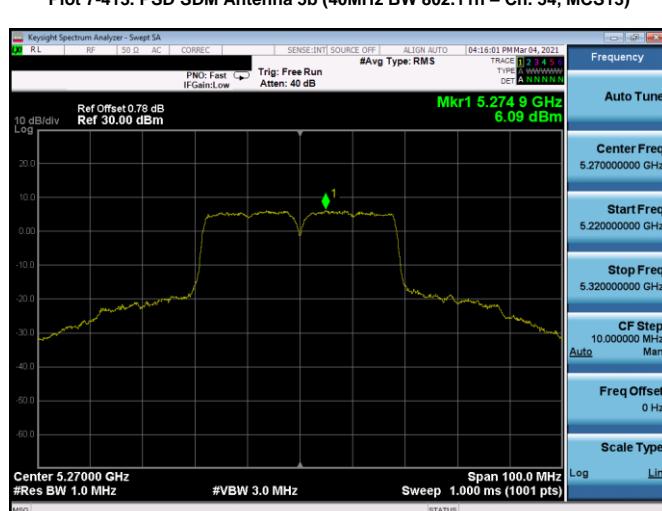
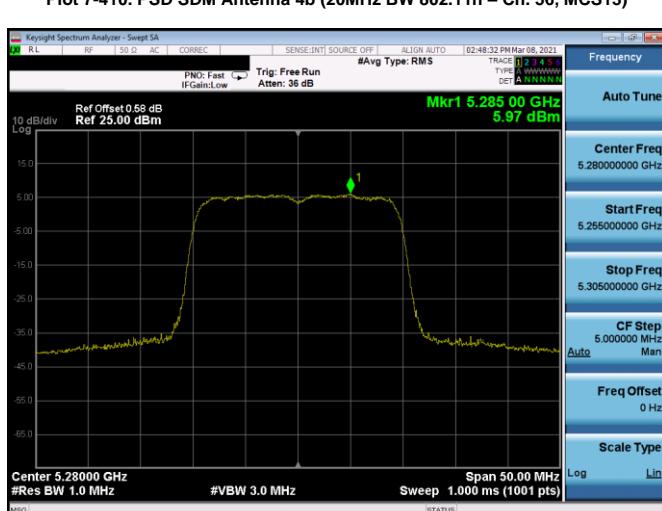
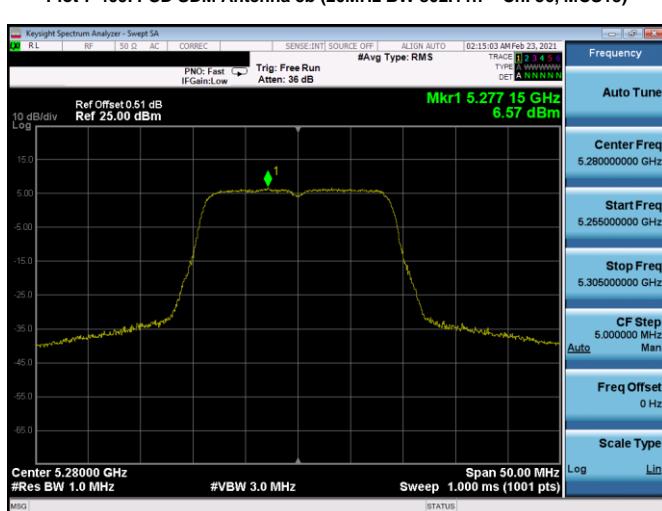
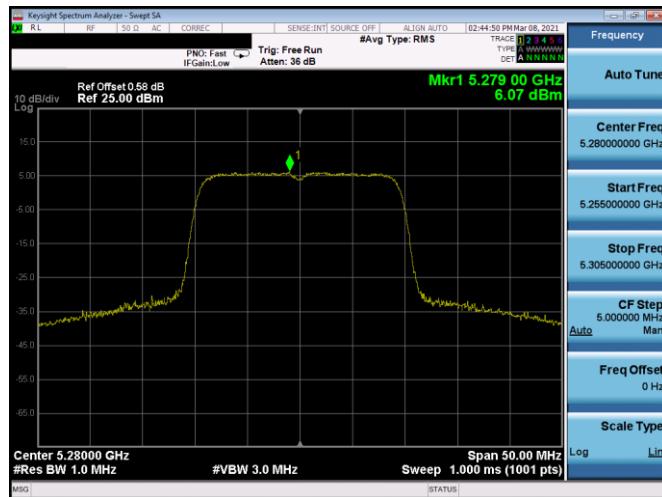
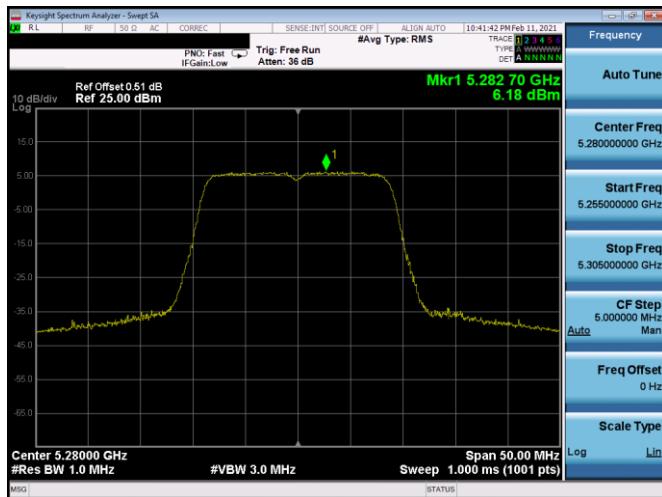
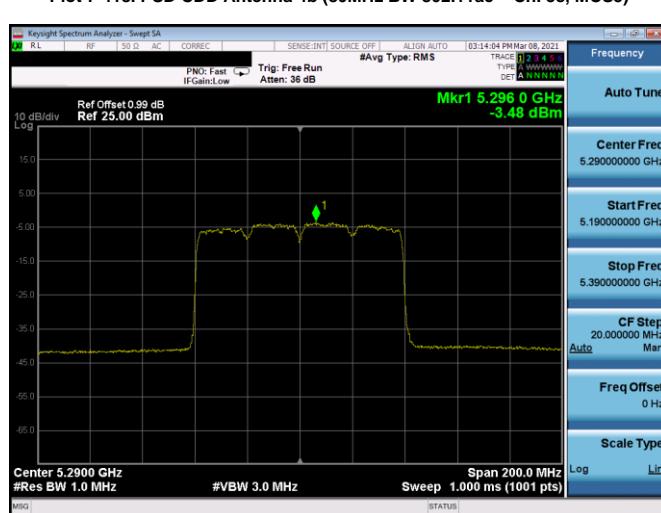
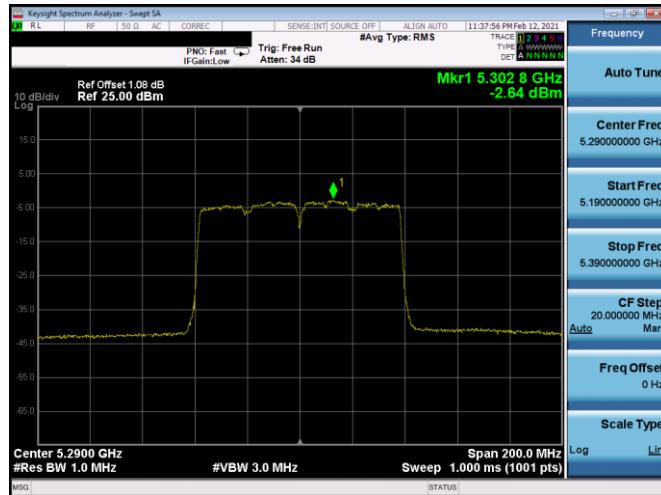
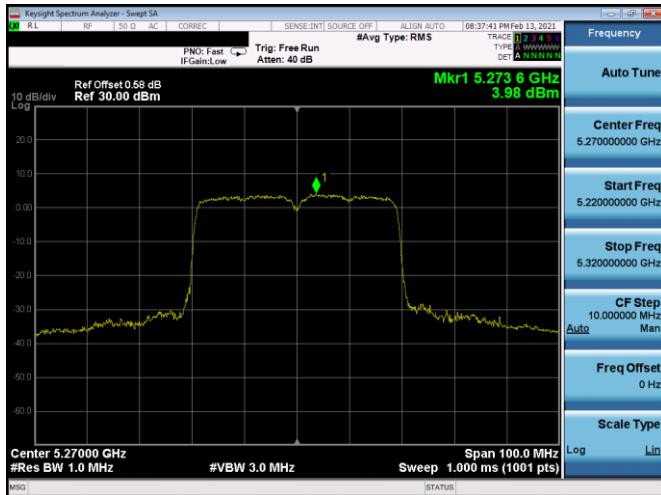


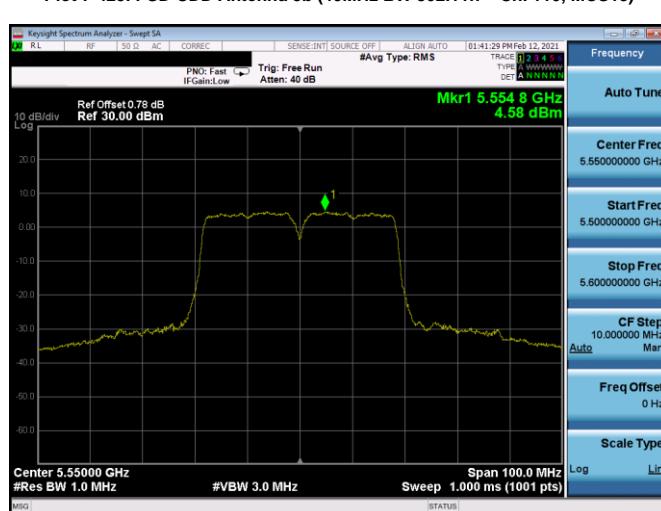
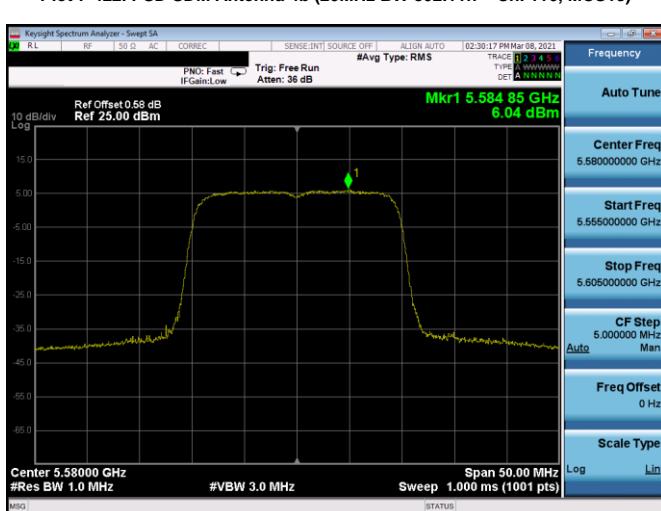
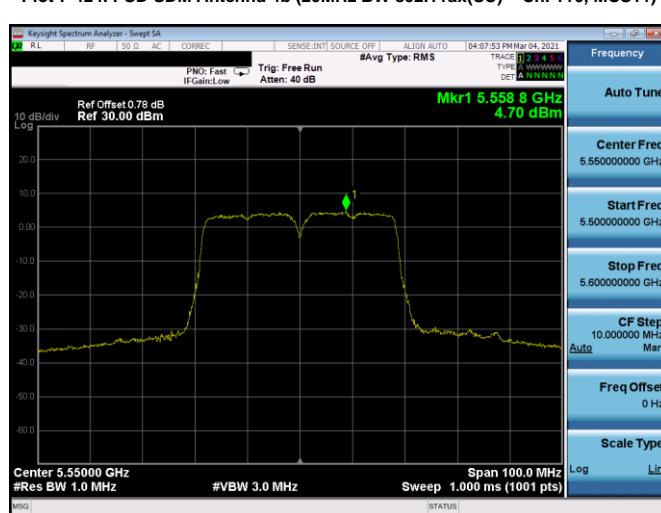
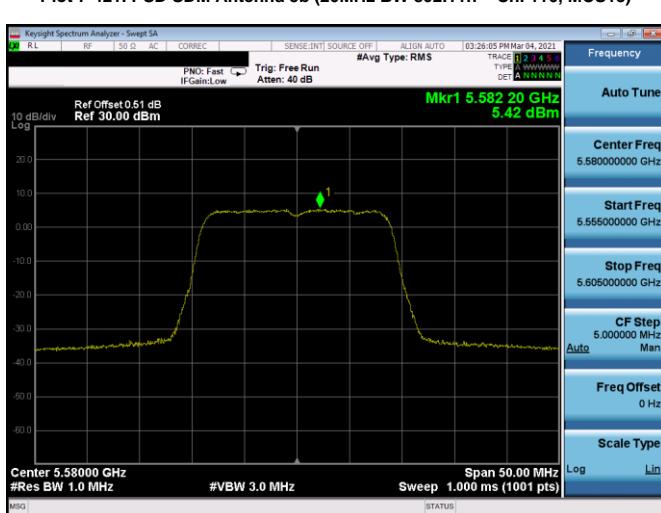
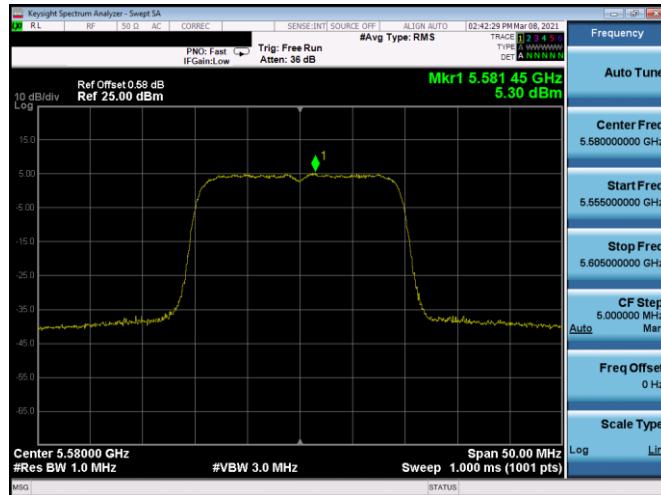
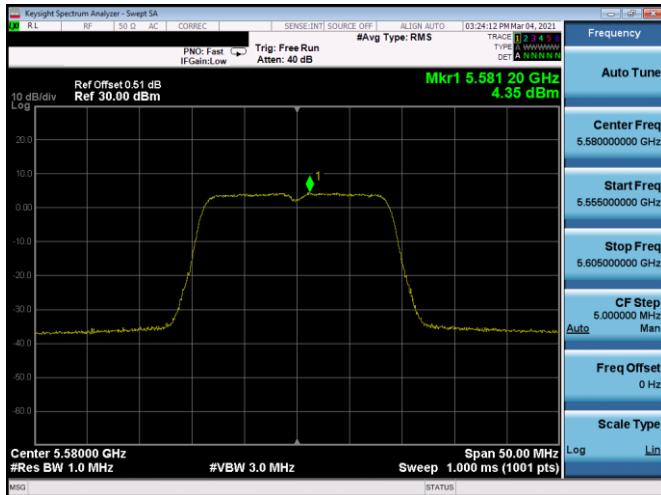
FCC ID: BCGA2301 IC: 579C-A2301	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 144 of 354	



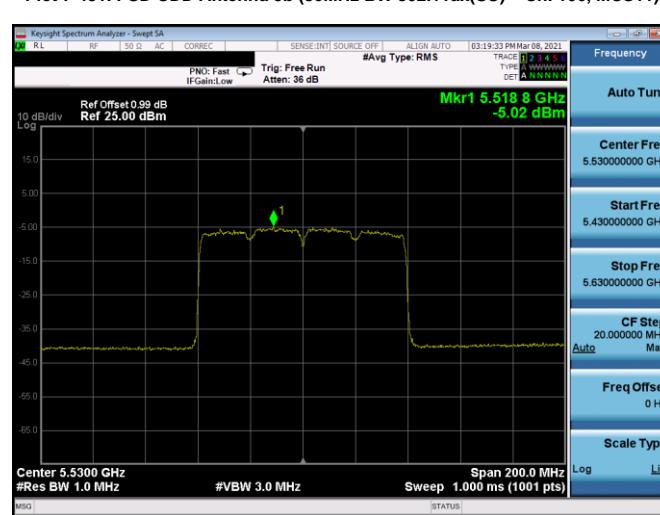
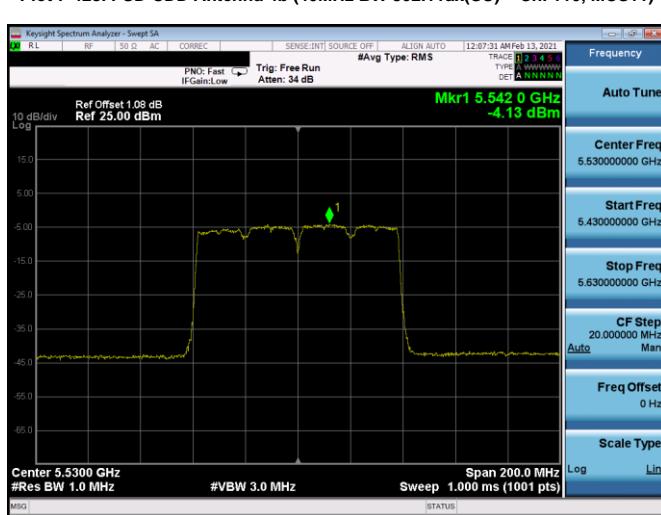
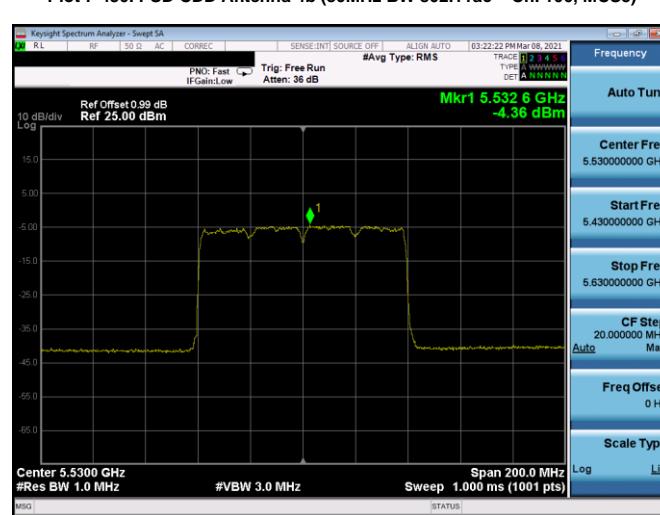
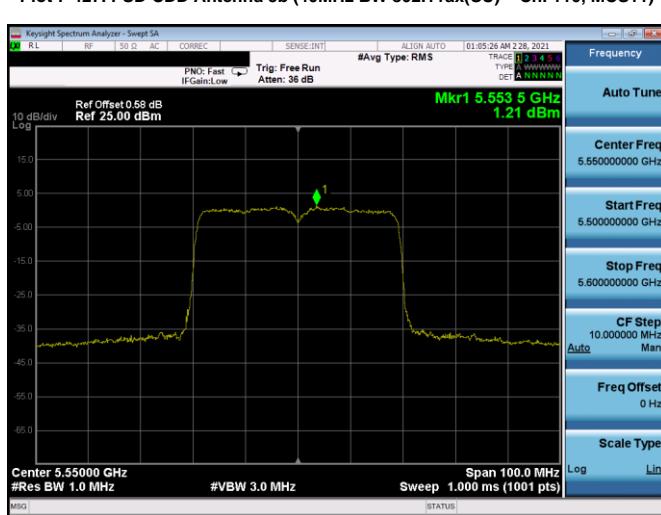
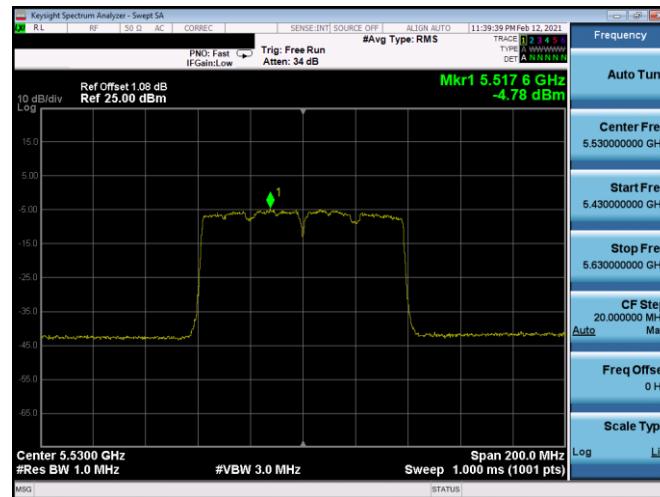
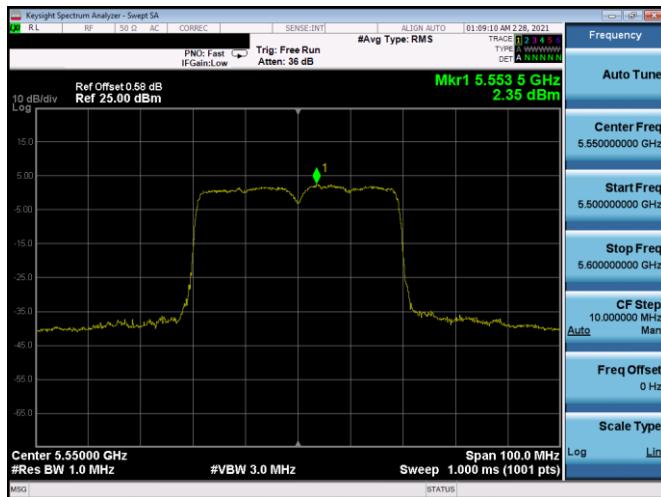
FCC ID: BCGA2301 IC: 579C-A2301	PCTEST Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 145 of 354	



FCC ID: BCGA2301 IC: 579C-A2301	PCTEST® Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 146 of 354	



FCC ID: BCGA2301 IC: 579C-A2301	 PCTEST Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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FCC ID: BCGA2301 IC: 579C-A2301	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
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	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/500kHz]	Antenna 4b 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)	6.85	6.48	9.68	28.78	-19.10
	5785	157	n (20MHz)	CDD	13/14.4 (MCS8)	6.64	6.78	9.72	28.78	-19.06
	5825	165	n (20MHz)	CDD	13/14.4 (MCS8)	6.42	6.87	9.66	28.78	-19.12
	5745	149	ax-SU (20MHz)	CDD	16/17.2 (MCS0)	7.37	6.47	9.95	28.78	-18.82
	5785	157	ax-SU (20MHz)	CDD	16/17.2 (MCS0)	6.36	7.24	9.83	28.78	-18.94
	5825	165	ax-SU (20MHz)	CDD	16/17.2 (MCS0)	6.34	6.50	9.43	28.78	-19.35
	5755	151	n (40MHz)	CDD	27/30 (MCS8)	1.15	1.43	4.30	28.78	-24.47
	5795	159	n (40MHz)	CDD	27/30 (MCS8)	1.19	2.03	4.64	28.78	-24.14
	5755	151	ax-SU (40MHz)	CDD	32/34.4 (MCS0)	2.17	1.91	5.05	28.78	-23.73
	5795	159	ax-SU (40MHz)	CDD	32/34.4 (MCS0)	2.02	2.62	5.34	28.78	-23.44
	5775	155	ac (80MHz)	CDD	58.5/65 (MCS0)	0.48	0.67	3.59	28.78	-25.19
	5775	155	ax-SU (80MHz)	CDD	68/72 (MCS0)	-0.80	-0.41	2.41	28.78	-26.37

Table 7-113. Band 3 Power Spectral Density Measurements CDD (Low Data Rate)

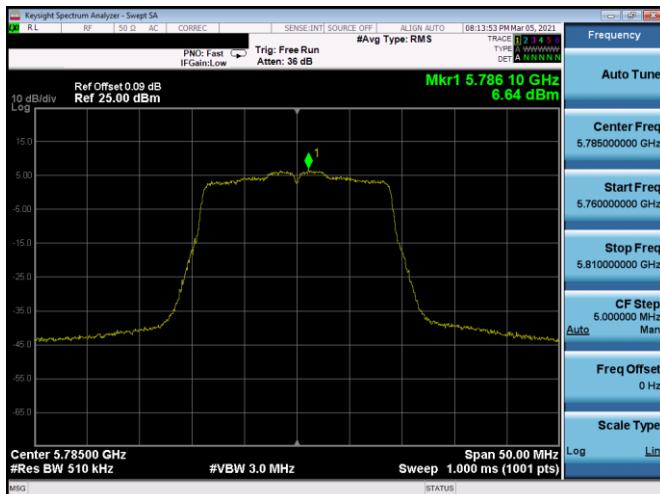
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/500kHz]	Antenna 4b Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	52/57.8 (MCS11)	7.27	7.17	10.23	28.78	-18.55
	5785	157	n (20MHz)	CDD	52/57.8 (MCS11)	7.16	7.32	10.25	28.78	-18.53
	5825	165	n (20MHz)	CDD	52/57.8 (MCS11)	6.94	7.49	10.23	28.78	-18.54
	5745	149	ax-SU (20MHz)	CDD	66/68.8 (MCS3)	7.90	7.29	10.62	28.78	-18.16
	5785	157	ax-SU (20MHz)	CDD	66/68.8 (MCS3)	7.03	7.52	10.29	28.78	-18.49
	5825	165	ax-SU (20MHz)	CDD	66/68.8 (MCS3)	6.66	6.97	9.83	28.78	-18.95
	5755	151	n (40MHz)	CDD	108/120 (MCS11)	1.75	1.87	4.82	28.78	-23.96
	5795	159	n (40MHz)	CDD	108/120 (MCS11)	1.60	2.25	4.95	28.78	-23.83
	5755	151	ax-SU (40MHz)	CDD	130/137.6 (MCS3)	2.38	2.10	5.25	28.78	-23.52
	5795	159	ax-SU (40MHz)	CDD	130/137.6 (MCS3)	2.38	2.89	5.65	28.78	-23.12
	5775	155	ac (80MHz)	CDD	234/260 (MCS3)	0.42	0.38	3.41	28.78	-25.37
	5775	155	ax-SU (80MHz)	CDD	272/288.2 (MCS3)	-1.61	-1.48	1.47	28.78	-27.31

Table 7-114. Band 3 Power Spectral Density Measurements CDD (Mid Data Rate)

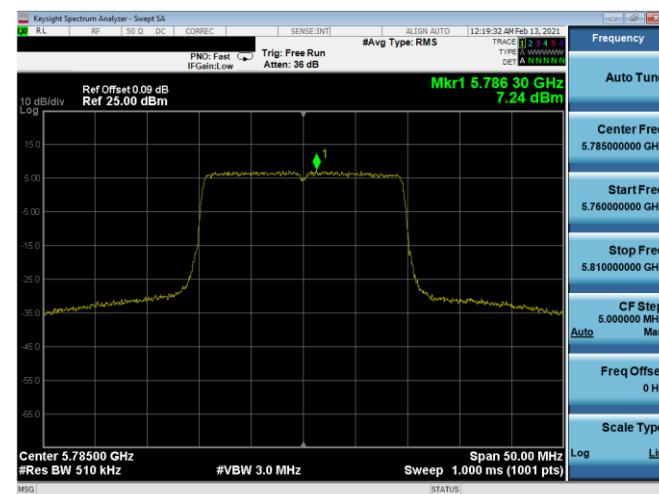
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/500kHz]	Antenna 4b Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	104/115.6 (MCS13)	6.13	6.01	9.08	28.78	-19.70
	5785	157	n (20MHz)	CDD	104/115.6 (MCS13)	6.23	6.13	9.19	28.78	-19.59
	5825	165	n (20MHz)	CDD	104/115.6 (MCS13)	6.12	6.19	9.17	28.78	-19.61
	5745	149	ax-SU (20MHz)	CDD	270/286.8 (MCS11)	7.86	6.69	10.32	28.78	-18.45
	5785	157	ax-SU (20MHz)	CDD	270/286.8 (MCS11)	6.99	6.68	9.85	28.78	-18.93
	5825	165	ax-SU (20MHz)	CDD	270/286.8 (MCS11)	6.79	6.18	9.51	28.78	-19.27
	5755	151	n (40MHz)	CDD	216/240 (MCS13)	0.13	0.56	3.36	28.78	-25.42
	5795	159	n (40MHz)	CDD	216/240 (MCS13)	0.06	1.11	3.63	28.78	-25.15
	5755	151	ax-SU (40MHz)	CDD	542/573.5 (MCS11)	3.58	3.07	6.34	28.78	-22.43
	5795	159	ax-SU (40MHz)	CDD	542/573.5 (MCS11)	2.72	3.06	5.90	28.78	-22.87
	5775	155	ac (80MHz)	CDD	468/520 (MCS5)	-1.31	-1.14	1.79	28.78	-26.99
	5775	155	ax-SU (80MHz)	CDD	1134/1201 (MCS11)	-2.87	-2.35	0.41	28.78	-28.37

Table 7-115. Band 3 Power Spectral Density Measurements CDD (High Data Rate)

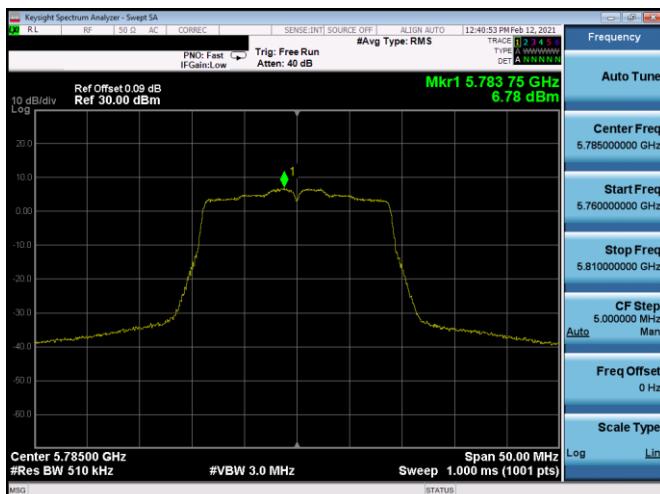
FCC ID: BCGA2301 IC: 579C-A2301	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 149 of 354



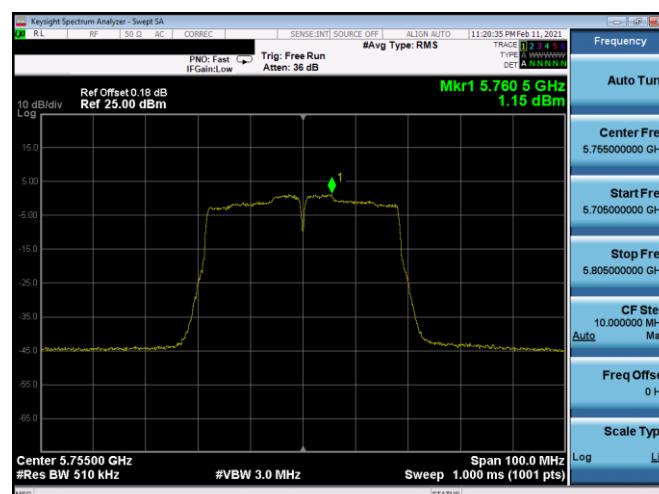
Plot 7-433. PSD CDD Antenna 5b (20MHz BW 802.11n – Ch. 157, MCS8)



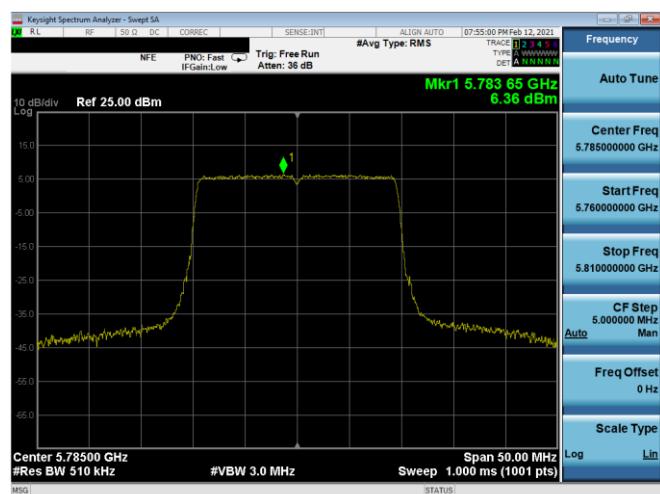
Plot 7-436. PSD CDD Antenna 4b (20MHz BW 802.11ax(SU) – Ch. 157, MCS0)



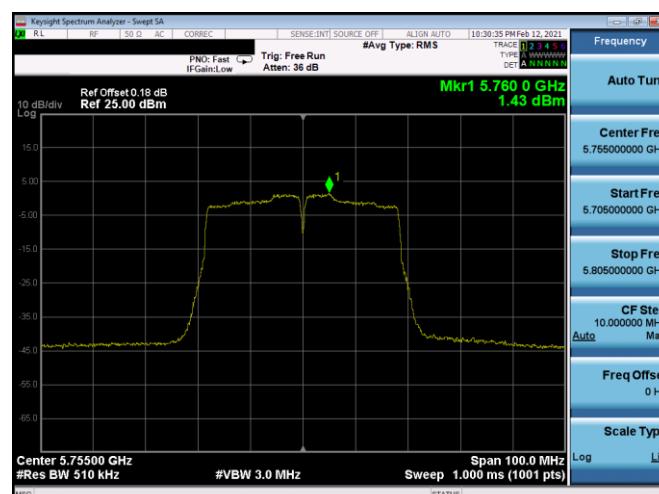
Plot 7-434. PSD CDD Antenna 4b (20MHz BW 802.11n – Ch. 157, MCS8)



Plot 7-437. PSD CDD Antenna 5b (40MHz BW 802.11n – Ch. 151, MCS8)

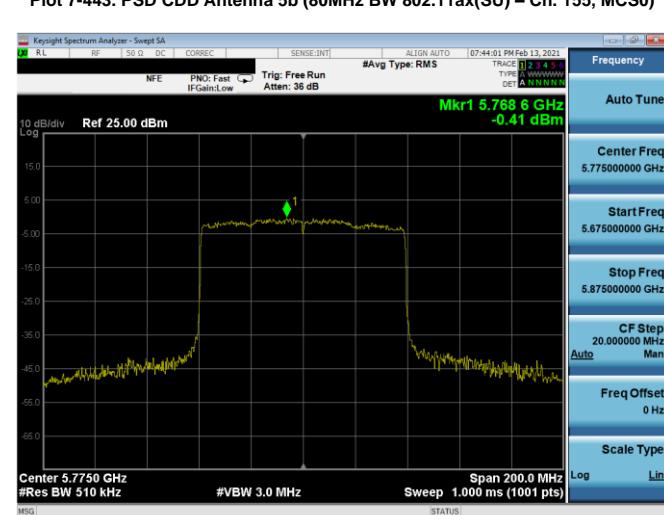
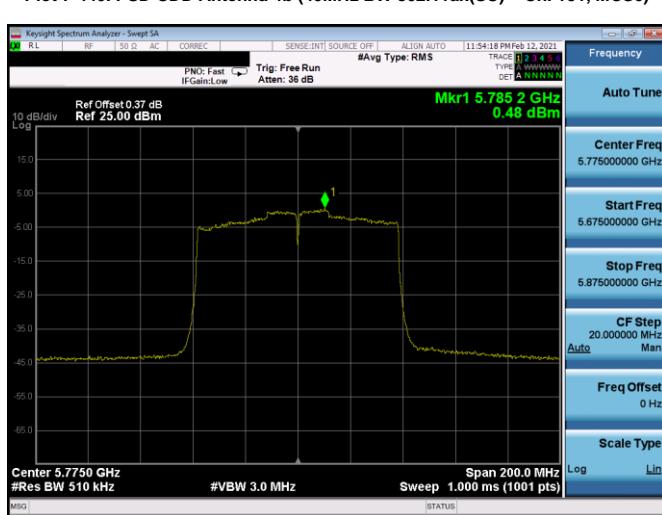
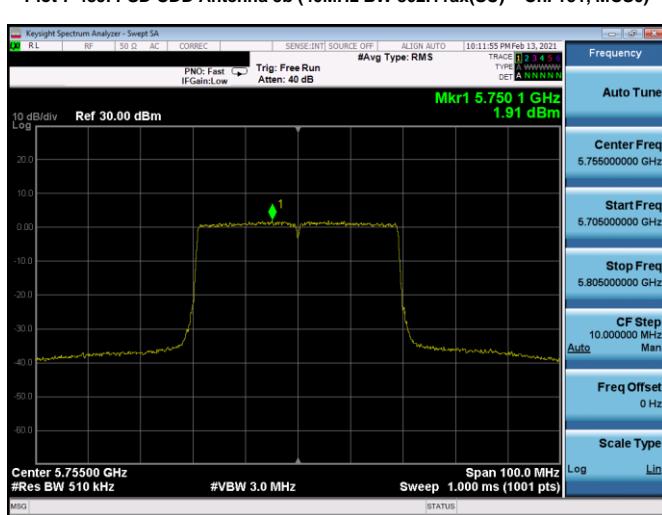
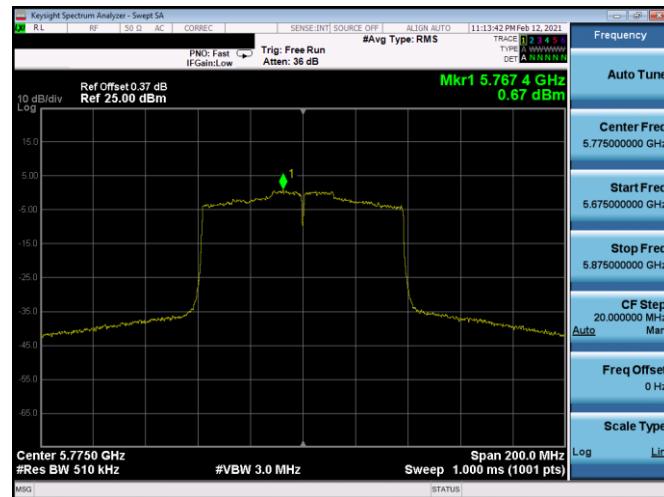
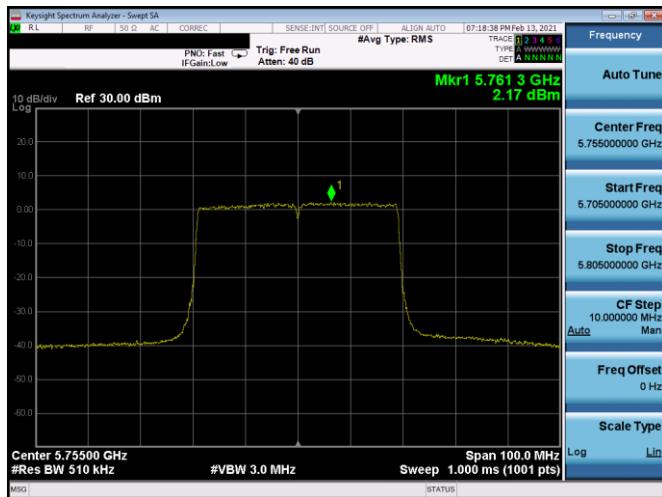


Plot 7-435. PSD CDD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS0)



Plot 7-438. PSD CDD Antenna 4b (40MHz BW 802.11n – Ch. 151, MCS8)

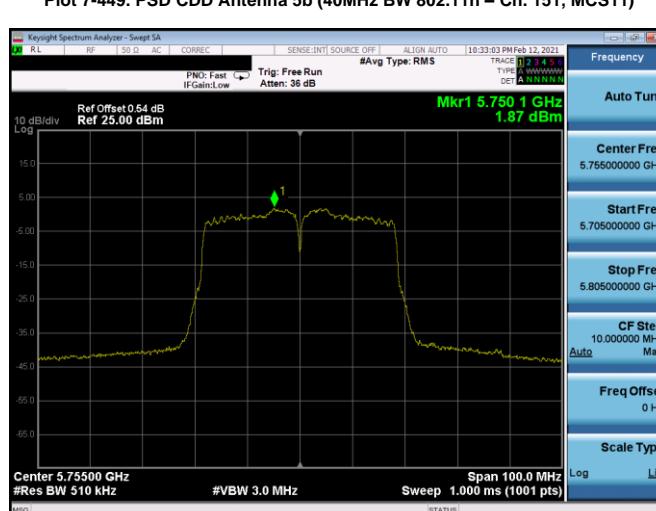
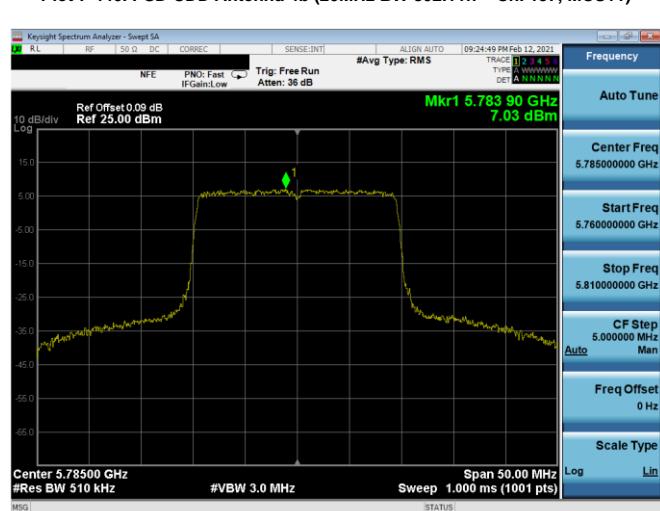
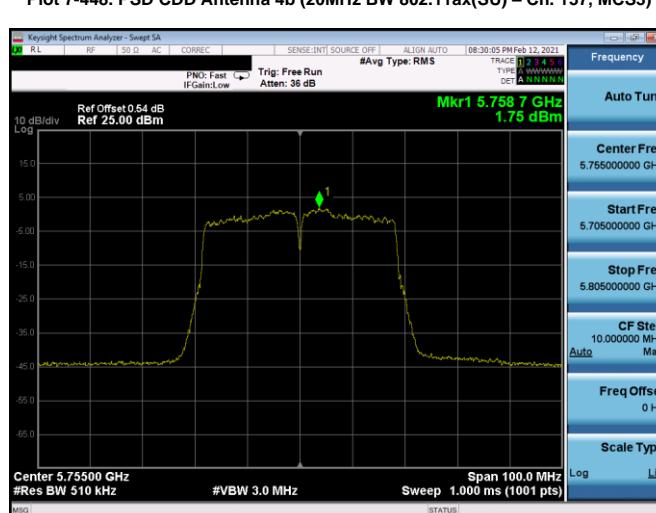
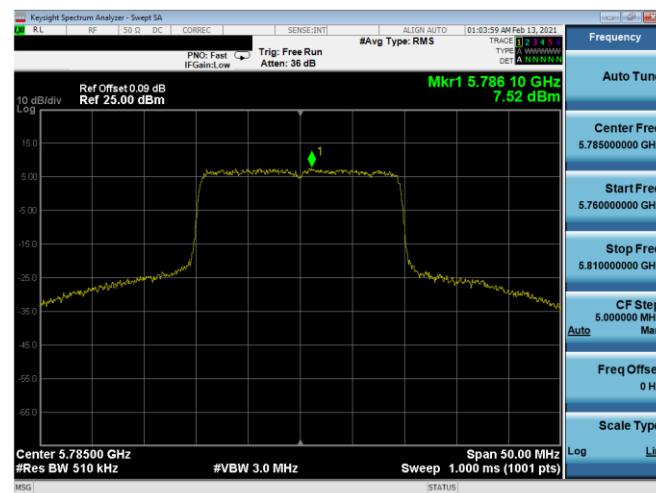
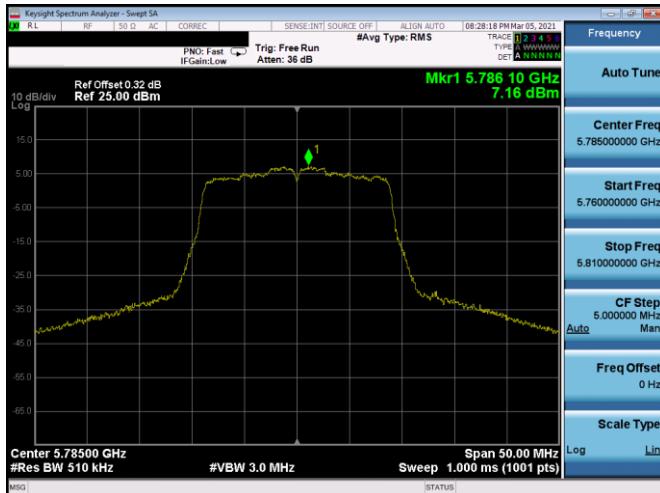
FCC ID: BCGA2301 IC: 579C-A2301	 PCTEST® Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device		Page 150 of 354



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Approved by:
Quality Manager

Test Report S/N:
1C2101020002-15.BCG

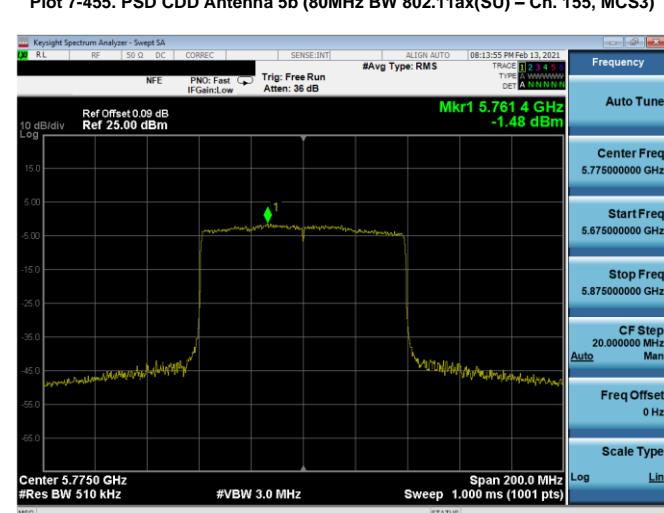
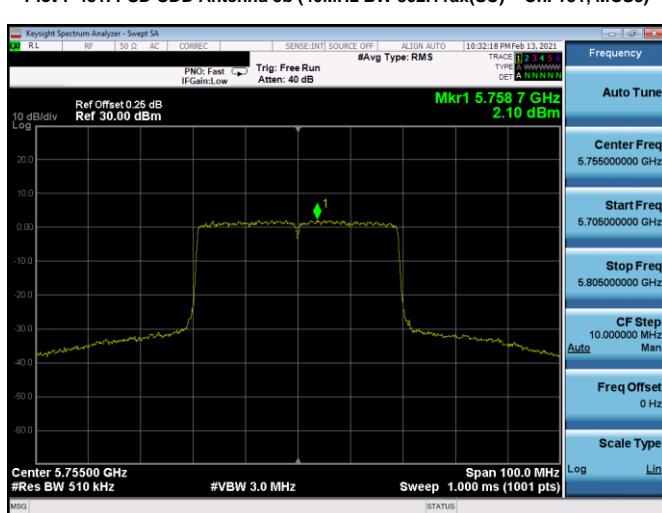
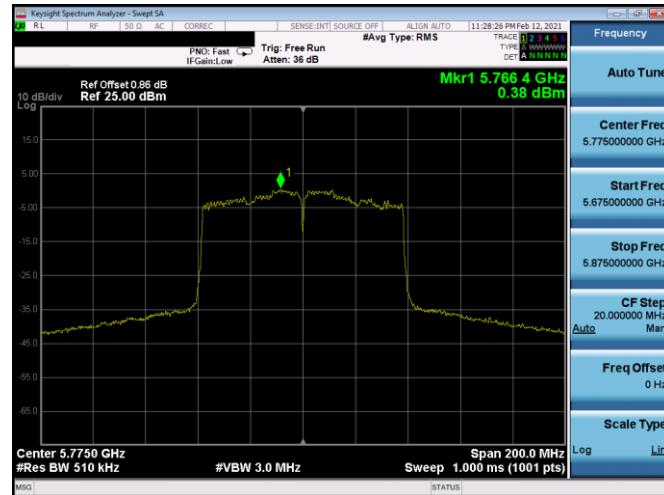
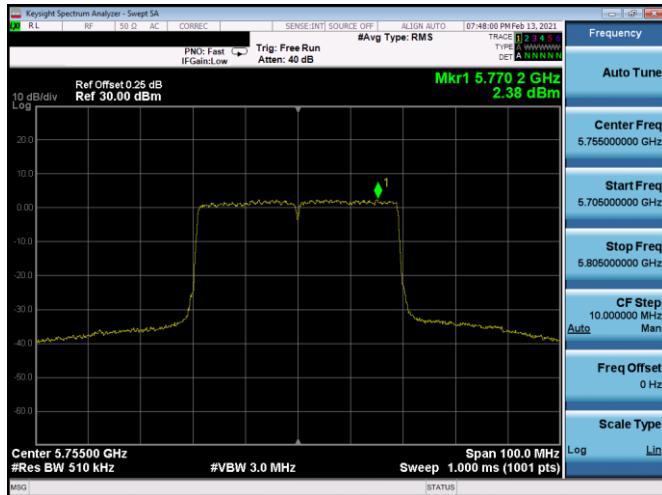
Test Dates:
12/12/2020 - 3/10/2021

EUT Type:
Tablet Device

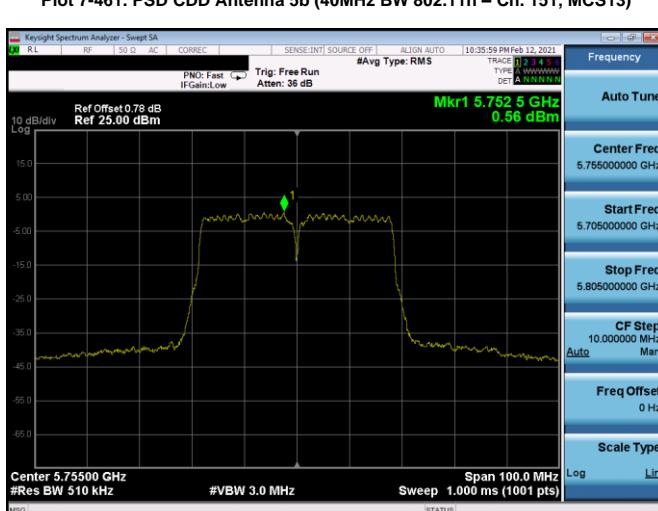
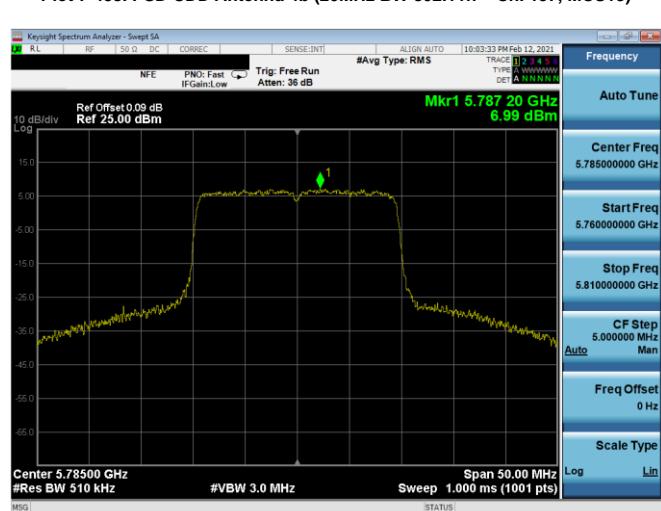
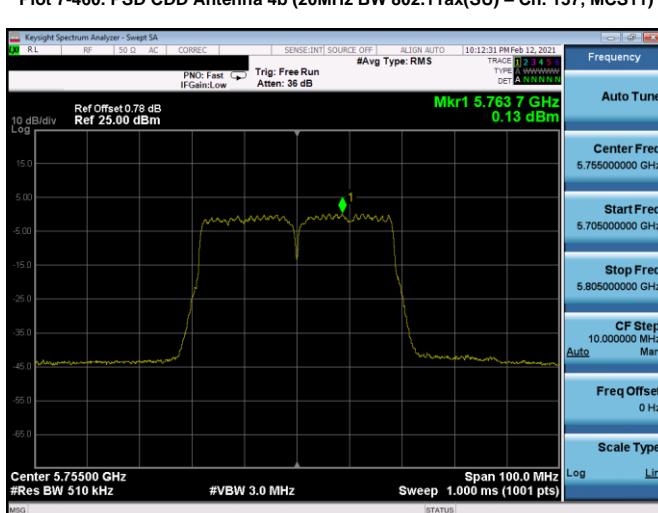
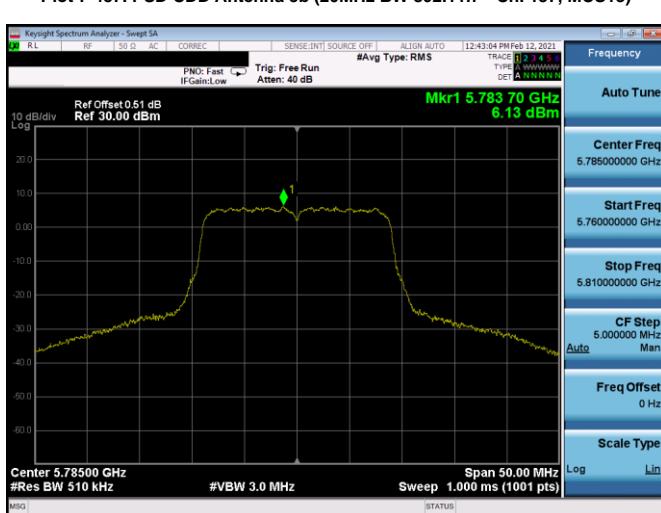
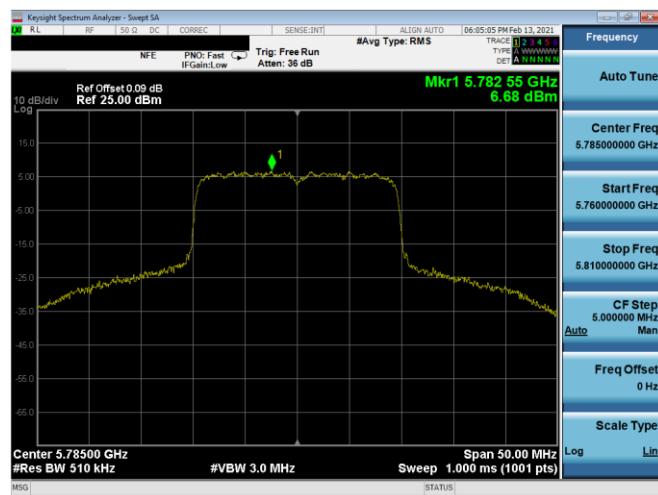
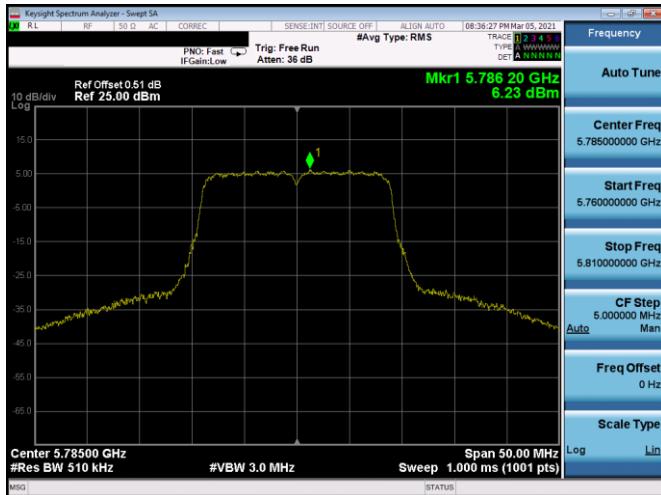
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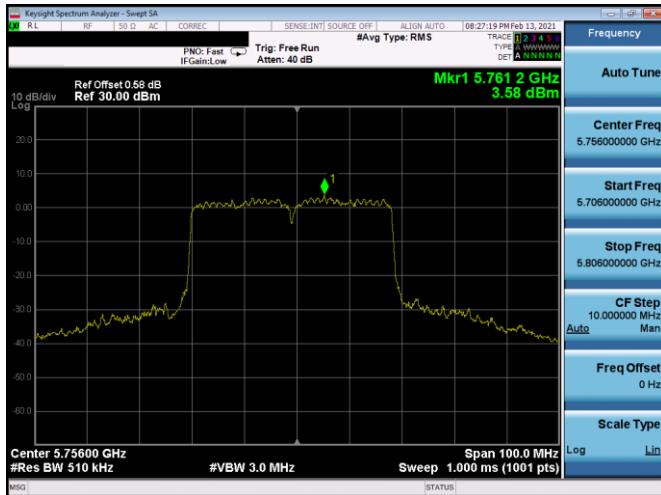
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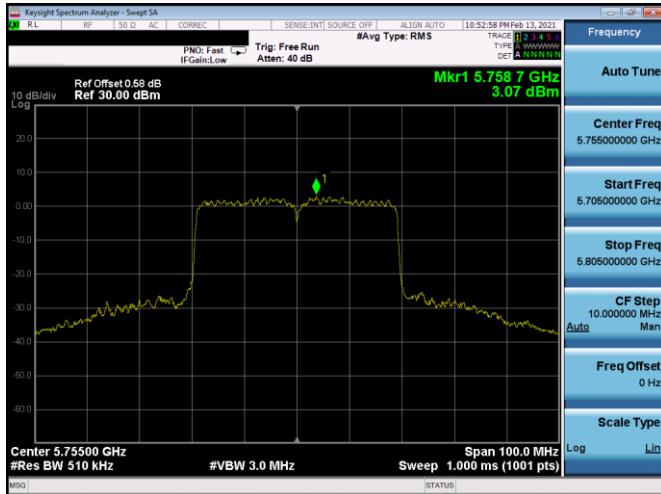
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Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 154 of 354



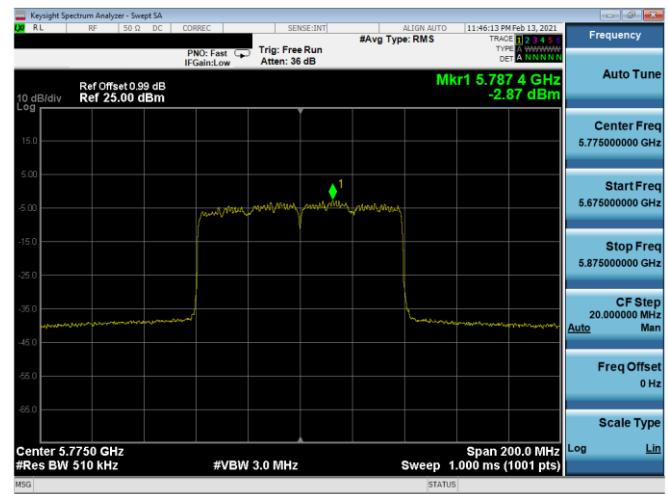
Plot 7-463. PSD CDD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



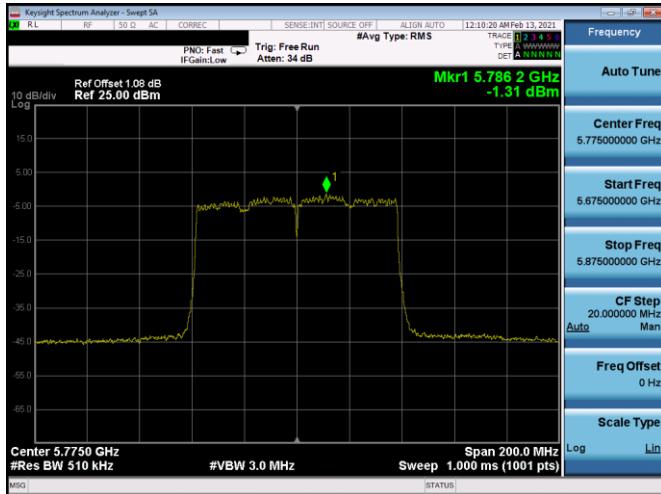
Plot 7-466. PSD CDD Antenna 4b (80MHz BW 802.11ac – Ch. 155, MCS5)



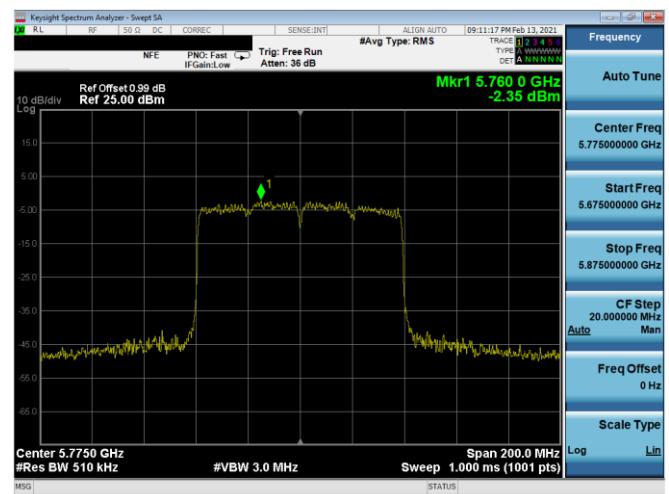
Plot 7-464. PSD CDD Antenna 4b (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



Plot 7-467. PSD CDD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)



Plot 7-465. PSD CDD Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS5)



Plot 7-468. PSD CDD Antenna 4b (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

FCC ID: BCGA2301 IC: 579C-A2301	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
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