVG	106+26	82	12.5/14.7 (MCS11)	16.84	30.00	-13.16
			AVG	106+26	83	12.5/14.7 (MCS11)	16.79	30.00	-13.21
	5785	157	AVG	106+26	82	12.5/14.7 (MCS11)	16.72	30.00	-13.28
			AVG	106+26	83	12.5/14.7 (MCS11)	16.63	30.00	-13.37
	5825	165	AVG	106+26	82	12.5/14.7 (MCS11)	16.74	30.00	-13.26
			AVG	106+26	83	12.5/14.7 (MCS11)	16.72	30.00	-13.28

Table 7-48. FCC Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power (RU106+26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	484+242	90	243.8/286.8 (MCS11)	13.39	23.98	-10.59
			AVG	484+242	91	243.8/286.8 (MCS11)	13.20	23.98	-10.78
			AVG	484+242	92	243.8/286.8 (MCS11)	13.13	23.98	-10.85
			AVG	484+242	93	243.8/286.8 (MCS11)	13.47	23.98	-10.51
	5290	58	AVG	484+242	90	243.8/286.8 (MCS11)	13.92	23.57	-9.65
			AVG	484+242	91	243.8/286.8 (MCS11)	13.69	23.57	-9.88
			AVG	484+242	92	243.8/286.8 (MCS11)	13.74	23.57	-9.83
			AVG	484+242	93	243.8/286.8 (MCS11)	13.76	23.57	-9.81
	5530	106	AVG	484+242	90	243.8/286.8 (MCS11)	12.84	23.57	-10.73
			AVG	484+242	91	243.8/286.8 (MCS11)	12.84	23.57	-10.73
			AVG	484+242	92	243.8/286.8 (MCS11)	12.64	23.57	-10.93
			AVG	484+242	93	243.8/286.8 (MCS11)	12.94	23.57	-10.63
	5610	122	AVG	484+242	90	243.8/286.8 (MCS11)	18.87	23.57	-4.70
			AVG	484+242	91	243.8/286.8 (MCS11)	19.00	23.57	-4.57
			AVG	484+242	92	243.8/286.8 (MCS11)	18.96	23.57	-4.61
			AVG	484+242	93	243.8/286.8 (MCS11)	18.65	23.57	-4.92
	5690	138	AVG	484+242	90	243.8/286.8 (MCS11)	19.16	23.57	-4.41
			AVG	484+242	91	243.8/286.8 (MCS11)	19.24	23.57	-4.33
			AVG	484+242	92	243.8/286.8 (MCS11)	19.41	23.57	-4.16
			AVG	484+242	93	243.8/286.8 (MCS11)	19.43	23.57	-4.14
	5775	155	AVG	484+242	90	243.8/286.8 (MCS11)	16.66	30.00	-13.34
			AVG	484+242	91	243.8/286.8 (MCS11)	16.77	30.00	-13.24
			AVG	484+242	92	243.8/286.8 (MCS11)	16.99	30.00	-13.02
			AVG	484+242	93	243.8/286.8 (MCS11)	16.86	30.00	-13.14

Table 7-49. FCC Antenna 4a 80MHz BW (UNII) Maximum Conducted Output Power (RU484+242)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 53 of 374

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	996+484	94	25/29.4 (MCS11)	11.87	23.98	-12.11
			AVG	996+484	95	25/29.4 (MCS11)	11.89	23.98	-12.09
		50 (U)	AVG	996+484	94	25/29.4 (MCS11)	11.73	23.57	-11.84
			AVG	996+484	95	25/29.4 (MCS11)	11.84	23.57	-11.73
	5570	114 (L)	AVG	996+484	94	25/29.4 (MCS11)	11.49	23.57	-12.08
			AVG	996+484	95	25/29.4 (MCS11)	11.40	23.57	-12.17
		114 (U)	AVG	996+484	94	25/29.4 (MCS11)	11.50	23.57	-12.07
			AVG	996+484	95	25/29.4 (MCS11)	11.49	23.57	-12.08

Table 7-50. FCC Antenna 4a 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	996+484+242	96	25/29.4 (MCS11)	11.90	23.98	-12.08
			AVG	996+484+242	97	25/29.4 (MCS11)	11.78	23.98	-12.20
			AVG	996+484+242	98	25/29.4 (MCS11)	11.86	23.98	-12.12
			AVG	996+484+242	99	25/29.4 (MCS11)	11.78	23.98	-12.20
	5250	50 (U)	AVG	996+484+242	96	25/29.4 (MCS11)	11.85	23.57	-11.72
			AVG	996+484+242	97	25/29.4 (MCS11)	11.87	23.57	-11.70
			AVG	996+484+242	98	25/29.4 (MCS11)	11.90	23.57	-11.67
			AVG	996+484+242	99	25/29.4 (MCS11)	11.84	23.57	-11.73
	5570	114 (L)	AVG	996+484+242	96	25/29.4 (MCS11)	11.34	23.57	-12.23
			AVG	996+484+242	97	25/29.4 (MCS11)	11.25	23.57	-12.32
			AVG	996+484+242	98	25/29.4 (MCS11)	11.46	23.57	-12.11
			AVG	996+484+242	99	25/29.4 (MCS11)	11.49	23.57	-12.08
	5570	114 (U)	AVG	996+484+242	96	25/29.4 (MCS11)	11.31	23.57	-12.26
			AVG	996+484+242	97	25/29.4 (MCS11)	11.23	23.57	-12.34
			AVG	996+484+242	98	25/29.4 (MCS11)	11.19	23.57	-12.38
			AVG	996+484+242	99	25/29.4 (MCS11)	11.11	23.57	-12.46

Table 7-51. FCC Antenna 4a 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	15.81	23.98	-8.17
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	19.17	23.98	-4.81
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	19.28	23.98	-4.70
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	19.32	23.57	-4.25
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	19.16	23.57	-4.41
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.46	23.57	-7.11
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.80	23.57	-8.77
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	19.40	23.57	-4.17
	5540	108	AVG	242	61	121.9/143.4 (MCS11)	19.36	23.57	-4.21
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	19.31	23.57	-4.26
	5660	132	AVG	242	61	121.9/143.4 (MCS11)	19.21	23.57	-4.36
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	19.21	23.57	-4.36
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.89	23.57	-9.68
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	19.23	23.57	-4.34
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	19.21	30.00	-10.79
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	19.46	30.00	-10.54
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	19.30	30.00	-10.71

Table 7-52. FCC Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 54 of 374

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	13.18	23.98	-10.80
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	19.33	23.98	-4.65
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	19.32	23.57	-4.25
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.88	23.57	-9.69
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	12.80	23.57	-10.77
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	19.32	23.57	-4.25
	5590	118	AVG	484	65	243.8/286.8 (MCS11)	19.45	23.57	-4.12
	5630	126	AVG	484	65	243.8/286.8 (MCS11)	19.11	23.57	-4.46
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	16.23	23.57	-7.34
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	19.34	23.57	-4.23
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	19.43	30.00	-10.57
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	19.31	30.00	-10.70

Table 7-53. FCC Antenna 4a 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	13.11	23.98	-10.87
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.91	23.57	-9.66
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	12.93	23.57	-10.64
	5610	122	AVG	996	67	510.4/600.5 (MCS11)	19.37	23.57	-4.20
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	19.42	23.57	-4.15
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	16.68	30.00	-13.32

Table 7-54. FCC Antenna 4a 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	AVG	996x2	68	1020.8/1201 (MCS11)	12.18	23.98	-11.80
	5570	114	AVG	996x2	68	1020.8/1201 (MCS11)	12.30	23.57	-11.27

Table 7-55. FCC Antenna 4a 160MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 55 of 374

7.4.4 ISED Antenna 4a Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	10.27	-	-	-0.90	9.37	22.56	-13.19
			AVG	26	4	12.5/14.7 (MCS11)	10.13	-	-	-0.90	9.23	22.56	-13.33
			AVG	26	8	12.5/14.7 (MCS11)	10.25	-	-	-0.90	9.35	22.56	-13.22
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	10.39	-	-	-0.90	9.49	22.56	-13.07
			AVG	26	4	12.5/14.7 (MCS11)	10.50	-	-	-0.90	9.60	22.56	-12.97
			AVG	26	8	12.5/14.7 (MCS11)	10.41	-	-	-0.90	9.51	22.56	-13.06
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	10.23	-	-	-0.90	9.33	22.56	-13.23
			AVG	26	4	12.5/14.7 (MCS11)	10.17	-	-	-0.90	9.27	22.56	-13.29
			AVG	26	8	12.5/14.7 (MCS11)	10.28	-	-	-0.90	9.38	22.56	-13.18
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	10.33	30.00	-19.67	0.10	10.43	-	-
			AVG	26	4	12.5/14.7 (MCS11)	10.49	30.00	-19.51	0.10	10.59	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.50	30.00	-19.50	0.10	10.60	-	-
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	10.13	30.00	-19.87	0.10	10.23	-	-
			AVG	26	4	12.5/14.7 (MCS11)	10.22	30.00	-19.78	0.10	10.32	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.28	30.00	-19.72	0.10	10.38	-	-
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	10.41	30.00	-19.59	0.10	10.51	-	-
			AVG	26	4	12.5/14.7 (MCS11)	10.12	30.00	-19.88	0.10	10.22	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.32	30.00	-19.68	0.10	10.42	-	-

Table 7-56. ISED Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	52	37	25/29.4 (MCS11)	13.41	-	-	-0.90	12.51	22.56	-10.05
			AVG	52	39	25/29.4 (MCS11)	13.20	-	-	-0.90	12.30	22.56	-10.26
			AVG	52	40	25/29.4 (MCS11)	13.41	-	-	-0.90	12.51	22.56	-10.05
	5200	40	AVG	52	37	25/29.4 (MCS11)	13.30	-	-	-0.90	12.40	22.56	-10.17
			AVG	52	39	25/29.4 (MCS11)	13.15	-	-	-0.90	12.25	22.56	-10.31
			AVG	52	40	25/29.4 (MCS11)	13.33	-	-	-0.90	12.43	22.56	-10.13
	5240	48	AVG	52	37	25/29.4 (MCS11)	13.31	-	-	-0.90	12.41	22.56	-10.15
			AVG	52	39	25/29.4 (MCS11)	13.29	-	-	-0.90	12.39	22.56	-10.17
			AVG	52	40	25/29.4 (MCS11)	13.34	-	-	-0.90	12.44	22.56	-10.12
	5260	52	AVG	52	37	25/29.4 (MCS11)	13.20	23.57	-10.37	-0.40	12.80	29.57	-16.77
			AVG	52	39	25/29.4 (MCS11)	13.17	23.57	-10.40	-0.40	12.77	29.57	-16.80
			AVG	52	40	25/29.4 (MCS11)	13.26	23.57	-10.31	-0.40	12.86	29.57	-16.71
	5300	60	AVG	52	37	25/29.4 (MCS11)	13.21	23.57	-10.36	-0.40	12.81	29.57	-16.76
			AVG	52	39	25/29.4 (MCS11)	13.17	23.57	-10.40	-0.40	12.77	29.57	-16.80
			AVG	52	40	25/29.4 (MCS11)	13.15	23.57	-10.42	-0.40	12.75	29.57	-16.82
	5320	64	AVG	52	37	25/29.4 (MCS11)	13.45	23.57	-10.12	-0.40	13.05	29.57	-16.52
			AVG	52	39	25/29.4 (MCS11)	13.38	23.57	-10.19	-0.40	12.98	29.57	-16.59
			AVG	52	40	25/29.4 (MCS11)	13.39	23.57	-10.18	-0.40	12.99	29.57	-16.58
	5500	100	AVG	52	37	25/29.4 (MCS11)	13.28	23.57	-10.29	-0.10	13.18	29.57	-16.39
			AVG	52	39	25/29.4 (MCS11)	13.18	23.57	-10.39	-0.10	13.08	29.57	-16.49
			AVG	52	40	25/29.4 (MCS11)	13.11	23.57	-10.46	-0.10	13.01	29.57	-16.56
	5580	116	AVG	52	37	25/29.4 (MCS11)	13.32	23.57	-10.25	-0.10	13.22	29.57	-16.35
			AVG	52	39	25/29.4 (MCS11)	13.42	23.57	-10.15	-0.10	13.32	29.57	-16.25
			AVG	52	40	25/29.4 (MCS11)	13.33	23.57	-10.24	-0.10	13.23	29.57	-16.34
	5720	144	AVG	52	37	25/29.4 (MCS11)	13.29	23.57	-10.28	-0.10	13.19	29.57	-16.38
			AVG	52	39	25/29.4 (MCS11)	13.32	23.57	-10.25	-0.10	13.22	29.57	-16.35
			AVG	52	40	25/29.4 (MCS11)	13.24	23.57	-10.33	-0.10	13.14	29.57	-16.43
	5745	149	AVG	52	37	25/29.4 (MCS11)	13.28	30.00	-16.72	0.10	13.38	-	-
			AVG	52	39	25/29.4 (MCS11)	13.39	30.00	-16.61	0.10	13.49	-	-
			AVG	52	40	25/29.4 (MCS11)	13.21	30.00	-16.79	0.10	13.31	-	-
	5785	157	AVG	52	37	25/29.4 (MCS11)	13.30	30.00	-16.70	0.10	13.40	-	-
			AVG	52	39	25/29.4 (MCS11)	13.13	30.00	-16.87	0.10	13.23	-	-
			AVG	52	40	25/29.4 (MCS11)	13.27	30.00	-16.74	0.10	13.37	-	-
	5825	165	AVG	52	37	25/29.4 (MCS11)	13.39	30.00	-16.61	0.10	13.49	-	-
			AVG	52	39	25/29.4 (MCS11)	13.18	30.00	-16.82	0.10	13.28	-	-
			AVG	52	40	25/29.4 (MCS11)	13.32	30.00	-16.68	0.10	13.42	-	-

Table 7-57. ISED Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 56 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106	53	53.1/62.5 (MCS11)	15.78	-	-	-0.90	14.88	22.56	-7.68
			AVG	106	54	53.1/62.5 (MCS11)	15.85	-	-	-0.90	14.95	22.56	-7.61
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	16.18	-	-	-0.90	15.28	22.56	-7.28
			AVG	106	54	53.1/62.5 (MCS11)	16.21	-	-	-0.90	15.31	22.56	-7.26
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	16.30	-	-	-0.90	15.40	22.56	-7.16
			AVG	106	54	53.1/62.5 (MCS11)	16.34	-	-	-0.90	15.44	22.56	-7.12
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	16.28	23.57	-7.29	-0.40	15.88	29.57	-13.69
			AVG	106	54	53.1/62.5 (MCS11)	16.37	23.57	-7.20	-0.40	15.97	29.57	-13.60
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	16.19	23.57	-7.38	-0.40	15.79	29.57	-13.78
			AVG	106	54	53.1/62.5 (MCS11)	16.29	23.57	-7.28	-0.40	15.89	29.57	-13.68
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	16.14	23.57	-7.43	-0.40	15.74	29.57	-13.83
			AVG	106	54	53.1/62.5 (MCS11)	16.28	23.57	-7.29	-0.40	15.88	29.57	-13.69
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.96	23.57	-8.61	-0.10	14.86	29.57	-14.71
			AVG	106	54	53.1/62.5 (MCS11)	14.79	23.57	-8.78	-0.10	14.69	29.57	-14.88
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	16.31	23.57	-7.26	-0.10	16.21	29.57	-13.36
			AVG	106	54	53.1/62.5 (MCS11)	16.38	23.57	-7.19	-0.10	16.28	29.57	-13.29
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.89	23.57	-9.68	-0.10	13.79	29.57	-15.78
			AVG	106	54	53.1/62.5 (MCS11)	13.96	23.57	-9.61	-0.10	13.86	29.57	-15.71
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	16.15	23.57	-7.42	-0.10	16.05	29.57	-13.52
			AVG	106	54	53.1/62.5 (MCS11)	16.44	23.57	-7.13	-0.10	16.34	29.57	-13.23
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	16.39	30.00	-13.61	0.10	16.49	-	-
			AVG	106	54	53.1/62.5 (MCS11)	16.46	30.00	-13.54	0.10	16.56	-	-
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	16.43	30.00	-13.57	0.10	16.53	-	-
			AVG	106	54	53.1/62.5 (MCS11)	16.44	30.00	-13.56	0.10	16.54	-	-
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	16.31	30.00	-13.69	0.10	16.41	-	-
			AVG	106	54	53.1/62.5 (MCS11)	16.16	30.00	-13.84	0.10	16.26	-	-

Table 7-58. ISED Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU106)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	52+26	71	12.5/14.7 (MCS11)	14.89	23.98	-9.09	-0.90	13.99	22.56	-8.57
			AVG	52+26	72	12.5/14.7 (MCS11)	14.87	23.98	-9.11	-0.90	13.97	22.56	-8.59
	5200	40	AVG	52+26	71	12.5/14.7 (MCS11)	14.90	23.98	-9.08	-0.90	14.00	22.56	-8.56
			AVG	52+26	72	12.5/14.7 (MCS11)	14.90	23.98	-9.08	-0.90	14.00	22.56	-8.56
	5240	48	AVG	52+26	71	12.5/14.7 (MCS11)	14.75	23.98	-9.23	-0.90	13.85	22.56	-8.71
			AVG	52+26	72	12.5/14.7 (MCS11)	14.66	23.98	-9.32	-0.90	13.76	22.56	-8.81
	5260	52	AVG	52+26	71	12.5/14.7 (MCS11)	14.85	23.57	-8.72	-0.40	14.45	29.57	-15.12
			AVG	52+26	72	12.5/14.7 (MCS11)	14.74	23.57	-8.83	-0.40	14.34	29.57	-15.23
	5300	60	AVG	52+26	71	12.5/14.7 (MCS11)	14.70	23.57	-8.87	-0.40	14.30	29.57	-15.27
			AVG	52+26	72	12.5/14.7 (MCS11)	14.83	23.57	-8.74	-0.40	14.43	29.57	-15.14
	5320	64	AVG	52+26	71	12.5/14.7 (MCS11)	14.99	23.57	-8.58	-0.40	14.59	29.57	-14.98
			AVG	52+26	72	12.5/14.7 (MCS11)	14.98	23.57	-8.59	-0.40	14.58	29.57	-14.99
	5500	100	AVG	52+26	71	12.5/14.7 (MCS11)	14.20	23.57	-9.37	-0.10	14.10	29.57	-15.47
			AVG	52+26	72	12.5/14.7 (MCS11)	14.07	23.57	-9.50	-0.10	13.97	29.57	-15.60
	5520	104	AVG	52+26	71	12.5/14.7 (MCS11)	14.63	23.57	-8.94	-0.10	14.53	29.57	-15.04
			AVG	52+26	72	12.5/14.7 (MCS11)	14.95	23.57	-8.62	-0.10	14.85	29.57	-14.72
	5540	108	AVG	52+26	71	12.5/14.7 (MCS11)	14.81	23.57	-8.76	-0.10	14.71	29.57	-14.86
			AVG	52+26	72	12.5/14.7 (MCS11)	14.62	23.57	-8.95	-0.10	14.52	29.57	-15.05
	5580	116	AVG	52+26	71	12.5/14.7 (MCS11)	14.81	23.57	-8.76	-0.10	14.71	29.57	-14.86
			AVG	52+26	72	12.5/14.7 (MCS11)	14.62	23.57	-8.95	-0.10	14.52	29.57	-15.05
	5660	132	AVG	52+26	71	12.5/14.7 (MCS11)	14.90	23.57	-8.67	-0.10	14.80	29.57	-14.77
			AVG	52+26	72	12.5/14.7 (MCS11)	14.70	23.57	-8.87	-0.10	14.60	29.57	-14.97
	5680	136	AVG	52+26	71	12.5/14.7 (MCS11)	13.40	23.57	-10.17	-0.10	13.30	29.57	-16.27
			AVG	52+26	72	12.5/14.7 (MCS11)	13.30	23.57	-10.27	-0.10	13.20	29.57	-16.37
	5700	140	AVG	52+26	71	12.5/14.7 (MCS11)	14.83	23.57	-8.74	-0.10	14.73	29.57	-14.84
			AVG	52+26	72	12.5/14.7 (MCS11)	14.71	23.57	-8.86	-0.10	14.61	29.57	-14.96
	5720	144	AVG	52+26	71	12.5/14.7 (MCS11)	14.83	23.57	-8.74	-0.10	14.73	29.57	-14.84
			AVG	52+26	72	12.5/14.7 (MCS11)	14.71	23.57	-8.86	-0.10	14.61	29.57	-14.96
	5745	149	AVG	52+26	71	12.5/14.7 (MCS11)	14.85	30.00	-15.15	0.10	14.95	-	-
			AVG	52+26	72	12.5/14.7 (MCS11)	14.67	30.00	-15.33	0.10	14.77	-	-
	5785	157	AVG	52+26	71	12.5/14.7 (MCS11)	14.84	30.00	-15.16	0.10	14.94	-	-
			AVG	52+26	72	12.5/14.7 (MCS11)	14.74	30.00	-15.26	0.10	14.84	-	-
	5825	165	AVG	52+26	71	12.5/14.7 (MCS11)	14.88	30.00	-15.12	0.10	14.98	-	-
			AVG	52+26	72	12.5/14.7 (MCS11)	14.78	30.00	-15.22	0.10	14.88	-	-

Table 7-59. ISED Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 57 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106+26	82	12.5/14.7 (MCS11)	15.83	23.98	-8.15	-0.90	14.93	22.56	-7.63
			AVG	106+26	83	12.5/14.7 (MCS11)	15.90	23.98	-8.08	-0.90	15.00	22.56	-7.56
	5200	40	AVG	106+26	82	12.5/14.7 (MCS11)	16.72	23.98	-7.26	-0.90	15.82	22.56	-6.74
			AVG	106+26	83	12.5/14.7 (MCS11)	16.87	23.98	-7.11	-0.90	15.97	22.56	-6.59
	5240	48	AVG	106+26	82	12.5/14.7 (MCS11)	16.73	23.98	-7.25	-0.90	15.83	22.56	-6.73
			AVG	106+26	83	12.5/14.7 (MCS11)	16.86	23.98	-7.12	-0.90	15.96	22.56	-6.60
	5260	52	AVG	106+26	82	12.5/14.7 (MCS11)	16.84	23.57	-6.73	-0.40	16.44	29.57	-13.13
			AVG	106+26	83	12.5/14.7 (MCS11)	16.90	23.57	-6.67	-0.40	16.50	29.57	-13.07
	5300	60	AVG	106+26	82	12.5/14.7 (MCS11)	16.68	23.57	-6.89	-0.40	16.28	29.57	-13.29
			AVG	106+26	83	12.5/14.7 (MCS11)	16.76	23.57	-6.81	-0.40	16.36	29.57	-13.21
	5320	64	AVG	106+26	82	12.5/14.7 (MCS11)	16.27	23.57	-7.30	-0.40	15.87	29.57	-13.70
			AVG	106+26	83	12.5/14.7 (MCS11)	16.38	23.57	-7.19	-0.40	15.98	29.57	-13.59
	5500	100	AVG	106+26	82	12.5/14.7 (MCS11)	14.75	23.57	-8.82	-0.10	14.65	29.57	-14.92
			AVG	106+26	83	12.5/14.7 (MCS11)	14.75	23.57	-8.82	-0.10	14.65	29.57	-14.92
	5520	104	AVG	106+26	82	12.5/14.7 (MCS11)	16.87	23.57	-6.70	-0.10	16.77	29.57	-12.80
			AVG	106+26	83	12.5/14.7 (MCS11)	16.88	23.57	-6.69	-0.10	16.78	29.57	-12.79
	5540	108	AVG	106+26	82	12.5/14.7 (MCS11)	16.83	23.57	-6.74	-0.10	16.73	29.57	-12.84
			AVG	106+26	83	12.5/14.7 (MCS11)	16.80	23.57	-6.77	-0.10	16.70	29.57	-12.87
	5580	116	AVG	106+26	82	12.5/14.7 (MCS11)	16.92	23.57	-6.65	-0.10	16.82	29.57	-12.75
			AVG	106+26	83	12.5/14.7 (MCS11)	16.85	23.57	-6.72	-0.10	16.75	29.57	-12.82
	5660	132	AVG	106+26	82	12.5/14.7 (MCS11)	16.67	23.57	-6.90	-0.10	16.57	29.57	-13.00
			AVG	106+26	83	12.5/14.7 (MCS11)	16.72	23.57	-6.85	-0.10	16.62	29.57	-12.95
	5680	136	AVG	106+26	82	12.5/14.7 (MCS11)	16.68	23.57	-6.89	-0.10	16.58	29.57	-12.99
			AVG	106+26	83	12.5/14.7 (MCS11)	16.73	23.57	-6.84	-0.10	16.63	29.57	-12.94
	5700	140	AVG	106+26	82	12.5/14.7 (MCS11)	13.89	23.57	-9.68	-0.10	13.79	29.57	-15.78
			AVG	106+26	83	12.5/14.7 (MCS11)	13.97	23.57	-9.60	-0.10	13.87	29.57	-15.70
	5720	144	AVG	106+26	82	12.5/14.7 (MCS11)	16.90	23.57	-6.67	-0.10	16.80	29.57	-12.77
			AVG	106+26	83	12.5/14.7 (MCS11)	16.80	23.57	-6.77	-0.10	16.70	29.57	-12.87
	5745	149	AVG	106+26	82	12.5/14.7 (MCS11)	16.84	30.00	-13.16	0.10	16.94	-	-
			AVG	106+26	83	12.5/14.7 (MCS11)	16.79	30.00	-13.21	0.10	16.89	-	-
	5785	157	AVG	106+26	82	12.5/14.7 (MCS11)	16.72	30.00	-13.28	0.10	16.82	-	-
			AVG	106+26	83	12.5/14.7 (MCS11)	16.63	30.00	-13.37	0.10	16.73	-	-
	5825	165	AVG	106+26	82	12.5/14.7 (MCS11)	16.74	30.00	-13.26	0.10	16.84	-	-
			AVG	106+26	83	12.5/14.7 (MCS11)	16.72	30.00	-13.28	0.10	16.82	-	-

Table 7-60. ISSED Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power (RU106+26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	484+242	90	243.8/286.8 (MCS11)	13.45	23.98	-10.53	-0.90	12.55	22.56	-10.01
			AVG	484+242	91	243.8/286.8 (MCS11)	13.26	23.98	-10.72	-0.90	12.36	22.56	-10.20
			AVG	484+242	92	243.8/286.8 (MCS11)	13.25	23.98	-10.73	-0.90	12.35	22.56	-10.21
			AVG	484+242	93	243.8/286.8 (MCS11)	13.35	23.98	-10.63	-0.90	12.45	22.56	-10.11
	5290	58	AVG	484+242	90	243.8/286.8 (MCS11)	13.92	23.57	-9.65	-0.40	13.52	29.57	-16.05
			AVG	484+242	91	243.8/286.8 (MCS11)	13.69	23.57	-9.88	-0.40	13.29	29.57	-16.28
			AVG	484+242	92	243.8/286.8 (MCS11)	13.74	23.57	-9.83	-0.40	13.34	29.57	-16.23
			AVG	484+242	93	243.8/286.8 (MCS11)	13.76	23.57	-9.81	-0.40	13.36	29.57	-16.21
	5530	106	AVG	484+242	90	243.8/286.8 (MCS11)	12.84	23.57	-10.73	-0.10	12.74	29.57	-16.83
			AVG	484+242	91	243.8/286.8 (MCS11)	12.84	23.57	-10.73	-0.10	12.74	29.57	-16.83
			AVG	484+242	92	243.8/286.8 (MCS11)	12.64	23.57	-10.93	-0.10	12.54	29.57	-17.03
			AVG	484+242	93	243.8/286.8 (MCS11)	12.94	23.57	-10.63	-0.10	12.84	29.57	-16.73
	5690	138	AVG	484+242	90	243.8/286.8 (MCS11)	19.16	23.57	-4.41	-0.10	19.06	29.57	-10.51
			AVG	484+242	91	243.8/286.8 (MCS11)	19.24	23.57	-4.33	-0.10	19.14	29.57	-10.43
			AVG	484+242	92	243.8/286.8 (MCS11)	19.41	23.57	-4.16	-0.10	19.31	29.57	-10.26
			AVG	484+242	93	243.8/286.8 (MCS11)	19.43	23.57	-4.14	-0.10	19.33	29.57	-10.24
	5775	155	AVG	484+242	90	243.8/286.8 (MCS11)	16.66	30.00	-13.34	0.10	16.76	-	-
			AVG	484+242	91	243.8/286.8 (MCS11)	16.77	30.00	-13.24	0.10	16.87	-	-
			AVG	484+242	92	243.8/286.8 (MCS11)	16.99	30.00	-13.02	0.10	17.09	-	-
			AVG	484+242	93	243.8/286.8 (MCS11)	16.86	30.00	-13.14	0.10	16.96	-	-

Table 7-61. ISSED Antenna 4a 80MHz BW (UNII) Maximum Conducted Output Power (RU484+242)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5250	50 (L)	AVG	996+484	94	25/29.4 (MCS11)	11.65	23.98	-12.33	-0.90	10.75	22.56	-11.81
			AVG	996+484	95	25/29.4 (MCS11)	11.95	23.98	-12.03	-0.90	11.05	22.56	-11.52
		50 (U)	AVG	996+484	94	25/29.4 (MCS11)	11.76	23.57	-11.81	-0.40	11.36	22.56	-11.20
			AVG	996+484	95	25/29.4 (MCS11)	11.98	23.57	-11.59	-0.40	11.58	22.56	-10.98

Table 7-62. ISSED Antenna 4a 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5250	50 (L)	AVG	996+484+242	96	25/29.4 (MCS11)	11.69	23.98	-12.29	-0.90	10.79	22.56	-11.77
			AVG	996+484+242	97	25/29.4 (MCS11)	11.95	23.98	-12.03	-0.90	11.05	22.56	-11.51
			AVG	996+484+242	98	25/29.4 (MCS11)	11.69	23.98	-12.29	-0.90	10.79	22.56	-11.77
			AVG	996+484+242	99	25/29.4 (MCS11)	11.63	23.98	-12.35	-0.90	10.73	22.56	-11.83
	5250	50 (U)	AVG	996+484+242	96	25/29.4 (MCS11)	11.93	23.57	-11.64	-0.40	11.53	22.56	-11.03
			AVG	996+484+242	97	25/29.4 (MCS11)	11.96	23.57	-11.61	-0.40	11.56	22.56	-11.00
			AVG	996+484+242	98	25/29.4 (MCS11)	11.97	23.57	-11.60	-0.40	11.57	22.56	-11.00
			AVG	996+484+242	99	25/29.4 (MCS11)	11.87	23.57	-11.70	-0.40	11.47	22.56	-11.09

Table 7-63. ISSED Antenna 4a 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 58 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	15.63	-	-	-0.90	14.73	22.56	-7.84
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	19.17	-	-	-0.90	18.27	22.56	-4.29
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	19.27	-	-	-0.90	18.37	22.56	-4.20
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	19.32	23.57	-4.25	-0.40	18.92	29.57	-10.65
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	19.16	23.57	-4.41	-0.40	18.76	29.57	-10.81
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.46	23.57	-7.11	-0.40	16.06	29.57	-13.51
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.80	23.57	-8.77	-0.10	14.70	29.57	-14.87
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	19.40	23.57	-4.17	-0.10	19.30	29.57	-10.27
	5540	108	AVG	242	61	121.9/143.4 (MCS11)	19.36	23.57	-4.21	-0.10	19.26	29.57	-10.31
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	19.31	23.57	-4.26	-0.10	19.21	29.57	-10.36
	5660	132	AVG	242	61	121.9/143.4 (MCS11)	19.21	23.57	-4.36	-0.10	19.11	29.57	-10.46
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	19.21	23.57	-4.36	-0.10	19.11	29.57	-10.46
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.89	23.57	-9.68	-0.10	13.79	29.57	-15.78
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	19.23	23.57	-4.34	-0.10	19.13	29.57	-10.44
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	19.21	30.00	-10.79	0.10	19.31	-	-
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	19.46	30.00	-10.54	0.10	19.56	-	-
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	19.30	30.00	-10.71	0.10	19.40	-	-

Table 7-64. ISED Antenna 4a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	13.22	-	-	-0.90	12.32	22.56	-10.25
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	19.28	-	-	-0.90	18.38	22.56	-4.18
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	19.32	23.57	-4.25	-0.40	18.92	29.57	-10.65
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.88	23.57	-9.69	-0.40	13.48	29.57	-16.09
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	12.80	23.57	-10.77	-0.10	12.70	29.57	-16.87
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	19.32	23.57	-4.25	-0.10	19.22	29.57	-10.35
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	16.23	23.57	-7.34	-0.10	16.13	29.57	-13.44
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	19.34	23.57	-4.23	-0.10	19.24	29.57	-10.33
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	19.43	30.00	-10.57	0.10	19.53	-	-
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	19.31	30.00	-10.70	0.10	19.41	-	-

Table 7-65. ISED Antenna 4a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	13.16	-	-	-0.90	12.26	22.56	-10.30
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.91	23.57	-9.66	-0.40	13.51	29.57	-16.06
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	12.93	23.57	-10.64	-0.10	12.83	29.57	-16.74
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	19.42	23.57	-4.15	-0.10	19.32	29.57	-10.25
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	16.68	30.00	-13.32	0.10	16.78	-	-

Table 7-66. ISED Antenna 4a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5250	50	AVG	996x2	68	1020.8/1201 (MCS11)	12.13	23.98	-11.85	-0.10	12.03	22.56	-10.53

Table 7-67. ISED Antenna 4a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 59 of 374

7.4.5 FCC Antenna 2a Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	9.50	23.98	-14.48
			AVG	26	4	12.5/14.7 (MCS11)	9.35	23.98	-14.63
			AVG	26	8	12.5/14.7 (MCS11)	9.38	23.98	-14.60
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	9.41	23.98	-14.57
			AVG	26	4	12.5/14.7 (MCS11)	9.47	23.98	-14.51
			AVG	26	8	12.5/14.7 (MCS11)	9.40	23.98	-14.58
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	9.38	23.98	-14.60
			AVG	26	4	12.5/14.7 (MCS11)	9.26	23.98	-14.72
			AVG	26	8	12.5/14.7 (MCS11)	9.39	23.98	-14.59
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	9.33	30.00	-20.67
			AVG	26	4	12.5/14.7 (MCS11)	9.11	30.00	-20.89
			AVG	26	8	12.5/14.7 (MCS11)	9.49	30.00	-20.51
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	9.25	30.00	-20.75
			AVG	26	4	12.5/14.7 (MCS11)	9.47	30.00	-20.54
			AVG	26	8	12.5/14.7 (MCS11)	9.13	30.00	-20.87
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	9.29	30.00	-20.71
			AVG	26	4	12.5/14.7 (MCS11)	9.24	30.00	-20.76
			AVG	26	8	12.5/14.7 (MCS11)	9.24	30.00	-20.76

Table 7-68. FCC Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	52	37	25/29.4 (MCS11)	12.49	23.98	-11.49
			AVG	52	39	25/29.4 (MCS11)	12.50	23.98	-11.48
			AVG	52	40	25/29.4 (MCS11)	12.37	23.98	-11.61
	5200	40	AVG	52	37	25/29.4 (MCS11)	12.40	23.98	-11.58
			AVG	52	39	25/29.4 (MCS11)	12.32	23.98	-11.66
			AVG	52	40	25/29.4 (MCS11)	12.16	23.98	-11.82
	5240	48	AVG	52	37	25/29.4 (MCS11)	12.35	23.98	-11.63
			AVG	52	39	25/29.4 (MCS11)	12.24	23.98	-11.74
			AVG	52	40	25/29.4 (MCS11)	12.10	23.98	-11.88
	5260	52	AVG	52	37	25/29.4 (MCS11)	12.24	23.57	-11.33
			AVG	52	39	25/29.4 (MCS11)	12.12	23.57	-11.45
			AVG	52	40	25/29.4 (MCS11)	12.43	23.57	-11.14
	5300	60	AVG	52	37	25/29.4 (MCS11)	12.30	23.57	-11.27
			AVG	52	39	25/29.4 (MCS11)	12.27	23.57	-11.30
			AVG	52	40	25/29.4 (MCS11)	12.45	23.57	-11.12
	5320	64	AVG	52	37	25/29.4 (MCS11)	12.40	23.57	-11.17
			AVG	52	39	25/29.4 (MCS11)	12.33	23.57	-11.24
			AVG	52	40	25/29.4 (MCS11)	12.45	23.57	-11.12
	5500	100	AVG	52	37	25/29.4 (MCS11)	12.26	23.57	-11.31
			AVG	52	39	25/29.4 (MCS11)	12.16	23.57	-11.41
			AVG	52	40	25/29.4 (MCS11)	12.31	23.57	-11.26
	5580	116	AVG	52	37	25/29.4 (MCS11)	12.11	23.57	-11.46
			AVG	52	39	25/29.4 (MCS11)	12.46	23.57	-11.11
			AVG	52	40	25/29.4 (MCS11)	12.24	23.57	-11.33
	5720	144	AVG	52	37	25/29.4 (MCS11)	12.16	23.57	-11.41
			AVG	52	39	25/29.4 (MCS11)	12.21	23.57	-11.36
			AVG	52	40	25/29.4 (MCS11)	12.25	23.57	-11.32
	5745	149	AVG	52	37	25/29.4 (MCS11)	12.42	30.00	-17.59
			AVG	52	39	25/29.4 (MCS11)	12.33	30.00	-17.67
			AVG	52	40	25/29.4 (MCS11)	12.41	30.00	-17.59
	5785	157	AVG	52	37	25/29.4 (MCS11)	12.48	30.00	-17.52
			AVG	52	39	25/29.4 (MCS11)	12.25	30.00	-17.75
			AVG	52	40	25/29.4 (MCS11)	12.42	30.00	-17.58
	5825	165	AVG	52	37	25/29.4 (MCS11)	12.34	30.00	-17.66
			AVG	52	39	25/29.4 (MCS11)	12.27	30.00	-17.73
			AVG	52	40	25/29.4 (MCS11)	12.30	30.00	-17.70

Table 7-69. FCC Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (RU52)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 60 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106	53	53.1/62.5 (MCS11)	15.42	23.98	-8.56
			AVG	106	54	53.1/62.5 (MCS11)	15.14	23.98	-8.84
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	15.12	23.98	-8.86
			AVG	106	54	53.1/62.5 (MCS11)	15.32	23.98	-8.66
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	15.22	23.98	-8.76
			AVG	106	54	53.1/62.5 (MCS11)	15.24	23.98	-8.74
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	15.18	23.57	-8.39
			AVG	106	54	53.1/62.5 (MCS11)	15.20	23.57	-8.37
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	15.29	23.57	-8.28
			AVG	106	54	53.1/62.5 (MCS11)	15.35	23.57	-8.22
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	15.34	23.57	-8.23
			AVG	106	54	53.1/62.5 (MCS11)	15.34	23.57	-8.23
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.18	23.57	-9.39
			AVG	106	54	53.1/62.5 (MCS11)	14.15	23.57	-9.42
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	15.23	23.57	-8.34
			AVG	106	54	53.1/62.5 (MCS11)	15.20	23.57	-8.37
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.97	23.57	-9.60
			AVG	106	54	53.1/62.5 (MCS11)	13.94	23.57	-9.63
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	15.36	23.57	-8.21
			AVG	106	54	53.1/62.5 (MCS11)	15.42	23.57	-8.15
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	15.13	30.00	-14.87
			AVG	106	54	53.1/62.5 (MCS11)	15.20	30.00	-14.80
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	15.30	30.00	-14.70
			AVG	106	54	53.1/62.5 (MCS11)	15.50	30.00	-14.50
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	15.29	30.00	-14.71
			AVG	106	54	53.1/62.5 (MCS11)	15.42	30.00	-14.58

Table 7-70. FCC Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (RU106)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	52+26	71	12.5/14.7 (MCS11)	13.97	23.98	-10.01
			AVG	52+26	72	12.5/14.7 (MCS11)	13.91	23.98	-10.07
	5200	40	AVG	52+26	71	12.5/14.7 (MCS11)	13.77	23.98	-10.21
			AVG	52+26	72	12.5/14.7 (MCS11)	13.64	23.98	-10.34
	5240	48	AVG	52+26	71	12.5/14.7 (MCS11)	13.79	23.98	-10.19
			AVG	52+26	72	12.5/14.7 (MCS11)	13.66	23.98	-10.32
	5260	52	AVG	52+26	71	12.5/14.7 (MCS11)	13.65	23.57	-9.92
			AVG	52+26	72	12.5/14.7 (MCS11)	13.87	23.57	-9.70
	5300	60	AVG	52+26	71	12.5/14.7 (MCS11)	13.62	23.57	-9.95
			AVG	52+26	72	12.5/14.7 (MCS11)	13.97	23.57	-9.60
	5320	64	AVG	52+26	71	12.5/14.7 (MCS11)	13.94	23.57	-9.63
			AVG	52+26	72	12.5/14.7 (MCS11)	13.90	23.57	-9.67
	5500	100	AVG	52+26	71	12.5/14.7 (MCS11)	13.78	23.57	-9.79
			AVG	52+26	72	12.5/14.7 (MCS11)	13.79	23.57	-9.78
	5520	104	AVG	52+26	71	12.5/14.7 (MCS11)	13.69	23.57	-9.88
			AVG	52+26	72	12.5/14.7 (MCS11)	13.62	23.57	-9.95
	5540	108	AVG	52+26	71	12.5/14.7 (MCS11)	13.84	23.57	-9.73
			AVG	52+26	72	12.5/14.7 (MCS11)	13.60	23.57	-9.97
	5580	116	AVG	52+26	71	12.5/14.7 (MCS11)	13.81	23.57	-9.76
			AVG	52+26	72	12.5/14.7 (MCS11)	13.67	23.57	-9.90
	5660	132	AVG	52+26	71	12.5/14.7 (MCS11)	13.65	23.57	-9.92
			AVG	52+26	72	12.5/14.7 (MCS11)	13.87	23.57	-9.70
	5680	136	AVG	52+26	71	12.5/14.7 (MCS11)	13.83	23.57	-9.74
			AVG	52+26	72	12.5/14.7 (MCS11)	13.72	23.57	-9.85
	5700	140	AVG	52+26	71	12.5/14.7 (MCS11)	13.98	23.57	-9.59
			AVG	52+26	72	12.5/14.7 (MCS11)	13.83	23.57	-9.74
	5720	144	AVG	52+26	71	12.5/14.7 (MCS11)	13.85	23.57	-9.72
			AVG	52+26	72	12.5/14.7 (MCS11)	13.70	23.57	-9.87
	5745	149	AVG	52+26	71	12.5/14.7 (MCS11)	13.93	30.00	-16.07
			AVG	52+26	72	12.5/14.7 (MCS11)	13.80	30.00	-16.20
	5785	157	AVG	52+26	71	12.5/14.7 (MCS11)	13.83	30.00	-16.18
			AVG	52+26	72	12.5/14.7 (MCS11)	13.76	30.00	-16.24
	5825	165	AVG	52+26	71	12.5/14.7 (MCS11)	13.73	30.00	-16.27
			AVG	52+26	72	12.5/14.7 (MCS11)	13.82	30.00	-16.18

Table 7-71. FCC Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 61 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106+26	82	12.5/14.7 (MCS11)	15.77	23.98	-8.21
			AVG	106+26	83	12.5/14.7 (MCS11)	15.86	23.98	-8.12
	5200	40	AVG	106+26	82	12.5/14.7 (MCS11)	15.76	23.98	-8.22
			AVG	106+26	83	12.5/14.7 (MCS11)	15.80	23.98	-8.18
	5240	48	AVG	106+26	82	12.5/14.7 (MCS11)	15.67	23.98	-8.31
			AVG	106+26	83	12.5/14.7 (MCS11)	15.73	23.98	-8.25
	5260	52	AVG	106+26	82	12.5/14.7 (MCS11)	15.64	23.57	-7.93
			AVG	106+26	83	12.5/14.7 (MCS11)	15.75	23.57	-7.82
	5300	60	AVG	106+26	82	12.5/14.7 (MCS11)	15.88	23.57	-7.69
			AVG	106+26	83	12.5/14.7 (MCS11)	15.99	23.57	-7.58
	5320	64	AVG	106+26	82	12.5/14.7 (MCS11)	15.67	23.57	-7.90
			AVG	106+26	83	12.5/14.7 (MCS11)	15.74	23.57	-7.83
	5500	100	AVG	106+26	82	12.5/14.7 (MCS11)	14.33	23.57	-9.24
			AVG	106+26	83	12.5/14.7 (MCS11)	14.40	23.57	-9.17
	5520	104	AVG	106+26	82	12.5/14.7 (MCS11)	15.99	23.57	-7.58
			AVG	106+26	83	12.5/14.7 (MCS11)	15.99	23.57	-7.58
	5540	108	AVG	106+26	82	12.5/14.7 (MCS11)	15.84	23.57	-7.73
			AVG	106+26	83	12.5/14.7 (MCS11)	15.72	23.57	-7.85
	5580	116	AVG	106+26	82	12.5/14.7 (MCS11)	15.62	23.57	-7.95
			AVG	106+26	83	12.5/14.7 (MCS11)	15.81	23.57	-7.76
	5660	132	AVG	106+26	82	12.5/14.7 (MCS11)	15.99	23.57	-7.58
			AVG	106+26	83	12.5/14.7 (MCS11)	16.00	23.57	-7.57
	5680	136	AVG	106+26	82	12.5/14.7 (MCS11)	15.74	23.57	-7.83
			AVG	106+26	83	12.5/14.7 (MCS11)	15.75	23.57	-7.82
	5700	140	AVG	106+26	82	12.5/14.7 (MCS11)	13.82	23.57	-9.75
			AVG	106+26	83	12.5/14.7 (MCS11)	13.81	23.57	-9.76
	5720	144	AVG	106+26	82	12.5/14.7 (MCS11)	15.66	23.57	-7.91
			AVG	106+26	83	12.5/14.7 (MCS11)	15.85	23.57	-7.72
	5745	149	AVG	106+26	82	12.5/14.7 (MCS11)	15.89	30.00	-14.11
			AVG	106+26	83	12.5/14.7 (MCS11)	15.82	30.00	-14.18
	5785	157	AVG	106+26	82	12.5/14.7 (MCS11)	15.85	30.00	-14.16
			AVG	106+26	83	12.5/14.7 (MCS11)	15.89	30.00	-14.11
	5825	165	AVG	106+26	82	12.5/14.7 (MCS11)	15.75	30.00	-14.25
			AVG	106+26	83	12.5/14.7 (MCS11)	15.76	30.00	-14.24

Table 7-72. FCC Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (RU106+26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	484+242	90	243.8/286.8 (MCS11)	12.97	23.98	-11.01
			AVG	484+242	91	243.8/286.8 (MCS11)	13.30	23.98	-10.68
			AVG	484+242	92	243.8/286.8 (MCS11)	13.28	23.98	-10.70
			AVG	484+242	93	243.8/286.8 (MCS11)	13.18	23.98	-10.80
	5290	58	AVG	484+242	90	243.8/286.8 (MCS11)	13.26	23.57	-10.31
			AVG	484+242	91	243.8/286.8 (MCS11)	13.34	23.57	-10.23
			AVG	484+242	92	243.8/286.8 (MCS11)	13.39	23.57	-10.18
			AVG	484+242	93	243.8/286.8 (MCS11)	13.22	23.57	-10.35
	5530	106	AVG	484+242	90	243.8/286.8 (MCS11)	12.22	23.57	-11.35
			AVG	484+242	91	243.8/286.8 (MCS11)	11.91	23.57	-11.66
			AVG	484+242	92	243.8/286.8 (MCS11)	12.03	23.57	-11.54
			AVG	484+242	93	243.8/286.8 (MCS11)	12.07	23.57	-11.50
	5610	122	AVG	484+242	90	243.8/286.8 (MCS11)	16.78	23.57	-6.79
			AVG	484+242	91	243.8/286.8 (MCS11)	16.97	23.57	-6.60
			AVG	484+242	92	243.8/286.8 (MCS11)	16.88	23.57	-6.69
			AVG	484+242	93	243.8/286.8 (MCS11)	16.97	23.57	-6.60
	5690	138	AVG	484+242	90	243.8/286.8 (MCS11)	18.16	23.57	-5.41
			AVG	484+242	91	243.8/286.8 (MCS11)	18.34	23.57	-5.23
			AVG	484+242	92	243.8/286.8 (MCS11)	18.21	23.57	-5.36
			AVG	484+242	93	243.8/286.8 (MCS11)	18.17	23.57	-5.40
	5775	155	AVG	484+242	90	243.8/286.8 (MCS11)	15.16	30.00	-14.84
			AVG	484+242	91	243.8/286.8 (MCS11)	15.35	30.00	-14.65
			AVG	484+242	92	243.8/286.8 (MCS11)	15.39	30.00	-14.61
			AVG	484+242	93	243.8/286.8 (MCS11)	15.22	30.00	-14.79

Table 7-73. FCC Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power (RU484+242)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 62 of 374

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	996+484	94	25/29.4 (MCS11)	11.78	23.98	-12.20
			AVG	996+484	95	25/29.4 (MCS11)	12.00	23.98	-11.98
		50 (U)	AVG	996+484	94	25/29.4 (MCS11)	11.92	23.57	-11.65
			AVG	996+484	95	25/29.4 (MCS11)	11.62	23.57	-11.95
	5570	114 (L)	AVG	996+484	94	25/29.4 (MCS11)	11.26	23.57	-12.31
			AVG	996+484	95	25/29.4 (MCS11)	11.42	23.57	-12.15
		114 (U)	AVG	996+484	94	25/29.4 (MCS11)	11.40	23.57	-12.17
			AVG	996+484	95	25/29.4 (MCS11)	11.44	23.57	-12.13

Table 7-74. FCC Antenna 2a 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	996+484+242	96	25/29.4 (MCS11)	11.85	23.98	-12.13
			AVG	996+484+242	97	25/29.4 (MCS11)	11.71	23.98	-12.27
			AVG	996+484+242	98	25/29.4 (MCS11)	11.80	23.98	-12.18
			AVG	996+484+242	99	25/29.4 (MCS11)	11.78	23.98	-12.20
	5250	50 (U)	AVG	996+484+242	96	25/29.4 (MCS11)	11.80	23.57	-11.77
			AVG	996+484+242	97	25/29.4 (MCS11)	11.68	23.57	-11.89
			AVG	996+484+242	98	25/29.4 (MCS11)	11.83	23.57	-11.74
			AVG	996+484+242	99	25/29.4 (MCS11)	11.88	23.57	-11.69
	5570	114 (L)	AVG	996+484+242	96	25/29.4 (MCS11)	11.14	23.57	-12.43
			AVG	996+484+242	97	25/29.4 (MCS11)	11.24	23.57	-12.33
			AVG	996+484+242	98	25/29.4 (MCS11)	11.44	23.57	-12.13
			AVG	996+484+242	99	25/29.4 (MCS11)	11.42	23.57	-12.15
	5570	114 (U)	AVG	996+484+242	96	25/29.4 (MCS11)	11.44	23.57	-12.13
			AVG	996+484+242	97	25/29.4 (MCS11)	11.17	23.57	-12.40
			AVG	996+484+242	98	25/29.4 (MCS11)	11.17	23.57	-12.40
			AVG	996+484+242	99	25/29.4 (MCS11)	11.33	23.57	-12.24

Table 7-75. FCC Antenna 2a 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	15.81	23.98	-8.17
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	18.43	23.98	-5.55
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	18.29	23.98	-5.69
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	18.26	23.57	-5.31
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	18.46	23.57	-5.11
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.42	23.57	-7.15
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.19	23.57	-9.38
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	16.89	23.57	-6.68
	5540	108	AVG	242	61	121.9/143.4 (MCS11)	18.35	23.57	-5.22
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	18.18	23.57	-5.39
	5660	132	AVG	242	61	121.9/143.4 (MCS11)	18.28	23.57	-5.29
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	18.36	23.57	-5.21
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.99	23.57	-9.58
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	18.41	23.57	-5.16
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	18.11	30.00	-11.89
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	18.18	30.00	-11.82
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	18.26	30.00	-11.74

Table 7-76. FCC Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 63 of 374

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	13.29	23.98	-10.69
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	18.32	23.98	-5.66
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	18.21	23.57	-5.36
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.89	23.57	-9.68
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	12.18	23.57	-11.39
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	16.62	23.57	-6.95
	5590	118	AVG	484	65	243.8/286.8 (MCS11)	18.11	23.57	-5.46
	5630	126	AVG	484	65	243.8/286.8 (MCS11)	18.44	23.57	-5.13
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	16.95	23.57	-6.62
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	18.37	23.57	-5.20
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	18.16	30.00	-11.85
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	18.37	30.00	-11.63

Table 7-77. FCC Antenna 2a 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	13.00	23.98	-10.98
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.82	23.57	-9.75
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	12.40	23.57	-11.17
	5610	122	AVG	996	67	510.4/600.5 (MCS11)	16.82	23.57	-6.75
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	18.22	23.57	-5.35
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	16.90	30.00	-13.10

Table 7-78. FCC Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	AVG	996x2	68	1020.8/1201 (MCS11)	11.73	23.98	-12.25
	5570	114	AVG	996x2	68	1020.8/1201 (MCS11)	11.32	23.57	-12.25

Table 7-79. FCC Antenna 2a 160MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 64 of 374

7.4.6 ISED Antenna 2a Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	7.47	-	-	-1.10	6.37	22.56	-16.19
			AVG	26	4	12.5/14.7 (MCS11)	7.50	-	-	-1.10	6.40	22.56	-16.16
			AVG	26	8	12.5/14.7 (MCS11)	7.61	-	-	-1.10	6.51	22.56	-16.05
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	7.68	-	-	-1.10	6.58	22.56	-15.98
			AVG	26	4	12.5/14.7 (MCS11)	7.80	-	-	-1.10	6.50	22.56	-16.06
			AVG	26	8	12.5/14.7 (MCS11)	7.55	-	-	-1.10	6.45	22.56	-16.11
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	7.68	-	-	-1.10	6.58	22.56	-15.98
			AVG	26	4	12.5/14.7 (MCS11)	7.42	-	-	-1.10	6.32	22.56	-16.24
			AVG	26	8	12.5/14.7 (MCS11)	7.67	-	-	-1.10	6.57	22.56	-16.00
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	9.33	30.00	-20.67	0.10	9.43	-	-
			AVG	26	4	12.5/14.7 (MCS11)	9.11	30.00	-20.89	0.10	9.21	-	-
			AVG	26	8	12.5/14.7 (MCS11)	9.49	30.00	-20.51	0.10	9.59	-	-
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	9.25	30.00	-20.75	0.10	9.35	-	-
			AVG	26	4	12.5/14.7 (MCS11)	9.47	30.00	-20.54	0.10	9.57	-	-
			AVG	26	8	12.5/14.7 (MCS11)	9.13	30.00	-20.87	0.10	9.23	-	-
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	9.29	30.00	-20.71	0.10	9.39	-	-
			AVG	26	4	12.5/14.7 (MCS11)	9.24	30.00	-20.76	0.10	9.34	-	-
			AVG	26	8	12.5/14.7 (MCS11)	9.24	30.00	-20.76	0.10	9.34	-	-

Table 7-80. ISED Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	52	37	25/29.4 (MCS11)	10.25	-	-	-1.10	9.15	22.56	-13.41
			AVG	52	39	25/29.4 (MCS11)	10.25	-	-	-1.10	9.15	22.56	-13.41
			AVG	52	40	25/29.4 (MCS11)	10.33	-	-	-1.10	9.23	22.56	-13.33
	5200	40	AVG	52	37	25/29.4 (MCS11)	10.34	-	-	-1.10	9.24	22.56	-13.32
			AVG	52	39	25/29.4 (MCS11)	10.30	-	-	-1.10	9.20	22.56	-13.37
			AVG	52	40	25/29.4 (MCS11)	10.12	-	-	-1.10	9.02	22.56	-13.54
	5240	48	AVG	52	37	25/29.4 (MCS11)	10.15	-	-	-1.10	9.05	22.56	-13.52
			AVG	52	39	25/29.4 (MCS11)	10.13	-	-	-1.10	9.03	22.56	-13.53
			AVG	52	40	25/29.4 (MCS11)	9.93	-	-	-1.10	8.83	22.56	-13.73
	5260	52	AVG	52	37	25/29.4 (MCS11)	12.24	23.57	-11.33	0.20	12.44	29.57	-17.13
			AVG	52	39	25/29.4 (MCS11)	12.12	23.57	-11.45	0.20	12.32	29.57	-17.25
			AVG	52	40	25/29.4 (MCS11)	12.43	23.57	-11.14	0.20	12.63	29.57	-16.94
	5300	60	AVG	52	37	25/29.4 (MCS11)	12.30	23.57	-11.27	0.20	12.50	29.57	-17.07
			AVG	52	39	25/29.4 (MCS11)	12.27	23.57	-11.30	0.20	12.47	29.57	-17.10
			AVG	52	40	25/29.4 (MCS11)	12.45	23.57	-11.12	0.20	12.65	29.57	-16.92
	5320	64	AVG	52	37	25/29.4 (MCS11)	12.40	23.57	-11.17	0.20	12.60	29.57	-16.97
			AVG	52	39	25/29.4 (MCS11)	12.33	23.57	-11.24	0.20	12.53	29.57	-17.04
			AVG	52	40	25/29.4 (MCS11)	12.45	23.57	-11.12	0.20	12.65	29.57	-16.92
	5500	100	AVG	52	37	25/29.4 (MCS11)	12.26	23.57	-11.31	0.70	12.96	29.57	-16.61
			AVG	52	39	25/29.4 (MCS11)	12.16	23.57	-11.41	0.70	12.86	29.57	-16.71
			AVG	52	40	25/29.4 (MCS11)	12.31	23.57	-11.26	0.70	13.01	29.57	-16.56
	5580	116	AVG	52	37	25/29.4 (MCS11)	12.11	23.57	-11.46	0.70	12.81	29.57	-16.76
			AVG	52	39	25/29.4 (MCS11)	12.46	23.57	-11.11	0.70	13.16	29.57	-16.41
			AVG	52	40	25/29.4 (MCS11)	12.24	23.57	-11.33	0.70	12.94	29.57	-16.63
	5720	144	AVG	52	37	25/29.4 (MCS11)	12.16	23.57	-11.41	0.70	12.86	29.57	-16.71
			AVG	52	39	25/29.4 (MCS11)	12.21	23.57	-11.36	0.70	12.91	29.57	-16.66
			AVG	52	40	25/29.4 (MCS11)	12.25	23.57	-11.32	0.70	12.95	29.57	-16.62
	5745	149	AVG	52	37	25/29.4 (MCS11)	12.42	30.00	-17.59	0.10	12.52	-	-
			AVG	52	39	25/29.4 (MCS11)	12.33	30.00	-17.67	0.10	12.43	-	-
			AVG	52	40	25/29.4 (MCS11)	12.41	30.00	-17.59	0.10	12.51	-	-
	5785	157	AVG	52	37	25/29.4 (MCS11)	12.48	30.00	-17.52	0.10	12.58	-	-
			AVG	52	39	25/29.4 (MCS11)	12.25	30.00	-17.75	0.10	12.35	-	-
			AVG	52	40	25/29.4 (MCS11)	12.42	30.00	-17.58	0.10	12.52	-	-
	5825	165	AVG	52	37	25/29.4 (MCS11)	12.34	30.00	-17.66	0.10	12.44	-	-
			AVG	52	39	25/29.4 (MCS11)	12.27	30.00	-17.73	0.10	12.37	-	-
			AVG	52	40	25/29.4 (MCS11)	12.30	30.00	-17.70	0.10	12.40	-	-

Table 7-81. ISED Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 65 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106	53	53.1/62.5 (MCS11)	12.16	-	-	-1.10	11.06	22.56	-11.51
			AVG	106	54	53.1/62.5 (MCS11)	12.17	-	-	-1.10	11.07	22.56	-11.49
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	13.52	-	-	-1.10	12.42	22.56	-10.14
			AVG	106	54	53.1/62.5 (MCS11)	13.65	-	-	-1.10	12.55	22.56	-10.01
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	13.18	-	-	-1.10	12.08	22.56	-10.49
			AVG	106	54	53.1/62.5 (MCS11)	13.22	-	-	-1.10	12.12	22.56	-10.44
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	15.18	23.57	-8.39	0.20	15.38	29.57	-14.19
			AVG	106	54	53.1/62.5 (MCS11)	15.20	23.57	-8.37	0.20	15.40	29.57	-14.17
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	15.29	23.57	-8.28	0.20	15.49	29.57	-14.08
			AVG	106	54	53.1/62.5 (MCS11)	15.35	23.57	-8.22	0.20	15.55	29.57	-14.02
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	15.34	23.57	-8.23	0.20	15.54	29.57	-14.03
			AVG	106	54	53.1/62.5 (MCS11)	15.34	23.57	-8.23	0.20	15.54	29.57	-14.03
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.18	23.57	-9.39	0.70	14.88	29.57	-14.69
			AVG	106	54	53.1/62.5 (MCS11)	14.15	23.57	-9.42	0.70	14.85	29.57	-14.72
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	15.23	23.57	-8.34	0.70	15.93	29.57	-13.64
			AVG	106	54	53.1/62.5 (MCS11)	15.20	23.57	-8.37	0.70	15.90	29.57	-13.67
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.97	23.57	-9.60	0.70	14.67	29.57	-14.90
			AVG	106	54	53.1/62.5 (MCS11)	13.94	23.57	-9.63	0.70	14.64	29.57	-14.93
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	15.36	23.57	-8.21	0.70	16.06	29.57	-13.51
			AVG	106	54	53.1/62.5 (MCS11)	15.42	23.57	-8.15	0.70	16.12	29.57	-13.45
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	15.13	30.00	-14.87	0.10	15.23	-	-
			AVG	106	54	53.1/62.5 (MCS11)	15.20	30.00	-14.80	0.10	15.30	-	-
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	15.30	30.00	-14.70	0.10	15.40	-	-
			AVG	106	54	53.1/62.5 (MCS11)	15.50	30.00	-14.50	0.10	15.60	-	-
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	15.29	30.00	-14.71	0.10	15.39	-	-
			AVG	106	54	53.1/62.5 (MCS11)	15.42	30.00	-14.58	0.10	15.52	-	-

Table 7-82. ISED Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU106)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	52+26	71	12.5/14.7 (MCS11)	12.50	23.98	-11.48	-1.10	11.40	22.56	-11.17
			AVG	52+26	72	12.5/14.7 (MCS11)	12.49	23.98	-11.49	-1.10	11.39	22.56	-11.17
	5200	40	AVG	52+26	71	12.5/14.7 (MCS11)	12.07	23.98	-11.91	-1.10	10.97	22.56	-11.60
			AVG	52+26	72	12.5/14.7 (MCS11)	12.22	23.98	-11.76	-1.10	11.12	22.56	-11.44
	5240	48	AVG	52+26	71	12.5/14.7 (MCS11)	12.02	23.98	-11.96	-1.10	10.92	22.56	-11.64
			AVG	52+26	72	12.5/14.7 (MCS11)	11.98	23.98	-12.00	-1.10	10.88	22.56	-11.68
	5260	52	AVG	52+26	71	12.5/14.7 (MCS11)	13.65	23.57	-9.92	0.20	13.85	29.57	-15.72
			AVG	52+26	72	12.5/14.7 (MCS11)	13.87	23.57	-9.70	0.20	14.07	29.57	-15.50
	5300	60	AVG	52+26	71	12.5/14.7 (MCS11)	13.62	23.57	-9.95	0.20	13.82	29.57	-15.75
			AVG	52+26	72	12.5/14.7 (MCS11)	13.97	23.57	-9.60	0.20	14.17	29.57	-15.40
	5320	64	AVG	52+26	71	12.5/14.7 (MCS11)	13.94	23.57	-9.63	0.20	14.14	29.57	-15.43
			AVG	52+26	72	12.5/14.7 (MCS11)	13.90	23.57	-9.67	0.20	14.10	29.57	-15.47
	5500	100	AVG	52+26	71	12.5/14.7 (MCS11)	13.78	23.57	-9.79	0.70	14.48	29.57	-15.09
			AVG	52+26	72	12.5/14.7 (MCS11)	13.79	23.57	-9.78	0.70	14.49	29.57	-15.08
	5520	104	AVG	52+26	71	12.5/14.7 (MCS11)	13.84	23.57	-9.73	0.70	14.54	29.57	-15.03
			AVG	52+26	72	12.5/14.7 (MCS11)	13.60	23.57	-9.97	0.70	14.30	29.57	-15.27
	5540	108	AVG	52+26	71	12.5/14.7 (MCS11)	13.81	23.57	-9.76	0.70	14.51	29.57	-15.06
			AVG	52+26	72	12.5/14.7 (MCS11)	13.67	23.57	-9.90	0.70	14.37	29.57	-15.20
	5580	116	AVG	52+26	71	12.5/14.7 (MCS11)	13.81	23.57	-9.76	0.70	14.51	29.57	-15.06
			AVG	52+26	72	12.5/14.7 (MCS11)	13.67	23.57	-9.90	0.70	14.37	29.57	-15.20
	5660	132	AVG	52+26	71	12.5/14.7 (MCS11)	13.83	23.57	-9.74	0.70	14.53	29.57	-15.04
			AVG	52+26	72	12.5/14.7 (MCS11)	13.72	23.57	-9.85	0.70	14.42	29.57	-15.15
	5680	136	AVG	52+26	71	12.5/14.7 (MCS11)	13.98	23.57	-9.59	0.70	14.68	29.57	-14.89
			AVG	52+26	72	12.5/14.7 (MCS11)	13.83	23.57	-9.74	0.70	14.53	29.57	-15.04
	5700	140	AVG	52+26	71	12.5/14.7 (MCS11)	13.85	23.57	-9.72	0.70	14.55	29.57	-15.02
			AVG	52+26	72	12.5/14.7 (MCS11)	13.70	23.57	-9.87	0.70	14.40	29.57	-15.17
	5720	144	AVG	52+26	71	12.5/14.7 (MCS11)	13.85	23.57	-9.72	0.70	14.55	29.57	-15.02
			AVG	52+26	72	12.5/14.7 (MCS11)	13.70	23.57	-9.87	0.70	14.40	29.57	-15.17
	5745	149	AVG	52+26	71	12.5/14.7 (MCS11)	13.93	30.00	-16.07	0.10	14.03	-	-
			AVG	52+26	72	12.5/14.7 (MCS11)	13.80	30.00	-16.20	0.10	13.90	-	-
	5785	157	AVG	52+26	71	12.5/14.7 (MCS11)	13.83	30.00	-16.18	0.10	13.93	-	-
			AVG	52+26	72	12.5/14.7 (MCS11)	13.76	30.00	-16.24	0.10	13.86	-	-
	5825	165	AVG	52+26	71	12.5/14.7 (MCS11)	13.73	30.00	-16.27	0.10	13.83	-	-
			AVG	52+26	72	12.5/14.7 (MCS11)	13.82	30.00	-16.18	0.10	13.92	-	-

Table 7-83. ISED Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 66 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106+26	82	12.5/14.7 (MCS11)	12.80	23.98	-11.18	-1.10	11.70	22.56	-10.86
			AVG	106+26	83	12.5/14.7 (MCS11)	12.93	23.98	-11.05	-1.10	11.83	22.56	-10.73
	5200	40	AVG	106+26	82	12.5/14.7 (MCS11)	14.27	23.98	-9.71	-1.10	13.17	22.56	-9.39
			AVG	106+26	83	12.5/14.7 (MCS11)	14.34	23.98	-9.64	-1.10	13.24	22.56	-9.32
	5240	48	AVG	106+26	82	12.5/14.7 (MCS11)	14.06	23.98	-9.92	-1.10	12.96	22.56	-9.60
			AVG	106+26	83	12.5/14.7 (MCS11)	14.11	23.98	-9.87	-1.10	13.01	22.56	-9.55
	5260	52	AVG	106+26	82	12.5/14.7 (MCS11)	15.64	23.57	-7.93	0.20	15.84	29.57	-13.73
			AVG	106+26	83	12.5/14.7 (MCS11)	15.75	23.57	-7.82	0.20	15.95	29.57	-13.62
	5300	60	AVG	106+26	82	12.5/14.7 (MCS11)	15.88	23.57	-7.69	0.20	16.08	29.57	-13.49
			AVG	106+26	83	12.5/14.7 (MCS11)	15.99	23.57	-7.58	0.20	16.19	29.57	-13.38
	5320	64	AVG	106+26	82	12.5/14.7 (MCS11)	15.67	23.57	-7.90	0.20	15.87	29.57	-13.70
			AVG	106+26	83	12.5/14.7 (MCS11)	15.74	23.57	-7.83	0.20	15.94	29.57	-13.63
	5500	100	AVG	106+26	82	12.5/14.7 (MCS11)	14.33	23.57	-9.24	0.70	15.03	29.57	-14.54
			AVG	106+26	83	12.5/14.7 (MCS11)	14.40	23.57	-9.17	0.70	15.10	29.57	-14.47
	5520	104	AVG	106+26	82	12.5/14.7 (MCS11)	15.99	23.57	-7.58	0.70	16.69	29.57	-12.88
			AVG	106+26	83	12.5/14.7 (MCS11)	15.99	23.57	-7.58	0.70	16.69	29.57	-12.88
	5540	108	AVG	106+26	82	12.5/14.7 (MCS11)	15.84	23.57	-7.73	0.70	16.54	29.57	-13.03
			AVG	106+26	83	12.5/14.7 (MCS11)	15.72	23.57	-7.85	0.70	16.42	29.57	-13.15
	5580	116	AVG	106+26	82	12.5/14.7 (MCS11)	15.62	23.57	-7.95	0.70	16.32	29.57	-13.25
			AVG	106+26	83	12.5/14.7 (MCS11)	15.81	23.57	-7.76	0.70	16.51	29.57	-13.06
	5660	132	AVG	106+26	82	12.5/14.7 (MCS11)	15.99	23.57	-7.58	0.70	16.69	29.57	-12.88
			AVG	106+26	83	12.5/14.7 (MCS11)	16.00	23.57	-7.57	0.70	16.70	29.57	-12.87
	5680	136	AVG	106+26	82	12.5/14.7 (MCS11)	15.74	23.57	-7.83	0.70	16.44	29.57	-13.13
			AVG	106+26	83	12.5/14.7 (MCS11)	15.75	23.57	-7.82	0.70	16.45	29.57	-13.12
	5700	140	AVG	106+26	82	12.5/14.7 (MCS11)	13.82	23.57	-9.75	0.70	14.52	29.57	-15.05
			AVG	106+26	83	12.5/14.7 (MCS11)	13.81	23.57	-9.76	0.70	14.51	29.57	-15.06
	5720	144	AVG	106+26	82	12.5/14.7 (MCS11)	15.66	23.57	-7.91	0.70	16.36	29.57	-13.21
			AVG	106+26	83	12.5/14.7 (MCS11)	15.85	23.57	-7.72	0.70	16.55	29.57	-13.02
	5745	149	AVG	106+26	82	12.5/14.7 (MCS11)	15.89	30.00	-14.11	0.10	15.99	-	-
			AVG	106+26	83	12.5/14.7 (MCS11)	15.82	30.00	-14.18	0.10	15.92	-	-
	5785	157	AVG	106+26	82	12.5/14.7 (MCS11)	15.85	30.00	-14.16	0.10	15.95	-	-
			AVG	106+26	83	12.5/14.7 (MCS11)	15.89	30.00	-14.11	0.10	15.99	-	-
	5825	165	AVG	106+26	82	12.5/14.7 (MCS11)	15.75	30.00	-14.25	0.10	15.85	-	-
			AVG	106+26	83	12.5/14.7 (MCS11)	15.76	30.00	-14.24	0.10	15.86	-	-

Table 7-84. ISED Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (RU106+26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	484+242	90	243.8/286.8 (MCS11)	13.26	23.98	-10.72	-1.10	12.16	22.56	-10.40
			AVG	484+242	91	243.8/286.8 (MCS11)	13.13	23.98	-10.85	-1.10	12.03	22.56	-10.53
			AVG	484+242	92	243.8/286.8 (MCS11)	13.15	23.98	-10.83	-1.10	12.05	22.56	-10.51
			AVG	484+242	93	243.8/286.8 (MCS11)	13.15	23.98	-10.83	-1.10	12.05	22.56	-10.52
	5290	58	AVG	484+242	90	243.8/286.8 (MCS11)	13.26	23.57	-10.31	0.20	13.46	29.57	-16.11
			AVG	484+242	91	243.8/286.8 (MCS11)	13.34	23.57	-10.23	0.20	13.54	29.57	-16.03
			AVG	484+242	92	243.8/286.8 (MCS11)	13.39	23.57	-10.18	0.20	13.59	29.57	-15.98
			AVG	484+242	93	243.8/286.8 (MCS11)	13.22	23.57	-10.35	0.20	13.42	29.57	-16.15
	5530	106	AVG	484+242	90	243.8/286.8 (MCS11)	12.22	23.57	-11.35	0.70	12.92	29.57	-16.65
			AVG	484+242	91	243.8/286.8 (MCS11)	11.91	23.57	-11.66	0.70	12.61	29.57	-16.96
			AVG	484+242	92	243.8/286.8 (MCS11)	12.03	23.57	-11.54	0.70	12.73	29.57	-16.84
			AVG	484+242	93	243.8/286.8 (MCS11)	12.07	23.57	-11.50	0.70	12.77	29.57	-16.80
	5690	138	AVG	484+242	90	243.8/286.8 (MCS11)	18.16	23.57	-5.41	0.70	18.86	29.57	-10.71
			AVG	484+242	91	243.8/286.8 (MCS11)	18.34	23.57	-5.23	0.70	19.04	29.57	-10.53
			AVG	484+242	92	243.8/286.8 (MCS11)	18.21	23.57	-5.36	0.70	18.91	29.57	-10.66
			AVG	484+242	93	243.8/286.8 (MCS11)	18.17	23.57	-5.40	0.70	18.87	29.57	-10.70
	5775	155	AVG	484+242	90	243.8/286.8 (MCS11)	15.16	30.00	-14.84	0.10	15.26	-	-
			AVG	484+242	91	243.8/286.8 (MCS11)	15.35	30.00	-14.65	0.10	15.45	-	-
			AVG	484+242	92	243.8/286.8 (MCS11)	15.39	30.00	-14.61	0.10	15.49	-	-
			AVG	484+242	93	243.8/286.8 (MCS11)	15.22	30.00	-14.79	0.10	15.32	-	-

Table 7-85. ISED Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power (RU484+242)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5250	50 (L)	AVG	996+484	94	25/29.4 (MCS11)	11.86	23.98	-12.12	-1.10	10.76	22.56	-11.80
			AVG	996+484	95	25/29.4 (MCS11)	11.81	23.98	-12.17	-1.10	10.71	22.56	-11.85
		50 (U)	AVG	996+484	94	25/29.4 (MCS11)	11.67	23.57	-11.90	0.20	11.87	22.56	-10.69
			AVG	996+484	95	25/29.4 (MCS11)	11.83	23.57	-11.74	0.20	12.03	22.56	-10.54

Table 7-86. ISED Antenna 2a 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5250	50 (L)	AVG	996+484+242	96	25/29.4 (MCS11)	11.87	23.98	-12.11	-1.10	10.77	22.56	-11.80
			AVG	996+484+242	97	25/29.4 (MCS11)	11.68	23.98	-12.30	-1.10	10.58	22.56	-11.99
			AVG	996+484+242	98	25/29.4 (MCS11)	11.86	23.98	-12.12	-1.10	10.76	22.56	-11.81
			AVG	996+484+242	99	25/29.4 (MCS11)	11.78	23.98	-12.20	-1.10	10.68	22.56	-11.88
	5250	50 (U)	AVG	996+484+242	96	25/29.4 (MCS11)	11.60	23.57	-11.97	0.20	11.80	22.56	-10.76
			AVG	996+484+242	97	25/29.4 (MCS11)	11.88	23.57	-11.69	0.20	12.08	22.56	-10.48
			AVG	996+484+242	98	25/29.4 (MCS11)	11.85	23.57	-11.72	0.20	12.05	22.56	-10.52
			AVG	996+484+242	99	25/29.4 (MCS11)	11.90	23.57	-11.67	0.20	12.10	22.56	-10.47

Table 7-87. ISED Antenna 2a 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 67 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	15.95	-	-	-1.10	14.85	22.56	-7.72
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	16.73	-	-	-1.10	15.63	22.56	-6.93
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	16.53	-	-	-1.10	15.43	22.56	-7.13
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	18.26	23.57	-5.31	0.20	18.46	29.57	-11.11
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	18.46	23.57	-5.11	0.20	18.66	29.57	-10.91
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.42	23.57	-7.15	0.20	16.62	29.57	-12.95
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.19	23.57	-9.38	0.70	14.89	29.57	-14.68
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	16.89	23.57	-6.68	0.70	17.59	29.57	-11.98
	5540	108	AVG	242	61	121.9/143.4 (MCS11)	18.35	23.57	-5.22	0.70	19.05	29.57	-10.52
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	18.18	23.57	-5.39	0.70	18.88	29.57	-10.69
	5660	132	AVG	242	61	121.9/143.4 (MCS11)	18.28	23.57	-5.29	0.70	18.98	29.57	-10.59
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	18.36	23.57	-5.21	0.70	19.06	29.57	-10.51
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.99	23.57	-9.58	0.70	14.69	29.57	-14.88
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	18.41	23.57	-5.16	0.70	19.11	29.57	-10.46
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	18.11	30.00	-11.89	0.10	18.21	-	-
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	18.18	30.00	-11.82	0.10	18.28	-	-
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	18.26	30.00	-11.74	0.10	18.36	-	-

Table 7-88. ISED Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	13.23	-	-	-1.10	12.13	22.56	-10.43
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	18.28	-	-	-1.10	17.18	22.56	-5.38
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	18.21	23.57	-5.36	0.20	18.41	29.57	-11.16
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.89	23.57	-9.68	0.20	14.09	29.57	-15.48
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	12.18	23.57	-11.39	0.70	12.88	29.57	-16.69
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	16.62	23.57	-6.95	0.70	17.32	29.57	-12.25
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	16.95	23.57	-6.62	0.70	17.65	29.57	-11.92
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	18.37	23.57	-5.20	0.70	19.07	29.57	-10.50
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	18.16	30.00	-11.85	0.10	18.26	-	-
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	18.37	30.00	-11.63	0.10	18.47	-	-

Table 7-89. ISED Antenna 2a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	13.16	-	-	-1.10	12.06	22.56	-10.50
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.82	23.57	-9.75	0.20	14.02	29.57	-15.55
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	12.40	23.57	-11.17	0.70	13.10	29.57	-16.47
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	18.22	23.57	-5.35	0.70	18.92	29.57	-10.65
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	16.90	30.00	-13.10	0.10	17.00	-	-

Table 7-90. ISED Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5250	50	AVG	996x2	68	1020.8/1201 (MCS11)	11.71	23.98	-12.27	0.70	12.41	22.56	-10.15

Table 7-91. ISED Antenna 2a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 68 of 374

7.4.7 FCC CDD Primary Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
5180	36		CDD	AVG	26	0	25/29.4 (MCS11)	9.16	9.19	12.18	23.98	-11.80
			CDD	AVG	26	4	25/29.4 (MCS11)	9.14	9.19	12.18	23.98	-11.80
			CDD	AVG	26	8	25/29.4 (MCS11)	8.97	9.08	12.04	23.98	-11.94
5200	40		CDD	AVG	26	0	25/29.4 (MCS11)	9.10	9.00	12.06	23.98	-11.92
			CDD	AVG	26	4	25/29.4 (MCS11)	9.20	9.04	12.13	23.98	-11.85
			CDD	AVG	26	8	25/29.4 (MCS11)	9.00	9.17	12.10	23.98	-11.88
5240	48		CDD	AVG	26	0	25/29.4 (MCS11)	8.85	8.88	11.87	23.98	-12.11
			CDD	AVG	26	4	25/29.4 (MCS11)	8.92	8.95	11.94	23.98	-12.04
			CDD	AVG	26	8	25/29.4 (MCS11)	8.81	9.00	11.92	23.98	-12.06
5745	149		CDD	AVG	26	0	25/29.4 (MCS11)	9.44	9.33	12.39	30.00	-17.61
			CDD	AVG	26	4	25/29.4 (MCS11)	9.43	9.50	12.47	30.00	-17.53
			CDD	AVG	26	8	25/29.4 (MCS11)	9.45	9.31	12.39	30.00	-17.61
5785	157		CDD	AVG	26	0	25/29.4 (MCS11)	9.16	9.35	12.26	30.00	-17.74
			CDD	AVG	26	4	25/29.4 (MCS11)	9.21	9.45	12.34	30.00	-17.66
			CDD	AVG	26	8	25/29.4 (MCS11)	9.46	9.34	12.41	30.00	-17.59
5825	165		CDD	AVG	26	0	25/29.4 (MCS11)	9.28	9.17	12.24	30.00	-17.76
			CDD	AVG	26	4	25/29.4 (MCS11)	9.20	9.28	12.25	30.00	-17.75
			CDD	AVG	26	8	25/29.4 (MCS11)	9.26	9.38	12.33	30.00	-17.67

Table 7-92. FCC CDD Primary 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
5180	36		CDD	AVG	52	37	50/58.8 (MCS11)	11.76	11.68	14.73	23.98	-9.25
			CDD	AVG	52	39	50/58.8 (MCS11)	11.78	11.60	14.71	23.98	-9.27
			CDD	AVG	52	40	50/58.8 (MCS11)	11.95	11.69	14.83	23.98	-9.15
5200	40		CDD	AVG	52	37	50/58.8 (MCS11)	11.68	11.61	14.66	23.98	-9.32
			CDD	AVG	52	39	50/58.8 (MCS11)	11.58	11.49	14.54	23.98	-9.44
			CDD	AVG	52	40	50/58.8 (MCS11)	11.77	11.40	14.60	23.98	-9.38
5240	48		CDD	AVG	52	37	50/58.8 (MCS11)	11.56	11.61	14.59	23.98	-9.39
			CDD	AVG	52	39	50/58.8 (MCS11)	11.56	11.53	14.55	23.98	-9.43
			CDD	AVG	52	40	50/58.8 (MCS11)	11.70	11.69	14.70	23.98	-9.28
5260	52		CDD	AVG	52	37	50/58.8 (MCS11)	11.54	11.61	14.58	23.57	-8.99
			CDD	AVG	52	39	50/58.8 (MCS11)	11.24	11.62	14.45	23.57	-9.12
			CDD	AVG	52	40	50/58.8 (MCS11)	11.61	11.68	14.66	23.57	-8.91
5300	60		CDD	AVG	52	37	50/58.8 (MCS11)	11.61	11.68	14.65	23.57	-8.92
			CDD	AVG	52	39	50/58.8 (MCS11)	11.64	11.57	14.61	23.57	-8.96
			CDD	AVG	52	40	50/58.8 (MCS11)	11.56	11.69	14.63	23.57	-8.94
5320	64		CDD	AVG	52	37	50/58.8 (MCS11)	11.64	11.62	14.64	23.57	-8.93
			CDD	AVG	52	39	50/58.8 (MCS11)	11.55	11.49	14.53	23.57	-9.04
			CDD	AVG	52	40	50/58.8 (MCS11)	11.33	11.65	14.50	23.57	-9.07
5500	100		CDD	AVG	52	37	50/58.8 (MCS11)	11.65	11.63	14.65	23.57	-8.92
			CDD	AVG	52	39	50/58.8 (MCS11)	11.58	11.53	14.56	23.57	-9.01
			CDD	AVG	52	40	50/58.8 (MCS11)	11.44	11.64	14.55	23.57	-9.02
5580	116		CDD	AVG	52	37	50/58.8 (MCS11)	11.72	11.63	14.68	23.57	-8.89
			CDD	AVG	52	39	50/58.8 (MCS11)	11.63	11.90	14.78	23.57	-8.79
			CDD	AVG	52	40	50/58.8 (MCS11)	11.74	11.63	14.69	23.57	-8.88
5720	144		CDD	AVG	52	37	50/58.8 (MCS11)	11.50	11.55	14.53	23.57	-9.04
			CDD	AVG	52	39	50/58.8 (MCS11)	11.56	11.68	14.63	23.57	-8.94
			CDD	AVG	52	40	50/58.8 (MCS11)	11.64	11.43	14.54	23.57	-9.03
5745	149		CDD	AVG	52	37	50/58.8 (MCS11)	12.22	12.21	15.22	30.00	-14.78
			CDD	AVG	52	39	50/58.8 (MCS11)	12.20	12.27	15.24	30.00	-14.76
			CDD	AVG	52	40	50/58.8 (MCS11)	12.24	12.43	15.35	30.00	-14.65
5785	157		CDD	AVG	52	37	50/58.8 (MCS11)	12.17	12.50	15.35	30.00	-14.65
			CDD	AVG	52	39	50/58.8 (MCS11)	12.15	12.27	15.22	30.00	-14.78
			CDD	AVG	52	40	50/58.8 (MCS11)	12.49	12.33	15.42	30.00	-14.58
5825	165		CDD	AVG	52	37	50/58.8 (MCS11)	12.25	12.36	15.31	30.00	-14.69
			CDD	AVG	52	39	50/58.8 (MCS11)	12.20	12.12	15.17	30.00	-14.83
			CDD	AVG	52	40	50/58.8 (MCS11)	12.29	12.44	15.38	30.00	-14.62

Table 7-93. FCC CDD Primary 20MHz BW (UNII) Maximum Conducted Output Power (RU52)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 69 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
	5180	36	CDD	AVG	106	53	106.3/125 (MCS11)	13.51	13.60	16.56	23.98	-7.42
			CDD	AVG	106	54	106.3/125 (MCS11)	13.35	13.53	16.45	23.98	-7.53
	5200	40	CDD	AVG	106	53	106.3/125 (MCS11)	14.93	15.05	18.00	23.98	-5.98
			CDD	AVG	106	54	106.3/125 (MCS11)	14.94	14.92	17.94	23.98	-6.04
	5240	48	CDD	AVG	106	53	106.3/125 (MCS11)	14.77	14.61	17.70	23.98	-6.28
			CDD	AVG	106	54	106.3/125 (MCS11)	14.61	14.57	17.60	23.98	-6.38
	5260	52	CDD	AVG	106	53	106.3/125 (MCS11)	14.94	14.94	17.95	23.57	-5.62
			CDD	AVG	106	54	106.3/125 (MCS11)	14.91	14.76	17.84	23.57	-5.73
	5300	60	CDD	AVG	106	53	106.3/125 (MCS11)	14.56	14.58	17.58	23.57	-5.99
			CDD	AVG	106	54	106.3/125 (MCS11)	14.66	14.77	17.73	23.57	-5.84
	5320	64	CDD	AVG	106	53	106.3/125 (MCS11)	13.16	13.28	16.23	23.57	-7.34
			CDD	AVG	106	54	106.3/125 (MCS11)	13.12	13.14	16.14	23.57	-7.43
	5500	100	CDD	AVG	106	53	106.3/125 (MCS11)	13.15	13.12	16.14	23.57	-7.43
			CDD	AVG	106	54	106.3/125 (MCS11)	13.16	13.19	16.18	23.57	-7.39
	5580	116	CDD	AVG	106	53	106.3/125 (MCS11)	14.84	14.86	17.86	23.57	-5.71
			CDD	AVG	106	54	106.3/125 (MCS11)	14.88	14.86	17.88	23.57	-5.69
	5700	140	CDD	AVG	106	53	106.3/125 (MCS11)	13.33	13.29	16.32	23.57	-7.25
			CDD	AVG	106	54	106.3/125 (MCS11)	13.35	13.37	16.37	23.57	-7.20
	5720	144	CDD	AVG	106	53	106.3/125 (MCS11)	14.76	14.78	17.78	23.57	-5.79
			CDD	AVG	106	54	106.3/125 (MCS11)	14.81	14.80	17.81	23.57	-5.76
	5745	149	CDD	AVG	106	53	106.3/125 (MCS11)	15.25	15.40	18.34	30.00	-11.66
			CDD	AVG	106	54	106.3/125 (MCS11)	15.24	15.41	18.34	30.00	-11.66
	5785	157	CDD	AVG	106	53	106.3/125 (MCS11)	15.40	15.27	18.34	30.00	-11.66
			CDD	AVG	106	54	106.3/125 (MCS11)	15.41	15.19	18.31	30.00	-11.69
	5825	165	CDD	AVG	106	53	106.3/125 (MCS11)	15.21	15.19	18.21	30.00	-11.79
			CDD	AVG	106	54	106.3/125 (MCS11)	15.30	15.23	18.27	30.00	-11.73

Table 7-94. FCC CDD Primary 20MHz BW (UNII) Maximum Conducted Output Power (RU106)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
	5180	36	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.59	13.63	16.62	23.98	-7.36
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.62	13.64	16.64	23.98	-7.34
	5200	40	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.34	13.44	16.40	23.98	-7.58
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.63	13.50	16.57	23.98	-7.41
	5240	48	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.45	13.44	16.46	23.98	-7.52
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.35	13.58	16.47	23.98	-7.51
	5260	52	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.63	13.52	16.59	23.57	-6.98
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.54	13.42	16.49	23.57	-7.08
	5300	60	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.50	13.46	16.49	23.57	-7.08
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.52	13.59	16.56	23.57	-7.01
	5320	64	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.55	13.55	16.56	23.57	-7.01
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.45	13.46	16.46	23.57	-7.11
	5500	100	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	11.79	11.72	14.76	23.57	-8.81
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	11.69	11.63	14.67	23.57	-8.90
	5520	104	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.46	13.37	16.42	23.57	-7.15
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.35	13.27	16.32	23.57	-7.25
	5540	108	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.48	13.38	16.44	23.57	-7.13
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.40	13.28	16.35	23.57	-7.22
	5580	116	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.42	13.43	16.43	23.57	-7.14
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.31	13.43	16.38	23.57	-7.19
	5660	132	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.67	13.77	16.73	23.57	-6.84
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.46	13.61	16.55	23.57	-7.02
	5680	136	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.54	13.42	16.49	23.57	-7.08
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.43	13.32	16.38	23.57	-7.19
	5700	140	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	11.98	11.99	14.99	23.57	-8.58
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	11.84	11.90	14.88	23.57	-8.69
	5720	144	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.57	13.40	16.50	23.57	-7.07
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.46	13.67	16.58	23.57	-6.99
	5745	149	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.61	13.97	16.80	30.00	-13.20
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.64	13.77	16.71	30.00	-13.29
	5785	157	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.81	13.96	16.90	30.00	-13.10
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.83	13.87	16.86	30.00	-13.14
	5825	165	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.80	13.84	16.83	30.00	-13.17
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.64	13.89	16.77	30.00	-13.23

Table 7-95. FCC CDD Primary 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 70 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
	5180	36	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	14.33	14.41	17.38	23.98	-6.60
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	14.25	14.33	17.30	23.98	-6.68
	5200	40	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.75	15.69	18.73	23.98	-5.25
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.89	15.80	18.85	23.98	-5.13
	5240	48	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.56	15.45	18.52	23.98	-5.46
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.57	15.58	18.59	23.98	-5.39
	5260	52	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.53	15.33	18.44	23.57	-5.13
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.56	15.40	18.49	23.57	-5.08
	5300	60	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.52	15.44	18.49	23.57	-5.08
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.49	15.60	18.56	23.57	-5.01
	5320	64	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	14.02	13.95	16.99	23.57	-6.58
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	14.09	14.05	17.08	23.57	-6.49
	5500	100	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.81	13.71	16.77	23.57	-6.80
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	13.87	13.72	16.81	23.57	-6.76
	5520	104	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.49	15.53	18.52	23.57	-5.05
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.43	15.59	18.52	23.57	-5.05
	5540	108	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.57	15.52	18.56	23.57	-5.01
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.45	15.63	18.55	23.57	-5.02
	5580	116	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.41	15.55	18.49	23.57	-5.08
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.74	15.52	18.64	23.57	-4.93
	5660	132	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.38	15.36	18.38	23.57	-5.19
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.35	15.45	18.41	23.57	-5.16
	5680	136	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.36	15.40	18.39	23.57	-5.18
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.36	15.45	18.42	23.57	-5.15
	5700	140	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.96	13.92	16.95	23.57	-6.62
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	13.74	13.96	16.86	23.57	-6.71
	5720	144	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.72	15.68	18.71	23.57	-4.86
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.70	15.63	18.67	23.57	-4.90
	5745	149	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.74	15.87	18.81	30.00	-11.19
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.85	15.81	18.84	30.00	-11.16
	5785	157	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.92	15.84	18.89	30.00	-11.11
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.74	15.88	18.82	30.00	-11.18
	5825	165	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	15.90	18.80	30.00	-11.20
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.66	15.66	18.67	30.00	-11.33

Table 7-96. FCC CDD Primary 20MHz BW (UNII) Maximum Conducted Output Power (RU106+26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
	5210	42	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	12.20	12.01	15.12	23.98	-8.86
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	11.94	12.21	15.08	23.98	-8.90
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	12.00	12.29	15.15	23.98	-8.83
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	12.23	12.26	15.25	23.98	-8.73
	5290	58	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	13.14	13.18	16.17	23.57	-7.40
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	13.20	12.99	16.11	23.57	-7.46
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	13.22	13.00	16.12	23.57	-7.45
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	13.23	13.26	16.26	23.57	-7.31
	5530	106	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	11.55	11.56	14.57	23.57	-9.00
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	11.65	11.70	14.69	23.57	-8.88
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	11.79	11.72	14.76	23.57	-8.81
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	11.43	11.73	14.59	23.57	-8.98
	5610	122	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	16.81	16.68	19.76	23.57	-3.81
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	16.95	16.97	19.97	23.57	-3.60
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	16.94	16.95	19.96	23.57	-3.61
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	16.67	16.62	19.65	23.57	-3.92
	5690	138	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	18.43	18.49	21.47	23.57	-2.10
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	18.11	18.26	21.20	23.57	-2.37
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	18.45	18.40	21.43	23.57	-2.14
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	18.32	18.39	21.36	23.57	-2.21
	5775	155	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	15.72	15.69	18.72	30.00	-11.28
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	15.93	15.79	18.87	30.00	-11.13
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	15.81	15.87	18.85	30.00	-11.15
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	15.94	15.90	18.93	30.00	-11.07

Table 7-97. FCC CDD Primary 80MHz BW (UNII) Maximum Conducted Output Power (RU484+242)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
	5250	50 (L)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.46	11.19	14.33	23.98	-9.65
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.32	11.33	14.33	23.98	-9.65
		50 (U)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.21	11.13	14.18	23.57	-9.39
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.29	11.33	14.32	23.57	-9.25
	5570	114 (L)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.47	11.27	14.38	23.57	-9.19
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.23	11.36	14.30	23.57	-9.27
		114 (U)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.31	11.36	14.35	23.57	-9.22
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.30	11.43	14.37	23.57	-9.20

Table 7-98. FCC CDD Primary 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 71 of 374

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
5GHz (160MHz Bandwidth)	5250	50 (L)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.46	11.19	14.34	23.98	-9.64
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.19	11.42	14.32	23.98	-9.66
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.32	11.12	14.23	23.98	-9.75
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.33	11.40	14.38	23.98	-9.60
	5250	50 (U)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.19	11.12	14.16	23.57	-9.41
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.47	11.46	14.48	23.57	-9.09
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.40	11.27	14.35	23.57	-9.22
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.25	11.11	14.19	23.57	-9.38
	5570	114 (L)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.29	11.36	14.34	23.57	-9.23
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.40	11.46	14.44	23.57	-9.13
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.38	11.24	14.32	23.57	-9.25
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.33	11.14	14.25	23.57	-9.32
	5570	114 (U)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.30	11.11	14.22	23.57	-9.35
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.34	11.31	14.33	23.57	-9.24
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.27	11.44	14.36	23.57	-9.21
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.15	11.17	14.17	23.57	-9.40

Table 7-99. FCC CDD Primary 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
	5180	36	CDD	AVG	242	61	243.8/286.8 (MCS11)	15.17	15.24	18.22	23.98	-5.76
	5200	40	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.12	18.14	21.14	23.98	-2.84
	5240	48	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.19	18.19	21.20	23.98	-2.78
	5260	52	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.17	17.92	21.06	23.57	-2.51
	5300	60	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.40	18.10	21.26	23.57	-2.31
	5320	64	CDD	AVG	242	61	243.8/286.8 (MCS11)	15.55	15.46	18.52	23.57	-5.05
	5500	100	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.75	13.81	16.79	23.57	-6.78
	5520	104	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.84	16.72	19.79	23.57	-3.78
	5540	108	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.22	18.14	21.19	23.57	-2.38
	5580	116	CDD	AVG	242	61	243.8/286.8 (MCS11)	17.96	17.91	20.95	23.57	-2.62
	5660	132	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.25	18.01	21.14	23.57	-2.43
	5680	136	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.73	16.90	19.83	23.57	-3.74
	5700	140	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.88	13.90	16.90	23.57	-6.67
	5720	144	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.11	18.22	21.18	23.57	-2.39
	5745	149	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.47	18.28	21.39	30.00	-8.61
	5785	157	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.21	18.30	21.27	30.00	-8.73
	5825	165	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.33	18.36	21.36	30.00	-8.64

Table 7-100. FCC CDD Primary 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
	5190	38	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.89	12.95	15.93	23.98	-8.05
	5230	46	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.37	18.34	21.36	23.98	-2.62
	5270	54	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.28	18.29	21.29	23.57	-2.28
	5310	62	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.90	12.83	15.87	23.57	-7.70
	5510	102	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.41	12.36	15.39	23.57	-8.18
	5550	110	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.78	16.65	19.72	23.57	-3.85
	5590	118	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.41	18.43	21.43	23.57	-2.14
	5630	126	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.33	18.14	21.24	23.57	-2.33
5670	134	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.14	16.26	19.21	23.57	-4.36	
5710	142	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.23	18.24	21.24	23.57	-2.33	
5755	151	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.36	18.42	21.40	30.00	-8.60	
5795	159	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.30	18.45	21.38	30.00	-8.62	

Table 7-101. FCC CDD Primary 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
	5210	42	CDD	AVG	996	67	1020.8/1201 (MCS11)	12.19	12.11	15.16	23.98	-8.82
	5290	58	CDD	AVG	996	67	1020.8/1201 (MCS11)	13.76	13.66	16.72	23.57	-6.85
	5530	106	CDD	AVG	996	67	1020.8/1201 (MCS11)	12.32	12.40	15.37	23.57	-8.20
	5610	122	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.78	16.65	19.72	23.57	-3.85
	5690	138	CDD	AVG	996	67	1020.8/1201 (MCS11)	18.34	18.14	21.25	23.57	-2.32
	5775	155	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.40	16.23	19.32	30.00	-10.68

Table 7-102. FCC CDD Primary 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5B	Antenna 4a	Summed		
	5250	50	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	11.31	11.27	14.30	23.98	-9.68
	5570	114	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	11.25	11.11	14.19	23.57	-9.38

Table 7-103. FCC CDD Primary 160MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 72 of 374

7.4.8 ISED CDD/SDM Primary Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna WF5B	Antenna 4a	Summed						
5GHz (20MHz Bandwidth)	5180	36	SDM	AVG	26	0	25/29.4 (MCS11)	6.26	6.31	9.30	-	-	1.76	11.06	22.56	-11.50
			SDM	AVG	26	4	25/29.4 (MCS11)	6.33	6.28	9.31	-	-	1.76	11.07	22.56	-11.49
			SDM	AVG	26	8	25/29.4 (MCS11)	6.34	6.08	9.22	-	-	1.76	10.98	22.56	-11.58
	5200	40	SDM	AVG	26	0	25/29.4 (MCS11)	6.30	6.27	9.29	-	-	1.76	11.05	22.56	-11.51
			SDM	AVG	26	4	25/29.4 (MCS11)	6.39	6.24	9.32	-	-	1.76	11.08	22.56	-11.48
			SDM	AVG	26	8	25/29.4 (MCS11)	6.26	6.33	9.30	-	-	1.76	11.06	22.56	-11.50
	5240	48	SDM	AVG	26	0	25/29.4 (MCS11)	6.20	6.04	9.13	-	-	1.76	10.89	22.56	-11.67
			SDM	AVG	26	4	25/29.4 (MCS11)	6.15	5.81	8.99	-	-	1.76	10.75	22.56	-11.81
			SDM	AVG	26	8	25/29.4 (MCS11)	6.12	6.14	9.14	-	-	1.76	10.90	22.56	-11.66
	5745	149	CDD	AVG	26	0	25/29.4 (MCS11)	9.44	9.33	12.39	30.00	-17.61	0.60	12.99	-	-
			CDD	AVG	26	4	25/29.4 (MCS11)	9.43	9.50	12.47	30.00	-17.53	0.60	13.07	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	9.45	9.31	12.39	30.00	-17.61	0.60	12.99	-	-
	5785	157	CDD	AVG	26	0	25/29.4 (MCS11)	9.16	9.35	12.26	30.00	-17.74	0.60	12.86	-	-
			CDD	AVG	26	4	25/29.4 (MCS11)	9.21	9.45	12.34	30.00	-17.66	0.60	12.94	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	9.46	9.34	12.41	30.00	-17.59	0.60	13.01	-	-
	5825	165	CDD	AVG	26	0	25/29.4 (MCS11)	9.28	9.17	12.24	30.00	-17.76	0.60	12.84	-	-
			CDD	AVG	26	4	25/29.4 (MCS11)	9.20	9.28	12.25	30.00	-17.75	0.60	12.85	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	9.26	9.38	12.33	30.00	-17.67	0.60	12.93	-	-

Table 7-104. ISED CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna WF5B	Antenna 4a	Summed						
5GHz (20MHz Bandwidth)	5180	36	SDM	AVG	52	37	50/58.8 (MCS11)	8.94	9.06	12.01	-	-	1.76	13.77	22.56	-8.79
			SDM	AVG	52	39	50/58.8 (MCS11)	9.01	8.86	11.94	-	-	1.76	13.70	22.56	-8.86
			SDM	AVG	52	40	50/58.8 (MCS11)	8.91	8.99	11.96	-	-	1.76	13.72	22.56	-8.84
	5200	40	SDM	AVG	52	37	50/58.8 (MCS11)	8.94	8.95	11.95	-	-	1.76	13.71	22.56	-8.85
			SDM	AVG	52	39	50/58.8 (MCS11)	8.77	8.81	11.80	-	-	1.76	13.56	22.56	-9.00
			SDM	AVG	52	40	50/58.8 (MCS11)	8.84	8.75	11.80	-	-	1.76	13.56	22.56	-9.00
	5240	48	SDM	AVG	52	37	50/58.8 (MCS11)	8.71	8.56	11.64	-	-	1.76	13.40	22.56	-9.16
			SDM	AVG	52	39	50/58.8 (MCS11)	8.74	8.86	11.81	-	-	1.76	13.57	22.56	-8.99
			SDM	AVG	52	40	50/58.8 (MCS11)	8.61	8.61	11.62	-	-	1.76	13.38	22.56	-9.18
	5260	52	CDD	AVG	52	37	50/58.8 (MCS11)	11.54	11.61	14.58	23.57	-8.99	3.30	17.88	29.57	-11.69
			CDD	AVG	52	39	50/58.8 (MCS11)	11.24	11.62	14.45	23.57	-9.12	3.30	17.75	29.57	-11.82
			CDD	AVG	52	40	50/58.8 (MCS11)	11.61	11.68	14.66	23.57	-8.91	3.30	17.96	29.57	-11.61
	5300	60	CDD	AVG	52	37	50/58.8 (MCS11)	11.61	11.68	14.65	23.57	-8.92	3.30	17.95	29.57	-11.62
			CDD	AVG	52	39	50/58.8 (MCS11)	11.64	11.57	14.61	23.57	-8.96	3.30	17.91	29.57	-11.66
			CDD	AVG	52	40	50/58.8 (MCS11)	11.56	11.69	14.63	23.57	-8.94	3.30	17.93	29.57	-11.64
	5320	64	CDD	AVG	52	37	50/58.8 (MCS11)	11.64	11.62	14.64	23.57	-8.93	3.30	17.94	29.57	-11.63
			CDD	AVG	52	39	50/58.8 (MCS11)	11.55	11.49	14.53	23.57	-9.04	3.30	17.83	29.57	-11.74
			CDD	AVG	52	40	50/58.8 (MCS11)	11.33	11.65	14.50	23.57	-9.07	3.30	17.80	29.57	-11.77
	5500	100	CDD	AVG	52	37	50/58.8 (MCS11)	11.65	11.63	14.65	23.57	-8.92	2.10	16.75	29.57	-12.82
			CDD	AVG	52	39	50/58.8 (MCS11)	11.58	11.53	14.56	23.57	-9.01	2.10	16.66	29.57	-12.91
			CDD	AVG	52	40	50/58.8 (MCS11)	11.44	11.64	14.55	23.57	-9.02	2.10	16.65	29.57	-12.92
	5580	116	CDD	AVG	52	37	50/58.8 (MCS11)	11.72	11.63	14.68	23.57	-8.89	2.10	16.78	29.57	-12.79
			CDD	AVG	52	39	50/58.8 (MCS11)	11.63	11.90	14.78	23.57	-8.79	2.10	16.88	29.57	-12.69
			CDD	AVG	52	40	50/58.8 (MCS11)	11.74	11.63	14.69	23.57	-8.88	2.10	16.79	29.57	-12.78
	5720	144	CDD	AVG	52	37	50/58.8 (MCS11)	11.50	11.55	14.53	23.57	-9.04	2.10	16.63	29.57	-12.94
			CDD	AVG	52	39	50/58.8 (MCS11)	11.56	11.68	14.63	23.57	-8.94	2.10	16.73	29.57	-12.84
			CDD	AVG	52	40	50/58.8 (MCS11)	11.64	11.43	14.54	23.57	-9.03	2.10	16.64	29.57	-12.93
	5745	149	CDD	AVG	52	37	50/58.8 (MCS11)	12.22	12.21	15.22	30.00	-14.78	0.60	15.82	-	-
			CDD	AVG	52	39	50/58.8 (MCS11)	12.20	12.27	15.24	30.00	-14.76	0.10	15.34	-	-
			CDD	AVG	52	40	50/58.8 (MCS11)	12.24	12.43	15.35	30.00	-14.65	0.10	15.45	-	-
	5785	157	CDD	AVG	52	37	50/58.8 (MCS11)	12.17	12.50	15.35	30.00	-14.65	0.10	15.45	-	-
			CDD	AVG	52	39	50/58.8 (MCS11)	12.15	12.27	15.22	30.00	-14.78	0.10	15.32	-	-
			CDD	AVG	52	40	50/58.8 (MCS11)	12.49	12.33	15.42	30.00	-14.58	0.10	15.52	-	-
	5825	165	CDD	AVG	52	37	50/58.8 (MCS11)	12.25	12.36	15.31	30.00	-14.69	0.10	15.41	-	-
			CDD	AVG	52	39	50/58.8 (MCS11)	12.20	12.12	15.17	30.00	-14.83	0.10	15.27	-	-
			CDD	AVG	52	40	50/58.8 (MCS11)	12.29	12.44	15.38	30.00	-14.62	0.10	15.48	-	-

Table 7-105. ISED CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna WF5B	Antenna 4a	Summed						
5180	36	SDM	AVG	106	53	106.3/125 (MCS11)	10.80	10.66	13.64	-	-	1.76	15.40	22.56	-7.16	
		SDM	AVG	106	54	106.3/125 (MCS11)	10.74	10.67	13.71	-	-	1.76	15.47	22.56	-7.09	
5200	40	SDM	AVG	106	53	106.3/125 (MCS11)	11.98	12.17	15.08	-	-	1.76	16.84	22.56	-5.72	
		SDM	AVG	106	54	106.3/125 (MCS11)	11.94	12.12	15.04	-	-	1.76	16.80	22.56	-5.76	
5240	48	SDM	AVG	106	53	106.3/125 (MCS11)	11.98	11.79	14.89	-	-	1.76	16.65	22.56	-5.91	
		SDM	AVG	106	54	106.3/125 (MCS11)	11.98	11.85	14.93	-	-	1.76	16.69	22.56	-5.87	
5260	52	CDD	AVG	106	53	106.3/125 (MCS11)	14.94	14.94	17.95	23.57	-5.62	3.30	21.25	29.57	-8.32	
		CDD	AVG	106	54	106.3/125 (MCS11)	14.91	14.76	17.84	23.57	-5.73	3.30	21.14	29.57	-8.43	
5300	60	CDD	AVG	106	53	106.3/125 (MCS11)	14.66	14.58	17.58	23.57	-5.99	3.30	20.88	29.57	-8.69	
		CDD	AVG	106	54	106.3/125 (MCS11)	14.66	14.77	17.73	23.57	-5.84	3.30	21.03	29.57	-8.54	
5320	64	CDD	AVG	106	53	106.3/125 (MCS11)	13.16	13.28	16.23	23.57	-7.34	3.30	19.53	29.57	-10.04	
		CDD	AVG	106	54	106.3/125 (MCS11)	13.12	13.14	16.14	23.57	-7.43	3.30	19.44	29.57	-10.13	
5500	100	CDD	AVG	106	53	106.3/125 (MCS11)	13.15	13.12	16.14	23.57	-7.43	2.10	18.24	29.57	-11.33	
		CDD	AVG	106	54	106.3/125 (MCS11)	13.16	13.19	16.18	23.57	-7.39	2.10	18.28	29.57	-11.29	
5580	116	CDD	AVG	106	53	106.3/125 (MCS11)	14.84	14.86	17.86	23.57	-5.71	2.10	19.96	29.57	-9.61	
		CDD	AVG	106	54	106.3/125 (MCS11)	14.88	14.86	17.88	23.57	-5.69	2.10	19.98	29.57	-9.59	
5700	140	CDD	AVG	106	53	106.3/125 (MCS11)	13.33	13.29	16.32	23.57	-7.25	2.10	18.42	29.57	-11.15	
		CDD	AVG	106	54	106.3/125 (MCS11)	13.35	13.37	16.37	23.57	-7.20	2.10	18.47	29.57	-11.10	
5720	144	CDD	AVG	106	53	106.3/125 (MCS11)	14.76	14.78	17.78	23.57	-5.79	2.10	19.89	29.57	-9.60	
		CDD	AVG	106	54	106.3/125 (MCS11)	14.81	14.80	17.81	23.57	-5.76	2.10	19.91	29.57	-9.66	
5745	149	CDD	AVG	106	53	106.3/125 (MCS11)	15.25	15.40	18.34	30.00	-11.66	0.60	18.94	-	-	
		CDD	AVG	106	54	106.3/125 (MCS11)	15.24	15.41	18.34	30.00	-11.66	0.60	18.94	-	-	
5785	157	CDD	AVG	106	53	106.3/125 (MCS11)	15.40	15.27	18.34	30.00	-11.66	0.60	18.94	-	-	
		CDD	AVG	106	54	106.3/125 (MCS11)	15.41	15.19	18.31	30.00	-11.69	0.60	18.91	-	-	
5825	165	CDD	AVG	106	53	106.3/125 (MCS11)	15.21	15.19	18.21	30.00	-11.79	0.60	18.81	-	-	
		CDD	AVG	106	54	106.3/125 (MCS11)	15.30	15.23	18.27	30.00	-11.73	0.60	18.87	-	-	

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna WF5B	Antenna 4a	Summed						
	5180	36	SDM	AVG	52+26	71	12.5/14.7 (MCS11)	10.80	10.79	13.80	23.98	-10.18	1.76	15.56	22.56	-7.00
			SDM	AVG	52+26	72	12.5/14.7 (MCS11)	10.76	10.72	13.75	23.98	-10.23	1.76	15.51	22.56	-7.05
			SDM	AVG	52+26	71	12.5/14.7 (MCS11)	10.74	10.82	13.79	23.98	-10.19	1.76	15.55	22.56	-7.01
	5200	40	SDM	AVG	52+26	72	12.5/14.7 (MCS11)	10.83	10.68	13.77	23.98	-10.21	1.76	15.53	22.56	-7.03
			SDM	AVG	52+26	71	12.5/14.7 (MCS11)	10.55	10.73	13.65	23.98	-10.33	1.76	15.41	22.56	-7.15
			SDM	AVG	52+26	72	12.5/14.7 (MCS11)	10.60	10.70	13.66	23.98	-10.32	1.76	15.42	22.56	-7.14
	5260	52	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.63	13.52	16.59	23.57	-5.86	3.30	19.85	29.57	-9.68
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.54	13.42	16.49	23.57	-7.08	3.30	19.79	29.57	-9.78
			CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.50	13.46	16.49	23.57	-7.08	3.30	19.79	29.57	-9.78
	5300	60	CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.52	13.59	16.56	23.57	-7.01	3.30	19.86	29.57	-9.71
			CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.55	13.55	16.56	23.57	-7.01	3.30	19.86	29.57	-9.71
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.45	13.46	16.46	23.57	-7.11	3.30	19.78	29.57	-9.81
	5320	64	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	11.79	11.72	14.76	23.57	-8.81	2.10	16.86	29.57	-12.71
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	11.69	11.63	14.67	23.57	-8.90	2.10	16.77	29.57	-12.80
			CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.48	13.38	16.44	23.57	-7.13	2.10	18.54	29.57	-11.03
	5520	104	CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.40	13.28	16.35	23.57	-7.22	2.10	18.45	29.57	-11.12
			CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.42	13.43	16.43	23.57	-7.14	2.10	18.53	29.57	-11.04
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.31	13.43	16.38	23.57	-7.19	2.10	18.48	29.57	-11.09
	5540	108	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.42	13.43	16.43	23.57	-7.14	2.10	18.53	29.57	-11.04
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.31	13.43	16.38	23.57	-7.19	2.10	18.48	29.57	-11.09
			CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.54	13.42	16.49	23.57	-7.08	2.10	18.59	29.57	-10.98
	5660	132	CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.43	13.32	16.38	23.57	-7.19	2.10	18.48	29.57	-11.09
			CDD	AVG	52+26	71	12.5/14.7 (MCS11)	11.98	11.99	14.99	23.57	-8.58	2.10	17.09	29.57	-12.48
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	11.84	11.90	14.88	23.57	-8.69	2.10	16.98	29.57	-12.59
	5680	136	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.57	13.40	16.50	23.57	-7.07	2.10	18.60	29.57	-10.97
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.46	13.67	16.58	23.57	-6.99	2.10	18.68	29.57	-10.89
			CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.57	13.40	16.50	23.57	-7.07	2.10	18.60	29.57	-10.97
	5700	140	CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.46	13.67	16.58	23.57	-6.99	2.10	18.68	29.57	-10.89
			CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.61	13.97	16.80	30.00	-13.20	0.60	17.40	-	-
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.64	13.77	16.71	30.00	-13.29	0.60	17.31	-	-
	5745	149	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.81	13.96	16.90	30.00	-13.10	0.60	17.50	-	-
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.83	13.87	16.86	30.00	-13.14	0.60	17.46	-	-
			CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.80	13.84	16.83	30.00	-13.17	0.60	17.43	-	-
	5825	165	CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.64	13.89	16.77	30.00	-13.23	0.60	17.37	-	-

Table 7-107. ISED CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna WF5B	Antenna 4a	Summed						
5180	36	SDM	AVG	106+26	82	12.5/14.7 (MCS11)	11.58	11.59	14.59	23.98	-9.39	1.76	16.35	22.56	-6.21	
		SDM	AVG	106+26	83	12.5/14.7 (MCS11)	11.48	11.61	14.56	23.98	-9.42	1.76	16.32	22.56	-6.24	
		SDM	AVG	106+26	82	12.5/14.7 (MCS11)	12.87	12.91	15.90	23.98	-8.08	1.76	17.66	22.56	-4.90	
5200	40	SDM	AVG	106+26	83	12.5/14.7 (MCS11)	12.91	13.00	15.96	23.98	-8.02	1.76	17.72	22.56	-4.84	
		SDM	AVG	106+26	82	12.5/14.7 (MCS11)	12.59	12.70	15.66	23.98	-8.32	1.76	17.42	22.56	-5.14	
		SDM	AVG	106+26	83	12.5/14.7 (MCS11)	12.67	12.84	15.77	23.98	-8.21	1.76	17.53	22.56	-5.03	
5240	48	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.53	15.33	18.44	23.57	-5.13	3.30	21.74	29.57	-7.83	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.56	15.40	18.49	23.57	-5.08	3.30	21.79	29.57	-7.78	
		CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.52	15.44	18.49	23.57	-5.08	3.30	21.79	29.57	-7.78	
5260	52	CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.49	15.60	18.56	23.57	-5.01	3.30	21.86	29.57	-7.71	
		CDD	AVG	106+26	82	12.5/14.7 (MCS11)	14.02	13.95	16.99	23.57	-6.58	3.30	20.29	29.57	-9.28	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	14.09	14.05	17.08	23.57	-6.49	3.30	20.38	29.57	-9.19	
5300	60	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.81	13.71	16.77	23.57	-6.80	2.10	18.87	29.57	-10.70	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	13.87	13.72	16.81	23.57	-6.76	2.10	18.91	29.57	-10.66	
		CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.49	15.53	18.52	23.57	-5.05	2.10	20.62	29.57	-8.95	
5320	64	CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.43	15.59	18.52	23.57	-5.05	2.10	20.62	29.57	-8.95	
		CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.57	15.52	18.56	23.57	-5.01	2.10	20.66	29.57	-8.91	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.45	15.63	18.55	23.57	-5.02	2.10	20.65	29.57	-8.92	
5500	100	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.41	15.55	18.49	23.57	-5.08	2.10	20.59	29.57	-8.98	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.74	15.52	18.64	23.57	-4.93	2.10	20.74	29.57	-8.83	
		CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.38	15.36	18.38	23.57	-5.19	2.10	20.48	29.57	-9.09	
5520	104	CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.35	15.45	18.41	23.57	-5.16	2.10	20.51	29.57	-9.06	
		CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.36	15.40	18.39	23.57	-5.18	2.10	20.49	29.57	-9.08	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.36	15.45	18.42	23.57	-5.15	2.10	20.52	29.57	-9.05	
5540	108	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.96	13.92	16.95	23.57	-6.62	2.10	19.05	29.57	-10.52	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	13.74	13.96	16.86	23.57	-6.71	2.10	18.96	29.57	-10.61	
		CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.72	15.68	18.71	23.57	-4.86	2.10	20.81	29.57	-8.76	
5580	116	CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.70	15.63	18.67	23.57	-4.90	2.10	20.77	29.57	-8.80	
		CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.74	15.87	18.81	30.00	-11.19	0.60	19.41	-	-	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.85	15.81	18.84	30.00	-11.16	0.60	19.44	-	-	
5660	132	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.92	15.84	18.89	30.00	-11.11	0.60	19.49	-	-	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.74	15.88	18.82	30.00	-11.18	0.60	19.42	-	-	
		CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	15.90	18.80	30.00	-11.20	0.60	19.40	-	-	
5680	136	CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.66	15.66	18.67	30.00	-11.33	0.60	19.27	-	-	

5GHz (160MHz) Bandwidth	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna WF5B	Antenna 4a	Summed						
5250	50 (L)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.40	11.14	14.28	23.98	-9.70	3.40	17.68	22.56	-4.88	
		CDD	AVG	996+484	95	25/29.4 (MCS11)	11.11	11.46	14.30	23.98	-9.68	3.40	17.70	22.56	-4.86	
	50 (U)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.15	11.28	14.23	23.57	-9.34	3.30	17.53	22.56	-5.03	
		CDD	AVG	996+484	95	25/29.4 (MCS11)	11.30	11.37	14.34	23.57	-9.23	3.30	17.64	22.56	-4.92	

Table 7-110. ISED CDD Primary 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]		
								Antenna WF5B									Antenna 4a	Summed
	5250	50 (L)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.47	11.26	14.38	23.98	-9.60	3.40	17.78	22.56	-4.78		
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.18	11.31	14.25	23.98	-9.73	3.40	17.65	22.56	-4.91		
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.10	11.41	14.27	23.98	-9.71	3.40	17.67	22.56	-4.89		
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.31	11.39	14.36	23.98	-9.62	3.40	17.76	22.56	-4.80		
			CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.17	11.49	14.34	23.57	-9.23	3.30	17.64	22.56	-4.92		
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.44	11.20	14.33	23.57	-9.24	3.30	17.63	22.56	-4.93		
	5250	50 (U)	CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.35	11.34	14.35	23.57	-9.22	3.30	17.65	22.56	-4.91		
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.29	11.33	14.32	23.57	-9.25	3.30	17.62	22.56	-4.94		

Table 7-111. ISED CDD Primary 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna WF5B	Antenna 4a	Summed						
								-	-	-						
	5180	36	SDM	AVG	242	61	243.8/286.8 (MCS11)	14.56	14.51	17.55	-	-	1.76	19.31	22.56	-3.25
	5200	40	SDM	AVG	242	61	243.8/286.8 (MCS11)	15.42	15.52	18.48	-	-	1.76	20.24	22.56	-2.32
	5240	48	SDM	AVG	242	61	243.8/286.8 (MCS11)	15.16	15.23	18.20	-	-	1.76	19.96	22.56	-2.60
	5260	52	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.17	17.92	21.06	23.57	-2.51	3.30	24.36	29.57	-5.21
	5300	60	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.40	18.10	21.26	23.57	-2.31	3.30	24.56	29.57	-5.01
	5320	64	CDD	AVG	242	61	243.8/286.8 (MCS11)	15.55	15.46	18.52	23.57	-5.05	3.30	21.82	29.57	-7.75
	5500	100	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.75	13.81	16.79	23.57	-6.78	2.10	18.89	29.57	-10.68
	5520	104	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.84	16.72	19.79	23.57	-3.78	2.10	21.89	29.57	-7.68
	5540	108	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.22	18.14	21.19	23.57	-2.38	2.10	23.29	29.57	-6.28
	5580	116	CDD	AVG	242	61	243.8/286.8 (MCS11)	17.96	17.91	20.95	23.57	-2.62	2.10	23.05	29.57	-6.52
	5660	132	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.25	18.01	21.14	23.57	-2.43	2.10	23.24	29.57	-6.33
	5680	136	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.73	16.90	19.83	23.57	-3.74	2.10	21.93	29.57	-7.64
	5700	140	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.88	13.90	16.90	23.57	-6.67	2.10	19.00	29.57	-10.57
	5720	144	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.11	18.22	21.18	23.57	-2.39	2.10	23.28	29.57	-6.29
	5745	149	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.47	18.28	21.39	30.00	-8.61	0.60	21.99	-	-
	5785	157	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.21	18.30	21.27	30.00	-8.73	0.60	21.87	-	-
	5825	165	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.33	18.36	21.36	30.00	-8.64	0.60	21.96	-	-

Table 7-112. ISED CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna WF5B	Antenna 4a	Summed						
	5190	38	CDD	AVG	484	65	487.5/573.5 (MCS11)	13.00	12.72	15.87	-	-	3.40	19.27	22.56	-3.29
	5230	46	SDM	AVG	484	65	487.5/573.5 (MCS11)	16.75	16.74	19.76	-	-	1.76	21.52	22.56	-1.04
	5270	54	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.28	18.29	21.29	23.57	-2.28	3.30	24.59	29.57	-4.98
	5310	62	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.90	12.83	15.87	23.57	-7.70	3.30	19.17	29.57	-10.40
	5510	102	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.41	12.36	15.39	23.57	-8.18	2.10	17.49	29.57	-12.08
	5550	110	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.78	16.65	19.72	23.57	-3.85	2.10	21.82	29.57	-7.75
	5670	134	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.14	16.26	19.21	23.57	-4.36	2.10	21.31	29.57	-8.26
	5710	142	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.23	18.24	21.24	23.57	-2.33	2.10	23.34	29.57	-6.23
5755	151	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.36	18.42	21.40	30.00	-8.60	0.60	22.00	-	-	
5795	159	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.30	18.45	21.38	30.00	-8.62	0.60	21.98	-	-	

Table 7-113. ISED CDD/SDM Primary 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	CDD	AVG	996	67	1020.8/1201 (MCS11)	Antenna WF5B	Antenna 4a	Summed	-	-	3.40	18.51	22.56	-4.05
								12.06	12.13	15.11						
5290	58	CDD	AVG	996	67	1020.8/1201 (MCS11)	13.76	13.66	16.72	23.57	-6.85	3.30	20.02	29.57	-9.55	
5530	106	CDD	AVG	996	67	1020.8/1201 (MCS11)	12.32	12.40	15.37	23.57	-8.20	2.10	17.47	29.57	-12.10	
5690	138	CDD	AVG	996	67	1020.8/1201 (MCS11)	18.34	18.14	21.25	23.57	-2.32	2.10	23.35	29.57	-6.22	
5775	155	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.40	16.23	19.32	30.00	-10.68	0.60	19.92	-	-	

Table 7-114. ISED CDD Primary 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna WF5B	Antenna 4a	Summed						
	5250	50	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	11.27	11.24	14.26	23.98	-9.72	2.10	16.36	22.56	-6.20

Table 7-115. ISED CDD Primary 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 75 of 374

7.4.9 FCC CDD Diversity Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	26	0	25/29.4 (MCS11)	9.19	8.89	12.05	23.98	-11.93
			CDD	AVG	26	4	25/29.4 (MCS11)	9.19	9.00	12.10	23.98	-11.88
			CDD	AVG	26	8	25/29.4 (MCS11)	9.08	8.99	12.05	23.98	-11.93
	5200	40	CDD	AVG	26	0	25/29.4 (MCS11)	9.00	8.83	11.93	23.98	-12.05
			CDD	AVG	26	4	25/29.4 (MCS11)	9.04	9.01	12.04	23.98	-11.94
			CDD	AVG	26	8	25/29.4 (MCS11)	9.17	9.14	12.17	23.98	-11.81
	5240	48	CDD	AVG	26	0	25/29.4 (MCS11)	8.88	8.93	11.92	23.98	-12.06
			CDD	AVG	26	4	25/29.4 (MCS11)	8.95	8.89	11.93	23.98	-12.05
			CDD	AVG	26	8	25/29.4 (MCS11)	9.00	8.95	11.98	23.98	-12.00
	5745	149	CDD	AVG	26	0	25/29.4 (MCS11)	9.33	9.10	12.23	30.00	-17.77
			CDD	AVG	26	4	25/29.4 (MCS11)	9.50	9.29	12.40	30.00	-17.60
			CDD	AVG	26	8	25/29.4 (MCS11)	9.31	9.32	12.32	30.00	-17.68
	5785	157	CDD	AVG	26	0	25/29.4 (MCS11)	9.35	9.22	12.29	30.00	-17.71
			CDD	AVG	26	4	25/29.4 (MCS11)	9.45	9.37	12.42	30.00	-17.58
			CDD	AVG	26	8	25/29.4 (MCS11)	9.34	9.48	12.42	30.00	-17.58
	5825	165	CDD	AVG	26	0	25/29.4 (MCS11)	9.17	9.48	12.34	30.00	-17.66
			CDD	AVG	26	4	25/29.4 (MCS11)	9.28	9.47	12.39	30.00	-17.61
			CDD	AVG	26	8	25/29.4 (MCS11)	9.38	9.45	12.42	30.00	-17.58

Table 7-116. FCC CDD Diversity 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	52	37	50/58.8 (MCS11)	11.68	11.79	14.75	23.98	-9.23
			CDD	AVG	52	39	50/58.8 (MCS11)	11.60	11.84	14.73	23.98	-9.25
			CDD	AVG	52	40	50/58.8 (MCS11)	11.69	11.72	14.71	23.98	-9.27
	5200	40	CDD	AVG	52	37	50/58.8 (MCS11)	11.61	11.65	14.64	23.98	-9.34
			CDD	AVG	52	39	50/58.8 (MCS11)	11.49	11.48	14.49	23.98	-9.49
			CDD	AVG	52	40	50/58.8 (MCS11)	11.40	11.64	14.53	23.98	-9.45
	5240	48	CDD	AVG	52	37	50/58.8 (MCS11)	11.61	11.62	14.62	23.98	-9.36
			CDD	AVG	52	39	50/58.8 (MCS11)	11.53	11.59	14.57	23.98	-9.41
			CDD	AVG	52	40	50/58.8 (MCS11)	11.69	11.52	14.62	23.98	-9.36
	5260	52	CDD	AVG	52	37	50/58.8 (MCS11)	11.61	11.69	14.66	23.57	-8.91
			CDD	AVG	52	39	50/58.8 (MCS11)	11.62	11.51	14.58	23.57	-8.99
			CDD	AVG	52	40	50/58.8 (MCS11)	11.68	11.70	14.70	23.57	-8.87
	5300	60	CDD	AVG	52	37	50/58.8 (MCS11)	11.68	11.52	14.61	23.57	-8.96
			CDD	AVG	52	39	50/58.8 (MCS11)	11.57	11.35	14.47	23.57	-9.10
			CDD	AVG	52	40	50/58.8 (MCS11)	11.69	11.30	14.51	23.57	-9.06
	5320	64	CDD	AVG	52	37	50/58.8 (MCS11)	11.62	11.58	14.61	23.57	-8.96
			CDD	AVG	52	39	50/58.8 (MCS11)	11.49	11.45	14.48	23.57	-9.09
			CDD	AVG	52	40	50/58.8 (MCS11)	11.65	11.66	14.66	23.57	-8.91
	5500	100	CDD	AVG	52	37	50/58.8 (MCS11)	11.63	11.61	14.63	23.57	-8.94
			CDD	AVG	52	39	50/58.8 (MCS11)	11.53	11.67	14.61	23.57	-8.96
			CDD	AVG	52	40	50/58.8 (MCS11)	11.64	11.52	14.59	23.57	-8.98
	5580	116	CDD	AVG	52	37	50/58.8 (MCS11)	11.63	11.79	14.72	23.57	-8.85
			CDD	AVG	52	39	50/58.8 (MCS11)	11.90	11.72	14.82	23.57	-8.75
			CDD	AVG	52	40	50/58.8 (MCS11)	11.63	11.77	14.71	23.57	-8.86
	5720	144	CDD	AVG	52	37	50/58.8 (MCS11)	11.55	11.50	14.53	23.57	-9.04
			CDD	AVG	52	39	50/58.8 (MCS11)	11.68	11.80	14.75	23.57	-8.82
			CDD	AVG	52	40	50/58.8 (MCS11)	11.43	11.46	14.45	23.57	-9.12
	5745	149	CDD	AVG	52	37	50/58.8 (MCS11)	12.21	12.20	15.21	30.00	-14.79
			CDD	AVG	52	39	50/58.8 (MCS11)	12.27	12.23	15.26	30.00	-14.74
			CDD	AVG	52	40	50/58.8 (MCS11)	12.43	12.43	15.44	30.00	-14.56
	5785	157	CDD	AVG	52	37	50/58.8 (MCS11)	12.50	12.12	15.32	30.00	-14.68
			CDD	AVG	52	39	50/58.8 (MCS11)	12.27	12.34	15.32	30.00	-14.68
			CDD	AVG	52	40	50/58.8 (MCS11)	12.33	12.19	15.27	30.00	-14.73
	5825	165	CDD	AVG	52	37	50/58.8 (MCS11)	12.36	12.20	15.29	30.00	-14.71
			CDD	AVG	52	39	50/58.8 (MCS11)	12.12	12.33	15.24	30.00	-14.76
			CDD	AVG	52	40	50/58.8 (MCS11)	12.44	12.18	15.33	30.00	-14.67

Table 7-117. FCC CDD Diversity 20MHz BW (UNII) Maximum Conducted Output Power (RU52)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 76 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
	5180	36	CDD	AVG	106	53	106.3/125 (MCS11)	13.60	13.42	16.52	23.98	-7.46
			CDD	AVG	106	54	106.3/125 (MCS11)	13.53	13.52	16.53	23.98	-7.45
	5200	40	CDD	AVG	106	53	106.3/125 (MCS11)	15.05	15.03	18.05	23.98	-5.93
			CDD	AVG	106	54	106.3/125 (MCS11)	14.92	15.02	17.98	23.98	-6.00
	5240	48	CDD	AVG	106	53	106.3/125 (MCS11)	14.61	14.62	17.63	23.98	-6.35
			CDD	AVG	106	54	106.3/125 (MCS11)	14.57	14.76	17.68	23.98	-6.30
	5260	52	CDD	AVG	106	53	106.3/125 (MCS11)	14.94	14.92	17.94	23.57	-5.63
			CDD	AVG	106	54	106.3/125 (MCS11)	14.76	14.78	17.78	23.57	-5.79
	5300	60	CDD	AVG	106	53	106.3/125 (MCS11)	14.58	14.63	17.61	23.57	-5.96
			CDD	AVG	106	54	106.3/125 (MCS11)	14.77	14.68	17.74	23.57	-5.83
	5320	64	CDD	AVG	106	53	106.3/125 (MCS11)	13.28	13.10	16.20	23.57	-7.37
			CDD	AVG	106	54	106.3/125 (MCS11)	13.14	13.10	16.13	23.57	-7.44
	5500	100	CDD	AVG	106	53	106.3/125 (MCS11)	13.12	12.95	16.05	23.57	-7.52
			CDD	AVG	106	54	106.3/125 (MCS11)	13.19	13.10	16.15	23.57	-7.42
	5580	116	CDD	AVG	106	53	106.3/125 (MCS11)	14.86	14.85	17.87	23.57	-5.70
			CDD	AVG	106	54	106.3/125 (MCS11)	14.86	14.89	17.88	23.57	-5.69
	5700	140	CDD	AVG	106	53	106.3/125 (MCS11)	13.28	13.36	16.33	23.57	-7.24
			CDD	AVG	106	54	106.3/125 (MCS11)	13.31	13.38	16.36	23.57	-7.21
	5720	144	CDD	AVG	106	53	106.3/125 (MCS11)	14.78	14.97	17.89	23.57	-5.68
			CDD	AVG	106	54	106.3/125 (MCS11)	14.80	14.98	17.90	23.57	-5.67
	5745	149	CDD	AVG	106	53	106.3/125 (MCS11)	15.40	15.45	18.43	30.00	-11.57
			CDD	AVG	106	54	106.3/125 (MCS11)	15.41	15.41	18.42	30.00	-11.58
	5785	157	CDD	AVG	106	53	106.3/125 (MCS11)	15.27	15.27	18.28	30.00	-11.72
			CDD	AVG	106	54	106.3/125 (MCS11)	15.19	15.31	18.26	30.00	-11.74
	5825	165	CDD	AVG	106	53	106.3/125 (MCS11)	15.19	15.40	18.31	30.00	-11.69
			CDD	AVG	106	54	106.3/125 (MCS11)	15.23	15.12	18.19	30.00	-11.81

Table 7-118. FCC CDD Diversity 20MHz BW (UNII) Maximum Conducted Output Power (RU106)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
	5180	36	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.63	13.48	16.57	23.98	-7.41
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.64	13.72	16.69	23.98	-7.29
	5200	40	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.44	13.48	16.47	23.98	-7.51
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.50	13.59	16.56	23.98	-7.42
	5240	48	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.44	13.37	16.42	23.98	-7.56
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.58	13.32	16.46	23.98	-7.52
	5260	52	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.52	13.77	16.66	23.57	-6.91
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.42	13.69	16.56	23.57	-7.01
	5300	60	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.46	13.37	16.42	23.57	-7.15
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.59	13.55	16.58	23.57	-6.99
	5320	64	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.55	13.48	16.52	23.57	-7.05
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.46	13.44	16.46	23.57	-7.11
	5500	100	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	11.72	11.43	14.58	23.57	-8.99
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	11.63	11.63	14.64	23.57	-8.93
	5520	104	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.38	13.38	16.39	23.57	-7.18
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.28	13.39	16.35	23.57	-7.22
	5540	108	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.43	13.52	16.48	23.57	-7.09
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.43	13.44	16.45	23.57	-7.12
	5580	116	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.43	13.43	16.44	23.57	-7.13
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.43	13.53	16.49	23.57	-7.08
	5660	132	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.42	13.43	16.43	23.57	-7.14
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.32	13.72	16.53	23.57	-7.04
	5680	136	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	11.99	13.26	15.68	23.57	-7.89
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	11.90	13.23	15.62	23.57	-7.95
	5700	140	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.40	11.73	15.65	23.57	-7.92
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.67	11.84	15.86	23.57	-7.71
	5720	144	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.40	13.40	16.41	23.57	-7.16
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.67	13.34	16.52	23.57	-7.05
	5745	149	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.97	13.90	16.94	30.00	-13.06
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.77	13.79	16.79	30.00	-13.21
	5785	157	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.96	13.76	16.87	30.00	-13.13
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.87	13.63	16.76	30.00	-13.24
	5825	165	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.84	13.61	16.73	30.00	-13.27
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.89	13.99	16.95	30.00	-13.05

Table 7-119. FCC CDD Diversity 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 77 of 374

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
	5180	36	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	14.41	14.27	17.35	23.98	-6.63
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	14.33	14.41	17.38	23.98	-6.60
	5200	40	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.69	15.66	18.68	23.98	-5.30
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.80	15.74	18.78	23.98	-5.20
	5240	48	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.45	15.53	18.50	23.98	-5.48
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.58	15.61	18.61	23.98	-5.37
	5260	52	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.33	15.36	18.35	23.57	-5.22
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.40	15.40	18.41	23.57	-5.16
	5300	60	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.44	15.42	18.44	23.57	-5.13
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.60	15.43	18.52	23.57	-5.05
	5320	64	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.95	14.03	17.00	23.57	-6.57
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	14.05	14.07	17.07	23.57	-6.50
	5500	100	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.71	13.79	16.76	23.57	-6.81
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	13.72	13.93	16.84	23.57	-6.73
	5520	104	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.52	15.68	18.61	23.57	-4.96
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.63	15.60	18.62	23.57	-4.95
	5540	108	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.55	15.59	18.58	23.57	-4.99
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.52	15.62	18.58	23.57	-4.99
	5580	116	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.55	15.76	18.66	23.57	-4.91
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.52	15.61	18.58	23.57	-4.99
	5660	132	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.40	15.38	18.40	23.57	-5.17
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.45	15.40	18.44	23.57	-5.13
	5680	136	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.92	15.42	17.75	23.57	-5.82
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	13.96	15.47	17.79	23.57	-5.78
	5700	140	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	13.61	17.78	23.57	-5.79
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.63	13.92	17.87	23.57	-5.70
	5720	144	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	15.54	18.62	23.57	-4.95
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.63	15.54	18.59	23.57	-4.98
	5745	149	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.87	15.75	18.82	30.00	-11.18
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.81	15.85	18.84	30.00	-11.16
	5785	157	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.84	15.97	18.92	30.00	-11.08
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.88	15.75	18.83	30.00	-11.17
	5825	165	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.90	15.72	18.82	30.00	-11.18
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.66	15.66	18.67	30.00	-11.33

Table 7-120. FCC CDD Diversity 20MHz BW (UNII) Maximum Conducted Output Power (RU106+26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
	5210	42	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	12.01	11.94	14.99	23.98	-8.99
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	12.21	11.96	15.10	23.98	-8.88
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	12.29	11.94	15.13	23.98	-8.85
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	12.26	12.01	15.15	23.98	-8.83
	5290	58	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	13.18	12.99	16.09	23.57	-7.48
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	12.99	13.13	16.07	23.57	-7.50
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	13.00	13.18	16.10	23.57	-7.47
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	13.26	12.92	16.10	23.57	-7.47
	5530	106	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	11.56	11.67	14.63	23.57	-8.94
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	11.70	11.75	14.73	23.57	-8.84
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	11.72	11.66	14.70	23.57	-8.87
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	11.73	11.64	14.69	23.57	-8.88
	5610	122	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	16.68	16.99	19.85	23.57	-3.72
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	16.97	16.83	19.91	23.57	-3.66
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	16.95	16.91	19.94	23.57	-3.63
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	16.62	16.62	19.63	23.57	-3.94
	5690	138	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	18.49	18.47	21.49	23.57	-2.08
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	18.26	18.46	21.37	23.57	-2.20
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	18.40	18.16	21.29	23.57	-2.28
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	18.39	18.23	21.32	23.57	-2.25
	5775	155	CDD	AVG	484+242	90	243.8/286.8 (MCS11)	15.69	15.99	18.86	30.00	-11.14
			CDD	AVG	484+242	91	243.8/286.8 (MCS11)	15.79	15.67	18.74	30.00	-11.26
			CDD	AVG	484+242	92	243.8/286.8 (MCS11)	15.87	15.82	18.86	30.00	-11.14
			CDD	AVG	484+242	93	243.8/286.8 (MCS11)	15.90	15.66	18.79	30.00	-11.21

Table 7-121. FCC CDD Diversity 80MHz BW (UNII) Maximum Conducted Output Power (RU484+242)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
	5250	50 (L)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.19	11.45	14.33	23.98	-9.65
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.33	11.29	14.32	23.98	-9.66
		50 (U)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.13	11.20	14.17	23.57	-9.40
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.33	11.24	14.29	23.57	-9.28
	5570	114 (L)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.27	11.38	14.34	23.57	-9.23
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.36	11.33	14.35	23.57	-9.22
		114 (U)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.36	11.27	14.33	23.57	-9.24
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.43	11.26	14.35	23.57	-9.22

Table 7-122. FCC CDD Diversity 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 78 of 374

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
5GHz (160MHz Bandwidth)	5250	50 (L)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.19	11.41	14.31	23.98	-9.67
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.42	11.49	14.46	23.98	-9.52
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.12	11.21	14.18	23.98	-9.80
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.40	11.17	14.30	23.98	-9.68
	5250	50 (U)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.12	11.11	14.13	23.57	-9.44
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.46	11.37	14.43	23.57	-9.14
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.27	11.30	14.30	23.57	-9.27
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.11	11.38	14.25	23.57	-9.32
	5570	114 (L)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.36	11.21	14.30	23.57	-9.27
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.46	11.43	14.46	23.57	-9.11
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.24	11.35	14.30	23.57	-9.27
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.14	11.40	14.28	23.57	-9.29
	5570	114 (U)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.11	11.26	14.19	23.57	-9.38
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.31	11.11	14.22	23.57	-9.35
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.44	11.44	14.45	23.57	-9.12
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.17	11.21	14.20	23.57	-9.37

Table 7-123. FCC CDD Diversity 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	242	61	243.8/286.8 (MCS11)	15.24	15.17	18.22	23.98	-5.76
	5200	40	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.14	18.33	21.25	23.98	-2.73
	5240	48	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.19	18.19	21.20	23.98	-2.78
	5260	52	CDD	AVG	242	61	243.8/286.8 (MCS11)	17.92	18.28	21.11	23.57	-2.46
	5300	60	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.10	18.37	21.24	23.57	-2.33
	5320	64	CDD	AVG	242	61	243.8/286.8 (MCS11)	15.46	15.64	18.56	23.57	-5.01
	5500	100	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.81	13.62	16.73	23.57	-6.84
	5520	104	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.72	16.99	19.87	23.57	-3.70
	5540	108	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.14	18.26	21.21	23.57	-2.36
	5580	116	CDD	AVG	242	61	243.8/286.8 (MCS11)	17.91	17.80	20.87	23.57	-2.70
	5660	132	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.01	17.93	20.98	23.57	-2.59
	5680	136	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.90	16.63	19.78	23.57	-3.79
	5700	140	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.90	13.67	16.80	23.57	-6.77
	5720	144	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.22	18.33	21.29	23.57	-2.28
	5745	149	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.28	18.26	21.28	30.00	-8.72
	5785	157	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.30	18.29	21.31	30.00	-8.69
	5825	165	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.36	18.31	21.35	30.00	-8.65

Table 7-124. FCC CDD Diversity 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
5GHz (40MHz Bandwidth)	5190	38	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.95	12.75	15.86	23.98	-8.12
	5230	46	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.34	18.25	21.30	23.98	-2.68
	5270	54	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.29	18.42	21.37	23.57	-2.20
	5310	62	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.83	12.85	15.85	23.57	-7.72
	5510	102	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.36	12.23	15.30	23.57	-8.27
	5550	110	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.65	16.78	19.72	23.57	-3.85
	5590	118	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.43	18.30	21.38	23.57	-2.19
	5630	126	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.14	18.43	21.30	23.57	-2.27
	5670	134	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.26	16.06	19.17	23.57	-4.40
	5710	142	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.24	18.43	21.34	23.57	-2.23
	5755	151	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.42	18.22	21.33	30.00	-8.67
	5795	159	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.45	18.45	21.46	30.00	-8.54

Table 7-125. FCC CDD Diversity 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
5GHz (80MHz Bandwidth)	5210	42	CDD	AVG	996	67	1020.8/1201 (MCS11)	12.11	11.85	14.99	23.98	-8.99
	5290	58	CDD	AVG	996	67	1020.8/1201 (MCS11)	13.66	13.64	16.66	23.57	-6.91
	5530	106	CDD	AVG	996	67	1020.8/1201 (MCS11)	12.40	12.22	15.32	23.57	-8.25
	5610	122	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.65	16.69	19.68	23.57	-3.89
	5690	138	CDD	AVG	996	67	1020.8/1201 (MCS11)	18.14	18.24	21.20	23.57	-2.37
	5775	155	CDD	AVG	996	67	1020.8/1201 (MCS11)	16.23	16.06	19.16	30.00	-10.84

Table 7-126. FCC CDD Diversity 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 4a	Antenna 2a	Summed		
5GHz (160MHz Bandwidth)	5250	50	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	11.27	11.19	14.24	23.98	-9.74
	5570	114	CDD	AVG	996x2	68	2041.6/2402 (MCS11)	11.11	11.32	14.23	23.57	-9.34

Table 7-127. FCC CDD Diversity 160MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 79 of 374	

7.4.10 ISED CDD/SDM Diversity Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 4a	Antenna 2a	Summed						
5GHz (20MHz Bandwidth)	5180	36	SDM	AVG	26	0	25/29.4 (MCS11)	6.31	6.22	9.28	-	-	-1.00	8.28	22.56	-14.28
			SDM	AVG	26	4	25/29.4 (MCS11)	6.28	6.13	9.21	-	-	-1.00	8.21	22.56	-14.35
			SDM	AVG	26	8	25/29.4 (MCS11)	6.08	6.29	9.20	-	-	-1.00	8.20	22.56	-14.36
	5200	40	SDM	AVG	26	0	25/29.4 (MCS11)	6.27	6.33	9.31	-	-	-1.00	8.31	22.56	-14.25
			SDM	AVG	26	4	25/29.4 (MCS11)	6.24	6.00	9.13	-	-	-1.00	8.13	22.56	-14.43
			SDM	AVG	26	8	25/29.4 (MCS11)	6.33	6.31	9.33	-	-	-1.00	8.33	22.56	-14.23
	5240	48	SDM	AVG	26	0	25/29.4 (MCS11)	6.04	5.92	8.99	-	-	-1.00	7.99	22.56	-14.57
			SDM	AVG	26	4	25/29.4 (MCS11)	5.81	6.19	9.01	-	-	-1.00	8.01	22.56	-14.55
			SDM	AVG	26	8	25/29.4 (MCS11)	6.14	6.13	9.15	-	-	-1.00	8.15	22.56	-14.41
	5745	149	CDD	AVG	26	0	25/29.4 (MCS11)	9.33	9.10	12.23	30.00	-17.77	0.10	12.33	-	-
			CDD	AVG	26	4	25/29.4 (MCS11)	9.50	9.29	12.40	30.00	-17.60	0.10	12.50	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	9.31	9.32	12.32	30.00	-17.68	0.10	12.42	-	-
	5785	157	CDD	AVG	26	0	25/29.4 (MCS11)	9.35	9.22	12.29	30.00	-17.71	0.10	12.39	-	-
			CDD	AVG	26	4	25/29.4 (MCS11)	9.45	9.37	12.42	30.00	-17.58	0.10	12.52	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	9.34	9.48	12.42	30.00	-17.58	0.10	12.52	-	-
	5825	165	CDD	AVG	26	0	25/29.4 (MCS11)	9.17	9.48	12.34	30.00	-17.66	0.10	12.44	-	-
			CDD	AVG	26	4	25/29.4 (MCS11)	9.28	9.47	12.39	30.00	-17.61	0.10	12.49	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	9.38	9.45	12.42	30.00	-17.58	0.10	12.52	-	-

Table 7-128. ISED CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 4a	Antenna 2a	Summed						
5GHz (20MHz Bandwidth)	5180	36	SDM	AVG	52	37	50/58.8 (MCS11)	8.08	8.09	12.09	-	-	-1.00	11.09	22.56	-11.47
			SDM	AVG	52	39	50/58.8 (MCS11)	8.86	8.79	11.83	-	-	-1.00	10.83	22.56	-11.73
			SDM	AVG	52	40	50/58.8 (MCS11)	8.99	8.97	11.99	-	-	-1.00	10.99	22.56	-11.57
	5200	40	SDM	AVG	52	37	50/58.8 (MCS11)	8.95	9.00	11.98	-	-	-1.00	10.98	22.56	-11.58
			SDM	AVG	52	39	50/58.8 (MCS11)	8.81	8.88	11.85	-	-	-1.00	10.85	22.56	-11.71
			SDM	AVG	52	40	50/58.8 (MCS11)	8.75	8.74	11.76	-	-	-1.00	10.76	22.56	-11.80
	5240	48	SDM	AVG	52	37	50/58.8 (MCS11)	8.56	8.55	11.72	-	-	-1.00	10.72	22.56	-11.84
			SDM	AVG	52	39	50/58.8 (MCS11)	8.86	8.80	11.84	-	-	-1.00	10.84	22.56	-11.72
			SDM	AVG	52	40	50/58.8 (MCS11)	8.61	8.88	11.76	-	-	-1.00	10.76	22.56	-11.80
	5260	52	CDD	AVG	52	37	50/58.8 (MCS11)	11.61	11.69	14.66	23.57	-8.91	0.20	14.86	29.57	-14.71
			CDD	AVG	52	39	50/58.8 (MCS11)	11.62	11.51	14.58	23.57	-8.99	0.20	14.78	29.57	-14.79
			CDD	AVG	52	40	50/58.8 (MCS11)	11.68	11.70	14.70	23.57	-8.87	0.20	14.90	29.57	-14.67
	5300	60	CDD	AVG	52	37	50/58.8 (MCS11)	11.68	11.52	14.61	23.57	-8.96	0.20	14.81	29.57	-14.76
			CDD	AVG	52	39	50/58.8 (MCS11)	11.57	11.35	14.47	23.57	-9.10	0.20	14.67	29.57	-14.90
			CDD	AVG	52	40	50/58.8 (MCS11)	11.69	11.30	14.51	23.57	-9.06	0.20	14.71	29.57	-14.66
	5320	64	CDD	AVG	52	37	50/58.8 (MCS11)	11.62	11.58	14.61	23.57	-8.96	0.20	14.81	29.57	-14.76
			CDD	AVG	52	39	50/58.8 (MCS11)	11.49	11.45	14.48	23.57	-9.09	0.20	14.68	29.57	-14.89
			CDD	AVG	52	40	50/58.8 (MCS11)	11.65	11.66	14.66	23.57	-8.91	0.20	14.86	29.57	-14.71
	5500	100	CDD	AVG	52	37	50/58.8 (MCS11)	11.63	11.61	14.63	23.57	-8.94	0.70	15.33	29.57	-14.24
			CDD	AVG	52	39	50/58.8 (MCS11)	11.53	11.67	14.61	23.57	-8.96	0.70	15.31	29.57	-14.26
			CDD	AVG	52	40	50/58.8 (MCS11)	11.64	11.52	14.59	23.57	-8.98	0.70	15.29	29.57	-14.28
	5580	116	CDD	AVG	52	37	50/58.8 (MCS11)	11.63	11.79	14.72	23.57	-8.85	0.70	15.42	29.57	-14.15
			CDD	AVG	52	39	50/58.8 (MCS11)	11.90	11.72	14.82	23.57	-8.75	0.70	15.52	29.57	-14.05
			CDD	AVG	52	40	50/58.8 (MCS11)	11.63	11.77	14.71	23.57	-8.86	0.70	15.41	29.57	-14.16
	5720	144	CDD	AVG	52	37	50/58.8 (MCS11)	11.55	11.50	14.53	23.57	-9.04	0.70	15.23	29.57	-14.34
			CDD	AVG	52	39	50/58.8 (MCS11)	11.68	11.80	14.75	23.57	-8.82	0.70	15.45	29.57	-14.12
			CDD	AVG	52	40	50/58.8 (MCS11)	11.43	11.46	14.45	23.57	-9.12	0.70	15.15	29.57	-14.42
	5745	149	CDD	AVG	52	37	50/58.8 (MCS11)	12.21	12.20	15.21	30.00	-14.79	0.10	15.31	-	-
			CDD	AVG	52	39	50/58.8 (MCS11)	12.27	12.23	15.26	30.00	-14.74	0.10	15.36	-	-
			CDD	AVG	52	40	50/58.8 (MCS11)	12.43	12.43	15.44	30.00	-14.56	0.10	15.54	-	-
	5785	157	CDD	AVG	52	37	50/58.8 (MCS11)	12.50	12.12	15.32	30.00	-14.68	0.10	15.42	-	-
			CDD	AVG	52	39	50/58.8 (MCS11)	12.27	12.34	15.32	30.00	-14.68	0.10	15.42	-	-
			CDD	AVG	52	40	50/58.8 (MCS11)	12.33	12.19	15.27	30.00	-14.73	0.10	15.37	-	-
	5825	165	CDD	AVG	52	37	50/58.8 (MCS11)	12.36	12.20	15.29	30.00	-14.71	0.10	15.39	-	-
			CDD	AVG	52	39	50/58.8 (MCS11)	12.12	12.33	15.24	30.00	-14.76	0.10	15.34	-	-
			CDD	AVG	52	40	50/58.8 (MCS11)	12.44	12.18	15.33	30.00	-14.67	0.10	15.43	-	-

Table 7-129. ISED CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 4a	Antenna 2a	Summed						
5180	36	SDM	AVG	106	53	106.3/125 (MCS11)	10.66	10.77	13.72	-	-	-1.00	12.72	22.56	-9.84	
		SDM	AVG	106	54	106.3/125 (MCS11)	10.67	10.61	13.65	-	-	-1.00	12.65	22.56	-9.91	
		SDM	AVG	106	53	106.3/125 (MCS11)	12.17	11.99	15.09	-	-	-1.00	14.09	22.56	-8.47	
5200	40	SDM	AVG	106	54	106.3/125 (MCS11)	12.12	12.12	15.13	-	-	-1.00	14.13	22.56	-8.43	
		SDM	AVG	106	53	106.3/125 (MCS11)	11.79	11.79	14.80	-	-	-1.00	13.80	22.56	-8.76	
		SDM	AVG	106	54	106.3/125 (MCS11)	11.85	11.86	14.86	-	-	-1.00	13.86	22.56	-8.70	
5240	48	CDD	AVG	106	53	106.3/125 (MCS11)	14.94	14.92	17.94	23.57	-5.63	0.20	18.14	29.57	-11.43	
		CDD	AVG	106	54	106.3/125 (MCS11)	14.76	14.78	17.78	23.57	-5.79	0.20	17.98	29.57	-11.59	
		CDD	AVG	106	53	106.3/125 (MCS11)	14.58	14.63	17.61	23.57	-5.96	0.20	17.81	29.57	-11.76	
5260	52	CDD	AVG	106	54	106.3/125 (MCS11)	14.77	14.68	17.74	23.57	-5.83	0.20	17.94	29.57	-11.63	
		CDD	AVG	106	53	106.3/125 (MCS11)	13.28	13.10	16.20	23.57	-7.37	0.20	16.40	29.57	-13.17	
		CDD	AVG	106	54	106.3/125 (MCS11)	13.14	13.10	16.13	23.57	-7.44	0.20	16.33	29.57	-13.24	
5300	60	CDD	AVG	106	53	106.3/125 (MCS11)	13.12	12.95	16.05	23.57	-7.52	0.70	16.75	29.57	-12.82	
		CDD	AVG	106	54	106.3/125 (MCS11)	13.19	13.10	16.15	23.57	-7.42	0.70	16.85	29.57	-12.72	
		CDD	AVG	106	53	106.3/125 (MCS11)	14.86	14.85	17.87	23.57	-5.70	0.70	18.57	29.57	-11.00	
5320	64	CDD	AVG	106	54	106.3/125 (MCS11)	14.86	14.89	17.88	23.57	-5.69	0.70	18.58	29.57	-10.99	
		CDD	AVG	106	53	106.3/125 (MCS11)	13.28	13.36	16.33	23.57	-7.24	0.70	17.03	29.57	-12.54	
		CDD	AVG	106	54	106.3/125 (MCS11)	13.31	13.38	16.36	23.57	-7.21	0.70	17.06	29.57	-12.51	
5500	100	CDD	AVG	106	53	106.3/125 (MCS11)	14.78	14.87	17.89	23.57	-5.68	0.70	18.57	29.57	-10.98	
		CDD	AVG	106	54	106.3/125 (MCS11)	14.80	14.84	17.80	23.57	-5.67	0.70	18.60	29.57	-10.97	
		CDD	AVG	106	53	106.3/125 (MCS11)	15.40	15.45	18.43	30.00	-11.57	0.10	18.53	-	-	
5580	116	CDD	AVG	106	54	106.3/125 (MCS11)	15.41	15.41	18.42	30.00	-11.58	0.10	18.52	-	-	
		CDD	AVG	106	53	106.3/125 (MCS11)	15.27	15.27	18.28	30.00	-11.72	0.10	18.38	-	-	
		CDD	AVG	106	54	106.3/125 (MCS11)	15.19	15.31	18.26	30.00	-11.74	0.10	18.36	-	-	
5700	140	CDD	AVG	106	53	106.3/125 (MCS11)	15.19	15.40	18.31	30.00	-11.69	0.10	18.41	-	-	
		CDD	AVG	106	54	106.3/125 (MCS11)	15.23	15.12	18.19	30.00	-11.81	0.10	18.29	-	-	
		CDD	AVG	106	53	106.3/125 (MCS11)	15.23	15.12	18.19	30.00	-11.81	0.10	18.29	-	-	
5720	144	CDD	AVG	106	53	106.3/125 (MCS11)	15.41	15.41	18.42	30.00	-11.58	0.10	18.52	-	-	
		CDD	AVG	106	54	106.3/125 (MCS11)	15.27	15.27	18.28	30.00	-11.72	0.10	18.38	-	-	
		CDD	AVG	106	53	106.3/125 (MCS11)	15.19	15.31	18.26	30.00	-11.74	0.10	18.36	-	-	
5745	149	CDD	AVG	106	53	106.3/125 (MCS11)	15.40	15.45	18.43	30.00	-11.57	0.10	18.53	-	-	
		CDD	AVG	106	54	106.3/125 (MCS11)	15.41	15.41	18.42	30.00	-11.58	0.10	18.52	-	-	
		CDD	AVG	106	53	106.3/125 (MCS11)	15.27	15.27	18.28	30.00	-11.72	0.10	18.38	-	-	
5785	157	CDD	AVG	106	54	106.3/125 (MCS11)	15.19	15.31	18.26	30.00	-11.74	0.10	18.36	-	-	
		CDD	AVG	106	53	106.3/125 (MCS11)	15.19	15.40	18.31	30.00	-11.69	0.10	18.41	-	-	
		CDD	AVG	106	54	106.3/125 (MCS11)	15.23	15.12	18.19	30.00	-11.81	0.10	18.29	-	-	
5825	165	CDD	AVG	106	53	106.3/125 (MCS11)	15.23	15.12	18.19	30.00	-11.81	0.10	18.29	-	-	
		CDD	AVG	106	54	106.3/125 (MCS11)	15.23	15.12	18.19	30.00	-11.81	0.10	18.29	-	-	
		CDD	AVG	106	53	106.3/125 (MCS11)	15.23	15.12	18.19	30.00	-11.81	0.10	18.29	-	-	

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 4a	Antenna 2a	Summed						
	5180	36	SDM	AVG	52+26	71	12.5/14.7 (MCS11)	13.63	10.98	15.52	23.98	-8.46	-1.00	14.52	22.56	-8.04
			SDM	AVG	52+26	72	12.5/14.7 (MCS11)	13.64	10.86	15.48	23.98	-8.50	-1.00	14.48	22.56	-8.08
	5200	40	SDM	AVG	52+26	71	12.5/14.7 (MCS11)	13.44	10.50	15.23	23.98	-8.75	-1.00	14.23	22.56	-8.33
			SDM	AVG	52+26	72	12.5/14.7 (MCS11)	13.50	10.88	15.40	23.98	-8.58	-1.00	14.40	22.56	-8.16
	5240	48	SDM	AVG	52+26	71	12.5/14.7 (MCS11)	13.44	10.78	15.32	23.98	-8.66	-1.00	14.32	22.56	-8.24
			SDM	AVG	52+26	72	12.5/14.7 (MCS11)	13.58	10.69	15.38	23.98	-8.60	-1.00	14.38	22.56	-8.18
	5260	52	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.52	13.77	16.66	23.57	-6.91	0.20	16.66	29.57	-12.71
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.42	13.59	16.56	23.57	-7.01	0.20	16.76	29.57	-12.61
	5300	60	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.46	13.57	16.42	23.57	-7.15	0.20	16.62	29.57	-12.95
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.59	13.55	16.55	23.57	-6.99	0.20	16.70	29.57	-12.79
	5320	64	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.55	13.48	16.52	23.57	-7.05	0.20	16.72	29.57	-12.85
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.46	13.44	16.46	23.57	-7.11	0.20	16.66	29.57	-12.91
	5500	100	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	11.72	11.43	14.58	23.57	-8.99	0.70	15.28	29.57	-14.29
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	11.63	11.63	14.64	23.57	-8.93	0.70	15.34	29.57	-14.23
	5520	104	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.38	13.52	16.46	23.57	-7.11	0.70	17.16	29.57	-12.41
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.28	13.44	16.37	23.57	-7.20	0.70	17.07	29.57	-12.50
	5540	108	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.43	13.43	16.44	23.57	-7.13	0.70	17.14	29.57	-12.43
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.43	13.53	16.49	23.57	-7.08	0.70	17.19	29.57	-12.38
	5580	116	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.43	13.43	16.44	23.57	-7.13	0.70	17.14	29.57	-12.43
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.43	13.53	16.49	23.57	-7.08	0.70	17.19	29.57	-12.38
	5660	132	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.42	13.26	16.35	23.57	-7.22	0.70	17.05	29.57	-12.52
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.32	13.23	16.28	23.57	-7.29	0.70	16.98	29.57	-12.59
	5680	136	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	11.99	11.73	14.87	23.57	-8.70	0.70	15.57	29.57	-14.00
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	11.90	11.84	14.88	23.57	-8.69	0.70	15.58	29.57	-13.99
	5700	140	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.40	13.40	16.41	23.57	-7.16	0.70	17.11	29.57	-12.46
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.67	13.34	16.52	23.57	-7.05	0.70	17.22	29.57	-12.35
	5720	144	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.40	13.40	16.41	23.57	-7.16	0.70	17.11	29.57	-12.46
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.67	13.34	16.52	23.57	-7.05	0.70	17.22	29.57	-12.35
	5745	149	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.97	13.90	16.94	30.00	-13.06	0.10	17.04	-	-
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.77	13.79	16.79	30.00	-13.21	0.10	16.89	-	-
	5785	157	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.96	13.76	16.87	30.00	-13.13	0.10	16.97	-	-
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.87	13.63	16.76	30.00	-13.24	0.10	16.86	-	-
	5825	165	CDD	AVG	52+26	71	12.5/14.7 (MCS11)	13.84	13.61	16.73	30.00	-13.27	0.10	16.83	-	-
			CDD	AVG	52+26	72	12.5/14.7 (MCS11)	13.89	13.99	16.95	30.00	-13.05	0.10	17.05	-	-

Table 7-131. ISED CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power (RU52+26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 4a	Antenna 2a	Summed						
	5180	36	SDM	AVG	106+26	82	12.5/14.7 (MCS11)	14.41	11.50	16.20	23.98	-7.78	-1.00	15.20	22.56	-7.36
			SDM	AVG	106+26	83	12.5/14.7 (MCS11)	14.33	11.57	16.18	23.98	-7.80	-1.00	15.18	22.56	-7.38
	5200	40	SDM	AVG	106+26	82	12.5/14.7 (MCS11)	15.69	12.97	17.55	23.98	-6.43	-1.00	16.55	22.56	-6.01
			SDM	AVG	106+26	83	12.5/14.7 (MCS11)	15.80	13.00	17.63	23.98	-6.35	-1.00	16.63	22.56	-5.93
	5240	48	SDM	AVG	106+26	82	12.5/14.7 (MCS11)	15.45	12.65	17.28	23.98	-6.70	-1.00	16.28	22.56	-6.28
			SDM	AVG	106+26	83	12.5/14.7 (MCS11)	15.58	12.75	17.40	23.98	-6.58	-1.00	16.40	22.56	-6.16
	5260	52	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.33	15.36	18.35	23.57	-5.22	0.20	18.55	29.57	-11.02
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.40	15.40	18.41	23.57	-5.16	0.20	18.61	29.57	-10.96
	5300	60	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.44	15.42	18.44	23.57	-5.13	0.20	18.64	29.57	-10.93
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.60	15.43	18.52	23.57	-5.05	0.20	18.72	29.57	-10.85
	5320	64	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.95	14.03	17.00	23.57	-6.57	0.20	17.20	29.57	-12.37
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	14.05	14.07	17.07	23.57	-6.50	0.20	17.27	29.57	-12.30
	5500	100	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.71	13.79	16.76	23.57	-6.81	0.70	17.46	29.57	-12.11
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	13.72	13.93	16.84	23.57	-6.73	0.70	17.54	29.57	-12.03
	5520	104	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.52	15.68	18.61	23.57	-4.96	0.70	19.31	29.57	-10.26
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.63	15.60	18.62	23.57	-4.95	0.70	19.32	29.57	-10.25
	5540	108	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.55	15.59	18.58	23.57	-4.99	0.70	19.28	29.57	-10.29
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.52	15.62	18.58	23.57	-4.99	0.70	19.28	29.57	-10.29
	5580	116	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.55	15.76	18.66	23.57	-4.91	0.70	19.36	29.57	-10.21
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.52	15.61	18.65	23.57	-4.99	0.70	19.28	29.57	-10.29
	5660	132	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.40	15.38	18.40	23.57	-5.17	0.70	19.10	29.57	-10.47
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.45	15.40	18.44	23.57	-5.13	0.70	19.14	29.57	-10.43
	5680	136	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	13.92	15.42	17.75	23.57	-5.82	0.70	18.45	29.57	-11.12
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	13.96	15.47	17.79	23.57	-5.78	0.70	18.49	29.57	-11.08
	5700	140	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	13.61	17.78	23.57	-5.79	0.70	18.48	29.57	-11.09
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.63	13.92	17.87	23.57	-5.70	0.70	18.57	29.57	-11.00
	5720	144	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.68	15.54	18.62	23.57	-4.95	0.70	19.32	29.57	-10.25
			CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.63	15.54	18.59	23.57	-4.98	0.70	19.29	29.57	-10.28
	5745	149	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.87	15.75	18.82	30.00	-11.18	0.10	18.92	-	-
CDD			AVG	106+26	83	12.5/14.7 (MCS11)	15.81	15.85	18.84	30.00	-11.16	0.10	18.94	-	-	
5785	157	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.84	15.97	18.92	30.00	-11.08	0.10	19.02	-	-	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.88	15.75	18.83	30.00	-11.17	0.10	18.93	-	-	
5825	165	CDD	AVG	106+26	82	12.5/14.7 (MCS11)	15.90	15.72	18.82	30.00	-11.18	0.10	18.92	-	-	
		CDD	AVG	106+26	83	12.5/14.7 (MCS11)	15.66	15.66	18.67	30.00	-11.33	0.10	18.77	-	-	

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 4a	Antenna 2a	Summed						
	5250	50 (L)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.19	11.46	14.33	23.98	-9.65	-0.90	13.43	22.56	-9.13
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.33	11.48	14.42	23.98	-9.56	-0.90	13.52	22.56	-9.04
			CDD	AVG	996+484	94	25/29.4 (MCS11)	11.13	11.36	14.26	23.57	-9.31	0.20	14.46	22.56	-8.10
		50 (U)	CDD	AVG	996+484	94	25/29.4 (MCS11)	11.13	11.36	14.26	23.57	-9.31	0.20	14.46	22.56	-8.10
			CDD	AVG	996+484	95	25/29.4 (MCS11)	11.33	11.24	14.30	23.57	-9.27	0.20	14.50	22.56	-8.06
			CDD	AVG	996+484	94	25/29.4 (MCS11)	11.13	11.36	14.26	23.57	-9.31	0.20	14.46	22.56	-8.10

Table 7-134. ISED CDD Diversity 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 4a	Antenna 2a	Summed						
	5250	50 (L)	CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.19	11.38	14.29	23.98	-9.69	-0.90	13.39	22.56	-9.17
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.42	11.23	14.34	23.98	-9.64	-0.90	13.44	22.56	-9.12
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.12	11.43	14.29	23.98	-9.69	-0.90	13.39	22.56	-9.17
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.40	11.43	14.43	23.98	-9.55	-0.90	13.53	22.56	-9.03
			CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.12	11.30	14.22	23.57	-9.35	0.20	14.42	22.56	-8.14
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.46	11.14	14.31	23.57	-9.26	0.20	14.51	22.56	-8.05
	5250	50 (U)	CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.27	11.15	14.22	23.57	-9.35	0.20	14.42	22.56	-8.14
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.11	11.45	14.29	23.57	-9.28	0.20	14.49	22.56	-8.07
			CDD	AVG	996+484+242	96	25/29.4 (MCS11)	11.12	11.30	14.22	23.57	-9.35	0.20	14.42	22.56	-8.14
			CDD	AVG	996+484+242	97	25/29.4 (MCS11)	11.46	11.14	14.31	23.57	-9.26	0.20	14.51	22.56	-8.05
			CDD	AVG	996+484+242	98	25/29.4 (MCS11)	11.27	11.15	14.22	23.57	-9.35	0.20	14.42	22.56	-8.14
			CDD	AVG	996+484+242	99	25/29.4 (MCS11)	11.11	11.45	14.29	23.57	-9.28	0.20	14.49	22.56	-8.07

Table 7-135. ISED CDD Diversity 160MHz BW (UNII) Maximum Conducted Output Power (RU996+484+242)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 4a	Antenna 2a	Summed						
	5180	36	SDM	AVG	242	61	243.8/286.8 (MCS11)	14.51	14.57	17.55	-	-	-1.00	16.55	22.56	-6.01
	5200	40	SDM	AVG	242	61	243.8/286.8 (MCS11)	15.52	15.38	18.46	-	-	-1.00	17.46	22.56	-5.10
	5240	48	SDM	AVG	242	61	243.8/286.8 (MCS11)	15.23	15.37	18.31	-	-	-1.00	17.31	22.56	-5.25
	5260	52	CDD	AVG	242	61	243.8/286.8 (MCS11)	17.92	18.28	21.11	23.57	-2.46	0.20	21.31	29.57	-8.26
	5300	60	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.10	18.37	21.24	23.57	-2.33	0.20	21.44	29.57	-8.13
	5320	64	CDD	AVG	242	61	243.8/286.8 (MCS11)	15.46	15.64	18.56	23.57	-5.01	0.20	18.76	29.57	-10.81
	5500	100	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.81	13.62	16.73	23.57	-6.84	0.70	17.43	29.57	-12.14
	5520	104	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.72	16.99	19.87	23.57	-3.70	0.70	20.57	29.57	-9.00
	5540	108	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.14	18.26	21.21	23.57	-2.36	0.70	21.91	29.57	-7.66
	5580	116	CDD	AVG	242	61	243.8/286.8 (MCS11)	17.91	17.80	20.87	23.57	-2.70	0.70	21.57	29.57	-8.00
	5660	132	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.01	17.93	20.98	23.57	-2.59	0.70	21.68	29.57	-7.89
	5680	136	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.90	16.63	19.78	23.57	-3.79	0.70	20.48	29.57	-9.09
	5700	140	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.90	13.67	16.80	23.57	-6.77	0.70	17.50	29.57	-12.07
	5720	144	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.22	18.33	21.29	23.57	-2.28	0.70	21.99	29.57	-7.58
	5745	149	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.28	18.26	21.28	30.00	-8.72	0.10	21.38	-	-
	5785	157	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.30	18.29	21.31	30.00	-8.69	0.10	21.41	-	-
	5825	165	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.36	18.31	21.35	30.00	-8.65	0.10	21.45	-	-
	5180	36	SDM	AVG	242	61	243.8/286.8 (MCS11)	14.51	14.57	17.55	-	-	-1.00	16.55	22.56	-6.01
	5200	40	SDM	AVG	242	61	243.8/286.8 (MCS11)	15.52	15.38	18.46	-	-	-1.00	17.46	22.56	-5.10
	5240	48	SDM	AVG	242	61	243.8/286.8 (MCS11)	15.23	15.37	18.31	-	-	-1.00	17.31	22.56	-5.25
	5260	52	CDD	AVG	242	61	243.8/286.8 (MCS11)	17.92	18.28	21.11	23.57	-2.46	0.20	21.31	29.57	-8.26
	5300	60	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.10	18.37	21.24	23.57	-2.33	0.20	21.44	29.57	-8.13
	5320	64	CDD	AVG	242	61	243.8/286.8 (MCS11)	15.46	15.64	18.56	23.57	-5.01	0.20	18.76	29.57	-10.81
	5500	100	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.81	13.62	16.73	23.57	-6.84	0.70	17.43	29.57	-12.14
	5520	104	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.72	16.99	19.87	23.57	-3.70	0.70	20.57	29.57	-9.00
	5540	108	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.14	18.26	21.21	23.57	-2.36	0.70	21.91	29.57	-7.66
	5580	116	CDD	AVG	242	61	243.8/286.8 (MCS11)	17.91	17.80	20.87	23.57	-2.70	0.70	21.57	29.57	-8.00
	5660	132	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.01	17.93	20.98	23.57	-2.59	0.70	21.68	29.57	-7.89
	5680	136	CDD	AVG	242	61	243.8/286.8 (MCS11)	16.90	16.63	19.78	23.57	-3.79	0.70	20.48	29.57	-9.09
	5700	140	CDD	AVG	242	61	243.8/286.8 (MCS11)	13.90	13.67	16.80	23.57	-6.77	0.70	17.50	29.57	-12.07
	5720	144	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.22	18.33	21.29	23.57	-2.28	0.70	21.99	29.57	-7.58
	5745	149	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.28	18.26	21.28	30.00	-8.72	0.10	21.38	-	-
	5785	157	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.30	18.29	21.31	30.00	-8.69	0.10	21.41	-	-
	5825	165	CDD	AVG	242	61	243.8/286.8 (MCS11)	18.36	18.31	21.35	30.00	-8.65	0.10	21.45	-	-

Table 7-136. ISED CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 4a	Antenna 2a	Summed						
	5190	38	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.72	12.69	15.71	-	-	-0.90	14.81	22.56	-7.75
	5230	46	SDM	AVG	484	65	487.5/573.5 (MCS11)	16.74	16.86	19.81	-	-	-1.00	18.81	22.56	-3.75
	5270	54	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.29	18.42	21.37	23.57	-2.20	0.20	21.57	29.57	-8.00
	5310	62	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.83	12.85	15.85	23.57	-7.72	0.20	16.05	29.57	-13.52
	5510	102	CDD	AVG	484	65	487.5/573.5 (MCS11)	12.36	12.23	15.30	23.57	-8.27	0.70	16.00	29.57	-13.27
	5550	110	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.65	16.78	19.72	23.57	-3.85	0.70	20.42	29.57	-9.15
	5670	134	CDD	AVG	484	65	487.5/573.5 (MCS11)	16.26	16.06	19.17	23.57	-4.40	0.70	19.87	29.57	-9.70
	5710	142	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.24	18.43	21.34	23.57	-2.23	0.70	22.04	29.57	-7.53
5755	151	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.42	18.22	21.33	30.00	-8.67	0.10	21.43	-	-	
5795	159	CDD	AVG	484	65	487.5/573.5 (MCS11)	18.45	18.45	21.46	30.00	-8.54	0.10	21.56	-	-	

Note:

Per ANSI C63.10-2020 and KDB 662911 v02r01 Section E)1), the conducted powers at Antenna WF5B and Antenna 4a were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10-2020 Section 14.6.3, the directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

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

Per ANSI C63.10-2020 Section 14.6.3, the uncorrelated directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{ANT}] \text{ dBi}$$

Sample CDD/SDM Calculation:

At 5180MHz in 802.11be (20MHz BW) mode, the average conducted output power was measured to be 6.26 dBm for Antenna WF5B and 6.31 dBm for Antenna 4a.

$$\text{Antenna WF5B} + \text{Antenna 4a} = \text{CDD/SDM}$$

$$(6.26 \text{ dBm} + 6.31 \text{ dBm}) = (4.227 \text{ mW} + 4.276 \text{ mW}) = 8.502 \text{ mW} = 9.30 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11be (20MHz BW) mode, the average MIMO conducted power was calculated to be 9.30 dBm with directional gain of 1.76 dBi.

$$\text{e.i.r.p. (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$9.30 \text{ dBm} + 1.76 \text{ dBi} = 11.06 \text{ dBm}$$

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 83 of 374

V 11.0 5/2025

7.5 Maximum Power Spectral Density

§15.407(a.1.iv) §15.407(a.2) §15.407(a.3.i); RSS-247 [6.2]

Test Overview and Limit

The spectrum analyzer was connected to the antenna terminal while the EUT was operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies. Method SA-1, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, was used to measure the power spectral density.

In the 5.15 – 5.25GHz, 5.25 – 5.35GHz, 5.47 – 5.725GHz bands, the maximum permissible power spectral density is 11dBm/MHz.

In the 5.15 – 5.25GHz band, the e.i.r.p. spectral density shall not exceed 10 dBm in any 1 MHz band.

In the 5.725 – 5.850GHz band, the maximum permissible power spectral density is 30dBm/500kHz.

Test Procedure Used

ANSI C63.10-2020 – Section 12.4.2.2

KDB 789033 D02 v02r01 – Section F

ANSI C63.10-2020 – Section 14.5.2.2 Measure-and-Sum Technique

KDB 662911 v02r01 – Section E)2) Measure-and-Sum Technique

Test Settings

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Set span to encompass the entire 99% OBW of the signal
3. RBW = 1MHz for U-NII 1, U-NII 2A, U-NII 2C; 500kHz for U-NII 3
4. VBW $\geq$ 3MHz for U-NII 1, U-NII 2A, U-NII 2C; $\geq$ 3 x RBW for U-NII 3
5. Number of sweep points $\geq$ 2 x (span/RBW)
6. Sweep time = auto
7. Detector = power averaging (RMS)
8. Trigger was set to free run for all modes
9. Trace was averaged over 100 sweeps
10. The peak search function of the spectrum analyzer was used to find the peak of the spectrum.

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 84 of 374

V 11.0 5/2025

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

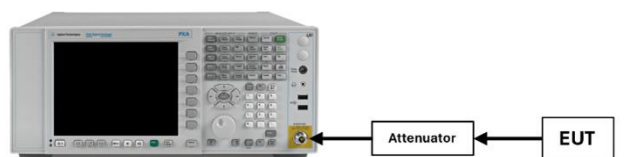


Figure 7-4. Test Instrument & Measurement Setup

Test Notes

1. All of the partially-loaded RU configurations have been investigated for Power Spectral Density measurement and among all partially-loaded RU configurations, the RU26 configuration was found to be the worst case. Therefore, only the RU26 (Partially-loaded RU) and RU242 (Fully-loaded RU) data are included in this section.
2. Low, mid, and high channels were tested and tabular data has been reported. Only worst case PSD plots have been reported.

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 85 of 374

V 11.0 5/2025

7.5.1 Antenna WF5B Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	26	0	MCS5	5.76	11.0	-5.24
	5200	40	be (20MHz)	26	8	MCS5	5.83	11.0	-5.18
	5240	48	be (20MHz)	26	0	MCS5	5.82	11.0	-5.18
	5190	38	be (40MHz)	26	0	MCS5	5.97	11.0	-5.03
	5230	46	be (40MHz)	26	0	MCS5	5.70	11.0	-5.30
	5210	42	be (80MHz)	26	0	MCS5	5.86	11.0	-5.14
Band 1/2A	5250	50	be (160MHz)	52	52	MCS5	5.57	11.0	-5.43
Band 2A	5260	52	be (20MHz)	52	40	MCS5	5.60	11.0	-5.40
	5280	60	be (20MHz)	52	40	MCS5	5.67	11.0	-5.33
	5320	64	be (20MHz)	52	37	MCS5	5.86	11.0	-5.14
	5270	54	be (40MHz)	52	44	MCS5	6.05	11.0	-4.95
	5310	62	be (40MHz)	52	40	MCS5	6.22	11.0	-4.78
	5290	58	be (80MHz)	52	52	MCS5	6.00	11.0	-5.00
Band 2C	5500	100	be (20MHz)	52	37	MCS5	5.85	11.0	-5.15
	5580	116	be (20MHz)	52	40	MCS5	5.57	11.0	-5.43
	5720	144	be (20MHz)	52	40	MCS5	5.88	11.0	-5.12
	5510	102	be (40MHz)	52	40	MCS5	6.10	11.0	-4.90
	5550	110	be (40MHz)	52	40	MCS5	6.05	11.0	-4.95
	*5590	118	be (40MHz)	52	44	MCS5	6.10	11.0	-4.90
	5670	134	be (40MHz)	52	37	MCS5	6.11	11.0	-4.89
	5710	142	be (40MHz)	52	40	MCS5	6.23	11.0	-4.77
	5530	106	be (80MHz)	52	52	MCS5	6.02	11.0	-4.98
	*5610	122	be (80MHz)	52	52	MCS5	6.13	11.0	-4.87
	5690	138	be (80MHz)	52	52	MCS5	6.15	11.0	-4.85
	*5570	114	be (160MHz)	52	52	MCS5	5.09	11.0	-5.91

Table 7-140. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF5B (RU26/52)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 86 of 374

V 11.0 5/2025

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	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	52+26	71	MCS5	6.58	11.00	-4.42
	5200	40	be (20MHz)	52+26	71	MCS5	6.49	11.00	-4.51
	5240	48	be (20MHz)	52+26	71	MCS5	6.48	11.00	-4.52
	5180	36	be (20MHz)	106+26	82	MCS5	6.16	11.00	-4.84
	5200	40	be (20MHz)	106+26	82	MCS5	6.13	11.00	-4.87
	5240	48	be (20MHz)	106+26	83	MCS5	6.19	11.00	-4.81
Band 1/2A	5210	42	be (80MHz)	484+242	92	MCS5	-3.30	11.00	-14.30
	5250	50 (L)	be (160MHz)	996+484	95	MCS5	-7.24	11.00	-18.24
	5250	50 (L)	be (160MHz)	996+484+242	96	MCS5	-8.07	11.00	-19.07
	5250	50 (U)	be (160MHz)	996+484	94	MCS5	-7.45	11.00	-18.45
Band 2A	5250	50 (U)	be (160MHz)	996+484+242	98	MCS5	-8.04	11.00	-19.04
	5260	52	be (20MHz)	52+26	71	MCS5	6.38	11.00	-4.62
	5280	60	be (20MHz)	52+26	71	MCS5	6.58	11.00	-4.42
	5320	64	be (20MHz)	52+26	71	MCS5	6.48	11.00	-4.52
	5260	52	be (20MHz)	106+26	83	MCS5	6.10	11.00	-4.90
	5280	60	be (20MHz)	106+26	83	MCS5	6.28	11.00	-4.72
	5320	64	be (20MHz)	106+26	82	MCS5	6.18	11.00	-4.82
	5290	58	be (80MHz)	484+242	91	MCS5	-4.11	11.00	-15.11
Band 2C	5500	100	be (20MHz)	52+26	71	MCS5	6.38	11.00	-4.62
	5580	116	be (20MHz)	52+26	72	MCS5	6.60	11.00	-4.40
	5720	144	be (20MHz)	52+26	71	MCS5	6.51	11.00	-4.50
	5500	100	be (20MHz)	106+26	83	MCS5	4.24	11.00	-6.76
	5580	116	be (20MHz)	106+26	82	MCS5	6.42	11.00	-4.58
	5720	144	be (20MHz)	106+26	82	MCS5	6.20	11.00	-4.80
	5530	106	be (80MHz)	484+242	93	MCS5	-4.25	11.00	-15.25
	*5610	122	be (80MHz)	484+242	92	MCS5	-0.56	11.00	-11.56
	5690	138	be (80MHz)	484+242	91	MCS5	2.01	11.00	-8.99
	*5570	114 (L)	be (160MHz)	996+484	94	MCS5	-7.98	11.00	-18.98
	*5570	114 (H)	be (160MHz)	996+484+242	96	MCS5	-8.64	11.00	-19.64
	*5570	114 (L)	be (160MHz)	996+484	94	MCS5	-7.98	11.00	-18.98
	*5570	114 (H)	be (160MHz)	996+484+242	96	MCS5	-8.64	11.00	-19.64

Table 7-141. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF5B (MRU)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 87 of 374

V 11.0 5/2025

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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	242	61	MCS5	3.04	11.0	-7.96
	5200	40	be (20MHz)	242	61	MCS5	4.76	11.0	-6.24
	5240	48	be (20MHz)	242	61	MCS5	5.52	11.0	-5.48
	5190	38	be (40MHz)	484	65	MCS5	-2.29	11.0	-13.29
	5230	46	be (40MHz)	484	65	MCS5	2.48	11.0	-8.52
	5210	42	be (80MHz)	996	67	MCS5	-5.42	11.0	-16.42
Band 1/2A	5250	50	be (160MHz)	996x2	68	MCS5	-9.81	11.0	-20.81
Band 2A	5260	52	be (20MHz)	242	61	MCS5	5.44	11.0	-5.56
	5280	60	be (20MHz)	242	61	MCS5	4.78	11.0	-6.22
	5320	64	be (20MHz)	242	61	MCS5	3.78	11.0	-7.22
	5270	54	be (40MHz)	484	65	MCS5	2.44	11.0	-8.56
	5310	62	be (40MHz)	484	65	MCS5	-2.28	11.0	-13.28
	5290	58	be (80MHz)	996	67	MCS5	-4.43	11.0	-15.43
Band 2C	5500	100	be (20MHz)	242	61	MCS5	2.98	11.0	-8.02
	5580	116	be (20MHz)	242	61	MCS5	5.48	11.0	-5.52
	5720	144	be (20MHz)	242	61	MCS5	5.54	11.0	-5.46
	5510	102	be (40MHz)	484	65	MCS5	-3.37	11.0	-14.37
	5550	110	be (40MHz)	484	65	MCS5	0.42	11.0	-10.58
	*5590	118	be (40MHz)	484	65	MCS5	2.79	11.0	-8.21
	5670	134	be (40MHz)	484	65	MCS5	-0.35	11.0	-11.35
	5710	142	be (40MHz)	484	65	MCS5	2.65	11.0	-8.35
	5530	106	be (80MHz)	996	67	MCS5	-6.02	11.0	-17.02
	*5610	122	be (80MHz)	996	67	MCS5	-2.87	11.0	-13.87
	5690	138	be (80MHz)	996	67	MCS5	-0.54	11.0	-11.54
	*5570	114	be (160MHz)	996x2	68	MCS5	-10.25	11.0	-21.25

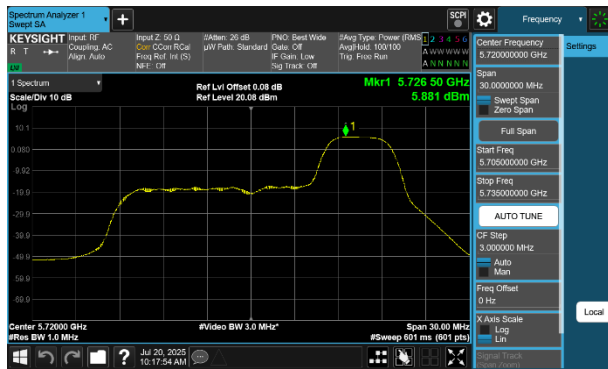
Table 7-142. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF5B (Full Loaded RU)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

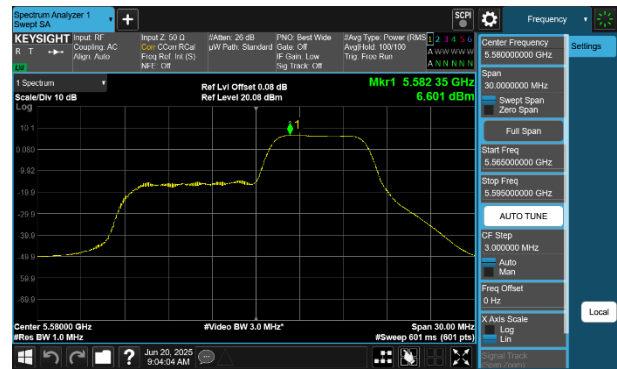
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 88 of 374

V 11.0 5/2025

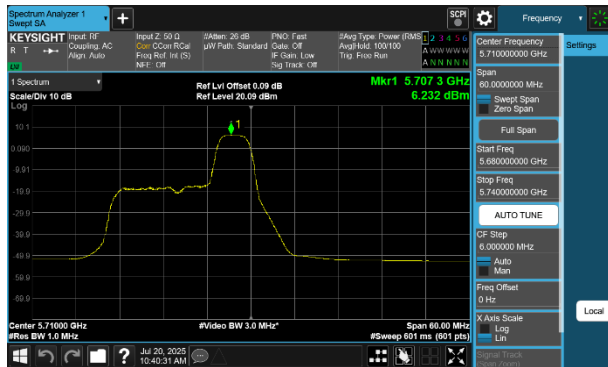
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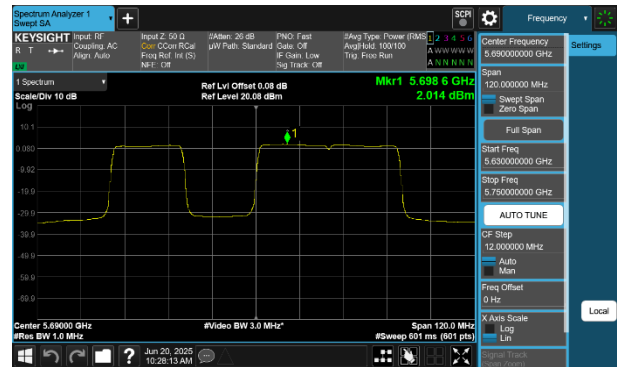
Plot 7-58 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU52 Index40 - Ch.144)



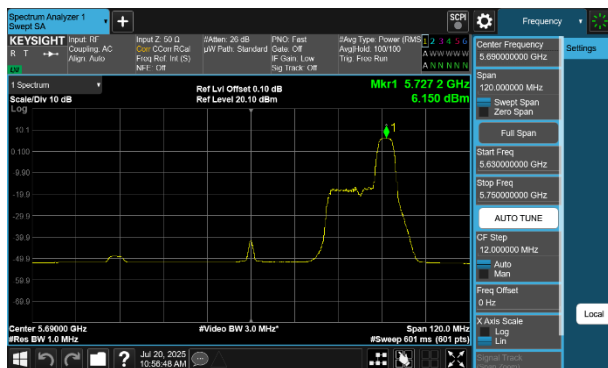
Plot 7-62 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU52+26 Index72 - Ch.116)



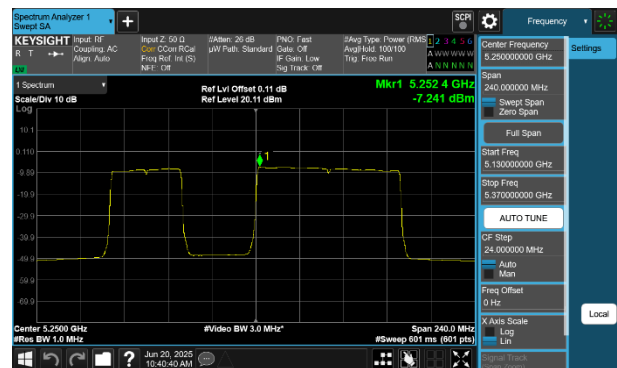
Plot 7-59 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU52 Index40 - Ch.142)



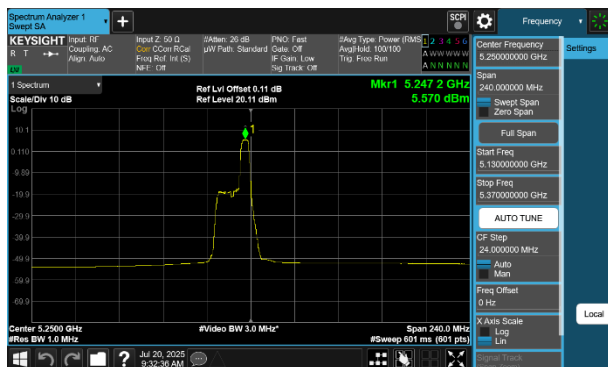
Plot 7-63 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.138)



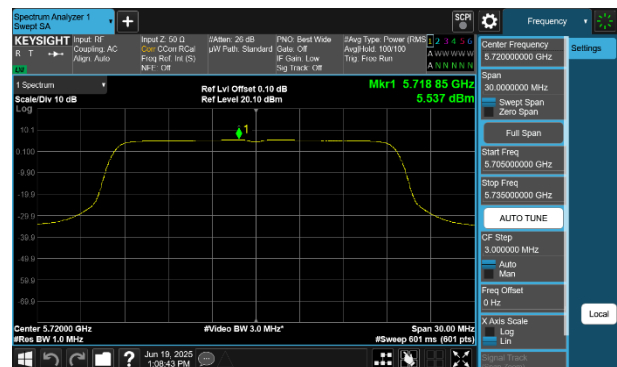
Plot 7-60 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU52 Index52 - Ch.138)



Plot 7-64 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)



Plot 7-61 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU52 Index52 - Ch.50)

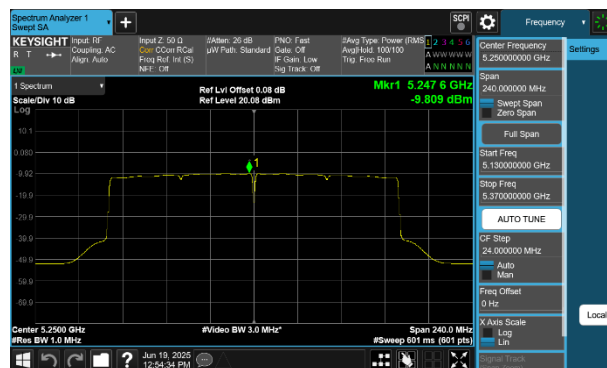


Plot 7-65 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU242 Index61 - Ch.144)

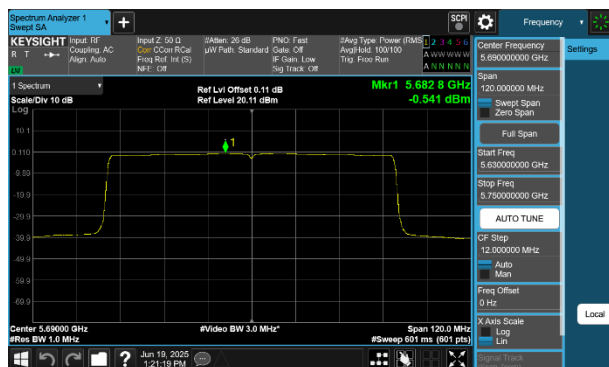
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG			Page 89 of 374



Plot 7-66 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU484 Index65 - Ch.118)



Plot 7-68 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)



Plot 7-67 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU996 Index67 - Ch.138)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 90 of 374