

MEASUREMENT REPORT

FCC PART 15.407 / ISSED RSS-247 UNII 5GHz 802.11a/n/ac/ax/be(SU) (OFDM)

Applicant Name:

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

Date of Testing:

05/12/2025 - 07/04/2025

Test Report Issue Date:

9/8/2025

Test Site/Location:

Element Materials Technology, Morgan Hill, CA, USA

Test Report Serial No.:

1C2504170040-13.BCG

FCC ID:

BCGA3360

IC:

579C-A3360

APPLICANT:

Apple Inc.

Application Type:

Certification

Model/HVIN:

A3360

EUT Type:

Tablet Device

Frequency Range:

5180 – 5825MHz

Modulation Type:

OFDM

FCC Classification:

Unlicensed National Information Infrastructure (UNII)

FCC Rule Part(s):

Part 15 Subpart E (15.407)

ISSED 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 789033 D02 v02r01. Test results reported herein relate only to the item(s) tested.

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: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 1 of 261

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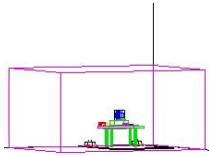
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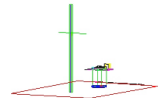
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MEASUREMENT REPORT



UNII Band	Channel Bandwidth (MHz)	Mode	Tx Frequency (MHz)	SISO						CDD/SDM Primary		CDD/SDM Diversity	
				Antenna WF5B		Antenna WF8		Antenna WF7		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	802.11a/n	5180 - 5240	98.855	19.95	112.202	20.50	100.000	20.00	133.045	21.24	133.968	21.27
2A		802.11a/n	5260 - 5320	98.855	19.95	110.917	20.45	99.541	19.98	132.739	21.23	135.207	21.31
2C		802.11a/n	5500 - 5720	106.660	20.28	112.202	20.50	100.000	20.00	133.045	21.24	133.968	21.27
3		802.11a/n	5745 - 5825	98.855	19.95	111.944	20.49	100.000	20.00	197.697	22.96	198.153	22.97
1	40	802.11n	5190 - 5230	95.940	19.82	96.828	19.86	98.401	19.93	196.789	22.94	194.536	22.89
2A		802.11n	5270 - 5310	97.499	19.89	109.901	20.41	99.083	19.96	196.789	22.94	196.336	22.93
2C		802.11n	5510 - 5710	99.312	19.97	109.396	20.39	97.051	19.87	196.789	22.94	199.067	22.99
3		802.11n	5755 - 5795	100.000	20.00	108.643	20.36	100.000	20.00	194.536	22.89	192.309	22.84
1	80	802.11ac	5210	23.768	13.76	24.946	13.97	24.266	13.85	44.259	16.46	43.451	16.38
2A		802.11ac	5290	31.189	14.94	31.189	14.94	30.690	14.87	53.703	17.30	55.463	17.44
2C		802.11ac	5530 - 5690	99.312	19.97	107.895	20.33	95.280	19.79	190.546	22.80	191.426	22.82
3		802.11ac	5775	84.333	19.26	83.368	19.21	86.497	19.37	154.525	21.89	155.597	21.92
1	20	802.11be (SU)	5180 - 5240	97.949	19.91	111.686	20.48	98.175	19.92	136.458	21.35	135.519	21.32
2A		802.11be (SU)	5260 - 5320	97.051	19.87	111.686	20.48	99.083	19.96	133.352	21.25	134.276	21.28
2C		802.11be (SU)	5500 - 5720	97.275	19.88	112.202	20.50	100.000	20.00	133.968	21.27	134.276	21.28
3		802.11be (SU)	5745 - 5825	99.541	19.98	112.202	20.50	99.541	19.98	199.067	22.99	196.336	22.93
1	40	802.11be (SU)	5190 - 5230	95.499	19.80	97.499	19.89	99.312	19.97	192.309	22.84	192.752	22.85
2A		802.11be (SU)	5270 - 5310	92.470	19.66	108.143	20.34	94.406	19.75	192.752	22.85	193.197	22.86
2C		802.11be (SU)	5510 - 5710	98.855	19.95	111.429	20.47	96.828	19.86	194.089	22.88	194.089	22.88
3		802.11be (SU)	5755 - 5795	98.401	19.93	107.399	20.31	97.949	19.91	195.884	22.92	193.197	22.86
1	80	802.11be (SU)	5210	21.528	13.33	21.135	13.25	22.284	13.48	38.637	15.87	38.994	15.91
2A		802.11be (SU)	5290	30.200	14.80	29.040	14.63	31.550	14.99	48.195	16.83	48.753	16.88
2C		802.11be (SU)	5530 - 5690	98.401	19.93	111.686	20.48	97.724	19.90	195.884	22.92	194.984	22.90
3		802.11be (SU)	5775	61.235	17.87	69.823	18.44	60.814	17.84	119.674	20.78	119.124	20.76
1	160	802.11ac	5250	13.740	11.38	13.428	11.28	14.060	11.48	23.823	13.77	24.266	13.85
2C		802.11ac	5570	22.080	13.44	21.135	13.25	20.797	13.18	38.726	15.88	38.459	15.85
1	160	802.11be (SU)	5250	13.062	11.16	13.428	11.28	13.583	11.33	24.099	13.82	24.434	13.88
2C		802.11be (SU)	5570	21.478	13.32	20.464	13.11	20.512	13.12	38.107	15.81	37.670	15.76

FCC EUT Overview

UNII Band	Channel Bandwidth (MHz)	Mode	Tx Frequency (MHz)	SISO						CDD/SDM Primary		CDD/SDM Diversity	
				Antenna WF5B		Antenna WF8		Antenna WF7		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	802.11a/n	5180 - 5240	77.090	18.87	67.298	18.28	76.736	18.85	68.865	18.38	68.234	18.34
2A		802.11a/n	5260 - 5320	98.855	19.95	110.917	20.45	99.541	19.98	132.739	21.23	135.207	21.31
2C		802.11a/n	5500 - 5720	106.660	20.28	112.202	20.50	100.000	20.00	133.045	21.24	133.968	21.27
3		802.11a/n	5745 - 5825	98.855	19.95	111.944	20.49	100.000	20.00	197.697	22.96	198.153	22.97
1	40	802.11n	5190 - 5230	95.940	19.82	96.828	19.86	98.401	19.93	196.789	22.94	194.536	22.89
2A		802.11n	5270 - 5310	97.499	19.89	109.901	20.41	99.083	19.96	196.789	22.94	196.336	22.93
2C		802.11n	5510 - 5710	98.401	19.93	109.396	20.39	97.051	19.87	196.789	22.94	199.067	22.99
3		802.11n	5755 - 5795	100.000	20.00	108.643	20.36	100.000	20.00	194.536	22.89	192.309	22.84
1	80	802.11ac	5210	23.768	13.76	24.946	13.97	24.266	13.85	43.053	16.34	42.462	16.28
2A		802.11ac	5290	31.189	14.94	31.189	14.94	30.690	14.87	53.703	17.30	55.463	17.44
2C		802.11ac	5530 - 5690	99.312	19.97	107.895	20.33	95.280	19.79	190.546	22.80	191.426	22.82
3		802.11ac	5775	84.333	19.26	83.368	19.21	86.497	19.37	154.525	21.89	155.597	21.92
1	20	802.11be (SU)	5180 - 5240	76.384	18.83	68.391	18.35	75.683	18.79	70.958	18.51	70.958	18.51
2A		802.11be (SU)	5260 - 5320	97.051	19.87	111.686	20.48	99.083	19.96	133.352	21.25	134.276	21.28
2C		802.11be (SU)	5500 - 5720	97.275	19.88	112.202	20.50	100.000	20.00	133.968	21.27	134.276	21.28
3		802.11be (SU)	5745 - 5825	99.541	19.98	112.202	20.50	99.541	19.98	199.067	22.99	196.336	22.93
1	40	802.11be (SU)	5190 - 5230	95.499	19.80	97.499	19.89	99.312	19.97	192.309	22.84	192.752	22.85
2A		802.11be (SU)	5270 - 5310	92.470	19.66	108.143	20.34	94.406	19.75	192.752	22.85	193.197	22.86
2C		802.11be (SU)	5510 - 5710	97.051	19.87	111.429	20.47	96.383	19.84	194.089	22.88	190.985	22.81
3		802.11be (SU)	5755 - 5795	98.401	19.93	107.399	20.31	97.949	19.91	195.884	22.92	193.197	22.86
1	80	802.11be (SU)	5210	21.528	13.33	21.135	13.25	22.284	13.48	38.548	15.86	38.637	15.87
2A		802.11be (SU)	5290	30.200	14.80	29.040	14.63	31.550	14.99	48.195	16.83	48.753	16.88
2C		802.11be (SU)	5530 - 5690	98.401	19.93	111.686	20.48	97.724	19.90	195.884	22.92	194.984	22.90
3		802.11be (SU)	5775	61.235	17.87	69.823	18.44	60.814	17.84	119.674	20.78	119.124	20.76
1	160	802.11ac	5250	13.740	11.38	13.428	11.28	14.060	11.48	24.831	13.95	24.717	13.93
1		802.11be (SU)	5250	13.062	11.16	13.428	11.28	13.583	11.33	24.099	13.82	24.434	13.88

ISED EUT Overview

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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).

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2.0 PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the **Apple Tablet Device FCC ID: BCGA3360** and **IC: 579C-A3360**. The test data contained in this report pertains only to the emissions due to the EUT's UNII 802.11a/n/ac/ax(SU) transmitter.

Test Device Serial No.: K5JFHQTX9Q, CP2374P2PQ, D2FQ1WX0L9, H9HHG4000D20000SDT, H9HHG4000F20000SDT

2.2 Device Capabilities

This device contains the following capabilities:

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.

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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

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Notes:

1. TDWR channels are not supported for ISSED.
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) 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 WF8		Antenna WF7		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]
a (Low Data Rate)	98.107	0.083	98.560	0.063	98.378	0.071	97.836	0.095	98.378	0.071
a (Mid Data Rate)	95.918	0.181	96.405	0.159	96.073	0.174	95.918	0.181	96.405	0.159
a (High Data Rate)	93.197	0.306	93.197	0.306	93.304	0.301	93.154	0.308	93.004	0.315
n (HT20) (Low Data Rate)	98.197	0.079	98.560	0.063	98.651	0.059	98.197	0.079	97.836	0.095
n (HT20) (Mid Data Rate)	94.886	0.228	95.104	0.218	94.886	0.228	94.886	0.228	95.104	0.218
n (HT20) (High Data Rate)	91.117	0.404	91.306	0.395	91.306	0.395	91.390	0.391	91.243	0.398
n (HT40) (Low Data Rate)	97.096	0.128	96.783	0.142	97.252	0.121	96.917	0.136	97.297	0.119
n (HT40) (Mid Data Rate)	91.432	0.389	91.138	0.403	91.138	0.403	91.075	0.406	90.887	0.415
n (HT40) (High Data Rate)	85.330	0.689	85.526	0.679	85.546	0.678	85.330	0.689	85.546	0.678
ac (VHT80) (Low Data Rate)	94.667	0.238	94.276	0.256	94.667	0.238	94.428	0.249	94.755	0.234
ac (VHT80) (Mid Data Rate)	85.192	0.696	85.408	0.685	84.957	0.708	85.212	0.695	85.448	0.683
ac (VHT80) (High Data Rate)	79.141	1.016	78.886	1.030	78.542	1.049	78.217	1.067	78.813	1.034
ac (VHT160) (Low Data Rate)	90.678	0.425	90.615	0.428	90.469	0.435	90.678	0.425	90.887	0.415
ac (VHT160) (Mid Data Rate)	78.542	1.049	78.886	1.030	78.886	1.030	78.813	1.034	78.217	1.067
ac (VHT160) (High Data Rate)	72.527	1.395	72.410	1.402	72.845	1.376	72.963	1.369	71.680	1.446
be(SU) (EHT20) (Low Data Rate)	98.062	0.085	98.220	0.078	97.814	0.096	97.814	0.096	97.814	0.096
be(SU) (EHT20) (Mid Data Rate)	94.602	0.241	94.667	0.238	94.733	0.235	94.602	0.241	94.558	0.243
be(SU) (EHT20) (High Data Rate)	90.803	0.419	90.657	0.426	90.678	0.425	90.365	0.440	90.803	0.419
be(SU) (EHT40) (Low Data Rate)	97.073	0.129	96.672	0.147	96.339	0.162	96.672	0.147	96.494	0.155
be(SU) (EHT40) (Mid Data Rate)	90.657	0.426	90.678	0.425	91.054	0.407	90.928	0.413	91.243	0.398
be(SU) (EHT40) (High Data Rate)	86.716	0.619	86.517	0.629	86.517	0.629	86.497	0.630	86.736	0.618
be(SU) (EHT80) (Low Data Rate)	94.211	0.259	94.211	0.259	94.211	0.259	94.211	0.259	94.016	0.268
be(SU) (EHT80) (Mid Data Rate)	86.457	0.632	86.238	0.643	86.457	0.632	86.238	0.643	86.417	0.634
be(SU) (EHT80) (High Data Rate)	81.846	0.870	81.208	0.904	81.846	0.870	81.208	0.904	80.984	0.916
be(SU) (EHT160) (Low Data Rate)	90.573	0.430	90.657	0.426	90.887	0.415	90.657	0.426	90.845	0.417
be(SU) (EHT160) (Mid Data Rate)	81.790	0.873	81.264	0.901	81.790	0.873	81.508	0.888	81.264	0.901
be(SU) (EHT160) (High Data Rate)	78.650	1.043	77.965	1.081	77.965	1.081	77.893	1.085	78.307	1.062

Table 2-4. Measured Duty Cycles

CDD/SDM Primary = Antenna WF5B + Antenna WF8

CDD/SDM Diversity = Antenna WF8 + Antenna WF7

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3. The device employs MIMO technology. Below are the possible configurations.

WiFi Configurations		SISO			CDD			SDM			STBC		
		Antenna WF5B	Antenna WF8	Antenna WF7	Antenna WF5B	Antenna WF8	Antenna WF7	Antenna WF5B	Antenna WF8	Antenna WF7	Antenna WF5B	Antenna WF8	Antenna WF7
5GHz	11a	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
	11n (20MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11ax(SU) (20MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11n (40MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11ax(SU) (40MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11ac (80MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11ax(SU) (80MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11ac (160MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11ax(SU) (160MHz)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table 2-5. WIFI Configurations

✓ = Support ; ✗ = NOT Support

SISO = Single Input Single Output

SDM = Spatial Diversity Multiplexing – MIMO function

CDD = Cyclic Delay Diversity - 2Tx Function

STBC = Space-Time Block Coding – 2Tx Function

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

802.11a	MCS Index				Spatial Stream	OFDM (802.11n/802.11ac)				OFDM (802.11ac)				OFDM (802.11ax/be)				Rate Category							
						20MHz		40MHz		80MHz		160MHz		20MHz		40MHz			80MHz		160MHz				
	0.8µs GI	0.4µs GI	0.8µs GI	0.4µs GI		0.8µs GI	0.4µs GI	0.8µs GI	0.4µs 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						
	HT	VHT	HE	EHT		0.8µs GI	0.4µs GI	0.8µs GI	0.4µs GI	0.8µs GI	0.4µs 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				
6	0	0	0	0	6.5	7.2	13.5	15	29.3	32.5	58.5	65	8.6	8.1	7.3	17.2	16.3	14.6	36	34	30.6	72.1	68.1	6.3	122.5
9	1	1	1	1	1	13	14.4	27	30	58.5	65	117	130	17.2	16.3	14.6	34.4	32.5	29.3	72.1	68.1	61.1	136.1	126.1	125.5
12	2	2	2	2	1	19.5	21.7	40.5	45	87.8	97.5	175.5	195	25.8	24.2	21.9	48.8	45.6	41.4	108.1	102.1	98.1	202.2	192.2	193.5
18	3	3	3	3	1	26	28.9	54	60	130	143	234	260	34.4	32.5	29.3	65	60.4	55	136.1	126.1	113.2	288.2	272.2	245
24	4	4	4	4	1	32.5	43.3	81	90	175.5	195	351	390	51.6	48.8	43.9	103.2	97.5	87.8	216.2	204.2	183.8	432.4	408.3	367.5
36	5	5	5	5	1	39	57.8	108	120	234	260	468	520	68.8	65	58.5	137.6	130	117	288.2	272.2	245	576.5	544.4	490
48	6	6	6	6	1	58.5	65	121.5	135	263.3	292.5	526.5	585	77.4	73.1	65.8	154.9	146.3	131.6	324.3	306.3	276.5	648.5	612.5	551.3
54	7	7	7	7	1	65	72.2	135	150	292.5	325	585	650	86	81.3	73.1	172.1	162.5	146.3	360.3	340.3	306.3	720.6	680.6	618.5
-	-	-	8	8	1	-	-	162	180	351	390	702	780	103.2	97.5	87.8	206.5	195	175.5	432.4	408.3	367.5	864.7	816.7	735
-	-	-	9	9	1	-	-	180	200	390	433.3	780	866.7	114.7	108.3	97.5	229.4	216.7	195	480.4	453.7	408.3	960.8	907.4	816.7
-	-	-	10	10	1	-	-	-	-	-	-	-	-	129	121.9	109.7	258.1	243.8	219.4	540.4	510.4	459.4	1080.9	1020.8	918.8
-	-	-	11	11	1	-	-	-	-	-	-	-	-	143.4	135.4	121.9	286.8	270.8	243.8	600.5	567.1	510.4	1201	1134.3	1020.8
6	8	0	0	0	2	13	14.4	27	30	58.5	65	117	130	17.2	16.3	14.6	34.4	32.5	29.3	72.1	68.1	61.1	136.1	126.1	125.5
9	9	1	1	1	2	26	28.9	54	60	117	130	234	260	34.4	32.5	29.3	68.8	65	58.5	144.1	136.1	122.5	288.2	272.2	245
12	10	2	2	2	2	39	43.3	81	90	175.5	195	351	390	51.6	48.8	43.9	103.2	97.5	87.8	216.2	204.2	183.8	432.4	408.3	367.5
18	11	3	3	3	2	52	57.8	108	120	234	260	468	520	68.8	65	58.5	137.6	130	117	288.2	272.2	245	576.5	544.4	490
24	12	4	4	4	2	78	86.7	162	180	351	390	702	780	103.2	97.5	87.8	206.5	195	175	432.4	408.3	367.5	864.7	816.7	735
36	13	5	5	5	2	104	115.6	216	240	468	520	936	1040	137.6	130	117	275.3	260	234	576.5	544.4	487.5	1080.9	1020.8	918.8
48	14	6	6	6	2	130	130	243	270	526.5	585	1053	1170	154.9	146.3	131.6	309.7	292.5	263.5	648.5	612.5	551.3	1297.1	1225	1102.5
54	15	7	7	7	2	130	144.4	270	300	585	650	1170	1300	172.1	162.5	146.3	344.1	325	292.5	720.6	680.6	612.5	1441.2	1361.1	1225
-	-	-	8	8	2	173.3	173.3	324	360	702	780	1430	1560	206.5	195	175.5	412.9	390	351	864.7	816.7	735	1729.4	1633.3	1470
-	-	-	9	9	2	-	-	360	400	780	866.7	1560	1733.3	229.4	216.7	195	458.8	433.3	390	960.8	907.4	816.7	1921.8	1814.3	1633.3
-	-	-	10	10	2	-	-	-	-	-	-	-	-	258.1	243.8	219.4	516.8	487.5	438.7	1080.9	1020.8	918.8	2401.7	2241.7	1837.5
-	-	-	11	11	2	-	-	-	-	-	-	-	-	286.8	270.8	243.8	573.5	541.7	487.5	1201	1134.3	1020.8	2822.2	2622.2	2137.5

Table 2-6. Supported Data Rates

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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
		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
Ant WF7	Config 1	✓	✗	✗	✗	✓	✗
Ant WF7	Config 2	✓	✗	✗	✗	✗	✓
Ant WF7	Config 3	✗	✓	✗	✗	✓	✗
Ant WF7	Config 4	✗	✓	✗	✗	✗	✓
Ant WF7	Config 5	✗	✗	✓	✓	✗	✗
Ant WF7	Config 6	✗	✗	✓	✗	✓	✗
Ant WF7	Config 7	✗	✗	✓	✗	✗	✓
Ant WF8	Config 8	✓	✗	✗	✗	✓	✗
Ant WF8	Config 9	✓	✗	✗	✗	✗	✓
Ant WF8	Config 10	✗	✓	✗	✗	✓	✗
Ant WF8	Config 11	✗	✓	✗	✗	✗	✓
Ant WF8	Config 12	✗	✗	✓	✓	✗	✗
Ant WF8	Config 13	✗	✗	✓	✗	✓	✗
Ant WF8	Config 14	✗	✗	✓	✗	✗	✓

Table 2-7. Simultaneous Transmission Configurations

✓ = Support; ✗ = Not Support

Note:

All the above simultaneous transmission configurations have been tested and the worst-case configuration was found to be Config 1.

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2.3 Antenna Description

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

Frequency [GHz]	Antenna Gain (dBi)		
	Antenna WF5B	Antenna WF8	Antenna WF7
5.150 – 5.250	1.4	2.0	-1.9
5.250 – 5.350	1.1	2.4	-2.6
5.470 – 5.725	1.1	2.1	-0.4
5.725 – 5.850	0.8	1.3	1.1

Table 2-8. Highest Antenna Gain

2.4 Test Support Equipment

1	Apple MacBook Pro w/AC/DC Adapter	Model: A2141 Model: A2166	S/N: C02H604EQ05D S/N: C4H042705ZNPM0WA6
2	Apple USB-C Cable	Model: Spartan	S/N: GXK1336018XKTR024
3	USB-C Cable w/ AC Adapter	Model: A2795 Model: A2305	S/N: DWH80115BK826GV19 S/N: 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

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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.

802.11n HT20/40, 11ax/be(SU) HE20/40/80/160 and 11ac VHT80/160 2TX CDD/SDM mode test data provided in this report covers 802.11n HT20/40, 11ax/be(SU) HE20/40/80/160 and 802.11ac VHT80/160 2TX STBC mode

802.11ac VHT20 and VHT40 mode are different from 802.11n HT20 and HT40 only in control messages and have the same power settings.

The data rates have been categorized into three groups: low, middle, and high data rates (see Table 2-6). All three groups have been investigated, and only the worst-case data rate has been reported.

For 802.11ax/be (OFDMA) test result, see separate UNII 802.11ax/be (OFDMA) report, 1C2504170040-14.BCG.

All possible simultaneous transmission configurations have been investigated and the worst case config has been reported.

Description	Bluetooth	UNII
Antenna	Antenna WF7	Antenna WF7
Channel	78	36
Operating Frequency (MHz)	2480	5180
Mode/Modulation	GFSK ePA	802.11n

Table 2-10. Worst Case Simultaneous Transmission Configuration

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.

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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.

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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, 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).

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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.

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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

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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:

- 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.
- * denotes passive equipment that have been internally verified/calibrated.

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7.0 TEST RESULTS

7.1 Summary

Company Name: Apple Inc.
 FCC ID: BCGA3360
 IC: 579C-A3360
 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 40-12.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:

- 1) 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.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) 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.

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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 data rates and channels were investigated, and tabular data has been reported. Only the worst-case plot was reported.

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7.2.1 Antenna WF5B 26dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	a	36Mbps	17.86	22.07
	5200	40	a	18Mbps	17.89	22.30
	5240	48	a	36Mbps	17.89	22.09
	5180	36	n (20MHz)	MCS3	17.85	21.73
	5200	40	n (20MHz)	MCS3	17.91	21.92
	5240	48	n (20MHz)	MCS3	17.90	22.30
	5180	36	be (SU) (20MHz)	MCS5	19.01	22.12
	5200	40	be (SU) (20MHz)	MCS5	19.08	22.27
	5240	48	be (SU) (20MHz)	MCS3	19.06	22.60
	5190	38	n (40MHz)	MCS5	36.56	42.44
	5230	46	n (40MHz)	MCS3	36.68	43.28
	5190	38	be (SU) (40MHz)	MCS5	38.05	43.72
	5230	46	be (SU) (40MHz)	MCS3	38.08	44.30
	5210	42	ac (80MHz)	MCS3	75.89	81.01
	5210	42	be (SU) (80MHz)	MCS5	77.40	82.42
Band 1/2	5250	50	ac (160MHz)	MCS5	154.87	163.06
	5250	50	be (SU) (160MHz)	MCS3	156.24	164.72
Band 2A	5260	52	a	36Mbps	17.88	22.20
	5300	60	a	36Mbps	17.86	21.73
	5320	64	a	36Mbps	17.84	22.19
	5260	52	n (20MHz)	MCS3	17.90	21.89
	5300	60	n (20MHz)	MCS3	17.87	21.82
	5320	64	n (20MHz)	MCS5	17.84	21.82
	5260	52	be (SU) (20MHz)	MCS3	19.06	22.34
	5300	60	be (SU) (20MHz)	MCS5	19.06	22.17
	5320	64	be (SU) (20MHz)	MCS5	19.04	22.13
	5270	54	n (40MHz)	MCS3	36.66	43.05
	5310	62	n (40MHz)	MCS3	36.61	43.40
	5270	54	be (SU) (40MHz)	MCS5	37.96	43.26
	5310	62	be (SU) (40MHz)	MCS5	38.00	43.28
	5290	58	ac (80MHz)	MCS3	75.88	81.30
	5290	58	be (SU) (80MHz)	MCS3	77.41	82.42
Band 2C	5500	100	a	36Mbps	17.85	22.13
	5580	116	a	36Mbps	17.90	22.22
	5720	144	a	36Mbps	17.91	22.88
	5500	100	n (20MHz)	MCS5	17.82	21.91
	5580	116	n (20MHz)	MCS3	17.88	22.25
	5720	144	n (20MHz)	MCS3	17.90	22.29
	5500	100	be (SU) (20MHz)	MCS5	19.01	22.29
	5580	116	be (SU) (20MHz)	MCS5	19.03	22.21
	5720	144	be (SU) (20MHz)	MCS5	19.05	22.56
	5510	102	n (40MHz)	MCS5	36.59	42.99
	5550	110	n (40MHz)	MCS5	36.61	43.37
	5710	142	n (40MHz)	MCS5	36.74	43.35
	5510	102	be (SU) (40MHz)	MCS3	37.98	44.05
	5550	110	be (SU) (40MHz)	MCS3	38.06	43.61
	5710	142	be (SU) (40MHz)	MCS5	38.08	44.57
	5530	106	ac (80MHz)	MCS3	75.84	80.95
	*5610	122	ac (80MHz)	MCS5	75.90	81.14
	5690	138	ac (80MHz)	MCS5	76.05	81.41
	5530	106	be (SU) (80MHz)	MCS3	77.50	82.58
	*5610	122	be (SU) (80MHz)	MCS5	77.56	82.32
	5690	138	be (SU) (80MHz)	MCS3	77.59	82.45
	*5570	114	ac (160MHz)	MCS5	154.81	162.94
	*5570	114	be (SU) (160MHz)	MCS3	156.60	164.26

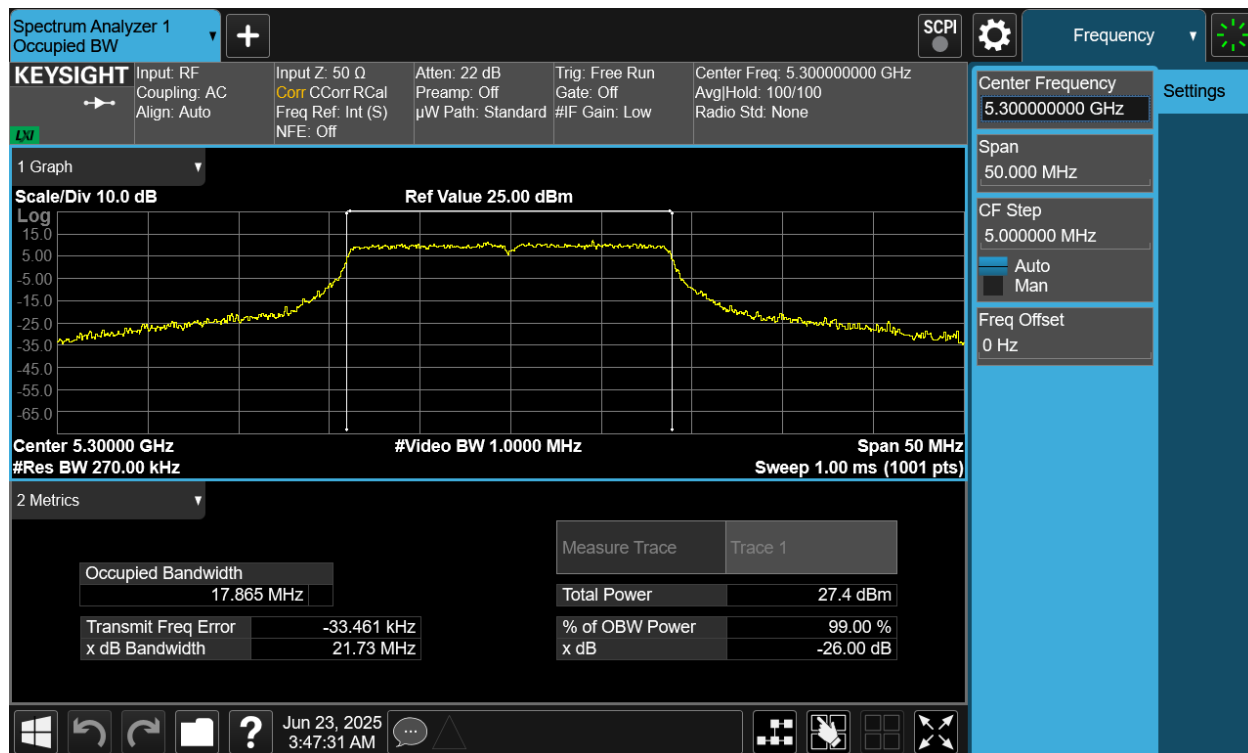
Table 7-2. Conducted Bandwidth Measurements Antenna WF5B

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

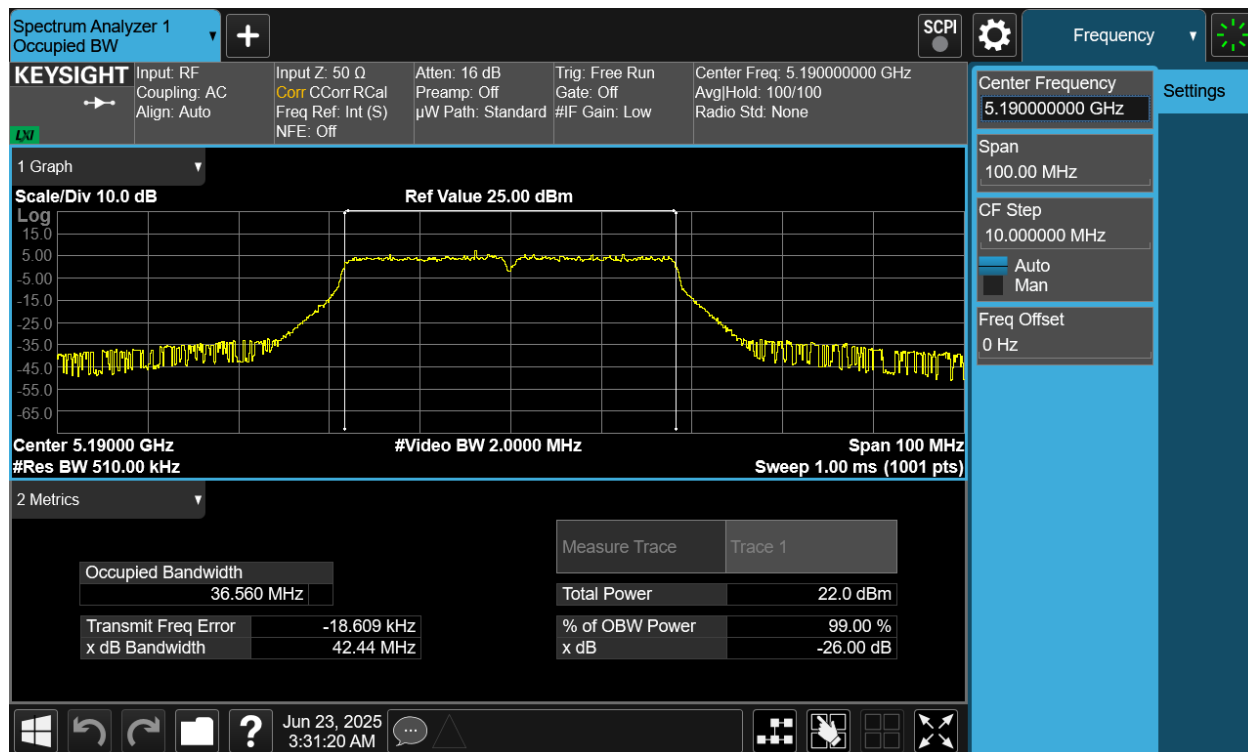
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Plot 7-1 26dB BW & 99% OBW Antenna WF5B (20MHz BW 802.11a - Ch.60)

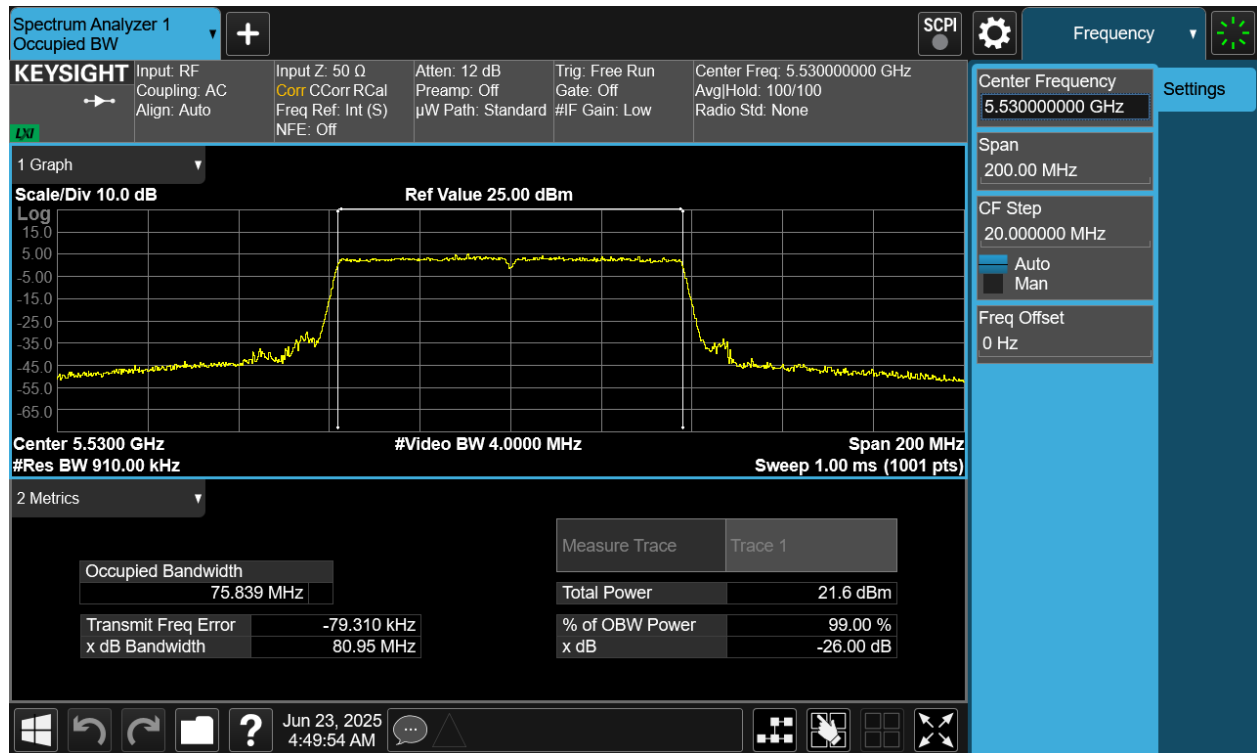


Plot 7-2 26dB BW & 99% OBW Antenna WF5B (40MHz BW 802.11n - Ch.38)

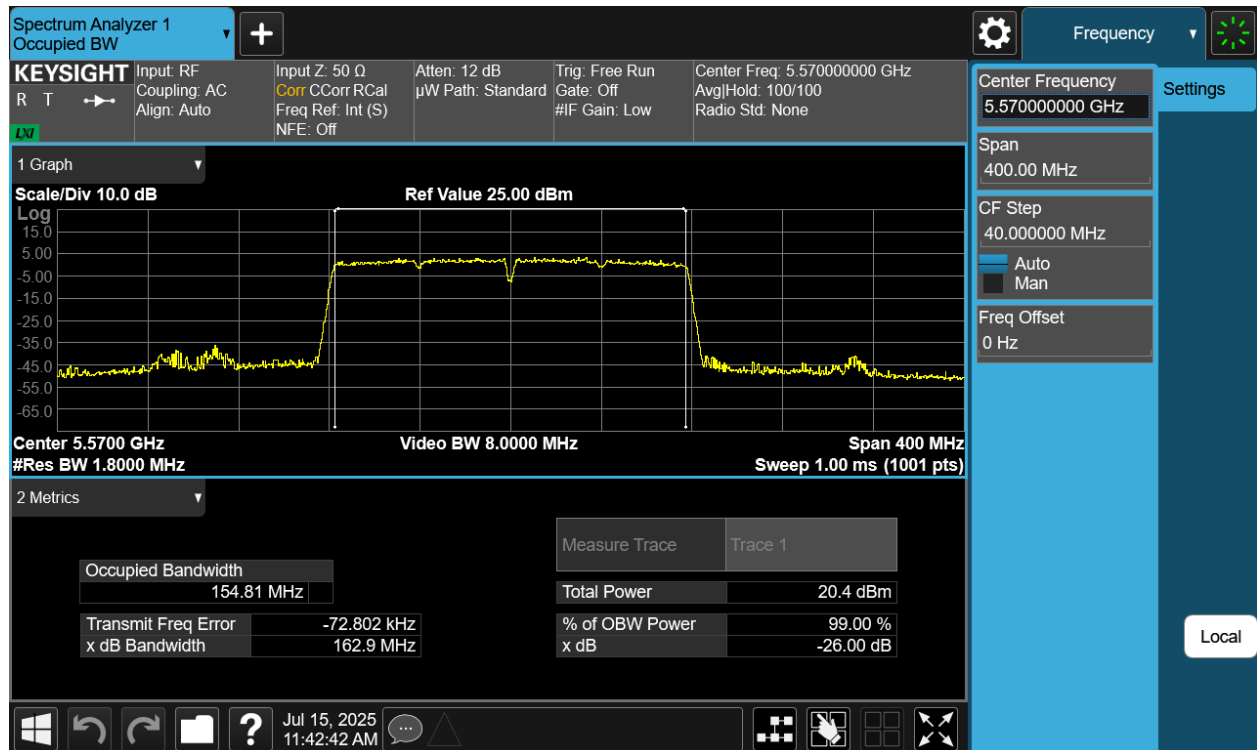
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Plot 7-3 26dB BW & 99% OBW Antenna WF5B (80MHz BW 802.11ac - Ch.106)



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

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7.2.2 Antenna WF8 26dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	a	36Mbps	17.85	21.97
	5200	40	a	36Mbps	17.88	22.50
	5240	48	a	36Mbps	17.88	22.57
	5180	36	n (20MHz)	MCS3	17.87	21.59
	5200	40	n (20MHz)	MCS3	17.85	21.94
	5240	48	n (20MHz)	MCS3	17.88	22.12
	5180	36	be (SU) (20MHz)	MCS3	19.04	21.73
	5200	40	be (SU) (20MHz)	MCS5	19.10	22.28
	5240	48	be (SU) (20MHz)	MCS3	19.06	22.87
	5190	38	n (40MHz)	MCS5	36.61	42.93
	5230	46	n (40MHz)	MCS5	36.67	42.77
	5190	38	be (SU) (40MHz)	MCS3	38.01	43.60
	5230	46	be (SU) (40MHz)	MCS5	38.05	43.30
	5210	42	ac (80MHz)	MCS5	75.93	81.04
Band 1/2	5210	42	be (SU) (80MHz)	MCS0	77.44	82.20
	5250	50	ac (160MHz)	MCS5	154.65	163.03
Band 2A	5250	50	be (SU) (160MHz)	MCS0	156.46	164.79
	5260	52	a	36Mbps	17.88	22.54
	5300	60	a	36Mbps	17.87	21.80
	5320	64	a	36Mbps	17.86	21.74
	5260	52	n (20MHz)	MCS3	17.89	22.18
	5300	60	n (20MHz)	MCS5	17.86	22.21
	5320	64	n (20MHz)	MCS3	17.85	21.70
	5260	52	be (SU) (20MHz)	MCS5	19.03	22.06
	5300	60	be (SU) (20MHz)	MCS5	19.05	22.23
	5320	64	be (SU) (20MHz)	MCS3	19.04	22.58
	5270	54	n (40MHz)	MCS3	36.65	43.63
	5310	62	n (40MHz)	MCS3	36.65	43.05
	5270	54	be (SU) (40MHz)	MCS3	38.06	44.52
	5310	62	be (SU) (40MHz)	MCS5	37.97	43.25
Band 2C	5290	58	ac (80MHz)	MCS5	75.87	81.18
	5290	58	be (SU) (80MHz)	MCS5	77.46	82.22
	5500	100	a	36Mbps	17.85	22.16
	5580	116	a	36Mbps	17.88	22.26
	5720	144	a	36Mbps	17.87	22.18
	5500	100	n (20MHz)	MCS5	17.84	21.48
	5580	116	n (20MHz)	MCS5	17.86	22.29
	5720	144	n (20MHz)	MCS5	17.88	22.12
	5500	100	be (SU) (20MHz)	MCS5	19.04	22.46
	5580	116	be (SU) (20MHz)	MCS5	19.05	22.22
	5720	144	be (SU) (20MHz)	MCS5	19.10	22.42
	5510	102	n (40MHz)	MCS5	36.57	43.18
	5550	110	n (40MHz)	MCS5	36.64	43.30
	5710	142	n (40MHz)	MCS3	36.69	43.66
	5510	102	be (SU) (40MHz)	MCS5	37.99	43.70
	5550	110	be (SU) (40MHz)	MCS5	38.02	43.58
	5710	142	be (SU) (40MHz)	MCS5	38.05	43.46
	5530	106	ac (80MHz)	MCS3	75.92	81.25
	*5610	122	ac (80MHz)	MCS3	75.89	81.13
	5690	138	ac (80MHz)	MCS3	76.03	81.22
	5530	106	be (SU) (80MHz)	MCS0	77.48	82.31
	*5610	122	be (SU) (80MHz)	MCS3	77.48	82.47
	5690	138	be (SU) (80MHz)	MCS0	77.62	82.25
	*5570	114	ac (160MHz)	MCS5	154.81	163.51
	*5570	114	be (SU) (160MHz)	MCS0	156.82	164.61

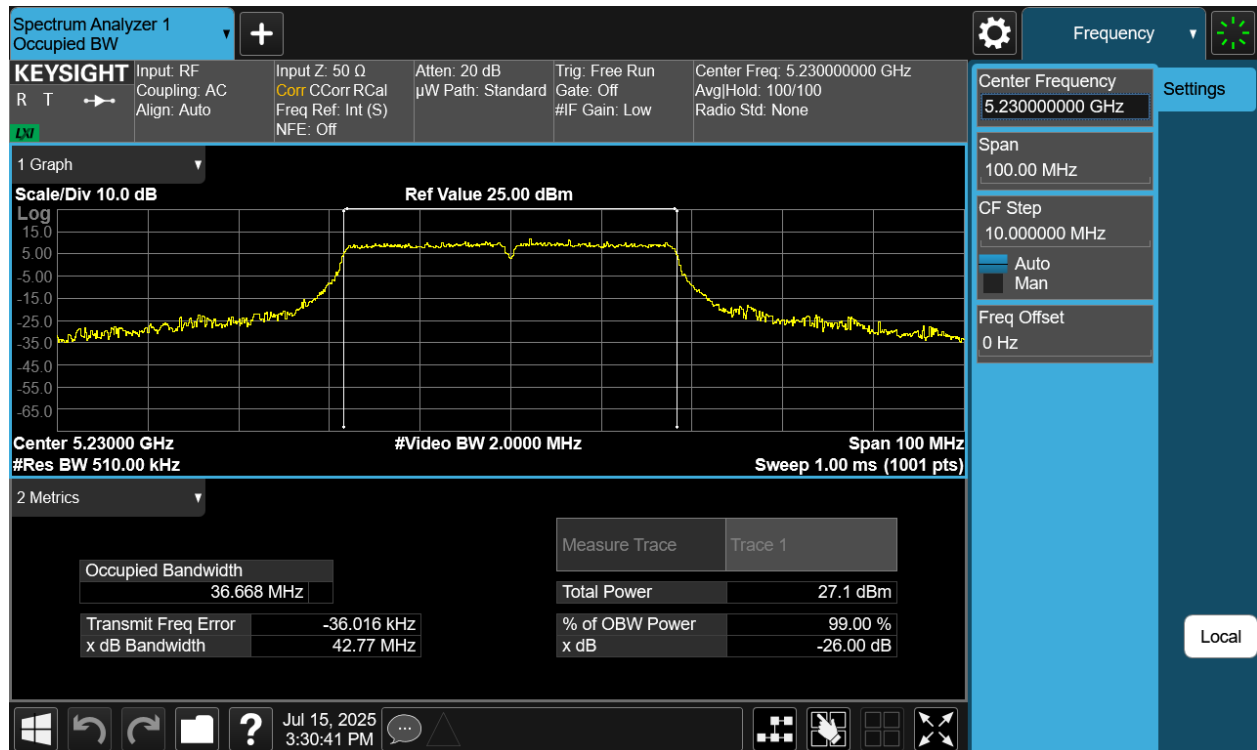
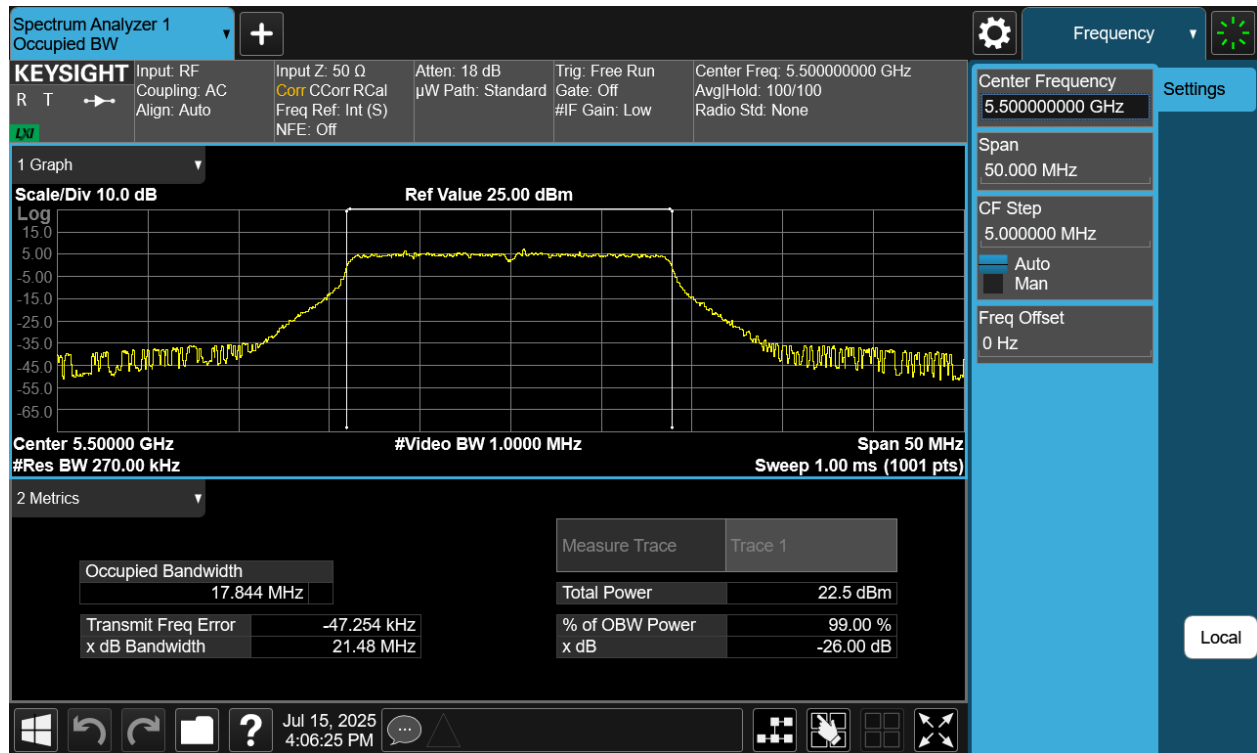
Table 7-3. Conducted Bandwidth Measurements Antenna WF8

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

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7.2.3 Antenna WF7 26dB & 99% Bandwidth Measurements

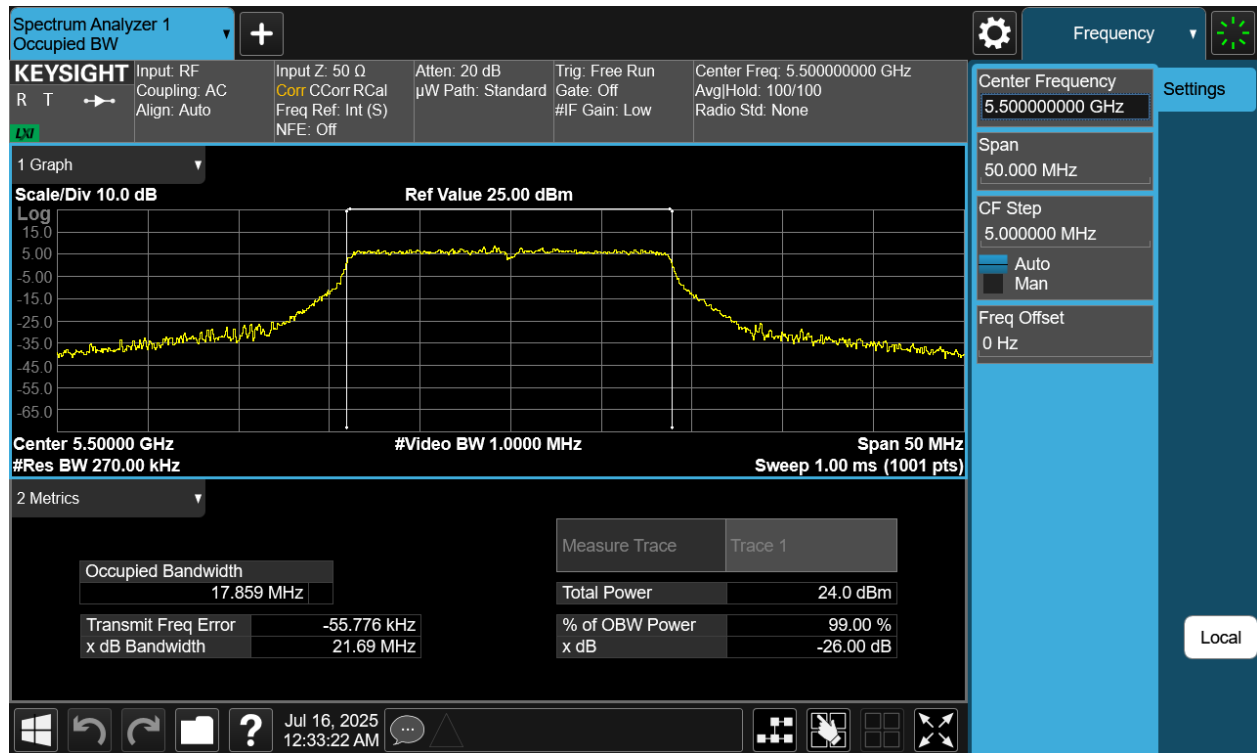
	Frequency [MHz]	Channel	802.11 MODE	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	a	36Mbps	17.87	22.02
	5200	40	a	18Mbps	17.96	22.69
	5240	48	a	36Mbps	17.92	22.82
	5180	36	n (20MHz)	MCS3	17.83	21.77
	5200	40	n (20MHz)	MCS3	17.90	21.79
	5240	48	n (20MHz)	MCS3	17.90	22.23
	5180	36	be (SU) (20MHz)	MCS3	19.09	22.15
	5200	40	be (SU) (20MHz)	MCS5	19.06	22.98
	5240	48	be (SU) (20MHz)	MCS5	19.05	22.66
	5190	38	n (40MHz)	MCS5	36.58	43.28
	5230	46	n (40MHz)	MCS3	36.70	48.27
	5190	38	be (SU) (40MHz)	MCS3	37.99	43.48
	5230	46	be (SU) (40MHz)	MCS3	38.11	44.23
	5210	42	ac (80MHz)	MCS3	75.92	81.20
Band 1/2	5210	42	be (SU) (80MHz)	MCS3	77.47	82.32
	5250	50	ac (160MHz)	MCS5	154.86	163.00
Band 2A	5250	50	be (SU) (160MHz)	MCS3	156.36	164.33
	5260	52	a	36Mbps	17.91	22.38
	5300	60	a	18Mbps	17.95	23.41
	5320	64	a	36Mbps	17.84	22.36
	5260	52	n (20MHz)	MCS5	17.90	22.13
	5300	60	n (20MHz)	MCS3	17.87	22.53
	5320	64	n (20MHz)	MCS5	17.88	22.18
	5260	52	be (SU) (20MHz)	MCS3	19.06	22.58
	5300	60	be (SU) (20MHz)	MCS3	19.06	22.37
	5320	64	be (SU) (20MHz)	MCS3	19.04	22.17
	5270	54	n (40MHz)	MCS3	36.77	43.92
	5310	62	n (40MHz)	MCS3	36.61	43.43
	5270	54	be (SU) (40MHz)	MCS3	38.09	44.88
	5310	62	be (SU) (40MHz)	MCS5	38.03	43.55
	5290	58	ac (80MHz)	MCS5	75.85	81.24
	5290	58	be (SU) (80MHz)	MCS3	77.47	82.26
Band 2C	5500	100	a	18Mbps	17.86	22.53
	5580	116	a	36Mbps	17.92	22.57
	5720	144	a	36Mbps	17.86	22.38
	5500	100	n (20MHz)	MCS5	17.86	21.69
	5580	116	n (20MHz)	MCS3	17.90	22.49
	5720	144	n (20MHz)	MCS5	17.86	21.94
	5500	100	be (SU) (20MHz)	MCS3	19.03	22.27
	5580	116	be (SU) (20MHz)	MCS5	19.06	22.34
	5720	144	be (SU) (20MHz)	MCS3	19.02	22.03
	5510	102	n (40MHz)	MCS3	36.58	43.62
	5550	110	n (40MHz)	MCS5	36.63	43.05
	5710	142	n (40MHz)	MCS5	36.72	43.40
	5510	102	be (SU) (40MHz)	MCS5	38.00	43.65
	5550	110	be (SU) (40MHz)	MCS5	38.03	43.44
	5710	142	be (SU) (40MHz)	MCS5	38.02	43.97
	5530	106	ac (80MHz)	MCS5	75.86	81.05
	*5610	122	ac (80MHz)	MCS5	75.93	81.12
	5690	138	ac (80MHz)	MCS3	75.95	81.28
	5530	106	be (SU) (80MHz)	MCS0	77.49	82.07
	*5610	122	be (SU) (80MHz)	MCS5	77.54	82.16
	5690	138	be (SU) (80MHz)	MCS5	77.50	82.10
	*5570	114	ac (160MHz)	MCS5	154.92	163.08
	*5570	114	be (SU) (160MHz)	MCS3	156.21	164.88

Table 7-4. Conducted Bandwidth Measurements Antenna WF7

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

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-9 26dB BW & 99% OBW Antenna WF7 (20MHz BW 802.11n - Ch.100)

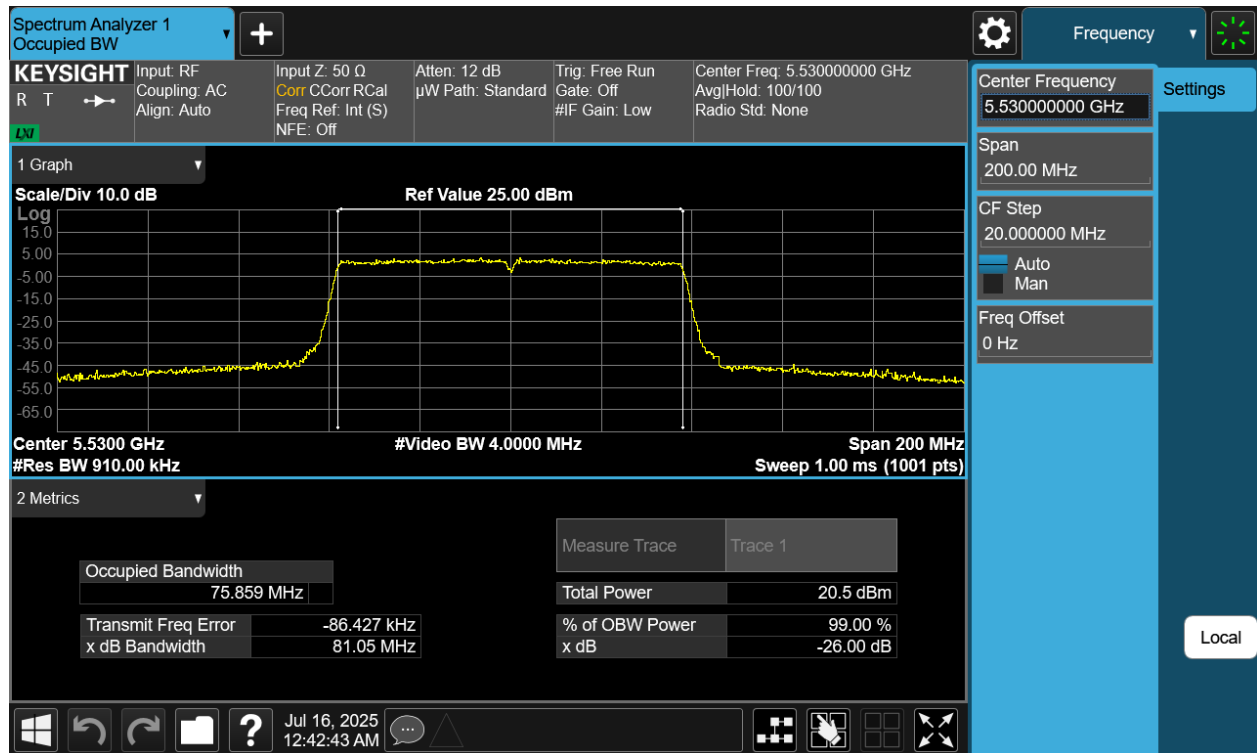


Plot 7-10 26dB BW & 99% OBW Antenna WF7 (40MHz BW 802.11n - Ch.110)

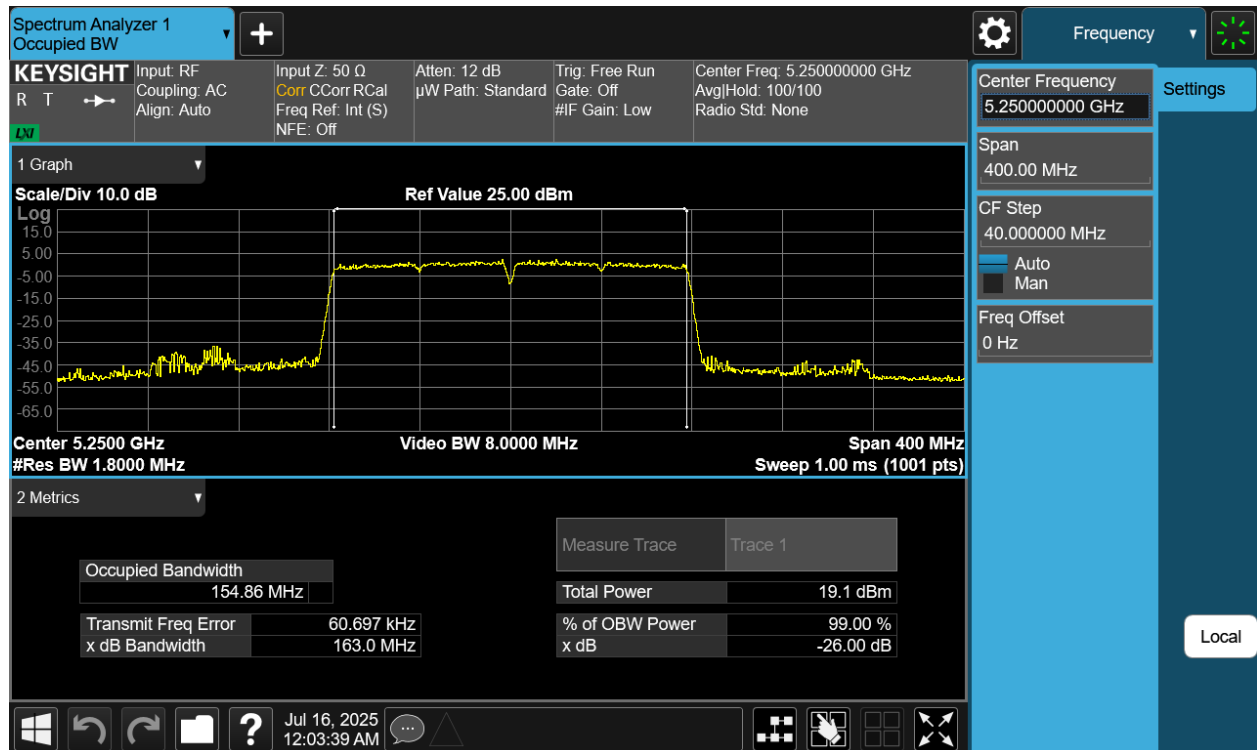
FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 26 of 261

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Plot 7-11 26dB BW & 99% OBW Antenna WF7 (80MHz BW 802.11ac - Ch.106)



Plot 7-12 26dB BW & 99% OBW Antenna WF7 (160MHz BW 802.11ac - Ch.50)

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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 data rates and channels were investigated, and tabular data has been reported. Only the worst-case plot was reported.

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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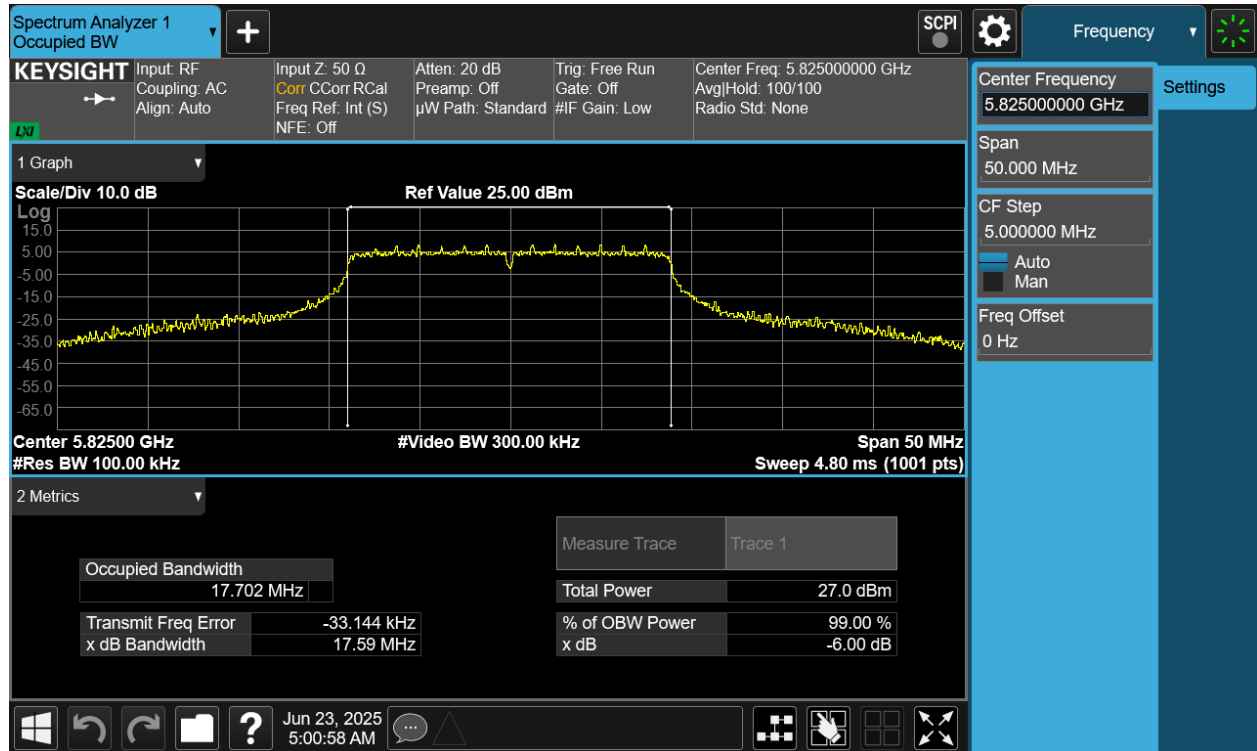
7.3.1 Antenna WF5B 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	a	6Mbps	17.73	17.61	0.50	Pass
	5785	157	a	6Mbps	17.71	17.61	0.50	Pass
	5825	165	a	6Mbps	17.70	17.59	0.50	Pass
	5745	149	n (20MHz)	MCS0	17.72	17.60	0.50	Pass
	5785	157	n (20MHz)	MCS0	17.72	17.60	0.50	Pass
	5825	165	n (20MHz)	MCS0	17.71	17.61	0.50	Pass
	5745	149	be (SU) (20MHz)	MCS0	18.96	19.02	0.50	Pass
	5785	157	be (SU) (20MHz)	MCS0	18.94	19.05	0.50	Pass
	5825	165	be (SU) (20MHz)	MCS0	18.94	19.02	0.50	Pass
	5755	151	n (40MHz)	MCS0	36.28	36.41	0.50	Pass
	5795	159	n (40MHz)	MCS0	36.28	36.41	0.50	Pass
	5755	151	be (SU) (40MHz)	MCS0	37.86	38.17	0.50	Pass
	5795	159	be (SU) (40MHz)	MCS0	37.88	38.19	0.50	Pass
	5775	155	ac (80MHz)	MCS0	75.73	76.46	0.50	Pass
	5775	155	be (SU) (80MHz)	MCS0	77.39	78.25	0.50	Pass

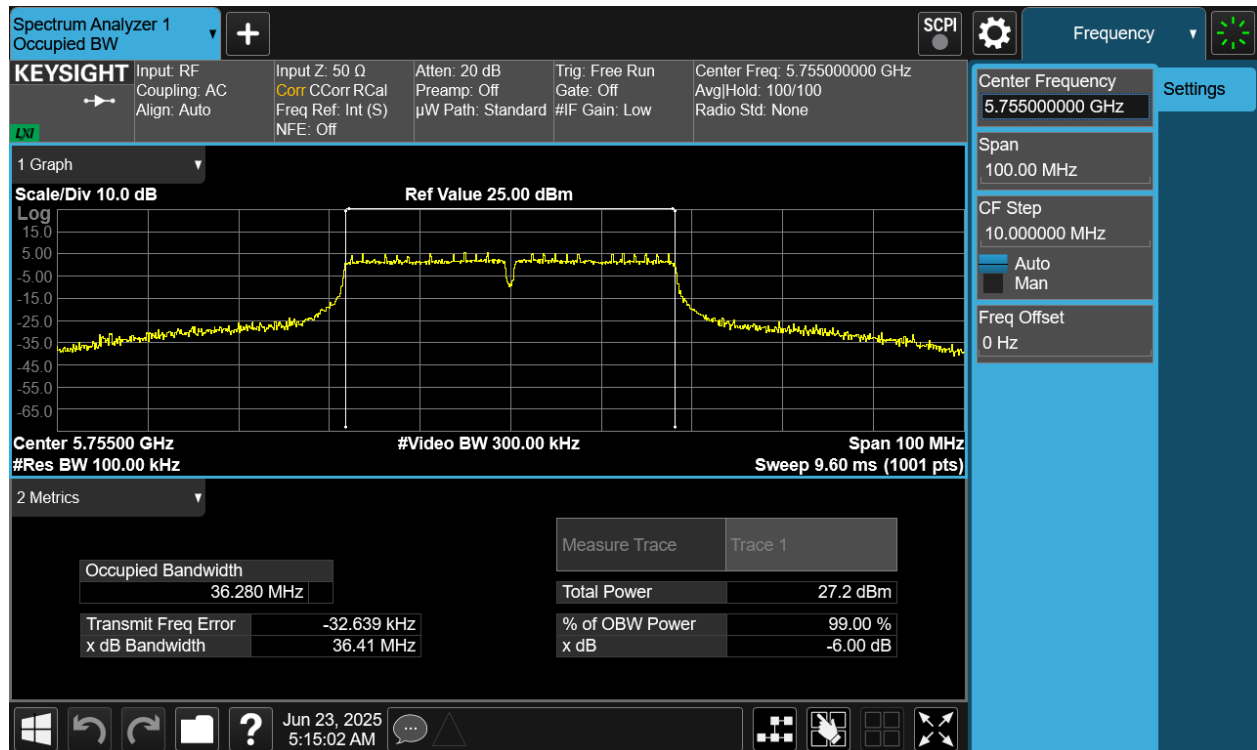
Table 7-5. Conducted Bandwidth Measurements Antenna WF5B

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-13 6dB BW & 99% OBW Antenna WF5B (20MHz BW 802.11a - Ch.165)

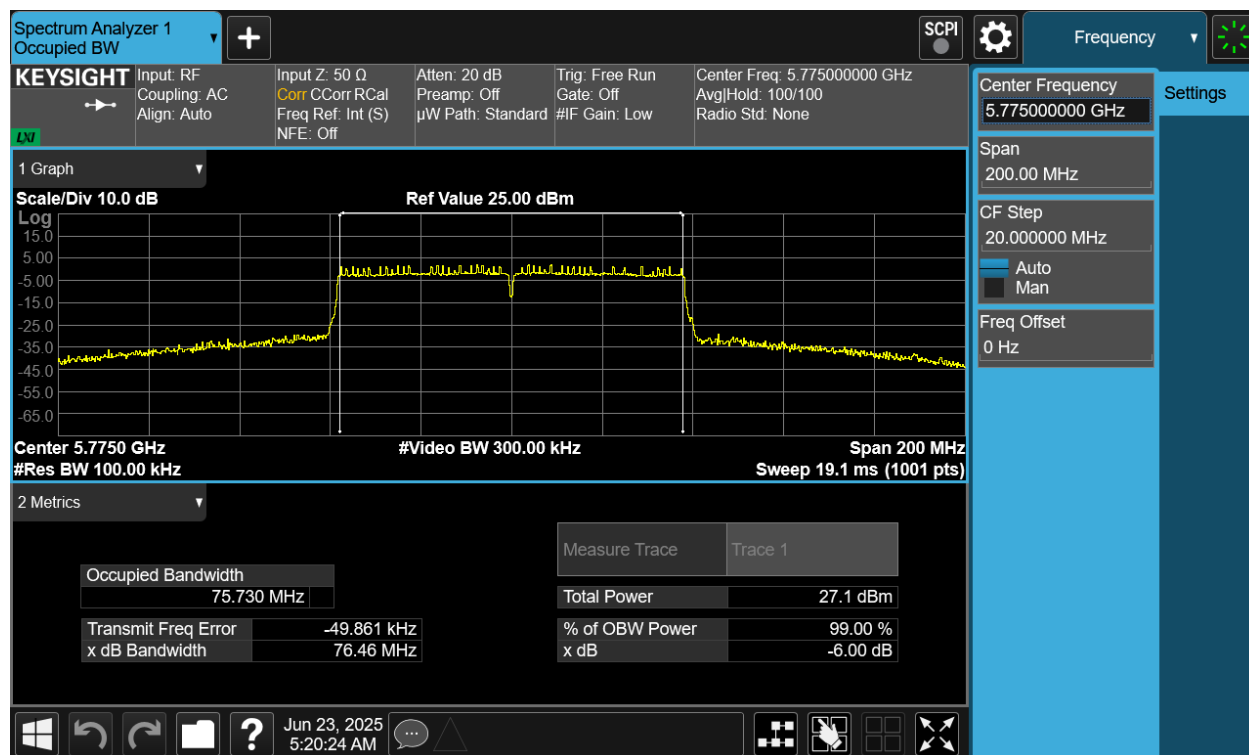


Plot 7-14 6dB BW & 99% OBW Antenna WF5B (40MHz BW 802.11n - Ch.151)

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-15 6dB BW & 99% OBW Antenna WF5B (80MHz BW 802.11ac - Ch.155)

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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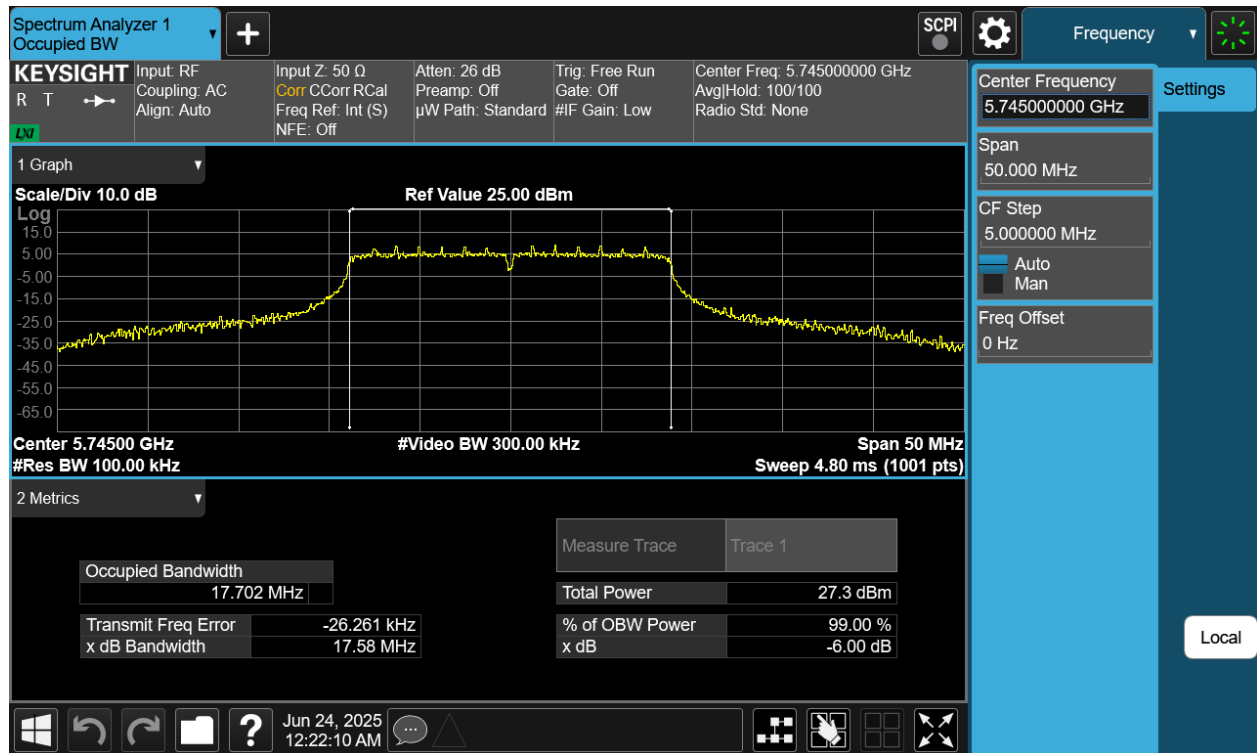
7.3.2 Antenna WF8 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	a	6Mbps	17.71	17.59	0.50	Pass
	5785	157	a	6Mbps	17.71	17.60	0.50	Pass
	5825	165	a	6Mbps	17.72	17.60	0.50	Pass
	5745	149	n (20MHz)	MCS0	17.70	17.58	0.50	Pass
	5785	157	n (20MHz)	MCS0	17.74	17.60	0.50	Pass
	5825	165	n (20MHz)	MCS0	17.72	17.61	0.50	Pass
	5745	149	be (SU) (20MHz)	MCS0	18.95	19.01	0.50	Pass
	5785	157	be (SU) (20MHz)	MCS0	18.96	19.00	0.50	Pass
	5825	165	be (SU) (20MHz)	MCS0	18.96	19.00	0.50	Pass
	5755	151	n (40MHz)	MCS0	36.29	36.41	0.50	Pass
	5795	159	n (40MHz)	MCS0	36.29	36.39	0.50	Pass
	5755	151	be (SU) (40MHz)	MCS0	37.83	38.17	0.50	Pass
	5795	159	be (SU) (40MHz)	MCS0	37.86	38.20	0.50	Pass
	5775	155	ac (80MHz)	MCS0	75.74	76.46	0.50	Pass
	5775	155	be (SU) (80MHz)	MCS0	77.38	78.24	0.50	Pass

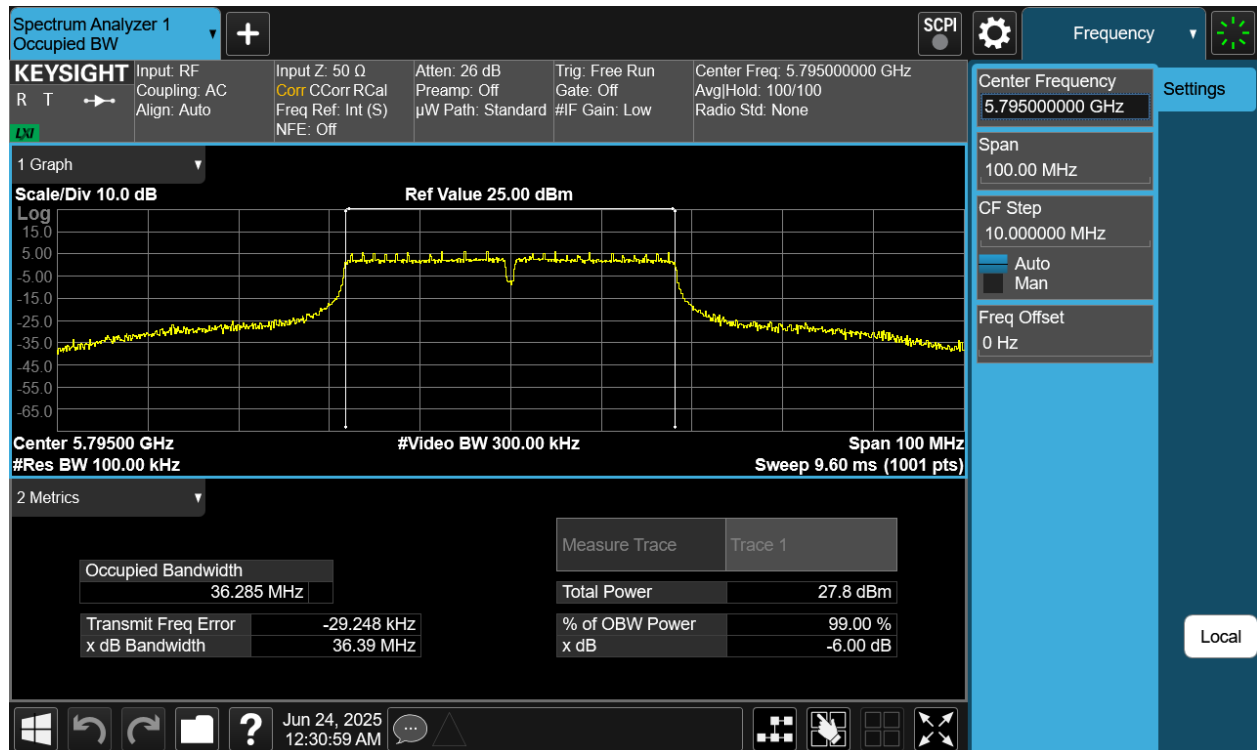
Table 7-6. Conducted Bandwidth Measurements Antenna WF8

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-16 6dB BW & 99% OBW Antenna WF8 (20MHz BW 802.11n - Ch.149)

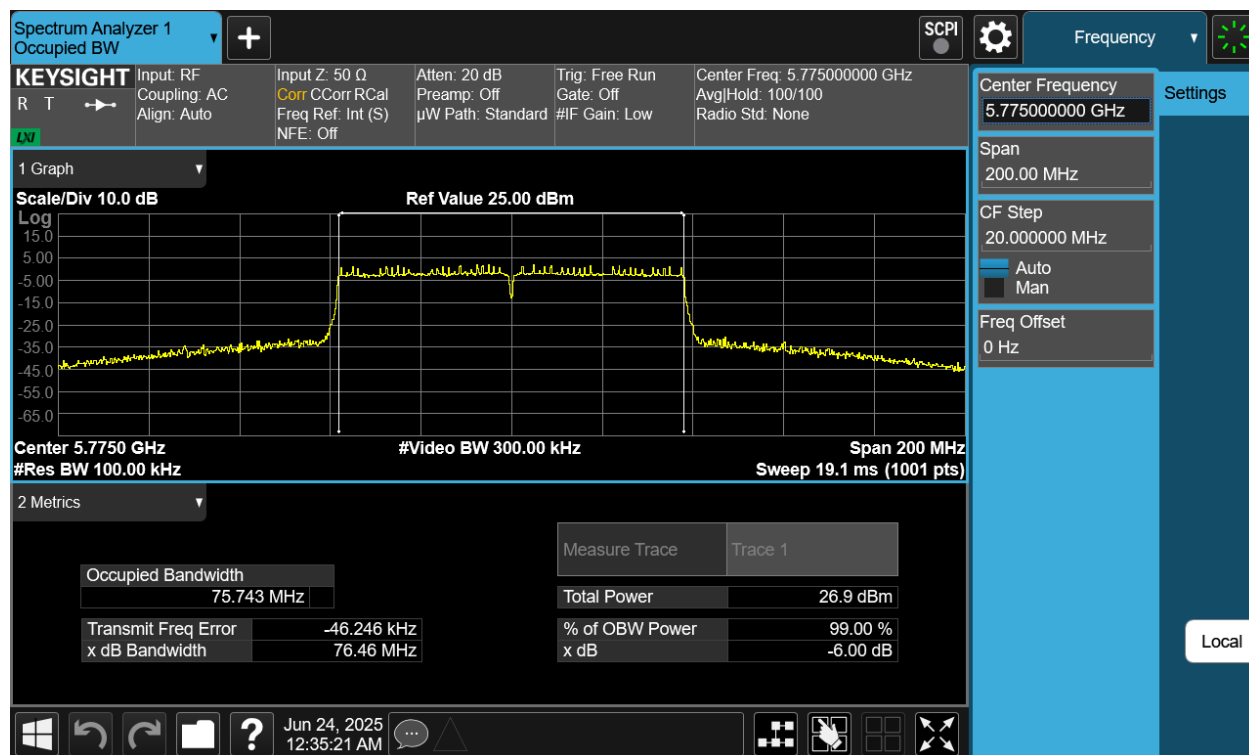


Plot 7-17 6dB BW & 99% OBW Antenna WF8 (40MHz BW 802.11n - Ch.159)

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-18 6dB BW & 99% OBW Antenna WF8 (80MHz BW 802.11ac - Ch.155)

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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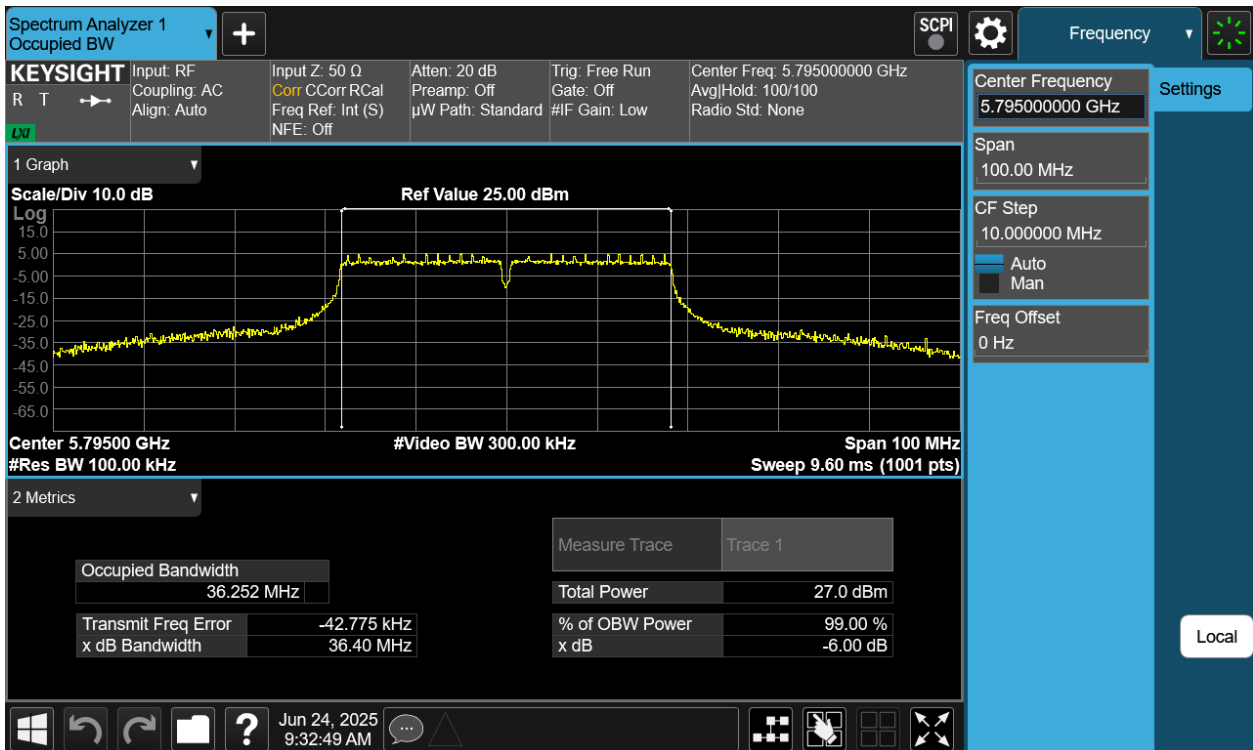
7.3.3 Antenna WF7 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	a	6Mbps	17.69	17.62	0.50	Pass
	5785	157	a	6Mbps	17.72	17.60	0.50	Pass
	5825	165	a	6Mbps	17.71	17.60	0.50	Pass
	5745	149	n (20MHz)	MCS0	17.72	17.60	0.50	Pass
	5785	157	n (20MHz)	MCS0	17.71	17.62	0.50	Pass
	5825	165	n (20MHz)	MCS0	17.71	17.61	0.50	Pass
	5745	149	be (SU) (20MHz)	MCS0	18.95	19.01	0.50	Pass
	5785	157	be (SU) (20MHz)	MCS0	18.96	19.00	0.50	Pass
	5825	165	be (SU) (20MHz)	MCS0	18.96	19.00	0.50	Pass
	5755	151	n (40MHz)	MCS0	36.29	36.41	0.50	Pass
	5795	159	n (40MHz)	MCS0	36.29	36.39	0.50	Pass
	5755	151	be (SU) (40MHz)	MCS0	37.83	38.17	0.50	Pass
	5795	159	be (SU) (40MHz)	MCS0	37.86	38.20	0.50	Pass
	5775	155	ac (80MHz)	MCS0	75.75	76.46	0.50	Pass
	5775	155	be (SU) (80MHz)	MCS0	77.38	78.24	0.50	Pass

Table 7-7. Conducted Bandwidth Measurements Antenna WF7

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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 ISED 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 5.725 – 5.850GHz band, the maximum permissible conducted output power is 1W (30dBm). The maximum e.i.r.p. is 36 dBm.

Test Procedure Used

ANSI C63.10-2020 – Section 12.4.3.2 Method PM-G
KDB 789033 D02 v02r01 – Section E)3)b) Method PM-G
ANSI C63.10-2020 – Section 14.4 Measure-and-Sum Technique
KDB 662911 v02r01 – Section E)1) 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.

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7.4.1 FCC Antenna WF5B Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	6Mbps	18.27	23.98	-5.71
	5200	40	6Mbps	19.95	23.98	-4.03
	5240	48	6Mbps	19.94	23.98	-4.04
	5260	52	18Mbps	19.92	23.98	-4.06
	5300	60	18Mbps	19.88	23.98	-4.10
	5320	64	6Mbps	18.91	23.98	-5.07
	5500	100	18Mbps	16.97	23.98	-7.01
	5520	104	6Mbps	19.77	23.98	-4.21
	5540	108	18Mbps	19.76	23.98	-4.22
	5580	116	6Mbps	19.94	23.98	-4.04
	5660	132	6Mbps	19.90	23.98	-4.08
	5680	136	6Mbps	20.28	23.98	-3.70
	5700	140	6Mbps	19.85	23.98	-4.13
	5720	144	6Mbps	19.99	23.98	-3.99
	5745	149	6Mbps	19.89	30.00	-10.11
	5785	157	18Mbps	19.84	30.00	-10.16
	5825	165	18Mbps	19.95	30.00	-10.05

Table 7-8. FCC Antenna WF5B 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	MCS0	18.26	23.98	-5.72
	5200	40	MCS3	19.86	23.98	-4.12
	5240	48	MCS3	19.82	23.98	-4.16
	5260	52	MCS3	19.95	23.98	-4.03
	5300	60	MCS3	19.95	23.98	-4.03
	5320	64	MCS0	18.91	23.98	-5.07
	5500	100	MCS3	16.89	23.98	-7.09
	5520	104	MCS5	19.85	23.98	-4.13
	5540	108	MCS3	19.81	23.98	-4.17
	5580	116	MCS0	19.92	23.98	-4.06
	5660	132	MCS0	19.86	23.98	-4.12
	5680	136	MCS0	19.81	23.98	-4.17
	5700	140	MCS0	15.34	23.98	-8.64
	5720	144	MCS5	19.93	23.98	-4.05
	5745	149	MCS5	19.94	30.00	-10.06
	5785	157	MCS3	19.92	30.00	-10.08
	5825	165	MCS3	19.91	30.00	-10.09

Table 7-9. FCC Antenna WF5B 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	MCS3	16.90	23.98	-7.08
	5200	40	MCS0	19.91	23.98	-4.07
	5240	48	MCS0	19.86	23.98	-4.12
	5260	52	MCS5	19.87	23.98	-4.11
	5300	60	MCS5	19.86	23.98	-4.12
	5320	64	MCS0	17.99	23.98	-5.99
	5500	100	MCS0	16.87	23.98	-7.11
	5520	104	MCS5	19.83	23.98	-4.15
	5540	108	MCS3	19.76	23.98	-4.22
	5580	116	MCS3	19.85	23.98	-4.13
	5660	132	MCS0	19.87	23.98	-4.11
	5680	136	MCS0	19.81	23.98	-4.17
	5700	140	MCS0	14.45	23.98	-9.53
	5720	144	MCS3	19.88	23.98	-4.10
	5745	149	MCS5	19.95	30.00	-10.05
	5785	157	MCS0	19.98	30.00	-10.03
	5825	165	MCS0	19.92	30.00	-10.09

Table 7-10. FCC Antenna WF5B 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	MCS0	15.38	23.98	-8.60
	5230	46	MCS0	19.82	23.98	-4.16
	5270	54	MCS3	19.89	23.98	-4.09
	5310	62	MCS0	16.23	23.98	-7.75
	5510	102	MCS0	15.41	23.98	-8.57
	5550	110	MCS0	19.63	23.98	-4.35
	5590	118	MCS5	19.96	23.98	-4.02
	5630	126	MCS5	19.97	23.98	-4.01
	5670	134	MCS0	17.86	23.98	-6.12
	5710	142	MCS3	19.93	23.98	-4.05
	5755	151	MCS5	19.91	30.00	-10.09
	5795	159	MCS0	20.00	30.00	-10.01

Table 7-11. FCC Antenna WF5B 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 40 of 261

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	MCS0	13.92	23.98	-10.06
	5230	46	MCS3	19.80	23.98	-4.18
	5270	54	MCS3	19.66	23.98	-4.32
	5310	62	MCS0	15.74	23.98	-8.24
	5510	102	MCS0	14.12	23.98	-9.86
	5550	110	MCS0	19.14	23.98	-4.84
	5590	118	MCS0	19.82	23.98	-4.16
	5630	126	MCS5	19.95	23.98	-4.03
	5670	134	MCS0	17.65	23.98	-6.33
	5710	142	MCS3	19.87	23.98	-4.11
	5755	151	MCS3	19.93	30.00	-10.07
	5795	159	MCS3	19.78	30.00	-10.22

Table 7-12. FCC Antenna WF5B 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	MCS0	13.76	23.98	-10.22
	5290	58	MCS0	14.94	23.98	-9.04
	5530	106	MCS0	14.66	23.98	-9.32
	5610	122	MCS3	18.72	23.98	-5.26
	5690	138	MCS0	19.97	23.98	-4.01
	5775	155	MCS0	19.26	30.00	-10.74

Table 7-13. FCC Antenna WF5B 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	MCS0	13.33	23.98	-10.65
	5290	58	MCS0	14.80	23.98	-9.18
	5530	106	MCS0	14.29	23.98	-9.69
	5610	122	MCS0	18.31	23.98	-5.67
	5690	138	MCS3	19.93	23.98	-4.05
	5775	155	MCS0	17.87	30.00	-12.13

Table 7-14. FCC Antenna WF5B 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	MCS5	11.38	23.98	-12.60
	5570	114	MCS0	13.44	23.98	-10.54

Table 7-15. FCC Antenna WF5B 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 41 of 261

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5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	MCS5	11.16	23.98	-12.82
	5570	114	MCS0	13.32	23.98	-10.66

Table 7-16. FCC Antenna WF5B 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 42 of 261

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7.4.2 ISED Antenna WF5B Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	6Mbps	17.86	-	-	1.40	19.26	23.01	-3.75
	5200	40	18Mbps	18.52	-	-	1.40	19.92	23.01	-3.09
	5240	48	18Mbps	18.70	-	-	1.40	20.10	23.01	-2.91
	5260	52	18Mbps	19.92	23.98	-4.06	1.10	21.02	30.00	-8.98
	5300	60	18Mbps	19.88	23.98	-4.10	1.10	20.98	30.00	-9.02
	5320	64	6Mbps	18.91	23.98	-5.07	1.10	20.01	30.00	-9.99
	5500	100	18Mbps	16.97	23.98	-7.01	1.10	18.07	30.00	-11.93
	5520	104	6Mbps	19.77	23.98	-4.21	1.10	20.87	30.00	-9.13
	5540	108	18Mbps	19.76	23.98	-4.22	1.10	20.86	30.00	-9.14
	5580	116	6Mbps	19.94	23.98	-4.04	1.10	21.04	30.00	-8.96
	5660	132	6Mbps	19.90	23.98	-4.08	1.10	21.00	30.00	-9.00
	5680	136	6Mbps	20.28	23.98	-3.70	1.10	21.38	30.00	-8.62
	5700	140	6Mbps	19.85	23.98	-4.13	1.10	20.95	30.00	-9.06
	5720	144	6Mbps	19.99	23.98	-3.99	1.10	21.09	30.00	-8.91
	5745	149	6Mbps	19.89	30.00	-10.11	0.80	20.69	-	-
	5785	157	18Mbps	19.84	30.00	-10.16	0.80	20.64	-	-
	5825	165	18Mbps	19.95	30.00	-10.05	0.80	20.75	-	-

Table 7-17. ISED Antenna WF5B 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	17.89	-	-	1.40	19.29	23.01	-3.72
	5200	40	MCS0	18.87	-	-	1.40	20.27	23.01	-2.74
	5240	48	MCS3	18.76	-	-	1.40	20.16	23.01	-2.85
	5260	52	MCS3	19.95	23.98	-4.03	1.10	21.05	30.00	-8.95
	5300	60	MCS3	19.95	23.98	-4.03	1.10	21.05	30.00	-8.95
	5320	64	MCS0	18.91	23.98	-5.07	1.10	20.01	30.00	-9.99
	5500	100	MCS3	16.89	23.98	-7.09	1.10	17.99	30.00	-12.01
	5520	104	MCS5	19.85	23.98	-4.13	1.10	20.95	30.00	-9.05
	5540	108	MCS3	19.81	23.98	-4.17	1.10	20.91	30.00	-9.10
	5580	116	MCS0	19.92	23.98	-4.06	1.10	21.02	30.00	-8.98
	5660	132	MCS0	19.86	23.98	-4.12	1.10	20.96	30.00	-9.04
	5680	136	MCS0	19.81	23.98	-4.17	1.10	20.91	30.00	-9.09
	5700	140	MCS0	15.34	23.98	-8.64	1.10	16.44	30.00	-13.56
	5720	144	MCS5	19.93	23.98	-4.05	1.10	21.03	30.00	-8.97
	5745	149	MCS5	19.94	30.00	-10.06	0.80	20.74	-	-
	5785	157	MCS3	19.92	30.00	-10.08	0.80	20.72	-	-
	5825	165	MCS3	19.91	30.00	-10.09	0.80	20.71	-	-

Table 7-18. ISED Antenna WF5B 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS3	16.96	-	-	1.40	18.36	23.01	-4.65
	5200	40	MCS0	18.83	-	-	1.40	20.23	23.01	-2.78
	5240	48	MCS0	18.82	-	-	1.40	20.22	23.01	-2.79
	5260	52	MCS5	19.87	23.98	-4.11	1.10	20.97	30.00	-9.03
	5300	60	MCS5	19.86	23.98	-4.12	1.10	20.96	30.00	-9.04
	5320	64	MCS0	17.99	23.98	-5.99	1.10	19.09	30.00	-10.91
	5500	100	MCS0	16.87	23.98	-7.11	1.10	17.97	30.00	-12.03
	5520	104	MCS5	19.83	23.98	-4.15	1.10	20.93	30.00	-9.07
	5540	108	MCS3	19.76	23.98	-4.22	1.10	20.86	30.00	-9.14
	5580	116	MCS3	19.85	23.98	-4.13	1.10	20.95	30.00	-9.05
	5660	132	MCS0	19.87	23.98	-4.11	1.10	20.97	30.00	-9.03
	5680	136	MCS0	19.81	23.98	-4.17	1.10	20.91	30.00	-9.09
	5700	140	MCS0	14.45	23.98	-9.53	1.10	15.55	30.00	-14.45
	5720	144	MCS3	19.88	23.98	-4.10	1.10	20.98	30.00	-9.02
	5745	149	MCS5	19.95	30.00	-10.05	0.80	20.75	-	-
	5785	157	MCS0	19.98	30.00	-10.03	0.80	20.78	-	-
	5825	165	MCS0	19.92	30.00	-10.09	0.80	20.72	-	-

Table 7-19. ISED Antenna WF5B 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 43 of 261

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	15.38	-	-	1.40	16.78	23.01	-6.23
	5230	46	MCS5	19.82	-	-	1.40	21.22	23.01	-1.79
	5270	54	MCS3	19.89	23.98	-4.09	1.10	20.99	30.00	-9.02
	5310	62	MCS0	16.23	23.98	-7.75	1.10	17.33	30.00	-12.67
	5510	102	MCS0	15.41	23.98	-8.57	1.10	16.51	30.00	-13.49
	5550	110	MCS0	19.63	23.98	-4.35	1.10	20.73	30.00	-9.27
	5670	134	MCS0	17.86	23.98	-6.12	1.10	18.96	30.00	-11.04
	5710	142	MCS3	19.93	23.98	-4.05	1.10	21.03	30.00	-8.97
	5755	151	MCS5	19.91	30.00	-10.09	0.80	20.71	-	-
	5795	159	MCS0	20.00	30.00	-10.01	0.80	20.80	-	-

Table 7-20. ISED Antenna WF5B 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	13.92	-	-	1.40	15.32	23.01	-7.69
	5230	46	MCS5	19.80	-	-	1.40	21.20	23.01	-1.81
	5270	54	MCS0	19.66	23.98	-4.32	1.10	20.76	30.00	-9.24
	5310	62	MCS0	15.74	23.98	-8.24	1.10	16.84	30.00	-13.17
	5510	102	MCS0	14.12	23.98	-9.86	1.10	15.22	30.00	-14.78
	5550	110	MCS0	19.14	23.98	-4.84	1.10	20.24	30.00	-9.76
	5670	134	MCS0	17.65	23.98	-6.33	1.10	18.75	30.00	-11.25
	5710	142	MCS5	19.87	23.98	-4.11	1.10	20.97	30.00	-9.03
	5755	151	MCS5	19.93	30.00	-10.07	0.80	20.73	-	-
	5795	159	MCS0	19.78	30.00	-10.22	0.80	20.58	-	-

Table 7-21. ISED Antenna WF5B 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	13.76	-	-	1.40	15.16	23.01	-7.85
	5290	58	MCS0	14.94	23.98	-9.04	1.10	16.04	30.00	-13.96
	5530	106	MCS0	14.66	23.98	-9.32	1.10	15.76	30.00	-14.24
	5690	138	MCS0	19.97	23.98	-4.01	1.10	21.07	30.00	-8.93
	5775	155	MCS0	19.26	30.00	-10.74	0.80	20.06	-	-

Table 7-22. ISED Antenna WF5B 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	13.33	-	-	1.40	14.73	23.01	-8.28
	5290	58	MCS0	14.80	23.98	-9.18	1.10	15.90	30.00	-14.10
	5530	106	MCS0	14.29	23.98	-9.69	1.10	15.39	30.00	-14.61
	5690	138	MCS3	19.93	23.98	-4.05	1.10	21.03	30.00	-8.98
	5775	155	MCS0	17.87	30.00	-12.13	0.80	18.67	-	-

Table 7-23. ISED Antenna WF5B 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS5	11.38	23.98	-12.60	1.40	12.78	23.01	-10.23

Table 7-24. ISED Antenna WF5B 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS5	11.16	23.98	-12.82	1.40	12.56	23.01	-10.45

Table 7-25. ISED Antenna WF5B 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 44 of 261

7.4.3 FCC Antenna WF8 Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	6Mbps	18.26	23.98	-5.72
	5200	40	18Mbps	20.50	23.98	-3.48
	5240	48	18Mbps	20.47	23.98	-3.51
	5260	52	36Mbps	20.36	23.98	-3.62
	5300	60	6Mbps	20.40	23.98	-3.58
	5320	64	6Mbps	18.82	23.98	-5.16
	5500	100	6Mbps	17.21	23.98	-6.77
	5520	104	6Mbps	20.48	23.98	-3.50
	5540	108	36Mbps	20.40	23.98	-3.58
	5580	116	36Mbps	20.38	23.98	-3.60
	5660	132	18Mbps	20.47	23.98	-3.51
	5680	136	18Mbps	20.38	23.98	-3.60
	5700	140	6Mbps	15.35	23.98	-8.63
	5720	144	18Mbps	20.35	23.98	-3.63
	5745	149	18Mbps	20.40	30.00	-9.60
	5785	157	18Mbps	20.38	30.00	-9.62
	5825	165	18Mbps	20.44	30.00	-9.56

Table 7-26. FCC Antenna WF8 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	MCS0	18.28	23.98	-5.70
	5200	40	MCS3	20.31	23.98	-3.67
	5240	48	MCS3	20.33	23.98	-3.65
	5260	52	MCS5	20.43	23.98	-3.55
	5300	60	MCS5	20.45	23.98	-3.53
	5320	64	MCS0	18.77	23.98	-5.21
	5500	100	MCS0	17.22	23.98	-6.76
	5520	104	MCS0	20.48	23.98	-3.50
	5540	108	MCS0	20.37	23.98	-3.61
	5580	116	MCS5	20.46	23.98	-3.52
	5660	132	MCS3	20.30	23.98	-3.68
	5680	136	MCS0	20.50	23.98	-3.48
	5700	140	MCS0	15.31	23.98	-8.67
	5720	144	MCS0	20.48	23.98	-3.50
	5745	149	MCS3	20.43	30.00	-9.57
	5785	157	MCS3	20.46	30.00	-9.54
	5825	165	MCS3	20.49	30.00	-9.51

Table 7-27. FCC Antenna WF8 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 45 of 261

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	MCS3	16.97	23.98	-7.01
	5200	40	MCS0	20.48	23.98	-3.50
	5240	48	MCS0	20.45	23.98	-3.53
	5260	52	MCS5	20.48	23.98	-3.50
	5300	60	MCS5	20.48	23.98	-3.50
	5320	64	MCS0	17.85	23.98	-6.13
	5500	100	MCS3	16.99	23.98	-6.99
	5520	104	MCS0	20.47	23.98	-3.51
	5540	108	MCS3	20.50	23.98	-3.48
	5580	116	MCS5	20.44	23.98	-3.54
	5660	132	MCS5	20.44	23.98	-3.54
	5680	136	MCS0	20.45	23.98	-3.53
	5700	140	MCS0	14.82	23.98	-9.16
	5720	144	MCS3	20.48	23.98	-3.50
	5745	149	MCS3	20.47	30.00	-9.53
	5785	157	MCS3	20.45	30.00	-9.55
	5825	165	MCS3	20.50	30.00	-9.50

Table 7-28. FCC Antenna WF8 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	MCS0	15.96	23.98	-8.02
	5230	46	MCS5	19.86	23.98	-4.12
	5270	54	MCS5	20.41	23.98	-3.57
	5310	62	MCS0	16.39	23.98	-7.59
	5510	102	MCS3	15.44	23.98	-8.54
	5550	110	MCS0	19.79	23.98	-4.19
	5590	118	MCS3	20.39	23.98	-3.59
	5630	126	MCS3	20.31	23.98	-3.67
	5670	134	MCS0	18.17	23.98	-5.81
	5710	142	MCS0	20.39	23.98	-3.59
	5755	151	MCS5	20.35	30.00	-9.65
	5795	159	MCS3	20.36	30.00	-9.64

Table 7-29. FCC Antenna WF8 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 46 of 261

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	MCS5	13.79	23.98	-10.19
	5230	46	MCS3	19.89	23.98	-4.09
	5270	54	MCS3	20.34	23.98	-3.64
	5310	62	MCS0	15.81	23.98	-8.17
	5510	102	MCS0	14.35	23.98	-9.63
	5550	110	MCS0	19.13	23.98	-4.85
	5590	118	MCS3	20.26	23.98	-3.72
	5630	126	MCS3	20.29	23.98	-3.69
	5670	134	MCS0	17.64	23.98	-6.34
	5710	142	MCS5	20.47	23.98	-3.51
	5755	151	MCS3	20.15	30.00	-9.85
	5795	159	MCS3	20.31	30.00	-9.69

Table 7-30. FCC Antenna WF8 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	MCS0	13.97	23.98	-10.01
	5290	58	MCS0	14.94	23.98	-9.04
	5530	106	MCS0	14.96	23.98	-9.02
	5610	122	MCS0	19.04	23.98	-4.94
	5690	138	MCS0	20.33	23.98	-3.65
	5775	155	MCS0	19.21	30.00	-10.80

Table 7-31. FCC Antenna WF8 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	MCS0	13.25	23.98	-10.73
	5290	58	MCS0	14.63	23.98	-9.35
	5530	106	MCS0	14.09	23.98	-9.89
	5610	122	MCS0	18.45	23.98	-5.53
	5690	138	MCS5	20.48	23.98	-3.50
	5775	155	MCS3	18.44	30.00	-11.56

Table 7-32. FCC Antenna WF8 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	MCS5	11.28	23.98	-12.70
	5570	114	MCS3	13.25	23.98	-10.73

Table 7-33. FCC Antenna WF8 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device		Page 47 of 261

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5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	MCS5	11.28	23.98	-12.70
	5570	114	MCS3	13.11	23.98	-10.87

Table 7-34. FCC Antenna WF8 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 48 of 261

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7.4.4 ISED Antenna WF8 Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	6Mbps	17.41	-	-	2.00	19.41	23.01	-3.60
	5200	40	18Mbps	18.27	-	-	2.00	20.27	23.01	-2.75
	5240	48	36Mbps	18.28	-	-	2.00	20.28	23.01	-2.73
	5260	52	36Mbps	20.36	23.98	-3.62	2.40	22.76	30.00	-7.24
	5300	60	6Mbps	20.40	23.98	-3.58	2.40	22.80	30.00	-7.20
	5320	64	6Mbps	18.82	23.98	-5.16	2.40	21.22	30.00	-8.79
	5500	100	6Mbps	17.21	23.98	-6.77	2.10	19.31	30.00	-10.69
	5520	104	6Mbps	20.48	23.98	-3.50	2.10	22.58	30.00	-7.42
	5540	108	36Mbps	20.40	23.98	-3.58	2.10	22.50	30.00	-7.50
	5580	116	36Mbps	20.38	23.98	-3.60	2.10	22.48	30.00	-7.52
	5660	132	18Mbps	20.47	23.98	-3.51	2.10	22.57	30.00	-7.43
	5680	136	18Mbps	20.38	23.98	-3.60	2.10	22.48	30.00	-7.52
	5700	140	6Mbps	15.35	23.98	-8.63	2.10	17.45	30.00	-12.56
	5720	144	18Mbps	20.35	23.98	-3.63	2.10	22.45	30.00	-7.55
	5745	149	18Mbps	20.40	30.00	-9.60	1.30	21.70	-	-
	5785	157	18Mbps	20.38	30.00	-9.62	1.30	21.68	-	-
	5825	165	18Mbps	20.44	30.00	-9.56	1.30	21.74	-	-

Table 7-35. ISED Antenna WF8 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS3	17.35	-	-	2.00	19.35	23.01	-3.66
	5200	40	MCS0	18.17	-	-	2.00	20.17	23.01	-2.84
	5240	48	MCS5	18.16	-	-	2.00	20.16	23.01	-2.85
	5260	52	MCS5	20.43	23.98	-3.55	2.40	22.83	30.00	-7.17
	5300	60	MCS5	20.45	23.98	-3.53	2.40	22.85	30.00	-7.16
	5320	64	MCS0	18.77	23.98	-5.21	2.40	21.17	30.00	-8.83
	5500	100	MCS0	17.22	23.98	-6.76	2.10	19.32	30.00	-10.68
	5520	104	MCS0	20.48	23.98	-3.50	2.10	22.58	30.00	-7.42
	5540	108	MCS0	20.37	23.98	-3.61	2.10	22.47	30.00	-7.53
	5580	116	MCS5	20.46	23.98	-3.52	2.10	22.56	30.00	-7.44
	5660	132	MCS3	20.30	23.98	-3.68	2.10	22.40	30.00	-7.60
	5680	136	MCS0	20.50	23.98	-3.48	2.10	22.60	30.00	-7.40
	5700	140	MCS0	15.31	23.98	-8.67	2.10	17.41	30.00	-12.59
	5720	144	MCS0	20.48	23.98	-3.50	2.10	22.58	30.00	-7.42
	5745	149	MCS3	20.43	30.00	-9.57	1.30	21.73	-	-
	5785	157	MCS3	20.46	30.00	-9.54	1.30	21.76	-	-
	5825	165	MCS3	20.49	30.00	-9.51	1.30	21.79	-	-

Table 7-36. ISED Antenna WF8 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	16.91	-	-	2.00	18.91	23.01	-4.10
	5200	40	MCS0	18.35	-	-	2.00	20.35	23.01	-2.66
	5240	48	MCS3	18.22	-	-	2.00	20.22	23.01	-2.79
	5260	52	MCS5	20.48	23.98	-3.50	2.40	22.88	30.00	-7.12
	5300	60	MCS5	20.48	23.98	-3.50	2.40	22.88	30.00	-7.12
	5320	64	MCS0	17.85	23.98	-6.13	2.40	20.25	30.00	-9.75
	5500	100	MCS3	16.99	23.98	-6.99	2.10	19.09	30.00	-10.91
	5520	104	MCS0	20.47	23.98	-3.51	2.10	22.57	30.00	-7.43
	5540	108	MCS3	20.50	23.98	-3.48	2.10	22.60	30.00	-7.40
	5580	116	MCS5	20.44	23.98	-3.54	2.10	22.54	30.00	-7.46
	5660	132	MCS5	20.44	23.98	-3.54	2.10	22.54	30.00	-7.46
	5680	136	MCS0	20.45	23.98	-3.53	2.10	22.55	30.00	-7.45
	5700	140	MCS0	14.82	23.98	-9.16	2.10	16.92	30.00	-13.08
	5720	144	MCS3	20.48	23.98	-3.50	2.10	22.58	30.00	-7.42
	5745	149	MCS3	20.47	30.00	-9.53	1.30	21.77	-	-
	5785	157	MCS3	20.45	30.00	-9.55	1.30	21.75	-	-
	5825	165	MCS3	20.50	30.00	-9.50	1.30	21.80	-	-

Table 7-37. ISED Antenna WF8 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 49 of 261

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	15.96	-	-	2.00	17.96	23.01	-5.05
	5230	46	MCS5	19.86	-	-	2.00	21.86	23.01	-1.15
	5270	54	MCS5	20.41	23.98	-3.57	2.40	22.81	30.00	-7.19
	5310	62	MCS0	16.39	23.98	-7.59	2.40	18.79	30.00	-11.21
	5510	102	MCS3	15.44	23.98	-8.54	2.10	17.54	30.00	-12.46
	5550	110	MCS0	19.79	23.98	-4.19	2.10	21.89	30.00	-8.11
	5670	134	MCS0	18.17	23.98	-5.81	2.10	20.27	30.00	-9.73
	5710	142	MCS0	20.39	23.98	-3.59	2.10	22.49	30.00	-7.51
	5755	151	MCS5	20.35	30.00	-9.65	1.30	21.65	-	-
	5795	159	MCS3	20.36	30.00	-9.64	1.30	21.66	-	-

Table 7-38. ISED Antenna WF8 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS3	13.79	-	-	2.00	15.79	23.01	-7.23
	5230	46	MCS0	19.89	-	-	2.00	21.89	23.01	-1.12
	5270	54	MCS5	20.34	23.98	-3.64	2.40	22.74	30.00	-7.26
	5310	62	MCS0	15.81	23.98	-8.17	2.40	18.21	30.00	-11.80
	5510	102	MCS0	14.35	23.98	-9.63	2.10	16.45	30.00	-13.55
	5550	110	MCS0	19.13	23.98	-4.85	2.10	21.23	30.00	-8.77
	5670	134	MCS0	17.64	23.98	-6.34	2.10	19.74	30.00	-10.26
	5710	142	MCS5	20.47	23.98	-3.51	2.10	22.57	30.00	-7.43
	5755	151	MCS5	20.15	30.00	-9.85	1.30	21.45	-	-
	5795	159	MCS5	20.31	30.00	-9.69	1.30	21.61	-	-

Table 7-39. ISED Antenna WF8 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	13.97	-	-	2.00	15.97	23.01	-7.05
	5290	58	MCS0	14.94	23.98	-9.04	2.40	17.34	30.00	-12.66
	5530	106	MCS0	14.96	23.98	-9.02	2.10	17.06	30.00	-12.95
	5690	138	MCS0	20.33	23.98	-3.65	2.10	22.43	30.00	-7.57
	5775	155	MCS0	19.21	30.00	-10.80	1.30	20.51	-	-

Table 7-40. ISED Antenna WF8 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	13.25	-	-	2.00	15.25	23.01	-7.76
	5290	58	MCS0	14.63	23.98	-9.35	2.40	17.03	30.00	-12.97
	5530	106	MCS0	14.09	23.98	-9.89	2.10	16.19	30.00	-13.81
	5690	138	MCS5	20.48	23.98	-3.50	2.10	22.58	30.00	-7.42
	5775	155	MCS3	18.44	30.00	-11.56	1.30	19.74	-	-

Table 7-41. ISED Antenna WF8 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS5	11.28	23.98	-12.70	2.00	13.28	23.01	-9.73

Table 7-42. ISED Antenna WF8 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS5	11.28	23.98	-12.70	2.00	13.28	23.01	-9.73

Table 7-43. ISED Antenna WF8 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.4.5 FCC Antenna WF7 Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	6Mbps	18.17	23.98	-5.81
	5200	40	18Mbps	20.00	23.98	-3.98
	5240	48	36Mbps	19.87	23.98	-4.11
	5260	52	18Mbps	19.97	23.98	-4.01
	5300	60	36Mbps	19.98	23.98	-4.00
	5320	64	6Mbps	18.93	23.98	-5.05
	5500	100	18Mbps	16.89	23.98	-7.09
	5520	104	18Mbps	19.91	23.98	-4.07
	5540	108	18Mbps	19.86	23.98	-4.12
	5580	116	18Mbps	20.00	23.98	-3.98
	5660	132	6Mbps	19.97	23.98	-4.01
	5680	136	6Mbps	19.97	23.98	-4.01
	5700	140	6Mbps	19.96	23.98	-4.02
	5720	144	18Mbps	19.95	23.98	-4.03
	5745	149	18Mbps	20.00	30.00	-10.01
	5785	157	18Mbps	19.96	30.00	-10.04
	5825	165	18Mbps	19.91	30.00	-10.09

Table 7-44. FCC Antenna WF7 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	MCS0	18.07	23.98	-5.91
	5200	40	MCS5	19.97	23.98	-4.01
	5240	48	MCS5	19.93	23.98	-4.05
	5260	52	MCS5	19.95	23.98	-4.03
	5300	60	MCS3	19.87	23.98	-4.11
	5320	64	MCS0	18.90	23.98	-5.08
	5500	100	MCS0	16.79	23.98	-7.19
	5520	104	MCS3	19.94	23.98	-4.04
	5540	108	MCS3	19.93	23.98	-4.05
	5580	116	MCS5	19.95	23.98	-4.03
	5660	132	MCS0	19.95	23.98	-4.03
	5680	136	MCS0	19.96	23.98	-4.02
	5700	140	MCS0	15.39	23.98	-8.59
	5720	144	MCS5	19.93	23.98	-4.05
	5745	149	MCS5	19.94	30.00	-10.06
	5785	157	MCS5	19.91	30.00	-10.09
	5825	165	MCS5	19.82	30.00	-10.19

Table 7-45. FCC Antenna WF7 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 51 of 261

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	MCS3	16.80	23.98	-7.18
	5200	40	MCS3	19.88	23.98	-4.10
	5240	48	MCS3	19.92	23.98	-4.06
	5260	52	MCS0	19.96	23.98	-4.02
	5300	60	MCS3	19.96	23.98	-4.02
	5320	64	MCS0	17.97	23.98	-6.01
	5500	100	MCS0	16.60	23.98	-7.38
	5520	104	MCS3	19.91	23.98	-4.07
	5540	108	MCS3	19.88	23.98	-4.10
	5580	116	MCS0	20.00	23.98	-3.98
	5660	132	MCS0	19.98	23.98	-4.00
	5680	136	MCS0	19.97	23.98	-4.01
	5700	140	MCS3	14.49	23.98	-9.49
	5720	144	MCS0	19.95	23.98	-4.03
	5745	149	MCS0	19.96	30.00	-10.04
	5785	157	MCS0	19.98	30.00	-10.02
	5825	165	MCS0	19.90	30.00	-10.10

Table 7-46. FCC Antenna WF7 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	MCS0	15.41	23.98	-8.57
	5230	46	MCS5	19.93	23.98	-4.05
	5270	54	MCS5	19.96	23.98	-4.02
	5310	62	MCS0	16.39	23.98	-7.59
	5510	102	MCS0	15.40	23.98	-8.58
	5550	110	MCS0	19.87	23.98	-4.11
	5590	118	MCS3	19.85	23.98	-4.13
	5630	126	MCS3	19.87	23.98	-4.11
	5670	134	MCS0	17.74	23.98	-6.24
	5710	142	MCS0	19.74	23.98	-4.24
	5755	151	MCS3	20.00	30.00	-10.00
	5795	159	MCS3	19.89	30.00	-10.12

Table 7-47. FCC Antenna WF7 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 52 of 261

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	MCS0	13.86	23.98	-10.12
	5230	46	MCS3	19.97	23.98	-4.01
	5270	54	MCS5	19.75	23.98	-4.23
	5310	62	MCS0	15.80	23.98	-8.18
	5510	102	MCS0	14.34	23.98	-9.64
	5550	110	MCS0	19.41	23.98	-4.57
	5590	118	MCS0	19.68	23.98	-4.30
	5630	126	MCS3	19.86	23.98	-4.12
	5670	134	MCS0	17.51	23.98	-6.47
	5710	142	MCS0	19.84	23.98	-4.14
	5755	151	MCS0	19.91	30.00	-10.09
	5795	159	MCS0	19.84	30.00	-10.16

Table 7-48. FCC Antenna WF7 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	MCS0	13.85	23.98	-10.13
	5290	58	MCS0	14.87	23.98	-9.11
	5530	106	MCS0	14.81	23.98	-9.17
	5610	122	MCS3	18.68	23.98	-5.30
	5690	138	MCS5	19.79	23.98	-4.19
	5775	155	MCS0	19.37	30.00	-10.63

Table 7-49. FCC Antenna WF7 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	MCS0	13.48	23.98	-10.50
	5290	58	MCS0	14.99	23.98	-8.99
	5530	106	MCS0	14.17	23.98	-9.81
	5610	122	MCS0	18.35	23.98	-5.63
	5690	138	MCS0	19.90	23.98	-4.08
	5775	155	MCS0	17.84	30.00	-12.16

Table 7-50. FCC Antenna WF7 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	MCS5	11.48	23.98	-12.50
	5570	114	MCS0	13.18	23.98	-10.80

Table 7-51. FCC Antenna WF7 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 53 of 261

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5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	MCS5	11.33	23.98	-12.65
	5570	114	MCS3	13.12	23.98	-10.86

Table 7-52. FCC Antenna WF7 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 54 of 261

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7.4.6 ISED Antenna WF7 Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	6Mbps	17.94	-	-	-1.90	16.04	23.01	-6.97
	5200	40	6Mbps	18.53	-	-	-1.90	16.63	23.01	-6.38
	5240	48	18Mbps	18.74	-	-	-1.90	16.84	23.01	-6.17
	5260	52	18Mbps	19.97	23.98	-4.01	-2.60	17.37	30.00	-12.63
	5300	60	36Mbps	19.98	23.98	-4.00	-2.60	17.38	30.00	-12.62
	5320	64	6Mbps	18.93	23.98	-5.05	-2.60	16.33	30.00	-13.67
	5500	100	18Mbps	16.89	23.98	-7.09	-0.40	16.49	30.00	-13.51
	5520	104	18Mbps	19.91	23.98	-4.07	-0.40	19.51	30.00	-10.49
	5540	108	18Mbps	19.86	23.98	-4.12	-0.40	19.46	30.00	-10.54
	5580	116	18Mbps	20.00	23.98	-3.98	-0.40	19.60	30.00	-10.41
	5660	132	6Mbps	19.97	23.98	-4.01	-0.40	19.57	30.00	-10.43
	5680	136	6Mbps	19.97	23.98	-4.01	-0.40	19.57	30.00	-10.43
	5700	140	6Mbps	19.96	23.98	-4.02	-0.40	19.56	30.00	-10.44
	5720	144	18Mbps	19.95	23.98	-4.03	-0.40	19.55	30.00	-10.45
	5745	149	18Mbps	20.00	30.00	-10.01	1.10	21.10	-	-
	5785	157	18Mbps	19.96	30.00	-10.04	1.10	21.06	-	-
	5825	165	18Mbps	19.91	30.00	-10.09	1.10	21.01	-	-

Table 7-53. ISED Antenna WF7 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	17.93	-	-	-1.90	16.03	23.01	-6.98
	5200	40	MCS0	18.85	-	-	-1.90	16.95	23.01	-6.06
	5240	48	MCS5	18.65	-	-	-1.90	16.75	23.01	-6.26
	5260	52	MCS5	19.95	23.98	-4.03	-2.60	17.35	30.00	-12.65
	5300	60	MCS3	19.87	23.98	-4.11	-2.60	17.27	30.00	-12.73
	5320	64	MCS0	18.90	23.98	-5.08	-2.60	16.30	30.00	-13.70
	5500	100	MCS0	16.79	23.98	-7.19	-0.40	16.39	30.00	-13.61
	5520	104	MCS3	19.94	23.98	-4.04	-0.40	19.54	30.00	-10.46
	5540	108	MCS3	19.93	23.98	-4.05	-0.40	19.53	30.00	-10.47
	5580	116	MCS5	19.95	23.98	-4.03	-0.40	19.55	30.00	-10.45
	5660	132	MCS0	19.95	23.98	-4.03	-0.40	19.55	30.00	-10.46
	5680	136	MCS0	19.96	23.98	-4.02	-0.40	19.56	30.00	-10.44
	5700	140	MCS0	15.39	23.98	-8.59	-0.40	14.99	30.00	-15.01
	5720	144	MCS5	19.93	23.98	-4.05	-0.40	19.53	30.00	-10.47
	5745	149	MCS5	19.94	30.00	-10.06	1.10	21.04	-	-
	5785	157	MCS5	19.91	30.00	-10.09	1.10	21.01	-	-
	5825	165	MCS5	19.82	30.00	-10.19	1.10	20.92	-	-

Table 7-54. ISED Antenna WF7 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS3	16.81	-	-	-1.90	14.91	23.01	-8.10
	5200	40	MCS0	18.77	-	-	-1.90	16.87	23.01	-6.14
	5240	48	MCS0	18.79	-	-	-1.90	16.89	23.01	-6.12
	5260	52	MCS0	19.96	23.98	-4.02	-2.60	17.36	30.00	-12.64
	5300	60	MCS3	19.96	23.98	-4.02	-2.60	17.36	30.00	-12.64
	5320	64	MCS0	17.97	23.98	-6.01	-2.60	15.37	30.00	-14.64
	5500	100	MCS0	16.60	23.98	-7.38	-0.40	16.20	30.00	-13.80
	5520	104	MCS3	19.91	23.98	-4.07	-0.40	19.51	30.00	-10.49
	5540	108	MCS3	19.88	23.98	-4.10	-0.40	19.48	30.00	-10.52
	5580	116	MCS0	20.00	23.98	-3.98	-0.40	19.60	30.00	-10.40
	5660	132	MCS0	19.98	23.98	-4.00	-0.40	19.58	30.00	-10.42
	5680	136	MCS0	19.97	23.98	-4.01	-0.40	19.57	30.00	-10.43
	5700	140	MCS3	14.49	23.98	-9.49	-0.40	14.09	30.00	-15.91
	5720	144	MCS0	19.95	23.98	-4.03	-0.40	19.55	30.00	-10.45
	5745	149	MCS0	19.96	30.00	-10.04	1.10	21.06	-	-
	5785	157	MCS0	19.98	30.00	-10.02	1.10	21.08	-	-
	5825	165	MCS0	19.90	30.00	-10.10	1.10	21.00	-	-

Table 7-55. ISED Antenna WF7 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 55 of 261

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	15.41	-	-	-1.90	13.51	23.01	-9.50
	5230	46	MCS5	19.93	-	-	-1.90	18.03	23.01	-4.98
	5270	54	MCS5	19.96	23.98	-4.02	-2.60	17.36	30.00	-12.64
	5310	62	MCS0	16.39	23.98	-7.59	-2.60	13.79	30.00	-16.21
	5510	102	MCS0	15.40	23.98	-8.58	-0.40	15.00	30.00	-15.00
	5550	110	MCS0	19.87	23.98	-4.11	-0.40	19.47	30.00	-10.53
	5670	134	MCS0	17.74	23.98	-6.24	-0.40	17.34	30.00	-12.66
	5710	142	MCS0	19.74	23.98	-4.24	-0.40	19.34	30.00	-10.66
	5755	151	MCS3	20.00	30.00	-10.00	1.10	21.10	-	-
	5795	159	MCS3	19.89	30.00	-10.12	1.10	20.99	-	-

Table 7-56. ISED Antenna WF7 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	13.86	-	-	-1.90	11.96	23.01	-11.05
	5230	46	MCS3	19.97	-	-	-1.90	18.07	23.01	-4.94
	5270	54	MCS0	19.75	23.98	-4.23	-2.60	17.15	30.00	-12.85
	5310	62	MCS0	15.80	23.98	-8.18	-2.60	13.20	30.00	-16.80
	5510	102	MCS0	14.34	23.98	-9.64	-0.40	13.94	30.00	-16.06
	5550	110	MCS0	19.41	23.98	-4.57	-0.40	19.01	30.00	-11.00
	5670	134	MCS0	17.51	23.98	-6.47	-0.40	17.11	30.00	-12.89
	5710	142	MCS0	19.84	23.98	-4.14	-0.40	19.44	30.00	-10.56
	5755	151	MCS0	19.91	30.00	-10.09	1.10	21.01	-	-
	5795	159	MCS0	19.84	30.00	-10.16	1.10	20.94	-	-

Table 7-57. ISED Antenna WF7 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	13.85	-	-	-1.90	11.95	23.01	-11.06
	5290	58	MCS0	14.87	23.98	-9.11	-2.60	12.27	30.00	-17.73
	5530	106	MCS0	14.81	23.98	-9.17	-0.40	14.41	30.00	-15.59
	5690	138	MCS5	19.79	23.98	-4.19	-0.40	19.39	30.00	-10.61
	5775	155	MCS0	19.37	30.00	-10.63	1.10	20.47	-	-

Table 7-58. ISED Antenna WF7 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS0	13.48	-	-	-1.90	11.58	23.01	-11.43
	5290	58	MCS0	14.99	23.98	-8.99	-2.60	12.39	30.00	-17.61
	5530	106	MCS0	14.17	23.98	-9.81	-0.40	13.77	30.00	-16.23
	5690	138	MCS0	19.90	23.98	-4.08	-0.40	19.50	30.00	-10.50
	5775	155	MCS0	17.84	30.00	-12.16	1.10	18.94	-	-

Table 7-59. ISED Antenna WF7 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS5	11.48	23.98	-12.50	-1.90	9.58	23.01	-13.43

Table 7-60. ISED Antenna WF7 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Data Rate	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	MCS5	11.33	23.98	-12.65	-1.90	9.43	23.01	-13.58

Table 7-61. ISED Antenna WF7 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 56 of 261

7.4.7 FCC CDD Primary Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5180	36	CDD	6Mbps	16.91	16.79	19.86	23.98	-4.12
	5200	40	CDD	6Mbps	17.81	18.10	20.96	23.98	-3.02
	5240	48	CDD	6Mbps	18.18	18.27	21.24	23.98	-2.74
	5260	52	CDD	6Mbps	18.18	18.22	21.21	23.98	-2.77
	5300	60	CDD	18Mbps	18.22	18.12	21.18	23.98	-2.80
	5320	64	CDD	18Mbps	17.00	16.88	19.95	23.98	-4.03
	5500	100	CDD	18Mbps	16.89	16.88	19.89	23.98	-4.09
	5520	104	CDD	6Mbps	18.09	18.01	21.06	23.98	-2.92
	5540	108	CDD	18Mbps	18.03	18.06	21.06	23.98	-2.92
	5580	116	CDD	36Mbps	18.05	18.22	21.15	23.98	-2.83
	5660	132	CDD	6Mbps	18.17	18.28	21.23	23.98	-2.75
	5680	136	CDD	6Mbps	17.86	17.84	20.86	23.98	-3.12
	5700	140	CDD	6Mbps	17.86	17.82	20.85	23.98	-3.13
	5720	144	CDD	36Mbps	18.17	18.19	21.19	23.98	-2.79
	5745	149	CDD	18Mbps	19.73	19.97	22.86	30.00	-7.14
	5785	157	CDD	18Mbps	19.85	19.96	22.92	30.00	-7.08
	5825	165	CDD	18Mbps	19.90	20.00	22.96	30.00	-7.04

Table 7-62. FCC CDD Primary 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5180	36	CDD	MCS0	16.88	16.82	19.86	23.98	-4.12
	5200	40	CDD	MCS3	18.17	18.20	21.20	23.98	-2.78
	5240	48	CDD	MCS3	18.11	18.17	21.15	23.98	-2.83
	5260	52	CDD	MCS0	18.14	18.30	21.23	23.98	-2.75
	5300	60	CDD	MCS0	18.15	18.01	21.09	23.98	-2.89
	5320	64	CDD	MCS3	16.91	16.91	19.92	23.98	-4.06
	5500	100	CDD	MCS3	16.86	16.99	19.94	23.98	-4.04
	5520	104	CDD	MCS3	17.92	17.68	20.81	23.98	-3.17
	5540	108	CDD	MCS3	17.88	18.10	21.00	23.98	-2.98
	5580	116	CDD	MCS5	18.17	18.29	21.24	23.98	-2.74
	5660	132	CDD	MCS3	18.03	18.13	21.09	23.98	-2.89
	5680	136	CDD	MCS5	17.91	17.92	20.93	23.98	-3.05
	5700	140	CDD	MCS0	15.13	15.32	18.23	23.98	-5.75
	5720	144	CDD	MCS3	18.19	18.12	21.16	23.98	-2.82
	5745	149	CDD	MCS5	19.95	19.94	22.96	30.00	-7.04
	5785	157	CDD	MCS3	19.93	19.72	22.84	30.00	-7.16
	5825	165	CDD	MCS5	19.85	19.99	22.93	30.00	-7.07

Table 7-63. FCC CDD Primary 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 57 of 261

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5180	36	CDD	MCS0	15.86	15.76	18.82	23.98	-5.16
	5200	40	CDD	MCS0	18.35	18.31	21.34	23.98	-2.64
	5240	48	CDD	MCS3	18.36	18.31	21.35	23.98	-2.63
	5260	52	CDD	MCS5	17.91	18.26	21.10	23.98	-2.88
	5300	60	CDD	MCS5	18.17	18.31	21.25	23.98	-2.73
	5320	64	CDD	MCS3	16.99	16.99	20.00	23.98	-3.98
	5500	100	CDD	MCS0	15.97	16.26	19.13	23.98	-4.85
	5520	104	CDD	MCS3	17.93	17.94	20.94	23.98	-3.04
	5540	108	CDD	MCS5	18.28	18.24	21.27	23.98	-2.71
	5580	116	CDD	MCS5	18.02	18.00	21.02	23.98	-2.96
	5660	132	CDD	MCS5	18.20	18.07	21.15	23.98	-2.83
	5680	136	CDD	MCS3	17.46	17.32	20.40	23.98	-3.58
	5700	140	CDD	MCS0	14.12	14.36	17.25	23.98	-6.73
	5720	144	CDD	MCS3	18.35	18.14	21.26	23.98	-2.72
	5745	149	CDD	MCS5	19.97	19.99	22.99	30.00	-7.01
	5785	157	CDD	MCS0	19.98	19.88	22.94	30.00	-7.06
	5825	165	CDD	MCS0	19.95	19.91	22.94	30.00	-7.06

Table 7-64. FCC CDD Primary 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5190	38	CDD	MCS0	14.44	14.65	17.56	23.98	-6.42
	5230	46	CDD	MCS5	19.98	19.87	22.94	23.98	-1.04
	5270	54	CDD	MCS0	19.98	19.88	22.94	23.98	-1.04
	5310	62	CDD	MCS0	15.65	15.77	18.72	23.98	-5.26
	5510	102	CDD	MCS3	14.69	14.99	17.85	23.98	-6.13
	5550	110	CDD	MCS0	18.85	18.89	21.88	23.98	-2.10
	5590	118	CDD	MCS0	19.98	19.74	22.87	23.98	-1.11
	5630	126	CDD	MCS5	19.96	19.82	22.90	23.98	-1.08
	5670	134	CDD	MCS0	17.39	17.18	20.30	23.98	-3.68
	5710	142	CDD	MCS3	19.97	19.89	22.94	23.98	-1.04
	5755	151	CDD	MCS5	19.95	19.81	22.89	30.00	-7.11
	5795	159	CDD	MCS0	19.82	19.83	22.83	30.00	-7.17

Table 7-65. FCC CDD Primary 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5190	38	CDD	MCS5	12.82	12.95	15.90	23.98	-8.08
	5230	46	CDD	MCS0	19.81	19.85	22.84	23.98	-1.14
	5270	54	CDD	MCS0	19.99	19.69	22.85	23.98	-1.13
	5310	62	CDD	MCS0	14.49	14.37	17.44	23.98	-6.54
	5510	102	CDD	MCS0	13.50	13.44	16.48	23.98	-7.50
	5550	110	CDD	MCS0	18.43	18.38	21.41	23.98	-2.57
	5590	118	CDD	MCS3	19.80	19.81	22.82	23.98	-1.16
	5630	126	CDD	MCS3	19.70	19.88	22.80	23.98	-1.18
	5670	134	CDD	MCS0	16.74	16.94	19.85	23.98	-4.13
	5710	142	CDD	MCS0	19.96	19.79	22.88	23.98	-1.10
	5755	151	CDD	MCS5	19.93	19.88	22.92	30.00	-7.08
	5795	159	CDD	MCS5	19.75	19.86	22.82	30.00	-7.18

Table 7-66. FCC CDD Primary 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5210	42	CDD	MCS0	13.44	13.45	16.46	23.98	-7.52
	5290	58	CDD	MCS0	14.14	14.44	17.30	23.98	-6.68
	5530	106	CDD	MCS0	13.89	13.79	16.85	23.98	-7.13
	5610	122	CDD	MCS0	18.16	18.22	21.20	23.98	-2.78
	5690	138	CDD	MCS0	19.77	19.81	22.80	23.98	-1.18
	5775	155	CDD	MCS0	18.81	18.95	21.89	30.00	-8.11

Table 7-67. FCC CDD Primary 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 58 of 261

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5210	42	CDD	MCS0	12.99	12.73	15.87	23.98	-8.11
	5290	58	CDD	MCS0	13.95	13.70	16.83	23.98	-7.15
	5530	106	CDD	MCS0	13.22	13.03	16.14	23.98	-7.84
	5610	122	CDD	MCS0	17.13	17.15	20.15	23.98	-3.83
	5690	138	CDD	MCS0	19.89	19.92	22.92	23.98	-1.06
	5775	155	CDD	MCS0	17.88	17.65	20.78	30.00	-9.22

Table 7-68. FCC CDD Primary 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5250	50	CDD	MCS5	10.61	10.90	13.77	23.98	-10.21
	5570	114	CDD	MCS0	12.96	12.78	15.88	23.98	-8.10

Table 7-69. FCC CDD Primary 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5250	50	CDD	MCS5	10.86	10.76	13.82	23.98	-10.16
	5570	114	CDD	MCS3	12.97	12.62	15.81	23.98	-8.17

Table 7-70. FCC CDD Primary 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 59 of 261

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7.4.8 ISED CDD/SDM Primary Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional 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 WF8	Summed						
	5180	36	CDD	6Mbps	14.55	14.66	17.62	-	-	2.00	19.62	23.01	-3.39
	5200	40	CDD	36Mbps	15.35	15.39	18.38	-	-	2.00	20.38	23.01	-2.63
	5240	48	CDD	6Mbps	15.37	15.28	18.33	-	-	2.00	20.33	23.01	-2.68
	5260	52	CDD	6Mbps	18.18	18.22	21.21	23.98	-2.77	2.40	23.61	30.00	-6.39
	5300	60	CDD	18Mbps	18.22	18.12	21.18	23.98	-2.80	2.40	23.58	30.00	-6.42
	5320	64	CDD	18Mbps	17.00	16.88	19.95	23.98	-4.03	2.40	22.35	30.00	-7.65
	5500	100	CDD	18Mbps	16.89	16.88	19.89	23.98	-4.09	2.10	21.99	30.00	-8.01
	5520	104	CDD	6Mbps	18.09	18.01	21.06	23.98	-2.92	2.10	23.16	30.00	-6.84
	5540	108	CDD	18Mbps	18.03	18.06	21.06	23.98	-2.92	2.10	23.16	30.00	-6.84
	5580	116	CDD	36Mbps	18.05	18.22	21.15	23.98	-2.83	2.10	23.25	30.00	-6.75
	5660	132	CDD	6Mbps	18.17	18.28	21.23	23.98	-2.75	2.10	23.33	30.00	-6.67
	5680	136	CDD	6Mbps	17.86	17.84	20.86	23.98	-3.12	2.10	22.96	30.00	-7.04
	5700	140	CDD	6Mbps	17.86	17.82	20.85	23.98	-3.13	2.10	22.95	30.00	-7.05
	5720	144	CDD	36Mbps	18.17	18.19	21.19	23.98	-2.79	2.10	23.29	30.00	-6.71
	5745	149	CDD	18Mbps	19.73	19.97	22.86	30.00	-7.14	1.30	24.16	-	-
	5785	157	CDD	18Mbps	19.85	19.96	22.92	30.00	-7.08	1.30	24.22	-	-
	5825	165	CDD	18Mbps	19.90	20.00	22.96	30.00	-7.04	1.30	24.26	-	-

Table 7-71. ISED CDD Primary 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional 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 WF8	Summed						
	5180	36	SDM	MCS3	14.68	14.58	17.64	-	-	1.71	19.35	23.01	-3.66
	5200	40	SDM	MCS3	15.25	15.35	18.31	-	-	1.71	20.02	23.01	-2.99
	5240	48	SDM	MCS3	15.23	15.20	18.22	-	-	1.71	19.93	23.01	-3.08
	5260	52	CDD	MCS0	18.14	18.30	21.23	23.98	-2.75	2.40	23.63	30.00	-6.37
	5300	60	CDD	MCS0	18.15	18.01	21.09	23.98	-2.89	2.40	23.49	30.00	-6.51
	5320	64	CDD	MCS3	16.91	16.91	19.92	23.98	-4.06	2.40	22.32	30.00	-7.68
	5500	100	CDD	MCS3	16.86	16.99	19.94	23.98	-4.04	2.10	22.04	30.00	-7.96
	5520	104	CDD	MCS3	17.92	17.68	20.81	23.98	-3.17	2.10	22.91	30.00	-7.09
	5540	108	CDD	MCS3	17.88	18.10	21.00	23.98	-2.98	2.10	23.10	30.00	-6.90
	5580	116	CDD	MCS5	18.17	18.29	21.24	23.98	-2.74	2.10	23.34	30.00	-6.66
	5660	132	CDD	MCS3	18.03	18.13	21.09	23.98	-2.89	2.10	23.19	30.00	-6.81
	5680	136	CDD	MCS5	17.91	17.92	20.93	23.98	-3.05	2.10	23.03	30.00	-6.97
	5700	140	CDD	MCS0	15.13	15.32	18.23	23.98	-5.75	2.10	20.33	30.00	-9.67
	5720	144	CDD	MCS3	18.19	18.12	21.16	23.98	-2.82	2.10	23.26	30.00	-6.74
	5745	149	CDD	MCS5	19.95	19.94	22.96	30.00	-7.04	1.30	24.26	-	-
	5785	157	CDD	MCS3	19.93	19.72	22.84	30.00	-7.16	1.30	24.14	-	-
	5825	165	CDD	MCS5	19.85	19.99	22.93	30.00	-7.07	1.30	24.23	-	-

Table 7-72. ISED CDD/SDM Primary 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional 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 WF8	Summed						
	5180	36	SDM	MCS5	14.60	14.72	17.67	-	-	1.71	19.38	23.01	-3.63
	5200	40	SDM	MCS0	15.58	15.42	18.51	-	-	1.71	20.22	23.01	-2.79
	5240	48	SDM	MCS3	15.47	15.46	18.48	-	-	1.71	20.19	23.01	-2.82
	5260	52	CDD	MCS5	17.91	18.26	21.10	23.98	-2.88	2.40	23.50	30.00	-6.50
	5300	60	CDD	MCS5	18.17	18.31	21.25	23.98	-2.73	2.40	23.65	30.00	-6.35
	5320	64	CDD	MCS3	16.99	16.99	20.00	23.98	-3.98	2.40	22.40	30.00	-7.60
	5500	100	CDD	MCS0	15.97	16.26	19.13	23.98	-4.85	2.10	21.23	30.00	-8.77
	5520	104	CDD	MCS3	17.93	17.94	20.94	23.98	-3.04	2.10	23.04	30.00	-6.96
	5540	108	CDD	MCS5	18.28	18.24	21.27	23.98	-2.71	2.10	23.37	30.00	-6.63
	5580	116	CDD	MCS5	18.02	18.00	21.02	23.98	-2.96	2.10	23.12	30.00	-6.88
	5660	132	CDD	MCS5	18.20	18.07	21.15	23.98	-2.83	2.10	23.25	30.00	-6.75
	5680	136	CDD	MCS3	17.46	17.32	20.40	23.98	-3.58	2.10	22.50	30.00	-7.50
	5700	140	CDD	MCS0	14.12	14.36	17.25	23.98	-6.73	2.10	19.35	30.00	-10.65
	5720	144	CDD	MCS3	18.35	18.14	21.26	23.98	-2.72	2.10	23.36	30.00	-6.64
	5745	149	CDD	MCS5	19.97	19.99	22.99	30.00	-7.01	1.30	24.29	-	-
	5785	157	CDD	MCS0	19.98	19.88	22.94	30.00	-7.06	1.30	24.24	-	-
	5825	165	CDD	MCS0	19.95	19.91	22.94	30.00	-7.06	1.30	24.24	-	-

Table 7-73. ISED CDD/SDM Primary 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional 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 WF8	Summed						
	5190	38	CDD	MCS0	14.66	14.64	17.66	-	-	2.00	19.66	23.01	-3.35
	5230	46	SDM	MCS5	17.13	17.16	20.15	-	-	1.71	21.86	23.01	-1.15
	5270	54	CDD	MCS0	19.98	19.88	22.94	23.98	-1.04	2.40	25.34	30.00	-4.66
	5310	62	CDD	MCS0	15.65	15.77	18.72	23.98	-5.26	2.40	21.12	30.00	-8.88
	5510	102	CDD	MCS3	14.69	14.99	17.85	23.98	-6.13	2.10	19.95	30.00	-10.05
	5550	110	CDD	MCS0	18.85	18.89	21.88	23.98	-2.10	2.10	23.98	30.00	-6.02
	5670	134	CDD	MCS0	17.39	17.18	20.30	23.98	-3.68	2.10	22.40	30.00	-7.60
	5710	142	CDD	MCS3	19.97	19.89	22.94	23.98	-1.04	2.10	25.04	30.00	-4.96
	5755	151	CDD	MCS5	19.95	19.81	22.89	30.00	-7.11	1.30	24.19	-	-
	5795	159	CDD	MCS0	19.82	19.83	22.83	30.00	-7.17	1.30	24.13	-	-

Table 7-74. ISED CDD/SDM Primary 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional 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 WF8	Summed						
	5190	38	CDD	MCS0	12.90	12.98	15.95	-	-	2.00	17.95	23.01	-5.06
	5230	46	SDM	MCS5	17.12	17.19	20.17	-	-	1.71	21.88	23.01	-1.13
	5270	54	CDD	MCS0	19.99	19.69	22.85	23.98	-1.13	2.40	25.25	30.00	-4.75
	5310	62	CDD	MCS0	14.49	14.37	17.44	23.98	-6.54	2.40	19.84	30.00	-10.16
	5510	102	CDD	MCS0	13.50	13.44	16.48	23.98	-7.50	2.10	18.58	30.00	-11.42
	5550	110	CDD	MCS0	18.43	18.38	21.41	23.98	-2.57	2.10	23.51	30.00	-6.49
	5670	134	CDD	MCS0	16.74	16.94	19.85	23.98	-4.13	2.10	21.95	30.00	-8.05
	5710	142	CDD	MCS0	19.96	19.79	22.88	23.98	-1.10	2.10	24.98	30.00	-5.02
	5755	151	CDD	MCS5	19.93	19.88	22.92	30.00	-7.08	1.30	24.22	-	-
	5795	159	CDD	MCS5	19.75	19.86	22.82	30.00	-7.18	1.30	24.12	-	-

Table 7-75. ISED CDD/SDM Primary 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional 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 WF8	Summed						
	5210	42	CDD	MCS0	13.26	13.41	16.34	-	-	2.00	18.34	23.01	-4.67
	5290	58	CDD	MCS0	14.14	14.44	17.30	23.98	-6.68	2.40	19.70	30.00	-10.30
	5530	106	CDD	MCS0	13.89	13.79	16.85	23.98	-7.13	2.10	18.95	30.00	-11.05
	5690	138	CDD	MCS0	19.77	19.81	22.80	23.98	-1.18	2.10	24.98	30.00	-5.10
	5775	155	CDD	MCS0	18.81	18.95	21.89	30.00	-8.11	1.30	23.19	-	-

Table 7-76. ISED CDD Primary 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional 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 WF8	Summed						
	5210	42	CDD	MCS5	12.76	12.94	15.86	-	-	2.00	17.86	23.01	-5.15
	5290	58	CDD	MCS0	13.95	13.70	16.83	23.98	-7.15	2.40	19.23	30.00	-10.77
	5530	106	CDD	MCS0	13.22	13.03	16.14	23.98	-7.84	2.10	18.24	30.00	-11.76
	5690	138	CDD	MCS0	19.89	19.92	22.92	23.98	-1.06	2.10	25.02	30.00	-4.98
	5775	155	CDD	MCS0	17.88	17.65	20.78	30.00	-9.22	1.30	22.08	-	-

Table 7-77. ISED CDD Primary 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional 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 WF8	Summed						
	5250	50	CDD	MCS5	10.88	10.99	13.95	23.98	-10.03	2.00	15.95	23.01	-7.06

Table 7-78. ISED CDD Primary 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional 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 WF8	Summed						
	5250	50	CDD	MCS5	10.86	10.76	13.82	23.98	-10.16	2.00	15.82	23.01	-7.19

Table 7-79. ISED CDD Primary 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 61 of 261

7.4.9 FCC CDD Diversity Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5180	36	CDD	6Mbps	16.79	16.86	19.84	23.98	-4.14
	5200	40	CDD	6Mbps	18.10	18.08	21.10	23.98	-2.88
	5240	48	CDD	6Mbps	18.27	18.25	21.27	23.98	-2.71
	5260	52	CDD	6Mbps	18.22	18.29	21.27	23.98	-2.71
	5300	60	CDD	18Mbps	18.12	18.13	21.14	23.98	-2.84
	5320	64	CDD	18Mbps	16.88	16.99	19.94	23.98	-4.04
	5500	100	CDD	18Mbps	16.88	16.76	19.83	23.98	-4.15
	5520	104	CDD	6Mbps	18.01	18.10	21.06	23.98	-2.92
	5540	108	CDD	36Mbps	17.91	18.08	21.01	23.98	-2.97
	5580	116	CDD	36Mbps	18.22	18.30	21.27	23.98	-2.71
	5660	132	CDD	6Mbps	18.28	18.04	21.17	23.98	-2.81
	5680	136	CDD	6Mbps	17.84	17.89	20.88	23.98	-3.10
	5700	140	CDD	6Mbps	17.82	17.86	20.85	23.98	-3.13
	5720	144	CDD	18Mbps	18.18	18.09	21.14	23.98	-2.84
	5745	149	CDD	18Mbps	19.97	19.72	22.86	30.00	-7.14
	5785	157	CDD	6Mbps	19.86	19.87	22.88	30.00	-7.12
	5825	165	CDD	6Mbps	19.89	19.80	22.86	30.00	-7.14

Table 7-80. FCC CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5180	36	CDD	MCS0	16.82	16.88	19.86	23.98	-4.12
	5200	40	CDD	MCS3	18.20	18.15	21.19	23.98	-2.79
	5240	48	CDD	MCS3	18.17	18.13	21.16	23.98	-2.82
	5260	52	CDD	MCS0	18.30	18.30	21.31	23.98	-2.67
	5300	60	CDD	MCS3	18.17	17.99	21.09	23.98	-2.89
	5320	64	CDD	MCS0	16.70	16.91	19.81	23.98	-4.17
	5500	100	CDD	MCS3	16.99	16.76	19.89	23.98	-4.09
	5520	104	CDD	MCS3	17.68	18.00	20.85	23.98	-3.13
	5540	108	CDD	MCS3	18.10	18.00	21.06	23.98	-2.92
	5580	116	CDD	MCS5	18.29	18.08	21.20	23.98	-2.78
	5660	132	CDD	MCS3	18.13	17.99	21.07	23.98	-2.91
	5680	136	CDD	MCS5	17.92	17.92	20.93	23.98	-3.05
	5700	140	CDD	MCS0	15.32	15.39	18.37	23.98	-5.61
	5720	144	CDD	MCS3	18.12	18.13	21.13	23.98	-2.85
	5745	149	CDD	MCS5	19.94	19.94	22.95	30.00	-7.05
	5785	157	CDD	MCS5	19.93	19.94	22.95	30.00	-7.05
	5825	165	CDD	MCS5	19.99	19.93	22.97	30.00	-7.03

Table 7-81. FCC CDD Diversity 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 62 of 261

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5180	36	CDD	MCS0	15.76	15.72	18.75	23.98	-5.23
	5200	40	CDD	MCS0	18.31	18.32	21.32	23.98	-2.66
	5240	48	CDD	MCS0	18.24	18.37	21.32	23.98	-2.66
	5260	52	CDD	MCS5	18.26	18.23	21.26	23.98	-2.72
	5300	60	CDD	MCS5	18.31	18.23	21.28	23.98	-2.70
	5320	64	CDD	MCS3	16.99	16.90	19.96	23.98	-4.02
	5500	100	CDD	MCS0	16.26	15.99	19.14	23.98	-4.84
	5520	104	CDD	MCS3	17.94	17.78	20.87	23.98	-3.11
	5540	108	CDD	MCS3	18.05	18.22	21.15	23.98	-2.83
	5580	116	CDD	MCS5	18.00	17.98	21.00	23.98	-2.98
	5660	132	CDD	MCS5	18.07	18.21	21.15	23.98	-2.83
	5680	136	CDD	MCS5	17.50	17.46	20.49	23.98	-3.49
	5700	140	CDD	MCS0	14.36	14.34	17.36	23.98	-6.62
	5720	144	CDD	MCS3	18.14	18.39	21.28	23.98	-2.70
	5745	149	CDD	MCS0	19.89	19.94	22.93	30.00	-7.07
	5785	157	CDD	MCS0	19.88	19.97	22.93	30.00	-7.07
	5825	165	CDD	MCS0	19.91	19.92	22.92	30.00	-7.08

Table 7-82. FCC CDD Diversity 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF5B	Antenna WF8	Summed		
	5190	38	CDD	MCS0	14.65	14.63	17.65	23.98	-6.33
	5230	46	CDD	MCS5	19.87	19.90	22.89	23.98	-1.09
	5270	54	CDD	MCS3	19.89	19.96	22.93	23.98	-1.05
	5310	62	CDD	MCS0	15.77	15.96	18.87	23.98	-5.11
	5510	102	CDD	MCS3	14.99	14.79	17.90	23.98	-6.08
	5550	110	CDD	MCS3	18.83	18.88	21.87	23.98	-2.11
	5590	118	CDD	MCS3	19.73	19.88	22.82	23.98	-1.16
	5630	126	CDD	MCS3	19.82	19.85	22.85	23.98	-1.13
	5670	134	CDD	MCS0	17.18	17.19	20.20	23.98	-3.78
	5710	142	CDD	MCS5	19.99	19.97	22.99	23.98	-0.99
	5755	151	CDD	MCS3	19.66	19.99	22.84	30.00	-7.16
	5795	159	CDD	MCS3	19.63	19.96	22.81	30.00	-7.19

Table 7-83. FCC CDD Diversity 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF8	Antenna WF7	Summed		
	5190	38	CDD	MCS0	12.97	12.98	15.99	23.98	-7.99
	5230	46	CDD	MCS3	19.70	19.98	22.85	23.98	-1.13
	5270	54	CDD	MCS5	19.73	19.98	22.86	23.98	-1.12
	5310	62	CDD	MCS0	14.37	14.28	17.34	23.98	-6.64
	5510	102	CDD	MCS0	13.44	13.36	16.41	23.98	-7.57
	5550	110	CDD	MCS0	18.38	18.46	21.43	23.98	-2.55
	5590	118	CDD	MCS3	19.81	19.92	22.88	23.98	-1.10
	5630	126	CDD	MCS3	19.88	19.86	22.88	23.98	-1.10
	5670	134	CDD	MCS0	16.94	16.99	19.98	23.98	-4.00
	5710	142	CDD	MCS3	19.74	19.86	22.81	23.98	-1.17
	5755	151	CDD	MCS5	19.88	19.83	22.86	30.00	-7.14
	5795	159	CDD	MCS5	19.86	19.70	22.79	30.00	-7.21

Table 7-84. FCC CDD Diversity 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF8	Antenna WF7	Summed		
	5210	42	CDD	MCS0	13.45	13.29	16.38	23.98	-7.60
	5290	58	CDD	MCS0	14.44	14.41	17.44	23.98	-6.54
	5530	106	CDD	MCS0	13.79	13.95	16.88	23.98	-7.10
	5610	122	CDD	MCS0	18.22	18.00	21.12	23.98	-2.86
	5690	138	CDD	MCS0	19.81	19.80	22.82	23.98	-1.16
	5775	155	CDD	MCS0	18.95	18.88	21.92	30.00	-8.08

Table 7-85. FCC CDD Diversity 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF8	Antenna WF7	Summed		
	5210	42	CDD	MCS5	12.91	12.90	15.91	23.98	-8.07
	5290	58	CDD	MCS5	13.81	13.93	16.88	23.98	-7.10
	5530	106	CDD	MCS0	13.03	13.10	16.07	23.98	-7.91
	5610	122	CDD	MCS0	17.15	17.47	20.32	23.98	-3.66
	5690	138	CDD	MCS0	19.92	19.87	22.90	23.98	-1.08
	5775	155	CDD	MCS0	17.65	17.86	20.76	30.00	-9.24

Table 7-86. FCC CDD Diversity 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF8	Antenna WF7	Summed		
	5250	50	CDD	MCS5	10.90	10.77	13.85	23.98	-10.13
	5570	114	CDD	MCS0	12.78	12.89	15.85	23.98	-8.13

Table 7-87. FCC CDD Diversity 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna WF8	Antenna WF7	Summed		
	5250	50	CDD	MCS5	10.76	10.99	13.88	23.98	-10.10
	5570	114	CDD	MCS0	12.66	12.83	15.76	23.98	-8.22

Table 7-88. FCC CDD Diversity 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.4.10 ISED CDD/SDM Diversity Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed						
	5180	36	CDD	36Mbps	14.61	14.62	17.63	-	-	2.00	19.63	23.01	-3.38
	5200	40	CDD	36Mbps	15.39	15.27	18.34	-	-	2.00	20.34	23.01	-2.67
	5240	48	CDD	18Mbps	15.39	15.23	18.32	-	-	2.00	20.32	23.01	-2.69
	5260	52	CDD	6Mbps	18.22	18.29	21.27	23.98	-2.71	2.40	23.67	30.00	-6.33
	5300	60	CDD	18Mbps	18.12	18.13	21.14	23.98	-2.84	2.40	23.54	30.00	-6.46
	5320	64	CDD	18Mbps	16.88	16.99	19.94	23.98	-4.04	2.40	22.34	30.00	-7.66
	5500	100	CDD	18Mbps	16.88	16.76	19.83	23.98	-4.15	2.10	21.93	30.00	-8.07
	5520	104	CDD	6Mbps	18.01	18.10	21.06	23.98	-2.92	2.10	23.16	30.00	-6.84
	5540	108	CDD	36Mbps	17.91	18.08	21.01	23.98	-2.97	2.10	23.11	30.00	-6.89
	5580	116	CDD	36Mbps	18.22	18.30	21.27	23.98	-2.71	2.10	23.37	30.00	-6.63
	5660	132	CDD	6Mbps	18.28	18.04	21.17	23.98	-2.81	2.10	23.27	30.00	-6.73
	5680	136	CDD	6Mbps	17.84	17.89	20.88	23.98	-3.10	2.10	22.98	30.00	-7.02
	5700	140	CDD	6Mbps	17.82	17.86	20.85	23.98	-3.13	2.10	22.95	30.00	-7.05
	5720	144	CDD	18Mbps	18.18	18.09	21.14	23.98	-2.84	2.10	23.24	30.00	-6.76
	5745	149	CDD	18Mbps	19.97	19.72	22.86	30.00	-7.14	1.30	24.16	-	-
	5785	157	CDD	6Mbps	19.86	19.87	22.88	30.00	-7.12	1.30	24.18	-	-
	5825	165	CDD	6Mbps	19.89	19.80	22.86	30.00	-7.14	1.30	24.16	-	-

Table 7-89. ISED CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed						
	5180	36	SDM	MCS3	14.58	14.52	17.56	-	-	0.47	18.03	23.01	-4.98
	5200	40	SDM	MCS5	15.27	15.34	18.31	-	-	0.47	18.78	23.01	-4.23
	5240	48	SDM	MCS3	15.20	15.26	18.24	-	-	0.47	18.71	23.01	-4.30
	5260	52	CDD	MCS0	18.30	18.30	21.31	23.98	-2.67	2.40	23.71	30.00	-6.29
	5300	60	CDD	MCS3	18.17	17.99	21.09	23.98	-2.89	2.40	23.49	30.00	-6.51
	5320	64	CDD	MCS0	16.70	16.91	19.81	23.98	-4.17	2.40	22.21	30.00	-7.79
	5500	100	CDD	MCS3	16.99	16.76	19.89	23.98	-4.09	2.10	21.99	30.00	-8.01
	5520	104	CDD	MCS3	17.68	18.00	20.85	23.98	-3.13	2.10	22.95	30.00	-7.05
	5540	108	CDD	MCS3	18.10	18.00	21.06	23.98	-2.92	2.10	23.16	30.00	-6.84
	5580	116	CDD	MCS5	18.29	18.08	21.20	23.98	-2.78	2.10	23.30	30.00	-6.70
	5660	132	CDD	MCS3	18.13	17.99	21.07	23.98	-2.91	2.10	23.17	30.00	-6.83
	5680	136	CDD	MCS5	17.92	17.92	20.93	23.98	-3.05	2.10	23.03	30.00	-6.97
	5700	140	CDD	MCS0	15.32	15.39	18.37	23.98	-5.61	2.10	20.47	30.00	-9.53
	5720	144	CDD	MCS3	18.12	18.13	21.13	23.98	-2.85	2.10	23.23	30.00	-6.77
	5745	149	CDD	MCS5	19.94	19.94	22.95	30.00	-7.05	1.30	24.25	-	-
	5785	157	CDD	MCS5	19.93	19.94	22.95	30.00	-7.05	1.30	24.25	-	-
	5825	165	CDD	MCS5	19.99	19.93	22.97	30.00	-7.03	1.30	24.27	-	-

Table 7-90. ISED CDD/SDM Diversity 20MHz BW 802.11n (UNII) Maximum Conducted Output Power

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed						
	5180	36	SDM	MCS3	14.56	14.80	17.69	-	-	0.47	18.16	23.01	-4.85
	5200	40	SDM	MCS0	15.42	15.58	18.51	-	-	0.47	18.98	23.01	-4.03
	5240	48	SDM	MCS0	15.28	15.36	18.33	-	-	0.47	18.80	23.01	-4.21
	5260	52	CDD	MCS5	18.26	18.23	21.26	23.98	-2.72	2.40	23.66	30.00	-6.34
	5300	60	CDD	MCS5	18.31	18.23	21.28	23.98	-2.70	2.40	23.68	30.00	-6.32
	5320	64	CDD	MCS3	16.99	16.90	19.96	23.98	-4.02	2.40	22.36	30.00	-7.64
	5500	100	CDD	MCS0	16.26	15.99	19.14	23.98	-4.84	2.10	21.24	30.00	-8.76
	5520	104	CDD	MCS3	17.94	17.78	20.87	23.98	-3.11	2.10	22.97	30.00	-7.03
	5540	108	CDD	MCS3	18.05	18.22	21.15	23.98	-2.83	2.10	23.25	30.00	-6.75
	5580	116	CDD	MCS5	18.00	17.98	21.00	23.98	-2.98	2.10	23.10	30.00	-6.90
	5660	132	CDD	MCS5	18.07	18.21	21.15	23.98	-2.83	2.10	23.25	30.00	-6.75
	5680	136	CDD	MCS5	17.50	17.46	20.49	23.98	-3.49	2.10	22.59	30.00	-7.41
	5700	140	CDD	MCS0	14.36	14.34	17.36	23.98	-6.62	2.10	19.46	30.00	-10.54
	5720	144	CDD	MCS3	18.14	18.39	21.28	23.98	-2.70	2.10	23.38	30.00	-6.62
	5745	149	CDD	MCS0	19.89	19.94	22.93	30.00	-7.07	1.30	24.23	-	-
	5785	157	CDD	MCS0	19.88	19.97	22.93	30.00	-7.07	1.30	24.23	-	-
	5825	165	CDD	MCS0	19.91	19.92	22.92	30.00	-7.08	1.30	24.22	-	-

Table 7-91. ISED CDD/SDM Diversity 20MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed						
	5190	38	CDD	MCS0	14.64	14.58	17.62	-	-	2.00	19.62	23.01	-3.39
	5230	46	SDM	MCS0	17.14	17.20	20.18	-	-	0.47	20.65	23.01	-2.36
	5270	54	CDD	MCS3	19.89	19.96	22.93	23.98	-1.05	2.40	25.33	30.00	-4.67
	5310	62	CDD	MCS0	15.77	15.96	18.87	23.98	-5.11	2.40	21.27	30.00	-8.73
	5510	102	CDD	MCS3	14.99	14.79	17.90	23.98	-6.08	2.10	20.00	30.00	-10.00
	5550	110	CDD	MCS3	18.83	18.88	21.87	23.98	-2.11	2.10	23.97	30.00	-6.03
	5670	134	CDD	MCS0	17.18	17.19	20.20	23.98	-3.78	2.10	22.30	30.00	-7.70
	5710	142	CDD	MCS5	19.99	19.97	22.99	23.98	-0.99	2.10	25.09	30.00	-4.91
	5755	151	CDD	MCS3	19.66	19.99	22.84	30.00	-7.16	1.30	24.14	-	-
	5795	159	CDD	MCS3	19.63	19.96	22.81	30.00	-7.19	1.30	24.11	-	-

Table 7-92. ISED CDD/SDM Diversity 40MHz BW 802.11n (UNII) Maximum Conducted Output Power

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed						
	5190	38	CDD	MCS3	12.83	12.90	15.88	-	-	2.00	17.88	23.01	-5.13
	5230	46	SDM	MCS0	17.16	17.20	20.19	-	-	0.47	20.66	23.01	-2.35
	5270	54	CDD	MCS5	19.73	19.98	22.86	23.98	-1.12	2.40	25.26	30.00	-4.74
	5310	62	CDD	MCS0	14.37	14.28	17.34	23.98	-6.64	2.40	19.74	30.00	-10.26
	5510	102	CDD	MCS0	13.44	13.36	16.41	23.98	-7.57	2.10	18.51	30.00	-11.49
	5550	110	CDD	MCS0	18.38	18.46	21.43	23.98	-2.55	2.10	23.53	30.00	-6.47
	5670	134	CDD	MCS0	16.94	16.99	19.98	23.98	-4.00	2.10	22.08	30.00	-7.92
	5710	142	CDD	MCS3	19.74	19.86	22.81	23.98	-1.17	2.10	24.91	30.00	-5.09
	5755	151	CDD	MCS5	19.88	19.83	22.86	30.00	-7.14	1.30	24.16	-	-
	5795	159	CDD	MCS5	19.86	19.70	22.79	30.00	-7.21	1.30	24.09	-	-

Table 7-93. ISED CDD/SDM Diversity 40MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed						
	5210	42	CDD	MCS0	13.41	13.12	16.28	-	-	2.00	18.28	23.01	-4.73
	5290	58	CDD	MCS0	14.44	14.41	17.44	23.98	-6.54	2.40	19.84	30.00	-10.16
	5530	106	CDD	MCS0	13.79	13.95	16.88	23.98	-7.10	2.10	18.98	30.00	-11.02
	5690	138	CDD	MCS0	19.81	19.80	22.82	23.98	-1.16	2.10	24.92	30.00	-5.08
	5775	155	CDD	MCS0	18.95	18.88	21.92	30.00	-8.08	1.30	23.22	-	-

Table 7-94. ISED CDD Diversity 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed						
	5210	42	CDD	MCS0	12.76	12.97	15.87	-	-	2.00	17.87	23.01	-5.14
	5290	58	CDD	MCS5	13.81	13.93	16.88	23.98	-7.10	2.40	19.28	30.00	-10.72
	5530	106	CDD	MCS0	13.03	13.10	16.07	23.98	-7.91	2.10	18.17	30.00	-11.83
	5690	138	CDD	MCS0	19.92	19.87	22.90	23.98	-1.08	2.10	25.00	30.00	-5.00
	5775	155	CDD	MCS0	17.65	17.86	20.76	30.00	-9.24	1.30	22.06	-	-

Table 7-95. ISED CDD Diversity 80MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed						
	5250	50	CDD	MCS5	10.99	10.84	13.93	23.98	-10.05	2.00	15.93	23.01	-7.08

Table 7-96. ISED CDD Diversity 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed						
	5250	50	CDD	MCS5	10.76	10.99	13.88	23.98	-10.10	2.00	15.88	23.01	-7.13

Table 7-97. ISED CDD Diversity 160MHz BW 802.11be (SU) (UNII) Maximum Conducted Output Power

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Note:

Per ANSI C63.10-2020 and KDB 662911 v02r01 Section E)1), the conducted powers at Antenna WF5B and Antenna WF8 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 802.11n (20MHz BW) mode, the average conducted output power was measured to be 14.68 dBm for Antenna WF5B and 14.58 dBm for Antenna WF8.

$$\text{Antenna WF5B} + \text{Antenna WF8} = \text{CDD/SDM}$$

$$(14.68 \text{ dBm} + 14.58 \text{ dBm}) = (29.376 \text{ mW} + 28.707 \text{ mW}) = 58.083 \text{ mW} = 17.64 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average MIMO conducted power was calculated to be 17.64 dBm with directional gain of 1.71 dBi.

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

$$17.64 \text{ dBm} + 1.71 \text{ dBi} = 19.35 \text{ dBm}$$

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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 ≥ 3MHz for U-NII 1, U-NII 2A, U-NII 2C; ≥ 3 x RBW for U-NII 3
5. Number of sweep points ≥ 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.

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 data rates and channels were investigated, and tabular data has been reported. Only the worst-case plot was reported.

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7.5.1 Antenna WF5B Power Spectral Density Measurements

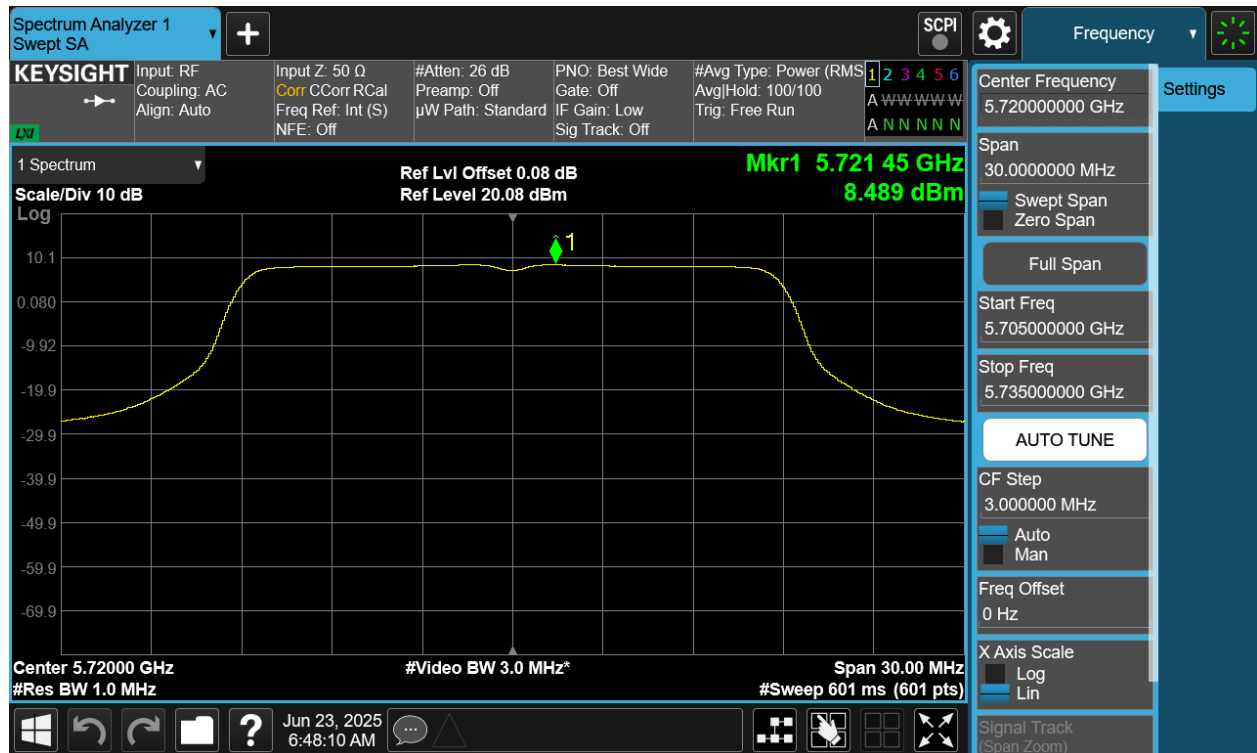
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6Mbps	6.00	11.00	-5.00
	5200	40	a	6Mbps	8.46	11.00	-2.54
	5240	48	a	36Mbps	8.36	11.00	-2.64
	5180	36	n (20MHz)	MCS0	6.00	11.00	-5.00
	5200	40	n (20MHz)	MCS3	8.32	11.00	-2.69
	5240	48	n (20MHz)	MCS3	8.28	11.00	-2.72
	5180	36	be (SU) (20MHz)	MCS3	4.36	11.00	-6.64
	5200	40	be (SU) (20MHz)	MCS0	7.54	11.00	-3.46
	5240	48	be (SU) (20MHz)	MCS0	7.51	11.00	-3.49
	5190	38	n (40MHz)	MCS0	0.70	11.00	-10.30
	5230	46	n (40MHz)	MCS0	5.54	11.00	-5.46
	5190	38	be (SU) (40MHz)	MCS0	-1.64	11.00	-12.64
	5230	46	be (SU) (40MHz)	MCS3	4.72	11.00	-6.28
	5210	42	ac (80MHz)	MCS0	-3.90	11.00	-14.90
	5210	42	be (SU) (80MHz)	MCS0	-5.15	11.00	-16.15
Band 1/2	5250	50	ac (160MHz)	MCS5	-9.12	11.00	-20.12
	5250	50	be (SU) (160MHz)	MCS5	-9.85	11.00	-20.85
Band 2A	5260	52	a	18Mbps	8.34	11.00	-2.66
	5300	60	a	18Mbps	8.28	11.00	-2.72
	5320	64	a	6Mbps	6.70	11.00	-4.30
	5260	52	n (20MHz)	MCS3	8.38	11.00	-2.62
	5300	60	n (20MHz)	MCS3	8.33	11.00	-2.68
	5320	64	n (20MHz)	MCS0	6.69	11.00	-4.31
	5260	52	be (SU) (20MHz)	MCS5	7.45	11.00	-3.55
	5300	60	be (SU) (20MHz)	MCS5	7.47	11.00	-3.53
	5320	64	be (SU) (20MHz)	MCS0	5.45	11.00	-5.55
	5270	54	n (40MHz)	MCS3	5.36	11.00	-5.64
	5310	62	n (40MHz)	MCS0	1.55	11.00	-9.45
	5270	54	be (SU) (40MHz)	MCS3	4.64	11.00	-6.36
	5310	62	be (SU) (40MHz)	MCS0	0.21	11.00	-10.79
	5290	58	ac (80MHz)	MCS0	-2.89	11.00	-13.89
	5290	58	be (SU) (80MHz)	MCS0	-3.72	11.00	-14.72
Band 2C	5500	100	a	18Mbps	4.60	11.00	-6.40
	5580	116	a	36Mbps	8.46	11.00	-2.54
	5720	144	a	6Mbps	8.49	11.00	-2.51
	5500	100	n (20MHz)	MCS3	4.64	11.00	-6.36
	5580	116	n (20MHz)	MCS0	8.40	11.00	-2.60
	5720	144	n (20MHz)	MCS5	8.38	11.00	-2.62
	5500	100	be (SU) (20MHz)	MCS0	4.20	11.00	-6.80
	5580	116	be (SU) (20MHz)	MCS3	7.25	11.00	-3.75
	5720	144	be (SU) (20MHz)	MCS3	7.45	11.00	-3.55
	5510	102	n (40MHz)	MCS0	0.81	11.00	-10.19
	5550	110	n (40MHz)	MCS0	5.15	11.00	-5.86
	*5590	118	n (40MHz)	MCS5	5.59	11.00	-5.41
	5670	134	n (40MHz)	MCS0	2.70	11.00	-8.30
	5710	142	n (40MHz)	MCS3	5.35	11.00	-5.65
	5510	102	be (SU) (40MHz)	MCS0	-1.64	11.00	-12.64
	5550	110	be (SU) (40MHz)	MCS0	3.71	11.00	-7.29
	5710	142	be (SU) (40MHz)	MCS3	4.55	11.00	-6.45
	5530	106	ac (80MHz)	MCS0	-3.70	11.00	-14.70
	*5610	122	ac (80MHz)	MCS0	1.10	11.00	-9.90
	5690	138	ac (80MHz)	MCS3	2.34	11.00	-8.66
	5530	106	be (SU) (80MHz)	MCS0	-4.21	11.00	-15.21
	*5610	122	be (SU) (80MHz)	MCS0	-0.01	11.00	-11.01
	5690	138	be (SU) (80MHz)	MCS3	1.53	11.00	-9.47
	*5570	114	ac (160MHz)	MCS3	-7.50	11.00	-18.50
	*5570	114	be (SU) (160MHz)	MCS0	-7.66	11.00	-18.66

Table 7-98. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF5B

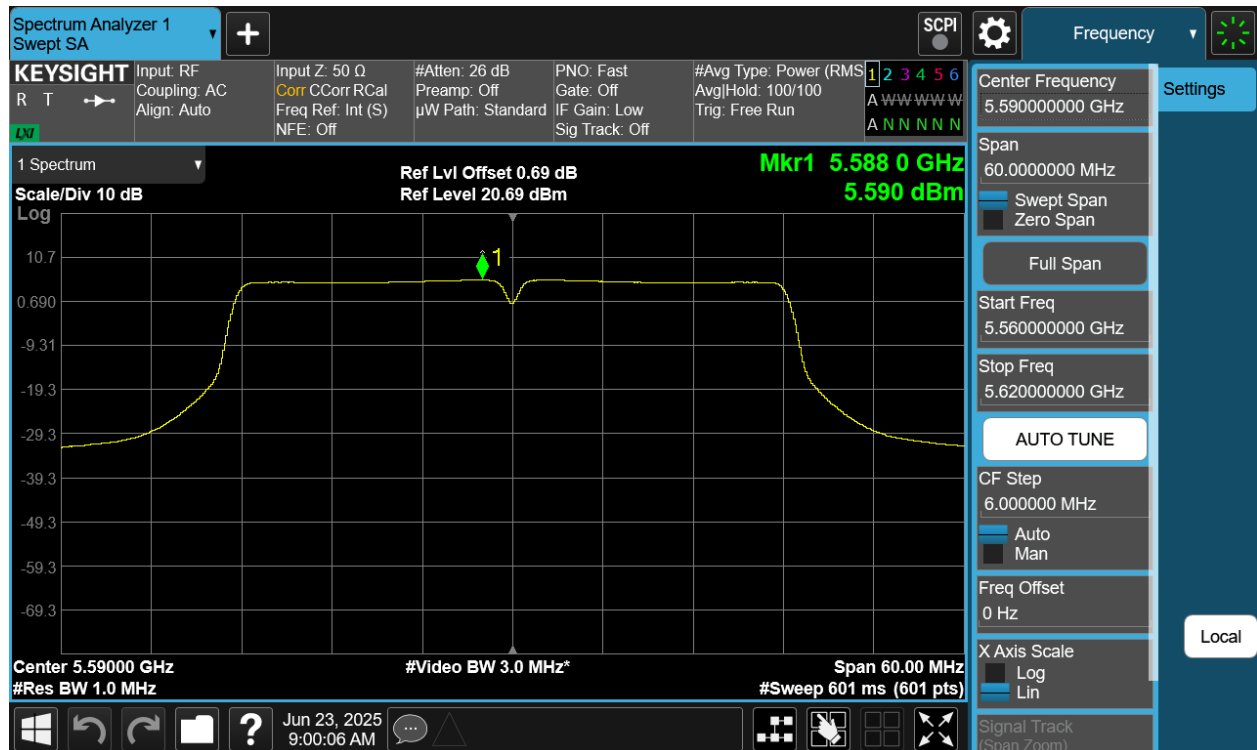
*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

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Plot 7-22 PSD Antenna WF5B (20MHz BW 802.11a - Ch.144)

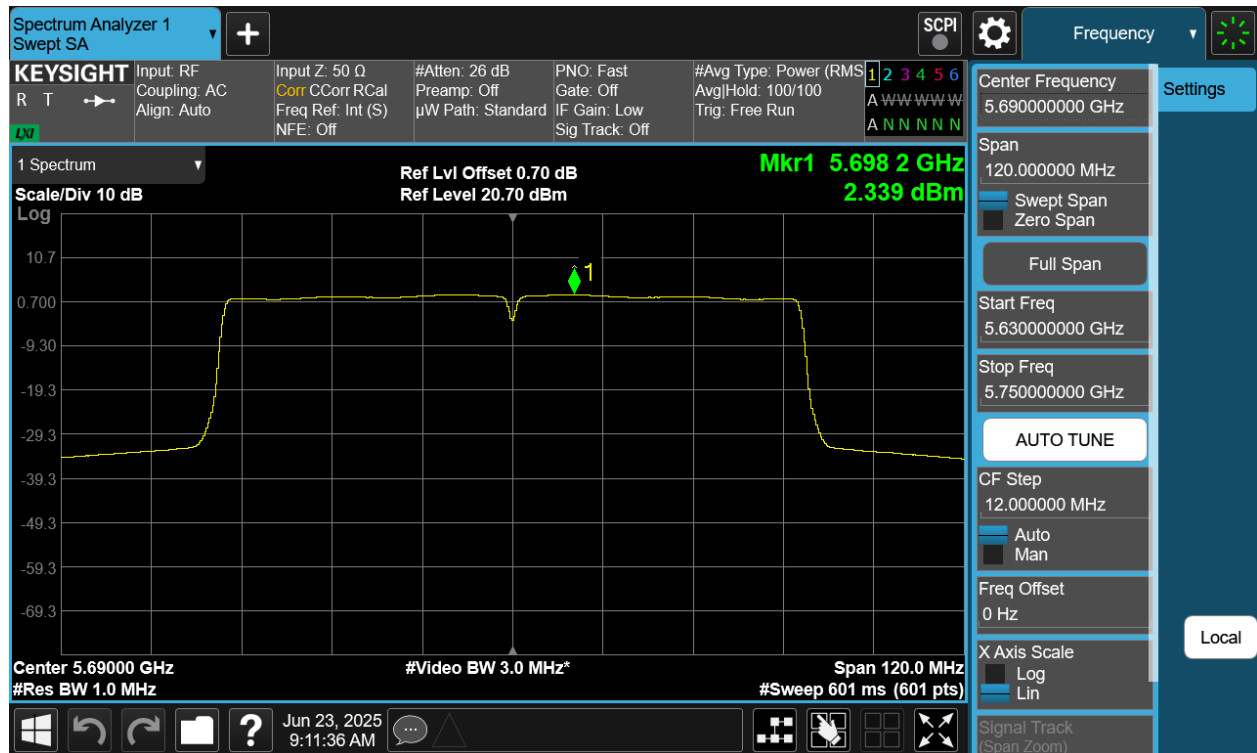


Plot 7-23 PSD Antenna WF5B (40MHz BW 802.11n - Ch.118)

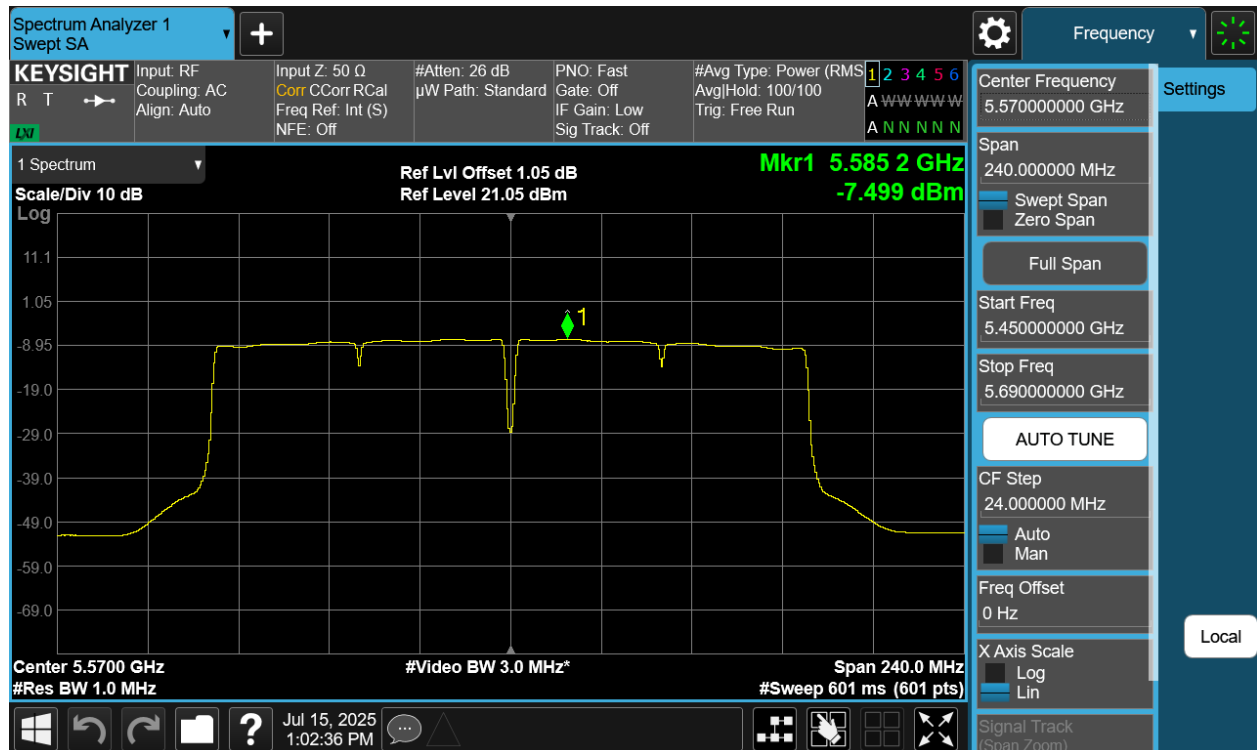
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 70 of 261

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Plot 7-24 PSD Antenna WF5B (80MHz BW 802.11ac - Ch.138)



Plot 7-25 PSD Antenna WF5B (160MHz BW 802.11ac - Ch.114)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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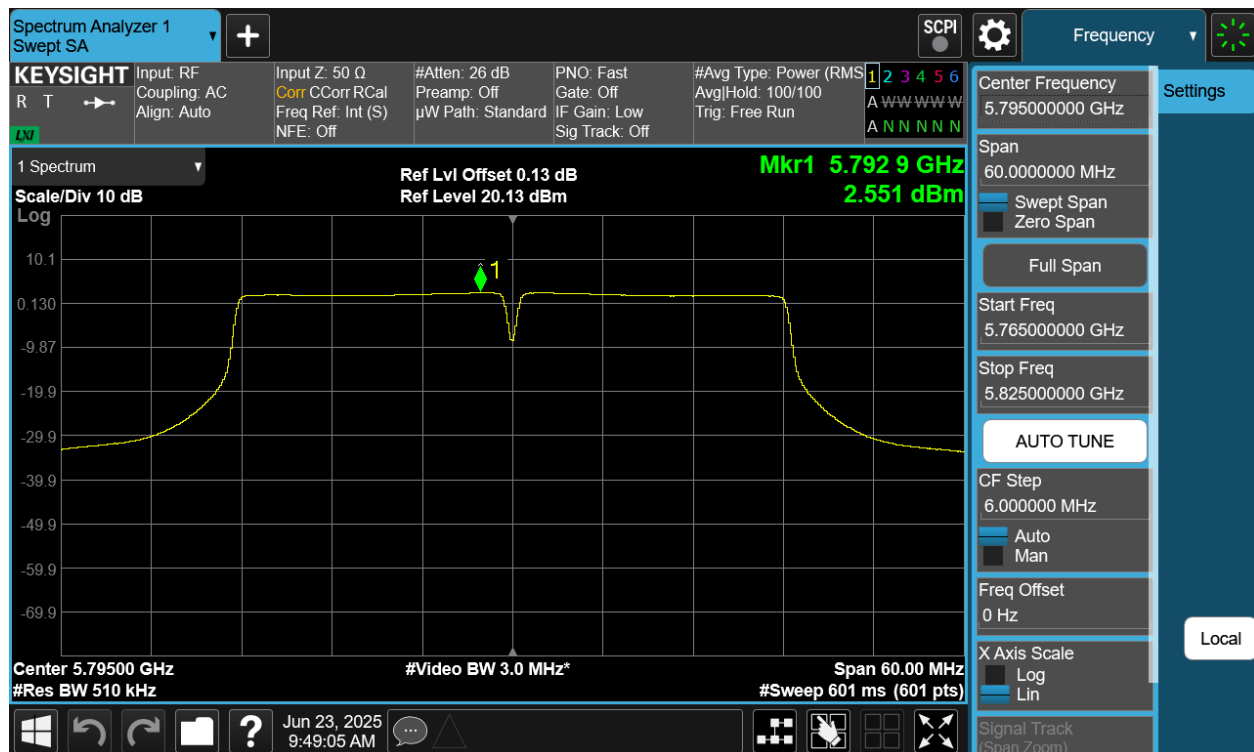
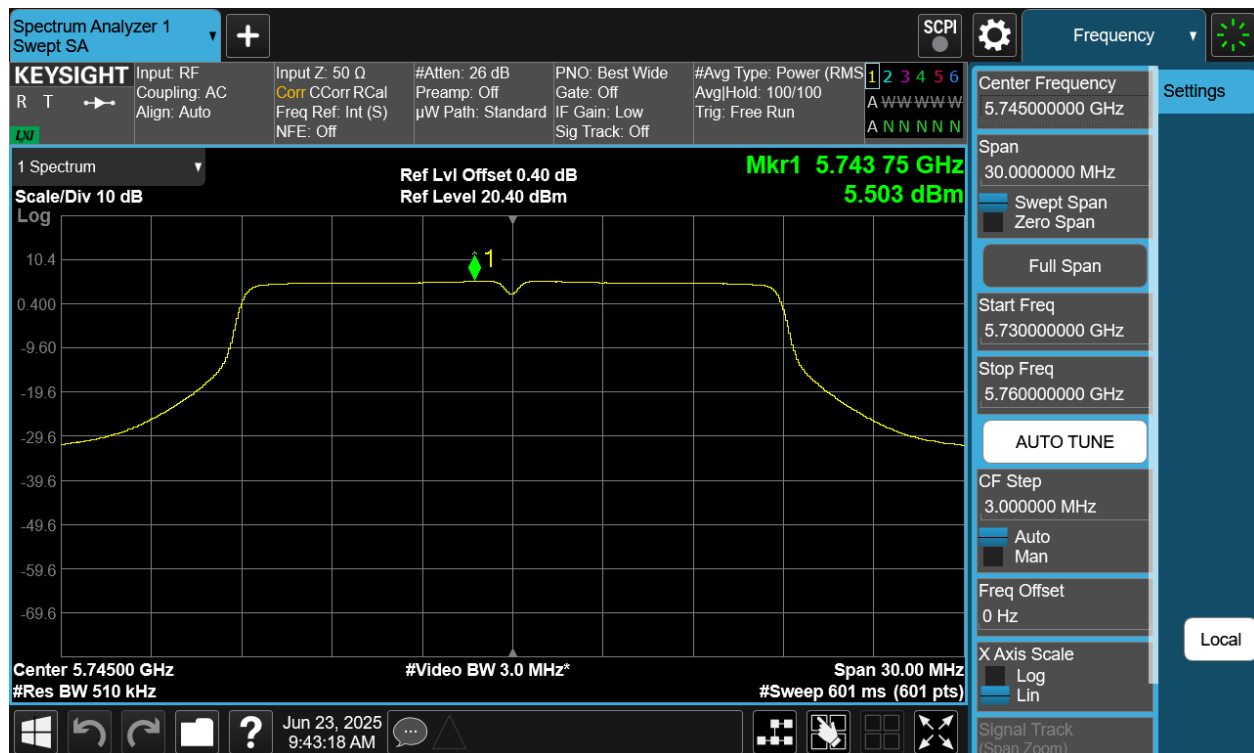
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	Frequency [MHz]	Channel	802.11 MODE	Data Rate	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	a	36Mbps	5.42	30.0	-24.6
	5785	157	a	18Mbps	5.41	30.0	-24.6
	5825	165	a	18Mbps	5.44	30.0	-24.6
	5745	149	n (20MHz)	MCS5	5.50	30.0	-24.50
	5785	157	n (20MHz)	MCS3	5.48	30.0	-24.52
	5825	165	n (20MHz)	MCS3	5.50	30.0	-24.50
	5745	149	be (SU) (20MHz)	MCS5	4.36	30.0	-25.64
	5785	157	be (SU) (20MHz)	MCS0	4.37	30.0	-25.63
	5825	165	be (SU) (20MHz)	MCS0	4.38	30.0	-25.62
	5755	151	n (40MHz)	MCS5	2.52	30.0	-27.48
	5795	159	n (40MHz)	MCS0	2.55	30.0	-27.45
	5755	151	be (SU) (40MHz)	MCS3	1.50	30.0	-28.50
	5795	159	be (SU) (40MHz)	MCS3	1.42	30.0	-28.58
	5775	155	ac (80MHz)	MCS0	-1.22	30.0	-31.22
	5775	155	be (SU) (80MHz)	MCS0	-3.25	30.0	-33.25

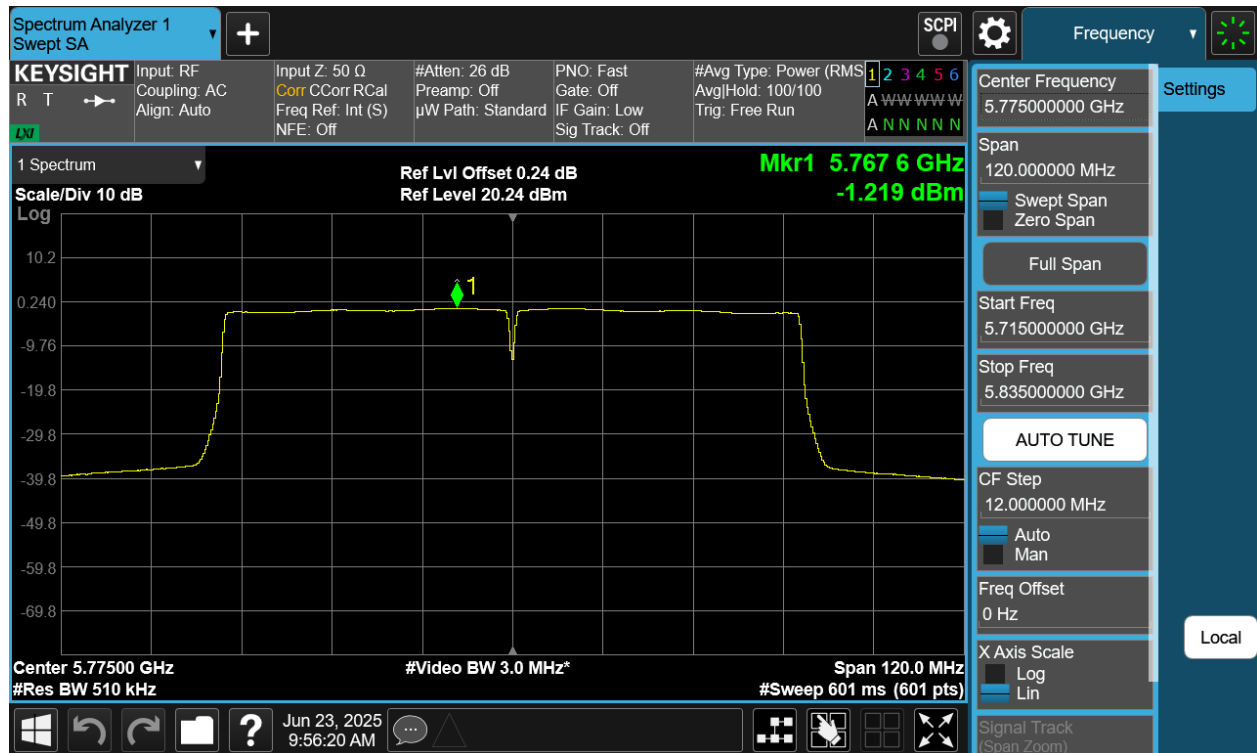
Table 7-99. Band 3 Power Spectral Density Measurements Antenna WF5B

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 72 of 261

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FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 73 of 261



Plot 7-28 PSD Antenna WF5B (80MHz BW 802.11ac - Ch.155)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 74 of 261

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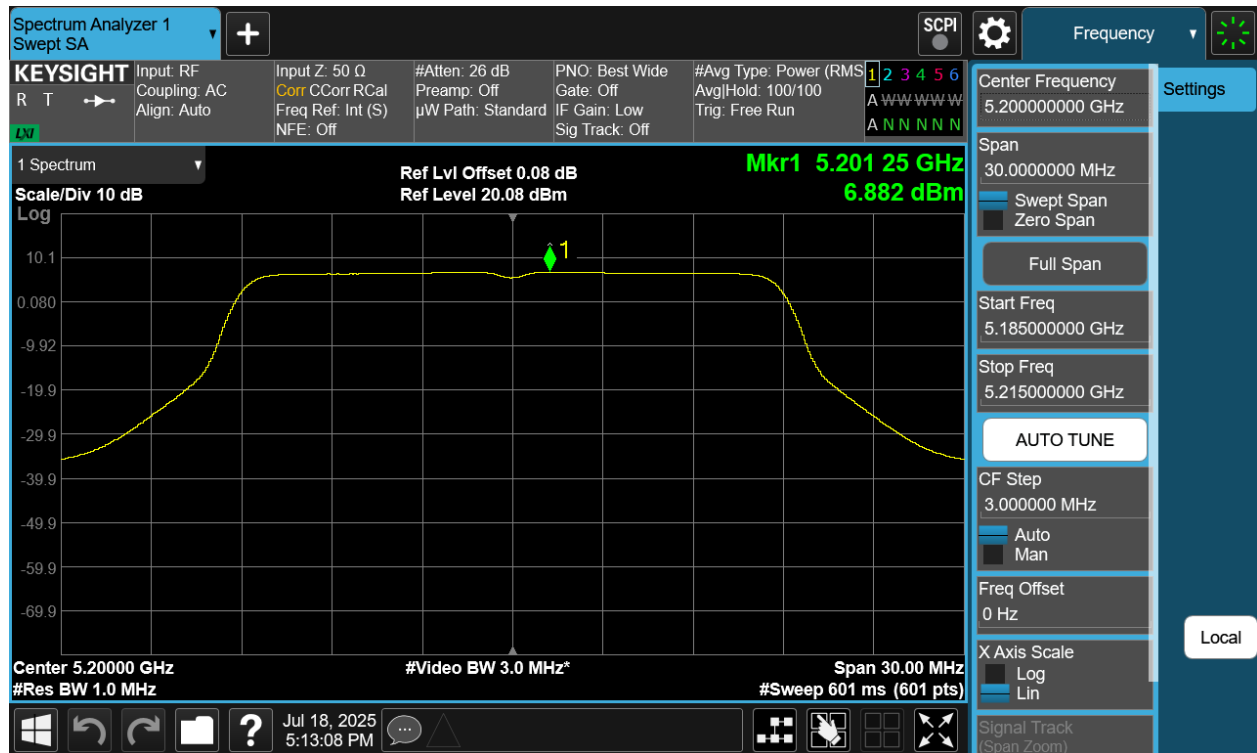
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6Mbps	5.83	1.40	7.23	10.0	-2.77
	5200	40	a	36Mbps	6.57	1.40	7.97	10.0	-2.03
	5240	48	a	18Mbps	6.76	1.40	8.16	10.0	-1.84
	5180	36	n (20MHz)	MCS0	5.84	1.40	7.24	10.0	-2.76
	5200	40	n (20MHz)	MCS0	6.88	1.40	8.28	10.0	-1.72
	5240	48	n (20MHz)	MCS3	6.81	1.40	8.21	10.0	-1.79
	5180	36	be (SU) (20MHz)	MCS3	4.72	1.40	6.12	10.0	-3.88
	5200	40	be (SU) (20MHz)	MCS0	6.61	1.40	8.01	10.0	-1.99
	5240	48	be (SU) (20MHz)	MCS0	6.64	1.40	8.04	10.0	-1.96
	5190	38	n (40MHz)	MCS0	0.40	1.40	1.80	10.0	-8.20
	5230	46	n (40MHz)	MCS0	4.83	1.40	6.23	10.0	-3.77
	5190	38	be (SU) (40MHz)	MCS0	-1.33	1.40	0.07	10.0	-9.93
	5230	46	be (SU) (40MHz)	MCS0	4.99	1.40	6.39	10.0	-3.61
	5210	42	ac (80MHz)	MCS0	-4.05	1.40	-2.65	10.0	-12.65
Band 1/2	5210	42	be (SU) (80MHz)	MCS0	-4.87	1.40	-3.47	10.0	-13.47
	5250	50	ac (160MHz)	MCS5	-9.29	1.40	-7.89	10.0	-17.89
	5250	50	be (SU) (160MHz)	MCS5	-9.66	1.40	-8.26	10.0	-18.26

Table 7-100. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5B

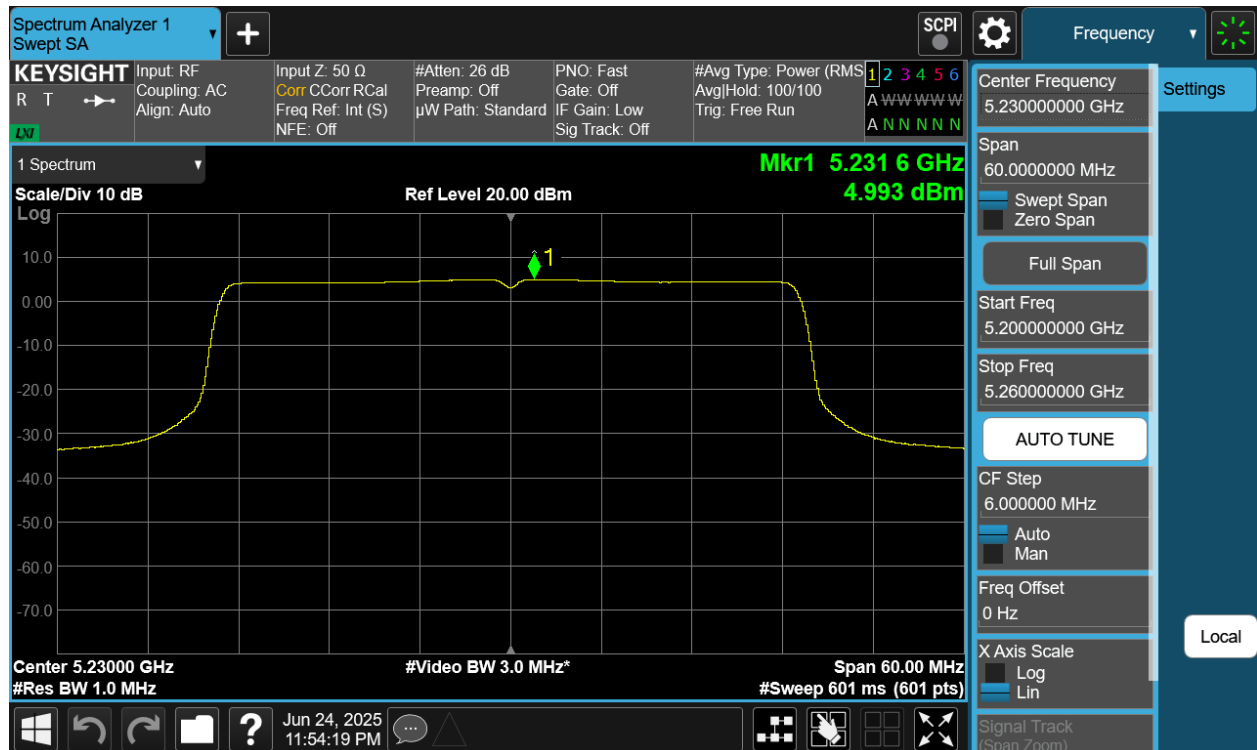
FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 75 of 261

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Plot 7-29 PSD Antenna WF5B (20MHz BW 802.11n - Ch.40)

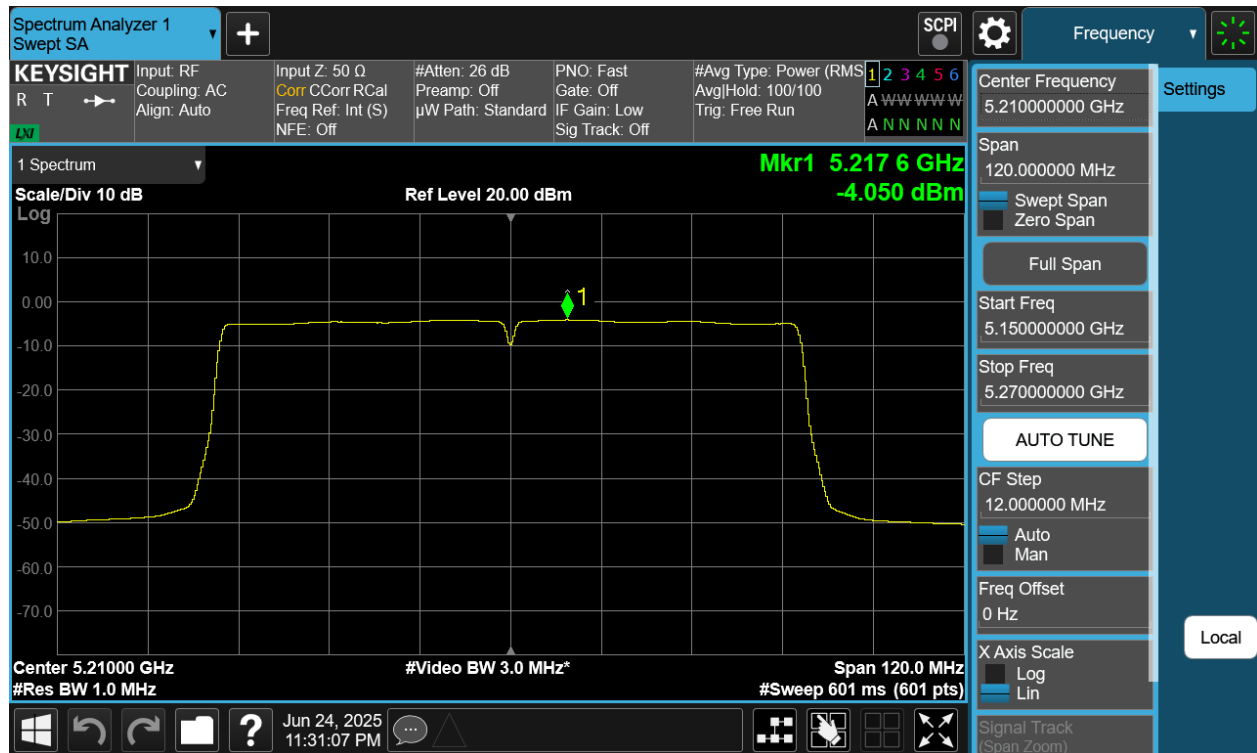


Plot 7-30 PSD Antenna WF5B (40MHz BW 802.11be(SU) - Ch.46)

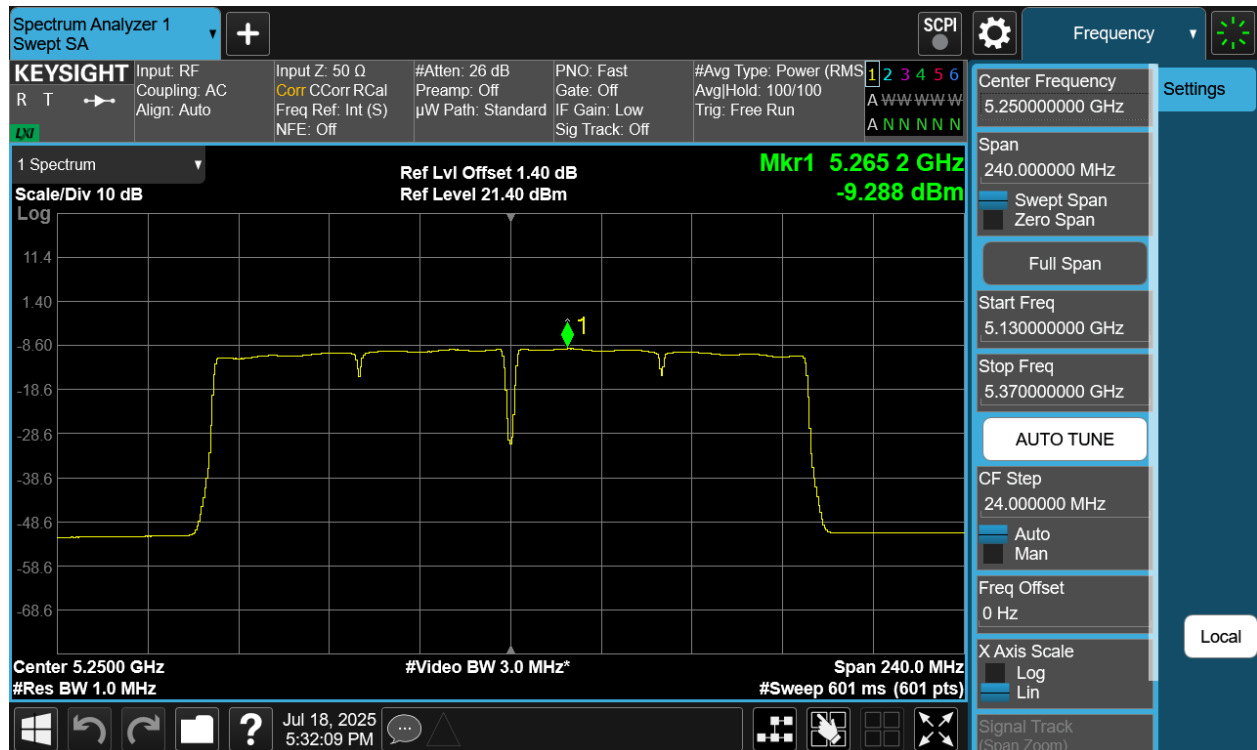
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 76 of 261

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Plot 7-31 PSD Antenna WF5B (80MHz BW 802.11ac - Ch.42)



Plot 7-32 PSD Antenna WF5B (160MHz BW 802.11ac - Ch.50)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 77 of 261

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7.5.3 Antenna WF8 Power Spectral Density Measurements

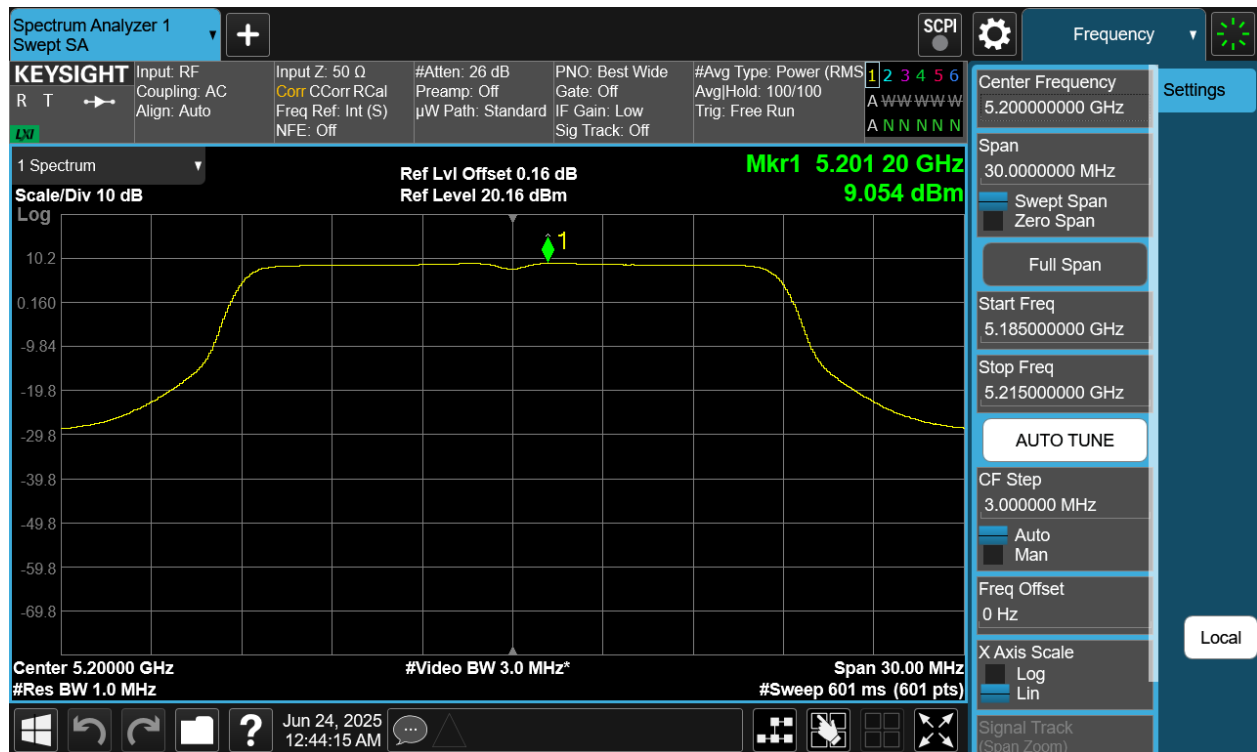
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6Mbps	6.25	11.00	-4.75
	5200	40	a	18Mbps	9.05	11.00	-1.95
	5240	48	a	18Mbps	9.01	11.00	-1.99
	5180	36	n (20MHz)	MCS0	6.26	11.00	-4.74
	5200	40	n (20MHz)	MCS3	8.89	11.00	-2.11
	5240	48	n (20MHz)	MCS3	8.83	11.00	-2.17
	5180	36	be (SU) (20MHz)	MCS3	4.58	11.00	-6.42
	5200	40	be (SU) (20MHz)	MCS5	8.09	11.00	-2.91
	5240	48	be (SU) (20MHz)	MCS0	8.04	11.00	-2.96
	5190	38	n (40MHz)	MCS0	0.74	11.00	-10.26
	5230	46	n (40MHz)	MCS5	4.89	11.00	-6.12
	5190	38	be (SU) (40MHz)	MCS5	-1.60	11.00	-12.60
	5230	46	be (SU) (40MHz)	MCS5	4.36	11.00	-6.64
	5210	42	ac (80MHz)	MCS0	-3.69	11.00	-14.69
	5210	42	be (SU) (80MHz)	MCS0	-5.08	11.00	-16.08
Band 1/2	5250	50	ac (160MHz)	MCS5	-9.07	11.00	-20.07
	5250	50	be (SU) (160MHz)	MCS5	-9.74	11.00	-20.74
Band 2A	5260	52	a	36Mbps	8.90	11.00	-2.10
	5300	60	a	6Mbps	8.87	11.00	-2.14
	5320	64	a	6Mbps	6.65	11.00	-4.35
	5260	52	n (20MHz)	MCS5	8.96	11.00	-2.04
	5300	60	n (20MHz)	MCS5	8.94	11.00	-2.06
	5320	64	n (20MHz)	MCS0	6.63	11.00	-4.37
	5260	52	be (SU) (20MHz)	MCS5	8.14	11.00	-2.86
	5300	60	be (SU) (20MHz)	MCS5	8.18	11.00	-2.82
	5320	64	be (SU) (20MHz)	MCS0	5.40	11.00	-5.61
	5270	54	n (40MHz)	MCS3	5.87	11.00	-5.13
	5310	62	n (40MHz)	MCS0	1.89	11.00	-9.11
	5270	54	be (SU) (40MHz)	MCS3	5.06	11.00	-5.94
	5310	62	be (SU) (40MHz)	MCS0	0.45	11.00	-10.55
	5290	58	ac (80MHz)	MCS0	-2.73	11.00	-13.73
	5290	58	be (SU) (80MHz)	MCS0	-3.74	11.00	-14.74
Band 2C	5500	100	a	6Mbps	5.61	11.00	-5.39
	5580	116	a	6Mbps	8.84	11.00	-2.16
	5720	144	a	18Mbps	8.81	11.00	-2.19
	5500	100	n (20MHz)	MCS0	5.62	11.00	-5.38
	5580	116	n (20MHz)	MCS5	8.94	11.00	-2.06
	5720	144	n (20MHz)	MCS0	8.95	11.00	-2.05
	5500	100	be (SU) (20MHz)	MCS3	4.56	11.00	-6.44
	5580	116	be (SU) (20MHz)	MCS5	8.00	11.00	-3.00
	5720	144	be (SU) (20MHz)	MCS3	8.06	11.00	-2.94
	5510	102	n (40MHz)	MCS3	0.82	11.00	-10.18
	5550	110	n (40MHz)	MCS0	4.70	11.00	-6.30
	*5590	118	n (40MHz)	MCS3	5.96	11.00	-5.04
	5670	134	n (40MHz)	MCS0	3.27	11.00	-7.74
	5710	142	n (40MHz)	MCS0	5.91	11.00	-5.09
	5510	102	be (SU) (40MHz)	MCS0	-1.01	11.00	-12.01
	5550	110	be (SU) (40MHz)	MCS0	3.77	11.00	-7.23
	5710	142	be (SU) (40MHz)	MCS3	5.12	11.00	-5.88
	5530	106	ac (80MHz)	MCS0	-3.12	11.00	-14.12
	*5610	122	ac (80MHz)	MCS0	0.93	11.00	-10.07
	5690	138	ac (80MHz)	MCS5	2.72	11.00	-8.29
	5530	106	be (SU) (80MHz)	MCS0	-4.14	11.00	-15.14
	*5610	122	be (SU) (80MHz)	MCS0	0.16	11.00	-10.84
	5690	138	be (SU) (80MHz)	MCS5	2.36	11.00	-8.64
	*5570	114	ac (160MHz)	MCS0	-7.61	11.00	-18.61
	*5570	114	be (SU) (160MHz)	MCS3	-7.36	11.00	-18.36

Table 7-101. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF8

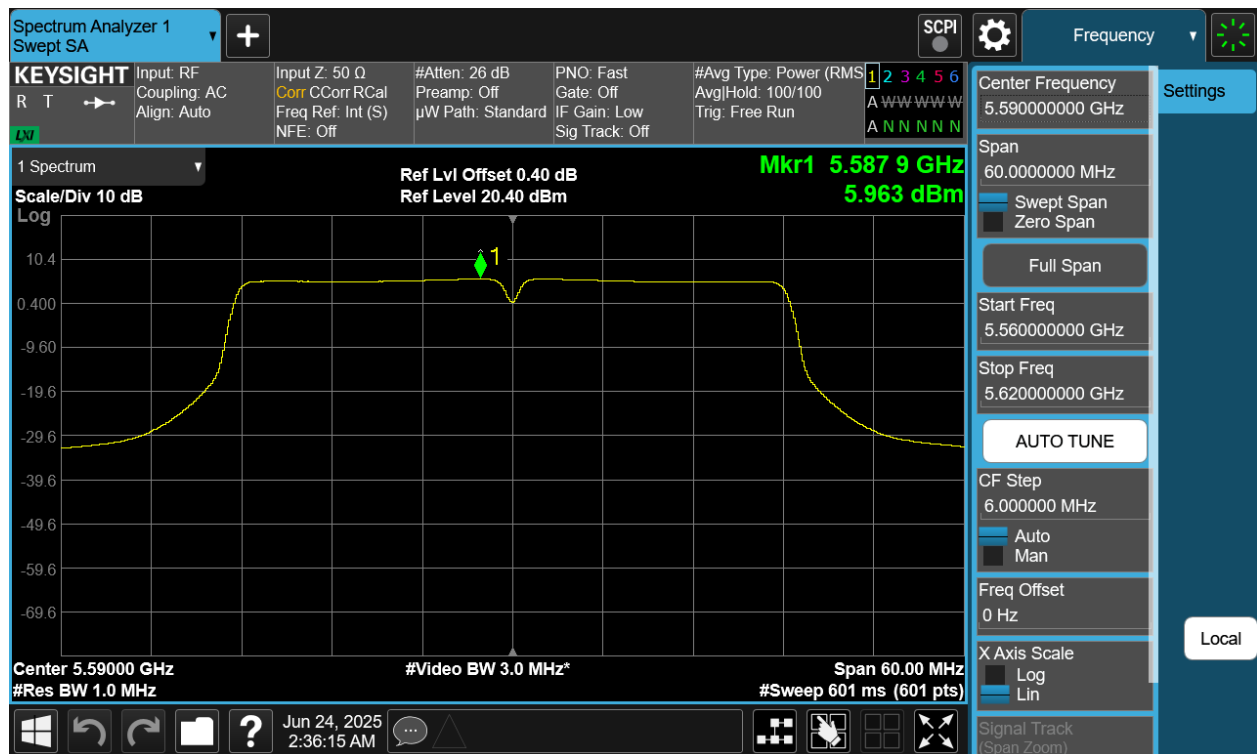
*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 78 of 261

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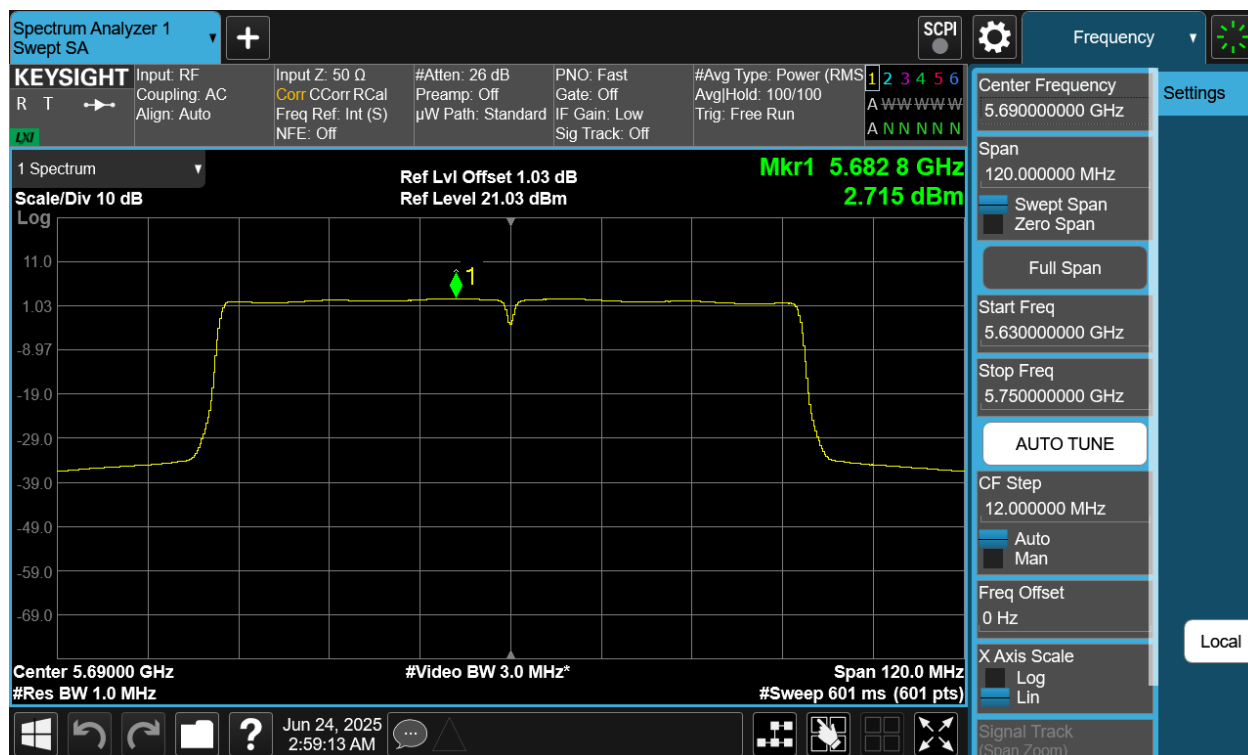


Plot 7-33 PSD Antenna WF8 (20MHz BW 802.11a - Ch.40)

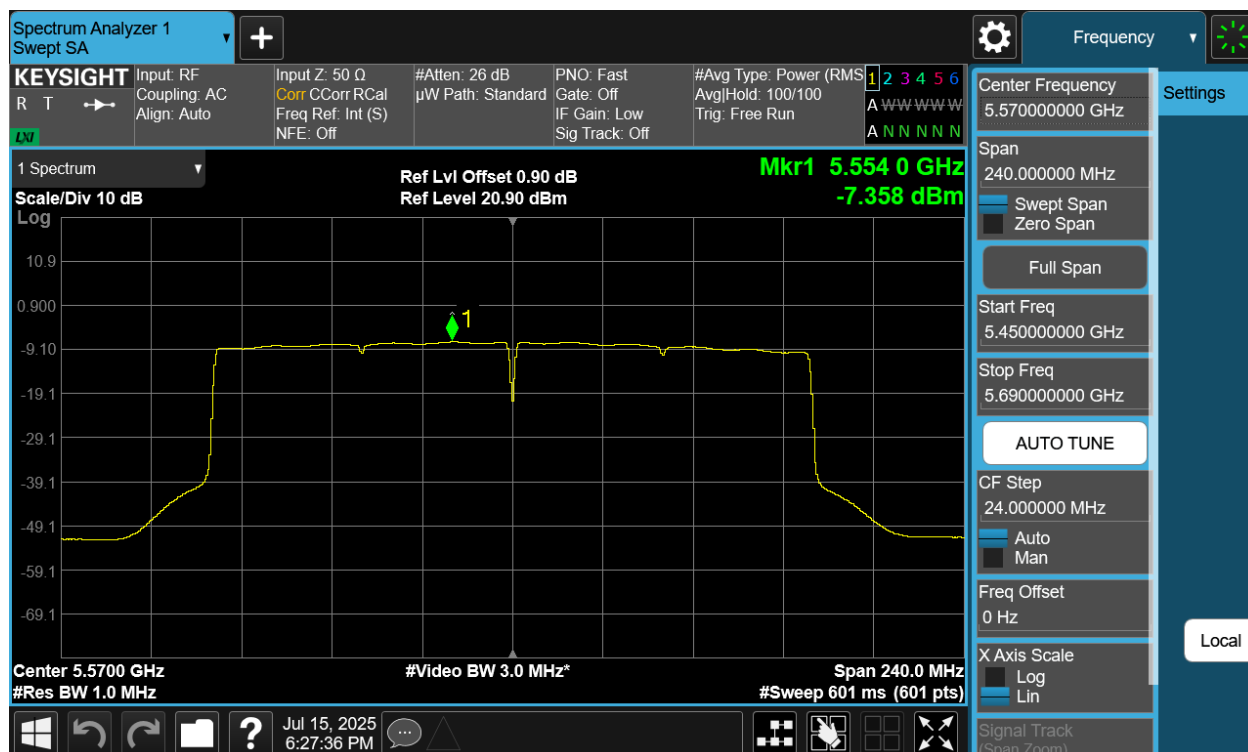


Plot 7-34 PSD Antenna WF8 (40MHz BW 802.11n - Ch.118)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 79 of 261



Plot 7-35 PSD Antenna WF8 (80MHz BW 802.11ac - Ch.138)



Plot 7-36 PSD Antenna WF8 (160MHz BW 802.11be(SU) - Ch.114)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 80 of 261

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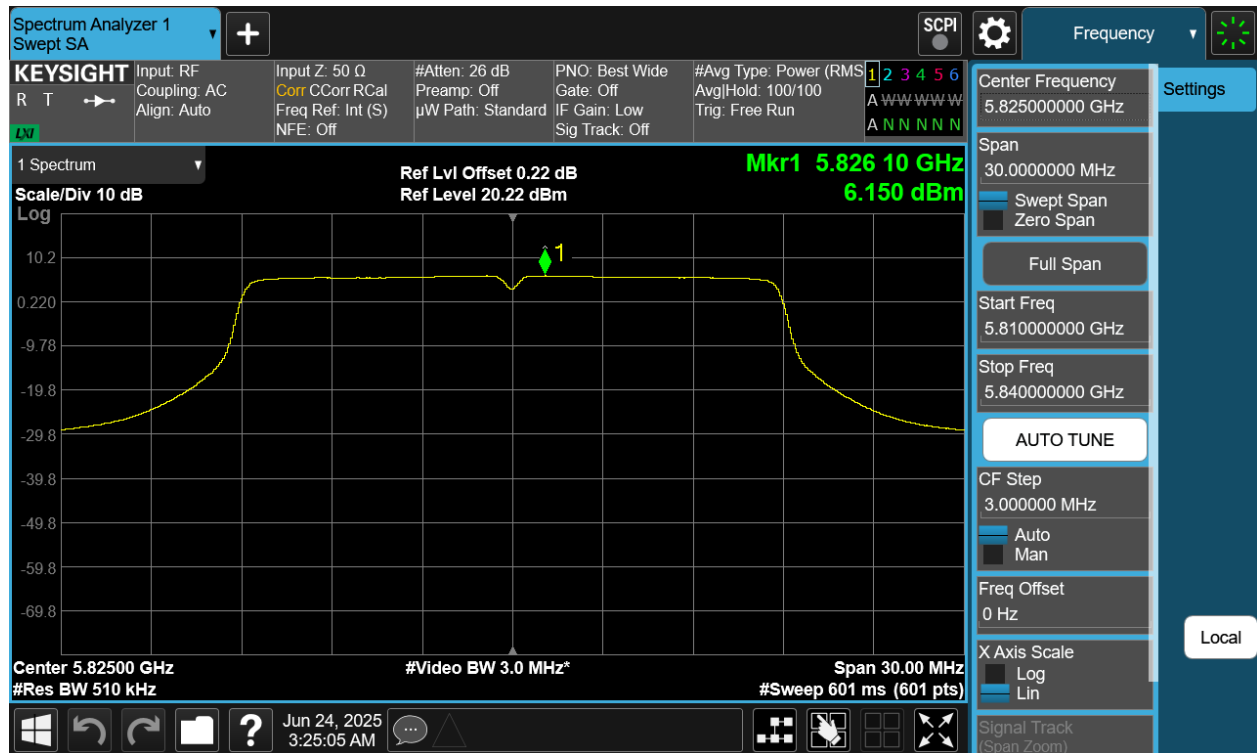
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	Frequency [MHz]	Channel	802.11 MODE	Data Rate	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	a	18Mbps	5.93	30.0	-24.1
	5785	157	a	18Mbps	6.00	30.0	-24.0
	5825	165	a	18Mbps	6.11	30.0	-23.9
	5745	149	n (20MHz)	MCS3	5.97	30.0	-24.03
	5785	157	n (20MHz)	MCS3	6.04	30.0	-23.96
	5825	165	n (20MHz)	MCS3	6.15	30.0	-23.85
	5745	149	be (SU) (20MHz)	MCS3	5.28	30.0	-24.73
	5785	157	be (SU) (20MHz)	MCS3	5.24	30.0	-24.76
	5825	165	be (SU) (20MHz)	MCS3	5.14	30.0	-24.86
	5755	151	n (40MHz)	MCS0	2.93	30.0	-27.07
	5795	159	n (40MHz)	MCS0	2.95	30.0	-27.05
	5755	151	be (SU) (40MHz)	MCS3	2.03	30.0	-27.97
	5795	159	be (SU) (40MHz)	MCS3	2.02	30.0	-27.98
	5775	155	ac (80MHz)	MCS0	-1.34	30.0	-31.34
	5775	155	be (SU) (80MHz)	MCS3	-2.76	30.0	-32.76

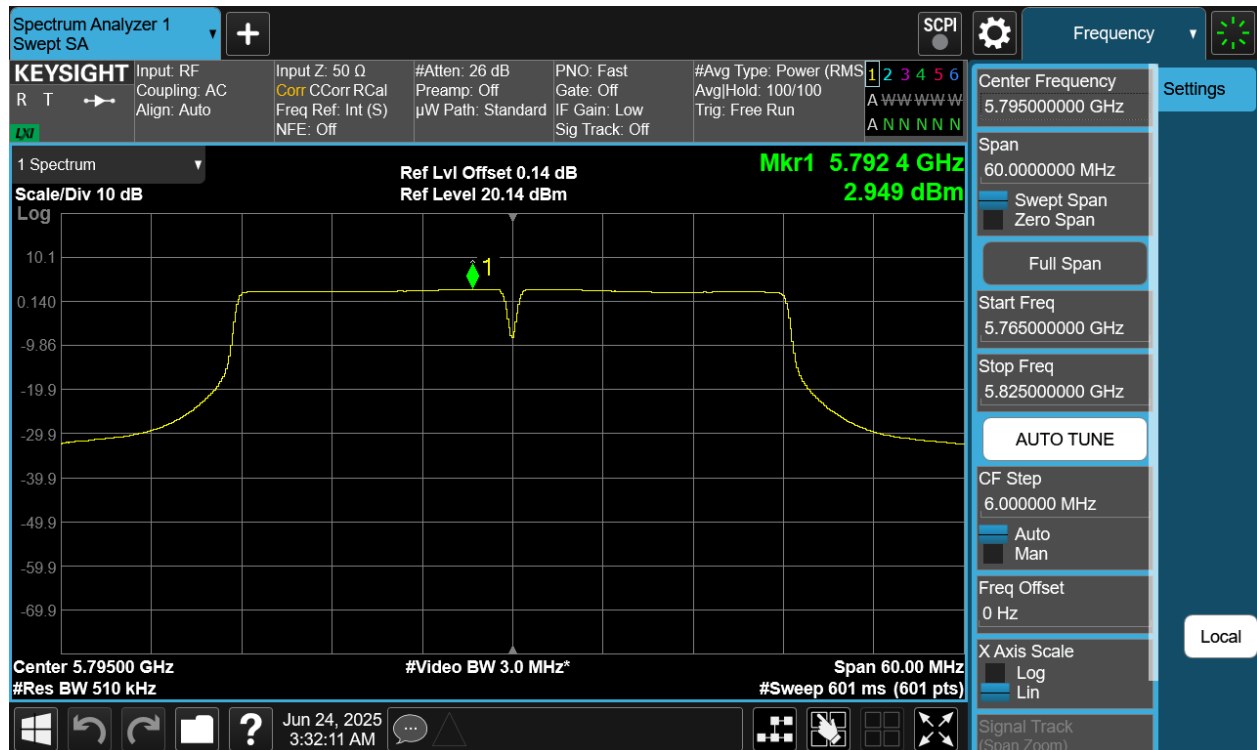
Table 7-102. Band 3 Power Spectral Density Measurements Antenna WF8

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 81 of 261

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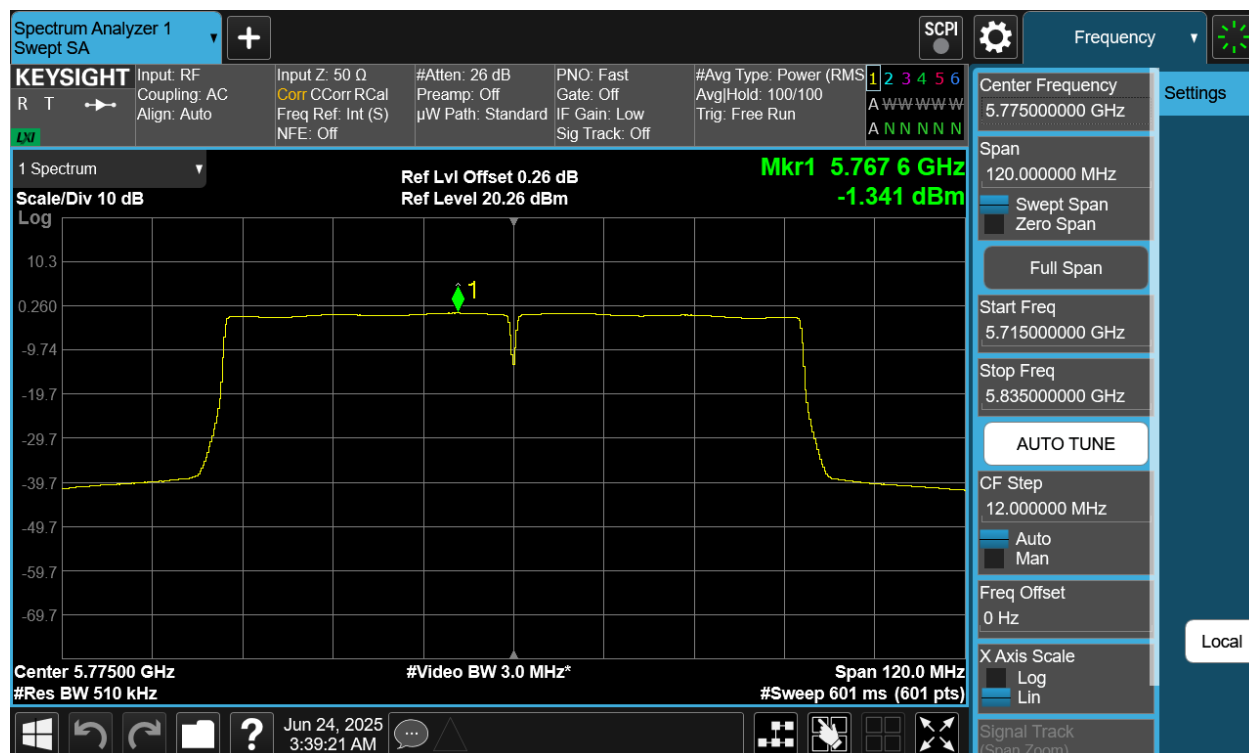


Plot 7-37 PSD Antenna WF8 (20MHz BW 802.11n - Ch.165)



Plot 7-38 PSD Antenna WF8 (40MHz BW 802.11n - Ch.159)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 82 of 261



Plot 7-39 PSD Antenna WF8 (80MHz BW 802.11ac - Ch.155)

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 83 of 261

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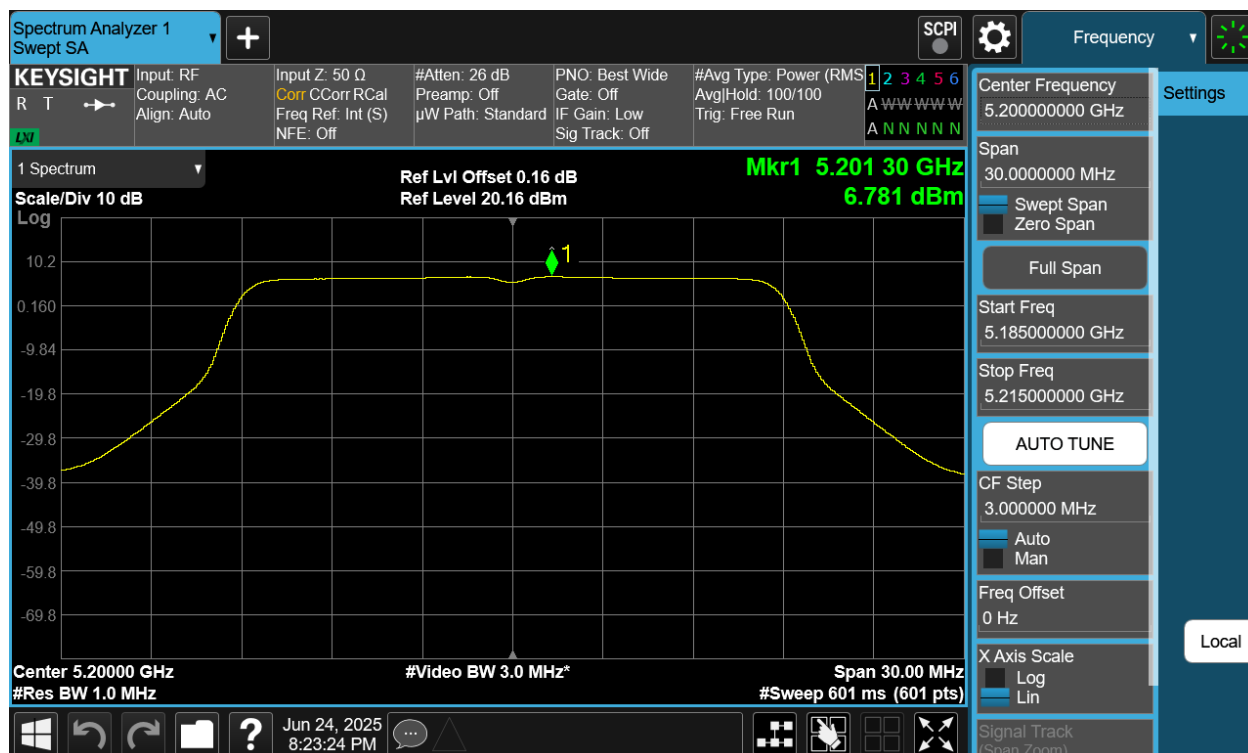
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	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	18Mbps	5.83	2.00	7.83	10.0	-2.17
	5200	40	a	18Mbps	6.78	2.00	8.78	10.0	-1.22
	5240	48	a	36Mbps	6.46	2.00	8.46	10.0	-1.54
	5180	36	n (20MHz)	MCS0	5.68	2.00	7.68	10.0	-2.32
	5200	40	n (20MHz)	MCS3	6.50	2.00	8.50	10.0	-1.50
	5240	48	n (20MHz)	MCS5	6.42	2.00	8.42	10.0	-1.59
	5180	36	be (SU) (20MHz)	MCS0	4.73	2.00	6.73	10.0	-3.27
	5200	40	be (SU) (20MHz)	MCS0	6.58	2.00	8.58	10.0	-1.42
	5240	48	be (SU) (20MHz)	MCS3	6.22	2.00	8.22	10.0	-1.78
	5190	38	n (40MHz)	MCS0	0.95	2.00	2.95	10.0	-7.05
	5230	46	n (40MHz)	MCS5	5.28	2.00	7.28	10.0	-2.72
	5190	38	be (SU) (40MHz)	MCS3	-1.37	2.00	0.63	10.0	-9.37
	5230	46	be (SU) (40MHz)	MCS0	5.08	2.00	7.08	10.0	-2.92
	5210	42	ac (80MHz)	MCS0	-3.81	2.00	-1.81	10.0	-11.81
	5210	42	be (SU) (80MHz)	MCS0	-4.89	2.00	-2.89	10.0	-12.89
Band 1/2	5250	50	ac (160MHz)	MCS5	-9.33	2.00	-7.33	10.0	-17.33
	5250	50	be (SU) (160MHz)	MCS5	-9.41	2.00	-7.41	10.0	-17.41

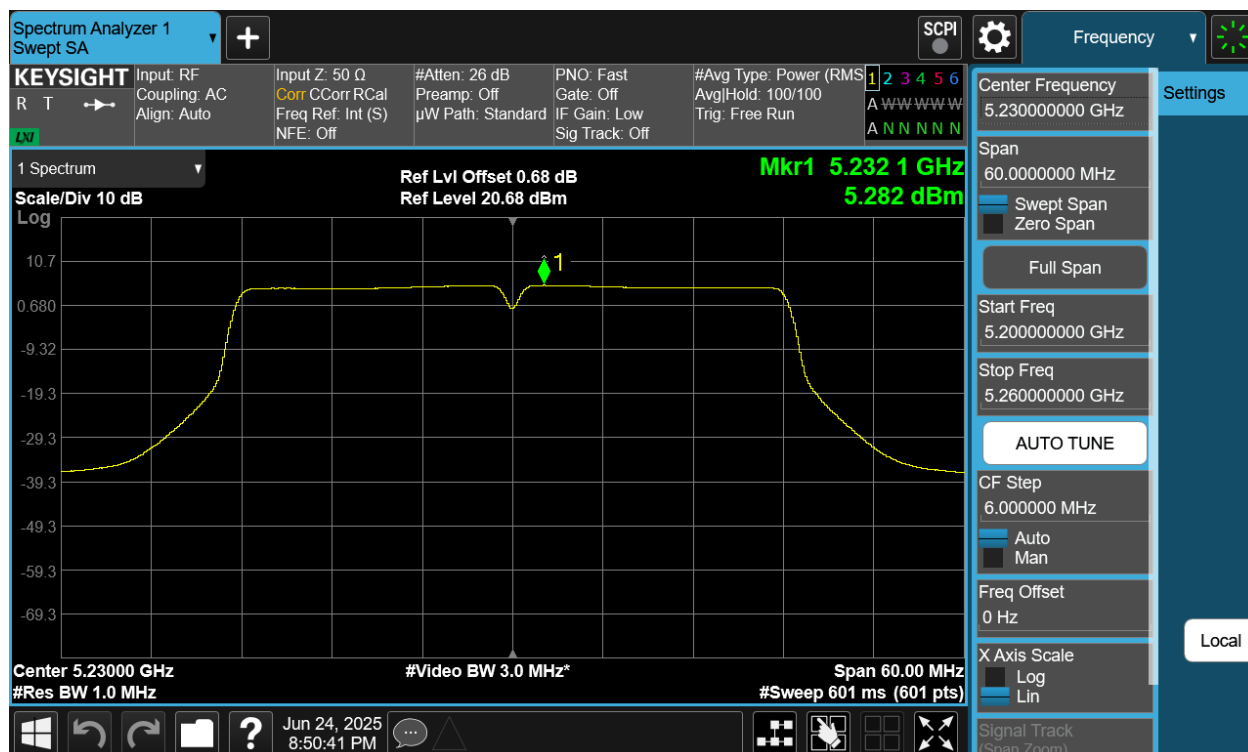
Table 7-103. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF8

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 84 of 261

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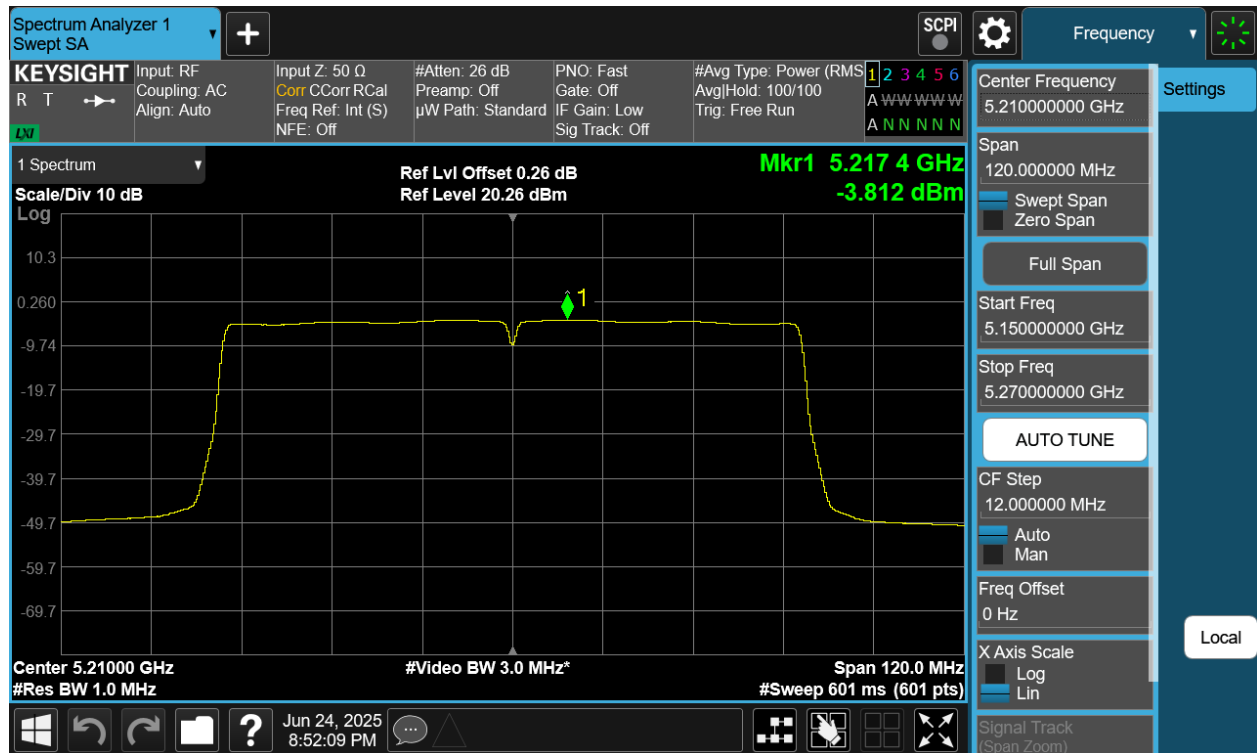


Plot 7-40 PSD Antenna WF8 (20MHz BW 802.11a - Ch.40)

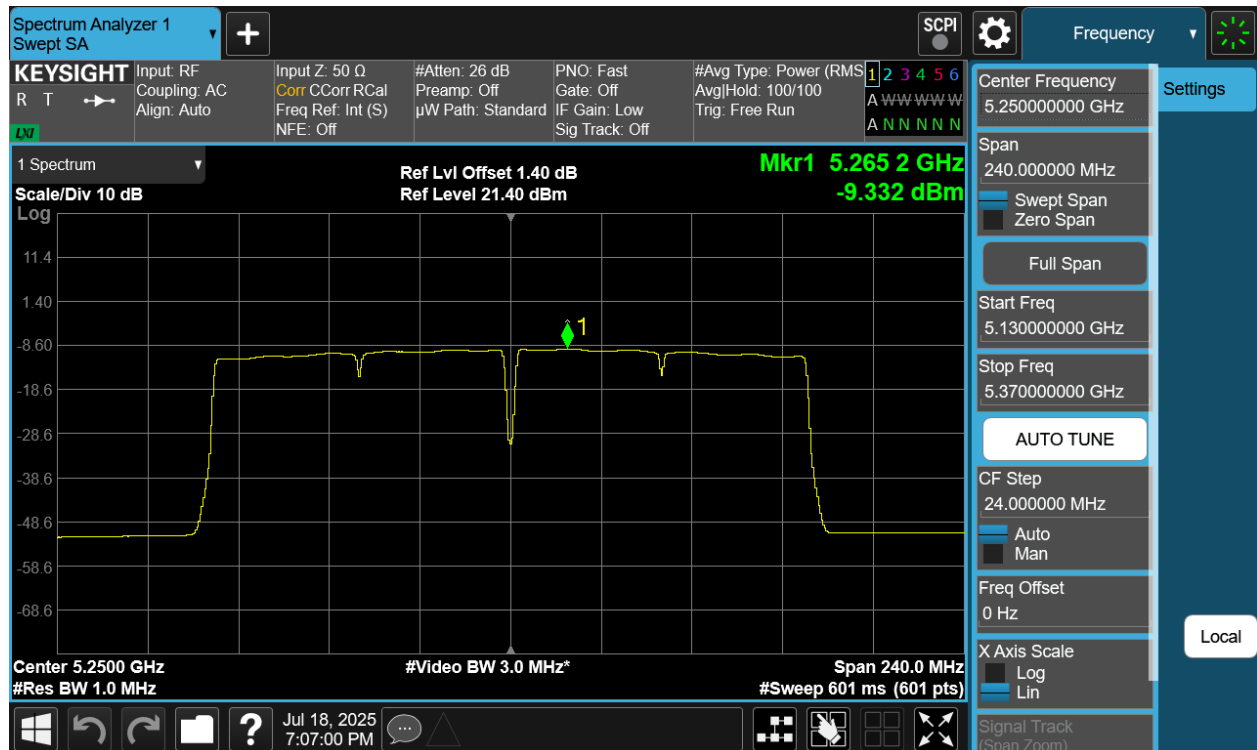


Plot 7-41 PSD Antenna WF8 (40MHz BW 802.11n - Ch.46)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 85 of 261



Plot 7-42 PSD Antenna WF8 (80MHz BW 802.11ac - Ch.42)



Plot 7-43 PSD Antenna WF8 (160MHz BW 802.11ac - Ch.50)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 86 of 261

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7.5.4 Antenna WF7 Power Spectral Density Measurements

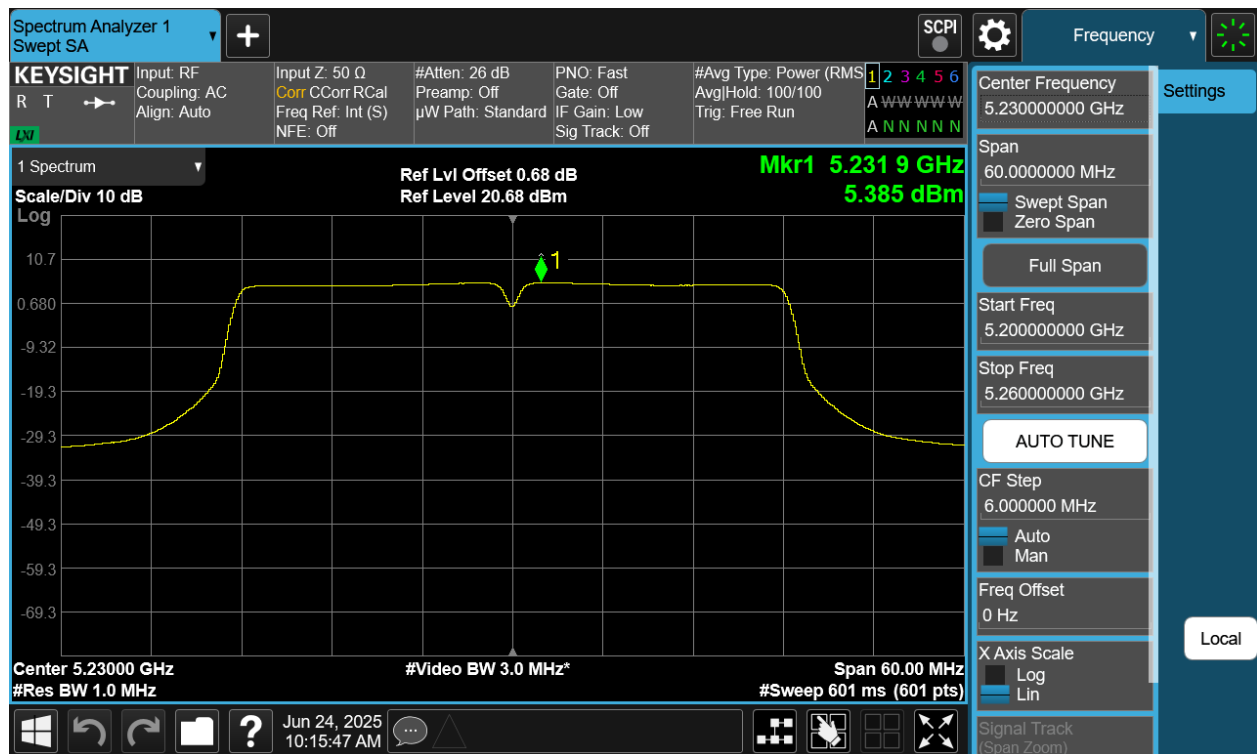
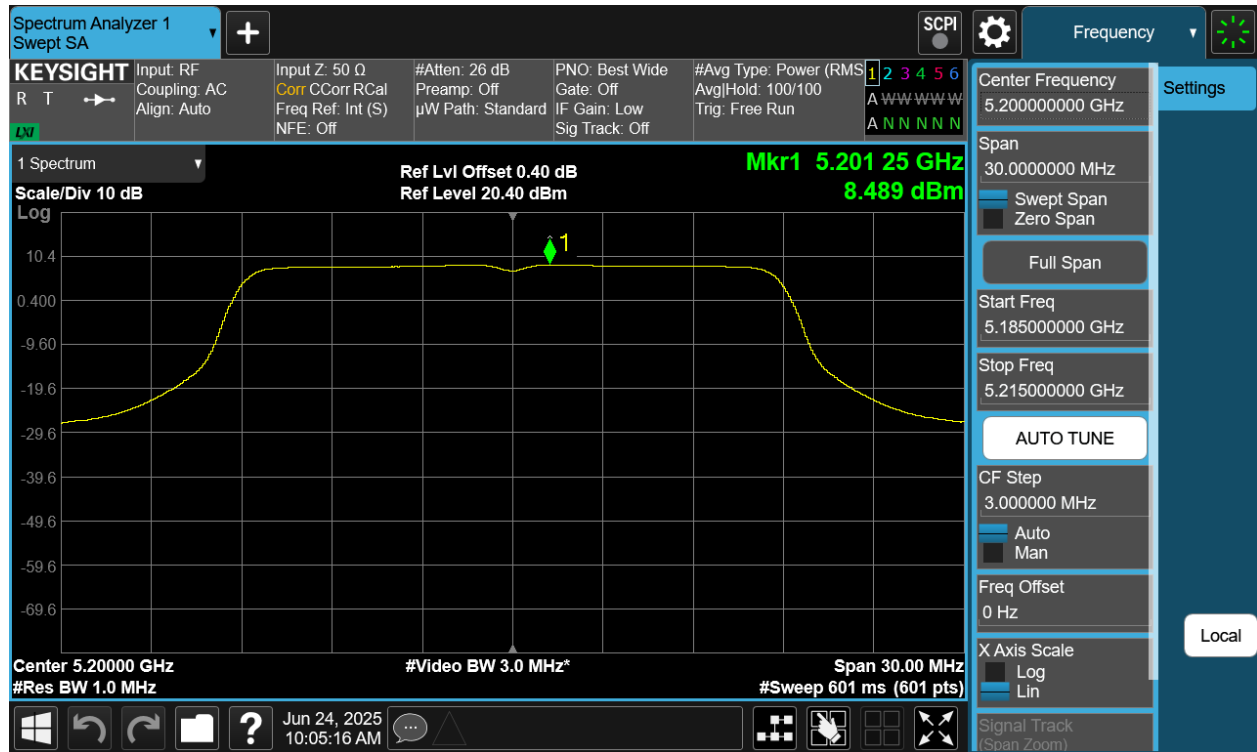
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6Mbps	5.88	11.00	-5.12
	5200	40	a	18Mbps	8.45	11.00	-2.55
	5240	48	a	6Mbps	8.25	11.00	-2.75
	5180	36	n (20MHz)	MCS0	5.87	11.00	-5.13
	5200	40	n (20MHz)	MCS5	8.49	11.00	-2.51
	5240	48	n (20MHz)	MCS5	8.34	11.00	-2.66
	5180	36	be (SU) (20MHz)	MCS3	4.39	11.00	-6.61
	5200	40	be (SU) (20MHz)	MCS3	7.62	11.00	-3.38
	5240	48	be (SU) (20MHz)	MCS3	7.59	11.00	-3.41
	5190	38	n (40MHz)	MCS0	0.61	11.00	-10.39
	5230	46	n (40MHz)	MCS5	5.39	11.00	-5.62
	5190	38	be (SU) (40MHz)	MCS0	-1.62	11.00	-12.62
	5230	46	be (SU) (40MHz)	MCS3	4.66	11.00	-6.35
	5210	42	ac (80MHz)	MCS0	-3.77	11.00	-14.77
	5210	42	be (SU) (80MHz)	MCS0	-4.91	11.00	-15.91
Band 1/2	5250	50	ac (160MHz)	MCS5	-9.39	11.00	-20.39
	5250	50	be (SU) (160MHz)	MCS5	-9.72	11.00	-20.72
Band 2A	5260	52	a	18Mbps	8.32	11.00	-2.68
	5300	60	a	36Mbps	8.28	11.00	-2.72
	5320	64	a	6Mbps	6.66	11.00	-4.34
	5260	52	n (20MHz)	MCS5	8.28	11.00	-2.72
	5300	60	n (20MHz)	MCS3	8.18	11.00	-2.82
	5320	64	n (20MHz)	MCS0	6.68	11.00	-4.32
	5260	52	be (SU) (20MHz)	MCS0	7.53	11.00	-3.47
	5300	60	be (SU) (20MHz)	MCS3	7.67	11.00	-3.33
	5320	64	be (SU) (20MHz)	MCS0	5.50	11.00	-5.50
	5270	54	n (40MHz)	MCS5	5.25	11.00	-5.75
	5310	62	n (40MHz)	MCS0	1.72	11.00	-9.28
	5270	54	be (SU) (40MHz)	MCS5	4.60	11.00	-6.40
	5310	62	be (SU) (40MHz)	MCS0	0.41	11.00	-10.59
	5290	58	ac (80MHz)	MCS0	-2.93	11.00	-13.93
	5290	58	be (SU) (80MHz)	MCS0	-3.38	11.00	-14.38
Band 2C	5500	100	a	18Mbps	4.89	11.00	-6.12
	5580	116	a	18Mbps	8.38	11.00	-2.62
	5720	144	a	18Mbps	8.24	11.00	-2.77
	5500	100	n (20MHz)	MCS5	4.85	11.00	-6.16
	5580	116	n (20MHz)	MCS5	8.40	11.00	-2.60
	5720	144	n (20MHz)	MCS5	8.22	11.00	-2.78
	5500	100	be (SU) (20MHz)	MCS0	4.27	11.00	-6.73
	5580	116	be (SU) (20MHz)	MCS0	7.52	11.00	-3.48
	5720	144	be (SU) (20MHz)	MCS0	7.35	11.00	-3.66
	5510	102	n (40MHz)	MCS0	0.78	11.00	-10.22
	5550	110	n (40MHz)	MCS0	5.27	11.00	-5.73
	*5590	118	n (40MHz)	MCS3	5.32	11.00	-5.68
	5670	134	n (40MHz)	MCS0	2.64	11.00	-8.36
	5710	142	n (40MHz)	MCS3	5.07	11.00	-5.93
	5510	102	be (SU) (40MHz)	MCS0	-0.96	11.00	-11.96
	5550	110	be (SU) (40MHz)	MCS0	4.19	11.00	-6.81
	5710	142	be (SU) (40MHz)	MCS0	4.41	11.00	-6.59
	5530	106	ac (80MHz)	MCS0	-3.14	11.00	-14.14
	*5610	122	ac (80MHz)	MCS0	0.92	11.00	-10.08
	5690	138	ac (80MHz)	MCS5	2.04	11.00	-8.96
	5530	106	be (SU) (80MHz)	MCS0	-3.99	11.00	-14.99
	*5610	122	be (SU) (80MHz)	MCS0	0.17	11.00	-10.83
	5690	138	be (SU) (80MHz)	MCS0	1.33	11.00	-9.67
	*5570	114	ac (160MHz)	MCS3	-7.57	11.00	-18.57
	*5570	114	be (SU) (160MHz)	MCS3	-7.51	11.00	-18.51

Table 7-104. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF7

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

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