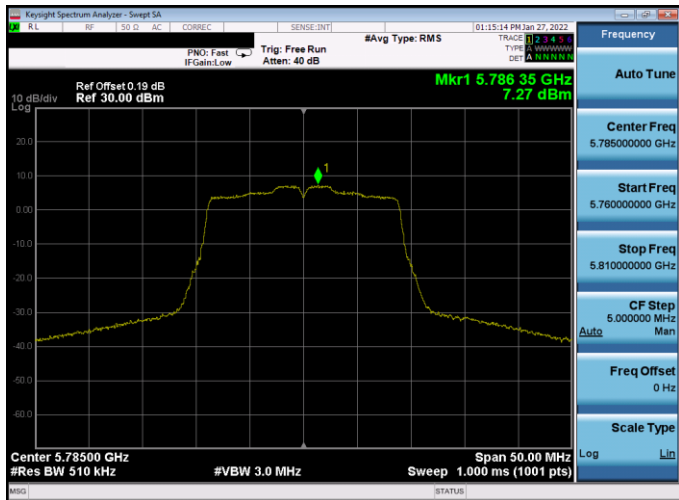
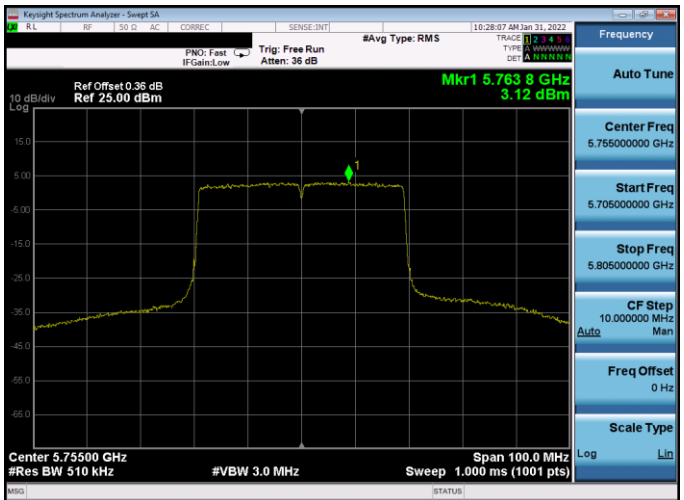


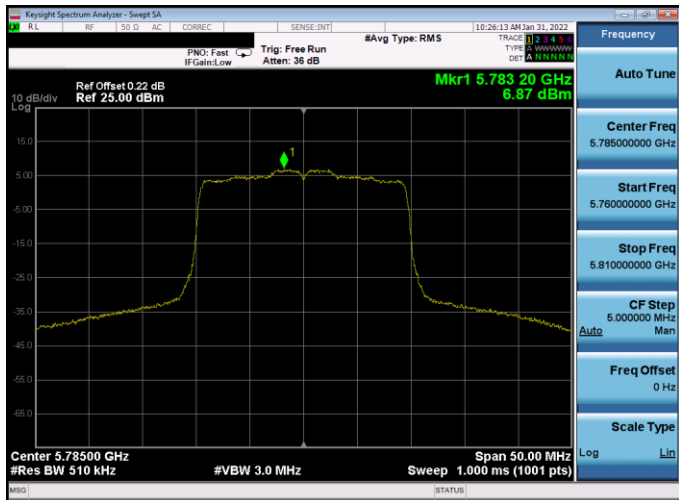
Mid Data Rate



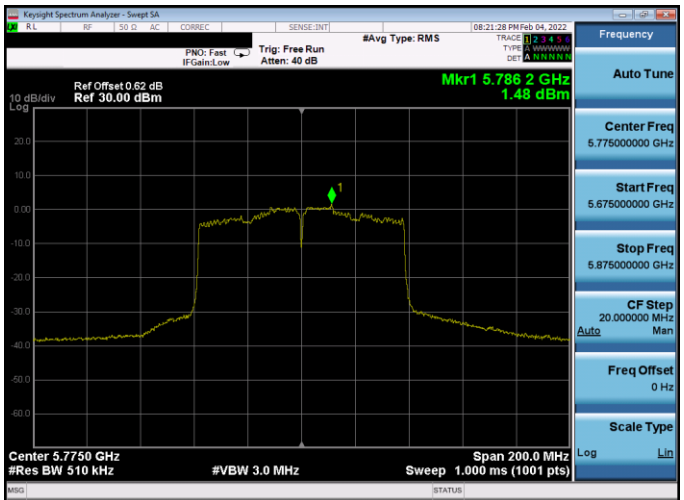
Plot 7-367. PSD Antenna 1B (20MHz BW 802.11n – Ch. 157, MCS3)



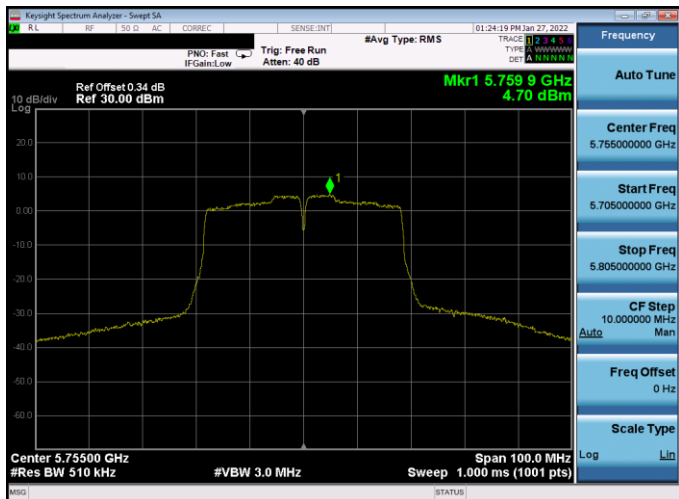
Plot 7-370. PSD Antenna 1B (40MHz BW 802.11ax(SU) – Ch. 151, MCS3)



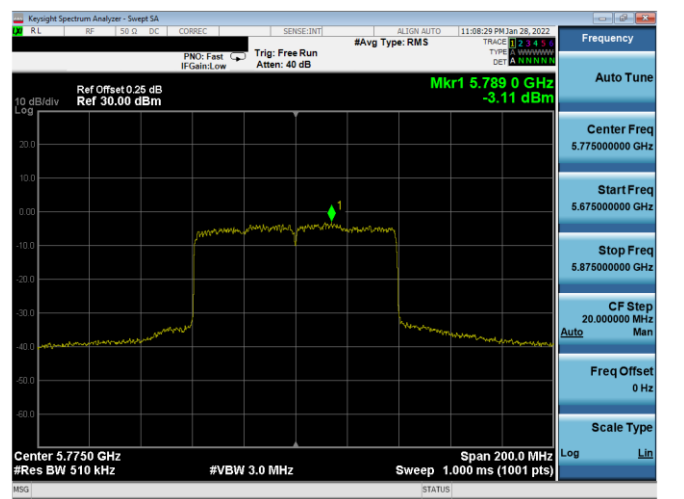
Plot 7-368. PSD Antenna 1B (20MHz BW 802.11ax(SU) – Ch. 157, MCS3)



Plot 7-371. PSD Antenna 1B (80MHz BW 802.11ac – Ch. 155, MCS3)



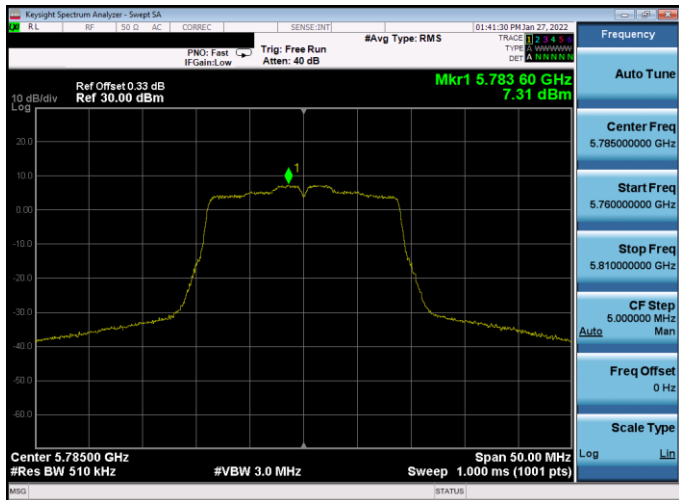
Plot 7-369. PSD Antenna 1B (40MHz BW 802.11n – Ch. 151, MCS3)



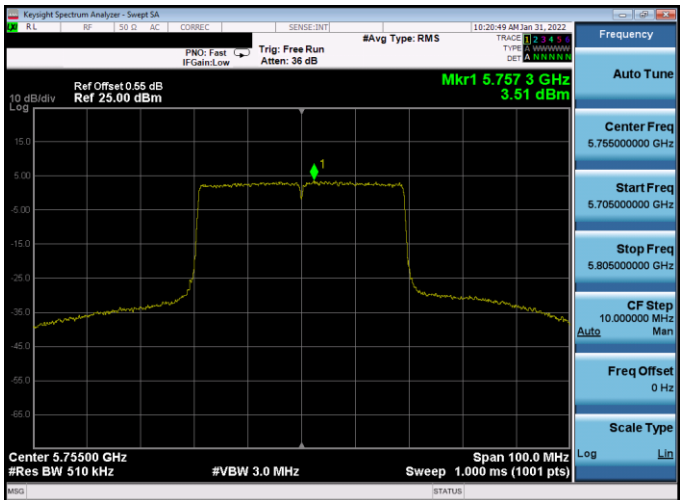
Plot 7-372. PSD Antenna 1B (80MHz BW 802.11ax(SU) – Ch. 155, MCS3)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 159 of 564

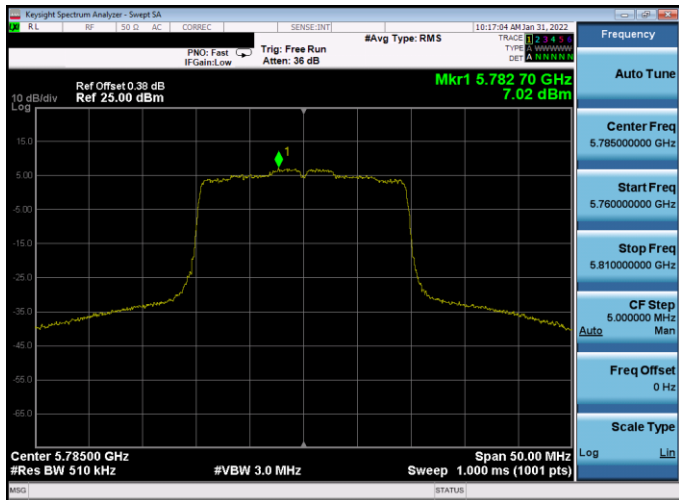
High Data Rate



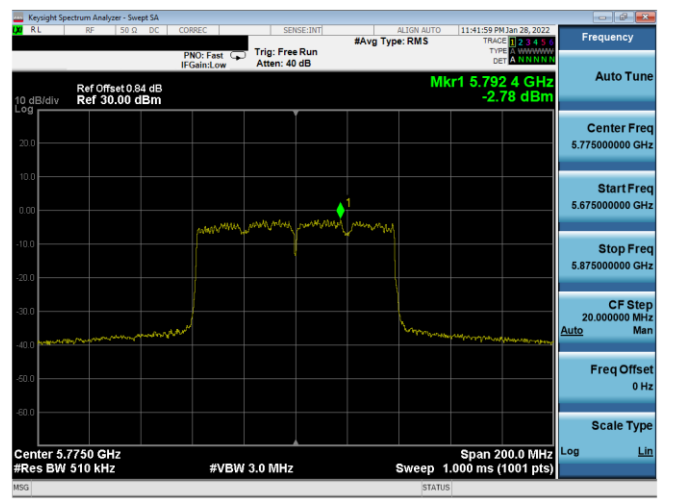
Plot 7-373. PSD Antenna 1B (20MHz BW 802.11n – Ch. 157, MCS5)



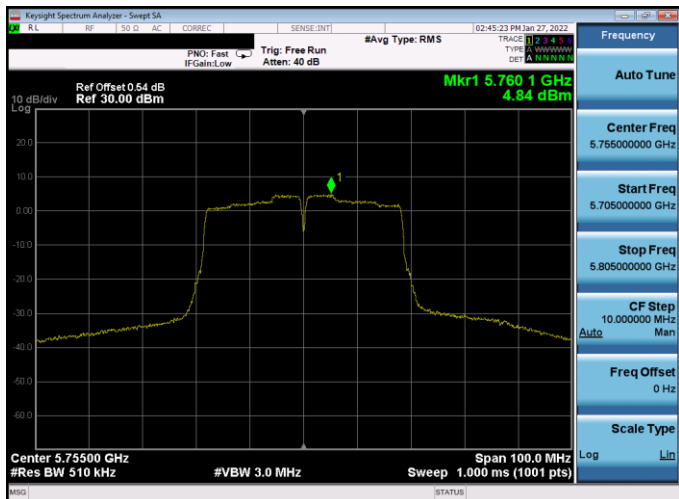
Plot 7-376. PSD Antenna 1B (40MHz BW 802.11ax(SU) – Ch. 151, MCS5)



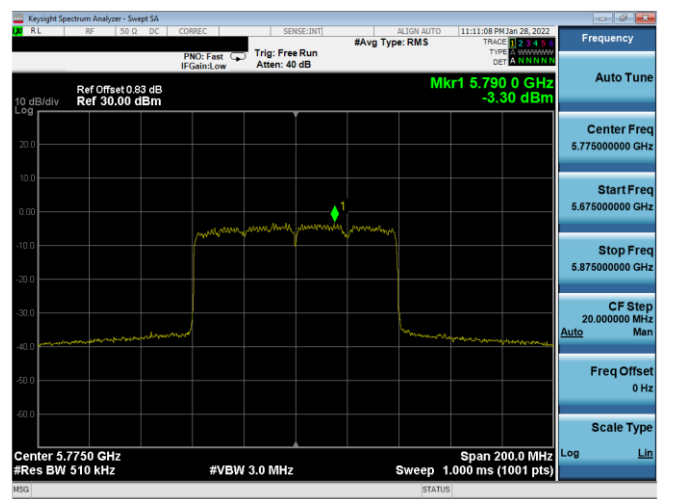
Plot 7-374. PSD Antenna 1B (20MHz BW 802.11ax(SU) – Ch. 157, MCS5)



Plot 7-377. PSD Antenna 1B (80MHz BW 802.11ac – Ch. 155, MCS5)



Plot 7-375. PSD Antenna 1B (40MHz BW 802.11n – Ch. 151, MCS5)



Plot 7-378. PSD Antenna 1B (80MHz BW 802.11ax(SU) – Ch. 155, MCS5)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 160 of 564

	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)	3.32	-0.10	3.22	10.0	-6.78
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	3.84	-0.10	3.74	10.0	-6.26
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	4.56	-0.10	4.46	10.0	-5.54
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	2.96	-0.10	2.86	10.0	-7.14
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	3.38	-0.10	3.28	10.0	-6.72
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	4.18	-0.10	4.08	10.0	-5.92
	5190	38	n (40MHz)	13.5/15 (MCS0)	2.10	-0.10	2.00	10.0	-8.00
	5230	46	n (40MHz)	13.5/15 (MCS0)	6.13	-0.10	6.03	10.0	-3.97
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-0.19	-0.10	-0.29	10.0	-10.29
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	4.31	-0.10	4.21	10.0	-5.79
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-0.71	-0.10	-0.81	10.0	-10.81
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-3.67	-0.10	-3.77	10.0	-13.77

Table 7-173. ISD Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1B (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)	3.86	-0.10	3.76	10.0	-6.24
	5200	40	n (20MHz)	26/28.9 (MCS3)	4.27	-0.10	4.17	10.0	-5.83
	5240	48	n (20MHz)	26/28.9 (MCS3)	4.75	-0.10	4.65	10.0	-5.35
	5180	36	ax (SU) (20MHz)	33/34.4 (MCS3)	3.32	-0.10	3.22	10.0	-6.78
	5200	40	ax (SU) (20MHz)	33/34.4 (MCS3)	3.81	-0.10	3.71	10.0	-6.29
	5240	48	ax (SU) (20MHz)	33/34.4 (MCS3)	4.40	-0.10	4.30	10.0	-5.70
	5190	38	n (40MHz)	54/60 (MCS3)	1.04	-0.10	0.94	10.0	-9.06
	5230	46	n (40MHz)	54/60 (MCS3)	6.28	-0.10	6.18	10.0	-3.82
	5190	38	ax (SU) (40MHz)	65/68.8 (MCS3)	-0.69	-0.10	-0.79	10.0	-10.79
	5230	46	ax (SU) (40MHz)	65/68.8 (MCS3)	4.83	-0.10	4.73	10.0	-5.27
	5210	42	ac (80MHz)	117/130 (MCS3)	-1.69	-0.10	-1.79	10.0	-11.79
	5210	42	ax (SU) (80MHz)	136/144.1 (MCS3)	-4.01	-0.10	-4.11	10.0	-14.11

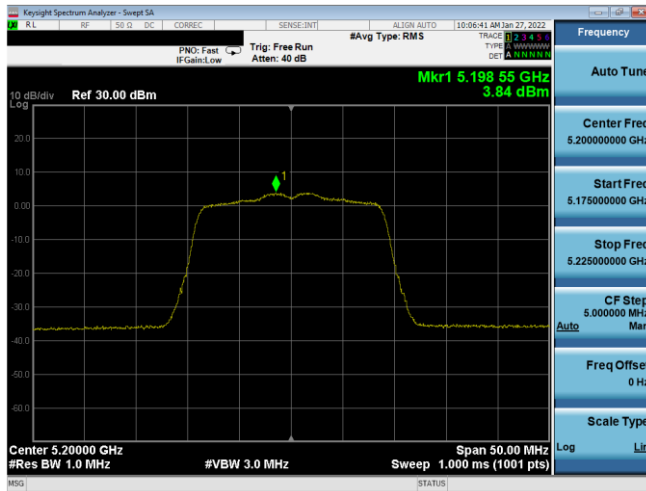
Table 7-174. ISD Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1B (Mid Data Rate)

	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)	3.92	-0.10	3.82	10.0	-6.18
	5200	40	n (20MHz)	52/57.8 (MCS5)	4.30	-0.10	4.20	10.0	-5.80
	5240	48	n (20MHz)	52/57.8 (MCS5)	4.83	-0.10	4.73	10.0	-5.27
	5180	36	ax (SU) (20MHz)	65/68.8 (MCS5)	3.52	-0.10	3.42	10.0	-6.58
	5200	40	ax (SU) (20MHz)	65/68.8 (MCS5)	3.97	-0.10	3.87	10.0	-6.13
	5240	48	ax (SU) (20MHz)	65/68.8 (MCS5)	4.35	-0.10	4.25	10.0	-5.75
	5190	38	n (40MHz)	108/120 (MCS5)	0.38	-0.10	0.28	10.0	-9.72
	5230	46	n (40MHz)	108/120 (MCS5)	6.78	-0.10	6.68	10.0	-3.32
	5190	38	ax (SU) (40MHz)	130/137.6 (MCS5)	-1.46	-0.10	-1.56	10.0	-11.56
	5230	46	ax (SU) (40MHz)	130/137.6 (MCS5)	4.49	-0.10	4.39	10.0	-5.61
	5210	42	ac (80MHz)	234/260 (MCS5)	-2.19	-0.10	-2.29	10.0	-12.29
	5210	42	ax (SU) (80MHz)	272/288.2 (MCS5)	-3.09	-0.10	-3.19	10.0	-13.19

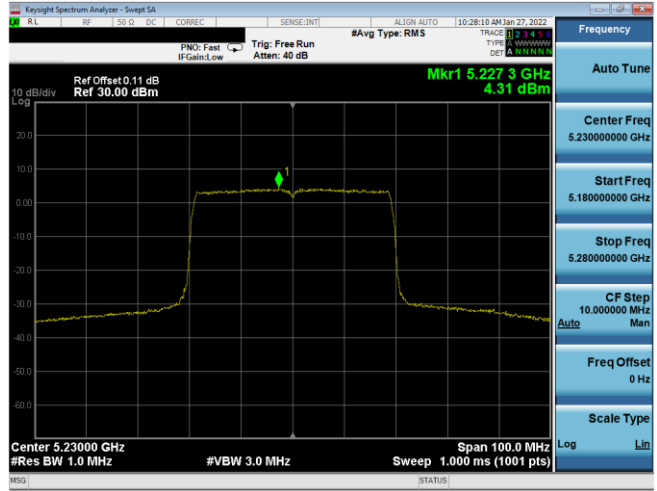
Table 7-175. ISD Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1B (High Data Rate)

FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 161 of 564

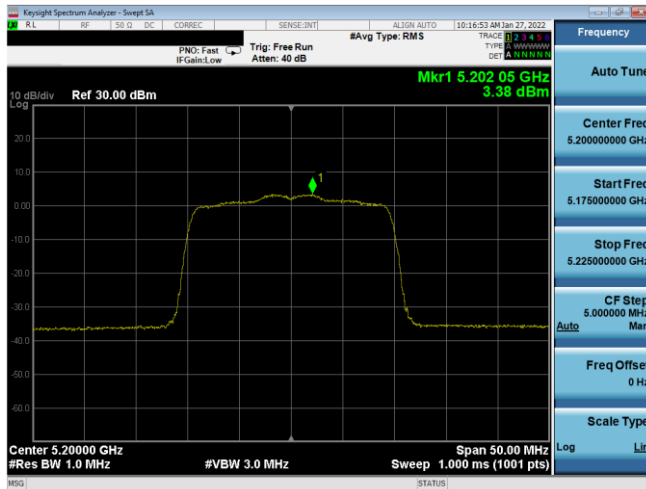
Low Data Rate



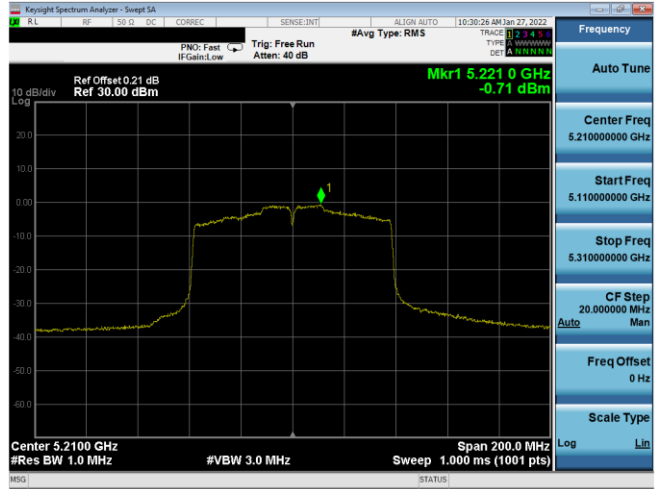
Plot 7-379. ISED PSD Antenna 1B (20MHz BW 11n – Ch.40, MCS0)



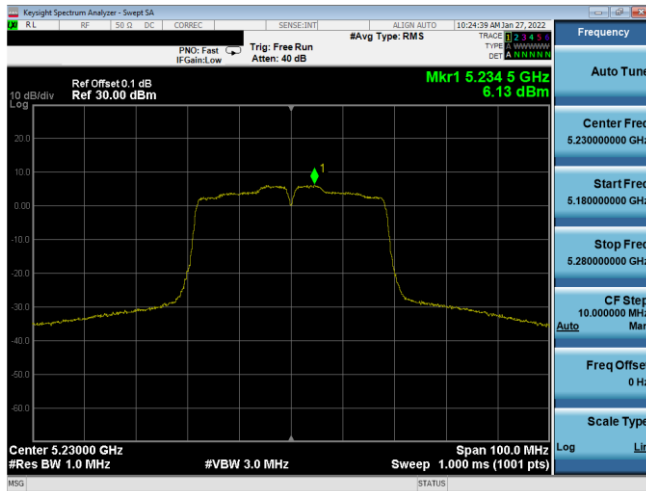
Plot 7-382. ISED PSD Antenna 1B (40MHz BW 11ax(SU) – Ch.46, MCS0)



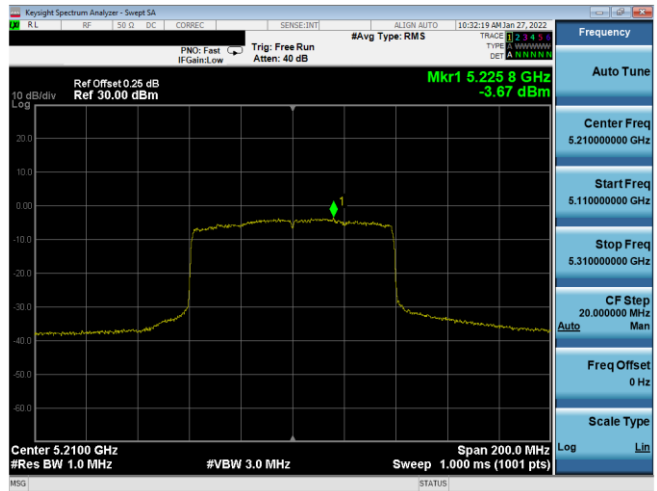
Plot 7-380. ISED PSD Antenna 1B (20MHz BW 11ax(SU) – Ch.40, MCS0)



Plot 7-383. ISED PSD Antenna 1B (80MHz BW 11ac – Ch.42, MCS0)



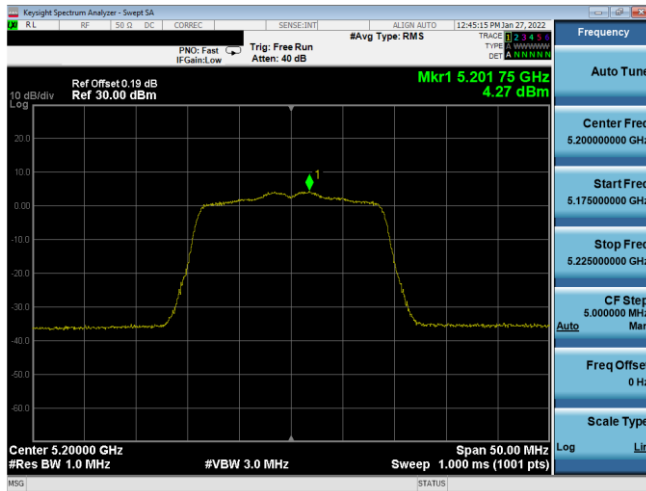
Plot 7-381. ISED PSD Antenna 1B (40MHz BW 11n – Ch.46, MCS0)



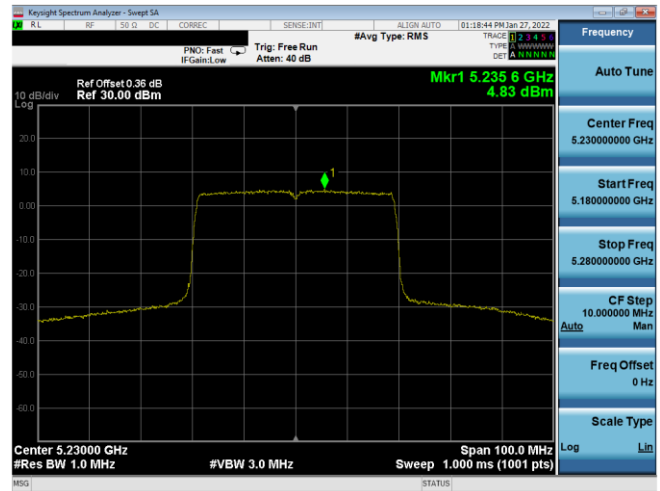
Plot 7-384. ISED PSD Antenna 1B (80MHz BW 11ax (SU) – Ch.42, MCS0)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 162 of 564

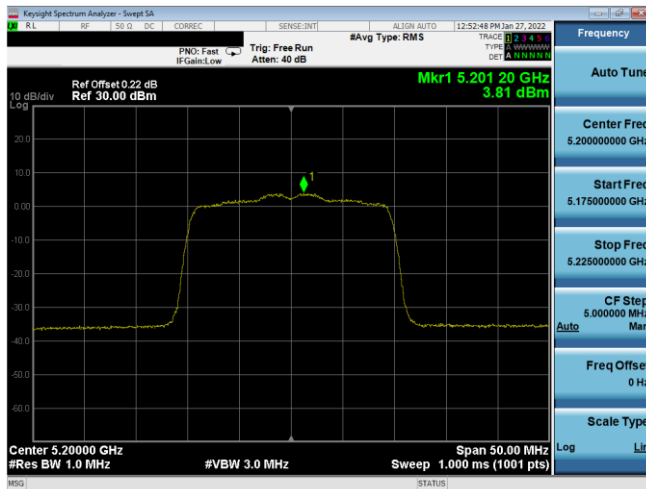
Mid Data Rate



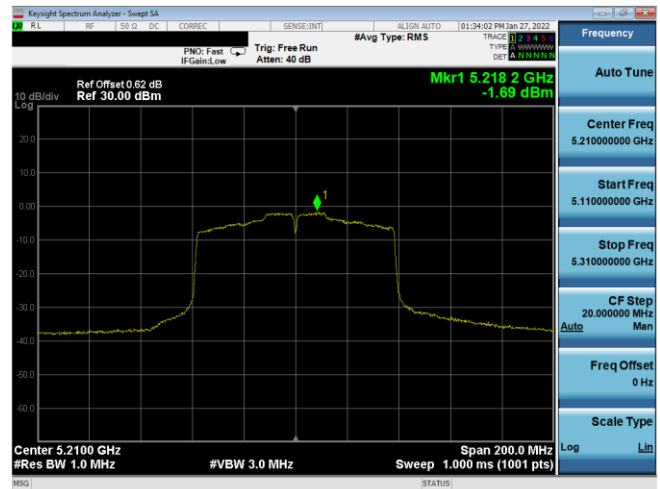
Plot 7-385. ISSED PSD Antenna 1B (20MHz BW 11n – Ch.40, MCS3)



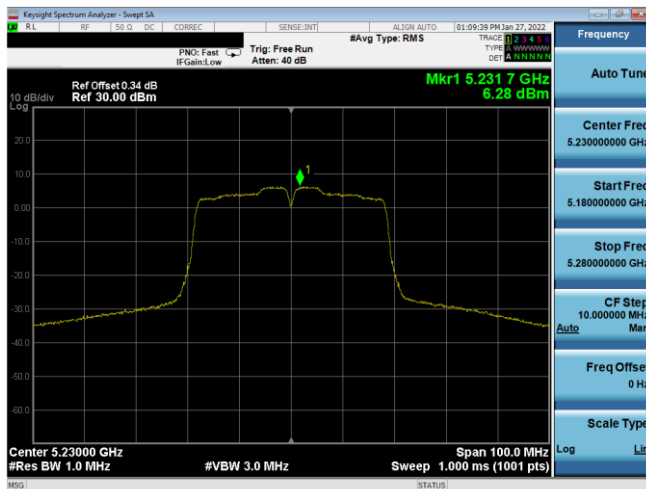
Plot 7-388. ISSED PSD Antenna 1B (40MHz BW 11ax(SU) – Ch.46, MCS3)



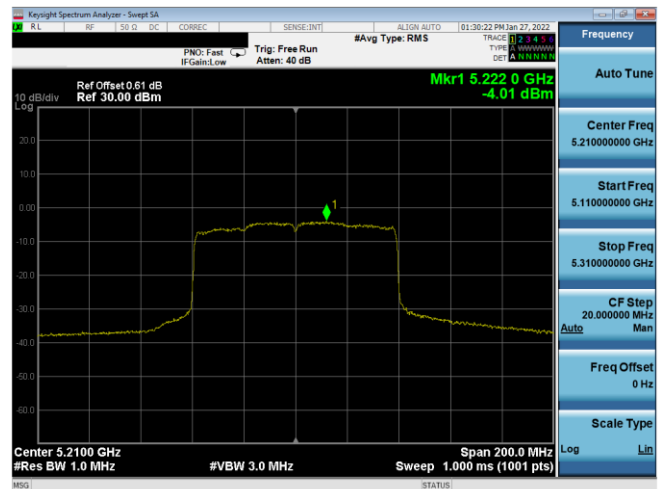
Plot 7-386. ISSED PSD Antenna 1B (20MHz BW 11ax(SU) – Ch.40, MCS3)



Plot 7-389. ISSED PSD Antenna 1B (80MHz BW 11ac – Ch.42, MCS3)



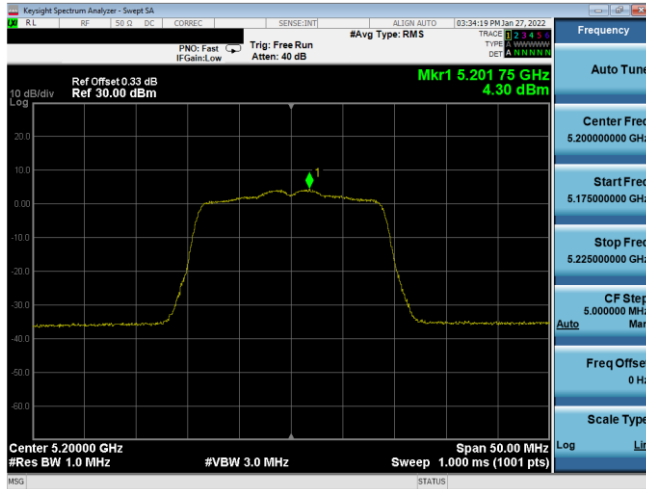
Plot 7-387. ISSED PSD Antenna 1B (40MHz BW 11n – Ch.46, MCS3)



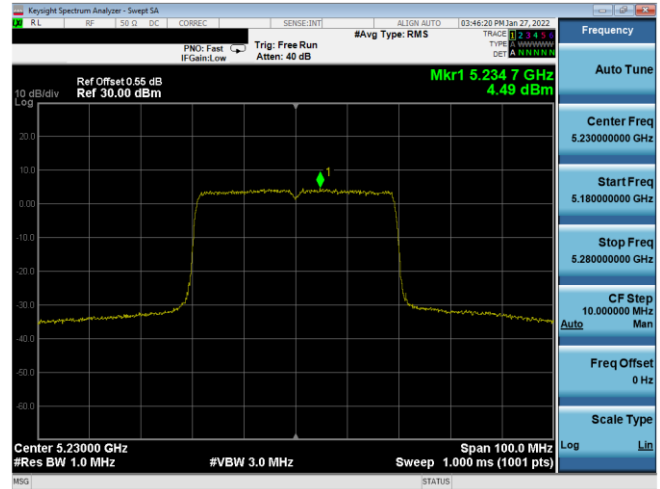
Plot 7-390. ISSED PSD Antenna 1B (80MHz BW 11ax (SU) – Ch.42, MCS3)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 163 of 564

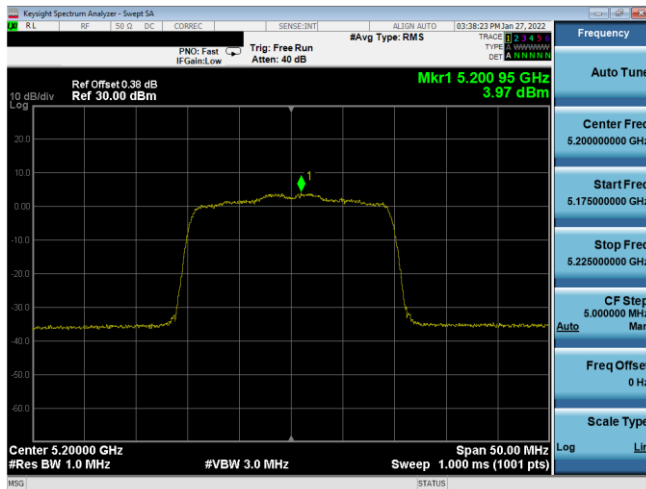
High Data Rate



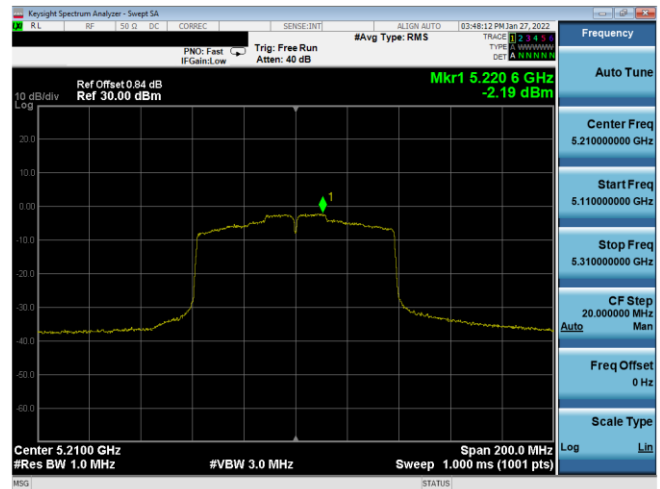
Plot 7-391. ISED PSD Antenna 1B (20MHz BW 11n – Ch.40, MCS5)



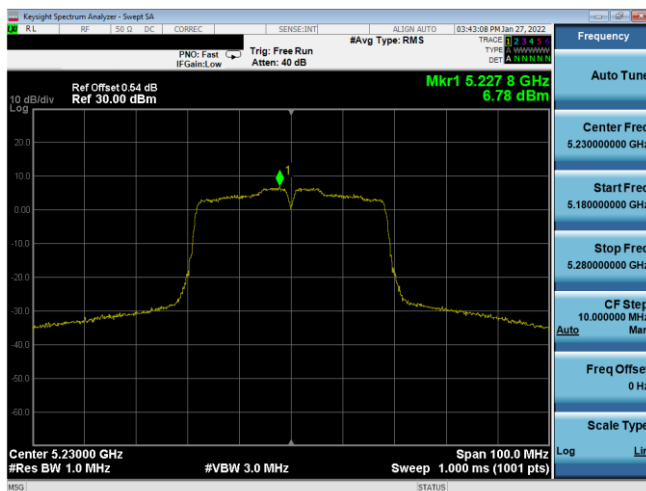
Plot 7-394. ISED PSD Antenna 1B (40MHz BW 11ax(SU) – Ch.46, MCS5)



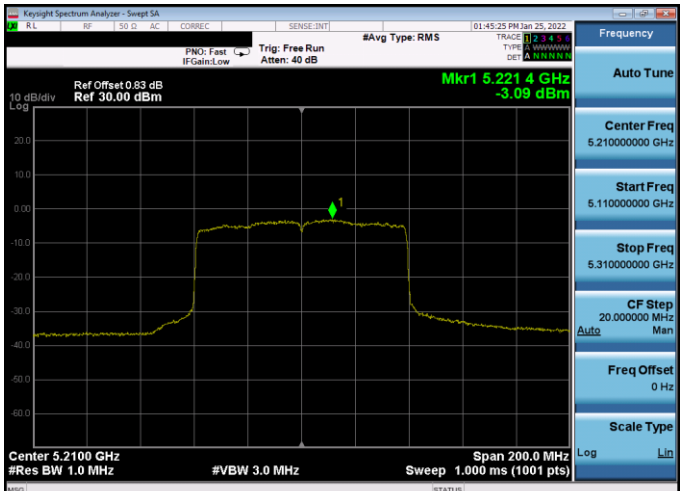
Plot 7-392. ISED PSD Antenna 1B (20MHz BW 11ax(SU) – Ch.40, MCS5)



Plot 7-395. ISED PSD Antenna 1B (80MHz BW 11ac – Ch.42, MCS5)



Plot 7-393. ISED PSD Antenna 1B (40MHz BW 11n – Ch.46, MCS5)



Plot 7-396. ISED PSD Antenna 1B (80MHz BW 11ax(SU) – Ch.42, MCS5)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 164 of 564

7.5.3 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)	6.77	11.0	-4.23
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	7.65	11.0	-3.35
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	7.69	11.0	-3.31
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	6.45	11.0	-4.56
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	7.25	11.0	-3.75
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	7.39	11.0	-3.61
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.94	11.0	-9.06
	5230	46	n (40MHz)	13.5/15 (MCS0)	6.01	11.0	-4.99
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-0.39	11.0	-11.39
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	4.55	11.0	-6.45
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-0.67	11.0	-11.67
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-3.10	11.0	-14.10
Band 2A	5260	52	n (20MHz)	6.5/7.2 (MCS0)	7.72	11.0	-3.28
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	7.80	11.0	-3.20
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	7.98	11.0	-3.02
	5260	52	ax (SU) (20MHz)	8/8.6 (MCS0)	7.15	11.0	-3.85
	5280	56	ax (SU) (20MHz)	8/8.6 (MCS0)	7.68	11.0	-3.32
	5320	64	ax (SU) (20MHz)	8/8.6 (MCS0)	6.99	11.0	-4.02
	5270	54	n (40MHz)	13.5/15 (MCS0)	6.28	11.0	-4.72
	5310	62	n (40MHz)	13.5/15 (MCS0)	2.88	11.0	-8.12
	5270	54	ax (SU) (40MHz)	16/17.2 (MCS0)	4.92	11.0	-6.08
	5310	62	ax (SU) (40MHz)	16/17.2 (MCS0)	-0.39	11.0	-11.39
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	-2.31	11.0	-13.31
	5290	58	ax (SU) (80MHz)	34/36 (MCS0)	-3.64	11.0	-14.64
Band 2C	5500	100	n (20MHz)	6.5/7.2 (MCS0)	7.30	11.0	-3.70
	5580	116	n (20MHz)	6.5/7.2 (MCS0)	7.43	11.0	-3.57
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	7.43	11.0	-3.58
	5500	100	ax (SU) (20MHz)	8/8.6 (MCS0)	5.68	11.0	-5.32
	5580	116	ax (SU) (20MHz)	8/8.6 (MCS0)	7.06	11.0	-3.94
	5720	144	ax (SU) (20MHz)	8/8.6 (MCS0)	7.13	11.0	-3.87
	5510	102	n (40MHz)	13.5/15 (MCS0)	2.56	11.0	-8.44
	5550	110	n (40MHz)	13.5/15 (MCS0)	5.99	11.0	-5.01
	5710	142	n (40MHz)	13.5/15 (MCS0)	5.92	11.0	-5.08
	5510	102	ax (SU) (40MHz)	16/17.2 (MCS0)	-1.21	11.0	-12.21
	5550	110	ax (SU) (40MHz)	16/17.2 (MCS0)	6.17	11.0	-4.83
	5710	142	ax (SU) (40MHz)	16/17.2 (MCS0)	4.35	11.0	-6.65
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	-1.37	11.0	-12.37
	5610	*122	ac (80MHz)	29.3/32.5 (MCS0)	2.34	11.0	-8.66
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	0.54	11.0	-10.46
	5530	106	ax (SU) (80MHz)	34/36 (MCS0)	-3.55	11.0	-14.55
	5610	*122	ax (SU) (80MHz)	34/36 (MCS0)	0.67	11.0	-10.33
	5690	138	ax (SU) (80MHz)	34/36 (MCS0)	-0.01	11.0	-11.01

Table 7-176. 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: BCGA2589 IC: 579C-A2589	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 165 of 564

	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)	26/28.9 (MCS3)	6.10	11.0	-4.90
	5200	40	n (20MHz)	26/28.9 (MCS3)	7.54	11.0	-3.46
	5240	48	n (20MHz)	26/28.9 (MCS3)	8.01	11.0	-2.99
	5180	36	ax (SU) (20MHz)	33/34.4 (MCS3)	4.71	11.0	-6.29
	5200	40	ax (SU) (20MHz)	33/34.4 (MCS3)	7.30	11.0	-3.70
	5240	48	ax (SU) (20MHz)	33/34.4 (MCS3)	7.10	11.0	-3.90
	5190	38	n (40MHz)	54/60 (MCS3)	1.14	11.0	-9.86
	5230	46	n (40MHz)	54/60 (MCS3)	6.10	11.0	-4.90
	5190	38	ax (SU) (40MHz)	65/68.8 (MCS3)	-0.98	11.0	-11.98
	5230	46	ax (SU) (40MHz)	65/68.8 (MCS3)	4.55	11.0	-6.45
	5210	42	ac (80MHz)	117/130 (MCS3)	-1.17	11.0	-12.17
	5210	42	ax (SU) (80MHz)	136/144.1 (MCS3)	-2.83	11.0	-13.83
Band 2A	5260	52	n (20MHz)	26/28.9 (MCS3)	7.92	11.0	-3.08
	5280	56	n (20MHz)	26/28.9 (MCS3)	7.96	11.0	-3.04
	5320	64	n (20MHz)	26/28.9 (MCS3)	7.16	11.0	-3.84
	5260	52	ax (SU) (20MHz)	33/34.4 (MCS3)	7.38	11.0	-3.62
	5280	56	ax (SU) (20MHz)	33/34.4 (MCS3)	7.14	11.0	-3.86
	5320	64	ax (SU) (20MHz)	33/34.4 (MCS3)	5.96	11.0	-5.04
	5270	54	n (40MHz)	54/60 (MCS3)	6.66	11.0	-4.34
	5310	62	n (40MHz)	54/60 (MCS3)	2.46	11.0	-8.54
	5270	54	ax (SU) (40MHz)	65/68.8 (MCS3)	4.51	11.0	-6.49
	5310	62	ax (SU) (40MHz)	65/68.8 (MCS3)	-0.83	11.0	-11.83
	5290	58	ac (80MHz)	117/130 (MCS3)	-3.01	11.0	-14.01
	5290	58	ax (SU) (80MHz)	136/144.1 (MCS3)	-4.90	11.0	-15.90
Band 2C	5500	100	n (20MHz)	26/28.9 (MCS3)	5.70	11.0	-5.30
	5580	116	n (20MHz)	26/28.9 (MCS3)	7.41	11.0	-3.59
	5720	144	n (20MHz)	26/28.9 (MCS3)	7.45	11.0	-3.55
	5500	100	ax (SU) (20MHz)	33/34.4 (MCS3)	4.93	11.0	-6.07
	5580	116	ax (SU) (20MHz)	33/34.4 (MCS3)	7.32	11.0	-3.68
	5720	144	ax (SU) (20MHz)	33/34.4 (MCS3)	7.12	11.0	-3.88
	5510	102	n (40MHz)	54/60 (MCS3)	1.06	11.0	-9.94
	5550	110	n (40MHz)	54/60 (MCS3)	6.36	11.0	-4.64
	5710	142	n (40MHz)	54/60 (MCS3)	6.16	11.0	-4.84
	5510	102	ax (SU) (40MHz)	65/68.8 (MCS3)	-1.45	11.0	-12.45
	5550	110	ax (SU) (40MHz)	65/68.8 (MCS3)	4.09	11.0	-6.91
	5710	142	ax (SU) (40MHz)	65/68.8 (MCS3)	4.93	11.0	-6.07
	5530	106	ac (80MHz)	117/130 (MCS3)	-2.11	11.0	-13.11
	5610	*122	ac (80MHz)	117/130 (MCS3)	2.24	11.0	-8.76
	5690	138	ac (80MHz)	117/130 (MCS3)	3.19	11.0	-7.82
	5530	106	ax (SU) (80MHz)	136/144.1 (MCS3)	-3.70	11.0	-14.70
	5610	*122	ax (SU) (80MHz)	136/144.1 (MCS3)	-0.18	11.0	-11.18
	5690	138	ax (SU) (80MHz)	136/144.1 (MCS3)	-0.02	11.0	-11.02

Table 7-177. 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: BCGA2589 IC: 579C-A2589	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 166 of 564

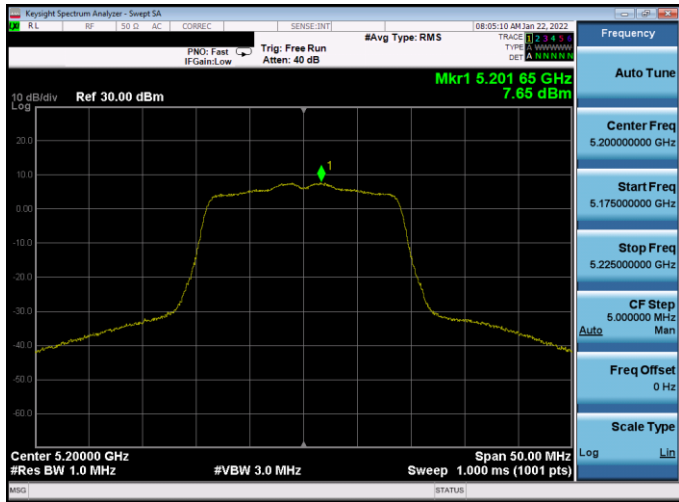
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	52/57.8 (MCS5)	5.21	11.0	-5.79
	5200	40	n (20MHz)	52/57.8 (MCS5)	7.64	11.0	-3.36
	5240	48	n (20MHz)	52/57.8 (MCS5)	7.69	11.0	-3.32
	5180	36	ax (SU) (20MHz)	65/68.8 (MCS5)	5.02	11.0	-5.98
	5200	40	ax (SU) (20MHz)	65/68.8 (MCS5)	7.33	11.0	-3.67
	5240	48	ax (SU) (20MHz)	65/68.8 (MCS5)	7.43	11.0	-3.57
	5190	38	n (40MHz)	108/120 (MCS5)	0.19	11.0	-10.81
	5230	46	n (40MHz)	108/120 (MCS5)	6.28	11.0	-4.72
	5190	38	ax (SU) (40MHz)	130/137.6 (MCS5)	-1.37	11.0	-12.37
	5230	46	ax (SU) (40MHz)	130/137.6 (MCS5)	4.14	11.0	-6.86
	5210	42	ac (80MHz)	234/260 (MCS5)	-2.42	11.0	-13.42
Band 2A	5210	42	ax (SU) (80MHz)	272/288.2 (MCS5)	-4.27	11.0	-15.27
	5260	52	n (20MHz)	52/57.8 (MCS5)	7.78	11.0	-3.22
	5280	56	n (20MHz)	52/57.8 (MCS5)	8.02	11.0	-2.98
	5320	64	n (20MHz)	52/57.8 (MCS5)	6.64	11.0	-4.36
	5260	52	ax (SU) (20MHz)	65/68.8 (MCS5)	7.42	11.0	-3.58
	5280	56	ax (SU) (20MHz)	65/68.8 (MCS5)	7.47	11.0	-3.53
	5320	64	ax (SU) (20MHz)	65/68.8 (MCS5)	5.80	11.0	-5.20
	5270	54	n (40MHz)	108/120 (MCS5)	6.38	11.0	-4.62
	5310	62	n (40MHz)	108/120 (MCS5)	1.63	11.0	-9.37
	5270	54	ax (SU) (40MHz)	130/137.6 (MCS5)	4.75	11.0	-6.25
	5310	62	ax (SU) (40MHz)	130/137.6 (MCS5)	-0.84	11.0	-11.84
	5290	58	ac (80MHz)	234/260 (MCS5)	-2.79	11.0	-13.79
	5290	58	ax (SU) (80MHz)	272/288.2 (MCS5)	-3.51	11.0	-14.51
Band 2C	5500	100	n (20MHz)	52/57.8 (MCS5)	4.79	11.0	-6.21
	5580	116	n (20MHz)	52/57.8 (MCS5)	6.36	11.0	-4.64
	5720	144	n (20MHz)	52/57.8 (MCS5)	7.86	11.0	-3.14
	5500	100	ax (SU) (20MHz)	65/68.8 (MCS5)	4.60	11.0	-6.40
	5580	116	ax (SU) (20MHz)	65/68.8 (MCS5)	6.25	11.0	-4.75
	5720	144	ax (SU) (20MHz)	65/68.8 (MCS5)	8.11	11.0	-2.89
	5510	102	n (40MHz)	108/120 (MCS5)	-0.82	11.0	-11.82
	5550	110	n (40MHz)	108/120 (MCS5)	6.19	11.0	-4.81
	5710	142	n (40MHz)	108/120 (MCS5)	6.69	11.0	-4.32
	5510	102	ax (SU) (40MHz)	130/137.6 (MCS5)	-2.08	11.0	-13.08
	5550	110	ax (SU) (40MHz)	130/137.6 (MCS5)	3.56	11.0	-7.44
	5710	142	ax (SU) (40MHz)	130/137.6 (MCS5)	5.02	11.0	-5.98
	5530	106	ac (80MHz)	234/260 (MCS5)	-2.97	11.0	-13.97
	5610	*122	ac (80MHz)	234/260 (MCS5)	0.00	11.0	-11.00
	5690	138	ac (80MHz)	234/260 (MCS5)	4.58	11.0	-6.42
	5530	106	ax (SU) (80MHz)	272/288.2 (MCS5)	-5.01	11.0	-16.01
	5610	*122	ax (SU) (80MHz)	272/288.2 (MCS5)	-0.59	11.0	-11.59
	5690	138	ax (SU) (80MHz)	272/288.2 (MCS5)	2.75	11.0	-8.25

Table 7-178. Power Spectral Density Measurements Antenna 3A (High Data Rate)

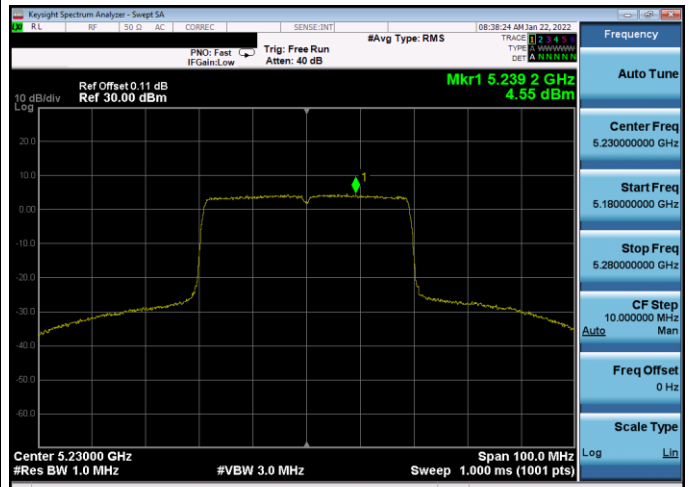
*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 167 of 564

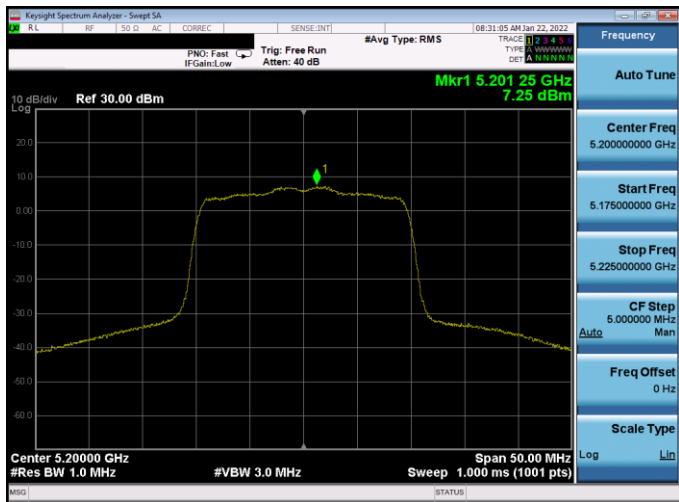
Low Data Rate



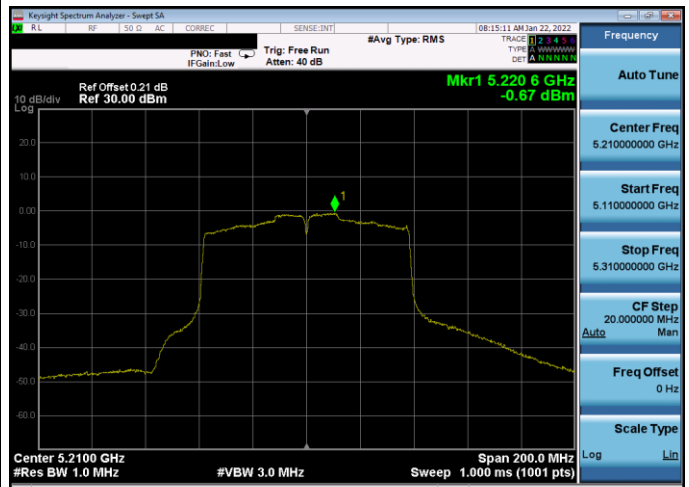
Plot 7-397. PSD Antenna 3A (20MHz BW 802.11n - Ch. 40, MCS0)



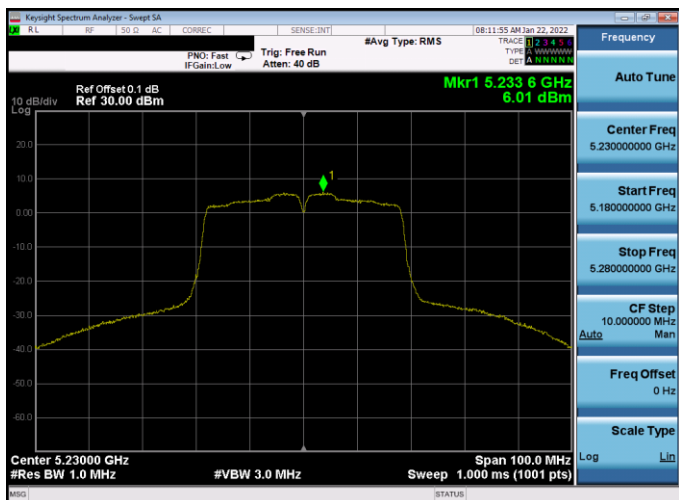
Plot 7-400. PSD Antenna 3A (40MHz BW 802.11ax(SU) - Ch. 46, MCS0)



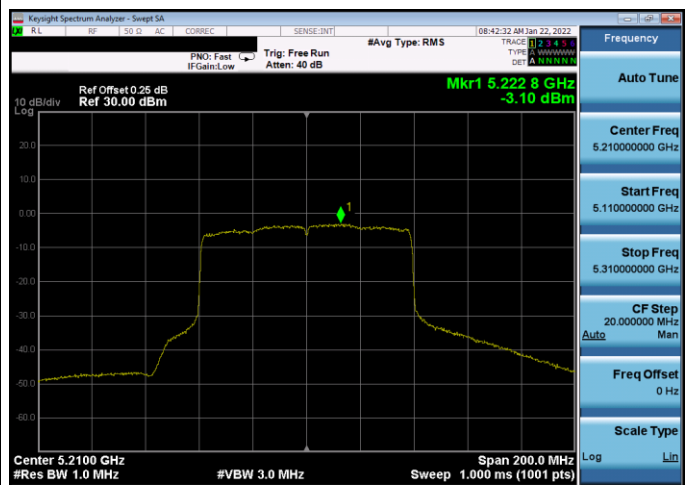
Plot 7-398. PSD Antenna 3A (20MHz BW 802.11ax(SU) - Ch. 40, MCS0)



Plot 7-401. PSD Antenna 3A (80MHz BW 802.11ac - Ch. 42, MCS0)

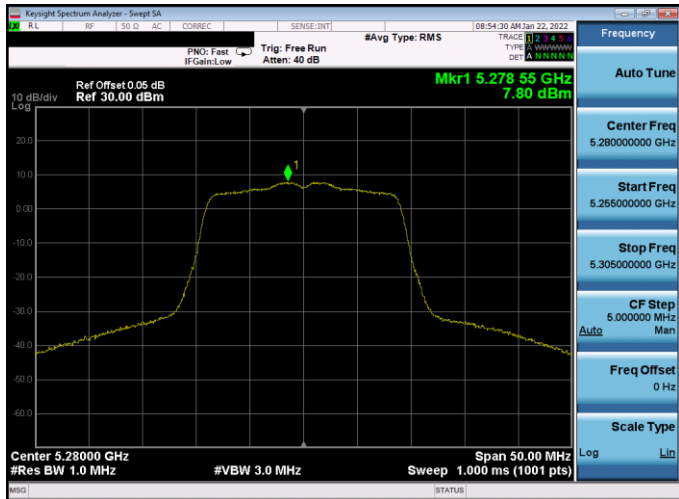


Plot 7-399. PSD Antenna 3A (40MHz BW 802.11n - Ch. 46, MCS0)

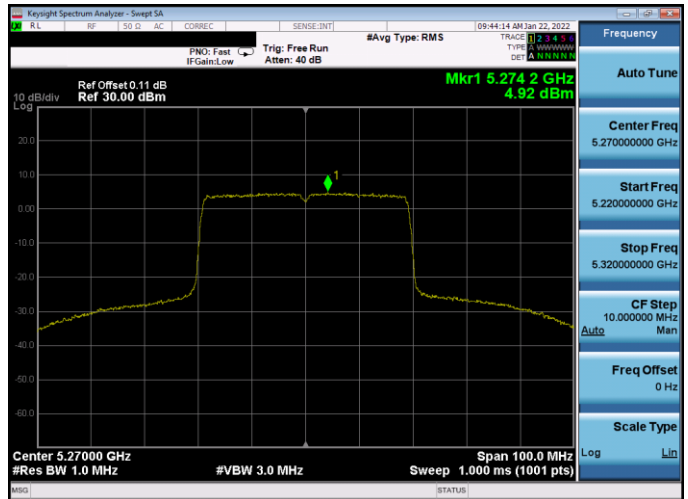


Plot 7-402. PSD Antenna 3A (80MHz BW 802.11ax(SU) - Ch. 42, MCS0)

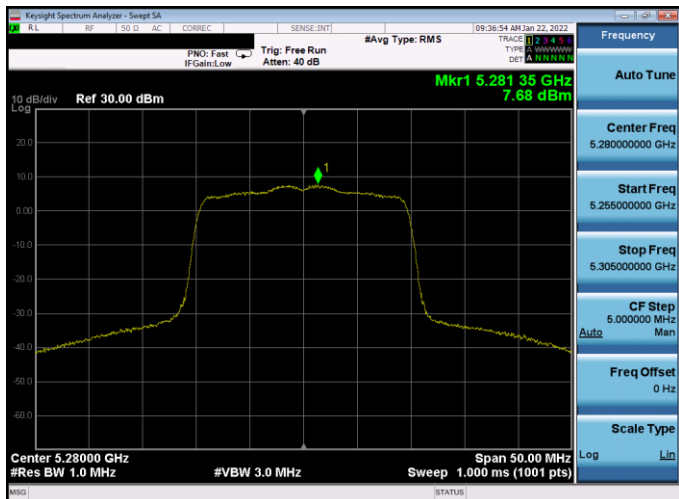
FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 168 of 564



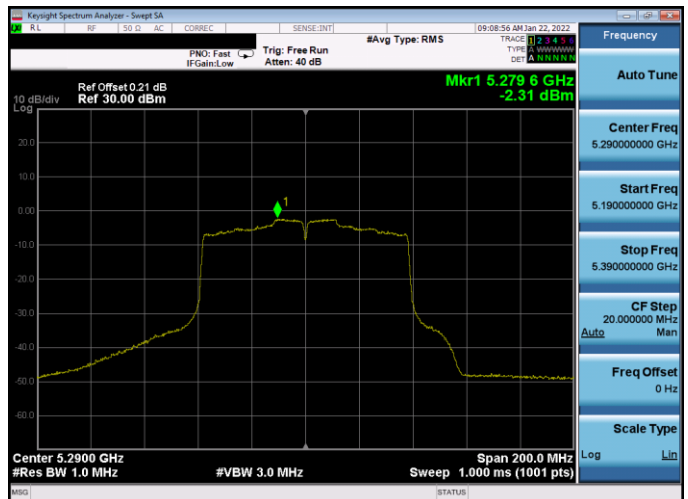
Plot 7-403. PSD Antenna 3A (20MHz BW 802.11n – Ch. 56, MCS0)



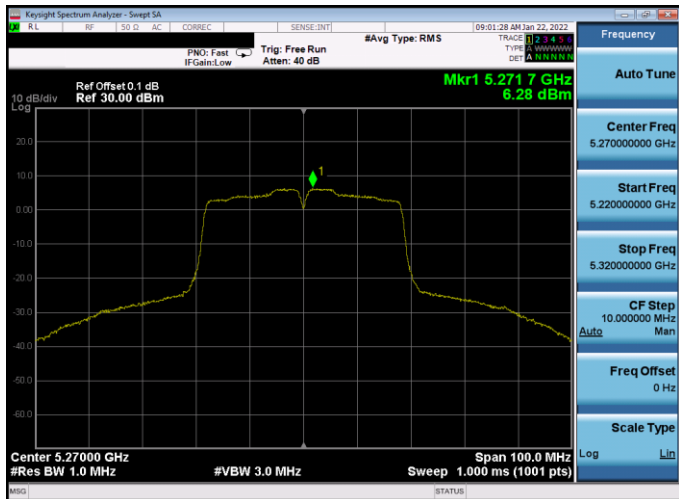
Plot 7-406. PSD Antenna 3A (40MHz BW 802.11ax(SU) – Ch. 54, MCS0)



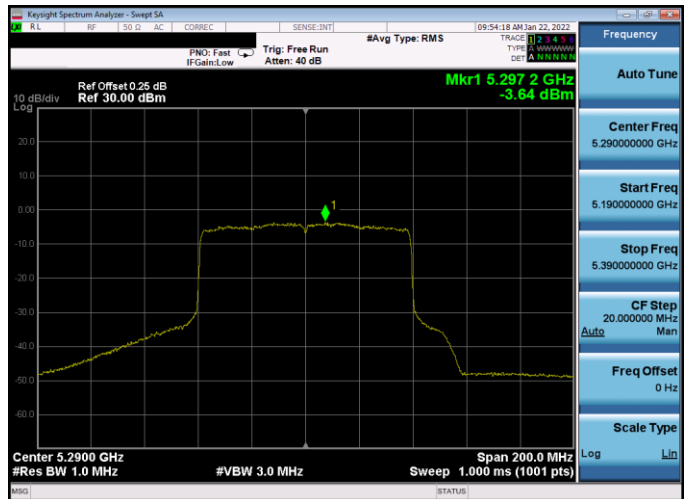
Plot 7-404. PSD Antenna 3A (20MHz BW 802.11ax(SU) – Ch. 56, MCS0)



Plot 7-407. PSD Antenna 3A (80MHz BW 802.11ac – Ch. 58, MCS0)

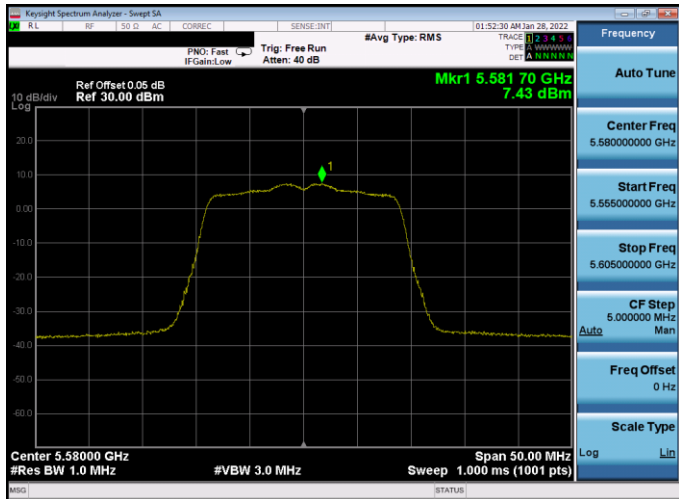


Plot 7-405. PSD Antenna 3A (40MHz BW 802.11n – Ch. 54, MCS0)

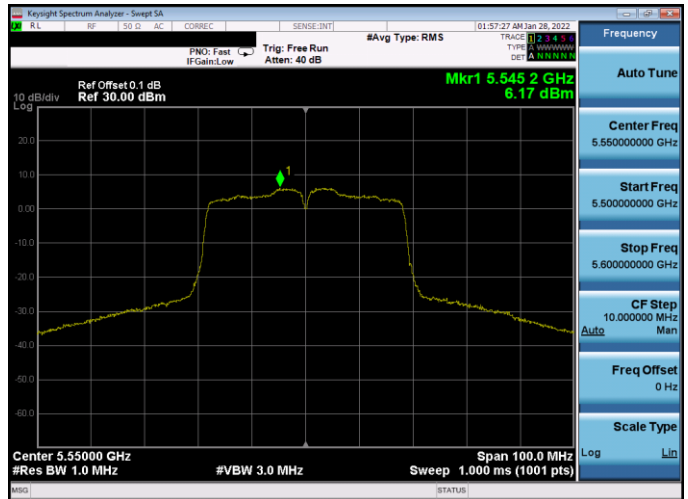


Plot 7-408. PSD Antenna 3A (80MHz BW 802.11ax(SU) – Ch. 58, MCS0)

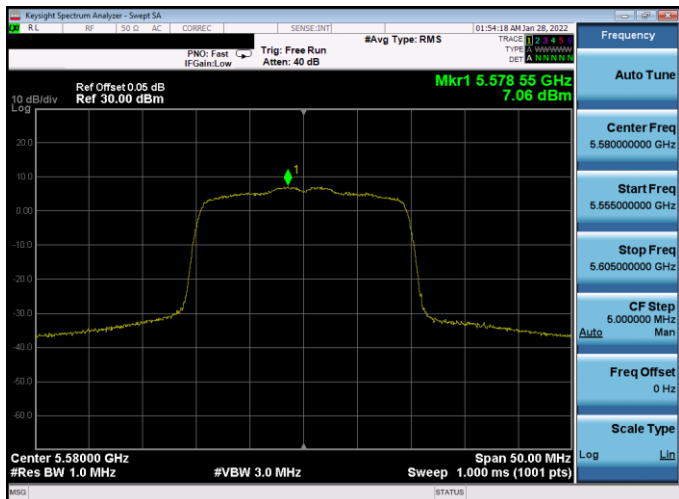
FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 169 of 564



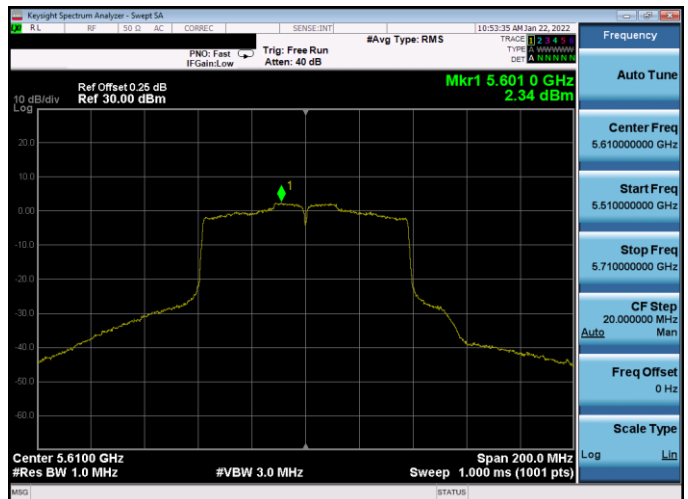
Plot 7-409. PSD Antenna 3A (20MHz BW 802.11n – Ch. 116, MCS0)



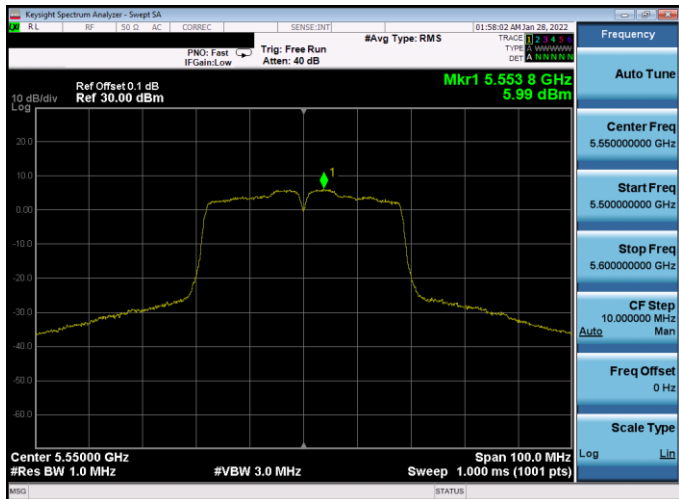
Plot 7-412. PSD Antenna 3A (40MHz BW 802.11ax(SU) – Ch. 110, MCS0)



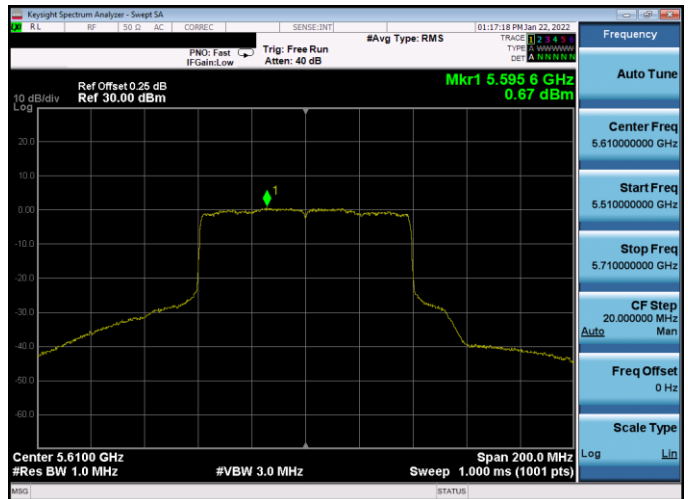
Plot 7-410. PSD Antenna 3A (20MHz BW 802.11ax(SU) – Ch. 116, MCS0)



Plot 7-413. PSD Antenna 3A (80MHz BW 802.11ac – Ch. 122, MCS0)



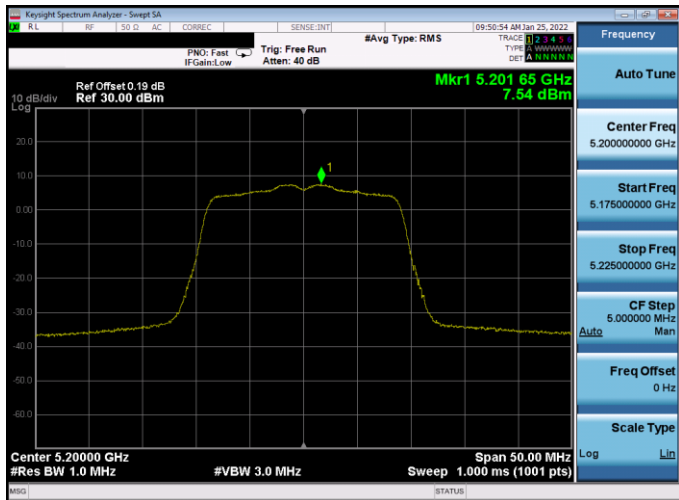
Plot 7-411. PSD Antenna 3A (40MHz BW 802.11n – Ch. 110, MCS0)



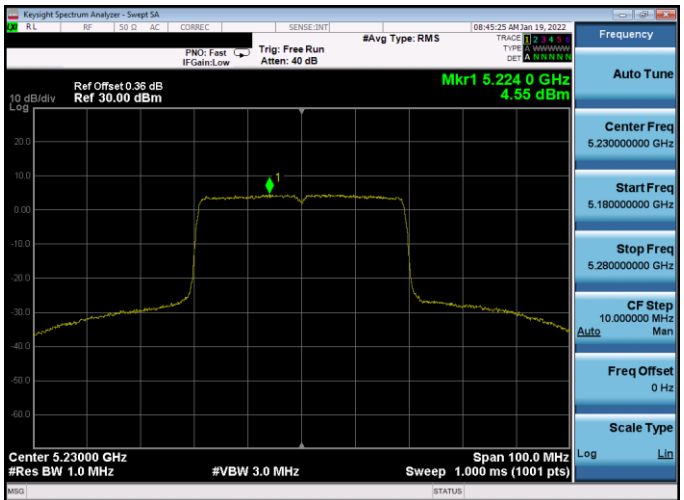
Plot 7-414. PSD Antenna 3A (80MHz BW 802.11ax(SU) – Ch. 122, MCS0)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 170 of 564

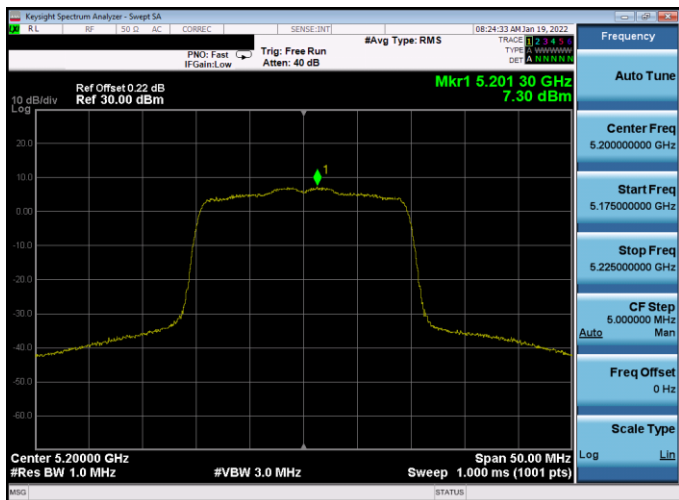
Mid Data Rate



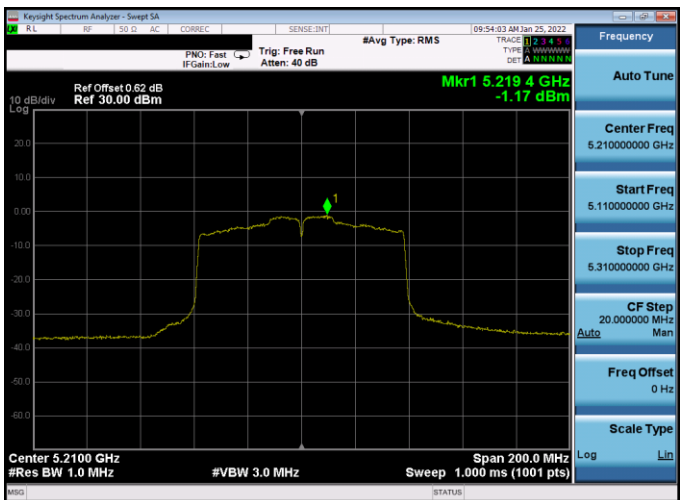
Plot 7-415. PSD Antenna 3A (20MHz BW 802.11n – Ch. 40, MCS3)



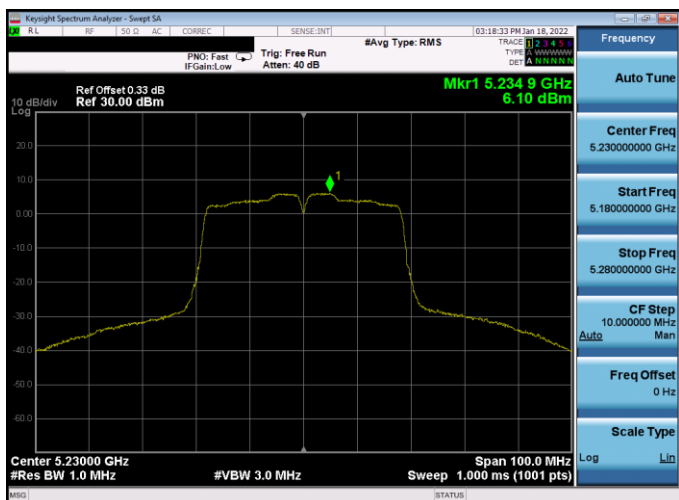
Plot 7-418. PSD Antenna 3A (40MHz BW 802.11ax(SU) – Ch. 46, MCS3)



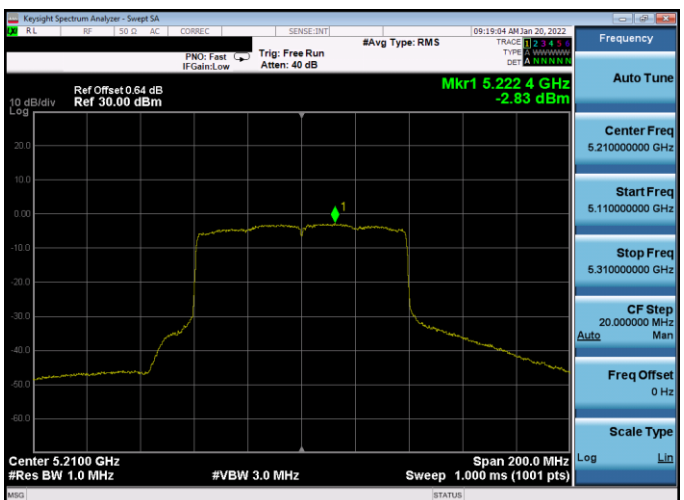
Plot 7-416. PSD Antenna 3A (20MHz BW 802.11ax(SU) – Ch. 40, MCS3)



Plot 7-419. PSD Antenna 3A (80MHz BW 802.11ac – Ch. 42, MCS3)

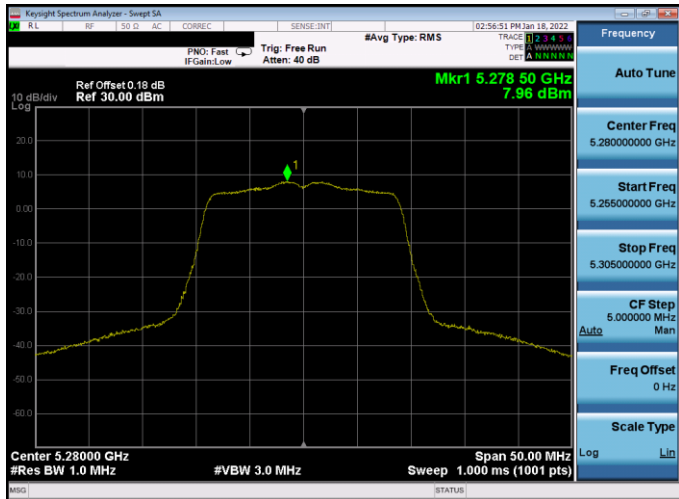


Plot 7-417. PSD Antenna 3A (40MHz BW 802.11n – Ch. 46, MCS3)

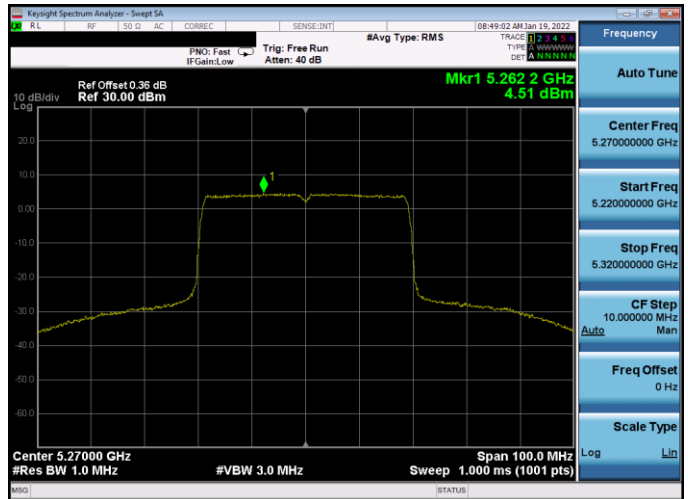


Plot 7-420. PSD Antenna 3A (80MHz BW 802.11ax(SU) – Ch. 42, MCS3)

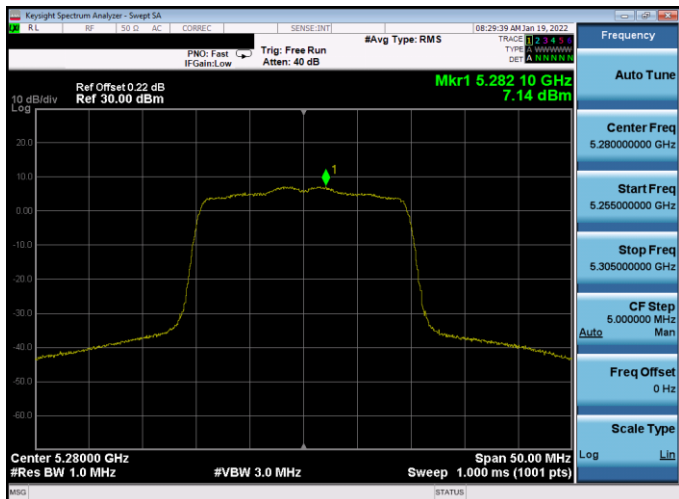
FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 171 of 564



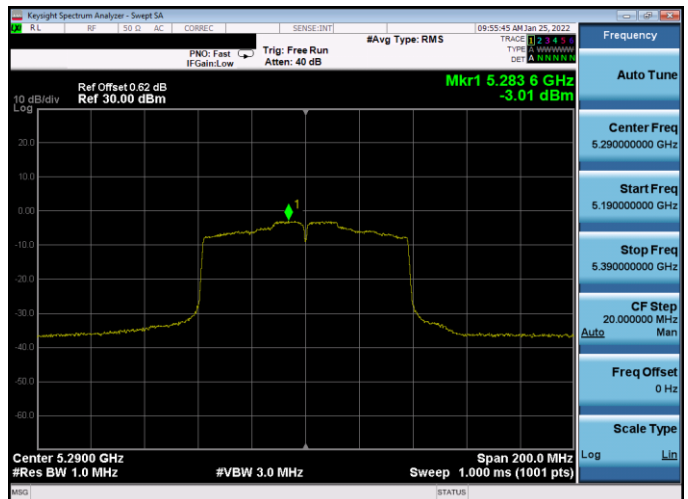
Plot 7-421. PSD Antenna 3A (20MHz BW 802.11n – Ch. 56, MCS3)



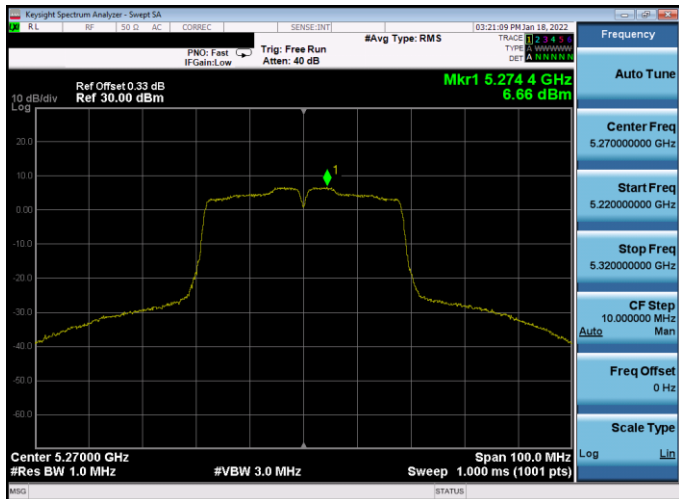
Plot 7-424. PSD Antenna 3A (40MHz BW 802.11ax(SU) – Ch. 54, MCS3)



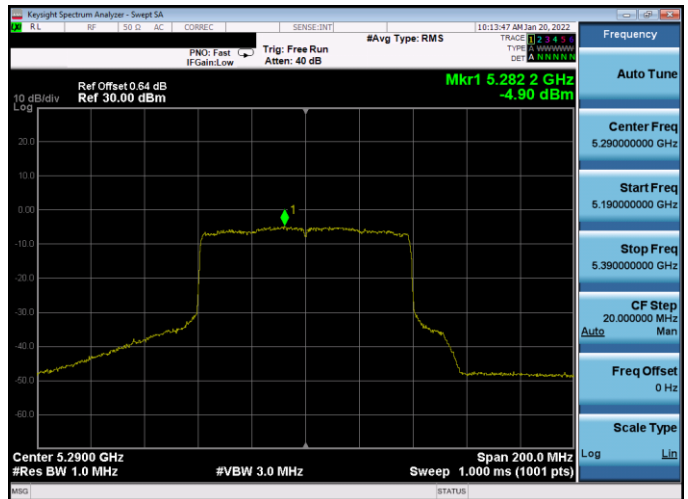
Plot 7-422. PSD Antenna 3A (20MHz BW 802.11ax(SU) – Ch. 56, MCS3)



Plot 7-425. PSD Antenna 3A (80MHz BW 802.11ac – Ch. 58, MCS3)



Plot 7-423. PSD Antenna 3A (40MHz BW 802.11n – Ch. 54, MCS3)



Plot 7-426. PSD Antenna 3A (80MHz BW 802.11ax(SU) – Ch. 58, MCS3)

FCC ID: BCGA2589 IC: 579C-A2589	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 172 of 564