

Plot 7-318. PSD SDM Antenna WF2 (20MHz BW 11ax- RU242 - Ch.116)



Plot 7-316. PSD SDM Antenna WF2 (20MHz BW 11ax Index 40 - RU52 - Ch.116)



Plot 7-319. PSD SDM Antenna WF5T (40MHz BW 11ax Index 37 - RU52 - Ch.110)



Plot 7-317. PSD SDM Antenna WF5T (20MHz BW 11ax-RU242 - Ch.116)

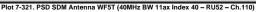


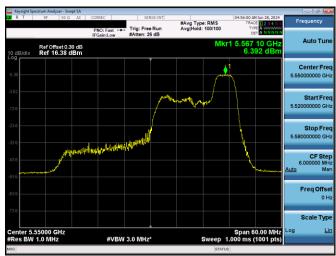
Plot 7-320. PSD SDM Antenna WF2 (40MHz BW 11ax Index 37 - RU52 - Ch.110)

FCC ID: BCGA2993 IC: 579C-A2993	element	element MEASUREMENT REPORT (CERTIFICATION)		
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Plot 7-324. PSD SDM Antenna WF2 (40MHz BW 11ax Index 44 - RU52 - Ch.110)



Plot 7-322. PSD SDM Antenna WF2 (40MHz BW 11ax Index 40 - RU52 - Ch.110)



Plot 7-325. PSD CDD Antenna WF5T (40MHz BW 11ax - RU484 - Ch.110)



Plot 7-323. PSD SDM Antenna WF5T (40MHz BW 11ax Index 44 - RU52 - Ch.110)

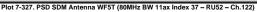


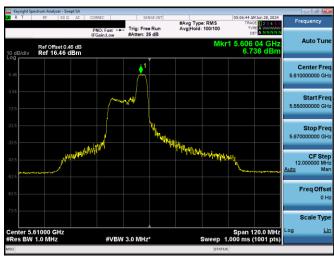
Plot 7-326. PSD CDD Antenna WF2 (40MHz BW 11ax - RU484 - Ch.110)

FCC ID: BCGA2993 IC: 579C-A2993	element	Approved by: Quality Manager	
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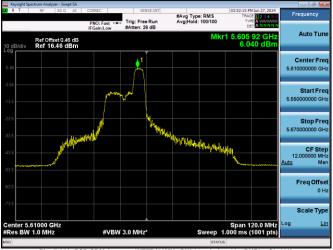


Plot 7-330. PSD SDM Antenna WF2 (80MHz BW 11ax Index 44 - RU52 - Ch.122)

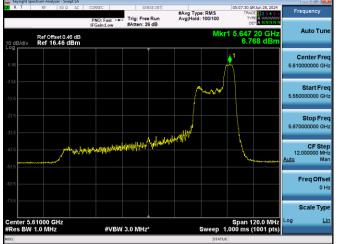




Plot 7-331. PSD SDM Antenna WF5T (80MHz BW 11ax Index 52 - RU52 - Ch.122)



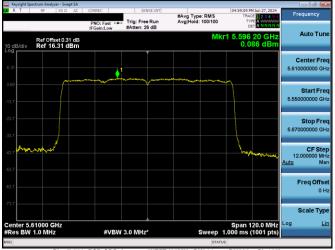
Plot 7-329. PSD SDM Antenna WF5T (80MHz BW 11ax Index 44 - RU52 - Ch.122)



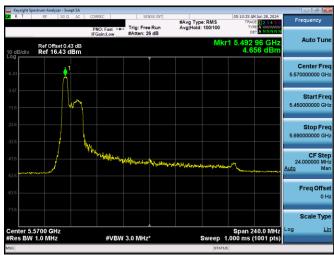
Plot 7-332. PSD SDM Antenna WF2 (80MHz BW 11ax Index 52 - RU52 - Ch.122)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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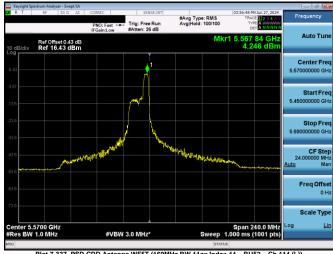




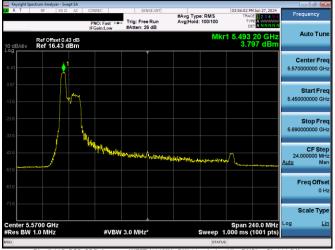
Plot 7-336. PSD CDD Antenna WF2 (160MHz BW 11ax Index 37 - RU52 - Ch.114 (L))



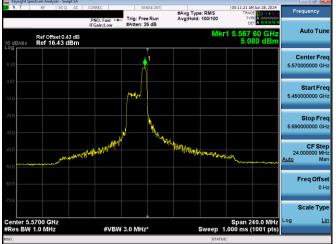
Plot 7-334. PSD CDD Antenna WF2 (80MHz BW 11ax - RU996 - Ch.122)



Plot 7-337. PSD CDD Antenna WF5T (160MHz BW 11ax Index 44 - RU52 - Ch.114 (L))



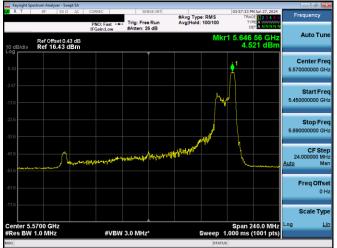
Plot 7-335. PSD CDD Antenna WF5T (160MHz BW 11ax Index 37 - RU52 - Ch.114 (L))



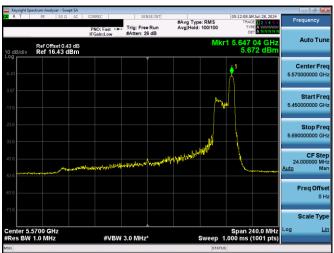
Plot 7-338. PSD CDD Antenna WF2 (160MHz BW 11ax Index 44 - RU52 - Ch.114 (L))

FCC ID: BCGA2993 IC: 579C-A2993	element	element MEASUREMENT REPORT (CERTIFICATION)			
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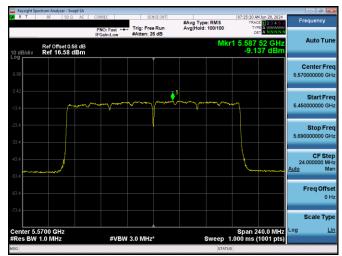




Plot 7-340. PSD CDD Antenna WF2 (160MHz BW 11ax Index 52 - RU52 - Ch.114 (U))



Plot 7-341. PSD CDD Antenna WF5T (160MHz BW 11ax - RU996x2 - Ch.114)



Plot 7-342. PSD CDD Antenna WF2 (160MHz BW 11ax - RU996x2 - Ch.114)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna WF5T Power Density [dBm/500kHz]	Antenna WF2 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]						
					26	0	25/29.4 (MCS11)	6.32	6.66	9.50	30.0	-20.50						
	5745	149	ax (20MHz)	CDD	26	4	25/29.4 (MCS11)	5.75	6.18	8.98	30.0	-21.02						
					26	8	25/29.4 (MCS11)	5.85	6.52	9.21	30.0	-20.79						
					26	0	25/29.4 (MCS11)	6.58	6.19	9.40	30.0	-20.60						
	5785	157	ax (20MHz)	ax (20MHz)	CDD	26	4	25/29.4 (MCS11)	6.22	6.32	9.28	30.0	-20.72					
					26	8	25/29.4 (MCS11)	6.08	6.53	9.32	30.0	-20.68						
			ax (20MHz)		26	0	25/29.4 (MCS11)	6.64	6.56	9.61	30.0	-20.39						
က	5825	165		CDD	26	4	25/29.4 (MCS11)	6.17	6.63	9.42	30.0	-20.58						
ğ					26	8	25/29.4 (MCS11)	6.60	6.62	9.62	30.0	-20.38						
Band											26	0	25/29.4 (MCS11)	6.09	6.22	9.16	30.0	-20.84
_	5755	151	ax (40MHz)	(40MHz) CDD	26	8	25/29.4 (MCS11)	6.02	5.82	8.93	30.0	-21.07						
					26	17	25/29.4 (MCS11)	6.45	6.60	9.53	30.0	-20.47						
	5795		ax (40MHz)		26	0	25/29.4 (MCS11)	5.84	6.58	9.24	30.0	-20.76						
		159		CDD	26	8	25/29.4 (MCS11)	6.26	6.83	9.56	30.0	-20.44						
					26	17	25/29.4 (MCS11)	6.24	6.46	9.36	30.0	-20.64						
			•		26	0	25/29.4 (MCS11)	6.29	6.25	9.28	30.0	-20.72						
	5775	155	ax (80MHz)	CDD	26	18	25/29.4 (MCS11)	5.56	6.55	9.09	30.0	-20.91						
					26	36	25/29.4 (MCS11)	6.40	6.27	9.34	30.0	-20.66						

Table 7-119. Band 3 Power Spectral Density Measurements CDD (RU26)

	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna WF5T Power Density [dBm/500kHz]	Antenna WF2 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	6.54	7.40	10.00	30.0	-20.00
က	5785	157	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	6.84	7.63	10.26	30.0	-19.74
	5825	165	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	6.94	7.38	10.18	30.0	-19.82
Band	5755	151	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	3.65	3.90	6.79	30.0	-23.21
_	5795	159	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	3.89	4.09	7.00	30.0	-23.00
	5775	155	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-3.38	-2.96	-0.15	30.0	-30.15

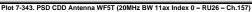
Table 7-120. Band 3 Power Spectral Density Measurements CDD (Fully-loaded RU)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-344. PSD CDD Antenna WF2 (20MHz BW 11ax Index 0 - RU26 - Ch.157)

Plot 7-347. PSD CDD Antenna WF5T (20MHz BW 11ax Index 8 - RU26 - Ch.157)





Plot 7-345. PSD CDD Antenna WF5T (20MHz BW 11ax Index 4 - RU26 - Ch.157)

Plot 7-348. PSD CDD Antenna WF2 (20MHz BW 11ax Index 8 - RU26 - Ch.157)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-352, PSD CDD Antenna WF2 (40MHz BW 11ax Index 0 - RU26 - Ch.151)





Plot 7-353. PSD CDD Antenna WF5T (40MHz BW 11ax Index 8 - RU26 - Ch.151)



Plot 7-351. PSD CDD Antenna WF5T (40MHz BW 11ax Index 0 - RU26 - Ch.151)



Plot 7-354. PSD CDD Antenna WF2 (40MHz BW 11ax Index 8 - RU26 - Ch.151)

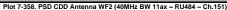
FCC ID: BCGA2993 IC: 579C-A2993	element	element MEASUREMENT REPORT (CERTIFICATION)		
Test Report S/N:	Test Dates:	EUT Type:	Dogo 120 of 274	
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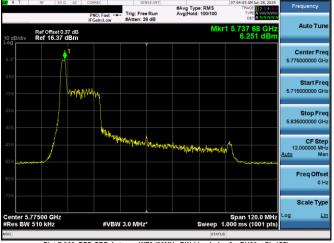






Plot 7-359, PSD CDD Antenna WF5T (80MHz BW 11ax Index 0 - RU26 - Ch.155)





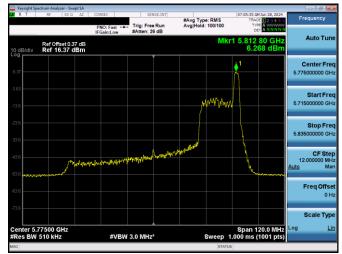
Plot 7-357. PSD CDD Antenna WF5T (40MHz BW 11ax - RU484 - Ch.151)

Plot 7-360. PSD CDD Antenna WF2 (80MHz BW 11ax Index 0 - RU26 - Ch.155)

FCC ID: BCGA2993 IC: 579C-A2993	element	element MEASUREMENT REPORT (CERTIFICATION)			
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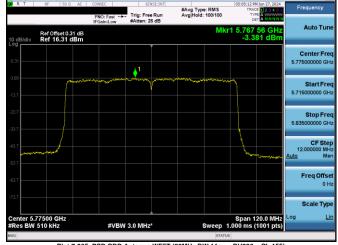




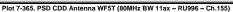




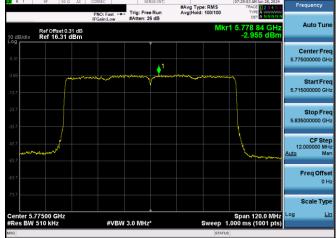




Plot 7-362. PSD CDD Antenna WF2 (80MHz BW 11ax Index 18 - RU26 - Ch.155)







Plot 7-363. PSD CDD Antenna WF5T (80MHz BW 11ax Index 36 - RU26 - Ch.155)

Plot 7-366. PSD CDD Antenna WF2 (80MHz BW 11ax - RU996 - Ch.155)

FCC ID: BCGA2993 IC: 579C-A2993	element	element MEASUREMENT REPORT (CERTIFICATION)		
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	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna WF5T Power Density [dBm/MHz]	Antenna WF2 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]											
					26	0	25/29.4 (MCS11)	-0.27	0.63	3.21	2.91	6.12	10.0	-3.88											
	5180	36	ax (20MHz)	SDM	26	4	25/29.4 (MCS11)	-1.04	-0.09	2.47	2.91	5.38	10.0	-4.62											
					26	8	25/29.4 (MCS11)	-0.02	0.66	3.34	2.91	6.25	10.0	-3.75											
					26	0	25/29.4 (MCS11)	-0.02	0.63	3.33	2.91	6.23	10.0	-3.77											
	5200	40	ax (20MHz)	SDM	26	4	25/29.4 (MCS11)	-0.61	-0.32	2.55	2.91	5.46	10.0	-4.54											
					26	8	25/29.4 (MCS11)	0.12	0.86	3.51	2.91	6.42	10.0	-3.58											
		48	ax (20MHz)	Hz) SDM	26	0	25/29.4 (MCS11)	0.09	0.73	3.43	2.91	6.34	10.0	-3.66											
	5240				26	4	25/29.4 (MCS11)	-0.55	0.21	2.86	2.91	5.76	10.0	-4.24											
_					26	8	25/29.4 (MCS11)	0.05	0.87	3.49	2.91	6.40	10.0	-3.60											
ģ		38	ax (40MHz)	MHz) SDM	26	0	25/29.4 (MCS11)	-0.34	0.53	3.13	2.91	6.04	10.0	-3.96											
Band	5190				26	8	25/29.4 (MCS11)	-0.03	1.01	3.53	2.91	6.44	10.0	-3.56											
_					26	17	25/29.4 (MCS11)	0.00	0.53	3.28	2.91	6.19	10.0	-3.81											
		46														26	0	25/29.4 (MCS11)	-0.01	0.82	3.43	2.91	6.34	10.0	-3.66
	5230		ax (40MHz)	SDM	26	8	25/29.4 (MCS11)	-0.30	0.39	3.07	2.91	5.98	10.0	-4.02											
					26	17	25/29.4 (MCS11)	0.60	0.94	3.79	2.91	6.70	10.0	-3.30											
					26	0	25/29.4 (MCS11)	0.03	0.75	3.41	2.91	6.32	10.0	-3.68											
	5210	42	ax (80MHz)	SDM	26	18	25/29.4 (MCS11)	-0.93	-0.10	2.51	2.91	5.42	10.0	-4.58											
					26	36	25/29.4 (MCS11)	0.16	0.63	3.41	2.91	6.32	10.0	-3.68											
	5250	50 (L)	ax (160MHz)	Hz) SDM	52	37	50/58.8 (MCS11)	0.66	1.47	4.09	2.91	7.00	10.0	-3.00											
	5250	30 (L)	ax (1001VII IZ)	CON	52	52	50/58.8 (MCS11)	0.77	1.36	4.09	2.91	6.99	10.0	-3.01											

Table 7-121. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM (RU26)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna WF5T Power Density [dBm/MHz]	Antenna WF2 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	243.8/286.8 (MCS11)	-0.77	-0.03	2.63	2.91	5.54	10.0	-4.46
	5200	40	ax (20MHz)	SDM	242	61	243.8/286.8 (MCS11)	-0.54	0.02	2.76	2.91	5.67	10.0	-4.33
_	5240	48	ax (20MHz)	SDM	242	61	243.8/286.8 (MCS11)	-0.52	0.11	2.82	2.91	5.72	10.0	-4.28
and	5190	38	ax (40MHz)	SDM	484	65	487.5/573.5 (MCS11)	-1.55	-0.96	1.76	2.91	4.67	10.0	-5.33
ä	5230	46	ax (40MHz)	SDM	484	65	487.5/573.5 (MCS11)	-0.37	-0.24	2.71	2.91	5.61	10.0	-4.39
	5210	42	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-5.33	-5.08	-2.19	5.65	3.45	10.0	-6.55
	5250	50	ax (160MHz)	CDD	996x2	68	2041.6/2402 (MCS11)	-9.18	-8.20	-5.65	5.65	0.00	10.0	-10.00

Table 7-122. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Fully-loaded RU)

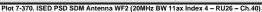
FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-368. ISED PSD SDM Antenna WF2 (20MHz BW 11ax Index 0 - RU26 - Ch.40)

Plot 7-371. ISED PSD SDM Antenna WF5T (20MHz BW 11ax Index 8- RU26 - Ch.40)



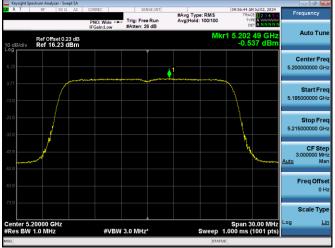


Plot 7-369. ISED PSD SDM Antenna WF5T (20MHz BW 11ax Index 4 - RU26 - Ch.40)

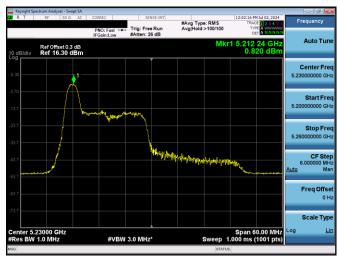
Plot 7-372. ISED PSD SDM Antenna WF2 (20MHz BW 11ax Index 8- RU26 - Ch.40)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-376. ISED PSD SDM Antenna WF2 (40MHz BW 11ax Index 0 - RU26 - Ch.46)



Plot 7-374. ISED PSD SDM Antenna WF2 (20MHz BW 11ax-RU242 - Ch.40)



Plot 7-377. ISED PSD SDM Antenna WF5T (40MHz BW 11ax Index 8 - RU26 - Ch.46)



Plot 7-375. ISED PSD SDM Antenna WF5T (40MHz BW 11ax Index 0 – RU26 – Ch.46)

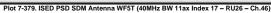


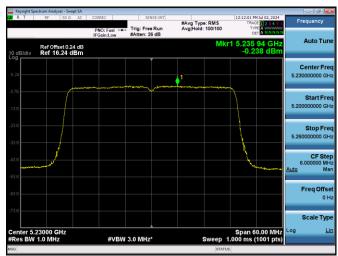
Plot 7-378. ISED PSD SDM Antenna WF2 (40MHz BW 11ax Index 8 - RU26 - Ch.46)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-382, ISED PSD SDM Antenna WF2 (40MHz BW 11ax - RU484 - Ch.46)



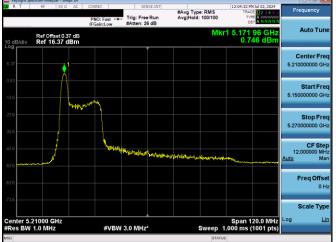
Plot 7-380. ISED PSD SDM Antenna WF2 (40MHz BW 11ax Index 17 - RU26 - Ch.46)



Plot 7-383. ISED PSD SDM Antenna WF5T (80MHz BW 11ax Index 0 - RU26 - Ch.42)



Plot 7-381. ISED PSD SDM Antenna WF5T (40MHz BW 11ax - RU484 - Ch.46)

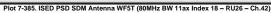


Plot 7-384. ISED PSD SDM Antenna WF2 (80MHz BW 11ax Index 0 - RU26 - Ch.42)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogg 146 of 274	
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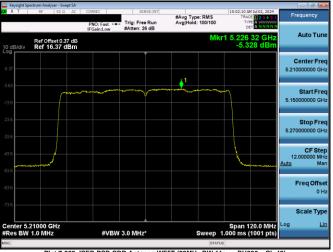




Plot 7-388. ISED PSD SDM Antenna WF2 (80MHz BW 11ax Index 36 - RU26 - Ch.42)



Plot 7-386. ISED PSD SDM Antenna WF2 (80MHz BW 11ax Index 18 - RU26 - Ch.42)



Plot 7-389. ISED PSD CDD Antenna WF5T (80MHz BW 11ax - RU996 - Ch.42)



Plot 7-387. ISED PSD SDM Antenna WF5T (80MHz BW 11ax Index 36 - RU26 - Ch.42)



Plot 7-390. ISED PSD CDD Antenna WF2 (80MHz BW 11ax - RU996 - Ch.42)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 147 of 274
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