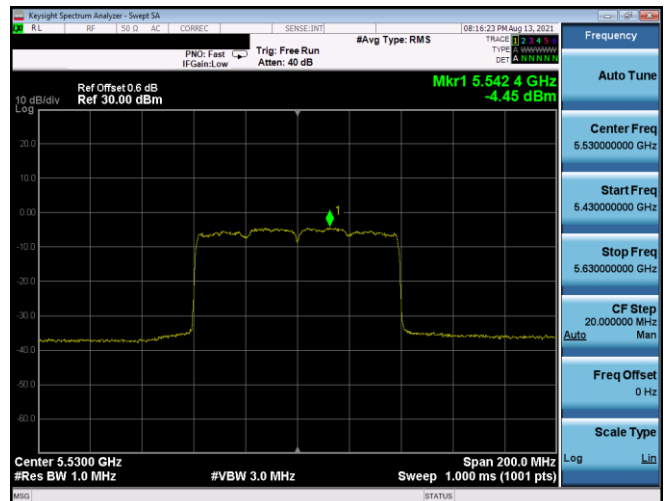
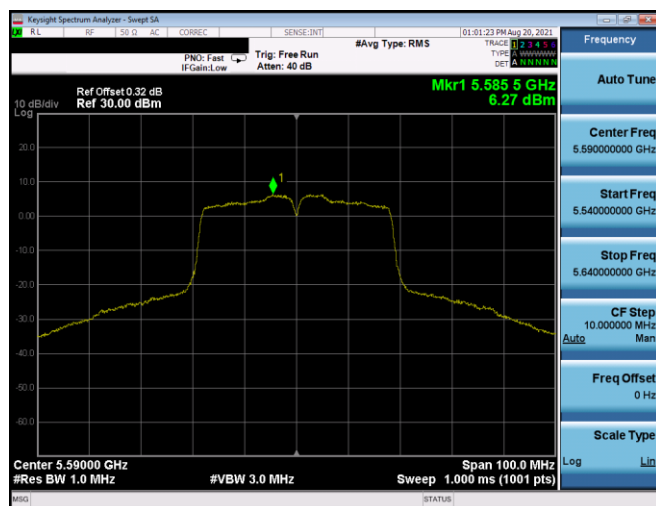
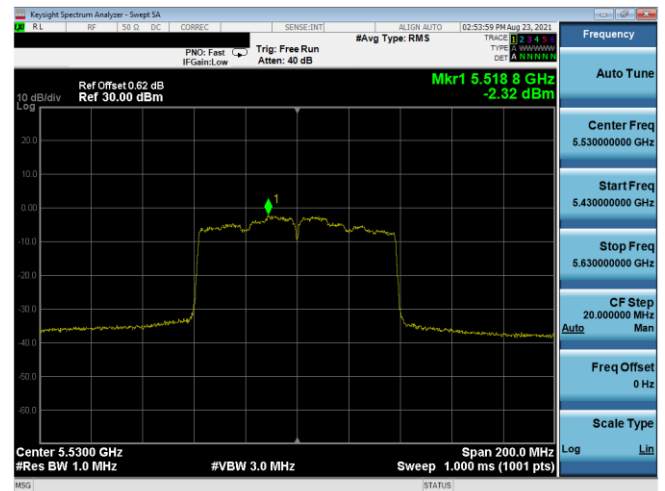
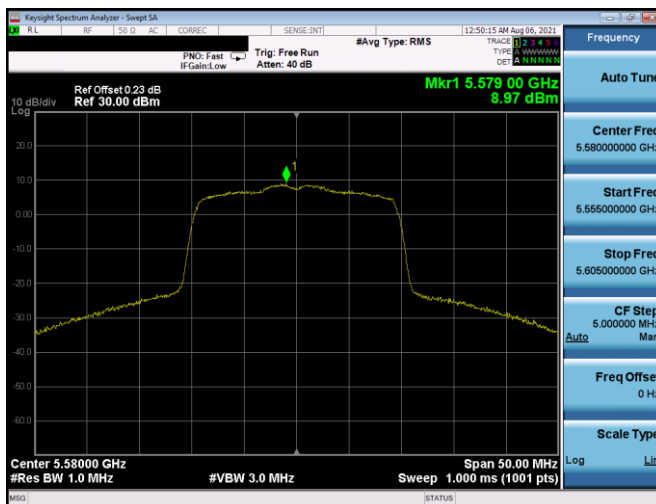
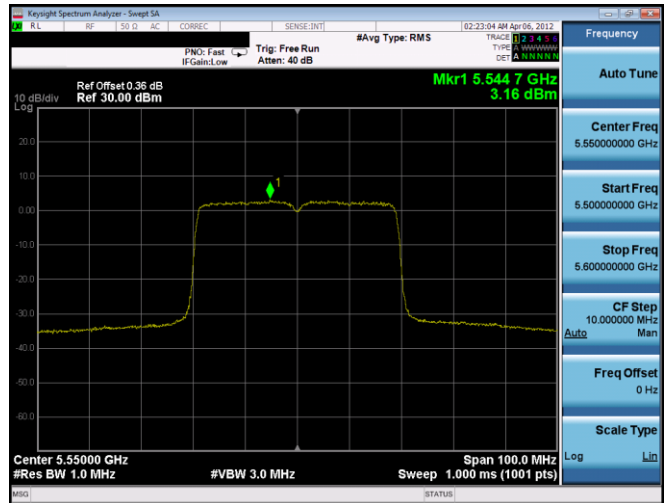
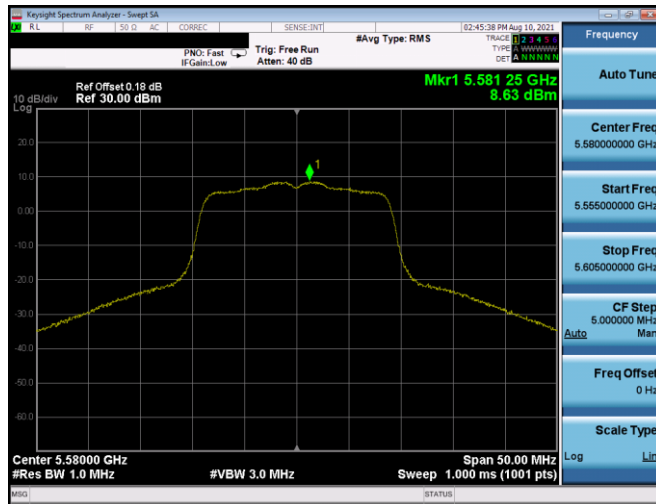
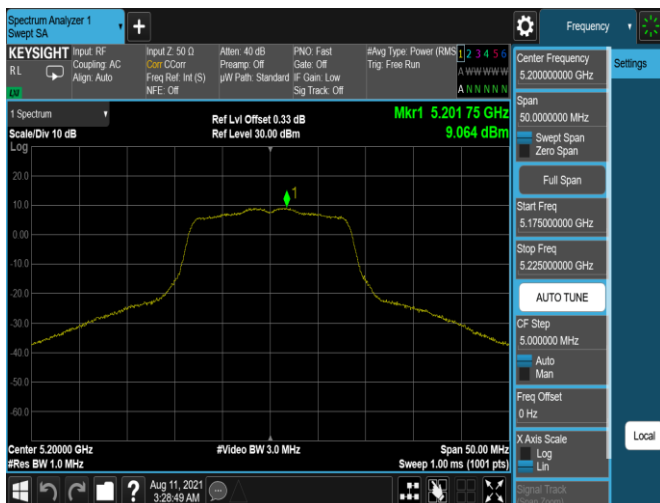
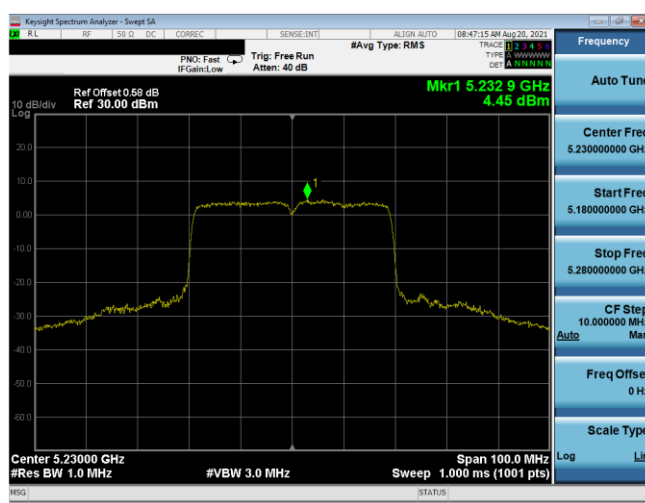




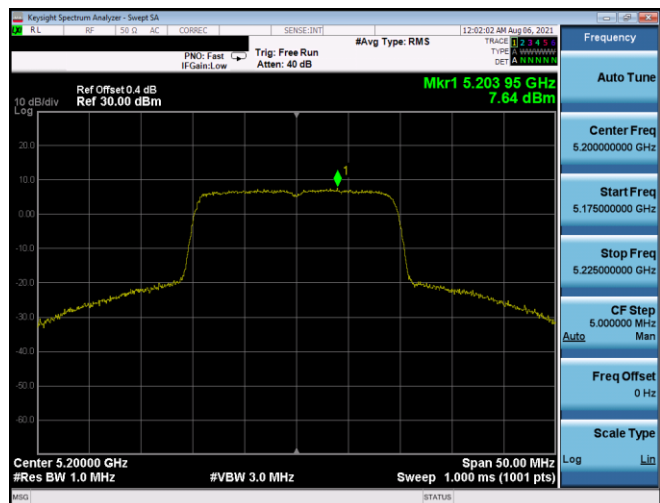
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 173 of 569



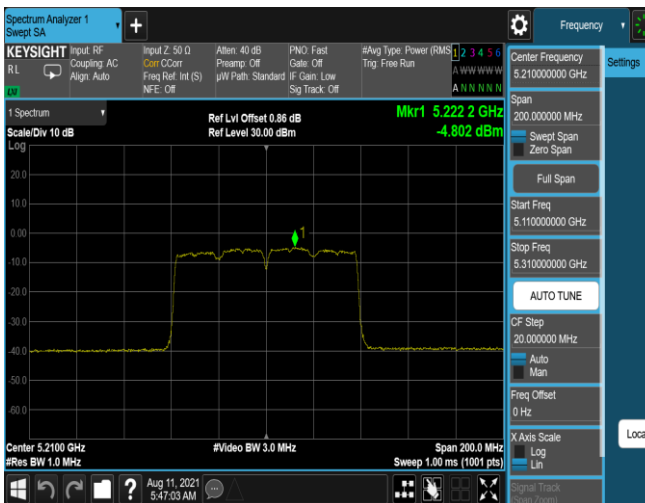
Plot 7-433. PSD Antenna 1b (20MHz BW 802.11n – Ch. 40, MCS5)



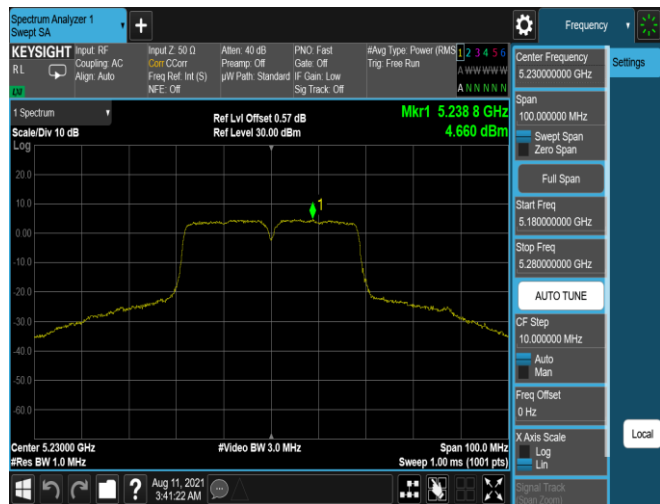
Plot 7-436. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 46, MCS5)



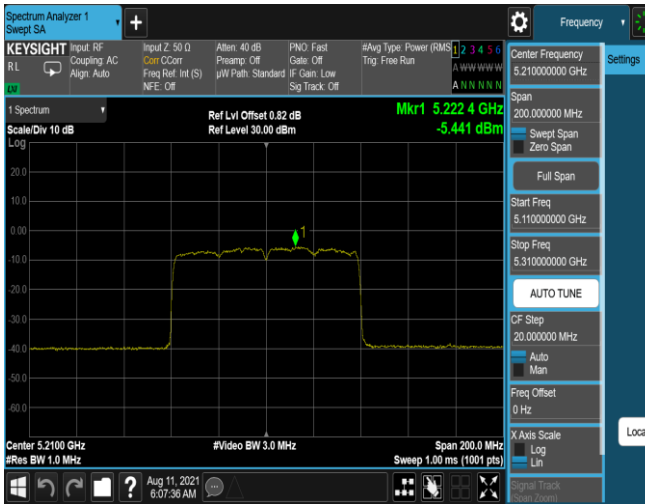
Plot 7-434. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 40, MCS5)



Plot 7-437. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 42, MCS5)

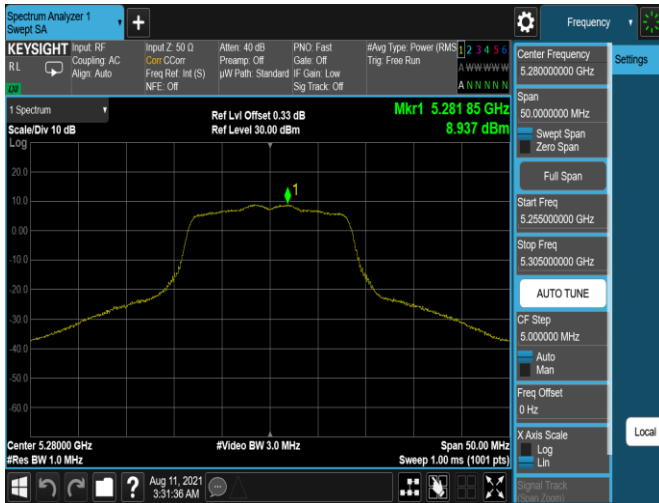


Plot 7-435. PSD Antenna 1b (40MHz BW 802.11n – Ch. 46, MCS5)

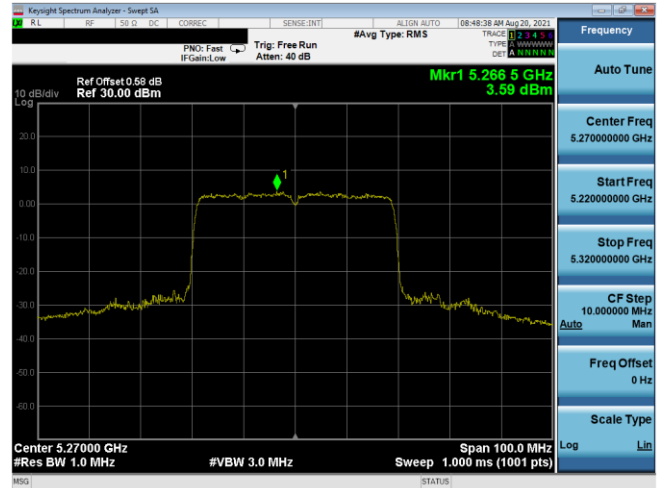


Plot 7-438. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 42, MCS5)

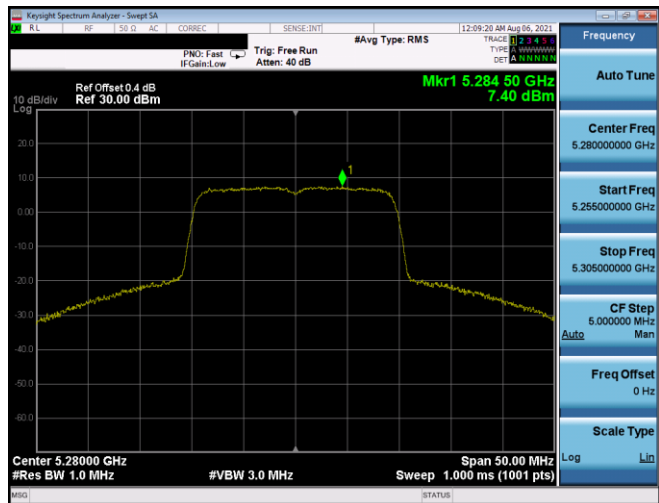
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 174 of 569



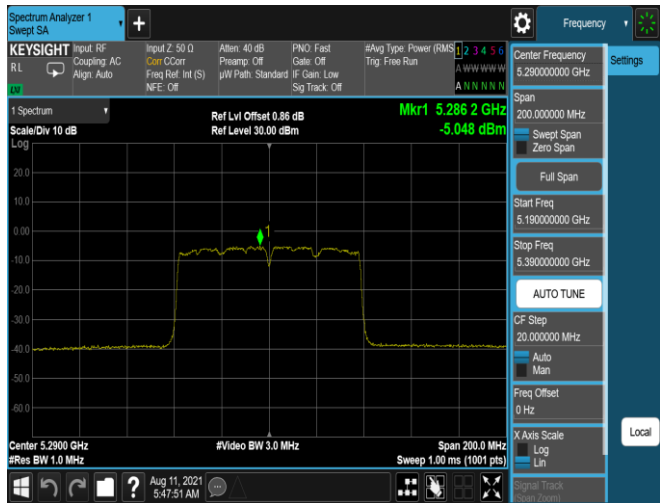
Plot 7-439. PSD Antenna 1b (20MHz BW 802.11n – Ch. 56, MCS5)



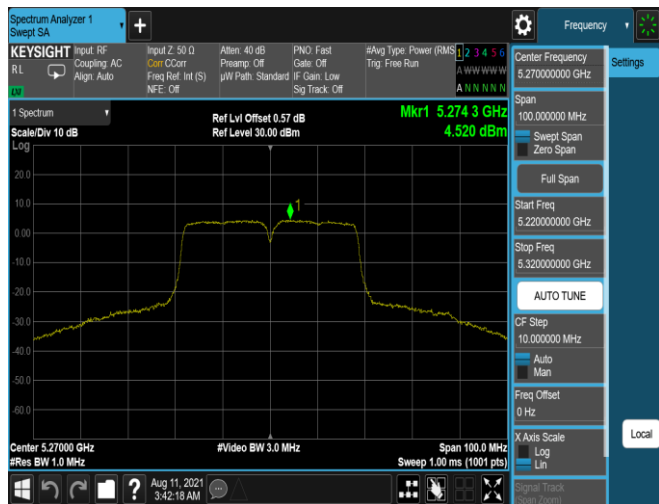
Plot 7-442. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 54, MCS5)



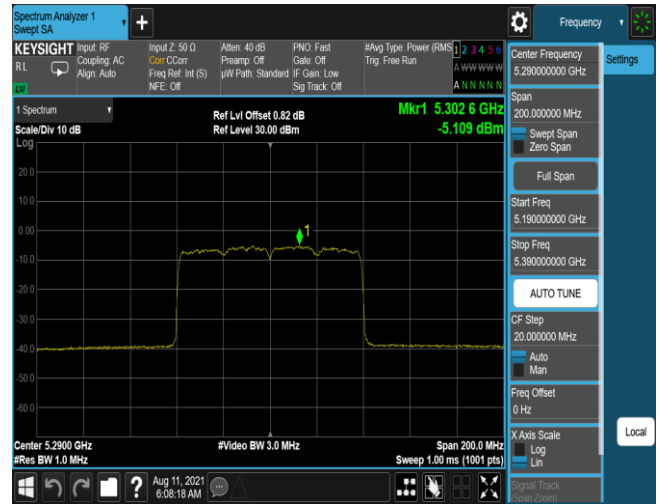
Plot 7-440. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 56, MCS5)



Plot 7-443. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 58, MCS5)

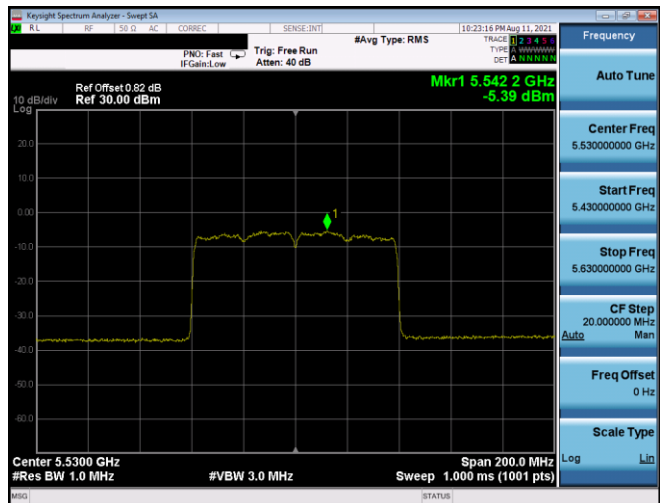
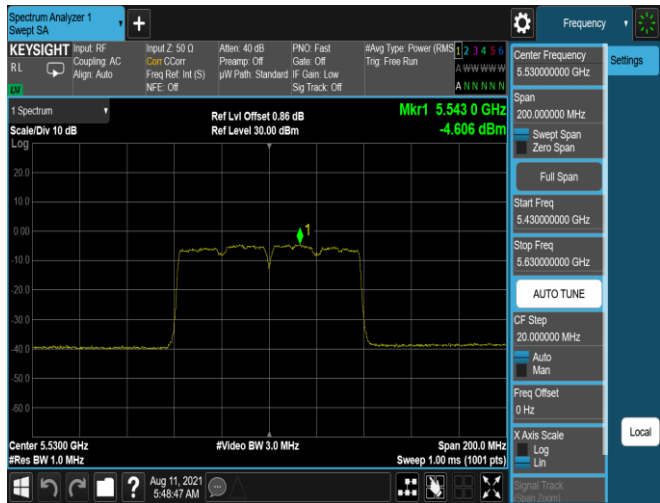
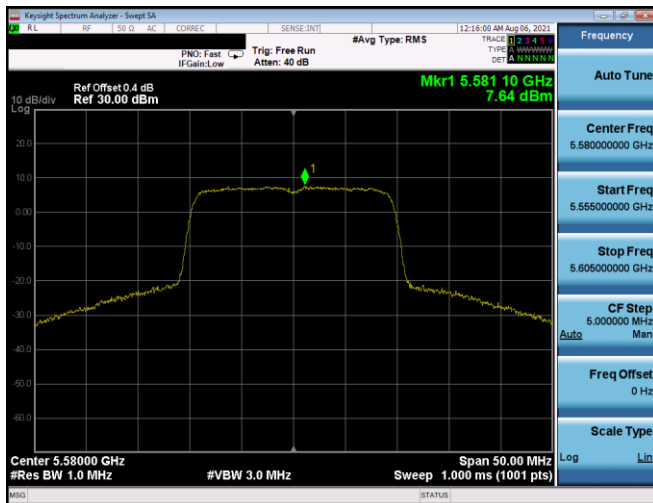
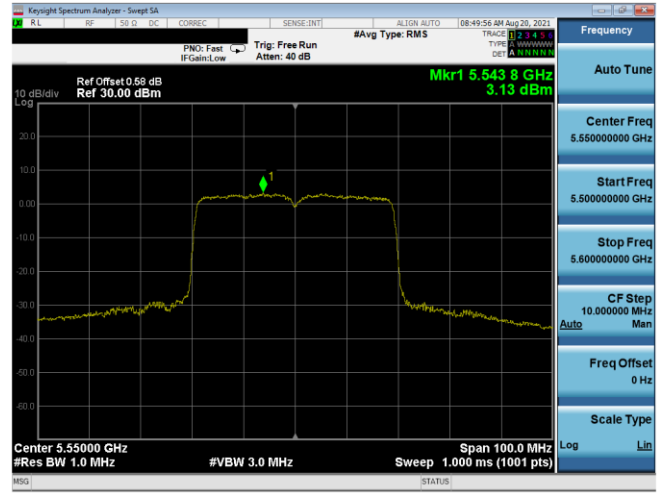
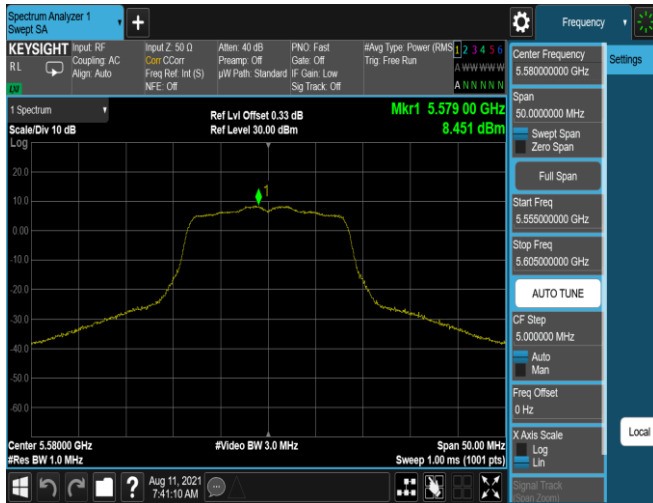


Plot 7-441. PSD Antenna 1b (40MHz BW 802.11n – Ch. 54, MCS5)



Plot 7-444. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 58, MCS5)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 175 of 569



FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 176 of 569

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	19.5/21.7 (MCS2)	7.27	30.0	-22.73
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	7.38	30.0	-22.62
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	6.84	30.0	-23.16
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	6.80	30.0	-23.20
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	6.64	30.0	-23.36
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	6.16	30.0	-23.84
	5755	151	n (40MHz)	40.5/45 (MCS2)	4.04	30.0	-25.96
	5795	159	n (40MHz)	40.5/45 (MCS2)	4.15	30.0	-25.85
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	2.35	30.0	-27.65
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	2.31	30.0	-27.69
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	2.05	30.0	-27.95
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	0.36	30.0	-29.64

Table 7-179. Band 3 Power Spectral Density Measurements Antenna 1b (Low Data Rate)

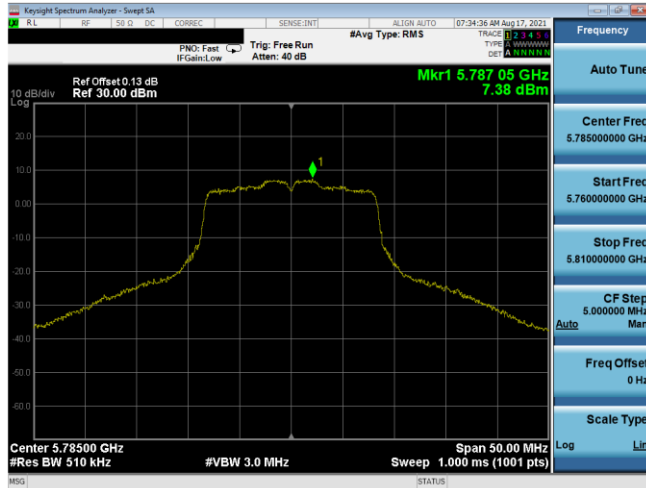
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	26/28.9 (MCS3)	7.26	30.0	-22.74
	5785	157	n (20MHz)	26/28.9 (MCS3)	5.99	30.0	-24.01
	5825	165	n (20MHz)	26/28.9 (MCS3)	5.48	30.0	-24.52
	5745	149	ax (SU) (20MHz)	33/34.4 (MCS3)	6.83	30.0	-23.17
	5785	157	ax (SU) (20MHz)	33/34.4 (MCS3)	6.88	30.0	-23.12
	5825	165	ax (SU) (20MHz)	33/34.4 (MCS3)	6.45	30.0	-23.55
	5755	151	n (40MHz)	54/60 (MCS3)	3.72	30.0	-26.28
	5795	159	n (40MHz)	54/60 (MCS3)	4.11	30.0	-25.89
	5755	151	ax (SU) (40MHz)	65/68.8 (MCS3)	2.22	30.0	-27.79
	5795	159	ax (SU) (40MHz)	65/68.8 (MCS3)	2.57	30.0	-27.43
	5775	155	ac (80MHz)	117/130 (MCS3)	2.33	30.0	-27.67
	5775	155	ax (SU) (80MHz)	136/144.1 (MCS3)	0.90	30.0	-29.10

Table 7-180. Band 3 Power Spectral Density Measurements Antenna 1b (Mid Data Rate)

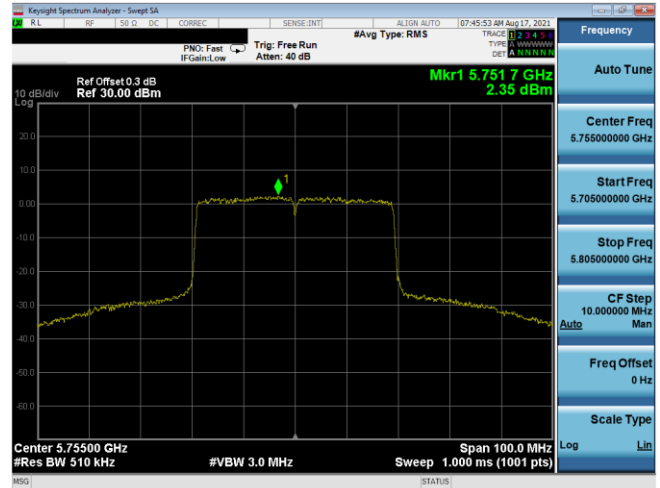
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	52/57.8 (MCS5)	5.96	30.0	-24.04
	5785	157	n (20MHz)	52/57.8 (MCS5)	6.10	30.0	-23.90
	5825	165	n (20MHz)	52/57.8 (MCS5)	6.20	30.0	-23.80
	5745	149	ax (SU) (20MHz)	65/68.8 (MCS5)	5.64	30.0	-24.37
	5785	157	ax (SU) (20MHz)	65/68.8 (MCS5)	5.36	30.0	-24.64
	5825	165	ax (SU) (20MHz)	65/68.8 (MCS5)	5.38	30.0	-24.62
	5755	151	n (40MHz)	108/120 (MCS5)	3.33	30.0	-26.67
	5795	159	n (40MHz)	108/120 (MCS5)	3.25	30.0	-26.75
	5755	151	ax (SU) (40MHz)	130/137.6 (MCS5)	2.19	30.0	-27.81
	5795	159	ax (SU) (40MHz)	130/137.6 (MCS5)	2.03	30.0	-27.97
	5775	155	ac (80MHz)	234/260 (MCS5)	-1.57	30.0	-31.57
	5775	155	ax (SU) (80MHz)	272/288.2 (MCS5)	-1.99	30.0	-31.99

Table 7-181. Band 3 Power Spectral Density Measurements Antenna 1b (High Data Rate)

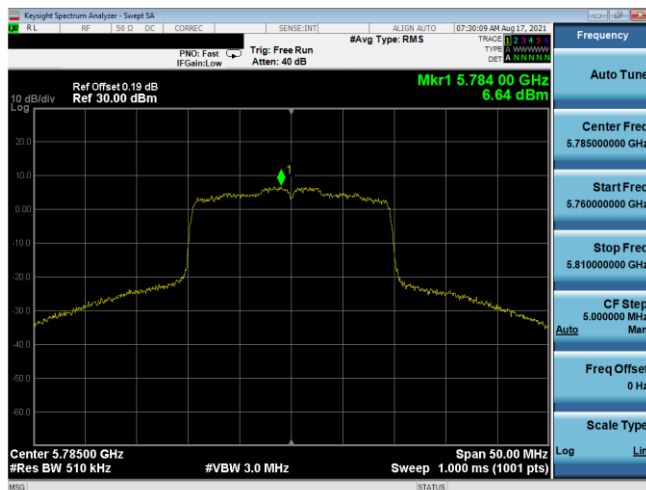
FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 177 of 569



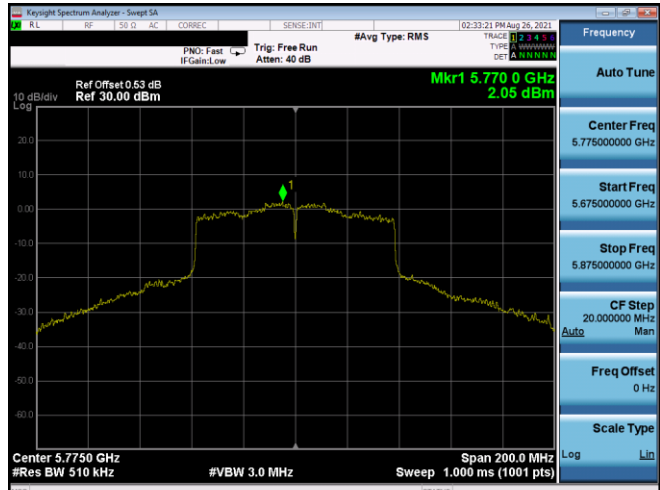
Plot 7-451. PSD Antenna 1b (20MHz BW 802.11n – Ch. 157, MCS2)



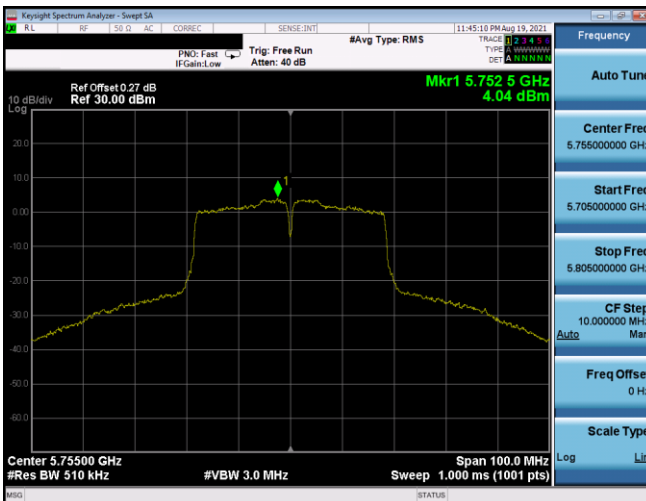
Plot 7-454. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



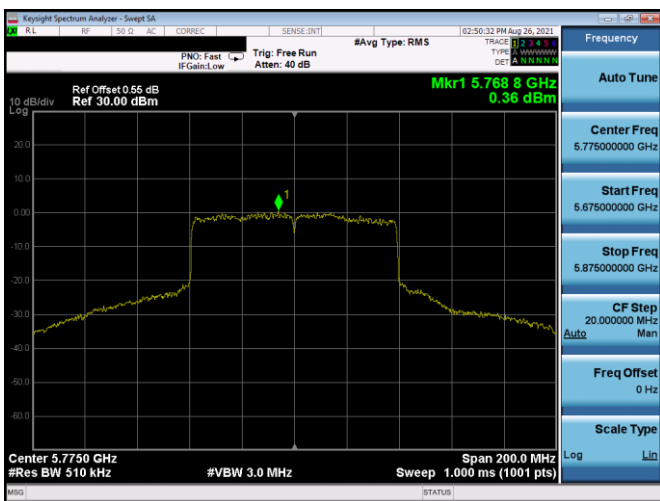
Plot 7-452. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-455. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 155, MCS2)

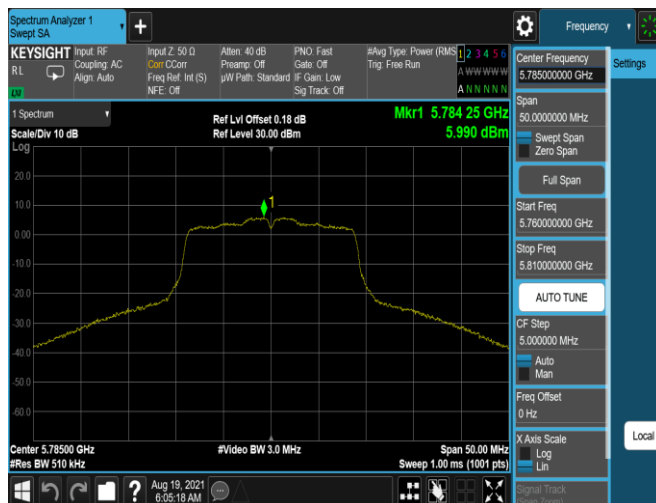


Plot 7-453. PSD Antenna 1b (40MHz BW 802.11n – Ch. 151, MCS2)

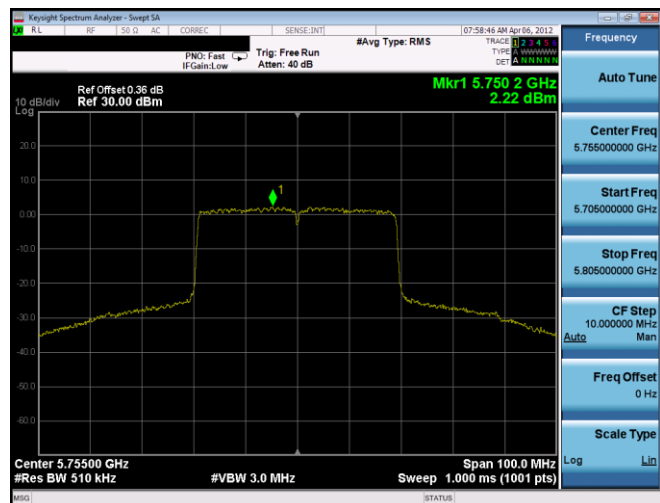


Plot 7-456. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 155, MCS2)

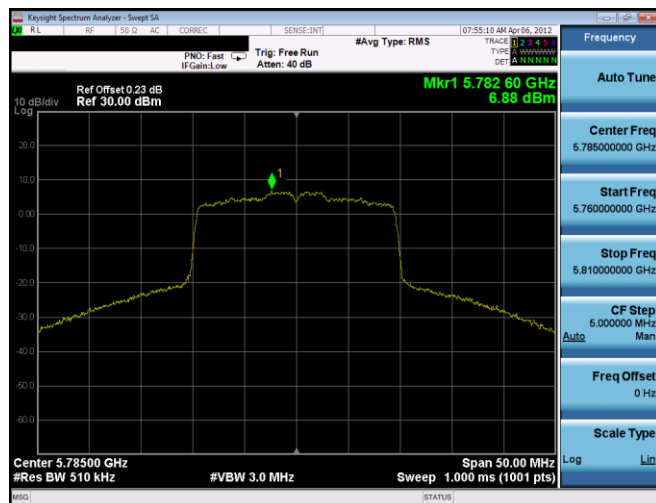
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 178 of 569



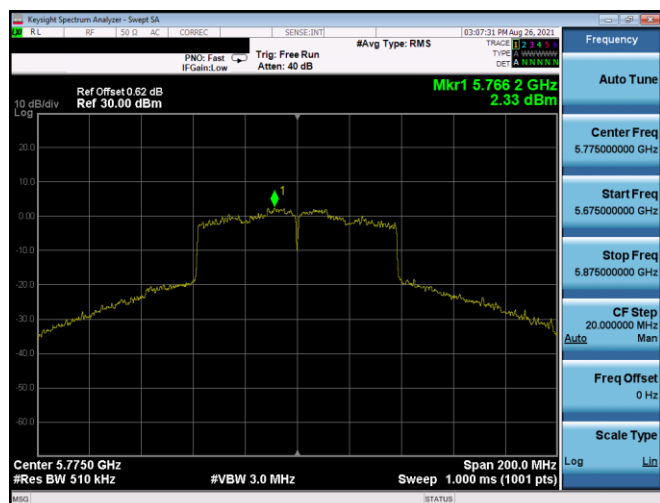
Plot 7-457. PSD Antenna 1b (20MHz BW 802.11n – Ch. 157, MCS3)



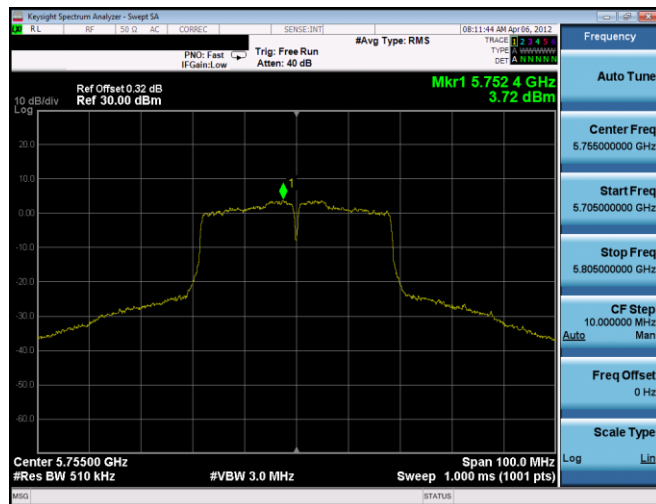
Plot 7-460. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 151, MCS3)



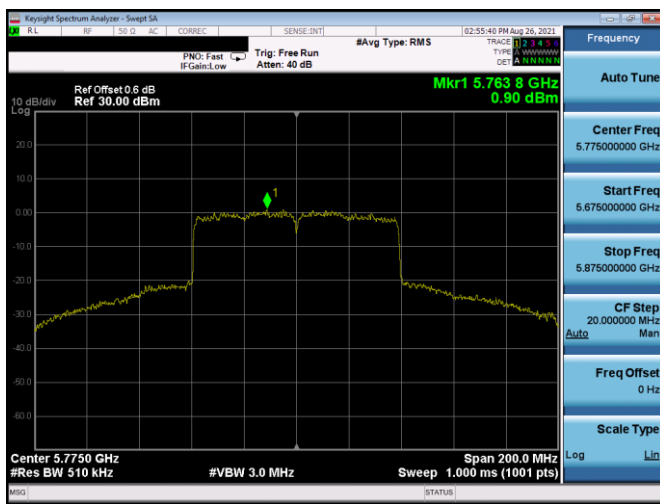
Plot 7-458. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 157, MCS3)



Plot 7-461. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 155, MCS3)

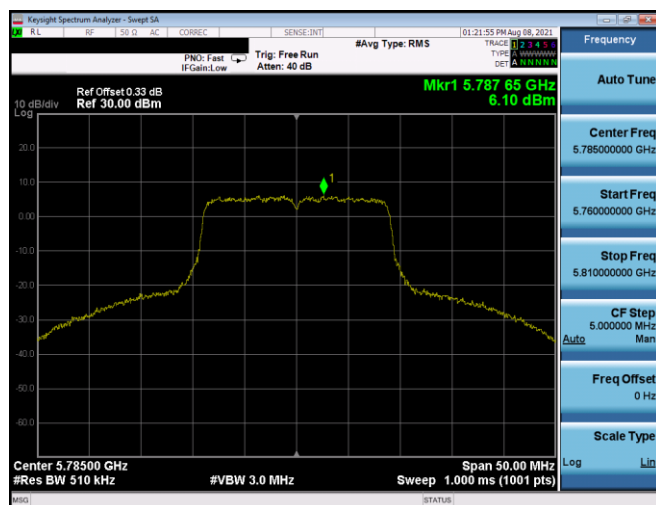


Plot 7-459. PSD Antenna 1b (40MHz BW 802.11n – Ch. 151, MCS3)

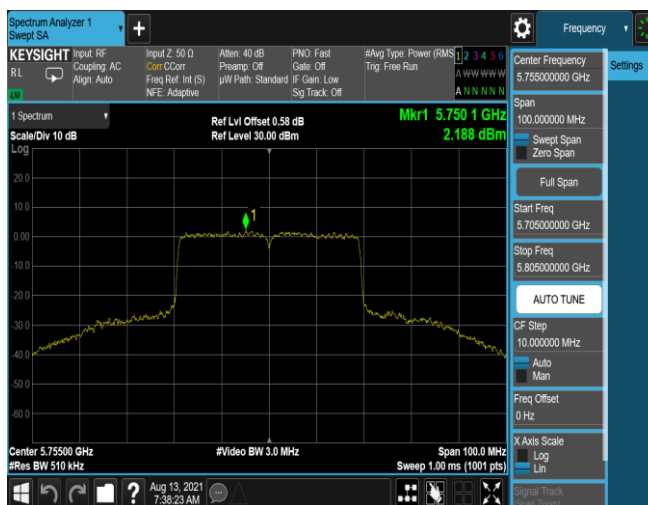


Plot 7-462. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 155, MCS3)

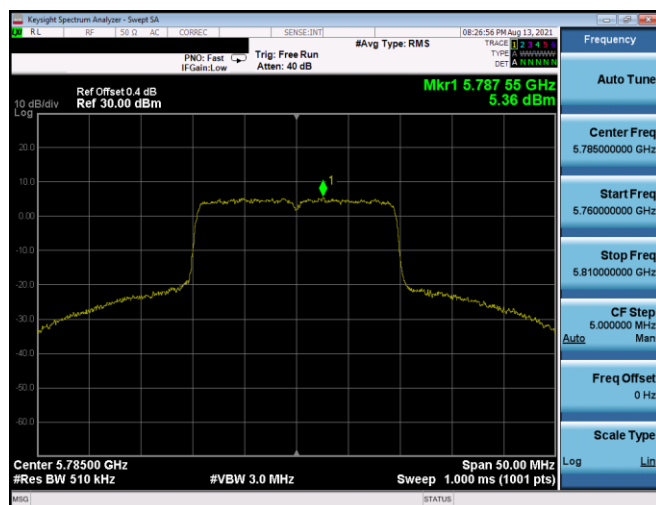
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 179 of 569



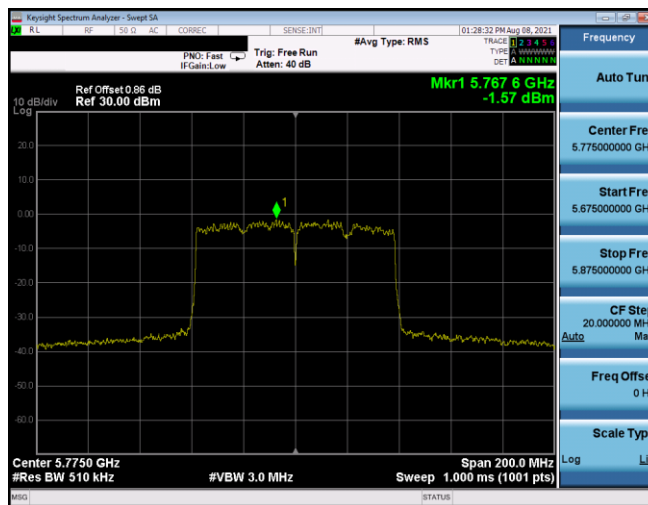
Plot 7-463. PSD Antenna 1b (20MHz BW 802.11n – Ch. 157, MCS5)



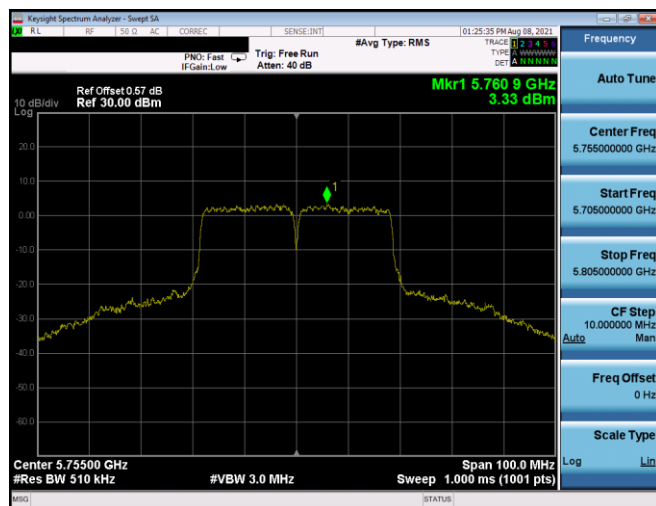
Plot 7-466. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 151, MCS5)



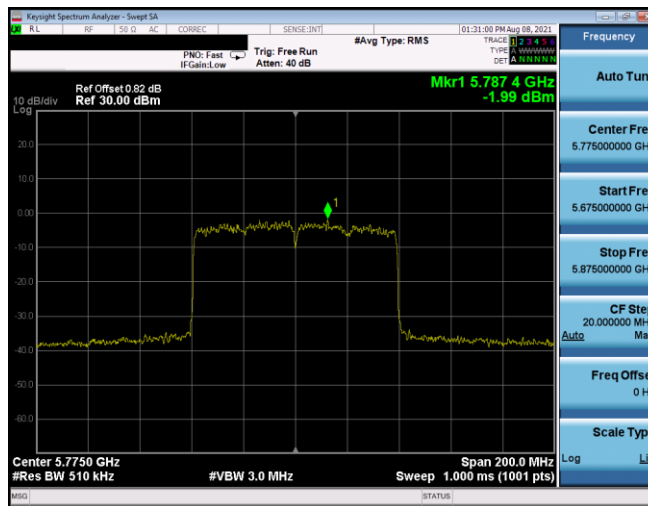
Plot 7-464. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 157, MCS5)



Plot 7-467. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 155, MCS5)



Plot 7-465. PSD Antenna 1b (40MHz BW 802.11n – Ch. 151, MCS5)



Plot 7-468. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 155, MCS5)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 180 of 569

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	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)	19.5/21.7 (MCS2)	4.60	0.40	5.00	10.0	-5.00
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	5.36	0.40	5.76	10.0	-4.24
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	5.47	0.40	5.87	10.0	-4.13
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	4.05	0.40	4.45	10.0	-5.55
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	4.75	0.40	5.15	10.0	-4.85
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	4.72	0.40	5.12	10.0	-4.88
	5190	38	n (40MHz)	40.5/45 (MCS2)	2.00	0.40	2.40	10.0	-7.60
	5230	46	n (40MHz)	40.5/45 (MCS2)	5.14	0.40	5.54	10.0	-4.46
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.98	0.40	-0.58	10.0	-10.58
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	3.15	0.40	3.55	10.0	-6.45
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-1.50	0.40	-1.10	10.0	-11.10
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.46	0.40	-3.06	10.0	-13.06

Table 7-182. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1b (Low Data Rate)

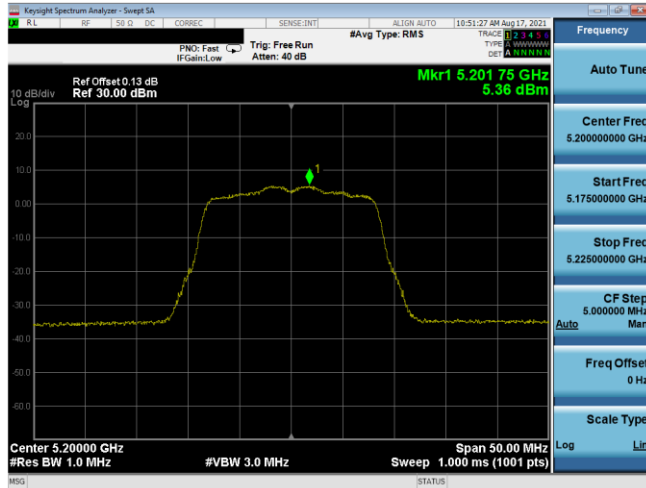
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	26/28.9 (MCS3)	3.91	0.40	4.31	10.0	-5.69
	5200	40	n (20MHz)	26/28.9 (MCS3)	4.50	0.40	4.90	10.0	-5.10
	5240	48	n (20MHz)	26/28.9 (MCS3)	4.50	0.40	4.90	10.0	-5.10
	5180	36	ax (SU) (20MHz)	33/34.4 (MCS3)	3.73	0.40	4.13	10.0	-5.87
	5200	40	ax (SU) (20MHz)	33/34.4 (MCS3)	4.26	0.40	4.66	10.0	-5.34
	5240	48	ax (SU) (20MHz)	33/34.4 (MCS3)	4.28	0.40	4.68	10.0	-5.32
	5190	38	n (40MHz)	54/60 (MCS3)	1.26	0.40	1.66	10.0	-8.35
	5230	46	n (40MHz)	54/60 (MCS3)	4.47	0.40	4.87	10.0	-5.13
	5190	38	ax (SU) (40MHz)	65/68.8 (MCS3)	-1.61	0.40	-1.21	10.0	-11.21
	5230	46	ax (SU) (40MHz)	65/68.8 (MCS3)	2.84	0.40	3.24	10.0	-6.76
	5210	42	ac (80MHz)	117/130 (MCS3)	-2.45	0.40	-2.05	10.0	-12.05
	5210	42	ax (SU) (80MHz)	136/144.1 (MCS3)	-3.61	0.40	-3.21	10.0	-13.21

Table 7-183. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1b (Mid Data Rate)

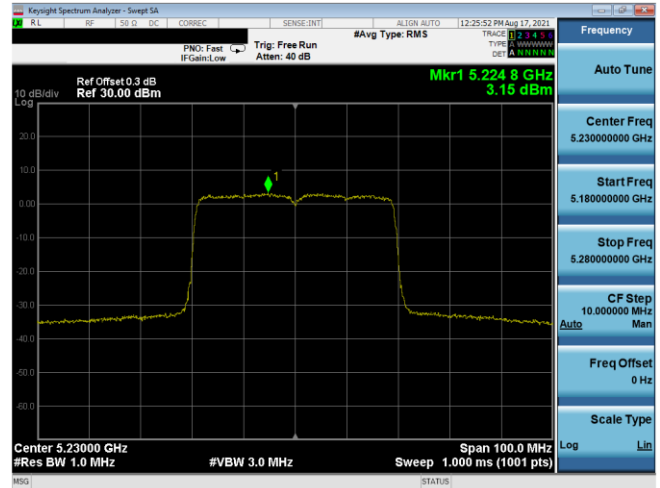
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	52/57.8 (MCS5)	2.74	0.40	3.14	10.0	-6.86
	5200	40	n (20MHz)	52/57.8 (MCS5)	2.76	0.40	3.16	10.0	-6.84
	5240	48	n (20MHz)	52/57.8 (MCS5)	2.97	0.40	3.37	10.0	-6.63
	5180	36	ax (SU) (20MHz)	65/68.8 (MCS5)	2.16	0.40	2.56	10.0	-7.44
	5200	40	ax (SU) (20MHz)	65/68.8 (MCS5)	2.33	0.40	2.73	10.0	-7.27
	5240	48	ax (SU) (20MHz)	65/68.8 (MCS5)	2.40	0.40	2.80	10.0	-7.20
	5190	38	n (40MHz)	108/120 (MCS5)	-1.23	0.40	-0.83	10.0	-10.83
	5230	46	n (40MHz)	108/120 (MCS5)	3.15	0.40	3.55	10.0	-6.45
	5190	38	ax (SU) (40MHz)	130/137.6 (MCS5)	-2.96	0.40	-2.56	10.0	-12.56
	5230	46	ax (SU) (40MHz)	130/137.6 (MCS5)	2.76	0.40	3.16	10.0	-6.84
	5210	42	ac (80MHz)	234/260 (MCS5)	-4.35	0.40	-3.95	10.0	-13.95
	5210	42	ax (SU) (80MHz)	272/288.2 (MCS5)	-5.22	0.40	-4.82	10.0	-14.82

Table 7-184. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1b (High Data Rate)

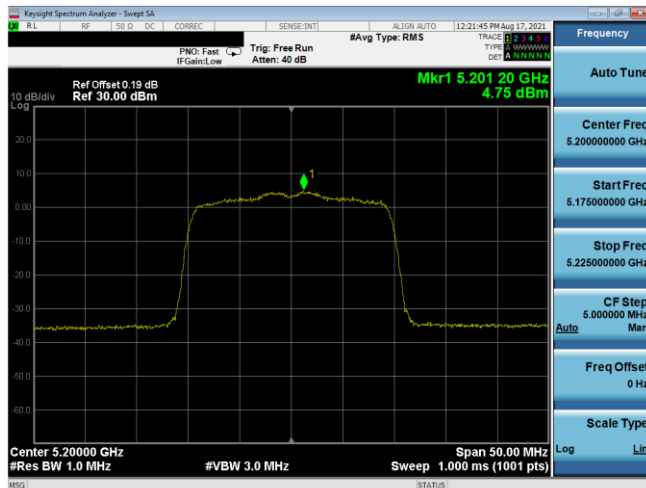
FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 181 of 569



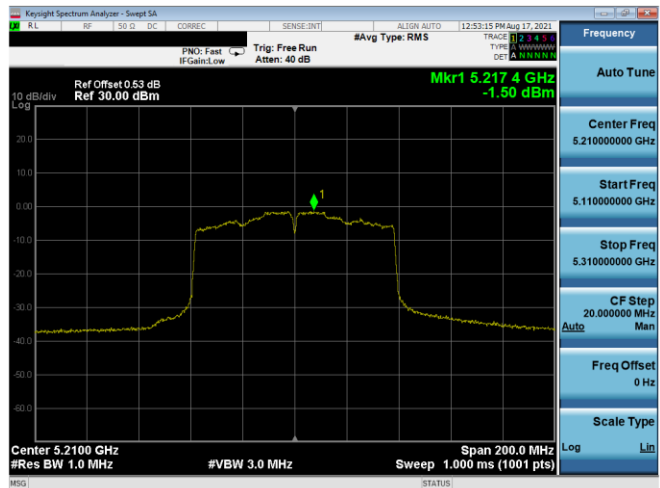
Plot 7-469. ISSED PSD Antenna 1b (20MHz BW 11n – Ch.40, MCS2)



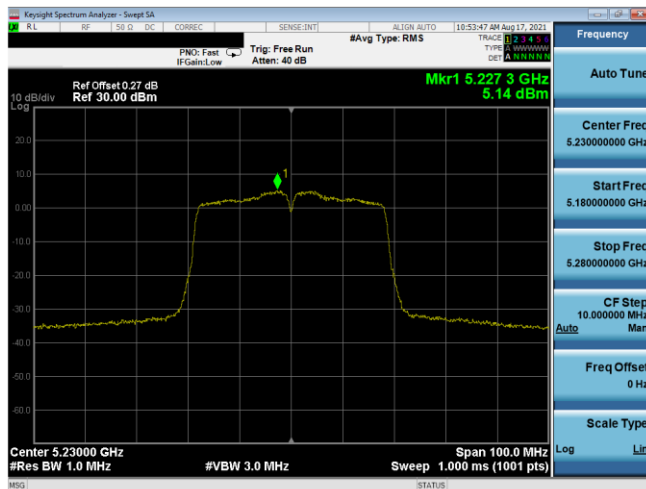
Plot 7-472. ISSED PSD Antenna 1b (40MHz BW 11ax(SU) – Ch.46, MCS2)



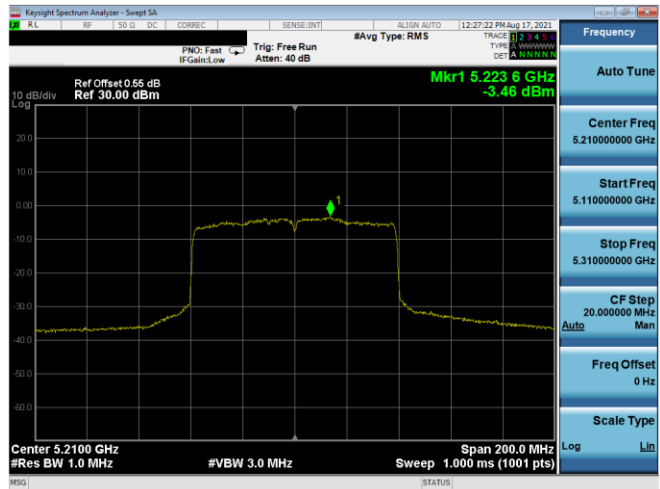
Plot 7-470. ISSED PSD Antenna 1b (20MHz BW 11ax(SU) – Ch.40, MCS2)



Plot 7-473. ISSED PSD Antenna 1b (80MHz BW 11ac – Ch.42, MCS2)

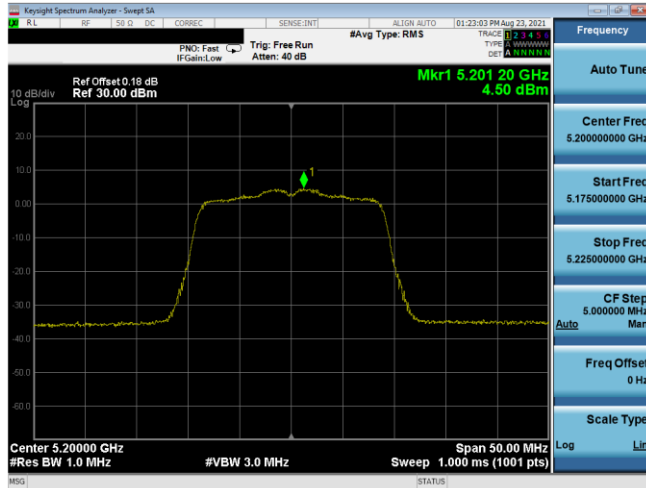


Plot 7-471. ISSED PSD Antenna 1b (40MHz BW 11n – Ch.46, MCS2)

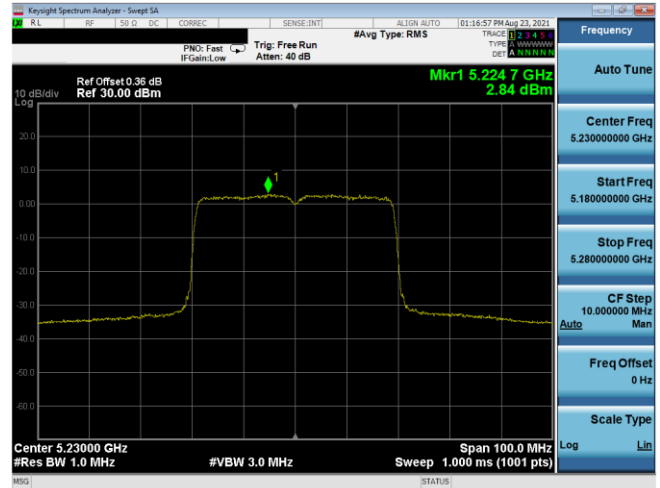


Plot 7-474. ISSED PSD Antenna 1b (80MHz BW 11ax (SU) – Ch.42, MCS2)

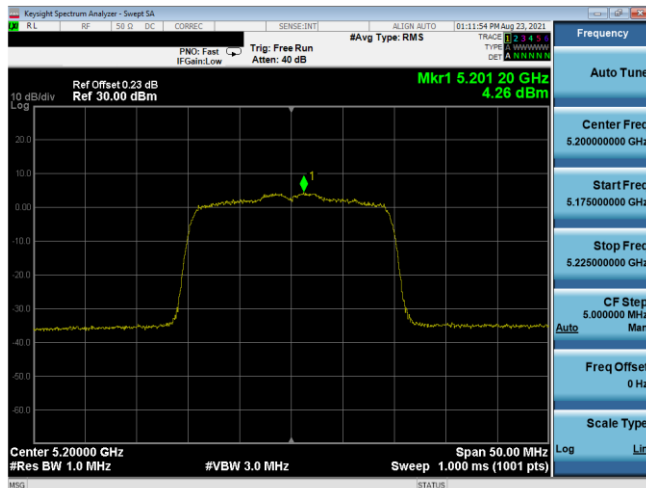
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 182 of 569



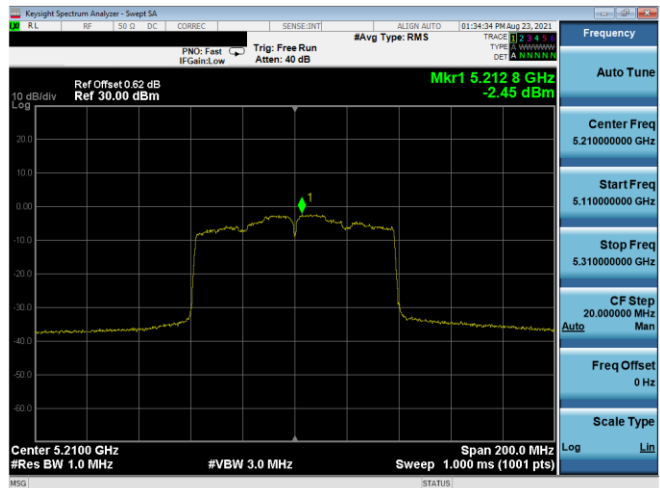
Plot 7-475. ISSED PSD Antenna 1b (20MHz BW 11n – Ch.40, MCS3)



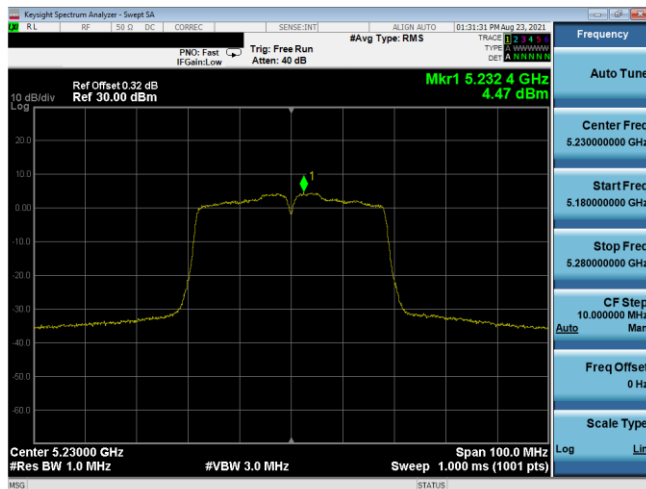
Plot 7-478. ISSED PSD Antenna 1b (40MHz BW 11ax(SU) – Ch.46, MCS3)



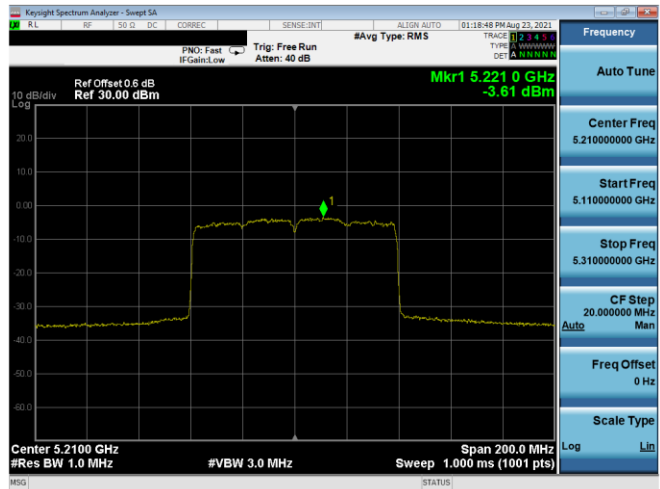
Plot 7-476. ISSED PSD Antenna 1b (20MHz BW 11ax(SU) – Ch.40, MCS3)



Plot 7-479. ISSED PSD Antenna 1b (80MHz BW 11ac – Ch.42, MCS3)

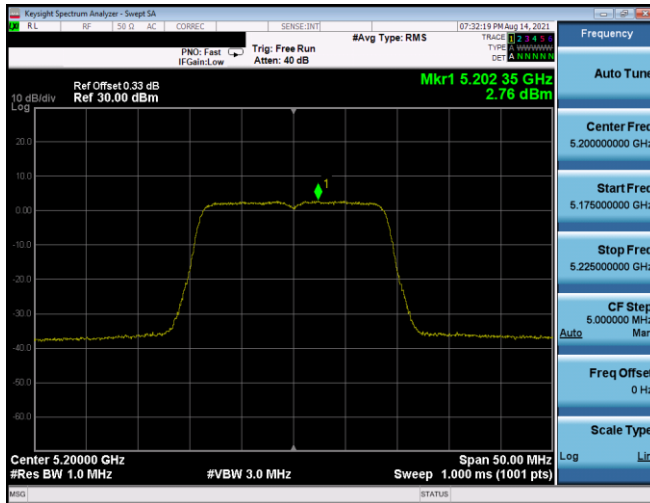


Plot 7-477. ISSED PSD Antenna 1b (40MHz BW 11n – Ch.46, MCS3)

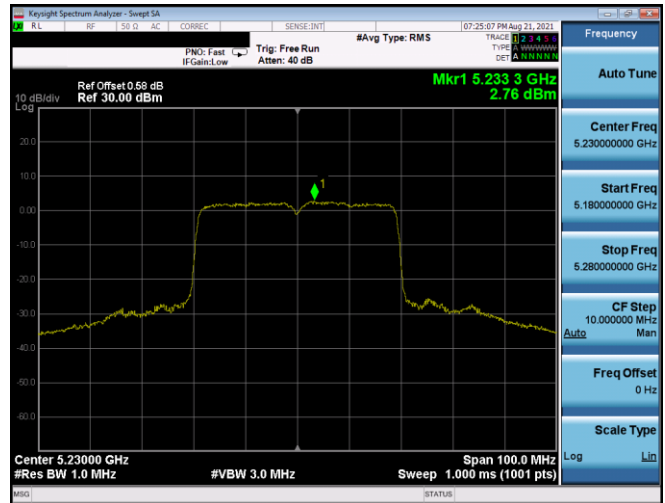


Plot 7-480. ISSED PSD Antenna 1b (80MHz BW 11ax (SU) – Ch.42, MCS3)

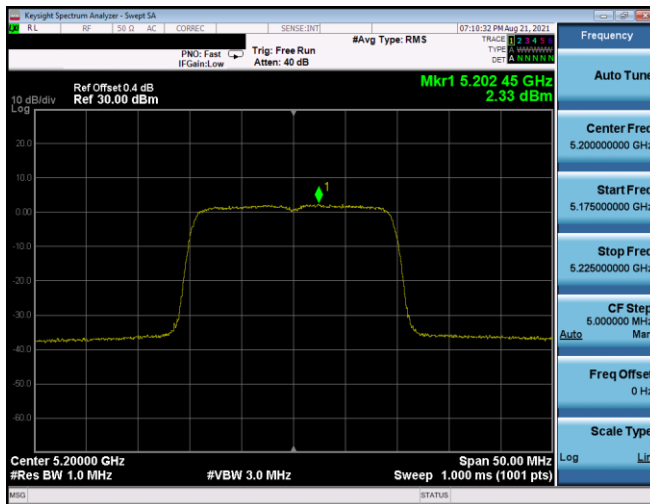
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 183 of 569



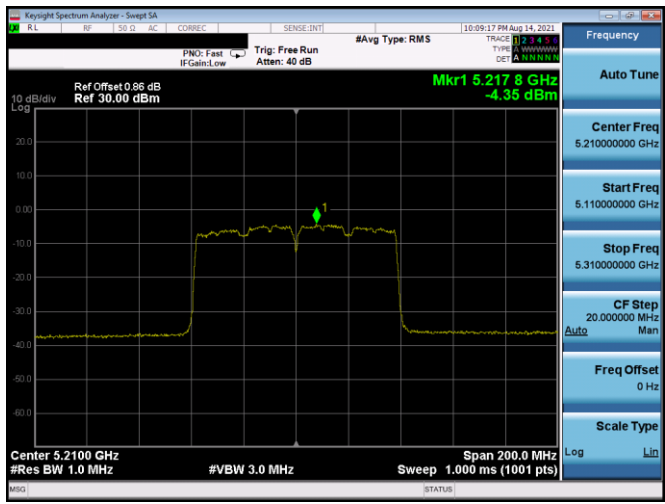
Plot 7-481. ISED PSD Antenna 1b (20MHz BW 11n - Ch.40, MCS5)



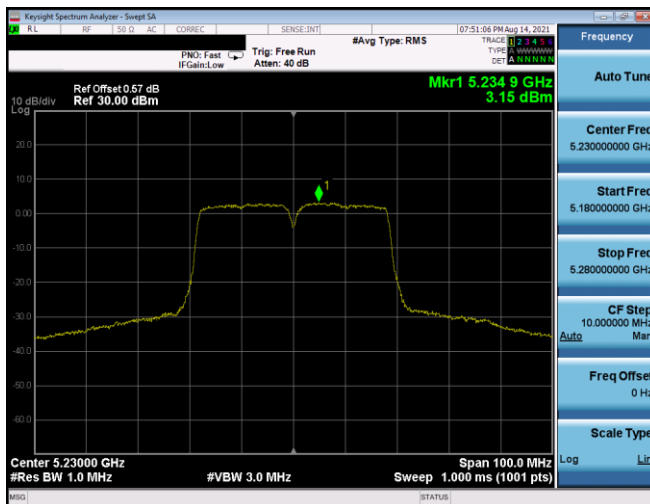
Plot 7-484. ISED PSD Antenna 1b (40MHz BW 11ax(SU) - Ch.46, MCS5)



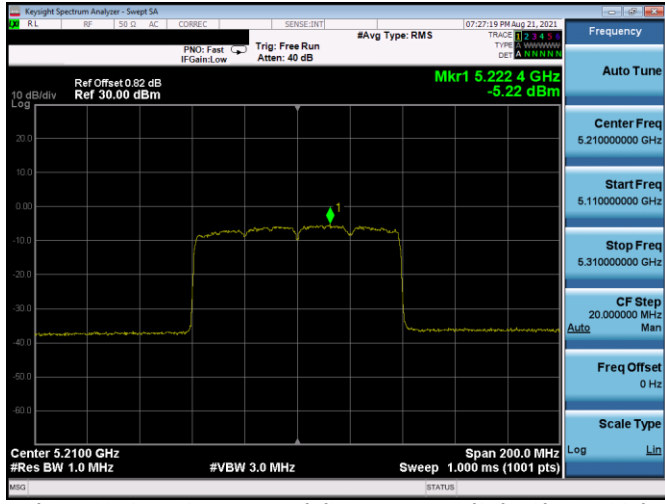
Plot 7-482. ISED PSD Antenna 1b (20MHz BW 11ax(SU) - Ch.40, MCS5)



Plot 7-485. ISED PSD Antenna 1b (80MHz BW 11ac - Ch.42, MCS5)



Plot 7-483. ISED PSD Antenna 1b (40MHz BW 11n - Ch.46, MCS5)



Plot 7-486. ISED PSD Antenna 1b (80MHz BW 11ax(SU) - Ch.42, MCS5)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 184 of 569

7.5.4 Summed CDD/SDM Primary

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 3b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	SDM	39/43.3 (MCS10)	5.34	6.44	8.93	10.9	-2.00
	5200	40	n (20MHz)	SDM	39/43.3 (MCS10)	7.39	7.19	10.30	10.9	-0.64
	5240	48	n (20MHz)	SDM	39/43.3 (MCS10)	6.35	6.20	9.29	10.9	-1.65
	5180	36	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.56	5.38	9.02	10.9	-1.91
	5200	40	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	7.27	7.08	10.19	10.9	-0.75
	5240	48	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	7.20	6.75	9.99	10.9	-0.94
	5190	38	n (40MHz)	CDD	81/90 (MCS10)	1.66	1.79	4.74	10.9	-6.20
	5230	46	n (40MHz)	SDM	81/90 (MCS10)	7.34	7.09	10.23	10.9	-0.71
	5190	38	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-1.39	-0.70	1.98	10.9	-8.95
	5230	46	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	6.08	5.78	8.94	10.9	-1.99
Band 2A	5210	42	ac (80MHz)	CDD	175.5/195 (MCS2)	-1.95	-0.92	1.61	10.9	-9.33
	5210	42	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.52	-3.11	0.21	10.9	-10.73
	5260	52	n (20MHz)	SDM	39/43.3 (MCS10)	6.02	6.98	9.54	10.8	-1.24
	5280	56	n (20MHz)	SDM	39/43.3 (MCS10)	7.25	7.20	10.24	10.8	-0.54
	5320	64	n (20MHz)	SDM	39/43.3 (MCS10)	6.64	6.21	9.44	10.8	-1.33
	5260	52	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	7.06	7.10	10.09	10.8	-0.68
	5280	56	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	7.21	6.90	10.07	10.8	-0.71
	5320	64	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	6.70	5.99	9.37	10.8	-1.41
	5270	54	n (40MHz)	SDM	81/90 (MCS10)	7.32	6.72	10.04	10.8	-0.73
	5310	62	n (40MHz)	CDD	81/90 (MCS10)	2.00	2.12	5.07	10.8	-5.70
Band 2C	5270	54	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	4.96	5.37	8.18	10.8	-2.59
	5310	62	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-0.31	-0.31	2.70	10.8	-8.08
	5290	58	ac (80MHz)	CDD	175.5/195 (MCS2)	-2.94	-1.95	0.59	10.8	-10.18
	5290	58	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-3.89	-3.43	-0.64	10.8	-11.42
	5500	100	n (20MHz)	CDD	39/43.3 (MCS10)	6.91	6.65	9.79	11.0	-1.21
	5580	116	n (20MHz)	CDD	39/43.3 (MCS10)	6.90	6.63	9.78	11.0	-1.22
	5720	144	n (20MHz)	CDD	39/43.3 (MCS10)	7.35	6.90	10.14	11.0	-0.86
	5500	100	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.74	5.50	9.18	11.0	-1.82
	5580	116	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	7.66	6.37	10.07	11.0	-0.93
	5720	144	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	7.55	6.42	10.03	11.0	-0.97
Band 2C	5510	102	n (40MHz)	CDD	81/90 (MCS10)	2.33	2.34	5.34	11.0	-5.66
	5550	110	n (40MHz)	CDD	81/90 (MCS10)	7.99	6.39	10.28	11.0	-0.72
	5590	118	n (40MHz)	CDD	81/90 (MCS10)	6.80	6.64	9.73	11.0	-1.27
	5710	142	n (40MHz)	CDD	81/90 (MCS10)	7.05	7.30	10.19	11.0	-0.81
	5510	102	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-0.97	-0.72	2.17	11.0	-8.83
	5550	110	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	4.25	4.24	7.25	11.0	-3.75
	5590	118	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	5.39	4.79	8.11	11.0	-2.89
	5710	142	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	5.40	5.92	8.67	11.0	-2.33
	5530	106	ac (80MHz)	CDD	175.5/195 (MCS2)	-1.52	-1.51	1.49	11.0	-9.51
	5610	122	ac (80MHz)	CDD	175.5/195 (MCS2)	1.97	1.64	4.82	11.0	-6.18
Band 2C	5690	138	ac (80MHz)	CDD	175.5/195 (MCS2)	4.58	5.12	7.87	11.0	-3.13
	5530	106	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-4.18	-4.14	-1.15	11.0	-12.15
	5610	122	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-0.62	-0.59	2.40	11.0	-8.60
	5690	138	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	4.21	4.06	7.14	11.0	-3.86

Table 7-185. Bands 1, 2A, 2C CDD/SDM Power Spectral Density Measurements (Low Data Rate)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 185 of 569

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 3b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	CDD	52/57.8 (MCS11)	6.81	6.38	9.61	11.0	-1.39
	5200	40	n (20MHz)	SDM	52/57.8 (MCS11)	7.58	6.59	10.12	11.0	-0.88
	5240	48	n (20MHz)	SDM	52/57.8 (MCS11)	6.58	7.73	10.20	11.0	-0.80
	5180	36	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	6.21	5.46	8.86	11.0	-2.14
	5200	40	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	7.28	7.47	10.38	11.0	-0.62
	5240	48	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	7.25	7.01	10.15	11.0	-0.85
	5190	38	n (40MHz)	CDD	108/120 (MCS11)	2.11	1.50	4.82	11.0	-6.18
	5230	46	n (40MHz)	CDD	108/120 (MCS11)	7.58	7.33	10.47	11.0	-0.53
	5190	38	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	-0.21	-0.29	2.76	11.0	-8.24
	5230	46	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	6.61	6.02	9.33	11.0	-1.67
Band 2A	5210	42	ac (80MHz)	CDD	234/260 (MCS3)	-1.54	-1.66	1.41	11.0	-9.59
	5210	42	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	-2.97	-3.56	-0.24	11.0	-11.24
	5260	52	n (20MHz)	SDM	52/57.8 (MCS11)	7.35	7.01	10.19	11.0	-0.81
	5280	56	n (20MHz)	SDM	52/57.8 (MCS11)	7.55	7.10	10.34	11.0	-0.66
	5320	64	n (20MHz)	SDM	52/57.8 (MCS11)	7.14	7.10	10.13	11.0	-0.87
	5260	52	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	7.27	7.20	10.24	11.0	-0.76
	5280	56	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	7.52	7.28	10.41	11.0	-0.59
	5320	64	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	7.41	6.49	9.99	11.0	-1.01
	5270	54	n (40MHz)	CDD	108/120 (MCS11)	7.09	7.11	10.11	11.0	-0.89
	5310	62	n (40MHz)	CDD	108/120 (MCS11)	1.02	1.46	4.25	11.0	-6.75
	5270	54	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	4.08	4.59	7.35	11.0	-3.65
	5310	62	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	-0.86	-0.58	2.29	11.0	-8.71
	5290	58	ac (80MHz)	CDD	234/260 (MCS3)	-2.66	-2.53	0.42	11.0	-10.58
	5290	58	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	-5.08	-4.92	-1.99	11.0	-12.99
Band 2C	5500	100	n (20MHz)	CDD	52/57.8 (MCS11)	6.05	5.74	8.91	11.0	-2.09
	5580	116	n (20MHz)	CDD	52/57.8 (MCS11)	7.12	6.75	9.95	11.0	-1.05
	5720	144	n (20MHz)	CDD	52/57.8 (MCS11)	7.51	7.24	10.39	11.0	-0.61
	5500	100	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	5.87	5.58	8.74	11.0	-2.26
	5580	116	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	7.43	6.40	9.96	11.0	-1.04
	5720	144	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	7.73	6.65	10.23	11.0	-0.77
	5510	102	n (40MHz)	CDD	108/120 (MCS11)	1.66	0.64	4.19	11.0	-6.81
	5550	110	n (40MHz)	CDD	108/120 (MCS11)	7.46	6.22	9.89	11.0	-1.11
	5590	118	n (40MHz)	CDD	108/120 (MCS11)	6.10	6.49	9.31	11.0	-1.69
	5710	142	n (40MHz)	CDD	108/120 (MCS11)	7.52	6.85	10.21	11.0	-0.79
	5510	102	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	-0.88	-1.14	2.00	11.0	-9.00
	5550	110	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	4.00	3.84	6.93	11.0	-4.07
	5590	118	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	4.95	4.86	7.92	11.0	-3.08
	5710	142	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	5.97	5.88	8.94	11.0	-2.06
	5530	106	ac (80MHz)	CDD	234/260 (MCS3)	-2.07	-1.90	1.02	11.0	-9.98
	5610	122	ac (80MHz)	CDD	234/260 (MCS3)	0.62	0.89	3.77	11.0	-7.23
	5690	138	ac (80MHz)	CDD	234/260 (MCS3)	5.26	4.63	7.97	11.0	-3.03
	5530	106	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	-4.92	-4.25	-1.56	11.0	-12.56
	5610	122	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	-1.11	-0.96	1.98	11.0	-9.02
	5690	138	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	3.50	3.22	6.38	11.0	-4.62

Table 7-186. Bands 1, 2A, 2C CDD/SDM Power Spectral Density Measurements (Mid Data Rate)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

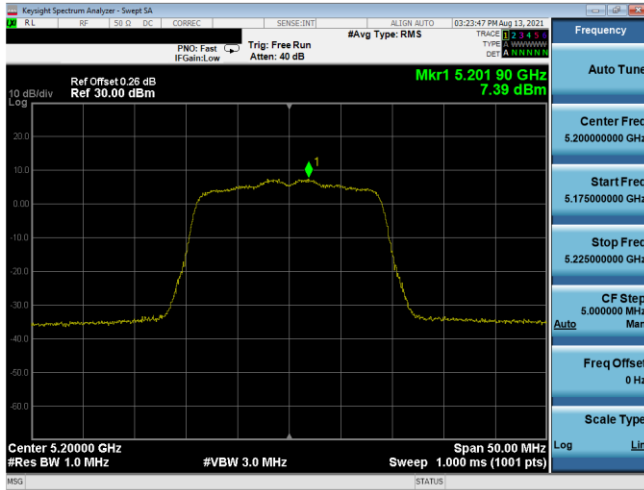
FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 186 of 569

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 3b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	CDD	104/115.6 (MCS13)	5.05	4.82	7.95	11.0	-3.05
	5200	40	n (20MHz)	SDM	104/115.6 (MCS13)	6.50	6.50	9.51	11.0	-1.49
	5240	48	n (20MHz)	SDM	104/115.6 (MCS13)	6.51	5.29	8.95	11.0	-2.05
	5180	36	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	3.41	2.50	5.99	11.0	-5.01
	5200	40	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	5.22	4.63	7.95	11.0	-3.05
	5240	48	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	5.64	4.36	8.06	11.0	-2.94
	5190	38	n (40MHz)	CDD	216/240 (MCS13)	0.69	-0.54	3.13	11.0	-7.87
	5230	46	n (40MHz)	SDM	216/240 (MCS13)	6.60	5.28	9.00	11.0	-2.00
	5190	38	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	-0.93	-1.88	1.63	11.0	-9.37
	5230	46	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	5.22	5.26	8.25	11.0	-2.75
Band 2A	5210	42	ac (80MHz)	CDD	468/520 (MCS5)	-2.46	-2.91	0.33	11.0	-10.67
	5210	42	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-3.61	-4.09	-0.84	11.0	-11.84
	5260	52	n (20MHz)	SDM	104/115.6 (MCS13)	6.42	5.27	8.89	11.0	-2.11
	5280	56	n (20MHz)	SDM	104/115.6 (MCS13)	6.28	5.30	8.83	11.0	-2.17
	5320	64	n (20MHz)	CDD	104/115.6 (MCS13)	5.84	4.66	8.30	11.0	-2.70
	5260	52	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	5.43	4.85	8.16	11.0	-2.84
	5280	56	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	5.11	4.56	7.85	11.0	-3.15
	5320	64	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	3.97	3.46	6.73	11.0	-4.27
	5270	54	n (40MHz)	CDD	216/240 (MCS13)	5.85	4.98	8.45	11.0	-2.55
	5310	62	n (40MHz)	CDD	216/240 (MCS13)	0.25	-0.51	2.90	11.0	-8.10
Band 2C	5270	54	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	5.11	5.09	8.11	11.0	-2.89
	5310	62	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	-0.12	-0.65	2.63	11.0	-8.37
	5290	58	ac (80MHz)	CDD	468/520 (MCS5)	-3.49	-3.11	-0.28	11.0	-11.28
	5290	58	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-4.16	-4.31	-1.23	11.0	-12.23
	5500	100	n (20MHz)	CDD	104/115.6 (MCS13)	4.14	3.47	6.83	11.0	-4.17
	5580	116	n (20MHz)	CDD	104/115.6 (MCS13)	5.76	4.91	8.36	11.0	-2.64
	5720	144	n (20MHz)	CDD	104/115.6 (MCS13)	6.83	5.90	9.40	11.0	-1.60
	5500	100	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	3.61	2.95	6.30	11.0	-4.70
	5580	116	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	4.63	3.89	7.29	11.0	-3.71
	5720	144	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	5.45	4.24	7.90	11.0	-3.10
	5510	102	n (40MHz)	CDD	216/240 (MCS13)	-0.92	-1.41	1.85	11.0	-9.15
	5550	110	n (40MHz)	CDD	216/240 (MCS13)	4.60	4.28	7.45	11.0	-3.55
	5590	118	n (40MHz)	CDD	216/240 (MCS13)	5.09	5.72	8.43	11.0	-2.57
	5710	142	n (40MHz)	CDD	216/240 (MCS13)	6.44	6.01	9.24	11.0	-1.76
	5510	102	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	-0.09	-0.81	2.58	11.0	-8.42
	5550	110	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	5.24	4.35	7.83	11.0	-3.17
	5590	118	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	5.87	5.71	8.80	11.0	-2.20
	5710	142	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	7.15	6.76	9.97	11.0	-1.03
	5530	106	ac (80MHz)	CDD	468/520 (MCS5)	-3.57	-3.64	-0.59	11.0	-11.59
	5610	122	ac (80MHz)	CDD	468/520 (MCS5)	0.87	0.08	3.50	11.0	-7.50
	5690	138	ac (80MHz)	CDD	468/520 (MCS5)	3.22	3.04	6.14	11.0	-4.86
	5530	106	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-4.68	-6.18	-2.35	11.0	-13.35
	5610	122	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-0.76	-1.32	1.98	11.0	-9.02
	5690	138	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	3.44	2.49	6.01	11.0	-4.99

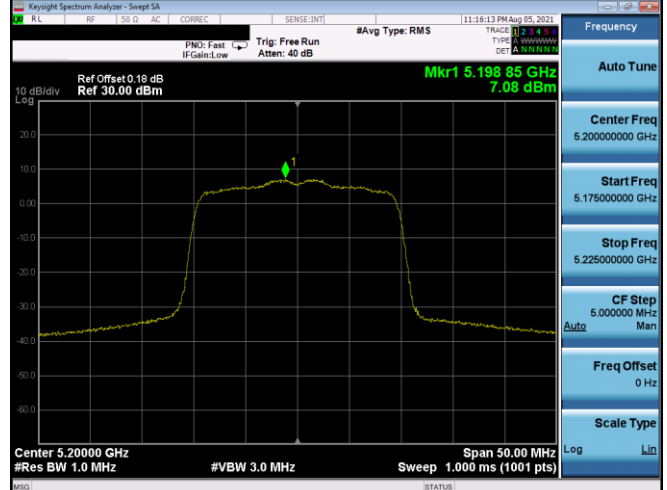
Table 7-187. Bands 1, 2A, 2C CDD/SDM Power Spectral Density Measurements (High Data Rate)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

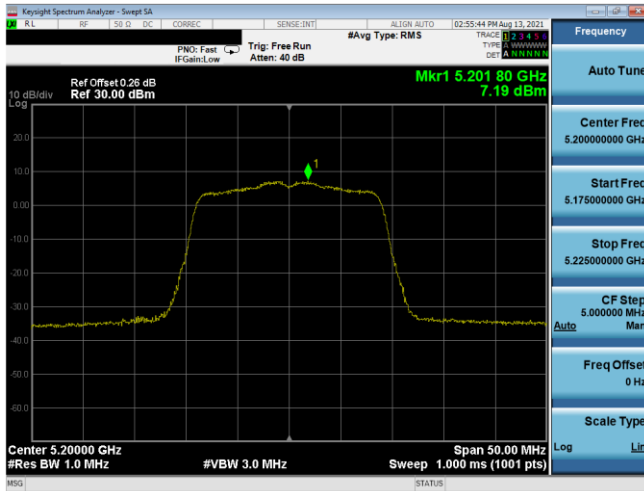
FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 187 of 569



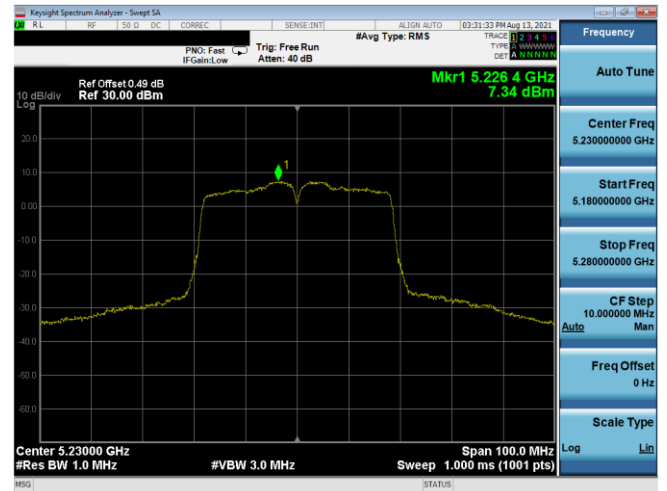
Plot 7-487. PSD SDM Antenna 5T (20MHz BW 802.11n – Ch. 40, MCS10)



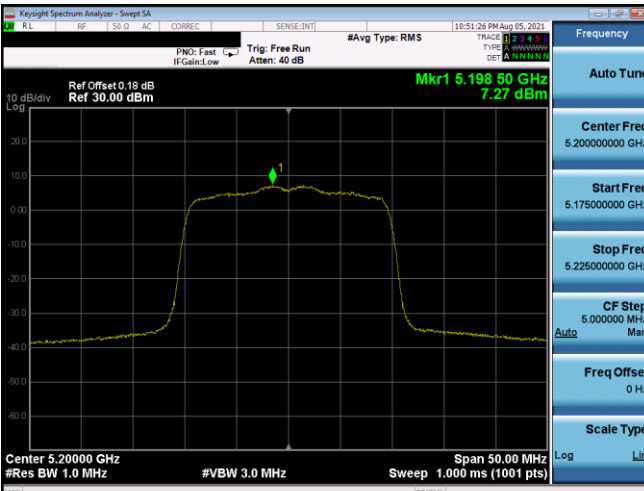
Plot 7-490. PSD SDM Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



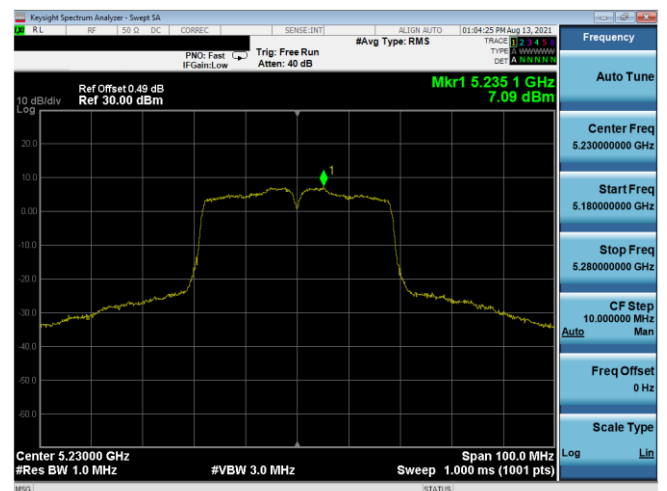
Plot 7-488. PSD SDM Antenna 3b (20MHz BW 802.11n – Ch. 40, MCS10)



Plot 7-491. PSD SDM Antenna 5T (40MHz BW 802.11n – Ch. 46, MCS10)



Plot 7-489. PSD SDM Antenna 5T (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



Plot 7-492. PSD SDM Antenna 3b (40MHz BW 802.11n – Ch. 46, MCS10)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 188 of 569