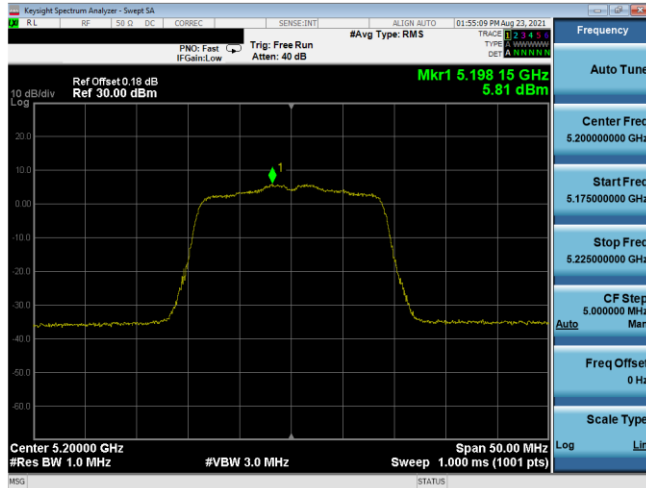
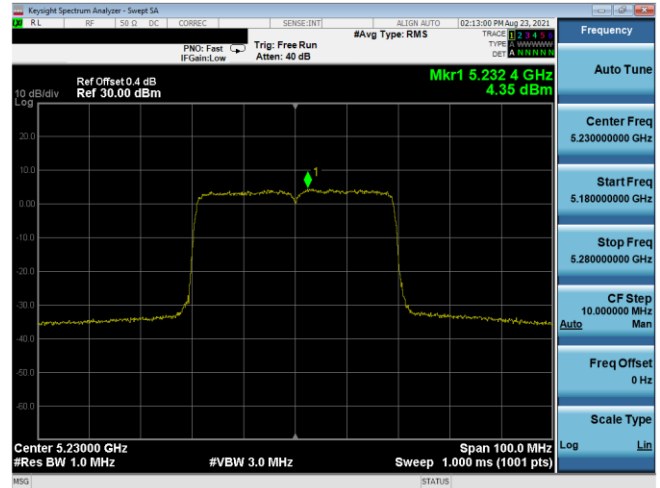
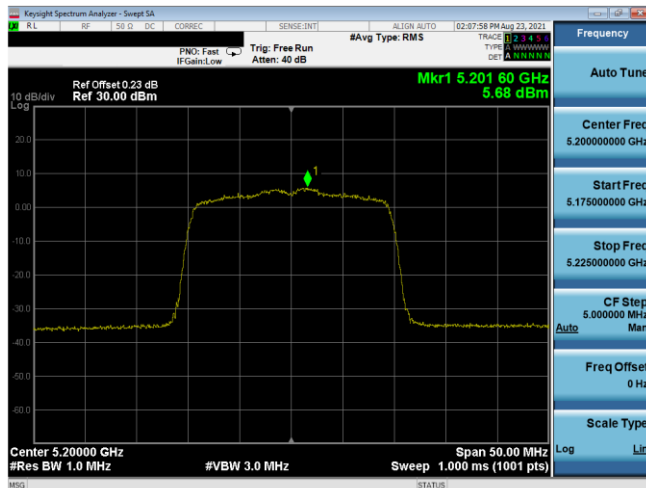




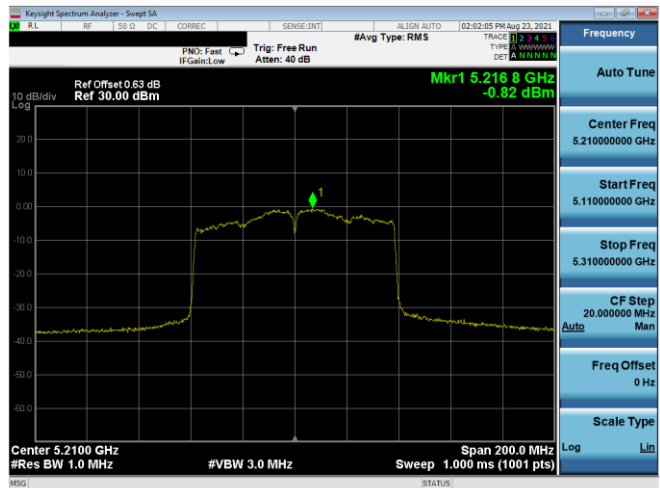
Plot 7-295. ISSED PSD Antenna 5T (20MHz BW 11n – Ch.40, MCS3)



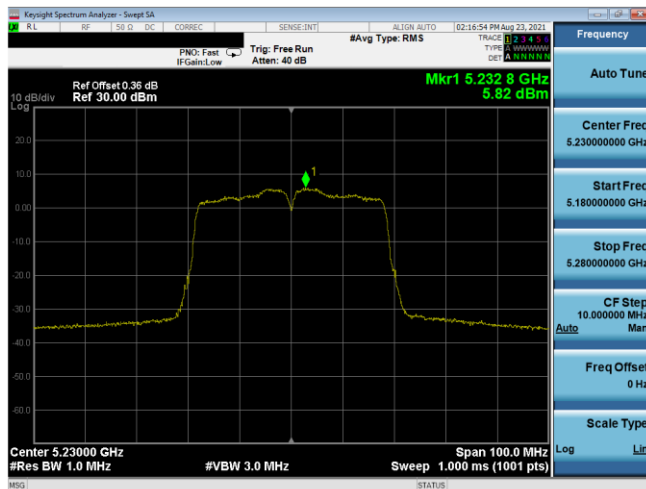
Plot 7-298. ISSED PSD Antenna 5T (40MHz BW 11ax(SU) – Ch.46, MCS3)



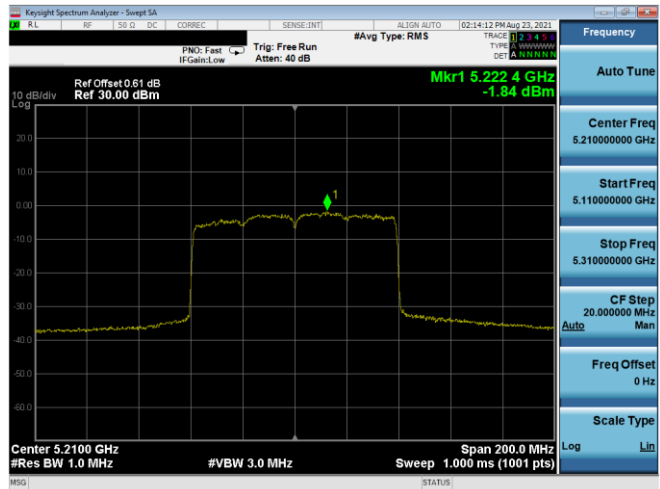
Plot 7-296. ISSED PSD Antenna 5T (20MHz BW 11ax(SU) – Ch.40, MCS3)



Plot 7-299. ISSED PSD Antenna 5T (80MHz BW 11ac – Ch.42, MCS3)

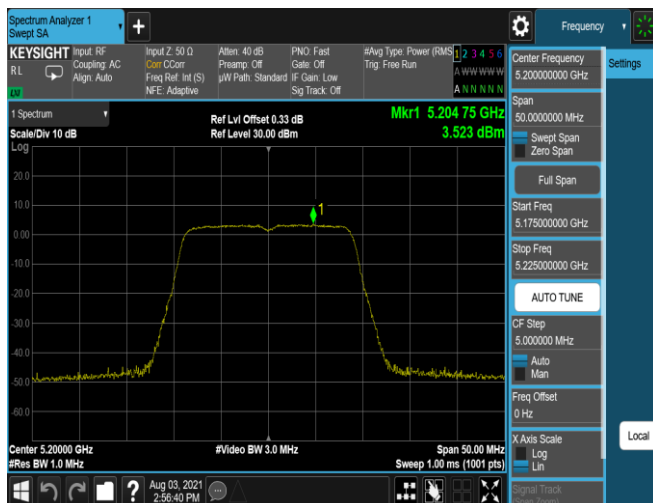


Plot 7-297. ISSED PSD Antenna 5T (40MHz BW 11n – Ch.46, MCS3)

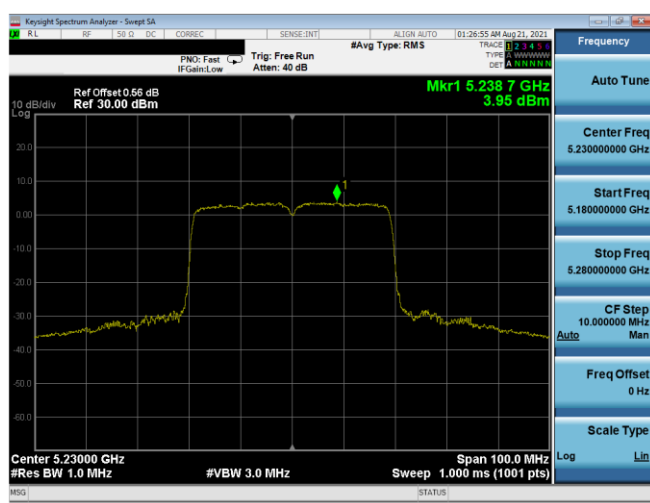


Plot 7-300. ISSED PSD Antenna 5T (80MHz BW 11ax(SU) – Ch.42, MCS3)

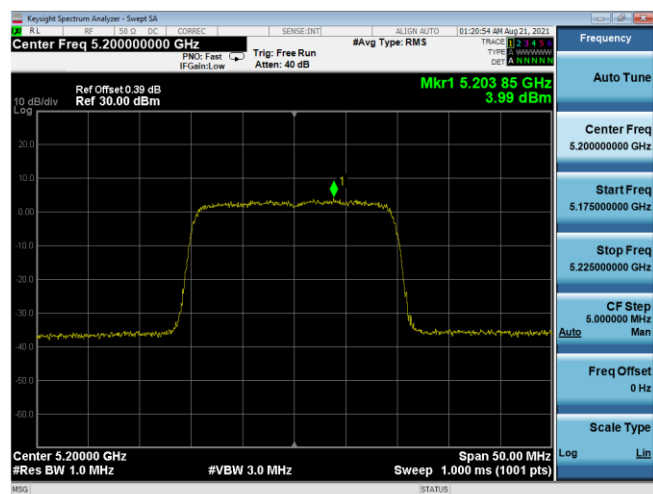
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 143 of 569



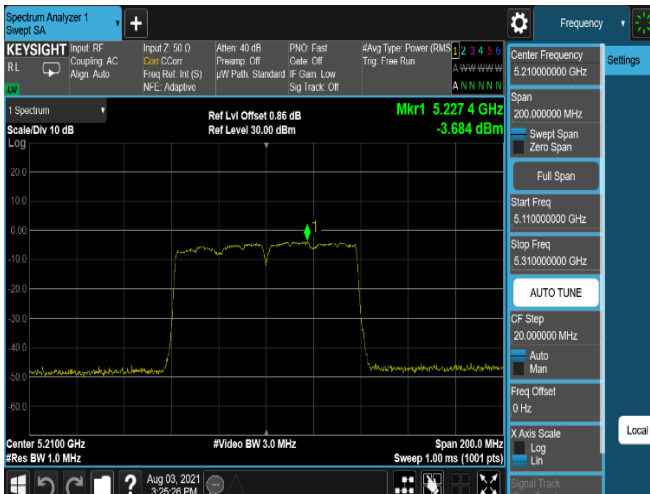
Plot 7-301. ISED PSD Antenna 5T (20MHz BW 11n - Ch.40, MCS5)



Plot 7-304. ISED PSD Antenna 5T (40MHz BW 11ax(SU) - Ch.46, MCS5)



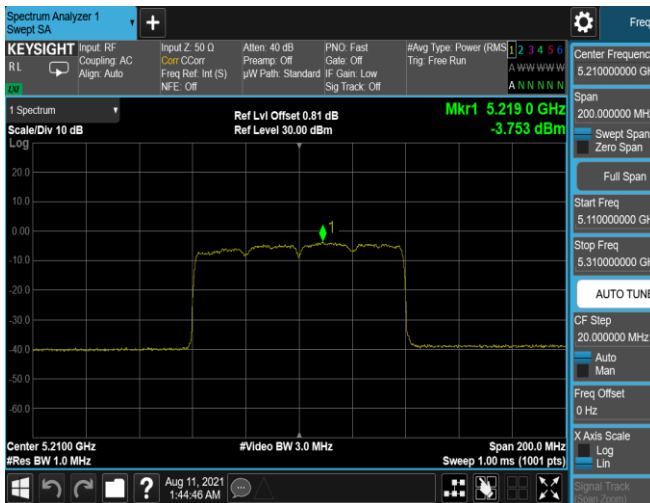
Plot 7-302. ISED PSD Antenna 5T (20MHz BW 11ax(SU) - Ch.40, MCS5)



Plot 7-305. ISED PSD Antenna 5T (80MHz BW 11ac - Ch.42, MCS5)



Plot 7-303. ISED PSD Antenna 5T (40MHz BW 11n - Ch.46, MCS5)



Plot 7-306. ISED PSD Antenna 5T (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 144 of 569

7.5.2 Antenna 3b Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	19.5/21.7 (MCS2)	6.36	11.0	-4.64
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	10.31	11.0	-0.70
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	10.39	11.0	-0.61
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	5.54	11.0	-5.46
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	6.83	11.0	-4.17
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	6.87	11.0	-4.13
	5190	38	n (40MHz)	40.5/45 (MCS2)	2.60	11.0	-8.40
	5230	46	n (40MHz)	40.5/45 (MCS2)	7.90	11.0	-3.10
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.24	11.0	-11.24
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	5.58	11.0	-5.42
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-0.05	11.0	-11.05
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.76	11.0	-13.76
Band 2A	5260	52	n (20MHz)	19.5/21.7 (MCS2)	10.38	11.0	-0.63
	5280	56	n (20MHz)	19.5/21.7 (MCS2)	10.21	11.0	-0.79
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	7.34	11.0	-3.67
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	9.94	11.0	-1.06
	5280	56	ax (SU) (20MHz)	24/25.8 (MCS2)	10.09	11.0	-0.91
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	7.29	11.0	-3.71
	5270	54	n (40MHz)	40.5/45 (MCS2)	7.43	11.0	-3.57
	5310	62	n (40MHz)	40.5/45 (MCS2)	2.31	11.0	-8.69
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	5.24	11.0	-5.76
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.54	11.0	-11.54
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	-1.57	11.0	-12.57
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.51	11.0	-14.51
Band 2C	5500	100	n (20MHz)	19.5/21.7 (MCS2)	7.10	11.0	-3.90
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	9.77	11.0	-1.23
	5720	144	n (20MHz)	19.5/21.7 (MCS2)	10.05	11.0	-0.95
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	5.55	11.0	-5.45
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	9.49	11.0	-1.51
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	9.84	11.0	-1.16
	5510	102	n (40MHz)	40.5/45 (MCS2)	2.88	11.0	-8.12
	5550	110	n (40MHz)	40.5/45 (MCS2)	7.29	11.0	-3.71
	*5590	118	n (40MHz)	40.5/45 (MCS2)	7.61	11.0	-3.39
	5710	142	n (40MHz)	40.5/45 (MCS2)	8.28	11.0	-2.72
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.23	11.0	-11.23
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	4.28	11.0	-6.72
	*5590	118	ax (SU) (40MHz)	49/51.6 (MCS2)	5.21	11.0	-5.79
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	6.55	11.0	-4.45
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	-0.60	11.0	-11.60
	*5610	122	ac (80MHz)	87.8/97.5 (MCS2)	2.40	11.0	-8.60
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	5.08	11.0	-5.92
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.10	11.0	-13.10
	*5610	122	ax (SU) (80MHz)	102/108.1 (MCS2)	0.50	11.0	-10.50
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	3.86	11.0	-7.14

Table 7-167. Power Spectral Density Measurements Antenna 3b (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 	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 145 of 569

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	26/28.9 (MCS3)	6.37	11.0	-4.63
	5200	40	n (20MHz)	26/28.9 (MCS3)	9.92	11.0	-1.09
	5240	48	n (20MHz)	26/28.9 (MCS3)	10.17	11.0	-0.83
	5180	36	ax (SU) (20MHz)	33/34.4 (MCS3)	5.41	11.0	-5.59
	5200	40	ax (SU) (20MHz)	33/34.4 (MCS3)	9.11	11.0	-1.89
	5240	48	ax (SU) (20MHz)	33/34.4 (MCS3)	9.08	11.0	-1.92
	5190	38	n (40MHz)	54/60 (MCS3)	2.38	11.0	-8.62
	5230	46	n (40MHz)	54/60 (MCS3)	8.02	11.0	-2.98
	5190	38	ax (SU) (40MHz)	65/68.8 (MCS3)	-1.02	11.0	-12.02
	5230	46	ax (SU) (40MHz)	65/68.8 (MCS3)	5.70	11.0	-5.30
	5210	42	ac (80MHz)	117/130 (MCS3)	-1.45	11.0	-12.45
	5210	42	ax (SU) (80MHz)	136/144.1 (MCS3)	-3.48	11.0	-14.48
Band 2A	5260	52	n (20MHz)	26/28.9 (MCS3)	10.47	11.0	-0.53
	5280	56	n (20MHz)	26/28.9 (MCS3)	10.13	11.0	-0.87
	5320	64	n (20MHz)	26/28.9 (MCS3)	7.28	11.0	-3.72
	5260	52	ax (SU) (20MHz)	33/34.4 (MCS3)	9.08	11.0	-1.92
	5280	56	ax (SU) (20MHz)	33/34.4 (MCS3)	9.35	11.0	-1.65
	5320	64	ax (SU) (20MHz)	33/34.4 (MCS3)	6.53	11.0	-4.47
	5270	54	n (40MHz)	54/60 (MCS3)	7.81	11.0	-3.19
	5310	62	n (40MHz)	54/60 (MCS3)	1.49	11.0	-9.51
	5270	54	ax (SU) (40MHz)	65/68.8 (MCS3)	4.69	11.0	-6.31
	5310	62	ax (SU) (40MHz)	65/68.8 (MCS3)	-0.59	11.0	-11.59
	5290	58	ac (80MHz)	117/130 (MCS3)	-1.96	11.0	-12.96
	5290	58	ax (SU) (80MHz)	136/144.1 (MCS3)	-4.21	11.0	-15.21
Band 2C	5500	100	n (20MHz)	26/28.9 (MCS3)	6.81	11.0	-4.19
	5580	116	n (20MHz)	26/28.9 (MCS3)	10.46	11.0	-0.54
	5720	144	n (20MHz)	26/28.9 (MCS3)	9.78	11.0	-1.22
	5500	100	ax (SU) (20MHz)	33/34.4 (MCS3)	5.63	11.0	-5.37
	5580	116	ax (SU) (20MHz)	33/34.4 (MCS3)	9.43	11.0	-1.57
	5720	144	ax (SU) (20MHz)	33/34.4 (MCS3)	9.62	11.0	-1.38
	5510	102	n (40MHz)	54/60 (MCS3)	1.86	11.0	-9.14
	5550	110	n (40MHz)	54/60 (MCS3)	6.12	11.0	-4.88
	5590	118	n (40MHz)	54/60 (MCS3)	7.13	11.0	-3.87
	5710	142	n (40MHz)	54/60 (MCS3)	7.75	11.0	-3.25
	5510	102	ax (SU) (40MHz)	65/68.8 (MCS3)	-1.50	11.0	-12.50
	5550	110	ax (SU) (40MHz)	65/68.8 (MCS3)	3.96	11.0	-7.04
	5590	118	ax (SU) (40MHz)	65/68.8 (MCS3)	5.13	11.0	-5.87
	5710	142	ax (SU) (40MHz)	65/68.8 (MCS3)	5.40	11.0	-5.60
	5530	106	ac (80MHz)	117/130 (MCS3)	-0.68	11.0	-11.68
	5610	122	ac (80MHz)	117/130 (MCS3)	1.51	11.0	-9.49
	5690	138	ac (80MHz)	117/130 (MCS3)	5.16	11.0	-5.85
	5530	106	ax (SU) (80MHz)	136/144.1 (MCS3)	-3.20	11.0	-14.20
	5610	122	ax (SU) (80MHz)	136/144.1 (MCS3)	-0.31	11.0	-11.31
	5690	138	ax (SU) (80MHz)	136/144.1 (MCS3)	3.61	11.0	-7.39

Table 7-168. Power Spectral Density Measurements Antenna 3b (Mid Data Rate)

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

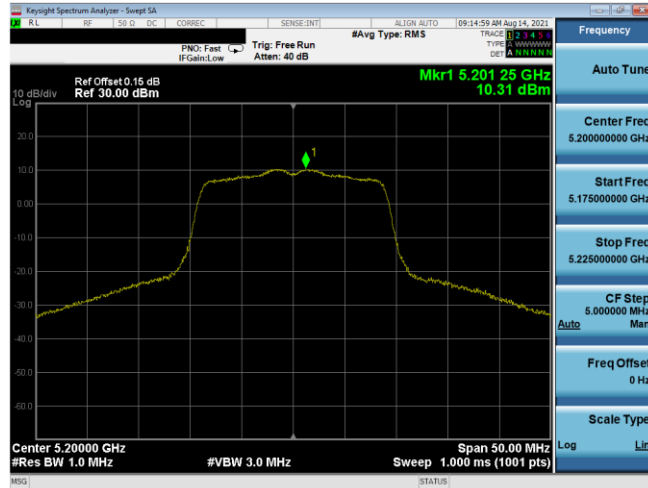
FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 146 of 569

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	52/57.8 (MCS5)	4.21	11.0	-6.79
	5200	40	n (20MHz)	52/57.8 (MCS5)	9.94	11.0	-1.06
	5240	48	n (20MHz)	52/57.8 (MCS5)	9.19	11.0	-1.81
	5180	36	ax (SU) (20MHz)	65/68.8 (MCS5)	3.26	11.0	-7.74
	5200	40	ax (SU) (20MHz)	65/68.8 (MCS5)	7.95	11.0	-3.05
	5240	48	ax (SU) (20MHz)	65/68.8 (MCS5)	7.52	11.0	-3.48
	5190	38	n (40MHz)	108/120 (MCS5)	0.17	11.0	-10.83
	5230	46	n (40MHz)	108/120 (MCS5)	6.05	11.0	-4.95
	5190	38	ax (SU) (40MHz)	130/137.6 (MCS5)	-1.91	11.0	-12.91
	5230	46	ax (SU) (40MHz)	130/137.6 (MCS5)	3.82	11.0	-7.18
	5210	42	ac (80MHz)	234/260 (MCS5)	-1.73	11.0	-12.73
	5210	42	ax (SU) (80MHz)	272/288.2 (MCS5)	-5.06	11.0	-16.06
Band 2A	5260	52	n (20MHz)	52/57.8 (MCS5)	9.05	11.0	-1.95
	5280	56	n (20MHz)	52/57.8 (MCS5)	9.11	11.0	-1.89
	5320	64	n (20MHz)	52/57.8 (MCS5)	4.83	11.0	-6.18
	5260	52	ax (SU) (20MHz)	65/68.8 (MCS5)	8.09	11.0	-2.92
	5280	56	ax (SU) (20MHz)	65/68.8 (MCS5)	7.72	11.0	-3.28
	5320	64	ax (SU) (20MHz)	65/68.8 (MCS5)	3.75	11.0	-7.25
	5270	54	n (40MHz)	108/120 (MCS5)	5.58	11.0	-5.42
	5310	62	n (40MHz)	108/120 (MCS5)	-0.09	11.0	-11.09
	5270	54	ax (SU) (40MHz)	130/137.6 (MCS5)	4.36	11.0	-6.64
	5310	62	ax (SU) (40MHz)	130/137.6 (MCS5)	-2.77	11.0	-13.77
	5290	58	ac (80MHz)	234/260 (MCS5)	-4.43	11.0	-15.43
	5290	58	ax (SU) (80MHz)	272/288.2 (MCS5)	-4.80	11.0	-15.80
Band 2C	5500	100	n (20MHz)	52/57.8 (MCS5)	4.66	11.0	-6.34
	5580	116	n (20MHz)	52/57.8 (MCS5)	8.23	11.0	-2.77
	5720	144	n (20MHz)	52/57.8 (MCS5)	8.21	11.0	-2.79
	5500	100	ax (SU) (20MHz)	65/68.8 (MCS5)	2.91	11.0	-8.09
	5580	116	ax (SU) (20MHz)	65/68.8 (MCS5)	8.37	11.0	-2.63
	5720	144	ax (SU) (20MHz)	65/68.8 (MCS5)	8.05	11.0	-2.96
	5510	102	n (40MHz)	108/120 (MCS5)	-1.84	11.0	-12.84
	5550	110	n (40MHz)	108/120 (MCS5)	4.35	11.0	-6.65
	5590	118	n (40MHz)	108/120 (MCS5)	5.47	11.0	-5.53
	5710	142	n (40MHz)	108/120 (MCS5)	6.97	11.0	-4.03
	5510	102	ax (SU) (40MHz)	130/137.6 (MCS5)	-1.20	11.0	-12.20
	5550	110	ax (SU) (40MHz)	130/137.6 (MCS5)	4.44	11.0	-6.56
	5590	118	ax (SU) (40MHz)	130/137.6 (MCS5)	5.20	11.0	-5.80
	5710	142	ax (SU) (40MHz)	130/137.6 (MCS5)	5.93	11.0	-5.07
	5530	106	ac (80MHz)	234/260 (MCS5)	-3.48	11.0	-14.48
	5610	122	ac (80MHz)	234/260 (MCS5)	-0.49	11.0	-11.49
	5690	138	ac (80MHz)	234/260 (MCS5)	4.12	11.0	-6.88
	5530	106	ax (SU) (80MHz)	272/288.2 (MCS5)	-4.69	11.0	-15.69
	5610	122	ax (SU) (80MHz)	272/288.2 (MCS5)	-0.76	11.0	-11.76
	5690	138	ax (SU) (80MHz)	272/288.2 (MCS5)	4.02	11.0	-6.99

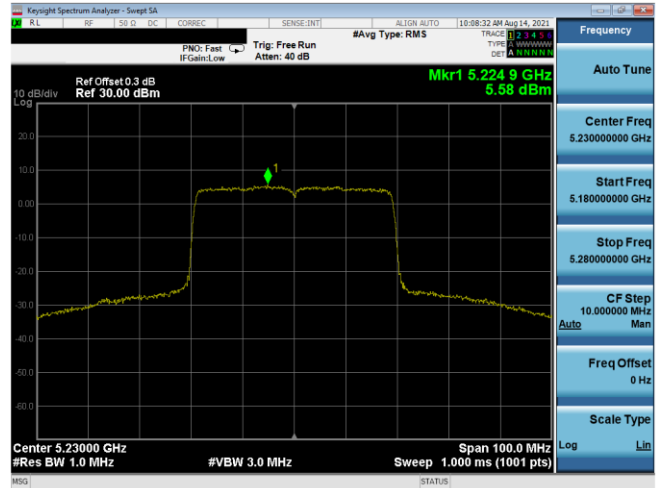
Table 7-169. Power Spectral Density Measurements Antenna 3b (High Data Rate)

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

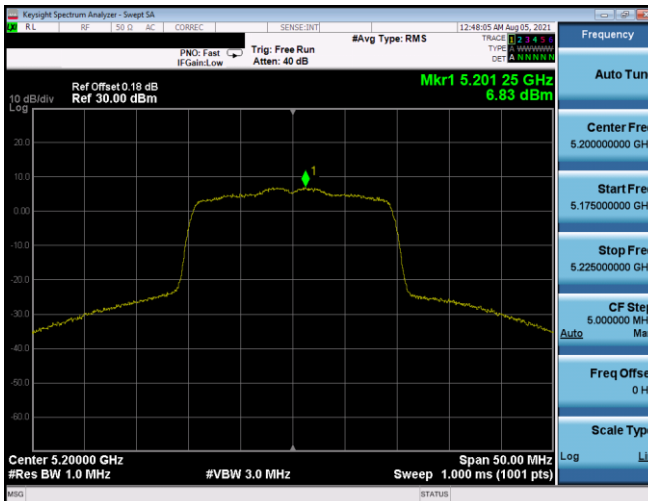
FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 147 of 569



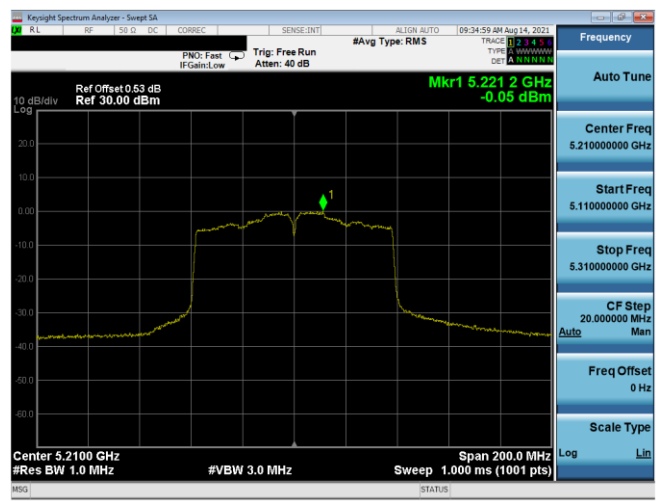
Plot 7-307. PSD Antenna 3b (20MHz BW 802.11n – Ch. 40, MCS2)



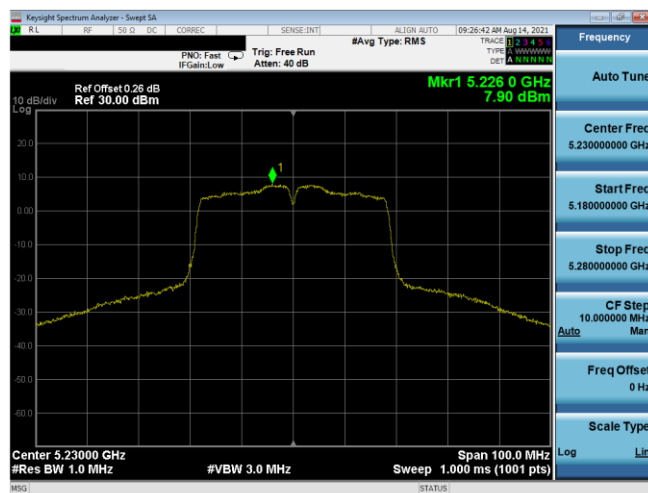
Plot 7-310. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 46, MCS2)



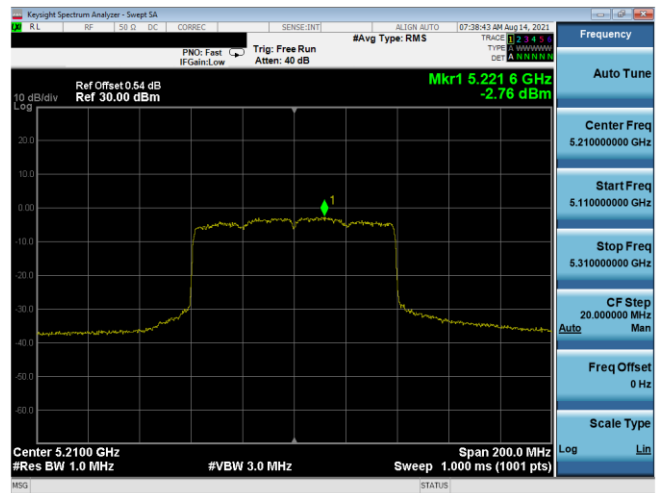
Plot 7-308. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



Plot 7-311. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 42, MCS2)

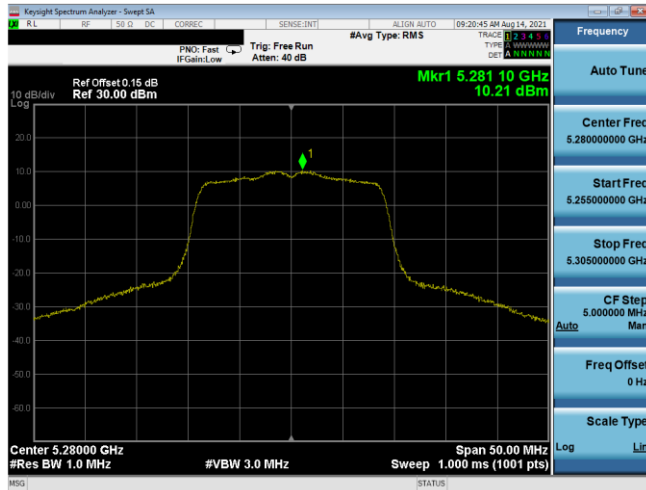


Plot 7-309. PSD Antenna 3b (40MHz BW 802.11n – Ch. 46, MCS2)

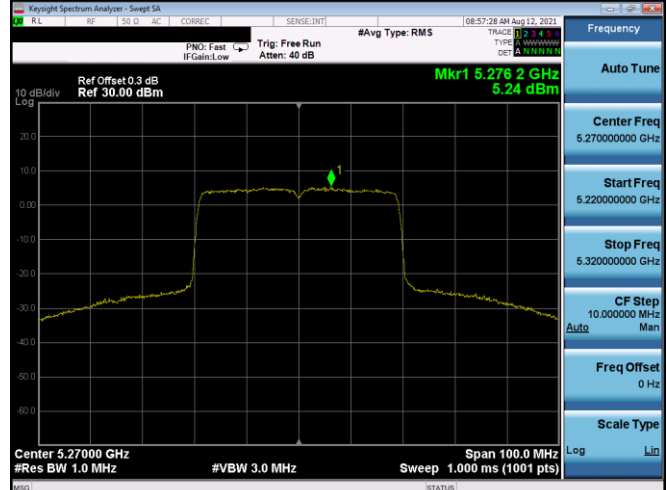


Plot 7-312. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 42, MCS2)

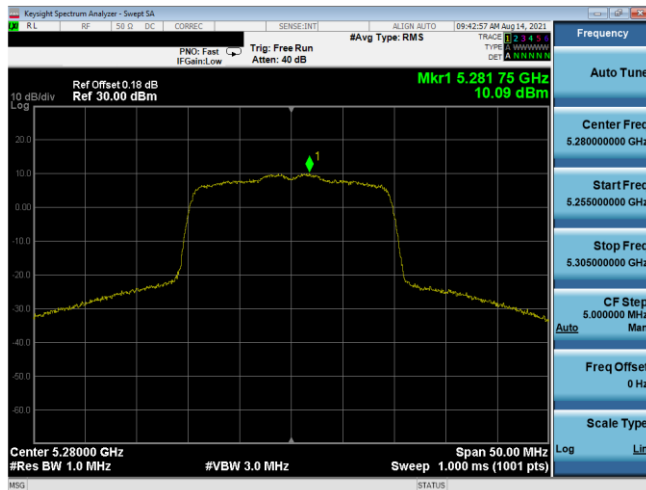
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 148 of 569



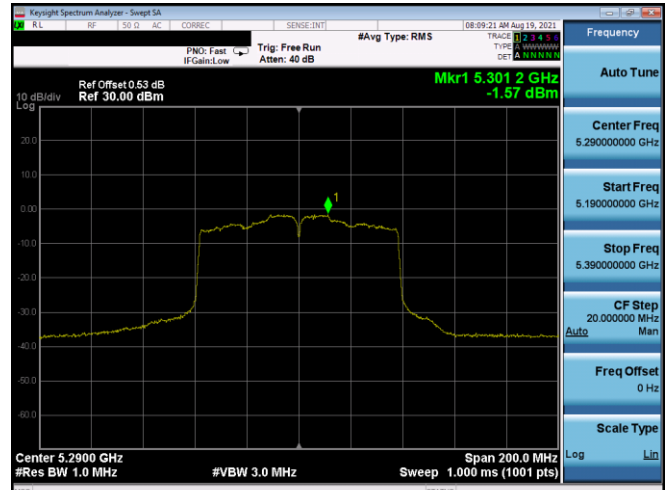
Plot 7-313. PSD Antenna 3b (20MHz BW 802.11n – Ch. 56, MCS2)



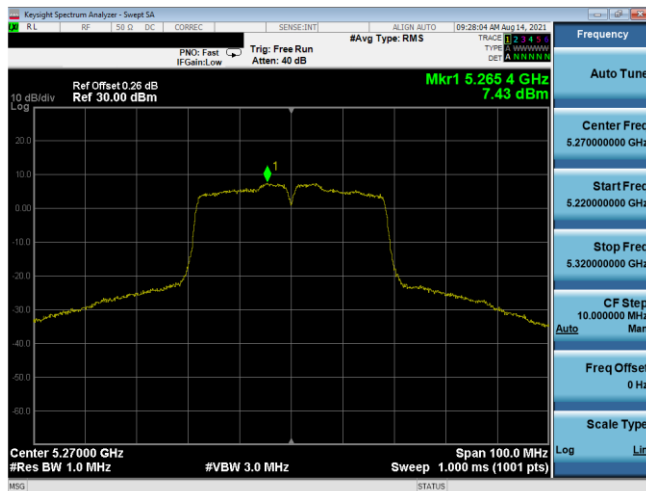
Plot 7-316. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 54, MCS2)



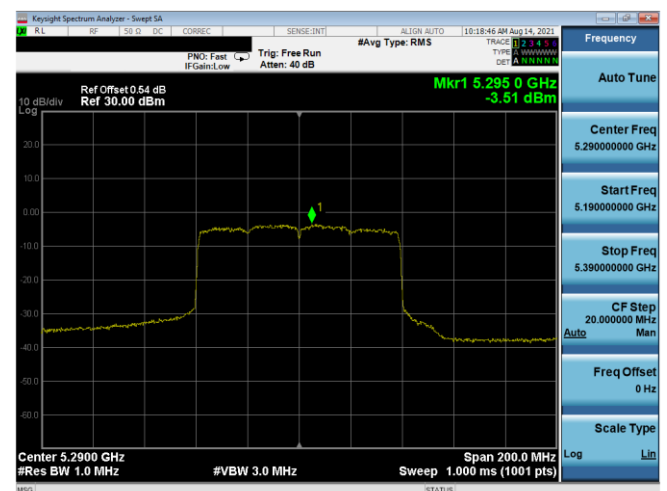
Plot 7-314. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 56, MCS2)



Plot 7-317. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 58, MCS2)

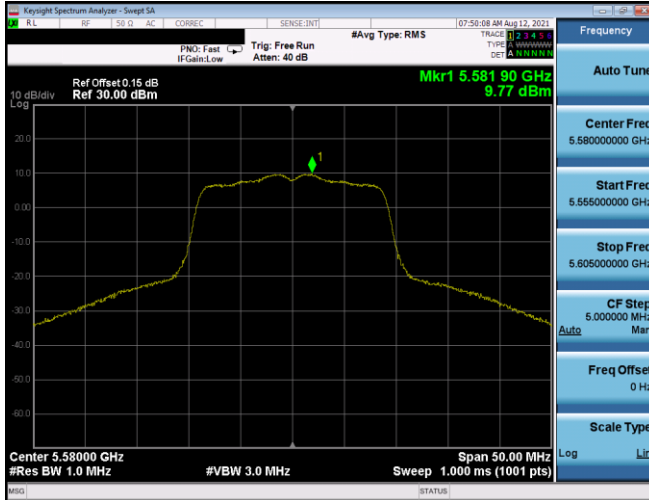


Plot 7-315. PSD Antenna 3b (40MHz BW 802.11n – Ch. 54, MCS2)

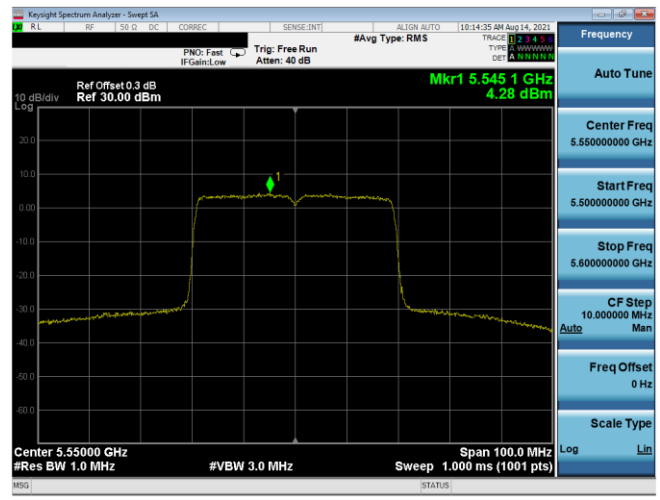


Plot 7-318. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 58, MCS2)

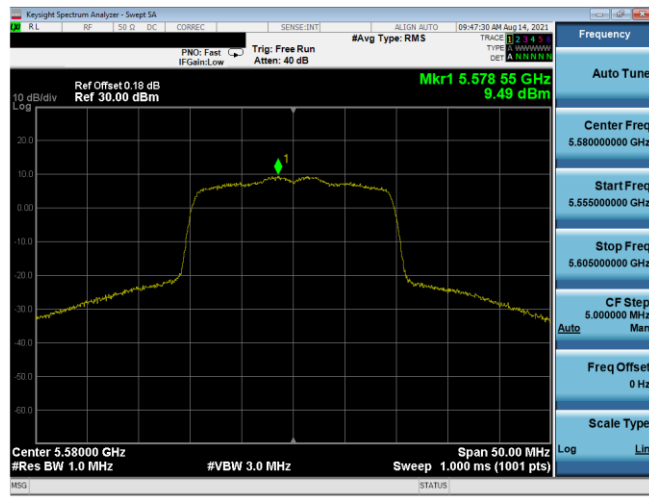
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 149 of 569



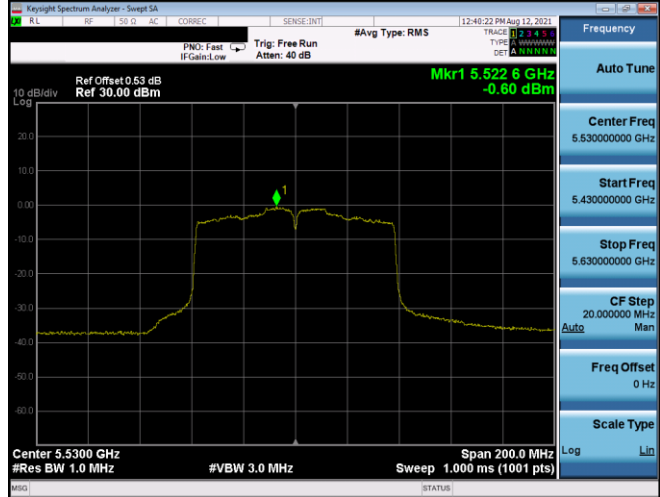
Plot 7-319. PSD Antenna 3b (20MHz BW 802.11n – Ch. 116, MCS2)



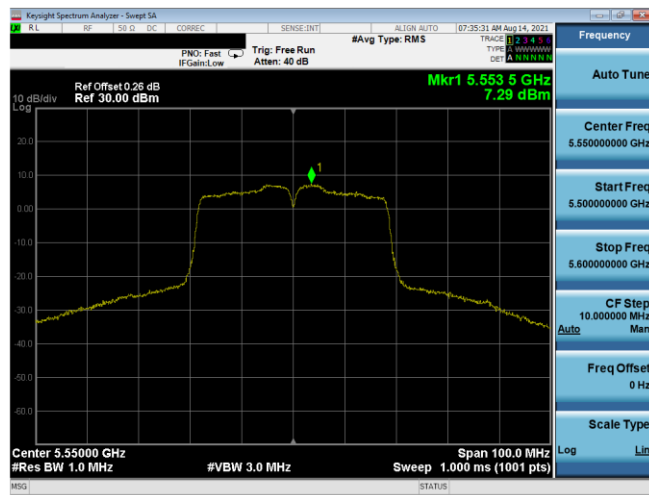
Plot 7-322. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 110, MCS2)



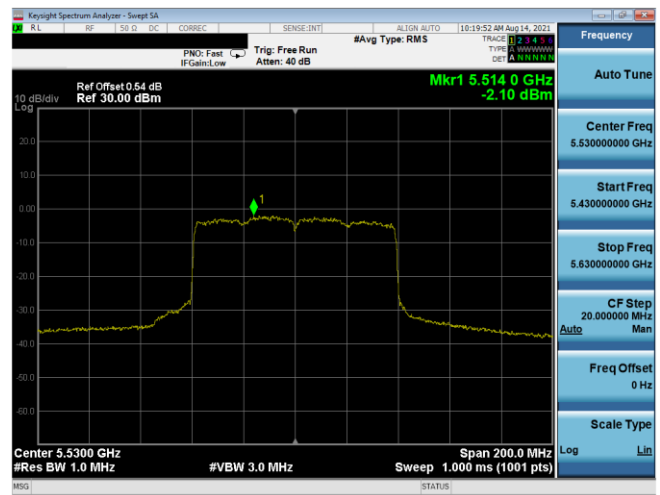
Plot 7-320. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 116, MCS2)



Plot 7-323. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 106, MCS2)

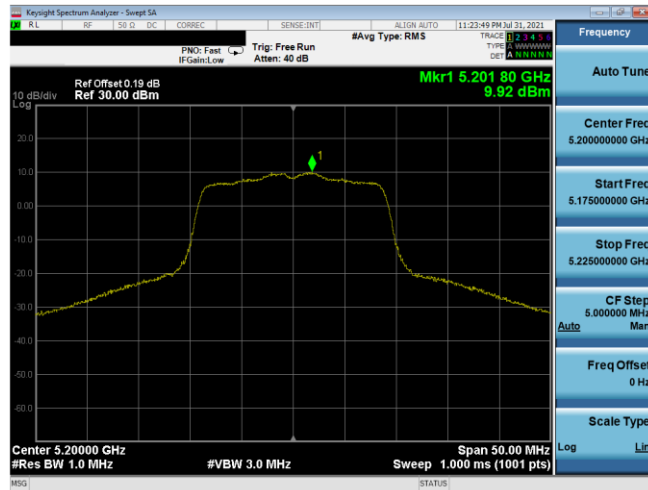


Plot 7-321. PSD Antenna 3b (40MHz BW 802.11n – Ch. 110, MCS2)

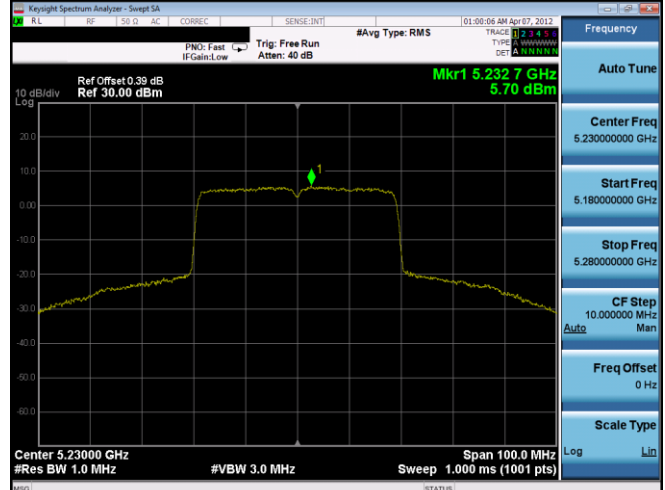


Plot 7-324. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 106, MCS2)

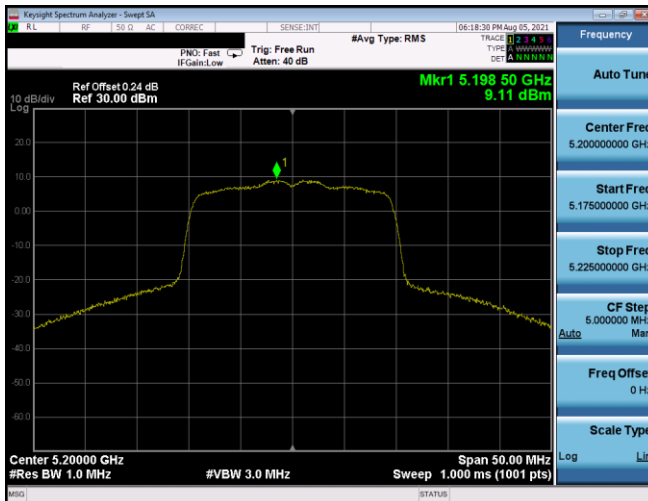
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 150 of 569



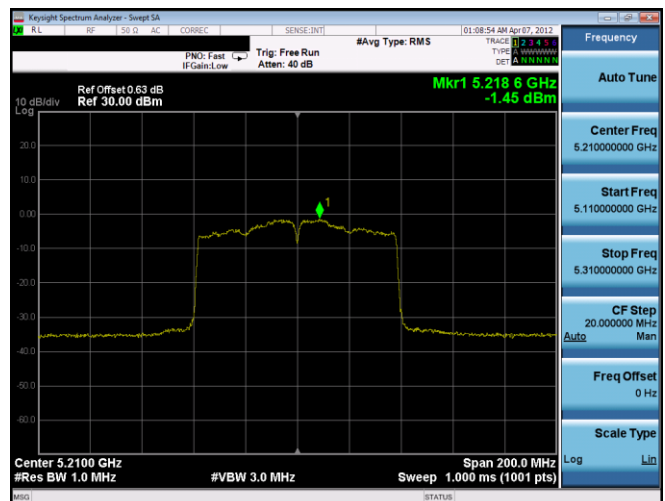
Plot 7-325. PSD Antenna 3b (20MHz BW 802.11n – Ch. 40, MCS3)



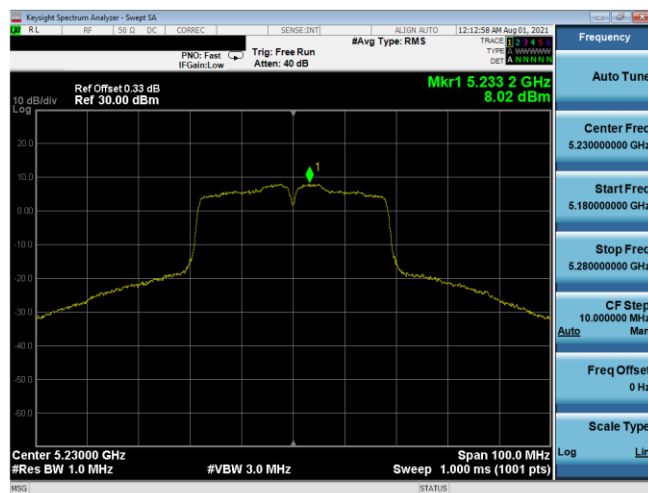
Plot 7-328. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 46, MCS3)



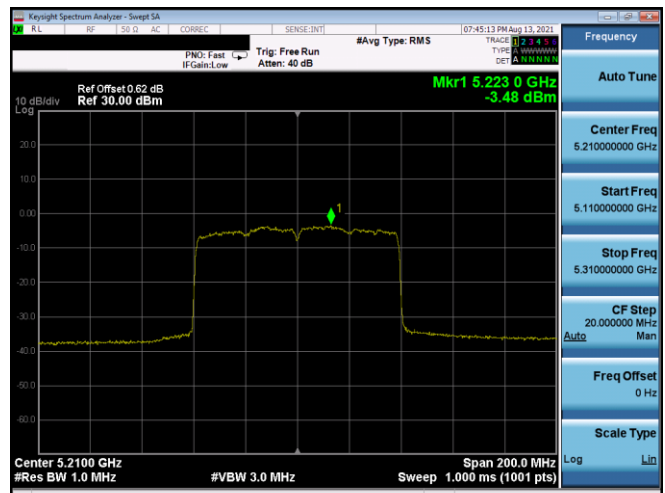
Plot 7-326. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 40, MCS3)



Plot 7-329. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 42, MCS3)

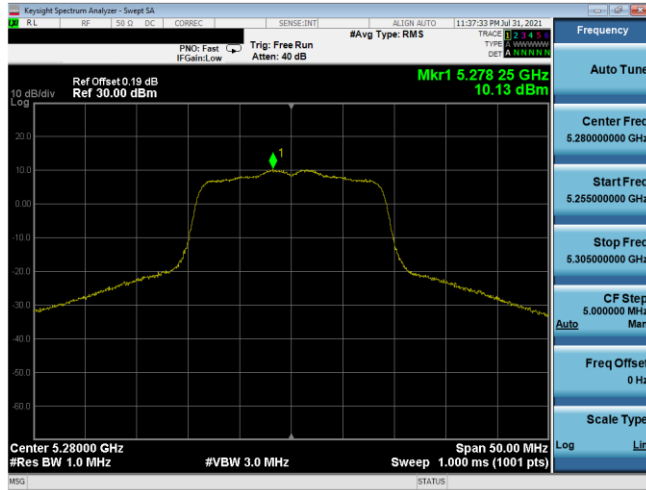


Plot 7-327. PSD Antenna 3b (40MHz BW 802.11n – Ch. 46, MCS3)

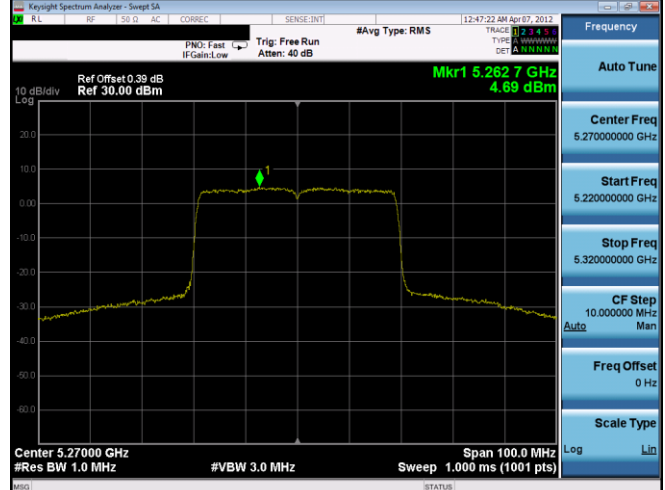


Plot 7-330. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 42, MCS3)

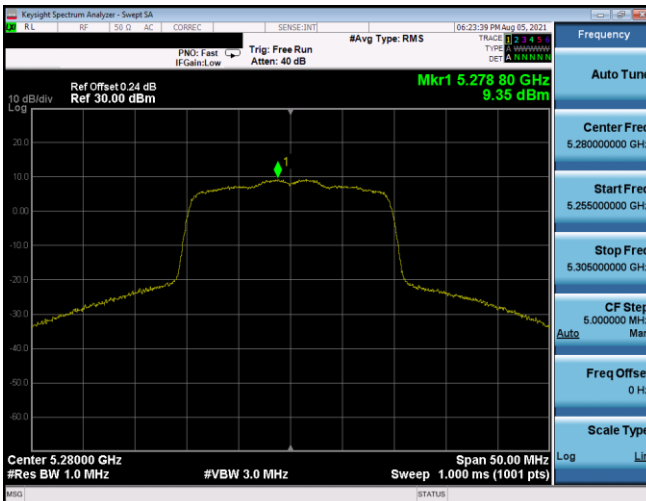
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 151 of 569



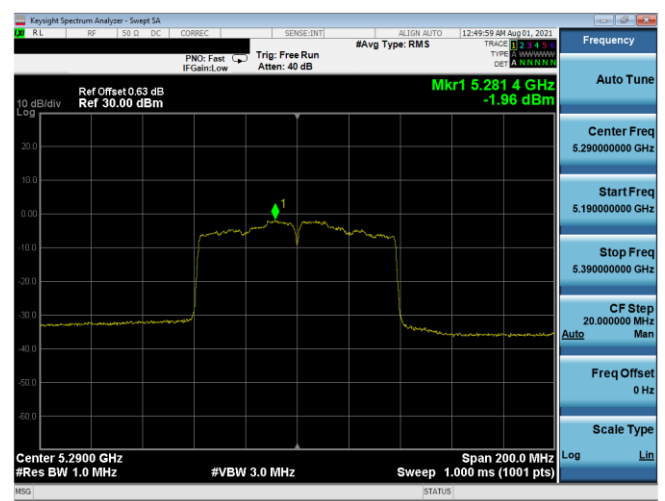
Plot 7-331. PSD Antenna 3b (20MHz BW 802.11n – Ch. 56, MCS3)



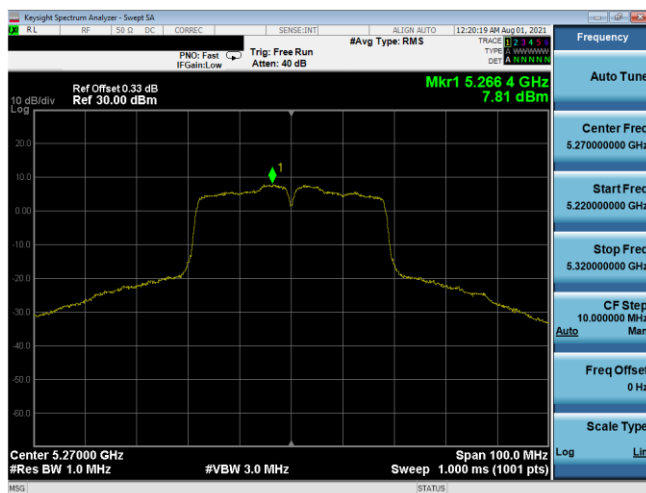
Plot 7-334. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 54, MCS3)



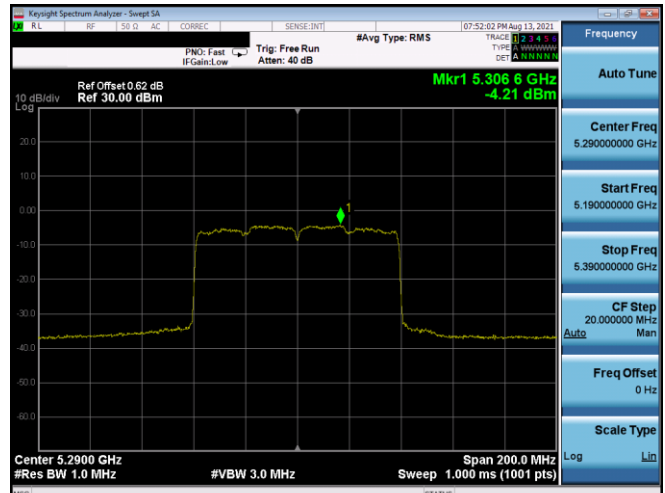
Plot 7-332. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 56, MCS3)



Plot 7-335. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 58, MCS3)

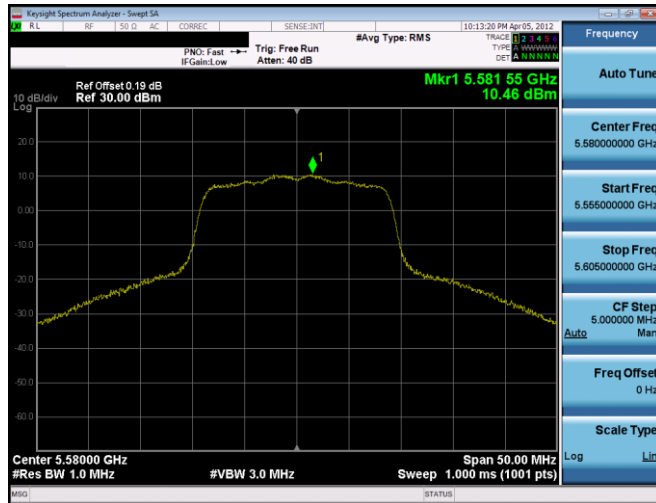


Plot 7-333. PSD Antenna 3b (40MHz BW 802.11n – Ch. 54, MCS3)

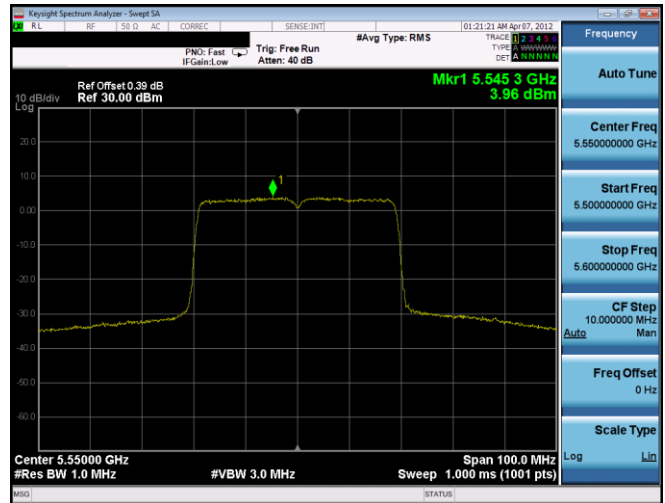


Plot 7-336. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 58, MCS3)

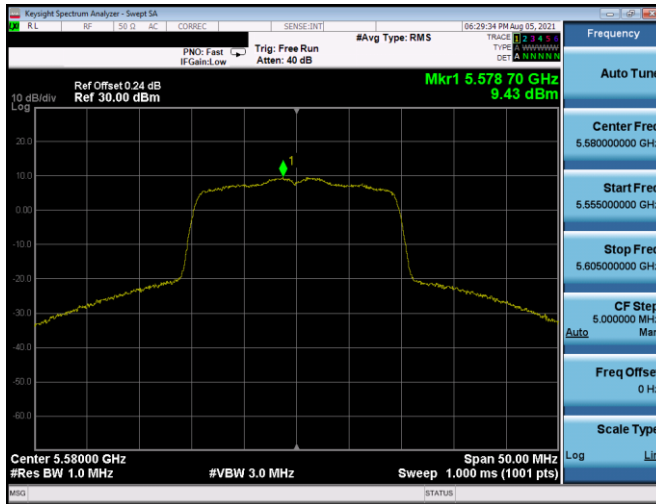
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 152 of 569



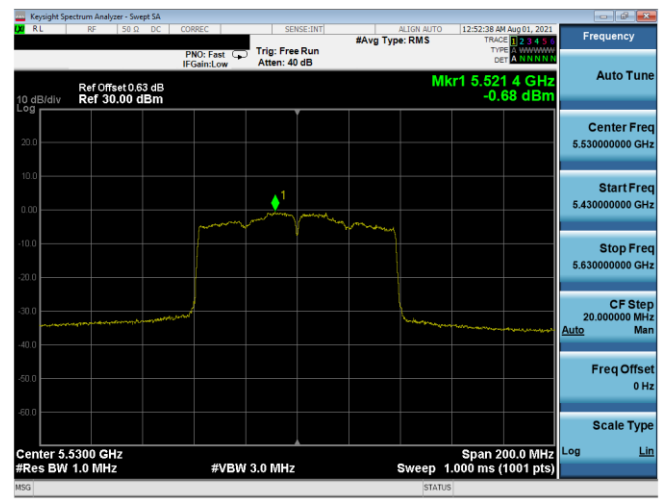
Plot 7-337. PSD Antenna 3b (20MHz BW 802.11n – Ch. 116, MCS3)



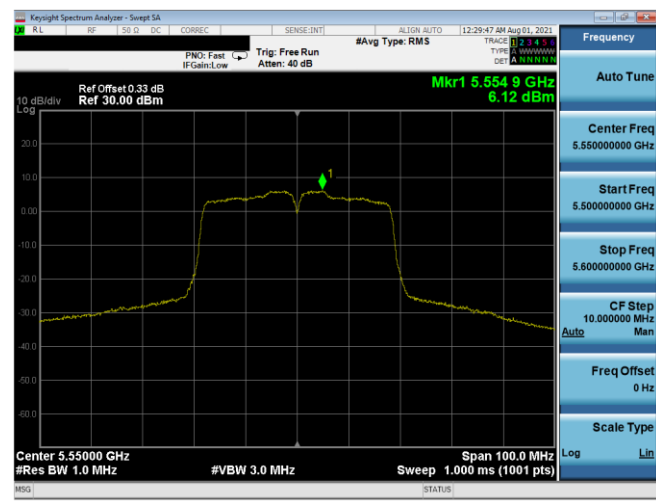
Plot 7-340. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 110, MCS3)



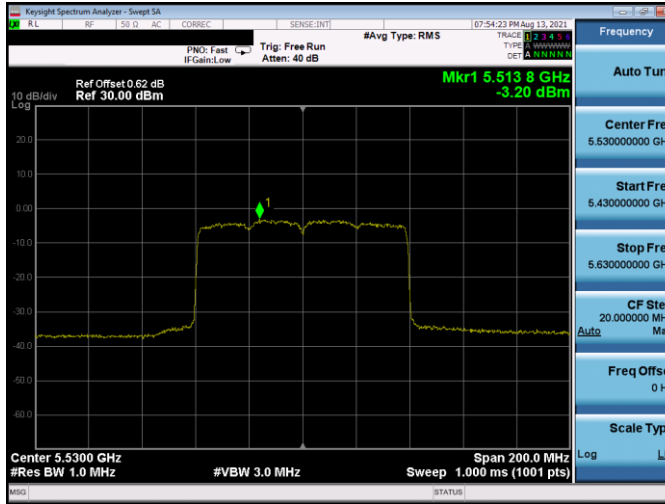
Plot 7-338. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 116, MCS3)



Plot 7-341. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 106, MCS3)

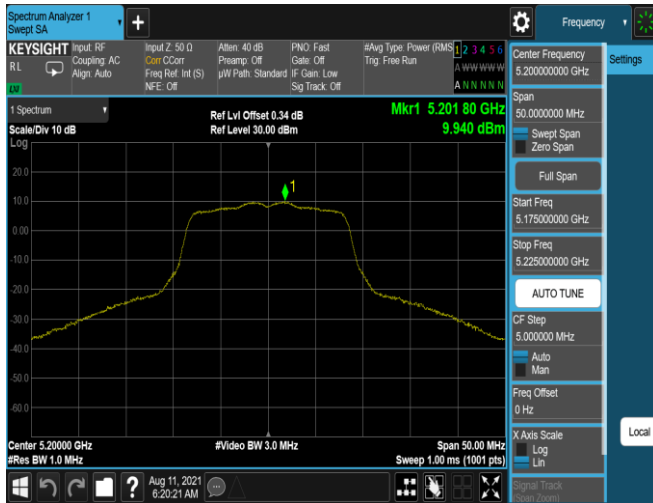


Plot 7-339. PSD Antenna 3b (40MHz BW 802.11n – Ch. 110, MCS3)

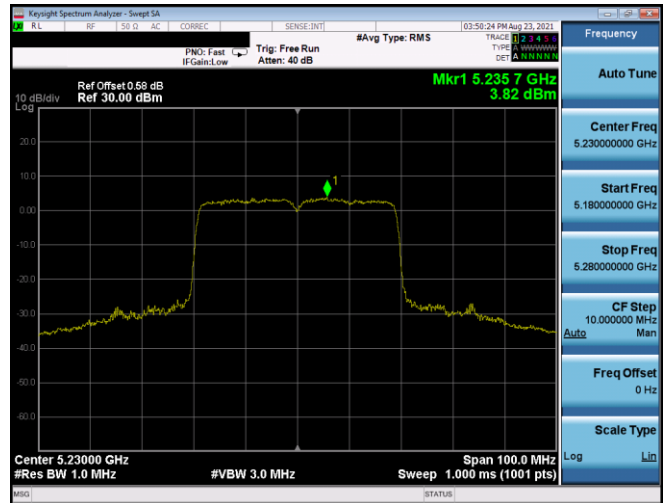


Plot 7-342. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 106, MCS3)

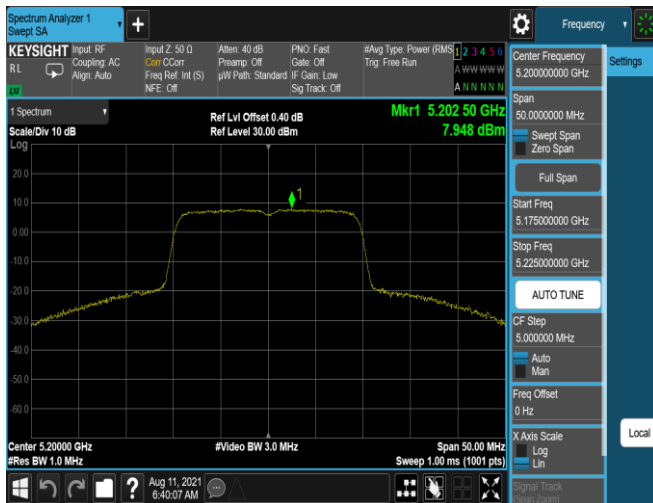
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 153 of 569



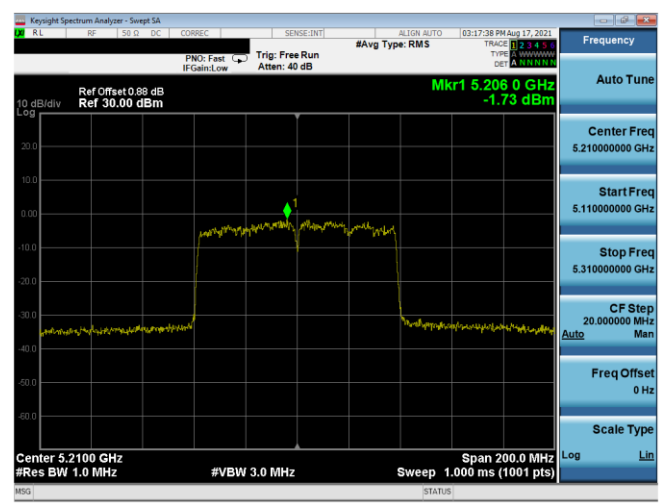
Plot 7-343. PSD Antenna 3b (20MHz BW 802.11n – Ch. 40, MCS5)



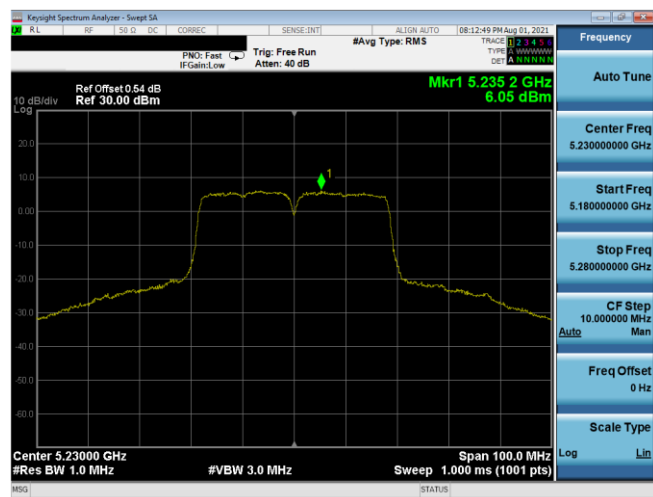
Plot 7-346. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 46, MCS5)



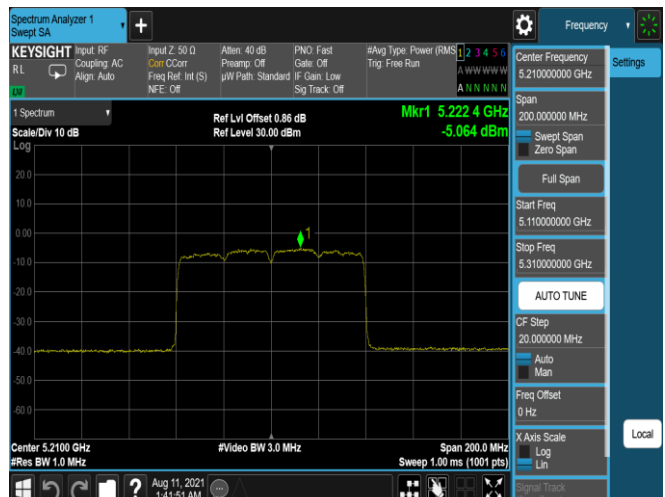
Plot 7-344. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 40, MCS5)



Plot 7-347. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 42, MCS5)

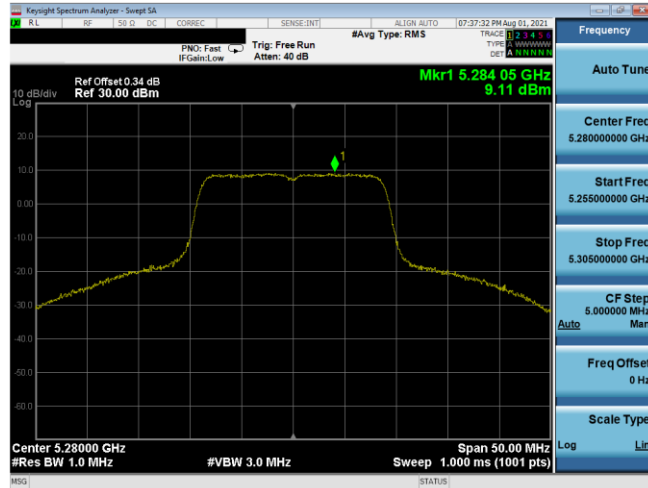


Plot 7-345. PSD Antenna 3b (40MHz BW 802.11n – Ch. 46, MCS5)

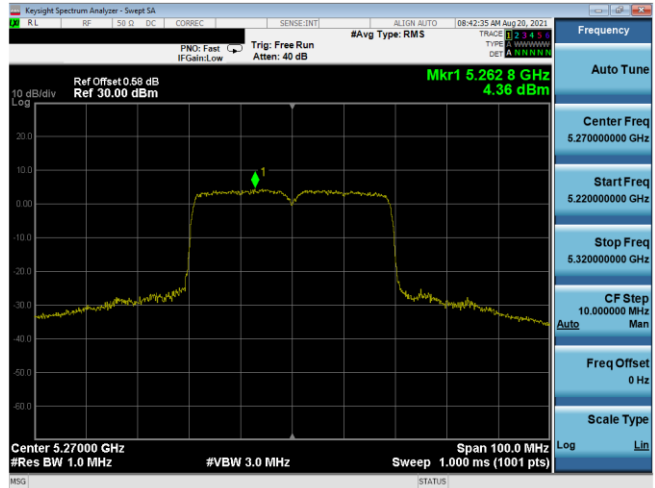


Plot 7-348. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 42, MCS5)

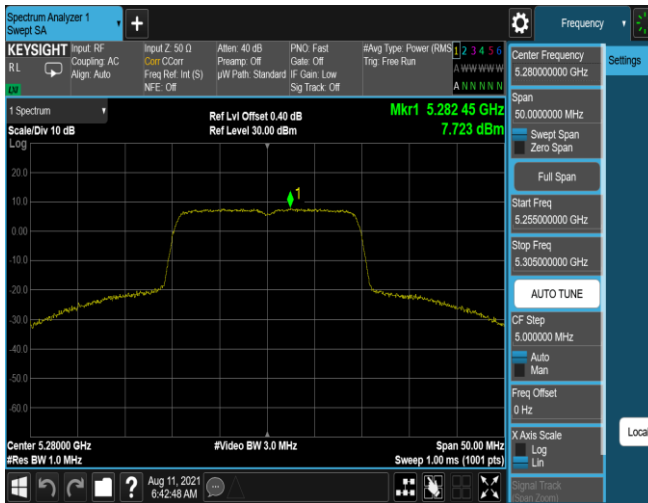
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 154 of 569



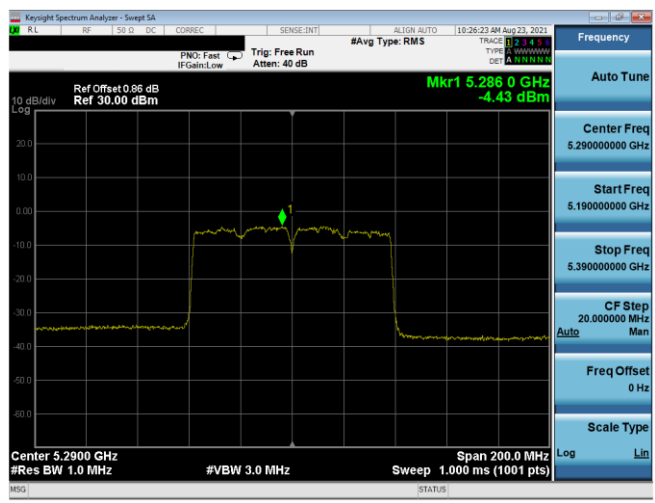
Plot 7-349. PSD Antenna 3b (20MHz BW 802.11n – Ch. 56, MCS5)



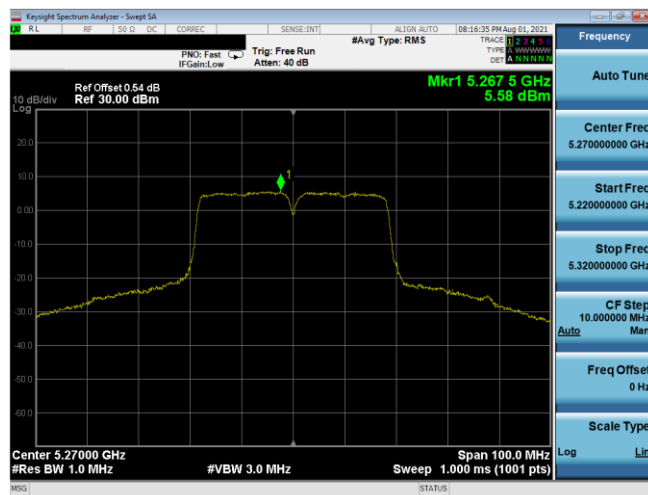
Plot 7-352. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 54, MCS5)



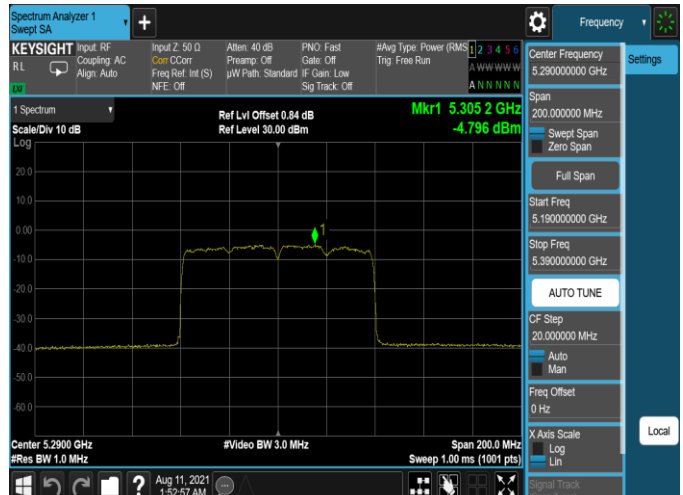
Plot 7-350. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 56, MCS5)



Plot 7-353. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 58, MCS5)

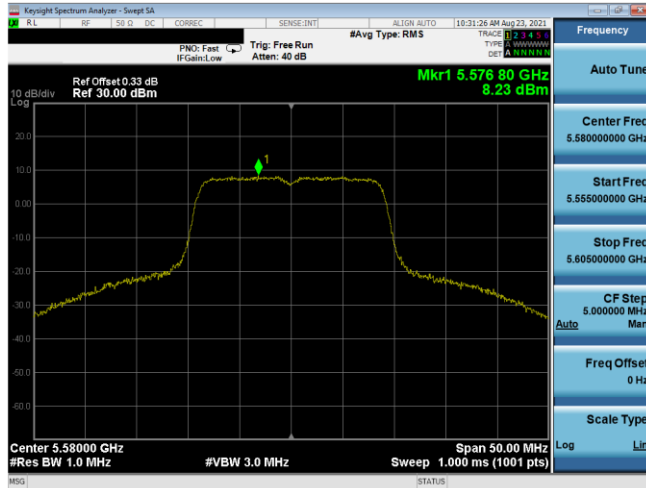


Plot 7-351. PSD Antenna 3b (40MHz BW 802.11n – Ch. 54, MCS5)

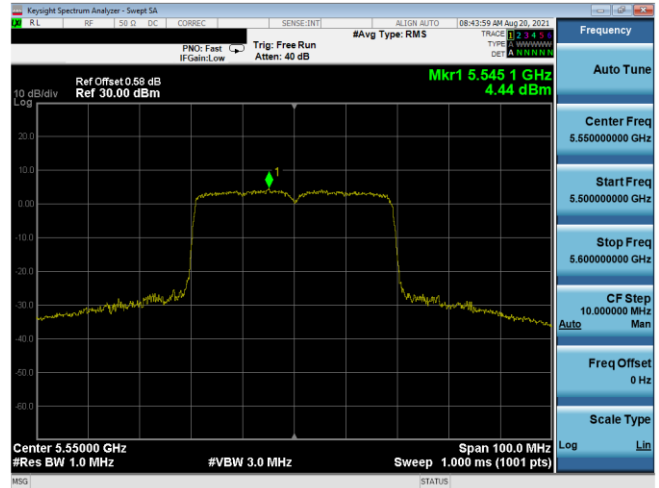


Plot 7-354. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 58, MCS5)

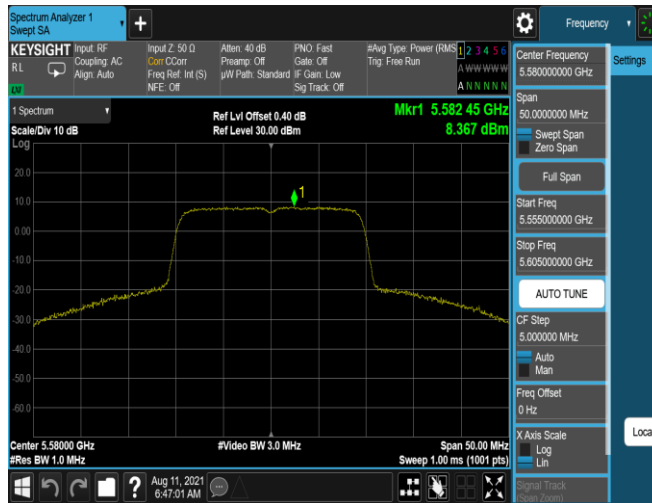
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-14.BCG	Test Dates: 6/2/2021 – 8/26/2021	EUT Type: Tablet Device	Page 155 of 569



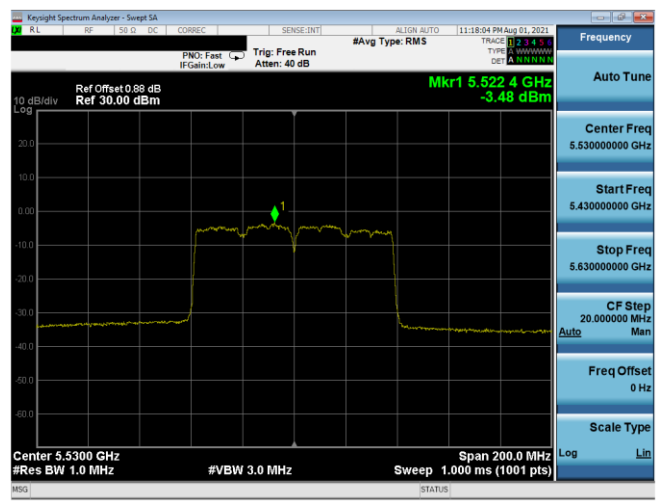
Plot 7-355. PSD Antenna 3b (20MHz BW 802.11n – Ch. 116, MCS5)



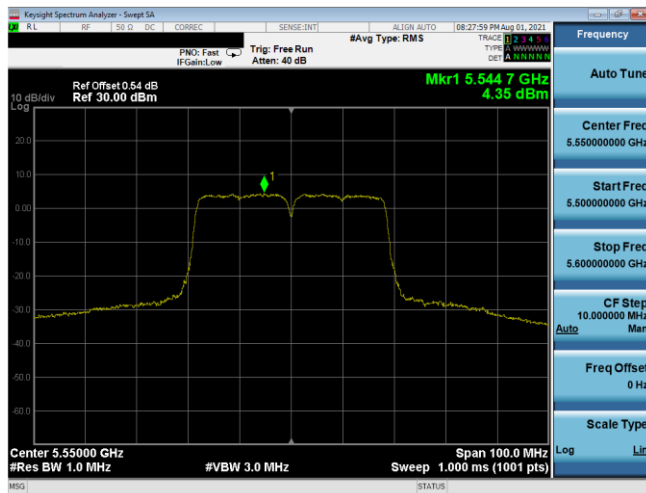
Plot 7-358. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 110, MCS5)



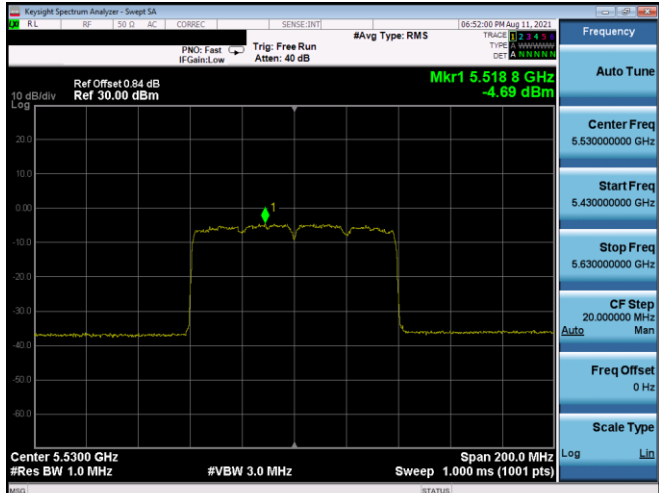
Plot 7-356. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 116, MCS5)



Plot 7-359. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 106, MCS5)



Plot 7-357. PSD Antenna 3b (40MHz BW 802.11n – Ch. 110, MCS5)



Plot 7-360. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 106, 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 156 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)	8.19	30.0	-21.81
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	8.31	30.0	-21.69
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	7.67	30.0	-22.33
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	7.80	30.0	-22.20
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	7.50	30.0	-22.50
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	7.32	30.0	-22.68
	5755	151	n (40MHz)	40.5/45 (MCS2)	4.86	30.0	-25.14
	5795	159	n (40MHz)	40.5/45 (MCS2)	5.26	30.0	-24.74
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	3.36	30.0	-26.65
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	3.19	30.0	-26.81
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	2.88	30.0	-27.12
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	1.22	30.0	-28.78

Table 7-170. Band 3 Power Spectral Density Measurements Antenna 3b (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)	7.89	30.0	-22.11
	5785	157	n (20MHz)	26/28.9 (MCS3)	6.95	30.0	-23.05
	5825	165	n (20MHz)	26/28.9 (MCS3)	6.70	30.0	-23.30
	5745	149	ax (SU) (20MHz)	33/34.4 (MCS3)	7.44	30.0	-22.57
	5785	157	ax (SU) (20MHz)	33/34.4 (MCS3)	7.97	30.0	-22.03
	5825	165	ax (SU) (20MHz)	33/34.4 (MCS3)	7.67	30.0	-22.33
	5755	151	n (40MHz)	54/60 (MCS3)	4.10	30.0	-25.90
	5795	159	n (40MHz)	54/60 (MCS3)	4.28	30.0	-25.72
	5755	151	ax (SU) (40MHz)	65/68.8 (MCS3)	3.51	30.0	-26.49
	5795	159	ax (SU) (40MHz)	65/68.8 (MCS3)	3.55	30.0	-26.45
	5775	155	ac (80MHz)	117/130 (MCS3)	3.34	30.0	-26.66
	5775	155	ax (SU) (80MHz)	136/144.1 (MCS3)	2.03	30.0	-27.97

Table 7-171. Band 3 Power Spectral Density Measurements Antenna 3b (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)	6.94	30.0	-23.06
	5785	157	n (20MHz)	52/57.8 (MCS5)	6.92	30.0	-23.08
	5825	165	n (20MHz)	52/57.8 (MCS5)	7.09	30.0	-22.91
	5745	149	ax (SU) (20MHz)	65/68.8 (MCS5)	6.24	30.0	-23.76
	5785	157	ax (SU) (20MHz)	65/68.8 (MCS5)	6.72	30.0	-23.28
	5825	165	ax (SU) (20MHz)	65/68.8 (MCS5)	6.67	30.0	-23.33
	5755	151	n (40MHz)	108/120 (MCS5)	4.52	30.0	-25.48
	5795	159	n (40MHz)	108/120 (MCS5)	4.02	30.0	-25.98
	5755	151	ax (SU) (40MHz)	130/137.6 (MCS5)	2.63	30.0	-27.37
	5795	159	ax (SU) (40MHz)	130/137.6 (MCS5)	3.02	30.0	-26.98
	5775	155	ac (80MHz)	234/260 (MCS5)	-0.44	30.0	-30.44
	5775	155	ax (SU) (80MHz)	272/288.2 (MCS5)	-1.19	30.0	-31.19

Table 7-172. Band 3 Power Spectral Density Measurements Antenna 3b (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 157 of 569