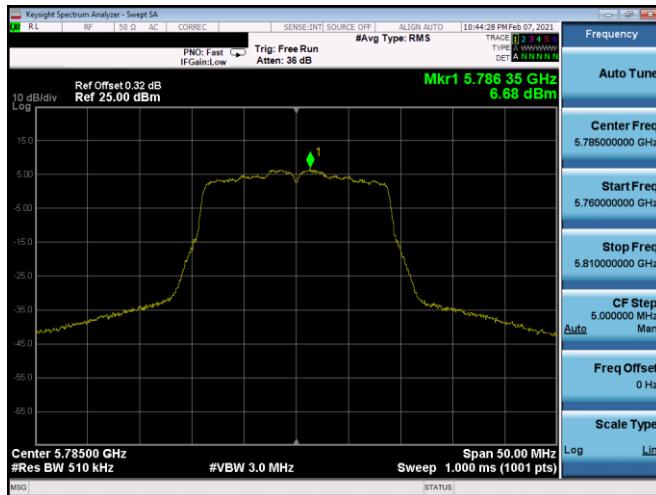
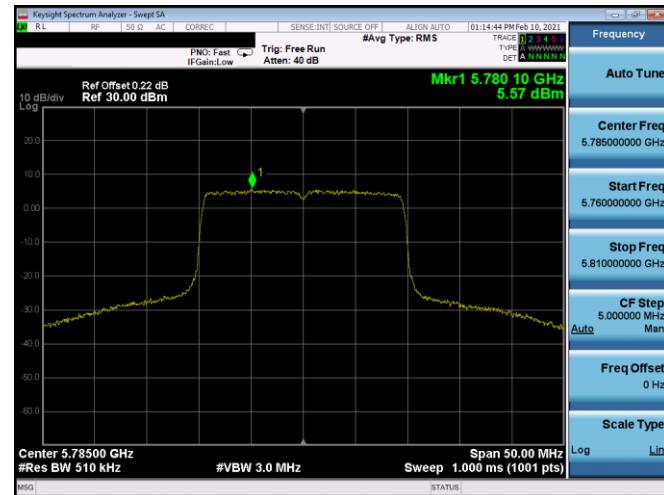


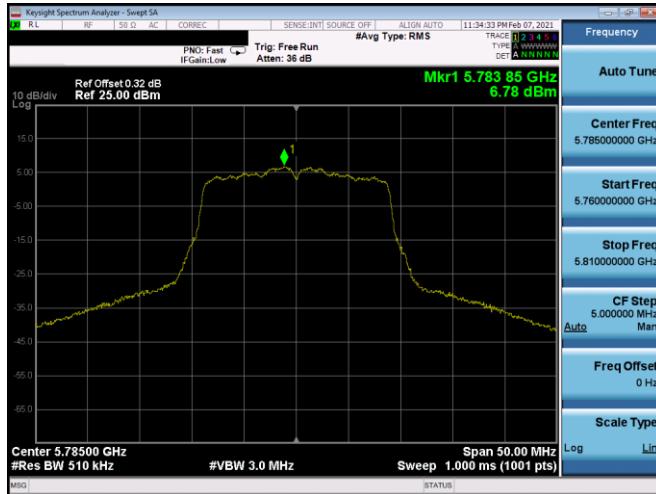
FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 149 of 348



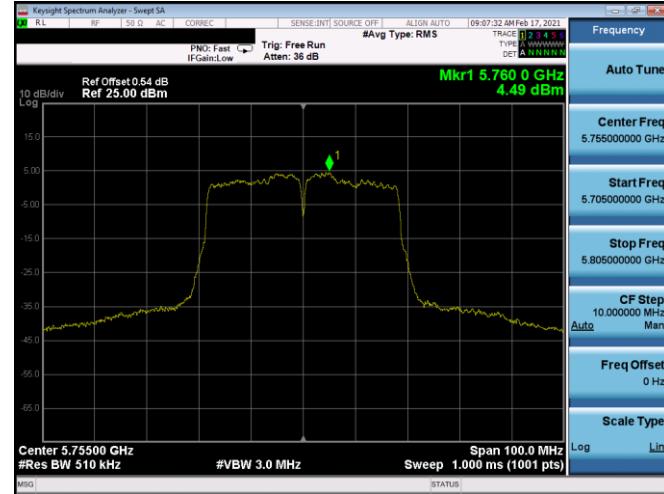
Plot 7-445. PSD CDD Antenna 5b (20MHz BW 802.11n – Ch. 157, MCS11)



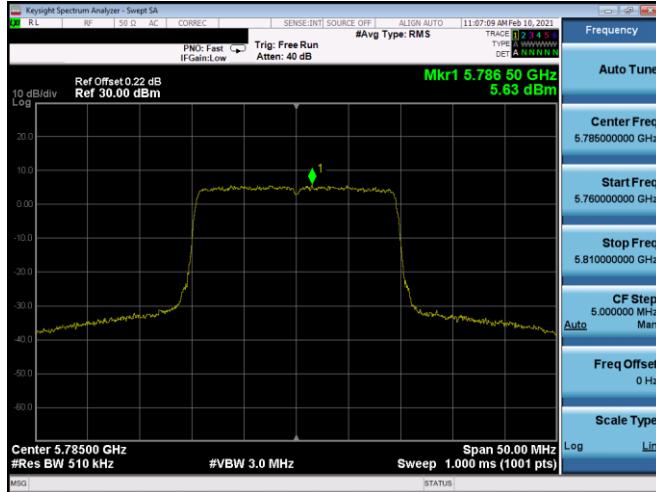
Plot 7-448. PSD CDD Antenna 4b (20MHz BW 802.11ax(SU) – Ch. 157, MCS3)



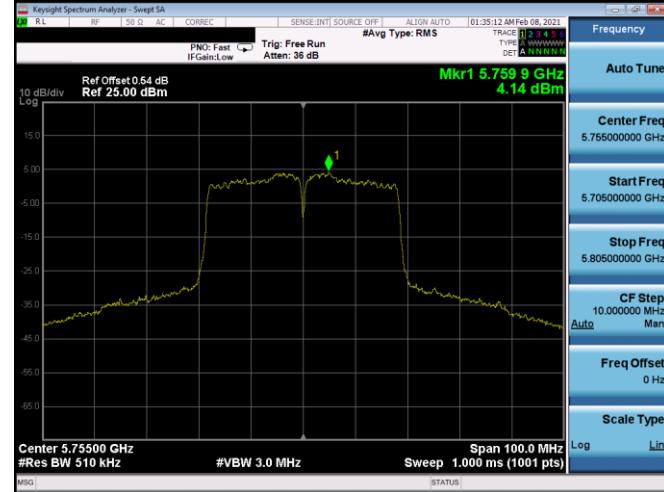
Plot 7-446. PSD CDD Antenna 4b (20MHz BW 802.11n – Ch. 157, MCS11)



Plot 7-449. PSD CDD Antenna 5b (40MHz BW 802.11n – Ch. 151, MCS11)

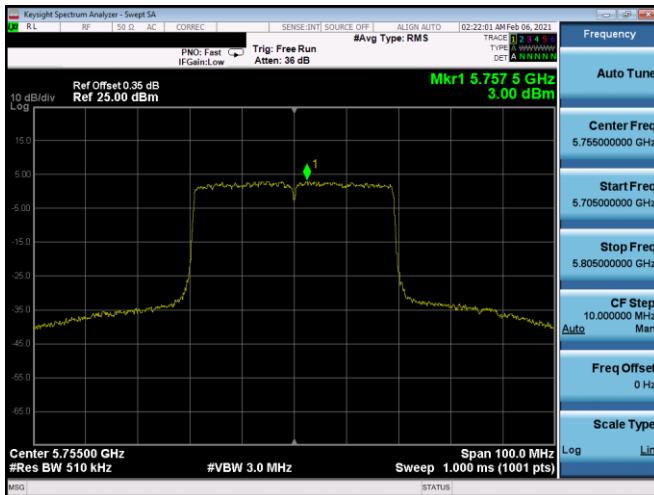


Plot 7-447. PSD CDD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS3)

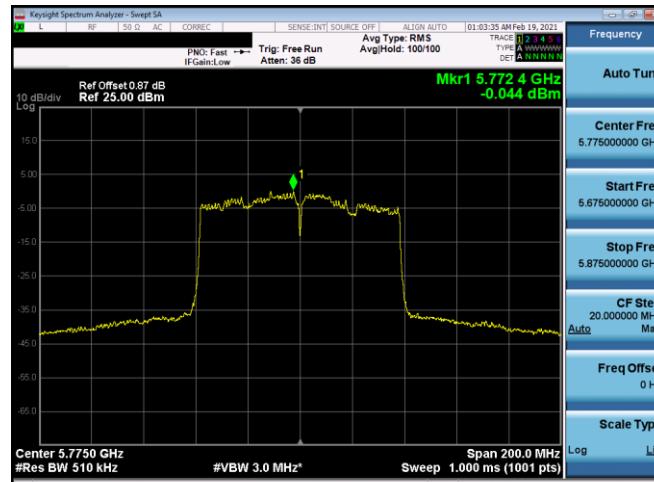


Plot 7-450. PSD CDD Antenna 4b (40MHz BW 802.11n – Ch. 151, MCS11)

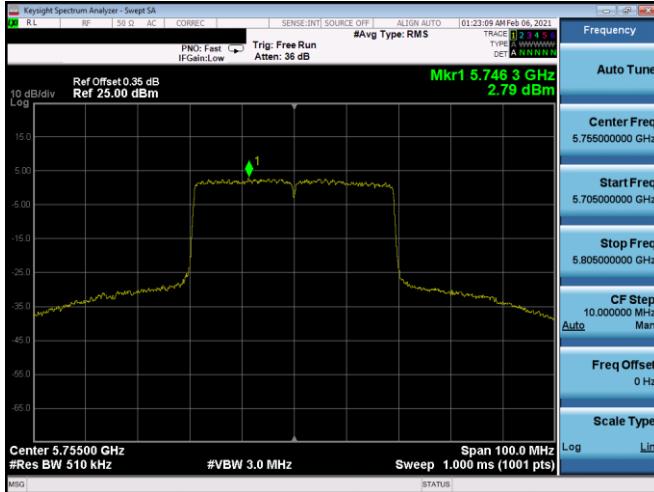
FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST® Proud to be part of  MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 150 of 348



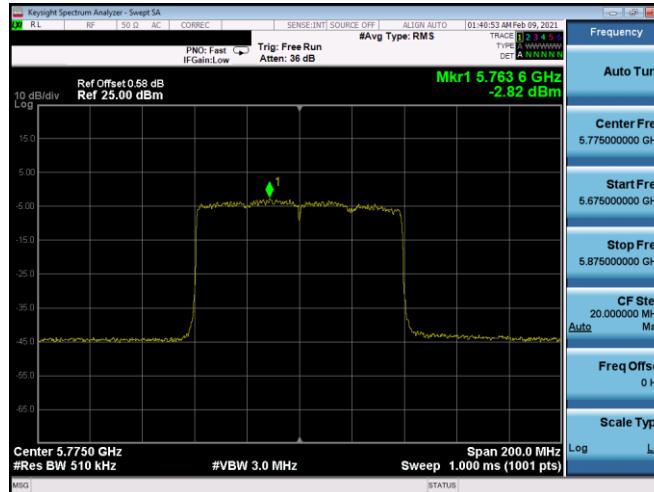
Plot 7-451. PSD CDD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS3)



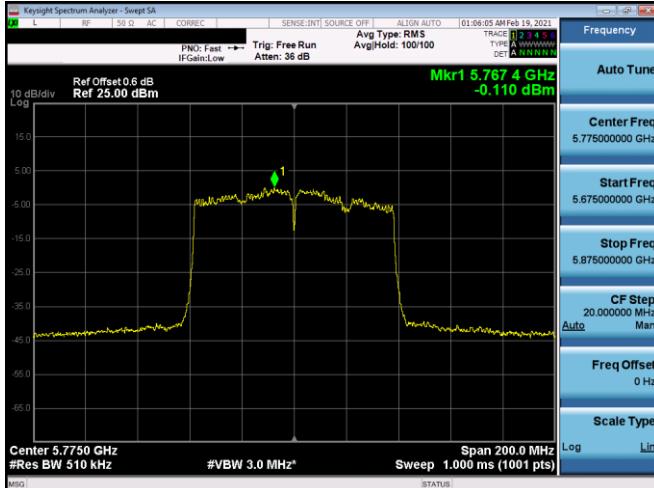
Plot 7-454. PSD CDD Antenna 4b (80MHz BW 802.11ac – Ch. 155, MCS3)



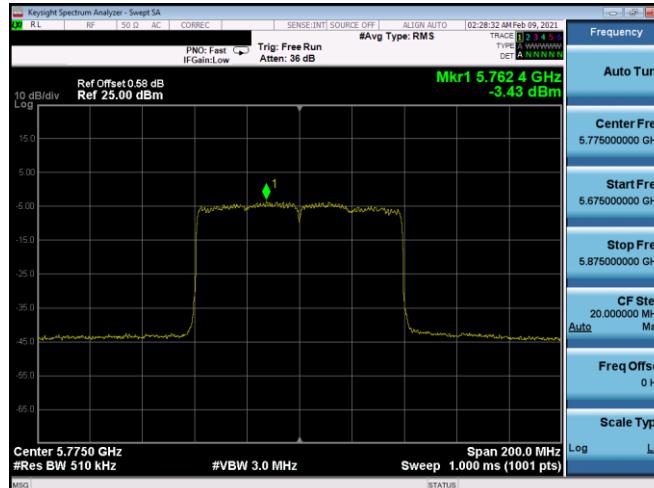
Plot 7-452. PSD CDD Antenna 4b (40MHz BW 802.11ax(SU) – Ch. 151, MCS3)



Plot 7-455. PSD CDD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS3)

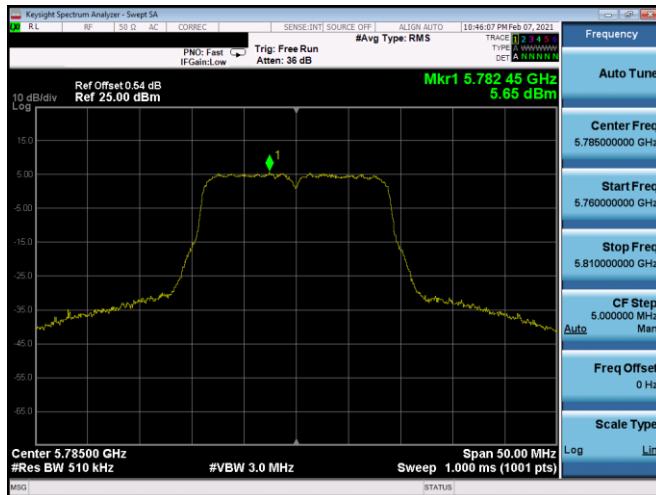


Plot 7-453. PSD CDD Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS3)

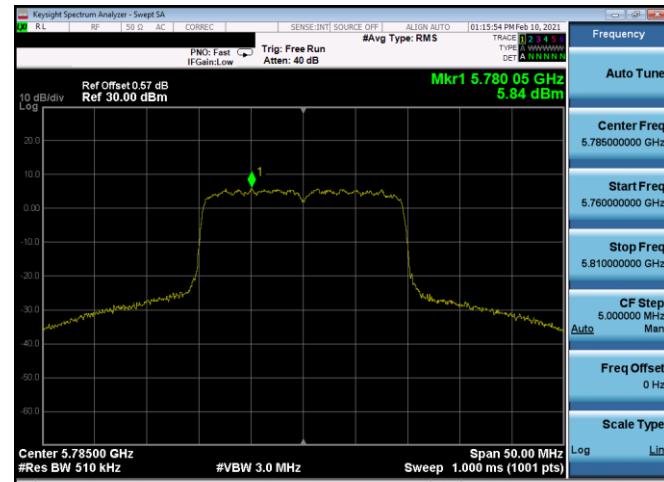


Plot 7-456. PSD CDD Antenna 4b (80MHz BW 802.11ax(SU) – Ch. 155, MCS3)

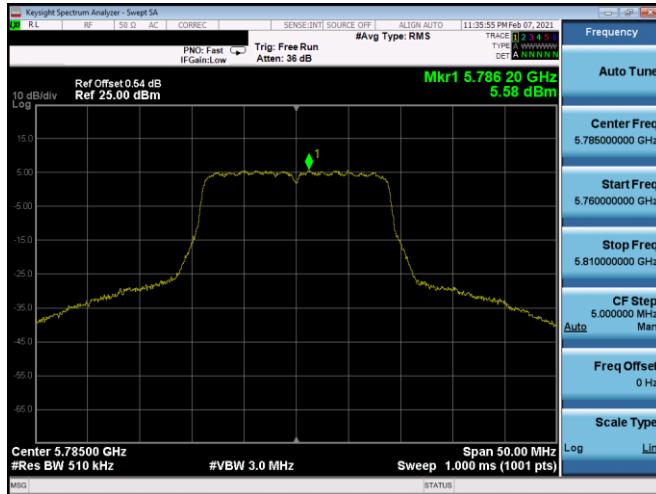
FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST® <small>Proud to be part of element</small>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 151 of 348



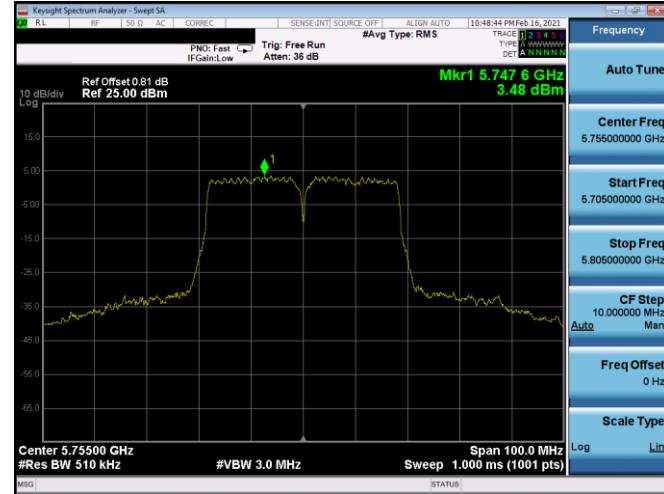
Plot 7-457. PSD CDD Antenna 5b (20MHz BW 802.11n – Ch. 157, MCS13)



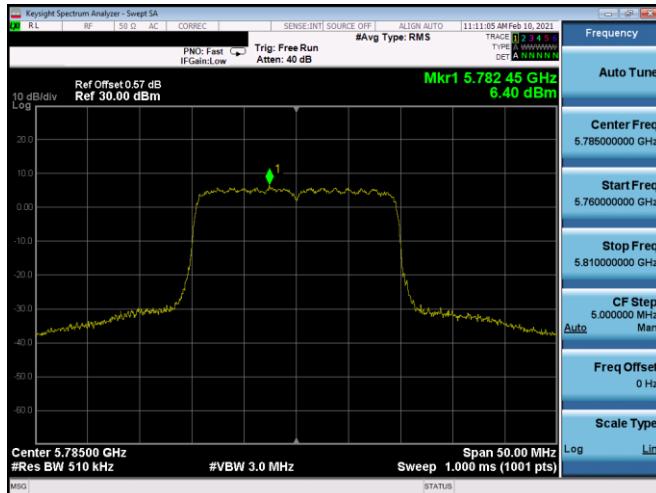
Plot 7-460. PSD CDD Antenna 4b (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



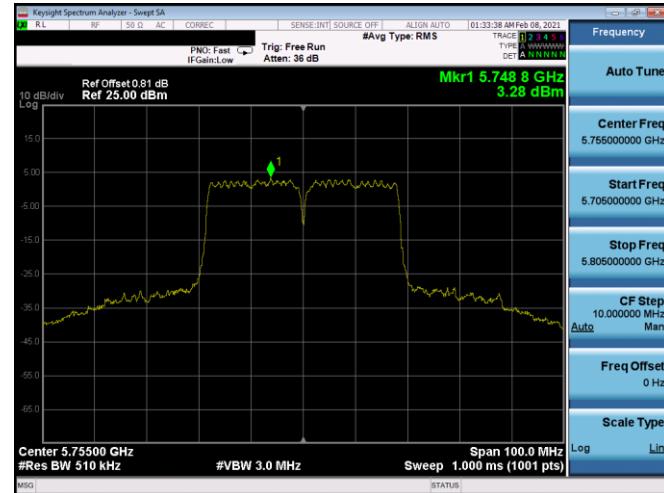
Plot 7-458. PSD CDD Antenna 4b (20MHz BW 802.11n – Ch. 157, MCS13)



Plot 7-461. PSD CDD Antenna 5b (40MHz BW 802.11n – Ch. 151, MCS13)

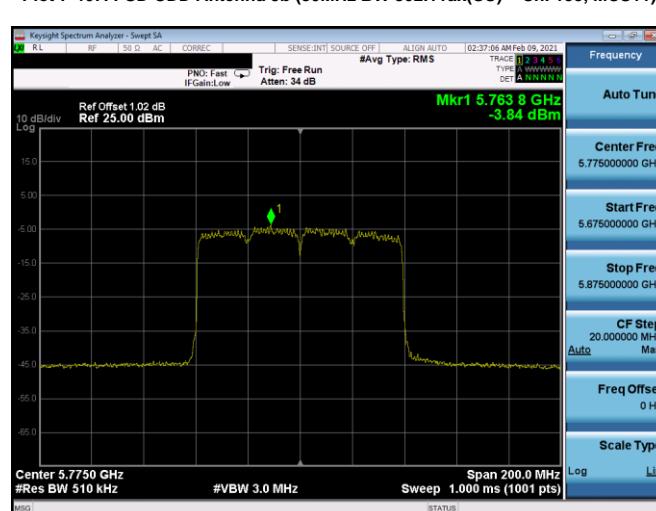
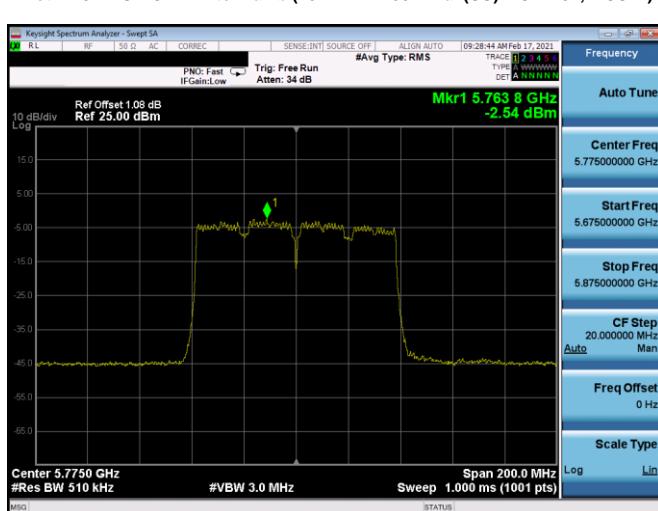
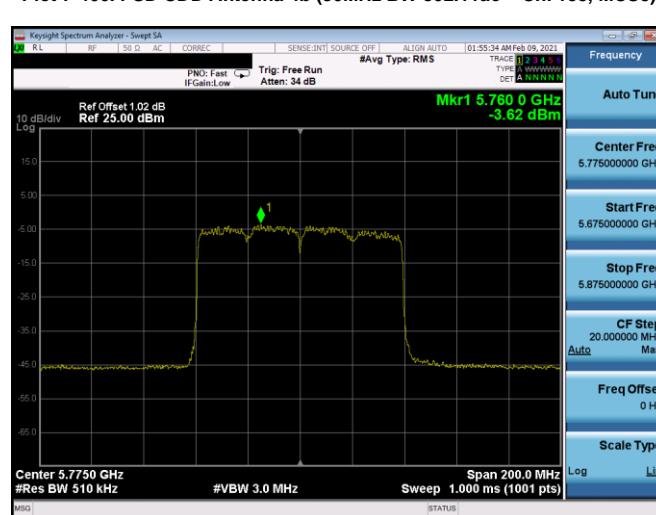
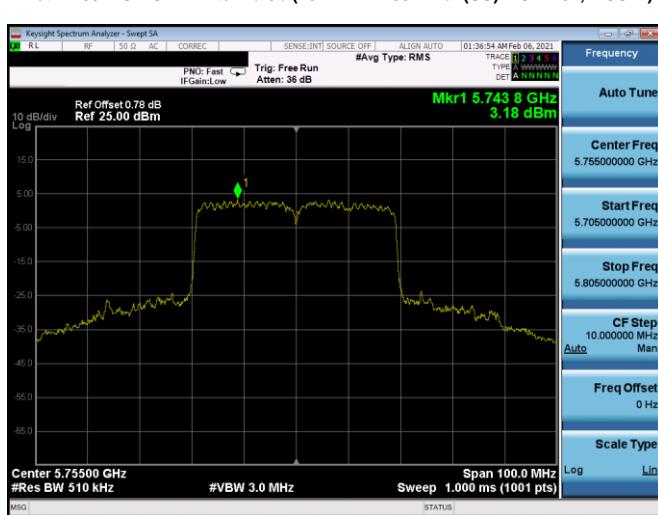
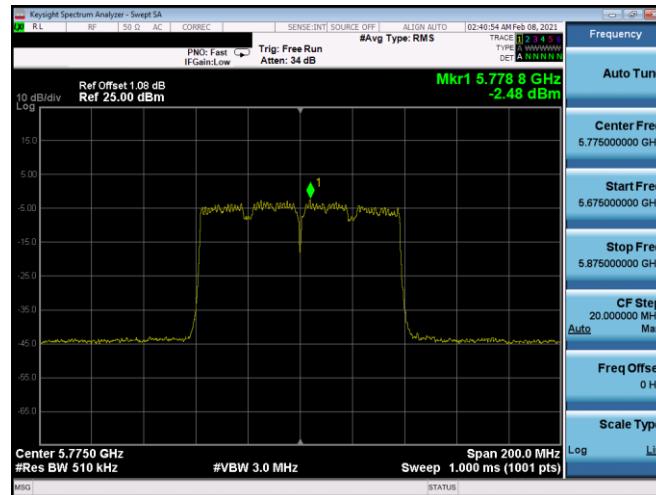
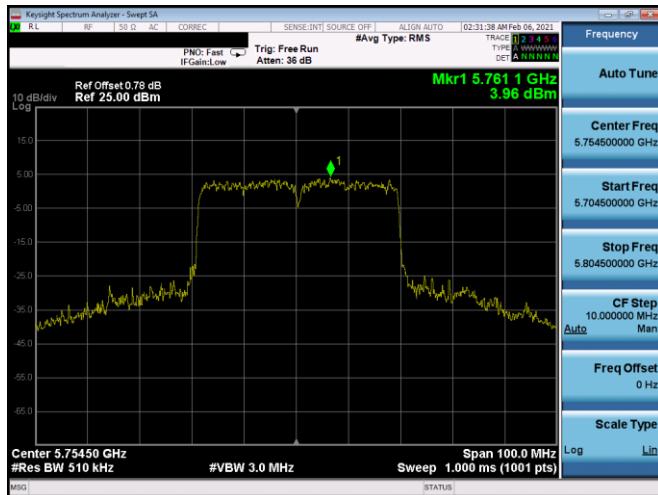


Plot 7-459. PSD CDD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-462. PSD CDD Antenna 4b (40MHz BW 802.11n – Ch. 151, MCS13)

FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST® Proud to be part of  MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 152 of 348



FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 153 of 348

Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4b 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	13/14.4 (MCS8)	1.85	1.73	4.80	3.12	7.92	10.0	-2.08
	5200	40	n (20MHz)	SDM	13/14.4 (MCS8)	1.97	1.94	4.96	3.12	8.08	10.0	-1.92
	5240	48	n (20MHz)	SDM	13/14.4 (MCS8)	2.21	2.00	5.11	3.12	8.23	10.0	-1.77
	5180	36	ax-SU (20MHz)	SDM	8/8.6 (MCS0)	0.54	0.30	3.43	3.12	6.55	10.0	-3.45
	5200	40	ax-SU (20MHz)	SDM	8/8.6 (MCS0)	0.71	0.49	3.61	3.12	6.73	10.0	-3.27
	5240	48	ax-SU (20MHz)	SDM	8/8.6 (MCS0)	0.94	0.47	3.72	3.12	6.84	10.0	-3.16
	5190	38	n (40MHz)	SDM	27/30 (MCS8)	0.78	0.46	3.63	3.12	6.75	10.0	-3.25
	5230	46	n (40MHz)	SDM	27/30 (MCS8)	2.61	2.31	5.47	3.12	8.59	10.0	-1.41
	5190	38	ax-SU (40MHz)	SDM	16/17.2 (MCS0)	-0.82	-0.85	2.17	3.12	5.29	10.0	-4.71
	5230	46	ax-SU (40MHz)	SDM	16/17.2 (MCS0)	0.66	0.37	3.53	3.12	6.64	10.0	-3.36
	5210	42	ac (80MHz)	CDD	58.5/65 (MCS0)	-4.55	-4.49	-1.51	5.90	4.39	10.0	-5.61
	5210	42	ax-SU (80MHz)	CDD	34/36.0 (MCS0)	-6.07	-6.01	-3.03	5.90	2.87	10.0	-7.13

Table 7-116. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Low Data Rate)

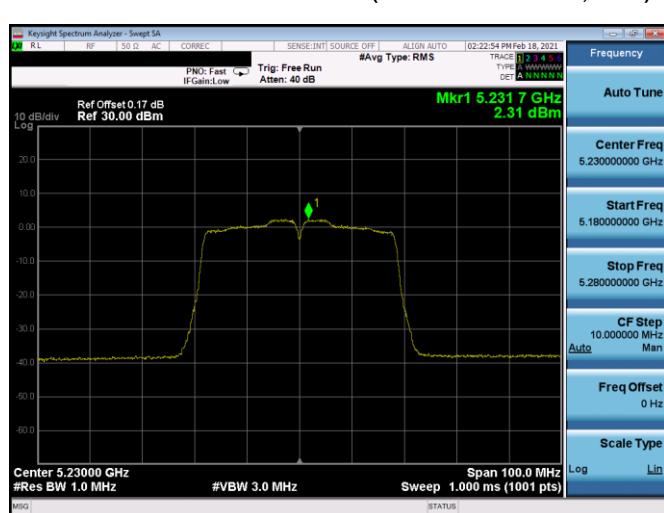
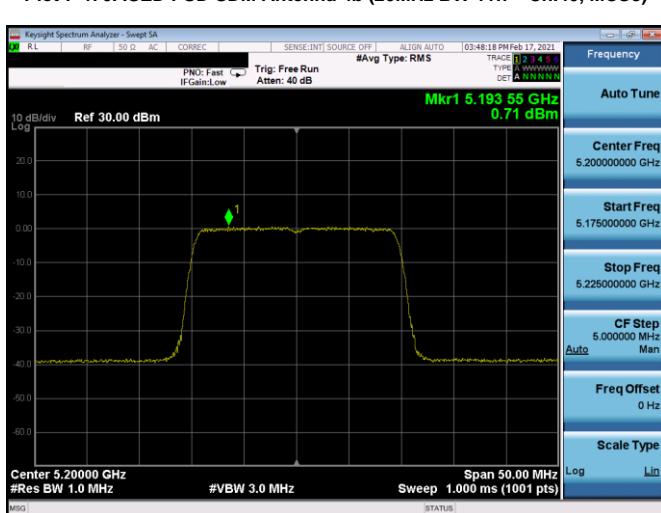
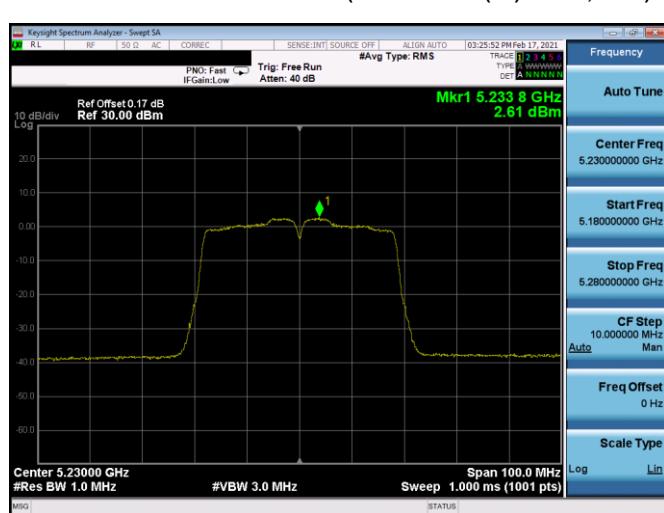
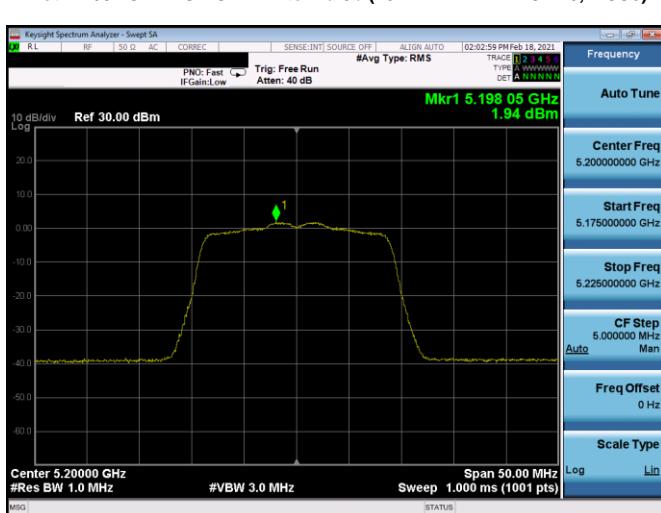
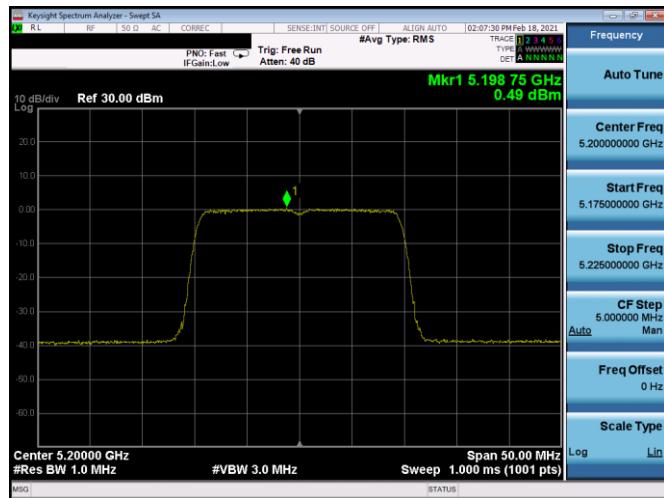
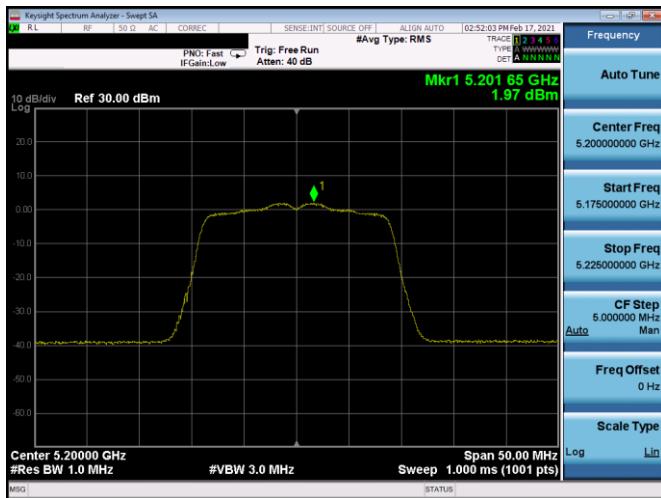
Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]	
Band 1	5180	36	n (20MHz)	SDM	52/57.8 (MCS11)	2.44	2.56	5.51	3.12	8.63	10.0	-1.37
	5200	40	n (20MHz)	SDM	52/57.8 (MCS11)	2.63	2.74	5.69	3.12	8.81	10.0	-1.19
	5240	48	n (20MHz)	SDM	52/57.8 (MCS11)	2.67	2.51	5.60	3.12	8.72	10.0	-1.28
	5180	36	ax-SU (20MHz)	SDM	33/34.4 (MCS3)	1.14	1.50	4.33	3.12	7.45	10.0	-2.55
	5200	40	ax-SU (20MHz)	SDM	33/34.4 (MCS3)	1.22	1.39	4.32	3.12	7.43	10.0	-2.57
	5240	48	ax-SU (20MHz)	SDM	33/34.4 (MCS3)	1.43	0.99	4.22	3.12	7.34	10.0	-2.66
	5190	38	n (40MHz)	CDD	108/120 (MCS11)	1.06	0.13	3.63	3.12	6.75	10.0	-3.25
	5230	46	n (40MHz)	SDM	108/120 (MCS11)	2.99	3.23	6.12	3.12	9.24	10.0	-0.76
	5190	38	ax-SU (40MHz)	CDD	65/68.8 (MCS3)	-1.15	-0.99	1.94	3.12	5.06	10.0	-4.94
	5230	46	ax-SU (40MHz)	SDM	65/68.8 (MCS3)	1.38	1.55	4.48	3.12	7.59	10.0	-2.41
	5210	42	ac (80MHz)	CDD	234/260 (MCS3)	-5.26	-4.18	-1.68	5.90	4.22	10.0	-5.78
	5210	42	ax-SU (80MHz)	CDD	567/600.5 (MCS3)	-6.84	-6.07	-3.43	5.90	2.47	10.0	-7.53

Table 7-117. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Mid Data Rate)

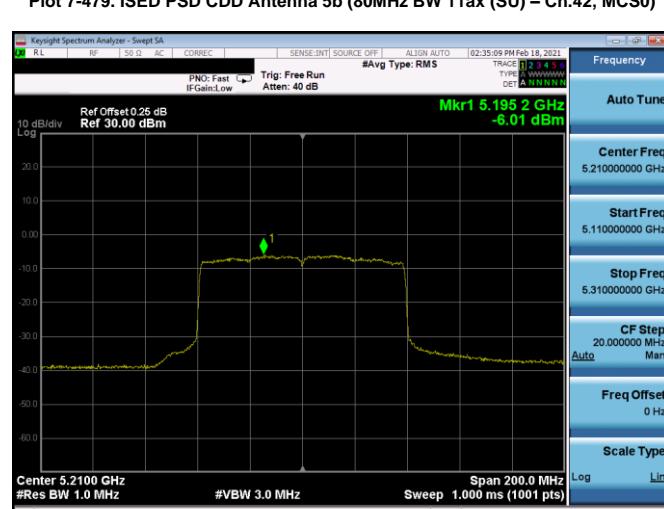
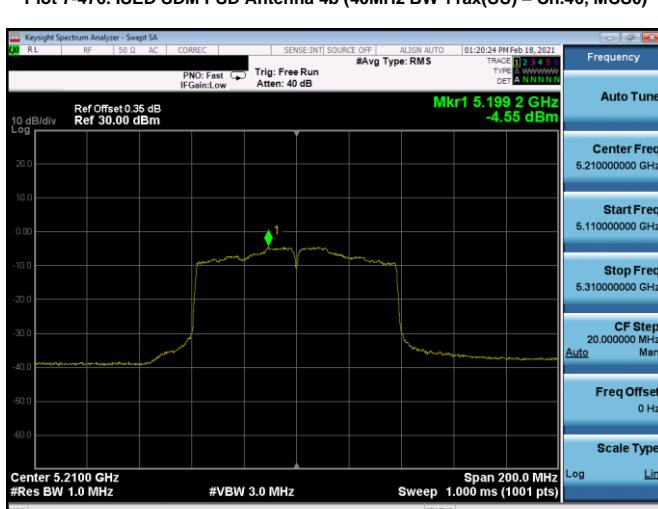
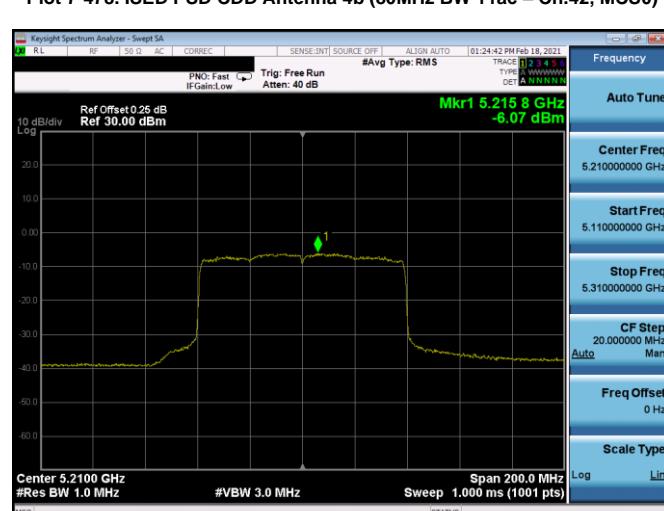
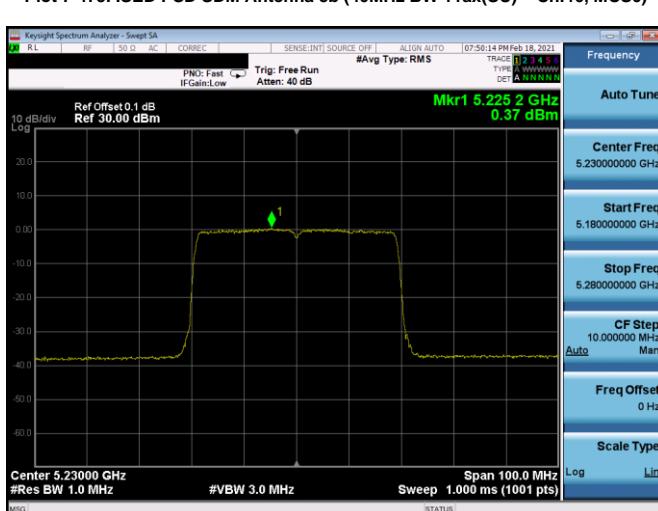
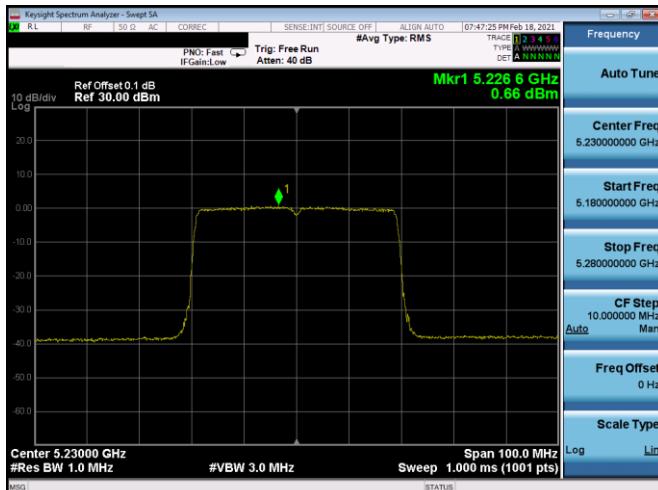
Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]	
Band 1	5180	36	n (20MHz)	SDM	104/115.6 (MCS13)	1.72	0.40	4.12	3.12	7.24	10.0	-2.76
	5200	40	n (20MHz)	SDM	104/115.6 (MCS13)	1.49	1.41	4.46	3.12	7.57	10.0	-2.43
	5240	48	n (20MHz)	SDM	104/115.6 (MCS13)	1.51	1.48	4.51	3.12	7.63	10.0	-2.37
	5180	36	ax-SU (20MHz)	SDM	135/143.4 (MCS11)	1.37	0.53	3.98	3.12	7.10	10.0	-2.90
	5200	40	ax-SU (20MHz)	SDM	135/143.4 (MCS11)	1.49	0.25	3.92	3.12	7.04	10.0	-2.96
	5240	48	ax-SU (20MHz)	SDM	135/143.4 (MCS11)	1.61	0.38	4.05	3.12	7.16	10.0	-2.84
	5190	38	n (40MHz)	CDD	216/240 (MCS13)	-0.87	-1.47	1.85	5.90	7.75	10.0	-2.25
	5230	46	n (40MHz)	SDM	216/240 (MCS13)	1.77	-0.97	3.63	3.12	6.74	10.0	-3.26
	5190	38	ax-SU (40MHz)	CDD	271/286.8 (MCS11)	-0.79	-1.57	1.85	5.90	7.75	10.0	-2.25
	5230	46	ax-SU (40MHz)	SDM	271/286.8 (MCS11)	-0.62	-1.61	1.92	3.12	5.04	10.0	-4.96
	5210	42	ac (80MHz)	CDD	468/520 (MCS5)	-7.12	-5.90	-3.46	5.90	2.44	10.0	-7.56
	5210	42	ax-SU (80MHz)	CDD	567/600.5 (MCS11)	-6.73	-5.72	-3.18	5.90	2.72	10.0	-7.28

Table 7-118. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (High Data Rate)

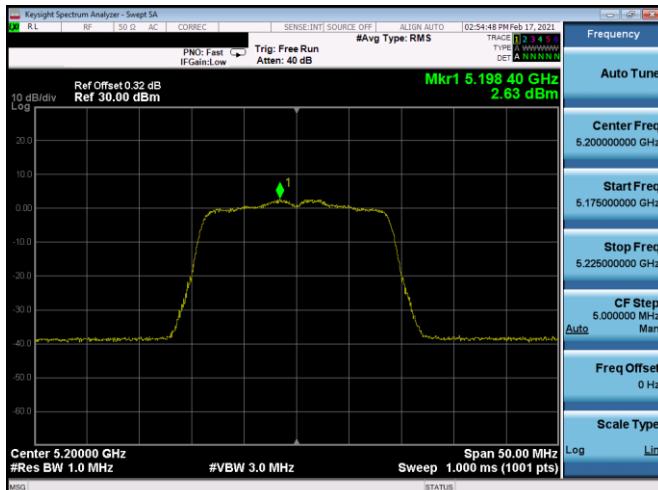
FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 154 of 348



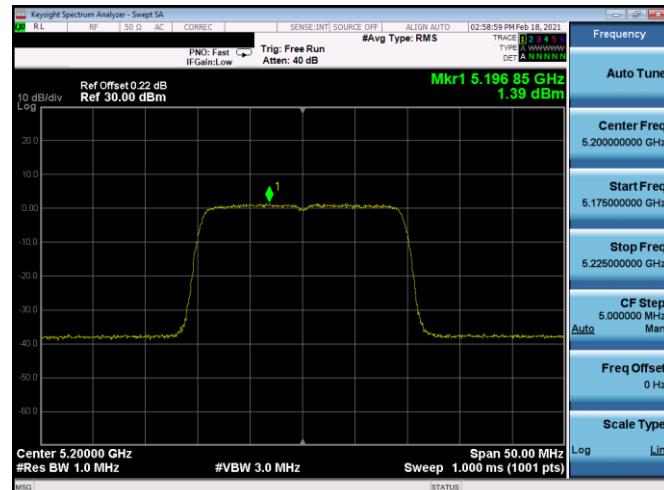
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST® Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 155 of 348



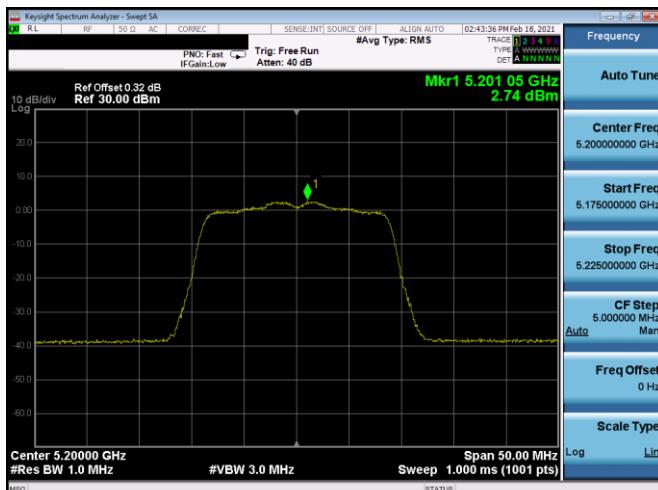
FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 156 of 348



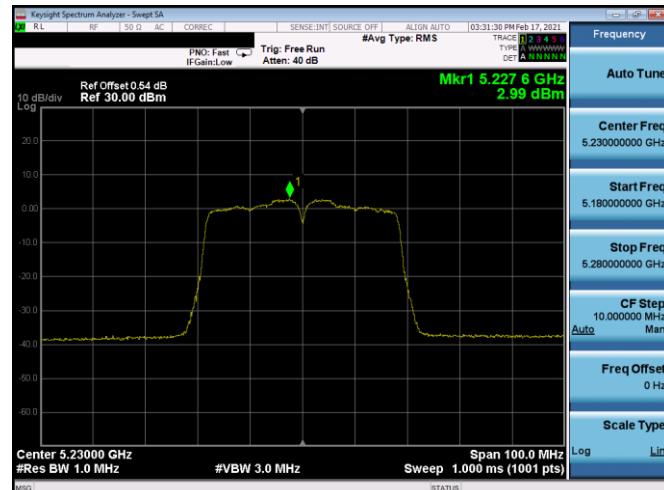
Plot 7-481. ISED PSD SDM Antenna 5b (20MHz BW 11n – Ch.40, MCS11)



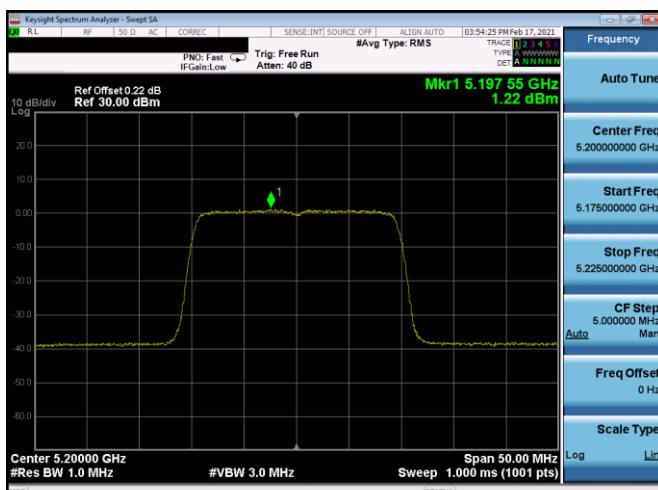
Plot 7-484. ISED PSD SDM Antenna 4b (20MHz BW 11ax(SU) – Ch.40, MCS3)



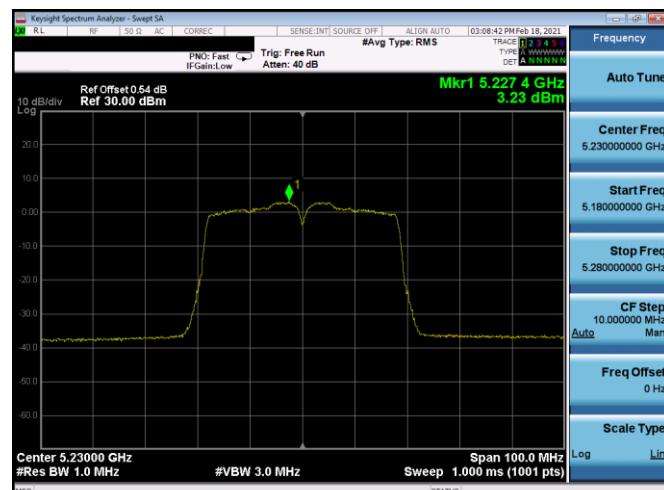
Plot 7-482. ISED PSD SDM Antenna 4b (20MHz BW 11n – Ch.40, MCS11)



Plot 7-485. ISED PSD SDM Antenna 5b (40MHz BW 11n – Ch.46, MCS11)

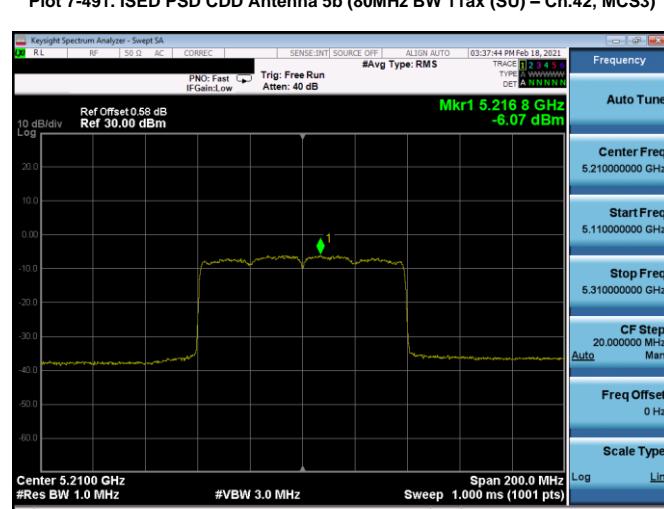
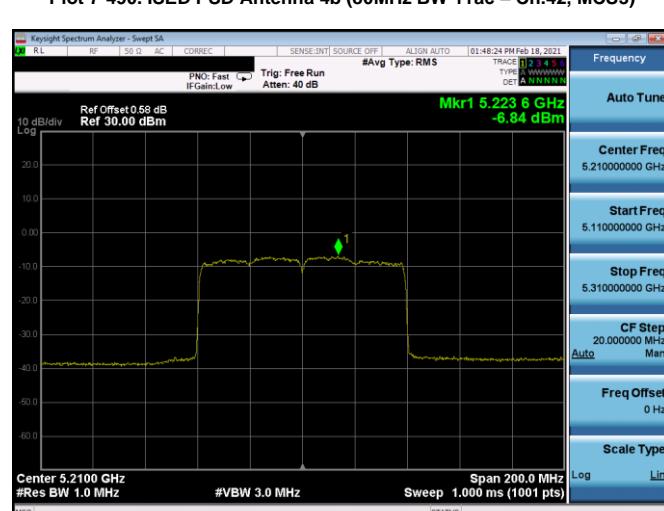
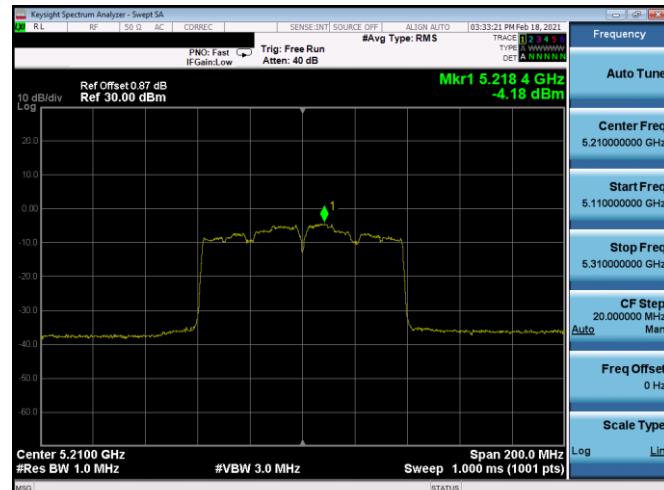
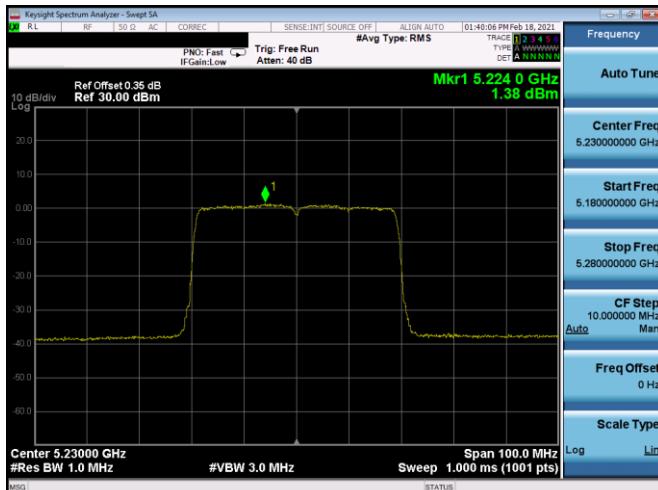


Plot 7-483. ISED PSD SDM Antenna 5b (20MHz BW 11ax(SU) – Ch.40, MCS3)

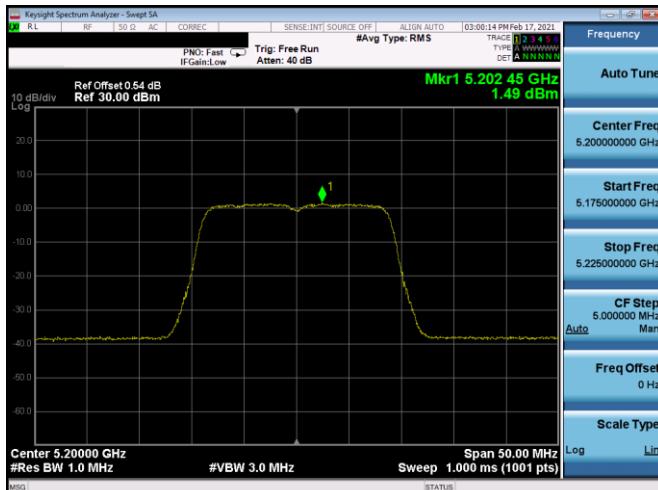


Plot 7-486. ISED PSD SDM Antenna 4b (40MHz BW 11n – Ch.46, MCS11)

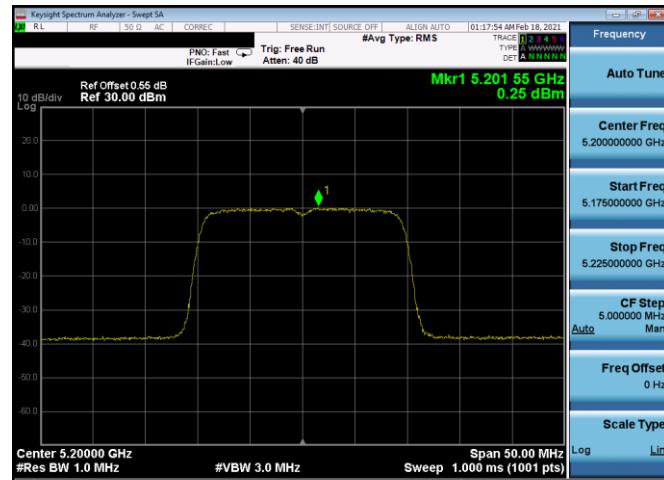
FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST® Proud to be part of  MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device		Page 157 of 348



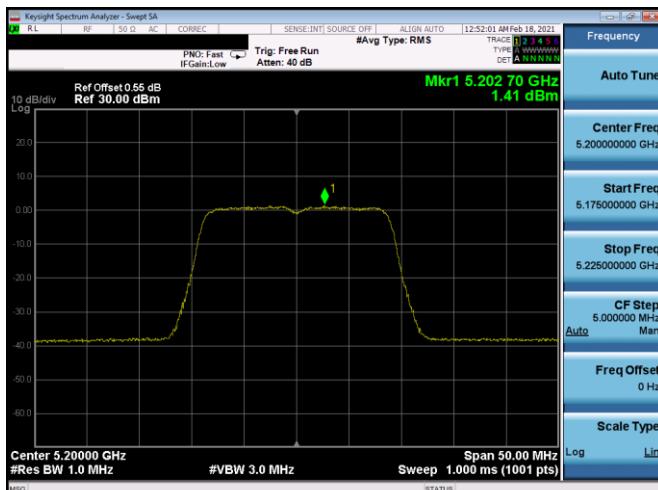
FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 158 of 348	



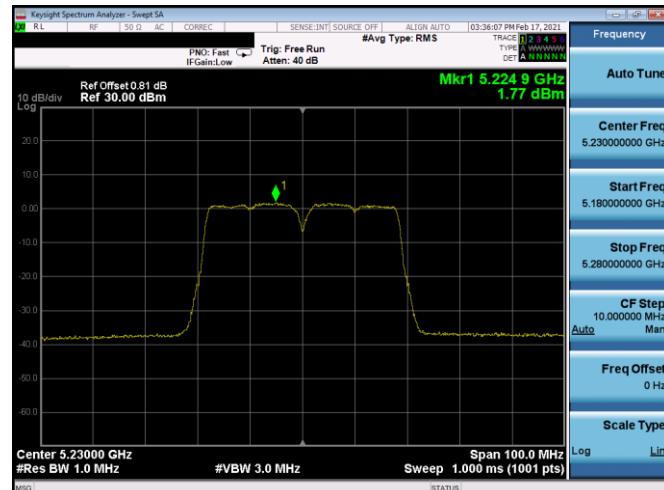
Plot 7-493. ISED PSD SDM Antenna 5b (20MHz BW 11n - Ch.40, MCS13)



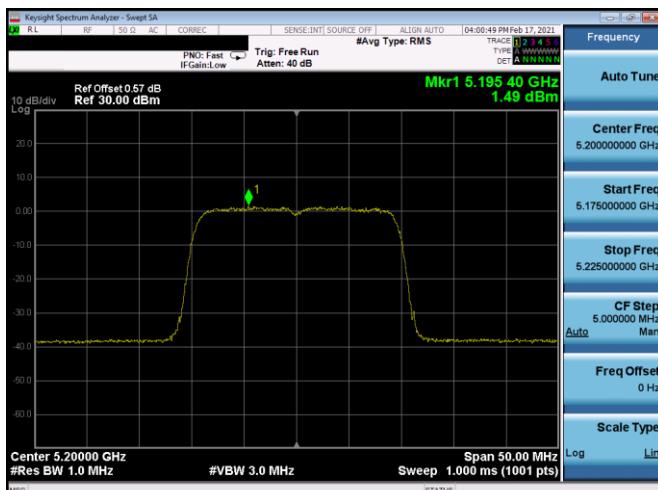
Plot 7-496. ISED PSD SDM Antenna 4b (20MHz BW 11ax(SU) - Ch.40, MCS11)



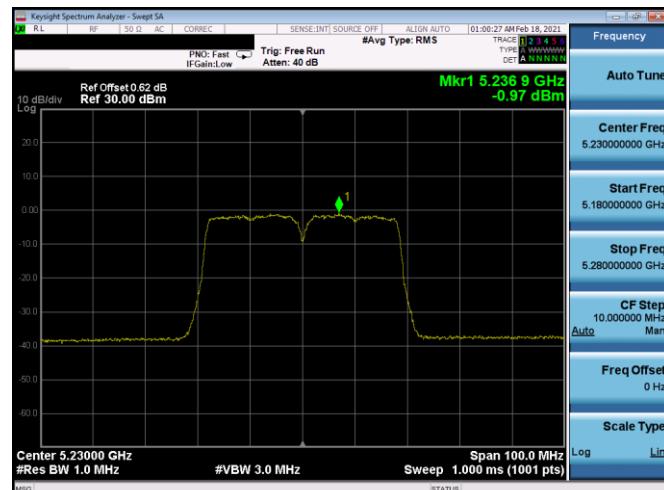
Plot 7-494. ISED PSD SDM Antenna 4b (20MHz BW 11n - Ch.40, MCS13)



Plot 7-497. ISED PSD SDM Antenna 5b (40MHz BW 11n - Ch.46, MCS13)



Plot 7-495. ISED PSD SDM Antenna 5b (20MHz BW 11ax(SU) - Ch.40, MCS11)



Plot 7-498. ISED PSD SDM Antenna 4b (40MHz BW 11n - Ch.46, MCS13)

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Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 159 of 348	