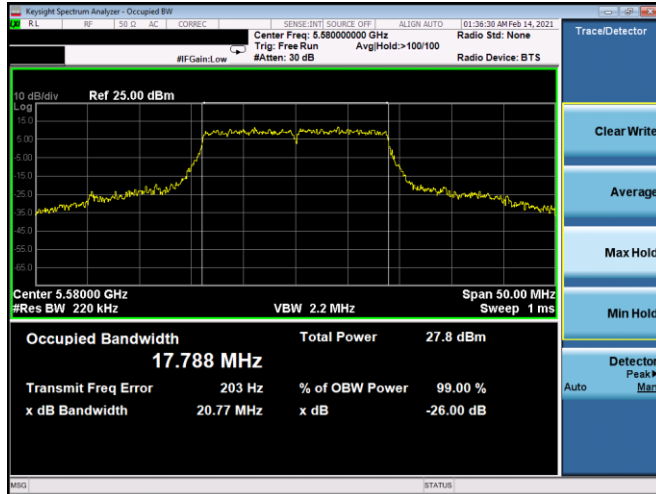
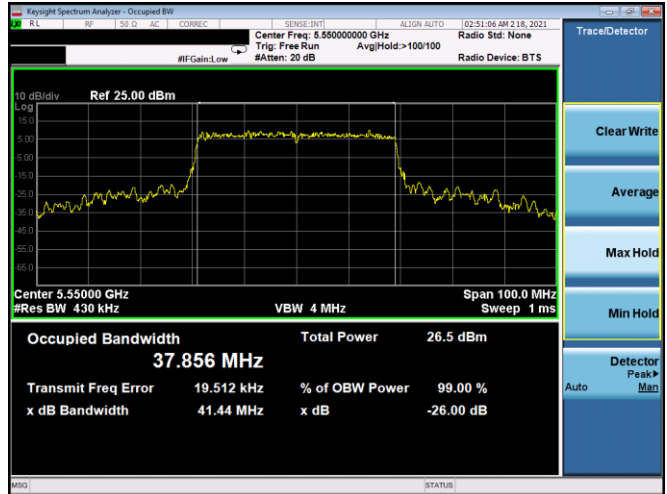
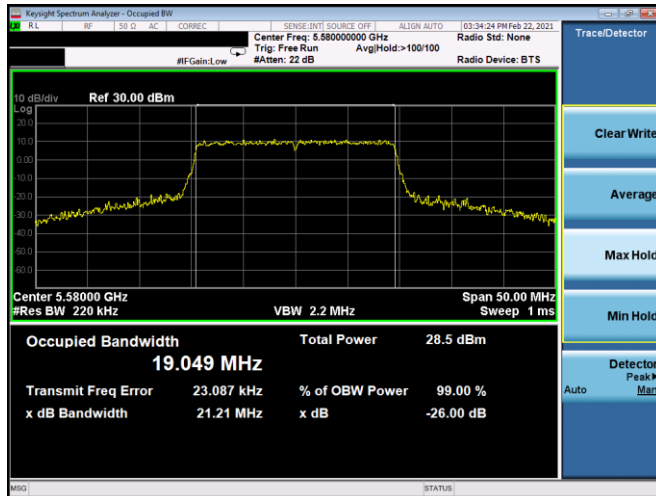




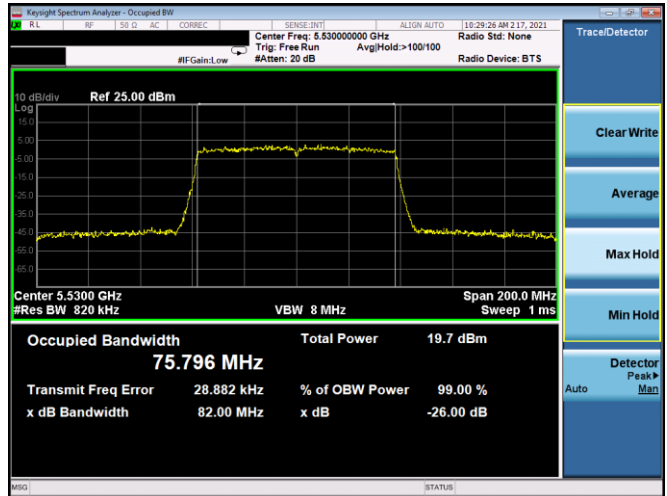
Plot 7-49. 26dB BW & 99% OBW Antenna 5T (20MHz BW 802.11n – Ch. 116, MCS5)



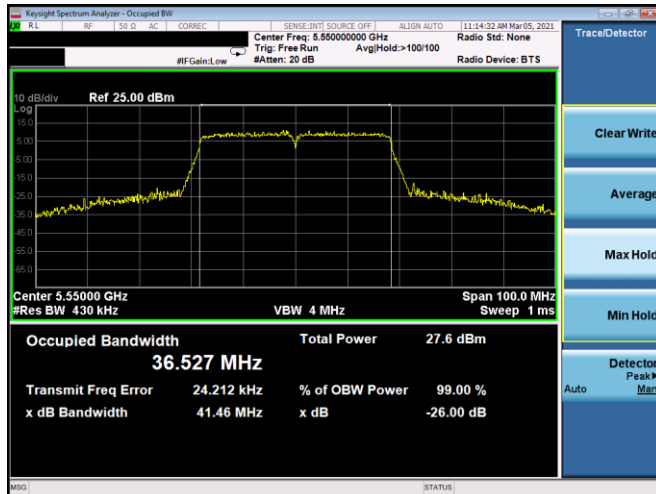
Plot 7-52. 26dB BW & 99% OBW Antenna 5T (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



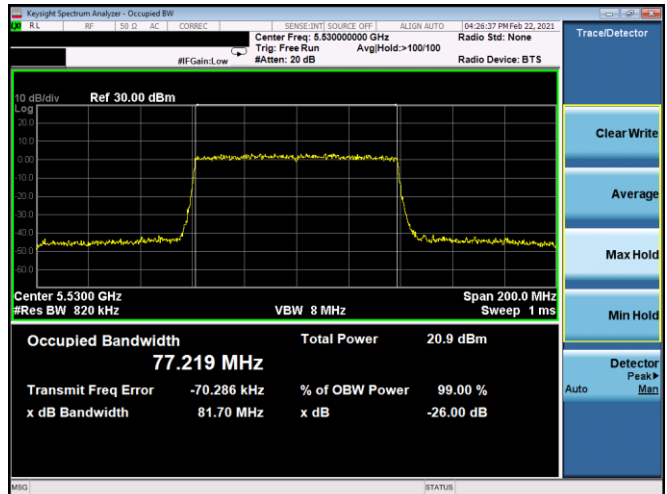
Plot 7-50. 26dB BW & 99% OBW Antenna 5T (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



Plot 7-53. 26dB BW & 99% OBW Antenna 5T (80MHz BW 802.11ac – Ch. 106, MCS5)



Plot 7-51. 26dB BW & 99% OBW Antenna 5T (40MHz BW 802.11n – Ch. 110), MCS5)



Plot 7-54. 26dB BW & 99% OBW Antenna 5T (80MHz BW 802.11ax(SU) – Ch. 106, MCS11)

FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 30 of 349

Antenna 5B 26dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	n (20MHz)	6.5/7.2 (MCS0)	18.00	21.93
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	17.77	21.19
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	17.82	21.14
	5180	36	ax-SU (20MHz)	8/8.6 (MCS0)	19.09	21.72
	5200	40	ax-SU (20MHz)	8/8.6 (MCS0)	19.04	21.14
	5240	48	ax-SU (20MHz)	8/8.6 (MCS0)	19.12	21.37
	5190	38	n (40MHz)	13.5/15 (MCS0)	36.53	41.46
	5230	46	n (40MHz)	13.5/15 (MCS0)	36.41	41.43
	5190	38	ax-SU (40MHz)	16/17.2 (MCS0)	38.02	43.55
	5230	46	ax-SU (40MHz)	16/17.2 (MCS0)	37.95	41.12
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	75.38	82.86
	5210	42	ax-SU (80MHz)	34/36 (MCS0)	77.20	81.99
Band 2A	5260	52	n (20MHz)	6.5/7.2 (MCS0)	17.81	21.05
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	17.80	21.04
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	17.93	22.18
	5260	52	ax-SU (20MHz)	8/8.6 (MCS0)	19.08	21.36
	5280	56	ax-SU (20MHz)	8/8.6 (MCS0)	19.05	21.14
	5320	64	ax-SU (20MHz)	8/8.6 (MCS0)	19.12	25.82
	5270	54	n (40MHz)	13.5/15 (MCS0)	36.59	41.88
	5310	62	n (40MHz)	13.5/15 (MCS0)	36.48	41.24
	5270	54	ax-SU (40MHz)	16/17.2 (MCS0)	38.00	41.43
	5310	62	ax-SU (40MHz)	16/17.2 (MCS0)	38.06	42.54
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	75.47	82.67
	5290	58	ax-SU (80MHz)	34/36 (MCS0)	77.20	81.38
Band 2C	5500	100	n (20MHz)	6.5/7.2 (MCS0)	17.92	22.17
	5580	116	n (20MHz)	6.5/7.2 (MCS0)	17.81	21.01
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	17.73	20.86
	5500	100	ax-SU (20MHz)	8/8.6 (MCS0)	19.07	21.82
	5580	116	ax-SU (20MHz)	8/8.6 (MCS0)	19.07	21.27
	5720	144	ax-SU (20MHz)	8/8.6 (MCS0)	19.04	21.17
	5510	102	n (40MHz)	13.5/15 (MCS0)	38.01	52.01
	5550	110	n (40MHz)	13.5/15 (MCS0)	36.40	41.39
	5710	142	n (40MHz)	13.5/15 (MCS0)	36.51	41.33
	5510	102	ax-SU (40MHz)	16/17.2 (MCS0)	38.02	42.41
	5550	110	ax-SU (40MHz)	16/17.2 (MCS0)	38.03	41.57
	5710	142	ax-SU (40MHz)	16/17.2 (MCS0)	37.97	41.80
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	75.58	82.49
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	75.43	81.23
	5530	106	ax-SU (80MHz)	34/36 (MCS0)	77.22	81.62
	5690	138	ax-SU (80MHz)	34/36 (MCS0)	77.22	81.98

Table 7-5. Conducted Bandwidth Measurements Antenna 5B (Low Data Rate)

FCC ID: BCGA2378 IC: 579C-A2378	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 31 of 349

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	n (20MHz)	26/28.9 (MCS3)	17.72	20.73
	5200	40	n (20MHz)	26/28.9 (MCS3)	17.66	20.69
	5240	48	n (20MHz)	26/28.9 (MCS3)	17.72	20.67
	5180	36	ax-SU (20MHz)	33/34.4 (MCS3)	19.09	21.67
	5200	40	ax-SU (20MHz)	33/34.4 (MCS3)	19.06	21.36
	5240	48	ax-SU (20MHz)	33/34.4 (MCS3)	19.06	21.40
	5190	38	n (40MHz)	54/60 (MCS3)	36.30	41.24
	5230	46	n (40MHz)	54/60 (MCS3)	36.28	41.22
	5190	38	ax-SU (40MHz)	65/68.8 (MCS3)	38.01	53.06
	5230	46	ax-SU (40MHz)	65/68.8 (MCS3)	37.93	41.36
	5210	42	ac (80MHz)	117/130 (MCS3)	75.44	80.68
	5210	42	ax-SU (80MHz)	136/144.1 (MCS3)	77.01	81.26
Band 2A	5260	52	n (20MHz)	26/28.9 (MCS3)	17.72	20.78
	5280	56	n (20MHz)	26/28.9 (MCS3)	17.69	20.69
	5320	64	n (20MHz)	26/28.9 (MCS3)	17.78	20.98
	5260	52	ax-SU (20MHz)	33/34.4 (MCS3)	19.06	21.40
	5280	56	ax-SU (20MHz)	33/34.4 (MCS3)	19.03	21.16
	5320	64	ax-SU (20MHz)	33/34.4 (MCS3)	19.08	23.47
	5270	54	n (40MHz)	54/60 (MCS3)	36.32	40.81
	5310	62	n (40MHz)	54/60 (MCS3)	36.33	40.93
	5270	54	ax-SU (40MHz)	65/68.8 (MCS3)	37.93	41.69
	5310	62	ax-SU (40MHz)	65/68.8 (MCS3)	37.98	52.79
	5290	58	ac (80MHz)	117/130 (MCS3)	75.43	80.62
	5290	58	ax-SU (80MHz)	136/144.1 (MCS3)	77.01	81.73
Band 2C	5500	100	n (20MHz)	26/28.9 (MCS3)	17.77	21.39
	5580	116	n (20MHz)	26/28.9 (MCS3)	17.72	20.84
	5720	144	n (20MHz)	26/28.9 (MCS3)	17.74	20.62
	5500	100	ax-SU (20MHz)	33/34.4 (MCS3)	19.07	21.47
	5580	116	ax-SU (20MHz)	33/34.4 (MCS3)	19.06	21.44
	5720	144	ax-SU (20MHz)	33/34.4 (MCS3)	19.05	21.37
	5510	102	n (40MHz)	54/60 (MCS3)	36.40	41.30
	5550	110	n (40MHz)	54/60 (MCS3)	36.20	40.73
	5710	142	n (40MHz)	54/60 (MCS3)	36.38	41.28
	5510	102	ax-SU (40MHz)	65/68.8 (MCS3)	38.01	51.93
	5550	110	ax-SU (40MHz)	65/68.8 (MCS3)	37.92	41.24
	5710	142	ax-SU (40MHz)	65/68.8 (MCS3)	37.95	41.64
	5530	106	ac (80MHz)	117/130 (MCS3)	75.56	81.31
	5690	138	ac (80MHz)	117/130 (MCS3)	75.46	80.37
	5530	106	ax-SU (80MHz)	136/144.1 (MCS3)	77.41	81.72
	5690	138	ax-SU (80MHz)	136/144.1 (MCS3)	77.22	81.39

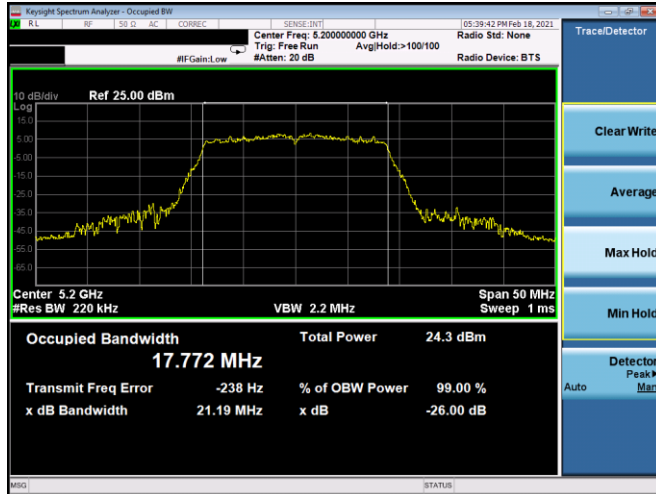
Table 7-6. Conducted Bandwidth Measurements Antenna 5B (Mid Data Rate)

FCC ID: BCGA2378 IC: 579C-A2378	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 32 of 349

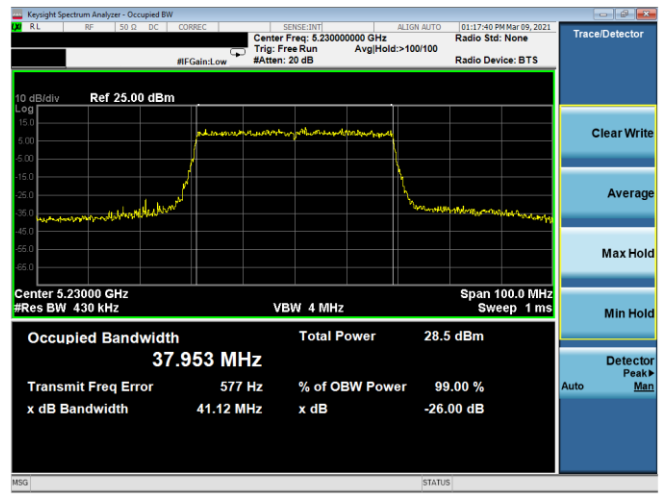
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	n (20MHz)	52/57.8 (MCS5)	17.82	21.04
	5200	40	n (20MHz)	52/57.8 (MCS5)	17.88	21.30
	5240	48	n (20MHz)	52/57.8 (MCS5)	17.83	21.12
	5180	36	ax-SU (20MHz)	135/143.4 (MCS11)	19.04	21.34
	5200	40	ax-SU (20MHz)	135/143.4 (MCS11)	19.05	21.23
	5240	48	ax-SU (20MHz)	135/143.4 (MCS11)	19.07	21.18
	5190	38	n (40MHz)	108/120 (MCS5)	36.48	41.29
	5230	46	n (40MHz)	108/120 (MCS5)	36.48	41.28
	5190	38	ax-SU (40MHz)	271/286.8 (MCS11)	37.80	41.21
	5230	46	ax-SU (40MHz)	271/286.8 (MCS11)	37.92	41.28
	5210	42	ac (80MHz)	234/260 (MCS5)	75.82	81.48
	5210	42	ax-SU (80MHz)	567/600.5 (MCS11)	77.16	81.79
Band 2A	5260	52	n (20MHz)	52/57.8 (MCS5)	17.83	21.11
	5280	56	n (20MHz)	52/57.8 (MCS5)	17.69	20.69
	5320	64	n (20MHz)	52/57.8 (MCS5)	17.78	21.03
	5260	52	ax-SU (20MHz)	135/143.4 (MCS11)	19.09	21.38
	5280	56	ax-SU (20MHz)	135/143.4 (MCS11)	19.04	21.28
	5320	64	ax-SU (20MHz)	135/143.4 (MCS11)	19.03	21.15
	5270	54	n (40MHz)	108/120 (MCS5)	36.53	42.04
	5310	62	n (40MHz)	108/120 (MCS5)	36.43	41.25
	5270	54	ax-SU (40MHz)	271/286.8 (MCS11)	37.88	41.88
	5310	62	ax-SU (40MHz)	271/286.8 (MCS11)	37.83	41.58
	5290	58	ac (80MHz)	234/260 (MCS5)	75.71	81.23
	5290	58	ax-SU (80MHz)	567/600.5 (MCS11)	77.15	81.29
Band 2C	5500	100	n (20MHz)	52/57.8 (MCS5)	17.83	21.20
	5580	116	n (20MHz)	52/57.8 (MCS5)	17.85	20.85
	5720	144	n (20MHz)	52/57.8 (MCS5)	17.81	21.57
	5500	100	ax-SU (20MHz)	135/143.4 (MCS11)	19.06	21.12
	5580	116	ax-SU (20MHz)	135/143.4 (MCS11)	19.11	21.39
	5720	144	ax-SU (20MHz)	135/143.4 (MCS11)	19.03	21.15
	5510	102	n (40MHz)	108/120 (MCS5)	36.54	41.37
	5550	110	n (40MHz)	108/120 (MCS5)	36.57	41.44
	5710	142	n (40MHz)	108/120 (MCS5)	36.65	42.85
	5510	102	ax-SU (40MHz)	271/286.8 (MCS11)	37.90	41.10
	5550	110	ax-SU (40MHz)	271/286.8 (MCS11)	37.86	41.41
	5710	142	ax-SU (40MHz)	271/286.8 (MCS11)	38.10	52.19
	5530	106	ac (80MHz)	234/260 (MCS5)	75.91	81.65
	5690	138	ac (80MHz)	234/260 (MCS5)	75.88	81.76
	5530	106	ax-SU (80MHz)	567/600.5 (MCS11)	77.12	81.76
	5690	138	ax-SU (80MHz)	567/600.5 (MCS11)	77.28	81.66

Table 7-7. Conducted Bandwidth Measurements Antenna 5B (High Data Rate)

FCC ID: BCGA2378 IC: 579C-A2378	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 33 of 349



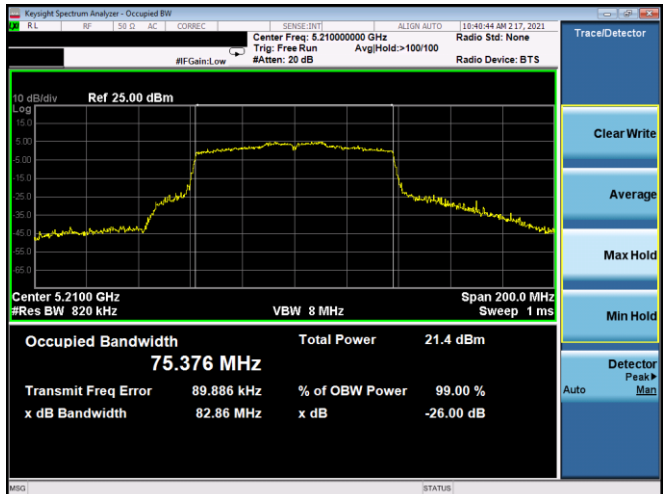
Plot 7-55. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11n – Ch. 40, MCS0)



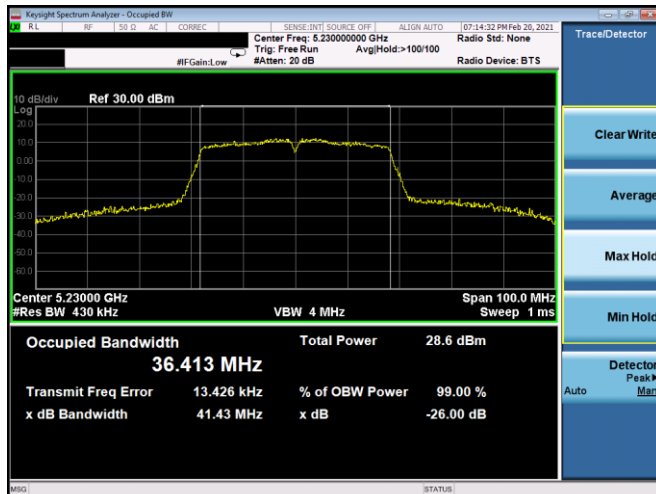
Plot 7-58. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 46, MCS0)



Plot 7-56. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 40, MCS0)



Plot 7-59. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ac – Ch. 42, MCS0)

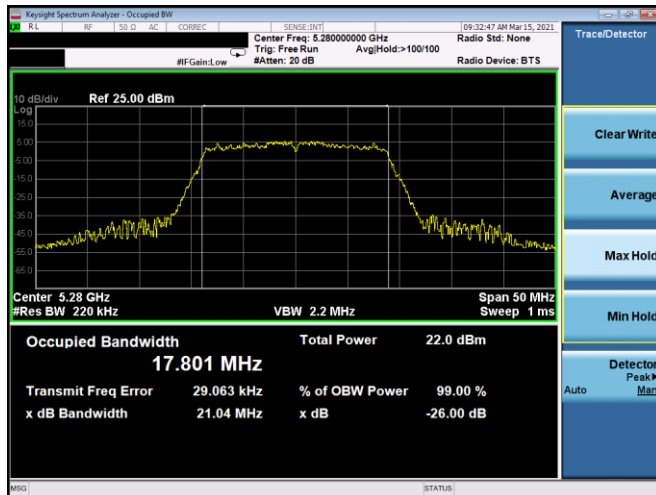


Plot 7-57. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11n – Ch. 46, MCS0)

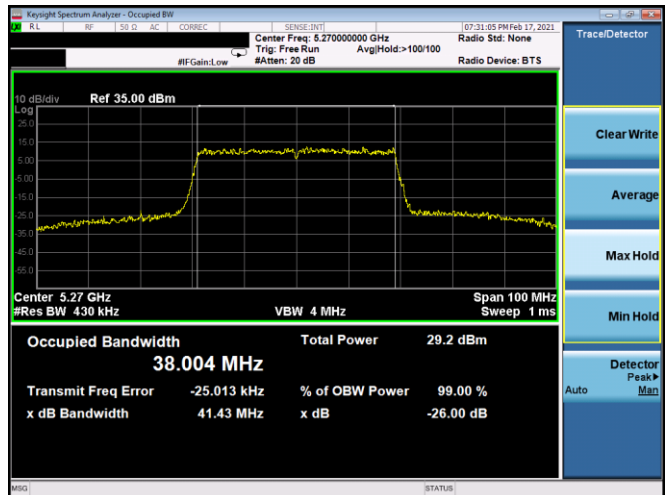


Plot 7-60. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 42, MCS0)

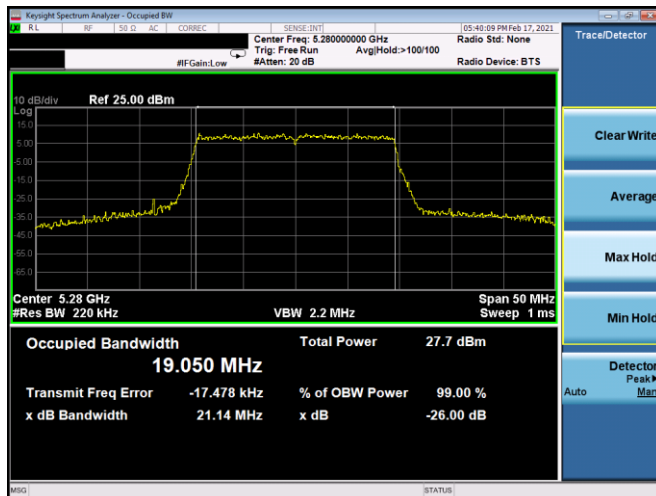
FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 34 of 349



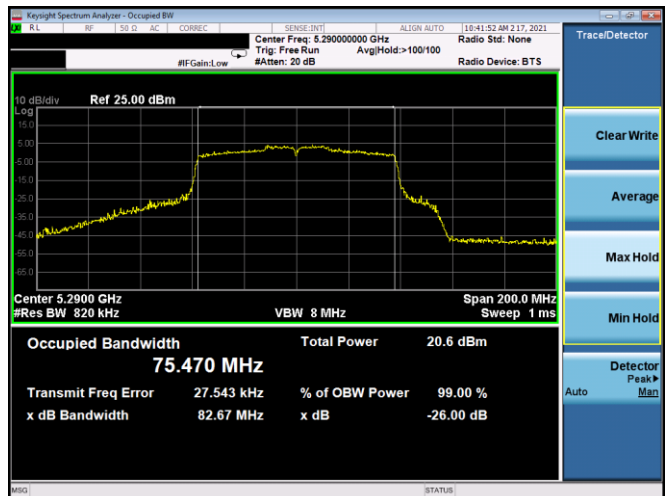
Plot 7-61. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11n – Ch. 56, MCS0)



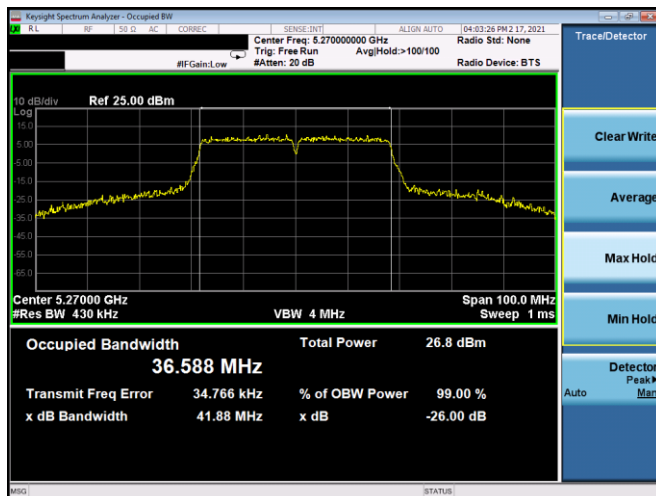
Plot 7-64. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 54, MCS0)



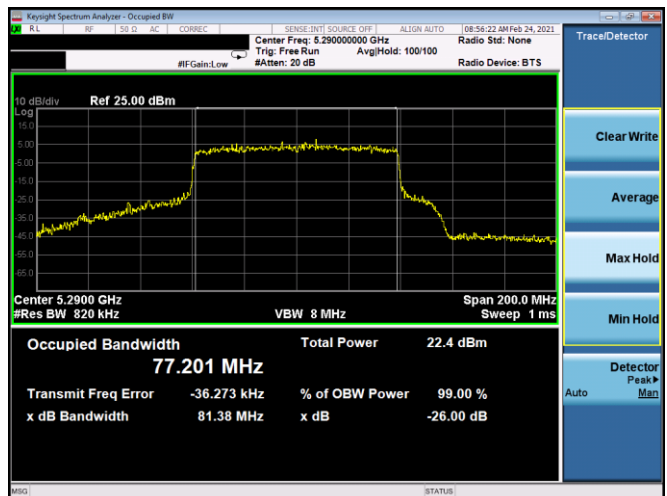
Plot 7-62. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 56, MCS0)



Plot 7-65. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ac – Ch. 58, MCS0)

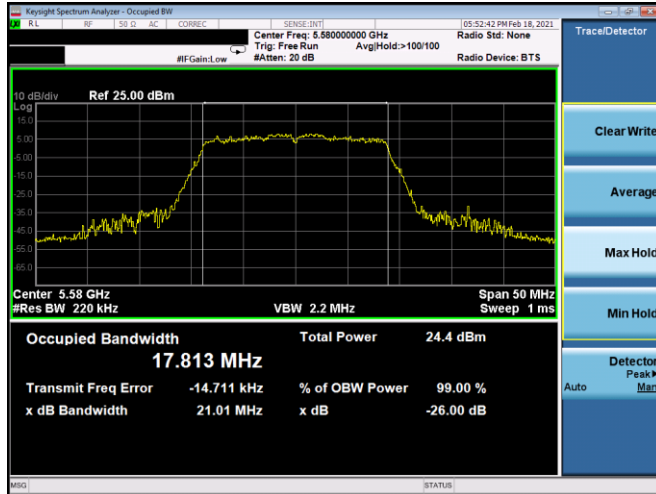


Plot 7-63. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11n – Ch. 54, MCS0)

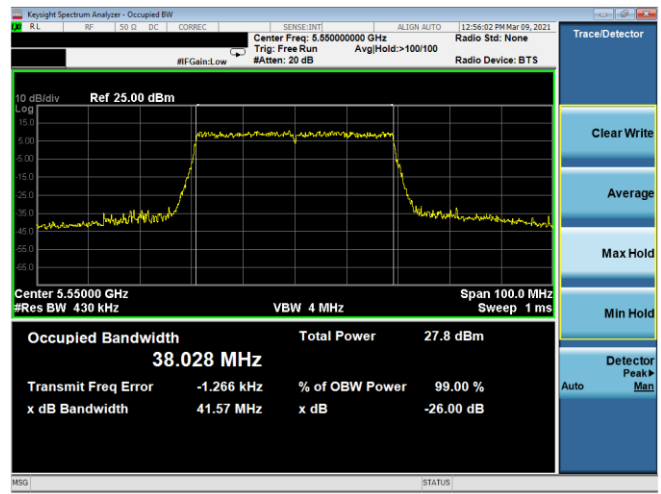


Plot 7-66. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 58, MCS0)

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 35 of 349



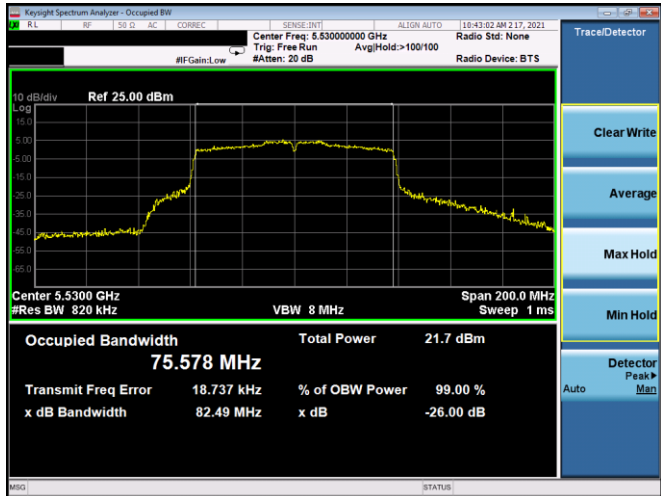
Plot 7-67. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11n – Ch. 116, MCS0)



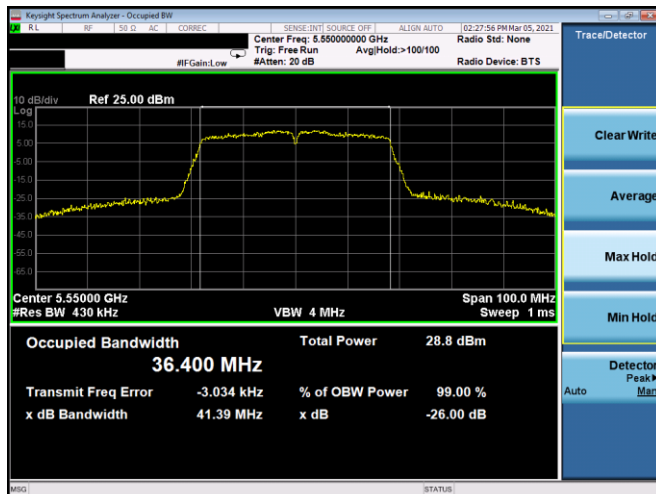
Plot 7-70. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 110) , MCS0



Plot 7-68. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 116, MCS0)



Plot 7-71. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 106, MCS0)



Plot 7-69. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11n – Ch. 110), MCS0)

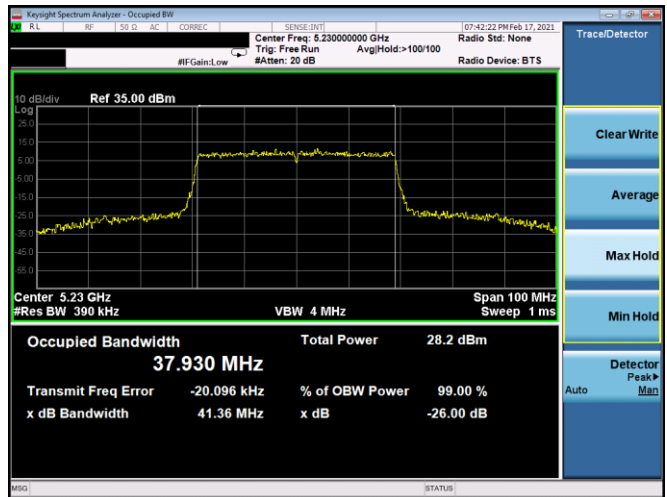


Plot 7-72. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 106, MCS0)

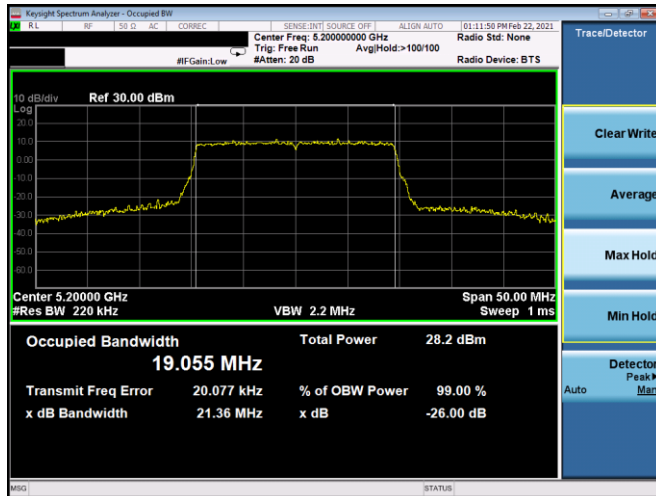
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 36 of 349



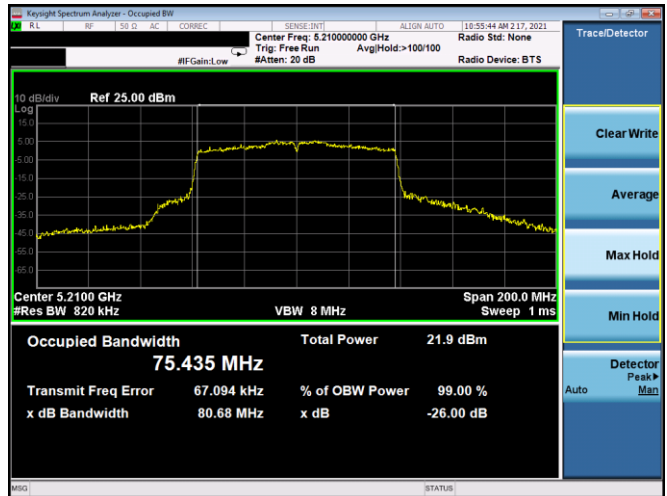
Plot 7-73. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11n – Ch. 40, MCS3)



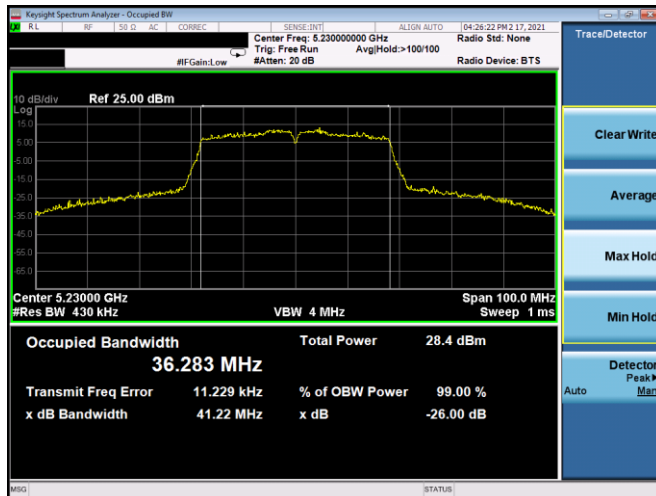
Plot 7-76. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 46, MCS3)



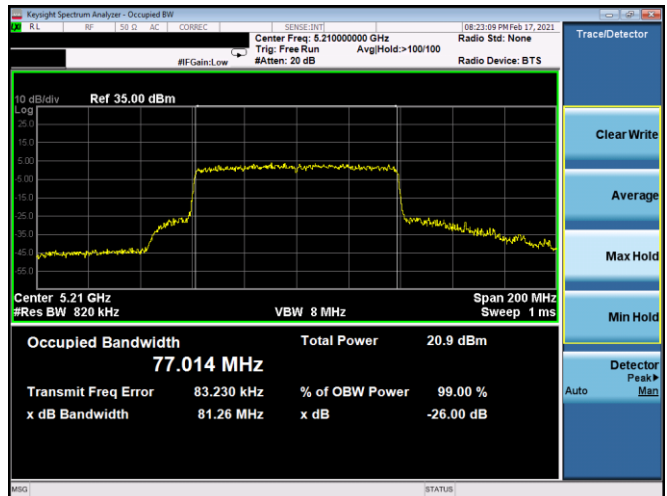
Plot 7-74. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 40, MCS3)



Plot 7-77. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ac – Ch. 42, MCS3)



Plot 7-75. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11n – Ch. 46, MCS3)

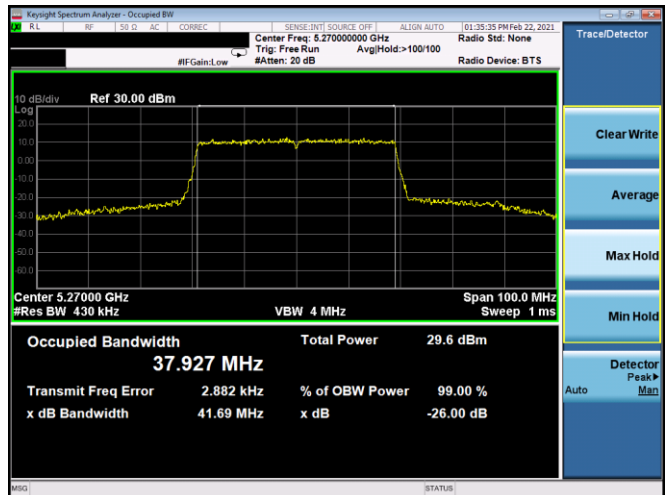


Plot 7-78. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 42, MCS3)

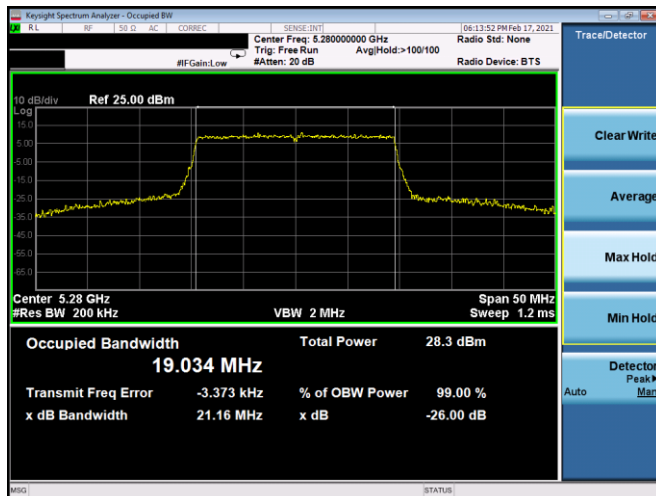
FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 37 of 349



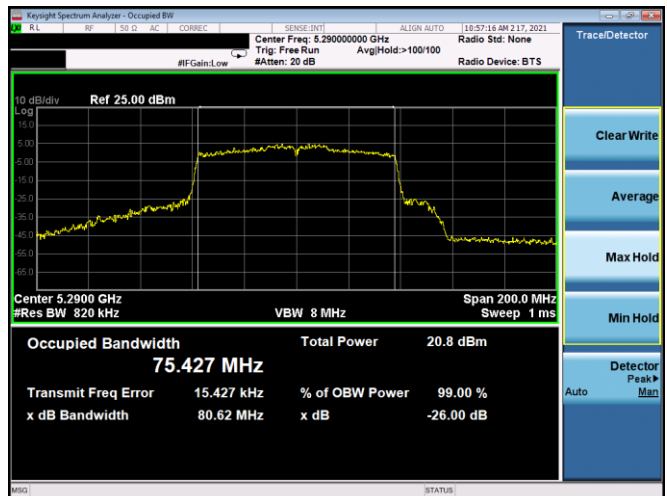
Plot 7-79. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11n – Ch. 56, MCS3)



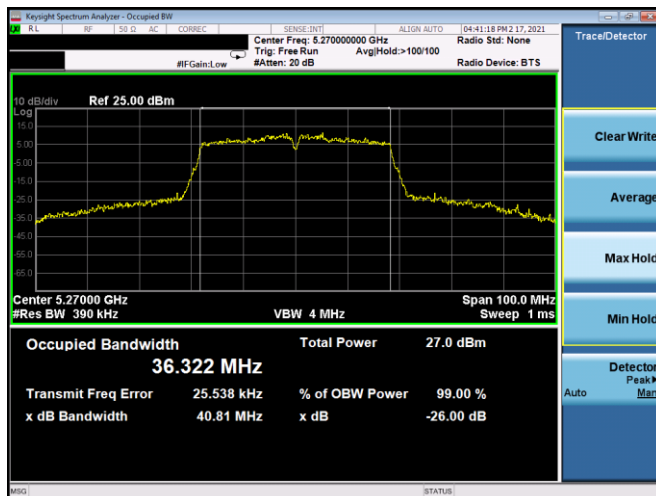
Plot 7-82. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 54, MCS3)



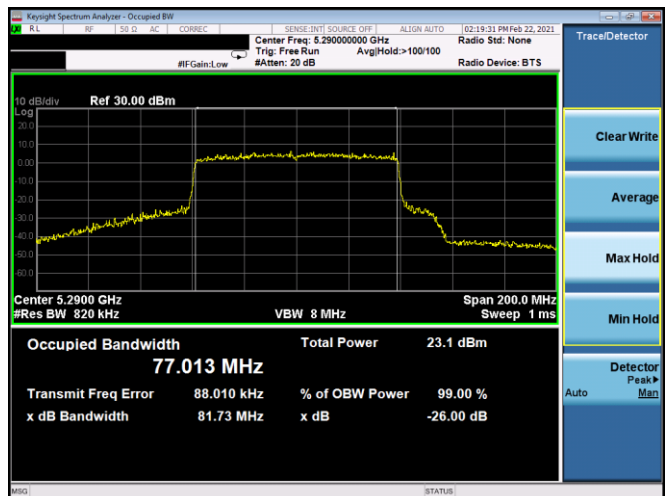
Plot 7-80. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 56, MCS3)



Plot 7-83. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ac – Ch. 58, MCS3)

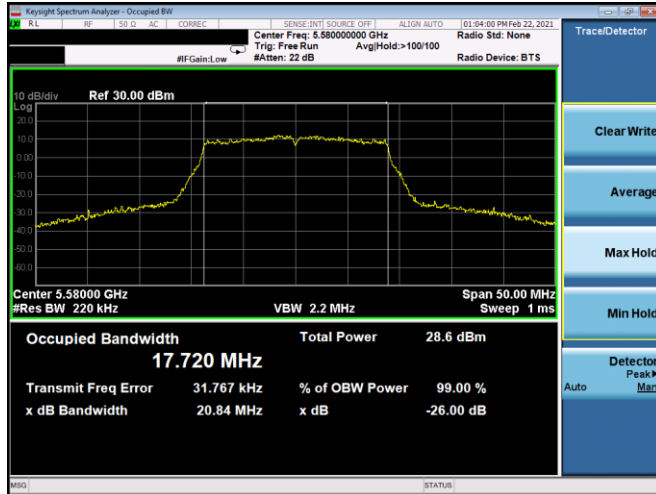


Plot 7-81. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11n – Ch. 54, MCS3)

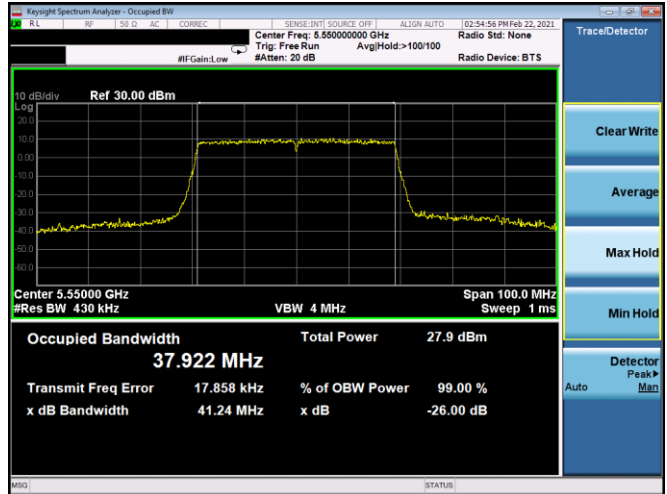


Plot 7-84. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 58, MCS3)

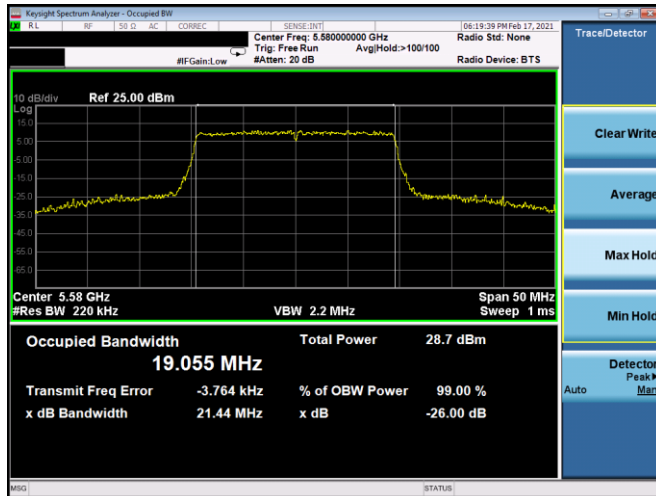
FCC ID: BCGA2378 IC: 579C-A2378		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 38 of 349



Plot 7-85. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11n – Ch. 116, MCS3)



Plot 7-88. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 110, MCS3)



Plot 7-86. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 116, MCS3)



Plot 7-89. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ac – Ch. 106, MCS3)

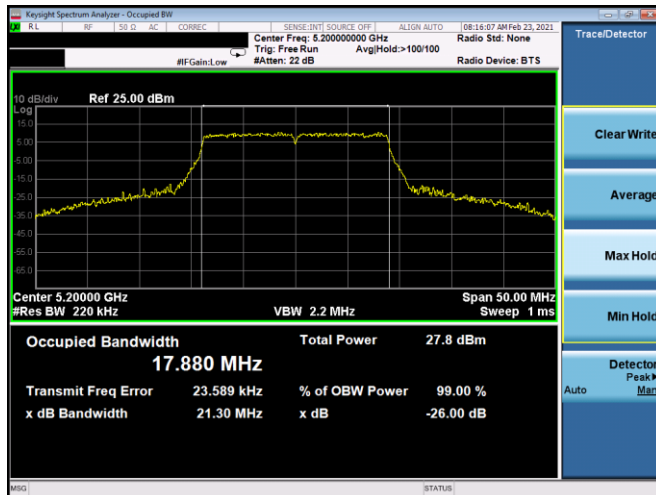


Plot 7-87. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11n – Ch. 110, MCS3)

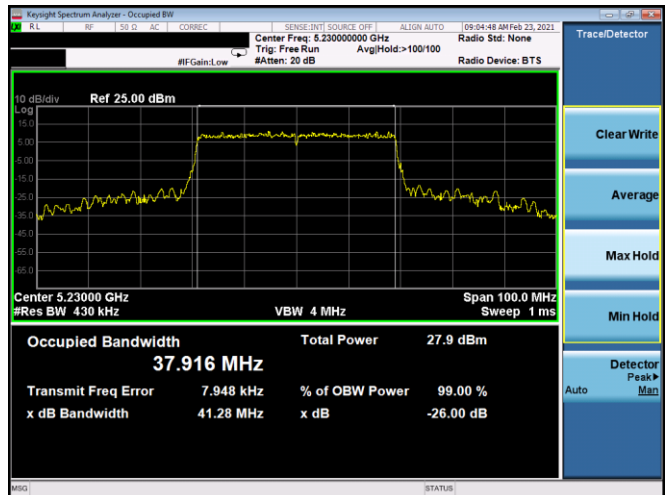


Plot 7-90. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 106, MCS3)

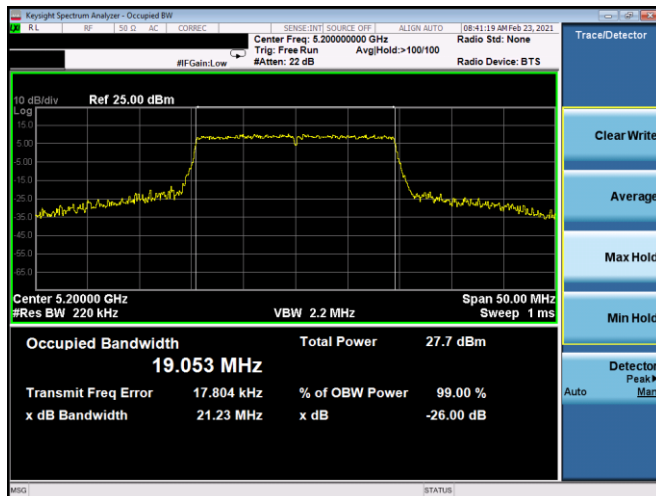
FCC ID: BCGA2378 IC: 579C-A2378			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device		Page 39 of 349



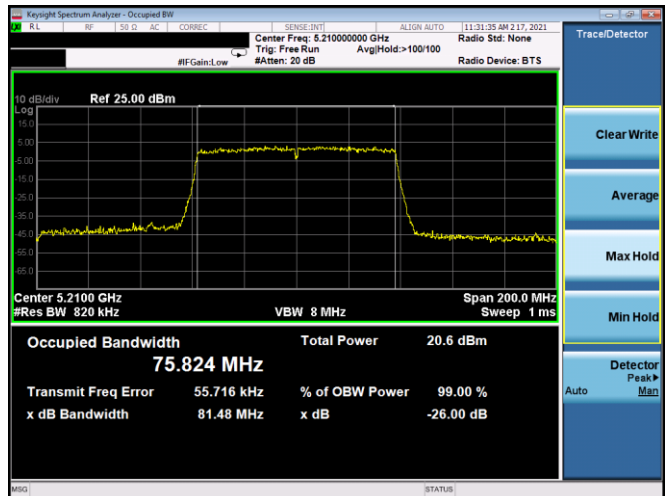
Plot 7-91. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11n – Ch. 40, MCS5)



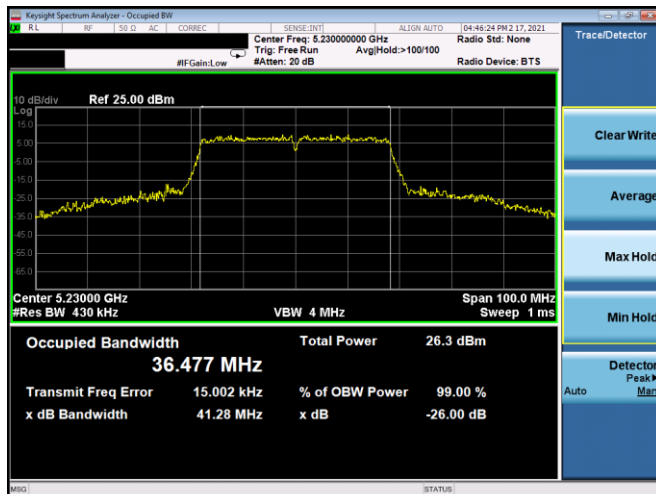
Plot 7-94. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



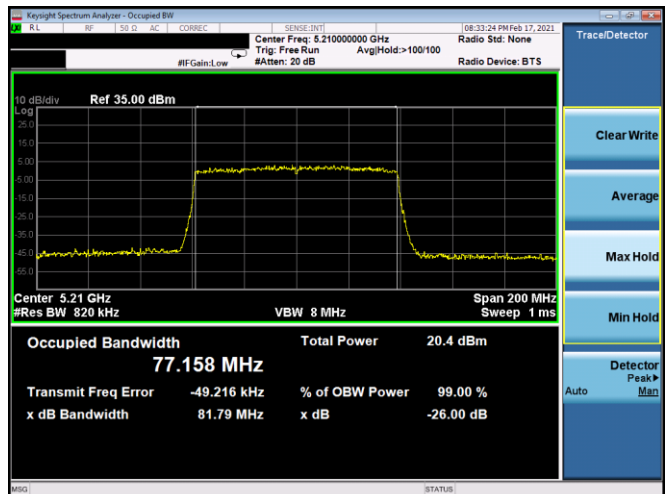
Plot 7-92. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



Plot 7-95. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ac – Ch. 42, MCS5)



Plot 7-93. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11n – Ch. 46, MCS5)

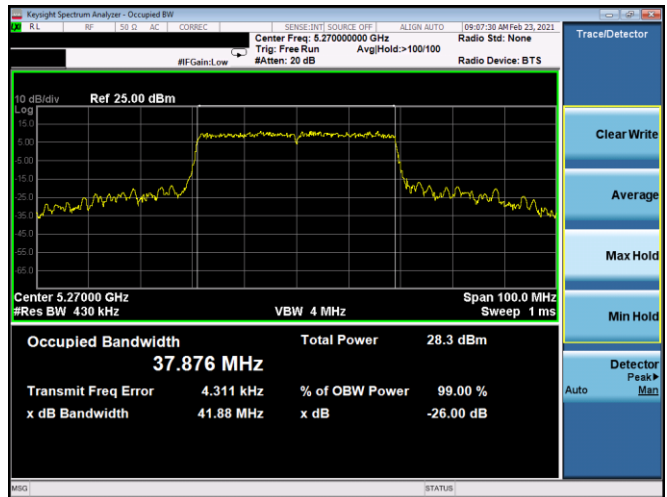


Plot 7-96. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

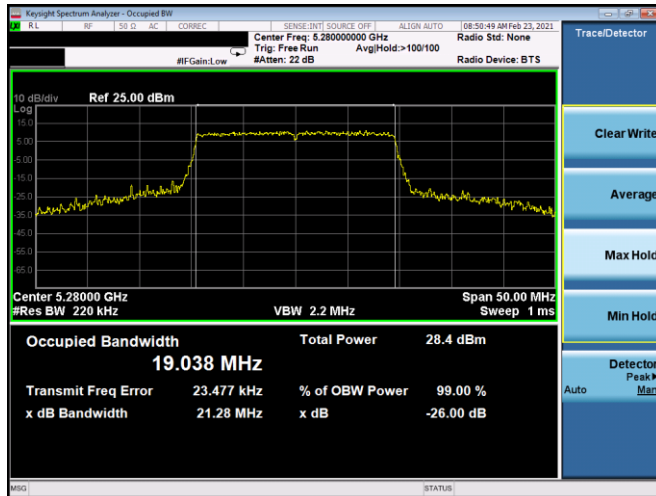
FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 40 of 349



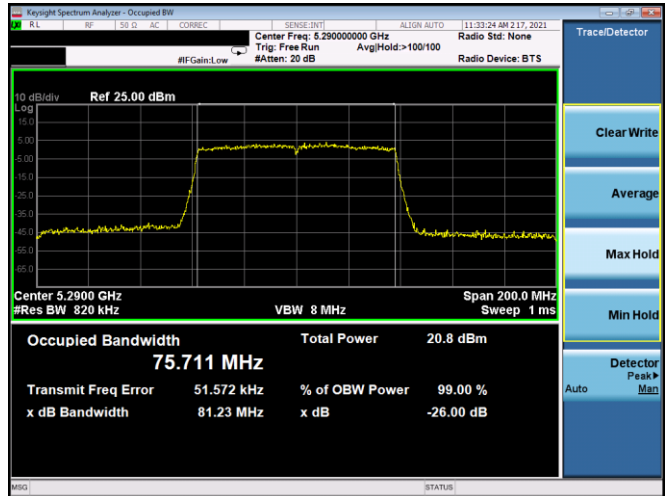
Plot 7-97. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11n – Ch. 56, MCS5)



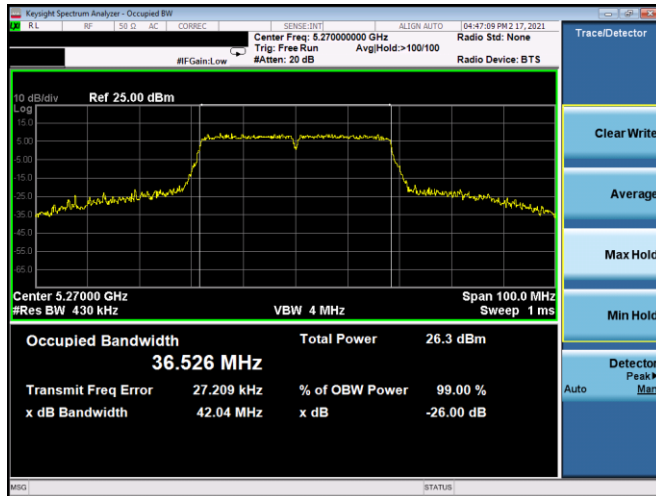
Plot 7-100. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



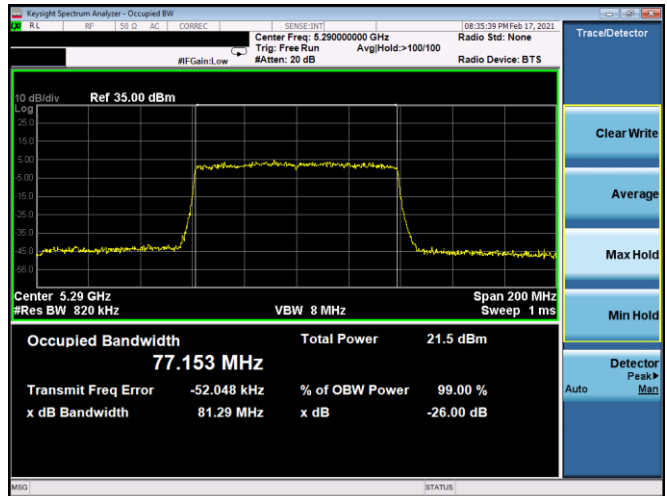
Plot 7-98. 26dB BW & 99% OBW Antenna 5B (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-101. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ac – Ch. 58, MCS5)



Plot 7-99. 26dB BW & 99% OBW Antenna 5B (40MHz BW 802.11n – Ch. 54, MCS5)



Plot 7-102. 26dB BW & 99% OBW Antenna 5B (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)

FCC ID: BCGA2378 IC: 579C-A2378	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020004-08.BCG	Test Dates: 02/15/2021 - 3/16/2021	EUT Type: Tablet Device	Page 41 of 349