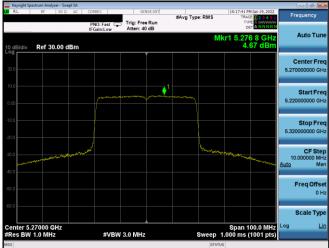




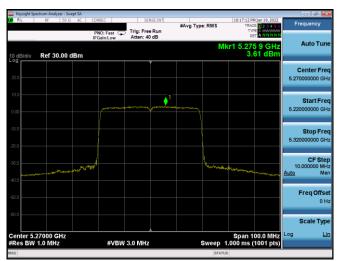
Plot 7-253. PSD CDD Antenna WF8 (40MHz BW 11ax Index 17 - RU26 - Ch.54)



Plot 7-254. PSD CDD Antenna WF7a (40MHz BW 11ax Index 17 - RU26 - Ch.54)



Plot 7-255. PSD CDD Antenna WF8 (40MHz BW 11ax - RU484 - Ch.54)



Plot 7-256. PSD CDD Antenna WF7a (40MHz BW 11ax - RU484 - Ch.54)



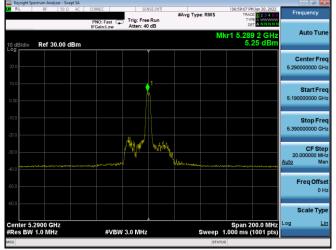




Plot 7-258. PSD CDD Antenna WF7a (80MHz BW 11ax Index 0 - RU26 - Ch.58)

FCC ID: BCGA2588 IC: 579C-A2588	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	De res 440 ef 040
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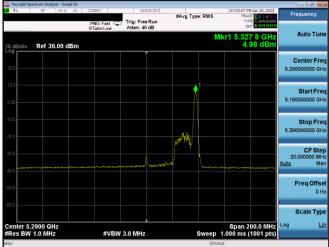




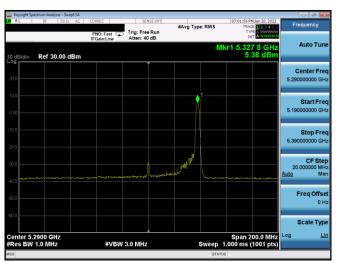
Plot 7-259. PSD CDD Antenna WF8 (80MHz BW 11ax Index 18 - RU26 - Ch.58)



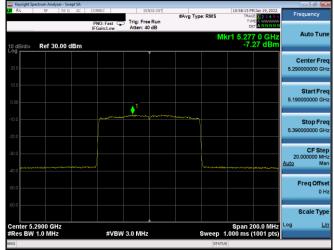
Plot 7-260. PSD CDD Antenna WF7a (80MHz BW 11ax Index 18 - RU26 - Ch.58)

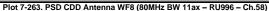


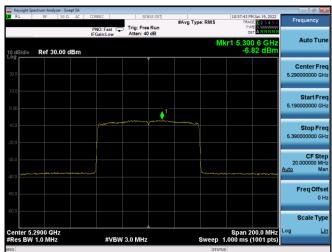
Plot 7-261. PSD CDD Antenna WF8 (80MHz BW 11ax Index 36 - RU26 - Ch.58)



Plot 7-262. PSD CDD Antenna WF7a (80MHz BW 11ax Index 36 - RU26 - Ch.58)







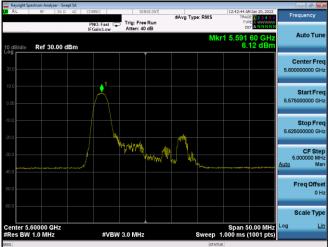
Plot 7-264. PSD CDD Antenna WF7a (80MHz BW 11ax - RU996 - Ch.58)

FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 111 of 240
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Plot 7-265. PSD SDM Antenna WF8 (20MHz BW 11ax Index 0 – RU26 – Ch.116)





Plot 7-267. PSD SDM Antenna WF8 (20MHz BW 11ax Index 4 - RU26 - Ch.116)



Plot 7-268. PSD SDM Antenna WF7a (20MHz BW 11ax Index 4 - RU26 - Ch.116)





Plot 7-270. PSD SDM Antenna WF7a (20MHz BW 11ax Index 8- RU26 - Ch.116)

#VBW 3.0 MHz

Span 50.00 MHz Sweep 1.000 ms (1001 pts)

Lir

og

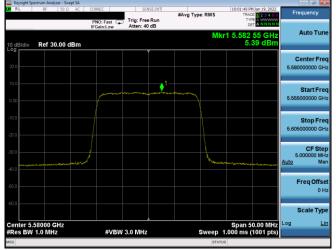
FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 112 of 240
1C2111150078-08.BCG	12/02/2021-2/5/2022	Tablet Device	Page 112 of 249
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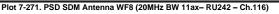
Center 5.60000 GHz Res BW 1.0 MHz

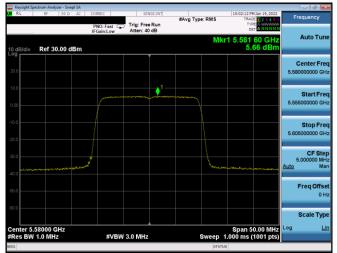
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Plot 7-266. PSD SDM Antenna WF7a (20MHz BW 11ax Index 0 - RU26 - Ch.116)

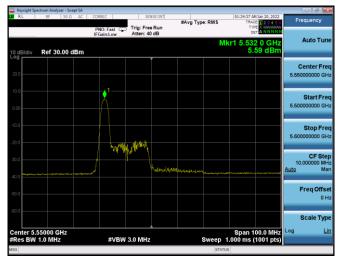




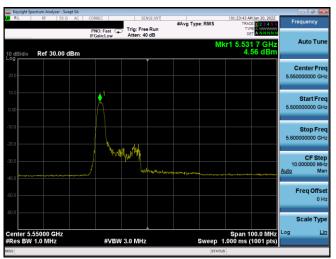




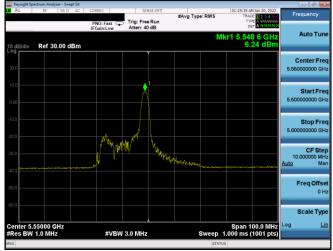
Plot 7-272. PSD SDM Antenna WF7a (20MHz BW 11ax- RU242 - Ch.116)

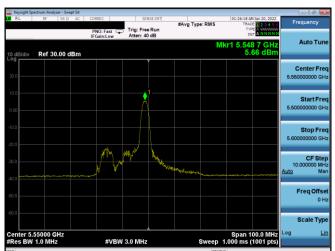


Plot 7-273. PSD SDM Antenna WF8 (40MHz BW 11ax Index 0 - RU26 - Ch.110)



Plot 7-274. PSD SDM Antenna WF7a (40MHz BW 11ax Index 0 - RU26 - Ch.110)





Plot 7-275. PSD SDM Antenna WF8 (40MHz BW 11ax Index 8 - RU26 - Ch.110)

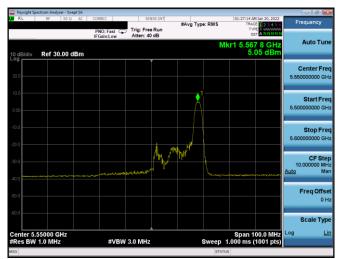
Plot 7-276. PSD SDM Antenna WF7a (40MHz BW 11ax Index 8 – RU26 – Ch.110)

FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 112 of 240
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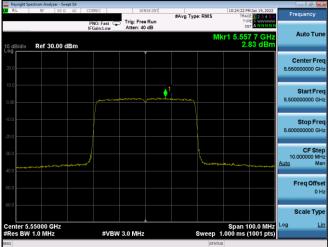




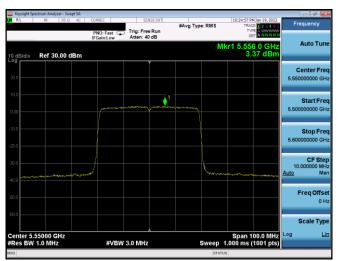
Plot 7-277. PSD SDM Antenna WF8 (40MHz BW 11ax Index 17 - RU26 - Ch.110)



Plot 7-278. PSD SDM Antenna WF7a (40MHz BW 11ax Index 17 - RU26 - Ch.110)



Plot 7-279. PSD CDD Antenna WF8 (40MHz BW 11ax - RU484 - Ch.110)



Plot 7-280. PSD CDD Antenna WF7a (40MHz BW 11ax - RU484 - Ch.110)





Plot 7-281. PSD SDM Antenna WF8 (80MHz BW 11ax Index 0 - RU26 - Ch.122)

Plot 7-282. PSD SDM Antenna WF7a (80MHz BW 11ax Index 0 - RU26 - Ch.122)

FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 114 of 240
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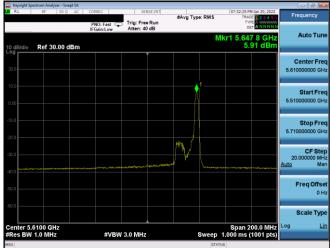




Plot 7-283. PSD SDM Antenna WF8 (80MHz BW 11ax Index 18 - RU26 - Ch.122)



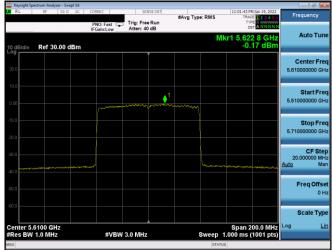
Plot 7-284. PSD SDM Antenna WF7a (80MHz BW 11ax Index 18 - RU26 - Ch.122)

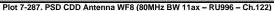


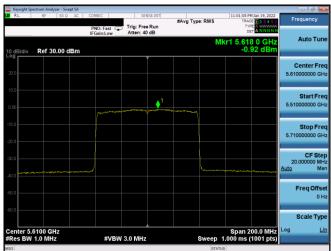
Plot 7-285. PSD SDM Antenna WF8 (80MHz BW 11ax Index 36 - RU26 - Ch.122)



Plot 7-286. PSD SDM Antenna WF7a (80MHz BW 11ax Index 36 - RU26 - Ch.122)







Plot 7-288. PSD CDD Antenna WF7a (80MHz BW 11ax - RU996 - Ch.122)

FCC ID: BCGA2588 IC: 579C-A2588	PCTEST° Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 115 of 240
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	Frequency	Channel	802.11 Mode	Mode	PII Sizo	RU Index	Data Rate [Mbps]	Power Density [dBm/500kHz]		0kHz]	Max Permissible	Margin								
	[MHz]	No.	ouz.m wode	Mode	NO SIZE	KO IIIdex	Data Kate [MDp5]	Antenna WF8	Antenna WF7a	Summed	Power Density [dBm/500kHz]	[dB]								
					26	0	135/143.4 (MCS11)	2.72	2.91	5.82	30.00	-24.18								
	5745	149	ax (20MHz)	CDD	26	4	135/143.4 (MCS11)	3.45	3.08	6.28	30.00	-23.72								
					26	8	135/143.4 (MCS11)	3.25	2.89	6.09	30.00	-23.91								
					26	0	135/143.4 (MCS11)	3.08	2.74	5.92	30.00	-24.08								
	5785	157	ax (20MHz)	CDD	26	4	135/143.4 (MCS11)	3.57	2.99	6.30	30.00	-23.70								
					26	8	135/143.4 (MCS11)	3.37	3.14	6.27	30.00	-23.73								
													26	0	135/143.4 (MCS11)	3.18	3.34	6.27	30.00	-23.73
~	5825	165	ax (20MHz)	CDD	26	4	135/143.4 (MCS11)	3.75	3.68	6.72	30.00	-23.28								
od 3					26	8	135/143.4 (MCS11)	3.27	3.59	6.45	30.00	-23.55								
Band					26	0	135/143.4 (MCS11)	2.70	2.58	5.65	30.00	-24.35								
	5755	151	ax (40MHz)	CDD	26	8	135/143.4 (MCS11)	4.05	3.78	6.92	30.00	-23.08								
						26	17	135/143.4 (MCS11)	3.21	2.94	6.09	30.00	-23.91							
					26	0	135/143.4 (MCS11)	3.47	2.27	5.92	30.00	-24.08								
	5795	159	ax (40MHz)	CDD	26	8	135/143.4 (MCS11)	3.85	3.09	6.50	30.00	-23.50								
					26	17	135/143.4 (MCS11)	2.85	2.80	5.84	30.00	-24.16								
				26	0	135/143.4 (MCS11)	6.38	6.79	9.60	30.00	-20.40									
	5775	155	ax (80MHz)	CDD	26	18	135/143.4 (MCS11)	7.19	7.31	10.26	30.00	-19.74								
					26	36	135/143.4 (MCS11)	7.01	7.29	10.16	30.00	-19.84								

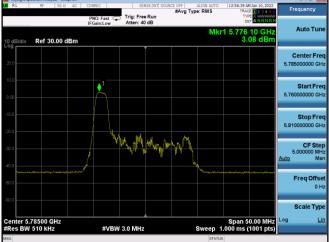
Table 7-78. Band 3 Power Spectral Density Measurements CDD (RU26)

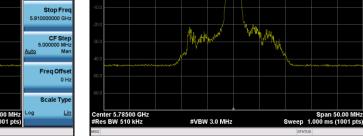
	Frequency	Channel	802.11 Mode	Mode	PU Size	RU Index	Data Rate [Mbps]	Power	Density [dBm/50	0kHz]	Max Permissible	Margin
	[MHz]	No.	ouz.11 woue	Wode	KU SIZE	KU IIIdex		Antenna WF8	Antenna WF7a	Summed	Power Density [dBm/500kHz]	[dB]
	5745	149	ax (20MHz)	CDD	242	61	135/143.4 (MCS11)	4.57	4.40	7.50	30.00	-22.50
	5785	157	ax (20MHz)	CDD	242	61	135/143.4 (MCS11)	4.81	4.68	7.76	30.00	-22.24
d 3	5825	165	ax (20MHz)	CDD	242	61	135/143.4 (MCS11)	4.76	4.72	7.75	30.00	-22.25
Band	5755	151	ax (40MHz)	CDD	484	65	135/143.4 (MCS11)	4.01	4.57	7.31	30.00	-22.69
	5795	159	ax (40MHz)	CDD	484	65	135/143.4 (MCS11)	6.30	5.36	8.87	30.00	-21.13
	5775	155	ax (80MHz)	CDD	996	67	135/143.4 (MCS11)	-3.07	-1.84	0.60	30.00	-29.40

Table 7-79. Band 3 Power Spectral Density Measurements CDD (Fully-loaded RU)

FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dama 440 -4 040	
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Ref 30.00 dBm

PNO: Fast

Trig: Free Run

Plot 7-289. PSD CDD Antenna WF8 (20MHz BW 11ax Index 0 - RU26 - Ch.157)



Plot 7-290. PSD CDD Antenna WF7a (20MHz BW 11ax Index 0 - RU26 - Ch.157)



Plot 7-291. PSD CDD Antenna WF8 (20MHz BW 11ax Index 4 - RU26 - Ch.157)

Plot 7-292. PSD CDD Antenna WF7a (20MHz BW 11ax Index 4 - RU26 - Ch.157)

#Avg Type: RMS

Auto Tu

Center Free

Start Freq

Stop Fre

CF Step 5.000000 Mil

Freq Offs

Scale Type

0 H

Lin

5.810000000 G

E 70

5.76



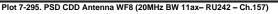


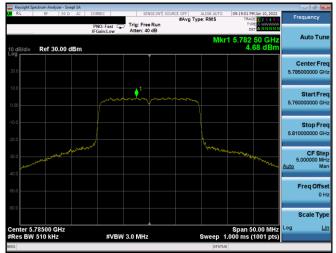
Plot 7-294. PSD CDD Antenna WF7a (20MHz BW 11ax Index 8- RU26 - Ch.157)

FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Degs 117 of 240
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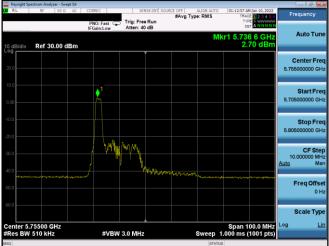




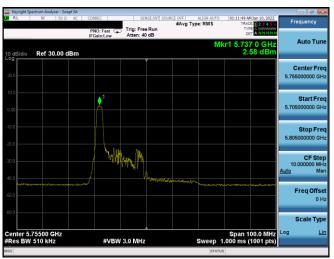




Plot 7-296. PSD CDD Antenna WF7a (20MHz BW 11ax- RU242 - Ch.157)







Plot 7-298. PSD CDD Antenna WF7a (40MHz BW 11ax Index 0 - RU26 - Ch.151)





Plot 7-299. PSD CDD Antenna WF8 (40MHz BW 11ax Index 8 - RU26 - Ch.151)

Plot 7-300. PSD CDD Antenna WF7a (40MHz BW 11ax Index 8 – RU26 – Ch.151)

FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 110 at 010
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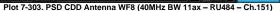




Plot 7-301. PSD CDD Antenna WF8 (40MHz BW 11ax Index 17 - RU26 - Ch.151)









Plot 7-304. PSD CDD Antenna WF7a (40MHz BW 11ax - RU484 - Ch.151)





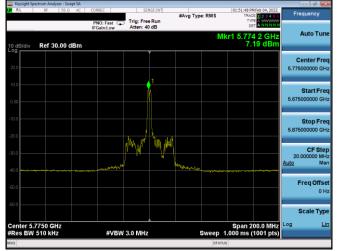
Plot 7-306. PSD CDD Antenna WF7a (80MHz BW 11ax Index 0 - RU26 - Ch.155)

FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Desc. 110 of 010
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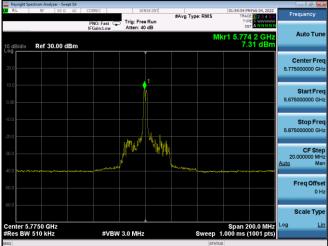
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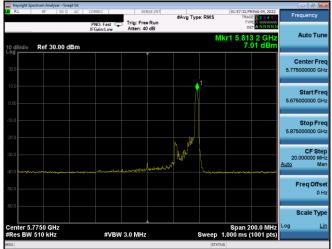
Plot 7-302. PSD CDD Antenna WF7a (40MHz BW 11ax Index 17 - RU26 - Ch.151)





Plot 7-307. PSD CDD Antenna WF8 (80MHz BW 11ax Index 18 - RU26 - Ch.155)



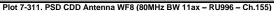


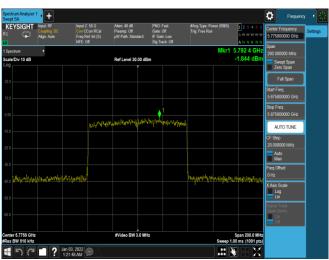
Plot 7-309. PSD CDD Antenna WF8 (80MHz BW 11ax Index 36 - RU26 - Ch.155)



Plot 7-310. PSD CDD Antenna WF7a (80MHz BW 11ax Index 36 - RU26 - Ch.155)







Plot 7-312. PSD CDD Antenna WF7a (80MHz BW 11ax - RU996 - Ch.155)

FCC ID: BCGA2588 IC: 579C-A2588	PCTEST° Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-308. PSD CDD Antenna WF7a (80MHz BW 11ax Index 18 - RU26 - Ch.155)



Frequency [MHz]	Channel No.	802.11 Mode	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]		e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
		ax (20MHz)	SDM	26	0	135/143.4 (MCS11)	1.90	1.60	4.76	3.71	8.47	10.0	-1.53
5180	36			26	4	135/143.4 (MCS11)	0.97	0.97	3.98	3.71	7.69	10.0	-2.31
				26	8	135/143.4 (MCS11)	1.29	1.76	4.54	3.71	8.25	10.0	-1.75
	40	ax (20MHz)	SDM	26	0	135/143.4 (MCS11)	2.49	1.61	5.08	3.71	8.79	10.0	-1.21
5200				26	4	135/143.4 (MCS11)	2.13	1.06	4.64	3.71	8.35	10.0	-1.65
				26	8	135/143.4 (MCS11)	1.74	1.31	4.54	3.71	8.25	10.0	-1.75
	48	ax (20MHz)	SDM	26	0	135/143.4 (MCS11)	1.65	1.48	4.57	3.71	8.29	10.0	-1.71
5240				26	4	135/143.4 (MCS11)	1.10	0.90	4.01	3.71	7.72	10.0	-2.28
				26	8	135/143.4 (MCS11)	0.71	1.66	4.22	3.71	7.93	10.0	-2.07
	38	ax (40MHz)	SDM	26	0	135/143.4 (MCS11)	2.18	0.73	4.53	3.71	8.24	10.0	-1.76
5190				26	8	135/143.4 (MCS11)	2.02	2.57	5.31	3.71	9.02	10.0	-0.98
				26	17	135/143.4 (MCS11)	2.05	1.41	4.75	3.71	8.46	10.0	-1.54
	46	ax (40MHz)	SDM	26	0	135/143.4 (MCS11)	1.43	0.69	4.09	3.71	7.80	10.0	-2.20
5230				26	8	135/143.4 (MCS11)	2.33	1.49	4.94	3.71	8.65	10.0	-1.35
				26	17	135/143.4 (MCS11)	1.51	1.33	4.43	3.71	8.14	10.0	-1.86
		ax (80MHz)	SDM	26	0	135/143.4 (MCS11)	-0.30	-0.50	2.61	3.71	6.32	10.0	-3.68
5210	42			26	18	135/143.4 (MCS11)	0.26	0.88	3.59	3.71	7.30	10.0	-2.70
				26	36	135/143.4 (MCS11)	1.64	0.61	4.17	3.71	7.88	10.0	-2.12
	[MHz] 5180 5200 5240 5190 5230	[MHz] No. 5180 36 5200 40 5240 48 5190 38 5230 46 5210 42	[MHz] No. 602.11 Mode 5180 36 ax (20MHz) 5200 40 ax (20MHz) 5240 48 ax (20MHz) 5190 38 ax (40MHz) 5230 46 ax (40MHz) 5230 46 ax (40MHz) 5210 42 ax (80MHz)	(MHz) No. SUZ 11 Mode Mode 5180 36 ax (20MHz) SDM 5200 40 ax (20MHz) SDM 5240 48 ax (20MHz) SDM 5190 38 ax (20MHz) SDM 5190 38 ax (40MHz) SDM 5230 46 ax (40MHz) SDM 5210 42 ax (80MHz) SDM	(MHz) No. 302.11 mode Mode RC Size 5180 36 ax (20MHz) SDM 26 26 5200 40 ax (20MHz) SDM 26 26 5200 40 ax (20MHz) SDM 26 26 5240 48 ax (20MHz) SDM 26 26 5240 48 ax (20MHz) SDM 26 26 5190 38 ax (40MHz) SDM 26 26 5230 46 ax (40MHz) SDM 26 26 5230 46 ax (40MHz) SDM 26 26 5230 46 ax (40MHz) SDM 26 26 5210 42 ax (80MHz) SDM 26 26 5210 42 ax (80MHz) SDM 26 26	(MHz) No. 602.11 Mode wode KO size KO mdex 5180 36 ax (20MHz) SDM 26 4 5200 40 ax (20MHz) SDM 26 4 5200 40 ax (20MHz) SDM 26 4 5200 40 ax (20MHz) SDM 26 4 5240 48 ax (20MHz) SDM 26 4 526 48 ax (20MHz) SDM 26 4 526 48 ax (20MHz) SDM 26 0 5190 38 ax (40MHz) SDM 26 8 5230 46 ax (40MHz) SDM 26 8 5230 46 ax (40MHz) SDM 26 8 5210 42 ax (80MHz) SDM 26 17 5210 42 ax (80MHz) SDM 26 18	[MHz] No. 302.11 wode wode R0 size R0 size R0 mdex Data Rate [mbps] 5180 36 ax (20MHz) SDM 26 0 135/143.4 (MCS11) 5180 36 ax (20MHz) SDM 26 4 135/143.4 (MCS11) 5200 40 ax (20MHz) SDM 26 4 135/143.4 (MCS11) 5200 40 ax (20MHz) SDM 26 4 135/143.4 (MCS11) 5240 48 ax (20MHz) SDM 26 4 135/143.4 (MCS11) 5240 48 ax (20MHz) SDM 26 135/143.4 (MCS11) 526 48 135/143.4 (MCS11) 26 8 135/143.4 (MCS11) 5190 38 ax (40MHz) SDM 26 8 135/143.4 (MCS11) 5230 46 ax (40MHz) SDM 26 8 135/143.4 (MCS11) 5210 42 ax (80MHz) SDM 26 10 135/143.4 (MCS11)	Frequency [MH] Channel No. 802.11 Mode Mode RU Size RU Index Data Rate [Mbps] Power Density [dbm/ML2] 5180 36 ax (20MHz) SDM 26 0 135/143.4 (MCS11) 1.90 5180 36 ax (20MHz) SDM 26 0 135/143.4 (MCS11) 0.97 5200 40 ax (20MHz) SDM 26 8 135/143.4 (MCS11) 2.49 5200 40 ax (20MHz) SDM 26 0 135/143.4 (MCS11) 2.13 5200 48 ax (20MHz) SDM 26 0 135/143.4 (MCS11) 1.65 5240 48 ax (20MHz) SDM 26 0 135/143.4 (MCS11) 1.65 5240 48 ax (20MHz) SDM 26 0 135/143.4 (MCS11) 1.01 5190 38 ax (40MHz) SDM 26 8 135/143.4 (MCS11) 2.02 5230 46 ax (40MHz) SDM 26 8			Frequency [MHz] Channel No. 802.11 Mode Mode RU Size RU Index Data Rate [Mbps] Power Density [dBm/MHz] Power Density [dBm/MHz] Power Density [dBm/MHz] Density [dBm/MHz] Antenna Gain [dBm/MHz] 5180 36 3ax (20MHz) 5DM 26 0 135/143.4 (MCS1) 0.97 0.97 3.98 3.71 5180 36 ax (20MHz) 5DM 26 0 135/143.4 (MCS1) 0.97 0.97 3.98 3.71 5200 40 ax (20MHz) 5DM 26 0 135/143.4 (MCS1) 2.49 1.61 5.08 3.71 5200 40 ax (20MHz) 5DM 26 0 135/143.4 (MCS1) 2.49 1.61 5.08 3.71 5200 44 ax (20MHz) 5DM 26 0 135/143.4 (MCS1) 1.74 1.31 4.54 3.71 5240 48 ax (20MHz) SDM 26 0 135/143.4 (MCS1) 1.10 0.90 4.61 3.71	Frequency [MHz] No. 802.11 Mode Mode RU Size RU Index Data Rate [Mbps] Power Density [dBm/MHz] Power Density [dBm/MHz] Density [dBm/Mz] Density [dBm/Mz] Density [dBm/mz] Density [dBm/mz] Densi	Frequency (MHz)No.80.11 ModeModeRU SizeRU IndexData Rate (Mbps) (dBm/MHz)Power Density (dBm/MHz)Density (dBm/MHz)Antenna Gain (dBm/MHz)Density (dBm/MHz)5180AActionalActionalActionalActionalDensity (dBm/MHz)Methan GainDensity (dBm/MHz)Density (dBm/MHz)Methan GainDensity (dBm/MHz)Density (dBm/Mz)Density (dBm/Mz)Density (dBm/Mz)Density (dBm/Mz)Density (dBm/Mz)Density (dBm/Mz)Density (dBm/Mz)De

Table 7-80. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM (RU26)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]		ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
	5180	36	ax (20MHz)	SDM	242	61	135/143.4 (MCS11)	-1.17	-1.14	1.86	3.71	5.57	10.0	-4.43
	5200	40	ax (20MHz)	SDM	242	61	135/143.4 (MCS11)	-1.01	-0.76	2.13	3.71	5.84	10.0	-4.16
d.	5240	48	ax (20MHz)	SDM	242	61	135/143.4 (MCS11)	-0.92	-0.33	2.40	3.71	6.11	10.0	-3.89
Ban	5190	38	ax (40MHz)	CDD	484	65	135/143.4 (MCS11)	-2.26	-2.17	0.80	6.72	7.51	10.0	-2.49
	5230	46	ax (40MHz)	SDM	484	65	135/143.4 (MCS11)	-1.03	-0.69	2.15	3.71	5.86	10.0	-4.14
	5210	42	ax (80MHz)	CDD	996	67	135/143.4 (MCS11)	-7.19	-6.73	-3.94	6.72	2.77	10.0	-7.23

Table 7-81. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Fully-loaded RU)

FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 121 of 249
1C2111150078-08.BCG	12/02/2021-2/5/2022	Tablet Device	Page 121 01 249
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