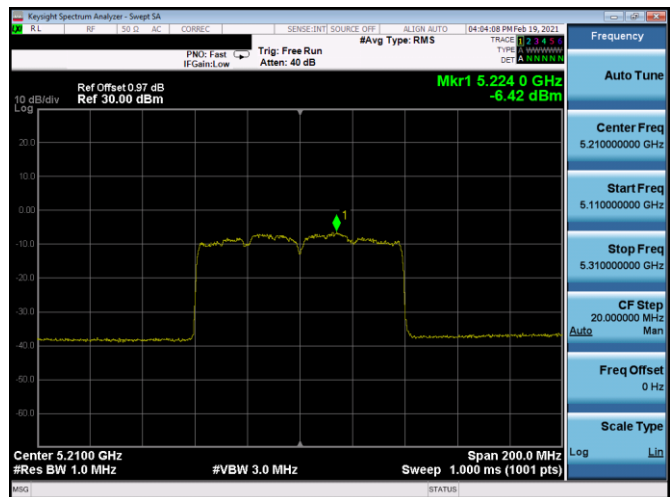
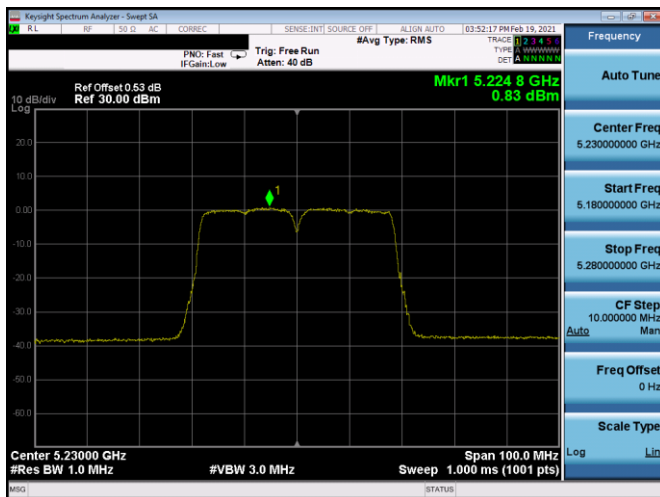
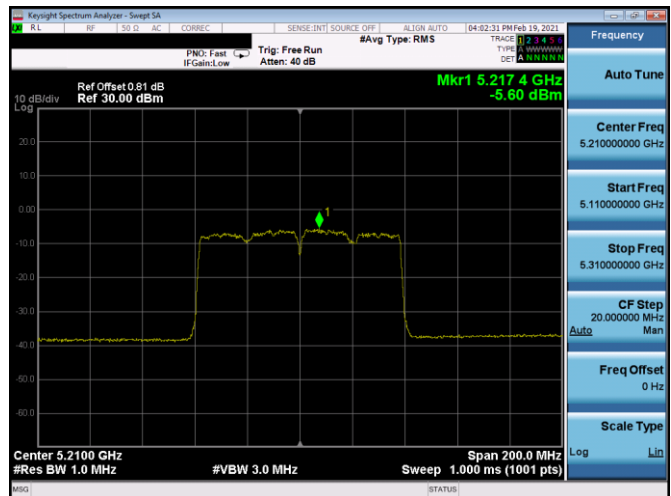
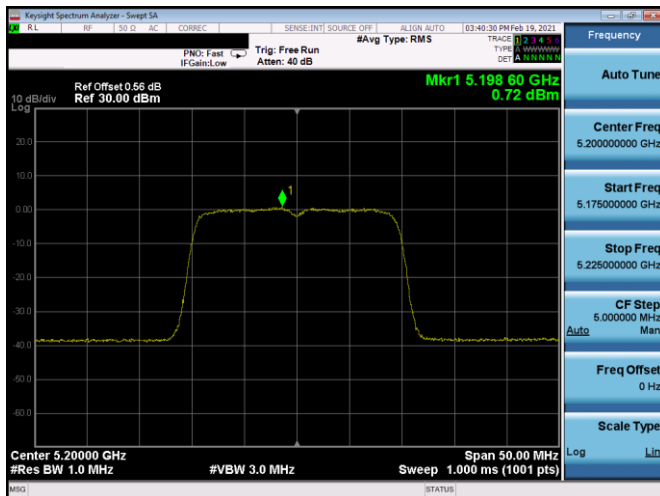
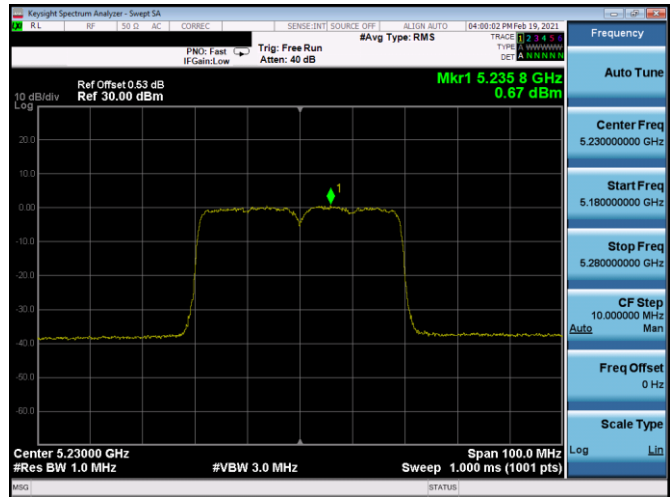
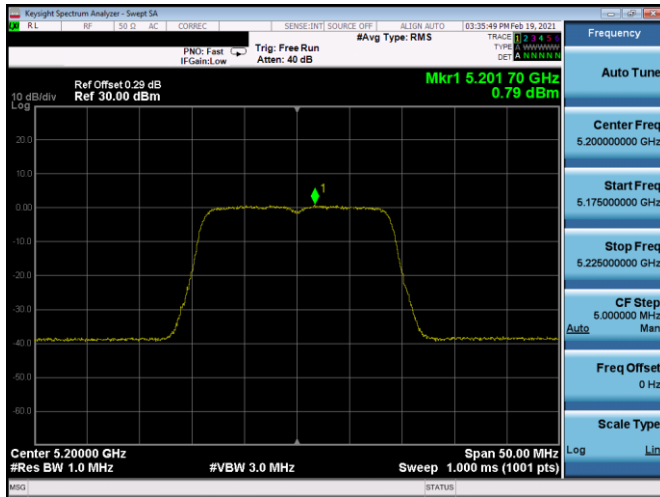




FCC ID: BCGA2301 IC: 579C-A2301			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device		Page 106 of 354

7.5.2 Antenna 4b 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)	6.5/7.2 (MCS0)	6.20	11.0	-4.80
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	9.16	11.0	-1.84
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	9.38	11.0	-1.62
	5180	36	ax-SU (20MHz)	8/8.6 (MCS0)	4.88	11.0	-6.12
	5200	40	ax-SU (20MHz)	8/8.6 (MCS0)	7.68	11.0	-3.32
	5240	48	ax-SU (20MHz)	8/8.6 (MCS0)	8.24	11.0	-2.76
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.33	11.0	-9.67
	5230	46	n (40MHz)	13.5/15 (MCS0)	6.81	11.0	-4.19
	5190	38	ax-SU (40MHz)	16/17.2 (MCS0)	-0.66	11.0	-11.66
	5230	46	ax-SU (40MHz)	16/17.2 (MCS0)	3.46	11.0	-7.54
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-1.67	11.0	-12.67
	5210	42	ax-SU (80MHz)	34/36.0 (MCS0)	-4.93	11.0	-15.93
Band 2A	5260	52	n (20MHz)	6.5/7.2 (MCS0)	9.34	11.0	-1.66
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	9.44	11.0	-1.56
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	9.27	11.0	-1.73
	5260	52	ax-SU (20MHz)	8/8.6 (MCS0)	8.14	11.0	-2.86
	5280	56	ax-SU (20MHz)	8/8.6 (MCS0)	8.02	11.0	-2.98
	5320	64	ax-SU (20MHz)	8/8.6 (MCS0)	7.43	11.0	-3.57
	5270	54	n (40MHz)	13.5/15 (MCS0)	7.09	11.0	-3.91
	5310	62	n (40MHz)	13.5/15 (MCS0)	3.12	11.0	-7.88
	5270	54	ax-SU (40MHz)	16/17.2 (MCS0)	4.53	11.0	-6.47
	5310	62	ax-SU (40MHz)	16/17.2 (MCS0)	-0.51	11.0	-11.51
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	0.44	11.0	-10.56
	5290	58	ax-SU (80MHz)	34/36.0 (MCS0)	-1.76	11.0	-12.76
Band 2C	5500	100	n (20MHz)	6.5/7.2 (MCS0)	6.18	11.0	-4.82
	5580	116	n (20MHz)	6.5/7.2 (MCS0)	8.44	11.0	-2.56
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	8.99	11.0	-2.01
	5500	100	ax-SU (20MHz)	8/8.6 (MCS0)	4.72	11.0	-6.28
	5580	116	ax-SU (20MHz)	8/8.6 (MCS0)	6.91	11.0	-4.09
	5720	144	ax-SU (20MHz)	8/8.6 (MCS0)	7.82	11.0	-3.18
	5510	102	n (40MHz)	13.5/15 (MCS0)	1.47	11.0	-9.53
	5550	110	n (40MHz)	13.5/15 (MCS0)	5.72	11.0	-5.28
	*5590	118	n (40MHz)	13.5/15 (MCS0)	5.44	11.0	-5.56
	5710	142	n (40MHz)	13.5/15 (MCS0)	6.30	11.0	-4.70
	5510	102	ax-SU (40MHz)	16/17.2 (MCS0)	-1.65	11.0	-12.65
	5550	110	ax-SU (40MHz)	16/17.2 (MCS0)	4.11	11.0	-6.89
	*5590	118	ax-SU (40MHz)	16/17.2 (MCS0)	3.35	11.0	-7.65
	5710	142	ax-SU (40MHz)	16/17.2 (MCS0)	3.56	11.0	-7.44
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	0.09	11.0	-10.91
	*5610	122	ac (80MHz)	29.3/32.5 (MCS0)	1.32	11.0	-9.68
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	2.89	11.0	-8.11
	5530	106	ax-SU (80MHz)	34/36.0 (MCS0)	-3.71	11.0	-14.71
	*5610	122	ax-SU (80MHz)	34/36.0 (MCS0)	1.09	11.0	-9.91
	5690	138	ax-SU (80MHz)	34/36.0 (MCS0)	1.73	11.0	-9.27

Table 7-101. Power Spectral Density Measurements Antenna 4b (Low Data Rate)

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

FCC ID: BCGA2301 IC: 579C-A2301	 PCTEST® Proud to be part of element	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 107 of 354

	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)	6.09	11.0	-4.91
	5200	40	n (20MHz)	26/28.9 (MCS3)	9.46	11.0	-1.54
	5240	48	n (20MHz)	26/28.9 (MCS3)	9.77	11.0	-1.23
	5180	36	ax-SU (20MHz)	33/34.4 (MCS3)	4.49	11.0	-6.51
	5200	40	ax-SU (20MHz)	33/34.4 (MCS3)	8.30	11.0	-2.70
	5240	48	ax-SU (20MHz)	33/34.4 (MCS3)	8.35	11.0	-2.65
	5190	38	n (40MHz)	54/60 (MCS3)	1.24	11.0	-9.76
	5230	46	n (40MHz)	54/60 (MCS3)	6.99	11.0	-4.01
	5190	38	ax-SU (40MHz)	65/68.8 (MCS3)	-1.47	11.0	-12.47
	5230	46	ax-SU (40MHz)	65/68.8 (MCS3)	3.58	11.0	-7.42
	5210	42	ac (80MHz)	117/130 (MCS3)	-1.94	11.0	-12.94
	5210	42	ax-SU (80MHz)	136/144.1 (MCS3)	-4.98	11.0	-15.98
Band 2A	5260	52	n (20MHz)	26/28.9 (MCS3)	9.71	11.0	-1.29
	5280	56	n (20MHz)	26/28.9 (MCS3)	9.68	11.0	-1.32
	5320	64	n (20MHz)	26/28.9 (MCS3)	8.48	11.0	-2.52
	5260	52	ax-SU (20MHz)	33/34.4 (MCS3)	8.70	11.0	-2.30
	5280	56	ax-SU (20MHz)	33/34.4 (MCS3)	8.68	11.0	-2.32
	5320	64	ax-SU (20MHz)	33/34.4 (MCS3)	6.14	11.0	-4.86
	5270	54	n (40MHz)	54/60 (MCS3)	7.20	11.0	-3.80
	5310	62	n (40MHz)	54/60 (MCS3)	2.84	11.0	-8.16
	5270	54	ax-SU (40MHz)	65/68.8 (MCS3)	4.14	11.0	-6.86
	5310	62	ax-SU (40MHz)	65/68.8 (MCS3)	-0.94	11.0	-11.94
	5290	58	ac (80MHz)	117/130 (MCS3)	-0.44	11.0	-11.44
	5290	58	ax-SU (80MHz)	136/144.1 (MCS3)	-3.69	11.0	-14.69
Band 2C	5500	100	n (20MHz)	26/28.9 (MCS3)	5.05	11.0	-5.95
	5580	116	n (20MHz)	26/28.9 (MCS3)	8.78	11.0	-2.22
	5720	144	n (20MHz)	26/28.9 (MCS3)	9.41	11.0	-1.59
	5500	100	ax-SU (20MHz)	33/34.4 (MCS3)	3.82	11.0	-7.18
	5580	116	ax-SU (20MHz)	33/34.4 (MCS3)	7.81	11.0	-3.19
	5720	144	ax-SU (20MHz)	33/34.4 (MCS3)	8.37	11.0	-2.63
	5510	102	n (40MHz)	54/60 (MCS3)	1.26	11.0	-9.74
	5550	110	n (40MHz)	54/60 (MCS3)	5.98	11.0	-5.02
	*5590	118	n (40MHz)	54/60 (MCS3)	5.64	11.0	-5.36
	5710	142	n (40MHz)	54/60 (MCS3)	6.41	11.0	-4.59
	5510	102	ax-SU (40MHz)	65/68.8 (MCS3)	-2.55	11.0	-13.55
	5550	110	ax-SU (40MHz)	65/68.8 (MCS3)	3.15	11.0	-7.85
	*5590	118	ax-SU (40MHz)	65/68.8 (MCS3)	3.81	11.0	-7.19
	5710	142	ax-SU (40MHz)	65/68.8 (MCS3)	3.88	11.0	-7.12
	5530	106	ac (80MHz)	117/130 (MCS3)	-1.13	11.0	-12.13
	*5610	122	ac (80MHz)	117/130 (MCS3)	1.72	11.0	-9.28
	5690	138	ac (80MHz)	117/130 (MCS3)	3.51	11.0	-7.49
	5530	106	ax-SU (80MHz)	136/144.1 (MCS3)	-3.01	11.0	-14.01
	*5610	122	ax-SU (80MHz)	136/144.1 (MCS3)	0.92	11.0	-10.08
	5690	138	ax-SU (80MHz)	136/144.1 (MCS3)	2.50	11.0	-8.50

Table 7-102. Power Spectral Density Measurements Antenna 4b (Mid Data Rate)

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

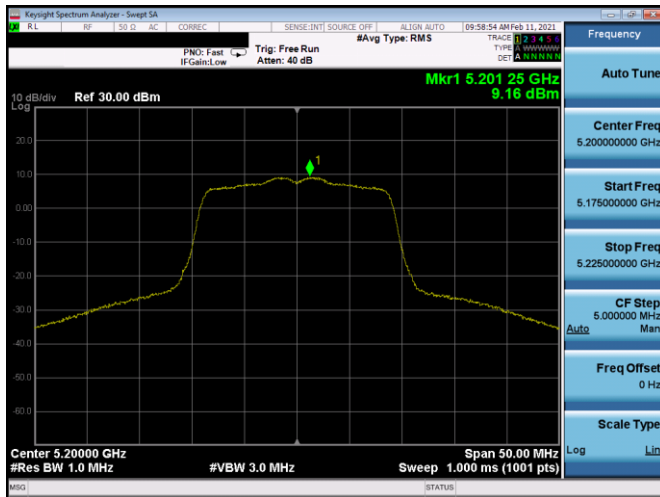
FCC ID: BCGA2301 IC: 579C-A2301		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 108 of 354

	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)	4.25	11.0	-6.75
	5200	40	n (20MHz)	52/57.8 (MCS5)	7.71	11.0	-3.29
	5240	48	n (20MHz)	52/57.8 (MCS5)	8.41	11.0	-2.59
	5180	36	ax-SU (20MHz)	135/143.4 (MCS11)	3.62	11.0	-7.38
	5200	40	ax-SU (20MHz)	135/143.4 (MCS11)	7.67	11.0	-3.33
	5240	48	ax-SU (20MHz)	135/143.4 (MCS11)	8.53	11.0	-2.47
	5190	38	n (40MHz)	108/120 (MCS5)	-0.37	11.0	-11.37
	5230	46	n (40MHz)	108/120 (MCS5)	5.95	11.0	-5.05
	5190	38	ax-SU (40MHz)	271/286.8 (MCS11)	-3.06	11.0	-14.06
	5230	46	ax-SU (40MHz)	271/286.8 (MCS11)	3.23	11.0	-7.77
	5210	42	ac (80MHz)	234/260 (MCS5)	-3.80	11.0	-14.80
	5210	42	ax-SU (80MHz)	567/600.5 (MCS11)	-4.86	11.0	-15.86
Band 2A	5260	52	n (20MHz)	52/57.8 (MCS5)	8.60	11.0	-2.40
	5280	56	n (20MHz)	52/57.8 (MCS5)	8.62	11.0	-2.38
	5320	64	n (20MHz)	52/57.8 (MCS5)	6.38	11.0	-4.62
	5260	52	ax-SU (20MHz)	135/143.4 (MCS11)	8.69	11.0	-2.31
	5280	56	ax-SU (20MHz)	135/143.4 (MCS11)	8.67	11.0	-2.33
	5320	64	ax-SU (20MHz)	135/143.4 (MCS11)	5.28	11.0	-5.72
	5270	54	n (40MHz)	108/120 (MCS5)	6.02	11.0	-4.98
	5310	62	n (40MHz)	108/120 (MCS5)	0.49	11.0	-10.51
	5270	54	ax-SU (40MHz)	271/286.8 (MCS11)	3.99	11.0	-7.01
	5310	62	ax-SU (40MHz)	271/286.8 (MCS11)	-0.72	11.0	-11.72
	5290	58	ac (80MHz)	234/260 (MCS5)	-2.66	11.0	-13.66
	5290	58	ax-SU (80MHz)	567/600.5 (MCS11)	-2.98	11.0	-13.98
Band 2C	5500	100	n (20MHz)	52/57.8 (MCS5)	2.23	11.0	-8.77
	5580	116	n (20MHz)	52/57.8 (MCS5)	7.81	11.0	-3.19
	5720	144	n (20MHz)	52/57.8 (MCS5)	8.46	11.0	-2.54
	5500	100	ax-SU (20MHz)	135/143.4 (MCS11)	2.79	11.0	-8.21
	5580	116	ax-SU (20MHz)	135/143.4 (MCS11)	7.63	11.0	-3.37
	5720	144	ax-SU (20MHz)	135/143.4 (MCS11)	8.50	11.0	-2.50
	5510	102	n (40MHz)	108/120 (MCS5)	-1.60	11.0	-12.60
	5550	110	n (40MHz)	108/120 (MCS5)	4.26	11.0	-6.74
	*5590	118	n (40MHz)	108/120 (MCS5)	4.27	11.0	-6.73
	5710	142	n (40MHz)	108/120 (MCS5)	5.46	11.0	-5.54
	5510	102	ax-SU (40MHz)	271/286.8 (MCS11)	-4.84	11.0	-15.84
	5550	110	ax-SU (40MHz)	271/286.8 (MCS11)	1.46	11.0	-9.54
	*5590	118	ax-SU (40MHz)	271/286.8 (MCS11)	3.74	11.0	-7.26
	5710	142	ax-SU (40MHz)	271/286.8 (MCS11)	3.85	11.0	-7.15
	5530	106	ac (80MHz)	234/260 (MCS5)	-4.34	11.0	-15.34
	*5610	122	ac (80MHz)	234/260 (MCS5)	0.14	11.0	-10.86
	5690	138	ac (80MHz)	234/260 (MCS5)	2.61	11.0	-8.39
	5530	106	ax-SU (80MHz)	567/600.5 (MCS11)	-4.61	11.0	-15.61
	*5610	122	ax-SU (80MHz)	567/600.5 (MCS11)	-0.61	11.0	-11.61
	5690	138	ax-SU (80MHz)	567/600.5 (MCS11)	2.75	11.0	-8.25

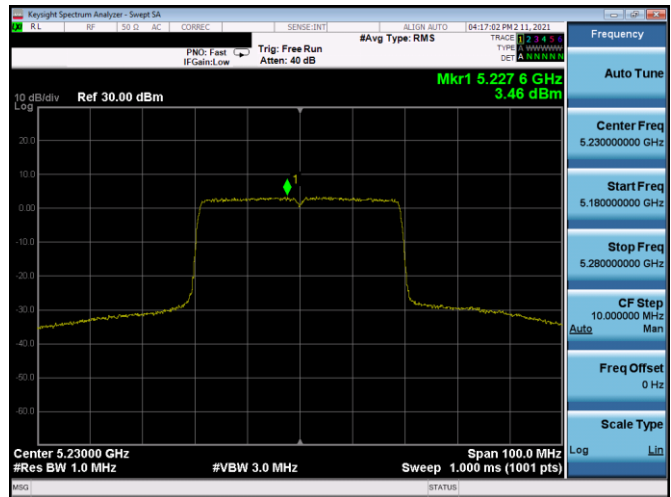
Table 7-103. Power Spectral Density Measurements Antenna 4b (High Data Rate)

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

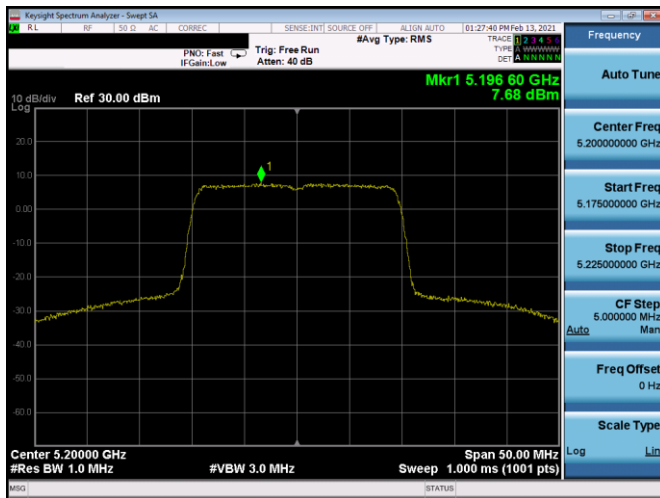
FCC ID: BCGA2301 IC: 579C-A2301		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 109 of 354



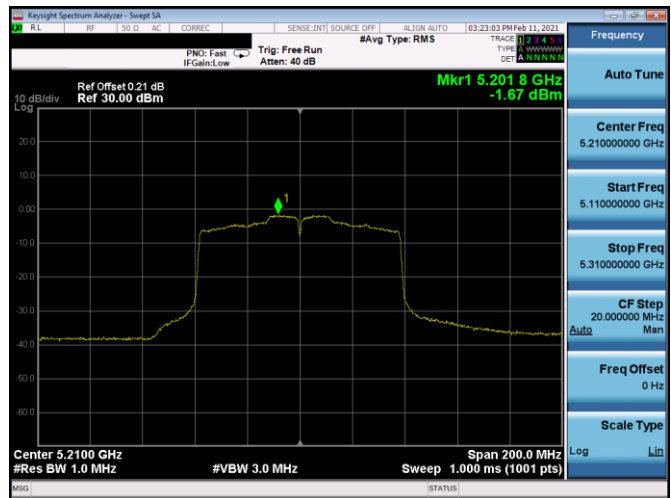
Plot 7-235. PSD Antenna 4b (20MHz BW 802.11n – Ch. 40, MCS0)



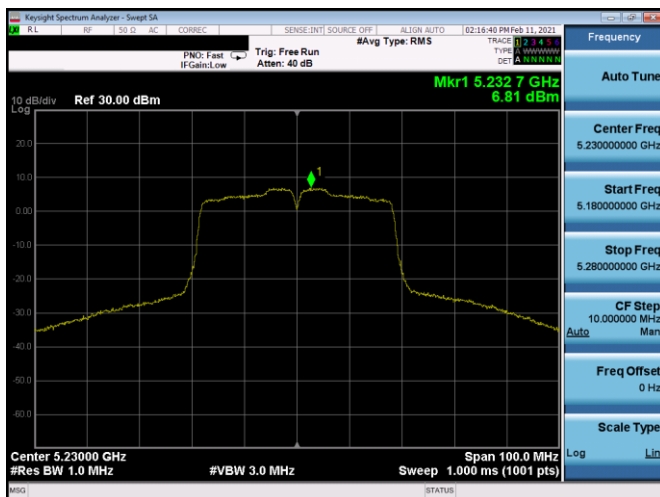
Plot 7-238. PSD Antenna 4b (40MHz BW 802.11ax(SU) – Ch. 46, MCS0)



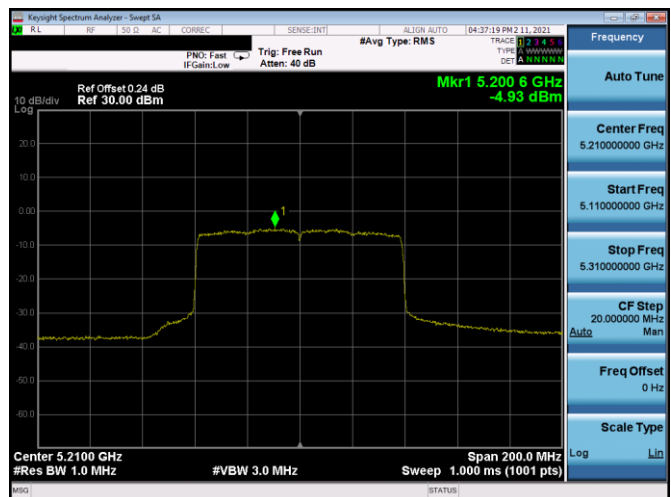
Plot 7-236. PSD Antenna 4b (20MHz BW 802.11ax(SU) – Ch. 40, MCS0)



Plot 7-239. PSD Antenna 4b (80MHz BW 802.11ac – Ch. 42, MCS0)

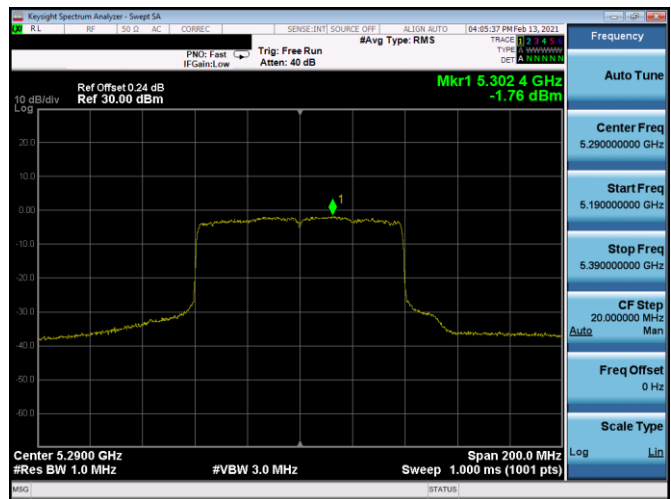
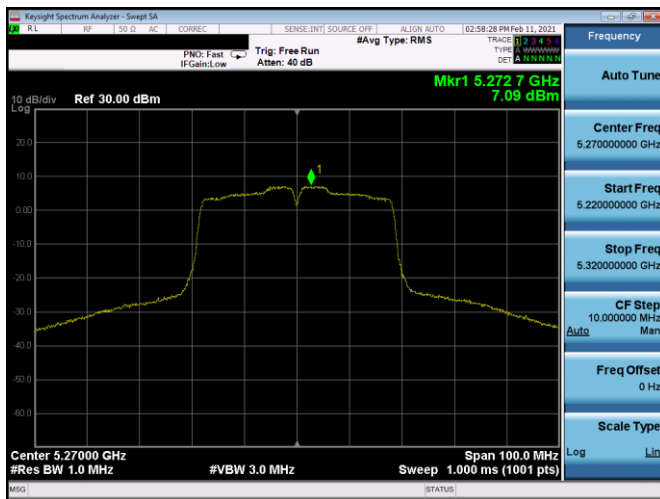
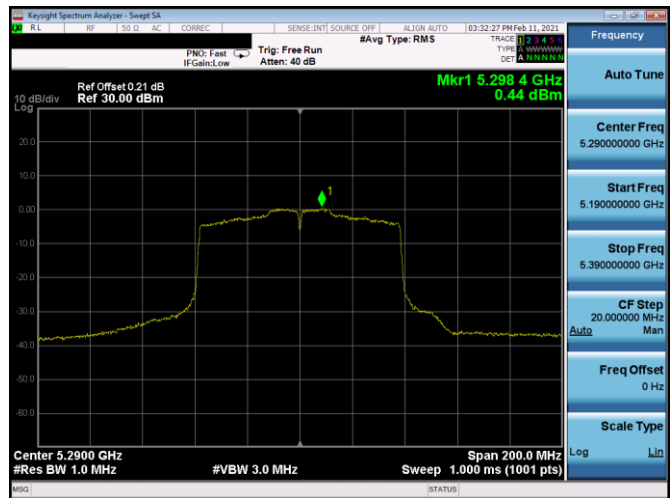
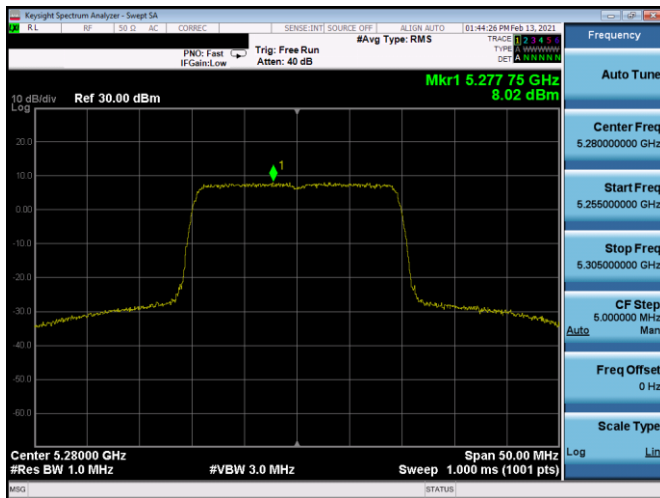
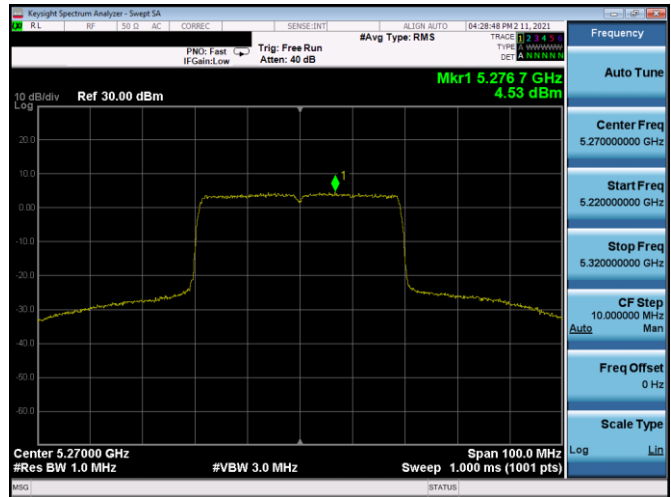
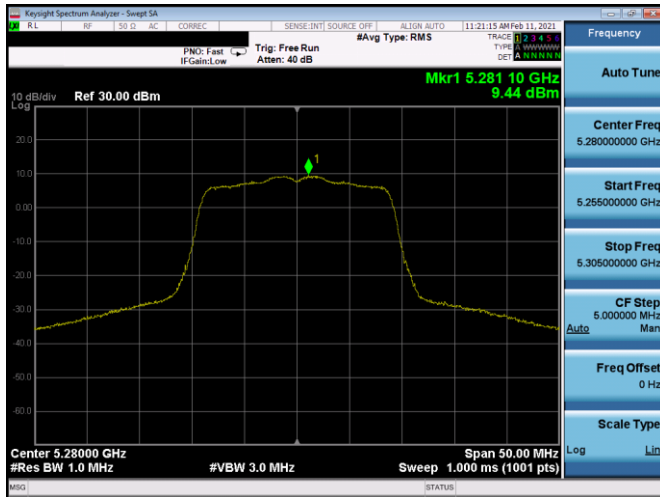


Plot 7-237. PSD Antenna 4b (40MHz BW 802.11n – Ch. 46, MCS0)

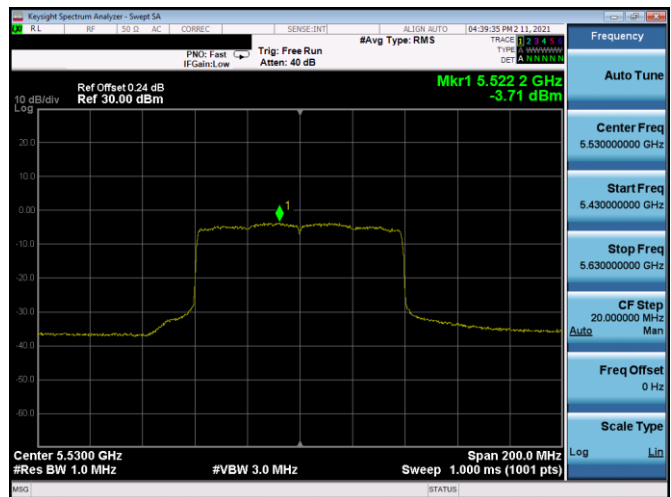
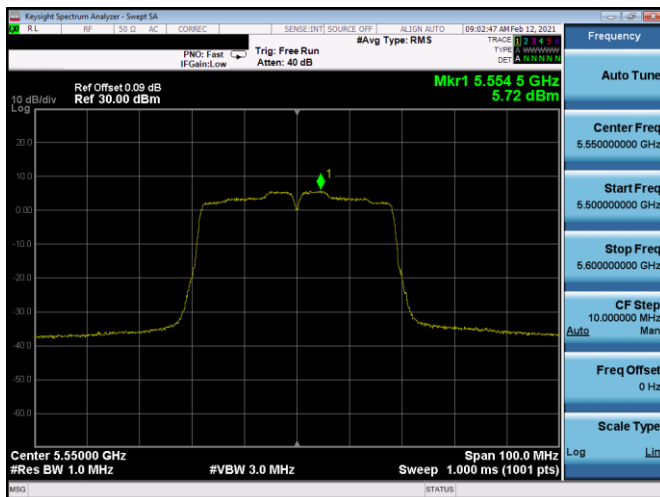
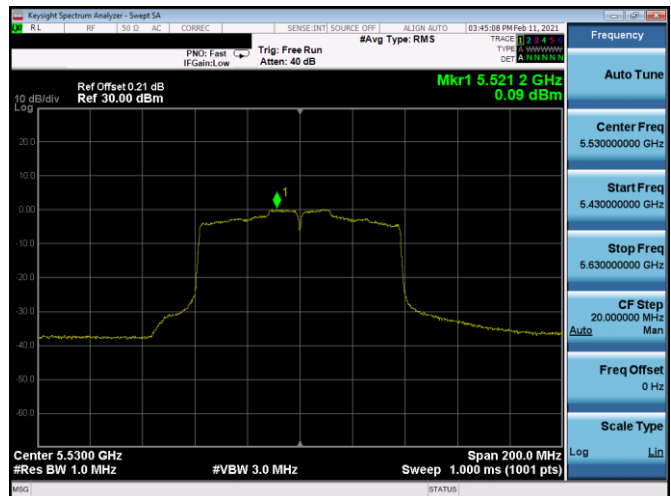
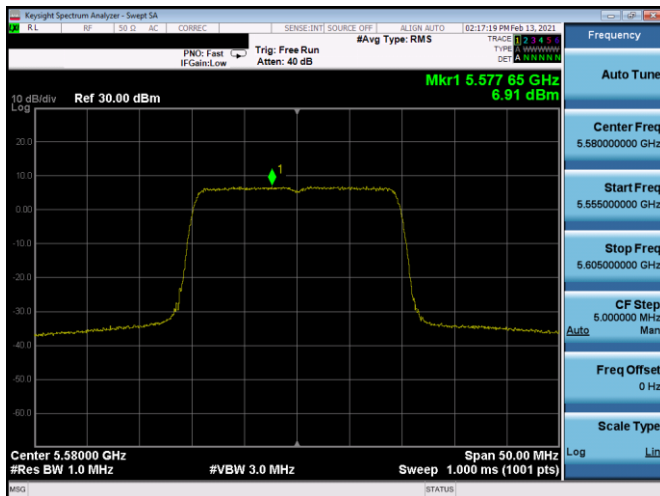
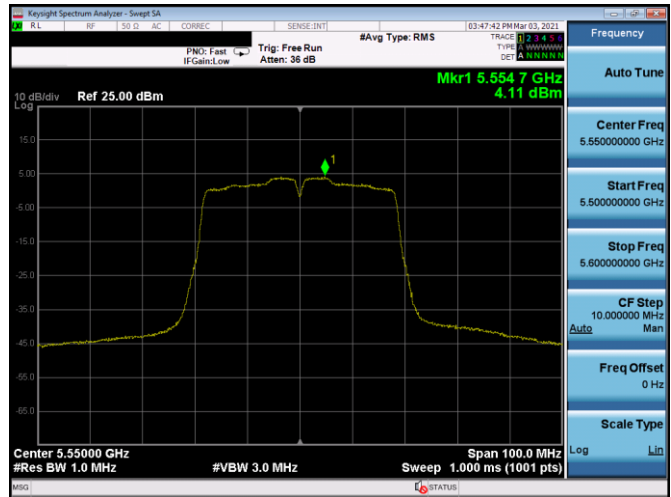
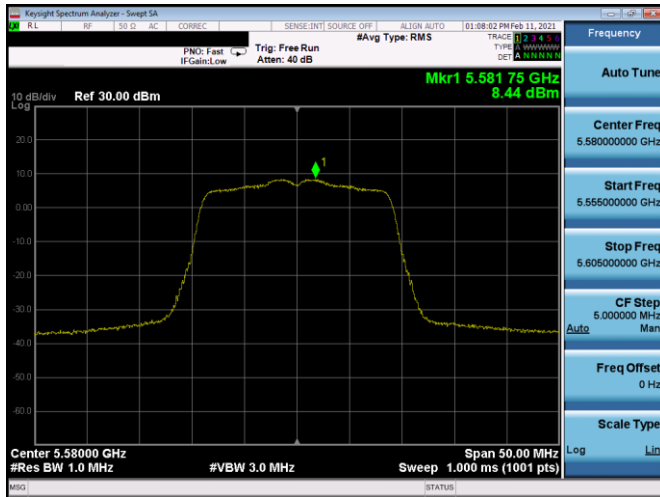


Plot 7-240. PSD Antenna 4b (80MHz BW 802.11ax(SU) – Ch. 42, MCS0)

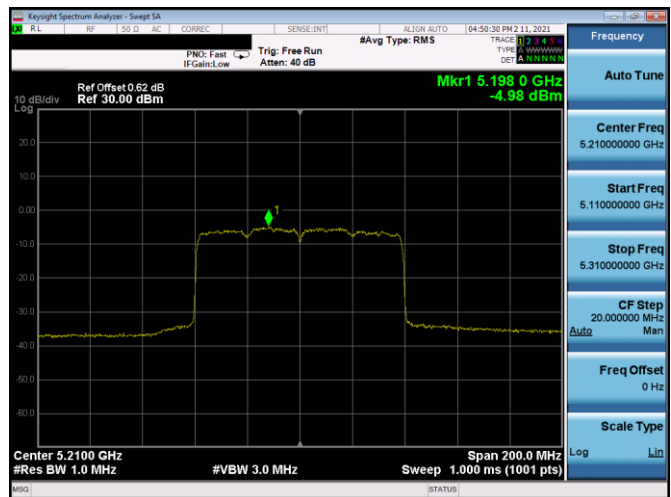
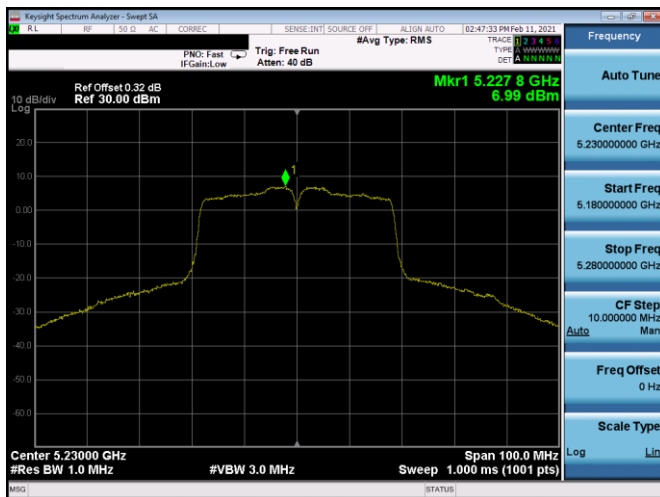
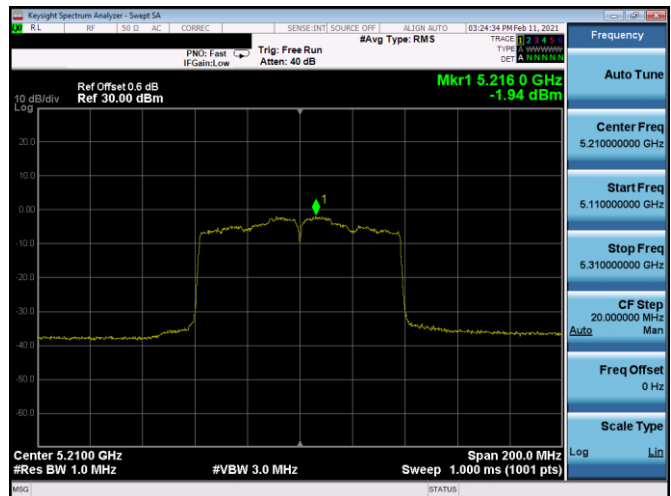
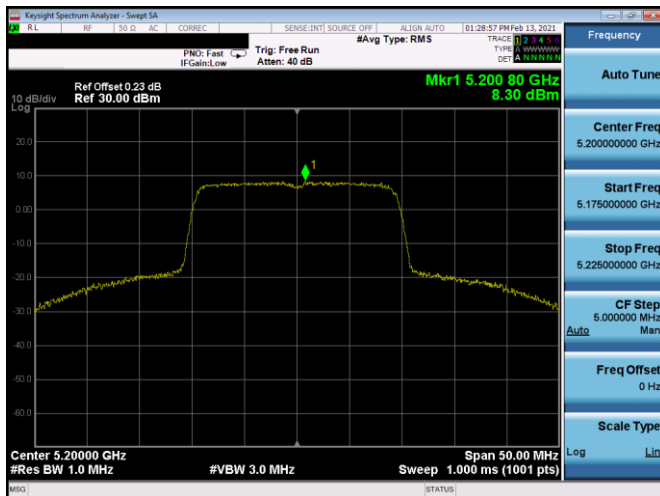
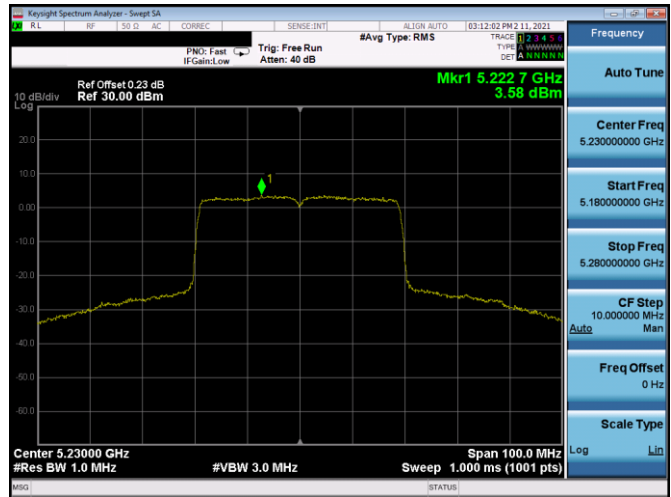
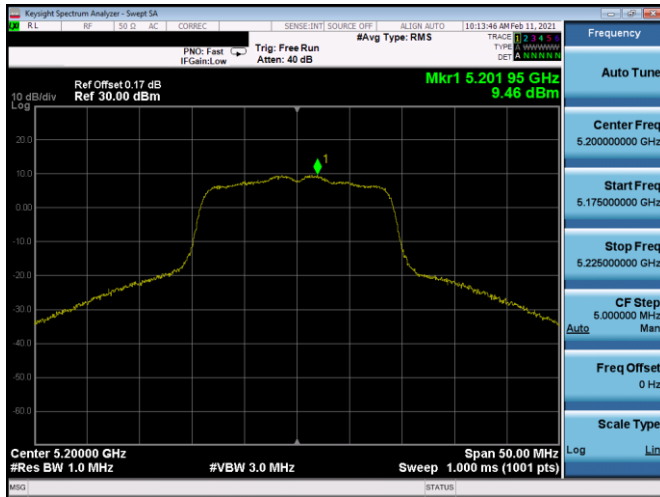
FCC ID: BCGA2301 IC: 579C-A2301	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 110 of 354



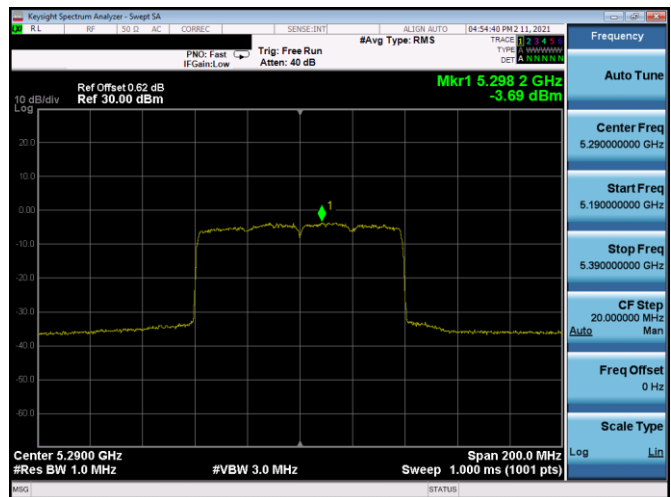
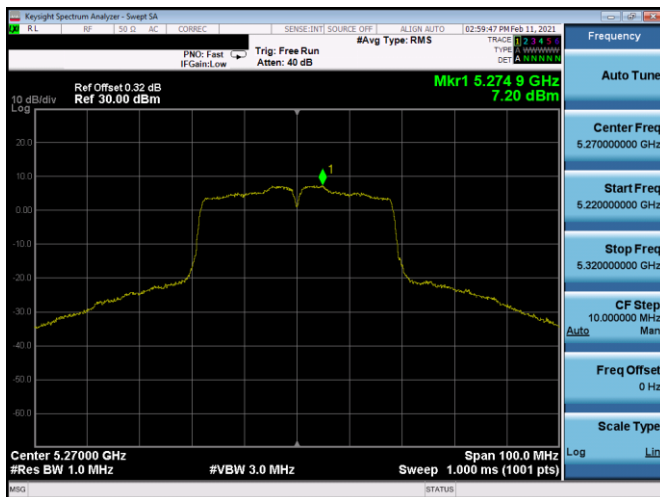
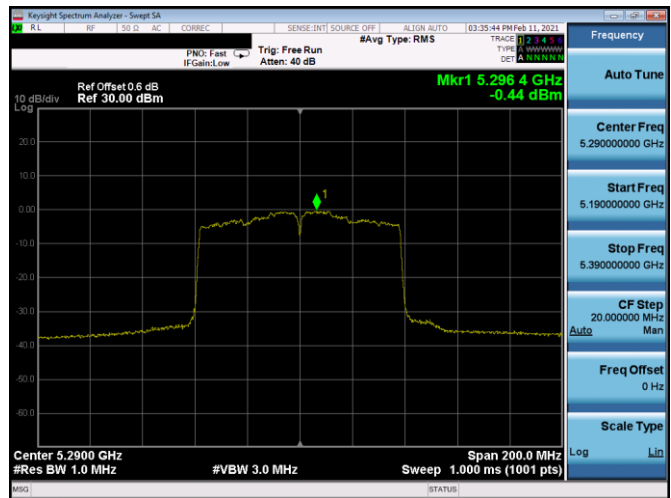
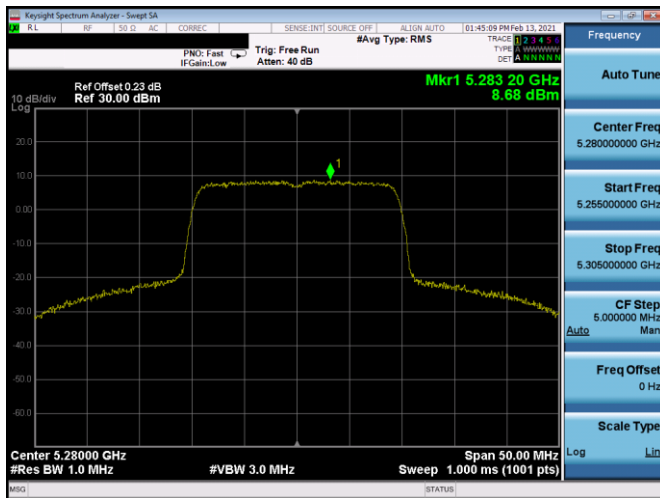
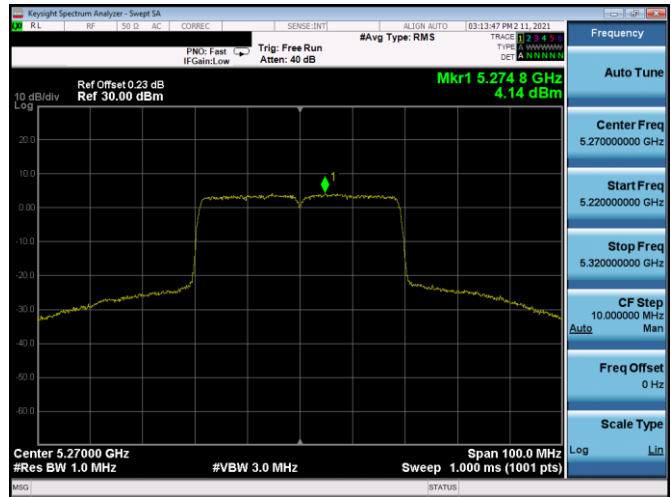
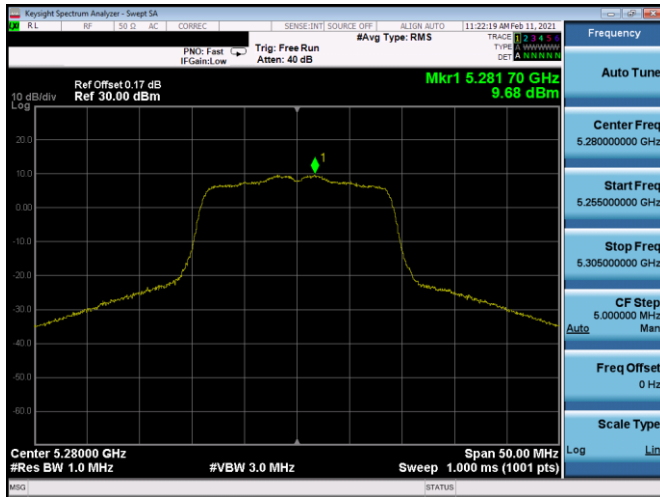
FCC ID: BCGA2301 IC: 579C-A2301			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device		Page 111 of 354



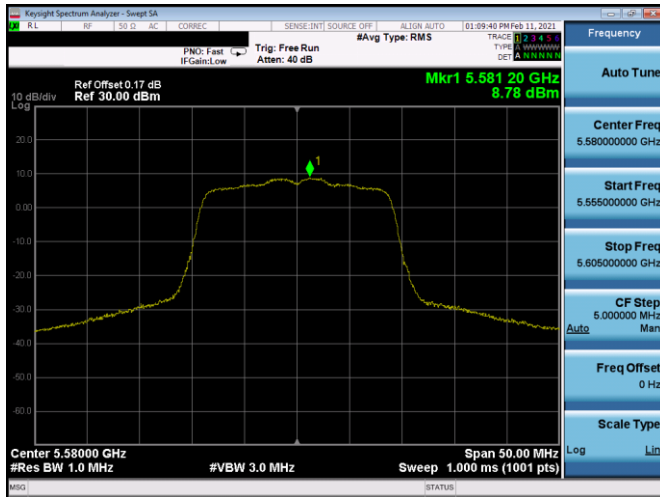
FCC ID: BCGA2301 IC: 579C-A2301			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device		Page 112 of 354



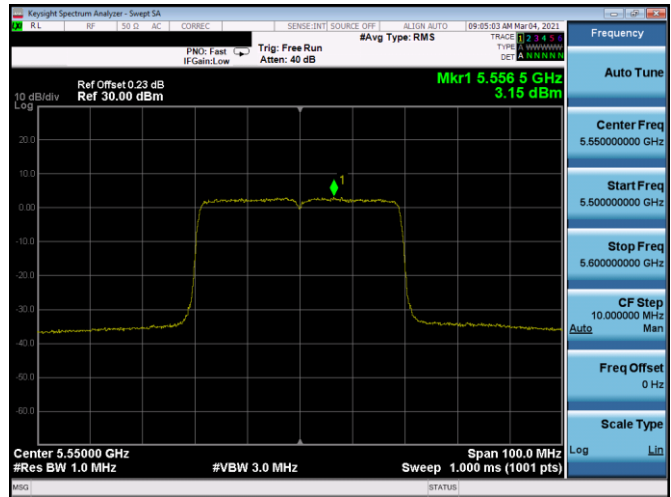
FCC ID: BCGA2301 IC: 579C-A2301	PCTEST Proud to be part of element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device		Page 113 of 354



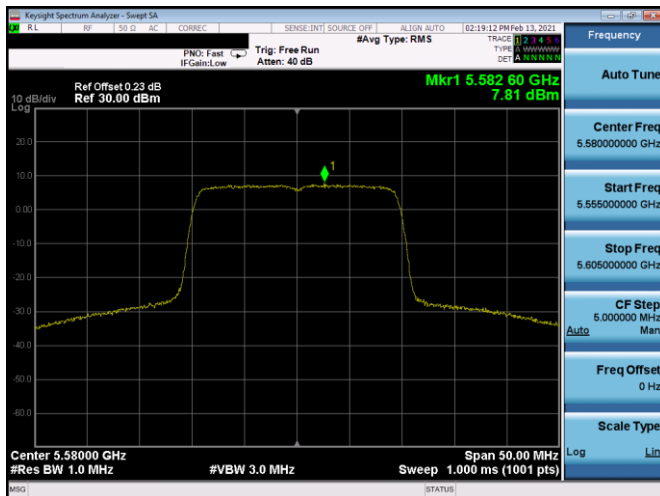
FCC ID: BCGA2301 IC: 579C-A2301	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 114 of 354



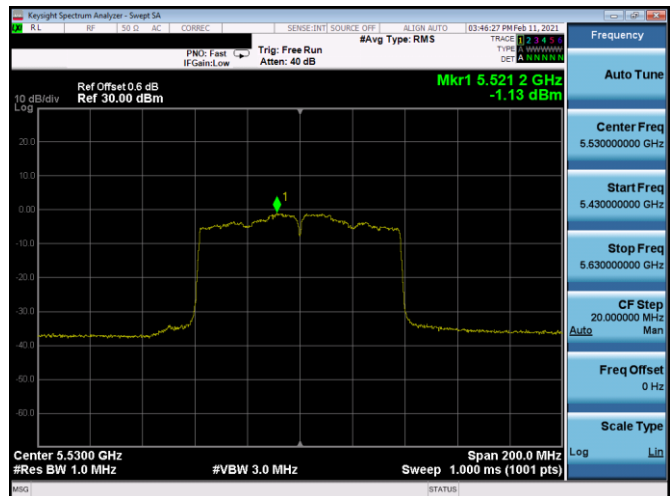
Plot 7-265. PSD Antenna 4b (20MHz BW 802.11n – Ch. 116, MCS3)



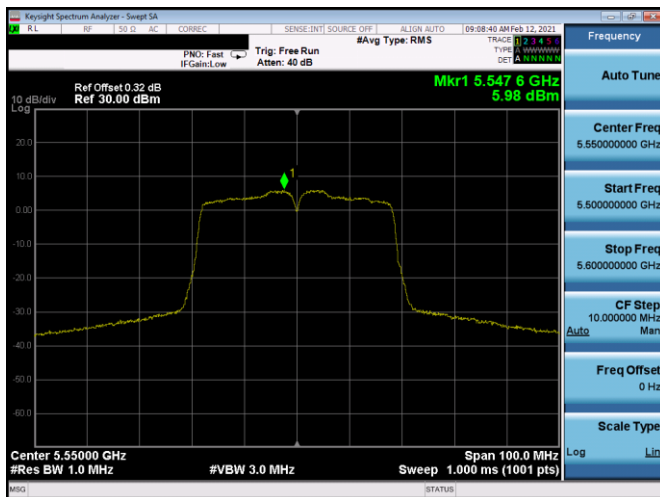
Plot 7-268. PSD Antenna 4b (40MHz BW 802.11ax(SU) – Ch. 110, MCS3)



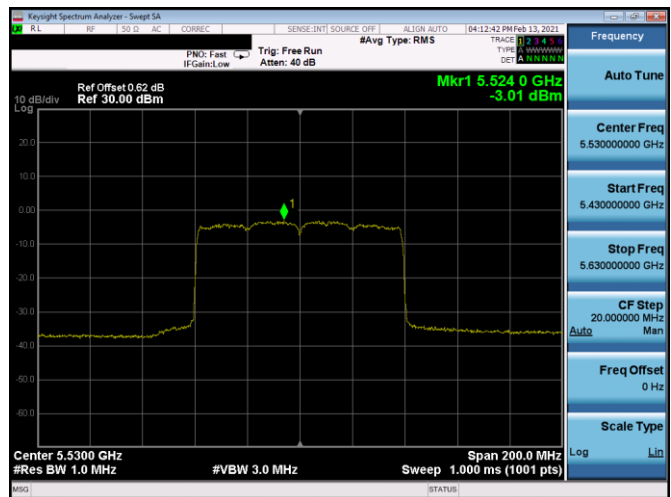
Plot 7-266. PSD Antenna 4b (20MHz BW 802.11ax(SU) – Ch. 116, MCS3)



Plot 7-269. PSD Antenna 4b (80MHz BW 802.11ac – Ch. 106, MCS3)

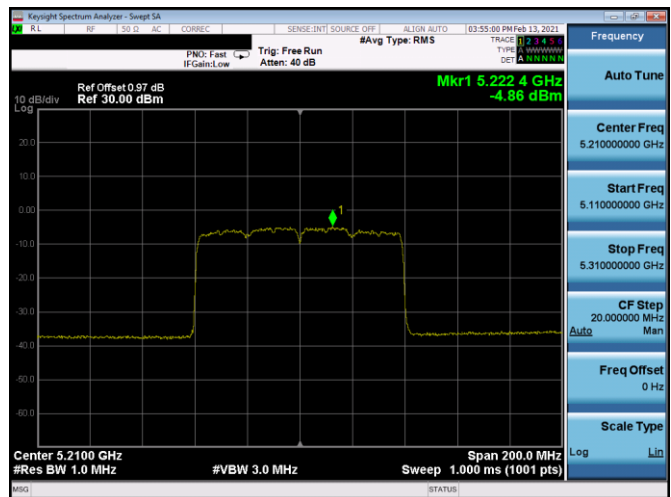
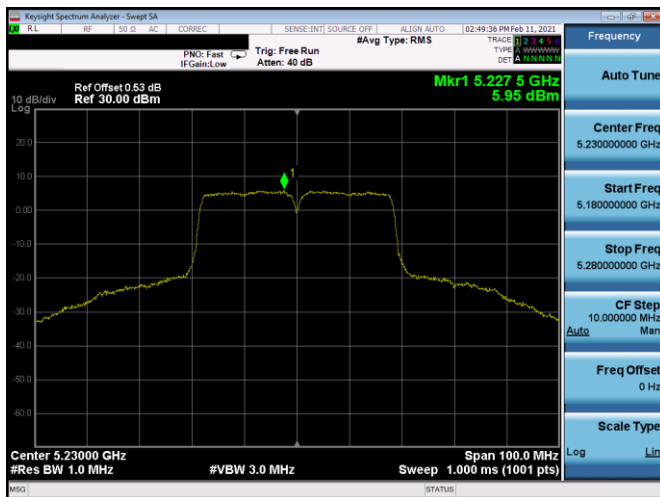
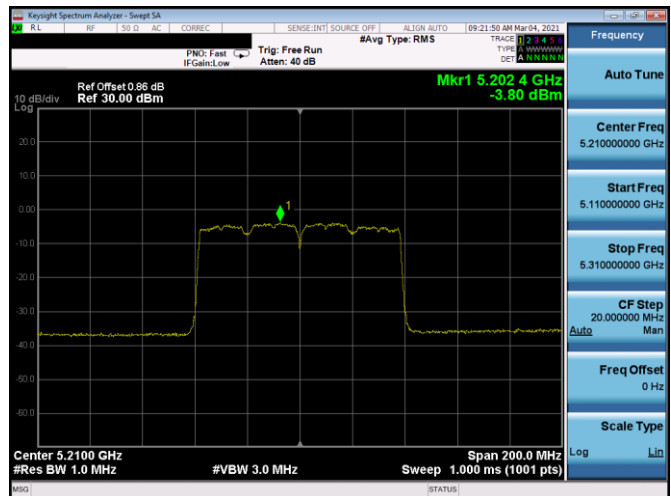
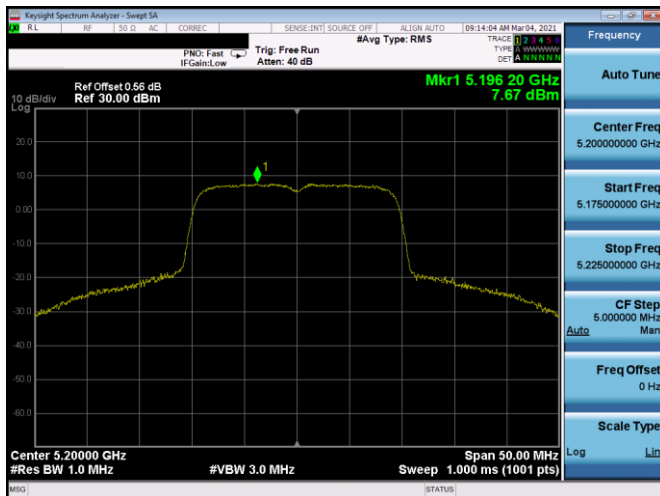
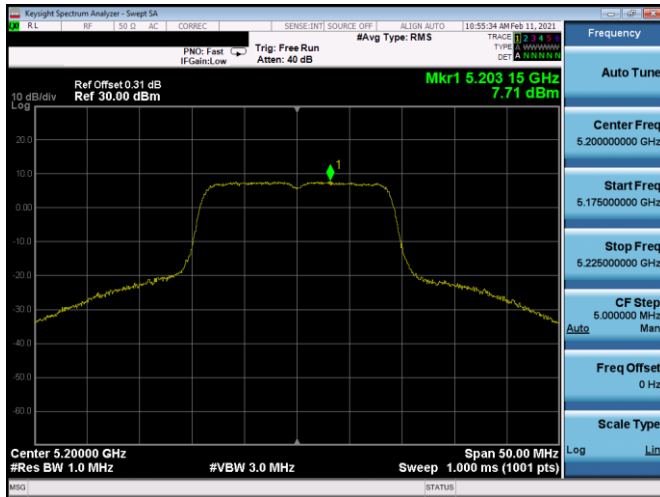


Plot 7-267. PSD Antenna 4b (40MHz BW 802.11n – Ch. 110, MCS3)

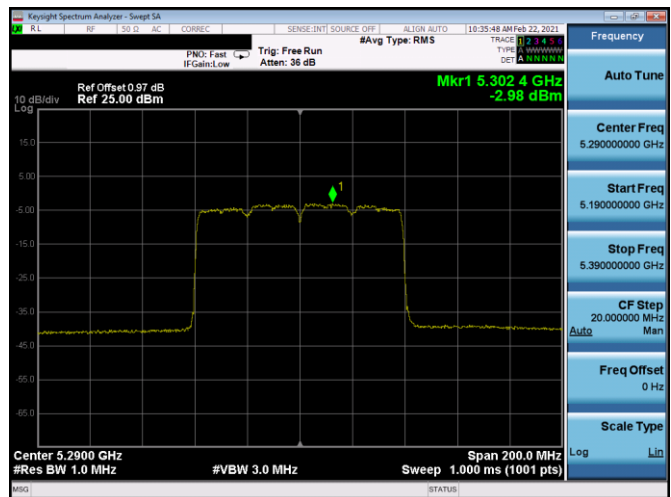
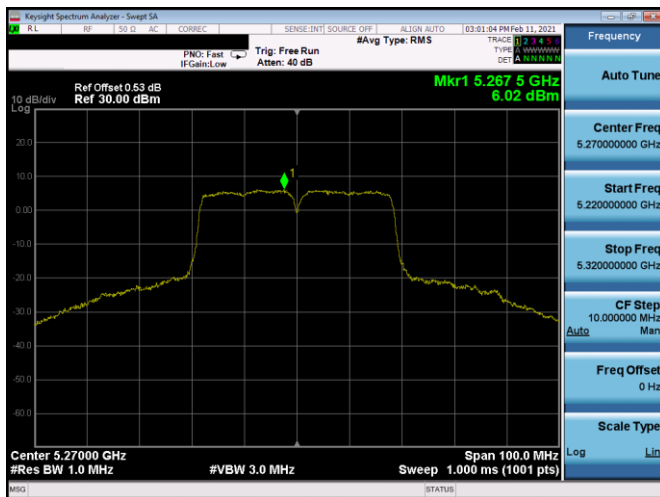
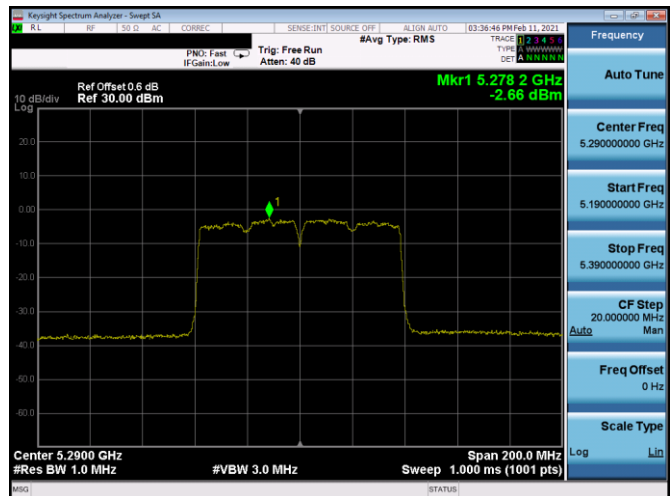
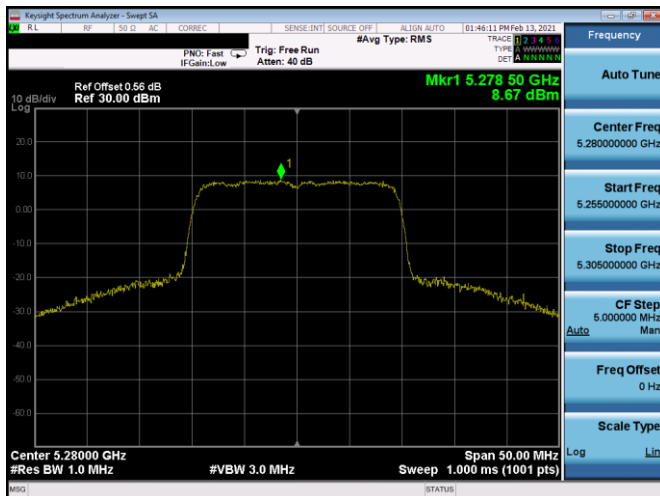
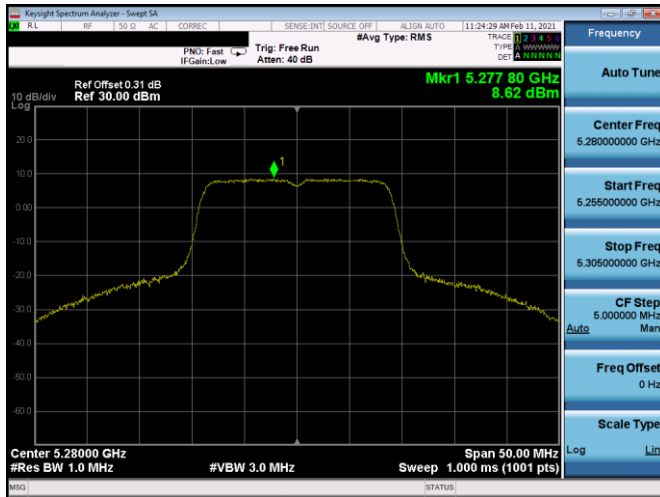


Plot 7-270. PSD Antenna 4b (80MHz BW 802.11ax(SU) – Ch. 106, MCS3)

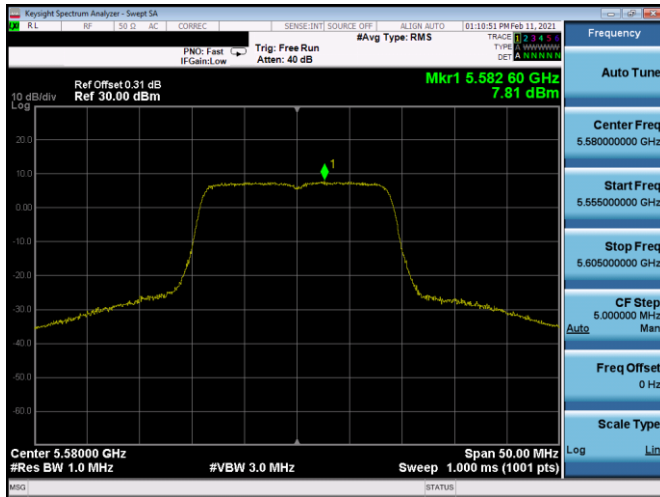
FCC ID: BCGA2301 IC: 579C-A2301			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 115 of 354	



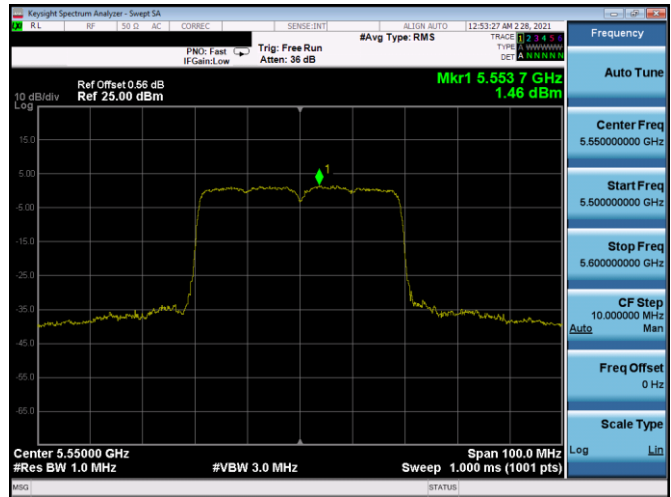
FCC ID: BCGA2301 IC: 579C-A2301	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 116 of 354



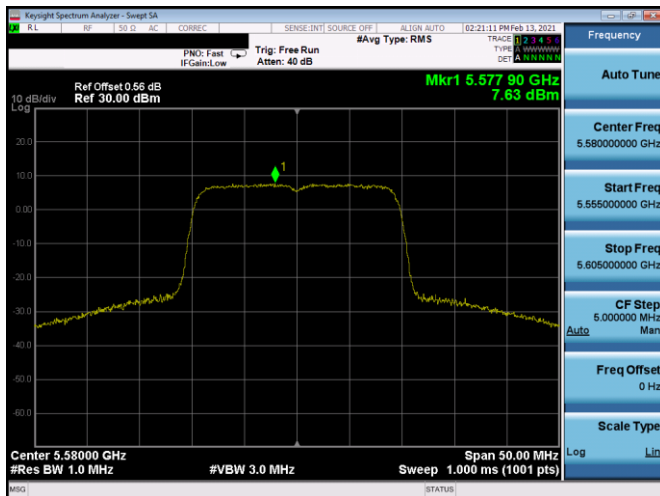
FCC ID: BCGA2301 IC: 579C-A2301	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020002-15.BCG	Test Dates: 12/12/2020 - 3/10/2021	EUT Type: Tablet Device	Page 117 of 354



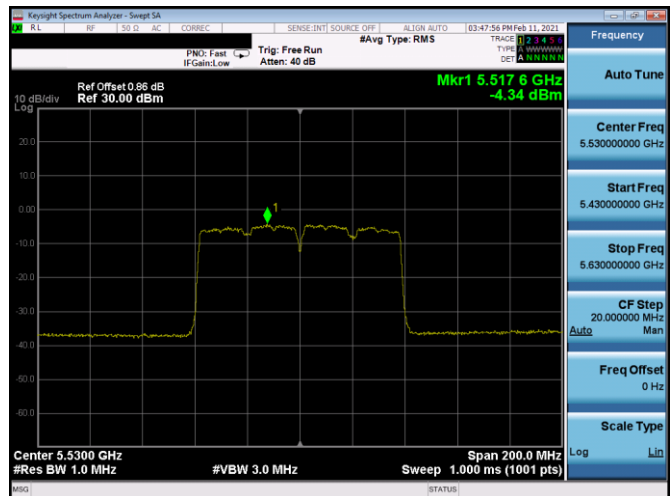
Plot 7-283. PSD Antenna 4b (20MHz BW 802.11n – Ch. 116, MCS5)



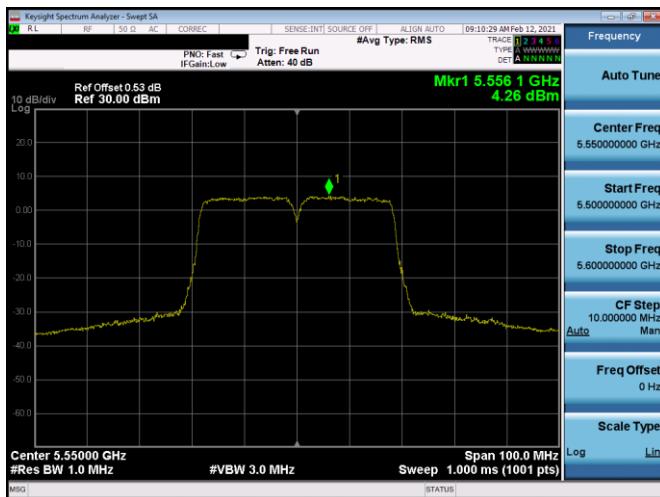
Plot 7-286. PSD Antenna 4b (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



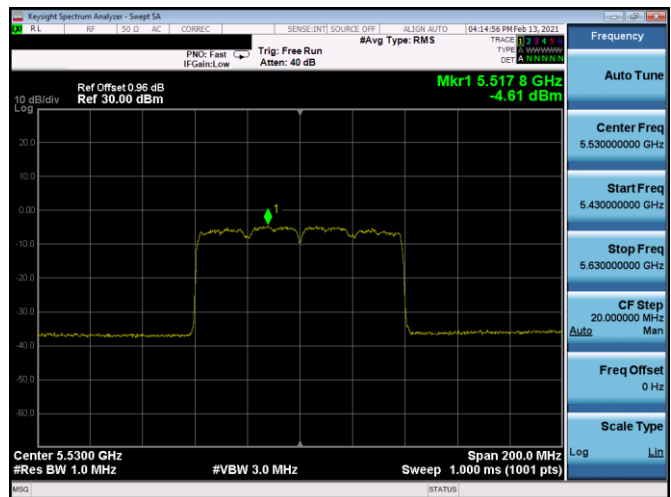
Plot 7-284. PSD Antenna 4b (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



Plot 7-287. PSD Antenna 4b (80MHz BW 802.11ac – Ch. 106, MCS5)



Plot 7-285. PSD Antenna 4b (40MHz BW 802.11n – Ch. 110, MCS5)



Plot 7-288. PSD Antenna 4b (80MHz BW 802.11ax(SU) – Ch. 106, MCS11)

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 118 of 354	

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	6.5/7.2 (MCS0)	6.14	30.0	-23.86
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	6.39	30.0	-23.61
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	6.61	30.0	-23.39
	5745	149	ax-SU (20MHz)	8/8.6 (MCS0)	4.75	30.0	-25.25
	5785	157	ax-SU (20MHz)	8/8.6 (MCS0)	5.22	30.0	-24.78
	5825	165	ax-SU (20MHz)	8/8.6 (MCS0)	5.33	30.0	-24.67
	5755	151	n (40MHz)	13.5/15 (MCS0)	3.66	30.0	-26.34
	5795	159	n (40MHz)	13.5/15 (MCS0)	4.05	30.0	-25.95
	5755	151	ax-SU (40MHz)	16/17.2 (MCS0)	1.18	30.0	-28.82
	5795	159	ax-SU (40MHz)	16/17.2 (MCS0)	1.95	30.0	-28.05
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	-0.06	30.0	-30.06
	5775	155	ax-SU (80MHz)	34/36.0 (MCS0)	-3.32	30.0	-33.32

Table 7-104. Band 3 Power Spectral Density Measurements Antenna 4b (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	26/28.9 (MCS3)	6.63	30.0	-23.37
	5785	157	n (20MHz)	26/28.9 (MCS3)	6.85	30.0	-23.15
	5825	165	n (20MHz)	26/28.9 (MCS3)	6.95	30.0	-23.05
	5745	149	ax-SU (20MHz)	33/34.4 (MCS3)	5.51	30.0	-24.49
	5785	157	ax-SU (20MHz)	33/34.4 (MCS3)	5.63	30.0	-24.37
	5825	165	ax-SU (20MHz)	33/34.4 (MCS3)	5.87	30.0	-24.13
	5755	151	n (40MHz)	54/60 (MCS3)	3.88	30.0	-26.12
	5795	159	n (40MHz)	54/60 (MCS3)	4.42	30.0	-25.58
	5755	151	ax-SU (40MHz)	65/68.8 (MCS3)	1.43	30.0	-28.57
	5795	159	ax-SU (40MHz)	65/68.8 (MCS3)	2.05	30.0	-27.95
	5775	155	ac (80MHz)	117/130 (MCS3)	0.17	30.0	-29.83
	5775	155	ax-SU (80MHz)	136/144.1 (MCS3)	-3.42	30.0	-33.42

Table 7-105. Band 3 Power Spectral Density Measurements Antenna 4b (Mid Data Rate)

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 119 of 354

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	52/57.8 (MCS5)	5.47	30.0	-24.53
	5785	157	n (20MHz)	52/57.8 (MCS5)	5.80	30.0	-24.20
	5825	165	n (20MHz)	52/57.8 (MCS5)	5.73	30.0	-24.27
	5745	149	ax-SU (20MHz)	135/143.4 (MCS11)	5.70	30.0	-24.30
	5785	157	ax-SU (20MHz)	135/143.4 (MCS11)	6.07	30.0	-23.93
	5825	165	ax-SU (20MHz)	135/143.4 (MCS11)	6.39	30.0	-23.61
	5755	151	n (40MHz)	108/120 (MCS5)	2.86	30.0	-27.14
	5795	159	n (40MHz)	108/120 (MCS5)	3.52	30.0	-26.48
	5755	151	ax-SU (40MHz)	271/286.8 (MCS11)	2.21	30.0	-27.79
	5795	159	ax-SU (40MHz)	271/286.8 (MCS11)	2.51	30.0	-27.49
	5775	155	ac (80MHz)	234/260 (MCS5)	-1.83	30.0	-31.83
	5775	155	ax-SU (80MHz)	567/600.5 (MCS11)	-4.62	30.0	-34.62

Table 7-106. Band 3 Power Spectral Density Measurements Antenna 4b (High Data Rate)

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 120 of 354