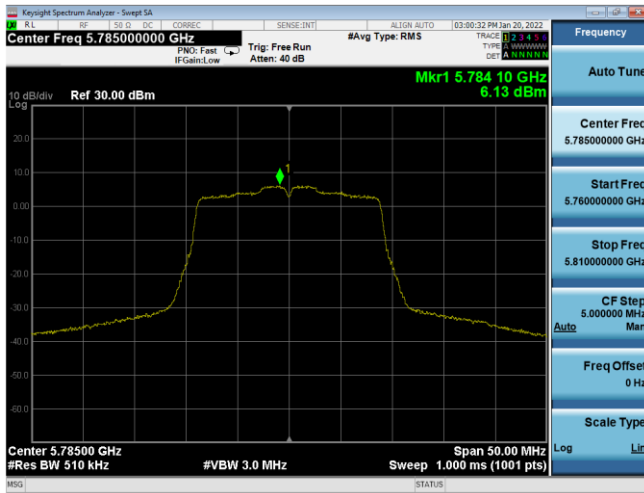
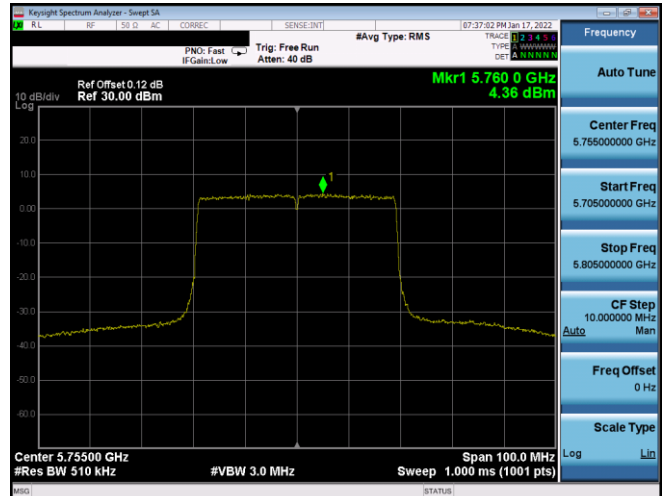


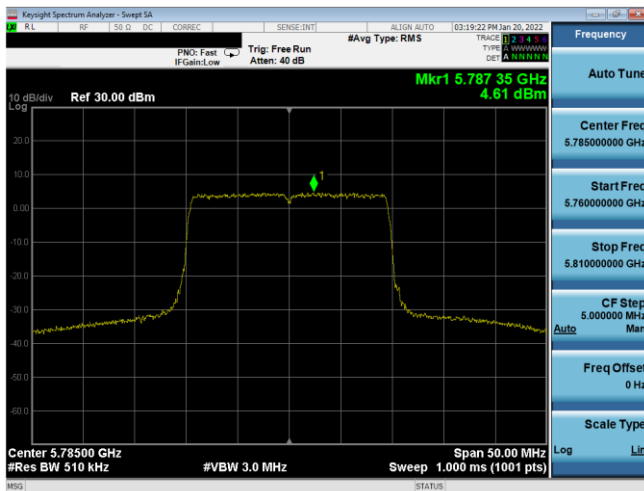
Low Data Rate



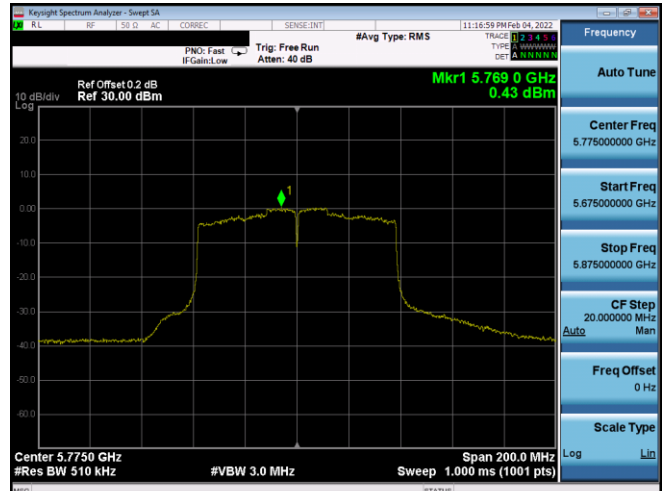
Plot 7-289. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 157, MCS0)



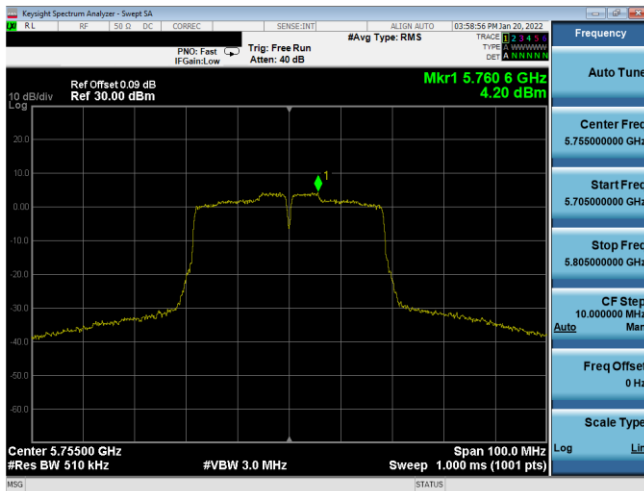
Plot 7-292. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 151, MCS0)



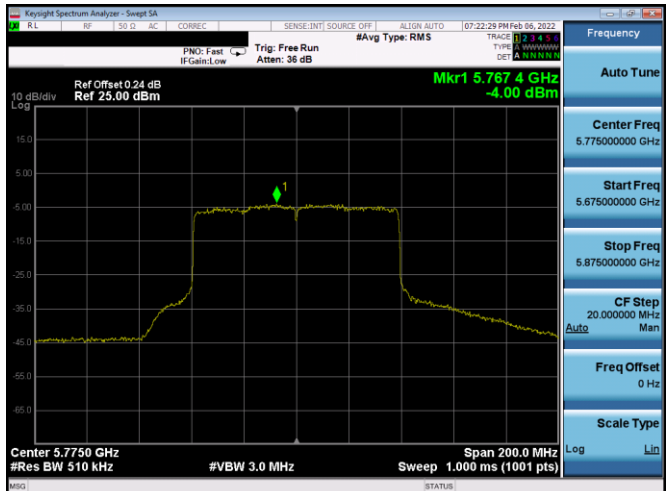
Plot 7-290. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 157, MCS0)



Plot 7-293. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 155, MCS0)



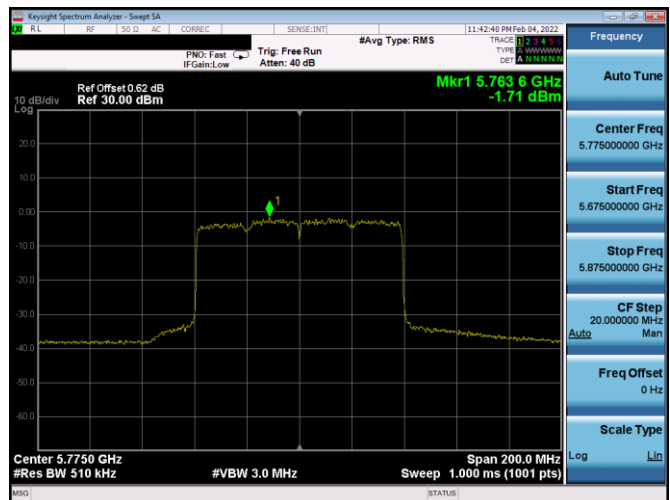
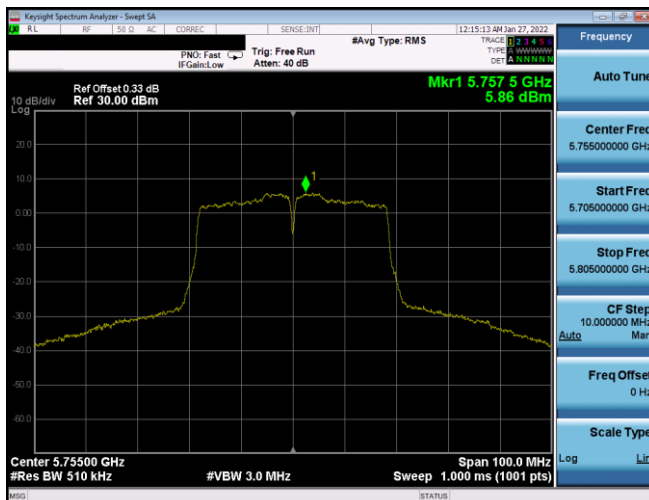
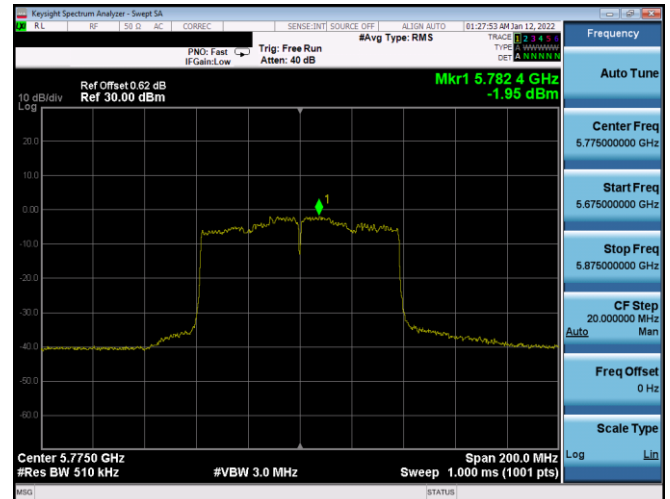
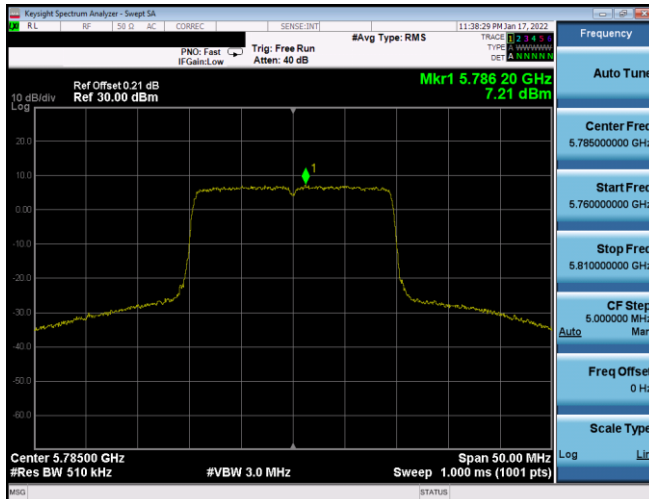
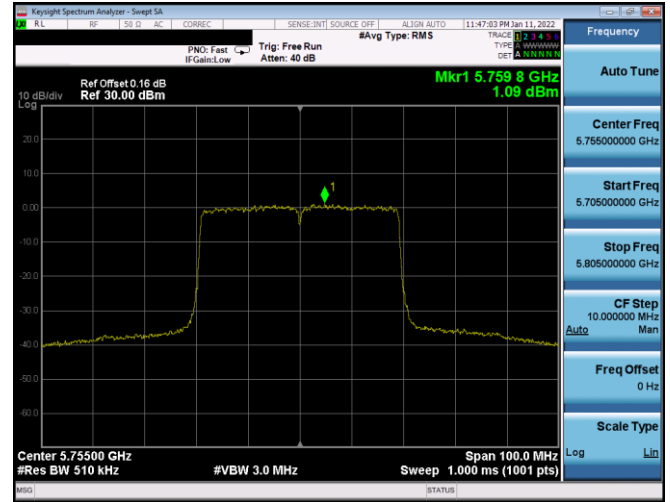
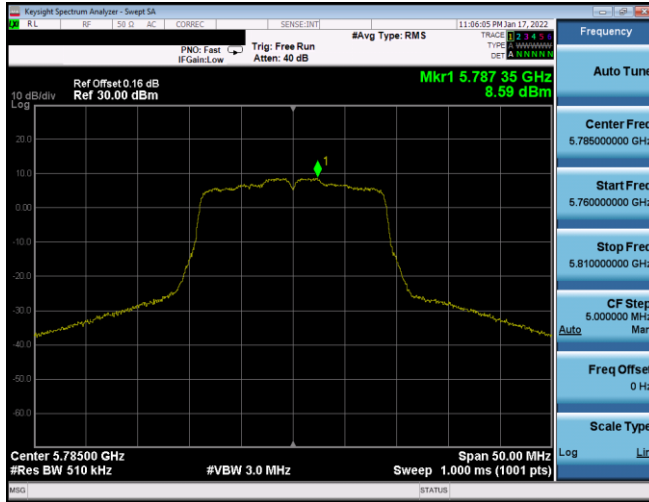
Plot 7-291. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 151, MCS0)



Plot 7-294. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 155, MCS0)

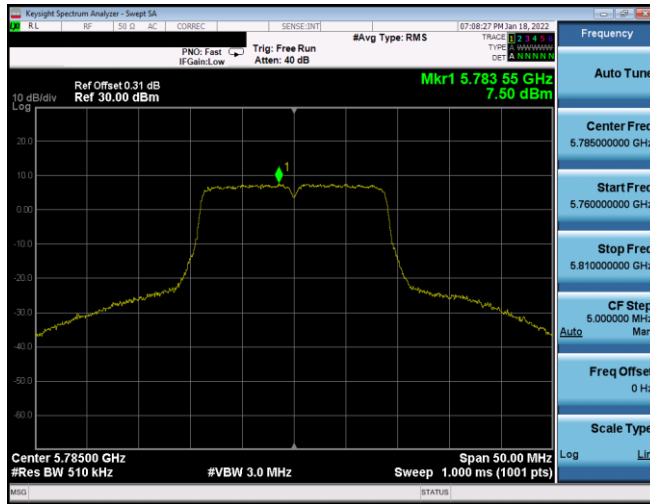
FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 118 of 352

Mid Data Rate

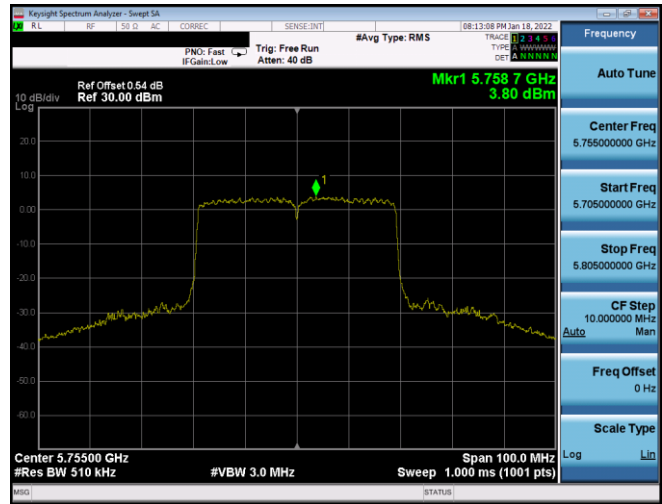


FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 119 of 352

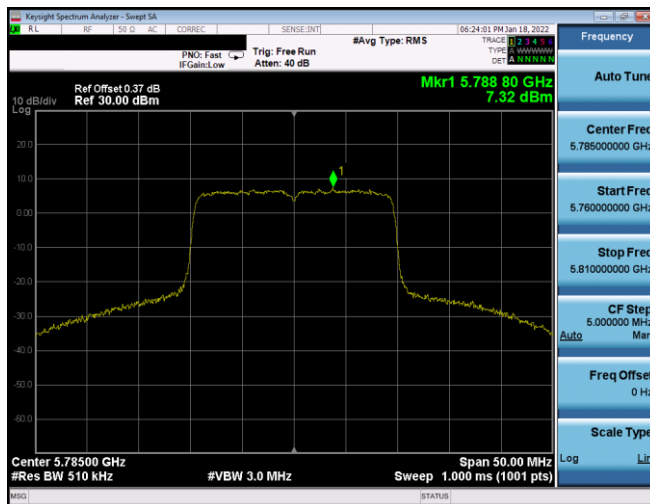
High Data Rate



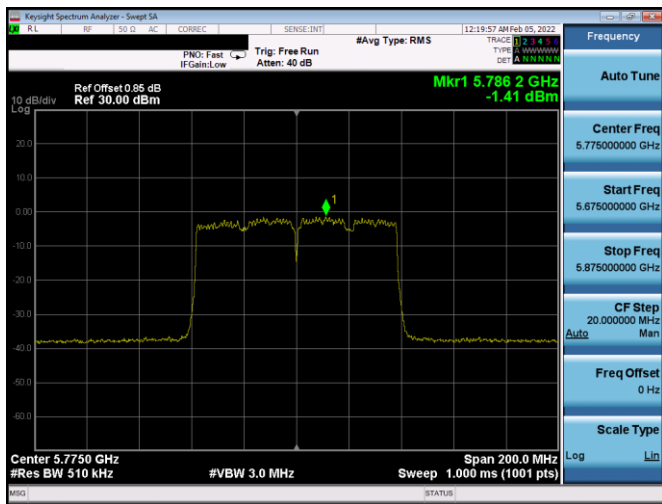
Plot 7-301. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 157, MCS5)



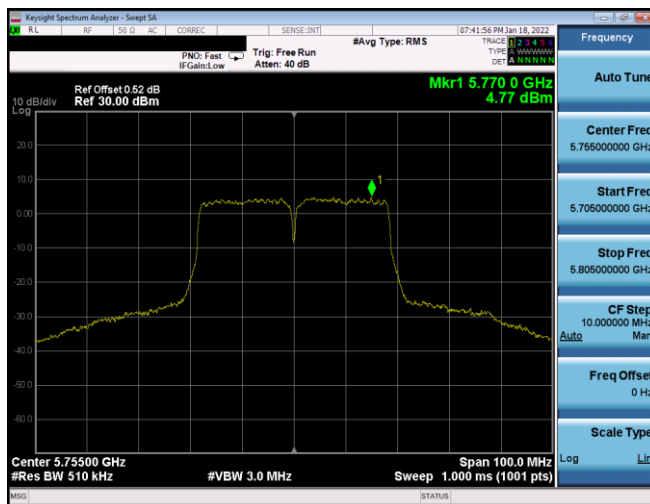
Plot 7-304. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 151, MCS5)



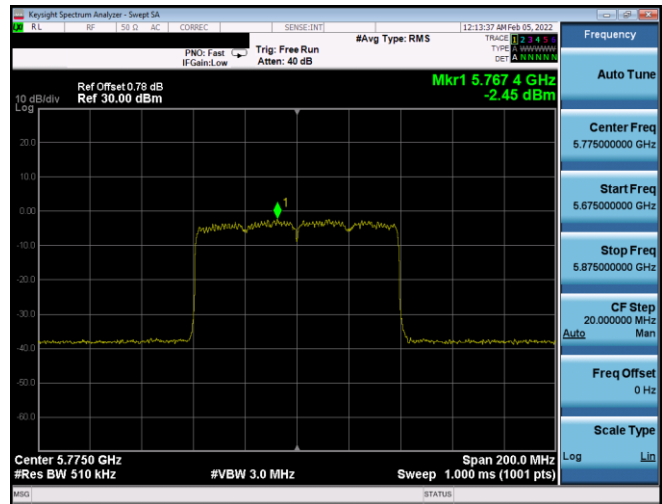
Plot 7-302. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 157, MCS5)



Plot 7-305. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 155, MCS5)



Plot 7-303. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 151, MCS5)



Plot 7-306. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 155, MCS5)

FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 120 of 352

	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)	2.41	4.00	6.41	10.0	-3.59
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	2.24	4.00	6.24	10.0	-3.76
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	2.63	4.00	6.63	10.0	-3.37
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	0.55	4.00	4.55	10.0	-5.45
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	0.63	4.00	4.63	10.0	-5.37
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	0.82	4.00	4.82	10.0	-5.18
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.18	4.00	5.18	10.0	-4.82
	5230	46	n (40MHz)	13.5/15 (MCS0)	2.19	4.00	6.19	10.0	-3.81
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-2.78	4.00	1.22	10.0	-8.78
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	0.70	4.00	4.70	10.0	-5.30
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-3.50	4.00	0.50	10.0	-9.50
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-6.41	4.00	-2.41	10.0	-12.41

Table 7-107. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7a (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)	26/28.9 (MCS3)	2.93	4.00	6.93	10.0	-3.07
	5200	40	n (20MHz)	26/28.9 (MCS3)	3.53	4.00	7.53	10.0	-2.47
	5240	48	n (20MHz)	26/28.9 (MCS3)	3.50	4.00	7.50	10.0	-2.50
	5180	36	ax (SU) (20MHz)	33/34.4 (MCS3)	1.46	4.00	5.46	10.0	-4.54
	5200	40	ax (SU) (20MHz)	33/34.4 (MCS3)	1.82	4.00	5.82	10.0	-4.18
	5240	48	ax (SU) (20MHz)	33/34.4 (MCS3)	1.76	4.00	5.76	10.0	-4.24
	5190	38	n (40MHz)	54/60 (MCS3)	0.74	4.00	4.74	10.0	-5.26
	5230	46	n (40MHz)	54/60 (MCS3)	2.98	4.00	6.98	10.0	-3.02
	5190	38	ax (SU) (40MHz)	65/68.8 (MCS3)	-3.12	4.00	0.88	10.0	-9.12
	5230	46	ax (SU) (40MHz)	65/68.8 (MCS3)	0.89	4.00	4.89	10.0	-5.11
	5210	42	ac (80MHz)	117/130 (MCS3)	-5.17	4.00	-1.17	10.0	-11.17
	5210	42	ax (SU) (80MHz)	136/144.1 (MCS3)	-6.17	4.00	-2.17	10.0	-12.17

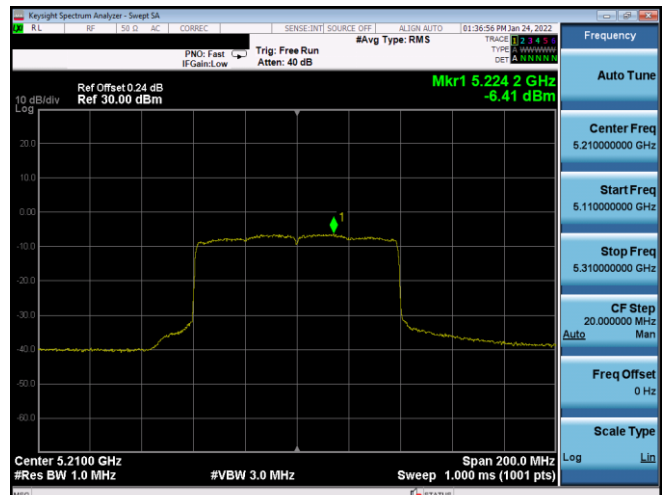
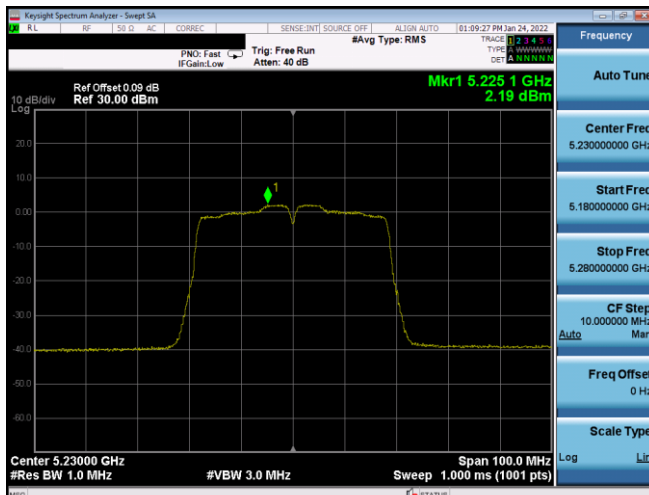
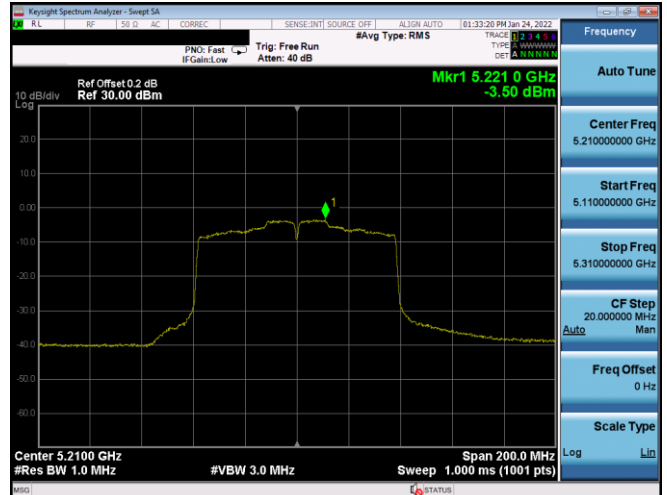
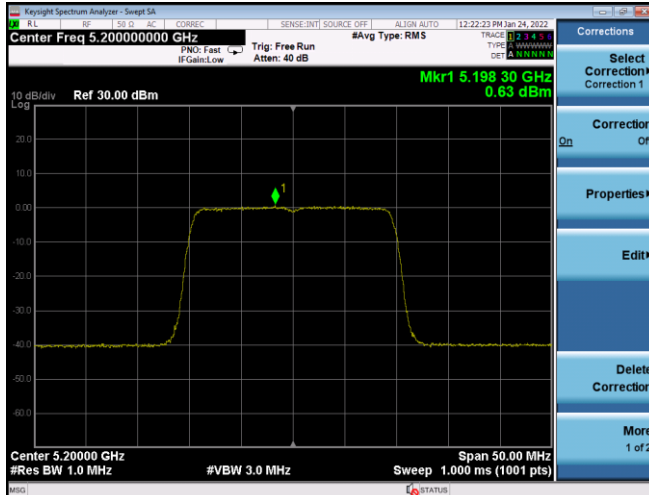
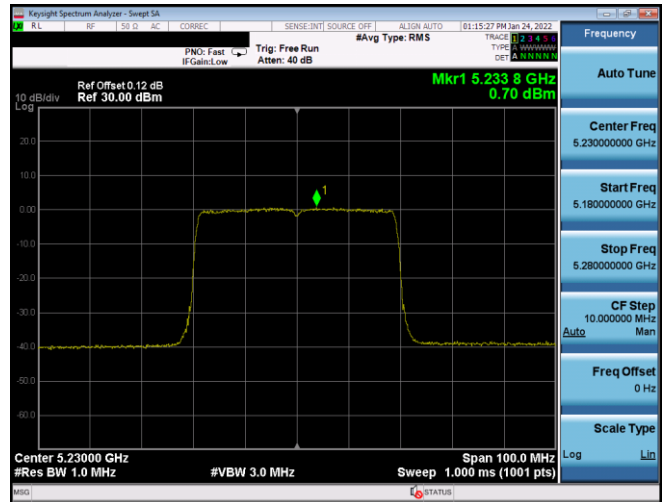
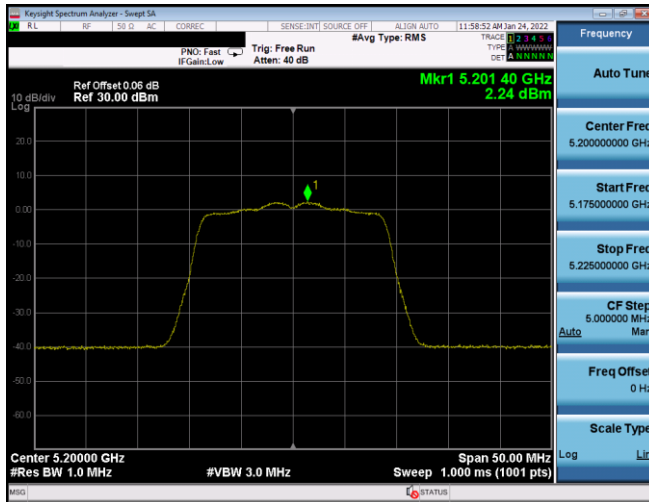
Table 7-108. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7a (Mid Data Rate)

	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)	52/57.8 (MCS5)	2.96	4.00	6.96	10.0	-3.04
	5200	40	n (20MHz)	52/57.8 (MCS5)	3.35	4.00	7.35	10.0	-2.65
	5240	48	n (20MHz)	52/57.8 (MCS5)	3.48	4.00	7.48	10.0	-2.52
	5180	36	ax (SU) (20MHz)	65/68.8 (MCS5)	1.27	4.00	5.27	10.0	-4.73
	5200	40	ax (SU) (20MHz)	65/68.8 (MCS5)	1.68	4.00	5.68	10.0	-4.32
	5240	48	ax (SU) (20MHz)	65/68.8 (MCS5)	1.91	4.00	5.91	10.0	-4.09
	5190	38	n (40MHz)	108/120 (MCS5)	0.18	4.00	4.18	10.0	-5.82
	5230	46	n (40MHz)	108/120 (MCS5)	2.98	4.00	6.98	10.0	-3.02
	5190	38	ax (SU) (40MHz)	130/137.6 (MCS5)	-2.74	4.00	1.26	10.0	-8.74
	5230	46	ax (SU) (40MHz)	130/137.6 (MCS5)	1.54	4.00	5.54	10.0	-4.46
	5210	42	ac (80MHz)	234/260 (MCS5)	-5.58	4.00	-1.58	10.0	-11.58
	5210	42	ax (SU) (80MHz)	272/288.2 (MCS5)	-6.75	4.00	-2.75	10.0	-12.75

Table 7-109. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7a (High Data Rate)

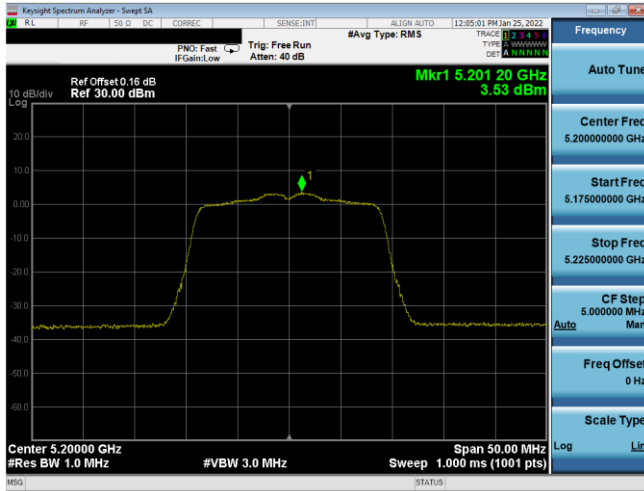
FCC ID: BCGA2588 IC: 579C-A2588	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 121 of 352

Low Data Rate

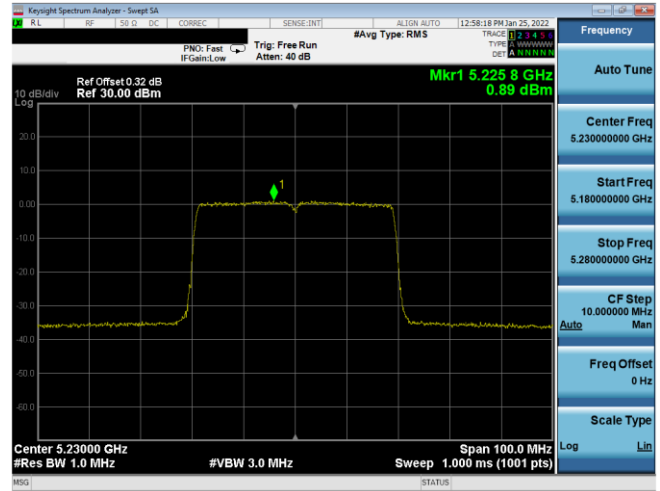


FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 122 of 352

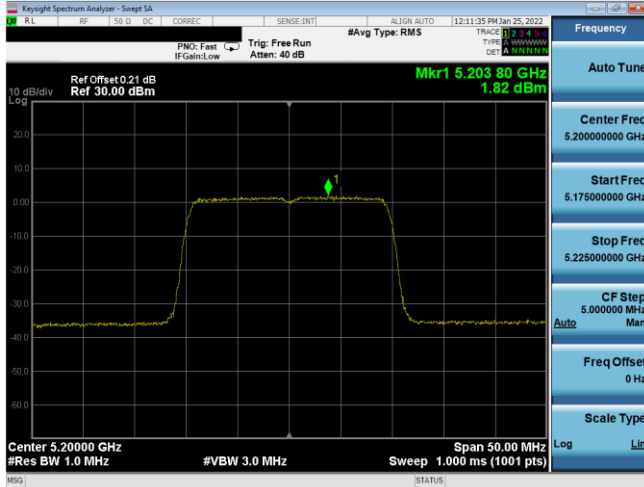
Mid Data Rate



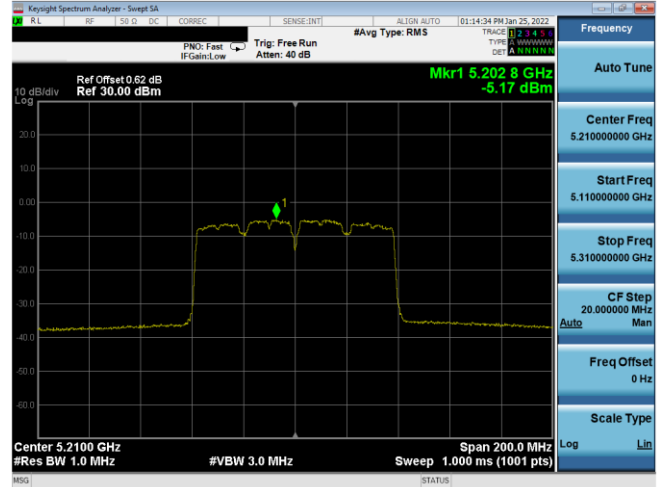
Plot 7-313. ISED PSD Antenna WF7a (20MHz BW 11n – Ch.40, MCS3)



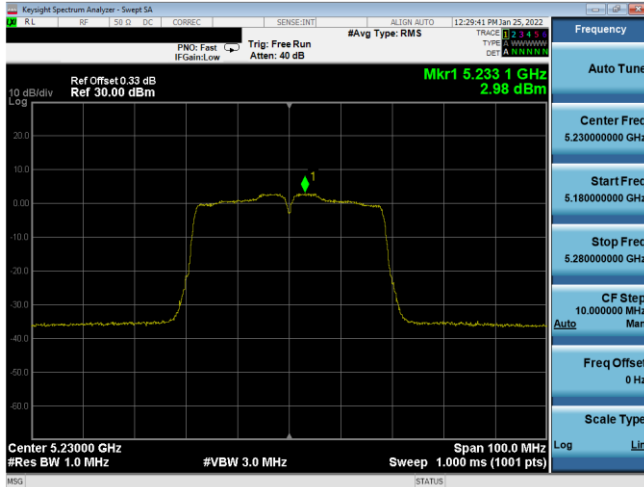
Plot 7-316. ISED PSD Antenna WF7a (40MHz BW 11ax(SU) – Ch.46, MCS3)



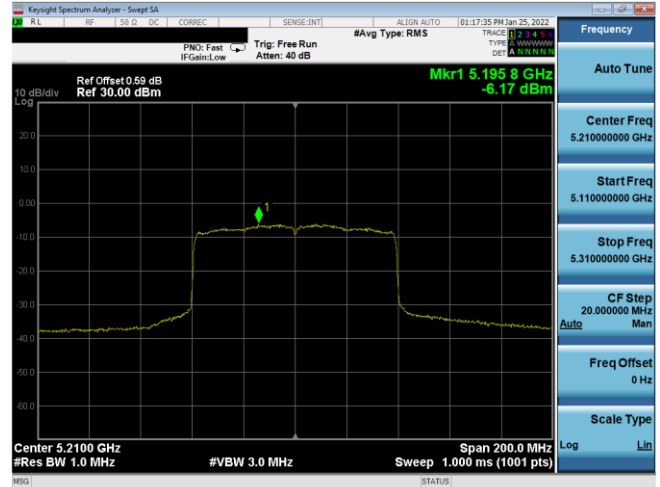
Plot 7-314. ISED PSD Antenna WF7a (20MHz BW 11ax(SU) – Ch.40, MCS3)



Plot 7-317. ISED PSD Antenna WF7a (80MHz BW 11ac – Ch.42, MCS3)



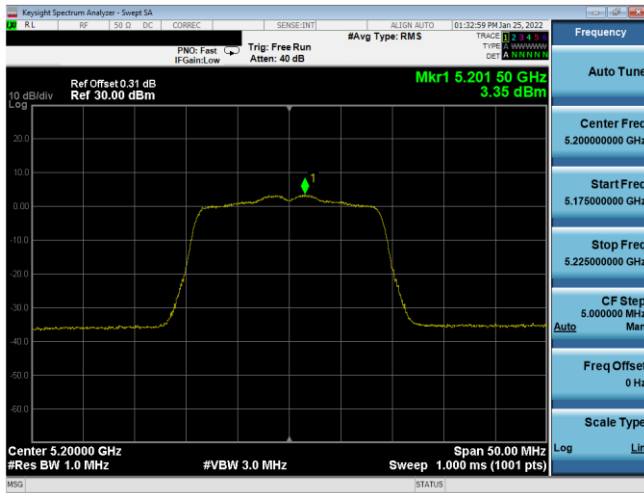
Plot 7-315. ISED PSD Antenna WF7a (40MHz BW 11n – Ch.46, MCS3)



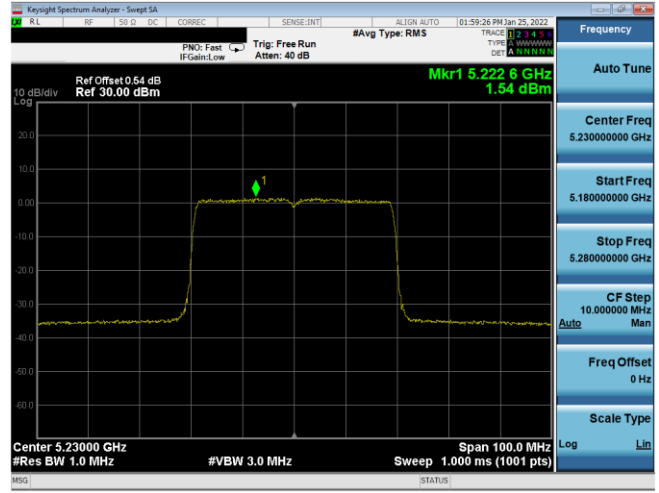
Plot 7-318. ISED PSD Antenna WF7a (80MHz BW 11ax(SU) – Ch.42, MCS3)

FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 123 of 352

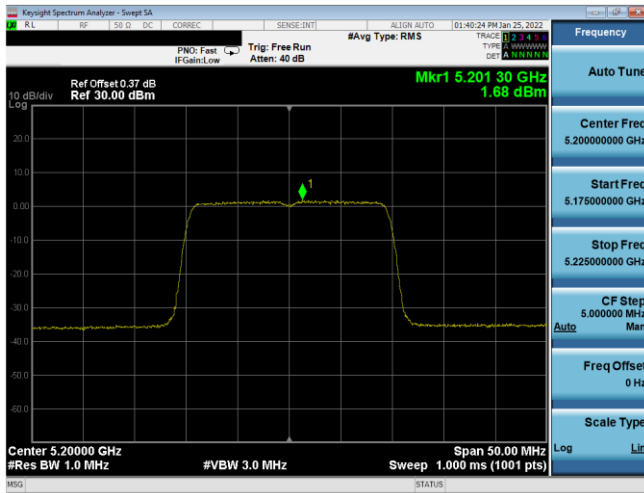
High Data Rate



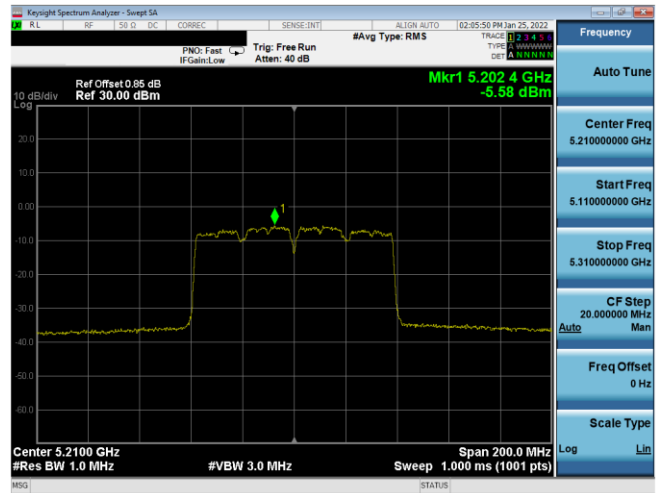
Plot 7-319. ISSED PSD Antenna WF7a (20MHz BW 11n – Ch.40, MCS5)



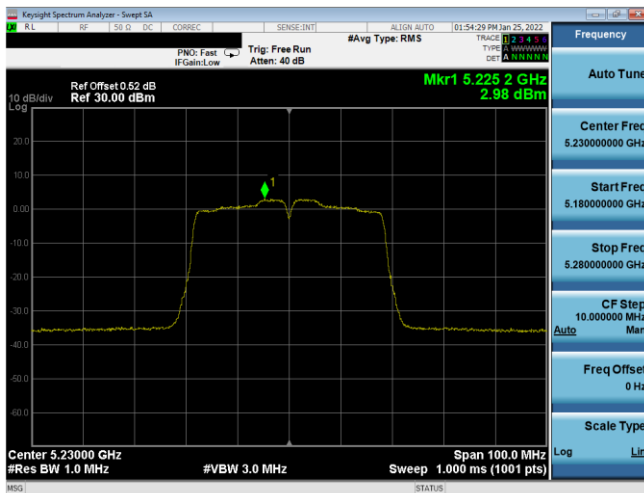
Plot 7-322. ISSED PSD Antenna WF7a (40MHz BW 11ax(SU) – Ch.46, MCS5)



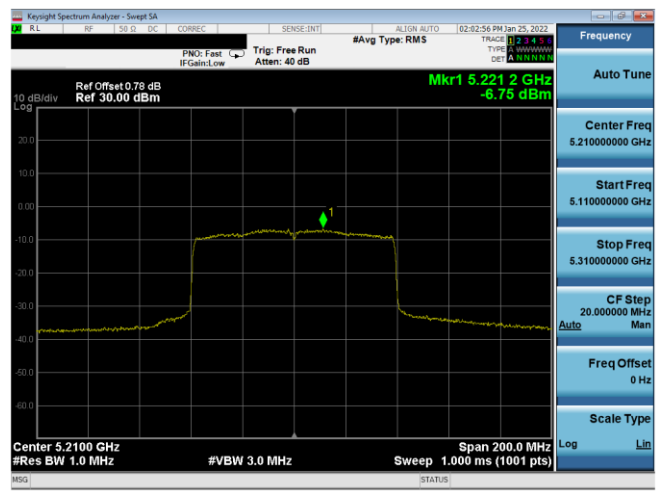
Plot 7-320. ISSED PSD Antenna WF7a (20MHz BW 11ax(SU) – Ch.40, MCS5)



Plot 7-323. ISSED PSD Antenna WF7a (80MHz BW 11ac – Ch.42, MCS5)



Plot 7-321. ISSED PSD Antenna WF7a (40MHz BW 11n – Ch.46, MCS5)



Plot 7-324. ISSED PSD Antenna WF7a (80MHz BW 11ax(SU) – Ch.42, MCS5)

FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 124 of 352

7.5.3 Summed CDD/SDM Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7a 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)	5.70	5.83	8.78	11.0	-2.22
	5200	40	n (20MHz)	SDM	13/14.4 (MCS8)	5.24	4.98	8.12	11.0	-2.88
	5240	48	n (20MHz)	SDM	13/14.4 (MCS8)	5.46	5.50	8.49	11.0	-2.51
	5180	36	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	3.69	3.57	6.64	10.3	-3.64
	5200	40	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	5.04	5.18	8.12	11.0	-2.88
	5240	48	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	4.97	4.94	7.96	11.0	-3.04
	5190	38	n (40MHz)	CDD	27/30 (MCS8)	1.51	1.84	4.69	10.3	-5.59
	5230	46	n (40MHz)	SDM	27/30 (MCS8)	6.35	6.36	9.37	11.0	-1.63
	5190	38	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	-4.10	-3.88	-0.98	10.3	-11.26
	5230	46	ax (SU) (40MHz)	SDM	32/34.4 (MCS0)	3.95	3.88	6.92	11.0	-4.08
	5210	42	ac (80MHz)	CDD	58.5/65 (MCS0)	-4.24	-4.85	-1.52	10.3	-11.81
	5210	42	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	-6.92	-6.52	-3.70	10.3	-13.99
Band 2A	5260	52	n (20MHz)	SDM	13/14.4 (MCS8)	6.10	5.66	8.89	11.0	-2.11
	5280	56	n (20MHz)	SDM	13/14.4 (MCS8)	5.73	5.49	8.62	11.0	-2.38
	5320	64	n (20MHz)	SDM	13/14.4 (MCS8)	6.04	5.86	8.96	11.0	-2.04
	5260	52	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	5.32	5.04	8.19	11.0	-2.81
	5280	56	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	5.42	4.94	8.20	11.0	-2.80
	5320	64	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	3.65	2.91	6.30	10.7	-4.43
	5270	54	n (40MHz)	SDM	27/30 (MCS8)	6.49	5.06	8.84	11.0	-2.16
	5310	62	n (40MHz)	CDD	27/30 (MCS8)	2.05	1.50	4.80	10.7	-5.94
	5270	54	ax (SU) (40MHz)	SDM	32/34.4 (MCS0)	4.40	4.60	7.51	11.0	-3.49
	5310	62	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	-2.51	-2.11	0.71	10.7	-10.03
	5290	58	ac (80MHz)	CDD	58.5/65 (MCS0)	-3.80	-4.07	-0.92	10.7	-11.66
	5290	58	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	-5.82	-6.13	-2.96	10.7	-13.70
	5500	100	n (20MHz)	SDM	13/14.4 (MCS8)	5.84	5.93	8.90	11.0	-2.10
	5580	116	n (20MHz)	SDM	13/14.4 (MCS8)	5.82	5.74	8.79	11.0	-2.21
	5720	144	n (20MHz)	SDM	13/14.4 (MCS8)	5.95	6.13	9.05	11.0	-1.95
	5500	100	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	3.93	3.48	6.72	11.0	-4.28
Band 2C	5580	116	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	3.88	4.45	7.18	11.0	-3.82
	5720	144	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	4.63	4.95	7.80	11.0	-3.20
	5510	102	n (40MHz)	CDD	27/30 (MCS8)	0.35	0.28	3.33	10.0	-6.71
	5550	110	n (40MHz)	SDM	27/30 (MCS8)	6.23	5.97	9.11	11.0	-1.89
	*5590	118	n (40MHz)	SDM	27/30 (MCS8)	6.33	6.37	9.36	11.0	-1.64
	5710	142	n (40MHz)	SDM	27/30 (MCS8)	4.78	4.99	7.90	11.0	-3.10
	5510	102	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	-3.17	-3.26	-0.21	10.0	-10.25
	5550	110	ax (SU) (40MHz)	SDM	32/34.4 (MCS0)	3.57	3.59	6.59	11.0	-4.41
	*5590	118	ax (SU) (40MHz)	SDM	32/34.4 (MCS0)	3.84	4.26	7.07	11.0	-3.93
	5710	142	ax (SU) (40MHz)	SDM	32/34.4 (MCS0)	3.84	3.68	6.77	11.0	-4.23
	5530	106	ac (80MHz)	CDD	58.5/65 (MCS0)	-2.99	-3.61	-0.28	10.0	-10.32
	*5610	122	ac (80MHz)	CDD	58.5/65 (MCS0)	3.08	2.29	5.71	10.0	-4.33
	5690	138	ac (80MHz)	SDM	58.5/65 (MCS0)	1.01	0.72	3.87	11.0	-7.13
	5530	106	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	-5.57	-5.81	-2.68	10.0	-12.72
	*5610	122	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	0.28	0.03	3.17	10.0	-6.87
	5690	138	ax (SU) (80MHz)	SDM	68/72.1 (MCS0)	-0.66	-0.99	2.19	11.0	-8.81

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

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

FCC ID: BCGA2588 IC: 579C-A2588		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 125 of 352

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	CDD	52/57.8 (MCS11)	5.82	5.28	8.57	11.0	-2.43
	5200	40	n (20MHz)	SDM	52/57.8 (MCS11)	6.28	5.90	9.10	11.0	-1.90
	5240	48	n (20MHz)	SDM	52/57.8 (MCS11)	6.68	6.29	9.50	11.0	-1.50
	5180	36	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	3.14	3.43	6.30	10.3	-3.99
	5200	40	ax (SU) (20MHz)	SDM	66/68.8 (MCS3)	6.27	5.40	8.87	11.0	-2.13
	5240	48	ax (SU) (20MHz)	SDM	66/68.8 (MCS3)	6.09	5.28	8.72	11.0	-2.28
	5190	38	n (40MHz)	CDD	108/120 (MCS11)	0.57	0.66	3.62	10.3	-6.66
	5230	46	n (40MHz)	SDM	108/120 (MCS11)	6.65	6.43	9.55	11.0	-1.45
	5190	38	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	-3.79	-2.94	-0.33	10.3	-10.62
	5230	46	ax (SU) (40MHz)	SDM	130/137.6 (MCS3)	5.06	5.22	8.15	11.0	-2.85
	5210	42	ac (80MHz)	CDD	234/260 (MCS3)	-4.66	-4.74	-1.69	10.3	-11.97
	5210	42	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	-7.41	-6.98	-4.18	10.3	-14.46
Band 2A	5260	52	n (20MHz)	SDM	52/57.8 (MCS11)	6.33	6.05	9.20	11.0	-1.80
	5280	56	n (20MHz)	SDM	52/57.8 (MCS11)	6.25	6.26	9.27	11.0	-1.73
	5320	64	n (20MHz)	CDD	52/57.8 (MCS11)	6.62	5.97	9.32	11.0	-1.68
	5260	52	ax (SU) (20MHz)	SDM	66/68.8 (MCS3)	5.39	5.37	8.39	11.0	-2.61
	5280	56	ax (SU) (20MHz)	SDM	66/68.8 (MCS3)	5.55	5.33	8.45	11.0	-2.55
	5320	64	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	4.82	3.54	7.23	10.7	-3.50
	5270	54	n (40MHz)	SDM	108/120 (MCS11)	6.67	6.44	9.57	11.0	-1.43
	5310	62	n (40MHz)	CDD	108/120 (MCS11)	1.46	1.49	4.48	10.7	-6.26
	5270	54	ax (SU) (40MHz)	SDM	130/137.6 (MCS3)	5.06	4.98	8.03	11.0	-2.97
	5310	62	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	-1.67	-2.71	0.85	10.7	-9.88
	5290	58	ac (80MHz)	CDD	234/260 (MCS3)	-5.24	-4.57	-1.88	10.7	-12.62
	5290	58	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	-5.47	-5.81	-2.63	10.7	-13.37
Band 2C	5500	100	n (20MHz)	SDM	52/57.8 (MCS11)	5.78	5.27	8.54	11.0	-2.46
	5580	116	n (20MHz)	SDM	52/57.8 (MCS11)	6.20	5.74	8.99	11.0	-2.01
	5720	144	n (20MHz)	SDM	52/57.8 (MCS11)	6.65	6.68	9.68	11.0	-1.32
	5500	100	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	4.71	4.58	7.66	11.0	-3.34
	5580	116	ax (SU) (20MHz)	SDM	66/68.8 (MCS3)	5.54	5.95	8.76	11.0	-2.24
	5720	144	ax (SU) (20MHz)	SDM	66/68.8 (MCS3)	5.81	5.85	8.84	11.0	-2.16
	5510	102	n (40MHz)	CDD	108/120 (MCS11)	-0.09	-0.29	2.83	10.0	-7.21
	5550	110	n (40MHz)	SDM	108/120 (MCS11)	6.69	6.76	9.74	11.0	-1.26
	*5590	118	n (40MHz)	SDM	108/120 (MCS11)	6.58	6.63	9.61	11.0	-1.39
	5710	142	n (40MHz)	SDM	108/120 (MCS11)	6.66	6.96	9.82	11.0	-1.18
	5510	102	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	-3.03	-2.90	0.05	10.0	-9.99
	5550	110	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	3.83	4.20	7.03	11.0	-3.97
	*5590	118	ax (SU) (40MHz)	SDM	130/137.6 (MCS3)	5.29	5.50	8.40	11.0	-2.60
	5710	142	ax (SU) (40MHz)	SDM	130/137.6 (MCS3)	5.64	5.47	8.57	11.0	-2.43
	5530	106	ac (80MHz)	CDD	234/260 (MCS3)	-3.55	-4.70	-1.08	10.0	-11.12
	*5610	122	ac (80MHz)	CDD	234/260 (MCS3)	2.67	2.27	5.49	10.0	-4.55
	5690	138	ac (80MHz)	SDM	234/260 (MCS3)	1.59	1.87	4.74	11.0	-6.26
	5530	106	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	-6.31	-6.90	-3.58	10.0	-13.62
	*5610	122	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	0.23	-0.30	2.98	10.0	-7.06
	5690	138	ax (SU) (80MHz)	SDM	272/288.2 (MCS3)	0.36	0.03	3.20	11.0	-7.80

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: BCGA2588 IC: 579C-A2588	 PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 126 of 352

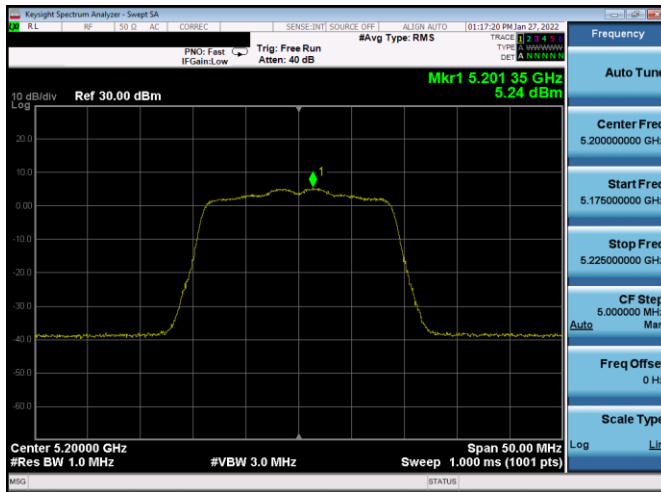
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	CDD	104/115.6 (MCS13)	3.14	3.07	6.11	11.0	-4.89
	5200	40	n (20MHz)	SDM	104/115.6 (MCS13)	6.90	6.54	9.74	11.0	-1.26
	5240	48	n (20MHz)	SDM	104/115.6 (MCS13)	7.01	6.97	10.00	11.0	-1.00
	5180	36	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	2.90	3.52	6.23	10.3	-4.06
	5200	40	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	4.97	5.21	8.10	11.0	-2.90
	5240	48	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	6.14	5.35	8.77	11.0	-2.23
	5190	38	n (40MHz)	CDD	216/240 (MCS13)	-1.18	-1.48	1.69	10.3	-8.60
	5230	46	n (40MHz)	SDM	216/240 (MCS13)	3.94	5.03	7.53	11.0	-3.47
	5190	38	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	-3.00	-3.50	-0.23	10.3	-10.52
	5230	46	ax (SU) (40MHz)	SDM	260/275.3 (MCS5)	4.69	4.58	7.65	11.0	-3.35
	5210	42	ac (80MHz)	CDD	468/520 (MCS5)	-5.97	-6.02	-2.99	10.3	-13.27
	5210	42	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-6.96	-7.40	-4.16	10.3	-14.45
Band 2A	5260	52	n (20MHz)	SDM	104/115.6 (MCS13)	6.73	7.02	9.89	11.0	-1.11
	5280	56	n (20MHz)	SDM	104/115.6 (MCS13)	6.79	6.74	9.77	11.0	-1.23
	5320	64	n (20MHz)	CDD	104/115.6 (MCS13)	3.90	3.46	6.69	11.0	-4.31
	5260	52	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	6.01	5.27	8.66	11.0	-2.34
	5280	56	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	5.67	4.27	8.04	11.0	-2.96
	5320	64	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	4.51	4.29	7.41	10.7	-3.33
	5270	54	n (40MHz)	SDM	216/240 (MCS13)	4.55	4.17	7.37	11.0	-3.63
	5310	62	n (40MHz)	CDD	216/240 (MCS13)	-0.75	-1.05	2.12	10.7	-8.62
	5270	54	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	4.84	4.55	7.71	11.0	-3.29
	5310	62	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	-1.90	-2.04	1.04	10.7	-9.70
	5290	58	ac (80MHz)	CDD	468/520 (MCS5)	-5.52	-5.15	-2.32	10.7	-13.06
	5290	58	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-6.34	-6.54	-3.43	10.7	-14.17
Band 2C	5500	100	n (20MHz)	CDD	104/115.6 (MCS13)	3.06	3.00	6.04	11.0	-4.96
	5580	116	n (20MHz)	SDM	104/115.6 (MCS13)	7.10	6.74	9.93	11.0	-1.07
	5720	144	n (20MHz)	SDM	104/115.6 (MCS13)	6.78	6.67	9.73	11.0	-1.27
	5500	100	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	4.04	3.92	6.99	11.0	-4.01
	5580	116	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	5.60	5.76	8.69	11.0	-2.31
	5720	144	ax (SU) (20MHz)	SDM	130/137.6 (MCS5)	5.61	5.70	8.66	11.0	-2.34
	5510	102	n (40MHz)	CDD	216/240 (MCS13)	-2.01	-2.13	0.94	10.0	-9.10
	5550	110	n (40MHz)	SDM	216/240 (MCS13)	4.42	3.73	7.10	11.0	-3.90
	*5590	118	n (40MHz)	SDM	216/240 (MCS13)	5.43	5.26	8.35	11.0	-2.65
	5710	142	n (40MHz)	SDM	216/240 (MCS13)	5.35	5.08	8.23	11.0	-2.77
	5510	102	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	-3.20	-3.06	-0.12	10.0	-10.16
	5550	110	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	4.21	3.96	7.10	11.0	-3.90
	*5590	118	ax (SU) (40MHz)	SDM	260/275.3 (MCS5)	5.75	5.48	8.62	11.0	-2.38
	5710	142	ax (SU) (40MHz)	SDM	260/275.3 (MCS5)	5.64	5.27	8.47	11.0	-2.53
	5530	106	ac (80MHz)	CDD	468/520 (MCS5)	-6.39	-5.24	-2.76	10.0	-12.80
	*5610	122	ac (80MHz)	CDD	468/520 (MCS5)	0.36	1.11	3.76	10.0	-6.28
	5690	138	ac (80MHz)	SDM	468/520 (MCS5)	1.46	2.18	4.85	11.0	-6.15
	5530	106	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-6.41	-6.39	-3.39	10.0	-13.43
	*5610	122	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-0.75	-0.48	2.40	10.0	-7.64
	5690	138	ax (SU) (80MHz)	SDM	574/576.5 (MCS5)	3.48	2.96	6.24	11.0	-4.76

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

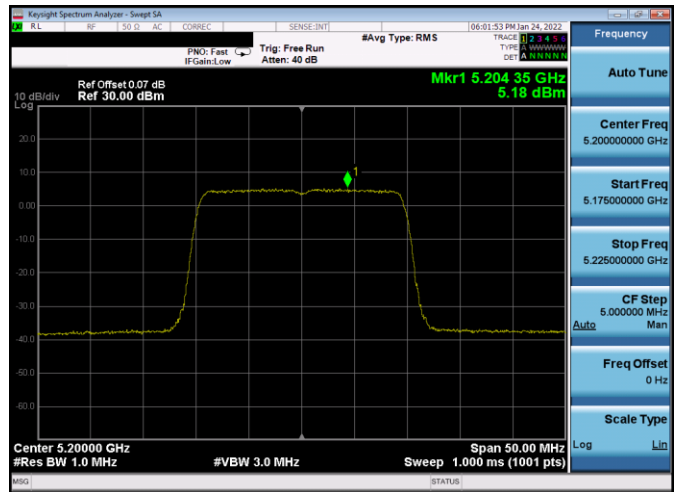
*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

FCC ID: BCGA2588 IC: 579C-A2588	 PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 127 of 352

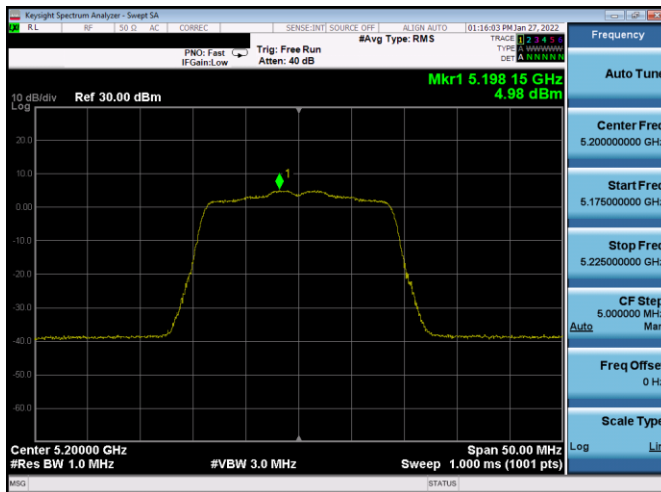
Low Data Rate



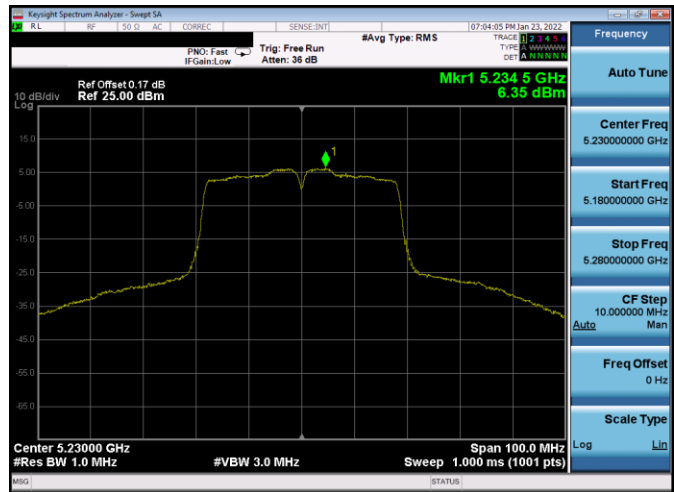
Plot 7-325. PSD SDM Antenna WF8 (20MHz BW 802.11n – Ch. 40, MCS8)



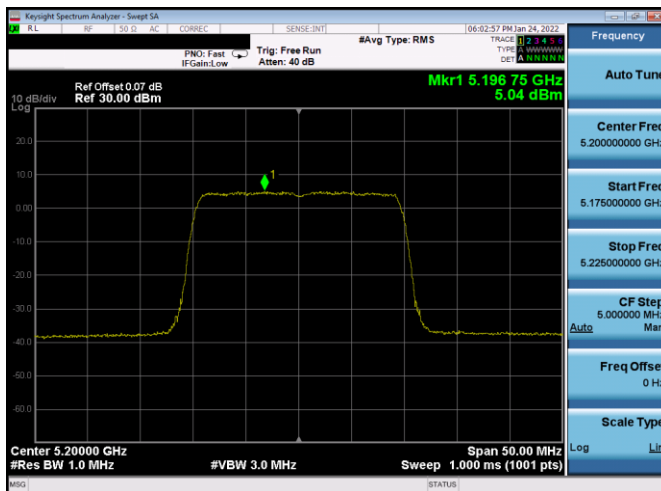
Plot 7-328. PSD SDM Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 40, MCS0)



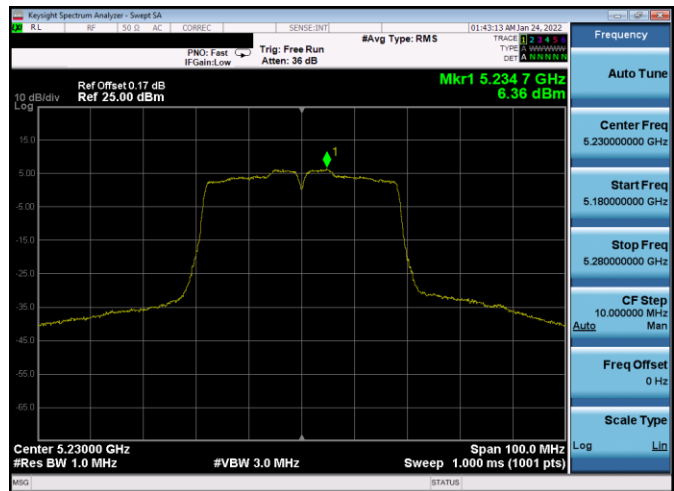
Plot 7-326. PSD SDM Antenna WF7a (20MHz BW 802.11n – Ch. 40, MCS8)



Plot 7-329. PSD SDM Antenna WF8 (40MHz BW 802.11n – Ch. 46, MCS8)

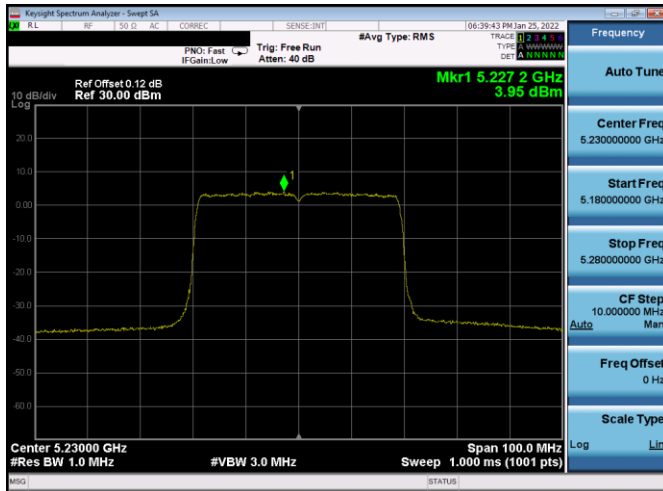


Plot 7-327. PSD SDM Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 40, MCS0)

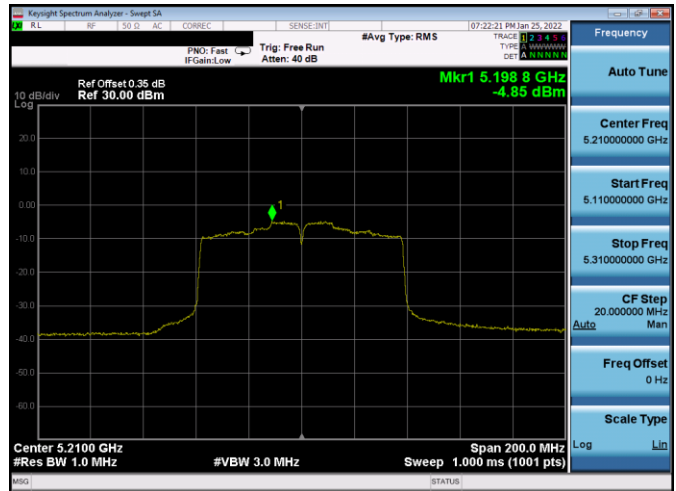


Plot 7-330. PSD SDM Antenna WF7a (40MHz BW 802.11n – Ch. 46, MCS8)

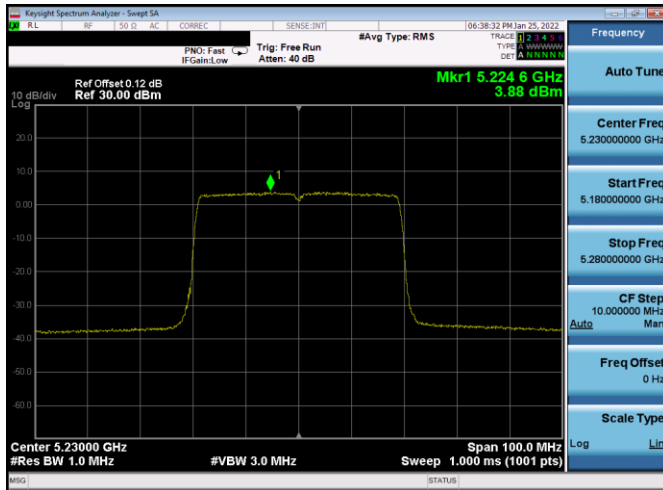
FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 128 of 352



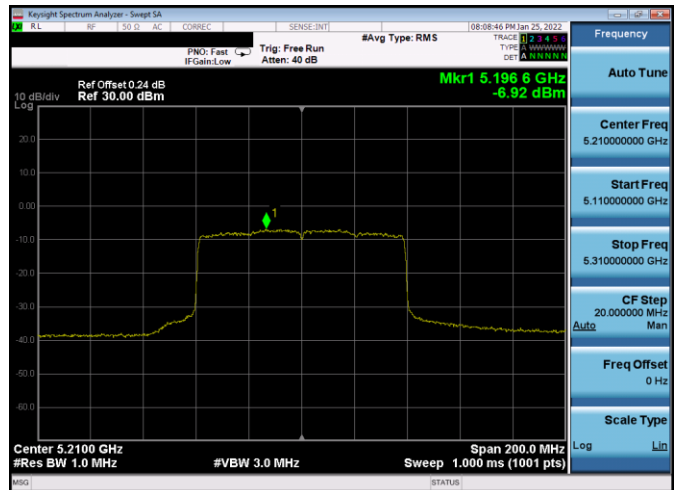
Plot 7-331. PSD SDM Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 46, MCS0)



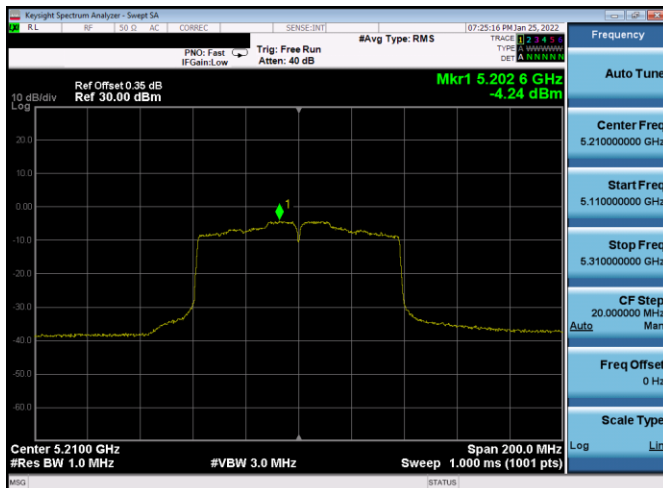
Plot 7-334. PSD CDD Antenna WF7a (80MHz BW 802.11ac - Ch. 42, MCS0)



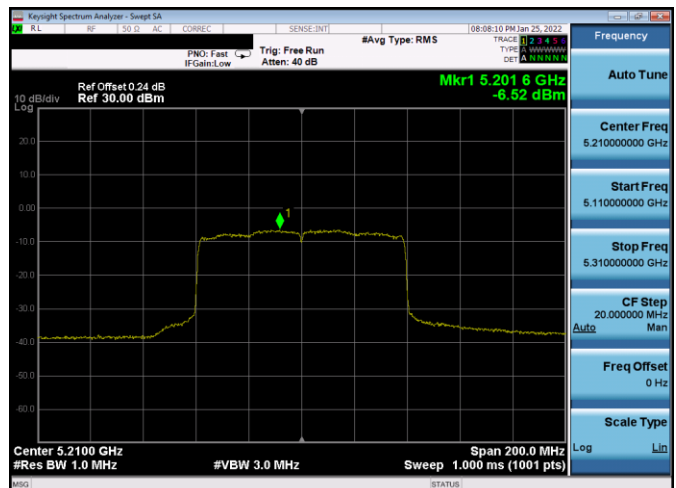
Plot 7-332. PSD SDM Antenna WF7a (40MHz BW 802.11ax(SU) - Ch. 46, MCS0)



Plot 7-335. PSD CDD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 42, MCS0)

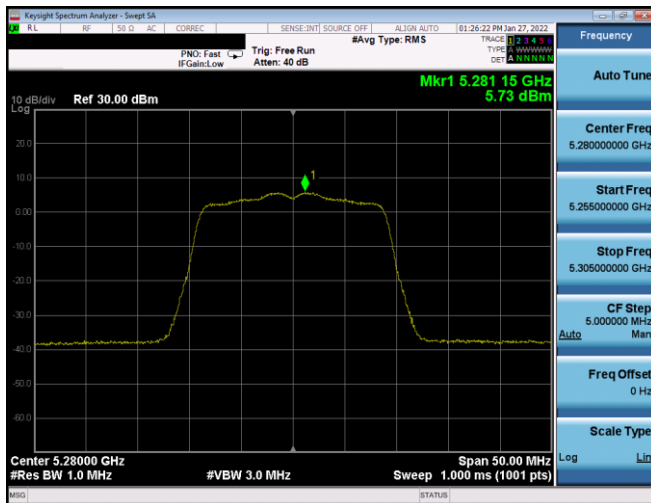


Plot 7-333. PSD CDD Antenna WF8 (80MHz BW 802.11ac - Ch. 42, MCS0)

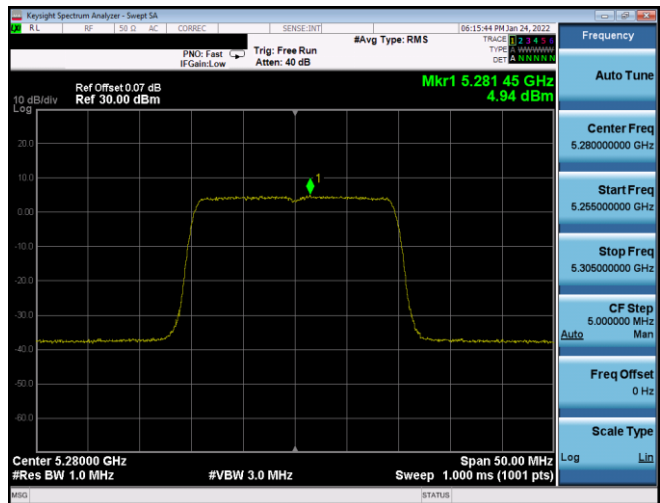


Plot 7-336. PSD CDD Antenna WF7a (80MHz BW 802.11ax(SU) - Ch. 42, MCS0)

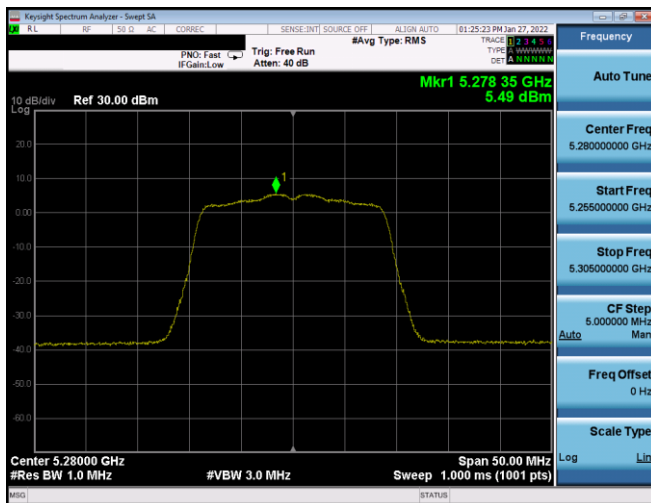
FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 129 of 352



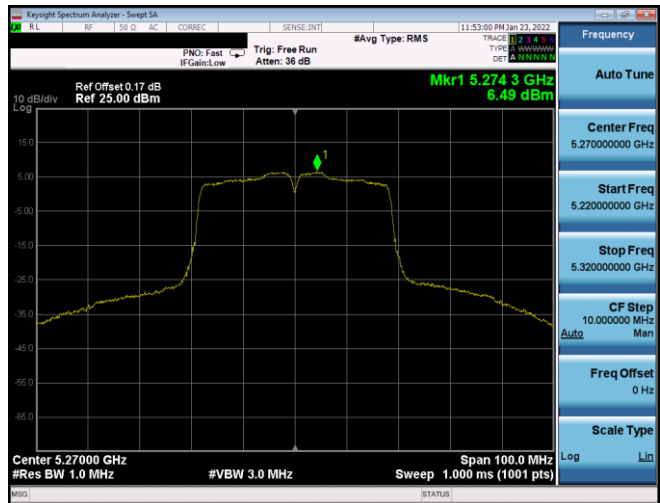
Plot 7-337. PSD SDM Antenna WF8 (20MHz BW 802.11n – Ch. 56, MCS5)



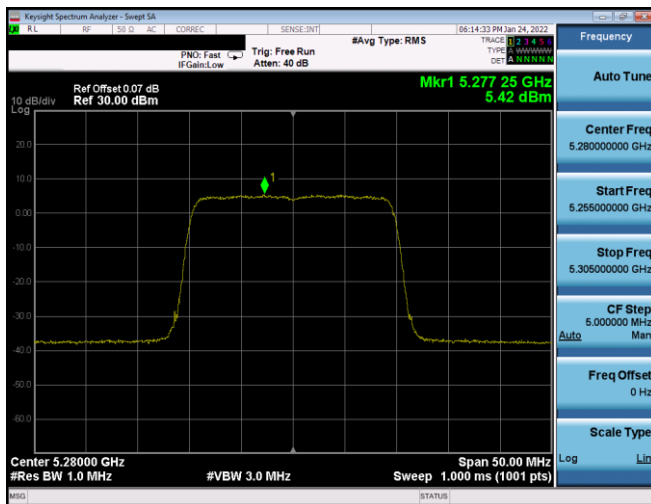
Plot 7-340. PSD SDM Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 56, MCS0)



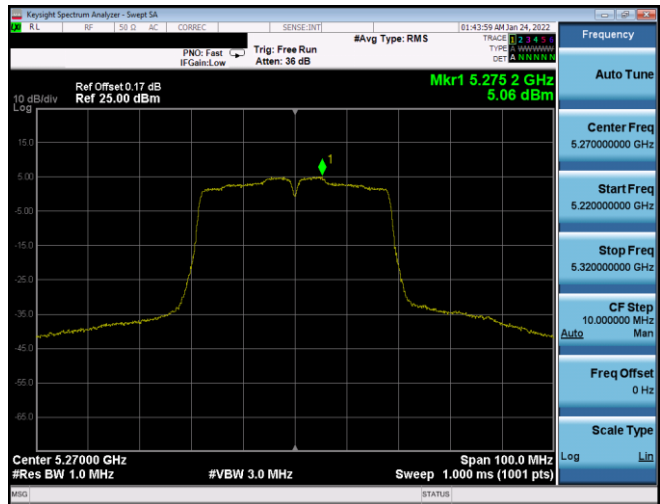
Plot 7-338. PSD SDM Antenna WF7a (20MHz BW 802.11n – Ch. 56, MCS8)



Plot 7-341. PSD SDM Antenna WF8 (40MHz BW 802.11n – Ch. 54, MCS8)

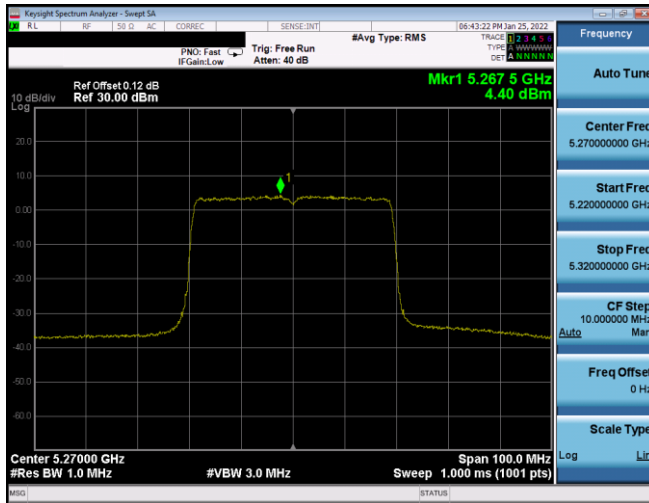


Plot 7-339. PSD SDM Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 56, MCS0)

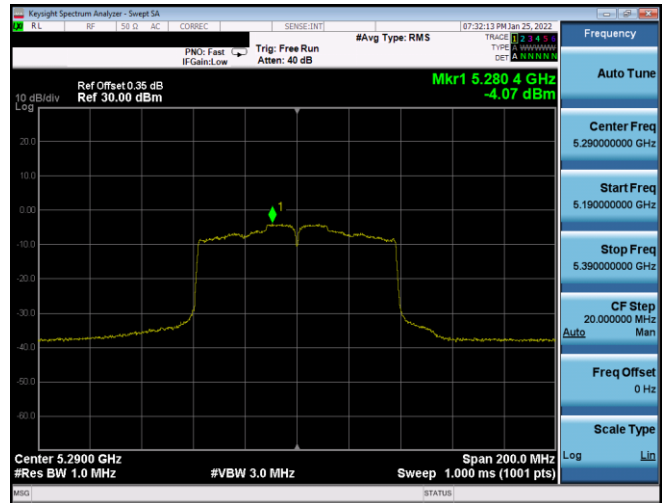


Plot 7-342. PSD SDM Antenna WF7a (40MHz BW 802.11n – Ch. 54, MCS8)

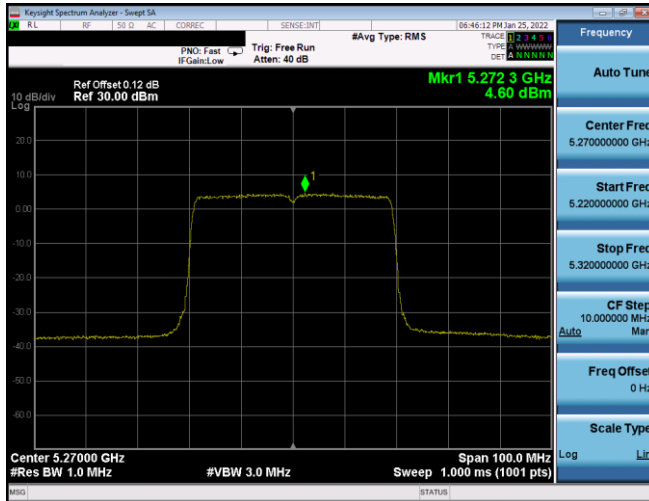
FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 130 of 352



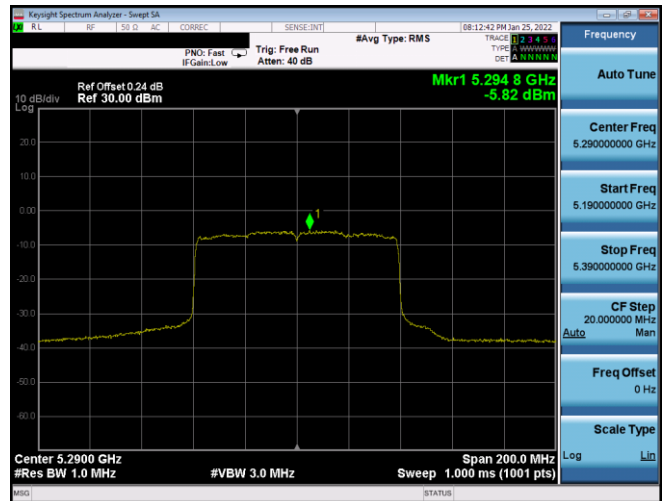
Plot 7-343. PSD SDM Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 54, MCS0)



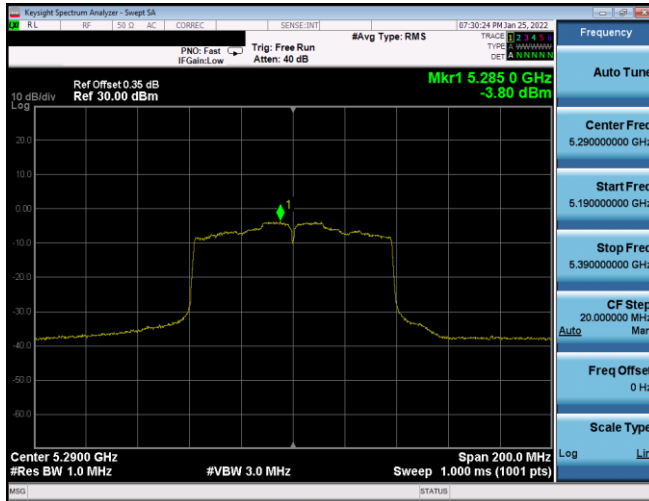
Plot 7-346. PSD CDD Antenna WF7a (80MHz BW 802.11ac – Ch. 58, MCS0)



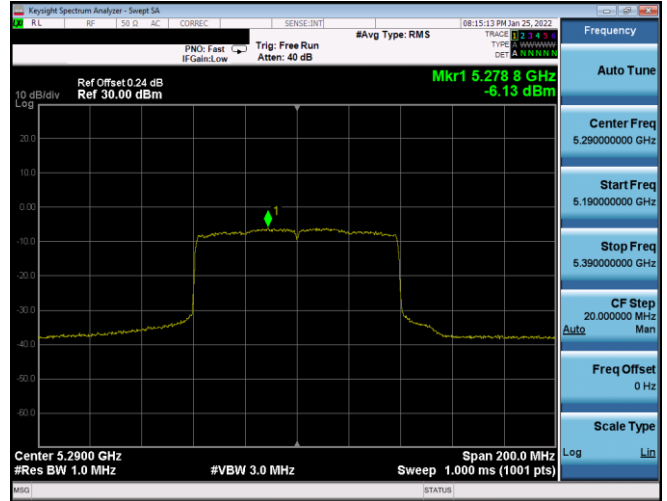
Plot 7-344. PSD SDM Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 54, MCS0)



Plot 7-347. PSD CDD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 58, MCS0)



Plot 7-345. PSD CDD Antenna WF7a (80MHz BW 802.11ac – Ch. 58, MCS0)



Plot 7-348. PSD CDD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 58, MCS0)

FCC ID: BCGA2588 IC: 579C-A2588		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 131 of 352