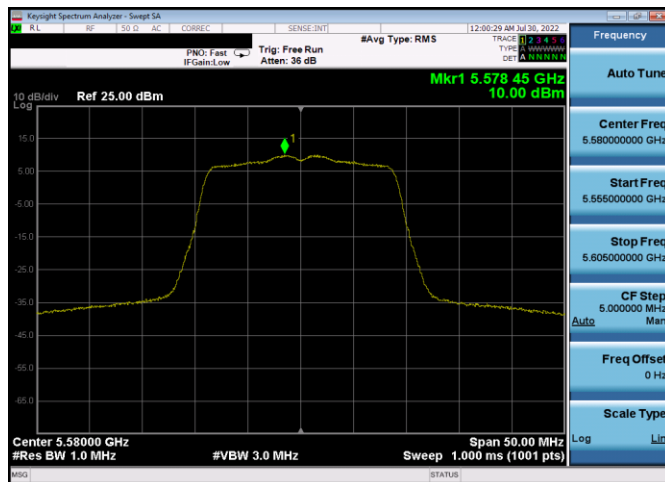
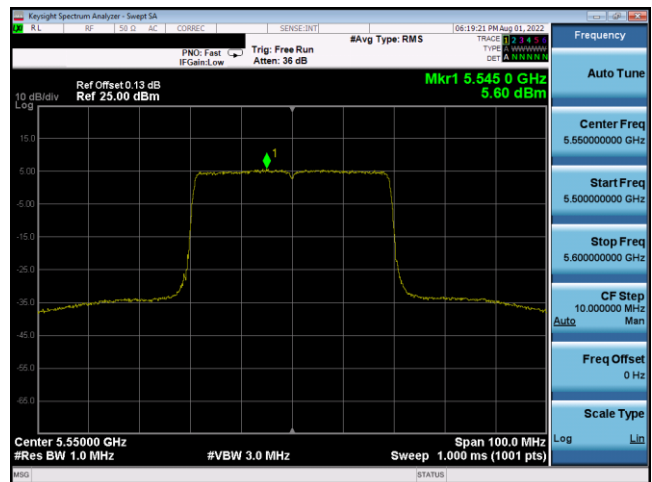
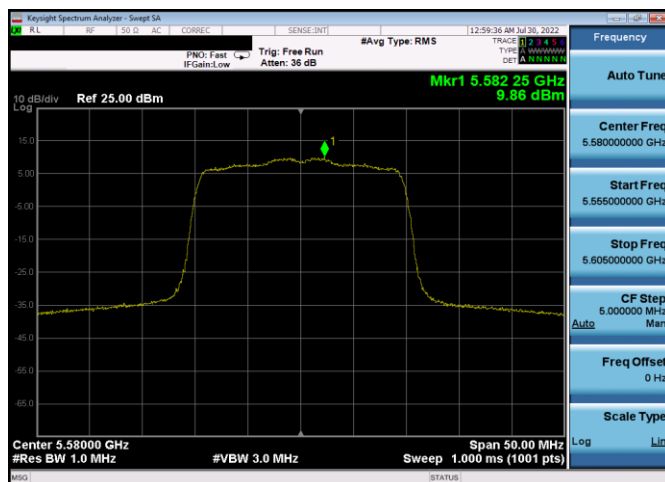




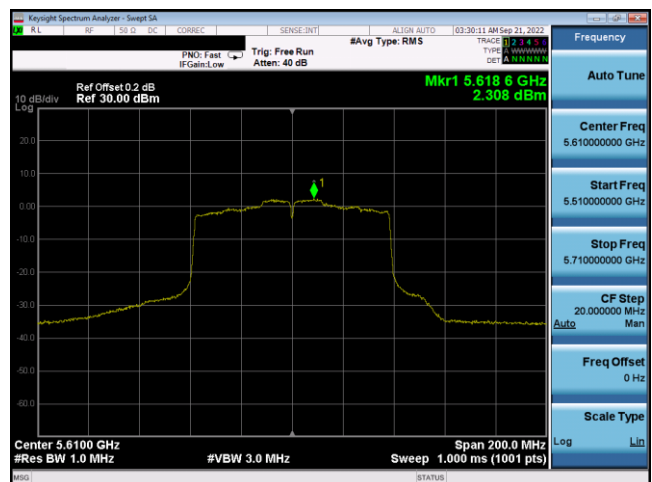
Plot 7-319. PSD Antenna 3a (20MHz BW 802.11n – Ch. 116, MCS0)



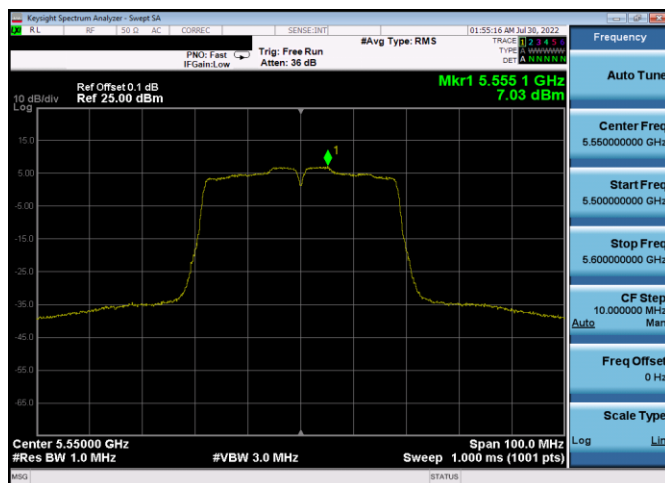
Plot 7-322. PSD Antenna 3a (40MHz BW 802.11ax(SU) – Ch. 110, MCS0)



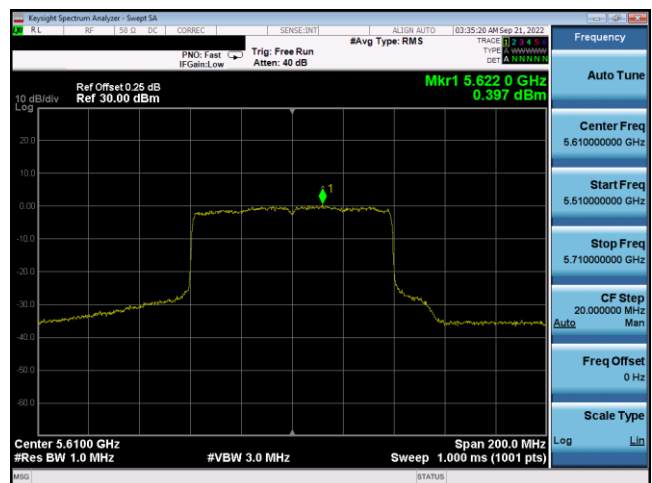
Plot 7-320. PSD Antenna 3a (20MHz BW 802.11ax(SU) – Ch. 116, MCS0)



Plot 7-323. PSD Antenna 3a (80MHz BW 802.11ac – Ch. 122, MCS0)

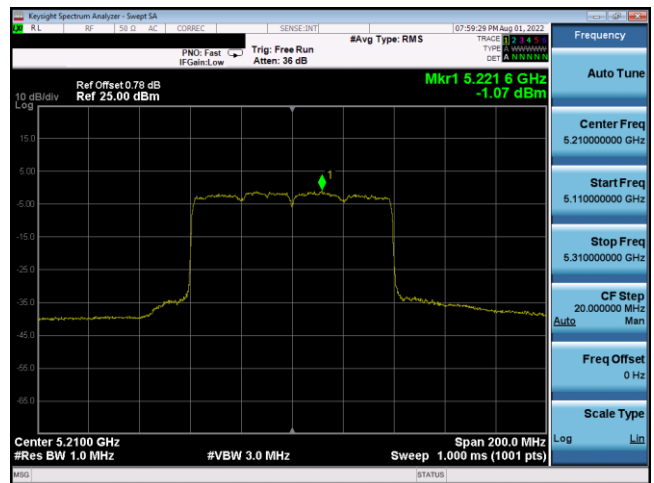
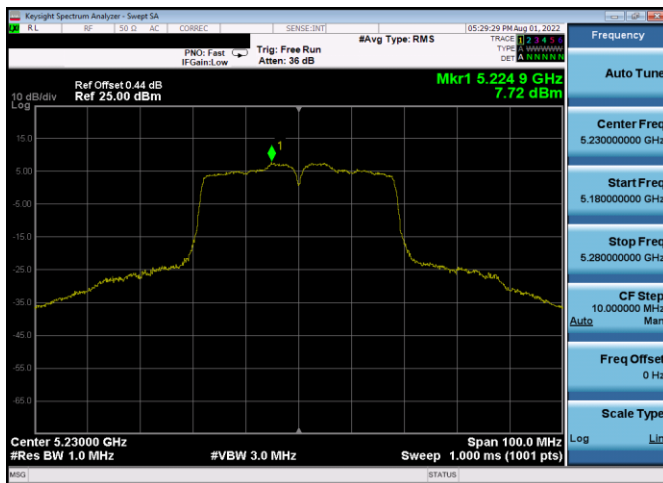
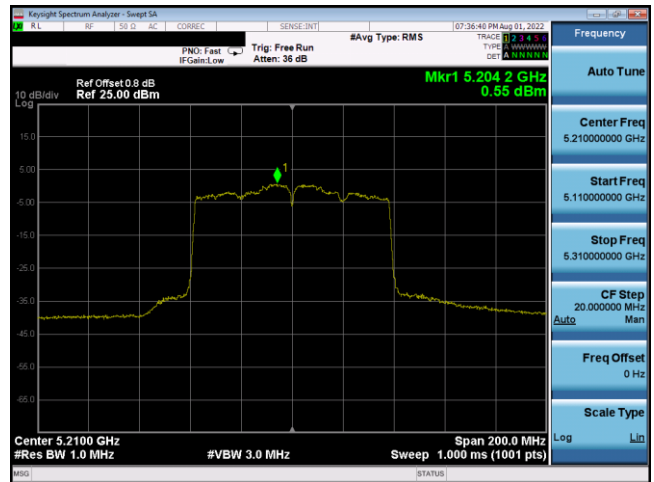
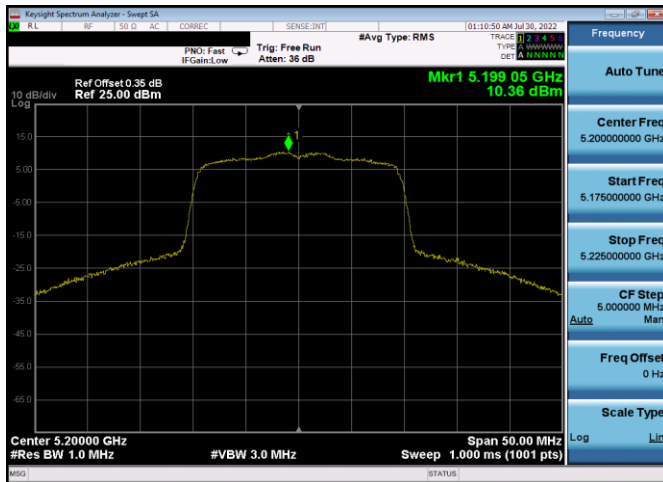
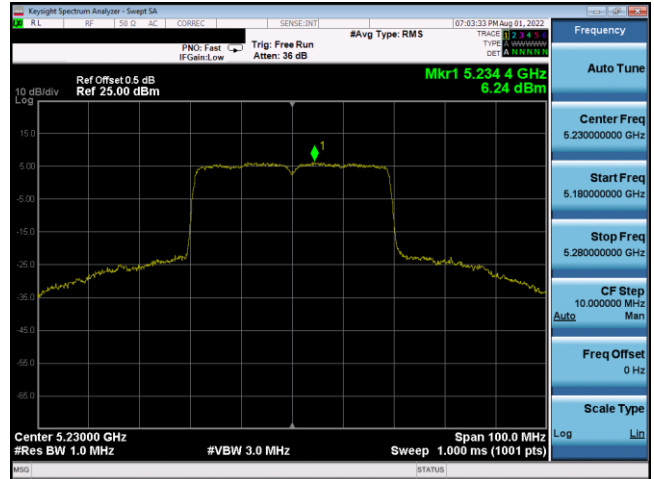
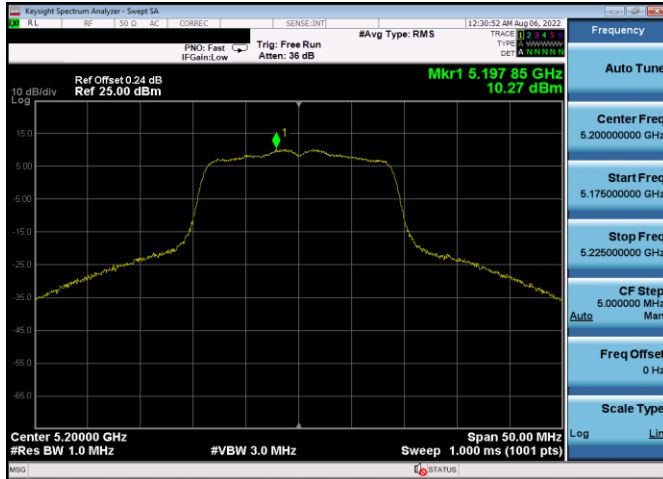


Plot 7-321. PSD Antenna 3a (40MHz BW 802.11n – Ch. 110, MCS0)

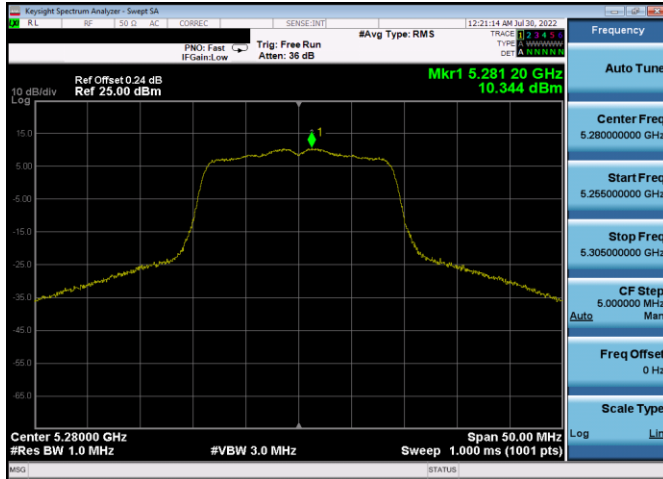


Plot 7-324. PSD Antenna 3a (80MHz BW 802.11ax(SU) – Ch. 122, MCS0)

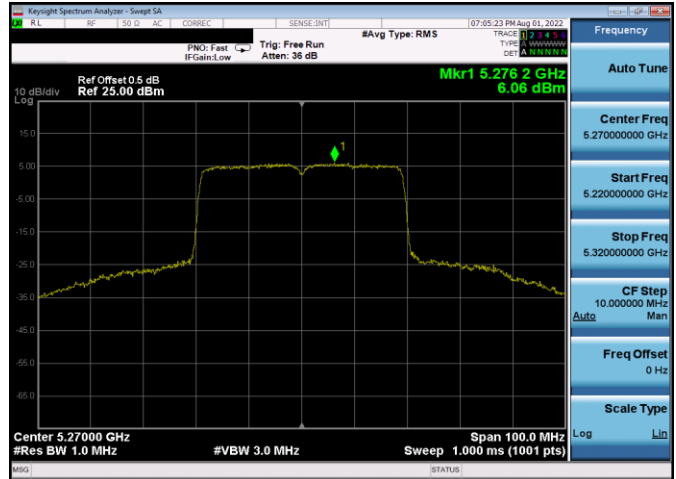
FCC ID: BCGA2757 IC: 579C-A2757			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 149 of 534	



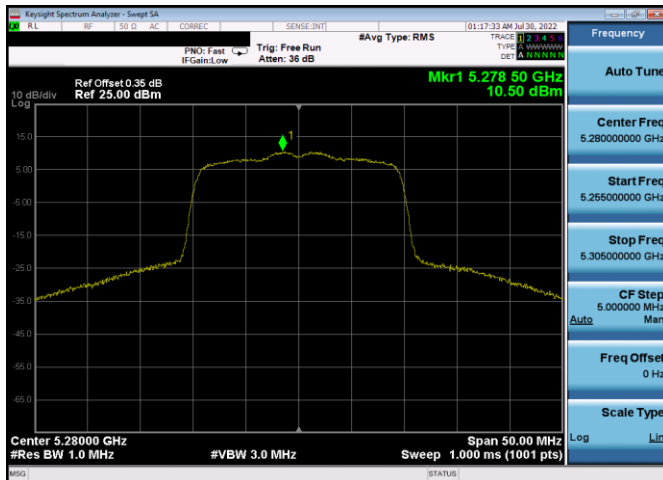
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG			Page 150 of 534
Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device		



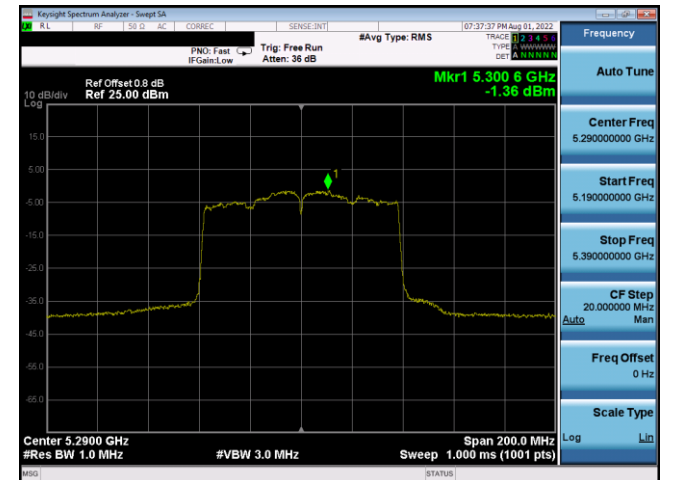
Plot 7-331. PSD Antenna 3a (20MHz BW 802.11n – Ch. 56, MCS4)



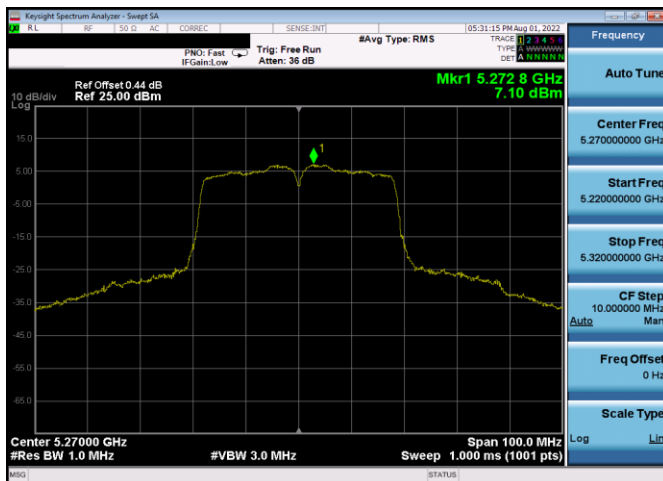
Plot 7-334. PSD Antenna 3a (40MHz BW 802.11ax(SU) – Ch. 54, MCS4)



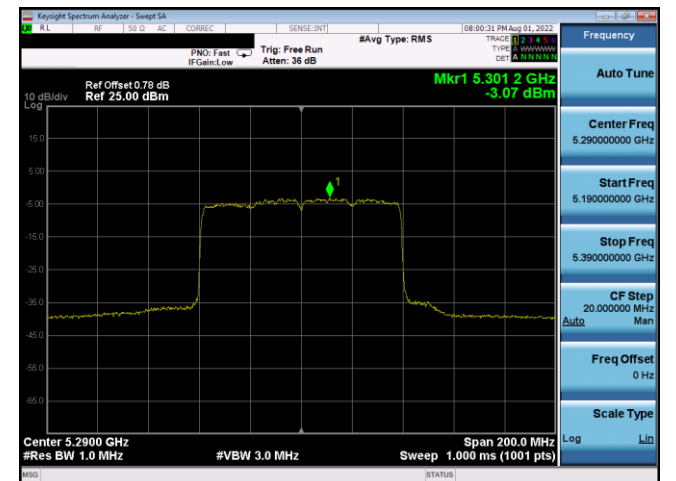
Plot 7-332. PSD Antenna 3a (20MHz BW 802.11ax(SU) – Ch. 56, MCS4)



Plot 7-335. PSD Antenna 3a (80MHz BW 802.11ac – Ch. 58, MCS4)

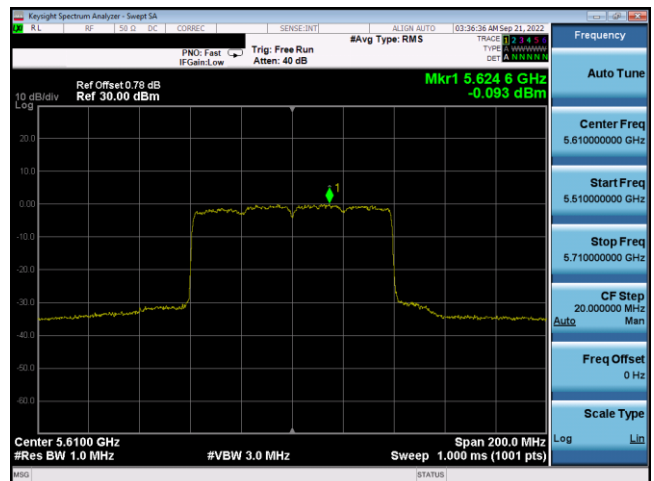
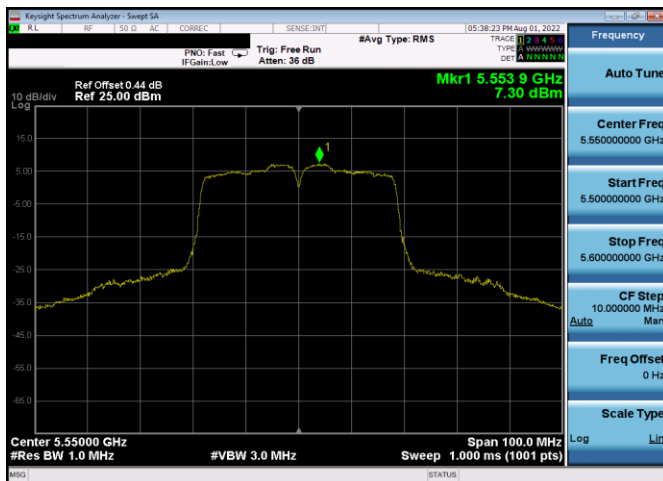
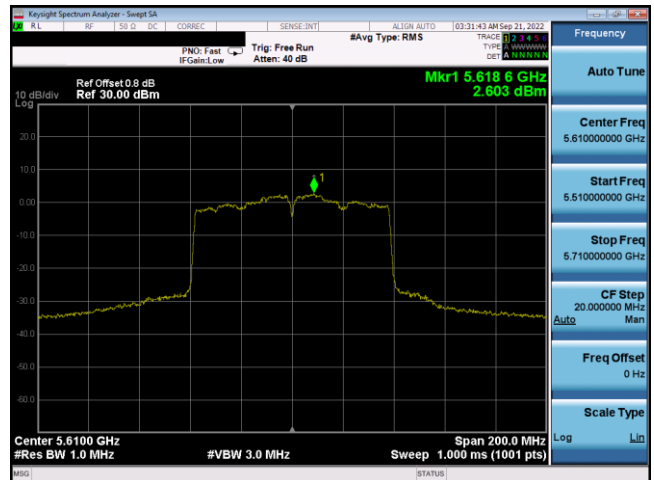
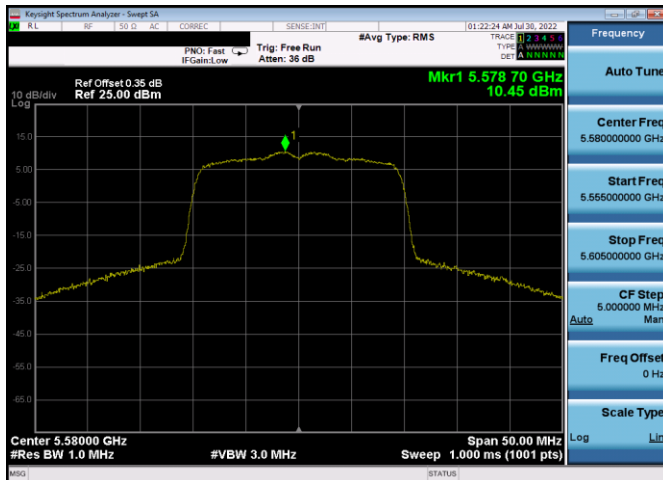
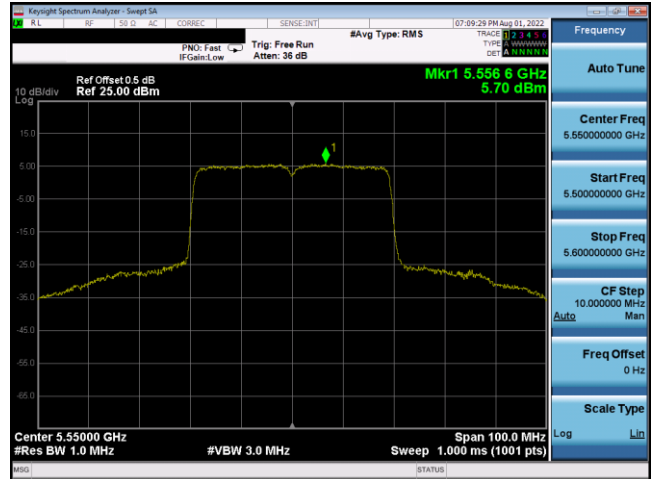
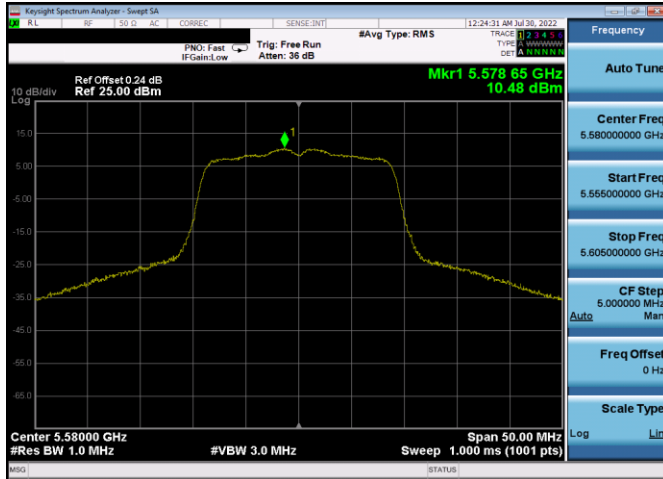


Plot 7-333. PSD Antenna 3a (40MHz BW 802.11n – Ch. 54, MCS4)

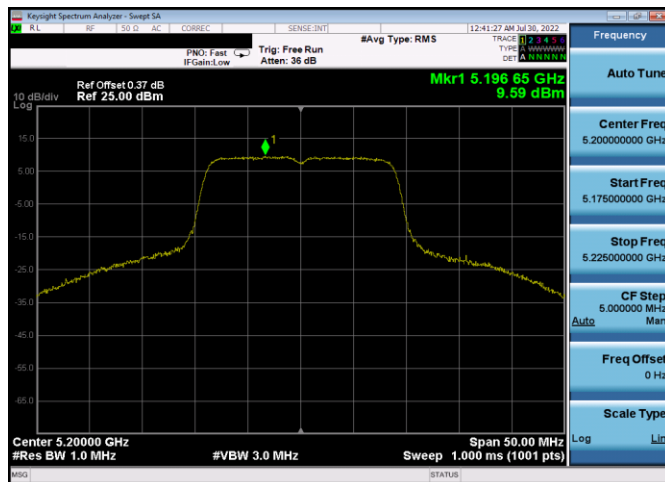


Plot 7-336. PSD Antenna 3a (80MHz BW 802.11ax(SU) – Ch. 58, MCS4)

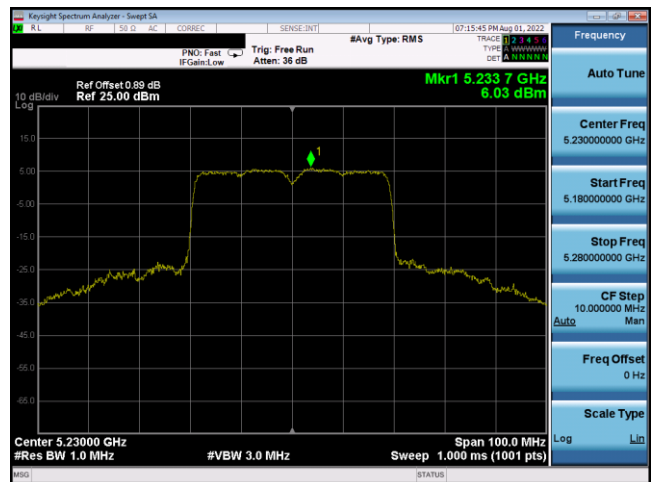
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 151 of 534



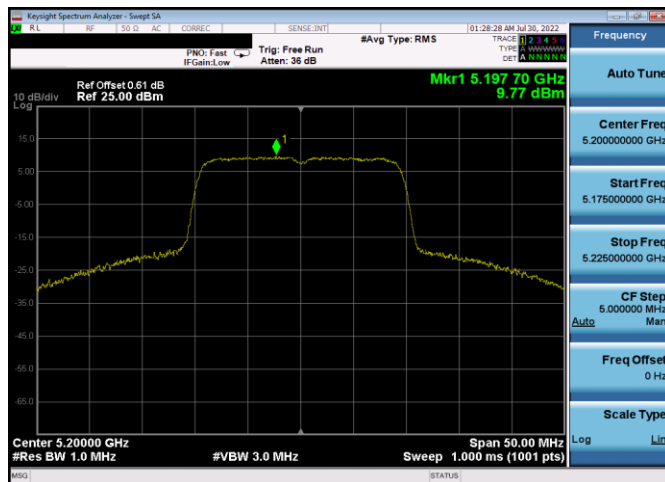
FCC ID: BCGA2757 IC: 579C-A2757	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 152 of 534



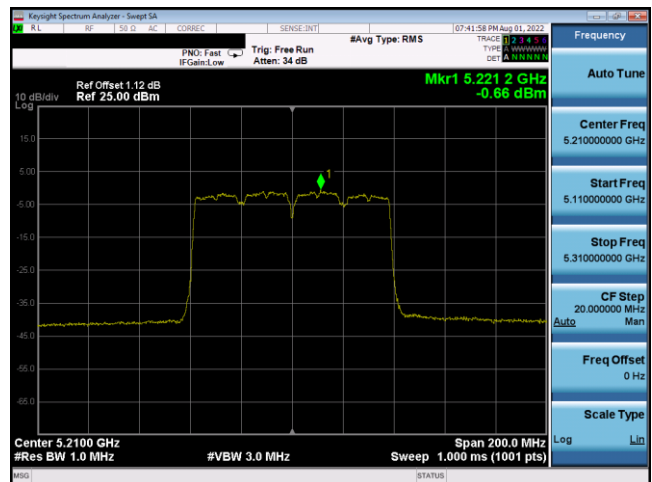
Plot 7-343. PSD Antenna 3a (20MHz BW 802.11n – Ch. 40, MCS7)



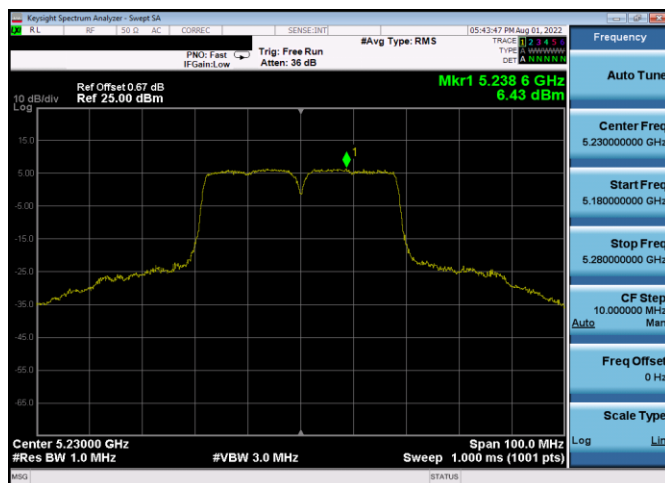
Plot 7-346. PSD Antenna 3a (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



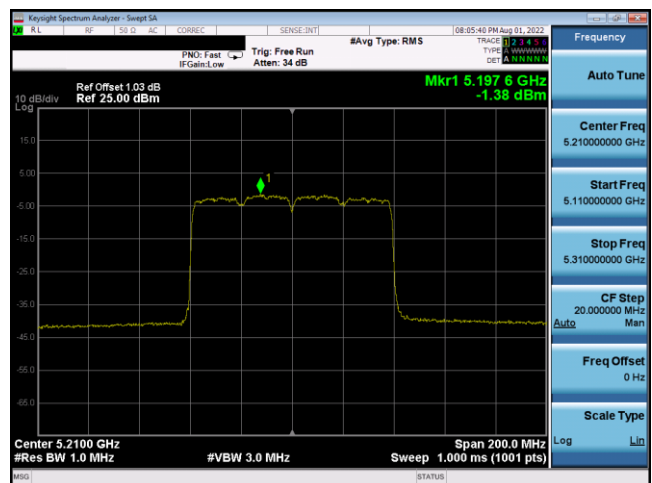
Plot 7-344. PSD Antenna 3a (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



Plot 7-347. PSD Antenna 3a (80MHz BW 802.11ac – Ch. 42, MCS9)

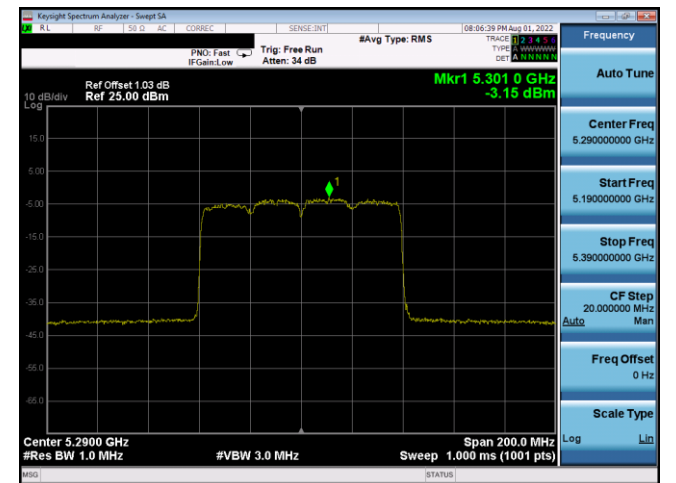
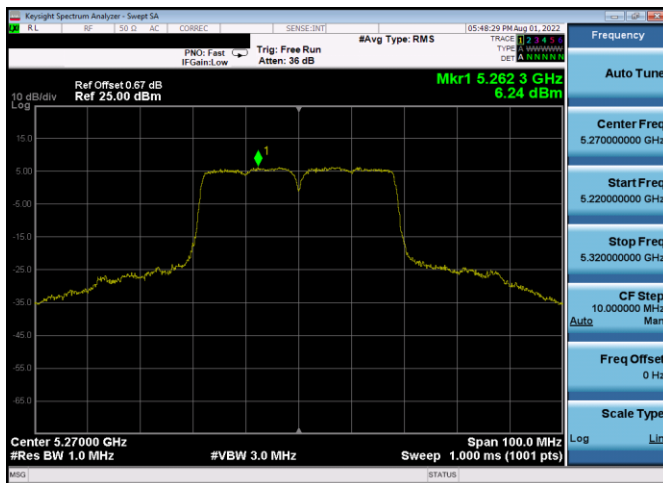
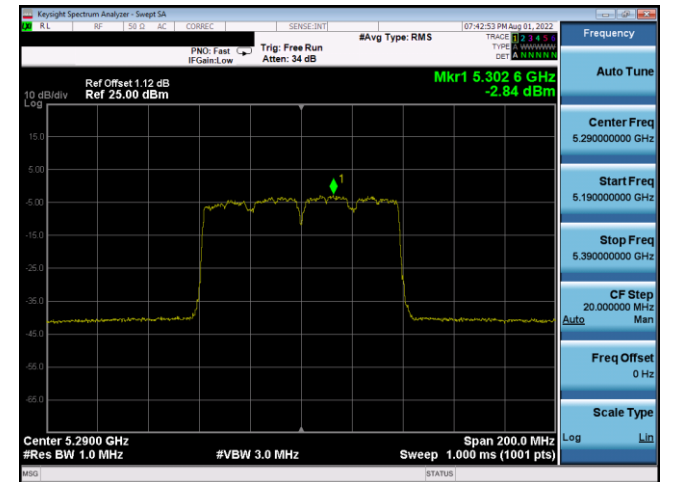
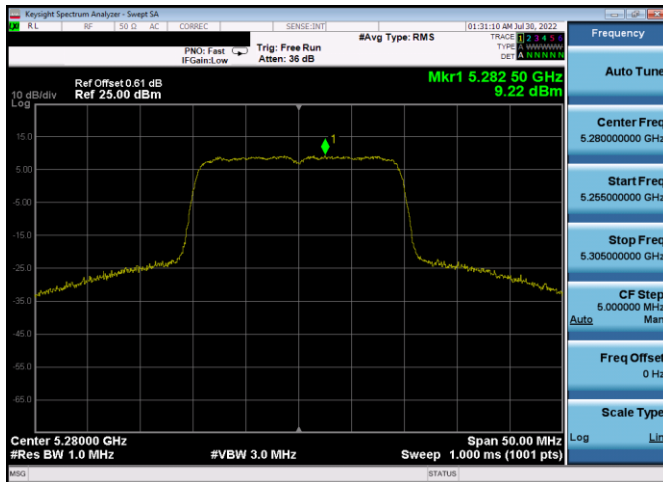
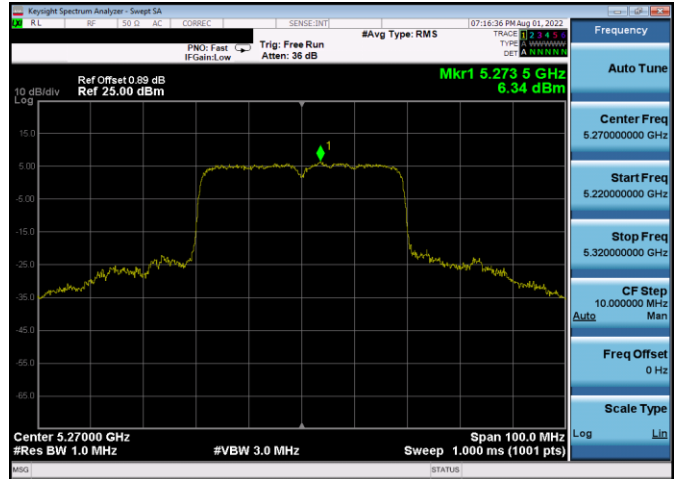
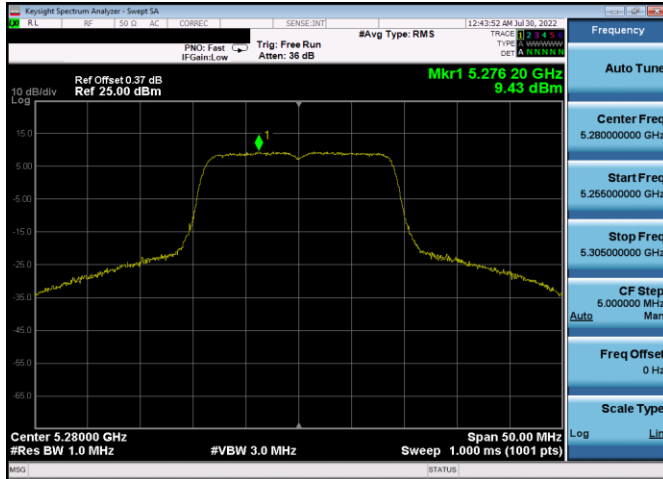


Plot 7-345. PSD Antenna 3a (40MHz BW 802.11n – Ch. 46, MCS7)

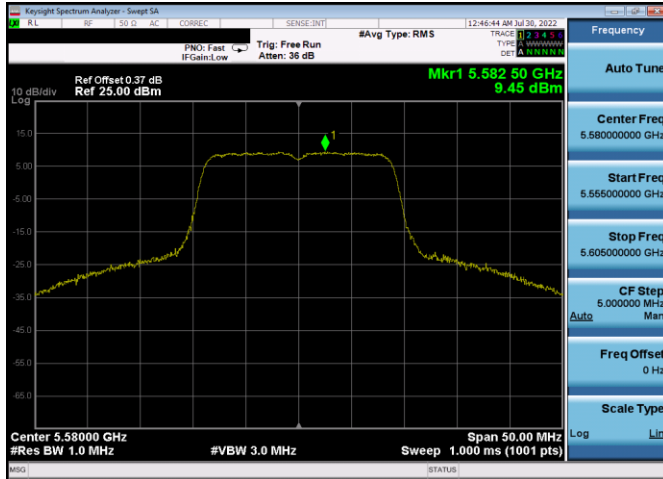


Plot 7-348. PSD Antenna 3a (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

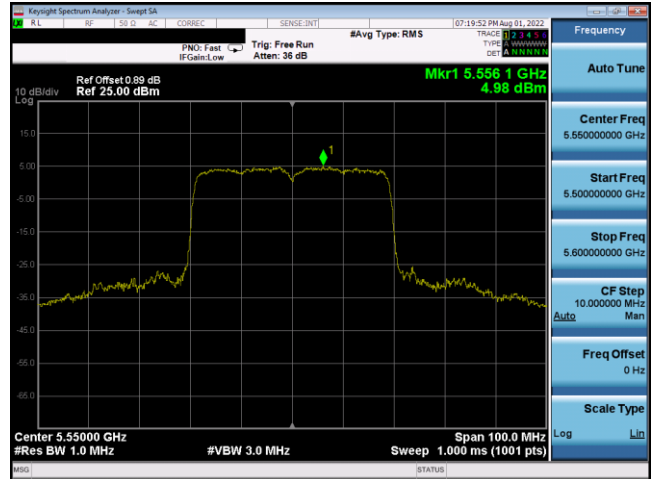
FCC ID: BCGA2757 IC: 579C-A2757			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device		Page 153 of 534



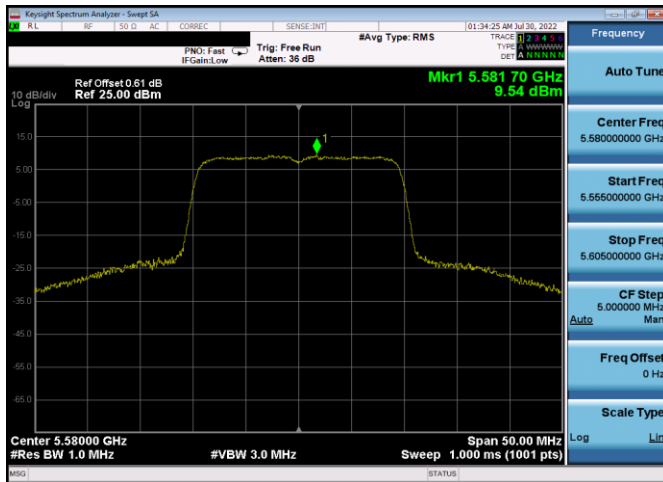
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 154 of 534



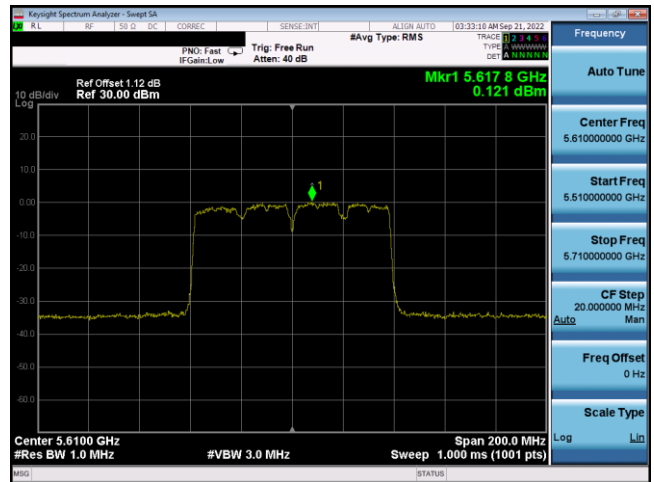
Plot 7-355. PSD Antenna 3a (20MHz BW 802.11n – Ch. 116, MCS7)



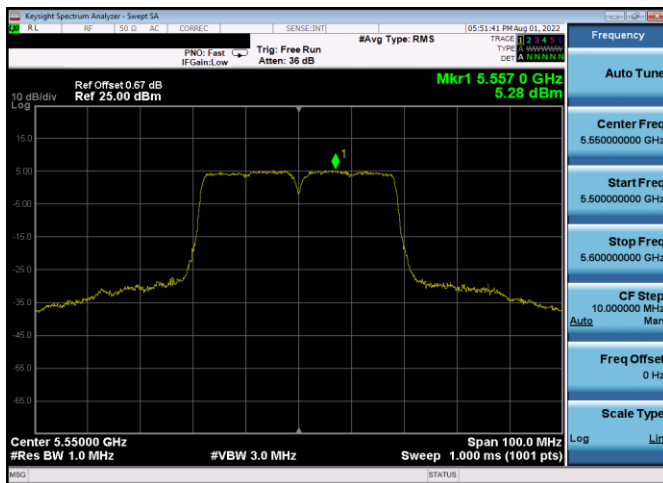
Plot 7-358. PSD Antenna 3a (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



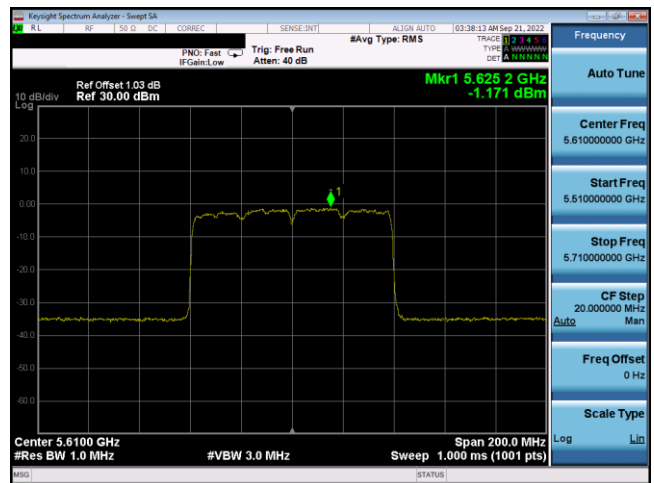
Plot 7-356. PSD Antenna 3a (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



Plot 7-359. PSD Antenna 3a (80MHz BW 802.11ac – Ch. 122, MCS9)



Plot 7-357. PSD Antenna 3a (40MHz BW 802.11n – Ch. 110, MCS7)



Plot 7-360. PSD Antenna 3a (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)

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 155 of 534

	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)	7.04	30.0	-22.96
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	6.99	30.0	-23.01
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	7.25	30.0	-22.75
	5745	149	ax (SU) (20MHz)	8/8.6 (MCS0)	6.63	30.0	-23.37
	5785	157	ax (SU) (20MHz)	8/8.6 (MCS0)	6.78	30.0	-23.22
	5825	165	ax (SU) (20MHz)	8/8.6 (MCS0)	7.45	30.0	-22.55
	5755	151	n (40MHz)	13.5/15 (MCS0)	3.47	30.0	-26.53
	5795	159	n (40MHz)	13.5/15 (MCS0)	3.82	30.0	-26.18
	5755	151	ax (SU) (40MHz)	16/17.2 (MCS0)	2.06	30.0	-27.94
	5795	159	ax (SU) (40MHz)	16/17.2 (MCS0)	2.21	30.0	-27.79
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	0.37	30.0	-29.63
	5775	155	ax (SU) (80MHz)	34/36 (MCS0)	-1.81	30.0	-31.81

Table 7-170. Band 3 Power Spectral Density Measurements Antenna 3a (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)	7.57	30.0	-22.43
	5785	157	n (20MHz)	39/43.3 (MCS4)	7.62	30.0	-22.38
	5825	165	n (20MHz)	39/43.3 (MCS4)	7.72	30.0	-22.28
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	7.53	30.0	-22.47
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	7.47	30.0	-22.53
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	7.76	30.0	-22.24
	5755	151	n (40MHz)	81/90 (MCS4)	3.78	30.0	-26.22
	5795	159	n (40MHz)	81/90 (MCS4)	4.00	30.0	-26.00
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	2.76	30.0	-27.24
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	3.40	30.0	-26.60
	5775	155	ac (80MHz)	175.5/195 (MCS4)	0.41	30.0	-29.59
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-1.75	30.0	-31.75

Table 7-171. Band 3 Power Spectral Density Measurements Antenna 3a (Mid Data Rate)

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 156 of 534

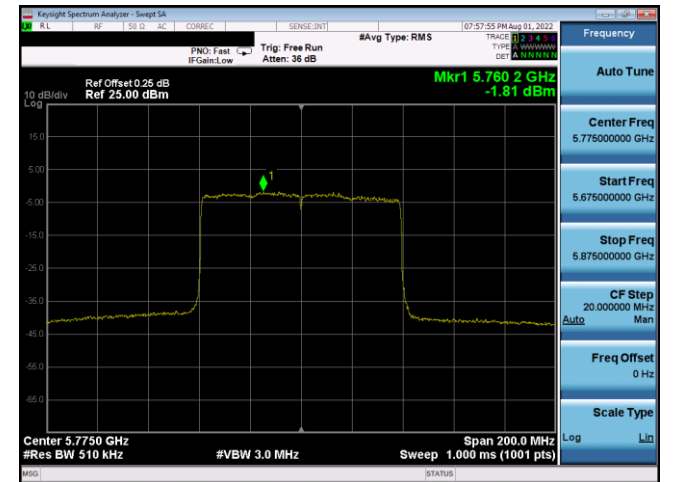
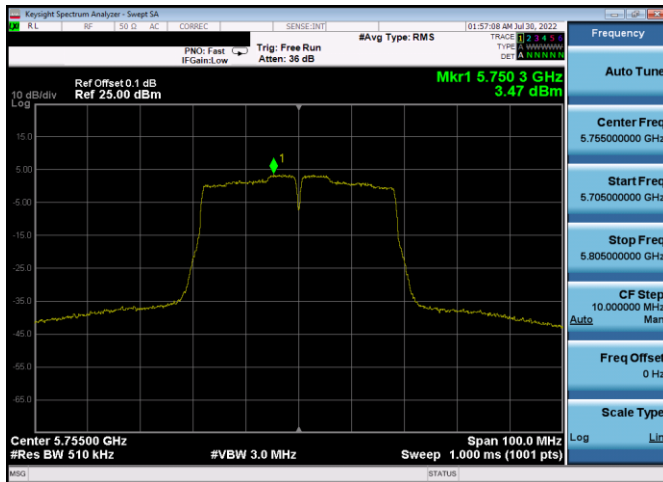
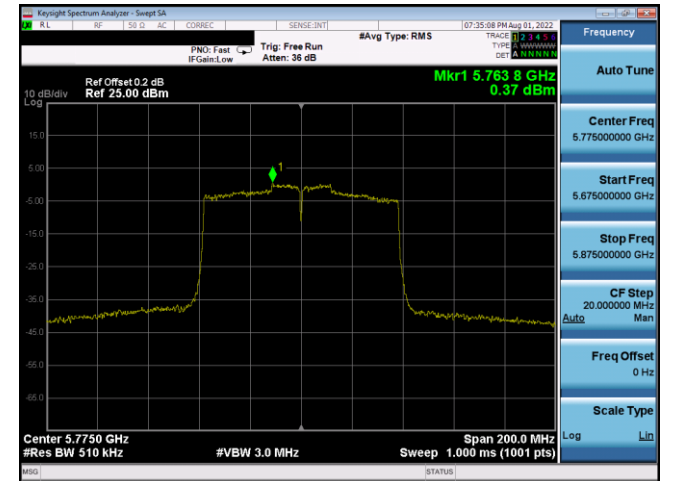
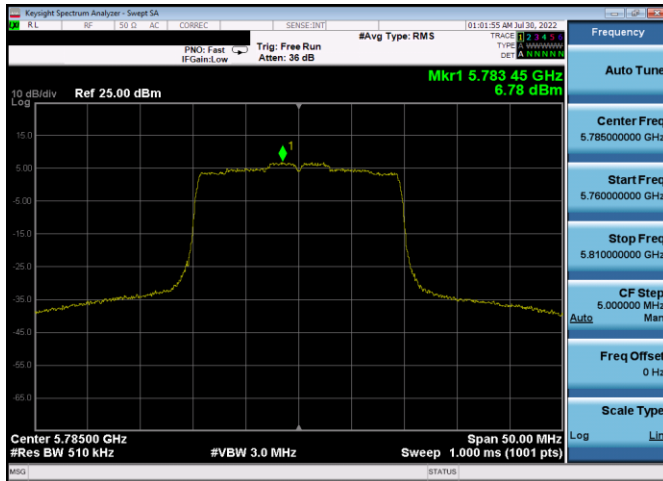
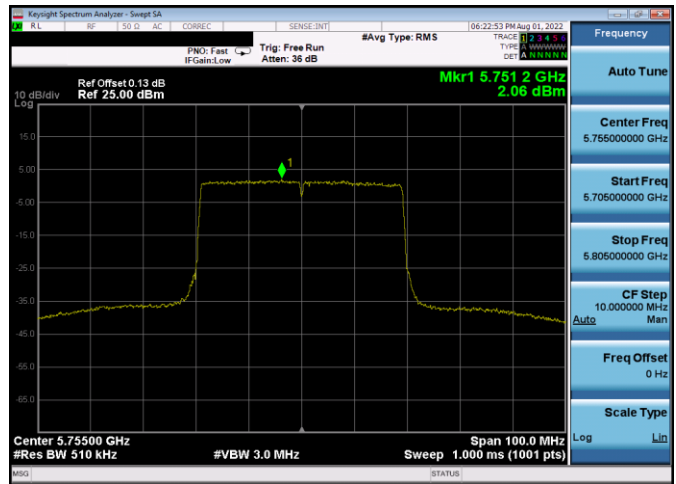
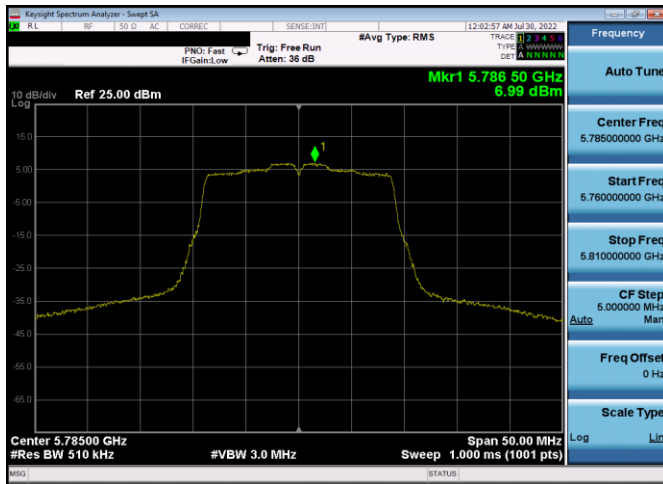
V 10.5 12/15/2021

	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)	6.50	30.0	-23.50
	5785	157	n (20MHz)	65/72.2 (MCS7)	6.52	30.0	-23.48
	5825	165	n (20MHz)	65/72.2 (MCS7)	6.75	30.0	-23.25
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	6.59	30.0	-23.41
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	6.82	30.0	-23.18
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	7.05	30.0	-22.96
	5755	151	n (40MHz)	135/150 (MCS7)	2.84	30.0	-27.16
	5795	159	n (40MHz)	135/150 (MCS7)	2.94	30.0	-27.06
	5755	151	ax (SU) (40MHz)	271/286.8 (MCS11)	3.04	30.0	-26.96
	5795	159	ax (SU) (40MHz)	271/286.8 (MCS11)	3.36	30.0	-26.64
	5775	155	ac (80MHz)	390/433.3 (MCS9)	-0.68	30.0	-30.68
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-1.54	30.0	-31.54

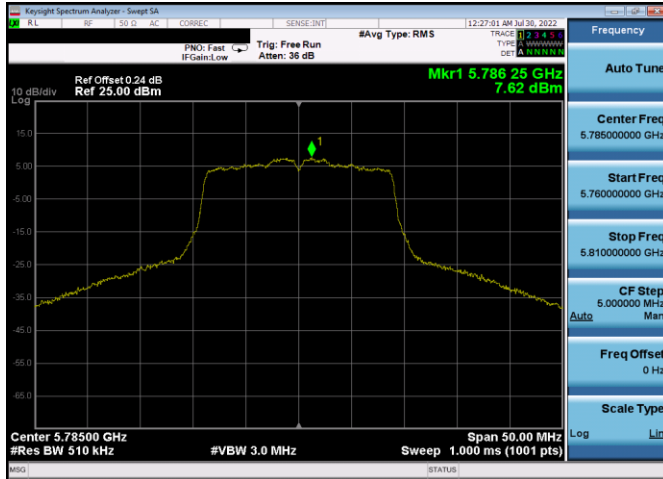
Table 7-172. Band 3 Power Spectral Density Measurements Antenna 3a (High Data Rate)

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 157 of 534

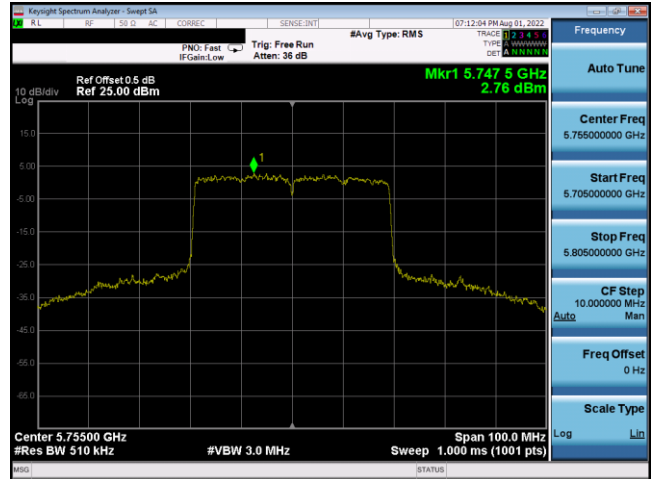
V 10.5 12/15/2021



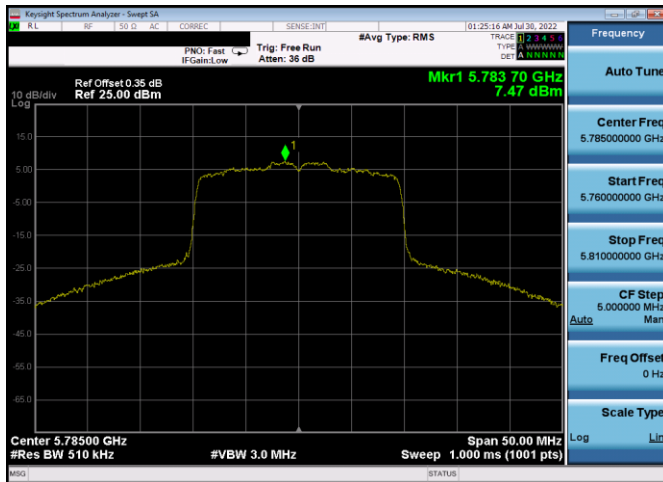
FCC ID: BCGA2757 IC: 579C-A2757	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-16.BCG	Test Dates: 08/02/2022 – 09/14/2022	EUT Type: Tablet Device	Page 158 of 534



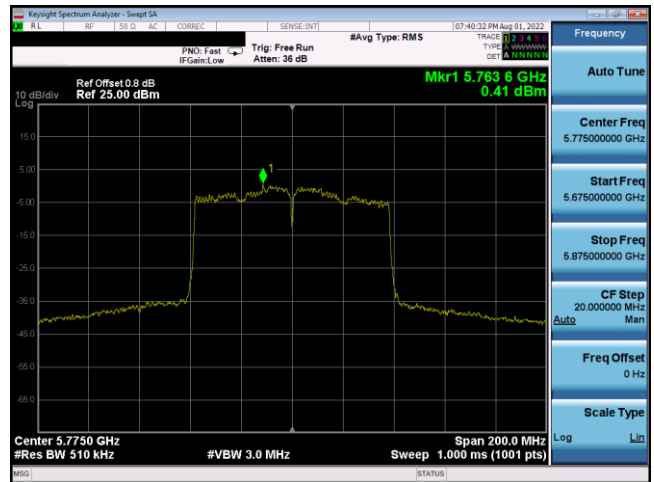
Plot 7-367. PSD Antenna 3a (20MHz BW 802.11n – Ch. 157, MCS4)



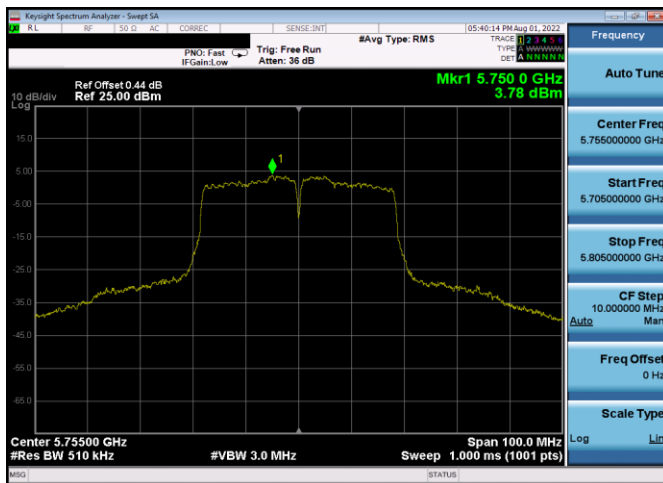
Plot 7-370. PSD Antenna 3a (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



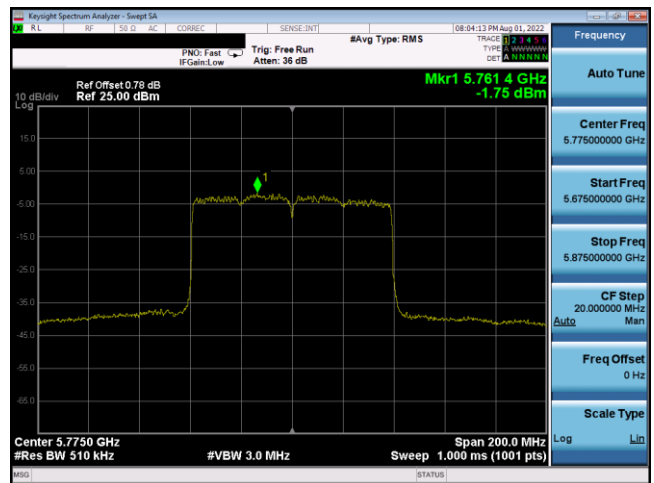
Plot 7-368. PSD Antenna 3a (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-371. PSD Antenna 3a (80MHz BW 802.11ac – Ch. 155, MCS4)

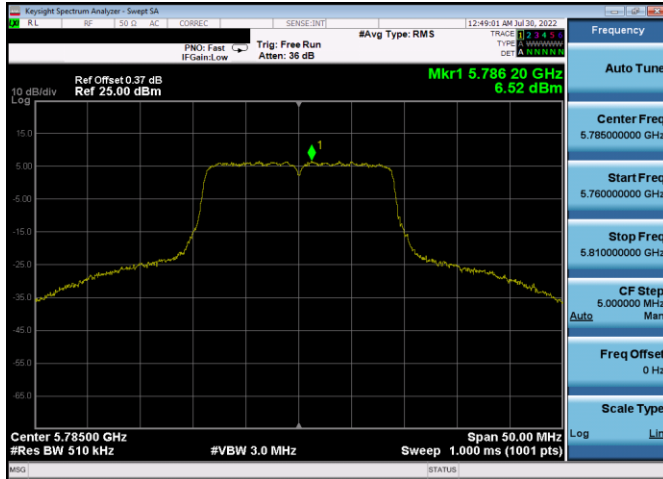


Plot 7-369. PSD Antenna 3a (40MHz BW 802.11n – Ch. 151, MCS4)



Plot 7-372. PSD Antenna 3a (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

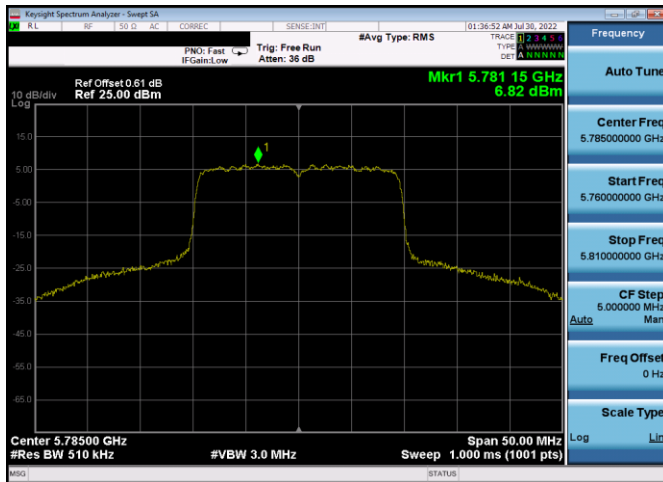
FCC ID: BCGA2757 IC: 579C-A2757	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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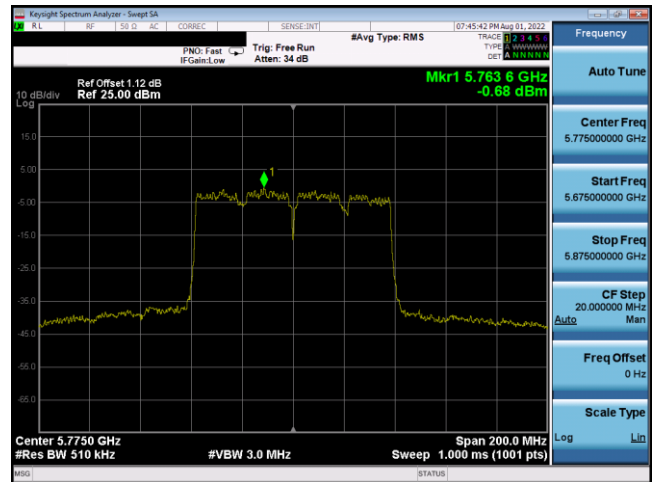
Plot 7-373. PSD Antenna 3a (20MHz BW 802.11n – Ch. 157, MCS7)



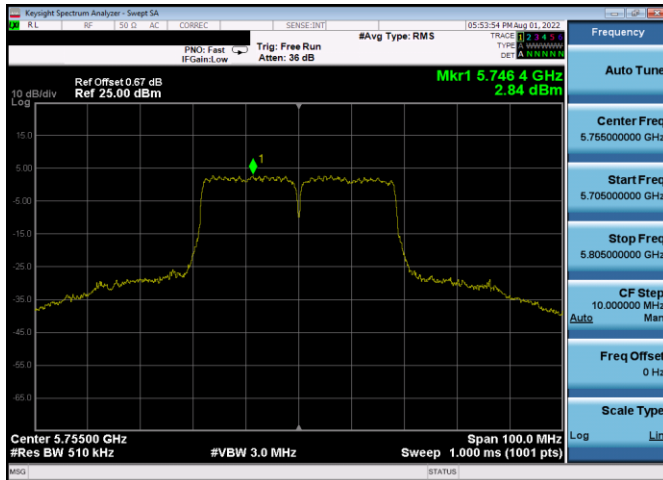
Plot 7-376. PSD Antenna 3a (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



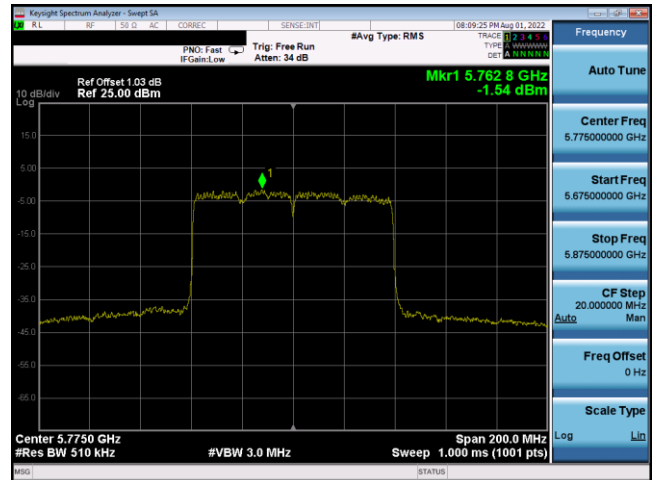
Plot 7-374. PSD Antenna 3a (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-377. PSD Antenna 3a (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-375. PSD Antenna 3a (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-378. PSD Antenna 3a (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

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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)	4.98	0.40	5.38	10.0	-4.62
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	4.73	0.40	5.13	10.0	-4.87
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	4.46	0.40	4.86	10.0	-5.14
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	4.72	0.40	5.12	10.0	-4.88
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	4.65	0.40	5.05	10.0	-4.95
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	4.33	0.40	4.73	10.0	-5.27
	5190	38	n (40MHz)	13.5/15 (MCS0)	2.77	0.40	3.17	10.0	-6.83
	5230	46	n (40MHz)	13.5/15 (MCS0)	4.30	0.40	4.70	10.0	-5.30
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	0.88	0.40	1.28	10.0	-8.72
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	3.10	0.40	3.50	10.0	-6.50
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-1.17	0.40	-0.77	10.0	-10.77
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-3.75	0.40	-3.35	10.0	-13.35

Table 7-173. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3a (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)	6.18	0.40	6.58	10.0	-3.42
	5200	40	n (20MHz)	39/43.3 (MCS4)	5.31	0.40	5.71	10.0	-4.29
	5240	48	n (20MHz)	39/43.3 (MCS4)	5.16	0.40	5.56	10.0	-4.44
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	4.87	0.40	5.27	10.0	-4.74
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	4.26	0.40	4.66	10.0	-5.34
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	4.02	0.40	4.42	10.0	-5.58
	5190	38	n (40MHz)	81/90 (MCS4)	2.35	0.40	2.75	10.0	-7.25
	5230	46	n (40MHz)	81/90 (MCS4)	5.11	0.40	5.51	10.0	-4.49
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	0.50	0.40	0.90	10.0	-9.11
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	3.68	0.40	4.08	10.0	-5.92
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-1.41	0.40	-1.01	10.0	-11.01
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.64	0.40	-2.24	10.0	-12.24

Table 7-174. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3a (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)	4.44	0.40	4.84	10.0	-5.16
	5200	40	n (20MHz)	65/72.2 (MCS7)	4.38	0.40	4.78	10.0	-5.22
	5240	48	n (20MHz)	65/72.2 (MCS7)	4.23	0.40	4.63	10.0	-5.37
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	4.24	0.40	4.64	10.0	-5.36
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	4.12	0.40	4.52	10.0	-5.48
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	4.02	0.40	4.42	10.0	-5.58
	5190	38	n (40MHz)	135/150 (MCS7)	-0.75	0.40	-0.35	10.0	-10.35
	5230	46	n (40MHz)	135/150 (MCS7)	4.09	0.40	4.49	10.0	-5.51
	5190	38	ax (SU) (40MHz)	271/286.8 (MCS11)	-0.82	0.40	-0.42	10.0	-10.42
	5230	46	ax (SU) (40MHz)	271/286.8 (MCS11)	3.93	0.40	4.33	10.0	-5.67
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-2.54	0.40	-2.14	10.0	-12.14
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.25	0.40	-2.85	10.0	-12.85

Table 7-175. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3a (High Data Rate)

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