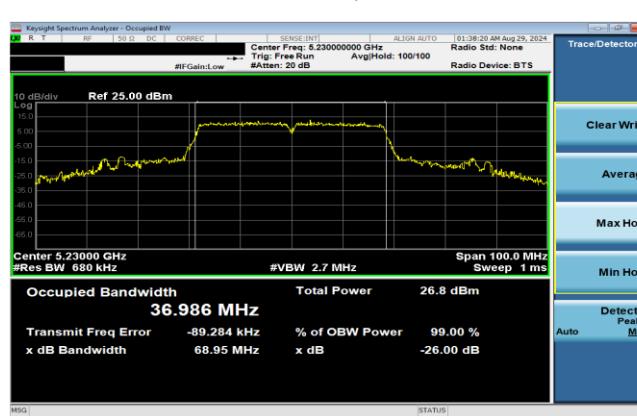


Plot 7-181. 26dB BW & 99% OBW Antenna 1b (80MHz BW 802.11ac – Ch. 42, MCS9)



FCC ID: BCGA2995		
IC: 579C-A2995		
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device

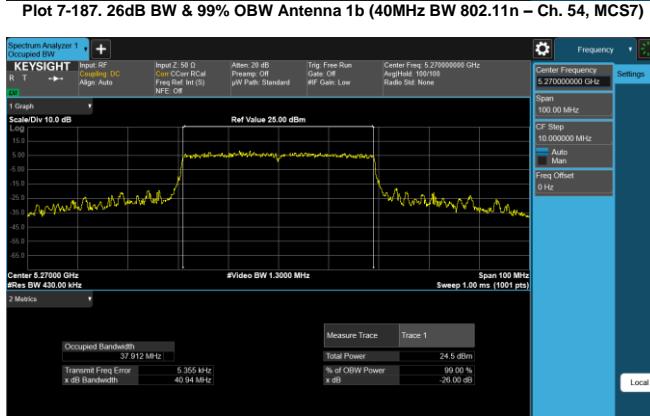
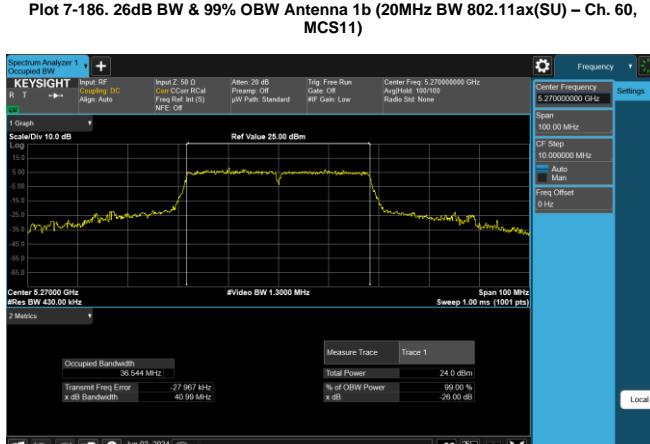
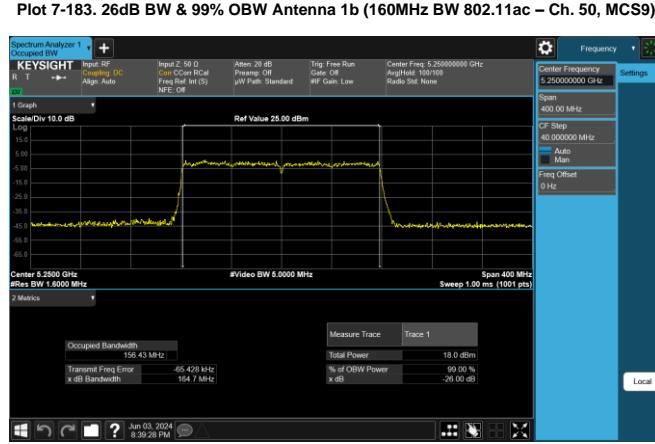
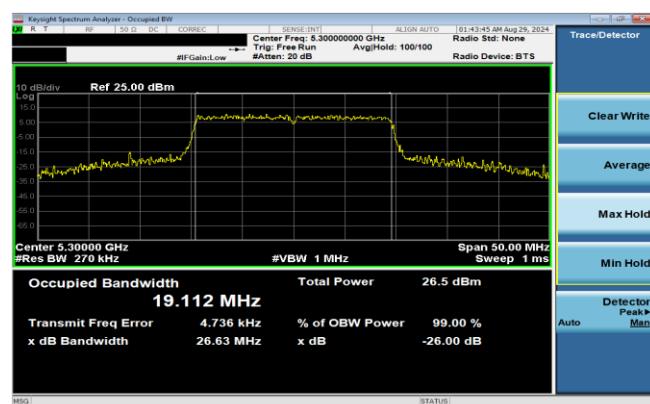
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Page 62 of 595

V 10.6 10/27/2023

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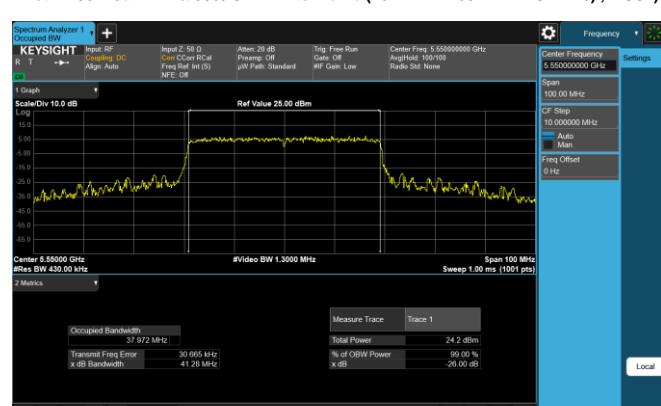
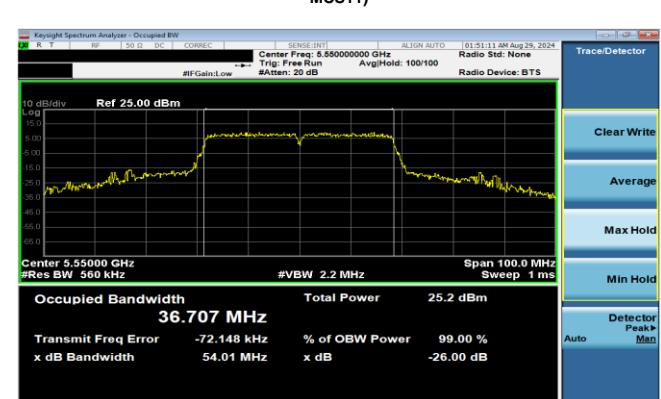
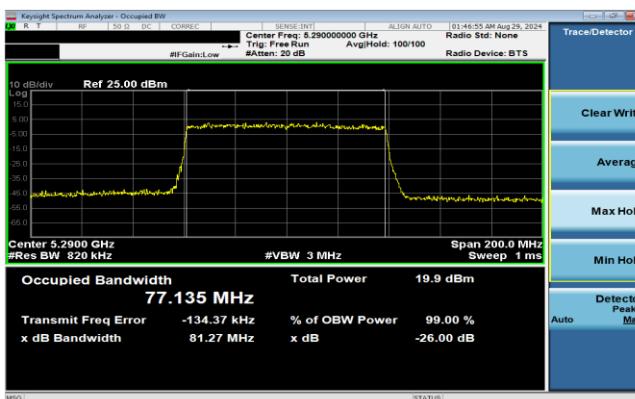
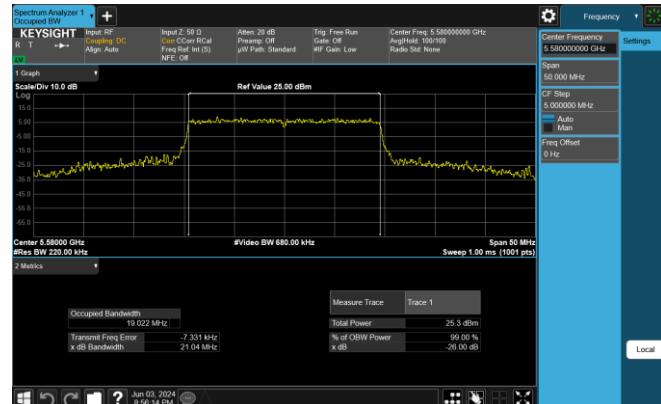
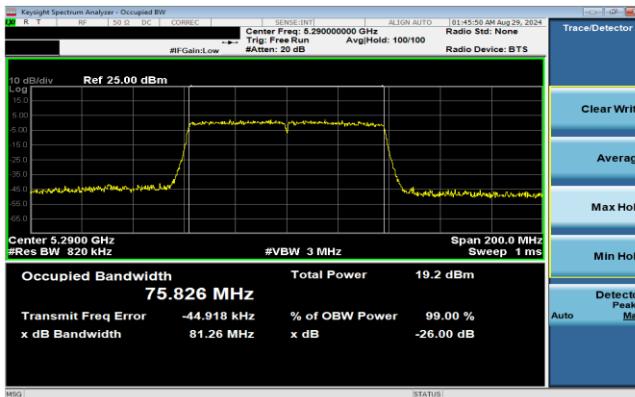
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Page 63 of 595

V 10.6 10/27/2023

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Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024

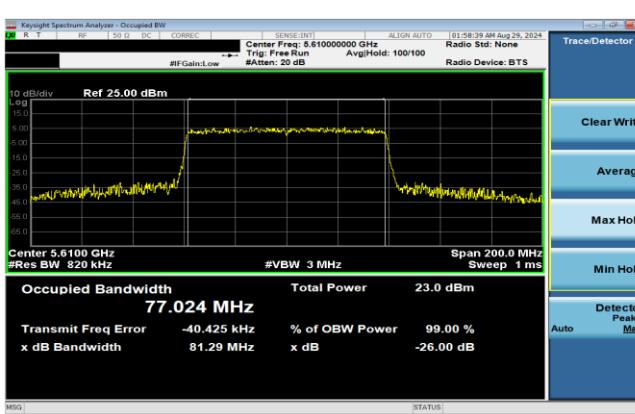

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Approved by:
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EUT Type:
Tablet Device

Page 64 of 595

V 10.6 10/27/2023

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FCC ID: BCGA2995	 element		
IC: 579C-A2995			
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Approved by: Quality Manager

**MEASUREMENT REPORT
(CERTIFICATION)**
Approved by:
Quality Manager

Page 65 of 595

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 \geq 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 x RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple

Test Setup

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



Figure 7-2. Test Instrument & Measurement Setup

Test Notes

1. All antenna configurations and data rates were investigated and only the worst case are reported.
2. The data rates have been classified into three different groups; low data rate, middle data rate, and high data rate. All three data rate groups of data rate have been investigated and only the worst case data rate per group is reported.
3. Low, mid, and high channels were tested and tabular data has been reported. Only mid channel bandwidth plots have been reported.

FCC ID: BCGA2995 IC: 579C-A2995	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device		Page 66 of 595

7.3.1 Antenna 5T 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	19.5/21.7 (MCS2)	17.61	17.00	0.50	Pass
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	17.61	17.57	0.50	Pass
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	17.61	17.35	0.50	Pass
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	18.96	19.04	0.50	Pass
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	18.94	18.97	0.50	Pass
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	18.95	19.04	0.50	Pass
	5755	151	n (40MHz)	40/40.5 (MCS2)	36.04	35.89	0.50	Pass
	5795	159	n (40MHz)	40/40.5 (MCS2)	36.03	35.35	0.50	Pass
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	37.78	38.06	0.50	Pass
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	37.79	38.12	0.50	Pass
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	75.31	75.57	0.50	Pass
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	76.90	77.54	0.50	Pass

Table 7-11. Conducted Bandwidth Measurements Antenna 5T (Low Data Rate)

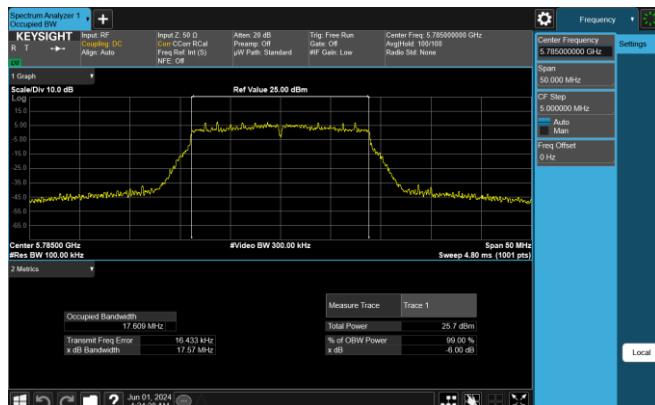
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	39/43.3 (MCS4)	17.61	17.58	0.50	Pass
	5785	157	n (20MHz)	39/43.3 (MCS4)	17.60	17.65	0.50	Pass
	5825	165	n (20MHz)	39/43.3 (MCS4)	17.60	17.66	0.50	Pass
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	18.95	19.08	0.50	Pass
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	18.96	19.03	0.50	Pass
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	18.96	19.08	0.50	Pass
	5755	151	n (40MHz)	81/90 (MCS4)	36.06	36.37	0.50	Pass
	5795	159	n (40MHz)	81/90 (MCS4)	36.04	36.34	0.50	Pass
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	37.79	38.18	0.50	Pass
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	37.84	38.19	0.50	Pass
	5775	155	ac (80MHz)	175.5/195 (MCS4)	75.33	76.00	0.50	Pass
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	76.92	77.74	0.50	Pass

Table 7-12. Conducted Bandwidth Measurements Antenna 5T (Mid Data Rate)

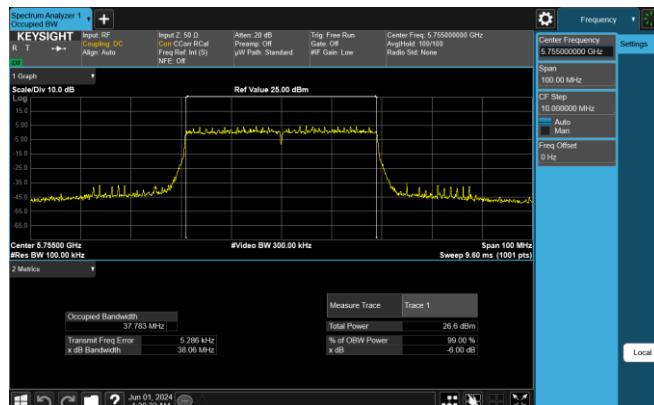
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	17.67	17.74	0.50	Pass
	5785	157	n (20MHz)	65/72.2 (MCS7)	17.69	17.77	0.50	Pass
	5825	165	n (20MHz)	65/72.2 (MCS7)	17.70	17.77	0.50	Pass
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	18.92	19.00	0.50	Pass
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	18.98	19.09	0.50	Pass
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	18.97	19.07	0.50	Pass
	5755	151	n (40MHz)	135/150 (MCS7)	36.25	36.52	0.50	Pass
	5795	159	n (40MHz)	135/150 (MCS7)	36.21	36.47	0.50	Pass
	5755	151	ax (SU) (40MHz)	271/286 (MCS11)	37.81	38.21	0.50	Pass
	5795	159	ax (SU) (40MHz)	271/286 (MCS11)	37.83	38.19	0.50	Pass
	5775	155	ac (80MHz)	390/433.3 (MCS9)	75.53	76.47	0.50	Pass
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	76.90	77.52	0.50	Pass

Table 7-13. Conducted Bandwidth Measurements Antenna 5T (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 67 of 595



Plot 7-199. 6dB BW & 99% OBW Antenna 5T (20MHz BW 802.11n – Ch. 157, MCS2)



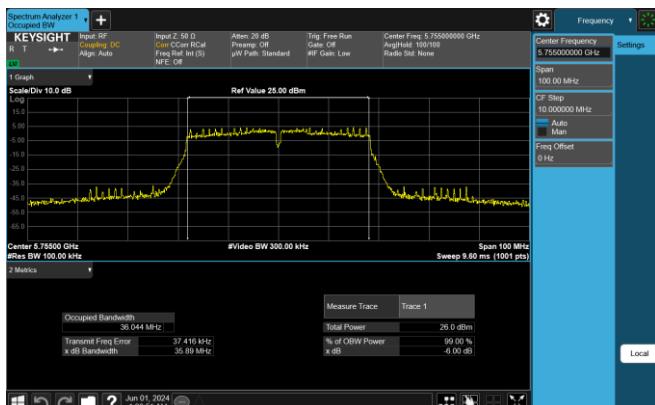
Plot 7-202. 6dB BW & 99% OBW Antenna 5T (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



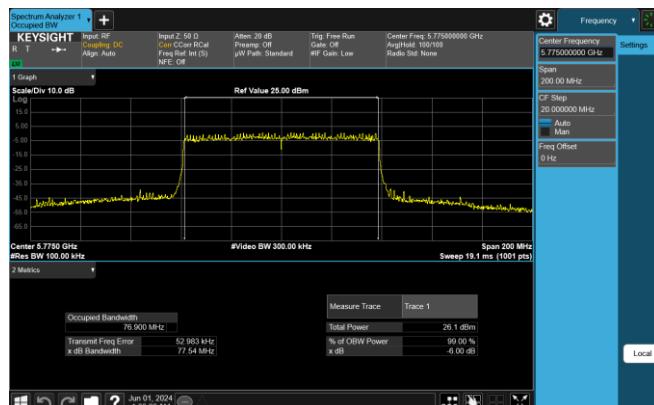
Plot 7-200. 6dB BW & 99% OBW Antenna 5T (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-203. 6dB BW & 99% OBW Antenna 5T (40MHz BW 802.11ac – Ch. 155, MCS2)



Plot 7-201. 6dB BW & 99% OBW Antenna 5T (40MHz BW 802.11n – Ch. 151, MCS2)



Plot 7-204. 6dB BW & 99% OBW Antenna 5T (80MHz BW 802.11ax(SU) – Ch. 155, MCS2)

FCC ID: BCGA2995	
IC: 579C-A2995	
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024

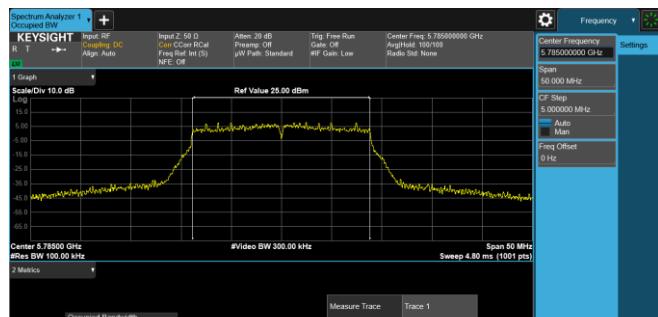
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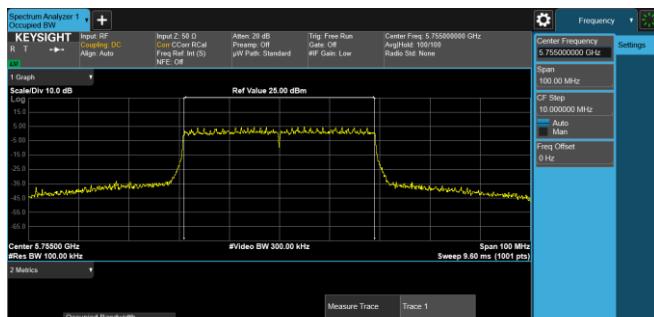
Page 68 of 595

V 10.6 10/27/2023

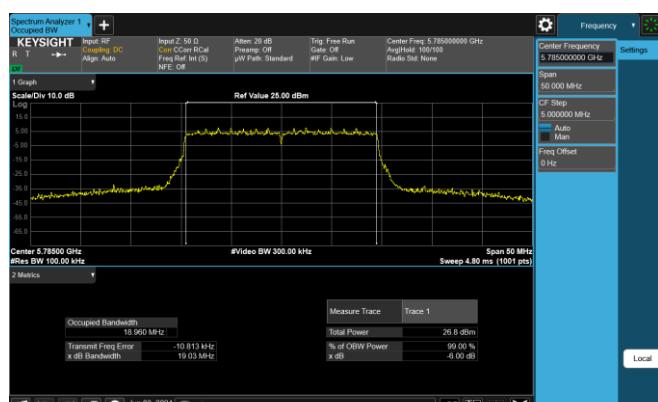
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Plot 7-205. 6dB BW & 99% OBW Antenna 5T (20MHz BW 802.11n – Ch. 157, MCS4)



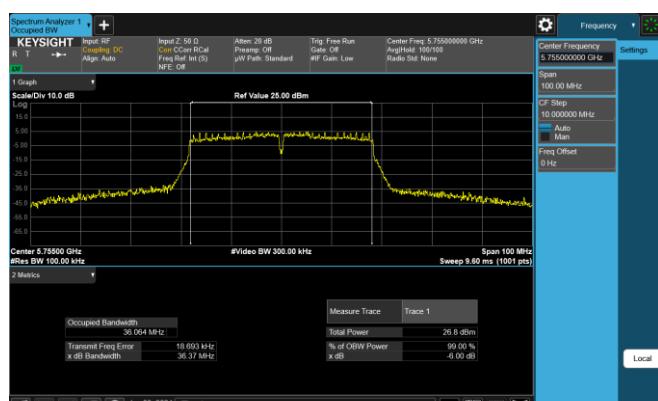
Plot 7-208. 6dB BW & 99% OBW Antenna 5T (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



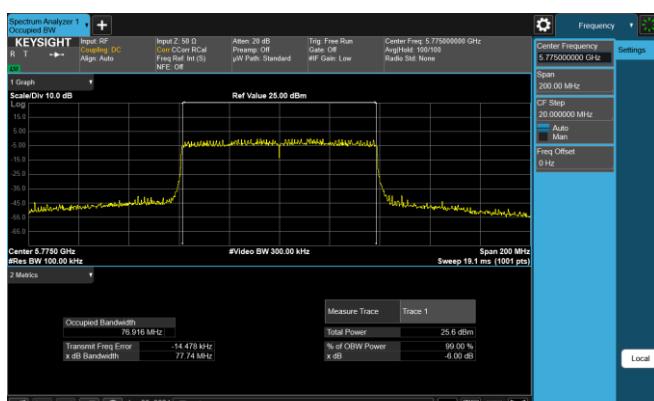
Plot 7-206. 6dB BW & 99% OBW Antenna 5T (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-209. 6dB BW & 99% OBW Antenna 5T (80MHz BW 802.11ac – Ch. 155, MCS4)



Plot 7-207. 6dB BW & 99% OBW Antenna 5T (40MHz BW 802.11n – Ch. 151, MCS4)



Plot 7-210. 6dB BW & 99% OBW Antenna 5T (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

FCC ID: BCGA2995 IC: 579C-A2995	
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024

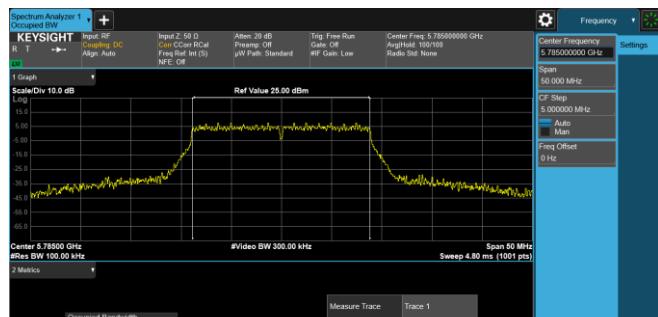
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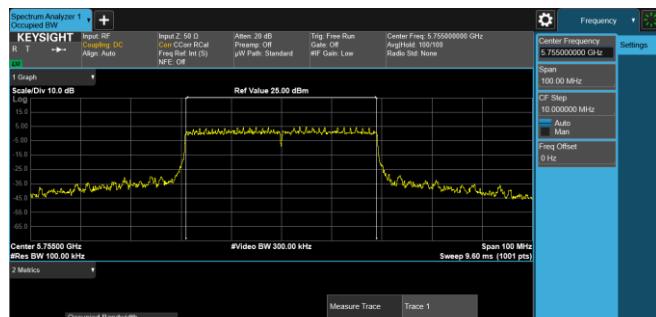
Page 69 of 595

V 10.6 10/27/2023

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Plot 7-211. 6dB BW & 99% OBW Antenna 5T (20MHz BW 802.11n – Ch. 157, MCS7)



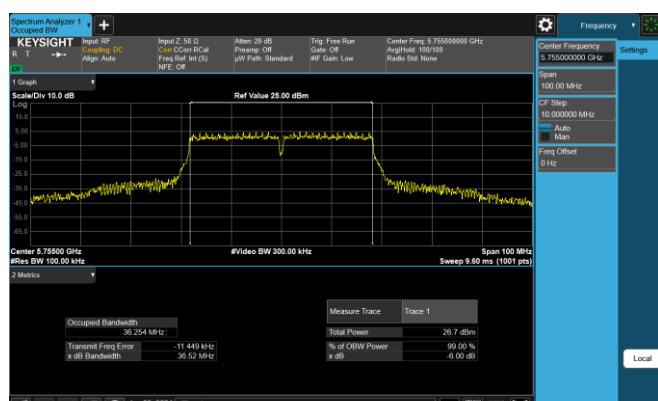
Plot 7-214. 6dB BW & 99% OBW Antenna 5T (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



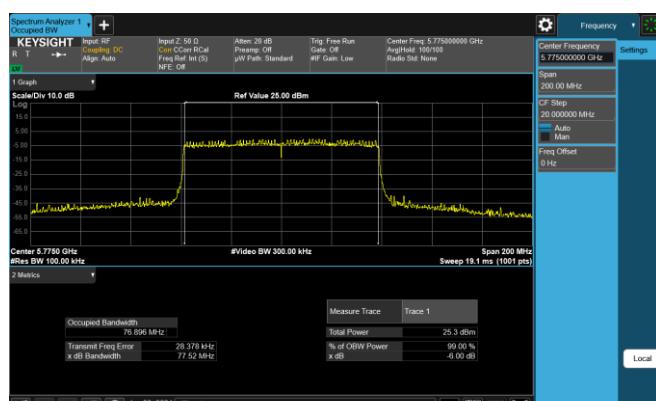
Plot 7-212. 6dB BW & 99% OBW Antenna 5T (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-215. 6dB BW & 99% OBW Antenna 5T (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-213. 6dB BW & 99% OBW Antenna 5T (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-216. 6dB BW & 99% OBW Antenna 5T (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 70 of 595

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7.3.2 Antenna 3b 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	19.5/21.7 (MCS2)	17.64	17.23	0.50	Pass
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	17.62	17.24	0.50	Pass
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	17.61	17.29	0.50	Pass
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	18.93	18.98	0.50	Pass
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	18.97	19.00	0.50	Pass
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	18.93	18.94	0.50	Pass
	5755	151	n (40MHz)	40/40.5 (MCS2)	36.04	35.37	0.50	Pass
	5795	159	n (40MHz)	40/40.5 (MCS2)	36.06	35.36	0.50	Pass
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	37.84	38.11	0.50	Pass
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	37.83	38.07	0.50	Pass
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	75.32	75.56	0.50	Pass
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	76.98	77.94	0.50	Pass

Table 7-14. Conducted Bandwidth Measurements Antenna 3b (Low Data Rate)

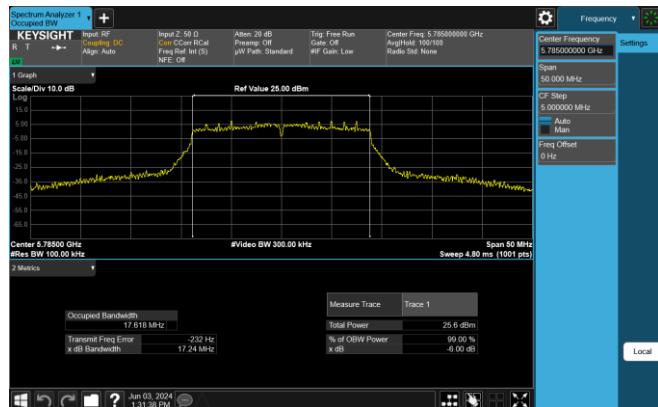
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	39/43.3 (MCS4)	17.64	17.66	0.50	Pass
	5785	157	n (20MHz)	39/43.3 (MCS4)	17.63	17.68	0.50	Pass
	5825	165	n (20MHz)	39/43.3 (MCS4)	17.64	17.58	0.50	Pass
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	18.97	19.07	0.50	Pass
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	18.98	19.05	0.50	Pass
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	18.98	19.04	0.50	Pass
	5755	151	n (40MHz)	81/90 (MCS4)	36.15	35.99	0.50	Pass
	5795	159	n (40MHz)	81/90 (MCS4)	36.16	36.38	0.50	Pass
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	37.85	38.13	0.50	Pass
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	37.89	38.14	0.50	Pass
	5775	155	ac (80MHz)	175.5/195 (MCS4)	75.36	75.84	0.50	Pass
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	76.95	77.92	0.50	Pass

Table 7-15. Conducted Bandwidth Measurements Antenna 3b (Mid Data Rate)

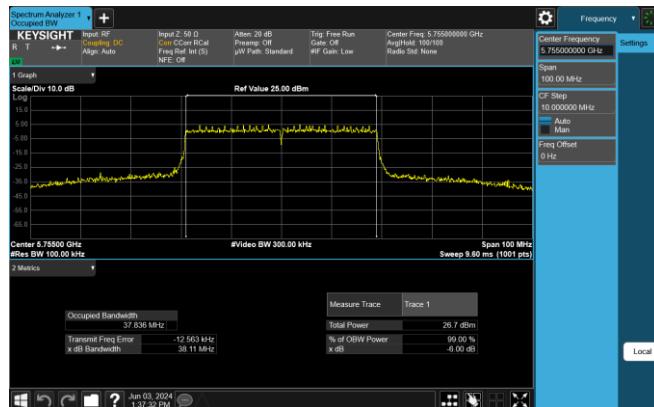
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	17.71	17.74	0.50	Pass
	5785	157	n (20MHz)	65/72.2 (MCS7)	17.73	17.75	0.50	Pass
	5825	165	n (20MHz)	65/72.2 (MCS7)	17.72	17.76	0.50	Pass
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	18.98	19.02	0.50	Pass
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	18.97	19.05	0.50	Pass
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	18.98	18.99	0.50	Pass
	5755	151	n (40MHz)	135/150 (MCS7)	36.28	36.50	0.50	Pass
	5795	159	n (40MHz)	135/150 (MCS7)	36.28	36.48	0.50	Pass
	5755	151	ax (SU) (40MHz)	271/286 (MCS11)	37.88	38.16	0.50	Pass
	5795	159	ax (SU) (40MHz)	271/286 (MCS11)	37.84	38.12	0.50	Pass
	5775	155	ac (80MHz)	390/433.3 (MCS9)	75.60	76.51	0.50	Pass
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	76.91	77.68	0.50	Pass

Table 7-16. Conducted Bandwidth Measurements Antenna 3b (High Data Rate)

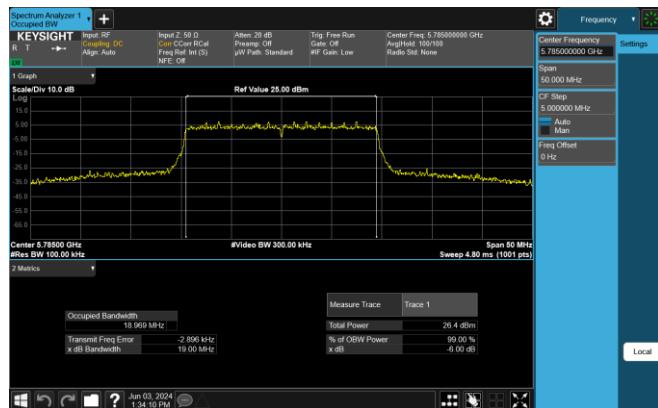
FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 71 of 595



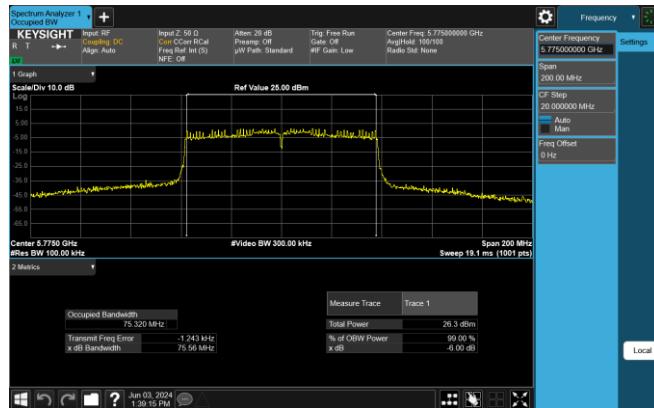
Plot 7-217. 6dB BW & 99% OBW Antenna 3b (20MHz BW 802.11n – Ch. 157, MCS2)



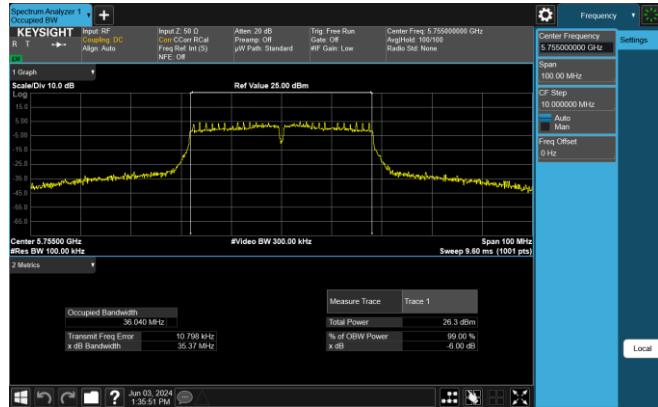
Plot 7-220. 6dB BW & 99% OBW Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



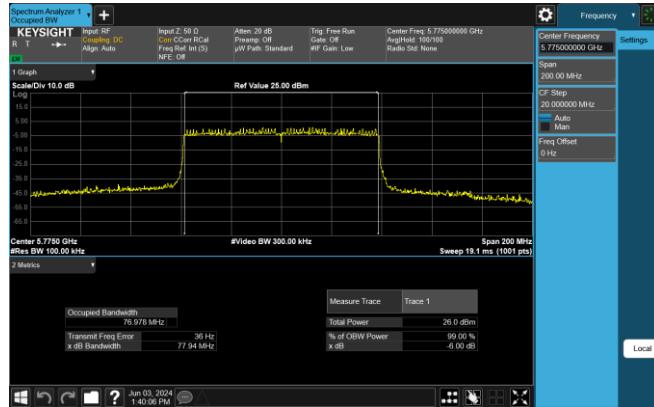
Plot 7-218. 6dB BW & 99% OBW Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-221. 6dB BW & 99% OBW Antenna 3b (80MHz BW 802.11ac – Ch. 155, MCS2)

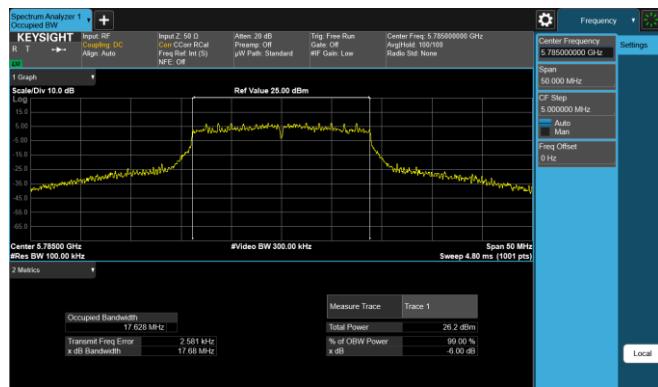


Plot 7-219. 6dB BW & 99% OBW Antenna 3b (40MHz BW 802.11n – Ch. 151, MCS2)

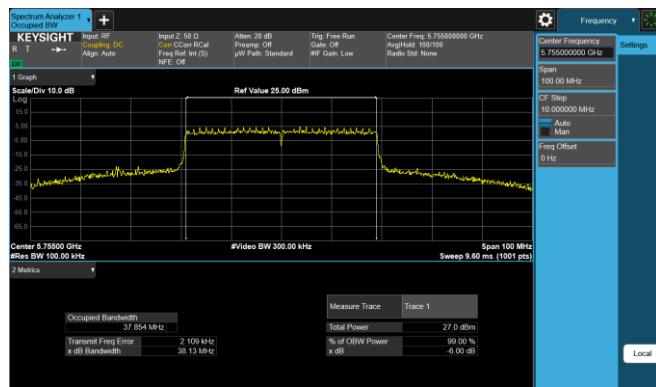


Plot 7-222. 6dB BW & 99% OBW Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 155, MCS2)

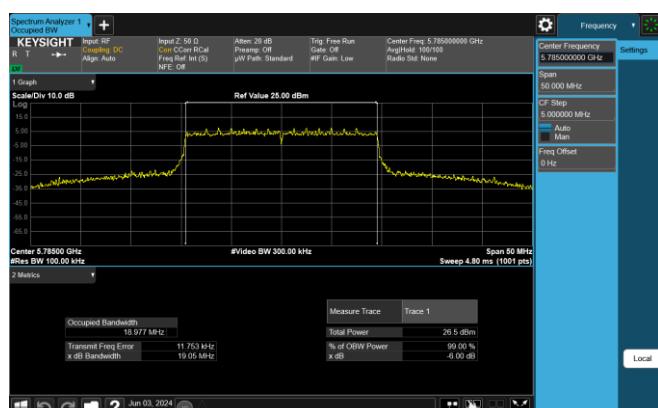
FCC ID: BCGA2995 IC: 579C-A2995	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 72 of 595



Plot 7-223. 6dB BW & 99% OBW Antenna 3b (20MHz BW 802.11n – Ch. 157, MCS4)



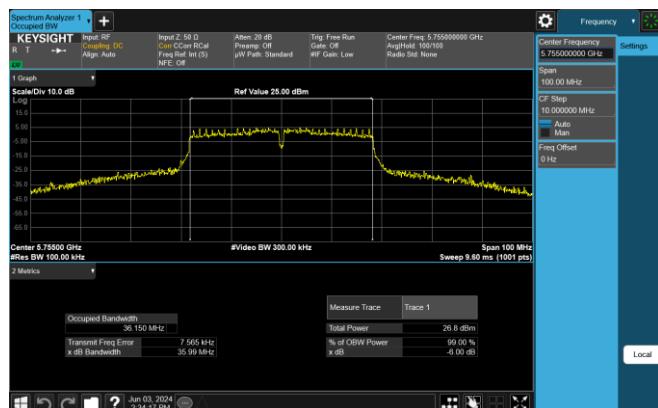
Plot 7-226. 6dB BW & 99% OBW Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



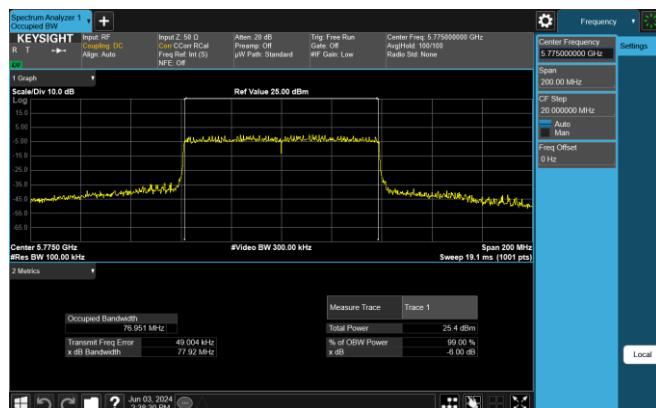
Plot 7-224. 6dB BW & 99% OBW Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-227. 6dB BW & 99% OBW Antenna 3b (80MHz BW 802.11ac – Ch. 155, MCS4)



Plot 7-225. 6dB BW & 99% OBW Antenna 3b (40MHz BW 802.11n – Ch. 151, MCS4)



Plot 7-228. 6dB BW & 99% OBW Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

FCC ID: BCGA2995 IC: 579C-A2995	 element	Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device
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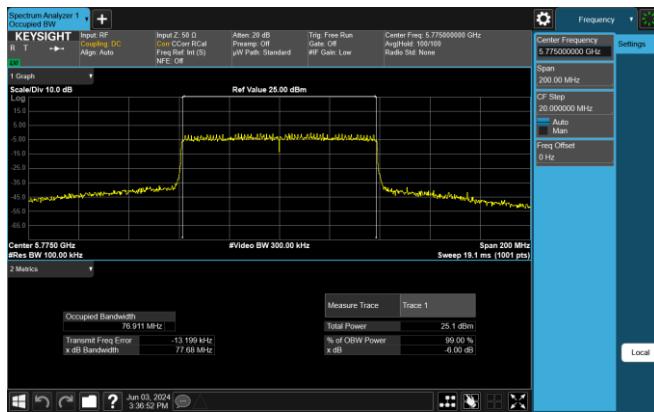
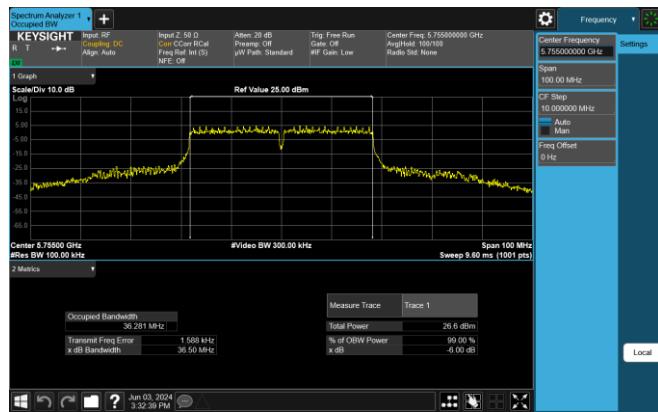
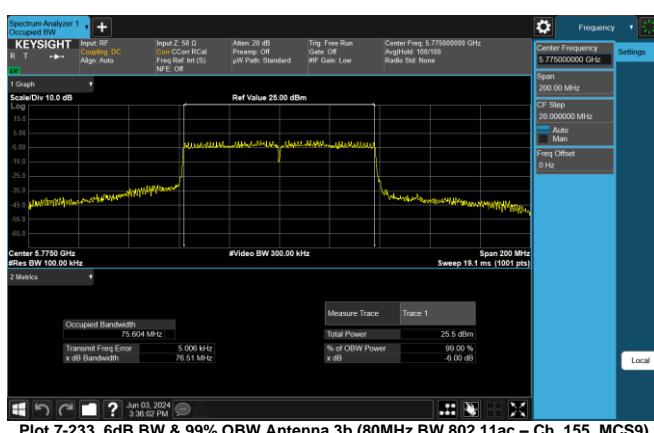
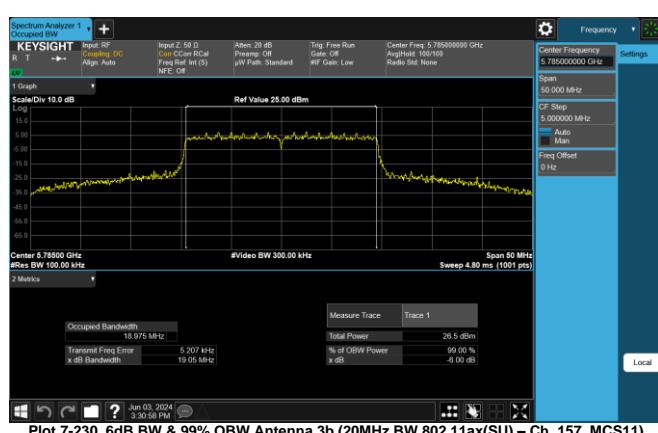
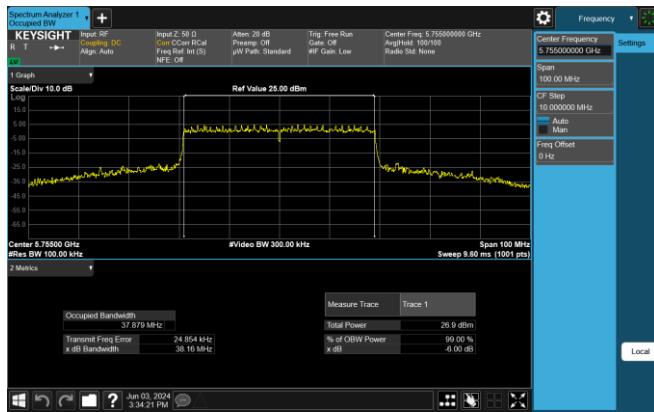
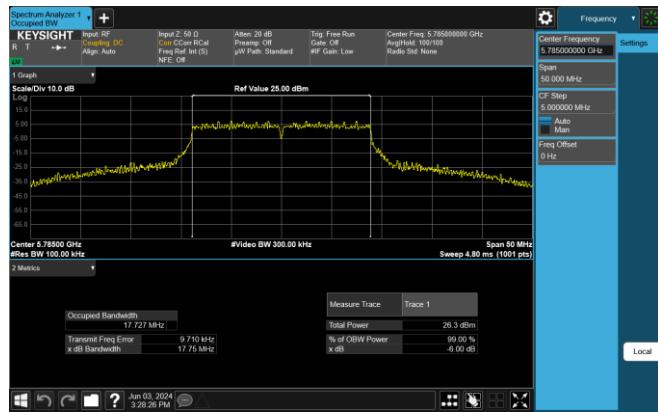
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(CERTIFICATION)**

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Page 73 of 595

V 10.6 10/27/2023

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FCC ID: BCGA2995 IC: 579C-A2995	
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024

**MEASUREMENT REPORT
(CERTIFICATION)**
Approved by:
Quality Manager

Page 74 of 595

V 10.6 10/27/2023

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7.3.3 Antenna 1b 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	19.5/21.7 (MCS2)	17.62	17.30	0.50	Pass
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	17.62	17.27	0.50	Pass
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	17.61	17.54	0.50	Pass
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	18.95	19.05	0.50	Pass
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	18.94	19.01	0.50	Pass
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	18.97	19.07	0.50	Pass
	5755	151	n (40MHz)	40/40.5 (MCS2)	36.08	35.51	0.50	Pass
	5795	159	n (40MHz)	40/40.5 (MCS2)	36.08	35.34	0.50	Pass
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	37.85	38.20	0.50	Pass
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	37.83	38.14	0.50	Pass
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	75.29	75.52	0.50	Pass
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	77.05	77.98	0.50	Pass

Table 7-17. Conducted Bandwidth Measurements Antenna 1b (Low Data Rate)

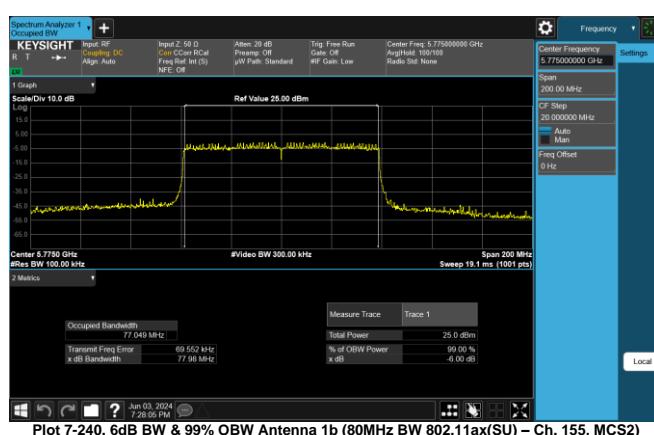
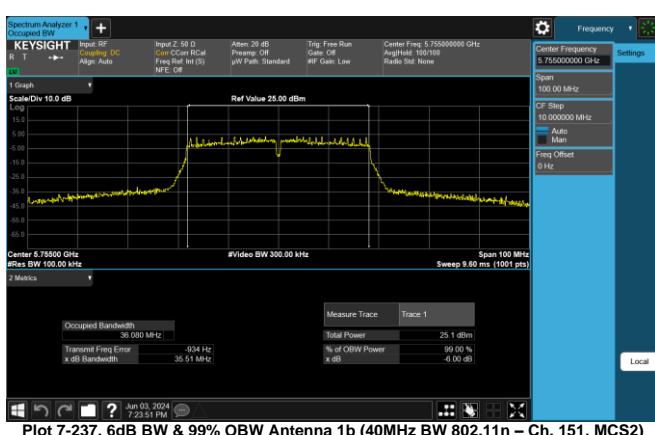
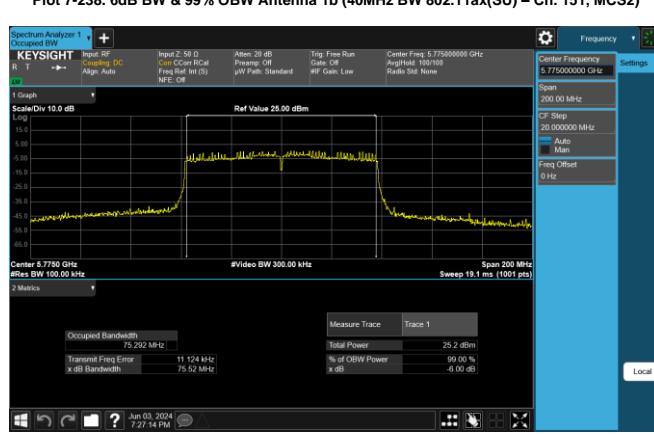
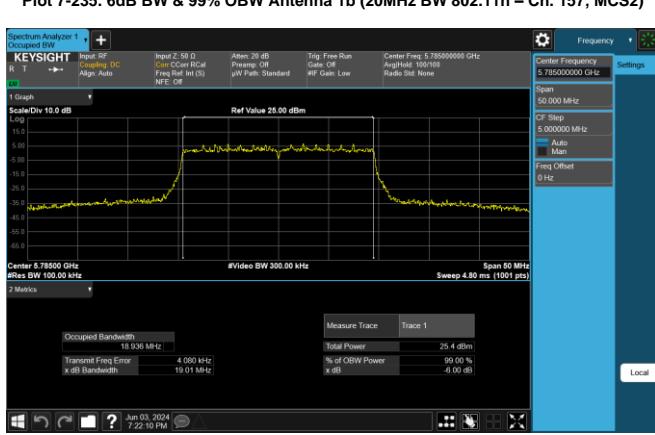
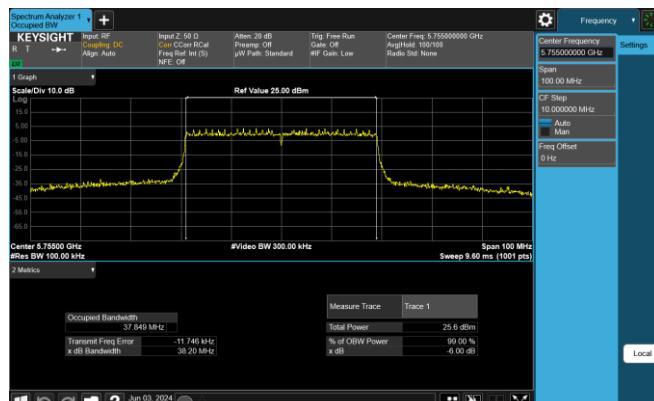
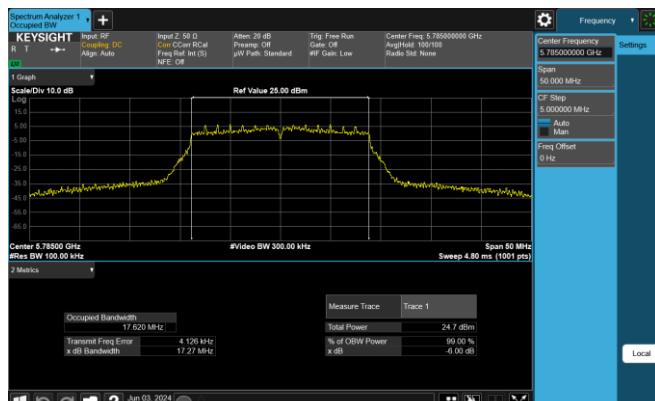
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	39/43.3 (MCS4)	17.63	17.63	0.50	Pass
	5785	157	n (20MHz)	39/43.3 (MCS4)	17.62	17.63	0.50	Pass
	5825	165	n (20MHz)	39/43.3 (MCS4)	17.62	17.67	0.50	Pass
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	18.97	19.08	0.50	Pass
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	18.95	19.02	0.50	Pass
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	18.94	19.04	0.50	Pass
	5755	151	n (40MHz)	81/90 (MCS4)	36.12	36.03	0.50	Pass
	5795	159	n (40MHz)	81/90 (MCS4)	36.09	36.22	0.50	Pass
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	37.88	38.19	0.50	Pass
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	37.83	38.11	0.50	Pass
	5775	155	ac (80MHz)	175.5/195 (MCS4)	75.33	75.83	0.50	Pass
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	76.93	77.90	0.50	Pass

Table 7-18. Conducted Bandwidth Measurements Antenna 1b (Mid Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	17.73	17.78	0.50	Pass
	5785	157	n (20MHz)	65/72.2 (MCS7)	17.71	17.73	0.50	Pass
	5825	165	n (20MHz)	65/72.2 (MCS7)	17.70	17.77	0.50	Pass
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	19.00	19.09	0.50	Pass
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	18.98	19.07	0.50	Pass
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	18.96	19.08	0.50	Pass
	5755	151	n (40MHz)	135/150 (MCS7)	36.28	36.50	0.50	Pass
	5795	159	n (40MHz)	135/150 (MCS7)	36.31	36.56	0.50	Pass
	5755	151	ax (SU) (40MHz)	271/286 (MCS11)	37.81	38.13	0.50	Pass
	5795	159	ax (SU) (40MHz)	271/286 (MCS11)	37.83	38.06	0.50	Pass
	5775	155	ac (80MHz)	390/433.3 (MCS9)	75.56	76.38	0.50	Pass
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	76.91	77.89	0.50	Pass

Table 7-19. Conducted Bandwidth Measurements Antenna 1b (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 75 of 595



FCC ID: BCGA2995
IC: 579C-A2995


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MEASUREMENT REPORT
(CERTIFICATION)

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1C2405200018-22-R1.BCG

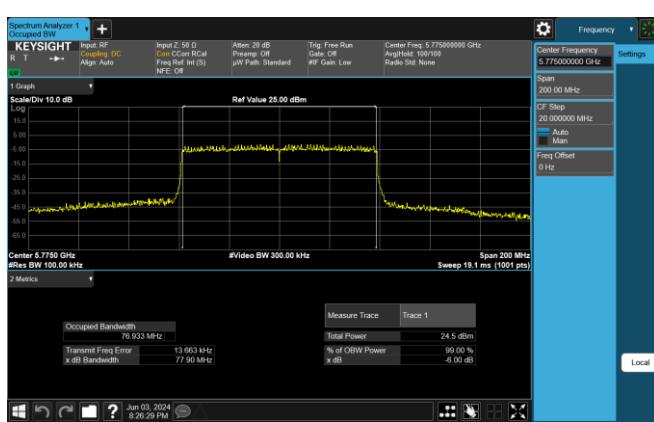
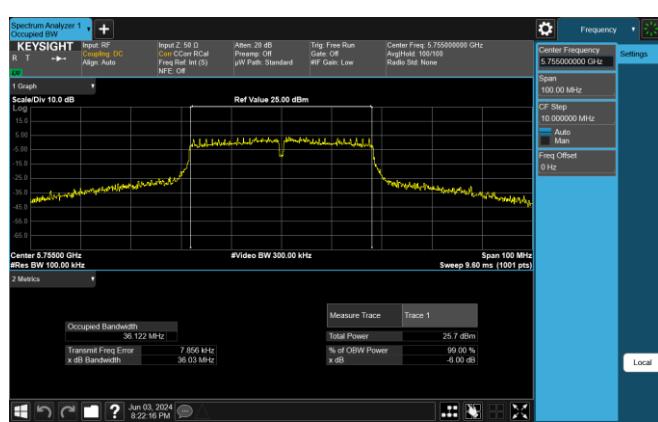
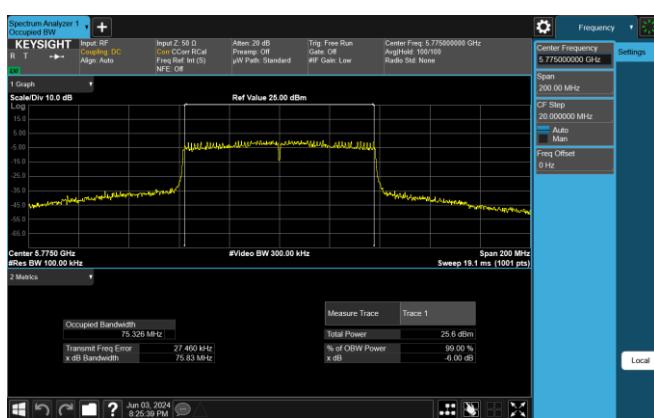
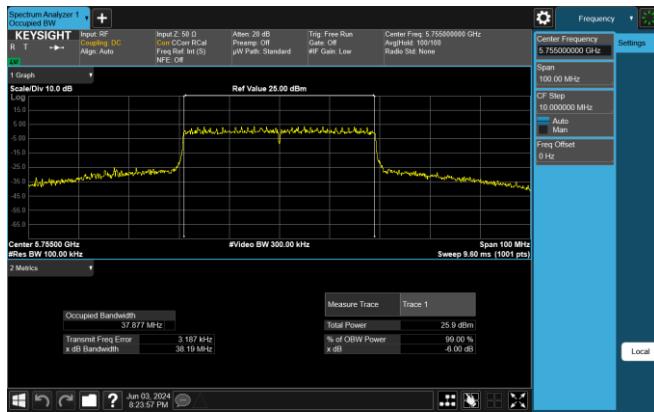
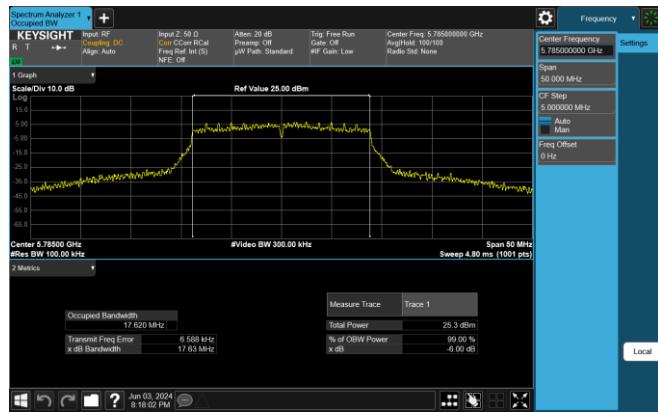
Test Dates:
5/20/2024 - 8/28/2024

EUT Type:
Tablet Device

Page 76 of 595

V 10.6 10/27/2023

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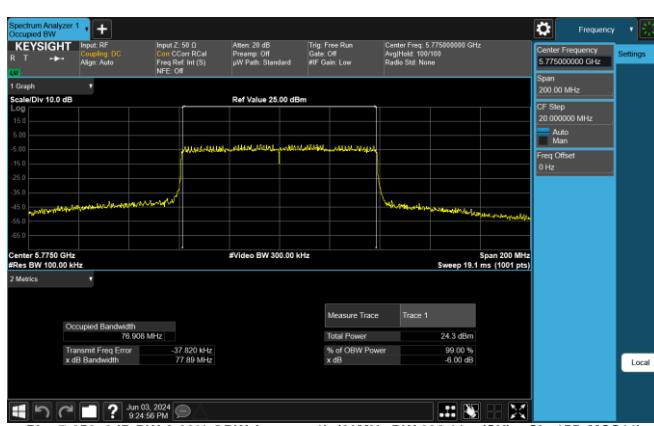
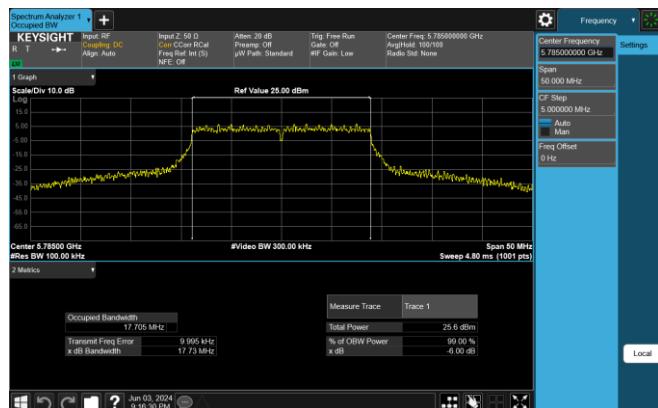
FCC ID: BCGA2995 IC: 579C-A2995	 element	Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device
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**MEASUREMENT REPORT
(CERTIFICATION)**
Approved by:
Quality Manager

Page 77 of 595

V 10.6 10/27/2023

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Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024

**MEASUREMENT REPORT
(CERTIFICATION)**
Approved by:
Quality Manager

Page 78 of 595

V 10.6 10/27/2023

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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); 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 $11 \text{ dBm} + 10\log_{10}(26\text{dB BW}) = 11 \text{ dBm} + 10\log_{10}(20.64) = 24.15\text{dBm}$. 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 $11 \text{ dBm} + 10\log_{10}(26\text{dB BW}) = 11 \text{ dBm} + 10\log_{10}(20.54) = 24.13\text{dBm}$. 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. Per RSS-247 Section 6.2.3, transmission on channels which overlap the 5600-5650 MHz is prohibited. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.

FCC ID: BCGA2995 IC: 579C-A2995	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device		Page 79 of 595

7.4.1 FCC Antenna 5T Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5180	36	AVG	AVG	17.28	17.37	16.31	23.98	-6.61
5200	40	AVG	AVG	19.23	19.48	19.10	23.98	-4.50
5240	48	AVG	AVG	19.30	19.32	19.17	23.98	-4.66
5260	52	AVG	AVG	19.20	19.21	19.26	23.98	-4.72
5300	60	AVG	AVG	19.15	19.17	19.15	23.98	-4.81
5320	64	AVG	AVG	18.14	17.90	18.07	23.98	-5.84
5500	100	AVG	AVG	16.87	17.05	16.98	23.98	-6.93
5520	104	AVG	AVG	19.29	19.31	19.18	23.98	-4.67
5580	116	AVG	AVG	19.09	19.11	19.34	23.98	-4.64
5660	132	AVG	AVG	19.46	19.39	19.31	23.98	-4.52
5680	136	AVG	AVG	19.32	19.27	18.73	23.98	-4.66
5700	140	AVG	AVG	17.21	17.41	16.86	23.98	-6.57
5720	144	AVG	AVG	19.27	19.32	19.29	23.98	-4.66
5745	149	AVG	AVG	19.21	19.49	19.17	30.00	-10.51
5785	157	AVG	AVG	19.28	19.28	19.27	30.00	-10.72
5825	165	AVG	AVG	19.26	19.24	19.34	30.00	-10.67

Table 7-20. FCC Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5180	36	AVG	AVG	16.38	16.64	15.75	23.98	-7.34
5200	40	AVG	AVG	19.34	19.49	19.29	23.98	-4.49
5240	48	AVG	AVG	19.18	19.29	19.23	23.98	-4.69
5260	52	AVG	AVG	19.15	19.19	19.29	23.98	-4.69
5300	60	AVG	AVG	19.26	19.48	19.17	23.98	-4.50
5320	64	AVG	AVG	17.21	16.99	16.85	23.98	-6.77
5500	100	AVG	AVG	15.77	15.84	15.28	23.98	-8.14
5520	104	AVG	AVG	19.24	19.28	19.22	23.98	-4.70
5580	116	AVG	AVG	19.24	19.12	19.12	23.98	-4.74
5660	132	AVG	AVG	19.33	19.38	19.11	23.98	-4.60
5680	136	AVG	AVG	19.21	19.22	17.73	23.98	-4.76
5700	140	AVG	AVG	15.74	15.88	14.99	23.98	-8.10
5720	144	AVG	AVG	19.14	19.31	19.36	23.98	-4.62
5745	149	AVG	AVG	19.14	19.32	19.17	30.00	-10.68
5785	157	AVG	AVG	19.12	19.13	19.25	30.00	-10.76
5825	165	AVG	AVG	19.35	19.16	19.22	30.00	-10.65

Table 7-21. FCC Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 80 of 595

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5180	36	AVG	AVG	15.16	15.47	15.28	23.98	-8.51
5200	40	AVG	AVG	19.31	19.47	19.34	23.98	-4.51
5240	48	AVG	AVG	19.42	19.30	19.20	23.98	-4.56
5260	52	AVG	AVG	19.21	19.38	19.12	23.98	-4.60
5300	60	AVG	AVG	19.45	19.43	19.25	23.98	-4.53
5320	64	AVG	AVG	16.02	15.99	15.62	23.98	-7.96
5500	100	AVG	AVG	14.86	14.76	14.33	23.98	-9.12
5520	104	AVG	AVG	19.46	19.27	18.15	23.98	-4.52
5540	108	AVG	AVG	19.12	19.40	19.48	23.98	-4.50
5580	116	AVG	AVG	19.25	19.37	19.24	23.98	-4.61
5660	132	AVG	AVG	19.12	19.38	19.22	23.98	-4.60
5680	136	AVG	AVG	18.18	18.43	17.24	23.98	-5.55
5700	140	AVG	AVG	13.43	13.33	13.15	23.98	-10.55
5720	144	AVG	AVG	19.18	19.11	19.30	23.98	-4.68
5745	149	AVG	AVG	19.19	19.35	19.18	30.00	-10.65
5785	157	AVG	AVG	19.31	19.11	19.13	30.00	-10.69
5825	165	AVG	AVG	19.28	19.13	19.17	30.00	-10.72

Table 7-22. FCC Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
5190	38	AVG	AVG	15.23	13.79	23.98	-8.75
5230	46	AVG	AVG	19.16	19.21	23.98	-4.77
5270	54	AVG	AVG	19.19	19.28	23.98	-4.70
5310	62	AVG	AVG	16.57	16.60	23.98	-7.38
5510	102	AVG	AVG	15.22	14.22	23.98	-8.76
5550	110	AVG	AVG	19.16	18.24	23.98	-4.82
5590	118	AVG	AVG	19.50	19.12	23.98	-4.48
5630	126	AVG	AVG	19.21	19.15	23.98	-4.77
5670	134	AVG	AVG	18.62	17.66	23.98	-5.36
5710	142	AVG	AVG	19.45	19.17	23.98	-4.53
5755	151	AVG	AVG	19.10	19.16	30.00	-10.84
5795	159	AVG	AVG	19.21	19.47	30.00	-10.53

Table 7-23. FCC Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 81 of 595

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	14.16	13.71	23.98	-9.82
	5230	46	AVG	19.33	19.44	23.98	-4.54
	5270	54	AVG	19.27	19.11	23.98	-4.71
	5310	62	AVG	15.38	15.47	23.98	-8.51
	5510	102	AVG	14.83	13.84	23.98	-9.15
	5550	110	AVG	18.78	17.65	23.98	-5.20
	5590	118	AVG	19.12	19.17	23.98	-4.81
	5630	126	AVG	19.26	19.29	23.98	-4.69
	5670	134	AVG	16.69	16.74	23.98	-7.24
	5710	142	AVG	19.20	19.25	23.98	-4.73
	5755	151	AVG	19.25	19.29	30.00	-10.71
	5795	159	AVG	19.32	19.38	30.00	-10.62

Table 7-24. FCC Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	13.96	13.46	23.98	-10.02
	5230	46	AVG	19.10	18.98	23.98	-4.88
	5270	54	AVG	19.18	19.23	23.98	-4.75
	5310	62	AVG	14.00	13.70	23.98	-9.98
	5510	102	AVG	12.14	12.22	23.98	-11.76
	5550	110	AVG	18.33	17.86	23.98	-5.65
	5590	118	AVG	19.27	19.36	23.98	-4.62
	5630	126	AVG	19.11	18.88	23.98	-4.87
	5670	134	AVG	14.63	14.49	23.98	-9.35
	5710	142	AVG	19.11	19.21	23.98	-4.77
	5755	151	AVG	19.48	19.24	30.00	-10.53
	5795	159	AVG	19.22	19.19	30.00	-10.78

Table 7-25. FCC Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 82 of 595

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	14.47	13.97	23.98	-9.51
	5290	58	AVG	16.88	16.75	23.98	-7.10
	5530	106	AVG	14.32	14.32	23.98	-9.66
	5610	122	AVG	18.89	18.69	23.98	-5.09
	5690	138	AVG	19.16	19.32	23.98	-4.82
	5775	155	AVG	17.87	17.20	30.00	-12.14

Table 7-26. FCC Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	13.66	13.27	23.98	-10.32
	5290	58	AVG	15.93	15.72	23.98	-8.05
	5530	106	AVG	13.79	13.34	23.98	-10.19
	5610	122	AVG	17.63	17.67	23.98	-6.35
	5690	138	AVG	19.33	19.44	23.98	-4.65
	5775	155	AVG	17.71	16.87	30.00	-12.29

Table 7-27. FCC Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	12.95	12.87	23.98	-11.03
	5290	58	AVG	13.26	13.18	23.98	-10.72
	5530	106	AVG	12.69	12.92	23.98	-11.29
	5610	122	AVG	16.94	16.65	23.98	-7.04
	5690	138	AVG	19.33	19.34	23.98	-4.65
	5775	155	AVG	17.49	16.78	30.00	-12.52

Table 7-28. FCC Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	13.40	13.22	23.98	-10.58
	5570	114	AVG	13.20	13.16	23.98	-10.78

Table 7-29. FCC Antenna 5T 160MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element			MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device				Page 83 of 595	

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	13.38	13.20	23.98	-10.60
	5570	114	AVG	12.70	12.86	23.98	-11.28

Table 7-30. FCC Antenna 5T 160MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	12.19	12.12	23.98	-11.79
	5570	114	AVG	11.90	11.81	23.98	-12.08

Table 7-31. FCC Antenna 5T 160MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 84 of 595	

7.4.2 ISED Antenna 5T Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	14.75	14.44	14.57	-	-	3.70	18.45	23.01	-4.56
	5200	40	AVG	14.46	14.63	14.62	-	-	3.70	18.33	23.01	-4.68
	5240	48	AVG	14.61	14.65	14.58	-	-	3.70	18.35	23.01	-4.66
	5260	52	AVG	19.20	19.21	19.26	23.98	-4.72	3.70	22.96	30.00	-7.04
	5300	60	AVG	19.15	19.17	19.15	23.98	-4.81	3.70	22.87	30.00	-7.13
	5320	64	AVG	18.14	17.90	18.07	23.98	-5.84	3.70	21.84	30.00	-8.17
	5500	100	AVG	16.87	17.05	16.98	23.98	-6.93	4.60	21.65	30.00	-8.35
	5520	104	AVG	19.29	19.31	19.18	23.98	-4.67	4.60	23.91	30.00	-6.09
	5580	116	AVG	19.09	19.11	19.34	23.98	-4.64	4.60	23.94	30.00	-6.06
	5660	132	AVG	19.46	19.39	19.31	23.98	-4.52	4.60	24.06	30.00	-5.94
	5680	136	AVG	19.32	19.27	18.73	23.98	-4.66	4.60	23.92	30.00	-6.08
	5700	140	AVG	17.21	17.41	16.86	23.98	-6.57	4.60	22.01	30.00	-7.99
	5720	144	AVG	19.27	19.32	19.29	23.98	-4.66	4.60	23.92	30.00	-6.08
	5745	149	AVG	19.21	19.49	19.17	30.00	-10.51	3.70	23.19	-	-
	5785	157	AVG	19.28	19.28	19.27	30.00	-10.72	3.70	22.98	-	-
	5825	165	AVG	19.26	19.24	19.34	30.00	-10.67	3.70	23.04	-	-

Table 7-32. ISED Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	14.64	14.44	14.73	-	-	3.70	18.43	23.01	-4.59
	5200	40	AVG	14.57	14.37	14.68	-	-	3.70	18.38	23.01	-4.63
	5240	48	AVG	14.39	14.19	14.71	-	-	3.70	18.41	23.01	-4.60
	5260	52	AVG	19.15	19.19	19.29	23.98	-4.69	3.70	22.99	30.00	-7.01
	5300	60	AVG	19.26	19.48	19.17	23.98	-4.50	3.70	23.18	30.00	-6.82
	5320	64	AVG	17.21	16.99	16.85	23.98	-6.77	3.70	20.91	30.00	-9.09
	5500	100	AVG	15.77	15.84	15.28	23.98	-8.14	4.60	20.44	30.00	-9.56
	5520	104	AVG	19.24	19.28	19.22	23.98	-4.70	4.60	23.88	30.00	-6.12
	5580	116	AVG	19.24	19.12	19.12	23.98	-4.74	4.60	23.84	30.00	-6.16
	5660	132	AVG	19.33	19.38	19.11	23.98	-4.60	4.60	23.98	30.00	-6.02
	5680	136	AVG	19.21	19.22	17.73	23.98	-4.76	4.60	23.82	30.00	-6.18
	5700	140	AVG	15.74	15.88	14.99	23.98	-8.10	4.60	20.48	30.00	-9.52
	5720	144	AVG	19.14	19.31	19.36	23.98	-4.62	4.60	23.96	30.00	-6.04
	5745	149	AVG	19.14	19.32	19.17	30.00	-10.68	3.70	23.02	-	-
	5785	157	AVG	19.12	19.13	19.25	30.00	-10.76	3.70	22.95	-	-
	5825	165	AVG	19.35	19.16	19.22	30.00	-10.65	3.70	23.05	-	-

Table 7-33. ISED Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 85 of 595

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
5180	36	AVG	14.51	14.50	14.66	-	-	3.70	18.36	23.01	-4.66	
5200	40	AVG	14.46	14.43	14.73	-	-	3.70	18.43	23.01	-4.58	
5240	48	AVG	14.44	14.70	14.54	-	-	3.70	18.40	23.01	-4.62	
5260	52	AVG	19.21	19.38	19.12	23.98	-4.60	3.70	23.08	30.00	-6.92	
5300	60	AVG	19.45	19.43	19.25	23.98	-4.53	3.70	23.15	30.00	-6.85	
5320	64	AVG	16.02	15.99	15.62	23.98	-7.96	3.70	19.72	30.00	-10.28	
5500	100	AVG	14.86	14.76	14.33	23.98	-9.12	4.60	19.46	30.00	-10.54	
5520	104	AVG	19.46	19.27	18.15	23.98	-4.52	4.60	24.06	30.00	-5.94	
5540	108	AVG	19.12	19.40	19.48	23.98	-4.50	4.60	24.08	30.00	-5.93	
5580	116	AVG	19.25	19.37	19.24	23.98	-4.61	4.60	23.97	30.00	-6.03	
5660	132	AVG	19.12	19.38	19.22	23.98	-4.60	4.60	23.98	30.00	-6.03	
5680	136	AVG	18.18	18.43	17.24	23.98	-5.55	4.60	23.03	30.00	-6.97	
5700	140	AVG	13.43	13.33	13.15	23.98	-10.55	4.60	18.03	30.00	-11.97	
5720	144	AVG	19.18	19.11	19.30	23.98	-4.68	4.60	23.90	30.00	-6.10	
5745	149	AVG	19.19	19.35	19.18	30.00	-10.65	3.70	23.05	-	-	
5785	157	AVG	19.31	19.11	19.13	30.00	-10.69	3.70	23.01	-	-	
5825	165	AVG	19.28	19.13	19.17	30.00	-10.72	3.70	22.98	-	-	

Table 7-34. ISED Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
5190	38	AVG	15.17	13.71	-	-	3.70	18.87	23.01	-4.14	
5230	46	AVG	17.04	17.09	-	-	3.70	20.79	23.01	-2.22	
5270	54	AVG	19.19	19.28	23.98	-4.70	3.70	22.98	30.00	-7.03	
5310	62	AVG	16.57	16.60	23.98	-7.38	3.70	20.30	30.00	-9.70	
5510	102	AVG	15.22	14.22	23.98	-8.76	4.60	19.82	30.00	-10.18	
5550	110	AVG	19.16	18.24	23.98	-4.82	4.60	23.76	30.00	-6.24	
5670	134	AVG	18.62	17.66	23.98	-5.36	4.60	23.22	30.00	-6.78	
5710	142	AVG	19.45	19.17	23.98	-4.53	4.60	24.05	30.00	-5.95	
5755	151	AVG	19.10	19.16	30.00	-10.84	3.70	22.86	-	-	
5795	159	AVG	19.21	19.47	30.00	-10.53	3.70	23.17	-	-	

Table 7-35. ISED Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
5190	38	AVG	14.67	13.63	-	-	3.70	18.37	23.01	-4.64	
5230	46	AVG	17.16	16.97	-	-	3.70	20.86	23.01	-2.15	
5270	54	AVG	19.27	19.11	23.98	-4.71	3.70	22.97	30.00	-7.03	
5310	62	AVG	15.38	15.47	23.98	-8.51	3.70	19.17	30.00	-10.83	
5510	102	AVG	14.83	13.84	23.98	-9.15	4.60	19.43	30.00	-10.57	
5550	110	AVG	18.78	17.65	23.98	-5.20	4.60	23.38	30.00	-6.62	
5670	134	AVG	16.69	16.74	23.98	-7.24	4.60	21.34	30.00	-8.66	
5710	142	AVG	19.20	19.25	23.98	-4.73	4.60	23.85	30.00	-6.15	
5755	151	AVG	19.25	19.29	30.00	-10.71	3.70	22.99	-	-	
5795	159	AVG	19.32	19.38	30.00	-10.62	3.70	23.08	-	-	

Table 7-36. ISED Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	MEASUREMENT REPORT (CERTIFICATION)						Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024						EUT Type: Tablet Device

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
5190	38	AVG		13.65	13.30	-	-	3.70	17.35	23.01	-5.66
5230	46	AVG		17.11	17.20	-	-	3.70	20.90	23.01	-2.11
5270	54	AVG		19.18	19.23	23.98	-4.75	3.70	22.93	30.00	-7.07
5310	62	AVG		14.00	13.70	23.98	-9.98	3.70	17.70	30.00	-12.30
5510	102	AVG		12.14	12.22	23.98	-11.76	4.60	16.82	30.00	-13.18
5550	110	AVG		18.33	17.86	23.98	-5.65	4.60	22.93	30.00	-7.08
5670	134	AVG		14.63	14.49	23.98	-9.35	4.60	19.23	30.00	-10.77
5710	142	AVG		19.11	19.21	23.98	-4.77	4.60	23.81	30.00	-6.19
5755	151	AVG		19.48	19.24	30.00	-10.53	3.70	23.18	-	-
5795	159	AVG		19.22	19.19	30.00	-10.78	3.70	22.92	-	-

Table 7-37. ISED Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
5210	42	AVG		14.26	13.76	-	-	3.70	17.96	23.01	-5.05
5290	58	AVG		16.88	16.75	23.98	-7.10	3.70	20.58	30.00	-9.42
5530	106	AVG		14.32	14.32	23.98	-9.66	4.60	18.92	30.00	-11.08
5690	138	AVG		19.16	19.32	23.98	-4.82	4.60	23.92	30.00	-6.08
5775	155	AVG		17.87	17.20	30.00	-12.14	3.70	21.57	-	-

Table 7-38. ISED Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
5210	42	AVG		13.80	13.16	-	-	3.70	17.50	23.01	-5.52
5290	58	AVG		15.93	15.72	23.98	-8.05	3.70	19.63	30.00	-10.38
5530	106	AVG		13.79	13.34	23.98	-10.19	4.60	18.39	30.00	-11.61
5690	138	AVG		19.33	19.44	23.98	-4.65	4.60	24.04	30.00	-5.96
5775	155	AVG		17.71	16.87	30.00	-12.29	3.70	21.41	-	-

Table 7-39. ISED Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
5210	42	AVG		12.67	12.94	-	-	3.70	16.64	23.01	-6.37
5290	58	AVG		13.26	13.18	23.98	-10.72	3.70	16.96	30.00	-13.04
5530	106	AVG		12.69	12.92	23.98	-11.29	4.60	17.52	30.00	-12.48
5690	138	AVG		19.33	19.34	23.98	-4.65	4.60	23.94	30.00	-6.06
5775	155	AVG		17.49	16.78	30.00	-12.52	3.70	21.19	-	-

Table 7-40. ISED Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
5250	50	AVG		13.11	13.21	23.98	-10.87	3.70	16.91	23.01	-6.10

Table 7-41. ISED Antenna 5T 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	MEASUREMENT REPORT (CERTIFICATION)						Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024						Page 87 of 595

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
5250	50	AVG		13.50	13.25	23.98	-10.48	3.70	17.20	23.01	-5.81

Table 7-42. ISED Antenna 5T 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
5250	50	AVG		12.06	11.88	23.98	-11.92	3.70	15.76	23.01	-7.25

Table 7-43. ISED Antenna 5T 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device			

V 10.6 10/27/2023

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Page 88 of 595

7.4.3 FCC Antenna 3b Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
	5180	36	AVG	17.14	17.32	16.25	23.98	-6.66
	5200	40	AVG	19.20	19.17	19.14	23.98	-4.78
	5240	48	AVG	19.27	19.49	19.28	23.98	-4.49
	5260	52	AVG	19.34	19.32	19.18	23.98	-4.64
	5300	60	AVG	19.36	19.34	19.14	23.98	-4.62
	5320	64	AVG	18.03	17.93	18.10	23.98	-5.88
	5500	100	AVG	17.23	17.17	16.99	23.98	-6.75
	5520	104	AVG	19.43	19.18	19.29	23.98	-4.55
	5580	116	AVG	19.32	19.13	19.33	23.98	-4.65
	5660	132	AVG	19.23	19.12	19.17	23.98	-4.75
	5680	136	AVG	19.18	19.26	18.42	23.98	-4.72
	5700	140	AVG	17.11	17.48	16.70	23.98	-6.50
	5720	144	AVG	19.33	19.29	19.13	23.98	-4.65
	5745	149	AVG	19.24	19.42	19.12	30.00	-10.58
	5785	157	AVG	19.39	19.29	19.15	30.00	-10.61
	5825	165	AVG	19.37	19.30	19.49	30.00	-10.51

Table 7-44. FCC Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
	5180	36	AVG	16.35	16.41	15.88	23.98	-7.57
	5200	40	AVG	19.12	19.15	19.30	23.98	-4.68
	5240	48	AVG	19.23	19.33	19.25	23.98	-4.65
	5260	52	AVG	19.11	19.26	19.23	23.98	-4.72
	5300	60	AVG	19.05	19.32	19.12	23.98	-4.66
	5320	64	AVG	16.96	17.12	16.66	23.98	-6.86
	5500	100	AVG	15.80	15.66	15.37	23.98	-8.18
	5520	104	AVG	19.17	19.13	19.32	23.98	-4.66
	5580	116	AVG	19.22	19.33	19.18	23.98	-4.65
	5660	132	AVG	19.13	19.32	19.19	23.98	-4.66
	5680	136	AVG	19.30	19.23	17.62	23.98	-4.68
	5700	140	AVG	15.97	15.75	14.58	23.98	-8.01
	5720	144	AVG	19.12	19.26	19.25	23.98	-4.72
	5745	149	AVG	19.14	19.22	19.16	30.00	-10.78
	5785	157	AVG	19.11	19.31	19.11	30.00	-10.69
	5825	165	AVG	19.44	19.33	19.33	30.00	-10.56

Table 7-45. FCC Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 89 of 595

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5180	36	AVG	AVG	15.50	15.39	15.15	23.98	-8.48
5200	40	AVG	AVG	19.23	19.28	19.45	23.98	-4.53
5240	48	AVG	AVG	19.20	19.47	19.42	23.98	-4.51
5260	52	AVG	AVG	19.27	19.50	19.49	23.98	-4.48
5300	60	AVG	AVG	19.47	19.14	19.19	23.98	-4.51
5320	64	AVG	AVG	15.96	16.17	15.68	23.98	-7.81
5500	100	AVG	AVG	14.97	14.83	14.24	23.98	-9.01
5520	104	AVG	AVG	19.18	19.14	18.26	23.98	-4.80
5540	108	AVG	AVG	19.25	19.24	19.35	23.98	-4.63
5580	116	AVG	AVG	19.24	19.30	19.36	23.98	-4.62
5660	132	AVG	AVG	19.34	19.30	19.20	23.98	-4.64
5680	136	AVG	AVG	18.33	18.06	17.31	23.98	-5.65
5700	140	AVG	AVG	13.29	13.32	13.32	23.98	-10.66
5720	144	AVG	AVG	19.12	19.17	19.30	23.98	-4.68
5745	149	AVG	AVG	19.26	19.29	19.11	30.00	-10.71
5785	157	AVG	AVG	19.44	19.11	19.12	30.00	-10.56
5825	165	AVG	AVG	19.30	19.14	19.46	30.00	-10.54

Table 7-46. FCC Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
5190	38	AVG	AVG	15.09	13.59	23.98	-8.89
5230	46	AVG	AVG	19.26	19.29	23.98	-4.69
5270	54	AVG	AVG	19.27	19.27	23.98	-4.71
5310	62	AVG	AVG	16.57	16.53	23.98	-7.41
5510	102	AVG	AVG	15.30	14.32	23.98	-8.68
5550	110	AVG	AVG	19.31	18.24	23.98	-4.67
5590	118	AVG	AVG	19.26	19.30	23.98	-4.68
5630	126	AVG	AVG	19.22	19.21	23.98	-4.76
5670	134	AVG	AVG	18.87	17.87	23.98	-5.11
5710	142	AVG	AVG	19.43	19.15	23.98	-4.55
5755	151	AVG	AVG	19.13	19.16	30.00	-10.84
5795	159	AVG	AVG	19.19	19.21	30.00	-10.79

Table 7-47. FCC Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 90 of 595

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	14.54	13.76	23.98	-9.44
	5230	46	AVG	19.11	19.16	23.98	-4.82
	5270	54	AVG	19.24	19.29	23.98	-4.69
	5310	62	AVG	15.57	15.62	23.98	-8.36
	5510	102	AVG	14.79	13.72	23.98	-9.19
	5550	110	AVG	18.82	17.74	23.98	-5.16
	5590	118	AVG	19.32	19.37	23.98	-4.61
	5630	126	AVG	19.24	19.26	23.98	-4.72
	5670	134	AVG	16.94	16.55	23.98	-7.04
	5710	142	AVG	19.15	19.19	23.98	-4.79
	5755	151	AVG	19.23	19.28	30.00	-10.73
	5795	159	AVG	19.14	19.18	30.00	-10.82

Table 7-48. FCC Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	13.68	13.12	23.98	-10.30
	5230	46	AVG	19.32	18.99	23.98	-4.66
	5270	54	AVG	19.26	19.33	23.98	-4.65
	5310	62	AVG	13.79	13.87	23.98	-10.11
	5510	102	AVG	12.29	12.16	23.98	-11.69
	5550	110	AVG	18.26	17.61	23.98	-5.72
	5590	118	AVG	19.32	19.12	23.98	-4.66
	5630	126	AVG	19.21	18.95	23.98	-4.77
	5670	134	AVG	14.93	14.34	23.98	-9.05
	5710	142	AVG	19.18	19.21	23.98	-4.77
	5755	151	AVG	19.28	19.32	30.00	-10.68
	5795	159	AVG	19.11	19.44	30.00	-10.57

Table 7-49. FCC Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 91 of 595

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	14.27	13.99	23.98	-9.71
	5290	58	AVG	16.61	16.62	23.98	-7.37
	5530	106	AVG	14.40	14.43	23.98	-9.58
	5610	122	AVG	18.84	18.65	23.98	-5.14
	5690	138	AVG	19.48	19.21	23.98	-4.50
	5775	155	AVG	17.79	17.14	30.00	-12.21

Table 7-50. FCC Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	13.69	13.38	23.98	-10.29
	5290	58	AVG	15.76	15.83	23.98	-8.22
	5530	106	AVG	13.94	13.38	23.98	-10.04
	5610	122	AVG	17.89	17.93	23.98	-6.09
	5690	138	AVG	19.20	19.31	23.98	-4.78
	5775	155	AVG	17.80	17.07	30.00	-12.20

Table 7-51. FCC Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	12.75	12.77	23.98	-11.23
	5290	58	AVG	13.13	13.38	23.98	-10.85
	5530	106	AVG	12.84	12.63	23.98	-11.14
	5610	122	AVG	16.91	16.69	23.98	-7.07
	5690	138	AVG	19.44	19.15	23.98	-4.54
	5775	155	AVG	17.43	16.94	30.00	-12.57

Table 7-52. FCC Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	13.46	13.50	23.98	-10.52
	5570	114	AVG	13.45	13.10	23.98	-10.53

Table 7-53. FCC Antenna 3b 160MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device		

V 10.6 10/27/2023

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5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	13.36	13.48	23.98	-10.62
	5570	114	AVG	12.83	12.79	23.98	-11.15

Table 7-54. FCC Antenna 3b 160MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	12.01	12.06	23.98	-11.97
	5570	114	AVG	11.67	11.99	23.98	-12.31

Table 7-55. FCC Antenna 3b 160MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 93 of 595	

7.4.4 ISED Antenna 3b Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	14.73	14.61	14.48	-	-	3.50	18.23	23.01	-4.78
	5200	40	AVG	14.60	14.60	14.48	-	-	3.50	18.10	23.01	-4.91
	5240	48	AVG	14.64	14.73	14.44	-	-	3.50	18.23	23.01	-4.78
	5260	52	AVG	19.34	19.32	19.18	23.98	-4.64	3.30	22.64	30.00	-7.36
	5300	60	AVG	19.36	19.34	19.14	23.98	-4.62	3.30	22.66	30.00	-7.34
	5320	64	AVG	18.03	17.93	18.10	23.98	-5.88	3.30	21.40	30.00	-8.60
	5500	100	AVG	17.23	17.17	16.99	23.98	-6.75	3.00	20.23	30.00	-9.78
	5520	104	AVG	19.43	19.18	19.29	23.98	-4.55	3.00	22.43	30.00	-7.57
	5580	116	AVG	19.32	19.13	19.33	23.98	-4.65	3.00	22.33	30.00	-7.67
	5660	132	AVG	19.23	19.12	19.17	23.98	-4.75	3.00	22.23	30.00	-7.77
	5680	136	AVG	19.18	19.26	18.42	23.98	-4.72	3.00	22.26	30.00	-7.74
	5700	140	AVG	17.11	17.48	16.70	23.98	-6.50	3.00	20.48	30.00	-9.52
	5720	144	AVG	19.33	19.29	19.13	23.98	-4.65	3.00	22.33	30.00	-7.68
	5745	149	AVG	19.24	19.42	19.12	30.00	-10.58	1.90	21.32	-	-
	5785	157	AVG	19.39	19.29	19.15	30.00	-10.61	1.90	21.29	-	-
	5825	165	AVG	19.37	19.30	19.49	30.00	-10.51	1.90	21.39	-	-

Table 7-56. ISED Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	14.40	14.36	14.68	-	-	3.50	18.18	23.01	-4.84
	5200	40	AVG	14.34	14.64	14.63	-	-	3.50	18.14	23.01	-4.87
	5240	48	AVG	14.57	14.46	14.40	-	-	3.50	18.07	23.01	-4.94
	5260	52	AVG	19.11	19.26	19.23	23.98	-4.72	3.30	22.56	30.00	-7.44
	5300	60	AVG	19.05	19.32	19.12	23.98	-4.66	3.30	22.62	30.00	-7.38
	5320	64	AVG	16.96	17.12	16.66	23.98	-6.86	3.30	20.42	30.00	-9.58
	5500	100	AVG	15.80	15.66	15.37	23.98	-8.18	3.00	18.80	30.00	-11.20
	5520	104	AVG	19.17	19.13	19.32	23.98	-4.66	3.00	22.32	30.00	-7.68
	5580	116	AVG	19.22	19.33	19.18	23.98	-4.65	3.00	22.33	30.00	-7.68
	5660	132	AVG	19.13	19.32	19.19	23.98	-4.66	3.00	22.32	30.00	-7.68
	5680	136	AVG	19.30	19.23	17.62	23.98	-4.68	3.00	22.30	30.00	-7.70
	5700	140	AVG	15.97	15.75	14.58	23.98	-8.01	3.00	18.97	30.00	-11.04
	5720	144	AVG	19.12	19.26	19.25	23.98	-4.72	3.00	22.26	30.00	-7.75
	5745	149	AVG	19.14	19.22	19.16	30.00	-10.78	1.90	21.12	-	-
	5785	157	AVG	19.11	19.31	19.11	30.00	-10.69	1.90	21.21	-	-
	5825	165	AVG	19.44	19.33	19.33	30.00	-10.56	1.90	21.34	-	-

Table 7-57. ISED Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 94 of 595