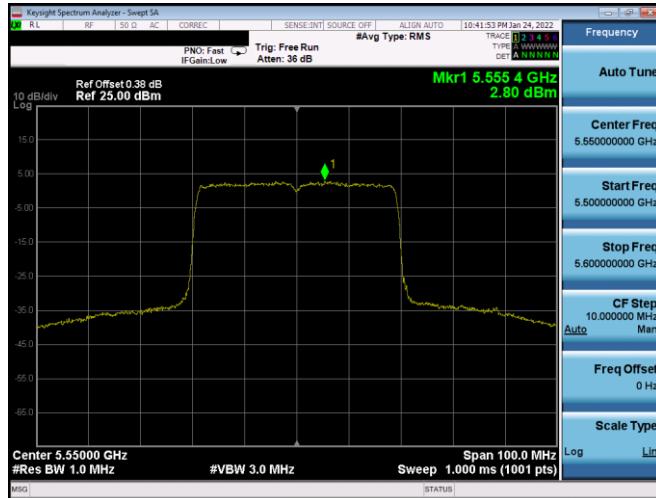


Plot 7-553. PSD CDD Primary Antenna 2B (40MHz BW 802.11ax(SU) – Ch. 110, MCS3)



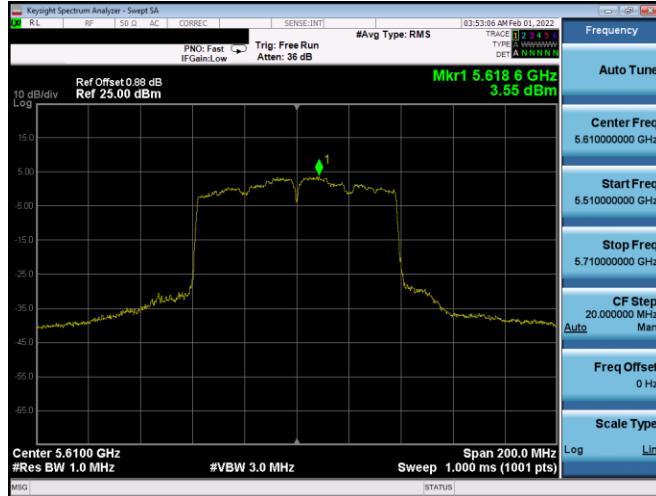
Plot 7-556. PSD CDD Primary Antenna 1B (80MHz BW 802.11ac – Ch. 122, MCS3)



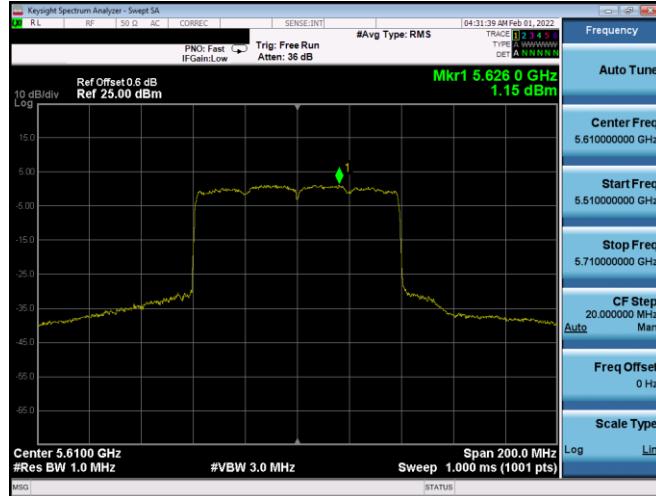
Plot 7-554. PSD CDD Primary Antenna 1B (40MHz BW 802.11ax(SU) – Ch. 110, MCS3)



Plot 7-557. PSD CDD Primary Antenna 2B (80MHz BW 802.11ax(SU) – Ch. 122, MCS3)



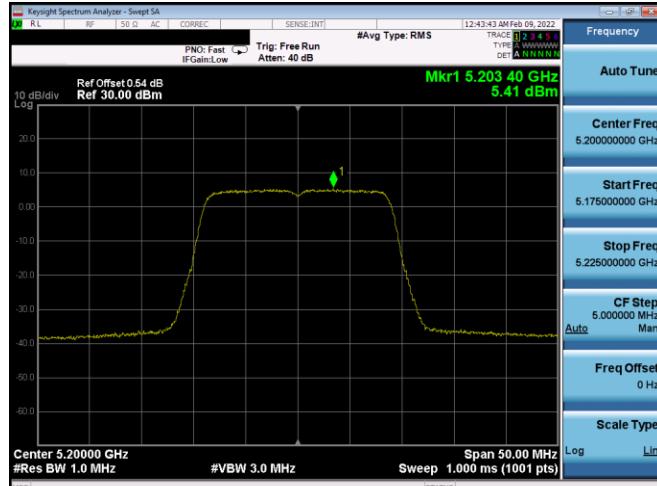
Plot 7-555. PSD CDD Primary Antenna 2B (80MHz BW 802.11ac – Ch. 122, MCS3)

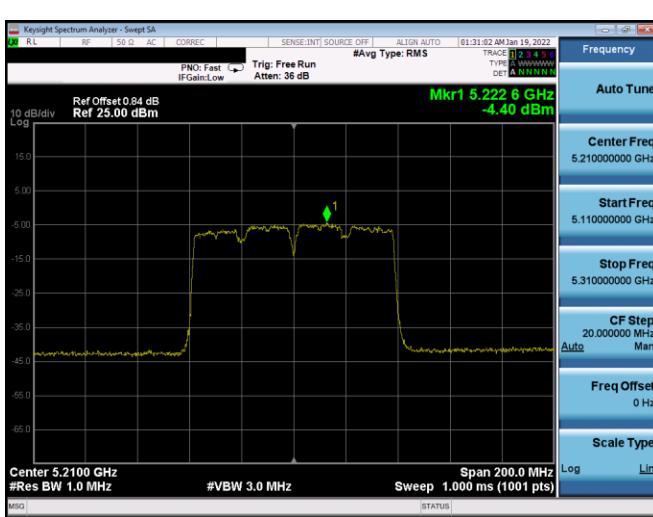
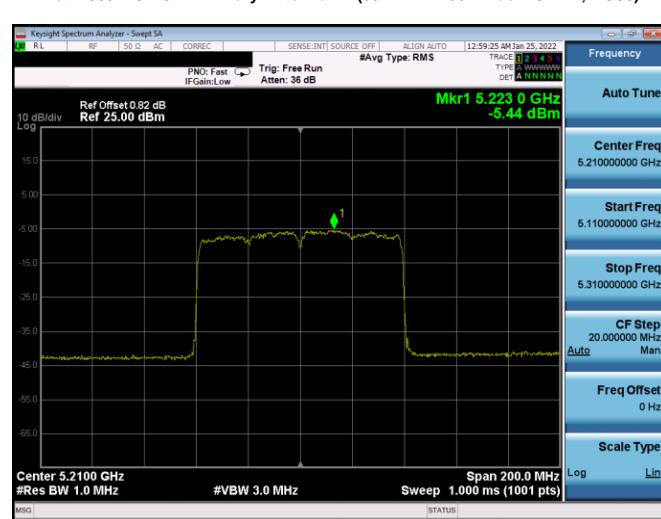
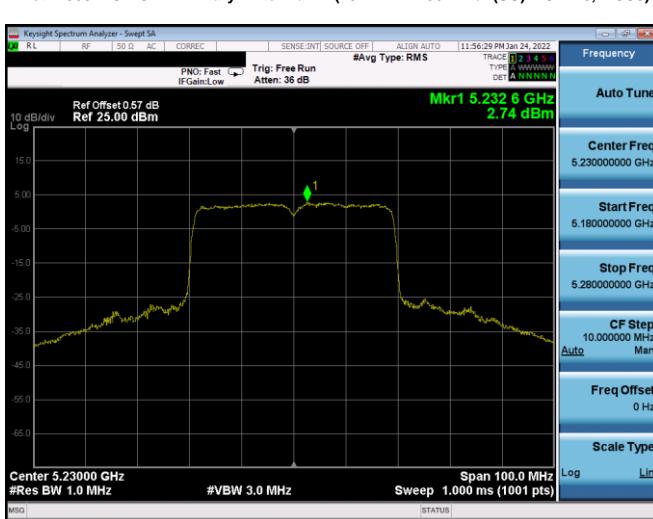
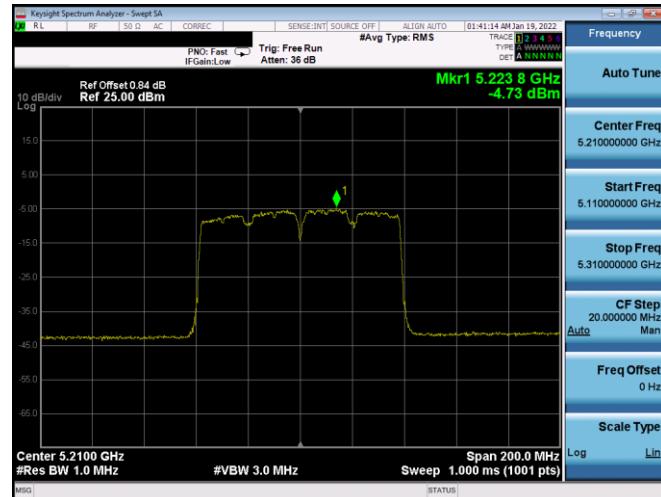
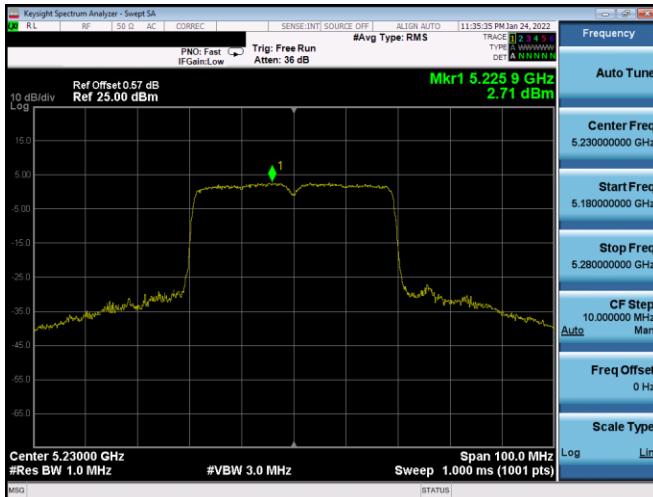


Plot 7-558. PSD CDD Primary Antenna 1B (80MHz BW 802.11ax(SU) – Ch. 122, MCS3)

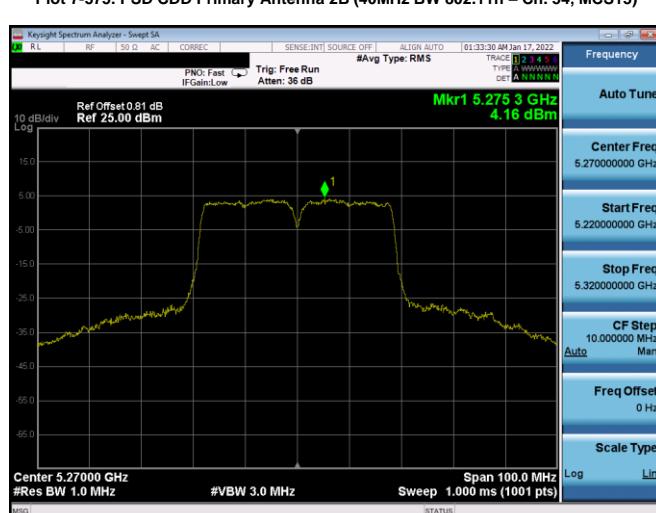
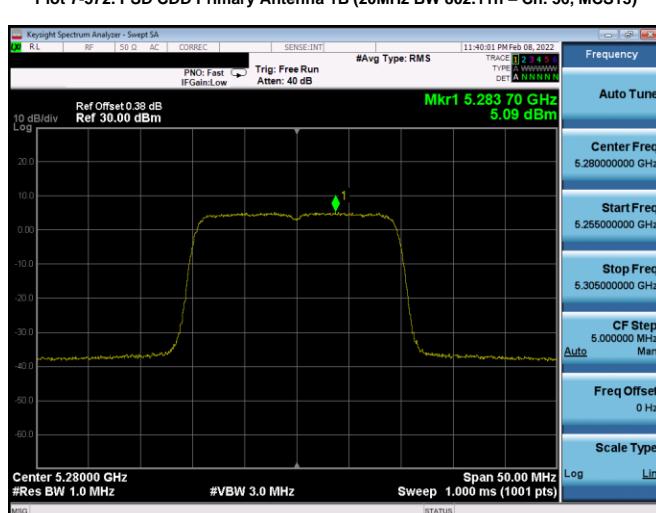
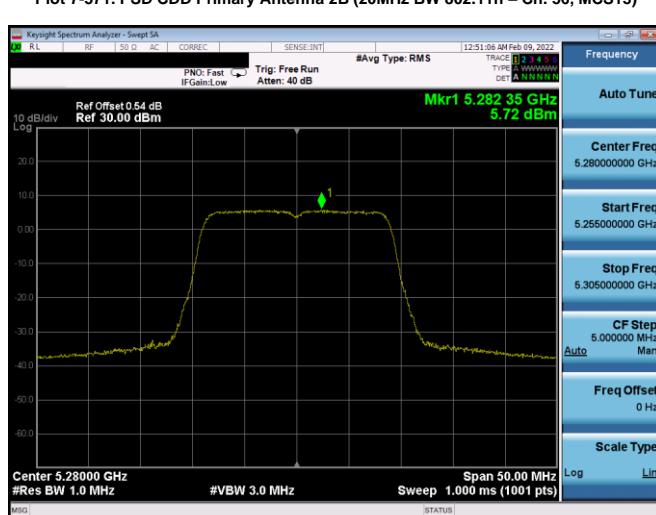
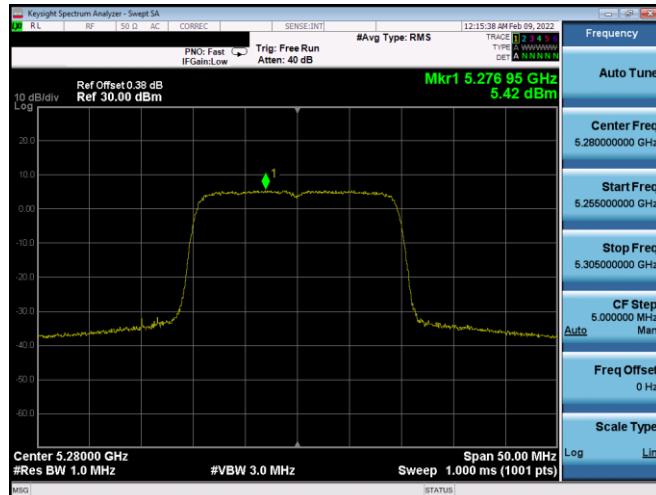
FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 199 of 564

High Data Rate

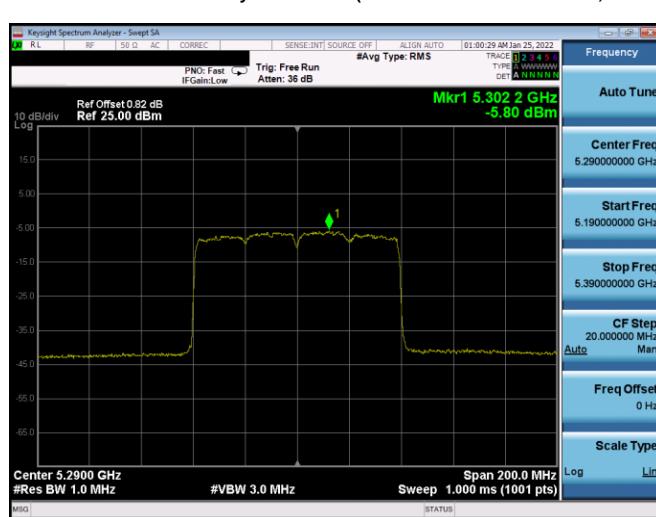
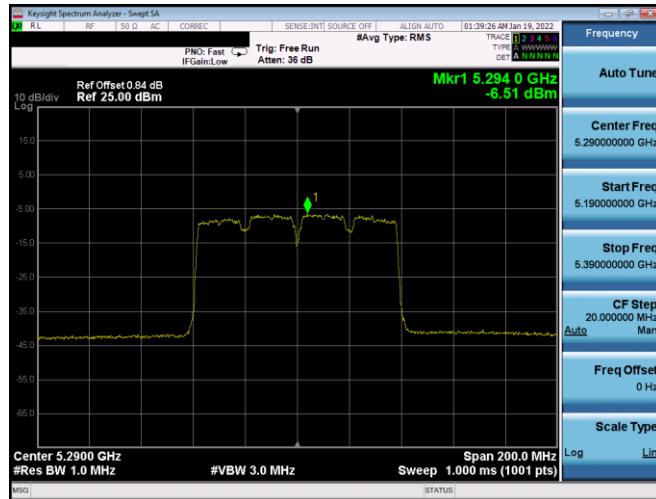
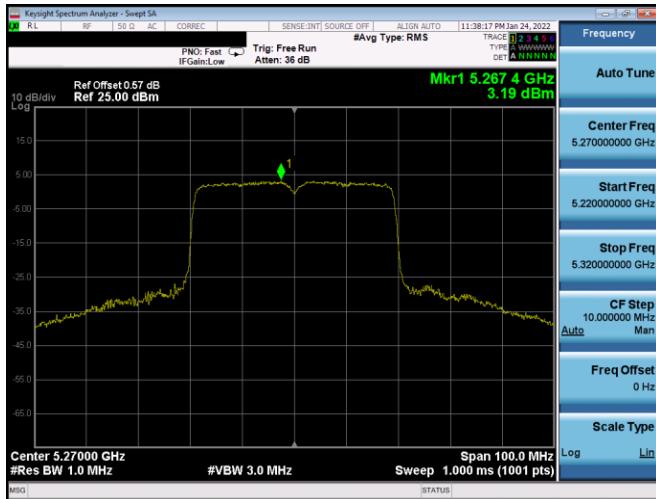




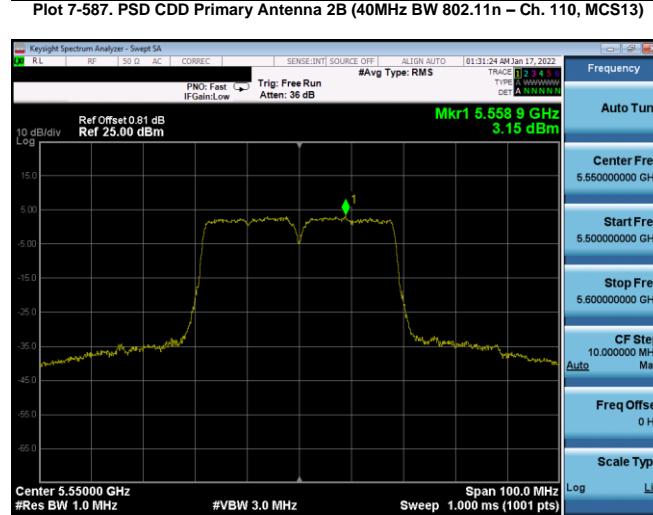
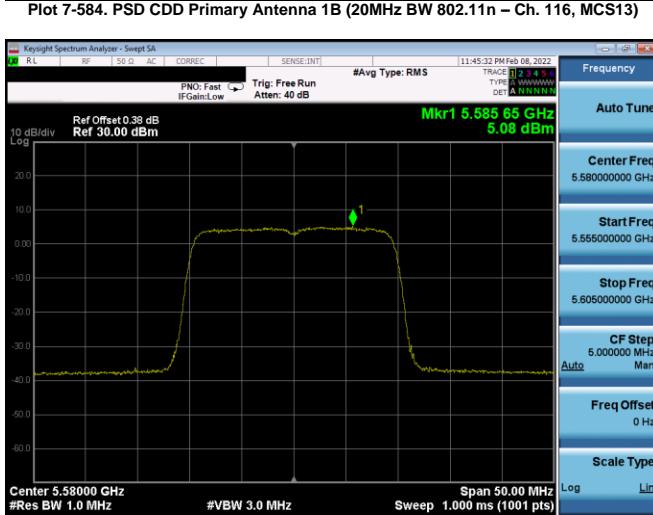
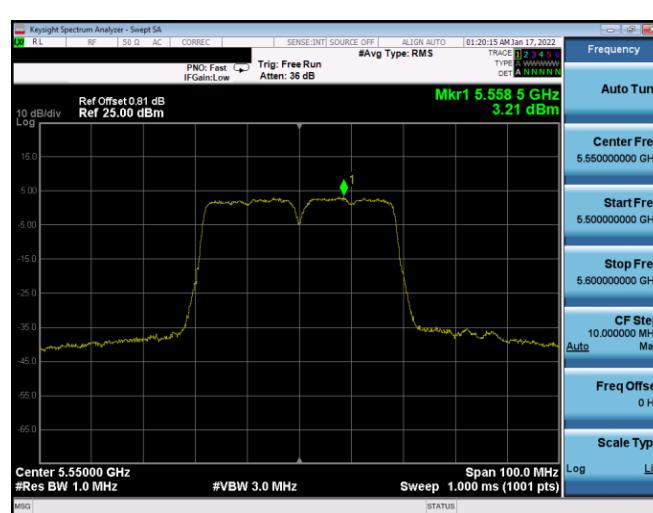
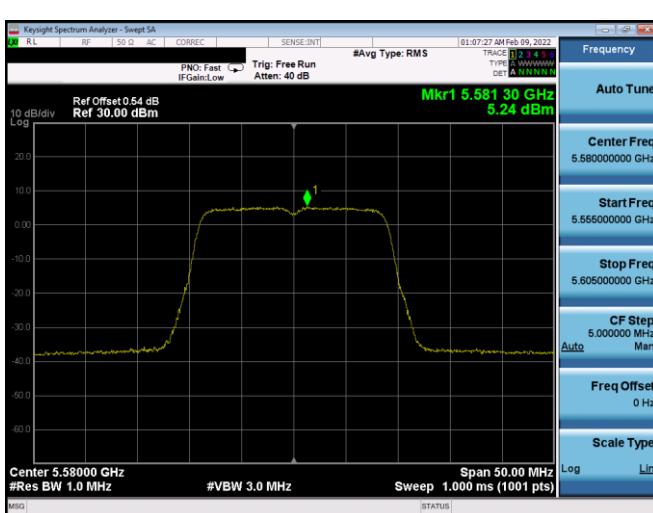
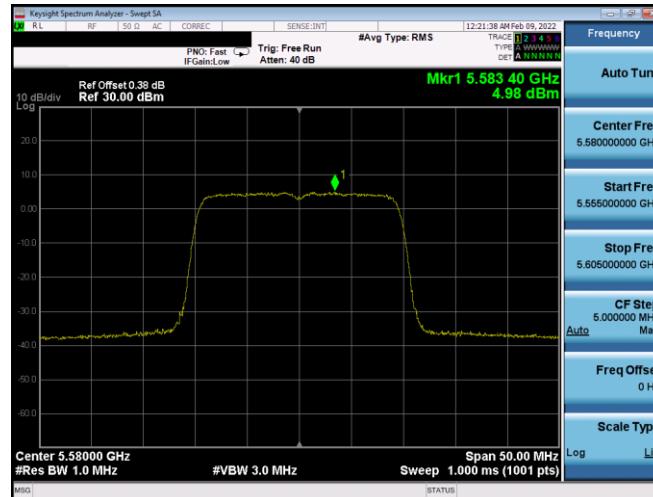
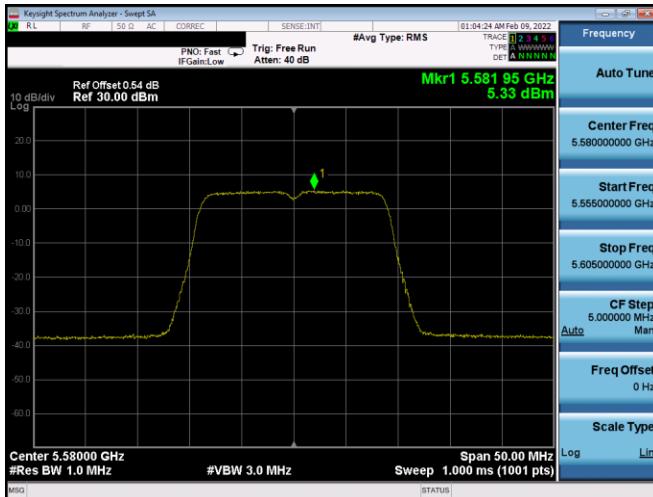
FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 201 of 564



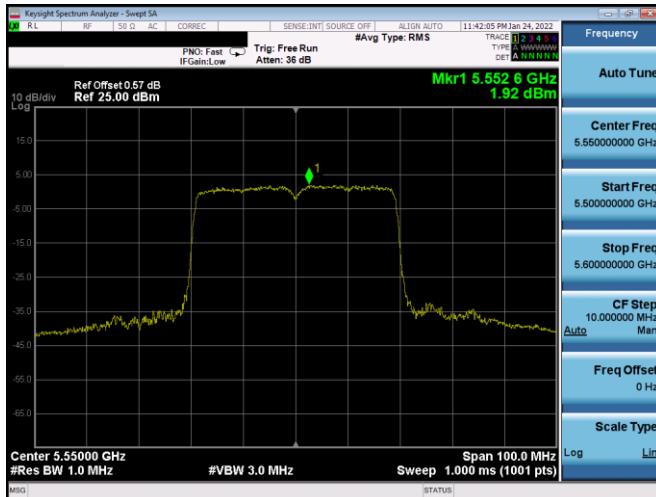
FCC ID: BCGA2589 IC: 579C-A2589	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 202 of 564



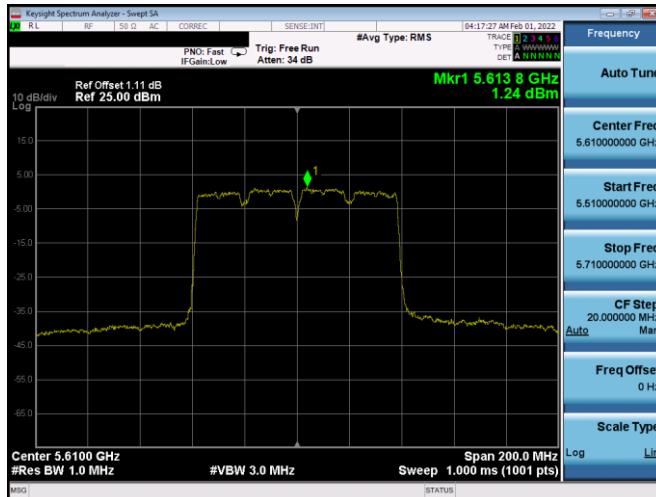
FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 203 of 564



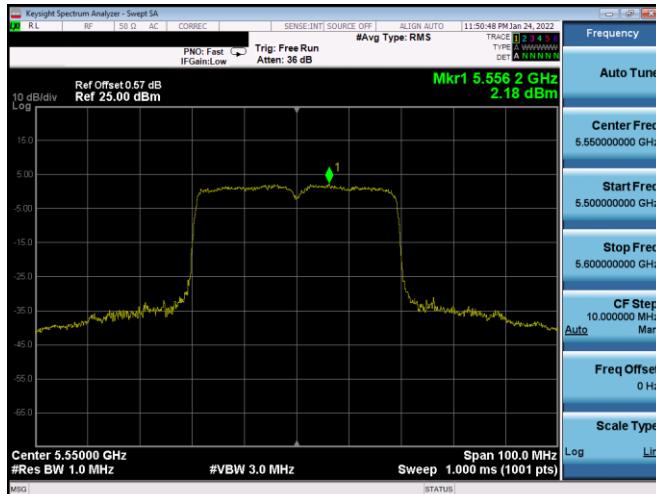
FCC ID: BCGA2589
IC: 579C-A2589



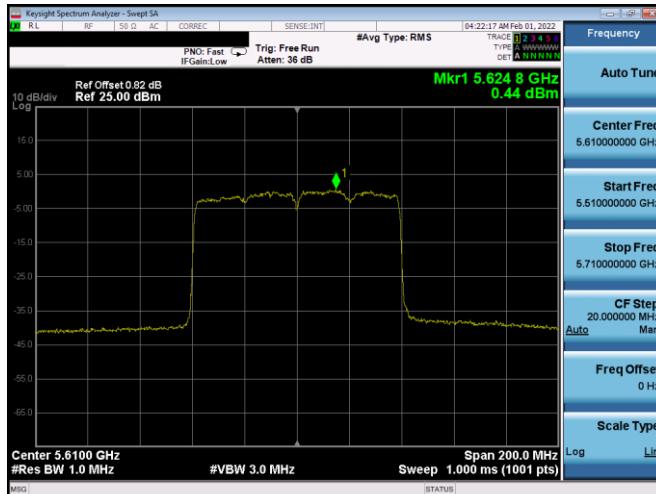
Plot 7-589. PSD CDD Primary Antenna 2B (40MHz BW 802.11ax(SU) – Ch. 110, MCS5)



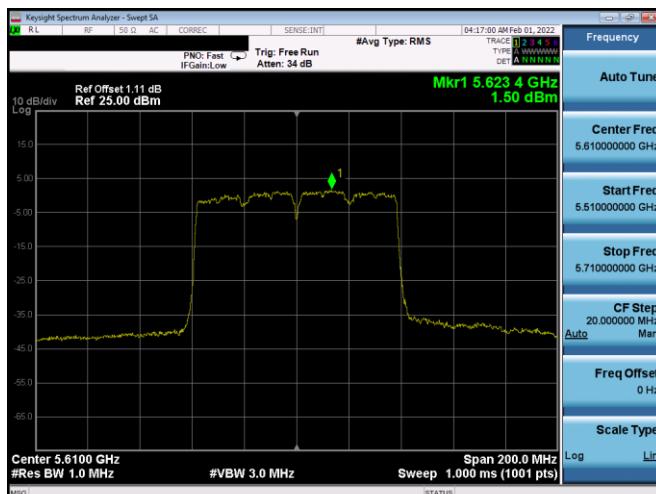
Plot 7-592. PSD CDD Primary Antenna 1B (80MHz BW 802.11ac – Ch. 122, MCS5)



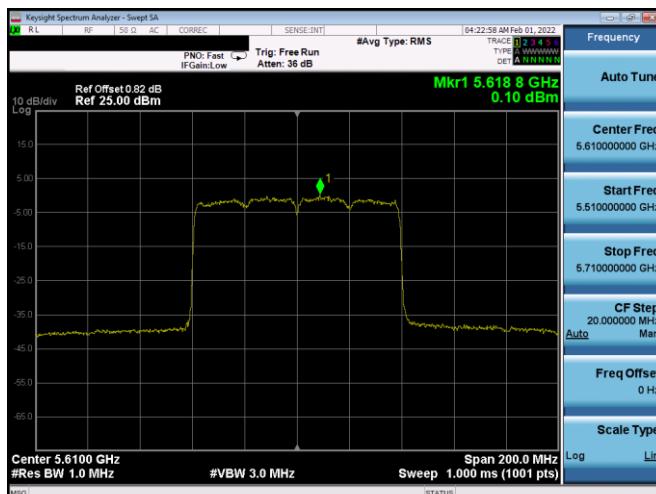
Plot 7-590. PSD CDD Primary Antenna 1B (40MHz BW 802.11ax(SU) – Ch. 110, MCS5)



Plot 7-593. PSD CDD Primary Antenna 2B (80MHz BW 802.11ax(SU) – Ch. 122, MCS5)



Plot 7-591. PSD CDD Primary Antenna 2B (80MHz BW 802.11ac – Ch. 122, MCS5)



Plot 7-594. PSD CDD Primary Antenna 1B (80MHz BW 802.11ax(SU) – Ch. 122, MCS5)

FCC ID: BCGA2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 205 of 564

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 2B Power Density [dBm/500kHz]	Antenna 1B Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	13/14.4 (MCS8)	5.31	5.07	8.20	30.0	-21.80
	5785	157	n (20MHz)	CDD	13/14.4 (MCS8)	5.09	5.20	8.16	30.0	-21.84
	5825	165	n (20MHz)	CDD	13/14.4 (MCS8)	5.32	5.80	8.57	30.0	-21.43
	5745	149	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	5.02	4.34	7.70	30.0	-22.30
	5785	157	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	4.67	4.65	7.67	30.0	-22.33
	5825	165	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	4.81	4.77	7.80	30.0	-22.20
	5755	151	n (40MHz)	CDD	27/30 (MCS8)	2.67	2.51	5.60	30.0	-24.40
	5795	159	n (40MHz)	CDD	27/30 (MCS8)	2.82	2.96	5.90	30.0	-24.10
	5755	151	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	0.94	1.12	4.04	30.0	-25.96
	5795	159	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	1.49	1.25	4.38	30.0	-25.62
	5775	155	ac (80MHz)	CDD	58.5/65 (MCS0)	-1.98	-1.27	1.40	30.0	-28.60
	5775	155	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	-3.84	-3.28	-0.54	30.0	-30.54

Table 7-188. Band 3 Power Spectral Density Measurements CDD Primary Antenna (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 2B Power Density [dBm/500kHz]	Antenna 1B Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	52/57.8 (MCS11)	5.83	5.75	8.80	30.0	-21.20
	5785	157	n (20MHz)	CDD	52/57.8 (MCS11)	5.99	5.86	8.93	30.0	-21.07
	5825	165	n (20MHz)	CDD	52/57.8 (MCS11)	5.80	6.11	8.97	30.0	-21.03
	5745	149	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	5.22	4.84	8.05	30.0	-21.95
	5785	157	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	5.06	4.97	8.02	30.0	-21.98
	5825	165	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	5.15	5.17	8.17	30.0	-21.83
	5755	151	n (40MHz)	CDD	108/120 (MCS11)	2.93	3.41	6.19	30.0	-23.81
	5795	159	n (40MHz)	CDD	108/120 (MCS11)	3.17	3.36	6.27	30.0	-23.73
	5755	151	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	1.19	1.42	4.32	30.0	-25.68
	5795	159	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	1.84	1.23	4.55	30.0	-25.45
	5775	155	ac (80MHz)	CDD	234/260 (MCS3)	-2.00	-1.95	1.03	30.0	-28.97
	5775	155	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	-3.40	-3.39	-0.39	30.0	-30.39

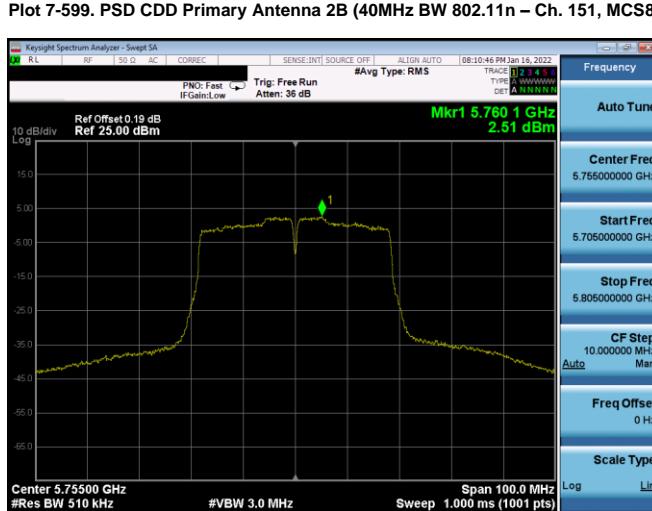
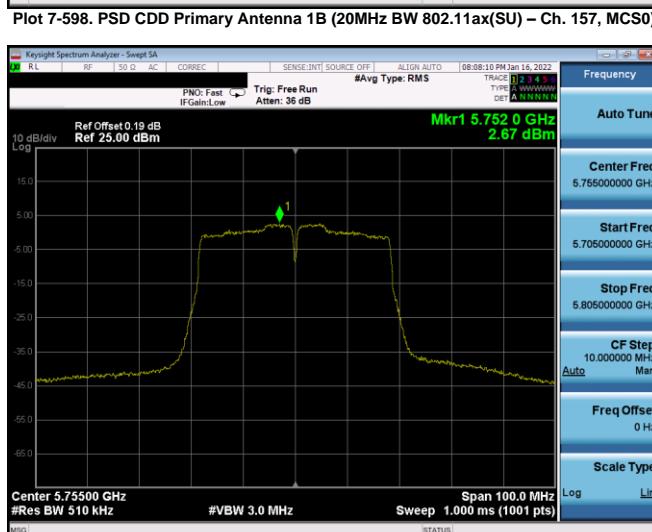
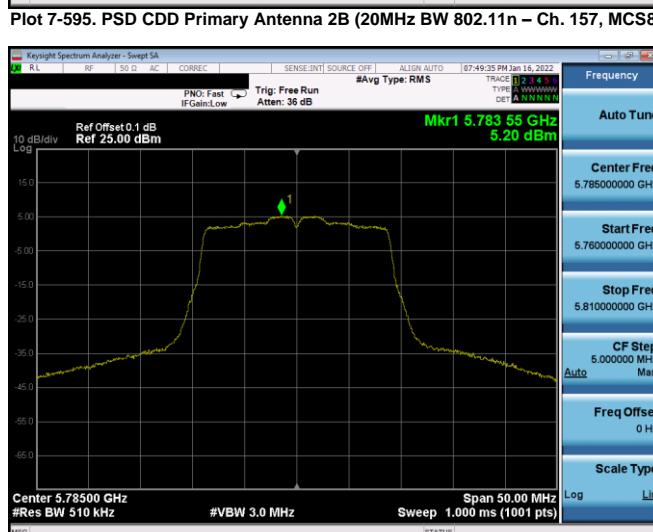
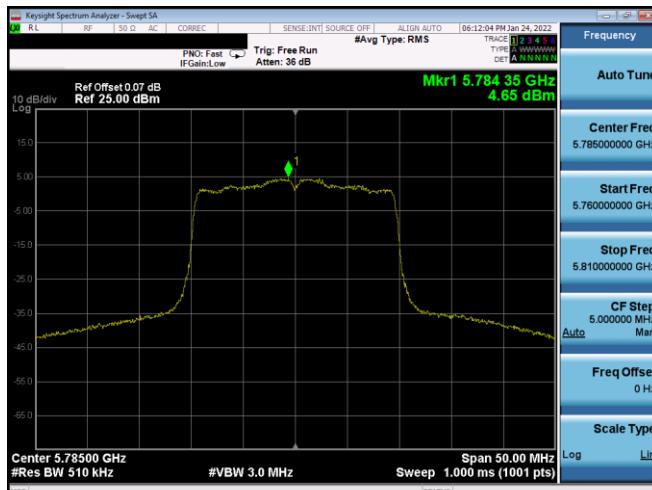
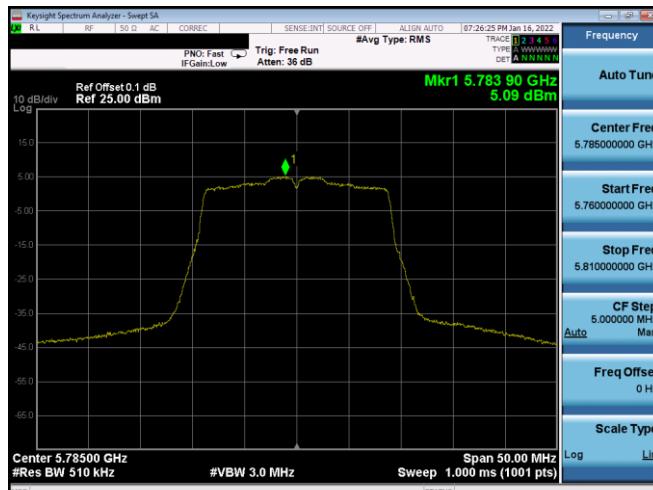
Table 7-189. Band 3 Power Spectral Density Measurements CDD Primary Antenna (Mid Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 2B Power Density [dBm/500kHz]	Antenna 1B Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	104/115.6 (MCS13)	6.62	6.96	9.80	30.0	-20.20
	5785	157	n (20MHz)	CDD	104/115.6 (MCS13)	6.49	6.90	9.71	30.0	-20.29
	5825	165	n (20MHz)	CDD	104/115.6 (MCS13)	6.45	6.79	9.63	30.0	-20.37
	5745	149	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	6.29	6.53	9.42	30.0	-20.58
	5785	157	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	6.04	6.17	9.12	30.0	-20.88
	5825	165	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	6.08	6.48	9.29	30.0	-20.71
	5755	151	n (40MHz)	CDD	216/240 (MCS13)	1.78	1.95	4.88	30.0	-25.12
	5795	159	n (40MHz)	CDD	216/240 (MCS13)	1.77	1.59	4.69	30.0	-25.31
	5755	151	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	1.16	0.97	4.08	30.0	-25.92
	5795	159	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	1.32	1.28	4.31	30.0	-25.69
	5775	155	ac (80MHz)	CDD	468/520 (MCS5)	-4.13	-4.77	-1.43	30.0	-31.43
	5775	155	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-3.97	-3.91	-0.93	30.0	-30.93

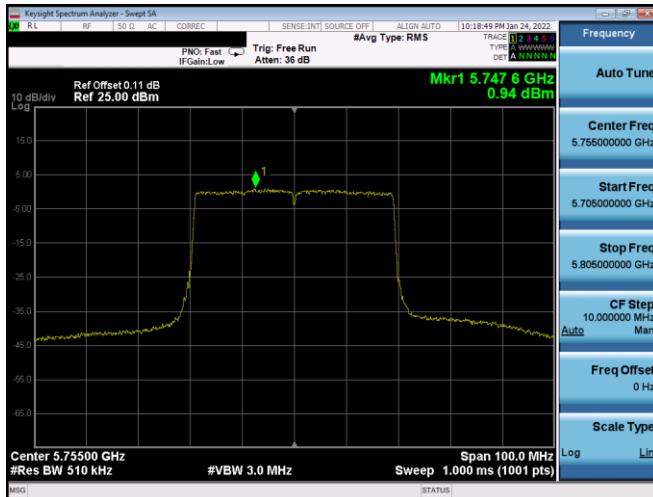
Table 7-190. Band 3 Power Spectral Density Measurements CDD Primary Antenna (High Data Rate)

FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 206 of 564

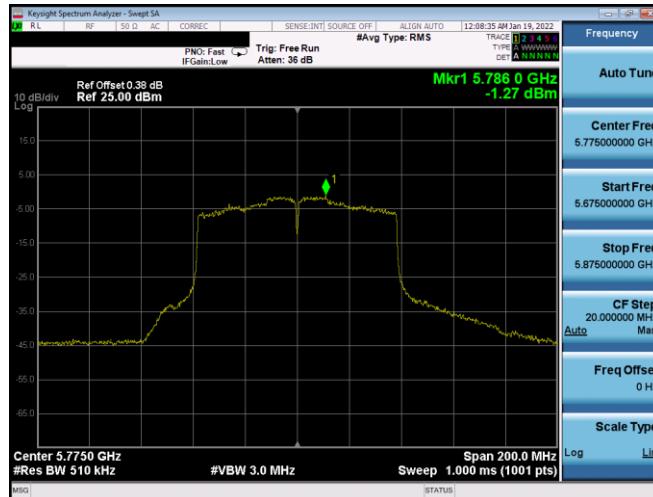
Low Data Rate



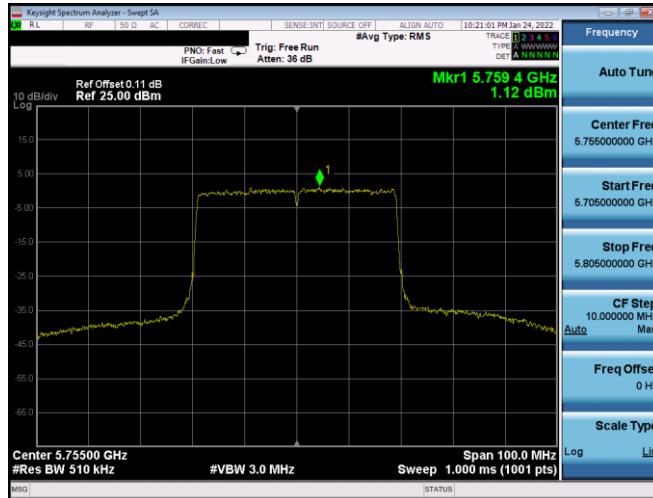
FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 207 of 564



Plot 7-601. PSD CDD Primary Antenna 2B (40MHz BW 802.11ax(SU) – Ch. 151, MCS0)



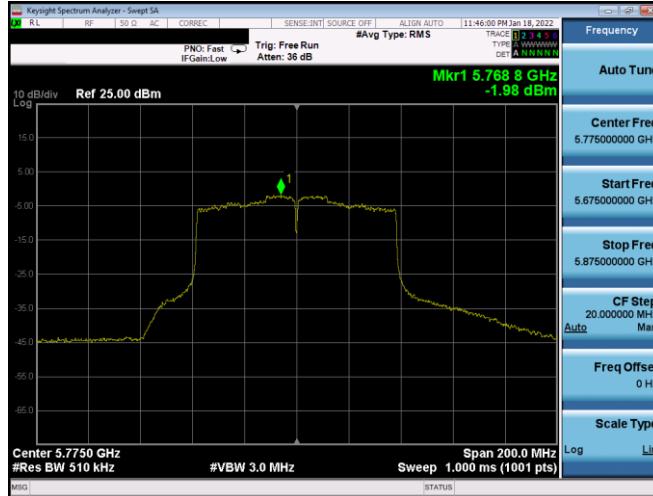
Plot 7-604. PSD CDD Primary Antenna 1B (80MHz BW 802.11ac – Ch. 155, MCS0)



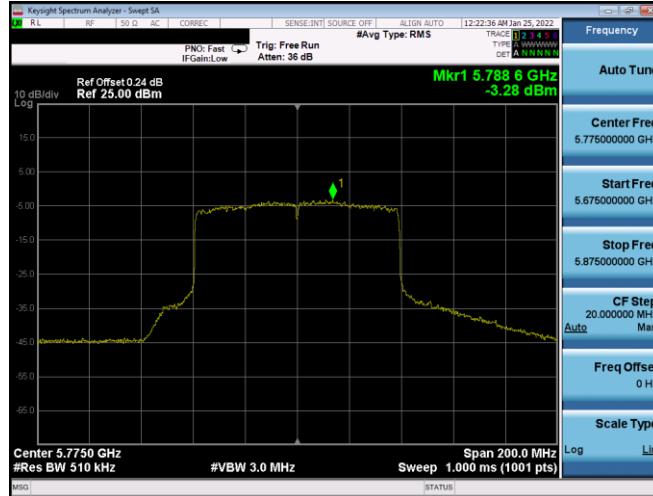
Plot 7-602. PSD CDD Primary Antenna 1B (40MHz BW 802.11ax(SU) – Ch. 151, MCS0)



Plot 7-605. PSD CDD Primary Antenna 2B (80MHz BW 802.11ax(SU) – Ch. 155, MCS0)



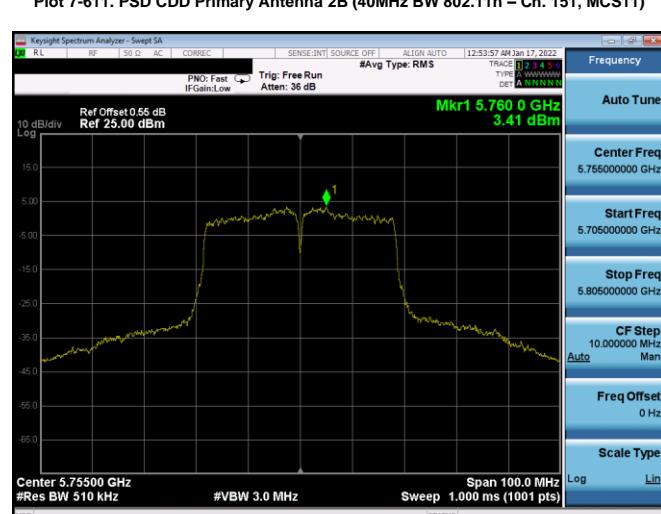
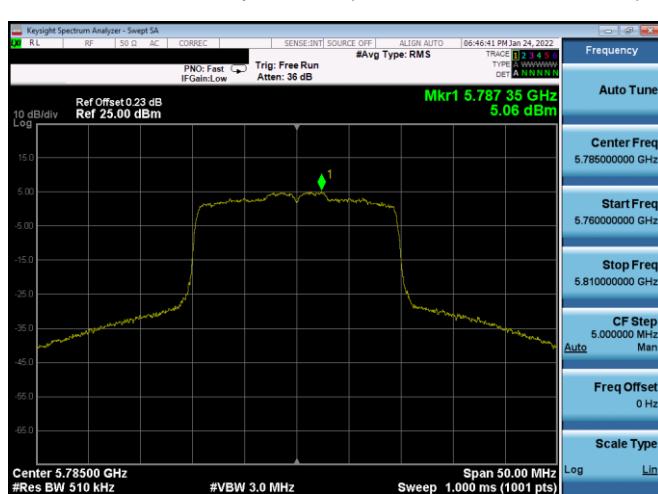
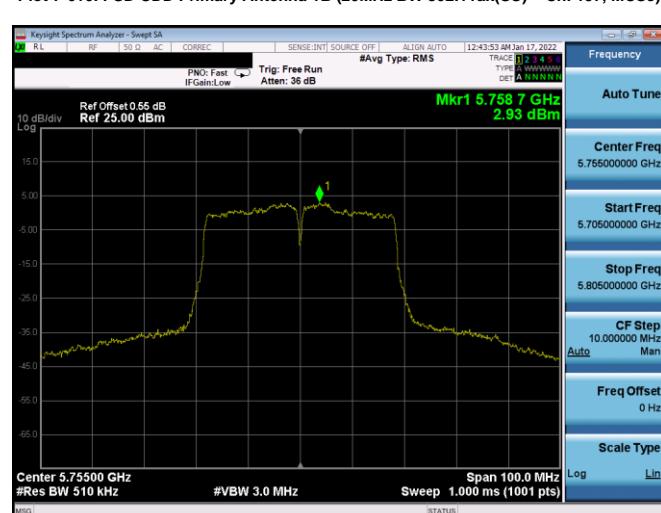
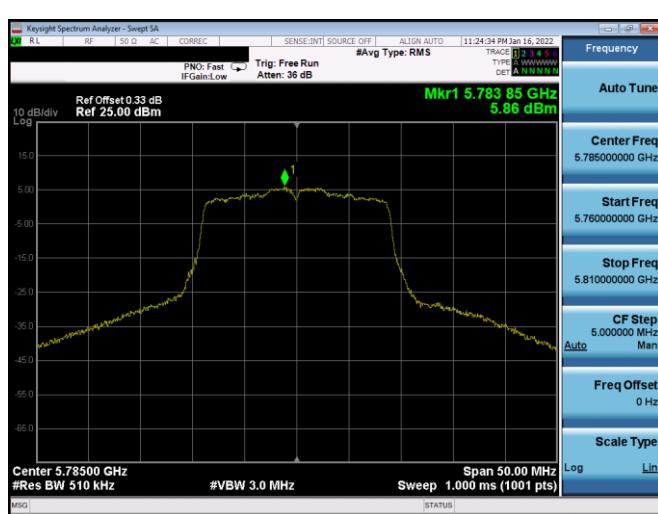
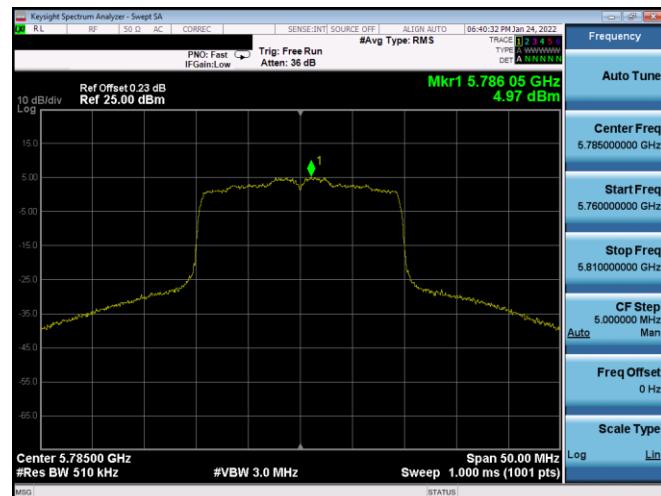
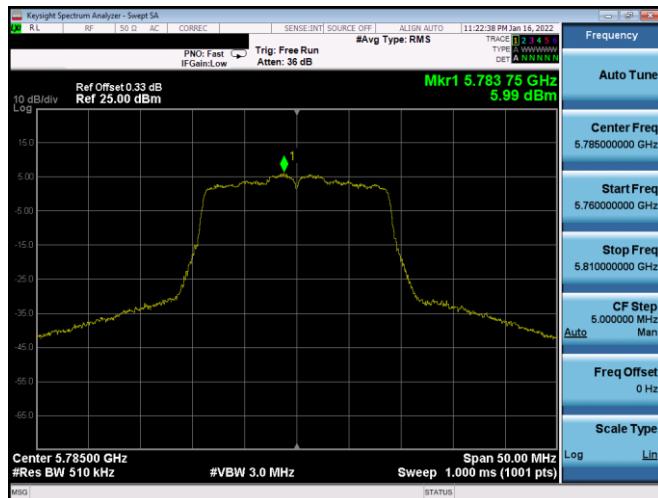
Plot 7-603. PSD CDD Primary Antenna 2B (80MHz BW 802.11ac – Ch. 155, MCS0)



Plot 7-606. PSD CDD Primary Antenna 1B (80MHz BW 802.11ax(SU) – Ch. 155, MCS0)

FCC ID: BCGA2589	 PCTEST[®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 208 of 564

Mid Data Rate



FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 209 of 564