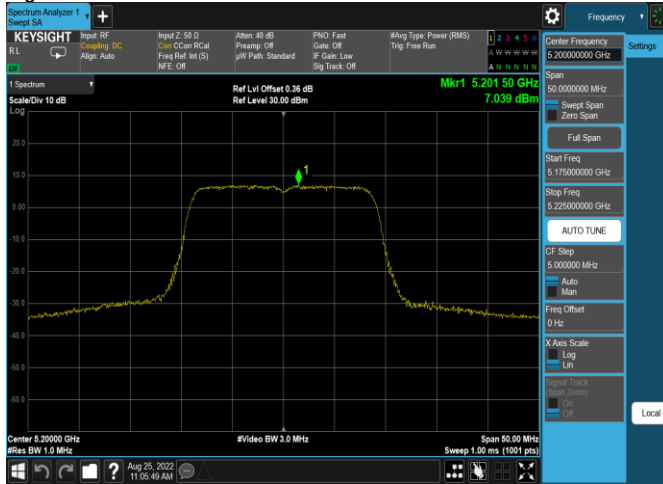


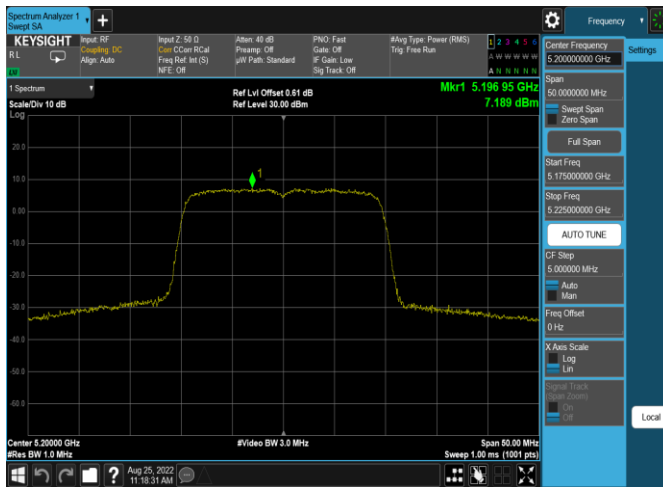
High Data Rate



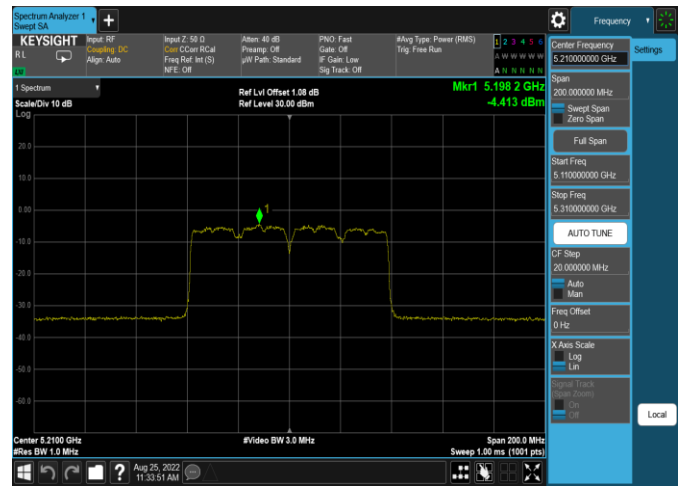
Plot 7-269. ISED PSD Antenna 5b (20MHz BW 11n – Ch.40, MCS7)



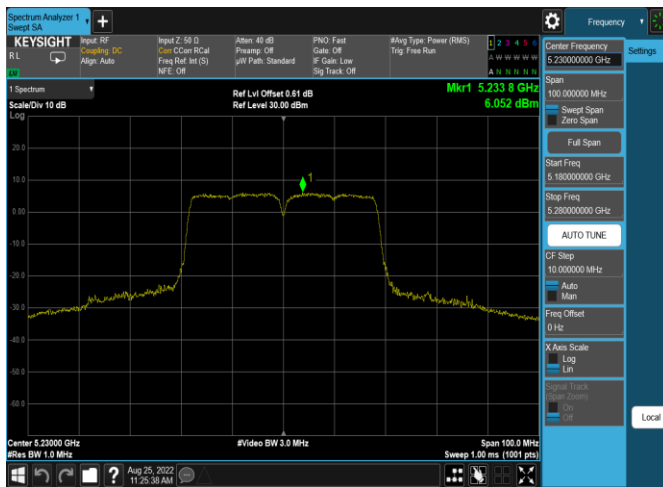
Plot 7-272. ISED PSD Antenna 5b (40MHz BW 11ax(SU) – Ch.46, MCS11)



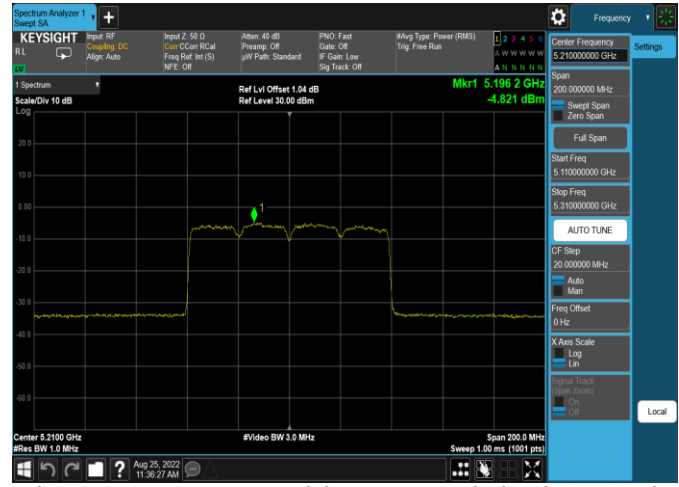
Plot 7-270. ISED PSD Antenna 5b (20MHz BW 11ax(SU) – Ch.40, MCS11)



Plot 7-273. ISED PSD Antenna 5b (80MHz BW 11ac – Ch.42, MCS9)



Plot 7-271. ISED PSD Antenna 5b (40MHz BW 11n – Ch.46, MCS7)

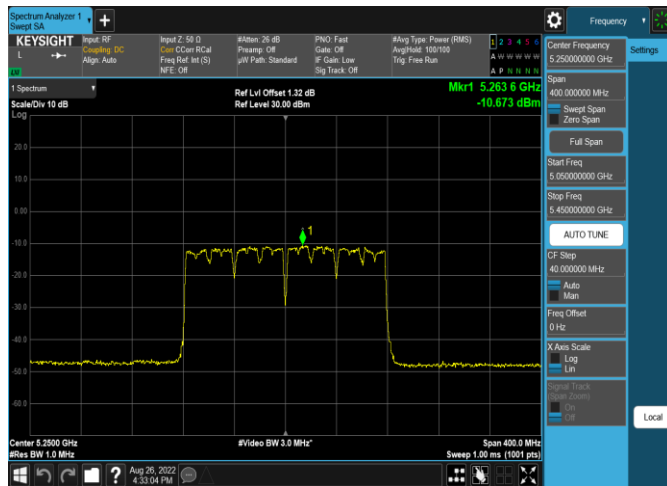


Plot 7-274. ISED PSD Antenna 5b (80MHz BW 11ax(SU) – Ch.42, MCS11)

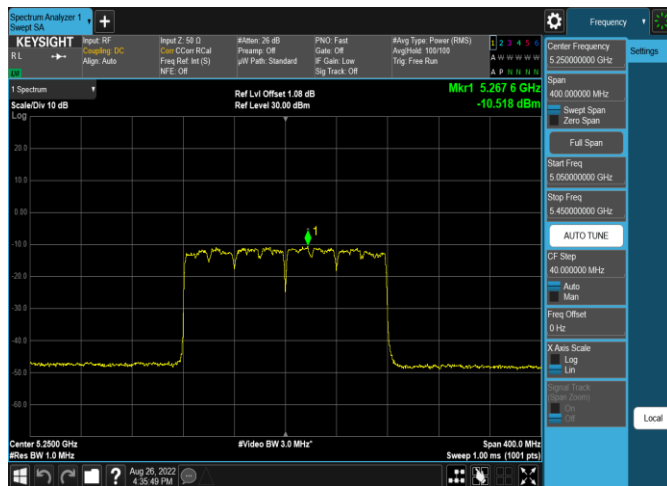
FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 123 of 365

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-275. ISED PSD Antenna 5b (160MHz BW 11ac-- Ch.50 MCS9)



Plot 7-276. ISED PSD Antenna 5b (160MHz BW 11ax(SU) - Ch.50 MCS11)

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 124 of 365

7.5.2 Antenna 4a 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)	4.84	11.0	-6.16
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	6.84	11.0	-4.16
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	6.93	11.0	-4.07
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	1.76	11.0	-9.24
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	5.64	11.0	-5.36
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	5.27	11.0	-5.73
	5190	38	n (40MHz)	40.5/45 (MCS2)	-1.74	11.0	-12.74
	5230	46	n (40MHz)	40.5/45 (MCS2)	3.74	11.0	-7.26
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-3.17	11.0	-14.17
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	2.69	11.0	-8.32
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-6.73	11.0	-17.73
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-7.91	11.0	-18.91
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS2)	-10.39	11.0	-21.39
	5250	50	ac (160MHz)	204.2/216.2 (MCS2)	-11.64	11.0	-22.64
Band 2A	5260	52	n (20MHz)	19.5/21.7 (MCS2)	6.60	11.0	-4.40
	5280	56	n (20MHz)	19.5/21.7 (MCS2)	6.43	11.0	-4.57
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	5.98	11.0	-5.02
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	5.62	11.0	-5.38
	5280	56	ax (SU) (20MHz)	24/25.8 (MCS2)	5.44	11.0	-5.56
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	3.57	11.0	-7.43
	5270	54	n (40MHz)	40.5/45 (MCS2)	3.42	11.0	-7.58
	5310	62	n (40MHz)	40.5/45 (MCS2)	0.46	11.0	-10.54
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	2.31	11.0	-8.69
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	-1.85	11.0	-12.85
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	-4.46	11.0	-15.46
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-5.48	11.0	-16.48
Band 2C	5500	100	n (20MHz)	19.5/21.7 (MCS2)	6.70	11.0	-4.30
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	5.28	11.0	-5.72
	5720	144	n (20MHz)	19.5/21.7 (MCS2)	5.83	11.0	-5.17
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	2.83	11.0	-8.17
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	4.50	11.0	-6.50
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	4.87	11.0	-6.13
	5510	102	n (40MHz)	40.5/45 (MCS2)	-1.69	11.0	-12.69
	5550	110	n (40MHz)	40.5/45 (MCS2)	2.64	11.0	-8.36
	5710	142	n (40MHz)	40.5/45 (MCS2)	3.30	11.0	-7.70
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	-2.01	11.0	-13.01
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	2.09	11.0	-8.91
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	1.32	11.0	-9.68
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	-6.09	11.0	-17.09
	*5610	122	ac (80MHz)	87.8/97.5 (MCS2)	-2.57	11.0	-13.57
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	-3.37	11.0	-14.37
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-6.38	11.0	-17.38
	*5610	122	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.38	11.0	-14.38
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	-4.26	11.0	-15.26
	*5570	114	ac (160MHz)	175.5/195 (MCS2)	-9.08	11.0	-20.08
	*5570	114	ax SU (160MHz)	204.2/216.2 (MCS2)	-10.24	11.0	-21.24

Table 7-125. Power Spectral Density Measurements Antenna 4a (Low Data Rate)

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

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 125 of 365

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

	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)	4.22	11.0	-6.79
	5200	40	n (20MHz)	39/43.3 (MCS4)	6.30	11.0	-4.70
	5240	48	n (20MHz)	39/43.3 (MCS4)	7.22	11.0	-3.78
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	2.32	11.0	-8.68
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	6.13	11.0	-4.87
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	5.81	11.0	-5.19
	5190	38	n (40MHz)	81/90 (MCS4)	-1.48	11.0	-12.48
	5230	46	n (40MHz)	81/90 (MCS4)	3.96	11.0	-7.04
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-3.56	11.0	-14.56
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	2.92	11.0	-8.08
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-6.52	11.0	-17.52
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-8.71	11.0	-19.71
Band 1/2	5250	50	ac (160MHz)	351/390 (MCS4)	-10.48	11.0	-21.48
	5250	50	ax (SU) (160MHz)	408.3/432.4 (MCS4)	-11.11	11.0	-22.11
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	6.65	11.0	-4.35
	5280	56	n (20MHz)	39/43.3 (MCS4)	6.52	11.0	-4.48
	5320	64	n (20MHz)	39/43.3 (MCS4)	5.77	11.0	-5.23
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	5.57	11.0	-5.43
	5280	56	ax (SU) (20MHz)	49/51.6 (MCS4)	5.50	11.0	-5.50
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	3.62	11.0	-7.38
	5270	54	n (40MHz)	81/90 (MCS4)	3.93	11.0	-7.07
	5310	62	n (40MHz)	81/90 (MCS4)	0.11	11.0	-10.89
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	2.23	11.0	-8.77
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	-2.26	11.0	-13.26
	5290	58	ac (80MHz)	175.5/195 (MCS4)	-4.97	11.0	-15.97
	5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-7.51	11.0	-18.51
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	4.58	11.0	-6.42
	5580	116	n (20MHz)	39/43.3 (MCS4)	7.98	11.0	-3.02
	5720	144	n (20MHz)	39/43.3 (MCS4)	8.73	11.0	-2.27
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	2.83	11.0	-8.17
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	4.46	11.0	-6.54
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	5.03	11.0	-5.97
	5510	102	n (40MHz)	81/90 (MCS4)	-1.76	11.0	-12.76
	5550	110	n (40MHz)	81/90 (MCS4)	5.23	11.0	-5.77
	5710	142	n (40MHz)	81/90 (MCS4)	5.55	11.0	-5.45
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	-3.45	11.0	-14.45
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	1.48	11.0	-9.52
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	2.06	11.0	-8.94
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-3.66	11.0	-14.66
	*5610	122	ac (80MHz)	29.3/32.5 (MCS0)	-2.56	11.0	-13.56
	5690	138	ac (80MHz)	175.5/195 (MCS4)	-0.73	11.0	-11.73
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-6.24	11.0	-17.24
	*5610	122	ax (SU) (80MHz)	34/36 (MCS0)	-3.73	11.0	-14.73
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.07	11.0	-14.07
	*5570	114	ac (160MHz)	351/390 (MCS4)	-9.35	11.0	-20.35
	*5570	114	ax SU (160MHz)	408.3/432.4 (MCS4)	-10.84	11.0	-21.84

Table 7-126. Power Spectral Density Measurements Antenna 4a (Mid Data Rate)

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

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 126 of 365

V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

	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)	3.12	11.0	-7.88
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	5.79	11.0	-5.21
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	6.00	11.0	-5.00
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	1.84	11.0	-9.16
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	7.82	11.0	-3.18
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	8.15	11.0	-2.85
	5190	38	n (40MHz)	40.5/45 (MCS2)	-4.22	11.0	-15.22
	5230	46	n (40MHz)	40.5/45 (MCS2)	2.31	11.0	-8.69
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-4.55	11.0	-15.55
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	2.69	11.0	-8.31
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-8.68	11.0	-19.68
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-8.83	11.0	-19.83
Band 1/2	5250	50	ac (160MHz)	780/866.7 (MCS9)	-11.45	11.0	-22.45
	5250	50	ax (SU) (160MHz)	1134.3/1201 (MCS11)	-11.78	11.0	-22.78
Band 2A	5260	52	n (20MHz)	19.5/21.7 (MCS2)	5.77	11.0	-5.23
	5280	56	n (20MHz)	19.5/21.7 (MCS2)	5.25	11.0	-5.75
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	3.78	11.0	-7.22
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	5.40	11.0	-5.60
	5280	56	ax (SU) (20MHz)	24/25.8 (MCS2)	7.08	11.0	-3.92
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	5.17	11.0	-5.83
	5270	54	n (40MHz)	40.5/45 (MCS2)	2.29	11.0	-8.71
	5310	62	n (40MHz)	40.5/45 (MCS2)	-3.44	11.0	-14.44
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	2.19	11.0	-8.81
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	-3.70	11.0	-14.70
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	-7.35	11.0	-18.35
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-7.66	11.0	-18.66
Band 2C	5500	100	n (20MHz)	19.5/21.7 (MCS2)	1.50	11.0	-9.50
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	7.03	11.0	-3.97
	5720	144	n (20MHz)	19.5/21.7 (MCS2)	7.42	11.0	-3.58
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	3.78	11.0	-7.22
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	7.67	11.0	-3.33
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	8.21	11.0	-2.79
	5510	102	n (40MHz)	40.5/45 (MCS2)	-1.04	11.0	-12.04
	5550	110	n (40MHz)	40.5/45 (MCS2)	3.70	11.0	-7.30
	5710	142	n (40MHz)	40.5/45 (MCS2)	5.17	11.0	-5.83
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	-4.52	11.0	-15.52
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.48	11.0	-11.48
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	1.30	11.0	-9.70
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	-4.70	11.0	-15.70
	*5610	122	ac (80MHz)	87.8/97.5 (MCS2)	-4.84	11.0	-15.84
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	2.39	11.0	-8.61
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-4.32	11.0	-15.32
	*5610	122	ax (SU) (80MHz)	102/108.1 (MCS2)	-4.79	11.0	-15.79
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.78	11.0	-14.78
	*5570	114	ac (160MHz)	780/866.7 (MCS9)	-11.00	11.0	-22.00
	*5570	114	ax SU (160MHz)	1134.3/1201 (MCS11)	-9.28	11.0	-20.28

Table 7-127. Power Spectral Density Measurements Antenna 4a (High Data Rate)

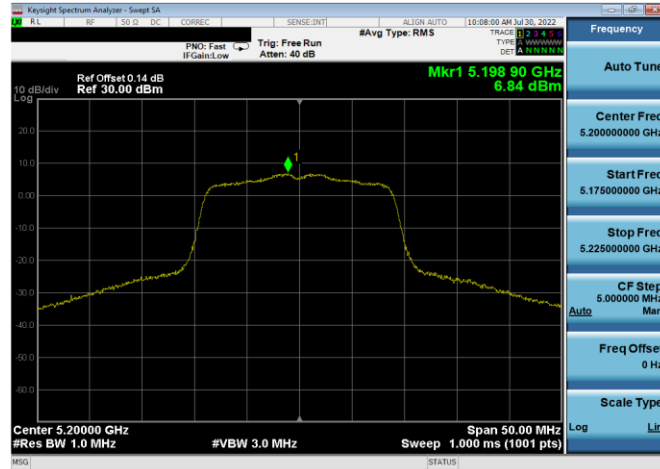
*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 127 of 365

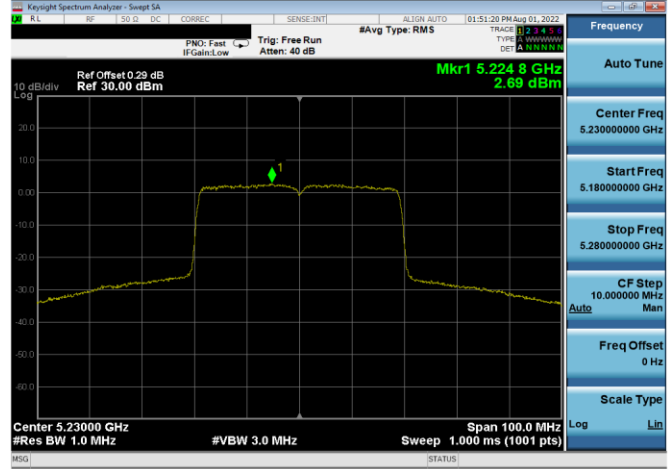
V 10.5 12/15/2021

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

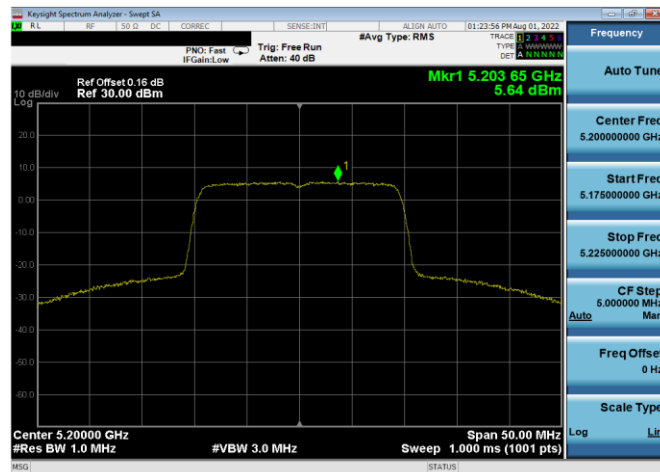
Low Data Rate



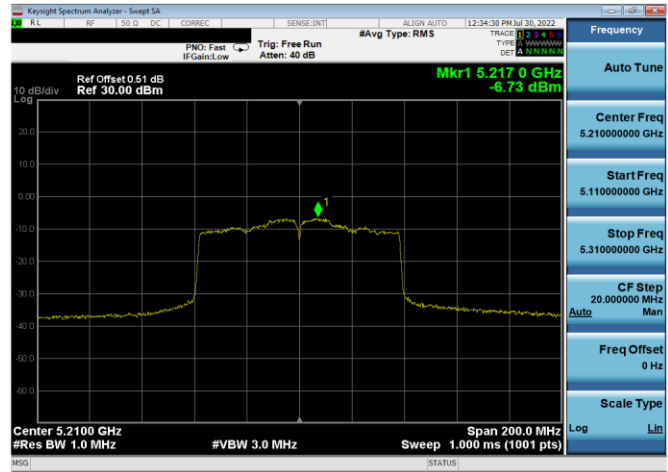
Plot 7-277. PSD Antenna 4a (20MHz BW 802.11n – Ch. 40, MCS2)



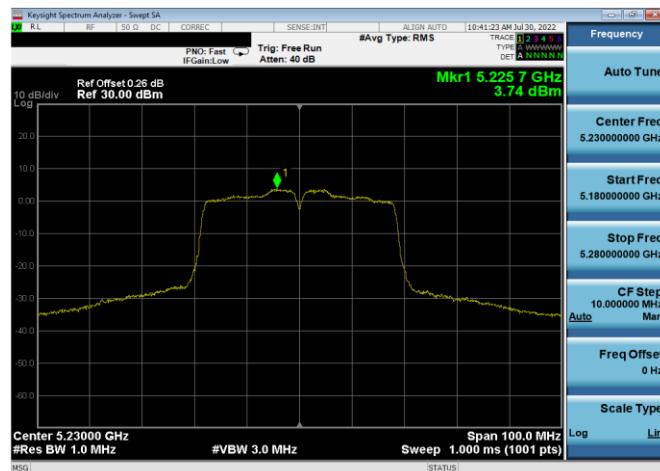
Plot 7-280. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 46, MCS2)



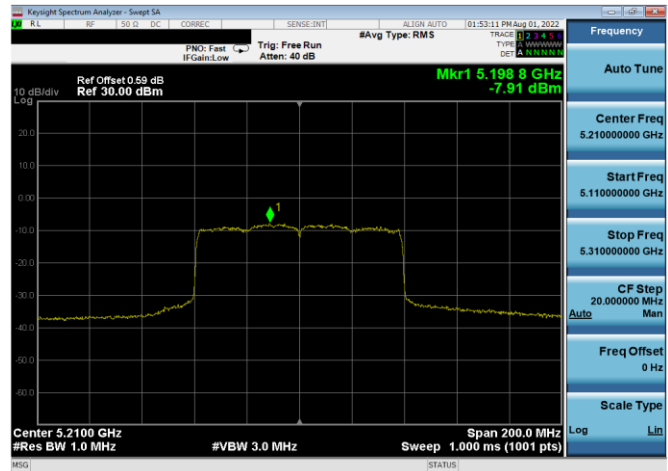
Plot 7-278. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



Plot 7-281. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 42, MCS2)



Plot 7-279. PSD Antenna 4a (40MHz BW 802.11n – Ch. 46, MCS2)

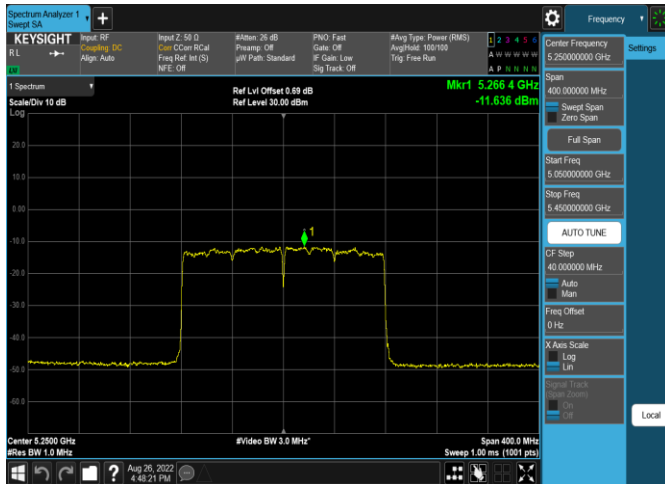


Plot 7-282. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 42, MCS2)

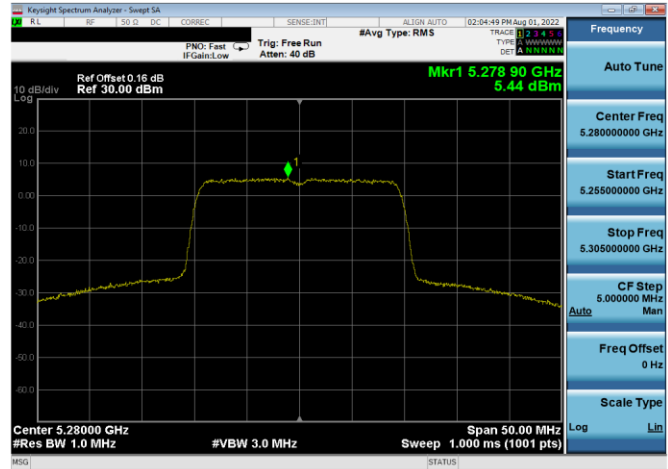
FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG			Page 128 of 365
Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device		

V 10.5 12/15/2021

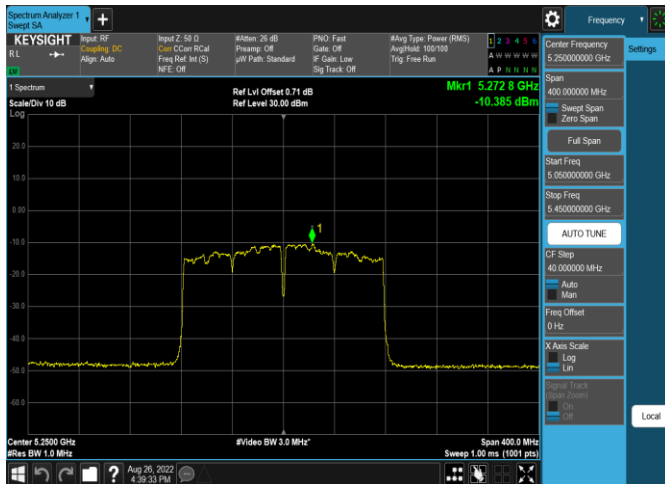
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



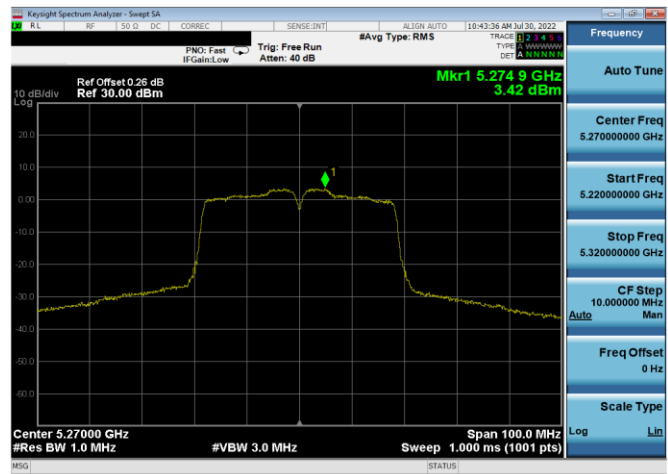
Plot 7-283. PSD Antenna 5b (160MHz BW 802.11ax(SU) - Ch. 50, MCS2)



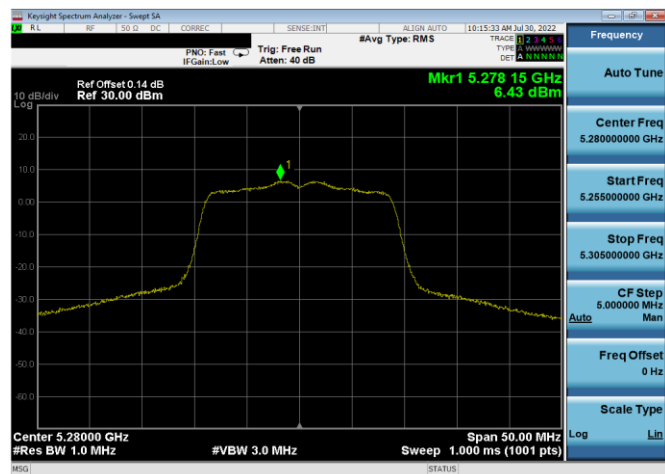
Plot 7-286. PSD Antenna 4a (20MHz BW 802.11ax(SU) - Ch. 56, MCS2)



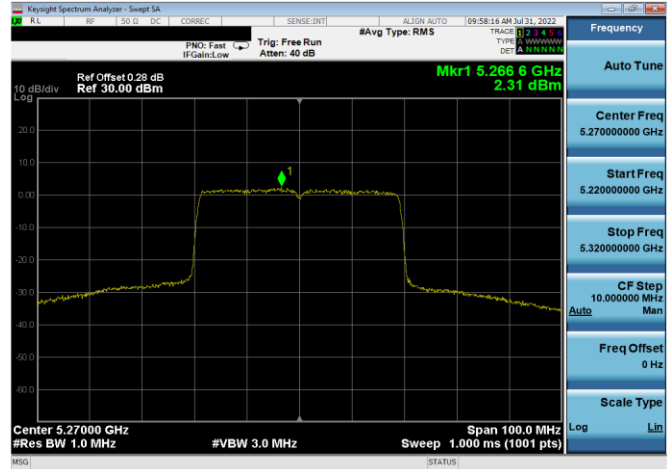
Plot 7-284. PSD Antenna 5b (160MHz BW 802.11ac - Ch. 50, MCS2)



Plot 7-287. PSD Antenna 4a (40MHz BW 802.11n - Ch. 54, MCS2)

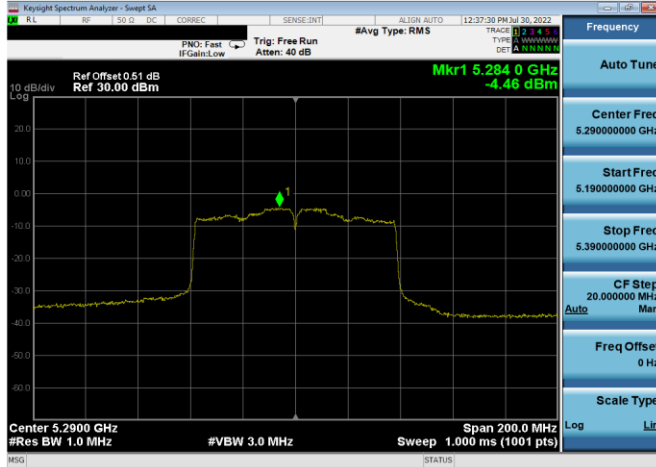


Plot 7-285. PSD Antenna 4a (20MHz BW 802.11n - Ch. 56, MCS2)

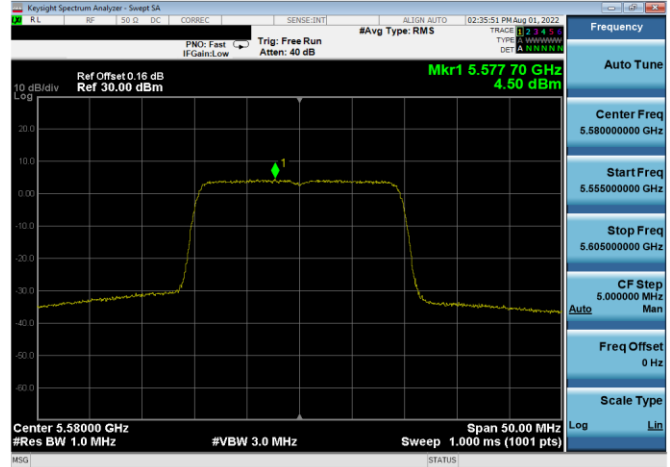


Plot 7-288. PSD Antenna 4a (40MHz BW 802.11ax(SU) - Ch. 54, MCS2)

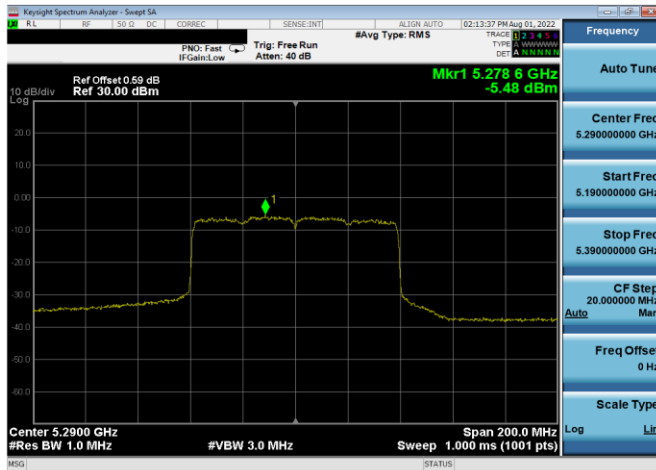
FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 129 of 365



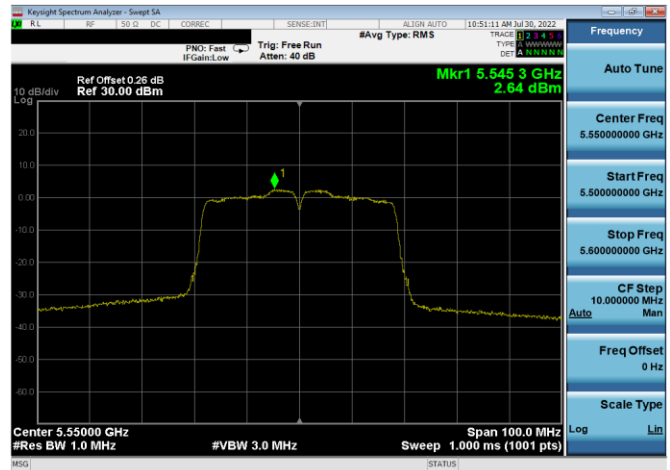
Plot 7-289. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 58, MCS)



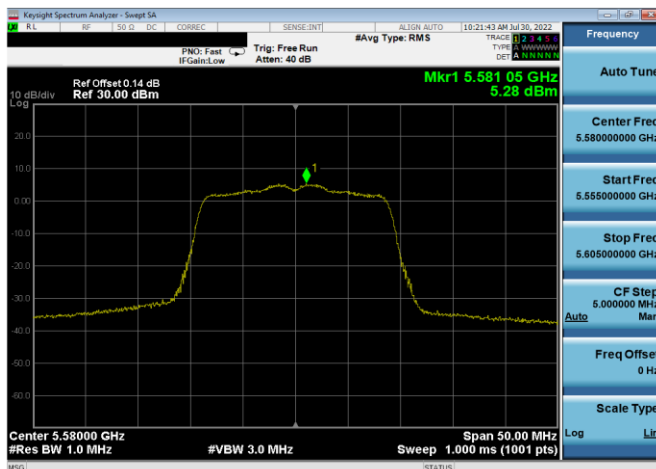
Plot 7-292. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 116, MCS2)



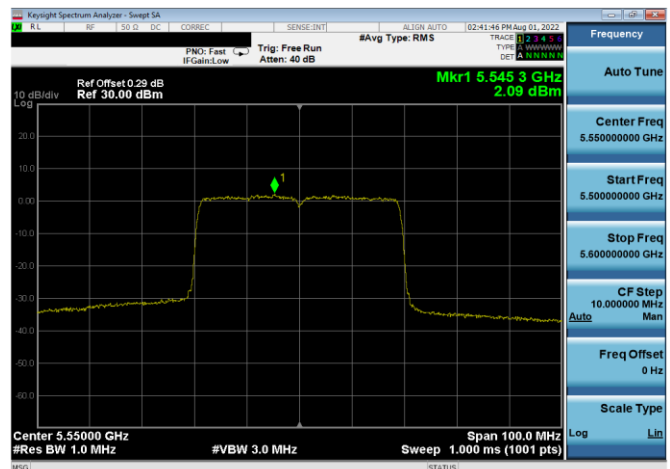
Plot 7-290. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 58, MCS2)



Plot 7-293. PSD Antenna 4a (40MHz BW 802.11n – Ch. 110, MCS2)

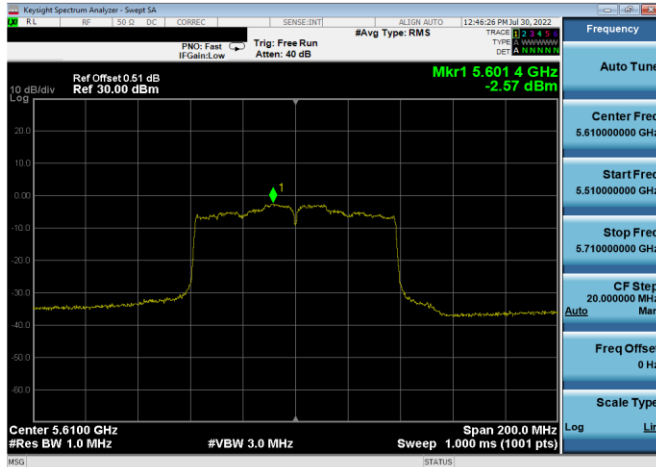


Plot 7-291. PSD Antenna 4a (20MHz BW 802.11n – Ch. 116, MCS2)

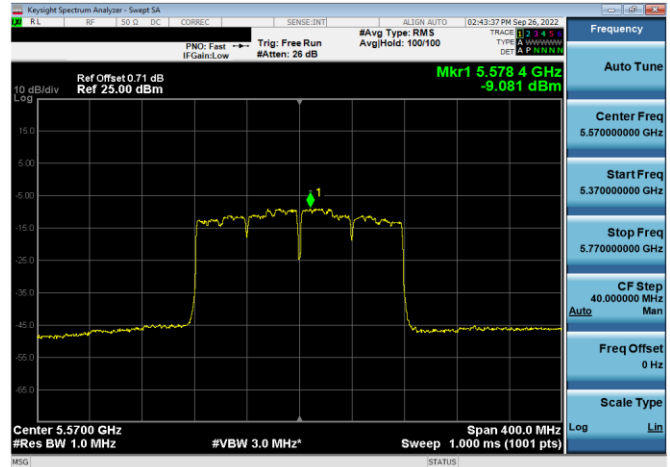


Plot 7-294. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 110, MCS2)

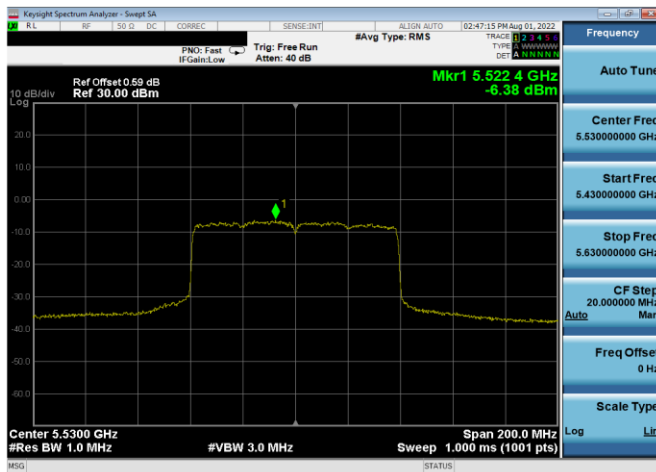
FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 130 of 365



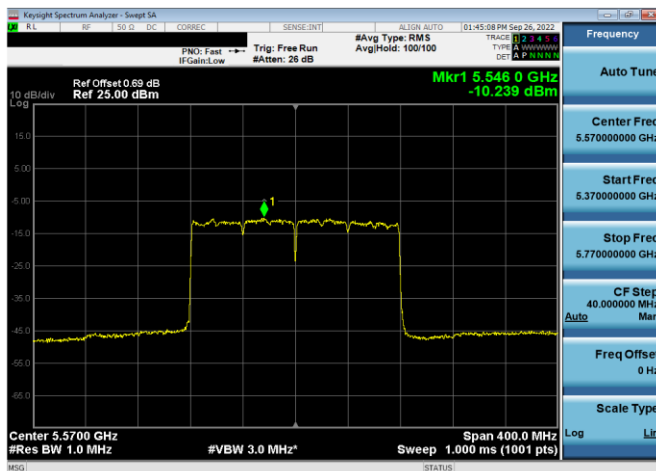
Plot 7-295. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS2 (FCC))



Plot 7-298. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS2 (FCC))



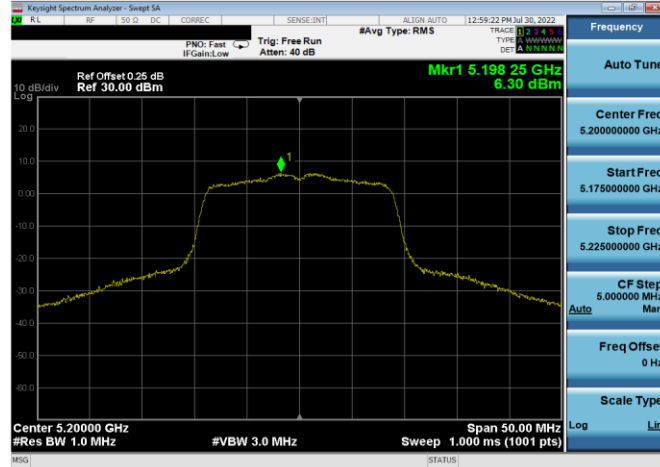
Plot 7-296. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS2 (FCC))



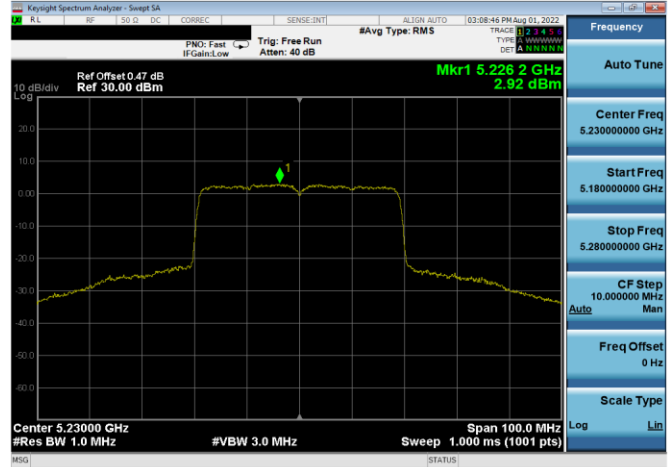
Plot 7-297. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 114, MCS2 (FCC))

FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 131 of 365

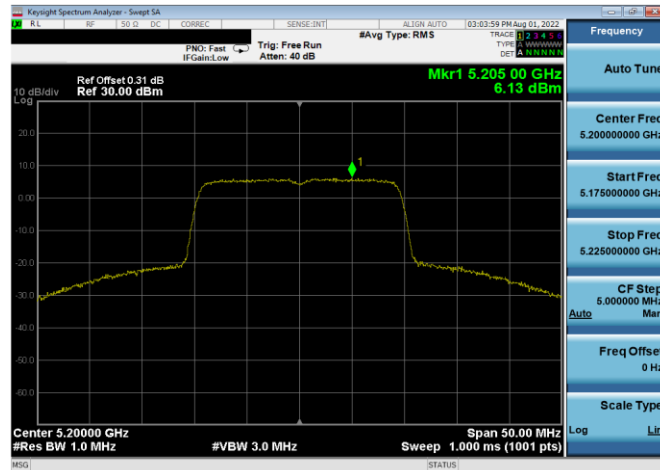
Mid Data Rate



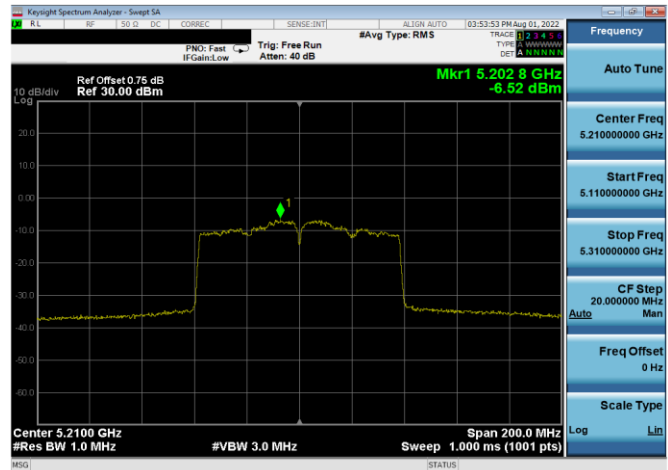
Plot 7-299. PSD Antenna 4a (20MHz BW 802.11n – Ch. 40, MCS4)



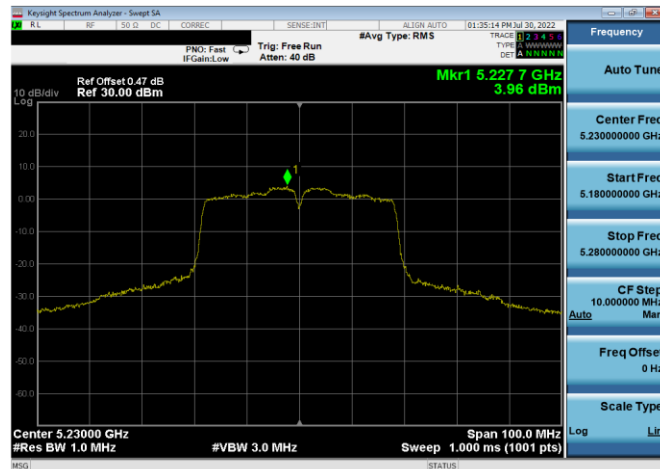
Plot 7-302. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



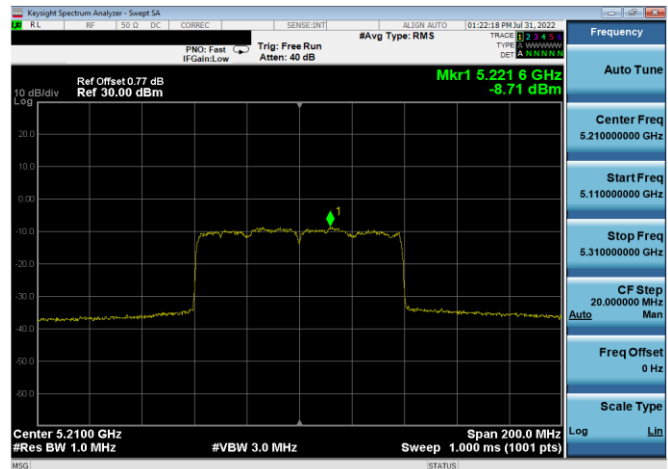
Plot 7-300. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)



Plot 7-303. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 42, MCS4)



Plot 7-301. PSD Antenna 4a (40MHz BW 802.11n – Ch. 46, MCS4)

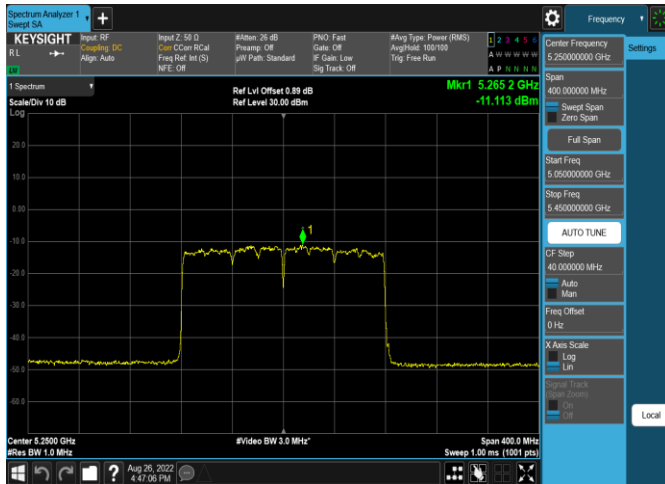


Plot 7-304. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)

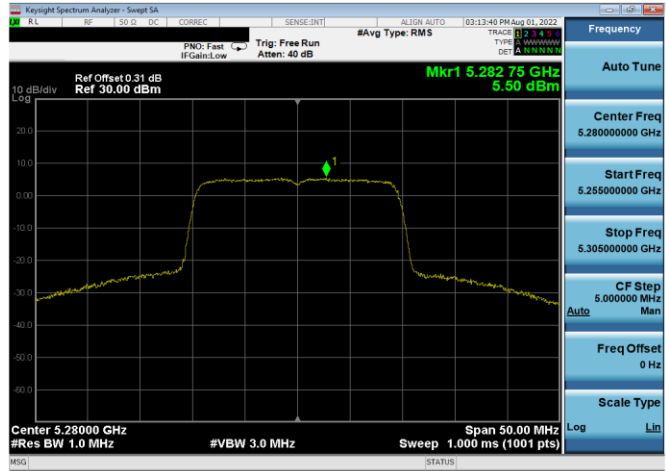
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 132 of 365

V 10.5 12/15/2021

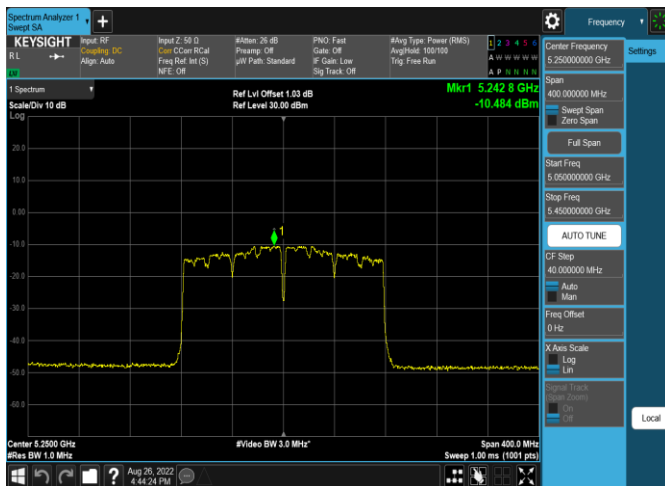
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



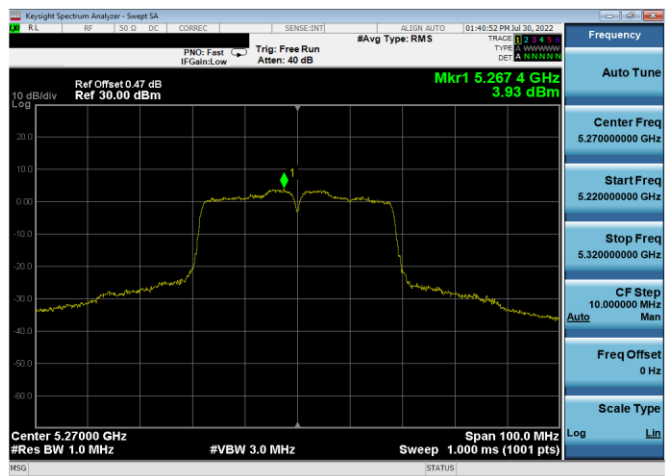
Plot 7-305. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 50, MCS4)



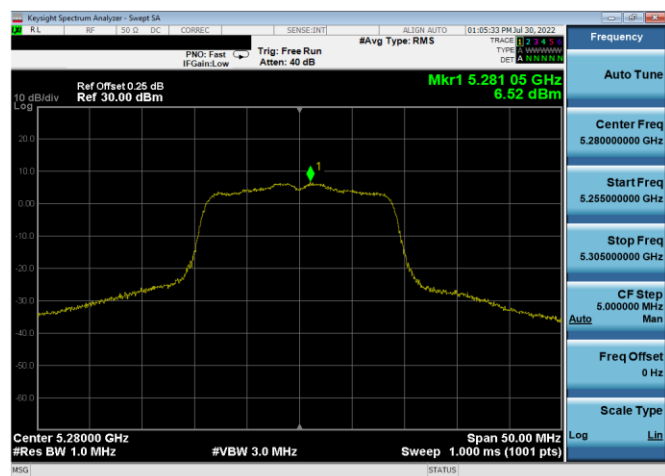
Plot 7-308. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 56, MCS4)



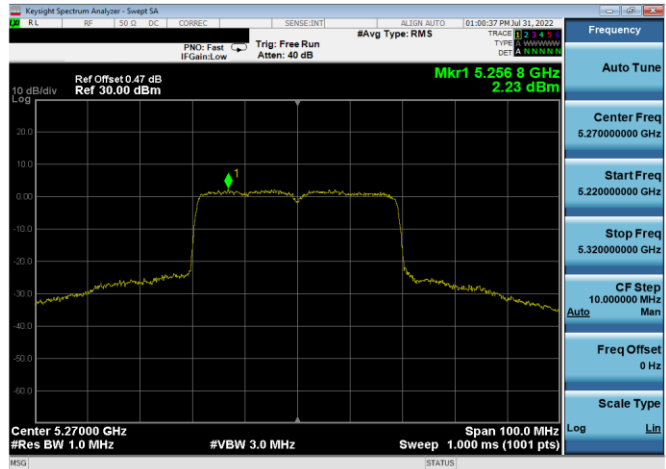
Plot 7-306. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 50, MCS4)



Plot 7-309. PSD Antenna 4a (40MHz BW 802.11n – Ch. 54, MCS4)

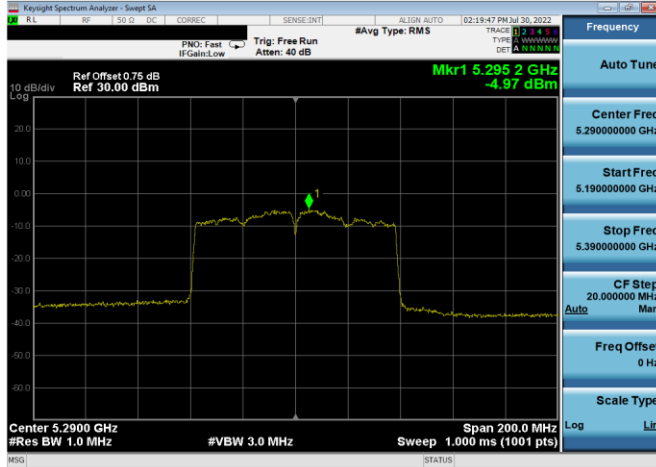


Plot 7-307. PSD Antenna 4a (20MHz BW 802.11n – Ch. 56, MCS4)

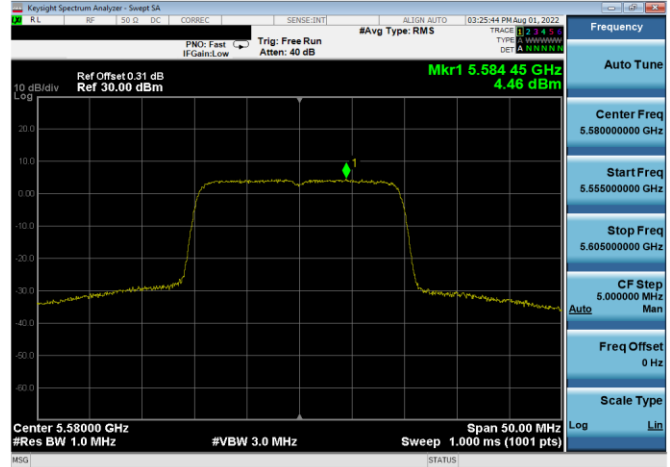


Plot 7-310. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 54, MCS4)

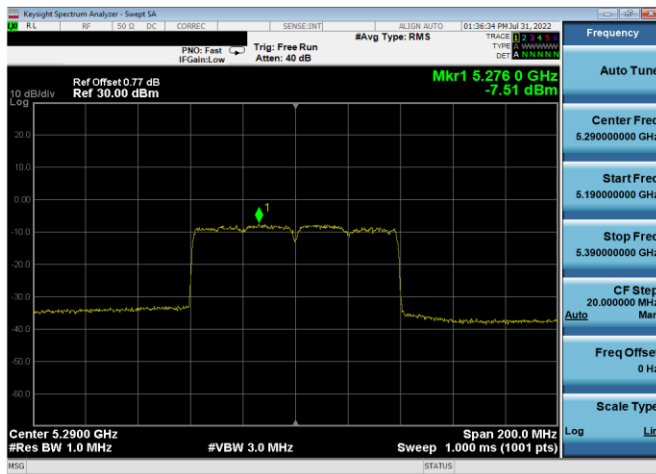
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 133 of 365



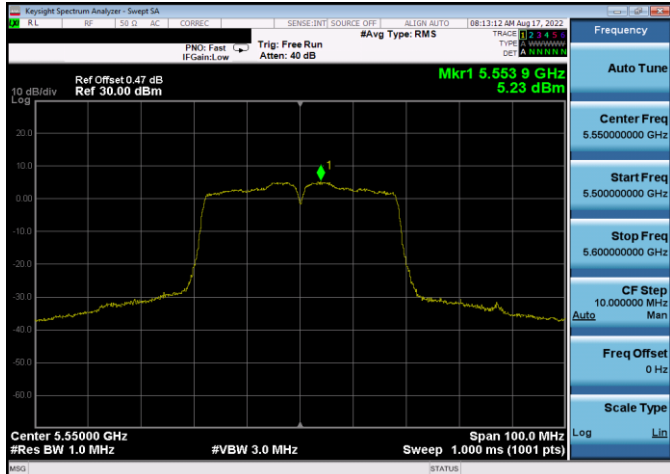
Plot 7-311. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 58, MCS4)



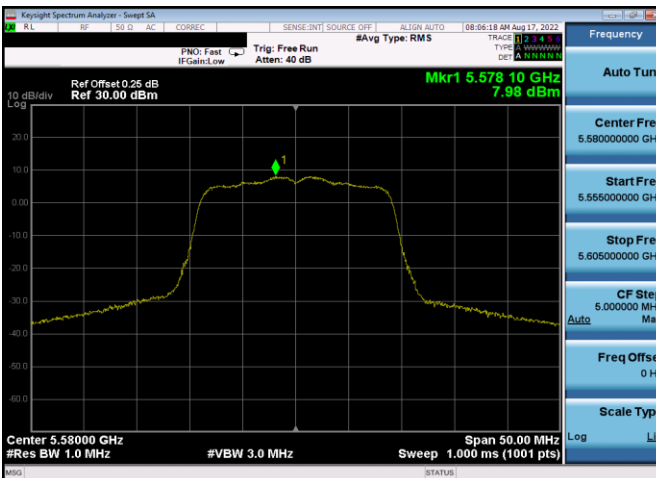
Plot 7-314. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



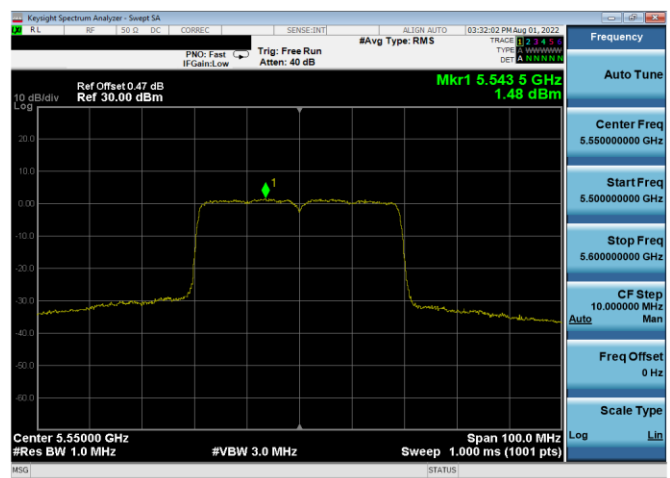
Plot 7-312. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 58, MCS4)



Plot 7-315. PSD Antenna 4a (40MHz BW 802.11n – Ch. 110, MCS4)

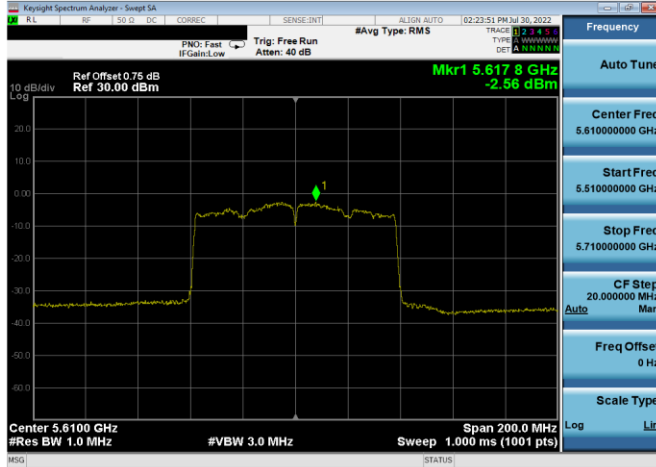


Plot 7-313. PSD Antenna 4a (20MHz BW 802.11n – Ch. 116, MCS4)

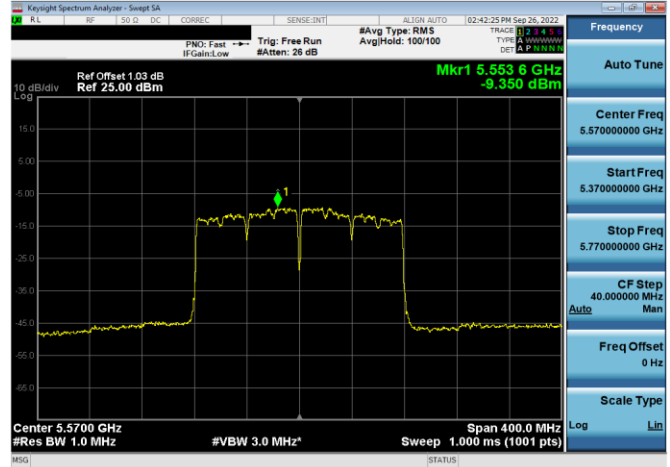


Plot 7-316. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)

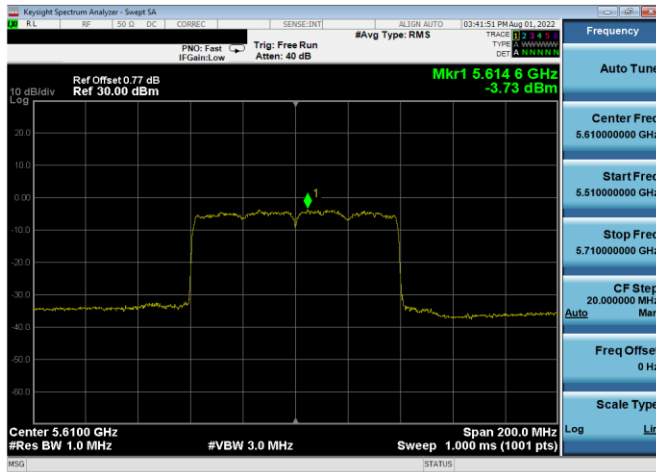
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 134 of 365



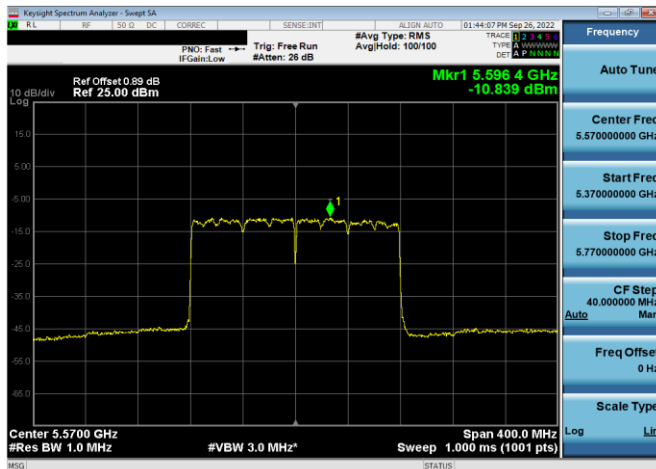
Plot 7-317. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS4 (FCC))



Plot 7-320. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS2 (FCC))



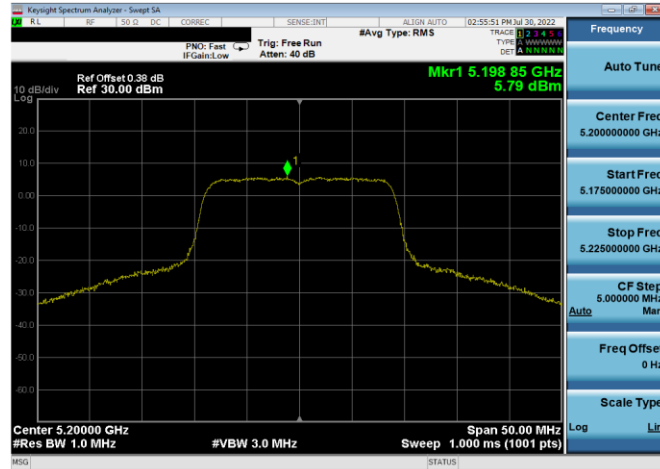
Plot 7-318. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS4 (FCC))



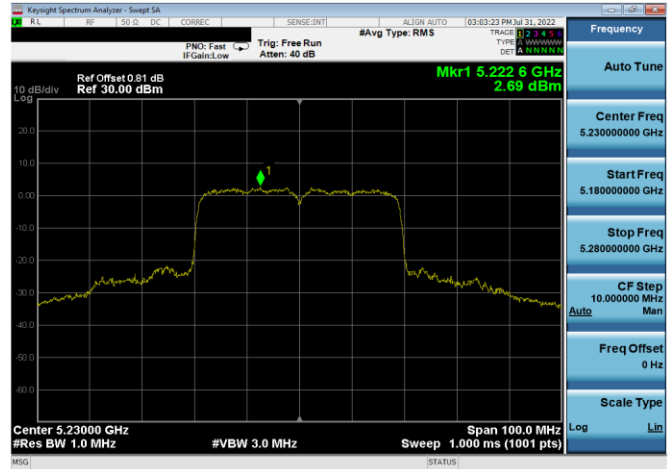
Plot 7-319. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 114, MCS2 (FCC))

FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 135 of 365

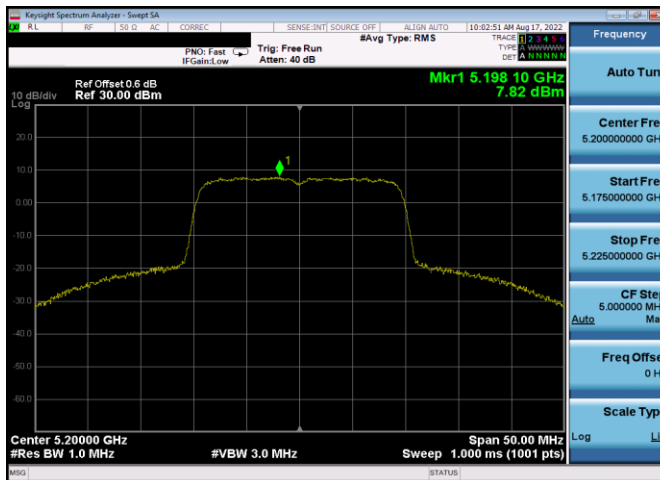
High Data Rate



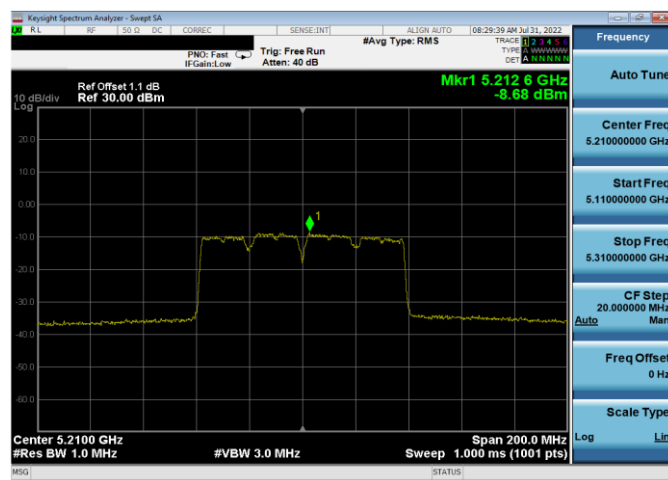
Plot 7-321. PSD Antenna 4a (20MHz BW 802.11n – Ch. 40, MCS7)



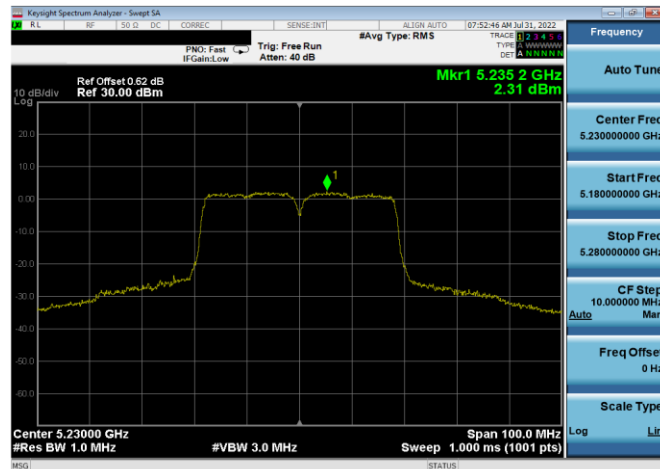
Plot 7-324. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



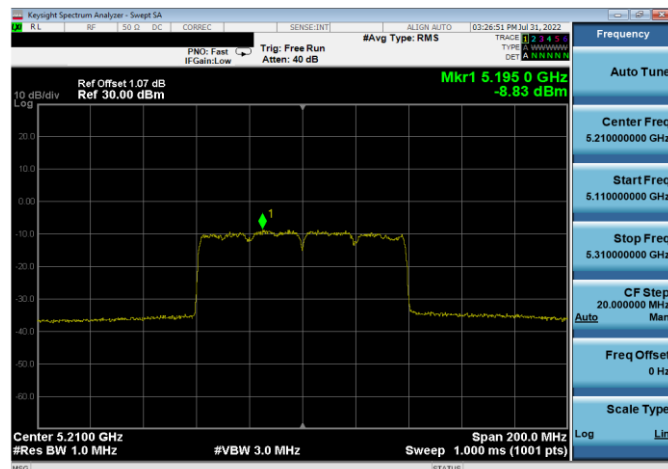
Plot 7-322. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



Plot 7-325. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 42, MCS9)



Plot 7-323. PSD Antenna 4a (40MHz BW 802.11n – Ch. 46, MCS7)

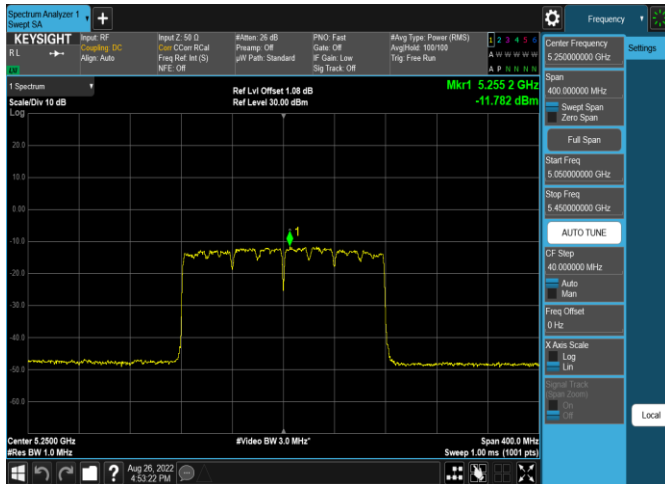


Plot 7-326. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

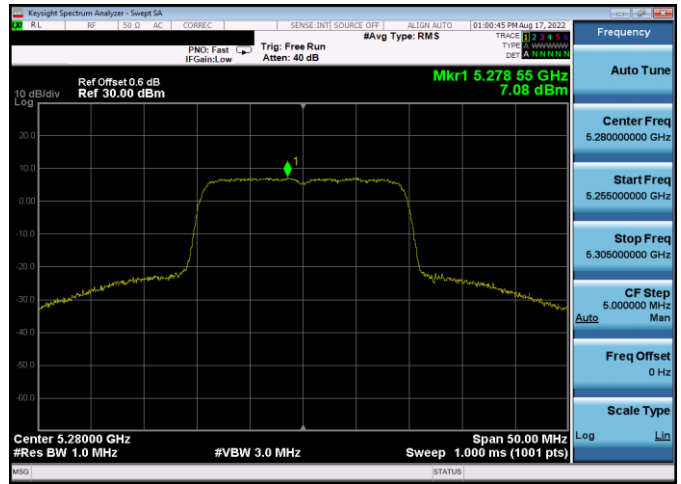
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 136 of 365

V 10.5 12/15/2021

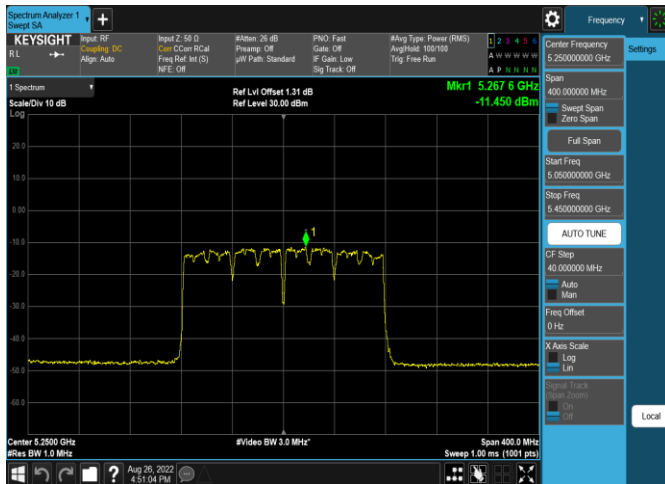
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



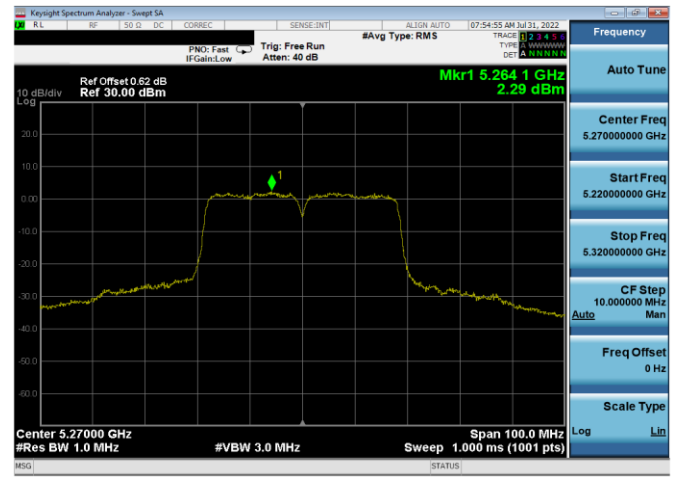
Plot 7-327. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 50, MCS11)



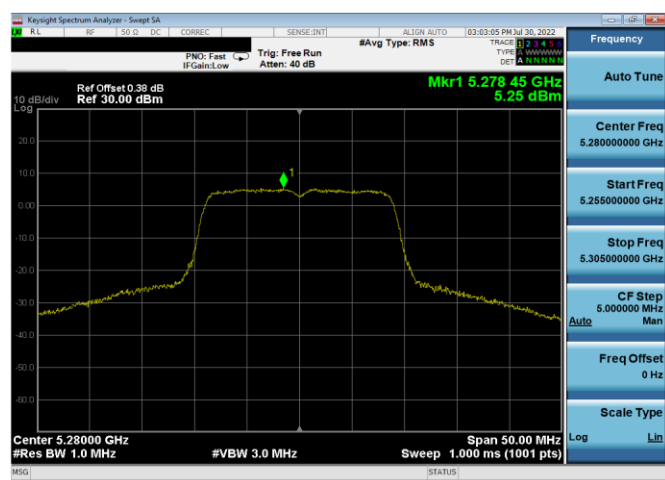
Plot 7-330. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



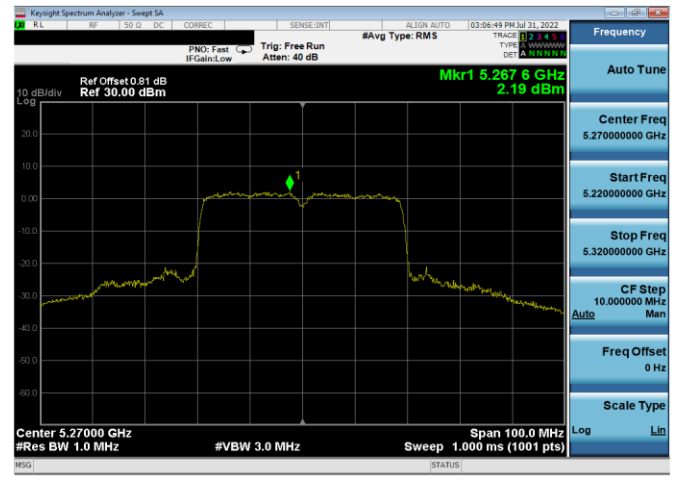
Plot 7-328. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 50, MCS9)



Plot 7-331. PSD Antenna 4a (40MHz BW 802.11n – Ch. 54, MCS7)

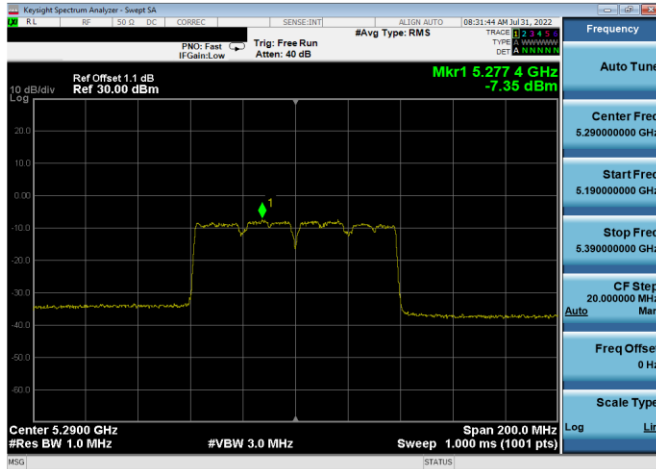


Plot 7-329. PSD Antenna 4a (20MHz BW 802.11n – Ch. 56, MCS7)

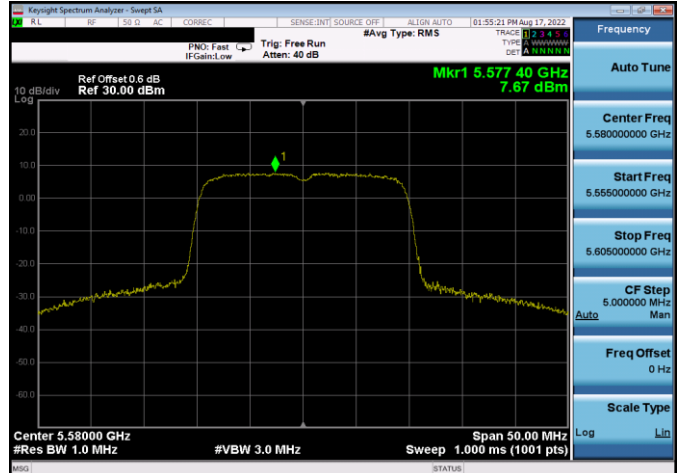


Plot 7-332. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)

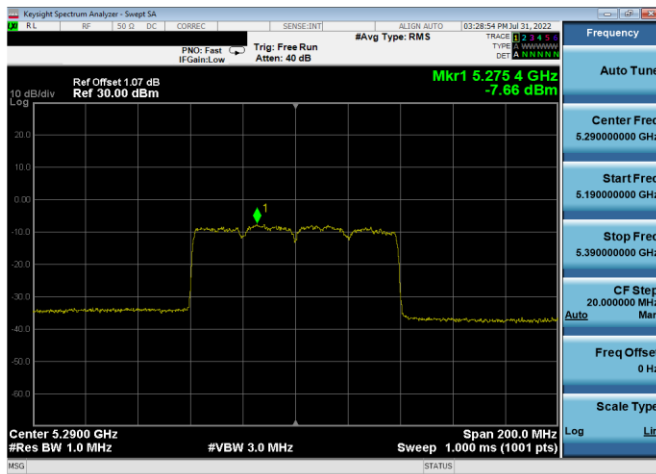
FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 137 of 365



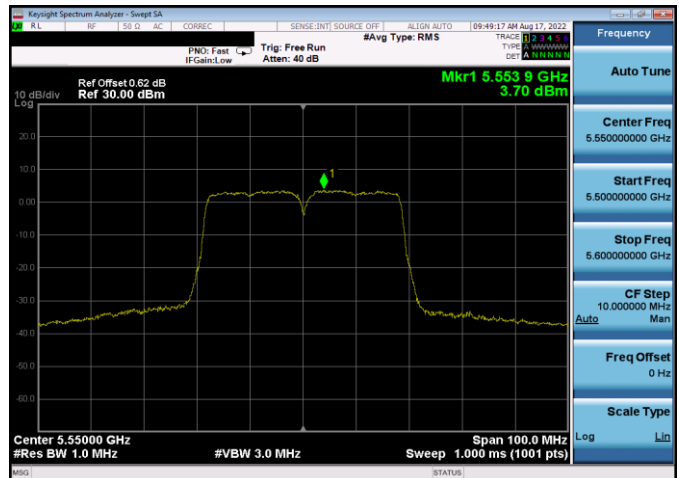
Plot 7-333. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 58, MCS9)



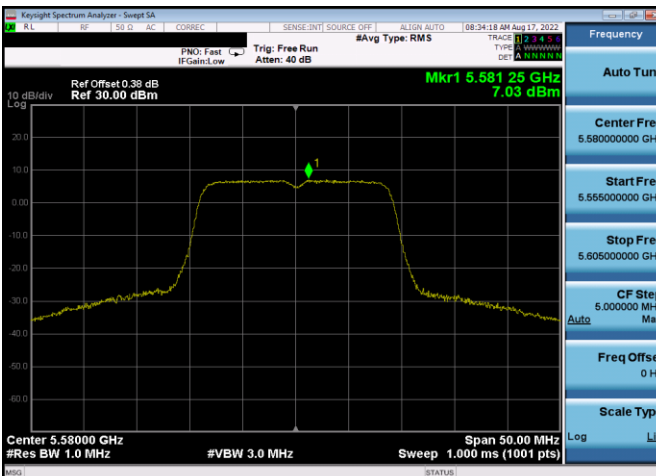
Plot 7-336. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



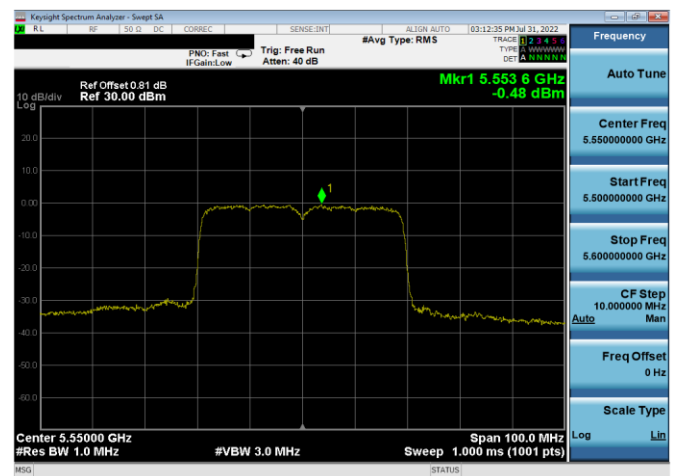
Plot 7-334. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)



Plot 7-337. PSD Antenna 4a (40MHz BW 802.11n – Ch. 110, MCS7)

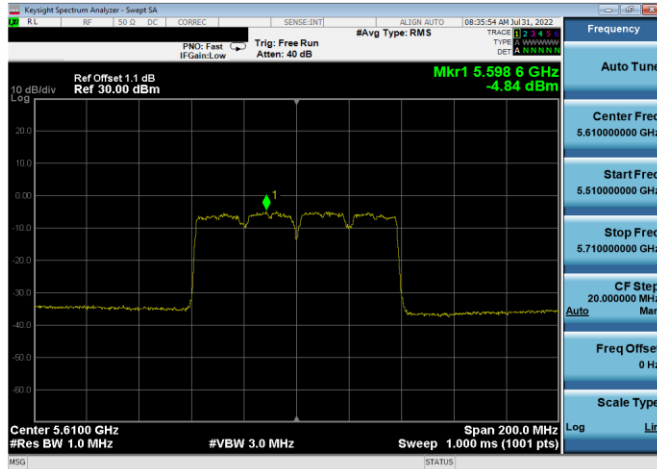


Plot 7-335. PSD Antenna 4a (20MHz BW 802.11n – Ch. 116, MCS7)

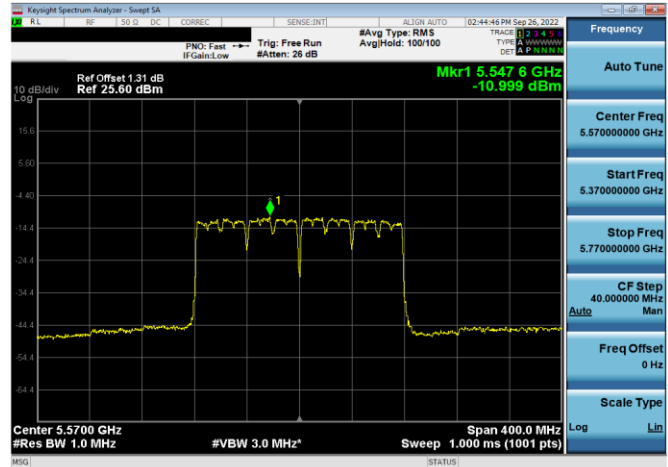


Plot 7-338. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)

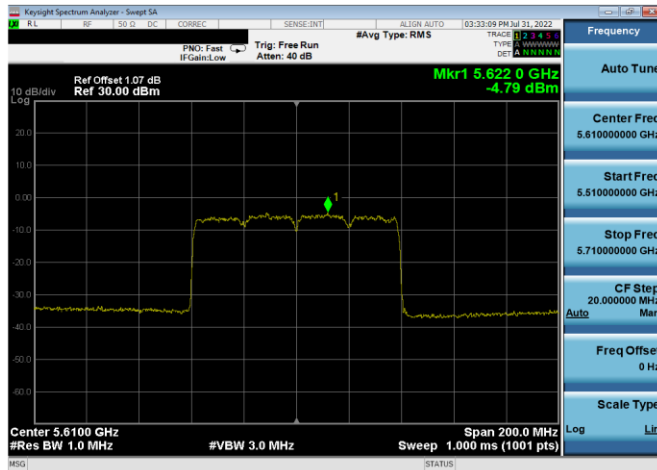
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 138 of 365



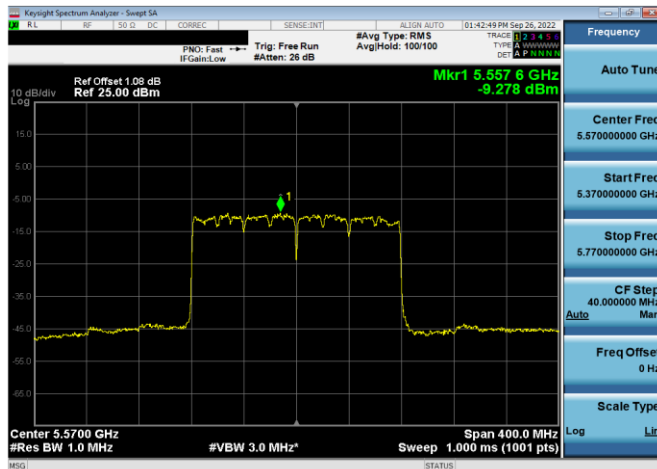
Plot 7-339. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS9 (FCC))



Plot 7-342. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS9 (FCC))



Plot 7-340. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS11 (FCC))



Plot 7-341. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 114, MCS11 (FCC))

FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 139 of 365

	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)	5.82	30.0	-24.18
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	6.27	30.0	-23.73
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	5.51	30.0	-24.49
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	3.86	30.0	-26.14
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	4.17	30.0	-25.83
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	0.64	30.0	-29.36
	5755	151	n (40MHz)	40.5/45 (MCS2)	0.19	30.0	-29.81
	5795	159	n (40MHz)	40.5/45 (MCS2)	-0.61	30.0	-30.61
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	-1.59	30.0	-31.59
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	-1.72	30.0	-31.72
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	-1.28	30.0	-31.28
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.74	30.0	-33.74

Table 7-128. Band 3 Power Spectral Density Measurements Antenna 4a (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)	6.01	30.0	-23.99
	5785	157	n (20MHz)	39/43.3 (MCS4)	6.14	30.0	-23.86
	5825	165	n (20MHz)	39/43.3 (MCS4)	6.17	30.0	-23.83
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	4.42	30.0	-25.58
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	4.18	30.0	-25.82
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	4.32	30.0	-25.68
	5755	151	n (40MHz)	81/90 (MCS4)	3.10	30.0	-26.90
	5795	159	n (40MHz)	81/90 (MCS4)	3.11	30.0	-26.89
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	2.64	30.0	-27.36
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	2.38	30.0	-27.63
	5775	155	ac (80MHz)	175.5/195 (MCS4)	2.54	30.0	-27.46
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-0.30	30.0	-30.30

Table 7-129. Band 3 Power Spectral Density Measurements Antenna 4a (Mid Data Rate)

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 140 of 365

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)	5.68	30.0	-24.33
	5785	157	n (20MHz)	65/72.2 (MCS7)	5.52	30.0	-24.48
	5825	165	n (20MHz)	65/72.2 (MCS7)	5.58	30.0	-24.42
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	5.03	30.0	-24.97
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	4.91	30.0	-25.09
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	4.95	30.0	-25.05
	5755	151	n (40MHz)	135/150 (MCS7)	2.36	30.0	-27.64
	5795	159	n (40MHz)	135/150 (MCS7)	1.99	30.0	-28.01
	5755	151	ax (SU) (40MHz)	271/286.8 (MCS11)	-1.25	30.0	-31.25
	5795	159	ax (SU) (40MHz)	271/286.8 (MCS11)	-1.62	30.0	-31.62
	5775	155	ac (80MHz)	390/433.3 (MCS9)	0.40	30.0	-29.60
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-5.29	30.0	-35.29

Table 7-130. Band 3 Power Spectral Density Measurements Antenna 4a (High Data Rate)

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 141 of 365

V 10.5 12/15/2021