



Plot 7-787. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ac - Ch. 50, MCS2)



Plot 7-790. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11ax(SU) - Ch. 60,



MCS2)



Plot 7-791. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11n - Ch. 54, MCS10)



Plot 7-789. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11n - Ch. 60, MCS10)



Plot 7-792. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11ax(SU) - Ch. 54, MCS2)

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Plot 7-793. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ac - Ch. 58, MCS2)



Plot 7-796. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11ax(SU) - Ch. 116,



MCS2)



Plot 7-797. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11n - Ch. 110, MCS10)



Plot 7-795. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11n - Ch. 116, MCS10)



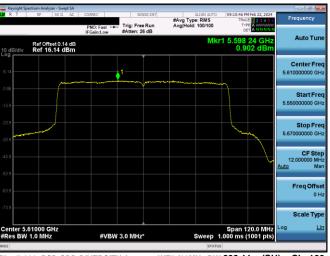
Plot 7-798. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11ax(SU) - Ch. 110, MCS2)

FCC ID: BCGA2925 IC: 579C-A2925	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager	
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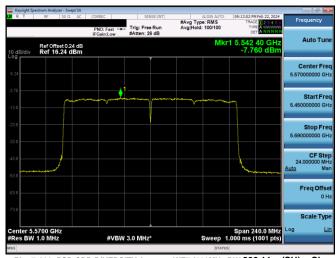
Plot 7-799. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ac - Ch. 122, MCS2)



Plot 7-800. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ax(SU) - Ch. 122, MCS2)



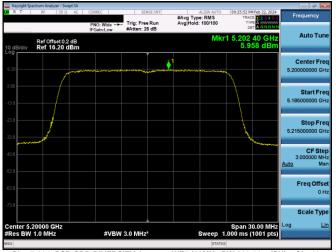
Plot 7-801. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ac - Ch. 114, MCS2)



Plot 7-802. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)



Plot 7-803. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11n - Ch. 40, MCS12)



Plot 7-804. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11ax(SU) - Ch. 40,

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Plot 7-805. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11n - Ch. 46, MCS12)



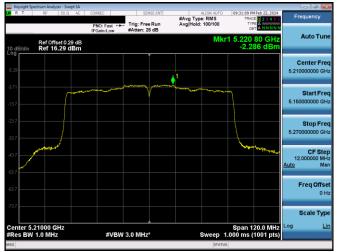
Plot 7-808. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ax(SU) - Ch. 42, MCS4)



MCS4)



Plot 7-809. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ac - Ch. 50, MCS4)



Plot 7-807. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ac - Ch. 42, MCS4)



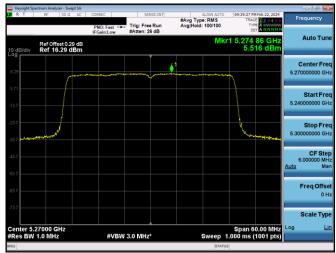
Plot 7-810. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ax(SU) - Ch. 50, MCS4)

FCC ID: BCGA2925 IC: 579C-A2925	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager	
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Plot 7-811. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11n - Ch. 60, MCS12)



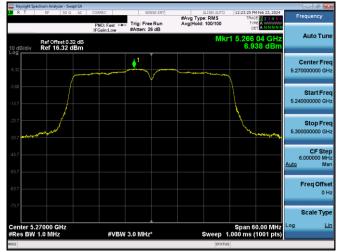
Plot 7-814. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11ax(SU) - Ch. 54,



MCS4)



Plot 7-815. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ac - Ch. 58, MCS4)



Plot 7-813. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11n - Ch. 54, MCS12)



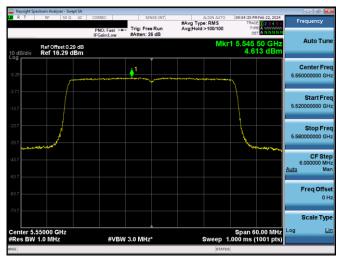
Plot 7-816. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ax(SU) - Ch. 58, MCS4)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-817. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11n - Ch. 116, MCS12)



Plot 7-820. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11ax(SU) - Ch. 110, MCS4)

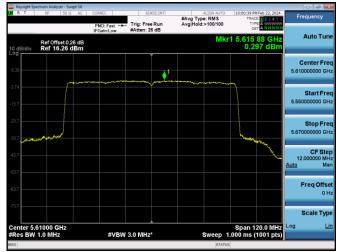




Plot 7-821. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ac - Ch. 122, MCS4)



Plot 7-819. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11n - Ch. 110, MCS12)



Plot 7-822. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ax(SU) - Ch. 122, MCS4)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
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Plot 7-823. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ac - Ch. 114, MCS4)





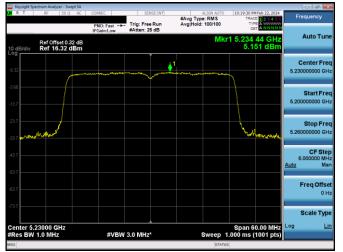
Plot 7-824. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ax(SU) - Ch. 114,



Plot 7-827. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11n - Ch. 46, MCS15)



Plot 7-825. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11n - Ch. 40, MCS15)



Plot 7-828. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11ax(SU) - Ch. 46, MCS11)

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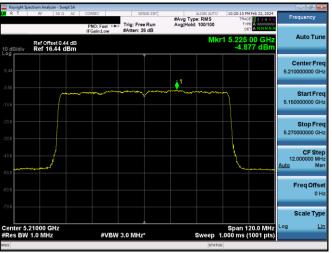




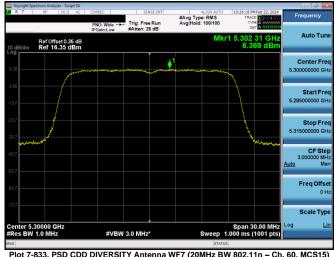
Plot 7-829. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ac - Ch. 42, MCS9)



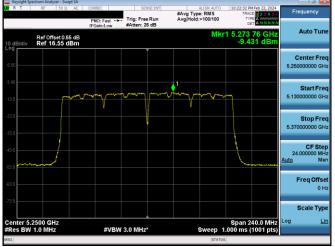
Plot 7-832. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ax(SU) - Ch. 50, MCS11)



Plot 7-830. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ax(SU) - Ch. 42, MCS11)



Plot 7-833. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11n - Ch. 60, MCS15)



Plot 7-831. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ac - Ch. 50, MCS9)



Plot 7-834. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11ax(SU) - Ch. 60, MCS11)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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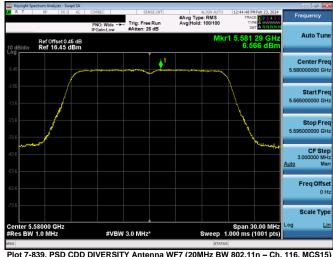
Plot 7-835. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11n - Ch. 54, MCS15)



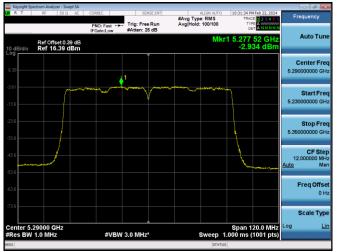
Plot 7-838. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ax(SU) - Ch. 58, MCS11)



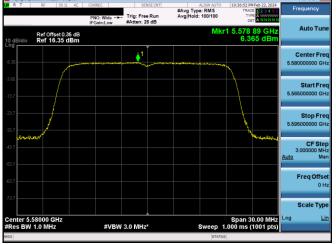
Plot 7-836. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11ax(SU) - Ch. 54, MCS11)



Plot 7-839. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11n - Ch. 116, MCS15)



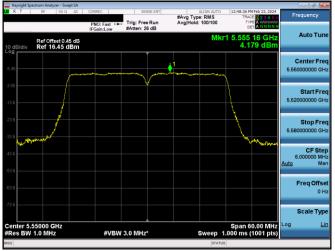
Plot 7-837. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ac - Ch. 58, MCS9)



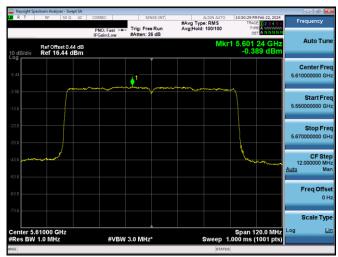
Plot 7-840. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11ax(SU) - Ch. 116,

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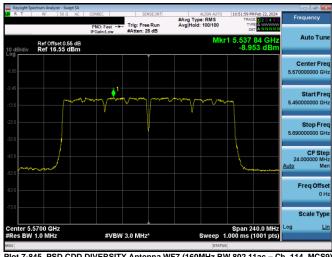
Plot 7-841. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11n - Ch. 110, MCS15)



Plot 7-844. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ax(SU) - Ch. 122, MCS11)



Plot 7-842. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11ax(SU) - Ch. 110, MCS11)



Plot 7-845. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ac - Ch. 114, MCS9)



Plot 7-843. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ac - Ch. 122, MCS9)



Plot 7-846. PSD CDD DIVERSITY Antenna WF7 (160MHz BW 802.11ax(SU) - Ch. 114, MCS11)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant WF8 Power Density [dBm/500kHz]	Ant WF7 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density	Margin [dB]
	5745	149	n (20MHz)	CDD	39/43.3 (MCS10)	7.41	7.07	10.25	30.0	-19.75
	5785	157	n (20MHz)	CDD	39/43.3 (MCS10)	7.57	7.32	10.46	30.0	-19.54
	5825	165	n (20MHz)	CDD	39/43.3 (MCS10)	7.50	7.34	10.43	30.0	-19.57
	5745	149	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.20	5.84	9.04	30.0	-20.96
_	5785	157	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.21	6.22	9.23	30.0	-20.77
93	5825	165	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.21	6.06	9.14	30.0	-20.86
Band	5755	151	n (40MHz)	CDD	81/60 (MCS10)	4.76	4.21	7.50	30.0	-22.50
_	5795	159	n (40MHz)	CDD	81/60 (MCS10)	4.64	4.24	7.45	30.0	-22.55
	5755	151	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.35	3.05	6.21	30.0	-23.79
	5795	159	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.38	3.14	6.27	30.0	-23.73
	5775	155	ac (80MHz)	CDD	175.5/195 (MCS2)	0.69	0.79	3.75	30.0	-26.25
	5775	155	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-1.53	-1.70	1.40	30.0	-28.60

Table 7-239. Band 3 Power Spectral Density Measurements CDD DIVERSITY (Low Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant WF8 Power Density [dBm/500kHz]	Ant WF7 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	n (20MHz)	CDD	78/86.7 (MCS12)	7.55	6.95	10.27	30.0	-19.73
	5785	157	n (20MHz)	CDD	78/86.7 (MCS12)	7.61	7.36	10.50	30.0	-19.50
	5825	165	n (20MHz)	CDD	78/86.7 (MCS12)	7.64	7.59	10.62	30.0	-19.38
	5745	149	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.32	6.05	9.20	30.0	-20.80
က	5785	157	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.40	6.37	9.39	30.0	-20.61
	5825	165	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.54	6.18	9.37	30.0	-20.63
Band	5755	151	n (40MHz)	CDD	162/180 (MCS12)	4.92	4.50	7.72	30.0	-22.28
_	5795	159	n (40MHz)	CDD	162/180 (MCS12)	5.18	4.60	7.91	30.0	-22.09
	5755	151	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	3.89	3.16	6.55	30.0	-23.45
	5795	159	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	3.60	3.37	6.49	30.0	-23.51
	5775	155	ac (80MHz)	CDD	351/390 (MCS4)	0.37	0.64	3.51	30.0	-26.49
	5775	155	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-2.48	-2.68	0.43	30.0	-29.57

Table 7-240. Band 3 Power Spectral Density Measurements CDD DIVERSITY (Mid Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant WF8 Power Density [dBm/500kHz]	Ant WF7 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	130/144.4 (MCS15)	6.55	6.03	9.31	30.0	-20.69
	5785	157	n (20MHz)	CDD	130/144.4 (MCS15)	6.87	6.21	9.56	30.0	-20.44
	5825	165	n (20MHz)	CDD	130/144.4 (MCS15)	6.76	6.40	9.59	30.0	-20.41
	5745	149	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	6.45	6.44	9.46	30.0	-20.54
	5785	157	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	6.44	6.49	9.48	30.0	-20.52
	5825	165	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	6.28	6.42	9.36	30.0	-20.64
	5755	151	n (40MHz)	CDD	270/300 (MCS15)	3.57	2.96	6.29	30.0	-23.71
	5795	159	n (40MHz)	CDD	270/300 (MCS15)	3.60	3.33	6.48	30.0	-23.52
	5755	151	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	3.33	3.13	6.24	30.0	-23.76
	5795	159	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	3.61	3.53	6.58	30.0	-23.42
	5775	155	ac (80MHz)	CDD	780/866.7 (MCS9)	-0.77	-1.01	2.12	30.0	-27.88
	5775	155	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-2.21	-2.25	0.78	30.0	-29.22

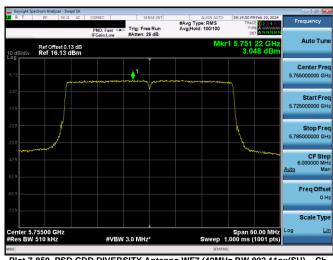
Table 7-241. Band 3 Power Spectral Density Measurements CDD DIVERSITY (High Data Rate)

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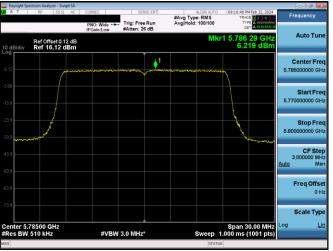




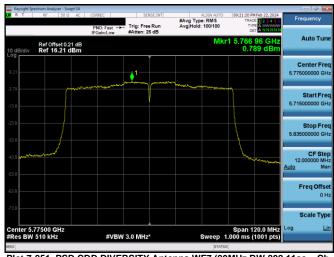
Plot 7-847. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11n - Ch. 157, MCS10)



Plot 7-850. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



Plot 7-848. PSD CDD DIVERSITY Antenna WF7 (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-851. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ac - Ch. 155, MCS2)



Plot 7-849. PSD CDD DIVERSITY Antenna WF7 (40MHz BW 802.11n - Ch. 151, MCS10)



Plot 7-852. PSD CDD DIVERSITY Antenna WF7 (80MHz BW 802.11ax(SU) – Ch. 155, MCS2)

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