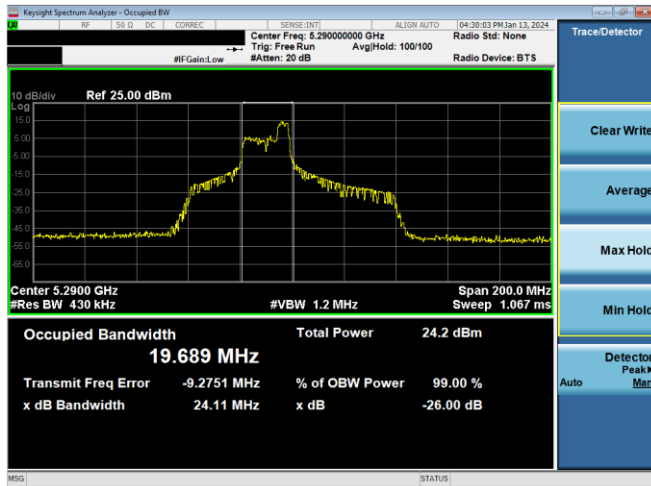




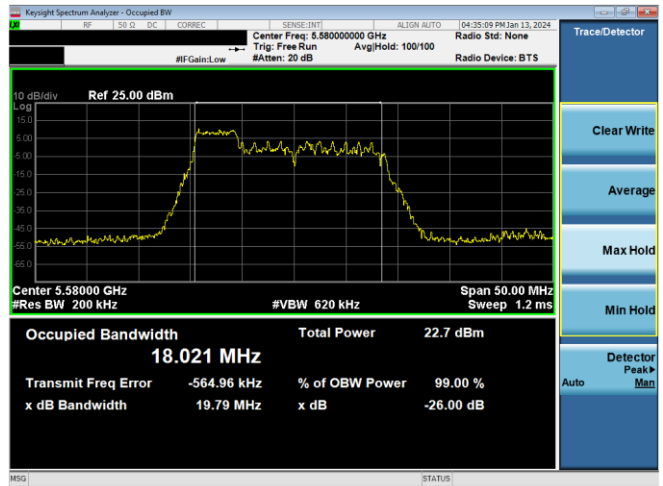
Plot 7-69. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 37 – RU52 – Ch.58)



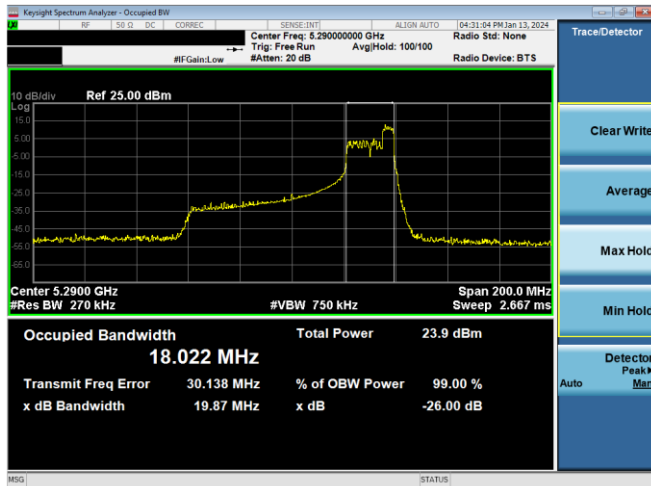
Plot 7-72. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax – RU996 – Ch.58)



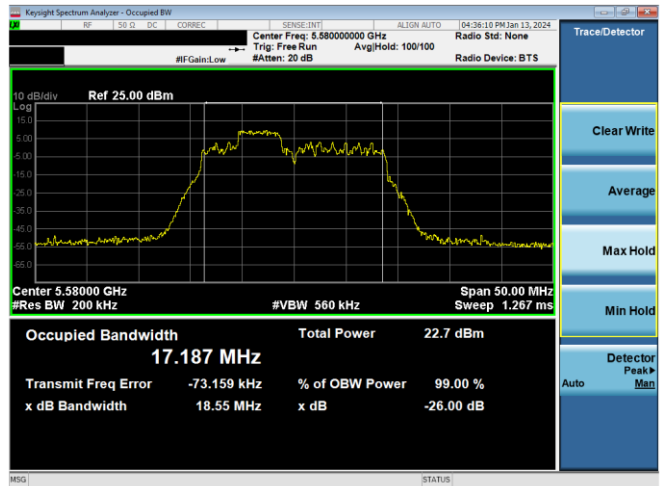
Plot 7-70. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 44 – RU52 – Ch.58)



Plot 7-73. 26dB BW & 99% OBW Antenna WF8 (20MHz BW 11ax Index 37 – RU52 – Ch.116)

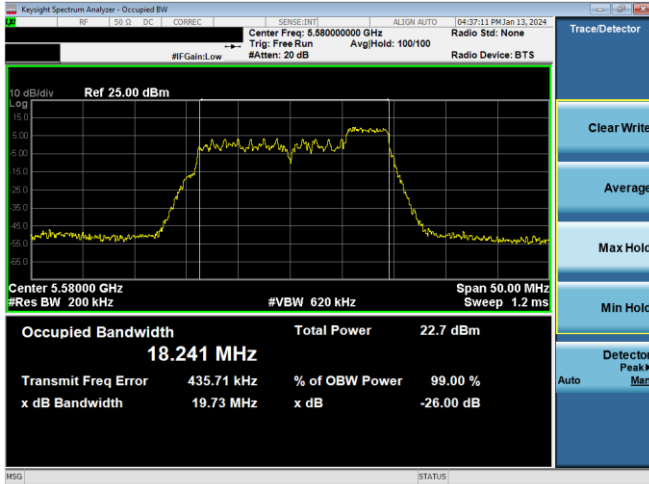


Plot 7-71. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 52 – RU52 – Ch.58)

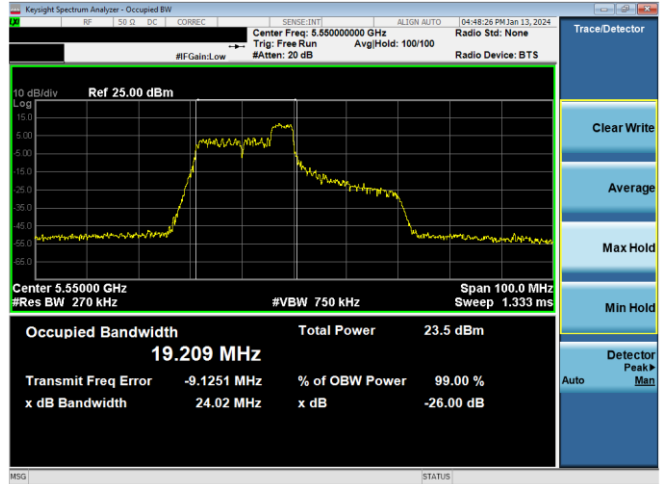


Plot 7-74. 26dB BW & 99% OBW Antenna WF8 (20MHz BW 11ax Index 38 – RU52 – Ch.116)

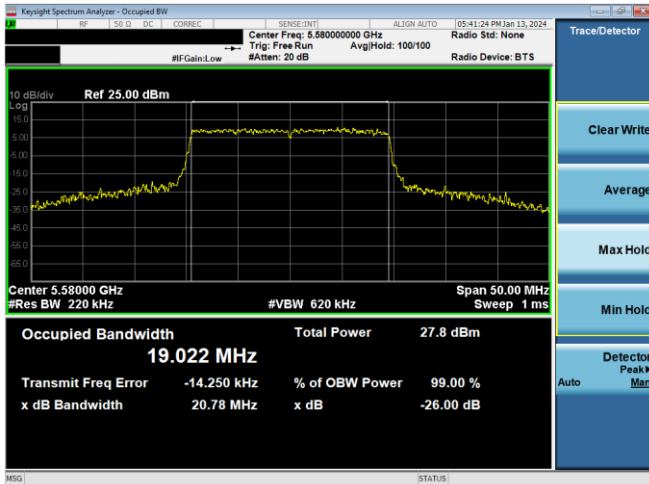
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 35 of 455



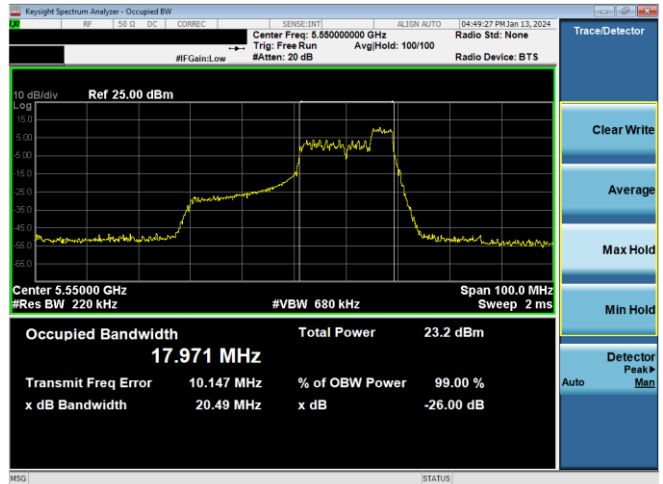
Plot 7-75. 26dB BW & 99% OBW Antenna WF8 (20MHz BW 11ax Index 40 – RU52 – Ch.116)



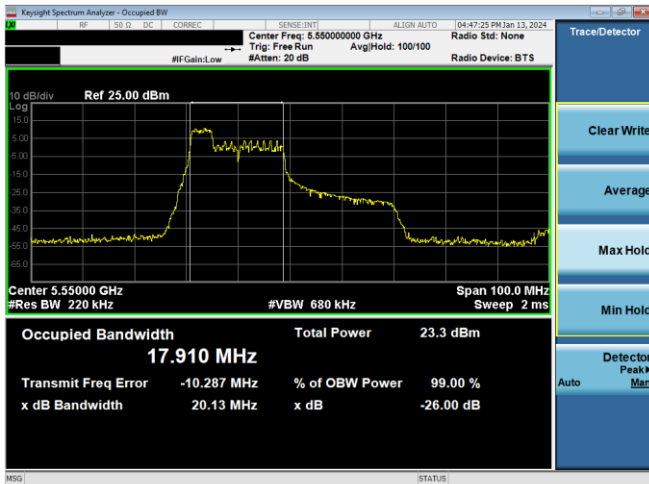
Plot 7-78. 26dB BW & 99% OBW Antenna WF8 (40MHz BW 11ax Index 40 – RU52 – Ch.110)



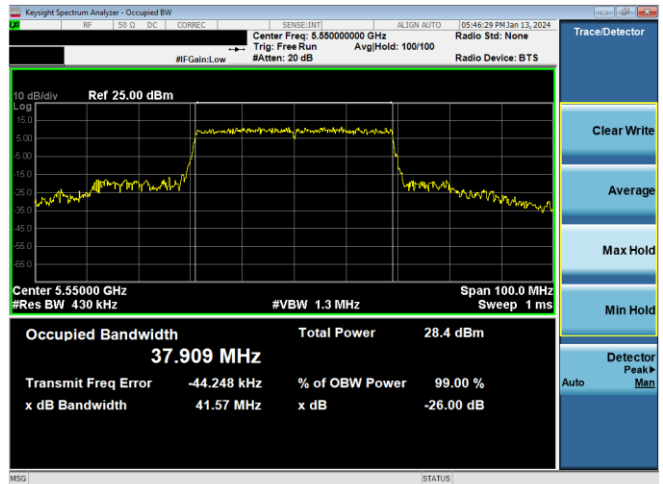
Plot 7-76. 26dB BW & 99% OBW Antenna WF8 (20MHz BW 11ax–RU242 – Ch.116)



Plot 7-79. 26dB BW & 99% OBW Antenna WF8 (40MHz BW 11ax Index 44 – RU52 – Ch.110)

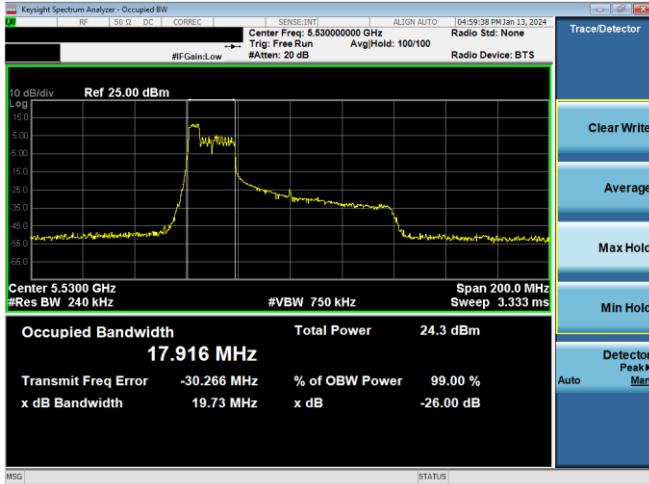


Plot 7-77. 26dB BW & 99% OBW Antenna WF8 (40MHz BW 11ax Index 37 – RU52 – Ch.110)

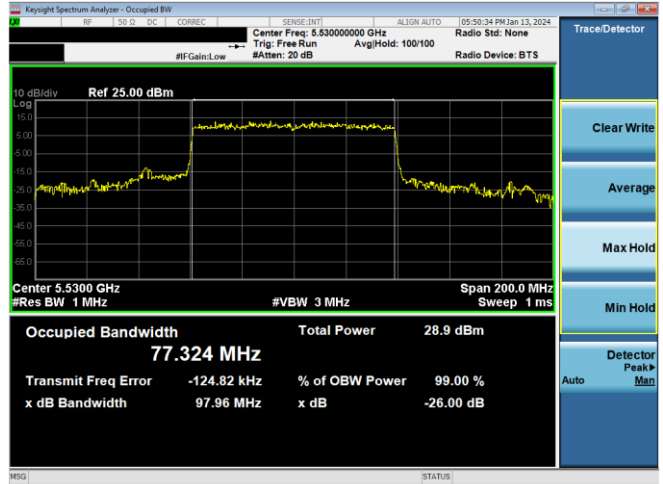


Plot 7-80. 26dB BW & 99% OBW Antenna WF8 (40MHz BW 11ax – RU484 – Ch.110)

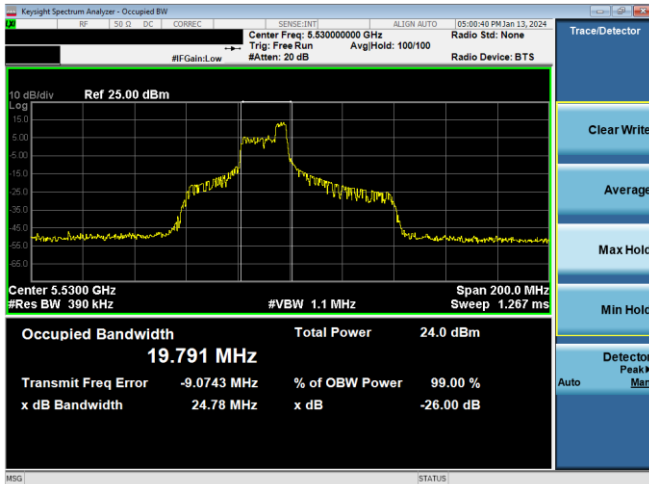
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 36 of 455



Plot 7-81. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 37 – RU52 – Ch.106)



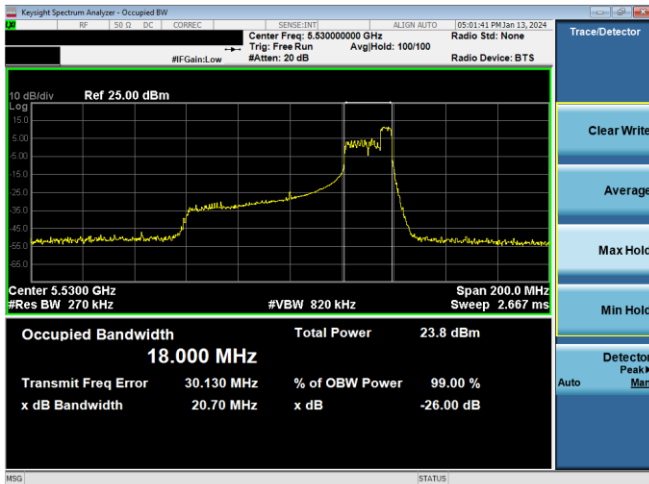
Plot 7-84. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax – RU996 – Ch.106)



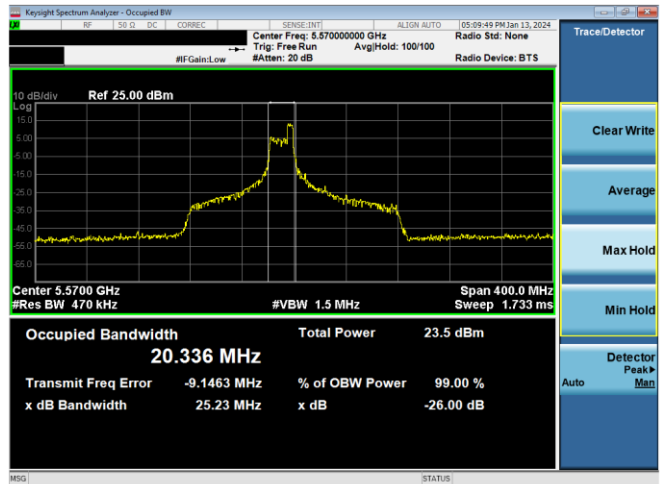
Plot 7-82. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 44 – RU52 – Ch.106)



Plot 7-85. 26dB BW & 99% OBW Antenna WF8 (160MHz BW 11ax Index 37 – RU52 – Ch.114 (L))

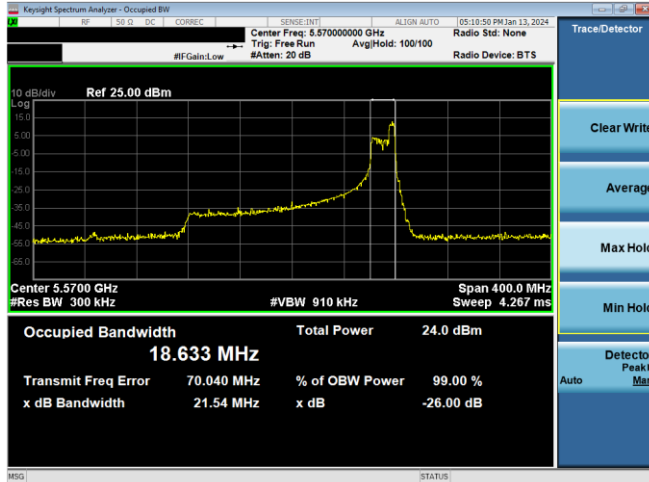


Plot 7-83. 26dB BW & 99% OBW Antenna WF8 (80MHz BW 11ax Index 52 – RU52 – Ch.106)

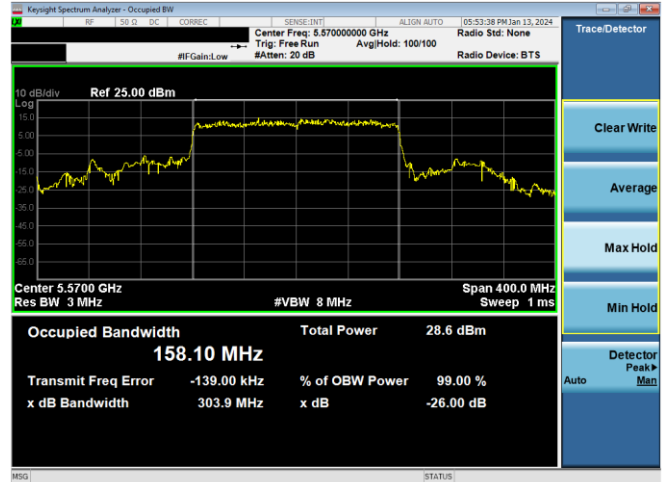


Plot 7-86. 26dB BW & 99% OBW Antenna WF8 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (L))

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 37 of 455



Plot 7-87. 26dB BW & 99% OBW Antenna WF8 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-88. 26dB BW & 99% OBW Antenna WF8 (160MHz BW 11ax – RU996x2 – Ch.114)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 38 of 455

### Antenna WF7 26dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.23	19.53
				26	4	12.5/14.7 (MCS11)	17.08	18.09
				26	8	12.5/14.7 (MCS11)	18.25	19.27
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.20	19.49
				26	4	12.5/14.7 (MCS11)	17.11	18.15
				26	8	12.5/14.7 (MCS11)	18.25	19.56
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.23	19.49
				26	4	12.5/14.7 (MCS11)	17.11	18.16
				26	8	12.5/14.7 (MCS11)	18.37	19.66
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.08	19.72
				26	8	12.5/14.7 (MCS11)	19.48	21.24
				26	17	12.5/14.7 (MCS11)	18.13	20.08
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.10	19.65
				26	8	12.5/14.7 (MCS11)	19.75	22.39
				26	17	12.5/14.7 (MCS11)	18.19	19.78
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.19	19.54
				26	18	12.5/14.7 (MCS11)	37.19	38.51
				26	36	12.5/14.7 (MCS11)	18.16	19.55

**Table 7-8. Conducted Bandwidth Measurements Antenna WF7 (RU26)**

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 39 of 455

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	
Band 1/2A	5250	50 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	18.36	21.01	
				52	52	25/29.4 (MCS11)	20.22	25.91	
		50 (U)		52	52	25/29.4 (MCS11)	18.65	22.30	
Band 2A	5260	52	ax (20MHz)	52	37	25/29.4 (MCS11)	18.12	19.66	
				52	38	25/29.4 (MCS11)	17.13	18.44	
				52	40	25/29.4 (MCS11)	18.19	19.60	
	5300	60	ax (20MHz)	52	37	25/29.4 (MCS11)	18.17	19.65	
				52	38	25/29.4 (MCS11)	17.13	18.22	
				52	40	25/29.4 (MCS11)	18.20	19.77	
	5320	64	ax (20MHz)	52	37	25/29.4 (MCS11)	18.12	19.55	
				52	38	25/29.4 (MCS11)	17.17	18.39	
				52	40	25/29.4 (MCS11)	18.30	20.12	
	5270	54	ax (40MHz)	52	37	25/29.4 (MCS11)	17.84	20.11	
				52	40	25/29.4 (MCS11)	19.37	22.39	
				52	44	25/29.4 (MCS11)	18.11	20.38	
	5310	62	ax (40MHz)	52	37	25/29.4 (MCS11)	17.89	19.89	
				52	40	25/29.4 (MCS11)	19.26	22.91	
				52	44	25/29.4 (MCS11)	18.04	20.57	
	5290	58	ax (80MHz)	52	37	25/29.4 (MCS11)	17.97	19.53	
				52	44	25/29.4 (MCS11)	19.86	23.59	
				52	52	25/29.4 (MCS11)	18.01	20.07	
	Band 2C	5500	100	ax (20MHz)	52	37	25/29.4 (MCS11)	18.09	19.45
					52	38	25/29.4 (MCS11)	17.18	18.40
					52	40	25/29.4 (MCS11)	18.25	19.64
5580		116	ax (20MHz)	52	37	25/29.4 (MCS11)	18.10	19.53	
				52	38	25/29.4 (MCS11)	17.19	18.38	
				52	40	25/29.4 (MCS11)	18.25	19.64	
5720		144	ax (20MHz)	52	37	25/29.4 (MCS11)	18.13	19.48	
				52	38	25/29.4 (MCS11)	17.09	18.31	
				52	40	25/29.4 (MCS11)	18.18	19.86	
5510		102	ax (40MHz)	52	37	25/29.4 (MCS11)	17.91	19.83	
				52	40	25/29.4 (MCS11)	19.43	23.23	
				52	44	25/29.4 (MCS11)	18.09	20.70	
5550		110	ax (40MHz)	52	37	25/29.4 (MCS11)	17.97	20.26	
				52	40	25/29.4 (MCS11)	19.21	21.96	
				52	44	25/29.4 (MCS11)	18.13	20.60	
5710		142	ax (40MHz)	52	37	25/29.4 (MCS11)	17.96	20.17	
				52	40	25/29.4 (MCS11)	19.25	23.36	
				52	44	25/29.4 (MCS11)	18.02	20.40	
5530		106	ax (80MHz)	52	37	25/29.4 (MCS11)	17.86	19.47	
				52	44	25/29.4 (MCS11)	20.22	23.41	
				52	52	25/29.4 (MCS11)	18.08	20.53	
5610*		122	ax (80MHz)	52	37	25/29.4 (MCS11)	17.90	19.37	
				52	44	25/29.4 (MCS11)	20.18	28.32	
				52	52	25/29.4 (MCS11)	18.07	20.08	
5690		138	ax (80MHz)	52	37	25/29.4 (MCS11)	17.97	19.77	
				52	44	25/29.4 (MCS11)	19.79	25.52	
				52	52	25/29.4 (MCS11)	18.08	19.88	
5570*	114 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	18.27	20.67		
			52	52	25/29.4 (MCS11)	19.75	23.48		
	114 (U)		52	52	25/29.4 (MCS11)	18.80	22.51		

**Table 7-9. Conducted Bandwidth Measurements Antenna WF7 (RU52)**

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

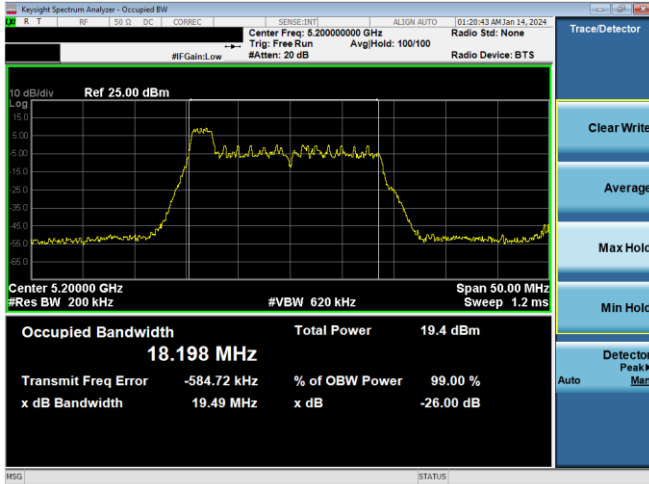
FCC ID: BCGA2836 IC: 579C-A2836		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270067-12.BCG	<b>Test Dates:</b> 1/8/2024 - 3/18/2024	<b>EUT Type:</b> Tablet Device	Page 40 of 455

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.02	20.96
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.02	20.93
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	21.06
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.96	41.23
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.99	41.16
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.07	81.05
Band 1/2A	5250	50	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	157.64	302.90
Band 2A	5260	52	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	20.81
	5300	60	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.00	20.97
	5320	64	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.97	20.82
	5270	54	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.94	41.22
	5310	62	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.92	41.46
	5290	58	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.20	81.42
Band 2C	5500	100	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.05	21.04
	5580	116	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.06	21.17
	5720	144	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	21.06
	5510	102	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.96	40.96
	5550	110	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.94	41.10
	5710	142	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.94	41.36
	5530	106	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.20	81.13
	5610*	122	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.46	97.82
	5690	138	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.23	97.94
	5570*	114	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	158.12	304.81

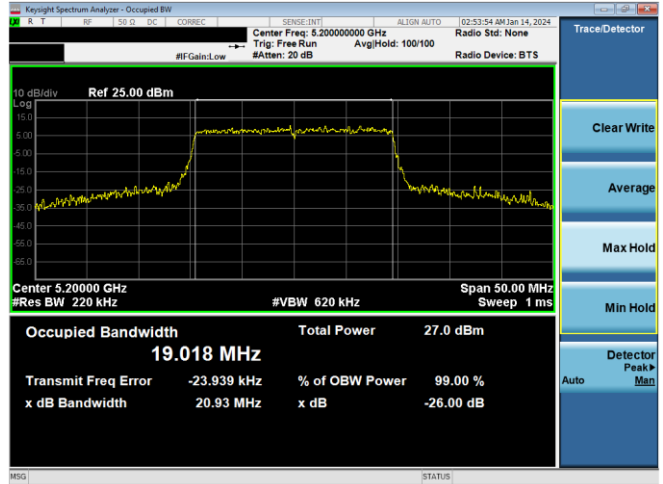
**Table 7-10. Conducted Bandwidth Measurements Antenna WF7 (Fully- loaded RU)**

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

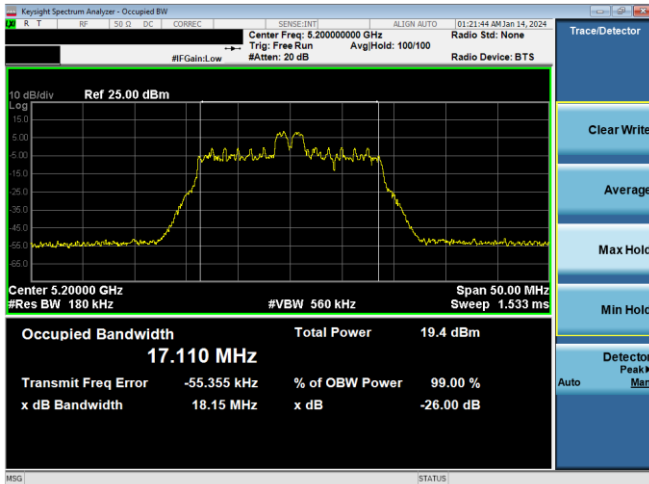
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 41 of 455



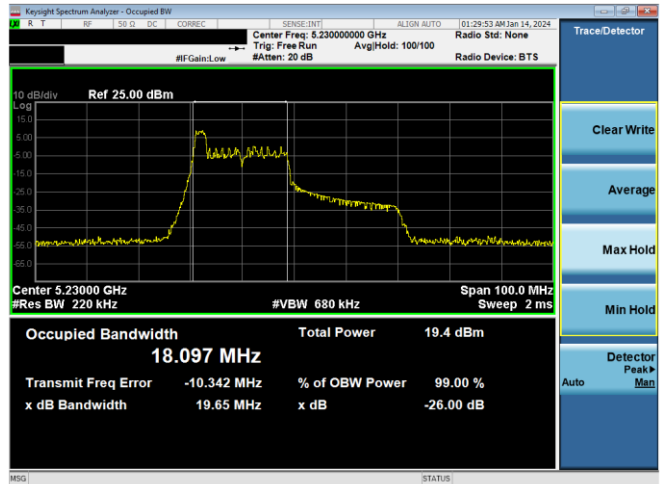
Plot 7-89. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 0 – RU26 – Ch.40)



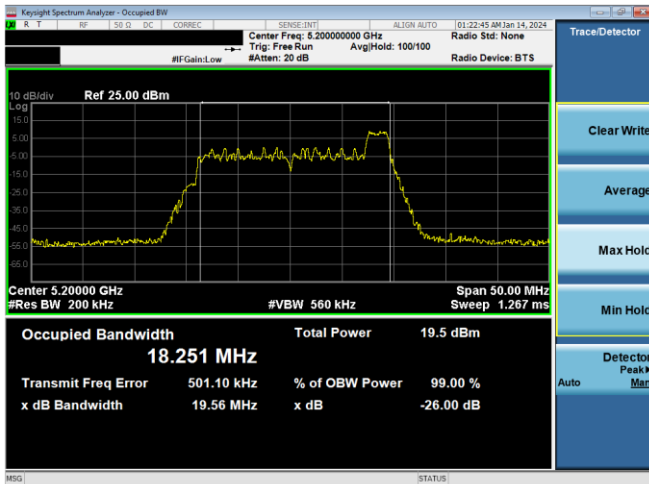
Plot 7-92. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax– RU242 – Ch.40)



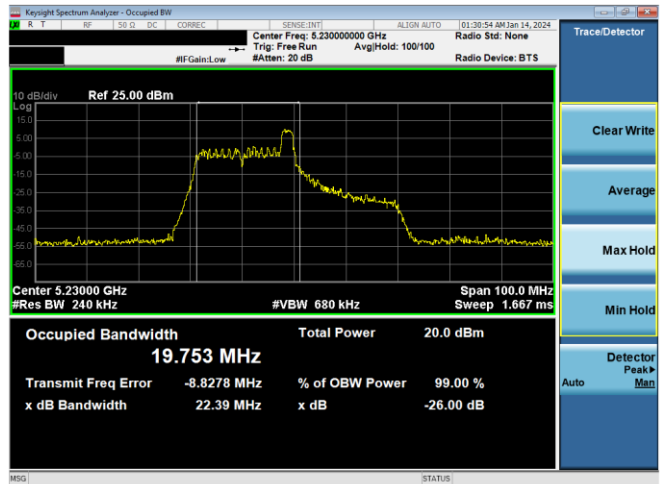
Plot 7-90. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 4 – RU26 – Ch.40)



Plot 7-93. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 0 – RU26 – Ch.46)



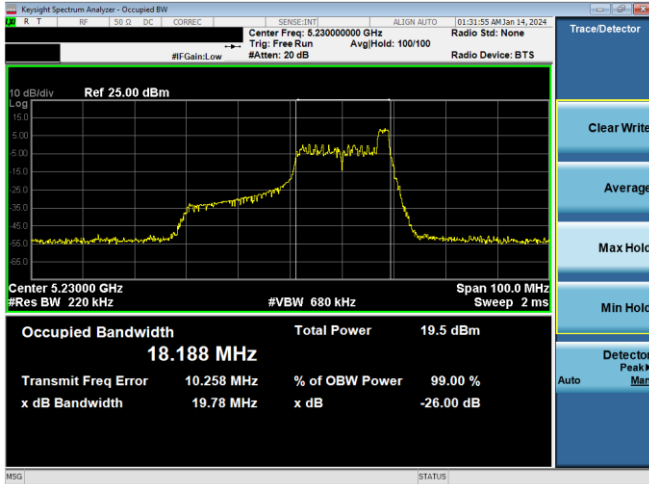
Plot 7-91. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 8– RU26 – Ch.40)



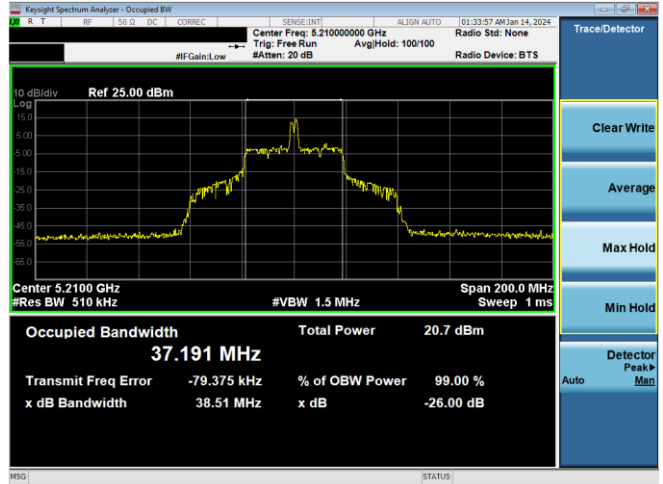
Plot 7-94. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 8 – RU26 – Ch.46)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 42 of 455

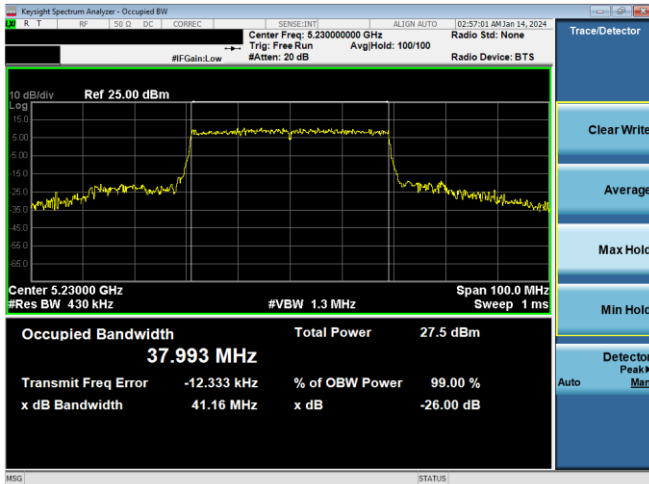




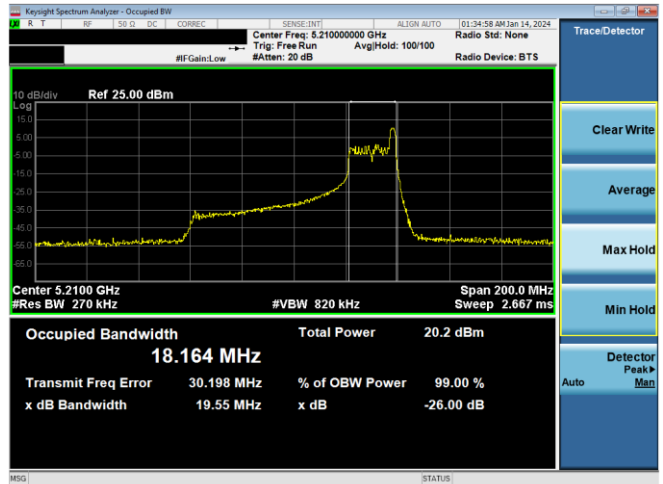
Plot 7-95. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 17 – RU26 – Ch.46)



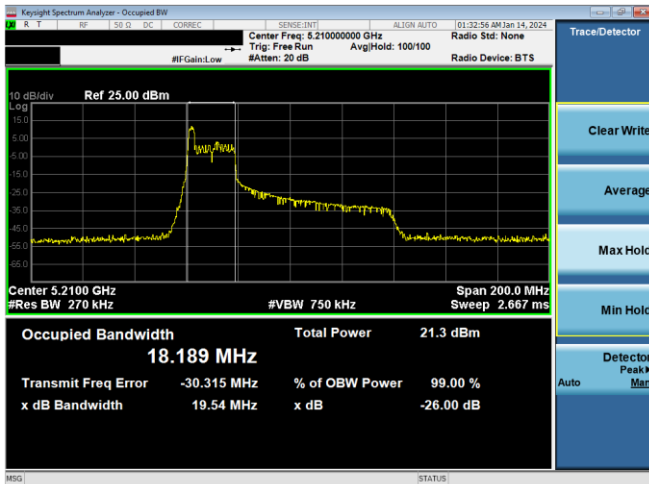
Plot 7-96. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 18 – RU26 – Ch.42)



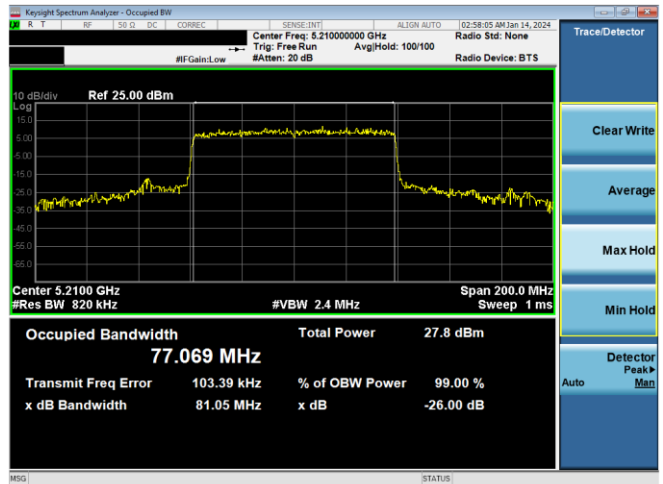
Plot 7-96. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax – RU484 – Ch.46)



Plot 7-99. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 36 – RU26 – Ch.42)



Plot 7-97. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 0 – RU26 – Ch.42)

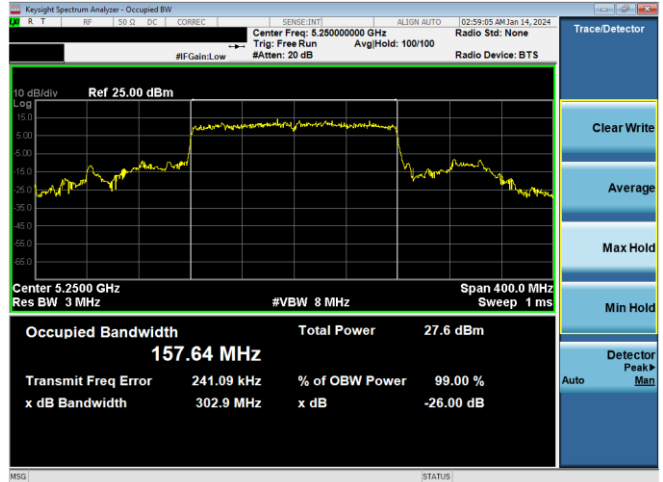


Plot 7-100. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax – RU996 – Ch.42)

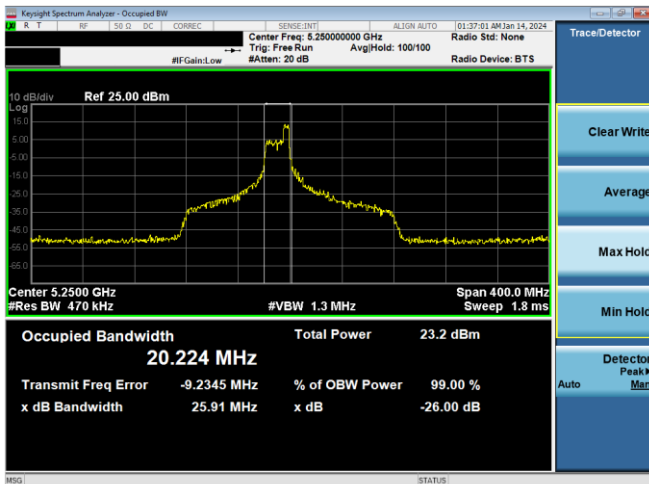
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 43 of 455



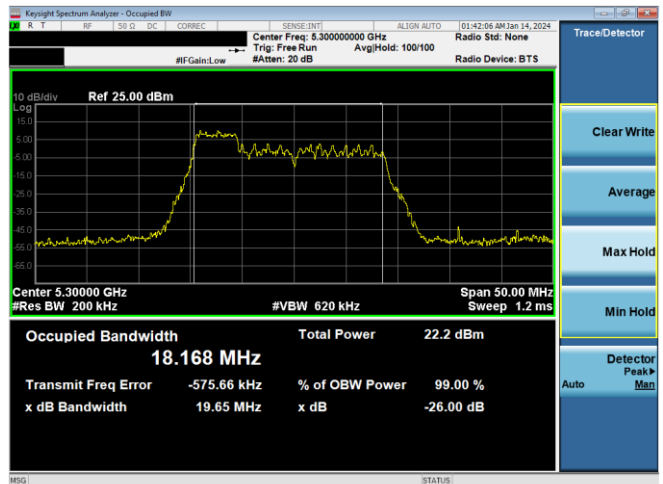
Plot 7-101. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 37 – RU52 – Ch.50 (L))



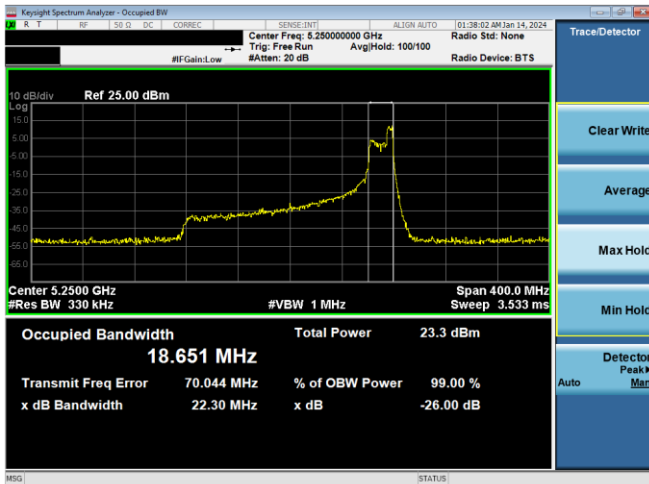
Plot 7-104. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax – RU96x2 – Ch.50)



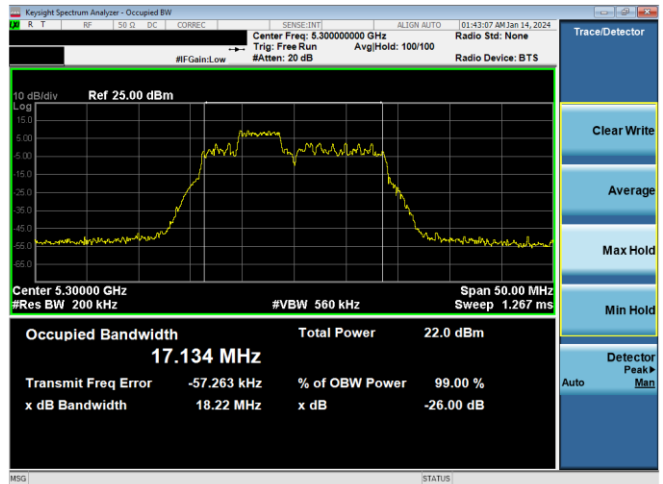
Plot 7-102. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.50 (L))



Plot 7-105. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 37 – RU52 – Ch.60)

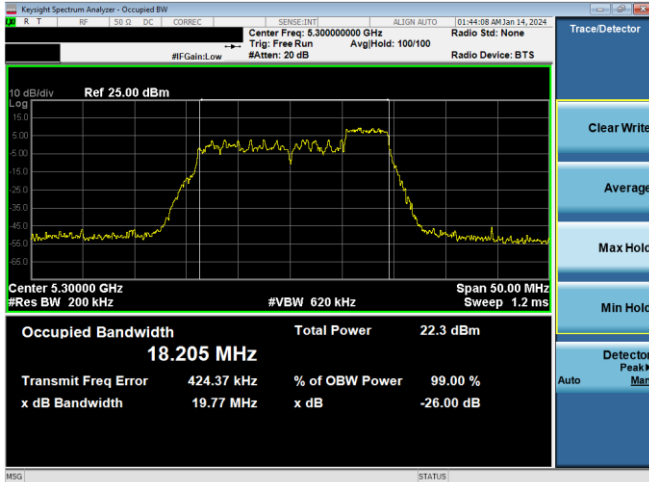


Plot 7-103. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.50 (U))

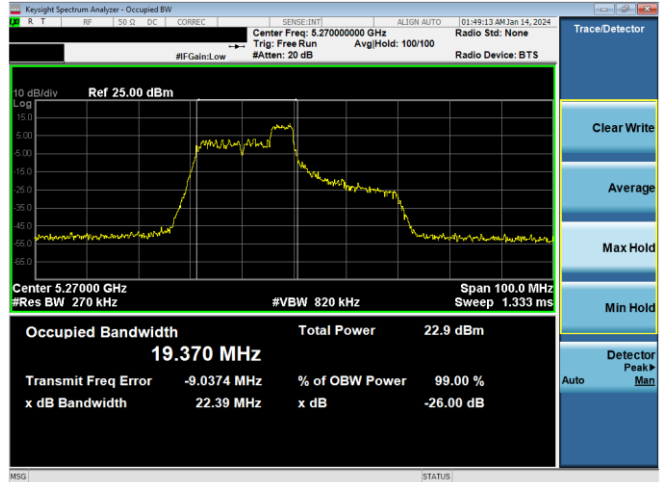


Plot 7-106. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 38 – RU52 – Ch.60)

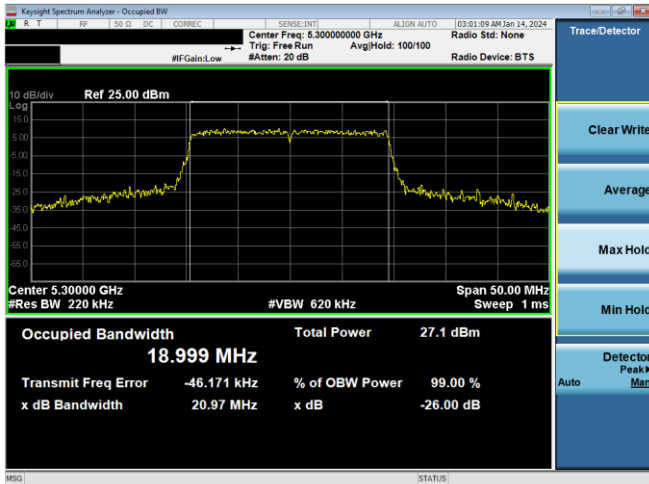
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 44 of 455



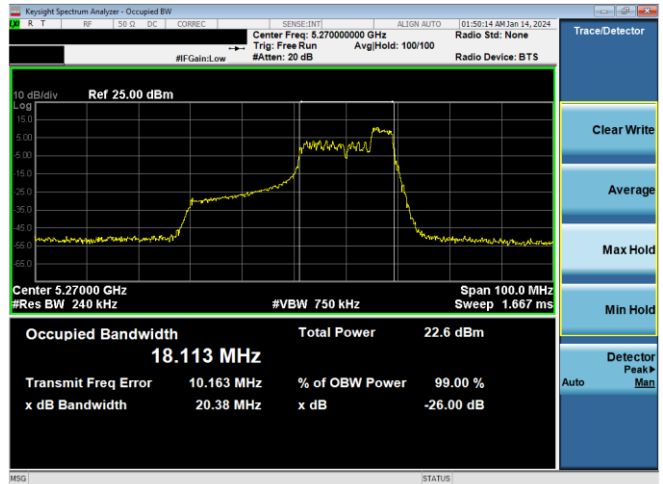
Plot 7-107. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 40 – RU52 – Ch.60)



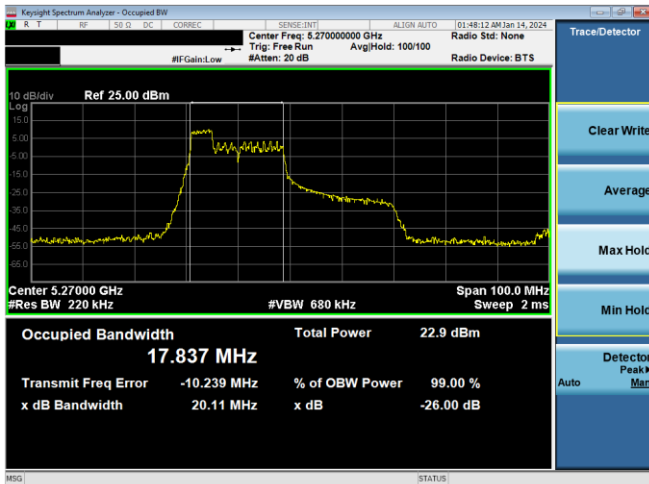
Plot 7-110. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 40 – RU52 – Ch.54)



Plot 7-108. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax– RU242 – Ch.60)



Plot 7-111. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 44 – RU52 – Ch.54)

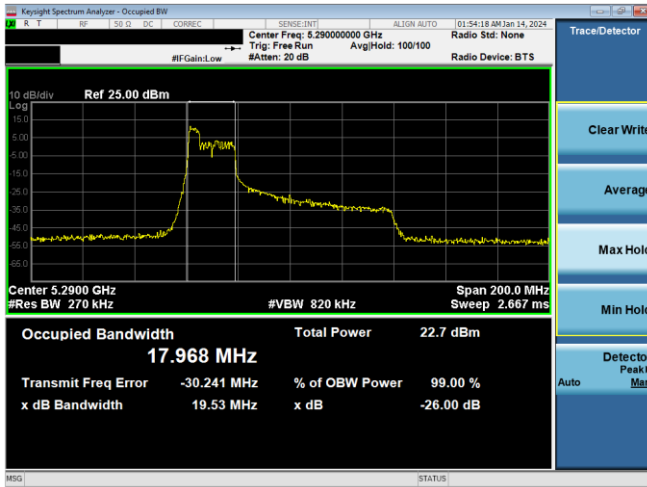


Plot 7-109. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 37 – RU52 – Ch.54)

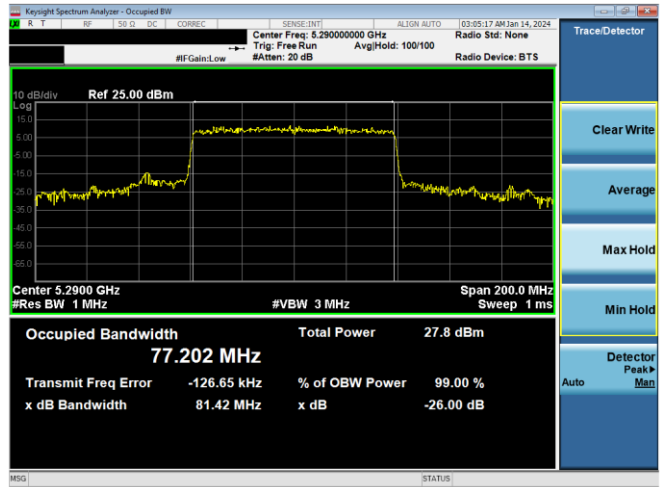


Plot 7-112. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax – RU484 – Ch.54)

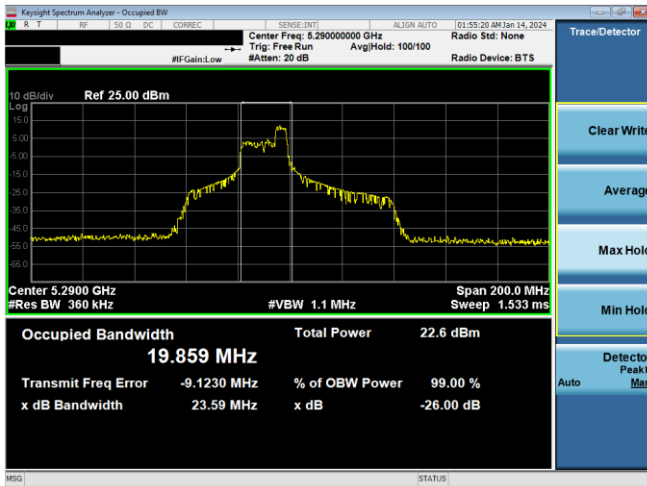
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 45 of 455



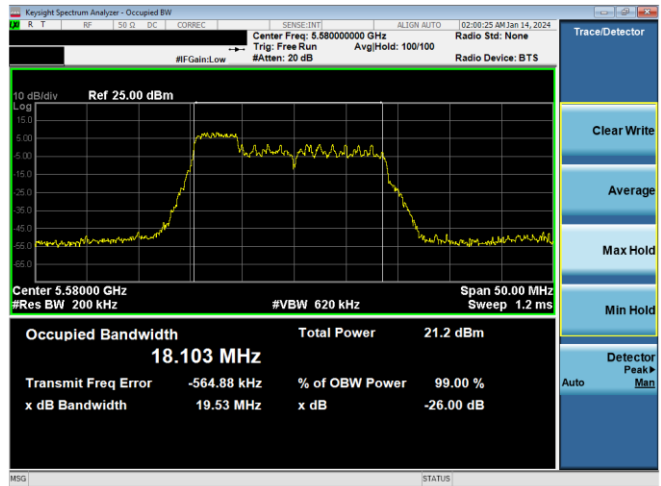
Plot 7-113. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 37 – RU52 – Ch.58)



Plot 7-116. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax – RU996 – Ch.58)



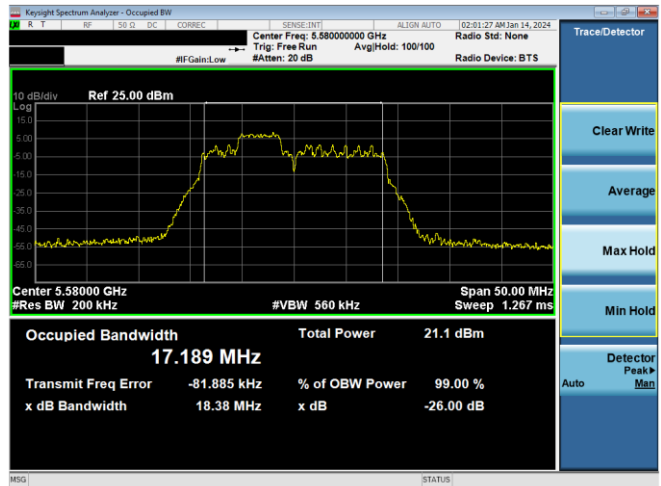
Plot 7-114. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 44 – RU52 – Ch.58)



Plot 7-117. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 37 – RU52 – Ch.116)

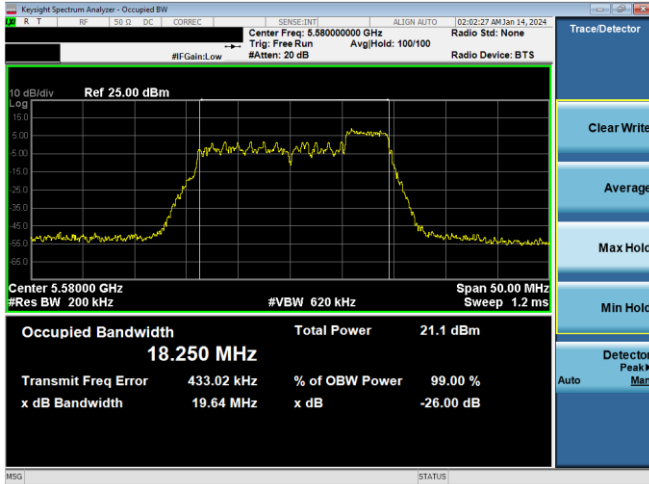


Plot 7-115. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 52 – RU52 – Ch.58)

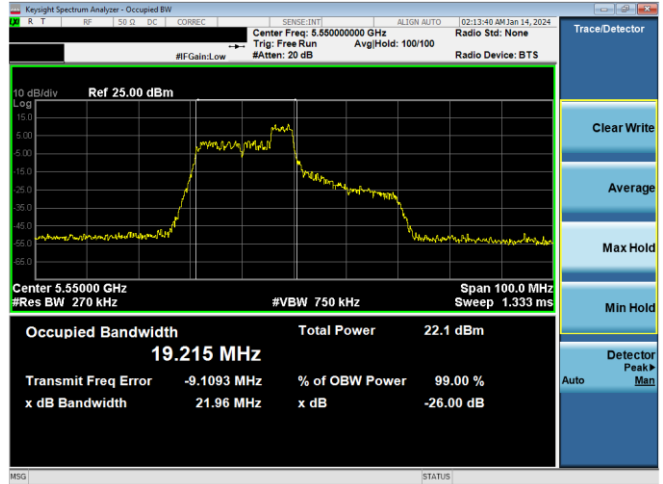


Plot 7-118. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 38 – RU52 – Ch.116)

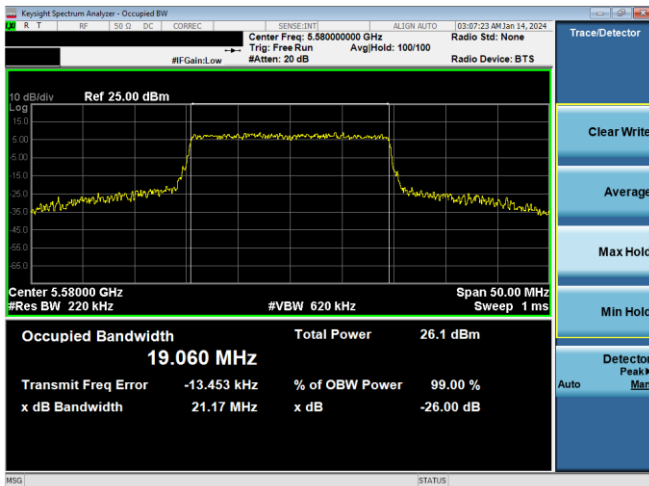
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 46 of 455



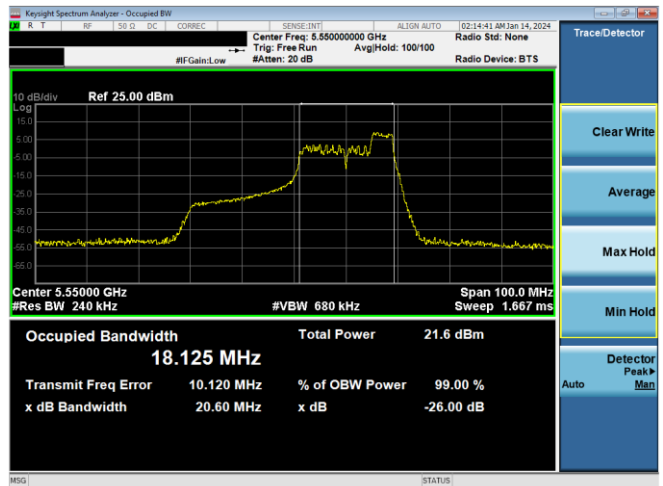
Plot 7-119. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax Index 40 – RU52 – Ch.116)



Plot 7-122. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 40 – RU52 – Ch.110)



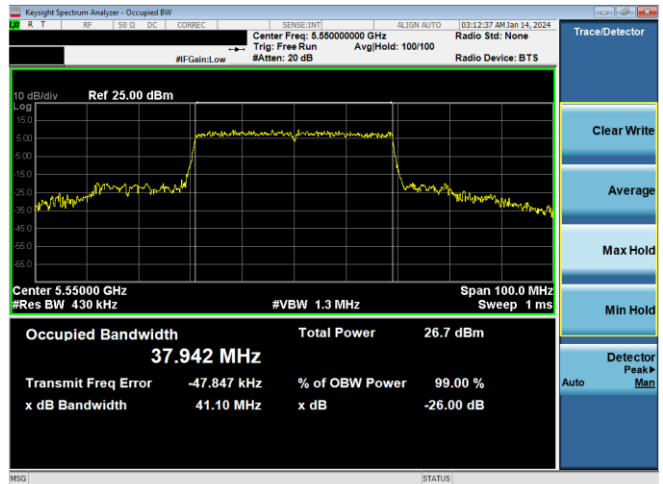
Plot 7-120. 26dB BW & 99% OBW Antenna WF7 (20MHz BW 11ax– RU242 – Ch.116)



Plot 7-123. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 44 – RU52 – Ch.110)

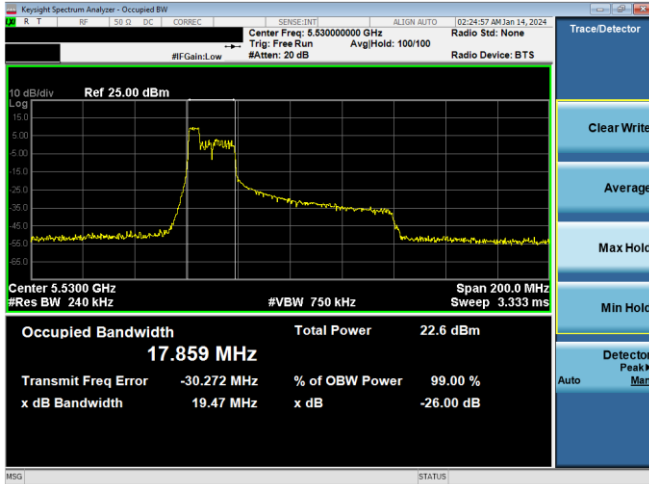


Plot 7-121. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax Index 37 – RU52 – Ch.110)

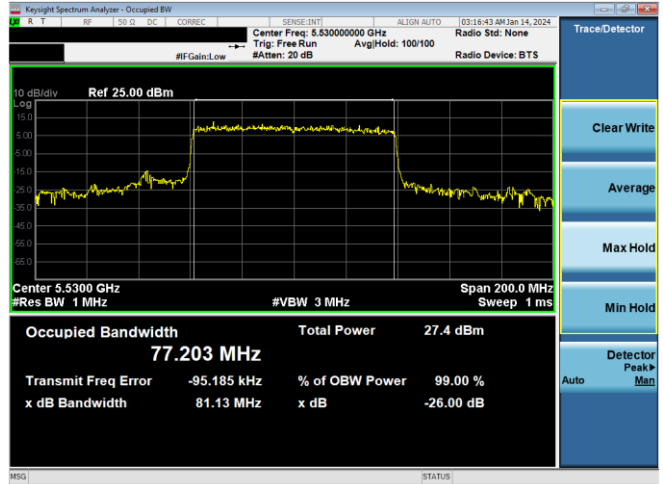


Plot 7-124. 26dB BW & 99% OBW Antenna WF7 (40MHz BW 11ax – RU484 – Ch.110)

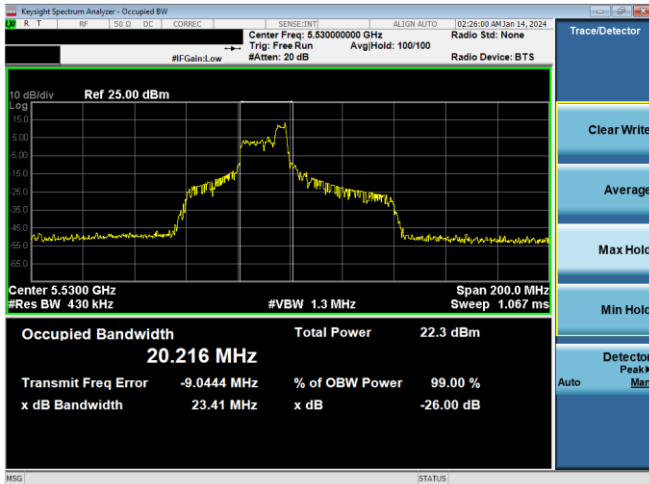
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 47 of 455



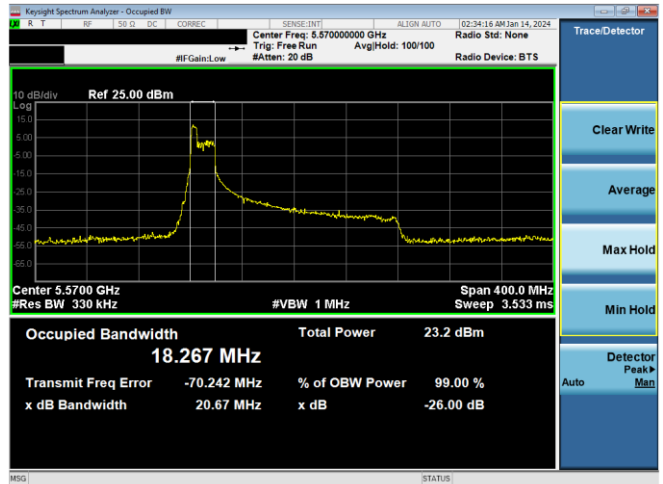
Plot 7-125. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 37 – RU52 – Ch.106)



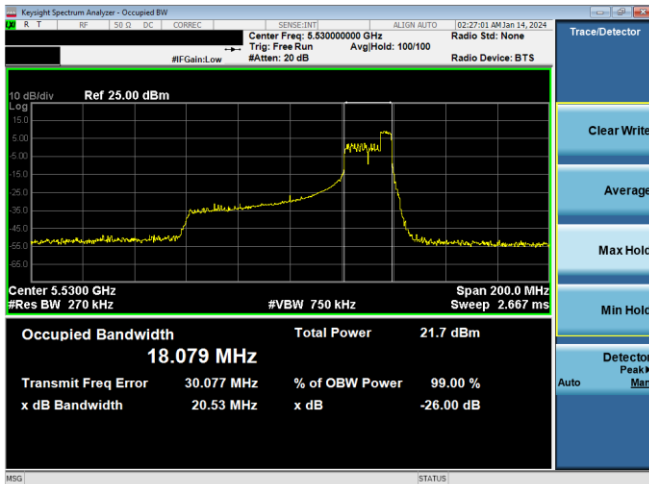
Plot 7-128. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax – RU996 – Ch.106)



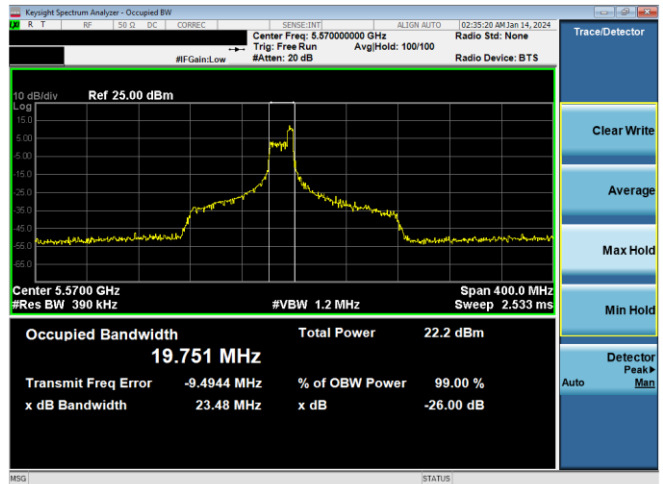
Plot 7-126. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 44 – RU52 – Ch.106)



Plot 7-129. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 37 – RU52 – Ch.114 (L))



Plot 7-127. 26dB BW & 99% OBW Antenna WF7 (80MHz BW 11ax Index 52 – RU52 – Ch.106)

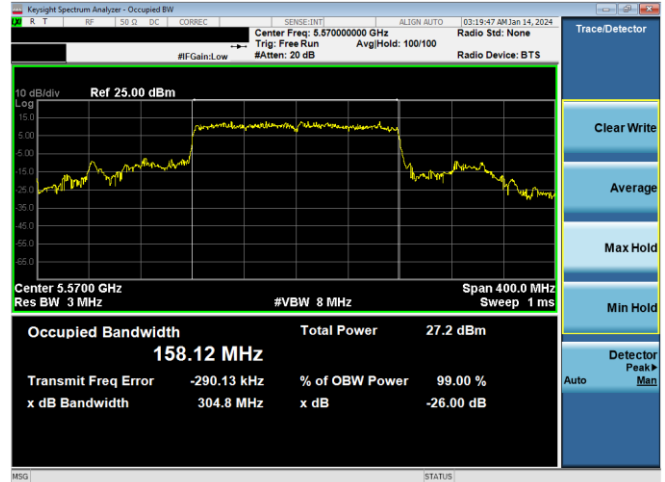


Plot 7-130. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (L))

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 48 of 455



Plot 7-131. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-132. 26dB BW & 99% OBW Antenna WF7 (160MHz BW 11ax – RU996x2 – Ch.114)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 49 of 455

### 7.3 6dB & 99% Bandwidth Measurement – 802.11ax OFDMA

§2.1049; §15.407 (e); RSS-Gen [6.7]

#### Test Overview and Limit

The bandwidth at 6dB down from the highest in-band spectral density is measured with a spectrum analyzer connected to the antenna terminal while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. The spectrum analyzer's bandwidth measurement function is configured to measure the 6dB bandwidth.

*In the 5.725 – 5.850GHz band, the 6dB bandwidth must be  $\geq 500$  kHz.*

#### Test Procedure Used

ANSI C63.10-2013 – Subclause 6.9.2

KDB 789033 D02 v02r01 – Section C

#### Test Settings

1. The signal analyzers' automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to  $X = 6$ . The automatic bandwidth measurement function also has the capability of simultaneously measuring the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 100 kHz
3. VBW  $\geq 3 \times$  RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple

#### Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-2. Test Instrument & Measurement Setup**

#### Test Notes

1. All antenna configurations were investigated and only the worst case is reported
2. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's were reported.
3. Low, mid, and high channels were tested and tabular data has been reported. Only mid channel bandwidth plots have been reported.

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 50 of 455

V 10.5 12/15/2021



## Antenna WF5B 6dB & 99% Bandwidth Measurements

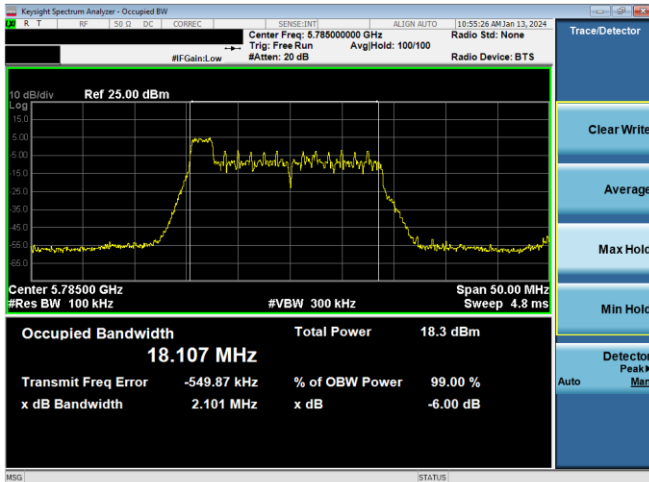
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.08	2.08	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.09	2.71	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.23	2.07	0.50	Pass
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.11	2.10	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.13	2.71	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.22	2.11	0.50	Pass
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.12	2.09	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.12	2.72	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.23	2.10	0.50	Pass
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.84	2.16	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.71	2.11	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.94	2.08	0.50	Pass
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.91	2.16	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.89	2.13	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.94	2.15	0.50	Pass
5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.79	2.27	0.50	Pass	
			26	18	12.5/14.7 (MCS11)	36.83	2.79	0.50	Pass	
			26	36	12.5/14.7 (MCS11)	17.88	2.18	0.50	Pass	

Table 7-11. Conducted Bandwidth Measurements Antenna WF5B (RU26)

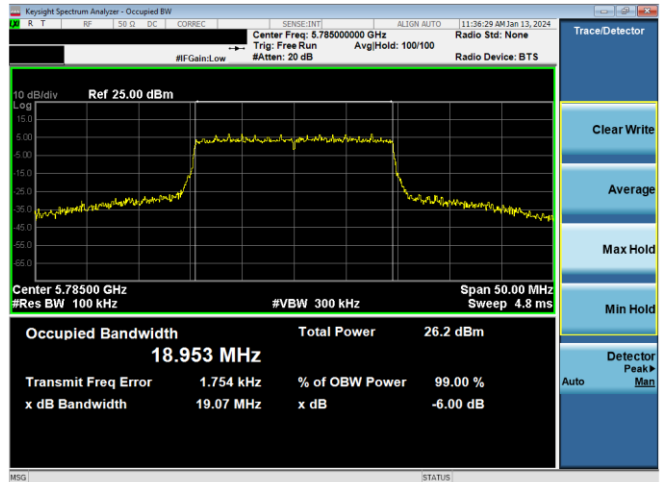
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.96	19.08	0.50	Pass
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.95	19.07	0.50	Pass
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.00	19.13	0.50	Pass
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.88	38.20	0.50	Pass
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.86	38.19	0.50	Pass
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.12	77.94	0.50	Pass

Table 7-12. Conducted Bandwidth Measurements Antenna WF5B (Fully- loaded RU)

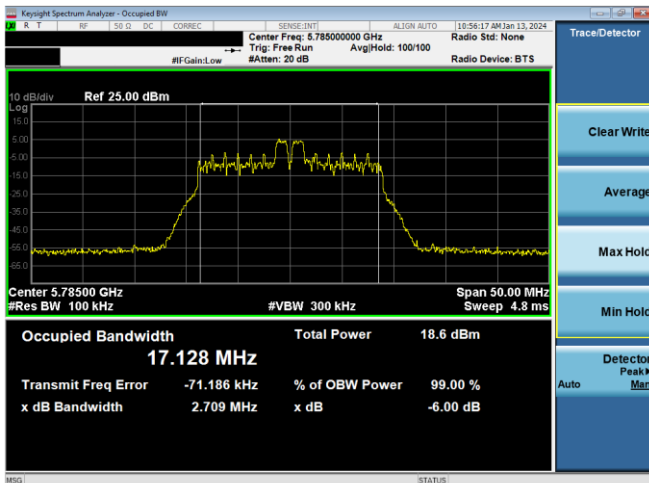
FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 51 of 455



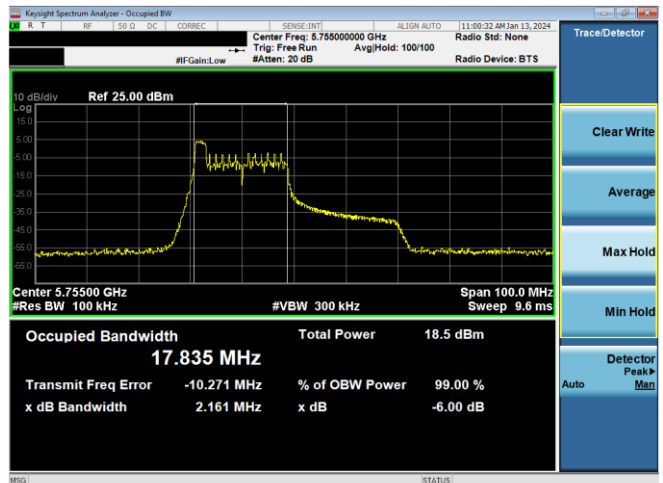
Plot 7-133. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax Index 0 – RU26 – Ch.157)



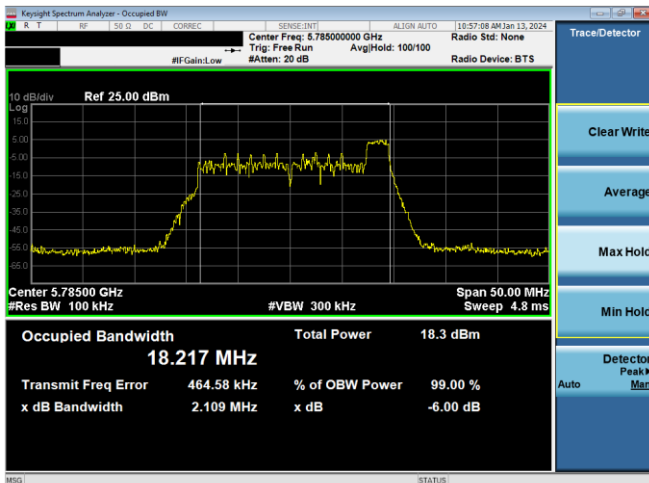
Plot 7-136. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax – RU242 – Ch.157)



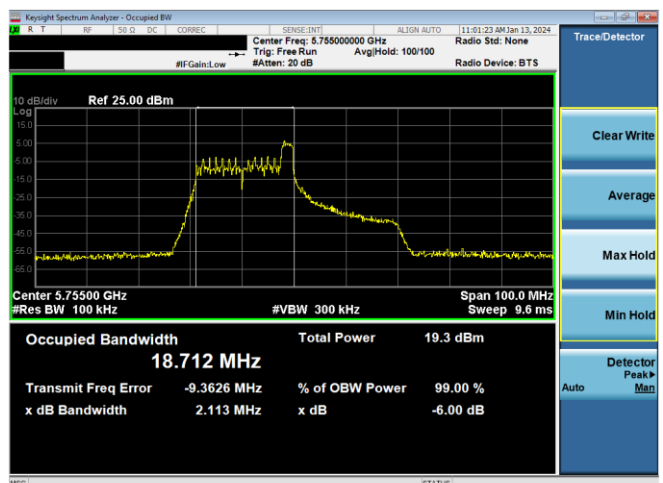
Plot 7-134. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax Index 4 – RU26 – Ch.157)



Plot 7-137. 6dB BW & 99% OBW Antenna WF5B (40MHz BW 11ax Index 0 – RU26 – Ch.151)



Plot 7-135. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax Index 8 – RU26 – Ch.157)



Plot 7-138. 6dB BW & 99% OBW Antenna WF5B (40MHz BW 11ax Index 8 – RU26 – Ch.151)

FCC ID: BCGA2836 IC: 579C-A2836		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270067-12.BCG	Test Dates: 1/8/2024 - 3/18/2024	EUT Type: Tablet Device	Page 52 of 455