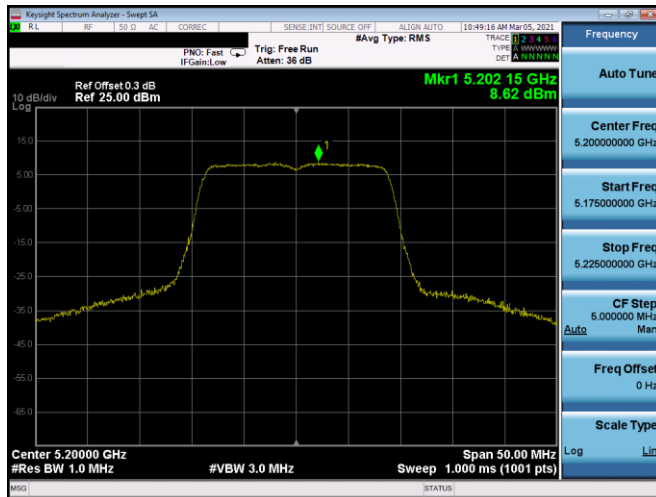
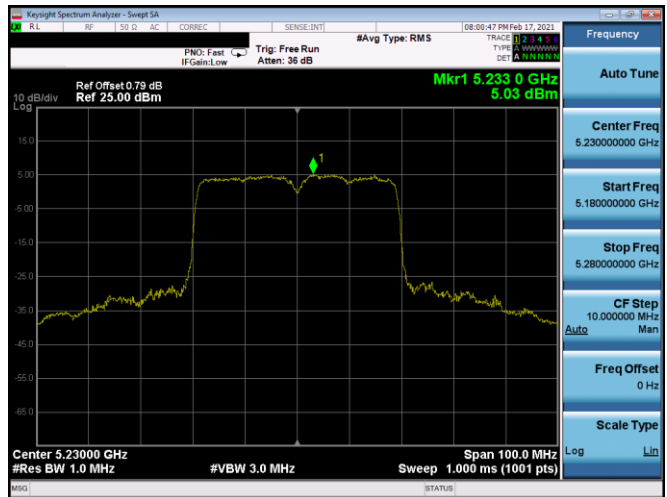
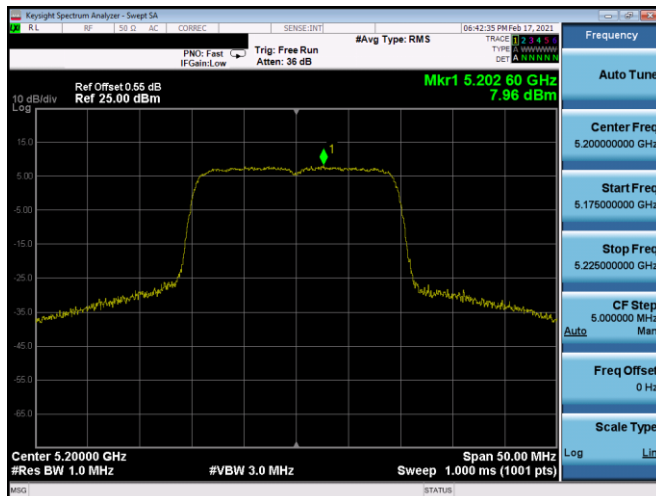




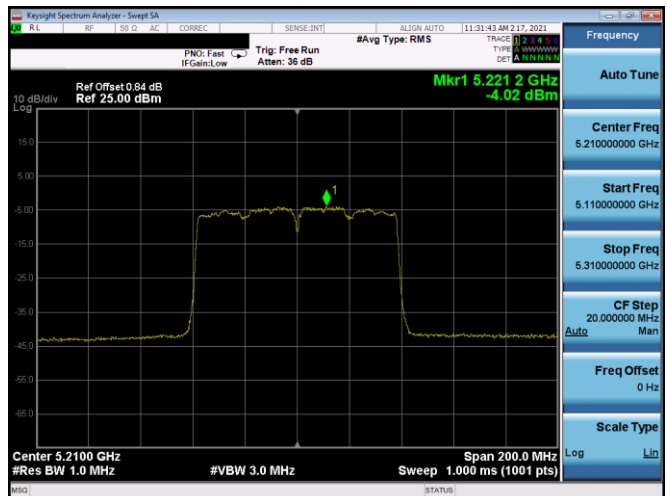
Plot 7-271. PSD Antenna 5B (20MHz BW 802.11n – Ch. 40, MCS5)



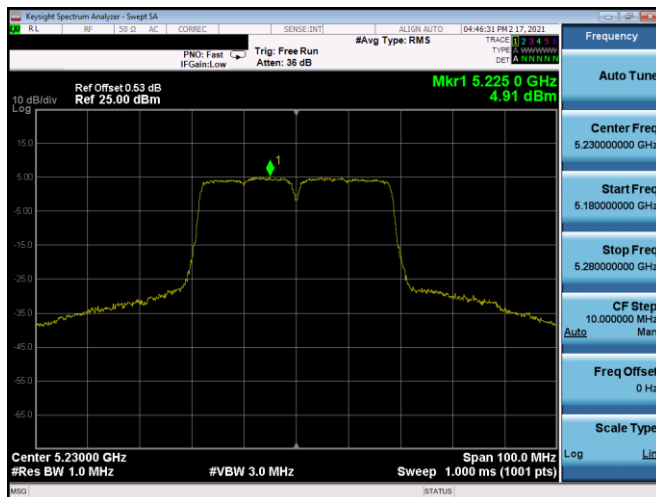
Plot 7-274. PSD Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



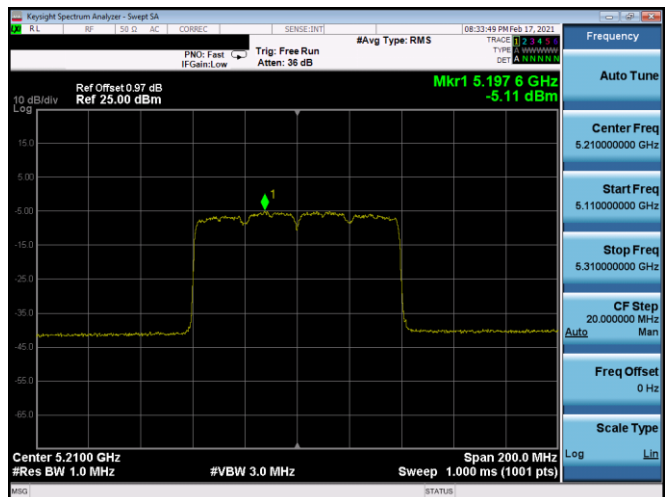
Plot 7-272. PSD Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



Plot 7-275. PSD Antenna 5B (80MHz BW 802.11ac – Ch. 42, MCS5)

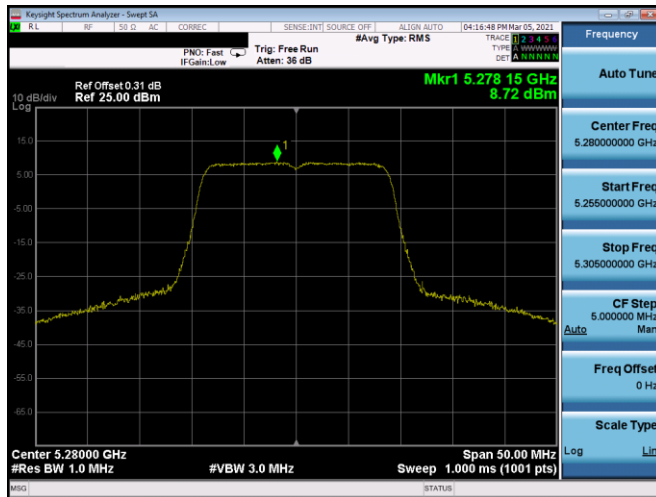


Plot 7-273. PSD Antenna 5B (40MHz BW 802.11n – Ch. 46, MCS5)

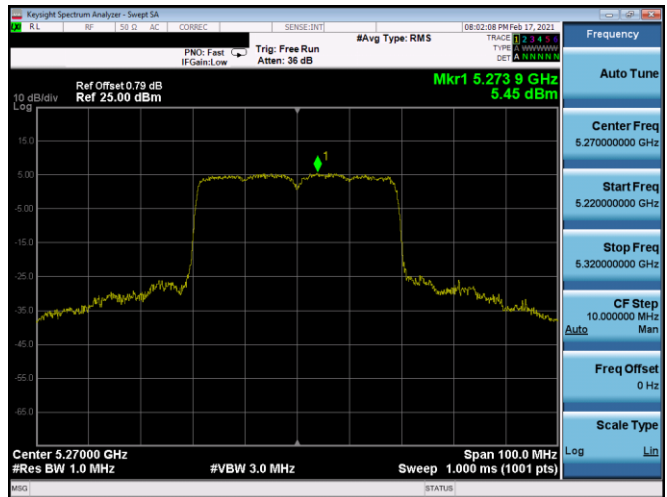


Plot 7-276. PSD Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

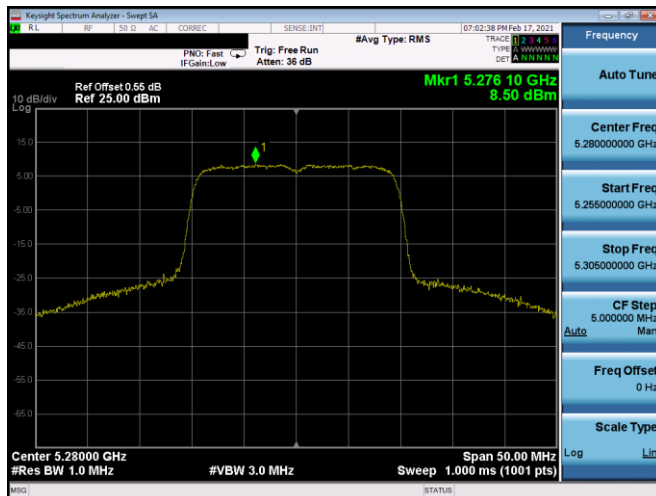
FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 114 of 349



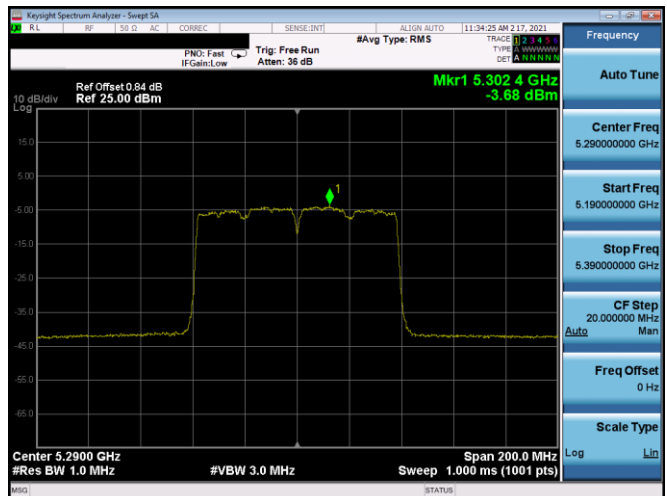
Plot 7-277. PSD Antenna 5B (20MHz BW 802.11n – Ch. 56, MCS5)



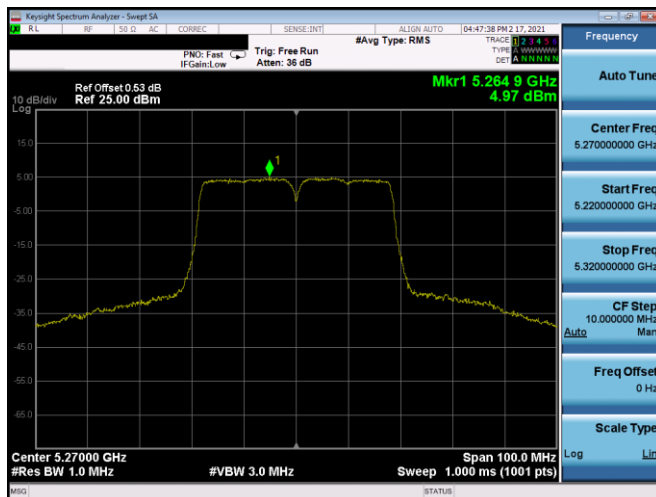
Plot 7-280. PSD Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



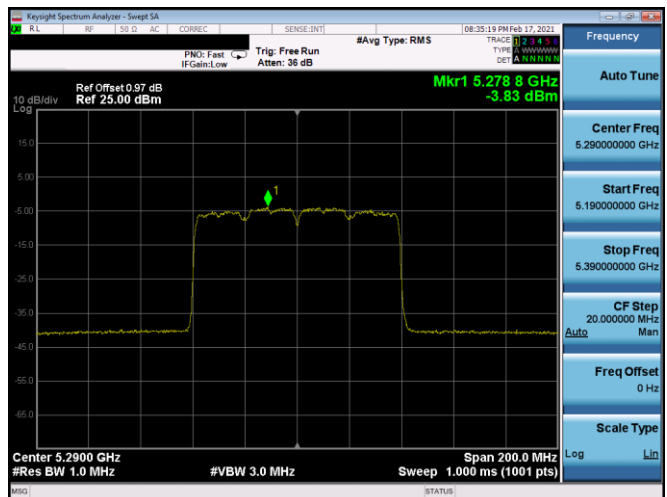
Plot 7-278. PSD Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-281. PSD Antenna 5B (80MHz BW 802.11ac – Ch. 58, MCS5)

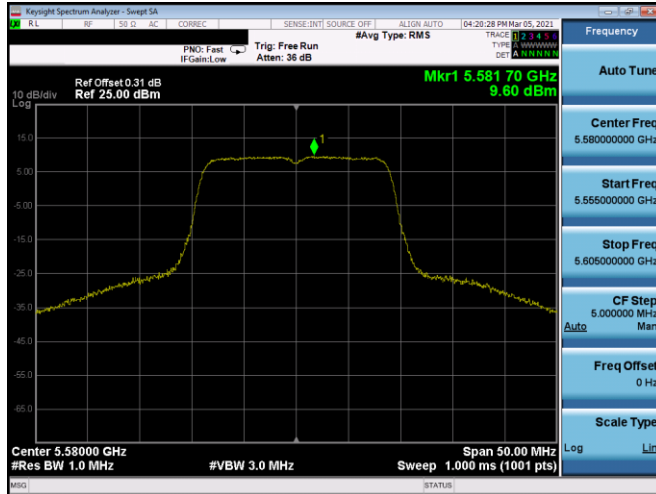


Plot 7-279. PSD Antenna 5B (40MHz BW 802.11n – Ch. 54, MCS5)

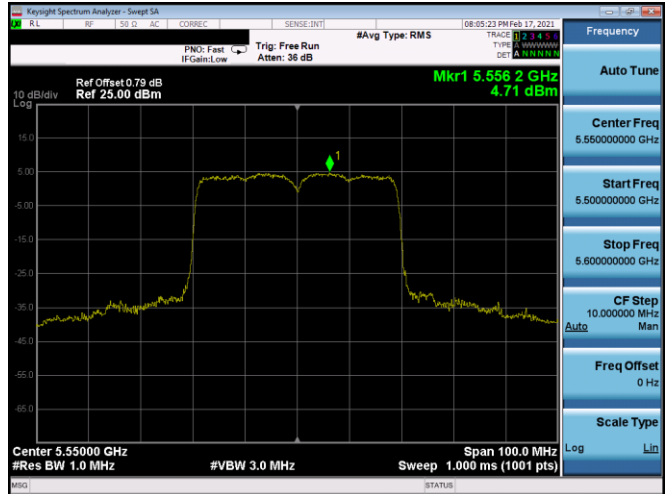


Plot 7-282. PSD Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)

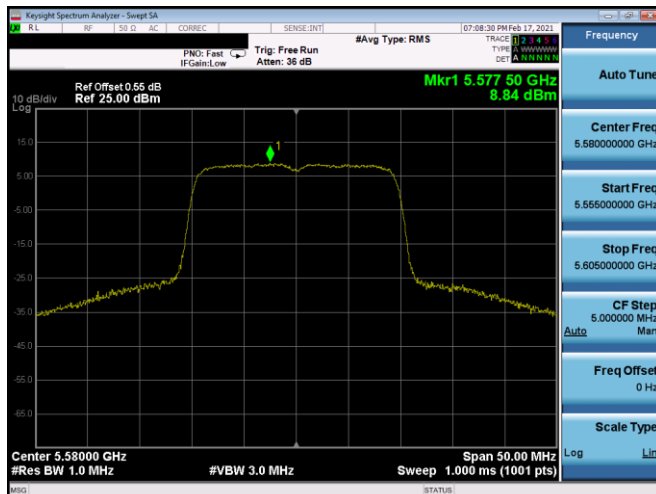
FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 115 of 349



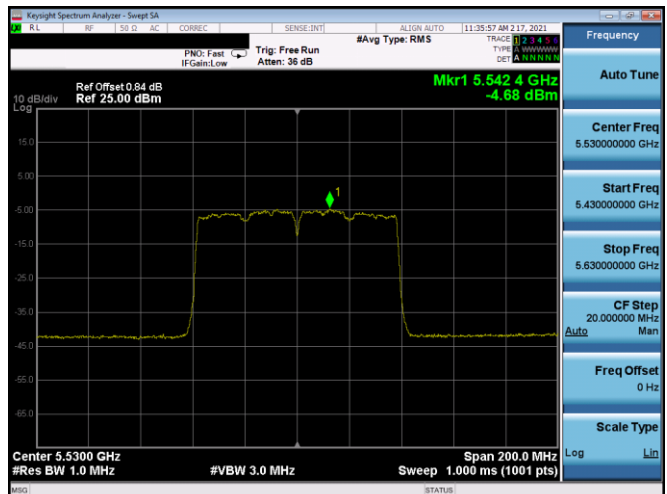
Plot 7-283. PSD Antenna 5B (20MHz BW 802.11n – Ch. 116, MCS5)



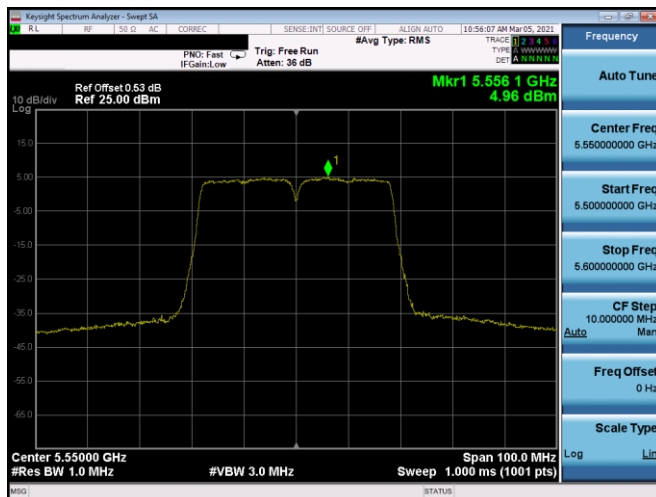
Plot 7-286. PSD Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



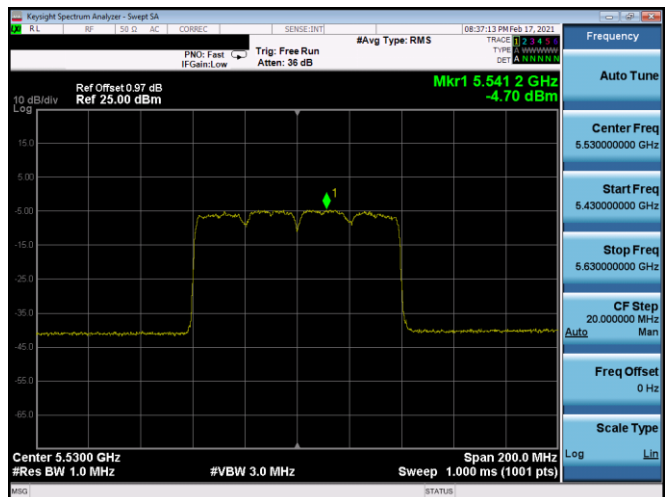
Plot 7-284. PSD Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



Plot 7-287. PSD Antenna 5B (80MHz BW 802.11ac – Ch. 106, MCS5)



Plot 7-285. PSD Antenna 5B (40MHz BW 802.11n – Ch. 110, MCS5)



Plot 7-288. PSD Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 106, MCS11)

FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 116 of 349

	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)	6.5/7.2 (MCS0)	8.45	30.0	-21.55
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	8.25	30.0	-21.75
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	8.27	30.0	-21.73
	5745	149	ax-SU (20MHz)	8/8.6 (MCS0)	6.37	30.0	-23.63
	5785	157	ax-SU (20MHz)	8/8.6 (MCS0)	6.88	30.0	-23.12
	5825	165	ax-SU (20MHz)	8/8.6 (MCS0)	6.46	30.0	-23.54
	5755	151	n (40MHz)	13.5/15 (MCS0)	4.43	30.0	-25.57
	5795	159	n (40MHz)	13.5/15 (MCS0)	4.60	30.0	-25.40
	5755	151	ax-SU (40MHz)	16/17.2 (MCS0)	4.14	30.0	-25.86
	5795	159	ax-SU (40MHz)	16/17.2 (MCS0)	4.41	30.0	-25.59
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	2.88	30.0	-27.12
	5775	155	ax-SU (80MHz)	34/36.0 (MCS0)	-0.54	30.0	-30.54

Table 7-104. Band 3 Power Spectral Density Measurements Antenna 5B (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)	9.03	30.0	-20.97
	5785	157	n (20MHz)	26/28.9 (MCS3)	8.71	30.0	-21.29
	5825	165	n (20MHz)	26/28.9 (MCS3)	8.77	30.0	-21.23
	5745	149	ax-SU (20MHz)	33/34.4 (MCS3)	7.27	30.0	-22.73
	5785	157	ax-SU (20MHz)	33/34.4 (MCS3)	7.79	30.0	-22.21
	5825	165	ax-SU (20MHz)	33/34.4 (MCS3)	6.93	30.0	-23.07
	5755	151	n (40MHz)	54/60 (MCS3)	6.15	30.0	-23.85
	5795	159	n (40MHz)	54/60 (MCS3)	5.91	30.0	-24.09
	5755	151	ax-SU (40MHz)	65/68.8 (MCS3)	5.03	30.0	-24.97
	5795	159	ax-SU (40MHz)	65/68.8 (MCS3)	4.93	30.0	-25.07
	5775	155	ac (80MHz)	117/130 (MCS3)	3.05	30.0	-26.95
	5775	155	ax-SU (80MHz)	567/600.5 (MCS3)	-0.73	30.0	-30.73

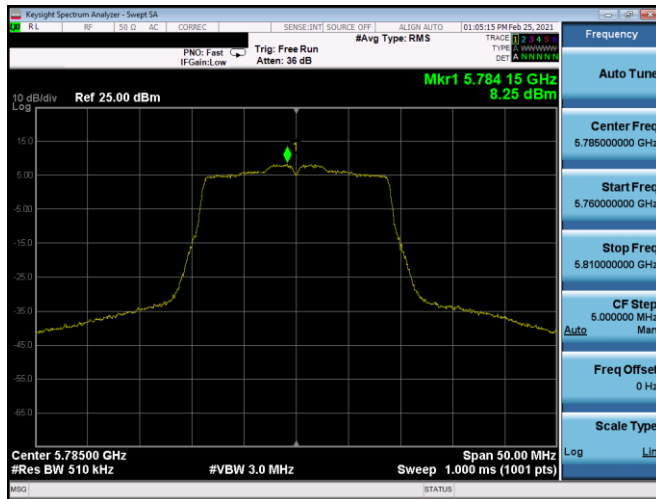
Table 7-105. Band 3 Power Spectral Density Measurements Antenna 5B (Mid Data Rate)

FCC ID: BCGA2378 IC: 579C-A2378	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 117 of 349

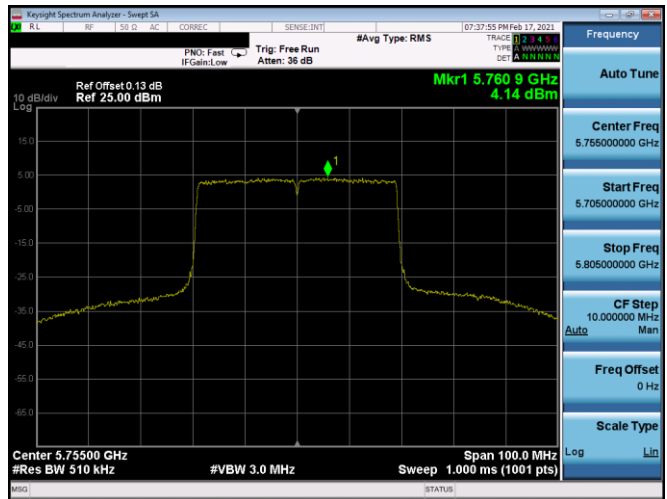
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	52/57.8 (MCS5)	7.90	30.0	-22.10
	5785	157	n (20MHz)	52/57.8 (MCS5)	7.31	30.0	-22.69
	5825	165	n (20MHz)	52/57.8 (MCS5)	7.38	30.0	-22.62
	5745	149	ax-SU (20MHz)	135/143.4 (MCS11)	7.67	30.0	-22.33
	5785	157	ax-SU (20MHz)	135/143.4 (MCS11)	7.76	30.0	-22.24
	5825	165	ax-SU (20MHz)	135/143.4 (MCS11)	7.69	30.0	-22.31
	5755	151	n (40MHz)	108/120 (MCS5)	3.75	30.0	-26.25
	5795	159	n (40MHz)	108/120 (MCS5)	4.00	30.0	-26.00
	5755	151	ax-SU (40MHz)	271/286.8 (MCS11)	4.22	30.0	-25.78
	5795	159	ax-SU (40MHz)	271/286.8 (MCS11)	5.43	30.0	-24.57
	5775	155	ac (80MHz)	234/260 (MCS5)	0.05	30.0	-29.95
	5775	155	ax-SU (80MHz)	567/600.5 (MCS11)	-1.17	30.0	-31.17

Table 7-106. Band 3 Power Spectral Density Measurements Antenna 5B (High Data Rate)

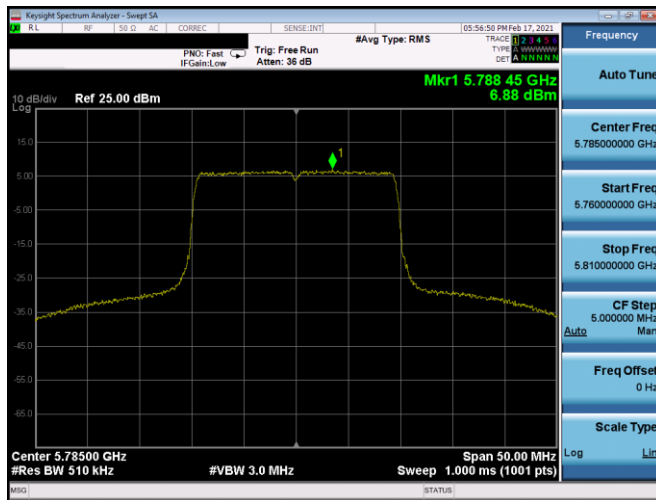
FCC ID: BCGA2378 IC: 579C-A2378	 PCTEST Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 118 of 349



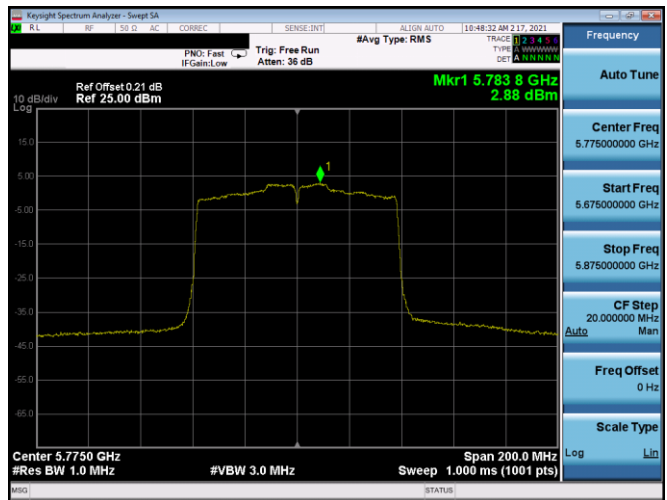
Plot 7-289. PSD Antenna 5B (20MHz BW 802.11n – Ch. 157, MCS0)



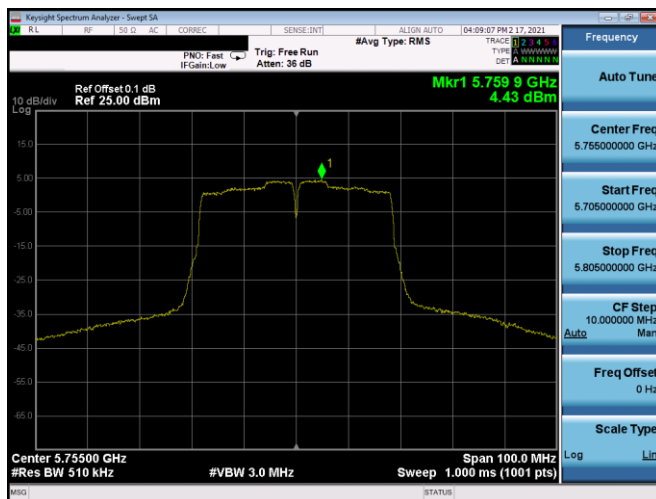
Plot 7-292. PSD Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 151, MCS0)



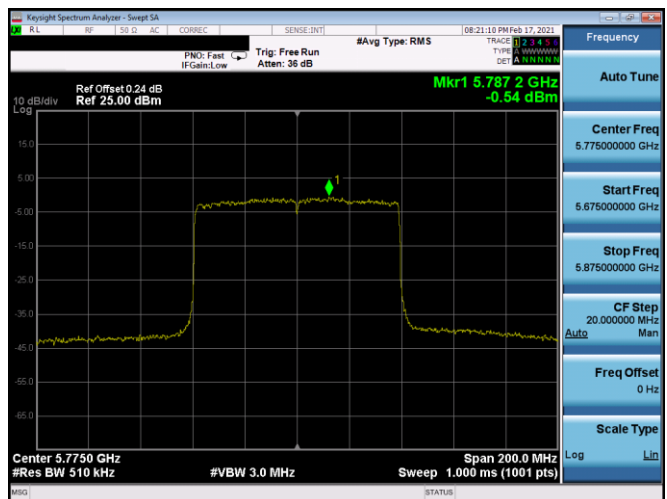
Plot 7-290. PSD Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 157, MCS0)



Plot 7-293. PSD Antenna 5B (80MHz BW 802.11ac – Ch. 155, MCS0)

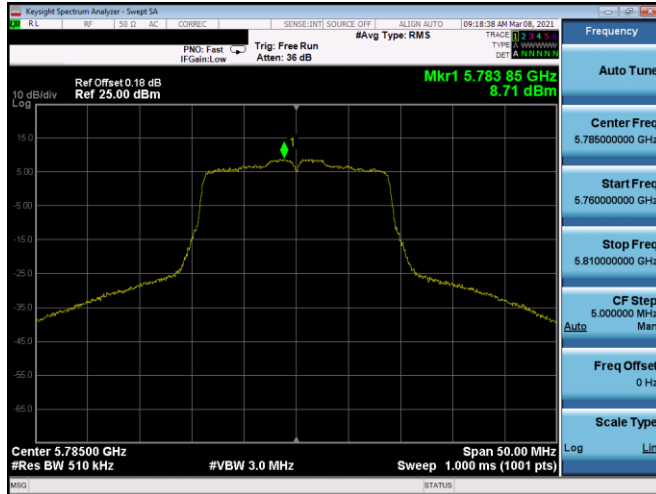


Plot 7-291. PSD Antenna 5B (40MHz BW 802.11n – Ch. 151, MCS0)

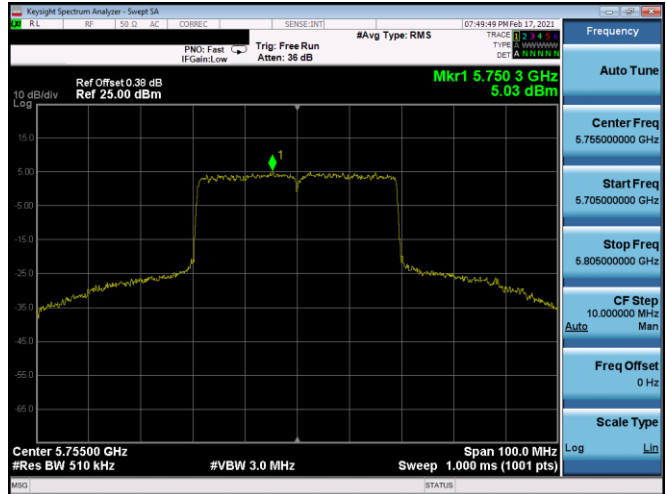


Plot 7-294. PSD Antenna 5B (80MHz BW 802.11ac – Ch. 155, MCS0)

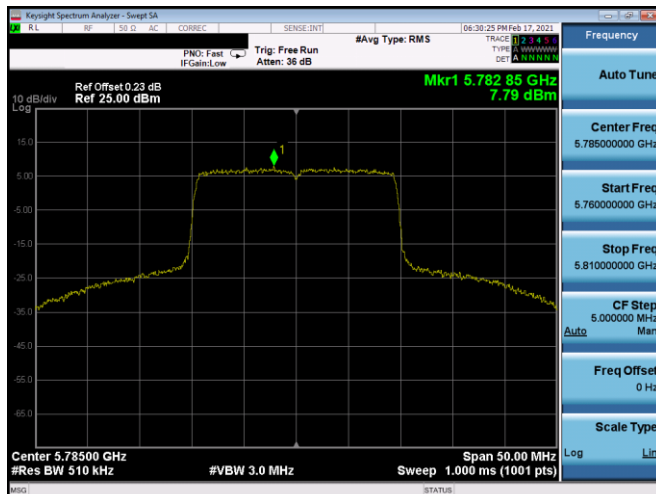
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 119 of 349



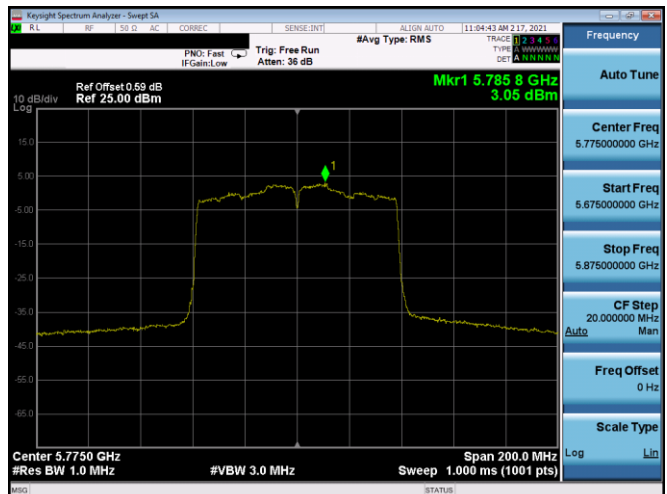
Plot 7-295. PSD Antenna 5B (20MHz BW 802.11n – Ch. 157, MCS3)



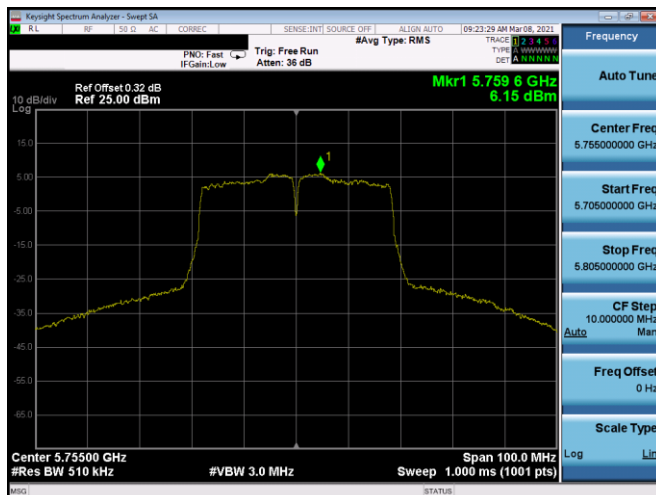
Plot 7-298. PSD Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 151, MCS3)



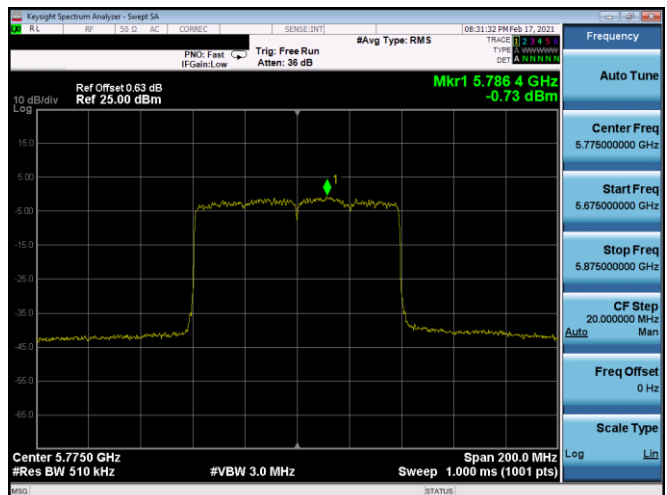
Plot 7-296. PSD Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 157, MCS3)



Plot 7-299. PSD Antenna 5B (80MHz BW 802.11ac – Ch. 155, MCS3)

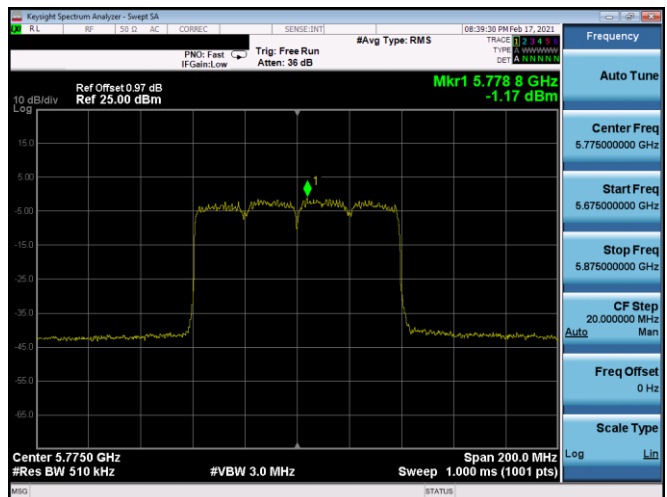
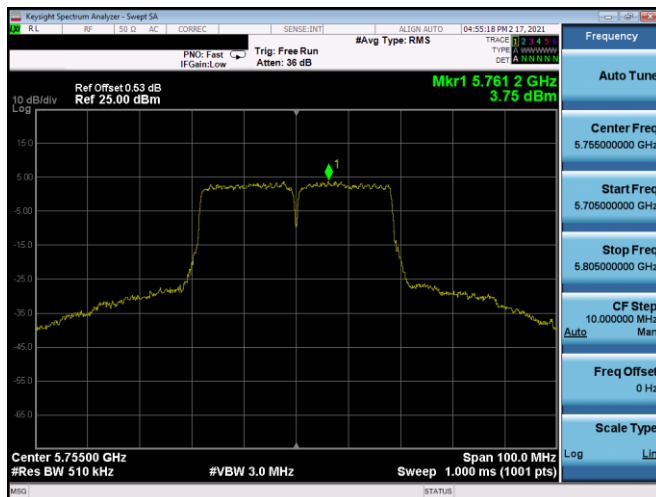
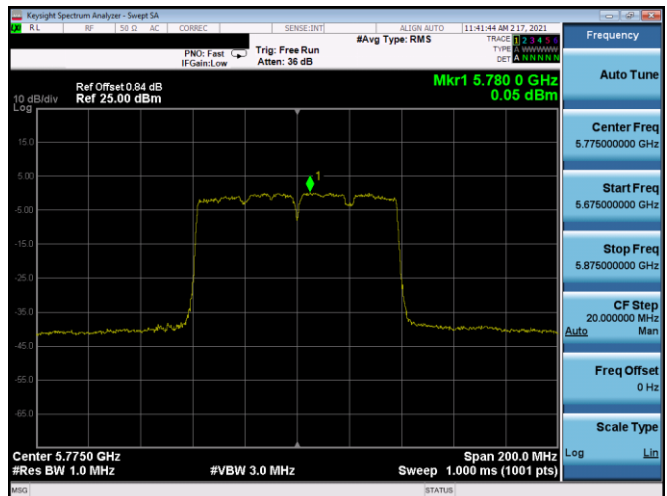
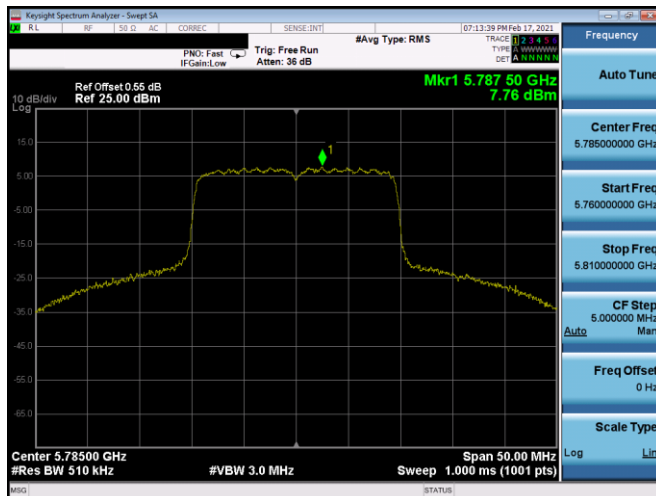
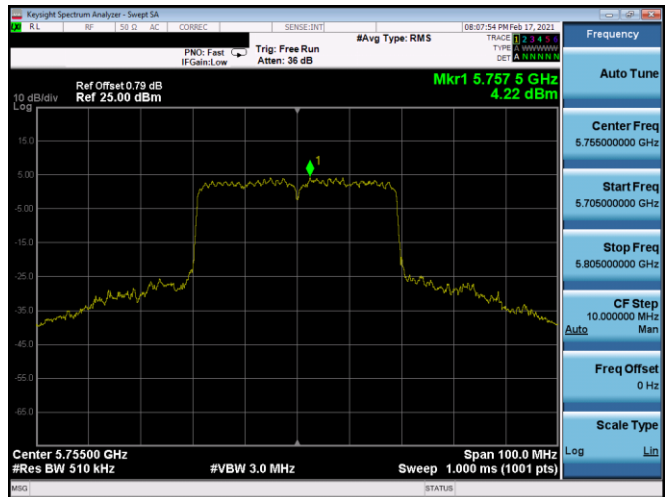
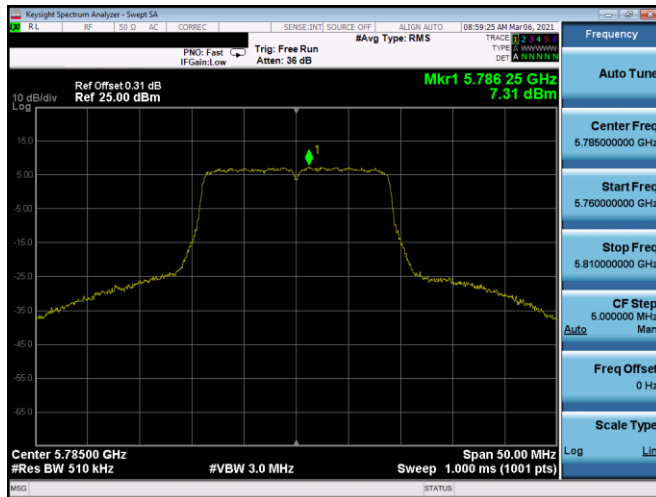


Plot 7-297. PSD Antenna 5B (40MHz BW 802.11n – Ch. 151, MCS3)



Plot 7-300. PSD Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 155, MCS3)

FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 120 of 349



FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 121 of 349

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	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)	6.5/7.2 (MCS0)	3.19	2.80	5.99	10.0	-4.01
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	3.27	2.80	6.07	10.0	-3.93
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	3.06	2.80	5.86	10.0	-4.14
	5180	36	ax-SU (20MHz)	8/8.6 (MCS0)	1.42	2.80	4.22	10.0	-5.78
	5200	40	ax-SU (20MHz)	8/8.6 (MCS0)	1.51	2.80	4.31	10.0	-5.69
	5240	48	ax-SU (20MHz)	8/8.6 (MCS0)	1.72	2.80	4.52	10.0	-5.48
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.46	2.80	4.26	10.0	-5.74
	5230	46	n (40MHz)	13.5/15 (MCS0)	3.60	2.80	6.40	10.0	-3.60
	5190	38	ax-SU (40MHz)	16/17.2 (MCS0)	0.04	2.80	2.84	10.0	-7.16
	5230	46	ax-SU (40MHz)	16/17.2 (MCS0)	2.37	2.80	5.17	10.0	-4.83
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-0.69	2.80	2.11	10.0	-7.89
	5210	42	ax-SU (80MHz)	34/36.0 (MCS0)	-6.02	2.80	-3.22	10.0	-13.22

Table 7-107. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5B (Low Data Rate)

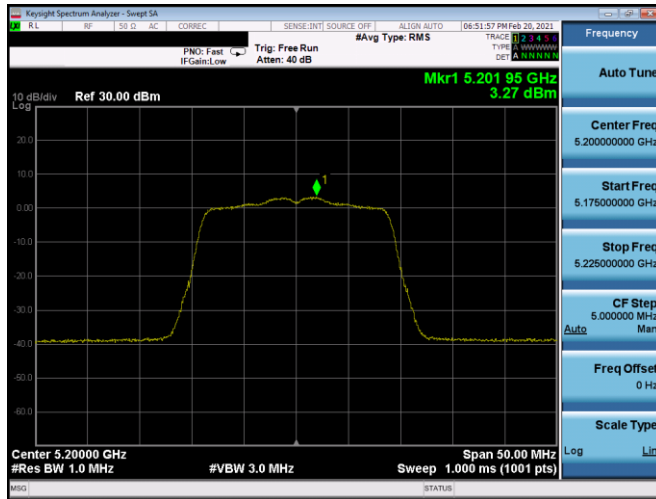
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	26/28.9 (MCS3)	3.70	2.80	6.50	10.0	-3.50
	5200	40	n (20MHz)	26/28.9 (MCS3)	3.87	2.80	6.67	10.0	-3.33
	5240	48	n (20MHz)	26/28.9 (MCS3)	3.60	2.80	6.40	10.0	-3.60
	5180	36	ax-SU (20MHz)	33/34.4 (MCS3)	2.05	2.80	4.85	10.0	-5.15
	5200	40	ax-SU (20MHz)	33/34.4 (MCS3)	2.21	2.80	5.01	10.0	-4.99
	5240	48	ax-SU (20MHz)	33/34.4 (MCS3)	2.25	2.80	5.05	10.0	-4.95
	5190	38	n (40MHz)	54/60 (MCS3)	1.17	2.80	3.97	10.0	-6.03
	5230	46	n (40MHz)	54/60 (MCS3)	3.55	2.80	6.35	10.0	-3.65
	5190	38	ax-SU (40MHz)	65/68.8 (MCS3)	-0.78	2.80	2.03	10.0	-7.98
	5230	46	ax-SU (40MHz)	65/68.8 (MCS3)	2.11	2.80	4.91	10.0	-5.09
	5210	42	ac (80MHz)	117/130 (MCS3)	-1.93	2.80	0.88	10.0	-9.13
	5210	42	ax-SU (80MHz)	136/144.1 (MCS3)	-6.41	2.80	-3.61	10.0	-13.61

Table 7-108. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5B (Mid Data Rate)

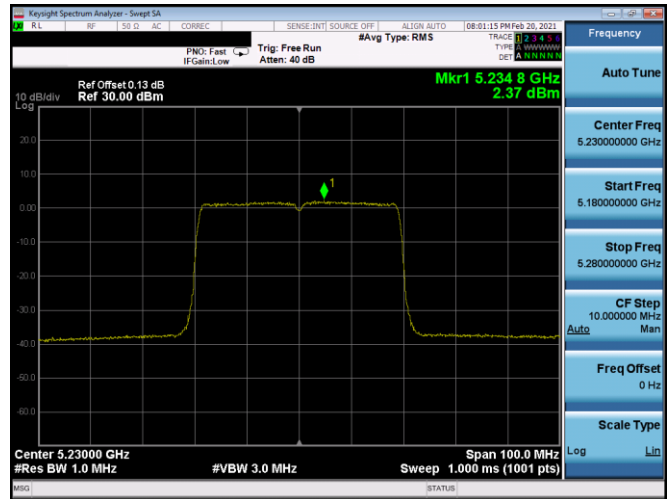
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	52/57.8 (MCS5)	2.57	2.80	5.37	10.0	-4.63
	5200	40	n (20MHz)	52/57.8 (MCS5)	2.66	2.80	5.46	10.0	-4.54
	5240	48	n (20MHz)	52/57.8 (MCS5)	2.65	2.80	5.45	10.0	-4.55
	5180	36	ax-SU (20MHz)	135/143.4 (MCS11)	2.48	2.80	5.28	10.0	-4.72
	5200	40	ax-SU (20MHz)	135/143.4 (MCS11)	2.76	2.80	5.56	10.0	-4.44
	5240	48	ax-SU (20MHz)	135/143.4 (MCS11)	2.66	2.80	5.46	10.0	-4.54
	5190	38	n (40MHz)	108/120 (MCS5)	0.38	2.80	3.18	10.0	-6.82
	5230	46	n (40MHz)	108/120 (MCS5)	2.17	2.80	4.97	10.0	-5.03
	5190	38	ax-SU (40MHz)	271/286.8 (MCS11)	-1.79	2.80	1.01	10.0	-8.99
	5230	46	ax-SU (40MHz)	271/286.8 (MCS11)	2.39	2.80	5.19	10.0	-4.81
	5210	42	ac (80MHz)	234/260 (MCS5)	-4.02	2.80	-1.22	10.0	-11.22
	5210	42	ax-SU (80MHz)	567/600.5 (MCS11)	-5.11	2.80	-2.31	10.0	-12.31

Table 7-109. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5B (High Data Rate)

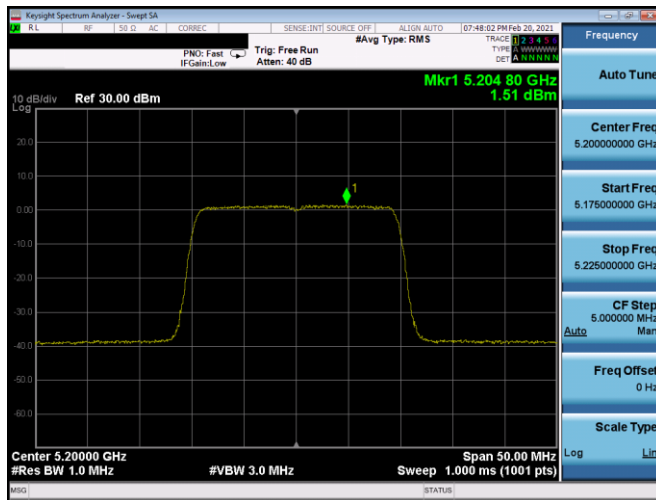
FCC ID: BCGA2378 IC: 579C-A2378	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 122 of 349



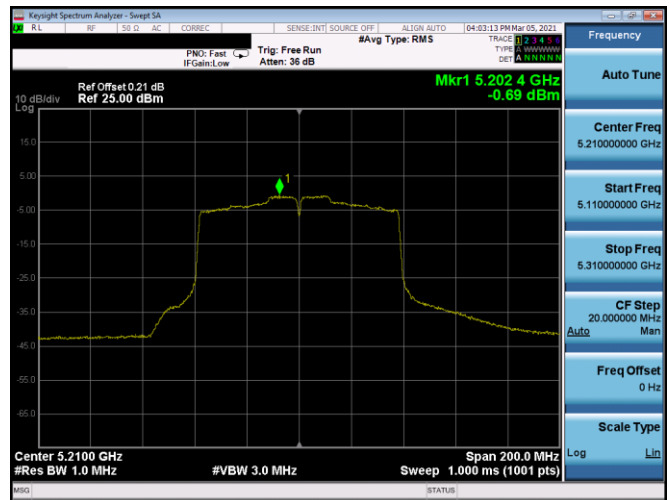
Plot 7-307. ISED PSD Antenna 5B (20MHz BW 11n – Ch.40, MCS0)



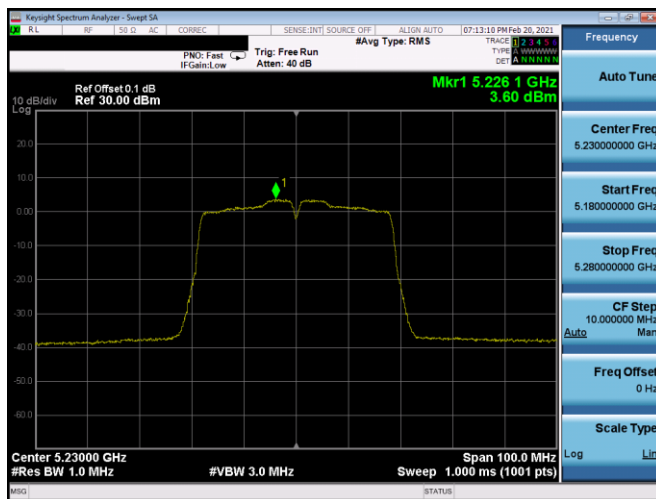
Plot 7-310. ISED PSD Antenna 5B (40MHz BW 11ax(SU) – Ch.46, MCS0)



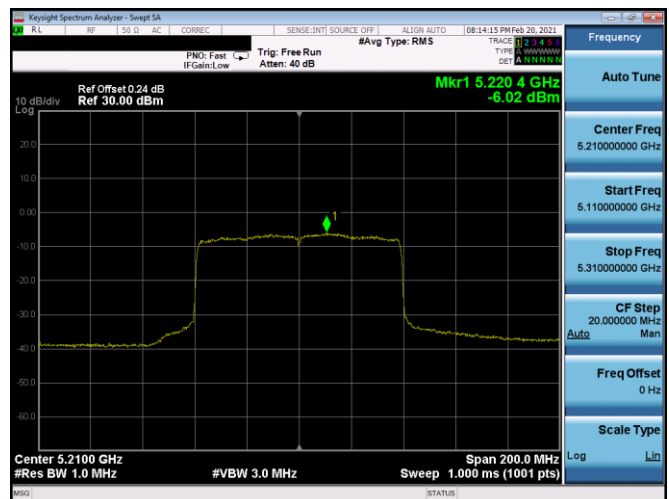
Plot 7-308. ISED PSD Antenna 5B (20MHz BW 11ax(SU) – Ch.40, MCS0)



Plot 7-311. ISED PSD Antenna 5B (80MHz BW 11ac – Ch.42, MCS0)

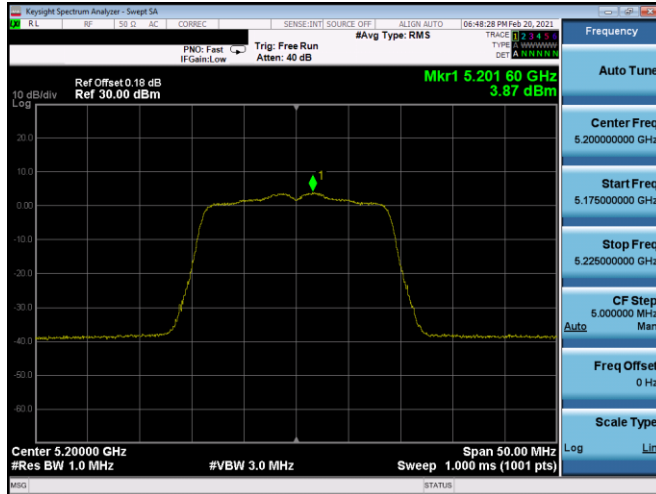


Plot 7-309. ISED PSD Antenna 5B (40MHz BW 11n – Ch.46, MCS0)

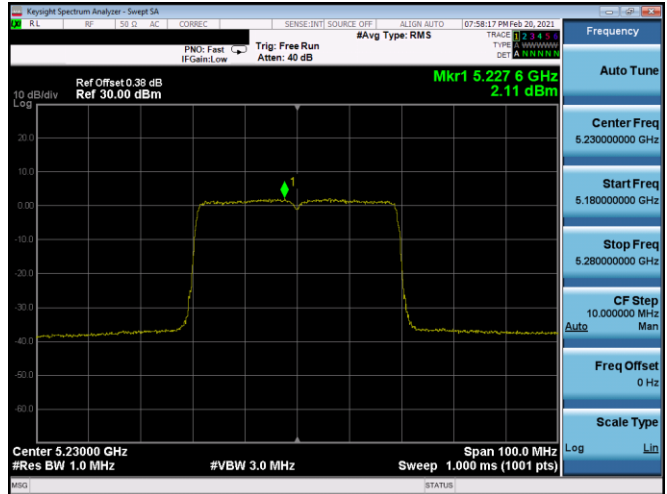


Plot 7-312. ISED PSD Antenna 5B (80MHz BW 11ax (SU) – Ch.42, MCS0)

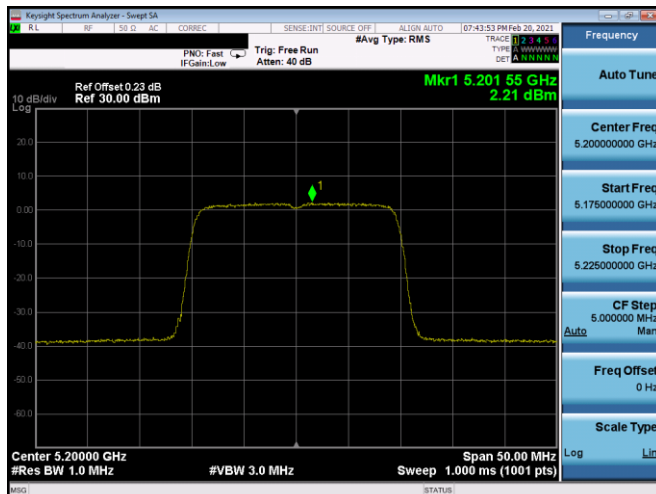
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021		Page 123 of 349



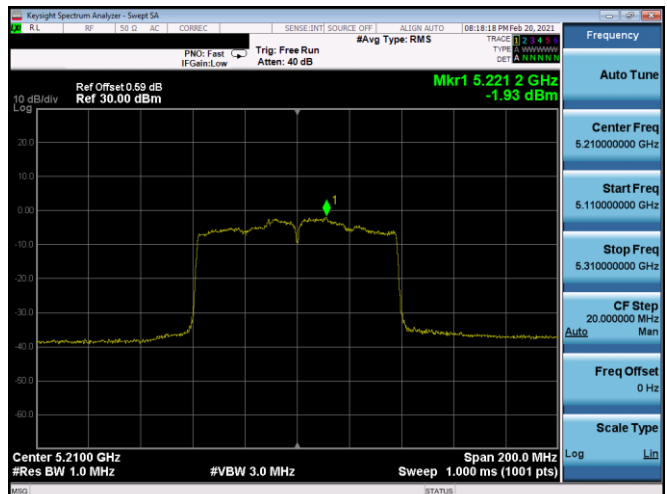
Plot 7-313. ISSED PSD Antenna 5B (20MHz BW 11n – Ch.40, MCS3)



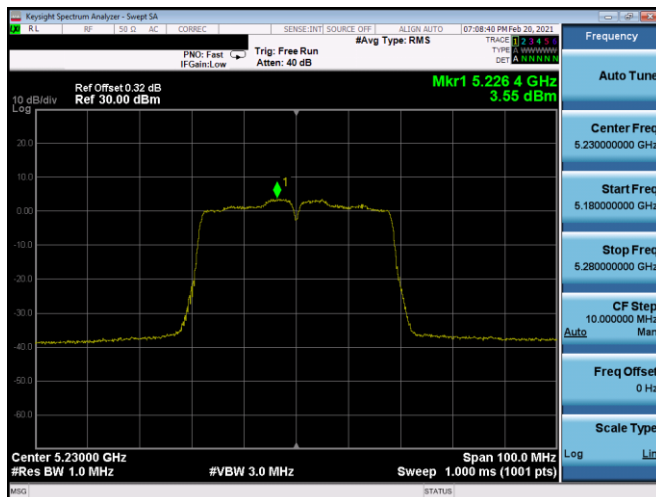
Plot 7-316. ISSED PSD Antenna 5B (40MHz BW 11ax(SU) – Ch.46, MCS3)



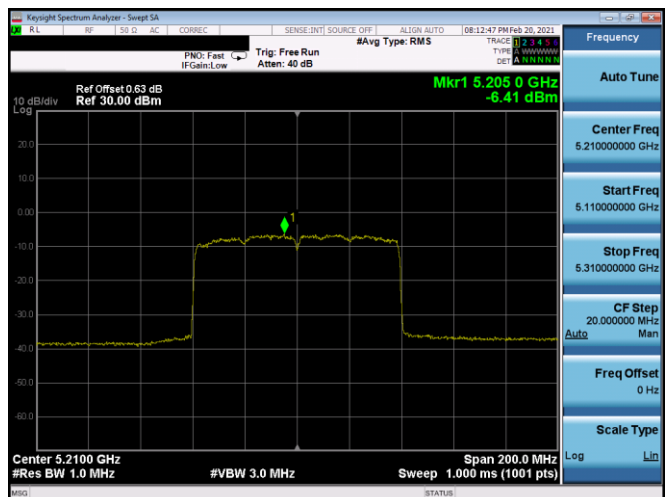
Plot 7-314. ISSED PSD Antenna 5B (20MHz BW 11ax(SU) – Ch.40, MCS3)



Plot 7-317. ISSED PSD Antenna 5B (80MHz BW 11ac – Ch.42, MCS3)

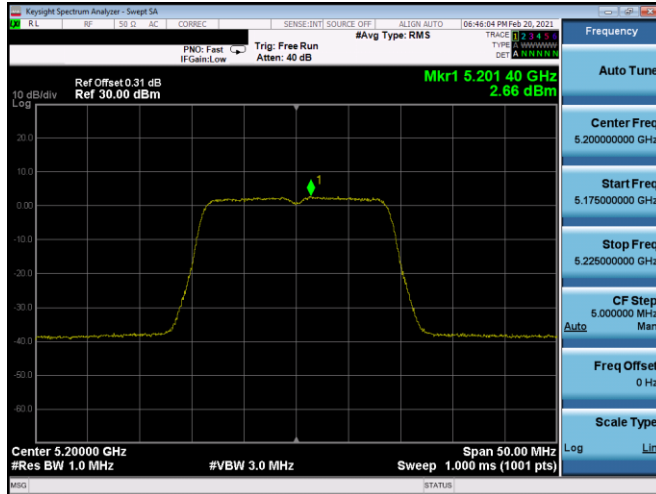


Plot 7-315. ISSED PSD Antenna 5B (40MHz BW 11n – Ch.46, MCS3)

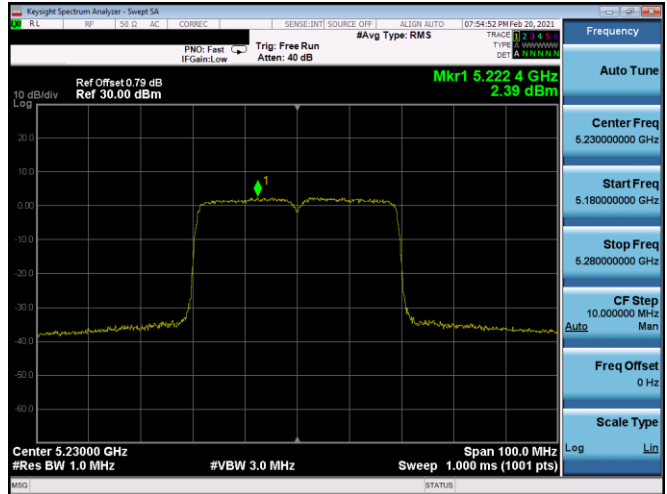


Plot 7-318. ISSED PSD Antenna 5B (80MHz BW 11ax(SU) – Ch.42, MCS3)

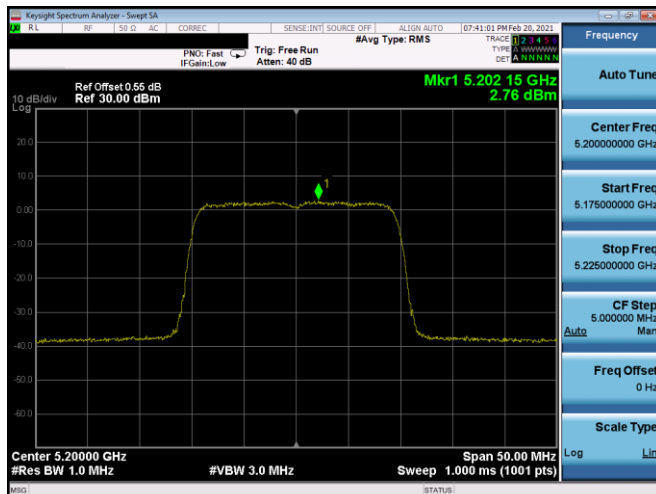
FCC ID: BCGA2378 IC: 579C-A2378			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device		Page 124 of 349



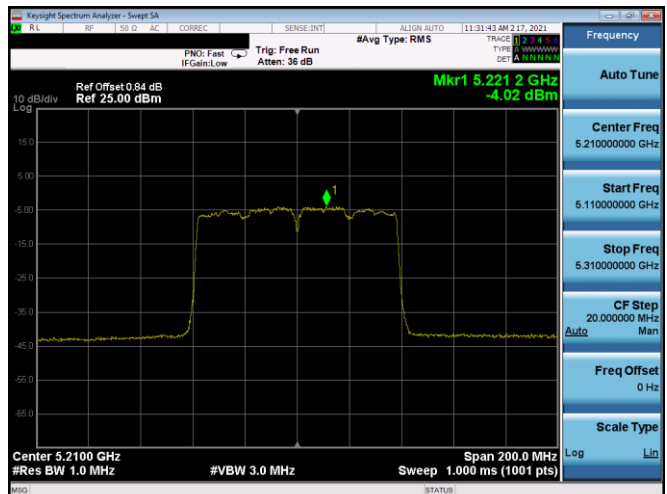
Plot 7-319. ISED PSD Antenna 5B (20MHz BW 11n – Ch.40, MCS5)



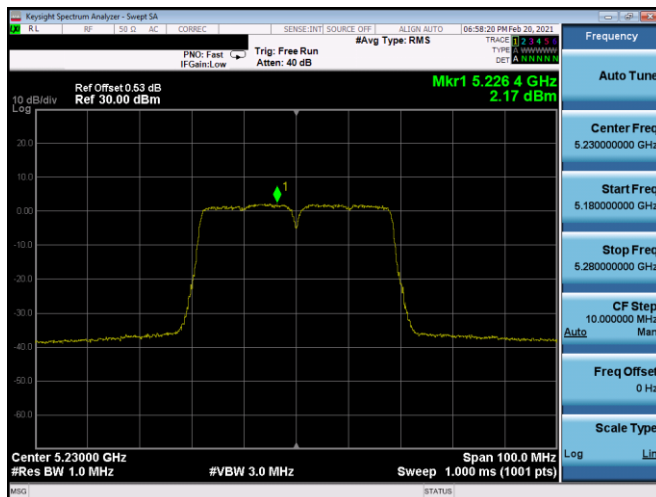
Plot 7-322. ISED PSD Antenna 5B (40MHz BW 11ax(SU) – Ch.46, MCS11)



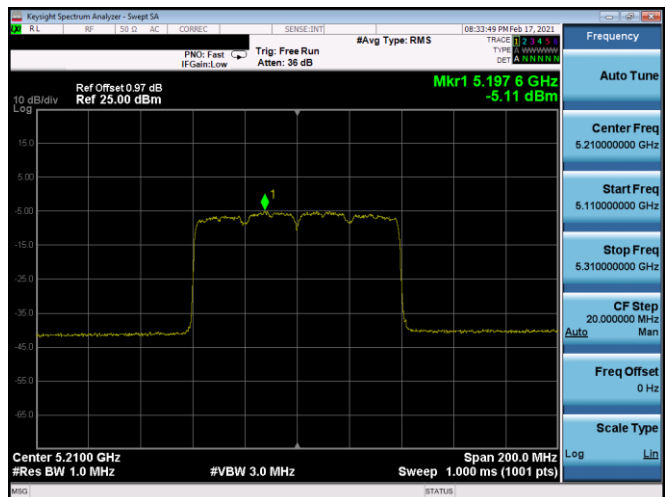
Plot 7-320. ISED PSD Antenna 5B (20MHz BW 11ax(SU) – Ch.40, MCS11)



Plot 7-323. ISED PSD Antenna 5B (80MHz BW 11ac – Ch.42, MCS5)



Plot 7-321. ISED PSD Antenna 5B (40MHz BW 11n – Ch.46, MCS5)



Plot 7-324. ISED PSD Antenna 5B (80MHz BW 11ax(SU) – Ch.42, MCS11)

FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 125 of 349

7.5.3 Summed CDD/SDM Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 5B Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	SDM	13/14.4 (MCS8)	5.27	5.35	8.32	11.0	-2.68
	5200	40	n (20MHz)	SDM	13/14.4 (MCS8)	4.42	5.62	8.07	11.0	-2.93
	5240	48	n (20MHz)	SDM	13/14.4 (MCS8)	5.13	5.17	8.16	11.0	-2.84
	5180	36	ax-SU (20MHz)	SDM	16/17.2 (MCS0)	2.70	3.73	6.26	11.0	-4.74
	5200	40	ax-SU (20MHz)	SDM	16/17.2 (MCS0)	3.89	4.75	7.35	11.0	-3.65
	5240	48	ax-SU (20MHz)	SDM	16/17.2 (MCS0)	5.03	4.86	7.96	11.0	-3.04
	5190	38	n (40MHz)	CDD	27/30 (MCS8)	-0.31	-0.09	2.81	10.7	-7.86
	5230	46	n (40MHz)	SDM	27/30 (MCS8)	6.75	7.22	10.00	11.0	-1.00
	5190	38	ax-SU (40MHz)	CDD	32/34.4 (MCS0)	-1.75	-1.77	1.25	10.7	-9.43
	5230	46	ax-SU (40MHz)	SDM	32/34.4 (MCS0)	5.02	5.80	8.44	11.0	-2.56
Band 2A	5210	42	ac (80MHz)	CDD	58.5/65 (MCS0)	-1.84	-1.59	1.30	10.7	-9.38
	5210	42	ax-SU (80MHz)	CDD	68/72.1 (MCS0)	-6.27	-6.27	-3.26	10.7	-13.94
	5260	52	n (20MHz)	SDM	13/14.4 (MCS8)	5.01	5.22	8.13	11.0	-2.87
	5280	56	n (20MHz)	SDM	13/14.4 (MCS8)	5.56	5.02	8.31	11.0	-2.69
	5320	64	n (20MHz)	SDM	13/14.4 (MCS8)	5.41	5.10	8.27	11.0	-2.73
	5260	52	ax-SU (20MHz)	SDM	16/17.2 (MCS0)	3.73	4.77	7.29	11.0	-3.71
	5280	56	ax-SU (20MHz)	SDM	16/17.2 (MCS0)	3.77	4.90	7.38	11.0	-3.62
	5320	64	ax-SU (20MHz)	SDM	16/17.2 (MCS0)	3.69	4.57	7.16	11.0	-3.84
	5270	54	n (40MHz)	SDM	27/30 (MCS8)	7.01	6.82	9.93	11.0	-1.07
	5310	62	n (40MHz)	CDD	27/30 (MCS8)	-0.65	-0.10	2.64	10.6	-7.99
Band 2C	5270	54	ax-SU (40MHz)	SDM	32/34.4 (MCS0)	5.37	5.21	8.30	11.0	-2.70
	5310	62	ax-SU (40MHz)	CDD	32/34.4 (MCS0)	-2.06	-2.26	0.85	10.6	-9.78
	5290	58	ac (80MHz)	CDD	58.5/65 (MCS0)	-1.88	-1.39	1.38	10.6	-9.25
	5290	58	ax-SU (80MHz)	CDD	68/72.1 (MCS0)	-6.73	-6.13	-3.41	10.6	-14.05
	5500	100	n (20MHz)	SDM	13/14.4 (MCS8)	5.66	5.84	8.76	11.0	-2.24
	5580	116	n (20MHz)	SDM	13/14.4 (MCS8)	6.26	6.08	9.18	11.0	-1.82
	5720	144	n (20MHz)	SDM	13/14.4 (MCS8)	7.10	7.25	10.19	11.0	-0.81
	5500	100	ax-SU (20MHz)	SDM	16/17.2 (MCS0)	3.84	4.59	7.24	11.0	-3.76
	5580	116	ax-SU (20MHz)	SDM	16/17.2 (MCS0)	4.28	5.14	7.74	11.0	-3.26
	5720	144	ax-SU (20MHz)	SDM	16/17.2 (MCS0)	4.73	5.87	8.35	11.0	-2.65
	5510	102	n (40MHz)	CDD	27/30 (MCS8)	-0.64	-0.69	2.35	10.3	-7.99
	5550	110	n (40MHz)	SDM	27/30 (MCS8)	7.09	7.44	10.28	11.0	-0.72
	*5590	118	n (40MHz)	SDM	27/30 (MCS8)	7.03	7.28	10.17	11.0	-0.83
	5710	142	n (40MHz)	SDM	27/30 (MCS8)	7.25	7.18	10.23	11.0	-0.77
	5510	102	ax-SU (40MHz)	CDD	32/34.4 (MCS0)	-2.65	-2.64	0.37	10.3	-9.97
	5550	110	ax-SU (40MHz)	SDM	32/34.4 (MCS0)	4.22	4.26	7.25	11.0	-3.75
	*5590	118	ax-SU (40MHz)	SDM	32/34.4 (MCS0)	6.13	5.85	9.00	11.0	-2.00
	5710	142	ax-SU (40MHz)	SDM	32/34.4 (MCS0)	5.59	5.70	8.66	11.0	-2.34
	5530	106	ac (80MHz)	CDD	58.5/65 (MCS0)	-2.78	-2.74	0.25	10.3	-10.08
	*5610	122	ac (80MHz)	CDD	58.5/65 (MCS0)	3.05	3.48	6.28	10.3	-4.05
	5690	138	ac (80MHz)	SDM	58.5/65 (MCS0)	2.11	2.14	5.14	11.0	-5.86
	5530	106	ax-SU (80MHz)	CDD	68/72.1 (MCS0)	-5.73	-5.11	-2.40	10.3	-12.73
	*5610	122	ax-SU (80MHz)	CDD	68/72.1 (MCS0)	-0.97	-0.62	2.22	10.3	-8.11
	5690	138	ax-SU (80MHz)	SDM	68/72.1 (MCS0)	3.13	3.31	6.23	11.0	-4.77

Table 7-110. Bands 1, 2A, 2C CDD/SDM Power Spectral Density Measurements (Low Data Rate)

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

FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 126 of 349

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 5B Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	SDM	52/57.8 (MCS11)	4.37	5.26	7.85	11.0	-3.15
	5200	40	n (20MHz)	SDM	52/57.8 (MCS11)	4.75	5.82	8.33	11.0	-2.67
	5240	48	n (20MHz)	SDM	52/57.8 (MCS11)	4.63	5.70	8.21	11.0	-2.79
	5180	36	ax-SU (20MHz)	SDM	66/68.8 (MCS3)	3.34	4.54	6.99	11.0	-4.01
	5200	40	ax-SU (20MHz)	SDM	66/68.8 (MCS3)	4.63	5.31	7.99	11.0	-3.01
	5240	48	ax-SU (20MHz)	SDM	66/68.8 (MCS3)	4.33	5.53	7.98	11.0	-3.02
	5190	38	n (40MHz)	CDD	108/120 (MCS11)	-0.04	0.35	3.17	10.7	-7.51
	5230	46	n (40MHz)	SDM	108/120 (MCS11)	6.78	6.95	9.88	11.0	-1.12
	5190	38	ax-SU (40MHz)	CDD	130/137.6 (MCS3)	-1.62	-1.85	1.28	10.7	-9.40
	5230	46	ax-SU (40MHz)	SDM	130/137.6 (MCS3)	4.86	5.08	7.98	11.0	-3.02
Band 2A	5210	42	ac (80MHz)	CDD	234/260 (MCS3)	-1.41	-1.62	1.50	10.7	-9.18
	5210	42	ax-SU (80MHz)	CDD	272/288.2 (MCS3)	-5.69	-5.66	-2.66	10.7	-13.34
	5260	52	n (20MHz)	SDM	52/57.8 (MCS11)	5.01	5.88	8.48	11.0	-2.52
	5280	56	n (20MHz)	SDM	52/57.8 (MCS11)	4.68	5.95	8.37	11.0	-2.63
	5320	64	n (20MHz)	SDM	52/57.8 (MCS11)	5.41	5.51	8.47	11.0	-2.53
	5260	52	ax-SU (20MHz)	SDM	66/68.8 (MCS3)	4.36	5.36	7.90	11.0	-3.10
	5280	56	ax-SU (20MHz)	SDM	66/68.8 (MCS3)	5.60	5.70	8.66	11.0	-2.34
	5320	64	ax-SU (20MHz)	SDM	66/68.8 (MCS3)	4.52	5.27	7.92	11.0	-3.08
	5270	54	n (40MHz)	SDM	108/120 (MCS11)	7.18	7.24	10.22	11.0	-0.78
	5310	62	n (40MHz)	CDD	108/120 (MCS11)	-0.36	-0.39	2.64	10.6	-8.00
	5270	54	ax-SU (40MHz)	SDM	130/137.6 (MCS3)	4.69	5.52	8.14	11.0	-2.86
	5310	62	ax-SU (40MHz)	CDD	130/137.6 (MCS3)	-2.31	-1.97	0.87	10.6	-9.76
	5290	58	ac (80MHz)	CDD	234/260 (MCS3)	-2.75	-2.67	0.30	10.6	-10.34
	5290	58	ax-SU (80MHz)	CDD	272/288.2 (MCS3)	-5.10	-5.74	-2.40	10.6	-13.03
	5500	100	n (20MHz)	SDM	52/57.8 (MCS11)	5.42	6.37	8.93	11.0	-2.07
Band 2C	5580	116	n (20MHz)	SDM	52/57.8 (MCS11)	7.54	7.33	10.45	11.0	-0.55
	5720	144	n (20MHz)	SDM	52/57.8 (MCS11)	5.97	6.57	9.29	11.0	-1.71
	5500	100	ax-SU (20MHz)	SDM	66/68.8 (MCS3)	4.17	4.67	7.44	11.0	-3.56
	5580	116	ax-SU (20MHz)	SDM	66/68.8 (MCS3)	4.91	5.74	8.36	11.0	-2.64
	5720	144	ax-SU (20MHz)	SDM	66/68.8 (MCS3)	5.44	6.16	8.83	11.0	-2.17
	5510	102	n (40MHz)	CDD	108/120 (MCS11)	-0.75	-0.73	2.27	10.3	-8.06
	5550	110	n (40MHz)	SDM	108/120 (MCS11)	7.23	6.87	10.06	11.0	-0.94
	*5590	118	n (40MHz)	SDM	108/120 (MCS11)	7.19	7.34	10.28	11.0	-0.72
	5710	142	n (40MHz)	SDM	108/120 (MCS11)	6.89	7.30	10.11	11.0	-0.89
	5510	102	ax-SU (40MHz)	CDD	130/137.6 (MCS3)	-2.41	-2.68	0.47	10.3	-9.87
	5550	110	ax-SU (40MHz)	CDD	130/137.6 (MCS3)	3.89	3.64	6.78	10.3	-3.56
	*5590	118	ax-SU (40MHz)	SDM	130/137.6 (MCS3)	6.76	6.28	9.54	11.0	-1.46
	5710	142	ax-SU (40MHz)	SDM	130/137.6 (MCS3)	5.99	5.78	8.90	11.0	-2.10
	5530	106	ac (80MHz)	CDD	234/260 (MCS3)	-2.81	-2.24	0.49	10.3	-9.84
	*5610	122	ac (80MHz)	CDD	234/260 (MCS3)	3.58	3.50	6.55	10.3	-3.78
	5690	138	ac (80MHz)	SDM	234/260 (MCS3)	2.90	2.82	5.87	11.0	-5.13
	5530	106	ax-SU (80MHz)	CDD	272/288.2 (MCS3)	-5.61	-5.77	-2.68	10.3	-13.01
	*5610	122	ax-SU (80MHz)	CDD	272/288.2 (MCS3)	-0.19	-0.36	2.74	10.3	-7.60
	5690	138	ax-SU (80MHz)	SDM	272/288.2 (MCS3)	3.82	3.86	6.85	11.0	-4.15

Table 7-111. 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)

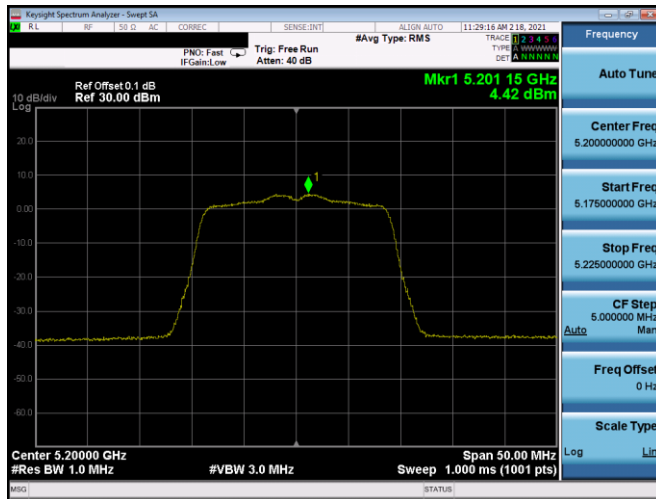
FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 127 of 349

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 5B 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)	2.97	2.83	5.91	10.7	-4.76
	5200	40	n (20MHz)	SDM	104/115.6 (MCS13)	4.67	4.66	7.68	11.0	-3.32
	5240	48	n (20MHz)	SDM	104/115.6 (MCS13)	4.55	4.63	7.60	11.0	-3.40
	5180	36	ax-SU (20MHz)	CDD	270/286.8 (MCS11)	2.81	3.77	6.33	10.7	-4.35
	5200	40	ax-SU (20MHz)	SDM	270/286.8 (MCS11)	5.07	5.88	8.50	11.0	-2.50
	5240	48	ax-SU (20MHz)	SDM	270/286.8 (MCS11)	4.69	5.76	8.27	11.0	-2.73
	5190	38	n (40MHz)	CDD	216/240 (MCS13)	-1.94	-2.21	0.94	10.7	-9.74
	5230	46	n (40MHz)	SDM	216/240 (MCS13)	4.77	5.38	8.10	11.0	-2.90
	5190	38	ax-SU (40MHz)	CDD	542/573.5 (MCS11)	-1.90	-2.13	1.00	10.7	-9.68
	5230	46	ax-SU (40MHz)	CDD	542/573.5 (MCS11)	4.30	4.12	7.22	10.7	-3.45
	5210	42	ac (80MHz)	CDD	468/520 (MCS5)	-4.10	-4.04	-1.06	10.7	-11.73
Band 2A	5210	42	ax-SU (80MHz)	CDD	1134/1201 (MCS11)	-5.44	-5.67	-2.54	10.7	-13.22
	5260	52	n (20MHz)	SDM	104/115.6 (MCS13)	5.96	6.03	9.01	11.0	-1.99
	5280	56	n (20MHz)	SDM	104/115.6 (MCS13)	4.65	4.65	7.66	11.0	-3.34
	5320	64	n (20MHz)	SDM	104/115.6 (MCS13)	4.44	4.22	7.34	11.0	-3.66
	5260	52	ax-SU (20MHz)	SDM	270/286.8 (MCS11)	4.57	5.69	8.18	11.0	-2.82
	5280	56	ax-SU (20MHz)	SDM	270/286.8 (MCS11)	5.66	5.63	8.66	11.0	-2.34
	5320	64	ax-SU (20MHz)	SDM	270/286.8 (MCS11)	4.21	4.92	7.59	11.0	-3.41
	5270	54	n (40MHz)	SDM	216/240 (MCS13)	5.02	5.19	8.12	11.0	-2.88
	5310	62	n (40MHz)	CDD	216/240 (MCS13)	-2.07	-1.88	1.04	10.6	-9.60
	5270	54	ax-SU (40MHz)	SDM	542/573.5 (MCS11)	4.60	4.70	7.66	11.0	-3.34
	5310	62	ax-SU (40MHz)	CDD	542/573.5 (MCS11)	-2.42	-2.76	0.42	10.6	-10.21
	5290	58	ac (80MHz)	CDD	468/520 (MCS5)	-4.66	-4.77	-1.70	10.6	-12.34
	5290	58	ax-SU (80MHz)	CDD	1134/1201 (MCS11)	-5.53	-5.46	-2.48	10.6	-13.12
	5500	100	n (20MHz)	CDD	104/115.6 (MCS13)	3.08	3.14	6.12	10.3	-4.21
	5580	116	n (20MHz)	SDM	104/115.6 (MCS13)	5.32	5.33	8.34	11.0	-2.66
Band 2C	5720	144	n (20MHz)	SDM	104/115.6 (MCS13)	5.62	5.65	8.65	11.0	-2.35
	5500	100	ax-SU (20MHz)	CDD	270/286.8 (MCS11)	3.12	3.64	6.40	10.3	-3.93
	5580	116	ax-SU (20MHz)	SDM	270/286.8 (MCS11)	5.14	6.13	8.67	11.0	-2.33
	5720	144	ax-SU (20MHz)	SDM	270/286.8 (MCS11)	5.74	6.38	9.08	11.0	-1.92
	5510	102	n (40MHz)	CDD	216/240 (MCS13)	-2.91	-2.50	0.31	10.3	-10.02
	5550	110	n (40MHz)	CDD	216/240 (MCS13)	4.86	4.49	7.69	10.3	-2.64
	*5590	118	n (40MHz)	SDM	216/240 (MCS13)	6.76	6.53	9.66	11.0	-1.34
	5710	142	n (40MHz)	SDM	216/240 (MCS13)	6.89	7.04	9.98	11.0	-1.02
	5510	102	ax-SU (40MHz)	CDD	542/573.5 (MCS11)	-3.08	-3.89	-0.46	10.3	-10.79
	5550	110	ax-SU (40MHz)	CDD	542/573.5 (MCS11)	4.26	3.27	6.80	10.3	-3.53
	*5590	118	ax-SU (40MHz)	SDM	542/573.5 (MCS11)	6.79	6.15	9.49	11.0	-1.51
	5710	142	ax-SU (40MHz)	SDM	542/573.5 (MCS11)	6.28	6.24	9.27	11.0	-1.73
	5530	106	ac (80MHz)	CDD	468/520 (MCS5)	-4.72	-4.36	-1.53	10.3	-11.86
	*5610	122	ac (80MHz)	CDD	468/520 (MCS5)	1.88	1.41	4.66	10.3	-5.67
	5690	138	ac (80MHz)	SDM	468/520 (MCS5)	4.28	4.69	7.50	11.0	-3.50
	5530	106	ax-SU (80MHz)	CDD	1134/1201 (MCS11)	-6.09	-5.65	-2.85	10.3	-13.19
	*5610	122	ax-SU (80MHz)	CDD	1134/1201 (MCS11)	-0.47	-0.92	2.32	10.3	-8.01
	5690	138	ax-SU (80MHz)	SDM	1134/1201 (MCS11)	4.06	3.98	7.03	11.0	-3.97

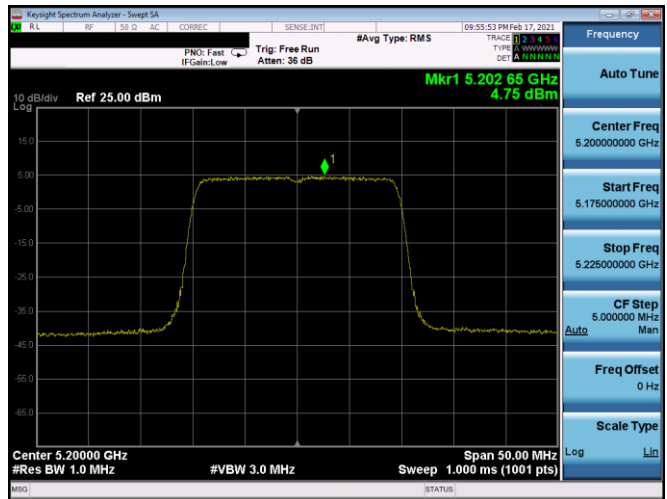
Table 7-112. Bands 1, 2A, 2C CDD/SDM Power Spectral Density Measurements (High Data Rate)

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

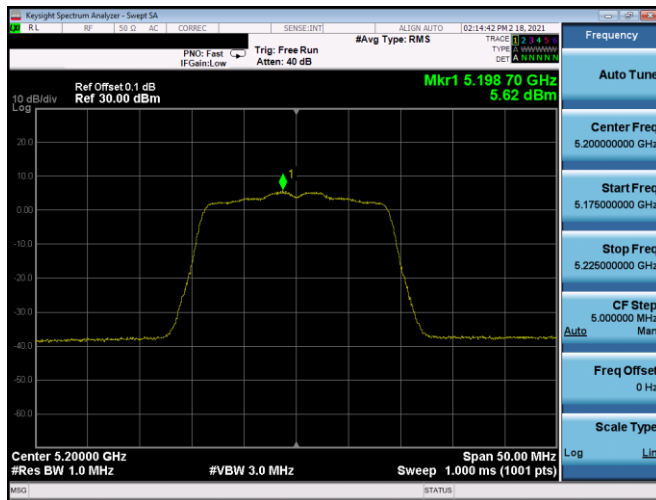
FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 128 of 349



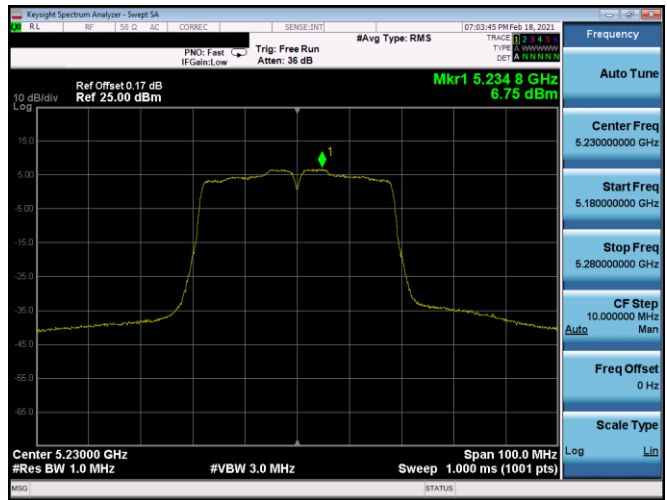
Plot 7-325. PSD SDM Antenna 5T (20MHz BW 802.11n – Ch. 40, MCS8)



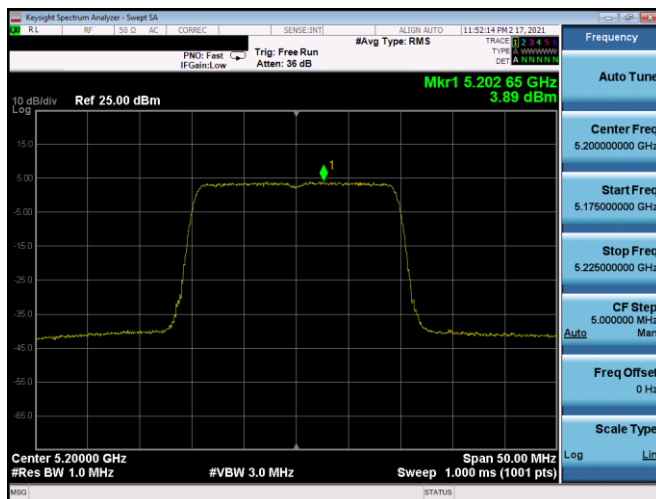
Plot 7-328. PSD SDM Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 40, MCS0)



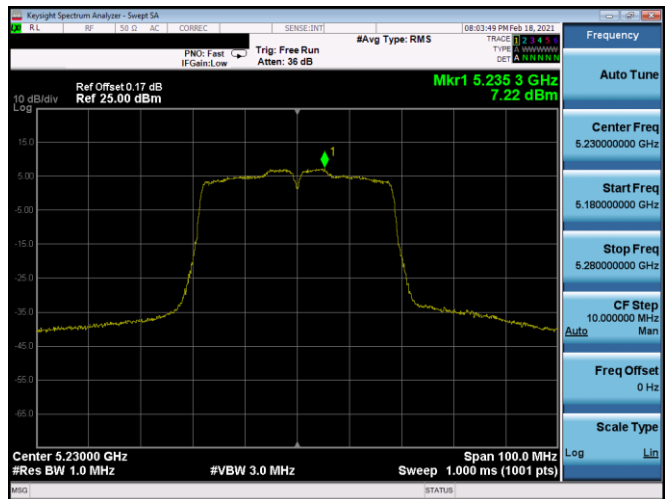
Plot 7-326. PSD SDM Antenna 5B (20MHz BW 802.11n – Ch. 40, MCS8)



Plot 7-329. PSD SDM Antenna 5T (40MHz BW 802.11n – Ch. 46, MCS8)



Plot 7-327. PSD SDM Antenna 5T (20MHz BW 802.11ax(SU) – Ch. 40, MCS0)



Plot 7-330. PSD SDM Antenna 5B (40MHz BW 802.11n – Ch. 46, MCS8)

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 129 of 349