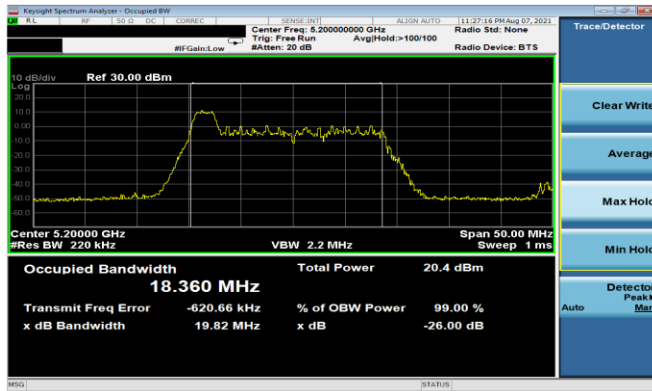
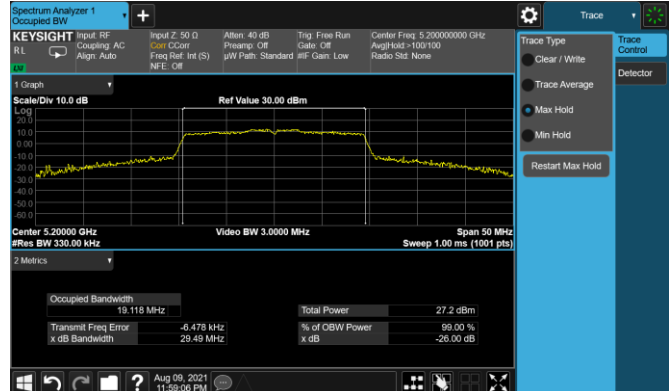
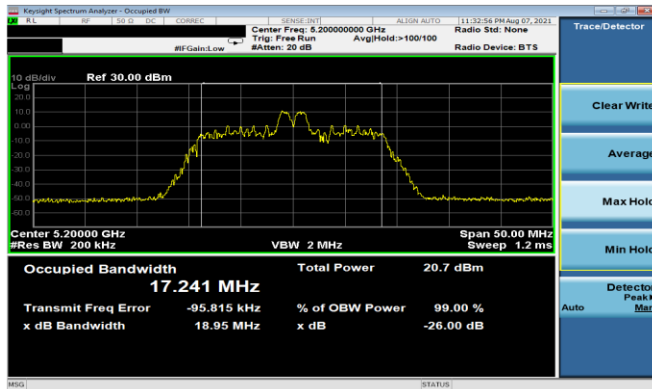




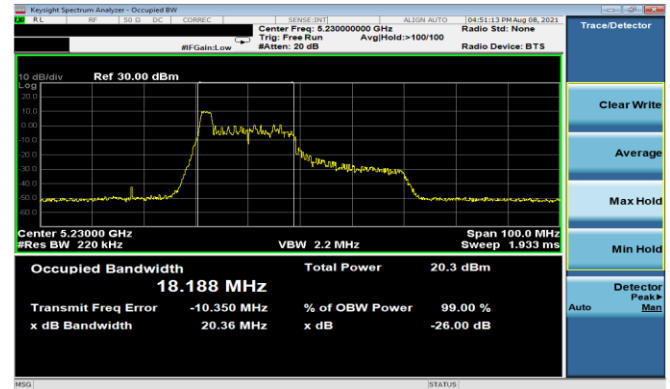
Plot 7-73. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 0 – RU26 – Ch.40)



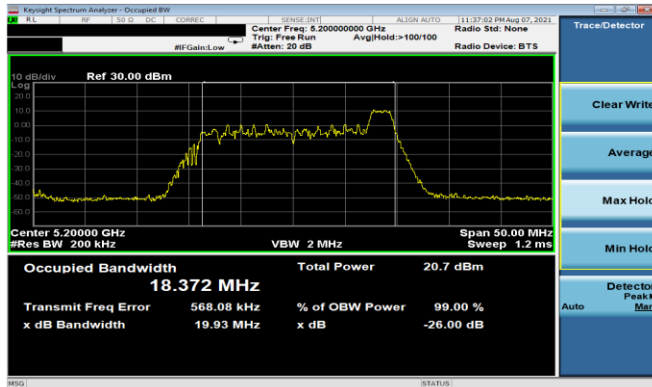
Plot 7-76. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax– RU242 – Ch.40)



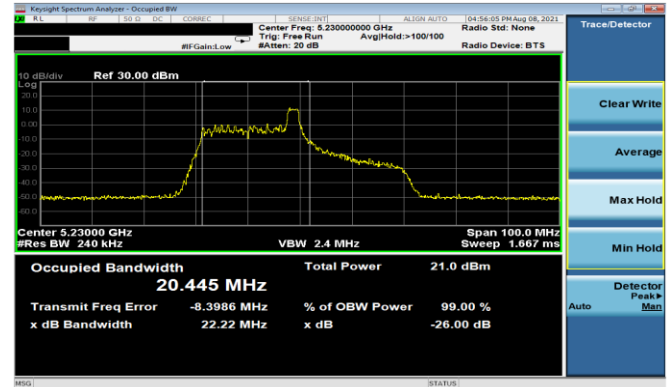
Plot 7-74. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 4 – RU26 – Ch.40)



Plot 7-77. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 0 – RU26 – Ch.46)

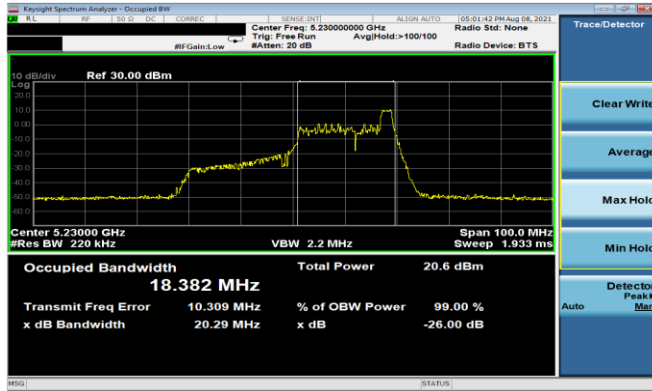


Plot 7-75. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 8– RU26 – Ch.40)

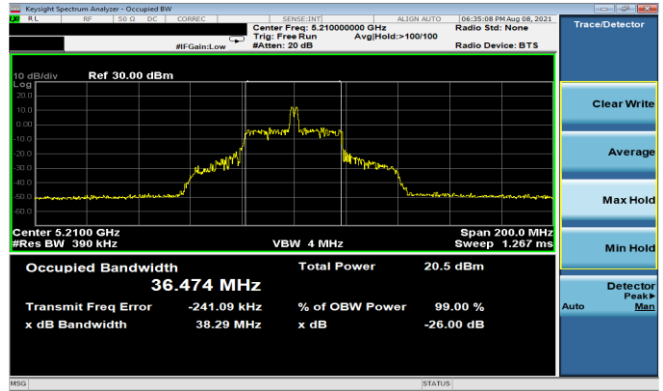


Plot 7-78. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 8 – RU26 – Ch.46)

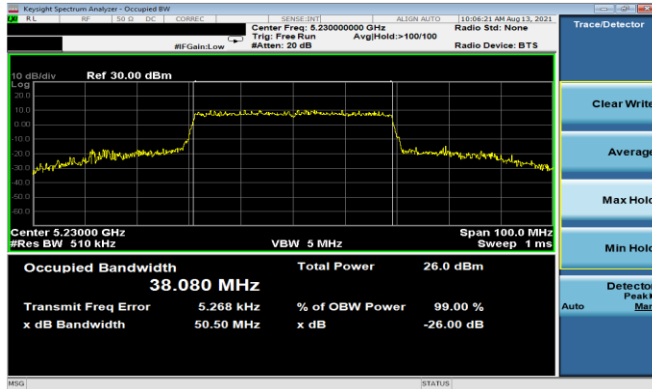
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 34 of 397



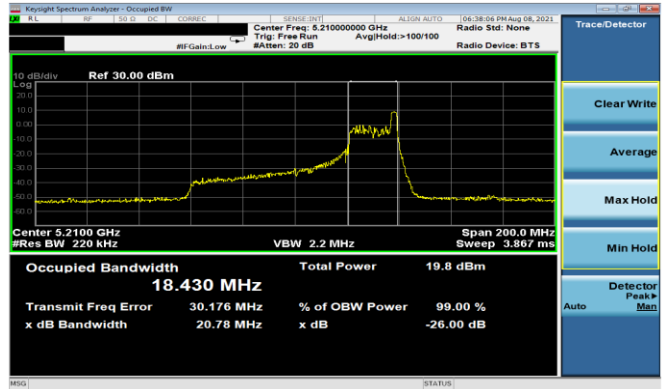
Plot 7-79. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 17 – RU26 – Ch.46)



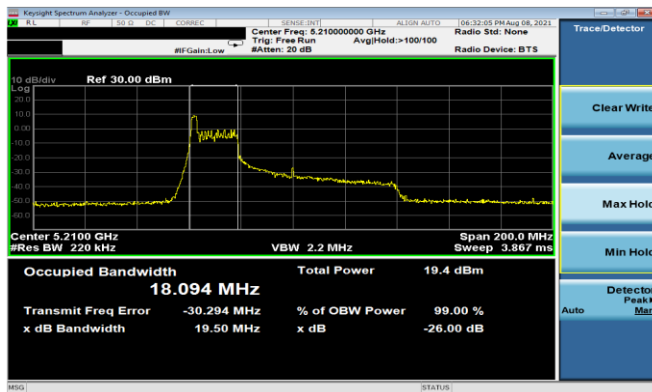
Plot 7-82. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 18 – RU26 – Ch.42)



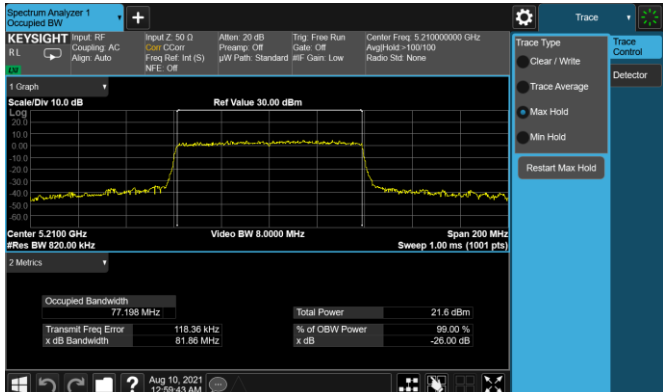
Plot 7-80. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax – RU484 – Ch.46)



Plot 7-83. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 36 – RU26 – Ch.42)

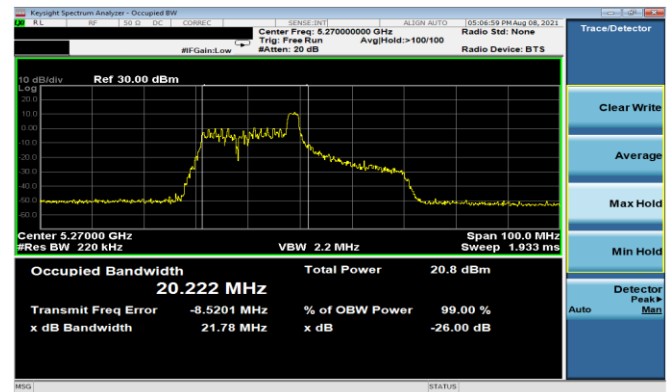
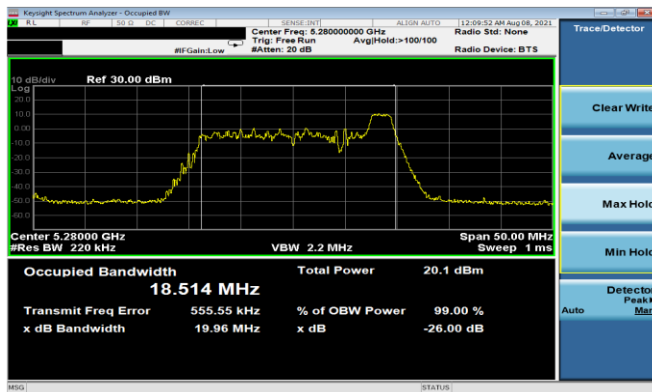
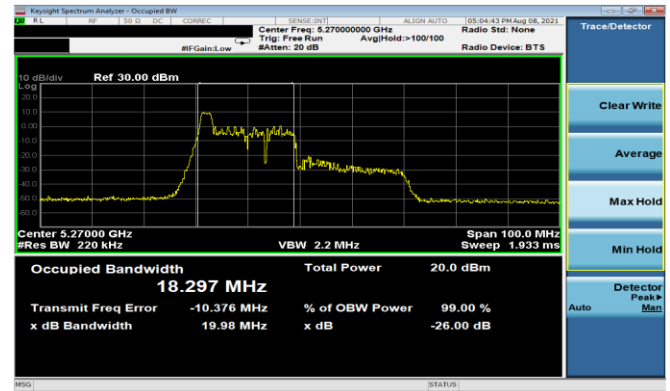
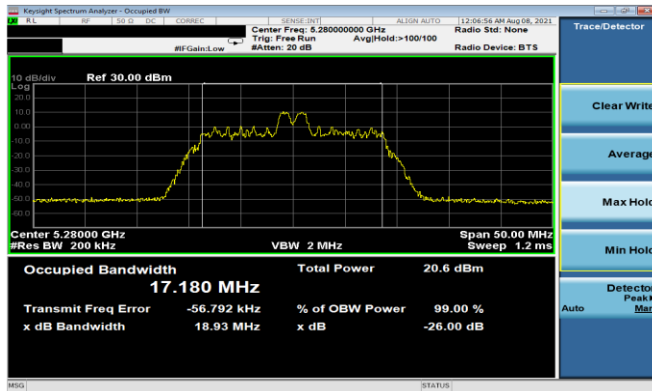
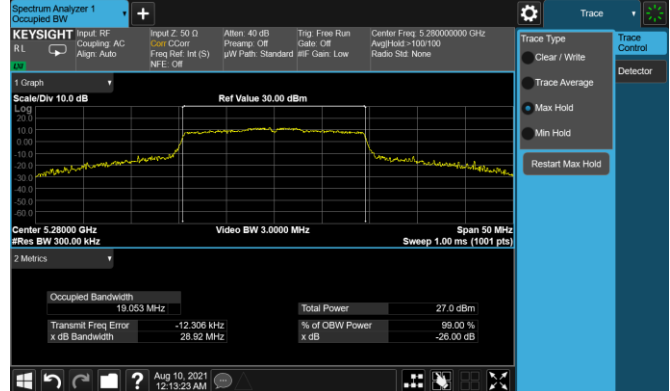
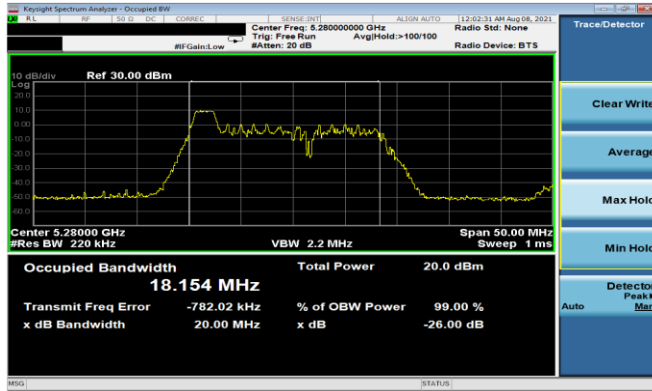


Plot 7-81. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 0 – RU26 – Ch.42)

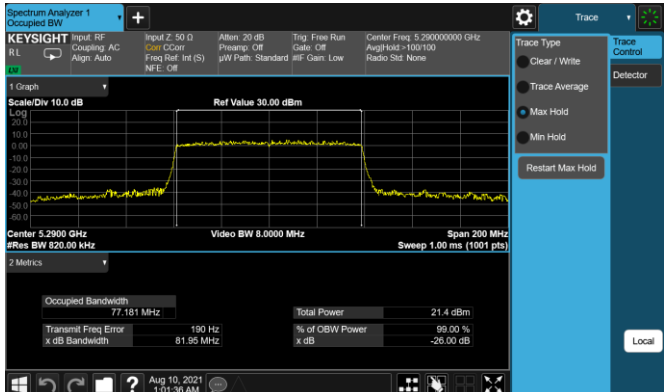
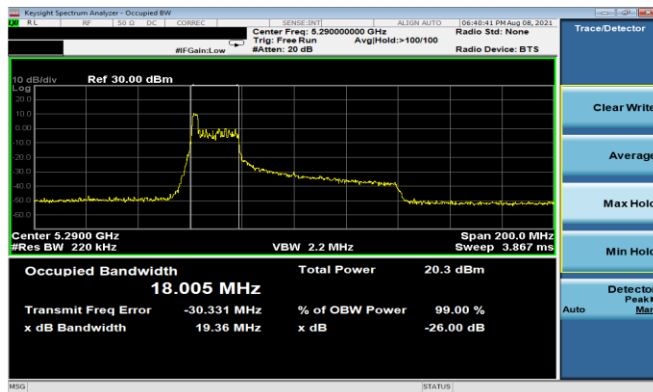
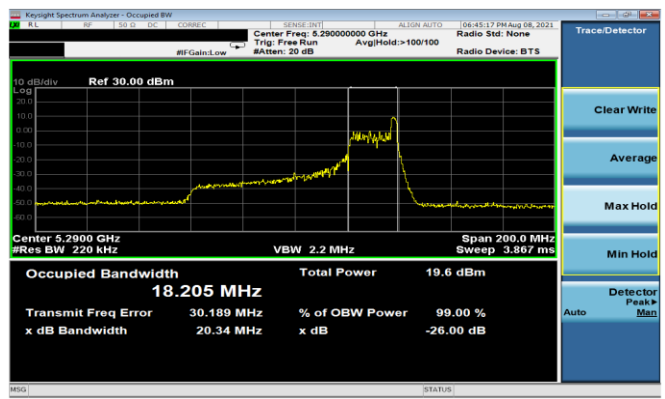
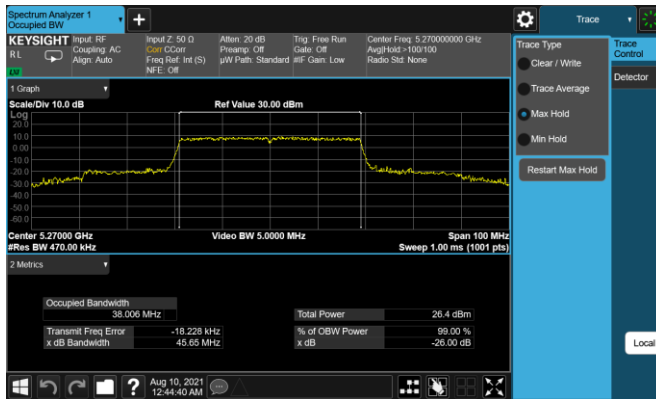
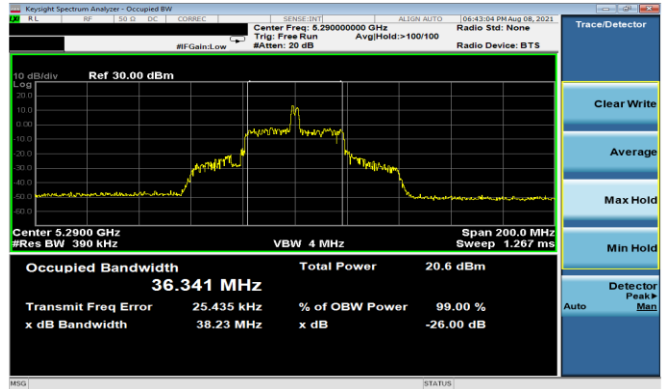
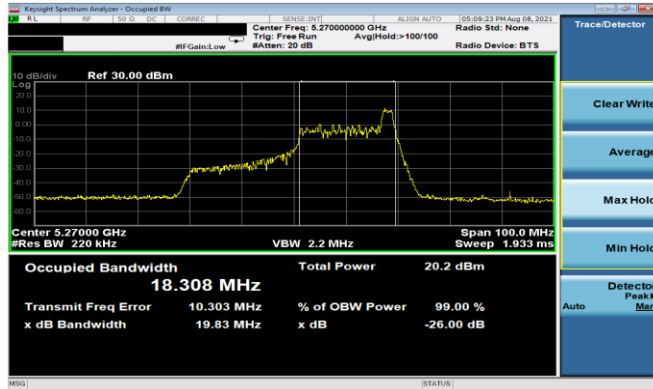


Plot 7-84. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax – RU996 – Ch.42)

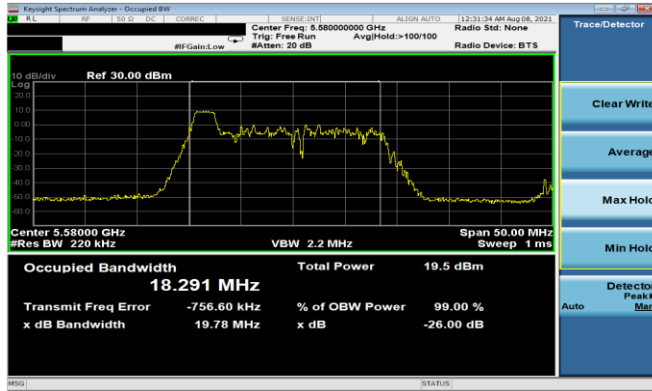
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 35 of 397



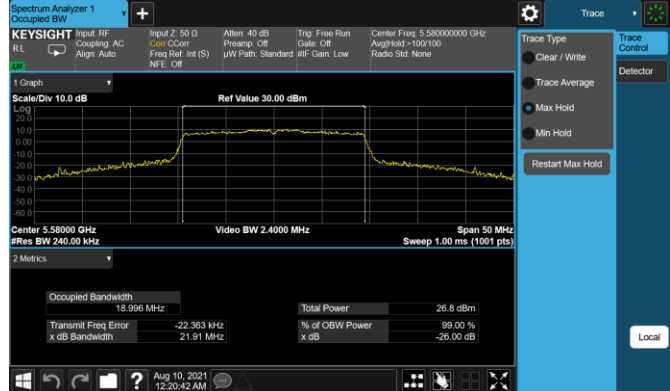
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 36 of 397



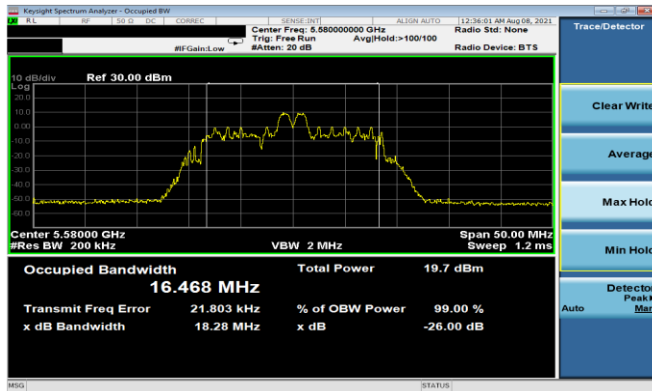
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 37 of 397



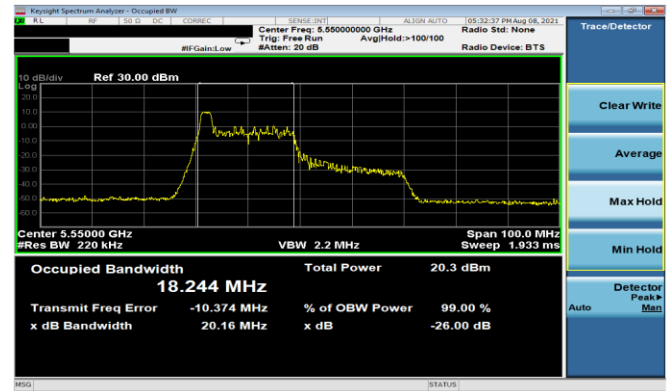
Plot 7-97. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 0 - RU26 - Ch.116)



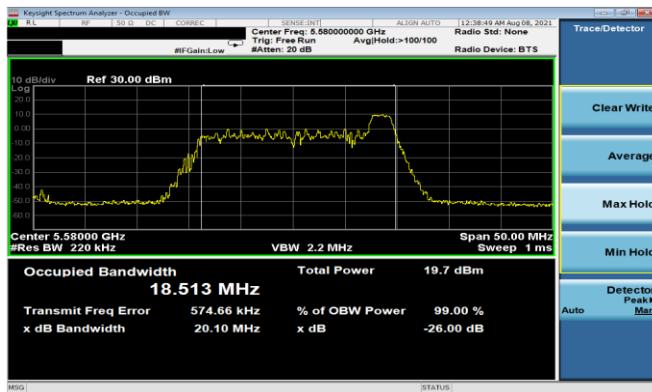
Plot 7-100. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax- RU242 - Ch.116)



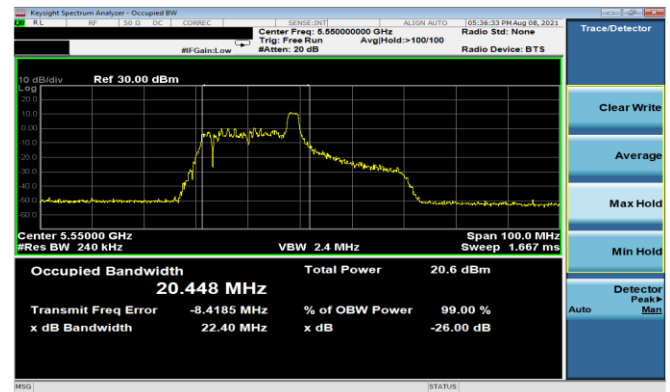
Plot 7-98. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 4 - RU26 - Ch.116)



Plot 7-101. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 0 - RU26 - Ch.110)

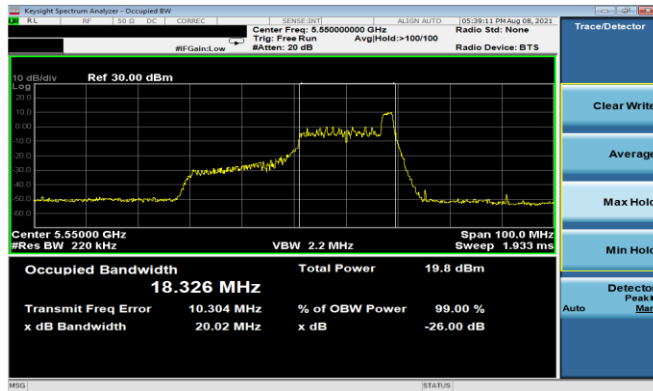


Plot 7-99. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 8 - RU26 - Ch.116)

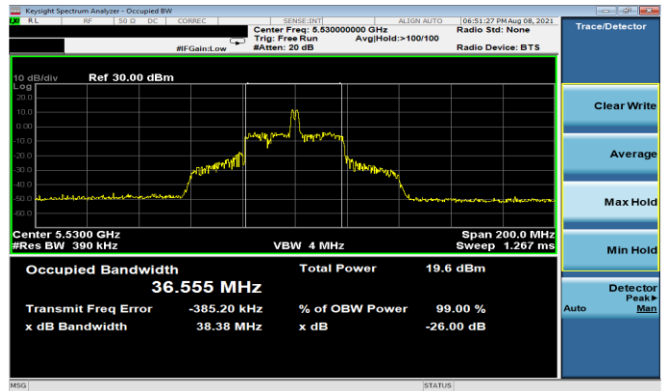


Plot 7-102. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 8 - RU26 - Ch.110)

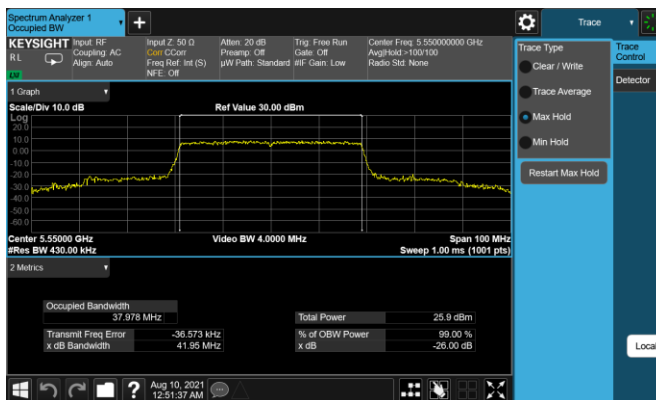
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 38 of 397



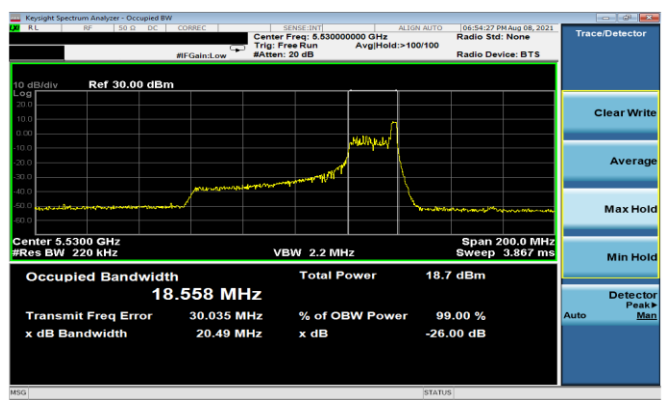
Plot 7-103. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 17 – RU26 – Ch.110)



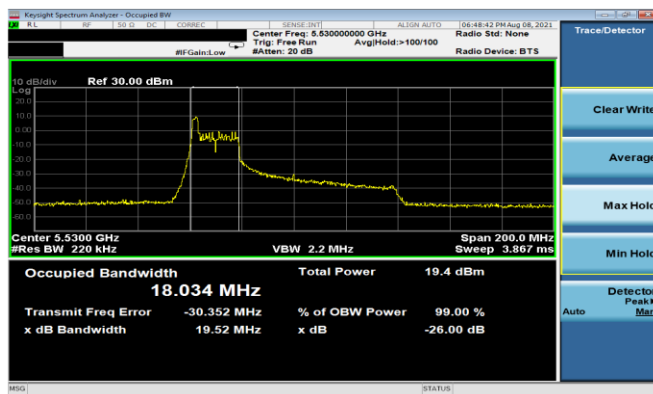
Plot 7-106. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 18 – RU26 – Ch.106)



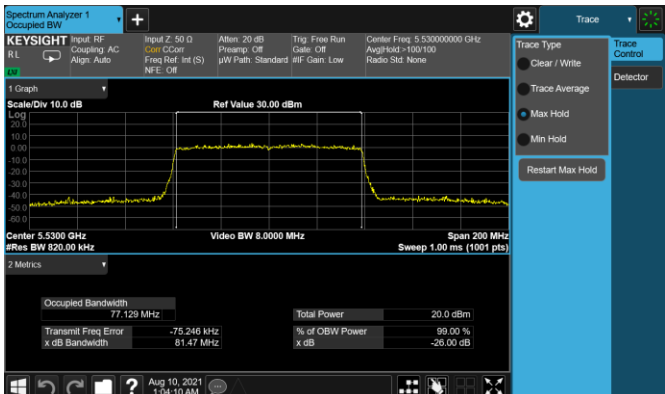
Plot 7-104. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax – RU484 – Ch.110)



Plot 7-107. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 36 – RU26 – Ch.106)



Plot 7-105. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 0 – RU26 – Ch.106)



Plot 7-108. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax – RU996 – Ch.106)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 39 of 397

7.3 6dB & 99% Bandwidth Measurement – 802.11ax OFDMA

§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 C63.10-2013 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 C63.10-2013 – Section 6.9.2
KDB 789033 D02 v02r01 – Section C

Test Settings

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

Test Setup

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



Figure 7-2. Test Instrument & Measurement Setup

Test Notes

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

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 40 of 397

Antenna 5T 6dB & 99% Bandwidth Measurements

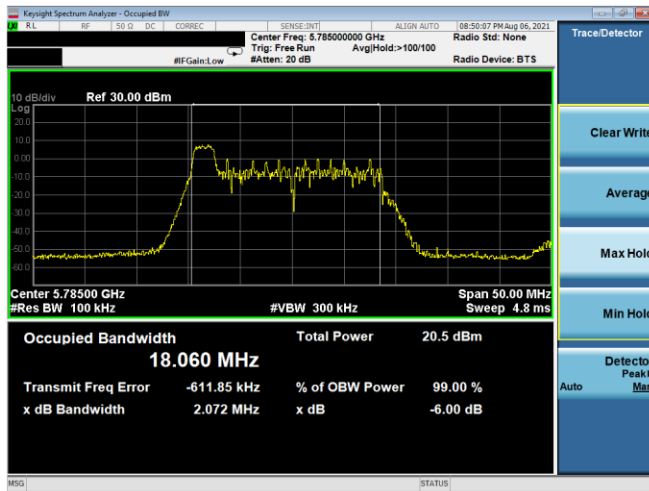
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	26	0	135/143.4 (MCS11)	18.15	2.10	0.50	Pass
				26	4	135/143.4 (MCS11)	17.06	2.69	0.50	Pass
				26	8	135/143.4 (MCS11)	18.37	2.11	0.50	Pass
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	18.06	2.07	0.50	Pass
				26	4	135/143.4 (MCS11)	17.21	2.63	0.50	Pass
				26	8	135/143.4 (MCS11)	18.20	2.08	0.50	Pass
	5825	165	ax (20MHz)	26	0	135/143.4 (MCS11)	18.22	2.12	0.50	Pass
				26	4	135/143.4 (MCS11)	16.97	2.70	0.50	Pass
				26	8	135/143.4 (MCS11)	18.36	2.06	0.50	Pass
	5755	151	ax (40MHz)	26	0	271/286.8 (MCS11)	17.92	2.16	0.50	Pass
				26	8	271/286.8 (MCS11)	19.28	2.17	0.50	Pass
				26	17	271/286.8 (MCS11)	18.09	2.17	0.50	Pass
	5795	159	ax (40MHz)	26	0	271/286.8 (MCS11)	18.00	2.17	0.50	Pass
				26	8	271/286.8 (MCS11)	19.30	2.17	0.50	Pass
				26	17	271/286.8 (MCS11)	18.04	2.17	0.50	Pass
	5775	155	ax (80MHz)	26	0	567/600.5 (MCS11)	17.92	2.29	0.50	Pass
				26	18	567/600.5 (MCS11)	36.58	2.83	0.50	Pass
				26	36	567/600.5 (MCS11)	18.08	2.28	0.50	Pass

Table 7-8. Conducted Bandwidth Measurements Antenna 5T (RU26)

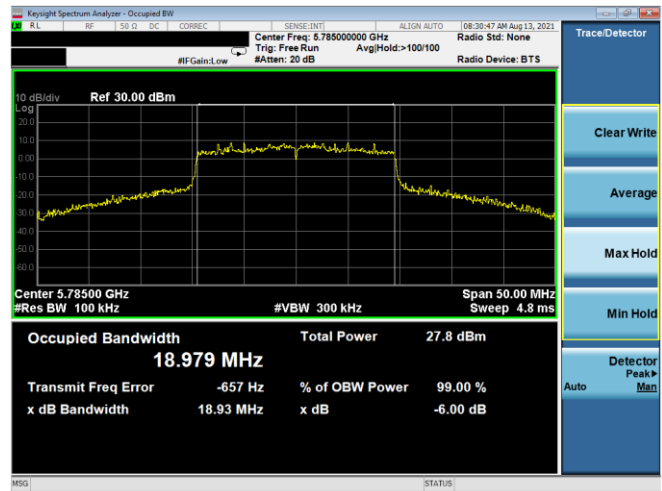
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	19.00	18.93	0.50	Pass
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	18.98	18.93	0.50	Pass
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	19.00	18.69	0.50	Pass
	5755	151	ax (40MHz)	484	65	271/286.8 (MCS11)	37.91	38.12	0.50	Pass
	5795	159	ax (40MHz)	484	65	271/286.8 (MCS11)	38.00	38.22	0.50	Pass
	5775	155	ax (80MHz)	996	67	567/600.5 (MCS11)	77.06	78.01	0.50	Pass

Table 7-9. Conducted Bandwidth Measurements Antenna 5T (Fully- loaded RU)

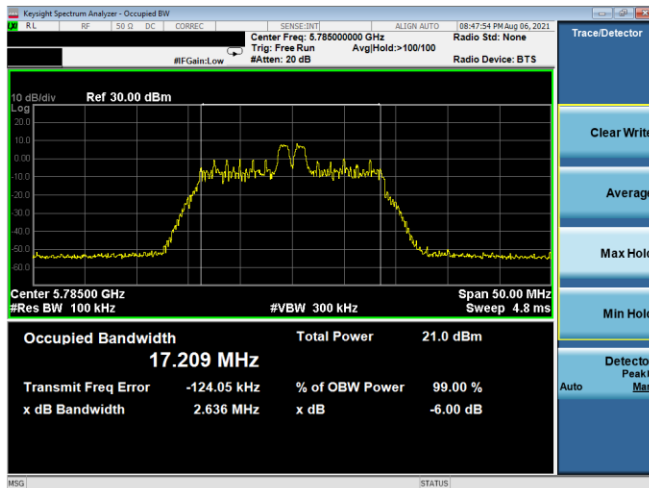
FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 41 of 397



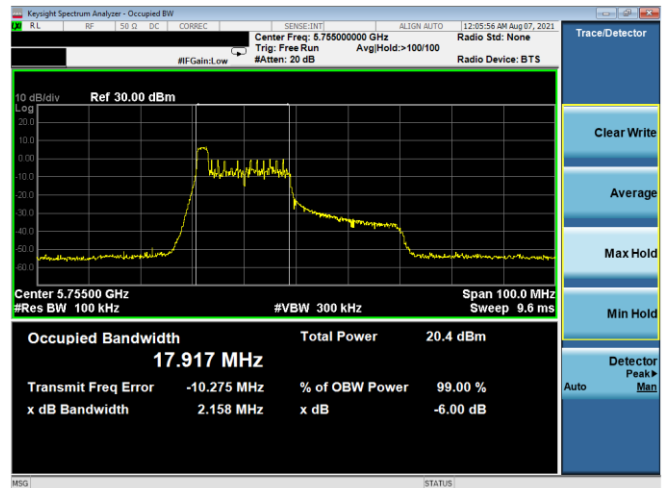
Plot 7-109. 6dB BW & 99% OBW Antenna 5T (20MHz BW 11ax Index 0 - RU26 - Ch.157)



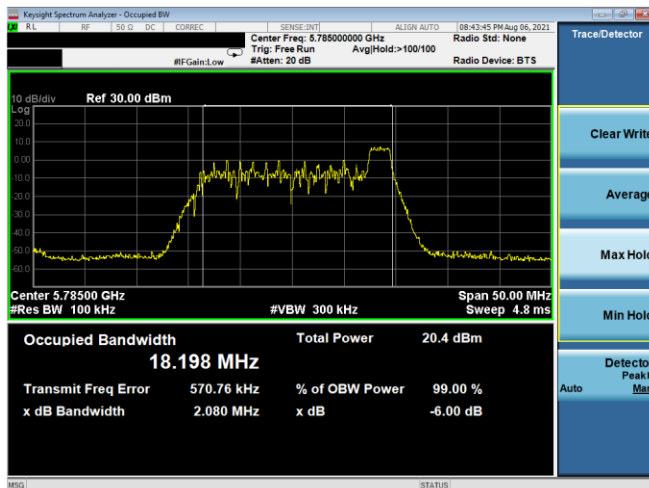
Plot 7-112. 6dB BW & 99% OBW Antenna 5T (20MHz BW 11ax- RU242 - Ch.157)



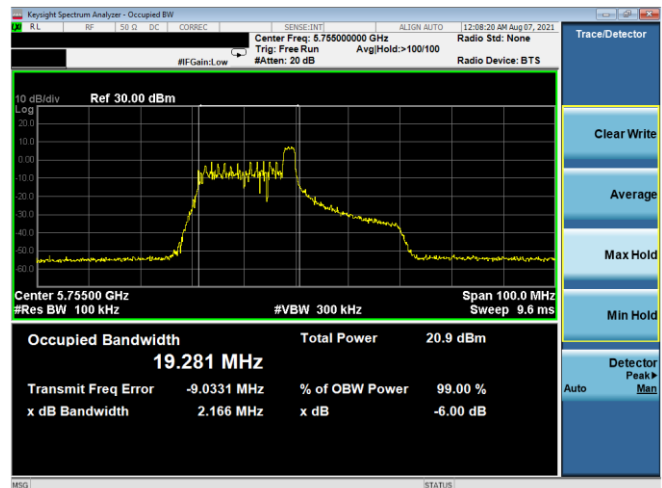
Plot 7-110. 6dB BW & 99% OBW Antenna 5T (20MHz BW 11ax Index 4 - RU26 - Ch.157)



Plot 7-113. 6dB BW & 99% OBW Antenna 5T (40MHz BW 11ax Index 0 - RU26 - Ch.151)

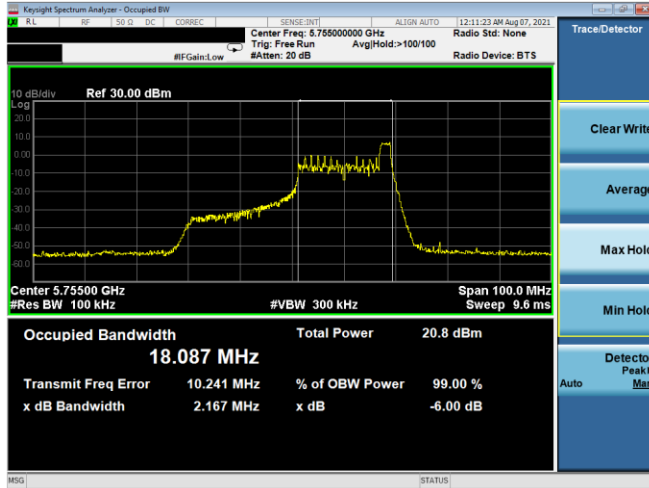


Plot 7-111. 6dB BW & 99% OBW Antenna 5T (20MHz BW 11ax Index 8 - RU26 - Ch.157)

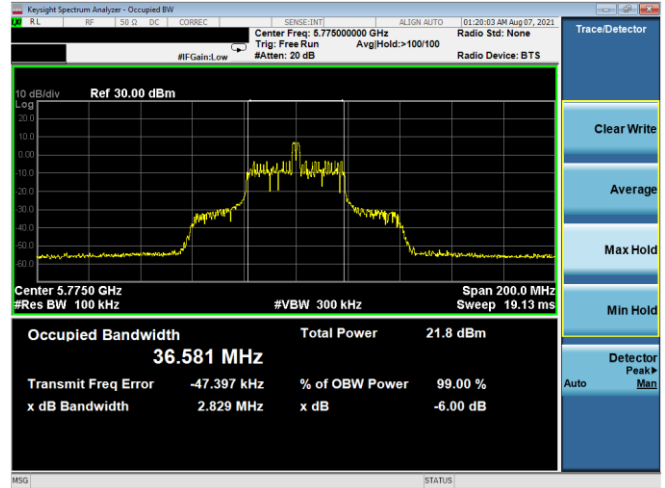


Plot 7-114. 6dB BW & 99% OBW Antenna 5T (40MHz BW 11ax Index 8 - RU26 - Ch.151)

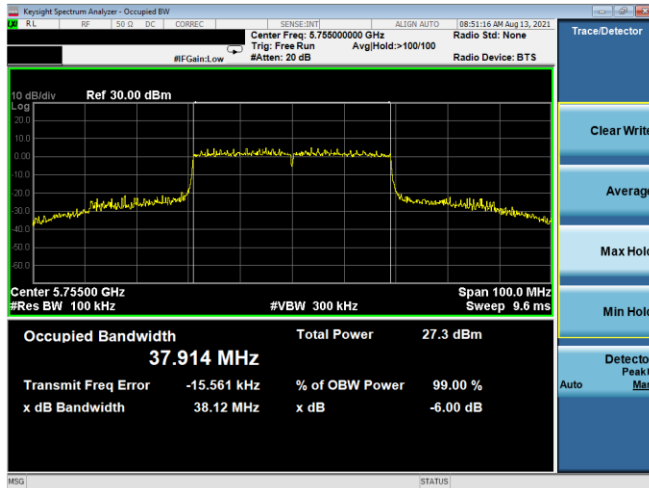
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 42 of 397



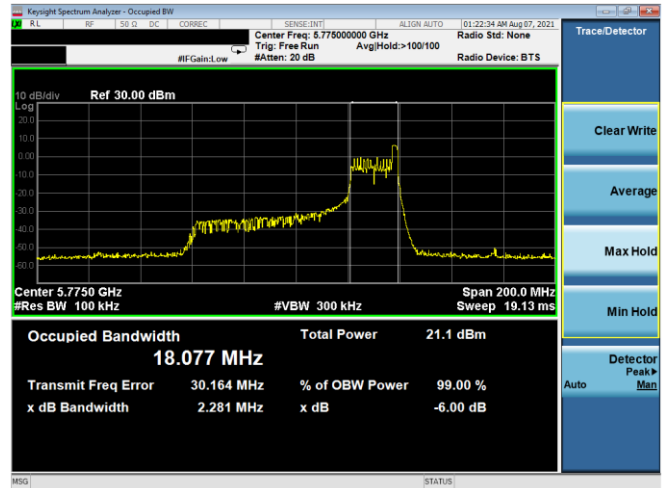
Plot 7-115. 6dB BW & 99% OBW Antenna 5T (40MHz BW 11ax Index 17 – RU26 – Ch.151)



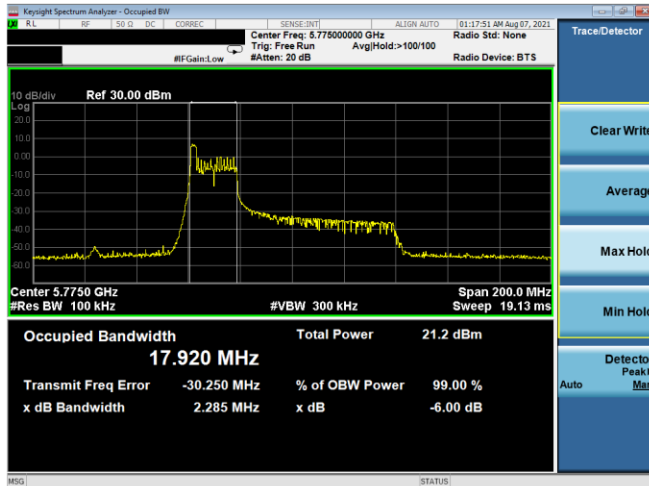
Plot 7-118. 6dB BW & 99% OBW Antenna 5T (80MHz BW 11ax Index 18 – RU26 – Ch.155)



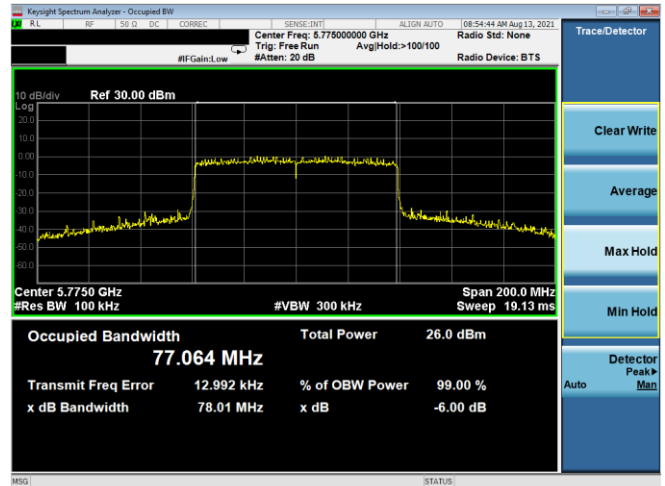
Plot 7-116. 6dB BW & 99% OBW Antenna 5T (40MHz BW 11ax – RU484 – Ch.151)



Plot 7-119. 6dB BW & 99% OBW Antenna 5T (80MHz BW 11ax Index 36 – RU26 – Ch.155)



Plot 7-117. 6dB BW & 99% OBW Antenna 5T (80MHz BW 11ax Index 0 – RU26 – Ch.155)



Plot 7-120. 6dB BW & 99% OBW Antenna 5T (80MHz BW 11ax – RU996 – Ch.155)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 43 of 397

Antenna 3b 6dB & 99% Bandwidth Measurements

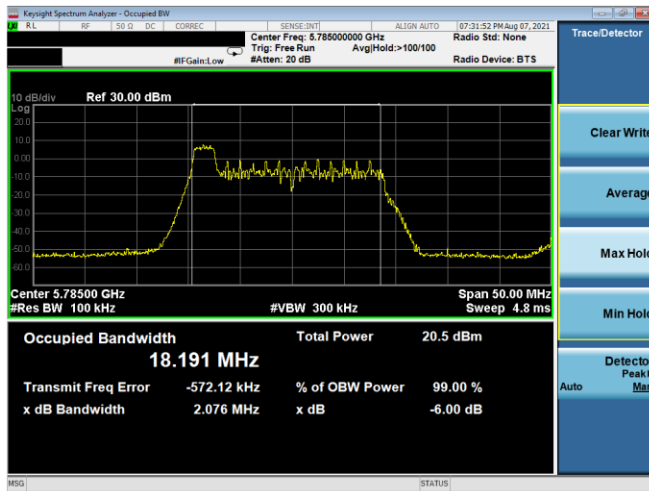
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	26	0	135/143.4 (MCS11)	18.12	2.16	0.50	Pass
				26	4	135/143.4 (MCS11)	17.17	2.72	0.50	Pass
				26	8	135/143.4 (MCS11)	18.36	2.12	0.50	Pass
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	18.19	2.08	0.50	Pass
				26	4	135/143.4 (MCS11)	17.22	2.69	0.50	Pass
				26	8	135/143.4 (MCS11)	18.38	2.13	0.50	Pass
	5825	165	ax (20MHz)	26	0	135/143.4 (MCS11)	18.10	2.13	0.50	Pass
				26	4	135/143.4 (MCS11)	17.23	2.73	0.50	Pass
				26	8	135/143.4 (MCS11)	18.41	2.11	0.50	Pass
	5755	151	ax (40MHz)	26	0	271/286.8 (MCS11)	17.96	2.17	0.50	Pass
				26	8	271/286.8 (MCS11)	19.26	2.15	0.50	Pass
				26	17	271/286.8 (MCS11)	18.04	2.16	0.50	Pass
	5795	159	ax (40MHz)	26	0	271/286.8 (MCS11)	17.88	2.17	0.50	Pass
				26	8	271/286.8 (MCS11)	19.23	2.16	0.50	Pass
				26	17	271/286.8 (MCS11)	18.04	2.16	0.50	Pass
	5775	155	ax (80MHz)	26	0	567/600.5 (MCS11)	17.84	2.23	0.50	Pass
				26	18	567/600.5 (MCS11)	36.81	2.80	0.50	Pass
				26	36	567/600.5 (MCS11)	18.21	2.25	0.50	Pass

Table 7-10. Conducted Bandwidth Measurements Antenna 3b (RU26)

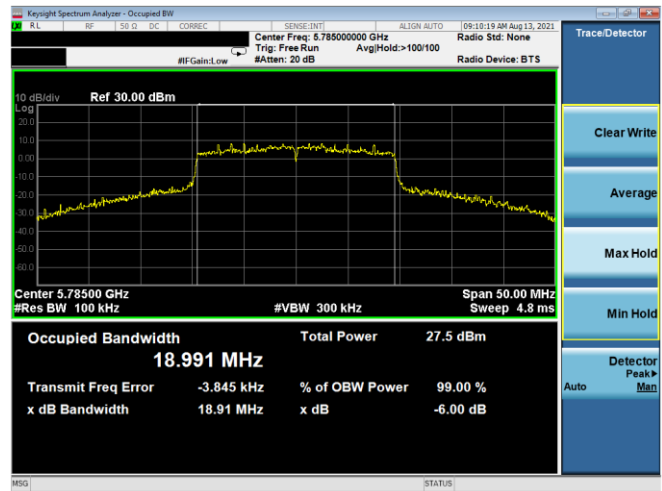
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	19.04	18.85	0.50	Pass
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	18.99	18.91	0.50	Pass
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	18.98	18.94	0.50	Pass
	5755	151	ax (40MHz)	484	65	271/286.8 (MCS11)	37.94	38.10	0.50	Pass
	5795	159	ax (40MHz)	484	65	271/286.8 (MCS11)	38.09	38.32	0.50	Pass
	5775	155	ax (80MHz)	996	67	567/600.5 (MCS11)	76.95	77.66	0.50	Pass

Table 7-11. Conducted Bandwidth Measurements Antenna 3b (Fully-loaded RU)

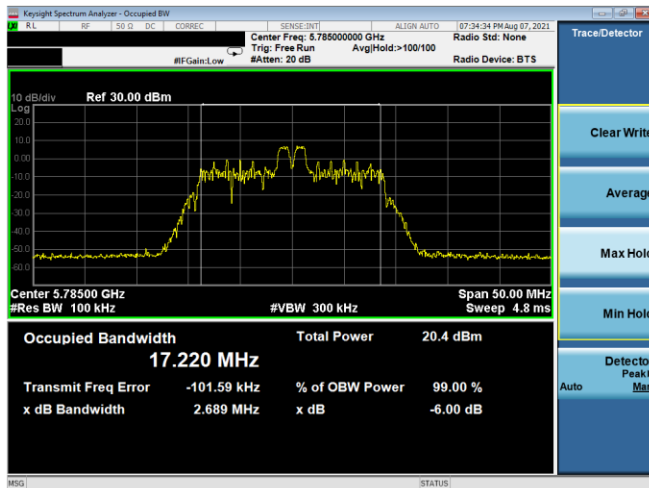
FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 44 of 397



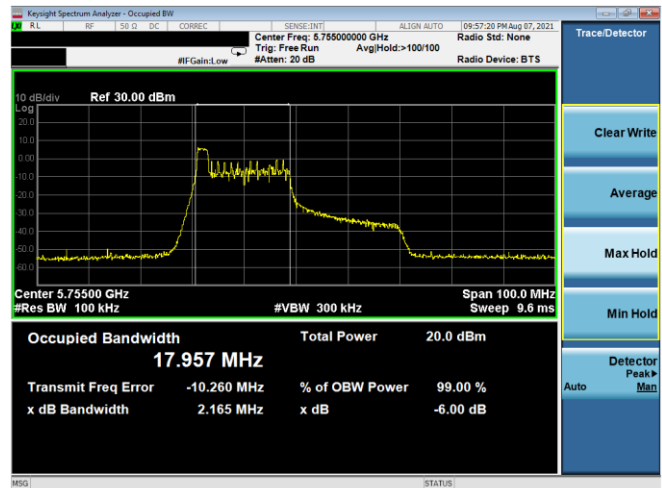
Plot 7-121. 6dB BW & 99% OBW Antenna 3b (20MHz BW 11ax Index 0 - RU26 - Ch.157)



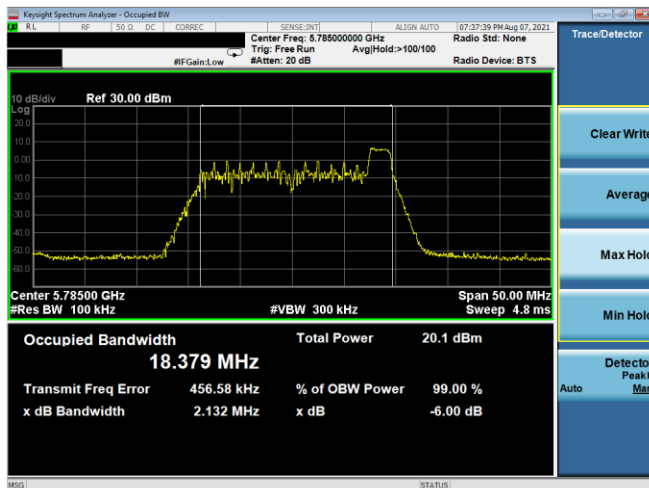
Plot 7-124. 6dB BW & 99% OBW Antenna 3b (20MHz BW 11ax- RU242 - Ch.157)



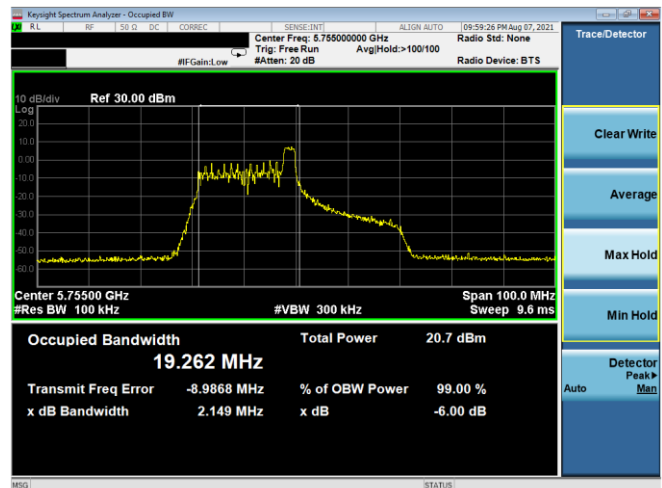
Plot 7-122. 6dB BW & 99% OBW Antenna 3b (20MHz BW 11ax Index 4 - RU26 - Ch.157)



Plot 7-125. 6dB BW & 99% OBW Antenna 3b (40MHz BW 11ax Index 0 - RU26 - Ch.151)

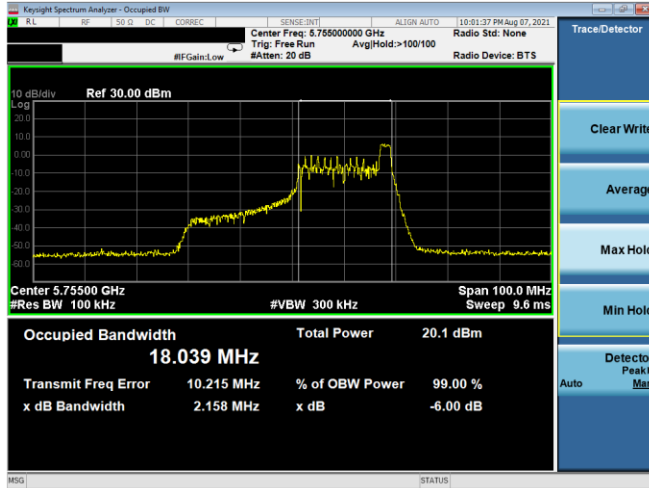


Plot 7-123. 6dB BW & 99% OBW Antenna 3b (20MHz BW 11ax Index 8 - RU26 - Ch.157)

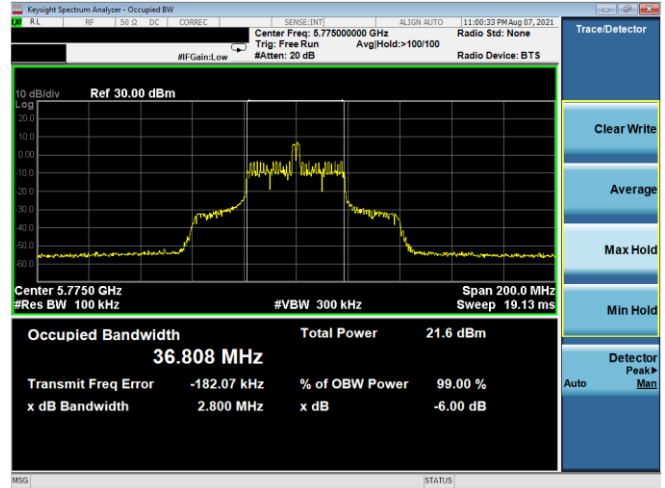


Plot 7-126. 6dB BW & 99% OBW Antenna 3b (40MHz BW 11ax Index 8 - RU26 - Ch.151)

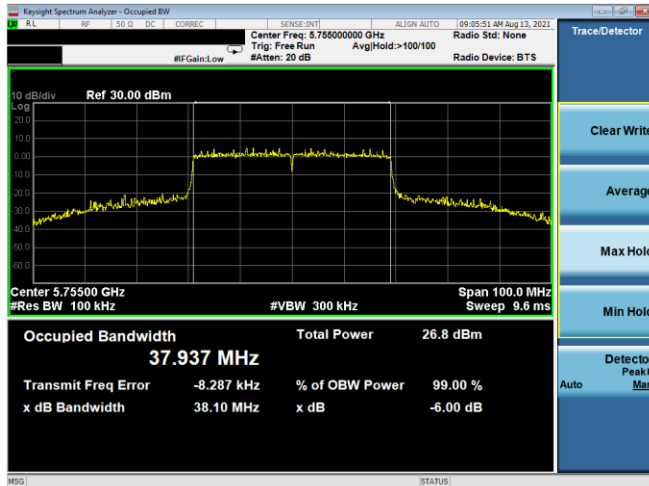
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 45 of 397



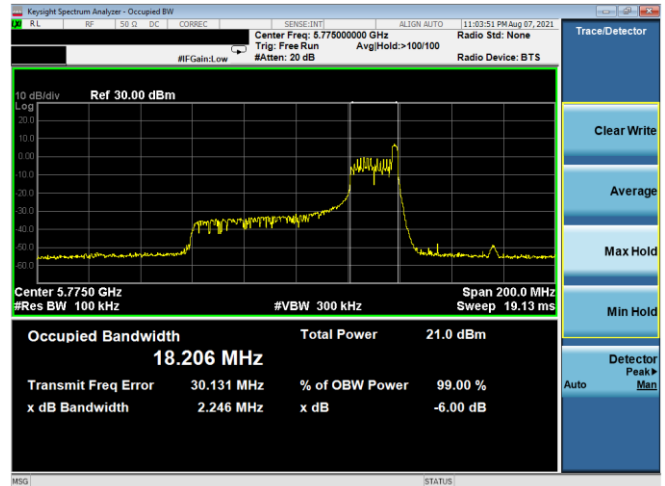
Plot 7-127. 6dB BW & 99% OBW Antenna 3b (40MHz BW 11ax Index 17 – RU26 – Ch.151)



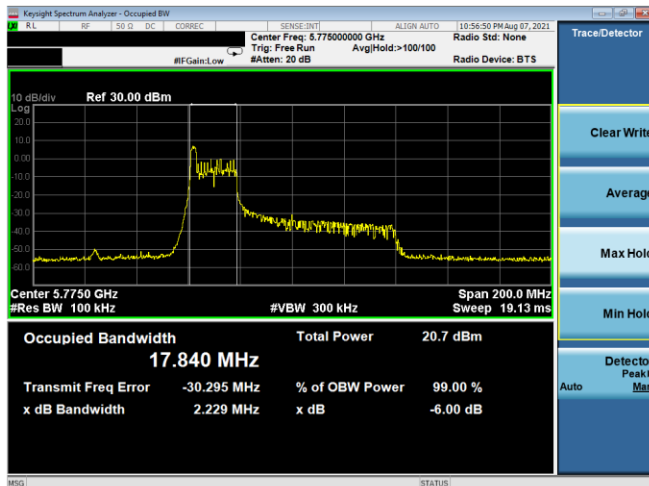
Plot 7-130. 6dB BW & 99% OBW Antenna 3b (80MHz BW 11ax Index 18 – RU26 – Ch.155)



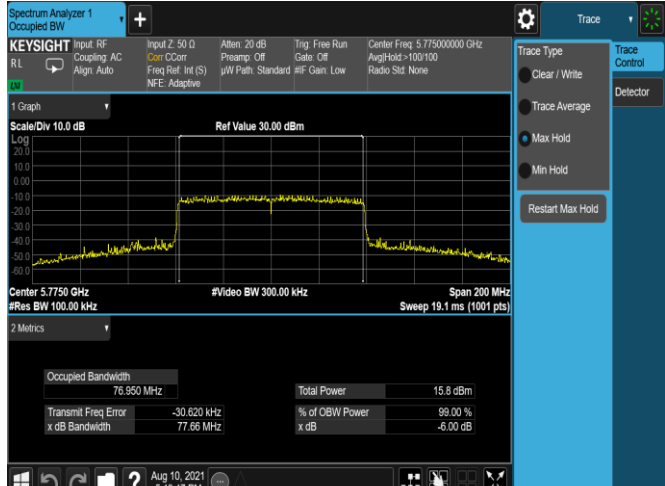
Plot 7-128. 6dB BW & 99% OBW Antenna 3b (40MHz BW 11ax – RU484 – Ch.151)



Plot 7-131. 6dB BW & 99% OBW Antenna 3b (80MHz BW 11ax Index 36 – RU26 – Ch.155)



Plot 7-129. 6dB BW & 99% OBW Antenna 3b (80MHz BW 11ax Index 0 – RU26 – Ch.155)



Plot 7-132. 6dB BW & 99% OBW Antenna 3b (80MHz BW 11ax – RU996 – Ch.155)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 46 of 397

Antenna 1b 6dB & 99% Bandwidth Measurements

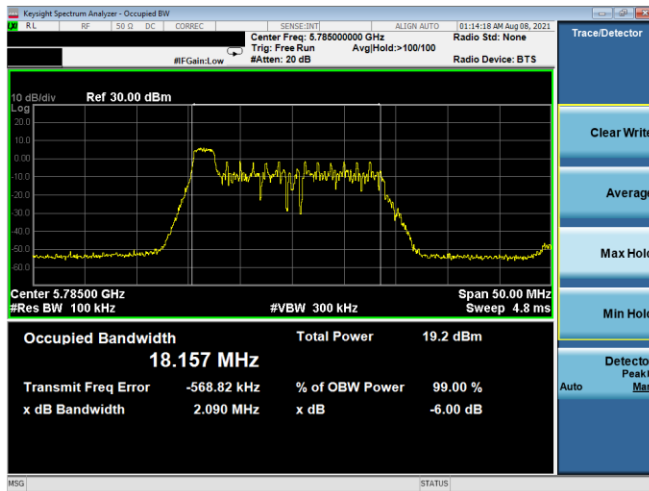
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	26	0	135/143.4 (MCS11)	18.20	2.07	0.50	Pass
				26	4	135/143.4 (MCS11)	17.24	2.69	0.50	Pass
				26	8	135/143.4 (MCS11)	18.26	2.07	0.50	Pass
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	18.16	2.09	0.50	Pass
				26	4	135/143.4 (MCS11)	17.29	2.73	0.50	Pass
				26	8	135/143.4 (MCS11)	18.39	2.08	0.50	Pass
	5825	165	ax (20MHz)	26	0	135/143.4 (MCS11)	17.98	2.10	0.50	Pass
				26	4	135/143.4 (MCS11)	17.23	2.68	0.50	Pass
				26	8	135/143.4 (MCS11)	18.39	2.08	0.50	Pass
	5755	151	ax (40MHz)	26	0	271/286.8 (MCS11)	18.05	2.19	0.50	Pass
				26	8	271/286.8 (MCS11)	19.31	2.17	0.50	Pass
				26	17	271/286.8 (MCS11)	18.11	2.16	0.50	Pass
	5795	159	ax (40MHz)	26	0	271/286.8 (MCS11)	17.85	2.15	0.50	Pass
				26	8	271/286.8 (MCS11)	19.20	2.18	0.50	Pass
				26	17	271/286.8 (MCS11)	18.05	2.16	0.50	Pass
	5775	155	ax (80MHz)	26	0	567/600.5 (MCS11)	17.99	2.24	0.50	Pass
				26	18	567/600.5 (MCS11)	36.74	2.88	0.50	Pass
				26	36	567/600.5 (MCS11)	18.26	2.25	0.50	Pass

Table 7-12. Conducted Bandwidth Measurements Antenna 1b (RU26)

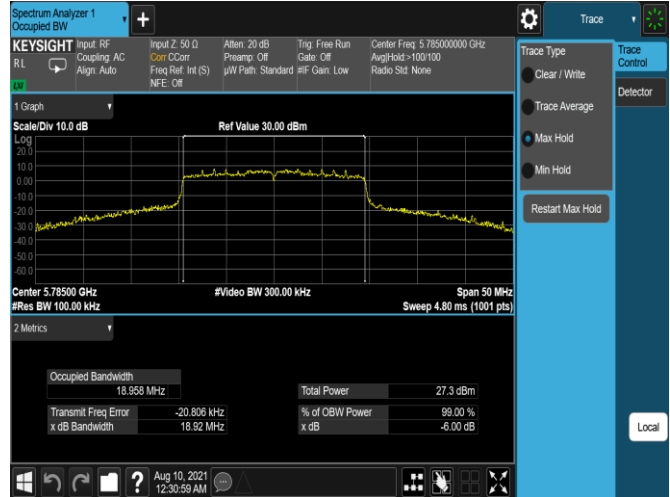
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	18.97	18.87	0.50	Pass
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	18.96	18.92	0.50	Pass
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	18.97	18.96	0.50	Pass
	5755	151	ax (40MHz)	484	65	271/286.8 (MCS11)	37.91	38.21	0.50	Pass
	5795	159	ax (40MHz)	484	65	271/286.8 (MCS11)	37.92	38.15	0.50	Pass
	5775	155	ax (80MHz)	996	67	567/600.5 (MCS11)	77.07	78.03	0.50	Pass

Table 7-13. Conducted Bandwidth Measurements Antenna 1b (Fully- loaded RU)

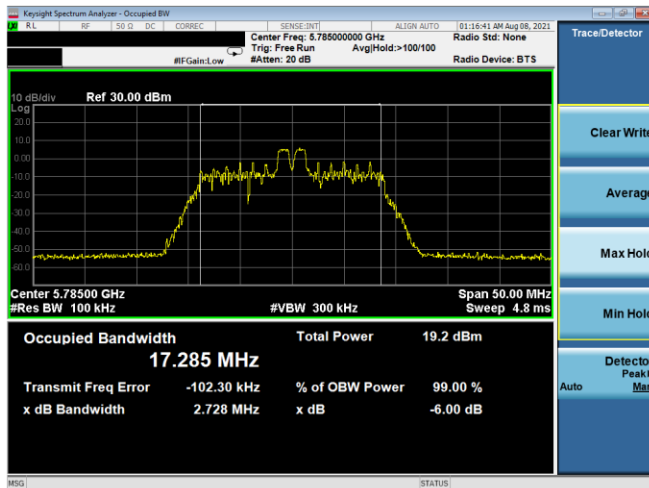
FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 47 of 397



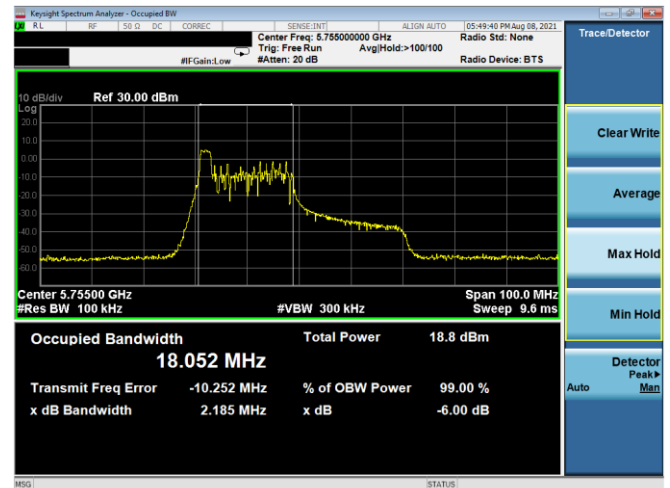
Plot 7-133. 6dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 0 - RU26 - Ch.157)



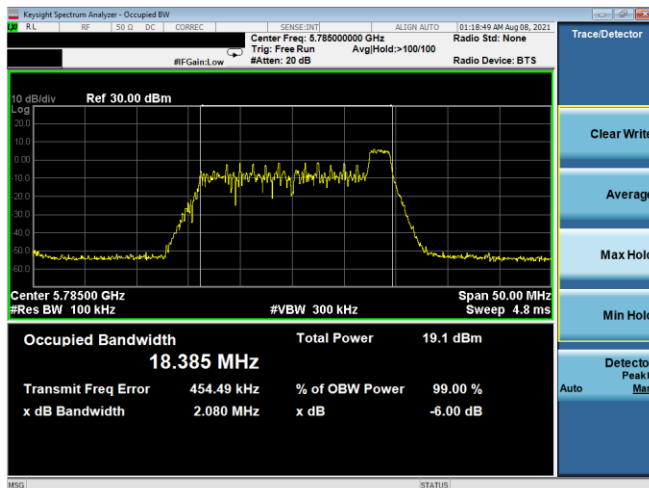
Plot 7-136. 6dB BW & 99% OBW Antenna 1b (20MHz BW 11ax - RU242 - Ch.157)



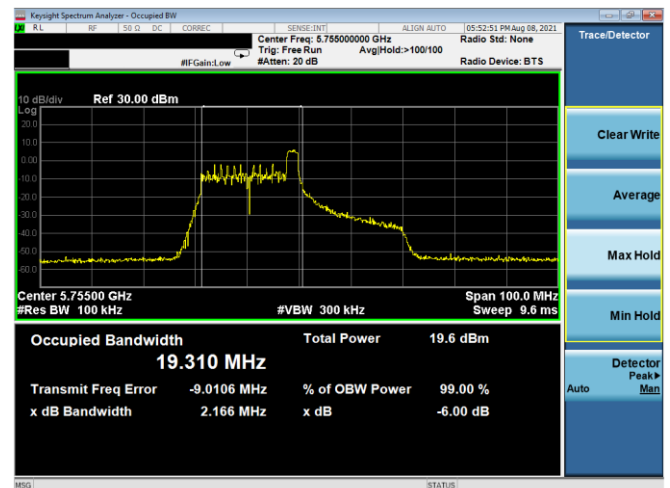
Plot 7-134. 6dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 4 - RU26 - Ch.157)



Plot 7-137. 6dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 0 - RU26 - Ch.151)

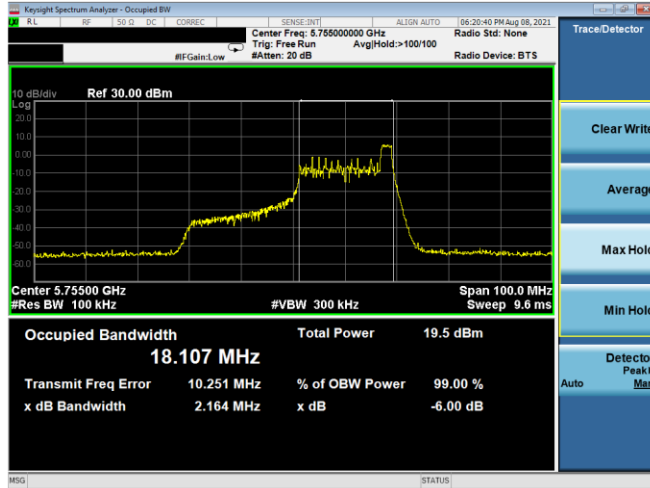


Plot 7-135. 6dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 8 - RU26 - Ch.157)

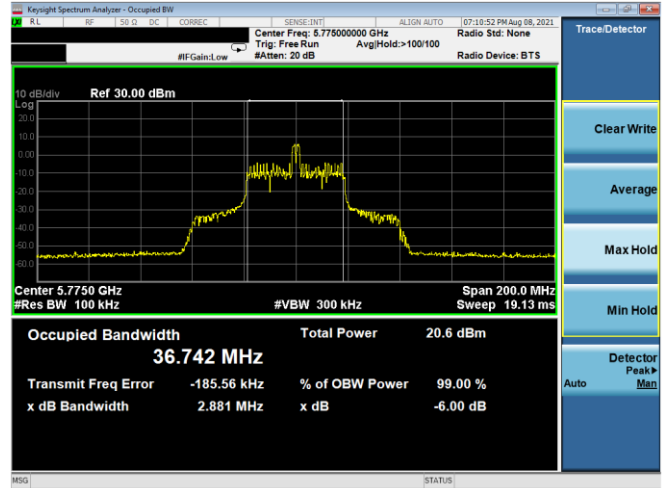


Plot 7-138. 6dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 8 - RU26 - Ch.151)

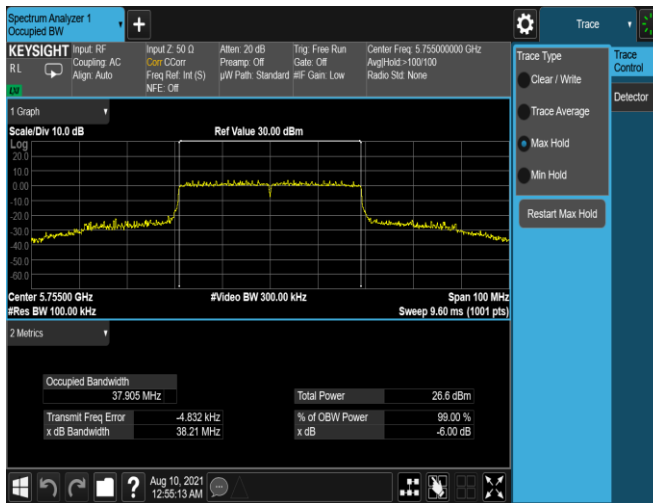
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 48 of 397



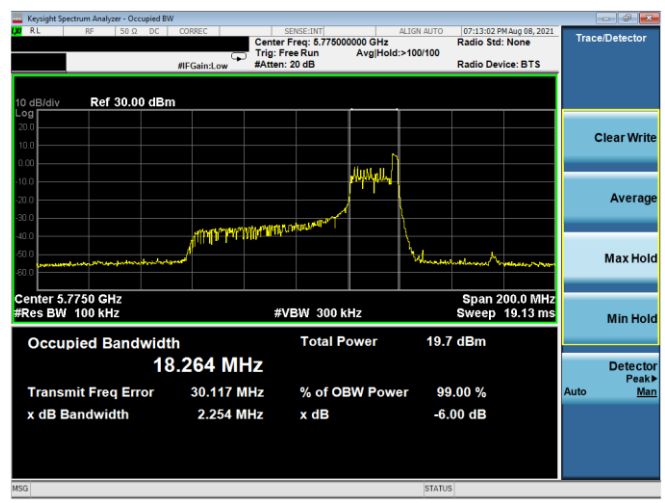
Plot 7-139. 6dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 17 – RU26 – Ch.151)



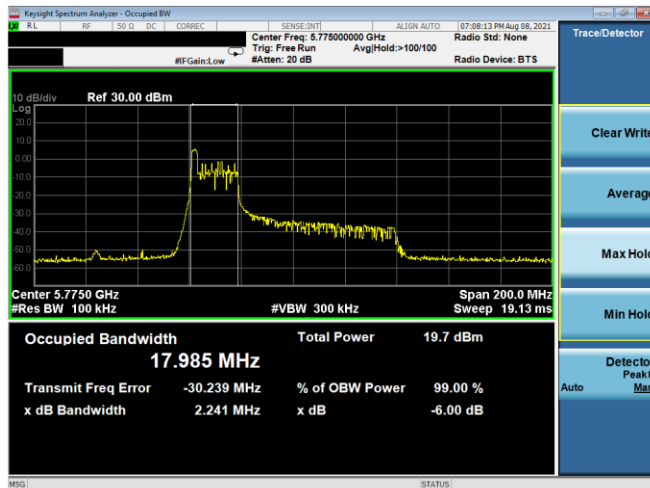
Plot 7-142. 6dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 18 – RU26 – Ch.155)



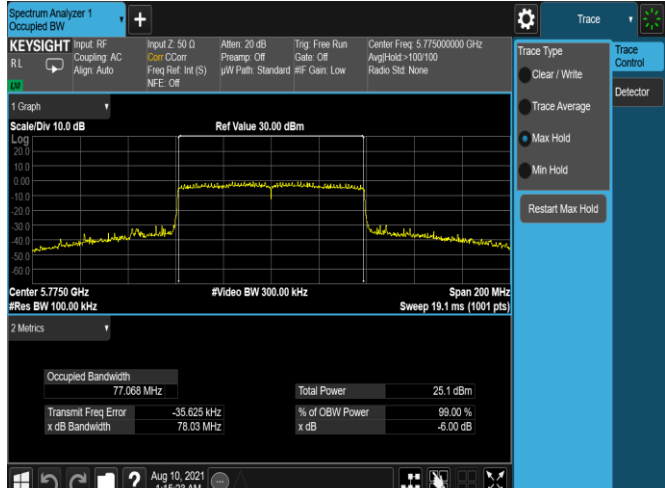
Plot 7-140. 6dB BW & 99% OBW Antenna 1b (40MHz BW 11ax – RU484 – Ch.151)



Plot 7-143. 6dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 36 – RU26 – Ch.155)



Plot 7-141. 6dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 0 – RU26 – Ch.155)



Plot 7-144. 6dB BW & 99% OBW Antenna 1b (80MHz BW 11ax – RU996 – Ch.155)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 49 of 397

7.4 Conducted Output Power and Max EIRP Measurement – 802.11ax OFDMA

§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 C63.10-2013 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 dBm + $10 \log_{10}(26 \text{ dB BW}) = 11 \text{ dBm} + 10 \log_{10}(18.18) = 23.60 \text{ dBm}$. 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 dBm + $10 \log_{10}(26 \text{ dB BW}) = 11 \text{ dBm} + 10 \log_{10}(18.28) = 23.62 \text{ dBm}$. 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 C63.10-2013 – Section 12.3.3.2 Method PM-G
KDB 789033 D02 v02r01 – Section E)3)b) Method PM-G
ANSI C63.10-2013 – Section 14.2 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.
2. All RU's were investigated and RU 26 and fully-loaded RU were reported.
3. Additionally, the highest power among partially-loaded RU's was reported.
4. The "-" shown in the following power tables are used to denote N/A.
5. For 802.11ax, the worst case data rate was found to be MCS11.

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 50 of 397

FCC Antenna 5T Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	26	0	135/143.4 (MCS11)	10.80	23.98	-13.18
			AVG	26	4	135/143.4 (MCS11)	11.49	23.98	-12.49
			AVG	26	8	135/143.4 (MCS11)	11.10	23.98	-12.88
	5200	40	AVG	26	0	135/143.4 (MCS11)	10.72	23.98	-13.26
			AVG	26	4	135/143.4 (MCS11)	11.50	23.98	-12.48
			AVG	26	8	135/143.4 (MCS11)	11.00	23.98	-12.98
	5240	48	AVG	26	0	135/143.4 (MCS11)	10.73	23.98	-13.25
			AVG	26	4	135/143.4 (MCS11)	11.50	23.98	-12.48
			AVG	26	8	135/143.4 (MCS11)	11.04	23.98	-12.94
	5260	52	AVG	26	0	135/143.4 (MCS11)	10.61	23.60	-12.99
			AVG	26	4	135/143.4 (MCS11)	11.24	23.60	-12.36
			AVG	26	8	135/143.4 (MCS11)	10.80	23.60	-12.80
	5300	60	AVG	26	0	135/143.4 (MCS11)	11.00	23.60	-12.60
			AVG	26	4	135/143.4 (MCS11)	11.50	23.60	-12.10
			AVG	26	8	135/143.4 (MCS11)	11.03	23.60	-12.57
	5320	64	AVG	26	0	135/143.4 (MCS11)	10.95	23.60	-12.65
			AVG	26	4	135/143.4 (MCS11)	11.42	23.60	-12.18
			AVG	26	8	135/143.4 (MCS11)	10.88	23.60	-12.72
	5500	100	AVG	26	0	135/143.4 (MCS11)	10.88	23.62	-12.74
			AVG	26	4	135/143.4 (MCS11)	11.45	23.62	-12.17
			AVG	26	8	135/143.4 (MCS11)	10.98	23.62	-12.64
	5580	116	AVG	26	0	135/143.4 (MCS11)	10.58	23.62	-13.04
			AVG	26	4	135/143.4 (MCS11)	11.34	23.62	-12.28
			AVG	26	8	135/143.4 (MCS11)	10.95	23.62	-12.67
	5720	144	AVG	26	0	135/143.4 (MCS11)	10.92	23.62	-12.70
			AVG	26	4	135/143.4 (MCS11)	11.42	23.62	-12.20
			AVG	26	8	135/143.4 (MCS11)	10.76	23.62	-12.86
	5745	149	AVG	26	0	135/143.4 (MCS11)	11.01	30.00	-18.99
			AVG	26	4	135/143.4 (MCS11)	11.45	30.00	-18.55
			AVG	26	8	135/143.4 (MCS11)	10.74	30.00	-19.26
	5785	157	AVG	26	0	135/143.4 (MCS11)	10.81	30.00	-19.19
			AVG	26	4	135/143.4 (MCS11)	11.26	30.00	-18.74
			AVG	26	8	135/143.4 (MCS11)	10.69	30.00	-19.31
	5825	165	AVG	26	0	135/143.4 (MCS11)	10.91	30.00	-19.09
			AVG	26	4	135/143.4 (MCS11)	11.50	30.00	-18.50
			AVG	26	8	135/143.4 (MCS11)	11.06	30.00	-18.94

Table 7-14. FCC Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 51 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	26	0	271/286.8 (MCS11)	10.33	23.98	-13.65
			AVG	26	8	271/286.8 (MCS11)	11.45	23.98	-12.53
			AVG	26	17	271/286.8 (MCS11)	10.75	23.98	-13.23
	5230	46	AVG	26	0	271/286.8 (MCS11)	10.34	23.98	-13.64
			AVG	26	8	271/286.8 (MCS11)	11.45	23.98	-12.53
			AVG	26	17	271/286.8 (MCS11)	10.88	23.98	-13.10
	5270	54	AVG	26	0	271/286.8 (MCS11)	10.40	23.60	-13.20
			AVG	26	8	271/286.8 (MCS11)	11.50	23.60	-12.10
			AVG	26	17	271/286.8 (MCS11)	11.07	23.60	-12.53
	5310	62	AVG	26	0	271/286.8 (MCS11)	10.68	23.60	-12.92
			AVG	26	8	271/286.8 (MCS11)	11.50	23.60	-12.10
			AVG	26	17	271/286.8 (MCS11)	11.00	23.60	-12.60
	5510	102	AVG	26	0	271/286.8 (MCS11)	10.62	23.62	-13.00
			AVG	26	8	271/286.8 (MCS11)	11.41	23.62	-12.21
			AVG	26	17	271/286.8 (MCS11)	11.00	23.62	-12.62
	5550	110	AVG	26	0	271/286.8 (MCS11)	10.30	23.62	-13.32
			AVG	26	8	271/286.8 (MCS11)	11.30	23.62	-12.32
			AVG	26	17	271/286.8 (MCS11)	10.50	23.62	-13.12
	5710	142	AVG	26	0	271/286.8 (MCS11)	10.50	23.62	-13.12
			AVG	26	8	271/286.8 (MCS11)	11.42	23.62	-12.20
			AVG	26	17	271/286.8 (MCS11)	10.88	23.62	-12.74
	5755	151	AVG	26	0	271/286.8 (MCS11)	10.76	30.00	-19.24
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50
			AVG	26	17	271/286.8 (MCS11)	11.00	30.00	-19.00
	5795	159	AVG	26	0	271/286.8 (MCS11)	10.64	30.00	-19.36
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50
			AVG	26	17	271/286.8 (MCS11)	10.73	30.00	-19.27

Table 7-15. FCC Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 52 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	26	0	567/600.5 (MCS11)	9.45	23.98	-14.53
			AVG	26	18	567/600.5 (MCS11)	10.39	23.98	-13.59
			AVG	26	36	567/600.5 (MCS11)	9.94	23.98	-14.04
	5290	58	AVG	26	0	567/600.5 (MCS11)	10.23	23.60	-13.37
			AVG	26	18	567/600.5 (MCS11)	10.71	23.60	-12.89
			AVG	26	36	567/600.5 (MCS11)	10.32	23.60	-13.28
	5530	106	AVG	26	0	567/600.5 (MCS11)	9.76	23.62	-13.86
			AVG	26	18	567/600.5 (MCS11)	10.00	23.62	-13.62
			AVG	26	36	567/600.5 (MCS11)	9.71	23.62	-13.91
	5610	122	AVG	26	0	567/600.5 (MCS11)	11.31	23.62	-12.31
			AVG	26	18	567/600.5 (MCS11)	11.50	23.62	-12.12
			AVG	26	36	567/600.5 (MCS11)	11.48	23.62	-12.14
	5690	138	AVG	26	0	567/600.5 (MCS11)	10.66	23.62	-12.96
			AVG	26	18	567/600.5 (MCS11)	11.50	23.62	-12.12
			AVG	26	36	567/600.5 (MCS11)	11.20	23.62	-12.42
	5775	155	AVG	26	0	567/600.5 (MCS11)	11.11	30.00	-18.89
			AVG	26	18	567/600.5 (MCS11)	11.50	30.00	-18.50
			AVG	26	36	567/600.5 (MCS11)	10.88	30.00	-19.12

Table 7-16. FCC Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 53 of 397

ISED Antenna 5T Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
			AVG	26	0	135/143.4 (MCS11)	6.20	-	-	2.70	8.90	22.66	-13.76
	5180	36	AVG	26	4	135/143.4 (MCS11)	6.95	-	-	2.70	9.65	22.66	-13.01
			AVG	26	8	135/143.4 (MCS11)	6.72	-	-	2.70	9.42	22.66	-13.24
	5200	40	AVG	26	0	135/143.4 (MCS11)	6.20	-	-	2.70	8.90	22.66	-13.76
			AVG	26	4	135/143.4 (MCS11)	6.96	-	-	2.70	9.66	22.66	-13.00
			AVG	26	8	135/143.4 (MCS11)	6.67	-	-	2.70	9.37	22.66	-13.29
	5240	48	AVG	26	0	135/143.4 (MCS11)	6.21	-	-	2.70	8.91	22.66	-13.75
			AVG	26	4	135/143.4 (MCS11)	6.93	-	-	2.70	9.63	22.66	-13.03
			AVG	26	8	135/143.4 (MCS11)	6.60	-	-	2.70	9.30	22.66	-13.36
	5260	52	AVG	26	0	135/143.4 (MCS11)	10.61	23.60	-12.99	3.70	14.31	29.60	-15.29
			AVG	26	4	135/143.4 (MCS11)	11.24	23.60	-12.36	3.70	14.94	29.60	-14.66
			AVG	26	8	135/143.4 (MCS11)	10.80	23.60	-12.80	3.70	14.50	29.60	-15.10
	5300	60	AVG	26	0	135/143.4 (MCS11)	11.00	23.60	-12.60	3.70	14.70	29.60	-14.90
			AVG	26	4	135/143.4 (MCS11)	11.50	23.60	-12.10	3.70	15.20	29.60	-14.40
			AVG	26	8	135/143.4 (MCS11)	11.03	23.60	-12.57	3.70	14.73	29.60	-14.87
	5320	64	AVG	26	0	135/143.4 (MCS11)	10.95	23.60	-12.65	3.70	14.65	29.60	-14.95
			AVG	26	4	135/143.4 (MCS11)	11.42	23.60	-12.18	3.70	15.12	29.60	-14.48
			AVG	26	8	135/143.4 (MCS11)	10.88	23.60	-12.72	3.70	14.58	29.60	-15.02
	5500	100	AVG	26	0	135/143.4 (MCS11)	10.88	23.62	-12.74	3.60	14.48	29.62	-15.14
			AVG	26	4	135/143.4 (MCS11)	11.45	23.62	-12.17	3.60	15.05	29.62	-14.57
			AVG	26	8	135/143.4 (MCS11)	10.98	23.62	-12.64	3.60	14.58	29.62	-15.04
	5580	116	AVG	26	0	135/143.4 (MCS11)	10.58	23.62	-13.04	3.60	14.18	29.62	-15.44
			AVG	26	4	135/143.4 (MCS11)	11.34	23.62	-12.28	3.60	14.94	29.62	-14.68
			AVG	26	8	135/143.4 (MCS11)	10.95	23.62	-12.67	3.60	14.55	29.62	-15.07
	5720	144	AVG	26	0	135/143.4 (MCS11)	10.92	23.62	-12.70	3.60	14.52	29.62	-15.10
			AVG	26	4	135/143.4 (MCS11)	11.42	23.62	-12.20	3.60	15.02	29.62	-14.60
			AVG	26	8	135/143.4 (MCS11)	10.76	23.62	-12.86	3.60	14.36	29.62	-15.26
	5745	149	AVG	26	0	135/143.4 (MCS11)	11.01	30.00	-18.99	3.60	14.61	-	-
			AVG	26	4	135/143.4 (MCS11)	11.45	30.00	-18.55	3.60	15.05	-	-
			AVG	26	8	135/143.4 (MCS11)	10.74	30.00	-19.26	3.60	14.34	-	-
	5785	157	AVG	26	0	135/143.4 (MCS11)	10.81	30.00	-19.19	3.60	14.41	-	-
			AVG	26	4	135/143.4 (MCS11)	11.26	30.00	-18.74	3.60	14.86	-	-
			AVG	26	8	135/143.4 (MCS11)	10.69	30.00	-19.31	3.60	14.29	-	-
	5825	165	AVG	26	0	135/143.4 (MCS11)	10.91	30.00	-19.09	3.60	14.51	-	-
			AVG	26	4	135/143.4 (MCS11)	11.50	30.00	-18.50	3.60	15.10	-	-
			AVG	26	8	135/143.4 (MCS11)	11.06	30.00	-18.94	3.60	14.66	-	-

Table 7-17. ISED Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 54 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	26	0	271/286.8 (MCS11)	5.71	-	-	2.70	8.41	22.66	-14.25
			AVG	26	8	271/286.8 (MCS11)	6.99	-	-	2.70	9.69	22.66	-12.97
			AVG	26	17	271/286.8 (MCS11)	6.26	-	-	2.70	8.96	22.66	-13.70
	5230	46	AVG	26	0	271/286.8 (MCS11)	5.74	-	-	2.70	8.44	22.66	-14.22
			AVG	26	8	271/286.8 (MCS11)	7.00	-	-	2.70	9.70	22.66	-12.96
			AVG	26	17	271/286.8 (MCS11)	6.30	-	-	2.70	9.00	22.66	-13.66
	5270	54	AVG	26	0	271/286.8 (MCS11)	10.40	23.60	-13.20	3.70	14.10	29.60	-15.50
			AVG	26	8	271/286.8 (MCS11)	11.50	23.60	-12.10	3.70	15.20	29.60	-14.40
			AVG	26	17	271/286.8 (MCS11)	11.07	23.60	-12.53	3.70	14.77	29.60	-14.83
	5310	62	AVG	26	0	271/286.8 (MCS11)	10.68	23.60	-12.92	3.70	14.38	29.60	-15.22
			AVG	26	8	271/286.8 (MCS11)	11.50	23.60	-12.10	3.70	15.20	29.60	-14.40
			AVG	26	17	271/286.8 (MCS11)	11.00	23.60	-12.60	3.70	14.70	29.60	-14.90
	5510	102	AVG	26	0	271/286.8 (MCS11)	10.62	23.62	-13.00	3.60	14.22	29.62	-15.40
			AVG	26	8	271/286.8 (MCS11)	11.41	23.62	-12.21	3.60	15.01	29.62	-14.61
			AVG	26	17	271/286.8 (MCS11)	11.00	23.62	-12.62	3.60	14.60	29.62	-15.02
	5550	110	AVG	26	0	271/286.8 (MCS11)	10.30	23.62	-13.32	3.60	13.90	29.62	-15.72
			AVG	26	8	271/286.8 (MCS11)	11.30	23.62	-12.32	3.60	14.90	29.62	-14.72
			AVG	26	17	271/286.8 (MCS11)	10.50	23.62	-13.12	3.60	14.10	29.62	-15.52
	5710	142	AVG	26	0	271/286.8 (MCS11)	10.50	23.62	-13.12	3.60	14.10	29.62	-15.52
			AVG	26	8	271/286.8 (MCS11)	11.42	23.62	-12.20	3.60	15.02	29.62	-14.60
			AVG	26	17	271/286.8 (MCS11)	10.88	23.62	-12.74	3.60	14.48	29.62	-15.14
	5755	151	AVG	26	0	271/286.8 (MCS11)	10.76	30.00	-19.24	3.60	14.36	-	-
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50	3.60	15.10	-	-
			AVG	26	17	271/286.8 (MCS11)	11.00	30.00	-19.00	3.60	14.60	-	-
	5795	159	AVG	26	0	271/286.8 (MCS11)	10.64	30.00	-19.36	3.60	14.24	-	-
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50	3.60	15.10	-	-
			AVG	26	17	271/286.8 (MCS11)	10.73	30.00	-19.27	3.60	14.33	-	-

Table 7-18. ISED Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	26	0	567/600.5 (MCS11)	5.97	-	-	2.70	8.67	22.66	-13.99
			AVG	26	18	567/600.5 (MCS11)	6.91	-	-	2.70	9.61	22.66	-13.05
			AVG	26	36	567/600.5 (MCS11)	6.40	-	-	2.70	9.10	22.66	-13.56
	5290	58	AVG	26	0	567/600.5 (MCS11)	10.23	23.60	-13.37	3.70	13.93	29.60	-15.67
			AVG	26	18	567/600.5 (MCS11)	10.71	23.60	-12.89	3.70	14.41	29.60	-15.19
			AVG	26	36	567/600.5 (MCS11)	10.32	23.60	-13.28	3.70	14.02	29.60	-15.58
	5530	106	AVG	26	0	567/600.5 (MCS11)	9.76	23.62	-13.86	3.60	13.36	29.62	-16.26
			AVG	26	18	567/600.5 (MCS11)	10.00	23.62	-13.62	3.60	13.60	29.62	-16.02
			AVG	26	36	567/600.5 (MCS11)	9.71	23.62	-13.91	3.60	13.31	29.62	-16.31
	5690	138	AVG	26	0	567/600.5 (MCS11)	10.66	23.62	-12.96	3.60	14.26	29.62	-15.36
			AVG	26	18	567/600.5 (MCS11)	11.50	23.62	-12.12	3.60	15.10	29.62	-14.52
			AVG	26	36	567/600.5 (MCS11)	11.20	23.62	-12.42	3.60	14.80	29.62	-14.82
	5775	155	AVG	26	0	567/600.5 (MCS11)	11.11	30.00	-18.89	3.60	14.71	-	-
			AVG	26	18	567/600.5 (MCS11)	11.50	30.00	-18.50	3.60	15.10	-	-
			AVG	26	36	567/600.5 (MCS11)	10.88	30.00	-19.12	3.60	14.48	-	-

Table 7-19. ISED Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 55 of 397

FCC Antenna 5T Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106	53	135/143.4 (MCS11)	15.04	23.98	-8.94
			AVG	106	54	135/143.4 (MCS11)	15.32	23.98	-8.66
	5200	40	AVG	106	53	135/143.4 (MCS11)	17.27	23.98	-6.71
			AVG	106	54	135/143.4 (MCS11)	17.50	23.98	-6.48
	5240	48	AVG	106	53	135/143.4 (MCS11)	17.13	23.98	-6.85
			AVG	106	54	135/143.4 (MCS11)	17.41	23.98	-6.57
	5260	52	AVG	106	53	135/143.4 (MCS11)	17.21	23.60	-6.39
			AVG	106	54	135/143.4 (MCS11)	17.42	23.60	-6.18
	5300	60	AVG	106	53	135/143.4 (MCS11)	17.42	23.60	-6.18
			AVG	106	54	135/143.4 (MCS11)	17.50	23.60	-6.10
	5320	64	AVG	106	53	135/143.4 (MCS11)	15.87	23.60	-7.73
			AVG	106	54	135/143.4 (MCS11)	15.95	23.60	-7.65
	5500	100	AVG	106	53	135/143.4 (MCS11)	14.30	23.62	-9.32
			AVG	106	54	135/143.4 (MCS11)	14.35	23.62	-9.27
	5520	104	AVG	106	53	135/143.4 (MCS11)	17.50	23.62	-6.12
			AVG	106	54	135/143.4 (MCS11)	17.46	23.62	-6.16
	5580	116	AVG	106	53	135/143.4 (MCS11)	17.26	23.62	-6.36
			AVG	106	54	135/143.4 (MCS11)	17.49	23.62	-6.13
	5680	136	AVG	106	53	135/143.4 (MCS11)	17.15	23.62	-6.47
			AVG	106	54	135/143.4 (MCS11)	17.37	23.62	-6.25
	5700	140	AVG	106	53	135/143.4 (MCS11)	12.13	23.62	-11.49
			AVG	106	54	135/143.4 (MCS11)	12.34	23.62	-11.28
	5720	144	AVG	106	53	135/143.4 (MCS11)	17.46	23.62	-6.16
			AVG	106	54	135/143.4 (MCS11)	17.47	23.62	-6.15
	5745	149	AVG	106	53	135/143.4 (MCS11)	17.38	30.00	-12.62
			AVG	106	54	135/143.4 (MCS11)	17.40	30.00	-12.60
	5785	157	AVG	106	53	135/143.4 (MCS11)	17.46	30.00	-12.54
			AVG	106	54	135/143.4 (MCS11)	17.24	30.00	-12.76
	5825	165	AVG	106	53	135/143.4 (MCS11)	17.44	30.00	-12.56
			AVG	106	54	135/143.4 (MCS11)	17.42	30.00	-12.58

Table 7-20. FCC Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 56 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	242	61	271/286.8 (MCS11)	12.03	23.98	-11.95
			AVG	242	62	271/286.8 (MCS11)	12.26	23.98	-11.72
	5230	46	AVG	242	61	271/286.8 (MCS11)	18.05	23.98	-5.93
			AVG	242	62	271/286.8 (MCS11)	18.30	23.98	-5.68
	5270	54	AVG	242	61	271/286.8 (MCS11)	17.57	23.60	-6.03
			AVG	242	62	271/286.8 (MCS11)	17.81	23.60	-5.79
	5310	62	AVG	242	61	271/286.8 (MCS11)	11.78	23.60	-11.82
			AVG	242	62	271/286.8 (MCS11)	11.96	23.60	-11.64
	5510	102	AVG	242	61	271/286.8 (MCS11)	12.35	23.62	-11.27
			AVG	242	62	271/286.8 (MCS11)	12.44	23.62	-11.18
	5550	110	AVG	242	61	271/286.8 (MCS11)	18.00	23.62	-5.62
			AVG	242	62	271/286.8 (MCS11)	17.96	23.62	-5.66
	5590	118	AVG	242	61	271/286.8 (MCS11)	19.28	23.62	-4.34
			AVG	242	62	271/286.8 (MCS11)	19.26	23.62	-4.36
	5630	126	AVG	242	61	271/286.8 (MCS11)	19.29	23.62	-4.33
			AVG	242	62	271/286.8 (MCS11)	19.42	23.62	-4.20
	5670	134	AVG	242	61	271/286.8 (MCS11)	13.80	23.62	-9.82
			AVG	242	62	271/286.8 (MCS11)	13.85	23.62	-9.77
	5710	142	AVG	106	53	271/286.8 (MCS11)	16.89	23.62	-6.73
			AVG	106	54	271/286.8 (MCS11)	17.50	23.62	-6.12
			AVG	106	56	271/286.8 (MCS11)	17.05	23.62	-6.57
	5755	151	AVG	242	61	271/286.8 (MCS11)	19.21	30.00	-10.79
			AVG	242	62	271/286.8 (MCS11)	19.44	30.00	-10.56
	5795	159	AVG	242	61	271/286.8 (MCS11)	19.32	30.00	-10.68
			AVG	242	62	271/286.8 (MCS11)	19.37	30.00	-10.63

Table 7-21. FCC Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	484	65	567/600.5 (MCS11)	12.21	23.98	-11.77
			AVG	484	66	567/600.5 (MCS11)	12.34	23.98	-11.64
	5290	58	AVG	242	61	567/600.5 (MCS11)	11.93	23.60	-11.67
			AVG	242	62	567/600.5 (MCS11)	12.38	23.60	-11.22
			AVG	242	64	567/600.5 (MCS11)	12.00	23.60	-11.60
	5530	106	AVG	484	65	567/600.5 (MCS11)	11.87	23.62	-11.75
			AVG	484	66	567/600.5 (MCS11)	12.00	23.62	-11.62
	5610	122	AVG	484	65	567/600.5 (MCS11)	15.36	23.62	-8.26
			AVG	484	66	567/600.5 (MCS11)	15.45	23.62	-8.17
			AVG	106	53	567/600.5 (MCS11)	16.75	23.62	-6.87
	5690	138	AVG	106	56	567/600.5 (MCS11)	17.45	23.62	-6.17
			AVG	106	60	567/600.5 (MCS11)	17.03	23.62	-6.59
	5775	155	AVG	484	65	567/600.5 (MCS11)	17.34	30.00	-12.66
			AVG	484	66	567/600.5 (MCS11)	17.50	30.00	-12.50

Table 7-22. FCC Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 57 of 397

ISED Antenna 5T Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106	53	135/143.4 (MCS11)	12.67	-	-	2.70	15.37	22.66	-7.29
			AVG	106	54	135/143.4 (MCS11)	12.87	-	-	2.70	15.57	22.66	-7.09
	5200	40	AVG	106	53	135/143.4 (MCS11)	12.58	-	-	2.70	15.28	22.66	-7.38
			AVG	106	54	135/143.4 (MCS11)	12.91	-	-	2.70	15.61	22.66	-7.05
	5240	48	AVG	106	53	135/143.4 (MCS11)	12.66	-	-	2.70	15.36	22.66	-7.30
			AVG	106	54	135/143.4 (MCS11)	12.93	-	-	2.70	15.63	22.66	-7.03
	5260	52	AVG	106	53	135/143.4 (MCS11)	17.21	23.60	-6.39	3.70	20.91	29.60	-8.69
			AVG	106	54	135/143.4 (MCS11)	17.42	23.60	-6.18	3.70	21.12	29.60	-8.48
	5300	60	AVG	106	53	135/143.4 (MCS11)	17.42	23.60	-6.18	3.70	21.12	29.60	-8.48
			AVG	106	54	135/143.4 (MCS11)	17.50	23.60	-6.10	3.70	21.20	29.60	-8.40
	5320	64	AVG	106	53	135/143.4 (MCS11)	15.87	23.60	-7.73	3.70	19.57	29.60	-10.03
			AVG	106	54	135/143.4 (MCS11)	15.95	23.60	-7.65	3.70	19.65	29.60	-9.95
	5500	100	AVG	106	53	135/143.4 (MCS11)	14.30	23.62	-9.32	3.60	17.90	29.62	-11.72
			AVG	106	54	135/143.4 (MCS11)	14.35	23.62	-9.27	3.60	17.95	29.62	-11.67
	5520	104	AVG	106	53	135/143.4 (MCS11)	17.50	23.62	-6.12	3.60	21.10	29.62	-8.52
			AVG	106	54	135/143.4 (MCS11)	17.46	23.62	-6.16	3.60	21.06	29.62	-8.56
	5580	116	AVG	106	53	135/143.4 (MCS11)	17.26	23.62	-6.36	3.60	20.86	29.62	-8.76
			AVG	106	54	135/143.4 (MCS11)	17.49	23.62	-6.13	3.60	21.09	29.62	-8.53
	5680	136	AVG	106	53	135/143.4 (MCS11)	17.15	23.62	-6.47	3.60	20.75	29.62	-8.87
			AVG	106	54	135/143.4 (MCS11)	17.37	23.62	-6.25	3.60	20.97	29.62	-8.65
	5700	140	AVG	106	53	135/143.4 (MCS11)	12.13	23.62	-11.49	3.60	15.73	29.62	-13.89
			AVG	106	54	135/143.4 (MCS11)	12.34	23.62	-11.28	3.60	15.94	29.62	-13.68
	5720	144	AVG	106	53	135/143.4 (MCS11)	17.46	23.62	-6.16	3.60	21.06	29.62	-8.56
			AVG	106	54	135/143.4 (MCS11)	17.47	23.62	-6.15	3.60	21.07	29.62	-8.55
	5745	149	AVG	106	53	135/143.4 (MCS11)	17.38	30.00	-12.62	3.60	20.98	-	-
			AVG	106	54	135/143.4 (MCS11)	17.40	30.00	-12.60	3.60	21.00	-	-
	5785	157	AVG	106	53	135/143.4 (MCS11)	17.46	30.00	-12.54	3.60	21.06	-	-
			AVG	106	54	135/143.4 (MCS11)	17.24	30.00	-12.76	3.60	20.84	-	-
	5825	165	AVG	106	53	135/143.4 (MCS11)	17.44	30.00	-12.56	3.60	21.04	-	-
			AVG	106	54	135/143.4 (MCS11)	17.42	30.00	-12.58	3.60	21.02	-	-

Table 7-23. ISED Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	242	61	271/286.8 (MCS11)	12.43	-	-	2.70	15.13	22.66	-7.53
			AVG	242	62	271/286.8 (MCS11)	12.31	-	-	2.70	15.01	22.66	-7.65
	5230	46	AVG	242	61	271/286.8 (MCS11)	15.14	-	-	2.70	17.84	22.66	-4.82
			AVG	242	62	271/286.8 (MCS11)	15.22	-	-	2.70	17.92	22.66	-4.74
	5270	54	AVG	242	61	271/286.8 (MCS11)	17.57	23.60	-6.03	3.70	21.27	29.60	-8.33
			AVG	242	62	271/286.8 (MCS11)	17.81	23.60	-5.79	3.70	21.51	29.60	-8.09
	5310	62	AVG	242	61	271/286.8 (MCS11)	11.78	23.60	-11.82	3.70	15.48	29.60	-14.12
			AVG	242	62	271/286.8 (MCS11)	11.96	23.60	-11.64	3.70	15.66	29.60	-13.94
	5510	102	AVG	242	61	271/286.8 (MCS11)	12.35	23.62	-11.27	3.60	15.95	29.62	-13.67
			AVG	242	62	271/286.8 (MCS11)	12.44	23.62	-11.18	3.60	16.04	29.62	-13.58
	5550	110	AVG	242	61	271/286.8 (MCS11)	18.00	23.62	-5.62	3.60	21.60	29.62	-8.02
			AVG	242	62	271/286.8 (MCS11)	17.96	23.62	-5.66	3.60	21.56	29.62	-8.06
	5670	134	AVG	242	61	271/286.8 (MCS11)	13.80	23.62	-9.82	3.60	17.40	29.62	-12.22
			AVG	242	62	271/286.8 (MCS11)	13.85	23.62	-9.77	3.60	17.45	29.62	-12.17
	5710	142	AVG	106	53	271/286.8 (MCS11)	16.89	23.62	-6.73	3.60	20.49	29.62	-9.13
			AVG	106	54	271/286.8 (MCS11)	17.50	23.62	-6.12	3.60	21.10	29.62	-8.52
	5755	151	AVG	106	56	271/286.8 (MCS11)	17.05	23.62	-6.57	3.60	20.65	29.62	-8.97
			AVG	242	61	271/286.8 (MCS11)	19.21	30.00	-10.79	3.60	22.81	-	-
	5795	159	AVG	242	62	271/286.8 (MCS11)	19.44	30.00	-10.56	3.60	23.04	-	-
			AVG	242	61	271/286.8 (MCS11)	19.32	30.00	-10.68	3.60	22.92	-	-
			AVG	242	62	271/286.8 (MCS11)	19.37	30.00	-10.63	3.60	22.97	-	-

Table 7-24. ISED Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 58 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	484	65	567/600.5 (MCS11)	12.22	-	-	2.70	14.92	22.66	-7.74
			AVG	484	66	567/600.5 (MCS11)	12.42	-	-	2.70	15.12	22.66	-7.54
	5290	58	AVG	242	61	567/600.5 (MCS11)	11.93	23.60	-11.67	3.70	15.63	29.60	-13.97
			AVG	242	62	567/600.5 (MCS11)	12.38	23.60	-11.22	3.70	16.08	29.60	-13.52
			AVG	242	64	567/600.5 (MCS11)	12.00	23.60	-11.60	3.70	15.70	29.60	-13.90
			AVG	484	65	567/600.5 (MCS11)	11.87	23.62	-11.75	3.60	15.47	29.62	-14.15
	5530	106	AVG	484	66	567/600.5 (MCS11)	12.00	23.62	-11.62	3.60	15.60	29.62	-14.02
			AVG	106	53	567/600.5 (MCS11)	16.75	23.62	-6.87	3.60	20.35	29.62	-9.27
	5690	138	AVG	106	56	567/600.5 (MCS11)	17.45	23.62	-6.17	3.60	21.05	29.62	-8.57
			AVG	106	60	567/600.5 (MCS11)	17.03	23.62	-6.59	3.60	20.63	29.62	-8.99
			AVG	484	65	567/600.5 (MCS11)	17.34	30.00	-12.66	3.60	20.94	-	-
	5775	155	AVG	484	66	567/600.5 (MCS11)	17.50	30.00	-12.50	3.60	21.10	-	-
			AVG	484	66	567/600.5 (MCS11)	17.50	30.00	-12.50	3.60	21.10	-	-

Table 7-25. ISED Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 59 of 397

FCC Antenna 5T Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	242	61	135/143.4 (MCS11)	15.22	23.98	-8.76
	5200	40	AVG	242	61	135/143.4 (MCS11)	19.55	23.98	-4.43
	5240	48	AVG	242	61	135/143.4 (MCS11)	19.70	23.98	-4.28
	5260	52	AVG	242	61	135/143.4 (MCS11)	19.64	23.60	-3.96
	5300	60	AVG	242	61	135/143.4 (MCS11)	19.66	23.60	-3.94
	5320	64	AVG	242	61	135/143.4 (MCS11)	15.87	23.60	-7.73
	5500	100	AVG	242	61	135/143.4 (MCS11)	14.43	23.62	-9.19
	5520	104	AVG	242	61	135/143.4 (MCS11)	18.82	23.62	-4.80
	5540	108	AVG	242	61	135/143.4 (MCS11)	19.64	23.62	-3.98
	5580	116	AVG	242	61	135/143.4 (MCS11)	19.60	23.62	-4.02
	5660	132	AVG	242	61	135/143.4 (MCS11)	19.59	23.62	-4.03
	5680	136	AVG	242	61	135/143.4 (MCS11)	18.30	23.62	-5.32
	5700	140	AVG	242	61	135/143.4 (MCS11)	12.39	23.62	-11.23
	5720	144	AVG	242	61	135/143.4 (MCS11)	19.73	23.62	-3.89
	5745	149	AVG	242	61	135/143.4 (MCS11)	20.30	30.00	-9.70
	5785	157	AVG	242	61	135/143.4 (MCS11)	20.36	30.00	-9.64
	5825	165	AVG	242	61	135/143.4 (MCS11)	20.24	30.00	-9.76

Table 7-26. FCC Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	484	65	271/286.8 (MCS11)	12.50	23.98	-11.48
	5230	46	AVG	484	65	271/286.8 (MCS11)	18.48	23.98	-5.50
	5270	54	AVG	484	65	271/286.8 (MCS11)	17.98	23.60	-5.62
	5310	62	AVG	484	65	271/286.8 (MCS11)	11.95	23.60	-11.65
	5510	102	AVG	484	65	271/286.8 (MCS11)	12.50	23.62	-11.12
	5550	110	AVG	484	65	271/286.8 (MCS11)	17.86	23.62	-5.76
	5590	118	AVG	484	65	271/286.8 (MCS11)	19.44	23.62	-4.18
	5630	126	AVG	484	65	271/286.8 (MCS11)	19.21	23.62	-4.41
	5670	134	AVG	484	65	271/286.8 (MCS11)	13.82	23.62	-9.80
	5710	142	AVG	484	65	271/286.8 (MCS11)	20.50	23.62	-3.12
	5755	151	AVG	484	65	271/286.8 (MCS11)	19.50	30.00	-10.50
	5795	159	AVG	484	65	271/286.8 (MCS11)	19.50	30.00	-10.50

Table 7-27. FCC Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	996	67	567/600.5 (MCS11)	12.31	23.98	-11.67
	5290	58	AVG	996	67	567/600.5 (MCS11)	12.44	23.60	-11.16
	5530	106	AVG	996	67	567/600.5 (MCS11)	11.73	23.62	-11.89
	5610	122	AVG	996	67	567/600.5 (MCS11)	15.45	23.62	-8.17
	5690	138	AVG	996	67	567/600.5 (MCS11)	20.35	23.62	-3.27
	5775	155	AVG	996	67	567/600.5 (MCS11)	17.44	30.00	-12.56

Table 7-28. FCC Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device		Page 60 of 397

ISED Antenna 5T Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	242	61	135/143.4 (MCS11)	15.22	-	-	2.70	17.92	22.66	-4.74
	5200	40	AVG	242	61	135/143.4 (MCS11)	15.25	-	-	2.70	17.95	22.66	-4.71
	5240	48	AVG	242	61	135/143.4 (MCS11)	15.25	-	-	2.70	17.95	22.66	-4.71
	5260	52	AVG	242	61	135/143.4 (MCS11)	19.64	23.60	-3.96	3.70	23.34	29.60	-6.26
	5300	60	AVG	242	61	135/143.4 (MCS11)	19.66	23.60	-3.94	3.70	23.36	29.60	-6.24
	5320	64	AVG	242	61	135/143.4 (MCS11)	15.87	23.60	-7.73	3.70	19.57	29.60	-10.03
	5500	100	AVG	242	61	135/143.4 (MCS11)	14.43	23.62	-9.19	3.60	18.03	29.62	-11.59
	5520	104	AVG	242	61	135/143.4 (MCS11)	18.82	23.62	-4.80	3.60	22.42	29.62	-7.20
	5540	108	AVG	242	61	135/143.4 (MCS11)	19.64	23.62	-3.98	3.60	23.24	29.62	-6.38
	5580	116	AVG	242	61	135/143.4 (MCS11)	19.60	23.62	-4.02	3.60	23.20	29.62	-6.42
	5660	132	AVG	242	61	135/143.4 (MCS11)	19.59	23.62	-4.03	3.60	23.19	29.62	-6.43
	5680	136	AVG	242	61	135/143.4 (MCS11)	18.30	23.62	-5.32	3.60	21.90	29.62	-7.72
	5700	140	AVG	242	61	135/143.4 (MCS11)	12.39	23.62	-11.23	3.60	15.99	29.62	-13.63
	5720	144	AVG	242	61	135/143.4 (MCS11)	19.73	23.62	-3.89	3.60	23.33	29.62	-6.29
	5745	149	AVG	242	61	135/143.4 (MCS11)	20.30	30.00	-9.70	3.60	23.90	-	-
	5785	157	AVG	242	61	135/143.4 (MCS11)	20.36	30.00	-9.64	3.60	23.96	-	-
	5825	165	AVG	242	61	135/143.4 (MCS11)	20.24	30.00	-9.76	3.60	23.84	-	-

Table 7-29. ISED Antenna 5T 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	484	65	271/286.8 (MCS11)	12.35	-	-	2.70	15.05	22.66	-7.61
	5230	46	AVG	484	65	271/286.8 (MCS11)	17.96	-	-	2.70	20.66	22.66	-2.00
	5270	54	AVG	484	65	271/286.8 (MCS11)	17.98	23.60	-5.62	3.70	21.68	29.60	-7.92
	5310	62	AVG	484	65	271/286.8 (MCS11)	11.95	23.60	-11.65	3.70	15.65	29.60	-13.95
	5510	102	AVG	484	65	271/286.8 (MCS11)	12.50	23.62	-11.12	3.60	16.10	29.62	-13.52
	5550	110	AVG	484	65	271/286.8 (MCS11)	17.86	23.62	-5.76	3.60	21.46	29.62	-8.16
	5670	134	AVG	484	65	271/286.8 (MCS11)	13.82	23.62	-9.80	3.60	17.42	29.62	-12.20
	5710	142	AVG	484	65	271/286.8 (MCS11)	20.50	23.62	-3.12	3.60	24.10	29.62	-5.52
	5755	151	AVG	484	65	271/286.8 (MCS11)	19.50	30.00	-10.50	3.60	23.10	-	-
	5795	159	AVG	484	65	271/286.8 (MCS11)	19.50	30.00	-10.50	3.60	23.10	-	-

Table 7-30. ISED Antenna 5T 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	996	67	567/600.5 (MCS11)	12.27	-	-	2.70	14.97	22.66	-7.69
	5290	58	AVG	996	67	567/600.5 (MCS11)	12.44	23.60	-11.16	3.70	16.14	29.60	-13.46
	5530	106	AVG	996	67	567/600.5 (MCS11)	11.73	23.62	-11.89	3.60	15.33	29.62	-14.29
	5690	138	AVG	996	67	567/600.5 (MCS11)	20.35	23.62	-3.27	3.60	23.95	29.62	-5.67
	5775	155	AVG	996	67	567/600.5 (MCS11)	17.44	30.00	-12.56	3.60	21.04	-	-

Table 7-31. ISED Antenna 5T 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 61 of 397

FCC Antenna 3b Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	26	0	135/143.4 (MCS11)	10.76	23.98	-13.22
			AVG	26	4	135/143.4 (MCS11)	11.48	23.98	-12.50
			AVG	26	8	135/143.4 (MCS11)	11.10	23.98	-12.88
	5200	40	AVG	26	0	135/143.4 (MCS11)	10.85	23.98	-13.13
			AVG	26	4	135/143.4 (MCS11)	11.50	23.98	-12.48
			AVG	26	8	135/143.4 (MCS11)	11.01	23.98	-12.97
	5240	48	AVG	26	0	135/143.4 (MCS11)	10.84	23.98	-13.14
			AVG	26	4	135/143.4 (MCS11)	11.50	23.98	-12.48
			AVG	26	8	135/143.4 (MCS11)	11.00	23.98	-12.98
	5260	52	AVG	26	0	135/143.4 (MCS11)	11.02	23.60	-12.58
			AVG	26	4	135/143.4 (MCS11)	11.50	23.60	-12.10
			AVG	26	8	135/143.4 (MCS11)	11.00	23.60	-12.60
	5300	60	AVG	26	0	135/143.4 (MCS11)	10.89	23.60	-12.71
			AVG	26	4	135/143.4 (MCS11)	11.41	23.60	-12.19
			AVG	26	8	135/143.4 (MCS11)	10.89	23.60	-12.71
	5320	64	AVG	26	0	135/143.4 (MCS11)	10.85	23.60	-12.75
			AVG	26	4	135/143.4 (MCS11)	11.35	23.60	-12.25
			AVG	26	8	135/143.4 (MCS11)	10.84	23.60	-12.76
	5500	100	AVG	26	0	135/143.4 (MCS11)	10.80	23.62	-12.82
			AVG	26	4	135/143.4 (MCS11)	11.40	23.62	-12.22
			AVG	26	8	135/143.4 (MCS11)	10.88	23.62	-12.74
	5580	116	AVG	26	0	135/143.4 (MCS11)	10.92	23.62	-12.70
			AVG	26	4	135/143.4 (MCS11)	11.50	23.62	-12.12
			AVG	26	8	135/143.4 (MCS11)	11.06	23.62	-12.56
	5720	144	AVG	26	0	135/143.4 (MCS11)	10.80	23.62	-12.82
			AVG	26	4	135/143.4 (MCS11)	11.49	23.62	-12.13
			AVG	26	8	135/143.4 (MCS11)	11.05	23.62	-12.57
	5745	149	AVG	26	0	135/143.4 (MCS11)	10.82	30.00	-19.18
			AVG	26	4	135/143.4 (MCS11)	11.41	30.00	-18.59
			AVG	26	8	135/143.4 (MCS11)	10.87	30.00	-19.13
	5785	157	AVG	26	0	135/143.4 (MCS11)	10.94	30.00	-19.06
			AVG	26	4	135/143.4 (MCS11)	11.33	30.00	-18.67
			AVG	26	8	135/143.4 (MCS11)	10.72	30.00	-19.28
	5825	165	AVG	26	0	135/143.4 (MCS11)	11.09	30.00	-18.91
			AVG	26	4	135/143.4 (MCS11)	11.45	30.00	-18.55
			AVG	26	8	135/143.4 (MCS11)	10.80	30.00	-19.20

Table 7-32. FCC Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 62 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	26	0	271/286.8 (MCS11)	10.19	23.98	-13.79
			AVG	26	8	271/286.8 (MCS11)	11.45	23.98	-12.53
			AVG	26	17	271/286.8 (MCS11)	10.71	23.98	-13.27
	5230	46	AVG	26	0	271/286.8 (MCS11)	10.57	23.98	-13.41
			AVG	26	8	271/286.8 (MCS11)	11.50	23.98	-12.48
			AVG	26	17	271/286.8 (MCS11)	10.74	23.98	-13.24
	5270	54	AVG	26	0	271/286.8 (MCS11)	10.68	23.60	-12.92
			AVG	26	8	271/286.8 (MCS11)	11.49	23.60	-12.11
			AVG	26	17	271/286.8 (MCS11)	10.77	23.60	-12.83
	5310	62	AVG	26	0	271/286.8 (MCS11)	10.80	23.60	-12.80
			AVG	26	8	271/286.8 (MCS11)	11.50	23.60	-12.10
			AVG	26	17	271/286.8 (MCS11)	11.01	23.60	-12.59
	5510	102	AVG	26	0	271/286.8 (MCS11)	10.41	23.62	-13.21
			AVG	26	8	271/286.8 (MCS11)	11.25	23.62	-12.37
			AVG	26	17	271/286.8 (MCS11)	10.84	23.62	-12.78
	5550	110	AVG	26	0	271/286.8 (MCS11)	10.59	23.62	-13.03
			AVG	26	8	271/286.8 (MCS11)	11.46	23.62	-12.16
			AVG	26	17	271/286.8 (MCS11)	10.82	23.62	-12.80
	5710	142	AVG	26	0	271/286.8 (MCS11)	10.54	23.62	-13.08
			AVG	26	8	271/286.8 (MCS11)	11.47	23.62	-12.15
			AVG	26	17	271/286.8 (MCS11)	10.92	23.62	-12.70
	5755	151	AVG	26	0	271/286.8 (MCS11)	10.80	30.00	-19.20
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50
			AVG	26	17	271/286.8 (MCS11)	10.82	30.00	-19.18
	5795	159	AVG	26	0	271/286.8 (MCS11)	10.90	30.00	-19.10
			AVG	26	8	271/286.8 (MCS11)	11.39	30.00	-18.61
			AVG	26	17	271/286.8 (MCS11)	10.61	30.00	-19.39

Table 7-33. FCC Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 63 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	26	0	567/600.5 (MCS11)	9.52	23.98	-14.46
			AVG	26	18	567/600.5 (MCS11)	10.47	23.98	-13.51
			AVG	26	36	567/600.5 (MCS11)	10.04	23.98	-13.94
	5290	58	AVG	26	0	567/600.5 (MCS11)	10.52	23.60	-13.08
			AVG	26	18	567/600.5 (MCS11)	11.00	23.60	-12.60
			AVG	26	36	567/600.5 (MCS11)	10.67	23.60	-12.93
	5530	106	AVG	26	0	567/600.5 (MCS11)	9.58	23.62	-14.04
			AVG	26	18	567/600.5 (MCS11)	10.00	23.62	-13.62
			AVG	26	36	567/600.5 (MCS11)	9.79	23.62	-13.83
	5610	122	AVG	26	0	567/600.5 (MCS11)	11.12	23.62	-12.50
			AVG	26	18	567/600.5 (MCS11)	11.50	23.62	-12.12
			AVG	26	36	567/600.5 (MCS11)	11.42	23.62	-12.20
	5690	138	AVG	26	0	567/600.5 (MCS11)	10.75	23.62	-12.87
			AVG	26	18	567/600.5 (MCS11)	11.50	23.62	-12.12
			AVG	26	36	567/600.5 (MCS11)	11.10	23.62	-12.52
	5775	155	AVG	26	0	567/600.5 (MCS11)	10.84	30.00	-19.16
			AVG	26	18	567/600.5 (MCS11)	11.50	30.00	-18.50
			AVG	26	36	567/600.5 (MCS11)	10.76	30.00	-19.24

Table 7-34. FCC Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 64 of 397

ISED Antenna 3b Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	26	0	135/143.4 (MCS11)	6.18	-	-	3.40	9.58	22.66	-13.08
			AVG	26	4	135/143.4 (MCS11)	6.95	-	-	3.40	10.35	22.66	-12.31
			AVG	26	8	135/143.4 (MCS11)	6.69	-	-	3.40	10.09	22.66	-12.57
	5200	40	AVG	26	0	135/143.4 (MCS11)	6.28	-	-	3.40	9.68	22.66	-12.98
			AVG	26	4	135/143.4 (MCS11)	6.93	-	-	3.40	10.33	22.66	-12.33
			AVG	26	8	135/143.4 (MCS11)	6.48	-	-	3.40	9.88	22.66	-12.78
	5240	48	AVG	26	0	135/143.4 (MCS11)	6.30	-	-	3.40	9.70	22.66	-12.96
			AVG	26	4	135/143.4 (MCS11)	6.86	-	-	3.40	10.26	22.66	-12.40
			AVG	26	8	135/143.4 (MCS11)	6.31	-	-	3.40	9.71	22.66	-12.95
	5260	52	AVG	26	0	135/143.4 (MCS11)	11.02	23.60	-12.58	2.70	13.72	29.60	-15.88
			AVG	26	4	135/143.4 (MCS11)	11.50	23.60	-12.10	2.70	14.20	29.60	-15.40
			AVG	26	8	135/143.4 (MCS11)	11.00	23.60	-12.60	2.70	13.70	29.60	-15.90
	5300	60	AVG	26	0	135/143.4 (MCS11)	10.89	23.60	-12.71	2.70	13.59	29.60	-16.01
			AVG	26	4	135/143.4 (MCS11)	11.41	23.60	-12.19	2.70	14.11	29.60	-15.49
			AVG	26	8	135/143.4 (MCS11)	10.89	23.60	-12.71	2.70	13.59	29.60	-16.01
	5320	64	AVG	26	0	135/143.4 (MCS11)	10.85	23.60	-12.75	2.70	13.55	29.60	-16.05
			AVG	26	4	135/143.4 (MCS11)	11.35	23.60	-12.25	2.70	14.05	29.60	-15.55
			AVG	26	8	135/143.4 (MCS11)	10.84	23.60	-12.76	2.70	13.54	29.60	-16.06
	5500	100	AVG	26	0	135/143.4 (MCS11)	10.80	23.62	-12.82	1.60	12.40	29.62	-17.22
			AVG	26	4	135/143.4 (MCS11)	11.40	23.62	-12.22	1.60	13.00	29.62	-16.62
			AVG	26	8	135/143.4 (MCS11)	10.88	23.62	-12.74	1.60	12.48	29.62	-17.14
	5580	116	AVG	26	0	135/143.4 (MCS11)	10.92	23.62	-12.70	1.60	12.52	29.62	-17.10
			AVG	26	4	135/143.4 (MCS11)	11.50	23.62	-12.12	1.60	13.10	29.62	-16.52
			AVG	26	8	135/143.4 (MCS11)	11.06	23.62	-12.56	1.60	12.66	29.62	-16.96
	5720	144	AVG	26	0	135/143.4 (MCS11)	10.80	23.62	-12.82	1.60	12.40	29.62	-17.22
			AVG	26	4	135/143.4 (MCS11)	11.49	23.62	-12.13	1.60	13.09	29.62	-16.53
			AVG	26	8	135/143.4 (MCS11)	11.05	23.62	-12.57	1.60	12.65	29.62	-16.97
	5745	149	AVG	26	0	135/143.4 (MCS11)	10.82	30.00	-19.18	2.40	13.22	-	-
			AVG	26	4	135/143.4 (MCS11)	11.41	30.00	-18.59	2.40	13.81	-	-
			AVG	26	8	135/143.4 (MCS11)	10.87	30.00	-19.13	2.40	13.27	-	-
	5785	157	AVG	26	0	135/143.4 (MCS11)	10.94	30.00	-19.06	2.40	13.34	-	-
			AVG	26	4	135/143.4 (MCS11)	11.33	30.00	-18.67	2.40	13.73	-	-
			AVG	26	8	135/143.4 (MCS11)	10.72	30.00	-19.28	2.40	13.12	-	-
	5825	165	AVG	26	0	135/143.4 (MCS11)	11.09	30.00	-18.91	2.40	13.49	-	-
			AVG	26	4	135/143.4 (MCS11)	11.45	30.00	-18.55	2.40	13.85	-	-
			AVG	26	8	135/143.4 (MCS11)	10.80	30.00	-19.20	2.40	13.20	-	-

Table 7-35. ISED Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 65 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	26	0	271/286.8 (MCS11)	5.85	-	-	3.40	9.25	22.66	-13.41
			AVG	26	8	271/286.8 (MCS11)	6.93	-	-	3.40	10.33	22.66	-12.33
			AVG	26	17	271/286.8 (MCS11)	6.17	-	-	3.40	9.57	22.66	-13.09
	5230	46	AVG	26	0	271/286.8 (MCS11)	6.11	-	-	3.40	9.51	22.66	-13.15
			AVG	26	8	271/286.8 (MCS11)	6.92	-	-	3.40	10.32	22.66	-12.34
			AVG	26	17	271/286.8 (MCS11)	6.40	-	-	3.40	9.80	22.66	-12.86
	5270	54	AVG	26	0	271/286.8 (MCS11)	10.68	23.60	-12.92	2.70	13.38	29.60	-16.22
			AVG	26	8	271/286.8 (MCS11)	11.49	23.60	-12.11	2.70	14.19	29.60	-15.41
			AVG	26	17	271/286.8 (MCS11)	10.77	23.60	-12.83	2.70	13.47	29.60	-16.13
	5310	62	AVG	26	0	271/286.8 (MCS11)	10.80	23.60	-12.80	2.70	13.50	29.60	-16.10
			AVG	26	8	271/286.8 (MCS11)	11.50	23.60	-12.10	2.70	14.20	29.60	-15.40
			AVG	26	17	271/286.8 (MCS11)	11.01	23.60	-12.59	2.70	13.71	29.60	-15.89
	5510	102	AVG	26	0	271/286.8 (MCS11)	10.41	23.62	-13.21	1.60	12.01	29.62	-17.61
			AVG	26	8	271/286.8 (MCS11)	11.25	23.62	-12.37	1.60	12.85	29.62	-16.77
			AVG	26	17	271/286.8 (MCS11)	10.84	23.62	-12.78	1.60	12.44	29.62	-17.18
	5550	110	AVG	26	0	271/286.8 (MCS11)	10.59	23.62	-13.03	1.60	12.19	29.62	-17.43
			AVG	26	8	271/286.8 (MCS11)	11.46	23.62	-12.16	1.60	13.06	29.62	-16.56
			AVG	26	17	271/286.8 (MCS11)	10.82	23.62	-12.80	1.60	12.42	29.62	-17.20
	5710	142	AVG	26	0	271/286.8 (MCS11)	10.54	23.62	-13.08	1.60	12.14	29.62	-17.48
			AVG	26	8	271/286.8 (MCS11)	11.47	23.62	-12.15	1.60	13.07	29.62	-16.55
			AVG	26	17	271/286.8 (MCS11)	10.92	23.62	-12.70	1.60	12.52	29.62	-17.10
	5755	151	AVG	26	0	271/286.8 (MCS11)	10.80	30.00	-19.20	2.40	13.20	-	-
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50	2.40	13.90	-	-
			AVG	26	17	271/286.8 (MCS11)	10.82	30.00	-19.18	2.40	13.22	-	-
	5795	159	AVG	26	0	271/286.8 (MCS11)	10.90	30.00	-19.10	2.40	13.30	-	-
			AVG	26	8	271/286.8 (MCS11)	11.39	30.00	-18.61	2.40	13.79	-	-
			AVG	26	17	271/286.8 (MCS11)	10.61	30.00	-19.39	2.40	13.01	-	-

Table 7-36. ISED Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	26	0	567/600.5 (MCS11)	6.07	-	-	3.40	9.47	22.66	-13.19
			AVG	26	18	567/600.5 (MCS11)	6.92	-	-	3.40	10.32	22.66	-12.34
			AVG	26	36	567/600.5 (MCS11)	6.68	-	-	3.40	10.08	22.66	-12.58
	5290	58	AVG	26	0	567/600.5 (MCS11)	10.52	23.60	-13.08	2.70	13.22	29.60	-16.38
			AVG	26	18	567/600.5 (MCS11)	11.00	23.60	-12.60	2.70	13.70	29.60	-15.90
			AVG	26	36	567/600.5 (MCS11)	10.67	23.60	-12.93	2.70	13.37	29.60	-16.23
	5530	106	AVG	26	0	567/600.5 (MCS11)	9.58	23.62	-14.04	1.60	11.18	29.62	-18.44
			AVG	26	18	567/600.5 (MCS11)	10.00	23.62	-13.62	1.60	11.60	29.62	-18.02
			AVG	26	36	567/600.5 (MCS11)	9.79	23.62	-13.83	1.60	11.39	29.62	-18.23
	5690	138	AVG	26	0	567/600.5 (MCS11)	10.75	23.62	-12.87	1.60	12.35	29.62	-17.27
			AVG	26	18	567/600.5 (MCS11)	11.50	23.62	-12.12	1.60	13.10	29.62	-16.52
			AVG	26	36	567/600.5 (MCS11)	11.10	23.62	-12.52	1.60	12.70	29.62	-16.92
	5775	155	AVG	26	0	567/600.5 (MCS11)	10.84	30.00	-19.16	2.40	13.24	-	-
			AVG	26	18	567/600.5 (MCS11)	11.50	30.00	-18.50	2.40	13.90	-	-
			AVG	26	36	567/600.5 (MCS11)	10.76	30.00	-19.24	2.40	13.16	-	-

Table 7-37. ISED Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 66 of 397

FCC Antenna 3b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106	53	135/143.4 (MCS11)	15.21	23.98	-8.77
			AVG	106	54	135/143.4 (MCS11)	15.44	23.98	-8.54
	5200	40	AVG	106	53	135/143.4 (MCS11)	17.32	23.98	-6.66
			AVG	106	54	135/143.4 (MCS11)	17.49	23.98	-6.49
	5240	48	AVG	106	53	135/143.4 (MCS11)	17.47	23.98	-6.51
			AVG	106	54	135/143.4 (MCS11)	17.41	23.98	-6.57
	5260	52	AVG	106	53	135/143.4 (MCS11)	17.50	23.60	-6.10
			AVG	106	54	135/143.4 (MCS11)	17.46	23.60	-6.14
	5300	60	AVG	106	53	135/143.4 (MCS11)	17.32	23.60	-6.28
			AVG	106	54	135/143.4 (MCS11)	17.37	23.60	-6.23
	5320	64	AVG	106	53	135/143.4 (MCS11)	15.99	23.60	-7.61
			AVG	106	54	135/143.4 (MCS11)	15.97	23.60	-7.63
	5500	100	AVG	106	53	135/143.4 (MCS11)	14.33	23.62	-9.29
			AVG	106	54	135/143.4 (MCS11)	14.30	23.62	-9.32
	5520	104	AVG	106	53	135/143.4 (MCS11)	17.40	23.62	-6.22
			AVG	106	54	135/143.4 (MCS11)	17.26	23.62	-6.36
	5580	116	AVG	106	53	135/143.4 (MCS11)	17.35	23.62	-6.27
			AVG	106	54	135/143.4 (MCS11)	17.46	23.62	-6.16
	5680	136	AVG	106	53	135/143.4 (MCS11)	17.20	23.62	-6.42
			AVG	106	54	135/143.4 (MCS11)	17.34	23.62	-6.28
	5700	140	AVG	106	53	135/143.4 (MCS11)	12.13	23.62	-11.49
			AVG	106	54	135/143.4 (MCS11)	12.37	23.62	-11.25
	5720	144	AVG	106	53	135/143.4 (MCS11)	17.22	23.62	-6.40
			AVG	106	54	135/143.4 (MCS11)	17.39	23.62	-6.23
	5745	149	AVG	106	53	135/143.4 (MCS11)	17.29	30.00	-12.71
			AVG	106	54	135/143.4 (MCS11)	17.22	30.00	-12.78
	5785	157	AVG	106	53	135/143.4 (MCS11)	17.47	30.00	-12.53
			AVG	106	54	135/143.4 (MCS11)	17.40	30.00	-12.60
	5825	165	AVG	106	53	135/143.4 (MCS11)	17.42	30.00	-12.58
			AVG	106	54	135/143.4 (MCS11)	17.38	30.00	-12.62

Table 7-38. FCC Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 67 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	242	61	271/286.8 (MCS11)	12.29	23.98	-11.69
			AVG	242	62	271/286.8 (MCS11)	12.43	23.98	-11.55
	5230	46	AVG	242	61	271/286.8 (MCS11)	18.10	23.98	-5.88
			AVG	242	62	271/286.8 (MCS11)	18.38	23.98	-5.60
	5270	54	AVG	242	61	271/286.8 (MCS11)	17.80	23.60	-5.80
			AVG	242	62	271/286.8 (MCS11)	17.94	23.60	-5.66
	5310	62	AVG	242	61	271/286.8 (MCS11)	11.68	23.60	-11.92
			AVG	242	62	271/286.8 (MCS11)	11.75	23.60	-11.85
	5510	102	AVG	242	61	271/286.8 (MCS11)	12.19	23.62	-11.43
			AVG	242	62	271/286.8 (MCS11)	12.50	23.62	-11.12
	5550	110	AVG	242	61	271/286.8 (MCS11)	17.66	23.62	-5.96
			AVG	242	62	271/286.8 (MCS11)	17.98	23.62	-5.64
	5590	118	AVG	242	61	271/286.8 (MCS11)	19.23	23.62	-4.39
			AVG	242	62	271/286.8 (MCS11)	19.41	23.62	-4.21
	5630	126	AVG	242	61	271/286.8 (MCS11)	19.40	23.62	-4.22
			AVG	242	62	271/286.8 (MCS11)	19.49	23.62	-4.13
	5670	134	AVG	242	61	271/286.8 (MCS11)	13.81	23.62	-9.81
			AVG	242	62	271/286.8 (MCS11)	13.95	23.62	-9.67
	5710	142	AVG	106	53	271/286.8 (MCS11)	16.77	23.62	-6.85
			AVG	106	54	271/286.8 (MCS11)	17.35	23.62	-6.27
			AVG	106	56	271/286.8 (MCS11)	17.03	23.62	-6.59
	5755	151	AVG	242	61	271/286.8 (MCS11)	19.43	30.00	-10.57
			AVG	242	62	271/286.8 (MCS11)	19.50	30.00	-10.50
	5795	159	AVG	242	61	271/286.8 (MCS11)	19.48	30.00	-10.52
			AVG	242	62	271/286.8 (MCS11)	19.50	30.00	-10.50

Table 7-39. FCC Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	484	65	567/600.5 (MCS11)	12.19	23.98	-11.79
			AVG	484	66	567/600.5 (MCS11)	12.50	23.98	-11.48
	5290	58	AVG	242	61	567/600.5 (MCS11)	12.34	23.60	-11.26
			AVG	242	62	567/600.5 (MCS11)	12.50	23.60	-11.10
			AVG	242	64	567/600.5 (MCS11)	12.18	23.60	-11.42
	5530	106	AVG	484	65	567/600.5 (MCS11)	11.64	23.62	-11.98
			AVG	484	66	567/600.5 (MCS11)	12.00	23.62	-11.62
	5610	122	AVG	484	65	567/600.5 (MCS11)	15.48	23.62	-8.14
			AVG	484	66	567/600.5 (MCS11)	15.44	23.62	-8.18
	5690	138	AVG	106	53	567/600.5 (MCS11)	16.78	23.62	-6.84
			AVG	106	56	567/600.5 (MCS11)	17.39	23.62	-6.23
			AVG	106	60	567/600.5 (MCS11)	17.10	23.62	-6.52
	5775	155	AVG	484	65	567/600.5 (MCS11)	17.40	30.00	-12.60
			AVG	484	66	567/600.5 (MCS11)	17.47	30.00	-12.53

Table 7-40. FCC Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 68 of 397

ISED Antenna 3b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106	53	135/143.4 (MCS11)	12.80	-	-	3.40	16.20	22.66	-6.46
			AVG	106	54	135/143.4 (MCS11)	12.82	-	-	3.40	16.22	22.66	-6.44
	5200	40	AVG	106	53	135/143.4 (MCS11)	12.95	-	-	3.40	16.35	22.66	-6.31
			AVG	106	54	135/143.4 (MCS11)	12.91	-	-	3.40	16.31	22.66	-6.35
	5240	48	AVG	106	53	135/143.4 (MCS11)	12.79	-	-	3.40	16.19	22.66	-6.47
			AVG	106	54	135/143.4 (MCS11)	12.82	-	-	3.40	16.22	22.66	-6.44
	5260	52	AVG	106	53	135/143.4 (MCS11)	17.50	23.60	-6.10	2.70	20.20	29.60	-9.40
			AVG	106	54	135/143.4 (MCS11)	17.46	23.60	-6.14	2.70	20.16	29.60	-9.44
	5300	60	AVG	106	53	135/143.4 (MCS11)	17.32	23.60	-6.28	2.70	20.02	29.60	-9.58
			AVG	106	54	135/143.4 (MCS11)	17.37	23.60	-6.23	2.70	20.07	29.60	-9.53
	5320	64	AVG	106	53	135/143.4 (MCS11)	15.99	23.60	-7.61	2.70	18.69	29.60	-10.91
			AVG	106	54	135/143.4 (MCS11)	15.97	23.60	-7.63	2.70	18.67	29.60	-10.93
	5500	100	AVG	106	53	135/143.4 (MCS11)	14.33	23.62	-9.29	1.60	15.93	29.62	-13.69
			AVG	106	54	135/143.4 (MCS11)	14.30	23.62	-9.32	1.60	15.90	29.62	-13.72
	5520	104	AVG	106	53	135/143.4 (MCS11)	17.40	23.62	-6.22	1.60	19.00	29.62	-10.62
			AVG	106	54	135/143.4 (MCS11)	17.26	23.62	-6.36	1.60	18.86	29.62	-10.76
	5580	116	AVG	106	53	135/143.4 (MCS11)	17.35	23.62	-6.27	1.60	18.95	29.62	-10.67
			AVG	106	54	135/143.4 (MCS11)	17.46	23.62	-6.16	1.60	19.06	29.62	-10.56
	5680	136	AVG	106	53	135/143.4 (MCS11)	17.20	23.62	-6.42	1.60	18.80	29.62	-10.82
			AVG	106	54	135/143.4 (MCS11)	17.34	23.62	-6.28	1.60	18.94	29.62	-10.68
	5700	140	AVG	106	53	135/143.4 (MCS11)	12.13	23.62	-11.49	1.60	13.73	29.62	-15.89
			AVG	106	54	135/143.4 (MCS11)	12.37	23.62	-11.25	1.60	13.97	29.62	-15.65
	5720	144	AVG	106	53	135/143.4 (MCS11)	17.22	23.62	-6.40	1.60	18.82	29.62	-10.80
			AVG	106	54	135/143.4 (MCS11)	17.39	23.62	-6.23	1.60	18.99	29.62	-10.63
	5745	149	AVG	106	53	135/143.4 (MCS11)	17.29	30.00	-12.71	2.40	19.69	-	-
			AVG	106	54	135/143.4 (MCS11)	17.22	30.00	-12.78	2.40	19.62	-	-
	5785	157	AVG	106	53	135/143.4 (MCS11)	17.47	30.00	-12.53	2.40	19.87	-	-
			AVG	106	54	135/143.4 (MCS11)	17.40	30.00	-12.60	2.40	19.80	-	-
	5825	165	AVG	106	53	135/143.4 (MCS11)	17.42	30.00	-12.58	2.40	19.82	-	-
			AVG	106	54	135/143.4 (MCS11)	17.38	30.00	-12.62	2.40	19.78	-	-

Table 7-41. ISED Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	242	61	271/286.8 (MCS11)	12.36	-	-	3.40	15.76	22.66	-6.90
			AVG	242	62	271/286.8 (MCS11)	12.41	-	-	3.40	15.81	22.66	-6.85
	5230	46	AVG	242	61	271/286.8 (MCS11)	14.77	-	-	3.40	18.17	22.66	-4.49
			AVG	242	62	271/286.8 (MCS11)	15.19	-	-	3.40	18.59	22.66	-4.07
	5270	54	AVG	242	61	271/286.8 (MCS11)	17.80	23.60	-5.80	2.70	20.50	29.60	-9.10
			AVG	242	62	271/286.8 (MCS11)	17.94	23.60	-5.66	2.70	20.64	29.60	-8.96
	5310	62	AVG	242	61	271/286.8 (MCS11)	11.68	23.60	-11.92	2.70	14.38	29.60	-15.22
			AVG	242	62	271/286.8 (MCS11)	11.75	23.60	-11.85	2.70	14.45	29.60	-15.15
	5510	102	AVG	242	61	271/286.8 (MCS11)	12.19	23.62	-11.43	1.60	13.79	29.62	-15.83
			AVG	242	62	271/286.8 (MCS11)	12.50	23.62	-11.12	1.60	14.10	29.62	-15.52
	5550	110	AVG	242	61	271/286.8 (MCS11)	17.66	23.62	-5.96	1.60	19.26	29.62	-10.36
			AVG	242	62	271/286.8 (MCS11)	17.98	23.62	-5.64	1.60	19.58	29.62	-10.04
	5670	134	AVG	242	61	271/286.8 (MCS11)	13.81	23.62	-9.81	1.60	15.41	29.62	-14.21
			AVG	242	62	271/286.8 (MCS11)	13.95	23.62	-9.67	1.60	15.55	29.62	-14.07
	5710	142	AVG	106	53	271/286.8 (MCS11)	16.77	23.62	-6.85	1.60	18.37	29.62	-11.25
			AVG	106	56	271/286.8 (MCS11)	17.35	23.62	-6.27	1.60	18.95	29.62	-10.67
	5755	151	AVG	242	61	271/286.8 (MCS11)	19.43	30.00	-10.57	2.40	21.83	-	-
			AVG	242	62	271/286.8 (MCS11)	19.50	30.00	-10.50	2.40	21.90	-	-
	5795	159	AVG	242	61	271/286.8 (MCS11)	19.48	30.00	-10.52	2.40	21.88	-	-
			AVG	242	62	271/286.8 (MCS11)	19.50	30.00	-10.50	2.40	21.90	-	-

Table 7-42. ISED Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 69 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	484	65	567/600.5 (MCS11)	12.29	-	-	3.40	15.69	22.66	-6.97
			AVG	484	66	567/600.5 (MCS11)	12.47	-	-	3.40	15.87	22.66	-6.79
	5290	58	AVG	242	61	567/600.5 (MCS11)	12.34	23.60	-11.26	2.70	15.04	29.60	-14.56
			AVG	242	62	567/600.5 (MCS11)	12.50	23.60	-11.10	2.70	15.20	29.60	-14.40
			AVG	242	64	567/600.5 (MCS11)	12.18	23.60	-11.42	2.70	14.88	29.60	-14.72
			AVG	484	65	567/600.5 (MCS11)	11.64	23.62	-11.98	1.60	13.24	29.62	-16.38
	5530	106	AVG	484	66	567/600.5 (MCS11)	12.00	23.62	-11.62	1.60	13.60	29.62	-16.02
			AVG	106	53	567/600.5 (MCS11)	16.78	23.62	-6.84	1.60	18.38	29.62	-11.24
	5690	138	AVG	106	56	567/600.5 (MCS11)	17.39	23.62	-6.23	1.60	18.99	29.62	-10.63
			AVG	106	60	567/600.5 (MCS11)	17.10	23.62	-6.52	1.60	18.70	29.62	-10.92
	5775	155	AVG	484	65	567/600.5 (MCS11)	17.40	30.00	-12.60	2.40	19.80	-	-
			AVG	484	66	567/600.5 (MCS11)	17.47	30.00	-12.53	2.40	19.87	-	-

Table 7-43. ISED Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 70 of 397

FCC Antenna 3b Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	242	61	135/143.4 (MCS11)	15.48	23.98	-8.50
	5200	40	AVG	242	61	135/143.4 (MCS11)	19.66	23.98	-4.32
	5240	48	AVG	242	61	135/143.4 (MCS11)	19.68	23.98	-4.30
	5260	52	AVG	242	61	135/143.4 (MCS11)	19.65	23.60	-3.95
	5300	60	AVG	242	61	135/143.4 (MCS11)	19.75	23.60	-3.85
	5320	64	AVG	242	61	135/143.4 (MCS11)	15.96	23.60	-7.64
	5500	100	AVG	242	61	135/143.4 (MCS11)	14.27	23.62	-9.35
	5520	104	AVG	242	61	135/143.4 (MCS11)	19.00	23.62	-4.62
	5540	108	AVG	242	61	135/143.4 (MCS11)	19.57	23.62	-4.05
	5580	116	AVG	242	61	135/143.4 (MCS11)	19.57	23.62	-4.05
	5660	132	AVG	242	61	135/143.4 (MCS11)	19.70	23.62	-3.92
	5680	136	AVG	242	61	135/143.4 (MCS11)	18.43	23.62	-5.19
	5700	140	AVG	242	61	135/143.4 (MCS11)	12.38	23.62	-11.24
	5720	144	AVG	242	61	135/143.4 (MCS11)	19.48	23.62	-4.14
	5745	149	AVG	242	61	135/143.4 (MCS11)	20.48	30.00	-9.52
	5785	157	AVG	242	61	135/143.4 (MCS11)	20.50	30.00	-9.50
	5825	165	AVG	242	61	135/143.4 (MCS11)	20.29	30.00	-9.71

Table 7-44. FCC Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	484	65	271/286.8 (MCS11)	12.50	23.98	-11.48
	5230	46	AVG	484	65	271/286.8 (MCS11)	18.41	23.98	-5.57
	5270	54	AVG	484	65	271/286.8 (MCS11)	18.00	23.60	-5.60
	5310	62	AVG	484	65	271/286.8 (MCS11)	12.00	23.60	-11.60
	5510	102	AVG	484	65	271/286.8 (MCS11)	12.50	23.62	-11.12
	5550	110	AVG	484	65	271/286.8 (MCS11)	18.00	23.62	-5.62
	5590	118	AVG	484	65	271/286.8 (MCS11)	19.50	23.62	-4.12
	5630	126	AVG	484	65	271/286.8 (MCS11)	19.42	23.62	-4.20
	5670	134	AVG	484	65	271/286.8 (MCS11)	13.92	23.62	-9.70
	5710	142	AVG	484	65	271/286.8 (MCS11)	20.50	23.62	-3.12
	5755	151	AVG	484	65	271/286.8 (MCS11)	19.35	30.00	-10.65
	5795	159	AVG	484	65	271/286.8 (MCS11)	19.50	30.00	-10.50

Table 7-45. FCC Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	996	67	567/600.5 (MCS11)	12.30	23.98	-11.68
	5290	58	AVG	996	67	567/600.5 (MCS11)	12.47	23.60	-11.13
	5530	106	AVG	996	67	567/600.5 (MCS11)	12.00	23.62	-11.62
	5610	122	AVG	996	67	567/600.5 (MCS11)	15.33	23.62	-8.29
	5690	138	AVG	996	67	567/600.5 (MCS11)	20.28	23.62	-3.34
	5775	155	AVG	996	67	567/600.5 (MCS11)	17.42	30.00	-12.58

Table 7-46. FCC Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 71 of 397

ISED Antenna 3b Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	242	61	135/143.4 (MCS11)	15.23	-	-	3.40	18.63	22.66	-4.03
	5200	40	AVG	242	61	135/143.4 (MCS11)	15.25	-	-	3.40	18.65	22.66	-4.01
	5240	48	AVG	242	61	135/143.4 (MCS11)	15.15	-	-	3.40	18.55	22.66	-4.11
	5260	52	AVG	242	61	135/143.4 (MCS11)	19.65	23.60	-3.95	2.70	22.35	29.60	-7.25
	5300	60	AVG	242	61	135/143.4 (MCS11)	19.75	23.60	-3.85	2.70	22.45	29.60	-7.15
	5320	64	AVG	242	61	135/143.4 (MCS11)	15.96	23.60	-7.64	2.70	18.66	29.60	-10.94
	5500	100	AVG	242	61	135/143.4 (MCS11)	14.27	23.62	-9.35	1.60	15.87	29.62	-13.75
	5520	104	AVG	242	61	135/143.4 (MCS11)	19.00	23.62	-4.62	1.60	20.60	29.62	-9.02
	5540	108	AVG	242	61	135/143.4 (MCS11)	19.57	23.62	-4.05	1.60	21.17	29.62	-8.45
	5580	116	AVG	242	61	135/143.4 (MCS11)	19.57	23.62	-4.05	1.60	21.17	29.62	-8.45
	5660	132	AVG	242	61	135/143.4 (MCS11)	19.70	23.62	-3.92	1.60	21.30	29.62	-8.32
	5680	136	AVG	242	61	135/143.4 (MCS11)	18.43	23.62	-5.19	1.60	20.03	29.62	-9.59
	5700	140	AVG	242	61	135/143.4 (MCS11)	12.38	23.62	-11.24	1.60	13.98	29.62	-15.64
	5720	144	AVG	242	61	135/143.4 (MCS11)	19.48	23.62	-4.14	1.60	21.08	29.62	-8.54
	5745	149	AVG	242	61	135/143.4 (MCS11)	20.48	30.00	-9.52	2.40	22.88	-	-
	5785	157	AVG	242	61	135/143.4 (MCS11)	20.50	30.00	-9.50	2.40	22.90	-	-
	5825	165	AVG	242	61	135/143.4 (MCS11)	20.29	30.00	-9.71	2.40	22.69	-	-

Table 7-47. ISED Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	484	65	271/286.8 (MCS11)	12.35	-	-	3.40	15.75	22.66	-6.91
	5230	46	AVG	484	65	271/286.8 (MCS11)	18.00	-	-	3.40	21.40	22.66	-1.26
	5270	54	AVG	484	65	271/286.8 (MCS11)	18.00	23.60	-5.60	2.70	20.70	29.60	-8.90
	5310	62	AVG	484	65	271/286.8 (MCS11)	12.00	23.60	-11.60	2.70	14.70	29.60	-14.90
	5510	102	AVG	484	65	271/286.8 (MCS11)	12.50	23.62	-11.12	1.60	14.10	29.62	-15.52
	5550	110	AVG	484	65	271/286.8 (MCS11)	18.00	23.62	-5.62	1.60	19.60	29.62	-10.02
	5670	134	AVG	484	65	271/286.8 (MCS11)	13.92	23.62	-9.70	1.60	15.52	29.62	-14.10
	5710	142	AVG	484	65	271/286.8 (MCS11)	20.50	23.62	-3.12	1.60	22.10	29.62	-7.52
	5755	151	AVG	484	65	271/286.8 (MCS11)	19.35	30.00	-10.65	2.40	21.75	-	-
	5795	159	AVG	484	65	271/286.8 (MCS11)	19.50	30.00	-10.50	2.40	21.90	-	-

Table 7-48. ISED Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	996	67	567/600.5 (MCS11)	12.32	-	-	3.40	15.72	22.66	-6.94
	5290	58	AVG	996	67	567/600.5 (MCS11)	12.47	23.60	-11.13	2.70	15.17	29.60	-14.43
	5530	106	AVG	996	67	567/600.5 (MCS11)	12.00	23.62	-11.62	1.60	13.60	29.62	-16.02
	5690	138	AVG	996	67	567/600.5 (MCS11)	20.28	23.62	-3.34	1.60	21.88	29.62	-7.74
	5775	155	AVG	996	67	567/600.5 (MCS11)	17.42	30.00	-12.58	2.40	19.82	-	-

Table 7-49. ISED Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 72 of 397