



Plot 7-663. PSD CDD PRIMARY Antenna WF5b (160MHz BW 802.11ax(SU) - Ch. 114, MCS4)



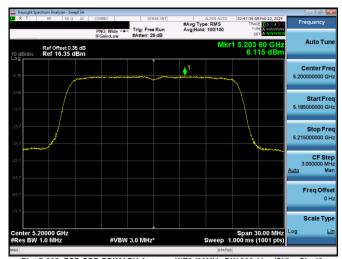
Plot 7-664. PSD CDD PRIMARY Antenna WF8 (160MHz BW 802.11ax(SU) - Ch. 114, MCS4)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-665. PSD CDD PRIMARY Antenna WF5b (20MHz BW 802.11n - Ch. 40, MCS15)



Plot 7-668. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 40, MCS11)



Plot 7-666. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11n - Ch. 40, MCS15)



Plot 7-669. PSD CDD PRIMARY Antenna WF5b (40MHz BW 802.11n - Ch. 46, MCS15)



Plot 7-667. PSD CDD PRIMARY Antenna WF5b (20MHz BW 802.11ax(SU) - Ch. 40, MCS11)



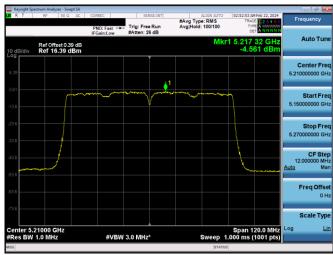
Plot 7-670. PSD CDD PRIMARY Antenna WF8 (40MHz BW 802.11n - Ch. 46, MCS15)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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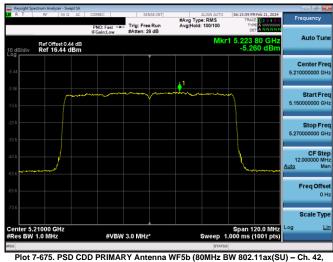
Plot 7-671. PSD CDD PRIMARY Antenna WF5b (40MHz BW 802.11ax(SU) - Ch. 46, MCS11)



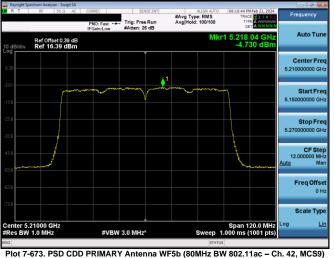
Plot 7-674. PSD CDD PRIMARY Antenna WF8 (80MHz BW 802.11ac - Ch. 42, MCS9)



Plot 7-672. PSD CDD PRIMARY Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 46, MCS11)



MCS11)

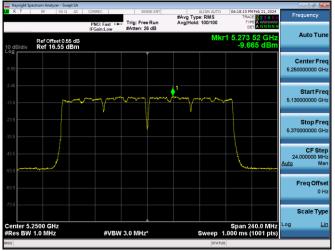




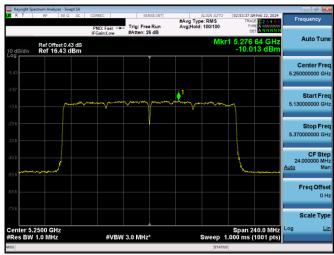
Plot 7-676. PSD CDD PRIMARY Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 42,

FCC ID: BCGA2925 IC: 579C-A2925 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
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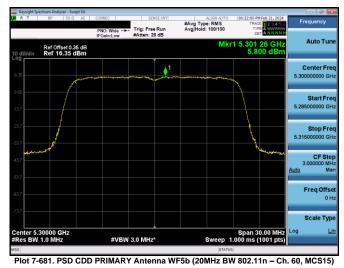
Plot 7-677. PSD CDD PRIMARY Antenna WF5b (160MHz BW 802.11ac - Ch. 50, MCS9)



Plot 7-680. PSD CDD PRIMARY Antenna WF8 (160MHz BW 802.11ax(SU) - Ch. 50, MCS11)



Plot 7-678. PSD CDD PRIMARY Antenna WF8 (160MHz BW 802.11ac - Ch. 50, MCS9)





Plot 7-679. PSD CDD PRIMARY Antenna WF5b (160MHz BW 802.11ax(SU) - Ch. 50, MCS11)



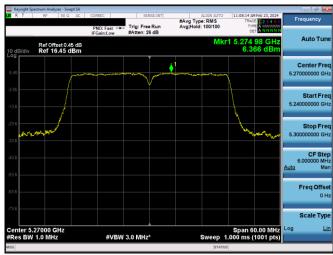
Plot 7-682. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11n - Ch. 60, MCS15)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-683. PSD CDD PRIMARY Antenna WF5b (20MHz BW 802.11ax(SU) - Ch. 60, MCS11)



Plot 7-686. PSD CDD PRIMARY Antenna WF8 (40MHz BW 802.11n - Ch. 54, MCS15)



Plot 7-684. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 60, MCS11)



MCS11)



Plot 7-685. PSD CDD PRIMARY Antenna WF5b (40MHz BW 802.11n - Ch. 54, MCS15)



Plot 7-688. PSD CDD PRIMARY Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 54,

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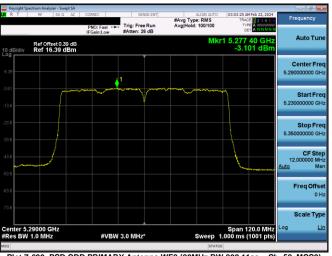




Plot 7-689. PSD CDD PRIMARY Antenna WF5b (80MHz BW 802.11ac - Ch. 58, MCS9)



Plot 7-692. PSD CDD PRIMARY Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 58, MCS11)



Plot 7-690. PSD CDD PRIMARY Antenna WF8 (80MHz BW 802.11ac - Ch. 58, MCS9)



Plot 7-693. PSD CDD PRIMARY Antenna WF5b (20MHz BW 802.11n - Ch. 116, MCS15)



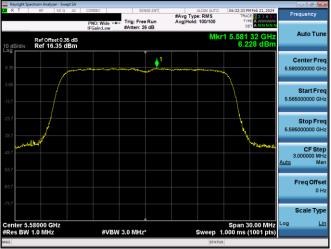
Plot 7-691. PSD CDD PRIMARY Antenna WF5b (80MHz BW 802.11ax(SU) - Ch. 58, MCS11)



Plot 7-694. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11n - Ch. 116, MCS15)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-695. PSD CDD PRIMARY Antenna WF5b (20MHz BW 802.11ax(SU) - Ch. 116, MCS11)



Plot 7-698. PSD CDD PRIMARY Antenna WF8 (40MHz BW 802.11n - Ch. 110, MCS15)



Plot 7-696. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 116, MCS11)



MCS11)



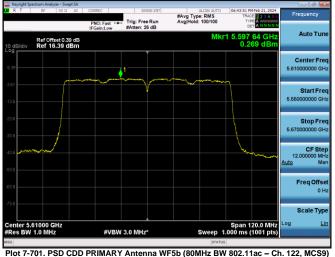
Plot 7-697. PSD CDD PRIMARY Antenna WF5b (40MHz BW 802.11n - Ch. 110, MCS15)



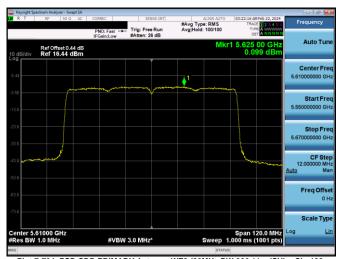
Plot 7-700. PSD CDD PRIMARY Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 110,

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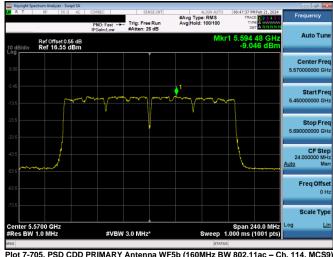




Plot 7-704. PSD CDD PRIMARY Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 122, MCS11)



Plot 7-702. PSD CDD PRIMARY Antenna WF8 (80MHz BW 802.11ac - Ch. 122, MCS9)



Plot 7-705. PSD CDD PRIMARY Antenna WF5b (160MHz BW 802.11ac - Ch. 114, MCS9)



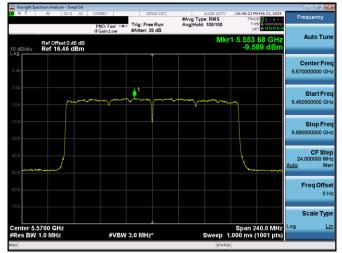
Plot 7-703. PSD CDD PRIMARY Antenna WF5b (80MHz BW 802.11ax(SU) - Ch. 122, MCS11)



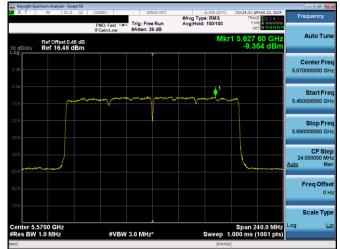
Plot 7-706. PSD CDD PRIMARY Antenna WF8 (160MHz BW 802.11ac - Ch. 114, MCS9)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-707. PSD CDD PRIMARY Antenna WF5b (160MHz BW 802.11ax(SU) - Ch. 114, MCS11)



Plot 7-708. PSD CDD PRIMARY Antenna WF8 (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 WF5b Power Density [dBm/500kHz]	Ant WF8 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	n (20MHz)	CDD	39/43.3 (MCS10)	7.12	7.41	10.28	30.0	-19.72
	5785	157	n (20MHz)	CDD	39/43.3 (MCS10)	7.54	7.57	10.57	30.0	-19.43
	5825	165	n (20MHz)	CDD	39/43.3 (MCS10)	7.42	7.50	10.47	30.0	-19.53
	5745	149	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.93	6.20	9.08	30.0	-20.92
e	5785	157	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.23	6.21	9.23	30.0	-20.77
	5825	165	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.25	6.21	9.24	30.0	-20.76
Band	5755	151	n (40MHz)	CDD	81/60 (MCS10)	4.58	4.76	7.68	30.0	-22.32
_	5795	159	n (40MHz)	CDD	81/60 (MCS10)	4.50	4.64	7.58	30.0	-22.42
	5755	151	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.27	3.35	6.32	30.0	-23.68
	5795	159	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.19	3.38	6.30	30.0	-23.70
	5775	155	ac (80MHz)	CDD	175.5/195 (MCS2)	0.61	0.69	3.66	30.0	-26.34
	5775	155	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.01	-1.53	1.25	30.0	-28.75

Table 7-230. Band 3 Power Spectral Density Measurements CDD PRIMARY (Low Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant WF5b Power Density [dBm/500kHz]	Ant WF8 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)	7.53	7.55	10.55	30.0	-19.45
	5785	157	n (20MHz)	CDD	78/86.7 (MCS12)	7.43	7.61	10.53	30.0	-19.47
	5825	165	n (20MHz)	CDD	78/86.7 (MCS12)	7.45	7.64	10.55	30.0	-19.45
	5745	149	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.20	6.32	9.27	30.0	-20.73
က	5785	157	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.39	6.40	9.41	30.0	-20.59
D D	5825	165	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.16	6.54	9.37	30.0	-20.63
Band	5755	151	n (40MHz)	CDD	162/180 (MCS12)	4.77	4.92	7.85	30.0	-22.15
_	5795	159	n (40MHz)	CDD	162/180 (MCS12)	4.48	5.18	7.85	30.0	-22.15
	5755	151	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	3.26	3.89	6.60	30.0	-23.40
	5795	159	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	3.31	3.60	6.47	30.0	-23.53
	5775	155	ac (80MHz)	CDD	351/390 (MCS4)	0.18	0.37	3.29	30.0	-26.71
	5775	155	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-2.72	-2.48	0.41	30.0	-29.59

Table 7-231. Band 3 Power Spectral Density Measurements CDD PRIMARY (Mid Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant WF5b Power Density [dBm/500kHz]	Ant WF8 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	n (20MHz)	CDD	130/144.4 (MCS15)	6.64	6.55	9.60	30.0	-20.40
	5785	157	n (20MHz)	CDD	130/144.4 (MCS15)	6.48	6.87	9.69	30.0	-20.31
	5825	165	n (20MHz)	CDD	130/144.4 (MCS15)	6.56	6.76	9.67	30.0	-20.33
	5745	149	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	6.34	6.45	9.40	30.0	-20.60
က	5785	157	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	6.49	6.44	9.48	30.0	-20.52
ğ	5825	165	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	6.47	6.28	9.39	30.0	-20.61
Band	5755	151	n (40MHz)	CDD	270/300 (MCS15)	3.46	3.57	6.52	30.0	-23.48
_	5795	159	n (40MHz)	CDD	270/300 (MCS15)	3.17	3.60	6.40	30.0	-23.60
	5755	151	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	3.25	3.33	6.30	30.0	-23.70
	5795	159	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	3.55	3.61	6.59	30.0	-23.41
	5775	155	ac (80MHz)	CDD	780/866.7 (MCS9)	-0.97	-0.77	2.14	30.0	-27.86
	5775	155	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-2.60	-2.21	0.61	30.0	-29.39

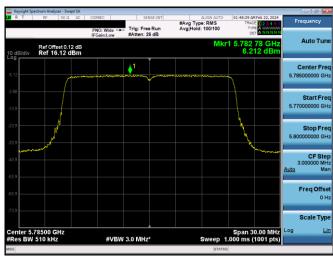
Table 7-232. Band 3 Power Spectral Density Measurements CDD PRIMARY (High Data Rate)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-709. PSD CDD PRIMARY Antenna WF5b (20MHz BW 802.11n - Ch. 157, MCS10)



Plot 7-712. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 157, MCS2)



Plot 7-710. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11n - Ch. 157. MCS10)



Plot 7-713. PSD CDD PRIMARY Antenna WF5b (40MHz BW 802.11n - Ch. 151, MCS10)



Plot 7-711. PSD CDD PRIMARY Antenna WF5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-714. PSD CDD PRIMARY Antenna WF8 (40MHz BW 802.11n - Ch. 151, MCS10)

FCC ID: BCGA2925 IC: 579C-A2925	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-715. PSD CDD PRIMARY Antenna WF5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



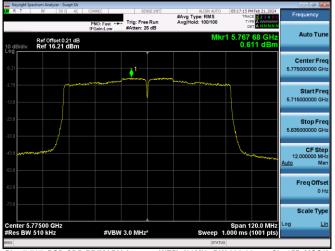
Plot 7-718. PSD CDD PRIMARY Antenna WF8 (80MHz BW 802.11ac - Ch. 155, MCS2)



Plot 7-716. PSD CDD PRIMARY Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 151, MCS2)



Plot 7-719. PSD CDD PRIMARY Antenna WF5b (80MHz BW 802.11ax(SU) - Ch. 155, MCS2)



Plot 7-717. PSD CDD PRIMARY Antenna WF5b (80MHz BW 802.11ac - Ch. 155, MCS2)



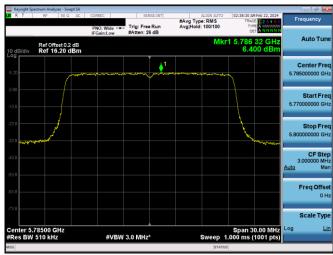
Plot 7-720. PSD CDD PRIMARY Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 155, MCS2)

FCC ID: BCGA2925 IC: 579C-A2925	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-721. PSD CDD PRIMARY Antenna WF5b (20MHz BW 802.11n - Ch. 157, MCS12)



Plot 7-724. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 157, MCS4)



Plot 7-722. PSD CDD PRIMARY Antenna WF8 (20MHz BW 802.11n - Ch. 157, MCS12)



Plot 7-725. PSD CDD PRIMARY Antenna WF5b (40MHz BW 802.11n - Ch. 151, MCS12)



Plot 7-723. PSD CDD PRIMARY Antenna WF5b (20MHz BW 802.11ax(SU) - Ch. 157, MCS4)



Plot 7-726. PSD CDD PRIMARY Antenna WF8 (40MHz BW 802.11n - Ch. 151, MCS12)

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