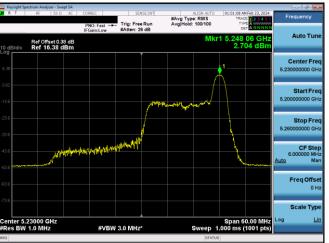




Plot 7-506. ISED PSD SDM Primary Antenna WF5B (40MHz BW 11ax Index 17 - RU26 - Ch.46)





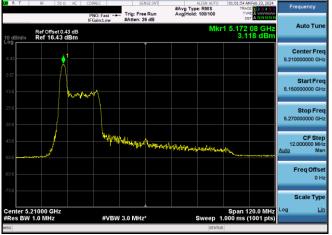
Plot 7-507. ISED PSD SDM Primary Antenna WF8 (40MHz BW 11ax Index 17 - RU26 - Ch.46)



Plot 7-510. ISED PSD SDM Primary Antenna WF5B (80MHz BW 11ax Index 0 - RU26 - Ch.42)



Plot 7-508. ISED PSD CDD Primary Antenna WF5B (40MHz BW 11ax - RU484 - Ch.46)



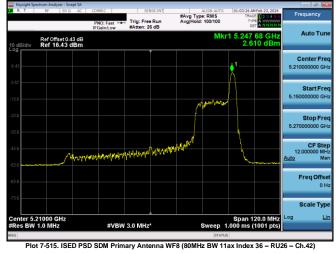
Plot 7-511. ISED PSD SDM Primary Antenna WF8 (80MHz BW 11ax Index 0 - RU26 - Ch.42)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 202 of 452
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Plot 7-512. ISED PSD SDM Primary Antenna WF5B (80MHz BW 11ax Index 18 - RU26 - Ch.42)





Plot 7-513. ISED PSD SDM Primary Antenna WF8 (80MHz BW 11ax Index 18 - RU26 - Ch.42



Plot 7-516. ISED PSD CDD Primary Antenna WF5B (80MHz BW 11ax - RU996 - Ch.42)



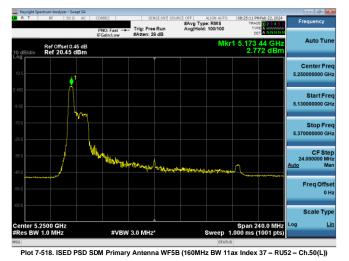
Plot 7-514. ISED PSD SDM Primary Antenna WF5B (80MHz BW 11ax Index 36 - RU26 - Ch.42)



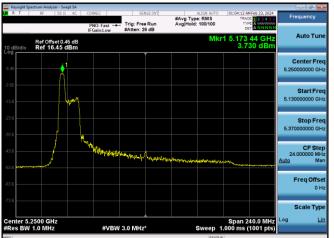
Plot 7-517. ISED PSD CDD Primary Antenna WF8 (80MHz BW 11ax - RU996 - Ch.42)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 202 of 452
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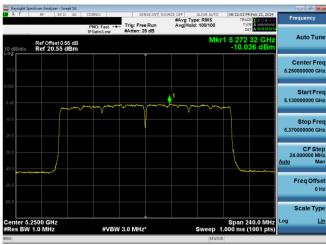








Plot 7-519. ISED PSD SDM Primary Antenna WF8 (160MHz BW 11ax Index 37 - RU52 - Ch.50(L))





Plot 7-522. ISED PSD CDD Primary Antenna WF5B (160MHz BW 11ax – RU996x2 – Ch.50)

Trig: Free Rur

Ref Offset 0.55 dB Ref 16.55 dBm



Plot 7-523. ISED PSD CDD Primary Antenna WF8 (160MHz BW 11ax - RU996x2 - Ch.50)

Plot 7-520. ISED PSD SDM Primary Anten	na WF5B (160MHz BW	11ax Index 52 - RU52 - Ch.50(L))

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 204 of 452
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Summed CDD/SDM Diversity Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]	
					26	0	25/29.4 (MCS11)	6.21	6.33	9.28	11.0	-4.67	
	5180	36	ax (20MHz)	CDD	26	4	25/29.4 (MCS11)	5.40	5.54	8.48	11.0	-5.46	
					26	8	25/29.4 (MCS11)	6.49	7.01	9.77	11.0	-3.99	
					26	0	25/29.4 (MCS11)	6.40	6.43	9.42	11.0	-4.57	
	5200	40	ax (20MHz)	CDD	26	4	25/29.4 (MCS11)	5.43	5.76	8.61	11.0	-5.24	
					26	8	25/29.4 (MCS11)	6.29	6.73	9.52	11.0	-4.28	
			ax (20MHz)		26	0	25/29.4 (MCS11)	6.07	6.46	9.28	11.0	-4.54	
-	5240	48		ax (20MHz)	ax (20MHz)	CDD	26	4	25/29.4 (MCS11)	5.15	5.47	8.33	11.0
<u>5</u>					26	8	25/29.4 (MCS11)	6.21	6.71	9.48	11.0	-4.29	
Band			ax (40MHz)			26	0	25/29.4 (MCS11)	6.43	6.75	9.60	11.0	-4.25
_	5190	38		CDD	26	8	25/29.4 (MCS11)	6.72	6.28	9.51	11.0	-4.73	
					26	17	25/29.4 (MCS11)	5.98	6.74	9.39	11.0	-4.26	
					26	0	25/29.4 (MCS11)	6.02	6.82	9.45	11.0	-4.18	
	5230	46	ax (40MHz)	CDD	26	8	25/29.4 (MCS11)	6.18	6.49	9.35	11.0	-4.52	
				26	17	25/29.4 (MCS11)	5.92	6.55	9.26	11.0	-4.45		
					26	0	25/29.4 (MCS11)	6.66	6.45	9.56	11.0	-4.55	
	5210	42	42 ax (80MHz)	CDD	26	18	25/29.4 (MCS11)	5.60	5.49	8.56	11.0	-5.51	
					26	36	25/29.4 (MCS11)	6.13	6.52	9.34	11.0	-4.48	

Table 7-195. Bands 1 Power Spectral Density Measurements CDD Diversity (RU26)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 205 of 452
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	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]									
D of		50 (L)			52	37	50/58.8 (MCS11)	5.07	5.41	8.25	11.0	-5.59									
Band 1/2A	5250	50 (L)	ax (160MHz)	CDD	52	52	50/58.8 (MCS11)	4.60	4.96	7.79	11.0	-6.04									
ш -		50 (U)			52	52	50/58.8 (MCS11)	4.38	4.78	7.59	11.0	-6.22									
				52	37	50/58.8 (MCS11)	6.56	6.86	9.72	11.0	-4.14										
	5260	52	ax (20MHz)	CDD	52	38	50/58.8 (MCS11)	6.73	6.57	9.66	11.0	-4.43									
	5200 60 av/20MHz) CDD		52	40	50/58.8 (MCS11)	6.14	6.68	9.43	11.0	-4.33											
					52	37	50/58.8 (MCS11)	6.88	7.30	10.10	11.0	-3.70									
	5300	60	ax (20MHz)	CDD	52	38	50/58.8 (MCS11)	6.87	7.34	10.12	11.0	-3.67									
					52	40	50/58.8 (MCS11)	6.32	6.62	9.48	11.0	-4.38									
					52	37	50/58.8 (MCS11)	6.82	6.77	9.80	11.0	-4.23									
≼.	5320	64	ax (20MHz)	CDD	52	38	50/58.8 (MCS11)	6.70	6.73	9.72	11.0	-4.27									
Band 2A					52	40	50/58.8 (MCS11)	6.53	6.97	9.77	11.0	-4.03									
3ar					52	37	50/58.8 (MCS11)	6.33	6.37	9.36	11.0	-4.63									
_	5270	54	ax (40MHz)	CDD	52	40	50/58.8 (MCS11)	6.38	6.51	9.45	11.0	-4.49									
					52	44	50/58.8 (MCS11)	6.11	6.98	9.58	11.0	-4.02									
					52	37	50/58.8 (MCS11)	6.65	7.04	9.86	11.0	-3.96									
	5310	62	ax (40MHz)	CDD	52	40	50/58.8 (MCS11)	6.31	6.67	9.50	11.0	-4.33									
					52	44	50/58.8 (MCS11)	6.43	6.68	9.57	11.0	-4.32									
					52	37	50/58.8 (MCS11)	6.19	7.03	9.64	11.0	-3.97									
	5290	58	68 ax (80MHz)	ax (80MHz)	ax (80MHz)	ax (80MHz)	ax (80MHz)	ax (80MHz)	ax (80MHz)	ax (80MHz)	ax (80MHz)	ax (80MHz)	CDD	52	44	50/58.8 (MCS11)	6.71	6.41	9.57	11.0	-4.59
											52	52	50/58.8 (MCS11)	6.44	6.88	9.67	11.0	-4.12			
			ax (20MHz)			52	37	50/58.8 (MCS11)	7.17	7.20	10.20	11.0	-3.80								
	5500	100		CDD	52	38	50/58.8 (MCS11)	6.71	7.13	9.93	11.0	-3.87									
					52	40	50/58.8 (MCS11)	6.73	6.72	9.74	11.0	-4.28									
					52	37	50/58.8 (MCS11)	6.89	6.62	9.77	11.0	-4.38									
	5580	116	ax (20MHz)	ax (20MHz) CDD	52	38	50/58.8 (MCS11)	6.73	6.64	9.69	11.0	-4.36									
					52	40	50/58.8 (MCS11)	6.95	6.64	9.81	11.0	-4.36									
					52	37	50/58.8 (MCS11)	6.51	6.92	9.73	11.0	-4.08									
	5720	144	ax (20MHz)	CDD	52	38	50/58.8 (MCS11)	6.50	7.31	9.93	11.0	-3.69									
					52	40	50/58.8 (MCS11)	6.60	7.07	9.85	11.0	-3.93									
					52	37	50/58.8 (MCS11)	6.66	6.72	9.70	11.0	-4.28									
	5510	102	ax (40MHz)	CDD	52	40	50/58.8 (MCS11)	6.63	6.31	9.48	11.0	-4.69									
					52	44	50/58.8 (MCS11)	6.25	6.90	9.60	11.0	-4.10									
					52	37	50/58.8 (MCS11)	6.65	6.61	9.64	11.0	-4.39									
ပ	5550	110	ax (40MHz)	CDD	52	40	50/58.8 (MCS11)	6.38	7.02	9.72	11.0	-3.98									
9					52	44	50/58.8 (MCS11)	6.50	6.56	9.54	11.0	-4.44									
Band 2C					52	37	50/58.8 (MCS11)	6.60	7.56	10.12	11.0	-3.44									
ш	5710	142	ax (40MHz)	CDD	52	40	50/58.8 (MCS11)	5.93	6.62	9.30	11.0	-4.38									
					52	44	50/58.8 (MCS11)	6.27	6.82	9.56	11.0	-4.18									
					52	37	50/58.8 (MCS11)	6.41	6.67	9.55	11.0	-4.33									
	5530	106	ax (80MHz)	CDD	52	44	50/58.8 (MCS11)	6.42	6.56	9.50	11.0	-4.44									
			` ′		52	52	50/58.8 (MCS11)	7.01	6.70	9.87	11.0	-4.30									
					52	37	50/58.8 (MCS11)	7.03	6.77	9.91	11.0	-4.23									
	5610*	122	ax (80MHz)	CDD	52	44	50/58.8 (MCS11)	6.53	6.70	9.63	11.0	-4.30									
			-		52	52	50/58.8 (MCS11)	6.44	6.55	9.50	11.0	-4.45									
					52	37	50/58.8 (MCS11)	6.64	7.00	9.83	11.0	-4.01									
	5690	138	ax (80MHz)	CDD	52	44	50/58.8 (MCS11)	6.58	6.73	9.67	11.0	-4.27									
					52	52	50/58.8 (MCS11)	6.50	7.03	9.78	11.0	-3.98									
		444 (1)			52	37	50/58.8 (MCS11)	5.18	5.40	8.30	11.0	-5.60									
	5570*	114 (L)	ax (160MHz)	CDD	52	52	50/58.8 (MCS11)	4.72	5.55	8.16	11.0	-5.45									
		114 (U)	,		52	52	50/58.8 (MCS11)	5.43	5.28	8.36	11.0	-5.73									

Table 7-196. Bands 2A, 2C Power Spectral Density Measurements CDD Diversity (RU52)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 206 of 453
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^{*}TDWR channel is not supported for ISED (denoted by a * next to the frequency)



	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
	5180	36	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	4.18	4.56	7.38	11.0	-6.44
	5200	40	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.90	6.01	8.96	11.0	-4.99
<u>5</u>	5240	48	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.71	6.06	8.90	11.0	-4.95
Band	5190	38	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-1.89	-2.00	1.06	11.0	-13.00
_	5230	46	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	5.01	5.45	8.24	11.0	-5.55
	5210	42	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-5.31	-5.03	-2.16	11.0	-16.03
1/2A	5250	50	ax (160MHz)	CDD	996x2	68	2041.6/2402 (MCS11)	-10.17	-9.40	-6.76	11.0	-20.40
	5260	52	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.68	6.32	9.02	11.0	-4.68
∢	5300	60	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	6.05	6.15	9.11	11.0	-4.86
d 2,	5320	64	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.17	5.52	8.36	11.0	-5.48
Band 2A	5270	54	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	4.94	4.60	7.79	11.0	-6.40
ш	5310	62	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-1.41	-0.90	1.86	11.0	-11.90
	5290	58	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-3.35	-3.56	-0.44	11.0	-14.56
	5500	100	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	3.67	4.10	6.90	11.0	-6.90
	5580	116	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	6.03	6.39	9.22	11.0	-4.61
	5720	144	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	6.08	6.26	9.18	11.0	-4.74
O	5510	102	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-1.74	-1.51	1.39	11.0	-12.51
d 2C	5550	110	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	3.61	3.44	6.53	11.0	-7.56
Band	5710	142	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	5.23	5.55	8.40	11.0	-5.45
ш	5530	106	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-4.22	-4.05	-1.12	11.0	-15.05
	5610*	122	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-1.18	-1.30	1.77	11.0	-12.30
	5690	138	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	3.22	2.50	5.88	11.0	-8.51
	5570*	114	ax (160MHz)	CDD	996x2	68	2041.6/2402 (MCS11)	-8.89	-9.46	-6.16	11.0	-20.46

Table 7-197. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Diversity (Fully-loaded RU)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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^{*}TDWR channel is not supported for ISED (denoted by a * next to the frequency)











Plot 7-525. PSD CDD Diversity Antenna WF7 (20MHz BW 11ax Index 0 - RU26 - Ch.40)



Plot 7-528. PSD CDD Diversity Antenna WF8 (20MHz BW 11ax Index 8- RU26 - Ch.40)



Plot 7-526. PSD CDD Diversity Antenna WF8 (20MHz BW 11ax Index 4 - RU26 - Ch.40)

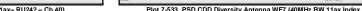


Plot 7-529, PSD CDD Diversity Antenna WF7 (20MHz BW 11ax Index 8- RU26 - Ch.40)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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enter 5.23000 GHz Res BW 1.0 MHz

Ref Offset 0.38 dB Ref 16.38 dBm



Plot 7-531. PSD CDD Diversity Antenna WF7 (20MHz BW 11ax- RU242 - Ch.40)



Plot 7-532. PSD CDD Diversity Antenna WF8 (40MHz BW 11ax Index 0 - RU26 - Ch.46)



#Avg Type: RMS Avg|Hold: 100/100

Stop Fre

Scale Type

Plot 7-534. PSD CDD Diversity Antenna WF8 (40MHz BW 11ax Index 8 - RU26 - Ch.46)

#VBW 3.0 MHz*

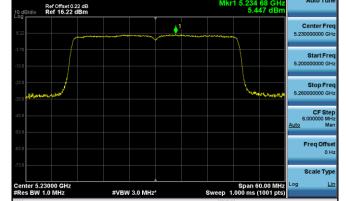


Plot 7-535. PSD CDD Diversity Antenna WF7 (40MHz BW 11ax Index 8 - RU26 - Ch.46)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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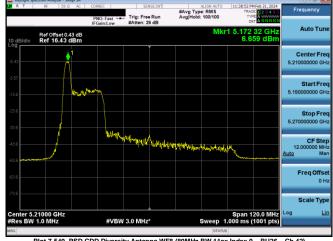
PNO: Fast --- Trig: Free Run

#Avg Type: RMS AvgiHold: 100/100





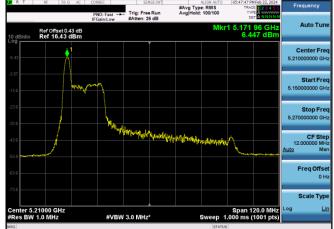




Plot 7-537. PSD CDD Diversity Antenna WF7 (40MHz BW 11ax Index 17 - RU26 - Ch.46)

Plot 7-540. PSD CDD Diversity Antenna WF8 (80MHz BW 11ax Index 0 - RU26 - Ch.42)





Plot 7-538. PSD CDD Diversity Antenna WF8 (40MHz BW 11ax - RU484 - Ch.46)

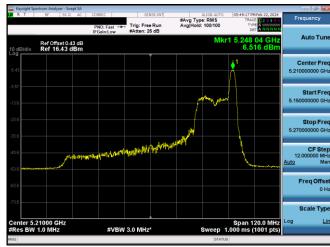
Plot 7-541. PSD CDD Diversity Antenna WF7 (80MHz BW 11ax Index 0 - RU26 - Ch.42)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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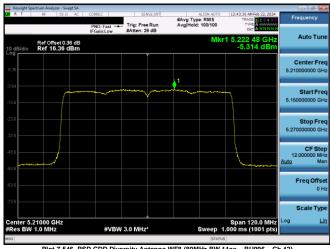




Plot 7-545. PSD CDD Diversity Antenna WF7 (80MHz BW 11ax Index 36 - RU26 - Ch.42)



Plot 7-543. PSD CDD Diversity Antenna WF7 (80MHz BW 11ax Index 18 - RU26 - Ch.42)



Plot 7-546. PSD CDD Diversity Antenna WF8 (80MHz BW 11ax - RU996 - Ch.42)

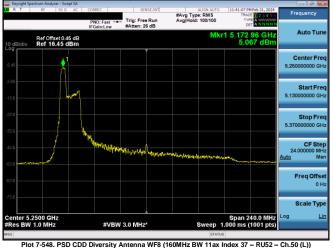


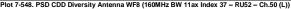


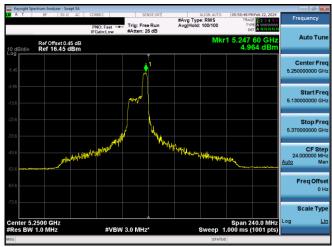
Plot 7-547. PSD CDD Diversity Antenna WF7 (80MHz BW 11ax - RU996 - Ch.42)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 244 of 452
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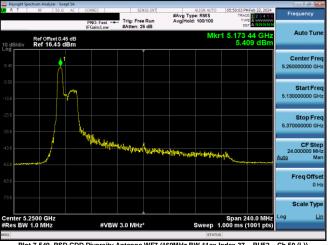




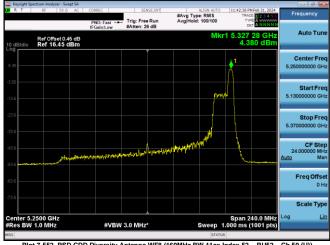




Plot 7-551. PSD CDD Diversity Antenna WF7 (160MHz BW 11ax Index 52 - RU52 - Ch.50 (L))



Plot 7-549. PSD CDD Diversity Antenna WF7 (160MHz BW 11ax Index 37 - RU52 - Ch.50 (L))



Plot 7-552. PSD CDD Diversity Antenna WF8 (160MHz BW 11ax Index 52 - RU52 - Ch.50 (U))



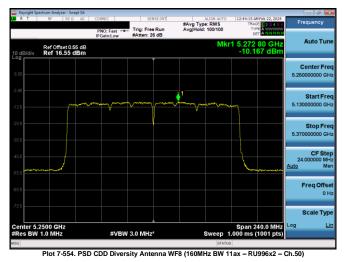
Plot 7-550. PSD CDD Diversity Antenna WF8 (160MHz BW 11ax Index 52 - RU52 - Ch.50 (L))



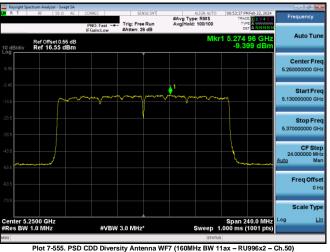
Plot 7-553. PSD CDD Diversity Antenna WF7 (160MHz BW 11ax Index 52 - RU52 - Ch.50 (U))

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 242 of 452
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Plot 7-556. PSD CDD Diversity Antenna WF8 (20MHz BW 11ax Index 37 - RU52 - Ch.60)

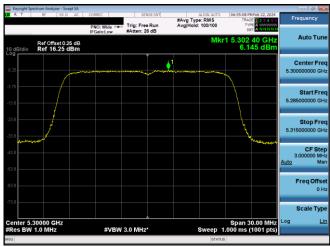
Plot 7-559. PSD CDD Diversity Antenna WF7 (20MHz BW 11ax Index 38 - RU52 - Ch.60)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Done 242 of 452
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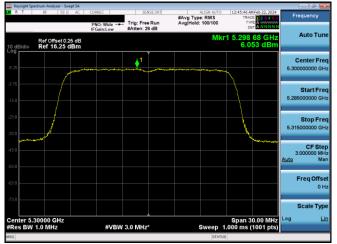
Plot 7-563. PSD CDD Diversity Antenna WF7 (20MHz BW 11ax- RU242 - Ch.60)



Plot 7-561. PSD CDD Diversity Antenna WF7 (20MHz BW 11ax Index 40 - RU52 - Ch.60)



Plot 7-564. PSD CDD Diversity Antenna WF8 (40MHz BW 11ax Index 37 - RU52 - Ch.54)



Plot 7-562. PSD CDD Diversity Antenna WF8 (20MHz BW 11ax-RU242 - Ch.60)



Plot 7-565. PSD CDD Diversity Antenna WF7 (40MHz BW 11ax Index 37 - RU52 - Ch.54)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 244 of 452
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