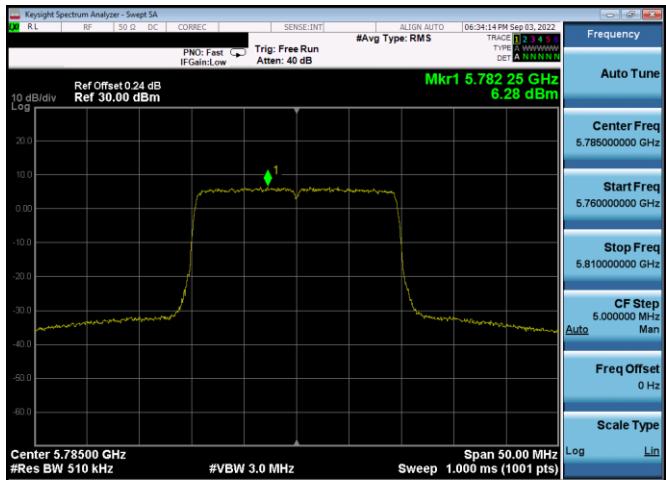
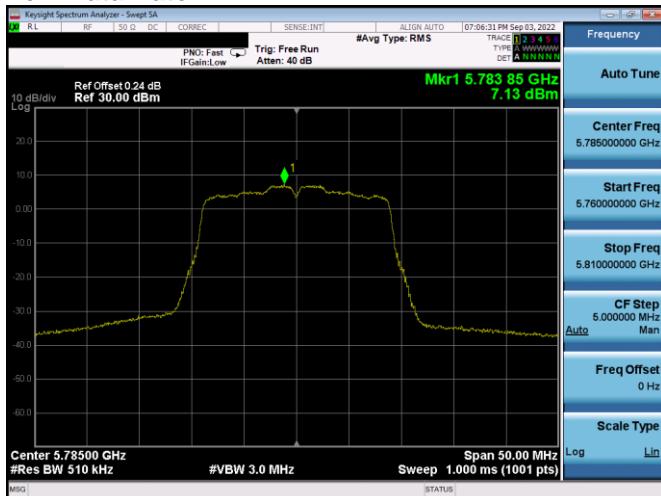
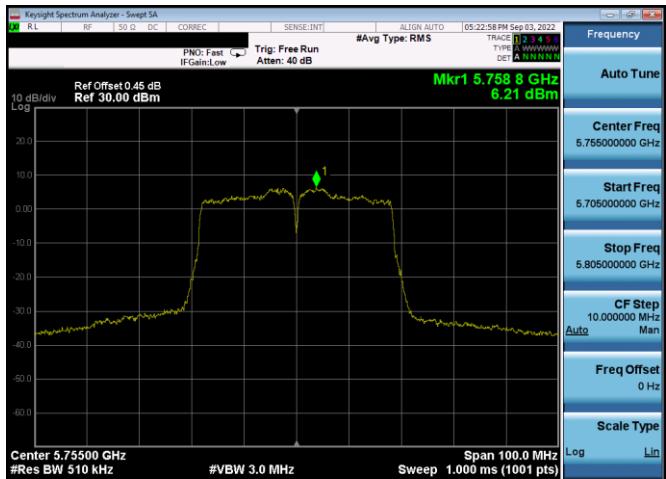
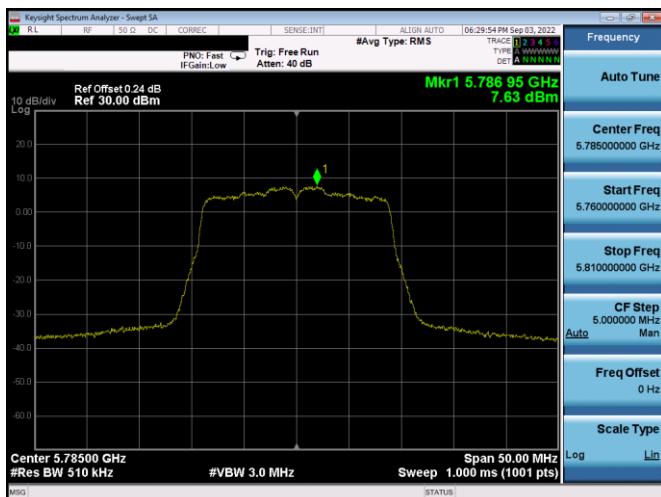


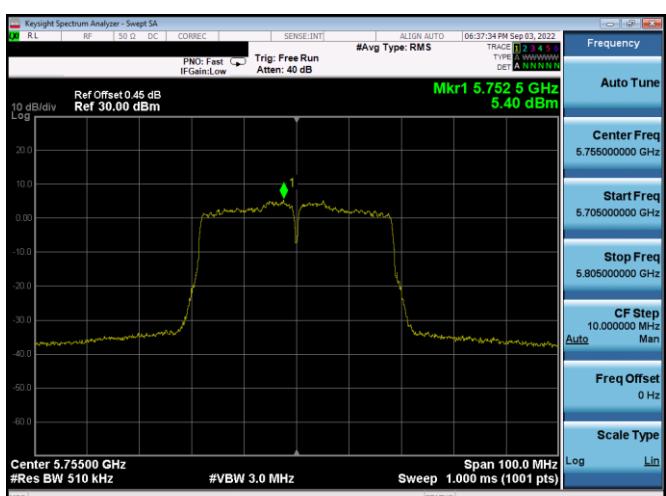
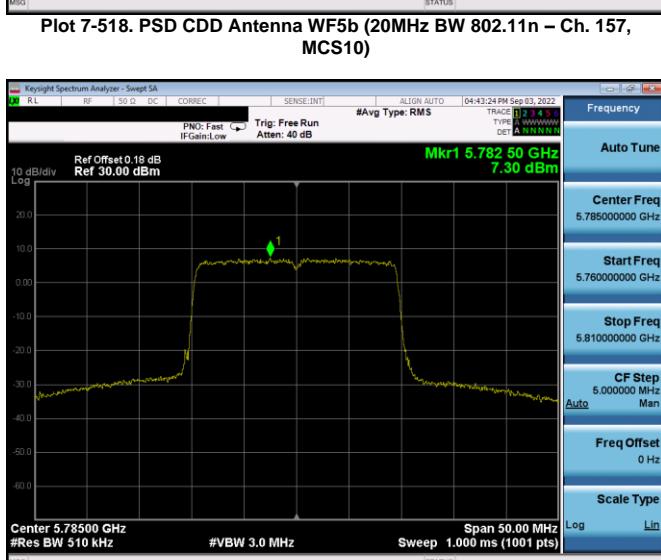
## Low Data Rate



Plot 7-517. PSD CDD Antenna WF5t (20MHz BW 802.11n – Ch. 157, MCS10)

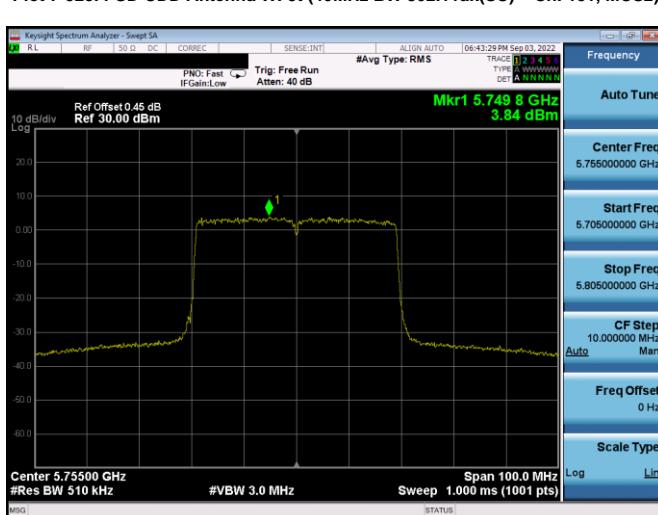
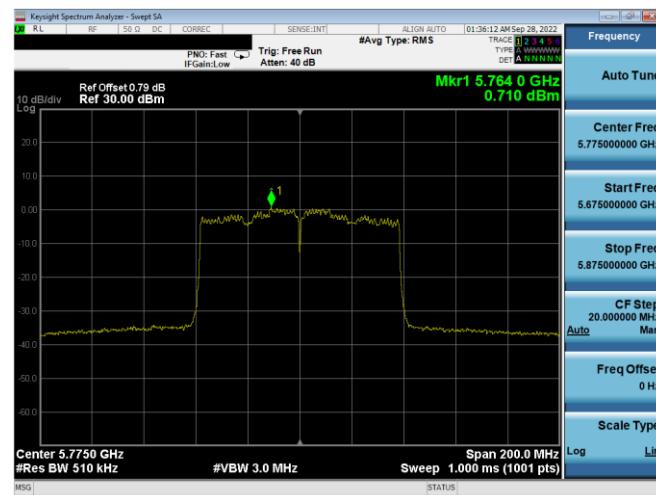
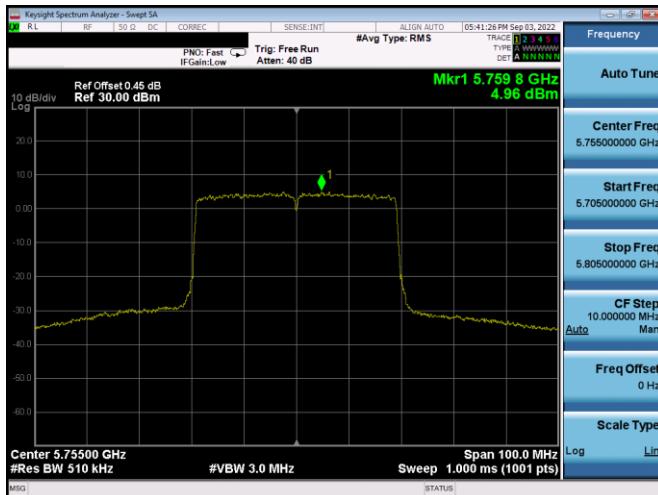


Plot 7-521. PSD CDD Antenna WF5t (40MHz BW 802.11n – Ch. 151, MCS10)



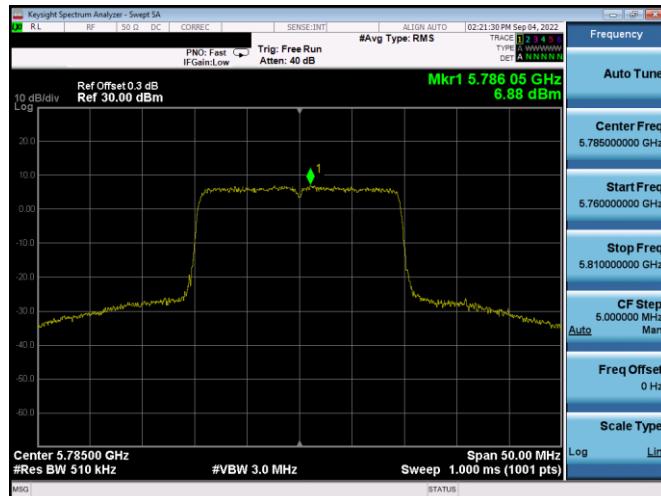
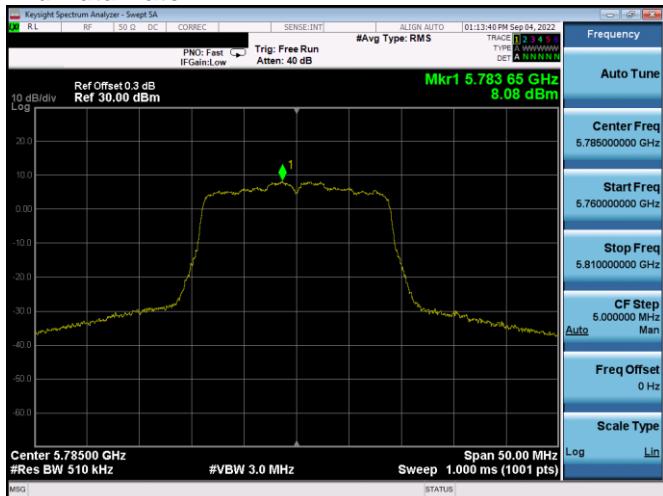
Plot 7-522. PSD CDD Antenna WF5b (40MHz BW 802.11n – Ch. 151, MCS10)

FCC ID: BCGA2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022	EUT Type: Tablet Device	Page 178 of 370



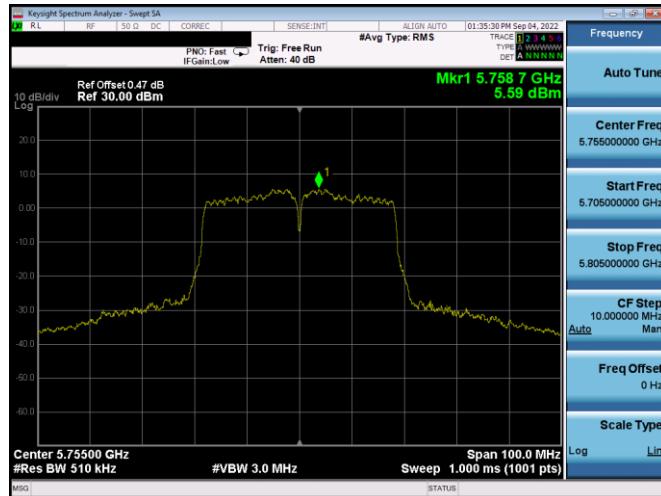
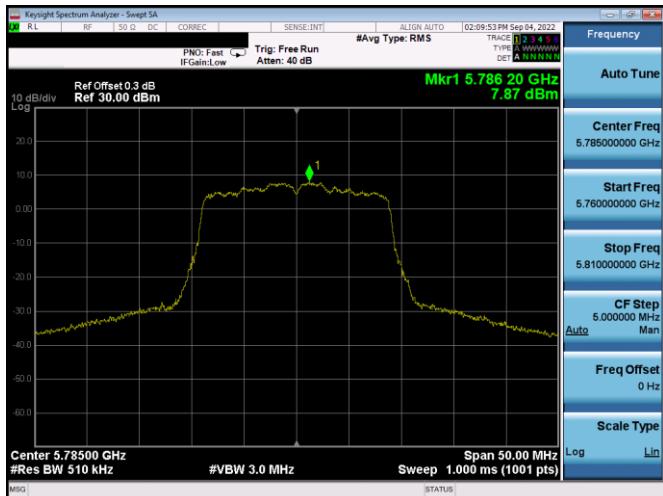
FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022	EUT Type: Tablet Device	Page 179 of 370

## Mid Data Rate



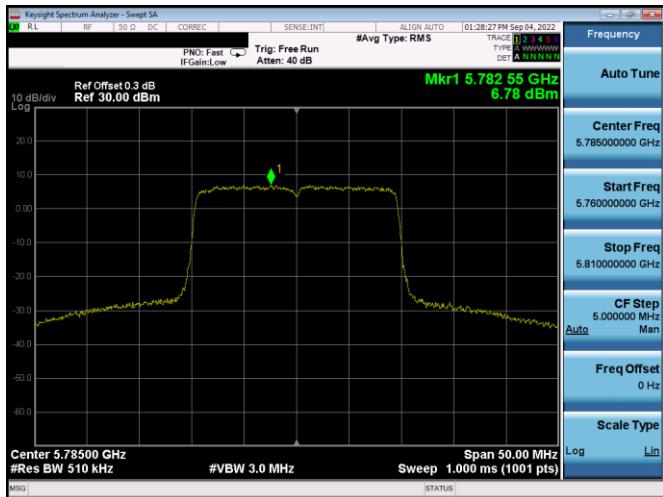
Plot 7-529. PSD CDD Antenna WF5t (20MHz BW 802.11n – Ch. 157, MCS12)

Plot 7-532. PSD CDD Antenna WF5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



**Plot 7-530. PSD CDD Antenna WF5b (20MHz BW 802.11n – Ch. 157, MCS12)**

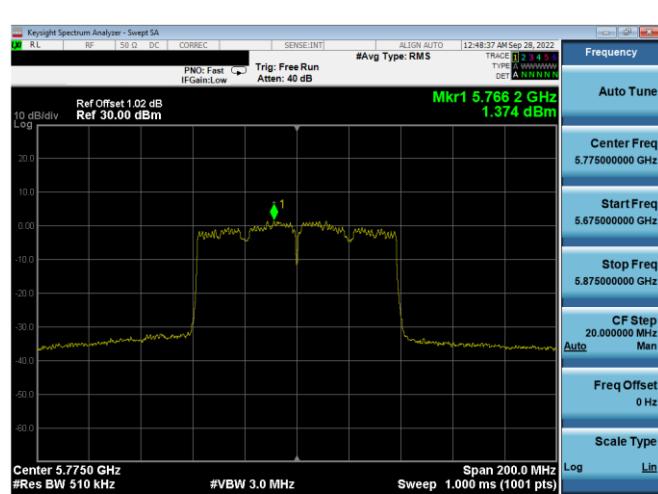
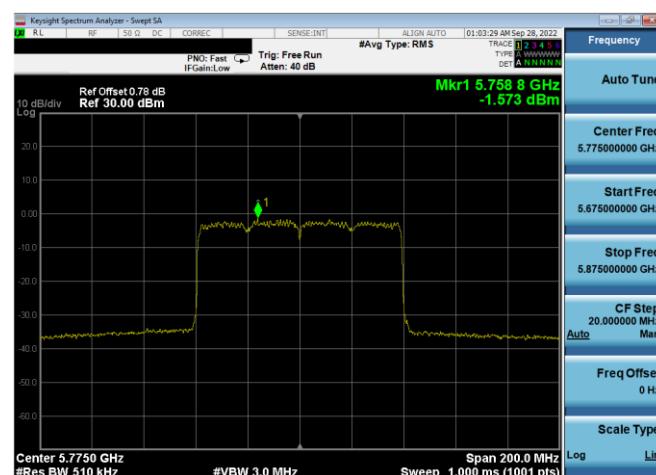
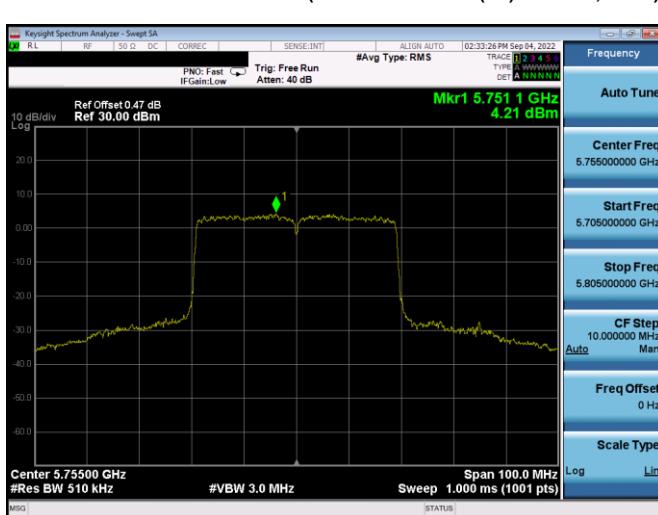
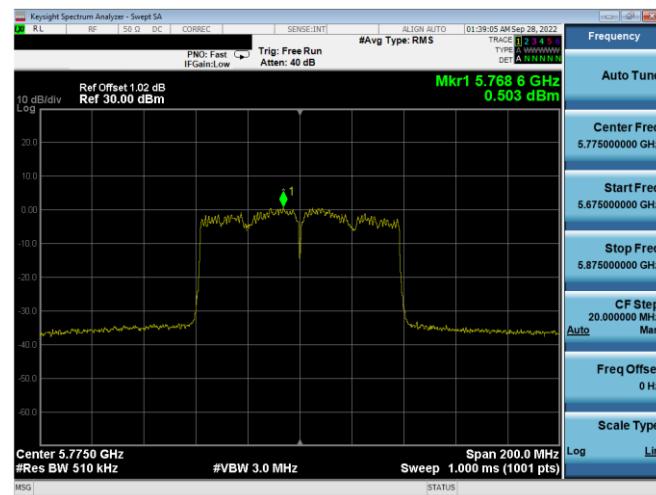
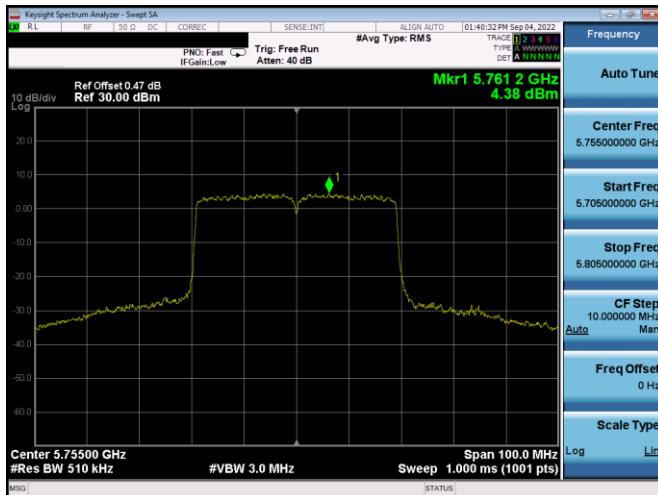
Plot 7-533. PSD CDD Antenna WF5t (40MHz BW 802.11n – Ch. 151, MCS4)



Plot 7-531. PSD CDD Antenna WF5t (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)

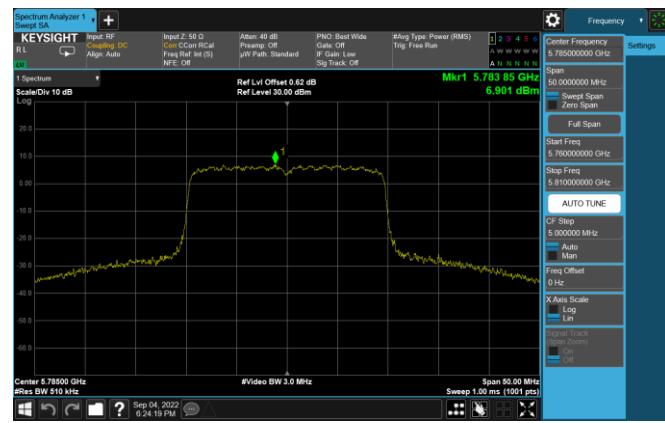
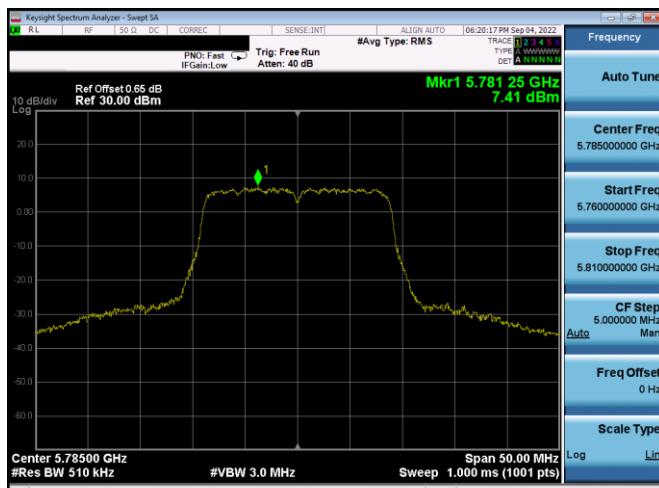
Plot 7-534. PSD CDD Antenna WF5b (40MHz BW 802.11n – Ch. 151, MCS12)

FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022	EUT Type: Tablet Device	Page 180 of 370

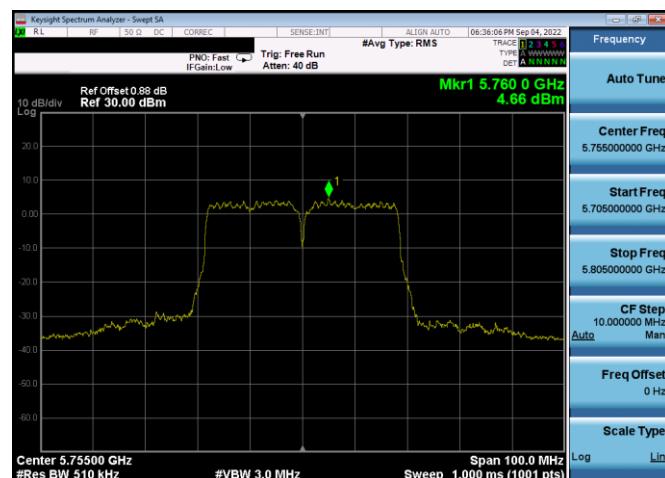
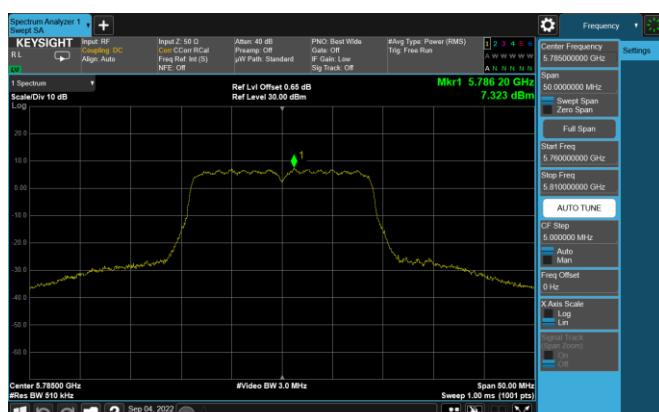


FCC ID: BCGA2436 IC: 579C-A2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022	EUT Type: Tablet Device	Page 181 of 370

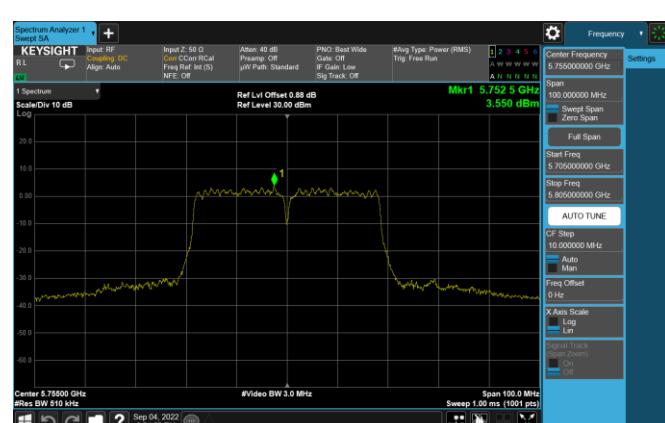
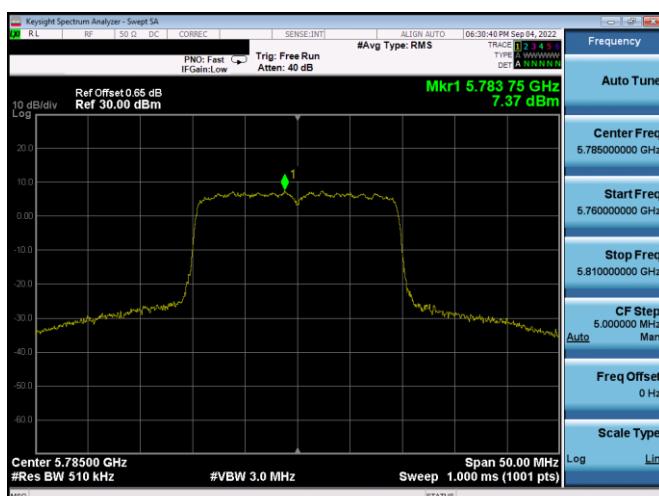
## High Data Rate



Plot 7-541. PSD CDD Antenna WF5t (20MHz BW 802.11n – Ch. 157, MCS15)

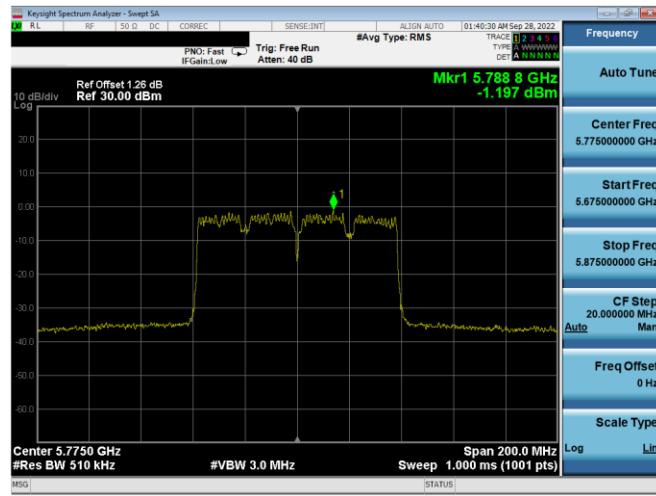


Plot 7-542. PSD CDD Antenna WF5t (40MHz BW 802.11n – Ch. 151, MCS15)



Plot 7-543. PSD CDD Antenna WF5t (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)

FCC ID: BCGA2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022	EUT Type: Tablet Device	Page 182 of 370



FCC ID: BCGA2436	Test Report S/N: 1C2205090027-09.BCG	
IC: 579C-A2436	Test Dates: 05/30/2022 – 09/20/2022	


**MEASUREMENT REPORT  
(CERTIFICATION)**
**Approved by:**  
Technical Manager

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Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	WF5t Power Density [dBm/MHz]	WF5b 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]	
Band 1	5180	36	n (20MHz)	SDM	39/43.3 (MCS10)	3.60	3.35	6.48	2.17	8.66	10.0	-1.34
	5200	40	n (20MHz)	SDM	39/43.3 (MCS10)	3.65	3.82	6.75	2.17	8.92	10.0	-1.08
	5240	48	n (20MHz)	SDM	39/43.3 (MCS10)	3.74	3.46	6.61	2.17	8.79	10.0	-1.21
	5180	36	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.35	2.04	5.21	2.17	7.38	10.0	-2.62
	5200	40	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.45	2.18	5.32	2.17	7.50	10.0	-2.50
	5240	48	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.51	2.15	5.34	2.17	7.51	10.0	-2.49
	5190	38	n (40MHz)	CDD	81/90 (MCS10)	1.26	1.14	4.21	5.17	9.38	10.0	-0.62
	5230	46	n (40MHz)	SDM	81/90 (MCS10)	3.18	2.93	6.07	2.17	8.24	10.0	-1.76
	5190	38	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-1.67	-1.87	1.24	5.17	6.42	10.0	-3.58
	5230	46	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	1.98	1.61	4.81	2.17	6.98	10.0	-3.02
	5210	42	ac (80MHz)	CDD	175.5/195 (MCS2)	-2.47	-3.24	0.17	5.17	5.35	10.0	-4.65
	5210	42	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-5.08	-6.02	-2.51	5.17	2.66	10.0	-7.34
	5250	50	ac (160MHz)	CDD	175.5/195 (MCS2)	-8.96	-9.55	-6.23	5.17	-1.06	10.0	-11.06
	5250	50	ax (SU) (160MHz)	CDD	204/216.2 (MCS2)	-9.12	-9.62	-6.35	5.17	-1.18	10.0	-11.18

Table 7-140. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Low Data Rate)

Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	WF5t Power Density [dBm/MHz]	WF5b 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]	
Band 1	5180	36	n (20MHz)	SDM	39/43.3 (MCS10)	3.94	3.75	6.85	2.17	9.03	10.0	-0.97
	5200	40	n (20MHz)	SDM	39/43.3 (MCS10)	3.75	3.97	6.87	2.17	9.04	10.0	-0.96
	5240	48	n (20MHz)	SDM	39/43.3 (MCS10)	4.00	3.63	6.83	2.17	9.00	10.0	-1.00
	5180	36	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.64	2.15	5.41	2.17	7.58	10.0	-2.42
	5200	40	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.64	2.26	5.46	2.17	7.64	10.0	-2.36
	5240	48	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.76	2.07	5.44	2.17	7.61	10.0	-2.39
	5190	38	n (40MHz)	CDD	81/90 (MCS10)	0.25	0.05	3.16	5.17	8.33	10.0	-1.67
	5230	46	n (40MHz)	SDM	81/90 (MCS10)	3.44	3.09	6.28	2.17	8.46	10.0	-1.54
	5190	38	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-1.76	-1.98	1.14	5.17	6.31	10.0	-3.69
	5230	46	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	2.17	2.23	5.21	2.17	7.38	10.0	-2.62
	5210	42	ac (80MHz)	CDD	175.5/195 (MCS2)	-4.36	-3.49	-0.89	5.17	4.28	10.0	-5.72
	5210	42	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-5.27	-6.37	-2.77	5.17	2.40	10.0	-7.60
	5250	50	ac (160MHz)	CDD	175.5/195 (MCS2)	-9.39	-9.70	-6.53	5.17	-1.36	10.0	-11.36
	5250	50	ax (SU) (160MHz)	CDD	204/216.2 (MCS2)	-9.39	-10.24	-6.78	5.17	-1.61	10.0	-11.61

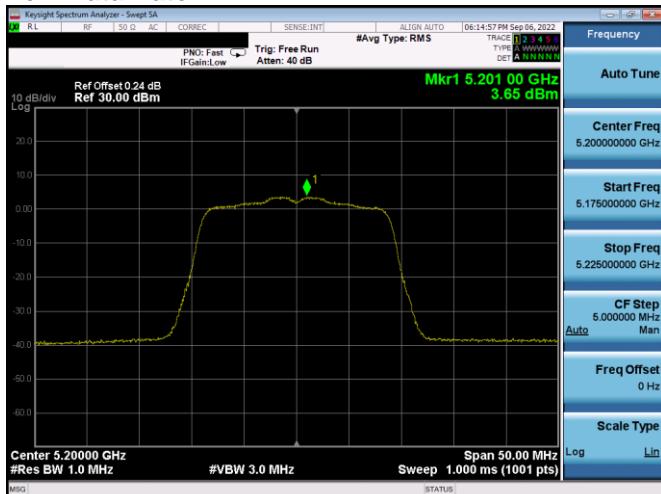
Table 7-141. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Mid Data Rate)

Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	WF5t Power Density [dBm/MHz]	WF5b 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]	
Band 1	5180	36	n (20MHz)	SDM	39/43.3 (MCS10)	2.78	2.80	5.80	2.17	7.97	10.0	-2.03
	5200	40	n (20MHz)	SDM	39/43.3 (MCS10)	2.76	2.72	5.75	2.17	7.92	10.0	-2.08
	5240	48	n (20MHz)	SDM	39/43.3 (MCS10)	3.00	2.38	5.71	2.17	7.89	10.0	-2.11
	5180	36	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.52	2.53	5.53	2.17	7.71	10.0	-2.29
	5200	40	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.77	2.70	5.75	2.17	7.92	10.0	-2.08
	5240	48	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.75	2.37	5.57	2.17	7.74	10.0	-2.26
	5190	38	n (40MHz)	CDD	81/90 (MCS10)	-0.89	-1.07	2.03	5.17	7.20	10.0	-2.80
	5230	46	n (40MHz)	SDM	81/90 (MCS10)	2.30	1.88	5.11	2.17	7.28	10.0	-2.72
	5190	38	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-1.94	-1.75	1.17	5.17	6.34	10.0	-3.66
	5230	46	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	2.43	2.20	5.33	2.17	7.50	10.0	-2.50
	5210	42	ac (80MHz)	CDD	175.5/195 (MCS2)	-5.13	-5.46	-2.28	5.17	2.89	10.0	-7.11
	5210	42	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-5.83	-6.50	-3.14	5.17	2.03	10.0	-7.97
	5250	50	ac (160MHz)	CDD	175.5/195 (MCS2)	-11.11	-11.33	-8.21	5.17	-3.04	10.0	-13.04
	5250	50	ax (SU) (160MHz)	CDD	204/216.2 (MCS2)	-10.81	-11.51	-8.14	5.17	-2.96	10.0	-12.96

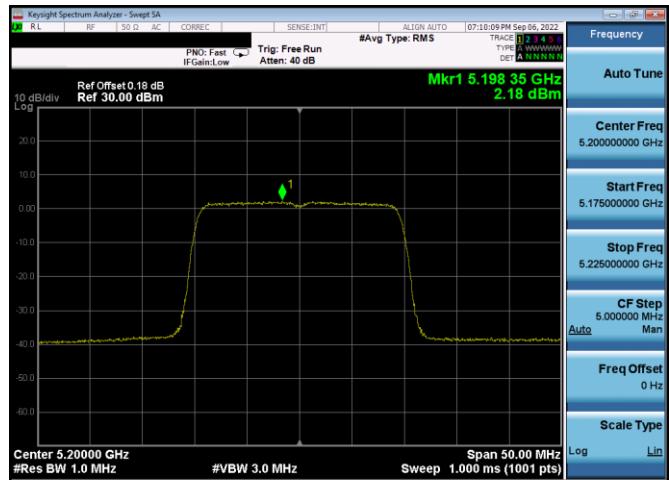
Table 7-142. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (High Data Rate)

FCC ID: BCGA2436 IC: 579C-A2436	MEASUREMENT REPORT (CERTIFICATION)							Approved by: Technical Manager
Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022							EUT Type: Tablet Device

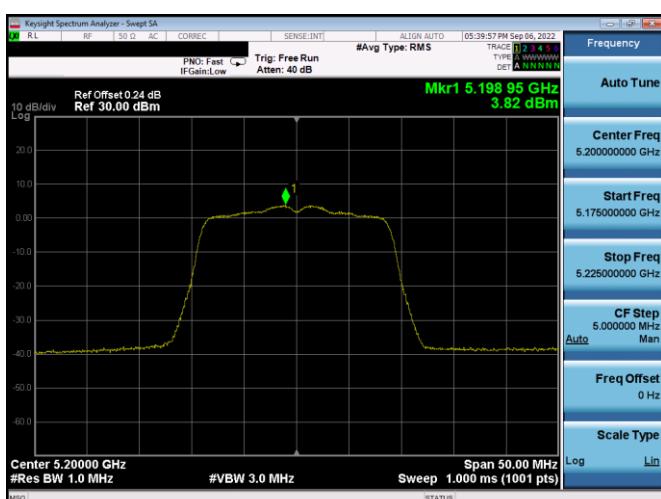
## Low Data Rate



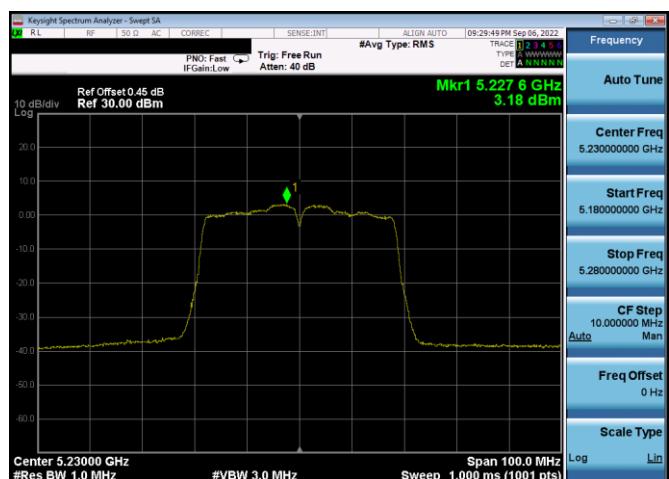
Plot 7-553. ISED PSD SDM Antenna WF5t (20MHz BW 11n – Ch.40, MCS10)



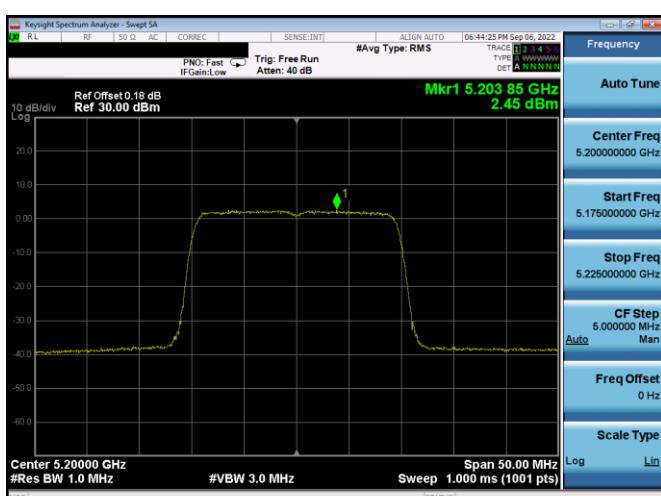
Plot 7.556. ISED PSD SDR Antenna WEFb (20MHz BW 11.475MHz) Ch 40. MCS2



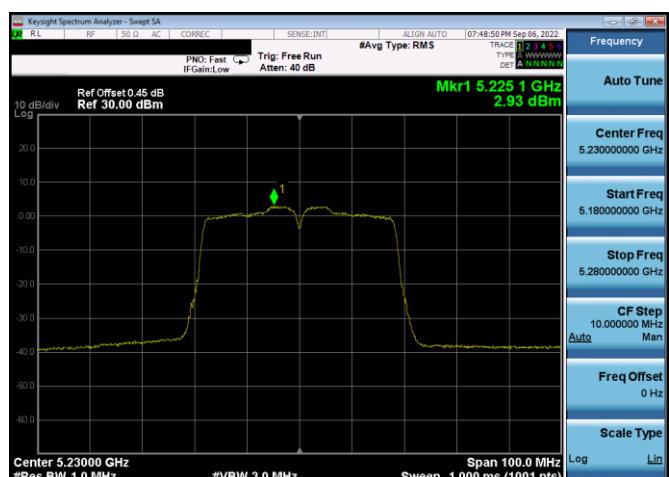
Plot 7-554. ISED PSD SDM Antenna WF5b (20MHz BW 11n – Ch.40, MCS10)



MSG STATUS

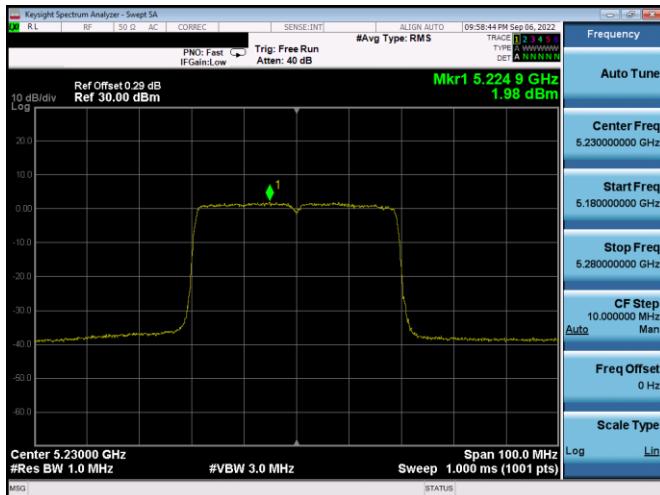


Plot 7-555. ISED PSD SDM Antenna WF5t (20MHz BW 11ax(SU) – Ch 40, MCS2)

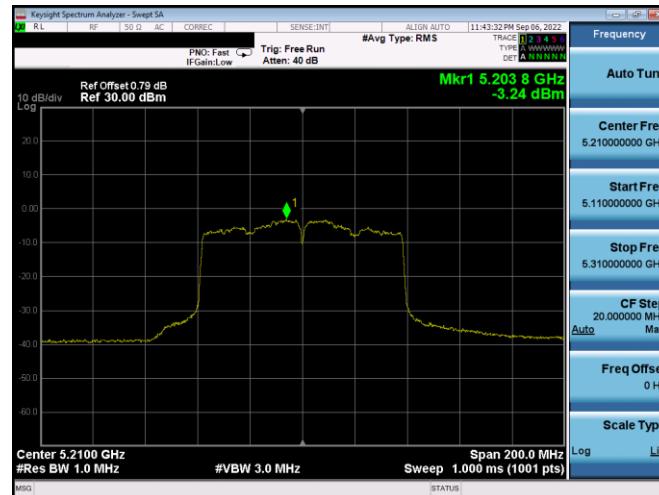


Plot 7-558. ISED PSD SDM Antenna WF5b (40MHz BW 11n – Ch.46,

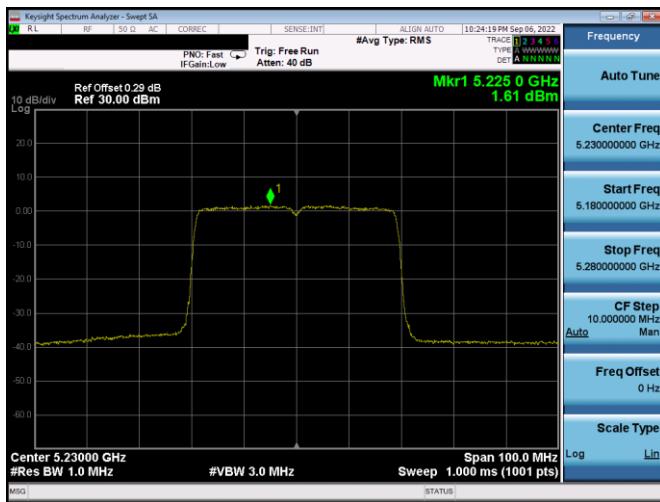
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022	EUT Type: Tablet Device	Page 185 of 370



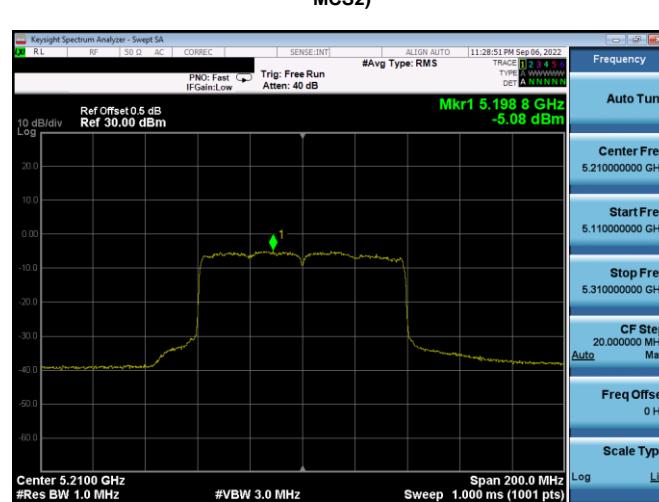
Plot 7-559. ISED PSD SDM Antenna WF5t (40MHz BW 11ax(SU) – Ch.46, MCS2)



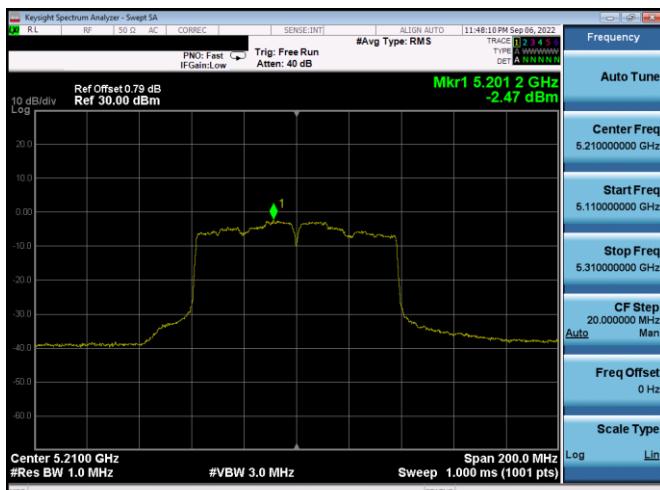
Plot 7-562. ISED PSD CDD Antenna WF5b (80MHz BW 11ac – Ch.42, MCS2)



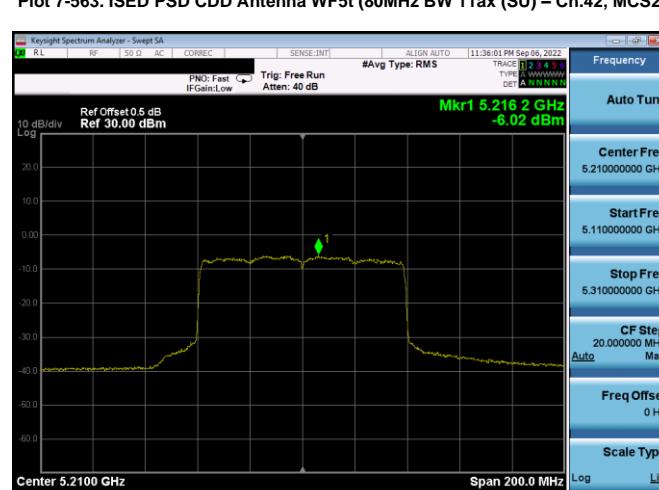
Plot 7-560. ISED SDM PSD Antenna WF5b (40MHz BW 11ax(SU) – Ch.46, MCS2)



Plot 7-563. ISED PSD CDD Antenna WF5t (80MHz BW 11ax (SU) – Ch.42, MCS2)

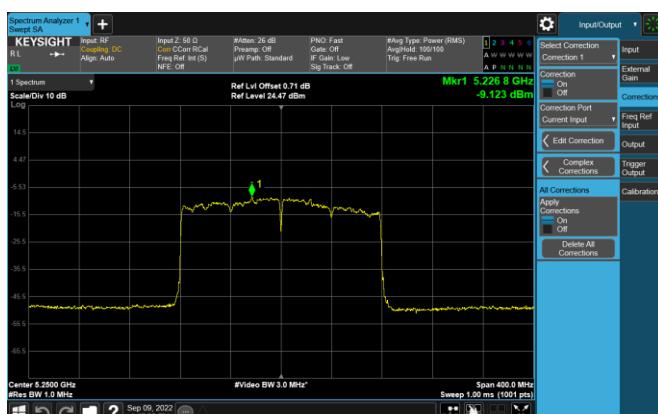
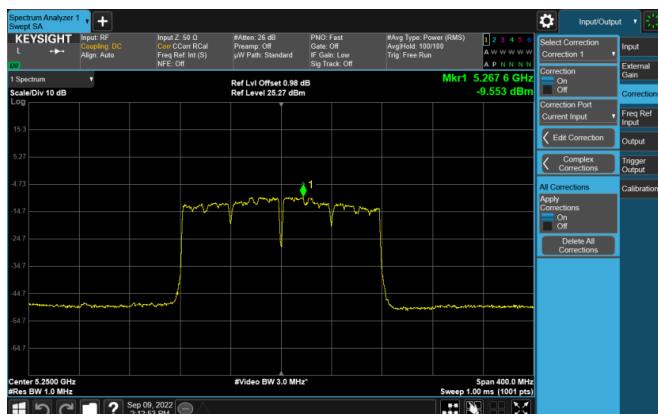
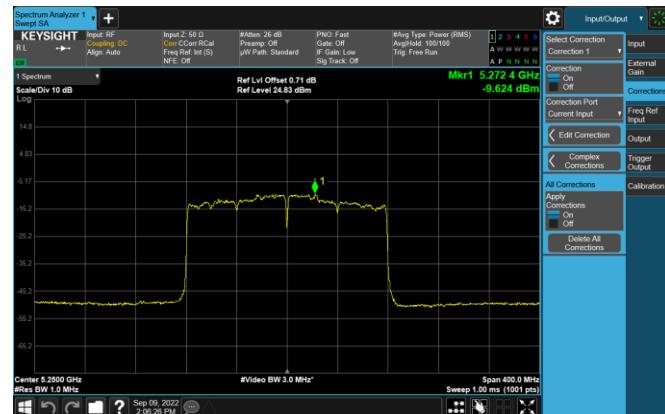
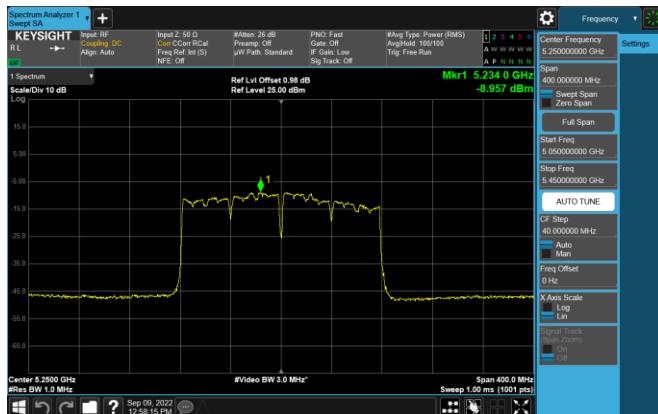


Plot 7-561. ISED PSD CDD Antenna WF5t (80MHz BW 11ac – Ch.42, MCS2)



Plot 7-564. ISED PSD CDD Antenna WF5b (80MHz BW 11ax (SU) – Ch.42, MCS2)

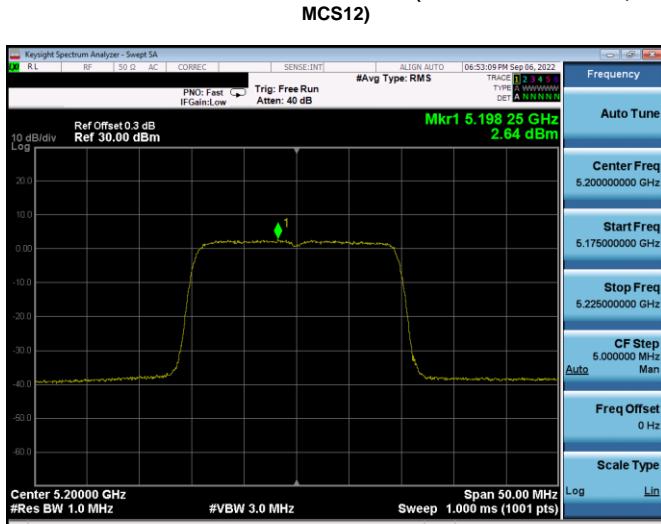
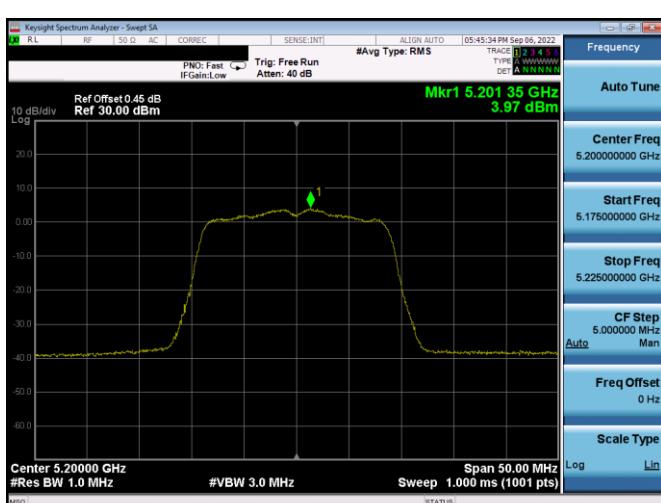
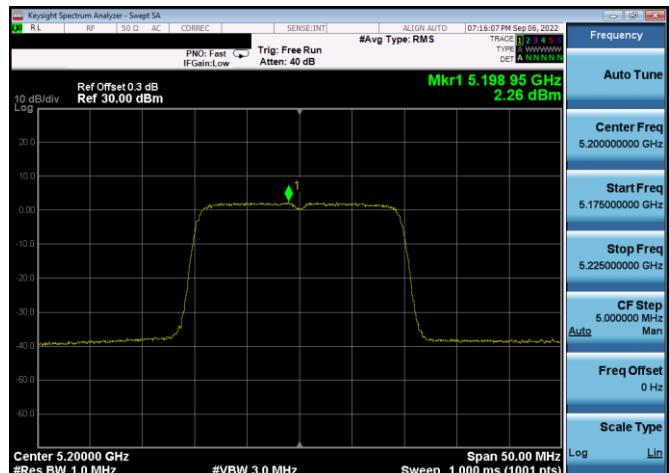
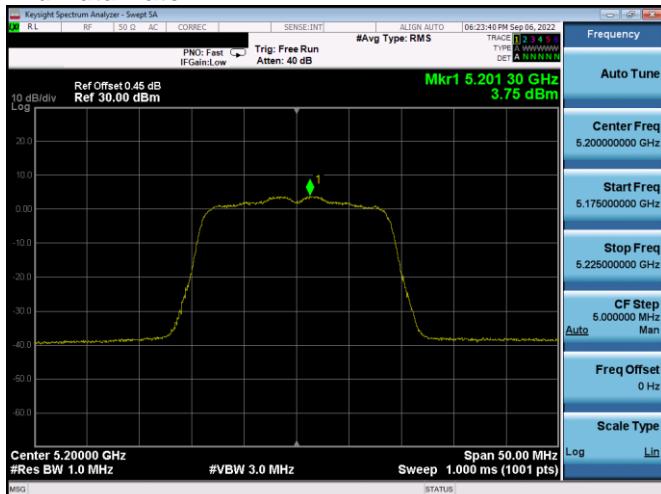
FCC ID: BCGA2436 IC: 579C-A2436	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022	EUT Type: Tablet Device	Page 186 of 370



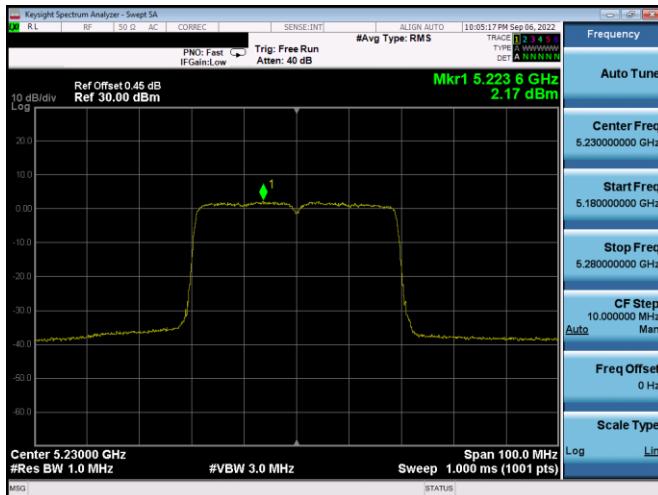
FCC ID: BCGA2436	IC: 579C-A2436
Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022


**MEASUREMENT REPORT  
(CERTIFICATION)**
**Approved by:**  
Technical Manager

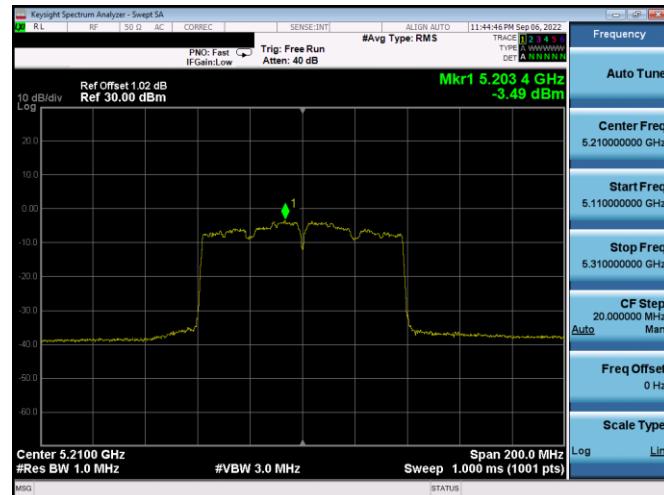
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**Mid Data Rate**


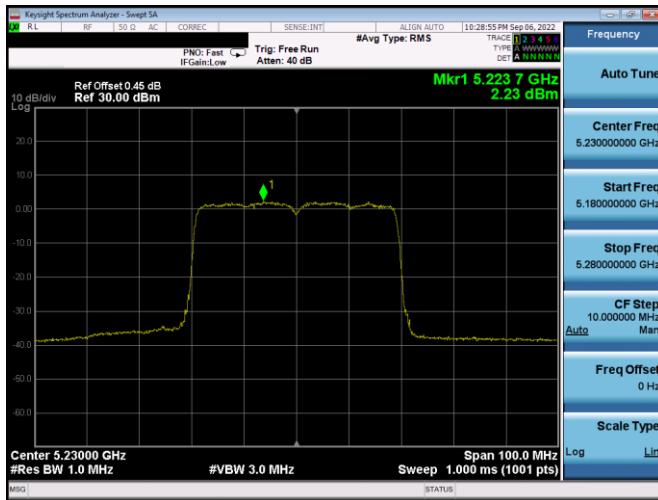
FCC ID: BCGA2436		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
IC: 579C-A2436	Test Report S/N: 1C2205090027-09.BCG	Test Dates: 05/30/2022 – 09/20/2022	EUT Type: Tablet Device



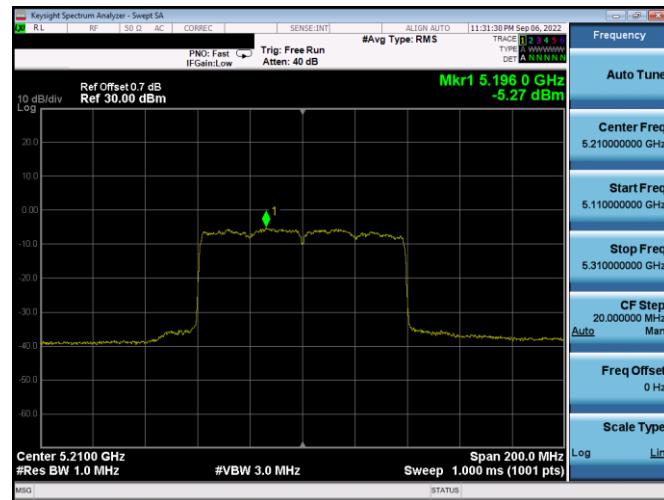
Plot 7-575. ISED PSD SDM Antenna WF5t (40MHz BW 11ax(SU) – Ch.46, MCS4)



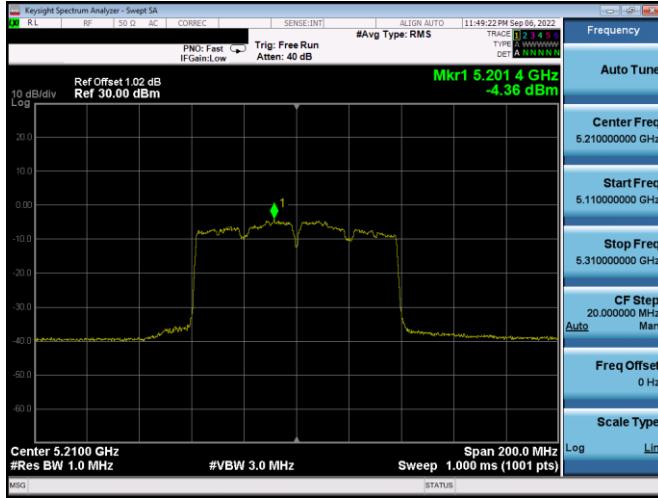
Plot 7-578. ISED PSD Antenna WF5b (80MHz BW 11ac – Ch.42, MCS4)



Plot 7-576. ISED PSD SDM Antenna WF5b (40MHz BW 11ax(SU) – Ch.46, MCS4)



Plot 7-579. ISED PSD CDD Antenna WF5t (80MHz BW 11ax (SU) – Ch.42, MCS4)



Plot 7-577. ISED PSD CDD Antenna WF5t (80MHz BW 11ac – Ch.42, MCS4)



Plot 7-580. ISED PSD CDD Antenna WF5b (80MHz BW 11ax (SU) – Ch.42, MCS4)

FCC ID: BCGA2436	
IC: 579C-A2436	
Test Report S/N: 1C2205090027-09.BCG	



**MEASUREMENT REPORT  
(CERTIFICATION)**

**Approved by:**  
Technical Manager

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