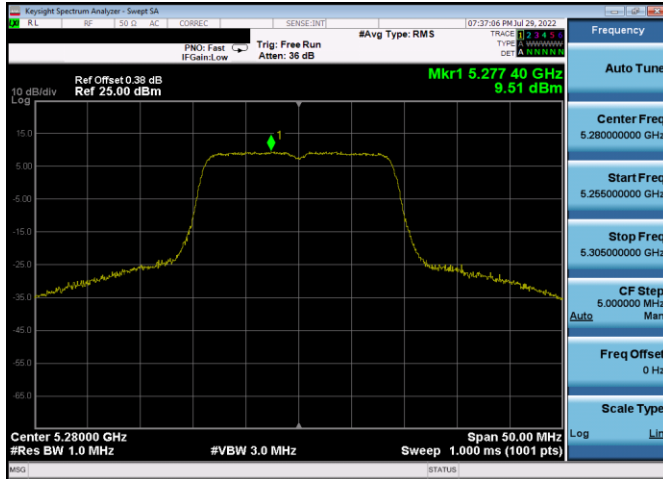
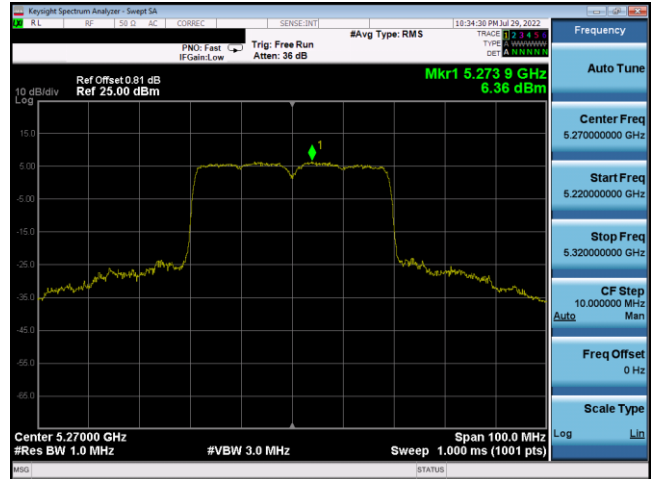
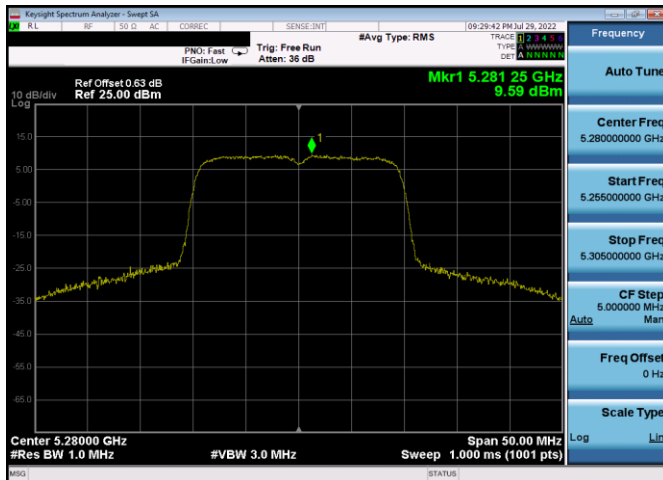




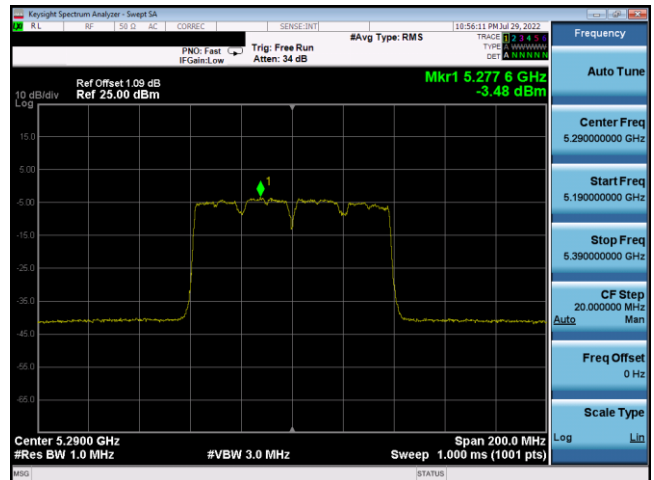
Plot 7-259. PSD Antenna 3c (20MHz BW 802.11n – Ch. 56, MCS7)



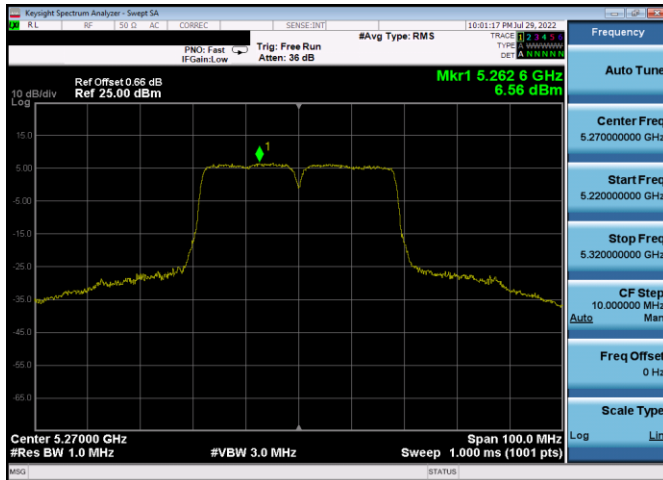
Plot 7-262. PSD Antenna 3c (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



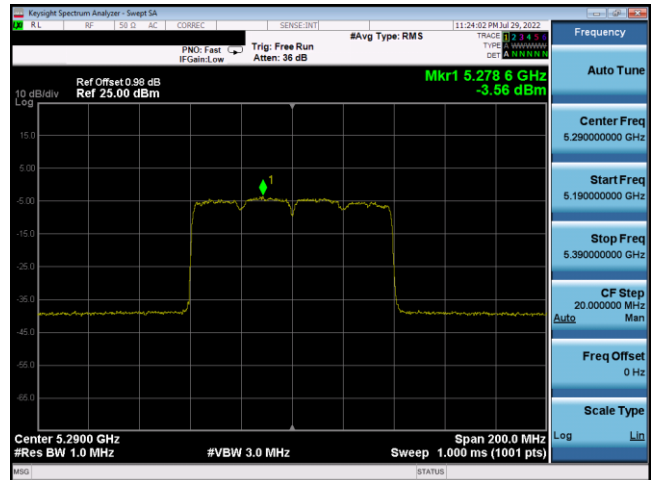
Plot 7-260. PSD Antenna 3c (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-263. PSD Antenna 3c (80MHz BW 802.11ac – Ch. 58, MCS9)

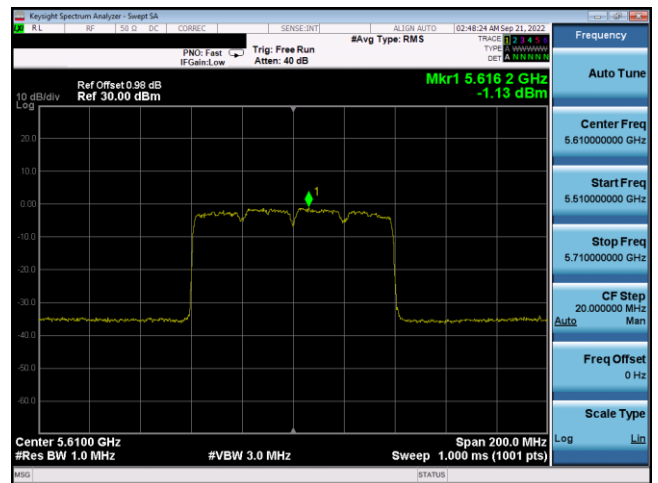
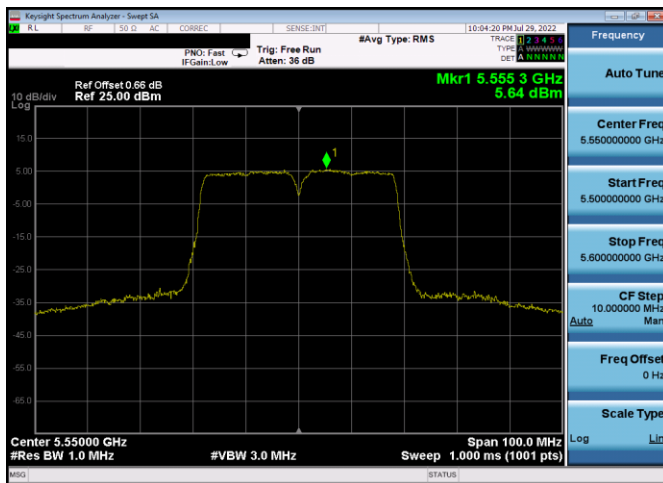
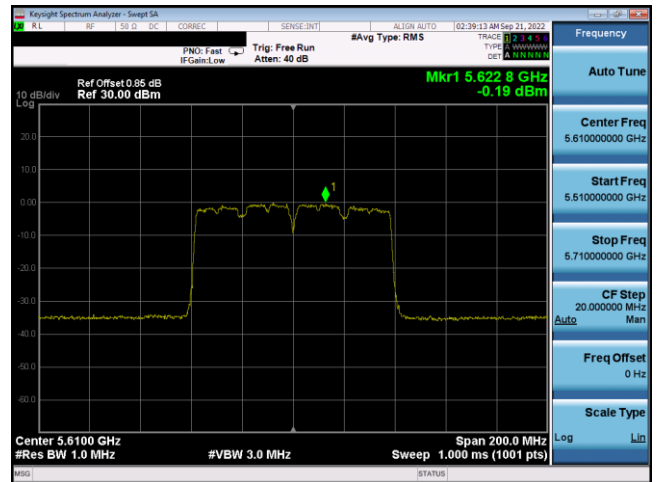
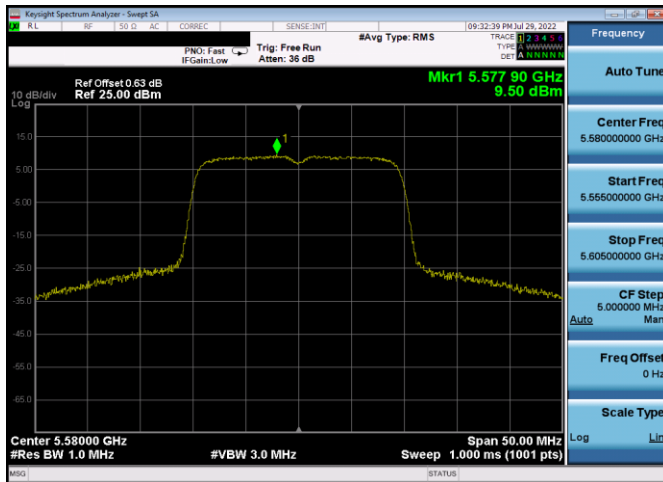
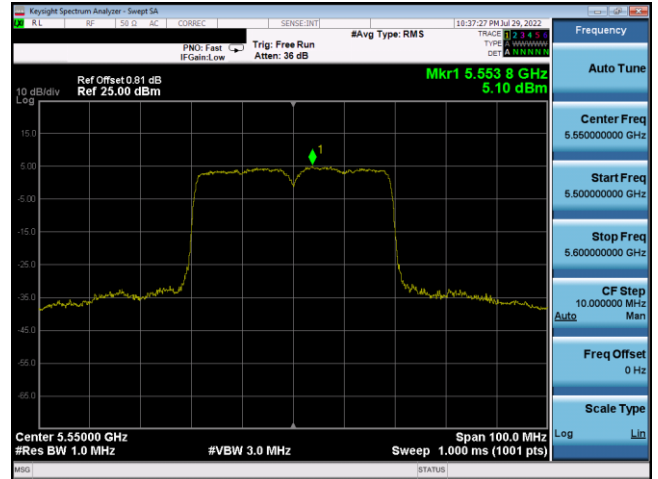
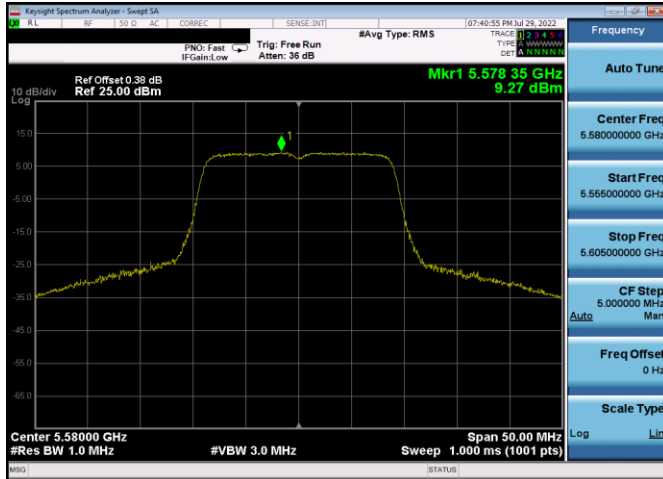


Plot 7-261. PSD Antenna 3c (40MHz BW 802.11n – Ch. 54, MCS7)



Plot 7-264. PSD Antenna 3c (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)

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FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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	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)	7.52	30.0	-22.48
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	7.47	30.0	-22.53
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	7.72	30.0	-22.28
	5745	149	ax (SU) (20MHz)	8/8.6 (MCS0)	6.96	30.0	-23.04
	5785	157	ax (SU) (20MHz)	8/8.6 (MCS0)	7.39	30.0	-22.61
	5825	165	ax (SU) (20MHz)	8/8.6 (MCS0)	7.56	30.0	-22.44
	5755	151	n (40MHz)	13.5/15 (MCS0)	3.79	30.0	-26.21
	5795	159	n (40MHz)	13.5/15 (MCS0)	4.06	30.0	-25.94
	5755	151	ax (SU) (40MHz)	16/17.2 (MCS0)	2.57	30.0	-27.43
	5795	159	ax (SU) (40MHz)	16/17.2 (MCS0)	2.51	30.0	-27.49
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	0.75	30.0	-29.25
	5775	155	ax (SU) (80MHz)	34/36 (MCS0)	-1.38	30.0	-31.38

Table 7-161. Band 3 Power Spectral Density Measurements Antenna 3c (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)	39/43.3 (MCS4)	7.83	30.0	-22.17
	5785	157	n (20MHz)	39/43.3 (MCS4)	7.98	30.0	-22.02
	5825	165	n (20MHz)	39/43.3 (MCS4)	8.32	30.0	-21.68
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	7.68	30.0	-22.32
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	7.87	30.0	-22.13
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	8.12	30.0	-21.88
	5755	151	n (40MHz)	81/90 (MCS4)	4.61	30.0	-25.39
	5795	159	n (40MHz)	81/90 (MCS4)	4.71	30.0	-25.29
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	3.55	30.0	-26.45
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	3.43	30.0	-26.57
	5775	155	ac (80MHz)	175.5/195 (MCS4)	0.66	30.0	-29.34
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-1.08	30.0	-31.08

Table 7-162. Band 3 Power Spectral Density Measurements Antenna 3c (Mid Data Rate)

FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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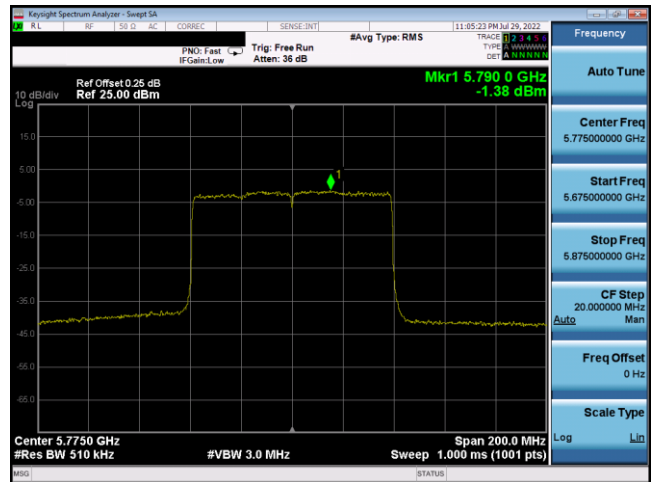
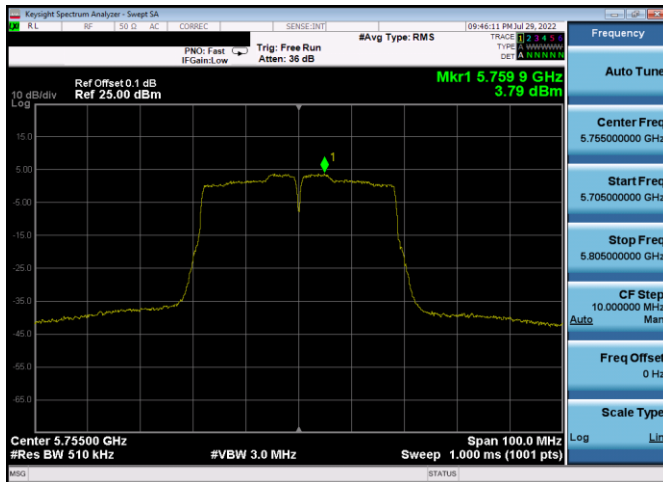
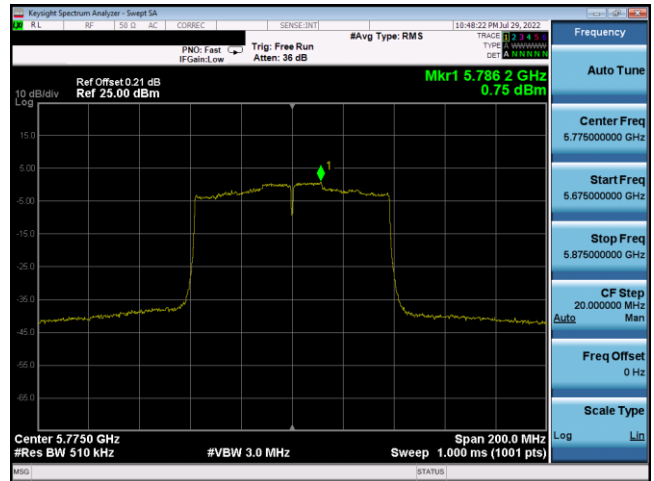
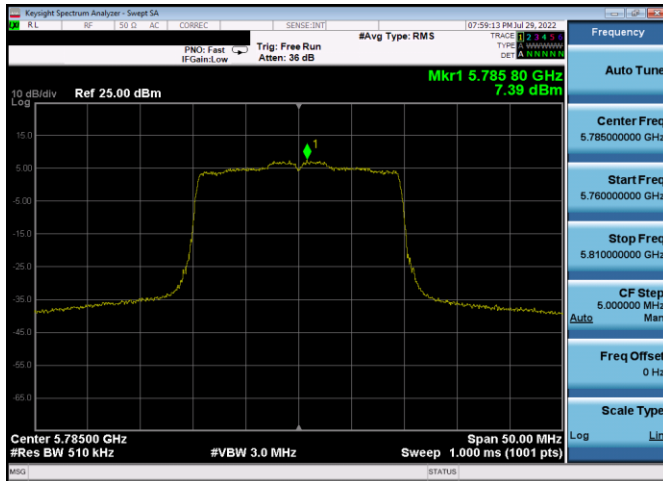
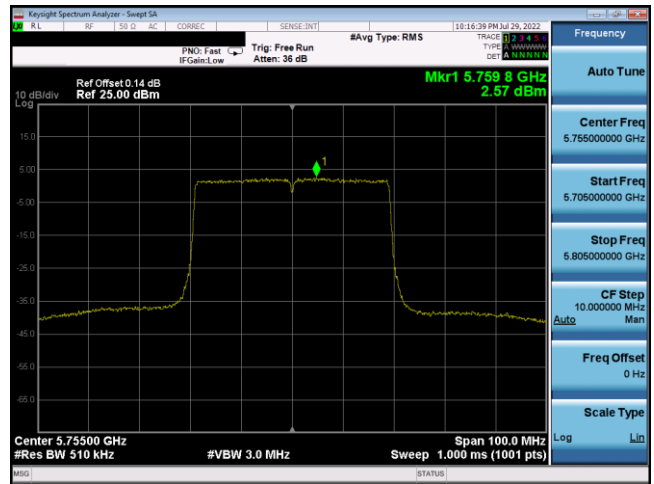
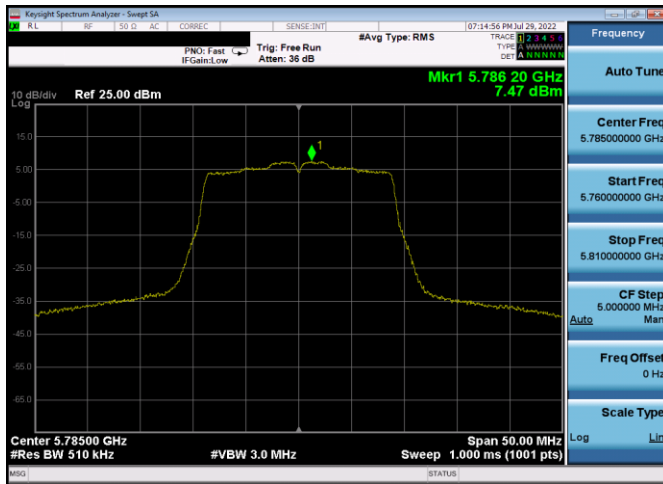
V 10.5 12/15/2021

	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)	65/72.2 (MCS7)	7.83	30.0	-22.17
	5785	157	n (20MHz)	65/72.2 (MCS7)	7.98	30.0	-22.02
	5825	165	n (20MHz)	65/72.2 (MCS7)	8.32	30.0	-21.68
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	7.68	30.0	-22.32
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	7.87	30.0	-22.13
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	8.12	30.0	-21.88
	5755	151	n (40MHz)	135/150 (MCS7)	4.61	30.0	-25.39
	5795	159	n (40MHz)	135/150 (MCS7)	4.71	30.0	-25.29
	5755	151	ax (SU) (40MHz)	271/286.8 (MCS11)	3.55	30.0	-26.45
	5795	159	ax (SU) (40MHz)	271/286.8 (MCS11)	3.43	30.0	-26.57
	5775	155	ac (80MHz)	390/433.3 (MCS9)	0.66	30.0	-29.34
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-1.08	30.0	-31.08

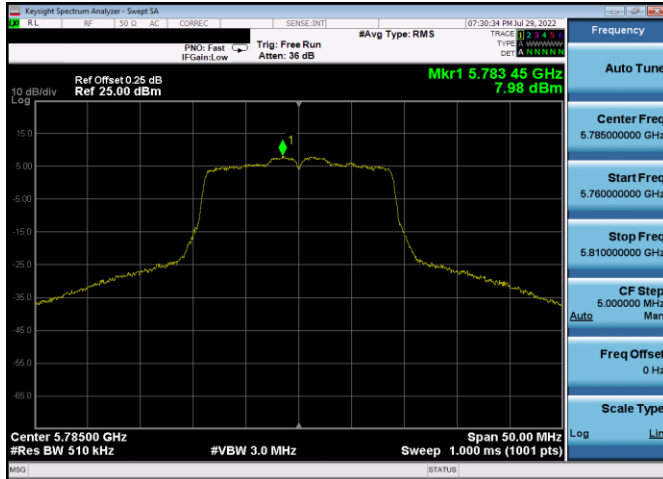
Table 7-163. Band 3 Power Spectral Density Measurements Antenna 3c (High Data Rate)

FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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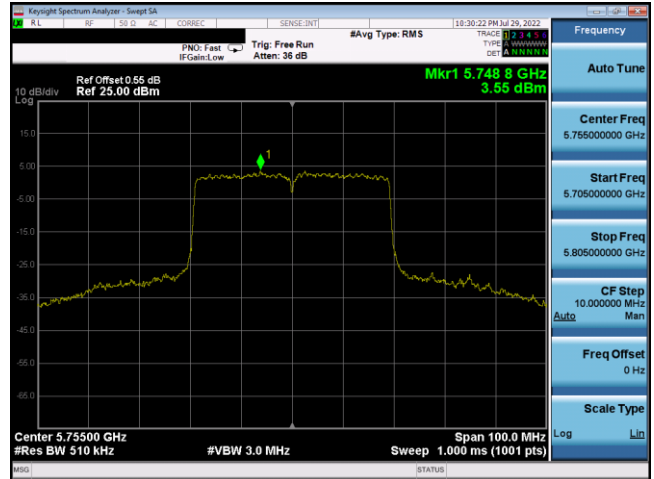
V 10.5 12/15/2021



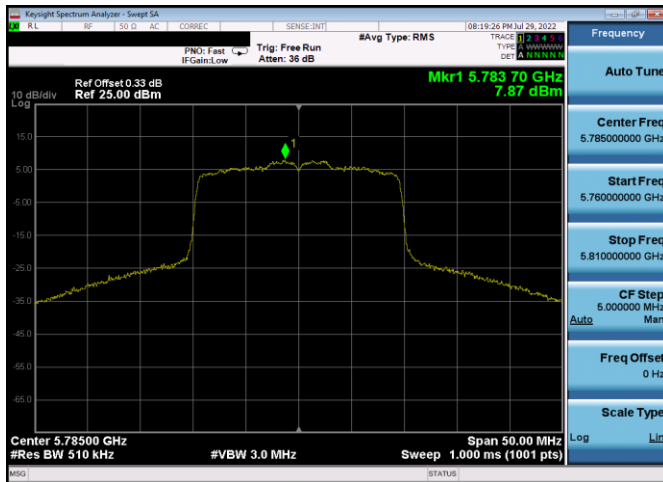
FCC ID: BCGA2757 IC: 579C-A2757	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 137 of 534



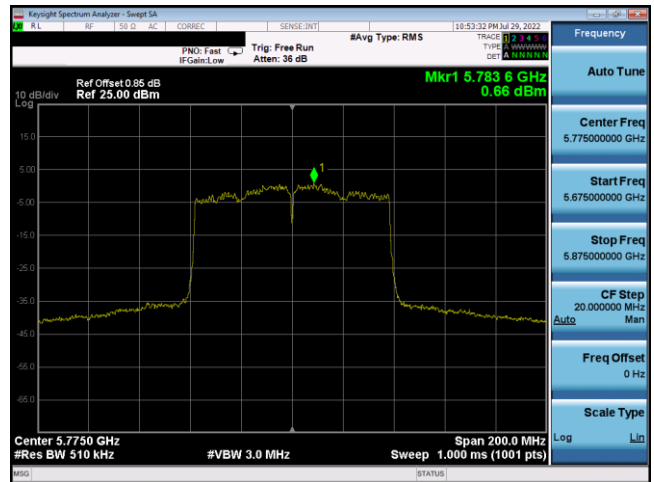
Plot 7-277. PSD Antenna 3c (20MHz BW 802.11n – Ch. 157, MCS4)



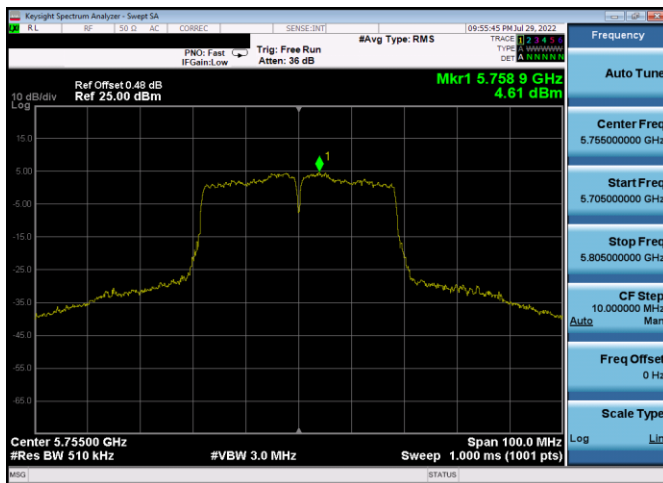
Plot 7-280. PSD Antenna 3c (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



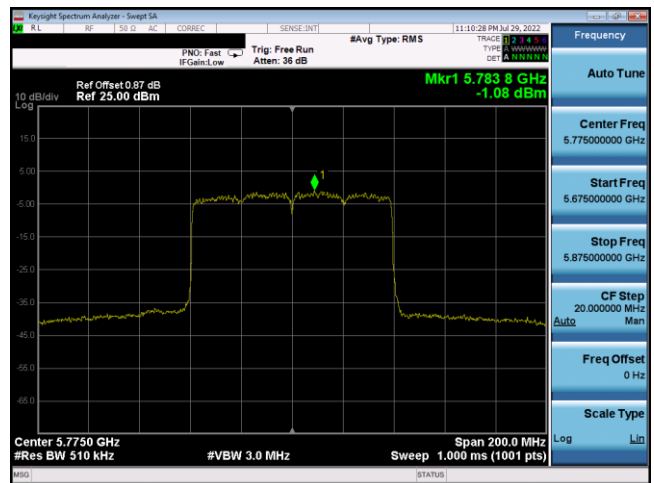
Plot 7-278. PSD Antenna 3c (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-281. PSD Antenna 3c (80MHz BW 802.11ac – Ch. 155, MCS4)

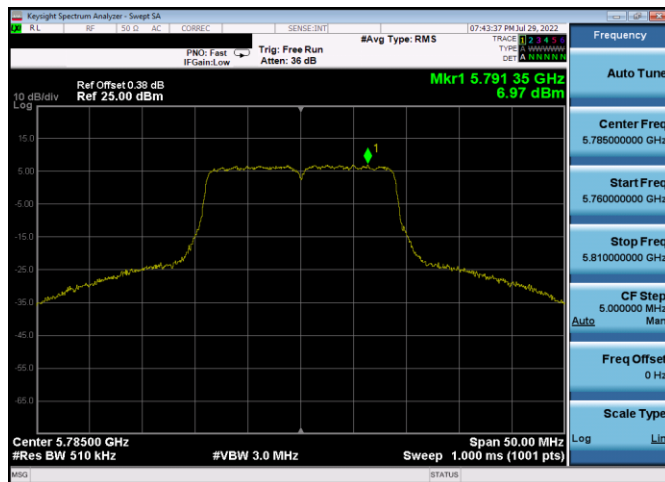


Plot 7-279. PSD Antenna 3c (40MHz BW 802.11n – Ch. 151, MCS4)

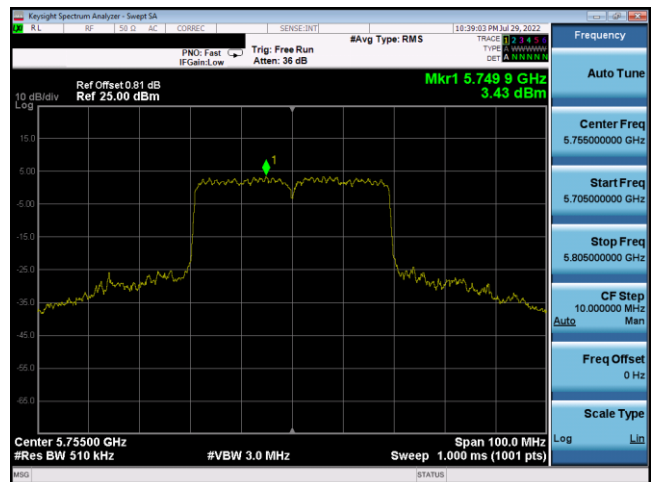


Plot 7-282. PSD Antenna 3c (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

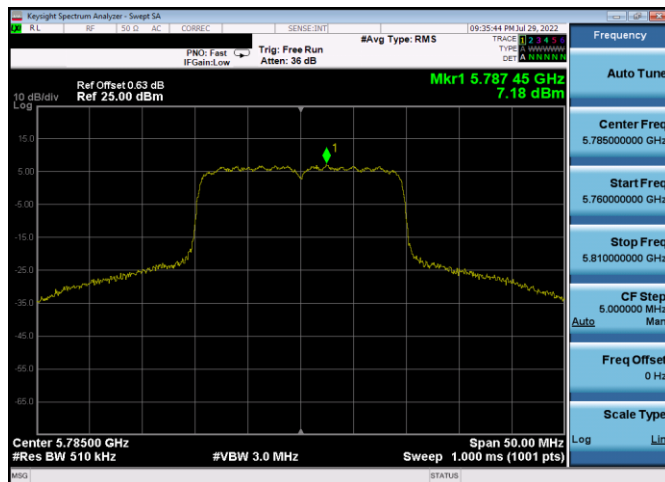
FCC ID: BCGA2757 IC: 579C-A2757			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device		Page 138 of 534



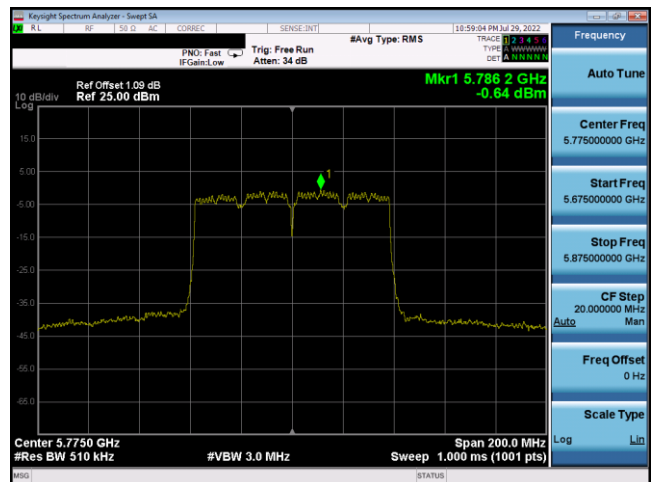
Plot 7-283. PSD Antenna 3c (20MHz BW 802.11n – Ch. 157, MCS7)



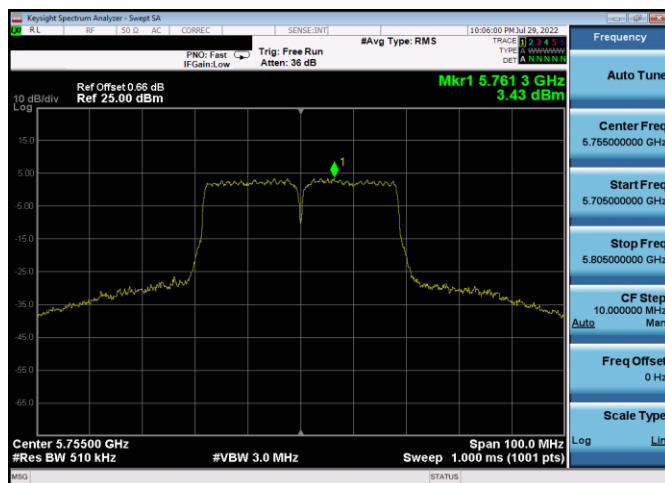
Plot 7-286. PSD Antenna 3c (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



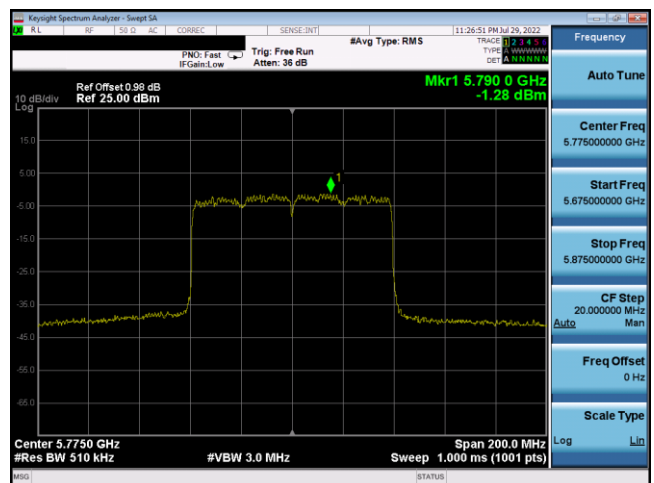
Plot 7-284. PSD Antenna 3c (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-287. PSD Antenna 3c (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-285. PSD Antenna 3c (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-288. PSD Antenna 3c (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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	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)	6.5/7.2 (MCS0)	4.85	2.80	7.65	10.0	-2.35
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	4.51	2.80	7.31	10.0	-2.69
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	4.29	2.80	7.09	10.0	-2.91
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	3.91	2.80	6.71	10.0	-3.29
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	3.88	2.80	6.68	10.0	-3.32
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	3.92	2.80	6.72	10.0	-3.28
	5190	38	n (40MHz)	13.5/15 (MCS0)	2.68	2.80	5.48	10.0	-4.52
	5230	46	n (40MHz)	13.5/15 (MCS0)	4.13	2.80	6.93	10.0	-3.07
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	0.94	2.80	3.74	10.0	-6.26
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	3.39	2.80	6.19	10.0	-3.81
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-1.12	2.80	1.68	10.0	-8.32
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-3.45	2.80	-0.65	10.0	-10.65

Table 7-164. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3c (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)	39/43.3 (MCS4)	5.74	2.80	8.54	10.0	-1.47
	5200	40	n (20MHz)	39/43.3 (MCS4)	6.57	2.80	9.37	10.0	-0.63
	5240	48	n (20MHz)	39/43.3 (MCS4)	5.40	2.80	8.20	10.0	-1.80
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	4.46	2.80	7.26	10.0	-2.74
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	4.35	2.80	7.15	10.0	-2.85
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	4.56	2.80	7.36	10.0	-2.64
	5190	38	n (40MHz)	81/90 (MCS4)	1.97	2.80	4.77	10.0	-5.23
	5230	46	n (40MHz)	81/90 (MCS4)	4.78	2.80	7.58	10.0	-2.42
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	0.92	2.80	3.72	10.0	-6.28
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	4.15	2.80	6.95	10.0	-3.05
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-0.71	2.80	2.09	10.0	-7.91
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.47	2.80	0.33	10.0	-9.67

Table 7-165. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3c (Mid Data Rate)

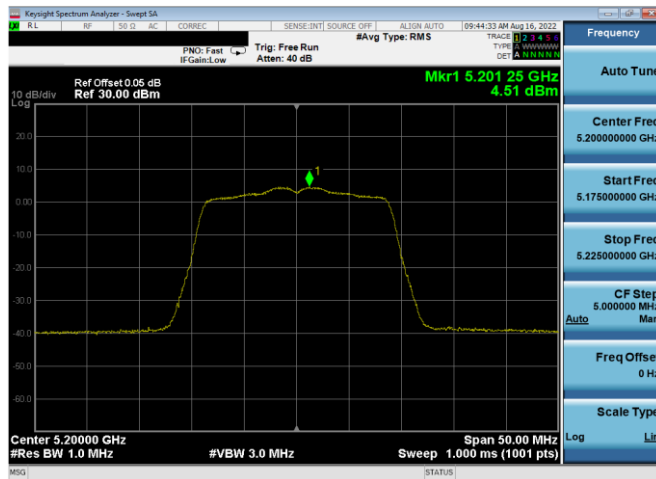
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	4.34	2.80	7.14	10.0	-2.86
	5200	40	n (20MHz)	65/72.2 (MCS7)	4.39	2.80	7.19	10.0	-2.81
	5240	48	n (20MHz)	65/72.2 (MCS7)	4.32	2.80	7.12	10.0	-2.88
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	4.14	2.80	6.94	10.0	-3.07
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	4.61	2.80	7.41	10.0	-2.60
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	4.41	2.80	7.21	10.0	-2.79
	5190	38	n (40MHz)	135/150 (MCS7)	-0.72	2.80	2.08	10.0	-7.92
	5230	46	n (40MHz)	135/150 (MCS7)	4.47	2.80	7.27	10.0	-2.73
	5190	38	ax (SU) (40MHz)	271/286.8 (MCS11)	-0.60	2.80	2.20	10.0	-7.80
	5230	46	ax (SU) (40MHz)	271/286.8 (MCS11)	3.63	2.80	6.43	10.0	-3.57
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-2.00	2.80	0.80	10.0	-9.20
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.26	2.80	-0.46	10.0	-10.46

Table 7-166. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3c (High Data Rate)

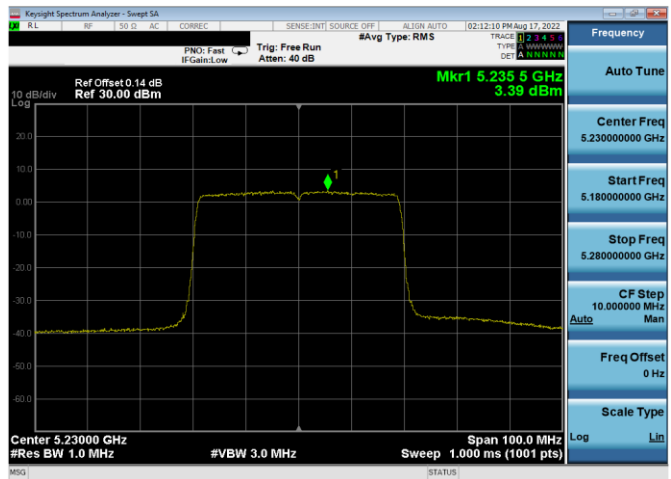
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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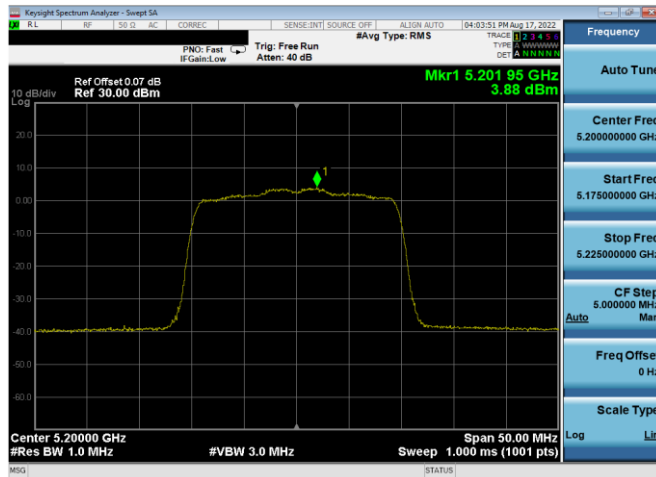
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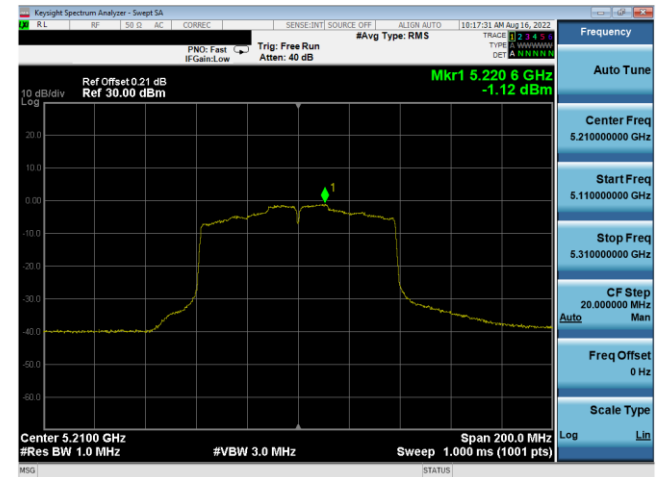
Plot 7-289. ISED PSD Antenna 3c (20MHz BW 11n – Ch.40, MCS0)



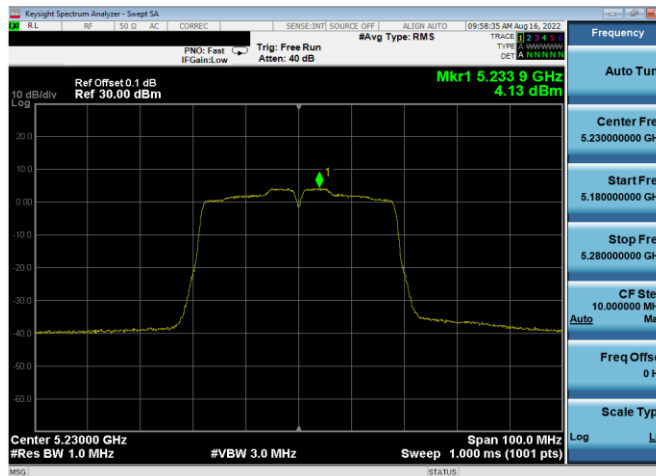
Plot 7-292. ISED PSD Antenna 3c (40MHz BW 11ax(SU) – Ch.46, MCS0)



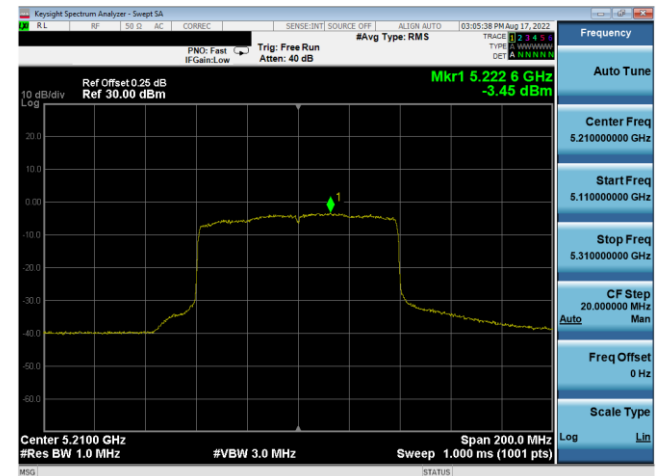
Plot 7-290. ISED PSD Antenna 3c (20MHz BW 11ax(SU) – Ch.40, MCS0)



Plot 7-293. ISED PSD Antenna 3c (80MHz BW 11ac – Ch.42, MCS0)

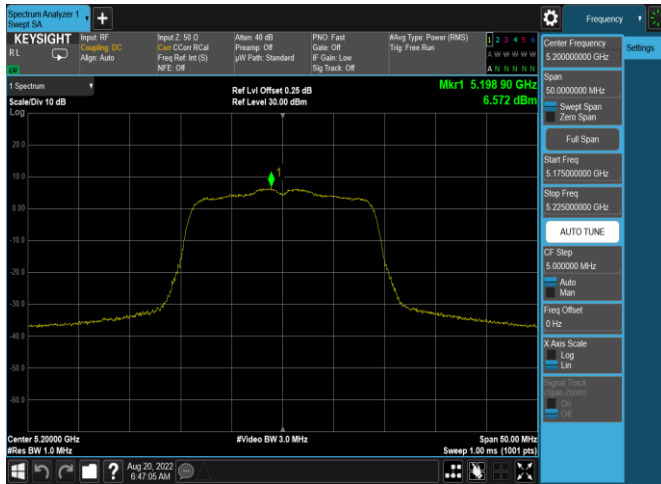


Plot 7-291. ISED PSD Antenna 3c (40MHz BW 11n – Ch.46, MCS0)

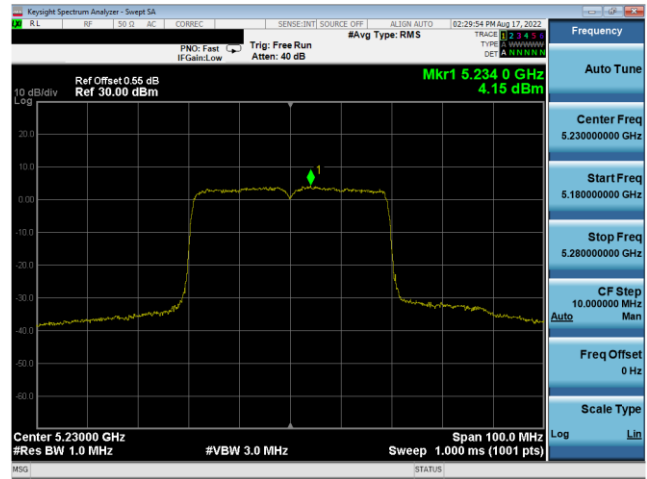


Plot 7-294. ISED PSD Antenna 3c (80MHz BW 11ax (SU) – Ch.42, MCS0)

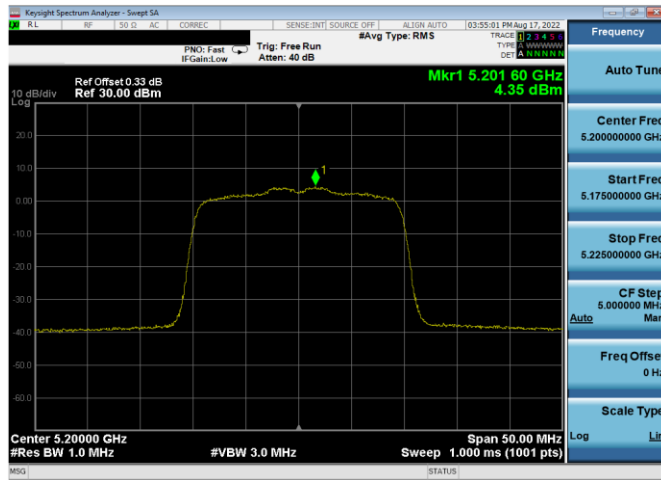
FCC ID: BCGA2757 IC: 579C-A2757	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 141 of 534



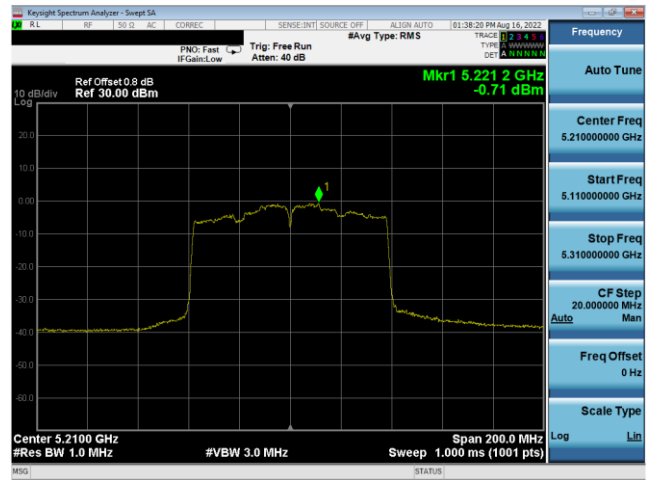
Plot 7-295. ISSED PSD Antenna 3c (20MHz BW 11n – Ch.40, MCS4)



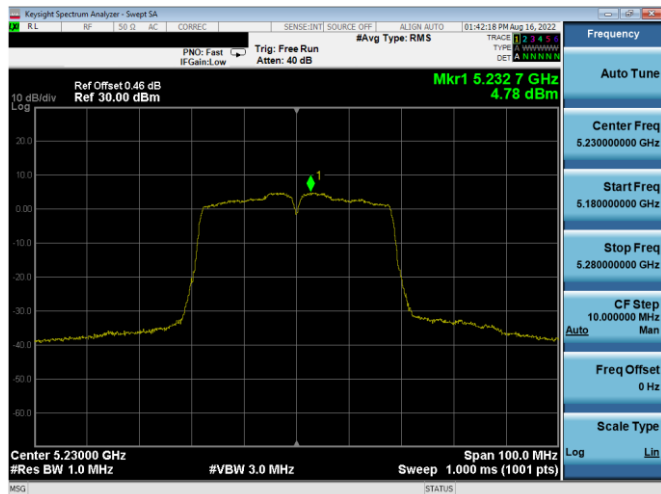
Plot 7-298. ISSED PSD Antenna 3c (40MHz BW 11ax(SU) – Ch.46, MCS4)



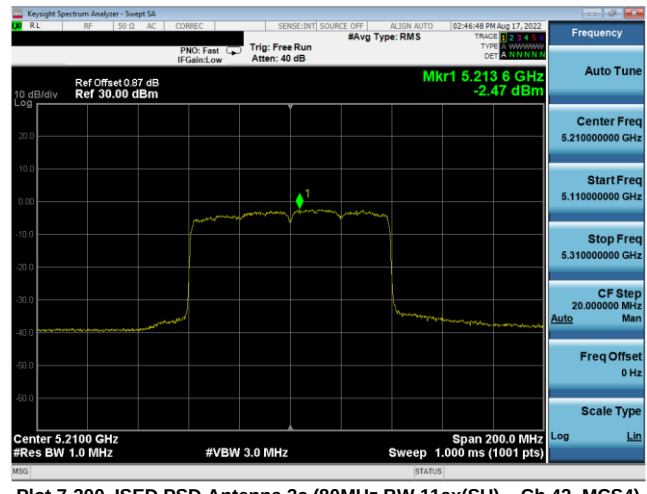
Plot 7-296. ISSED PSD Antenna 3c (20MHz BW 11ax(SU) – Ch.40, MCS4)



Plot 7-299. ISSED PSD Antenna 3c (80MHz BW 11ac – Ch.42, MCS4)

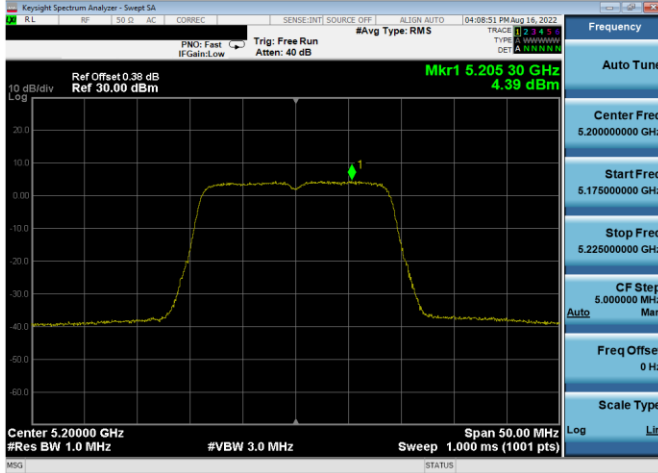


Plot 7-297. ISSED PSD Antenna 3c (40MHz BW 11n – Ch.46, MCS4)

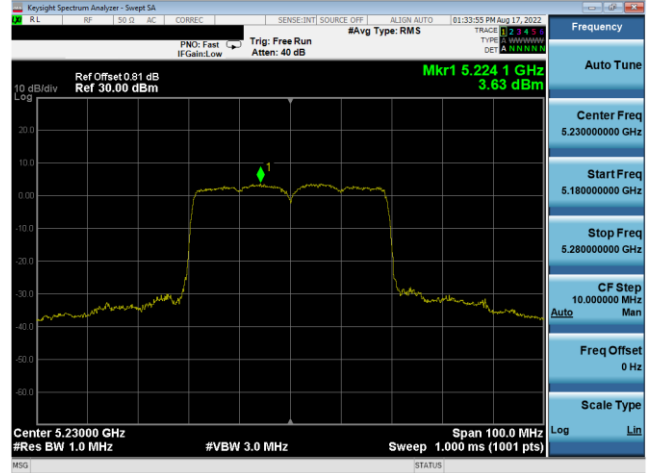


Plot 7-300. ISSED PSD Antenna 3c (80MHz BW 11ax(SU) – Ch.42, MCS4)

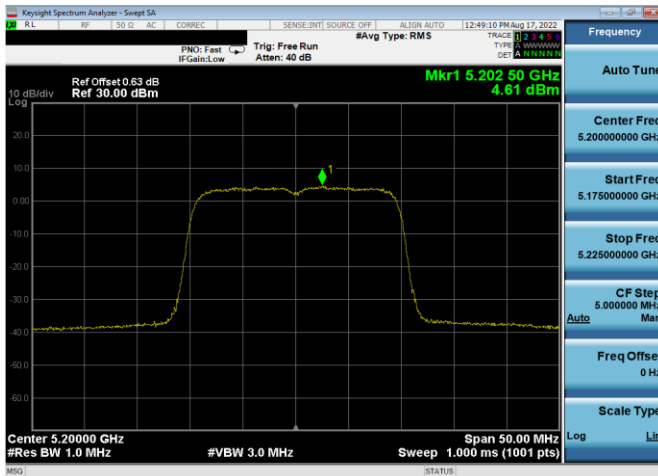
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 142 of 534



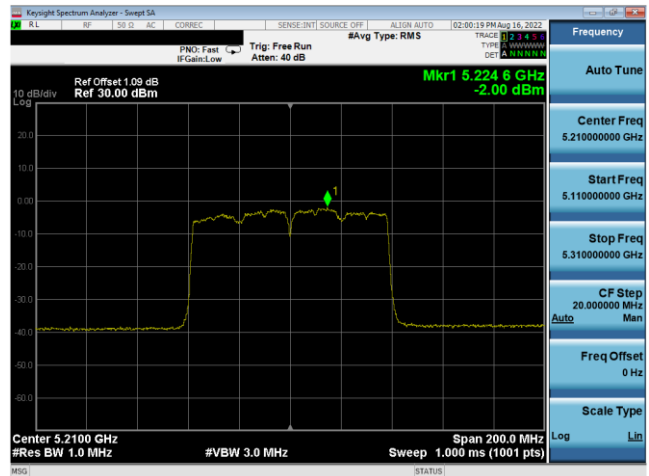
Plot 7-301. ISED PSD Antenna 3c (20MHz BW 11n – Ch.40, MCS7)



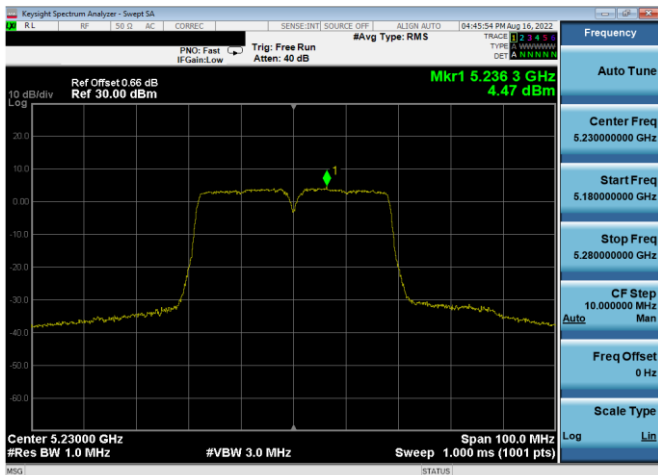
Plot 7-304. ISED PSD Antenna 3c (40MHz BW 11ax(SU) – Ch.46, MCS11)



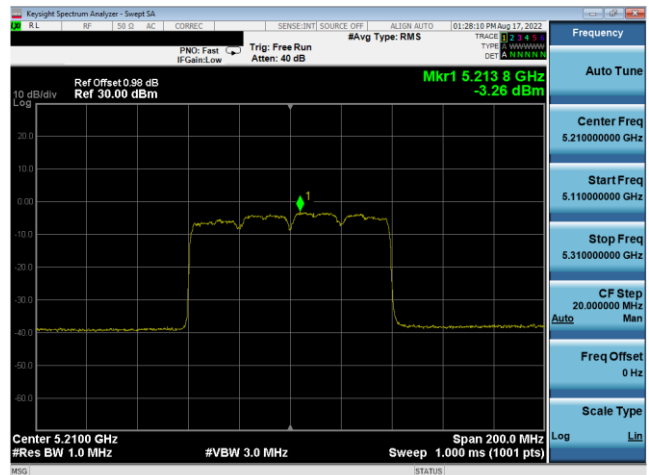
Plot 7-302. ISED PSD Antenna 3c (20MHz BW 11ax(SU) – Ch.40, MCS11)



Plot 7-305. ISED PSD Antenna 3c (80MHz BW 11ac – Ch.42, MCS9)



Plot 7-303. ISED PSD Antenna 3c (40MHz BW 11n – Ch.46, MCS7)



Plot 7-306. ISED PSD Antenna 3c (80MHz BW 11ax(SU) – Ch.42, MCS11)

FCC ID: BCGA2757 IC: 579C-A2757			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 143 of 534	

7.5.2 Antenna 3a 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)	8.69	11.0	-2.31
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	10.44	11.0	-0.56
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	10.09	11.0	-0.91
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	7.98	11.0	-3.02
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	10.34	11.0	-0.66
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	9.72	11.0	-1.29
	5190	38	n (40MHz)	13.5/15 (MCS0)	4.57	11.0	-6.43
	5230	46	n (40MHz)	13.5/15 (MCS0)	7.45	11.0	-3.55
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	2.63	11.0	-8.37
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	5.55	11.0	-5.45
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	0.27	11.0	-10.73
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-1.47	11.0	-12.47
Band 2A	5260	52	n (20MHz)	6.5/7.2 (MCS0)	10.01	11.0	-0.99
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	10.00	11.0	-1.00
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	9.04	11.0	-1.96
	5260	52	ax (SU) (20MHz)	8/8.6 (MCS0)	9.62	11.0	-1.38
	5280	56	ax (SU) (20MHz)	8/8.6 (MCS0)	9.76	11.0	-1.24
	5320	64	ax (SU) (20MHz)	8/8.6 (MCS0)	8.87	11.0	-2.13
	5270	54	n (40MHz)	13.5/15 (MCS0)	7.10	11.0	-3.90
	5310	62	n (40MHz)	13.5/15 (MCS0)	2.86	11.0	-8.14
	5270	54	ax (SU) (40MHz)	16/17.2 (MCS0)	5.89	11.0	-5.11
	5310	62	ax (SU) (40MHz)	16/17.2 (MCS0)	0.42	11.0	-10.58
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	-1.99	11.0	-12.99
	5290	58	ax (SU) (80MHz)	34/36 (MCS0)	-2.68	11.0	-13.68
Band 2C	5500	100	n (20MHz)	6.5/7.2 (MCS0)	9.02	11.0	-1.98
	5580	116	n (20MHz)	6.5/7.2 (MCS0)	10.00	11.0	-1.00
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	9.21	11.0	-1.79
	5500	100	ax (SU) (20MHz)	8/8.6 (MCS0)	7.72	11.0	-3.28
	5580	116	ax (SU) (20MHz)	8/8.6 (MCS0)	9.86	11.0	-1.14
	5720	144	ax (SU) (20MHz)	8/8.6 (MCS0)	9.13	11.0	-1.87
	5510	102	n (40MHz)	13.5/15 (MCS0)	3.03	11.0	-7.97
	5550	110	n (40MHz)	13.5/15 (MCS0)	7.03	11.0	-3.97
	5710	142	n (40MHz)	13.5/15 (MCS0)	6.39	11.0	-4.61
	5510	102	ax (SU) (40MHz)	16/17.2 (MCS0)	0.71	11.0	-10.29
	5550	110	ax (SU) (40MHz)	16/17.2 (MCS0)	5.60	11.0	-5.41
	5710	142	ax (SU) (40MHz)	16/17.2 (MCS0)	4.78	11.0	-6.23
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	-0.33	11.0	-11.33
	5610*	122	ac (80MHz)	29.3/32.5 (MCS0)	2.31	11.0	-8.69
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	4.02	11.0	-6.98
	5530	106	ax (SU) (80MHz)	34/36 (MCS0)	-2.97	11.0	-13.97
	5610*	122	ax (SU) (80MHz)	34/36 (MCS0)	0.40	11.0	-10.60
	5690	138	ax (SU) (80MHz)	34/36 (MCS0)	2.79	11.0	-8.21

Table 7-167. Power Spectral Density Measurements Antenna 3a (Low Data Rate)

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

FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 144 of 534

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	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)	39/43.3 (MCS4)	7.35	11.0	-3.65
	5200	40	n (20MHz)	39/43.3 (MCS4)	10.27	11.0	-0.73
	5240	48	n (20MHz)	39/43.3 (MCS4)	9.77	11.0	-1.23
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	7.84	11.0	-3.16
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	10.36	11.0	-0.64
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	10.24	11.0	-0.76
	5190	38	n (40MHz)	81/90 (MCS4)	3.72	11.0	-7.28
	5230	46	n (40MHz)	81/90 (MCS4)	7.72	11.0	-3.28
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	2.30	11.0	-8.70
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	6.24	11.0	-4.76
	5210	42	ac (80MHz)	175.5/195 (MCS4)	0.55	11.0	-10.45
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-1.07	11.0	-12.07
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	10.38	11.0	-0.62
	5280	56	n (20MHz)	39/43.3 (MCS4)	10.34	11.0	-0.66
	5320	64	n (20MHz)	39/43.3 (MCS4)	9.09	11.0	-1.91
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	10.26	11.0	-0.74
	5280	56	ax (SU) (20MHz)	49/51.6 (MCS4)	10.50	11.0	-0.51
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	8.93	11.0	-2.07
	5270	54	n (40MHz)	81/90 (MCS4)	7.10	11.0	-3.90
	5310	62	n (40MHz)	81/90 (MCS4)	2.46	11.0	-8.54
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	6.06	11.0	-4.94
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	1.36	11.0	-9.65
	5290	58	ac (80MHz)	175.5/195 (MCS4)	-1.36	11.0	-12.36
	5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.07	11.0	-14.07
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	8.20	11.0	-2.80
	5580	116	n (20MHz)	39/43.3 (MCS4)	10.48	11.0	-0.52
	5720	144	n (20MHz)	39/43.3 (MCS4)	9.64	11.0	-1.36
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	7.78	11.0	-3.22
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	10.45	11.0	-0.55
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	9.54	11.0	-1.46
	5510	102	n (40MHz)	81/90 (MCS4)	2.59	11.0	-8.41
	5550	110	n (40MHz)	81/90 (MCS4)	7.30	11.0	-3.70
	5710	142	n (40MHz)	81/90 (MCS4)	6.60	11.0	-4.40
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	1.10	11.0	-9.90
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	5.70	11.0	-5.30
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	5.16	11.0	-5.84
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-0.62	11.0	-11.62
	5610*	122	ac (80MHz)	175.5/195 (MCS4)	2.60	11.0	-8.40
	5690	138	ac (80MHz)	175.5/195 (MCS4)	4.76	11.0	-6.24
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.23	11.0	-13.23
	5610*	122	ax (SU) (80MHz)	204/216.2 (MCS4)	-0.09	11.0	-11.09
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	3.20	11.0	-7.80

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

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

FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 145 of 534

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	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)	65/72.2 (MCS7)	6.10	11.0	-4.90
	5200	40	n (20MHz)	65/72.2 (MCS7)	9.59	11.0	-1.41
	5240	48	n (20MHz)	65/72.2 (MCS7)	9.39	11.0	-1.61
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	5.82	11.0	-5.18
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	9.77	11.0	-1.23
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	9.48	11.0	-1.53
	5190	38	n (40MHz)	135/150 (MCS7)	0.90	11.0	-10.10
	5230	46	n (40MHz)	135/150 (MCS7)	6.43	11.0	-4.57
	5190	38	ax (SU) (40MHz)	271/286.8 (MCS11)	0.88	11.0	-10.13
	5230	46	ax (SU) (40MHz)	271/286.8 (MCS11)	6.03	11.0	-4.97
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-0.66	11.0	-11.66
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-1.38	11.0	-12.38
Band 2A	5260	52	n (20MHz)	65/72.2 (MCS7)	9.40	11.0	-1.61
	5280	56	n (20MHz)	65/72.2 (MCS7)	9.43	11.0	-1.57
	5320	64	n (20MHz)	65/72.2 (MCS7)	6.55	11.0	-4.45
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	9.33	11.0	-1.67
	5280	56	ax (SU) (20MHz)	135/143.4 (MCS11)	9.22	11.0	-1.78
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	6.15	11.0	-4.85
	5270	54	n (40MHz)	135/150 (MCS7)	6.24	11.0	-4.76
	5310	62	n (40MHz)	135/150 (MCS7)	1.01	11.0	-9.99
	5270	54	ax (SU) (40MHz)	271/286.8 (MCS11)	6.34	11.0	-4.66
	5310	62	ax (SU) (40MHz)	271/286.8 (MCS11)	0.82	11.0	-10.18
	5290	58	ac (80MHz)	390/433.3 (MCS9)	-2.84	11.0	-13.84
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.15	11.0	-14.15
Band 2C	5500	100	n (20MHz)	65/72.2 (MCS7)	5.13	11.0	-5.87
	5580	116	n (20MHz)	65/72.2 (MCS7)	9.45	11.0	-1.55
	5720	144	n (20MHz)	65/72.2 (MCS7)	8.59	11.0	-2.41
	5500	100	ax (SU) (20MHz)	135/143.4 (MCS11)	4.81	11.0	-6.19
	5580	116	ax (SU) (20MHz)	135/143.4 (MCS11)	9.54	11.0	-1.46
	5720	144	ax (SU) (20MHz)	135/143.4 (MCS11)	8.66	11.0	-2.35
	5510	102	n (40MHz)	135/150 (MCS7)	0.19	11.0	-10.81
	5550	110	n (40MHz)	135/150 (MCS7)	5.28	11.0	-5.72
	5710	142	n (40MHz)	135/150 (MCS7)	5.37	11.0	-5.64
	5510	102	ax (SU) (40MHz)	271/286.8 (MCS11)	-0.41	11.0	-11.41
	5550	110	ax (SU) (40MHz)	271/286.8 (MCS11)	4.98	11.0	-6.02
	5710	142	ax (SU) (40MHz)	271/286.8 (MCS11)	5.63	11.0	-5.38
	5530	106	ac (80MHz)	390/433.3 (MCS9)	-2.62	11.0	-13.62
	5610*	122	ac (80MHz)	390/433.3 (MCS9)	0.12	11.0	-10.88
	5690	138	ac (80MHz)	390/433.3 (MCS9)	3.52	11.0	-7.48
	5530	106	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.14	11.0	-14.14
	5610*	122	ax (SU) (80MHz)	567/600.5 (MCS11)	-1.17	11.0	-12.17
	5690	138	ax (SU) (80MHz)	567/600.5 (MCS11)	3.58	11.0	-7.42

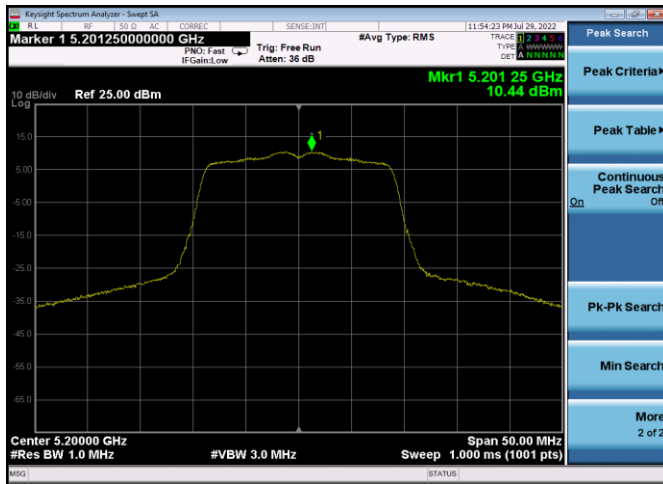
Table 7-169. Power Spectral Density Measurements Antenna 3a (High Data Rate)

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

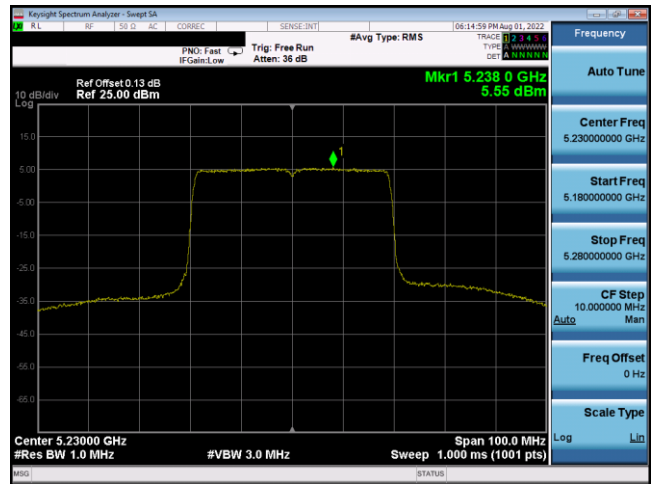
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 146 of 534

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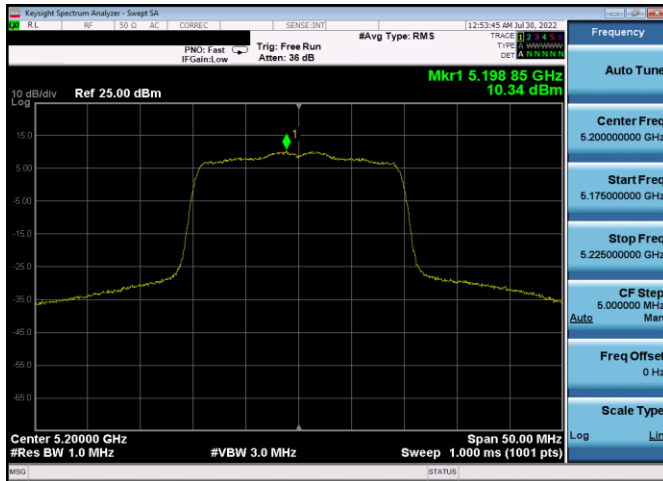
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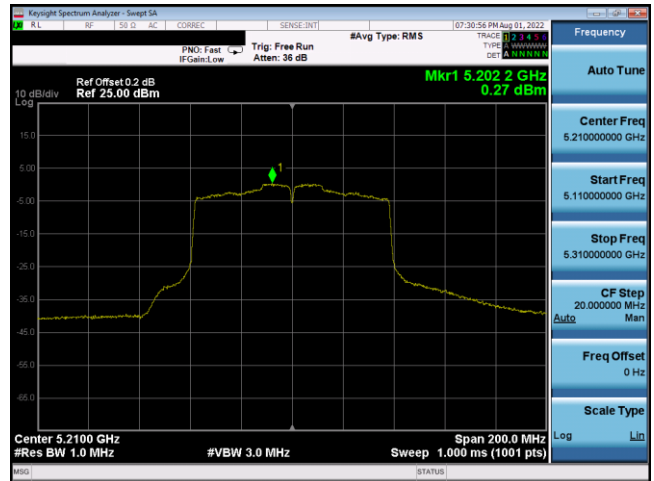
Plot 7-307. PSD Antenna 3a (20MHz BW 802.11n – Ch. 40, MCS0)



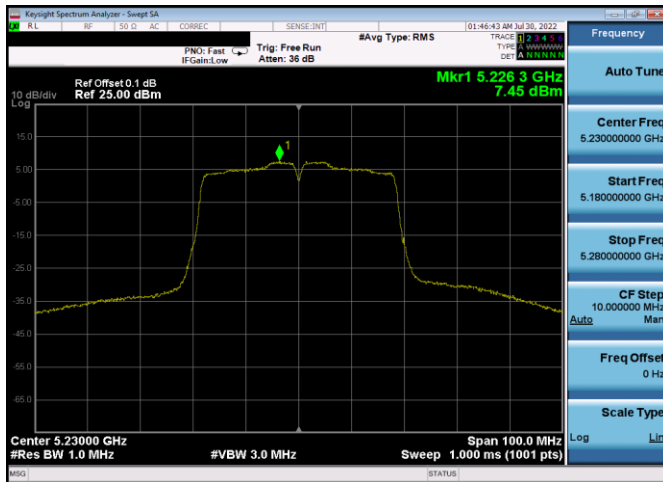
Plot 7-310. PSD Antenna 3a (40MHz BW 802.11ax(SU) – Ch. 46, MCS0)



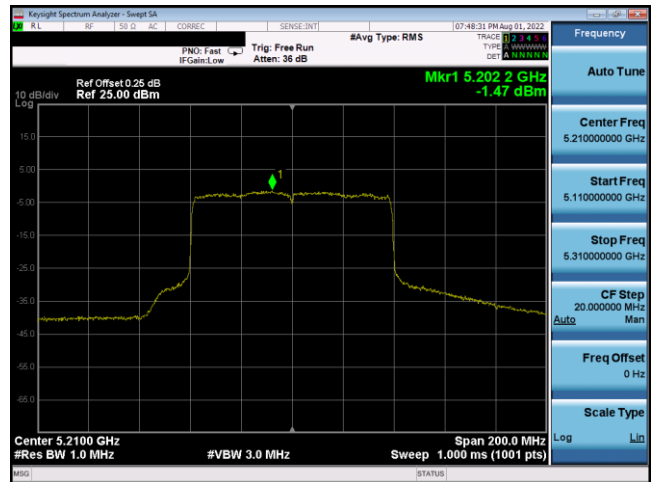
Plot 7-308. PSD Antenna 3a (20MHz BW 802.11ax(SU) – Ch. 40, MCS0)



Plot 7-311. PSD Antenna 3a (80MHz BW 802.11ac – Ch. 42, MCS0)

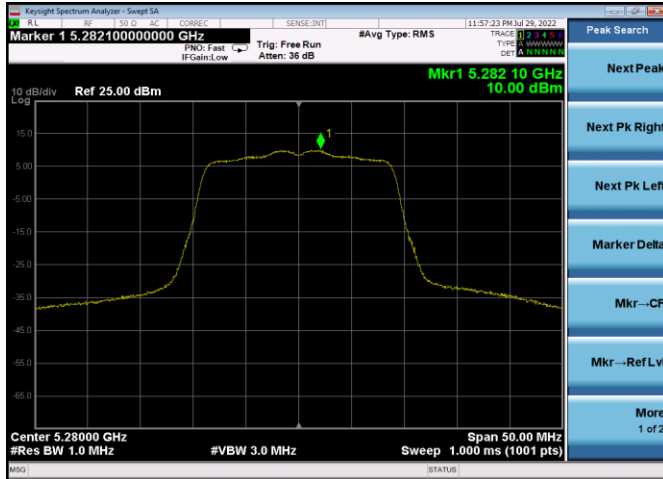


Plot 7-309. PSD Antenna 3a (40MHz BW 802.11n – Ch. 46, MCS0)

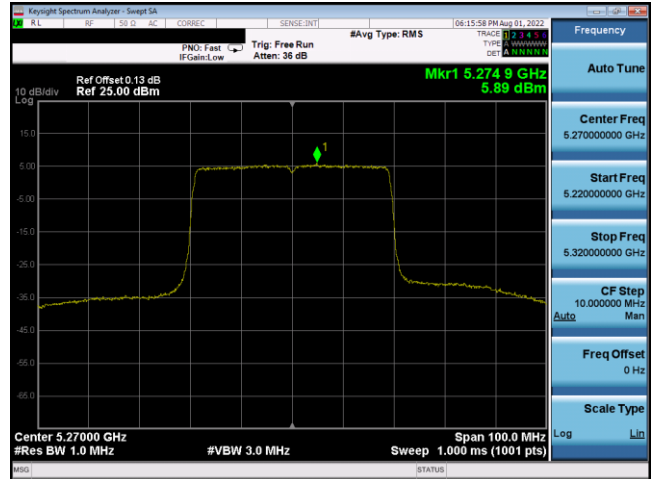


Plot 7-312. PSD Antenna 3a (80MHz BW 802.11ax(SU) – Ch. 42, MCS0)

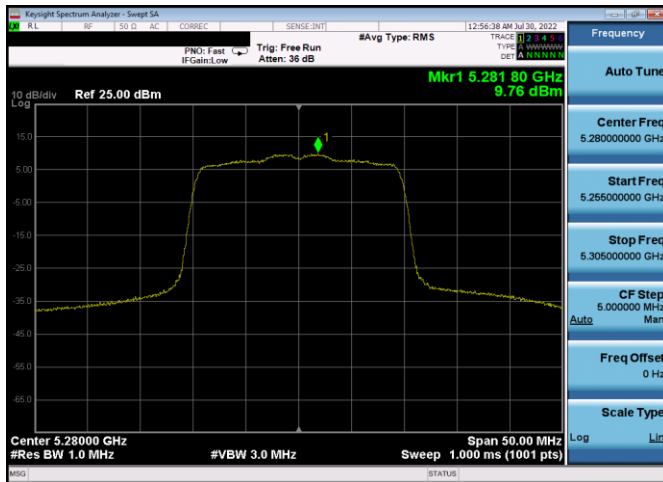
FCC ID: BCGA2757 IC: 579C-A2757	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 147 of 534



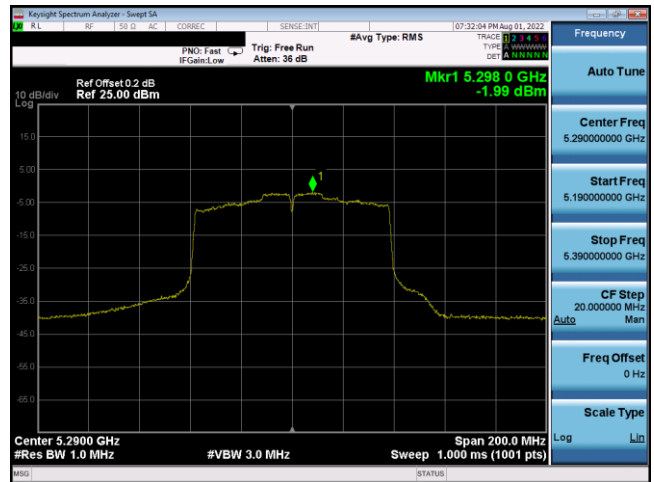
Plot 7-313. PSD Antenna 3a (20MHz BW 802.11n – Ch. 56, MCS0)



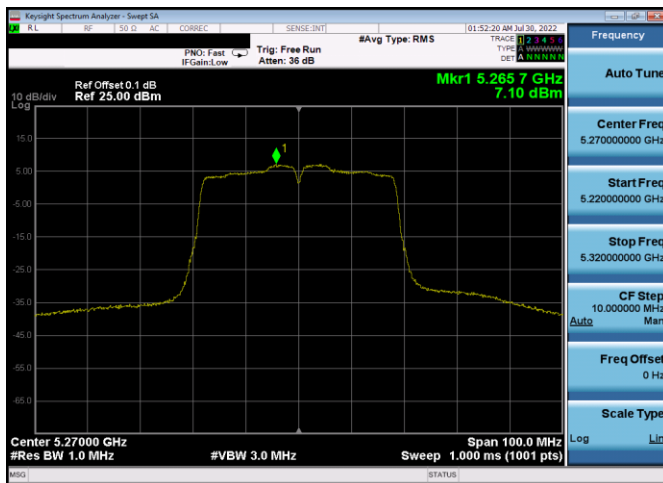
Plot 7-316. PSD Antenna 3a (40MHz BW 802.11ax(SU) – Ch. 54, MCS0)



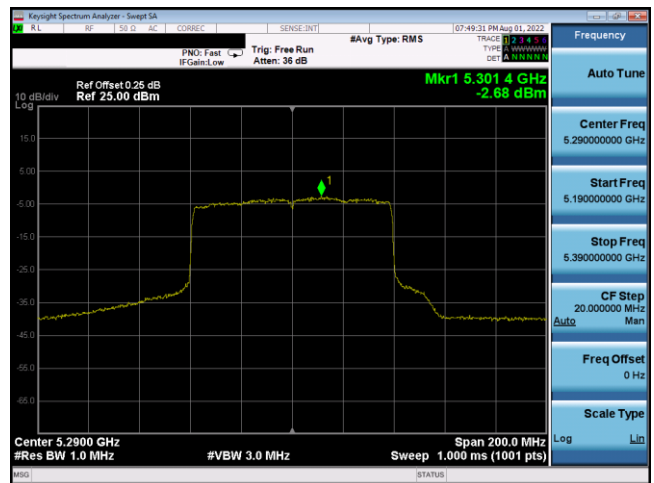
Plot 7-314. PSD Antenna 3a (20MHz BW 802.11ax(SU) – Ch. 56, MCS0)



Plot 7-317. PSD Antenna 3a (80MHz BW 802.11ac – Ch. 58, MCS0)



Plot 7-315. PSD Antenna 3a (40MHz BW 802.11n – Ch. 54, MCS0)



Plot 7-318. PSD Antenna 3a (80MHz BW 802.11ax(SU) – Ch. 58, MCS0)

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG			Page 148 of 534
Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device		