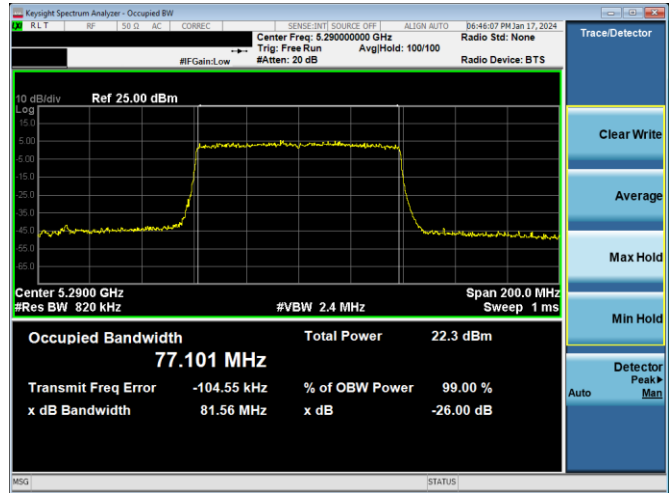
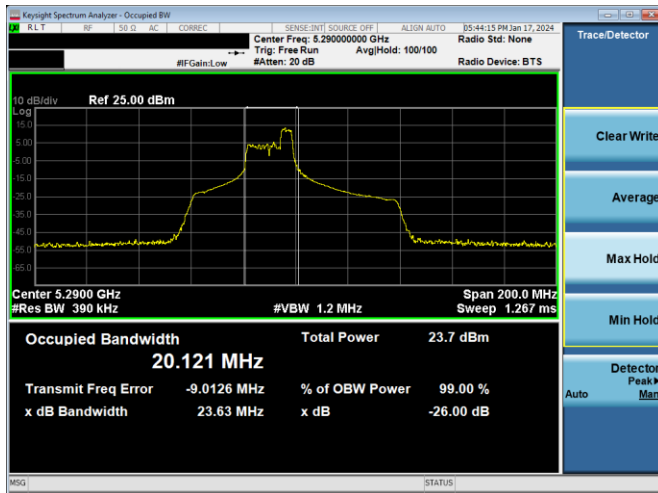




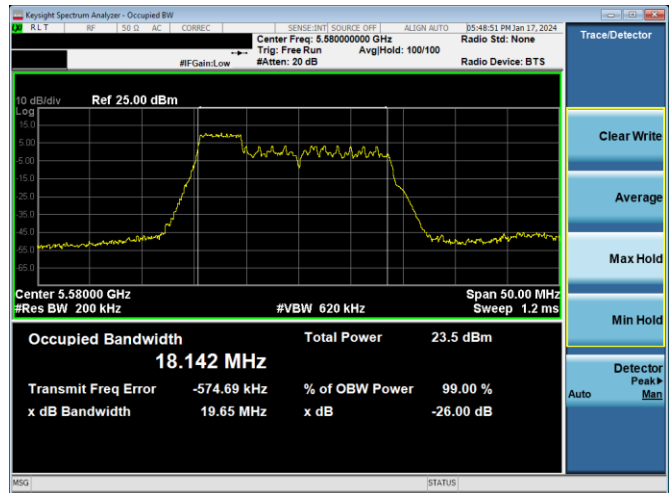
Plot 7-69. 26dB BW & 99% OBW Antenna 4a (80MHz BW 11ax Index 37 – RU52 – Ch.58)



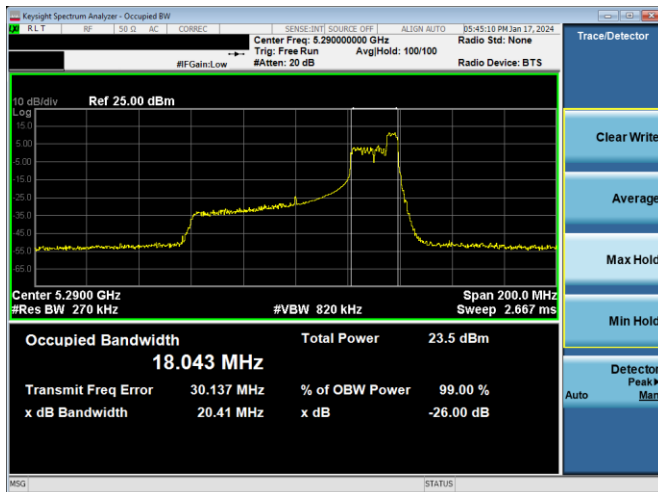
Plot 7-72. 26dB BW & 99% OBW Antenna 4a (80MHz BW 11ax – RU996 – Ch.58)



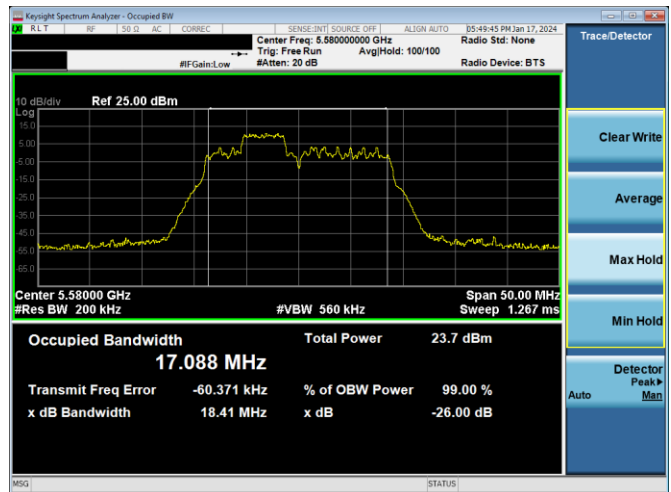
Plot 7-70. 26dB BW & 99% OBW Antenna 4a (80MHz BW 11ax Index 44 – RU52 – Ch.58)



Plot 7-73. 26dB BW & 99% OBW Antenna 4a (20MHz BW 11ax Index 37 – RU52 – Ch.116)



Plot 7-71. 26dB BW & 99% OBW Antenna 4a (80MHz BW 11ax Index 52 – RU52 – Ch.58)

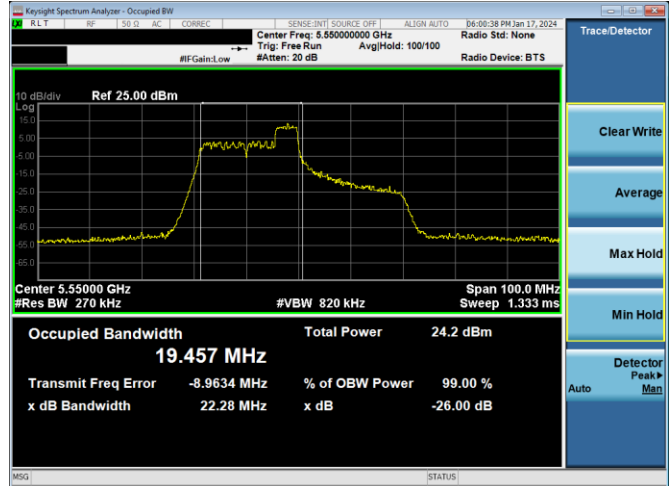


Plot 7-74. 26dB BW & 99% OBW Antenna 4a (20MHz BW 11ax Index 38 – RU52 – Ch.116)

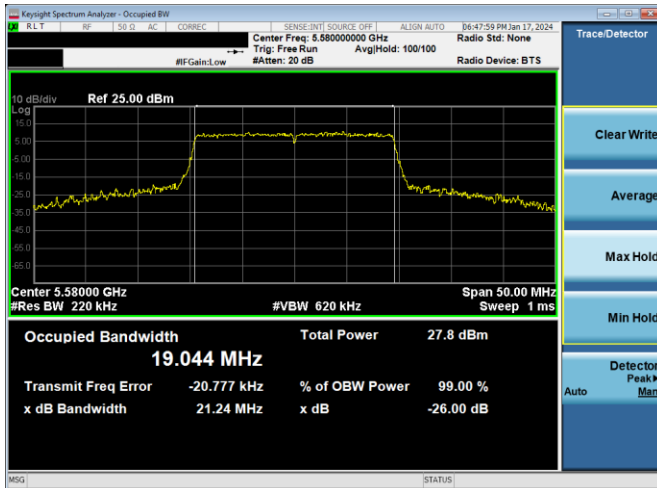
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 35 of 450



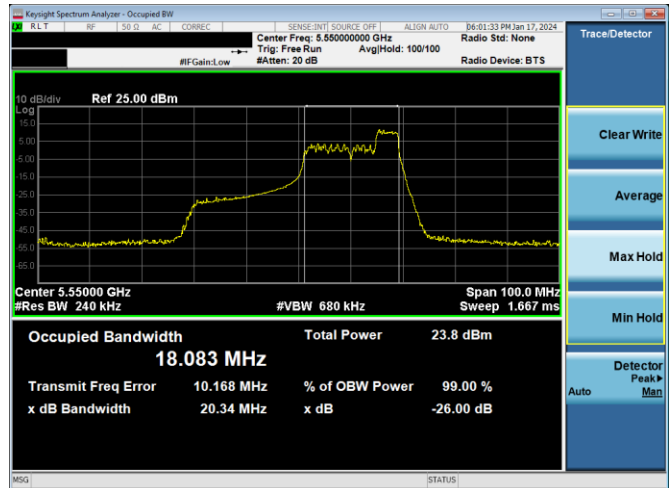
Plot 7-75. 26dB BW & 99% OBW Antenna 4a (20MHz BW 11ax Index 40 – RU52 – Ch.116)



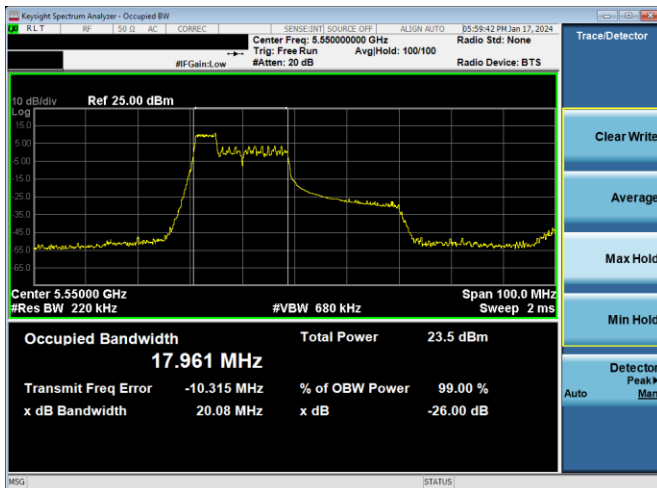
Plot 7-78. 26dB BW & 99% OBW Antenna 4a (40MHz BW 11ax Index 40 – RU52 – Ch.110)



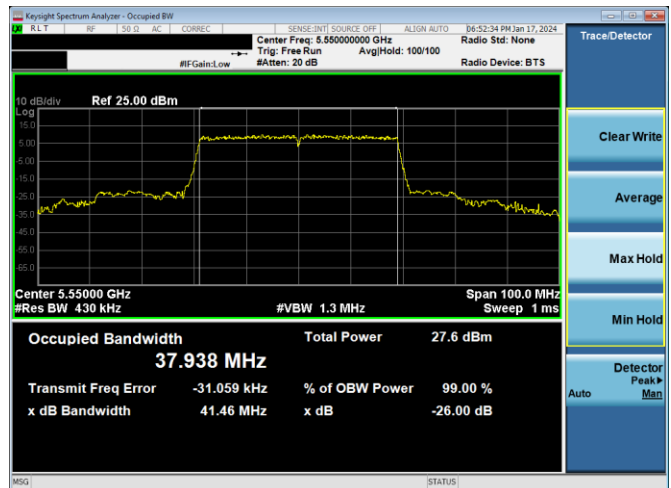
Plot 7-76. 26dB BW & 99% OBW Antenna 4a (20MHz BW 11ax – RU242 – Ch.116)



Plot 7-79. 26dB BW & 99% OBW Antenna 4a (40MHz BW 11ax Index 44 – RU52 – Ch.110)

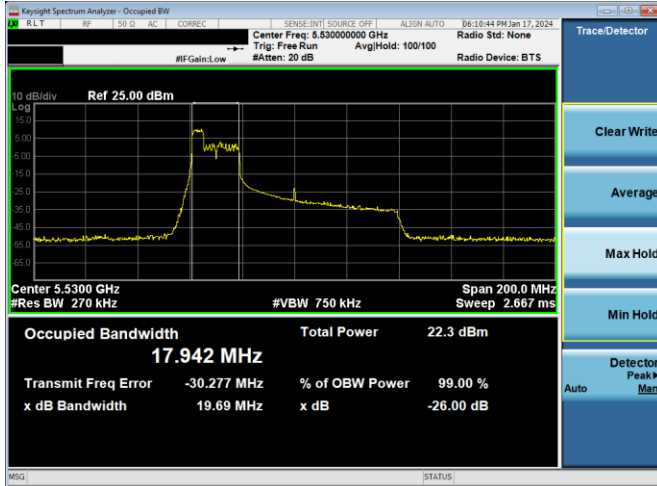


Plot 7-77. 26dB BW & 99% OBW Antenna 4a (40MHz BW 11ax Index 37 – RU52 – Ch.110)

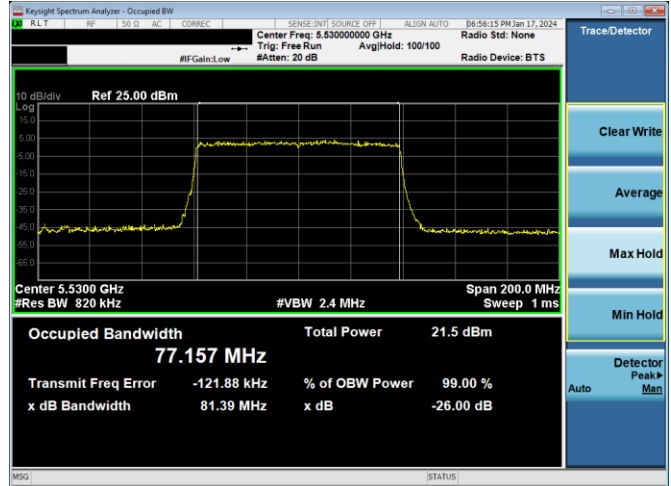


Plot 7-80. 26dB BW & 99% OBW Antenna 4a (40MHz BW 11ax – RU484 – Ch.110)

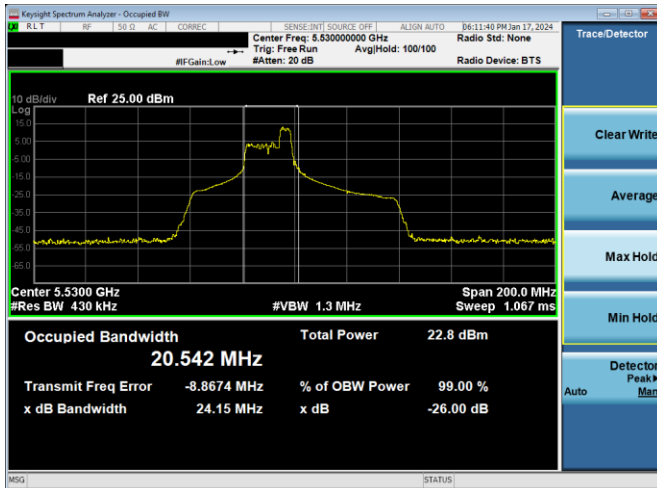
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 36 of 450



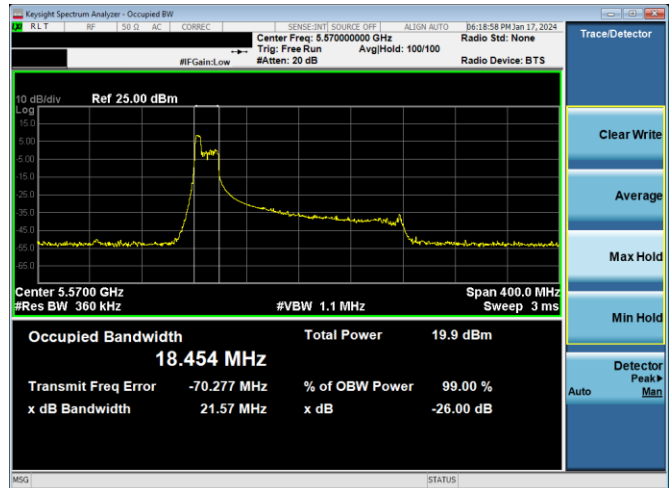
Plot 7-81. 26dB BW & 99% OBW Antenna 4a (80MHz BW 11ax Index 37 – RU52 – Ch.106)



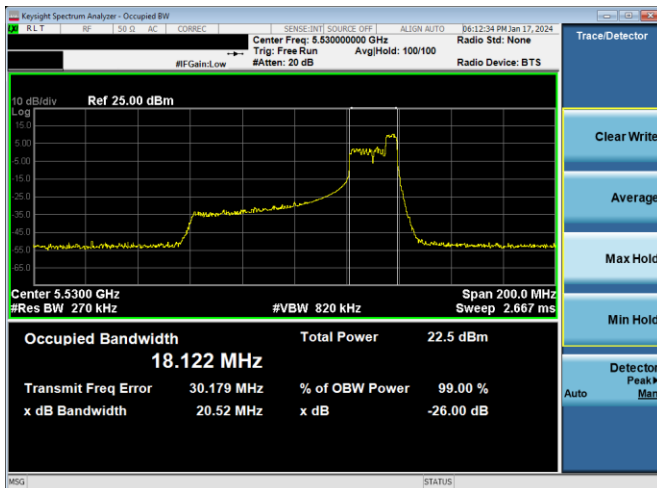
Plot 7-84. 26dB BW & 99% OBW Antenna 4a (80MHz BW 11ax – RU996 – Ch.106)



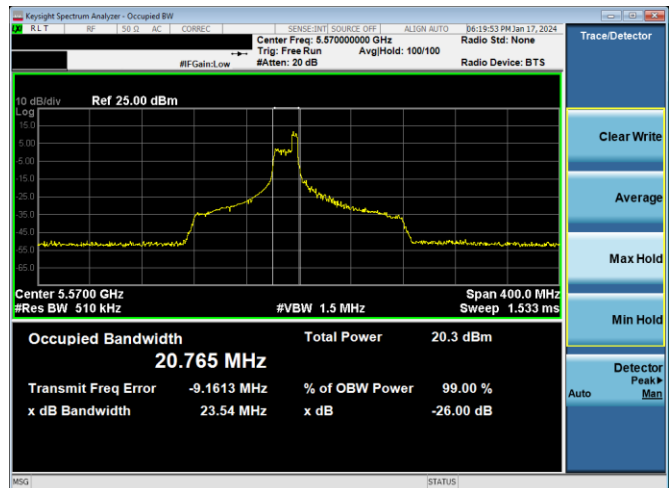
Plot 7-82. 26dB BW & 99% OBW Antenna 4a (80MHz BW 11ax Index 44 – RU52 – Ch.106)



Plot 7-85. 26dB BW & 99% OBW Antenna 4a (160MHz BW 11ax Index 37 – RU52 – Ch.114 (L))

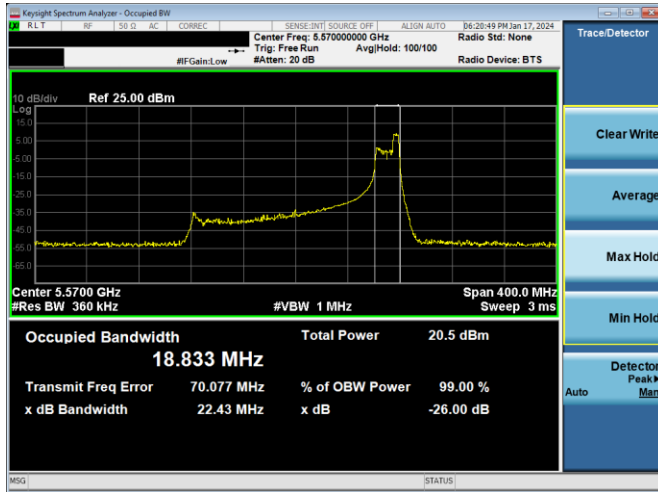


Plot 7-83. 26dB BW & 99% OBW Antenna 4a (80MHz BW 11ax Index 52 – RU52 – Ch.106)

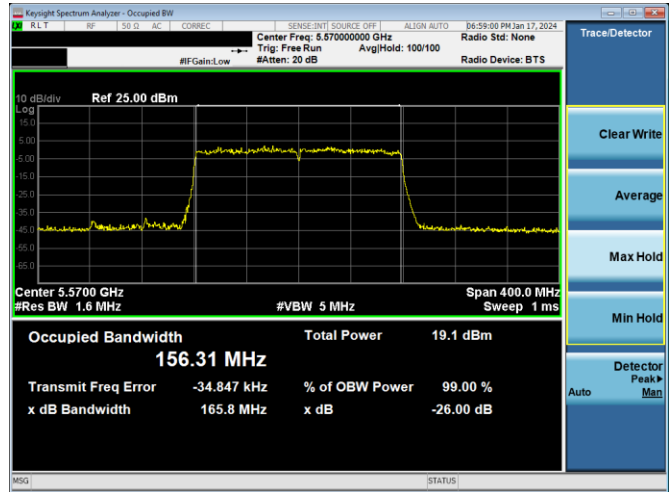


Plot 7-86. 26dB BW & 99% OBW Antenna 4a (160MHz BW 11ax Index 52 – RU52 – Ch.114 (L))

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 37 of 450



Plot 7-87. 26dB BW & 99% OBW Antenna 4a (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-88. 26dB BW & 99% OBW Antenna 4a (160MHz BW 11ax – RU996x2 – Ch.114)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 38 of 450

Antenna 2a 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)	18.21	19.52
				26	4	12.5/14.7 (MCS11)	17.02	18.11
				26	8	12.5/14.7 (MCS11)	18.35	19.55
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.24	19.80
				26	4	12.5/14.7 (MCS11)	17.00	18.06
				26	8	12.5/14.7 (MCS11)	18.37	19.66
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.24	19.56
				26	4	12.5/14.7 (MCS11)	17.02	18.07
				26	8	12.5/14.7 (MCS11)	18.34	19.59
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.01	19.76
				26	8	12.5/14.7 (MCS11)	19.71	21.70
				26	17	12.5/14.7 (MCS11)	18.23	19.99
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.10	19.45
				26	8	12.5/14.7 (MCS11)	19.81	22.01
				26	17	12.5/14.7 (MCS11)	18.20	19.73
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.93	19.21
				26	18	12.5/14.7 (MCS11)	37.38	38.50
				26	36	12.5/14.7 (MCS11)	18.17	19.59

Table 7-8. Conducted Bandwidth Measurements Antenna 2a (RU26)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 39 of 450

	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)	18.19	20.26	
				52	52	25/29.4 (MCS11)	20.74	25.77	
		50 (U)		52	52	25/29.4 (MCS11)	18.52	22.26	
Band 2A	5260	52	ax (20MHz)	52	37	25/29.4 (MCS11)	18.09	19.66	
				52	38	25/29.4 (MCS11)	17.09	18.29	
				52	40	25/29.4 (MCS11)	18.20	19.67	
	5300	60	ax (20MHz)	52	37	25/29.4 (MCS11)	18.14	19.74	
				52	38	25/29.4 (MCS11)	17.11	18.50	
				52	40	25/29.4 (MCS11)	18.20	19.59	
	5320	64	ax (20MHz)	52	37	25/29.4 (MCS11)	18.18	19.64	
				52	38	25/29.4 (MCS11)	17.11	18.45	
				52	40	25/29.4 (MCS11)	18.20	19.80	
	5270	54	ax (40MHz)	52	37	25/29.4 (MCS11)	17.93	20.11	
				52	40	25/29.4 (MCS11)	19.90	24.35	
				52	44	25/29.4 (MCS11)	18.11	20.79	
	5310	62	ax (40MHz)	52	37	25/29.4 (MCS11)	17.94	20.12	
				52	40	25/29.4 (MCS11)	19.69	24.57	
				52	44	25/29.4 (MCS11)	18.03	20.52	
	5290	58	ax (80MHz)	52	37	25/29.4 (MCS11)	17.97	19.76	
				52	44	25/29.4 (MCS11)	20.32	23.82	
				52	52	25/29.4 (MCS11)	18.04	20.43	
	Band 2C	5500	100	ax (20MHz)	52	37	25/29.4 (MCS11)	18.12	19.73
					52	38	25/29.4 (MCS11)	17.10	18.44
					52	40	25/29.4 (MCS11)	18.23	19.77
5580		116	ax (20MHz)	52	37	25/29.4 (MCS11)	18.15	19.69	
				52	38	25/29.4 (MCS11)	17.10	18.39	
				52	40	25/29.4 (MCS11)	18.23	19.78	
5720		144	ax (20MHz)	52	37	25/29.4 (MCS11)	18.14	19.80	
				52	38	25/29.4 (MCS11)	17.08	18.32	
				52	40	25/29.4 (MCS11)	18.20	19.82	
5510		102	ax (40MHz)	52	37	25/29.4 (MCS11)	17.91	20.02	
				52	40	25/29.4 (MCS11)	19.42	22.63	
				52	44	25/29.4 (MCS11)	18.04	20.36	
5550		110	ax (40MHz)	52	37	25/29.4 (MCS11)	17.90	19.98	
				52	40	25/29.4 (MCS11)	19.84	23.94	
				52	44	25/29.4 (MCS11)	18.11	20.56	
5710		142	ax (40MHz)	52	37	25/29.4 (MCS11)	17.92	20.04	
				52	40	25/29.4 (MCS11)	19.84	24.39	
				52	44	25/29.4 (MCS11)	18.06	20.53	
5530		106	ax (80MHz)	52	37	25/29.4 (MCS11)	17.90	19.70	
				52	44	25/29.4 (MCS11)	20.57	24.29	
				52	52	25/29.4 (MCS11)	18.09	20.39	
5610*		122	ax (80MHz)	52	37	25/29.4 (MCS11)	17.94	19.71	
				52	44	25/29.4 (MCS11)	20.11	24.42	
				52	52	25/29.4 (MCS11)	18.08	20.43	
5690		138	ax (80MHz)	52	37	25/29.4 (MCS11)	17.92	19.76	
				52	44	25/29.4 (MCS11)	20.47	24.03	
				52	52	25/29.4 (MCS11)	18.03	19.85	
5570*	114 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	18.33	21.06		
			52	52	25/29.4 (MCS11)	20.42	23.88		
	114 (U)		52	52	25/29.4 (MCS11)	18.81	22.22		

Table 7-9. Conducted Bandwidth Measurements Antenna 2a (RU52)

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

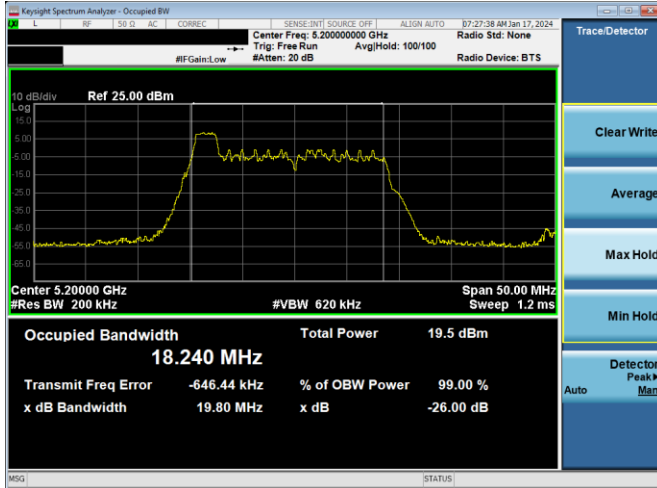
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 40 of 450

	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	20.97
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.09	21.25
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.07	21.25
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.00	41.69
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.16	50.80
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.12	81.67
Band 1/2A	5250	50	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	157.15	166.05
Band 2A	5260	52	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.12	22.29
	5300	60	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.09	21.35
	5320	64	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	21.28
	5270	54	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.23	50.83
	5310	62	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.97	41.34
	5290	58	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.26	81.26
Band 2C	5500	100	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	21.20
	5580	116	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.06	21.32
	5720	144	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.07	21.28
	5510	102	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.97	41.86
	5550	110	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.98	41.15
	5710	142	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.02	42.08
	5530	106	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.24	81.62
	5610*	122	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.11	81.77
	5690	138	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.26	98.21
	5570*	114	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.44	166.25

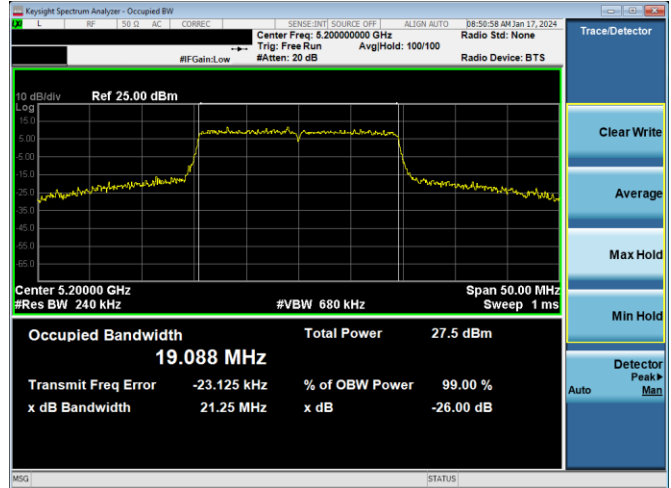
Table 7-10. Conducted Bandwidth Measurements Antenna 2a (Fully-loaded RU)

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

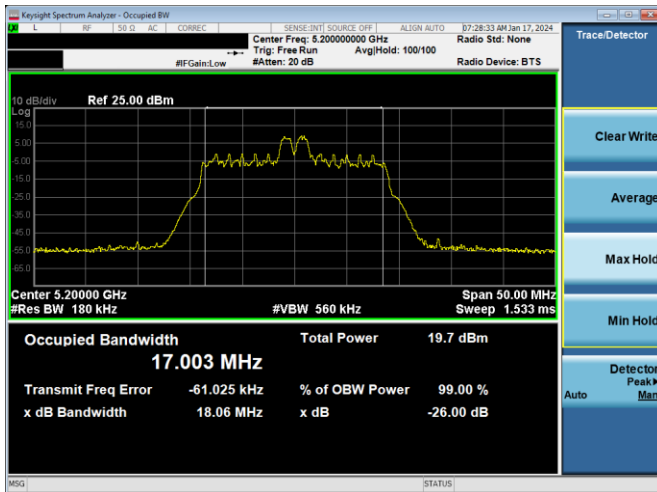
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 41 of 450



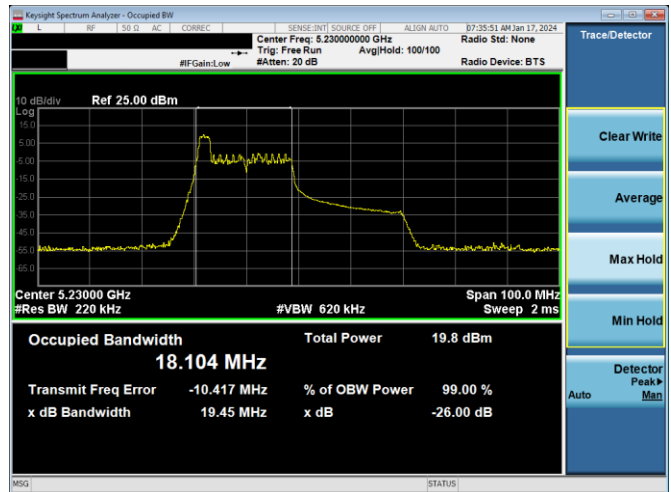
Plot 7-89. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax Index 0 – RU26 – Ch.40)



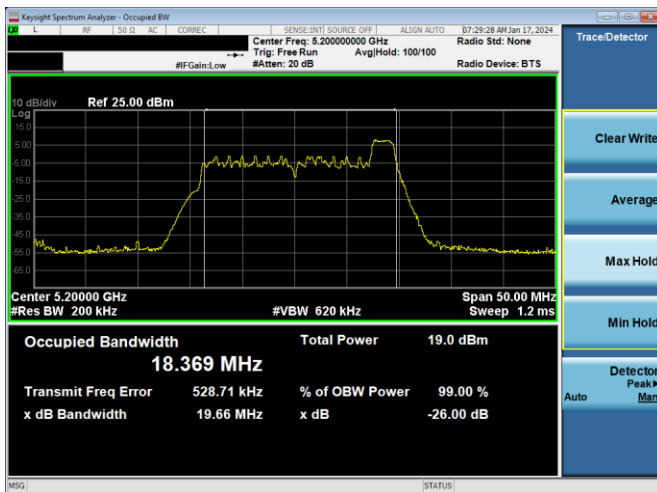
Plot 7-92. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax– RU242 – Ch.40)



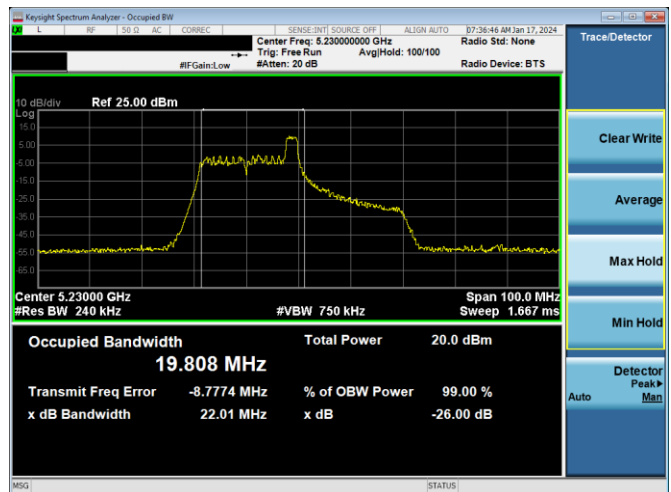
Plot 7-90. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax Index 4 – RU26 – Ch.40)



Plot 7-93. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax Index 0 – RU26 – Ch.46)

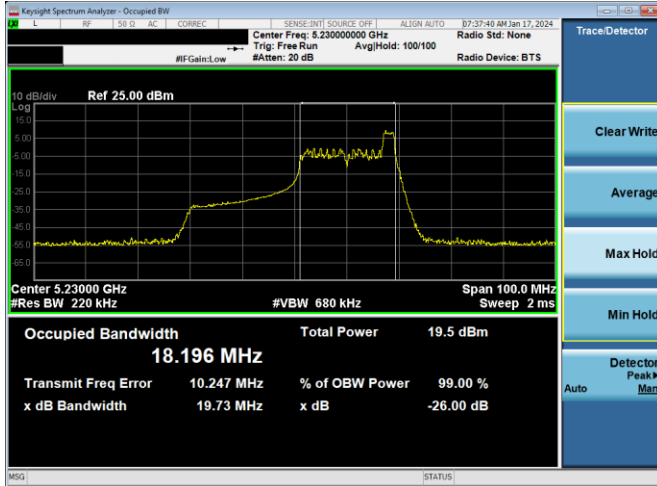


Plot 7-91. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax Index 8 – RU26 – Ch.40)

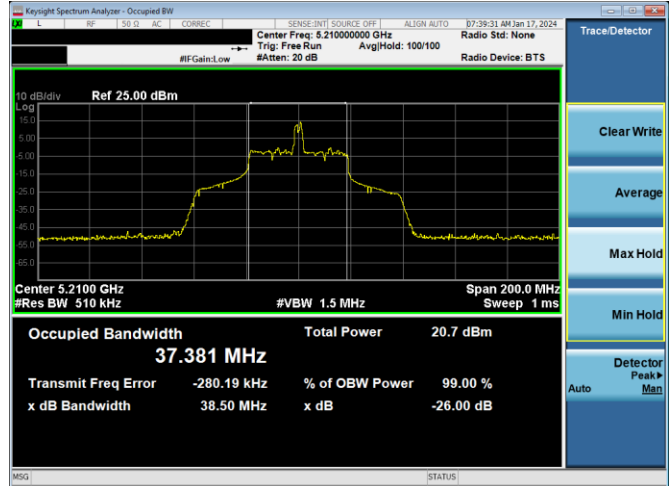


Plot 7-94. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax Index 8 – RU26 – Ch.46)

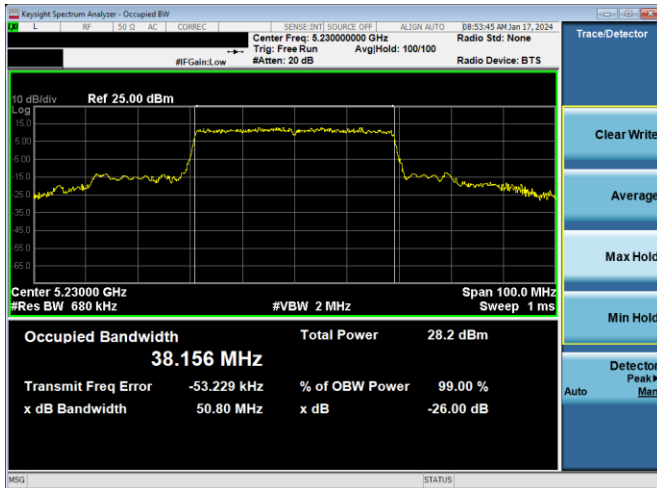
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 42 of 450



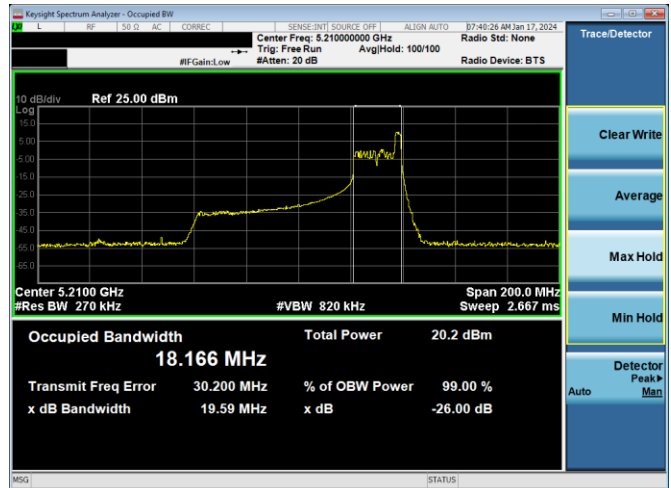
Plot 7-95. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax Index 17 – RU26 – Ch.46)



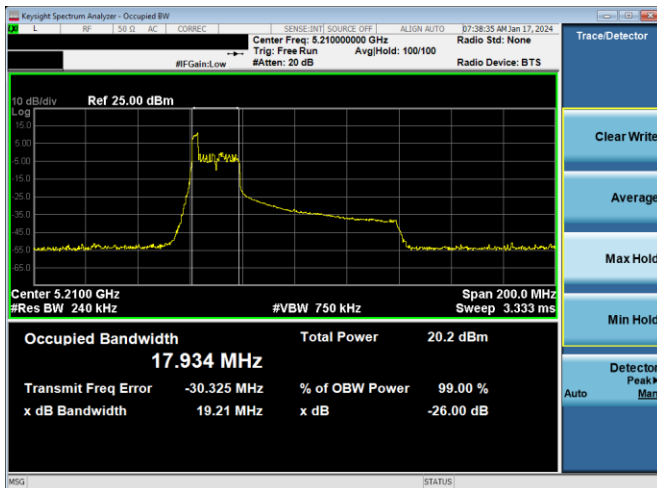
Plot 7-98. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax Index 18 – RU26 – Ch.42)



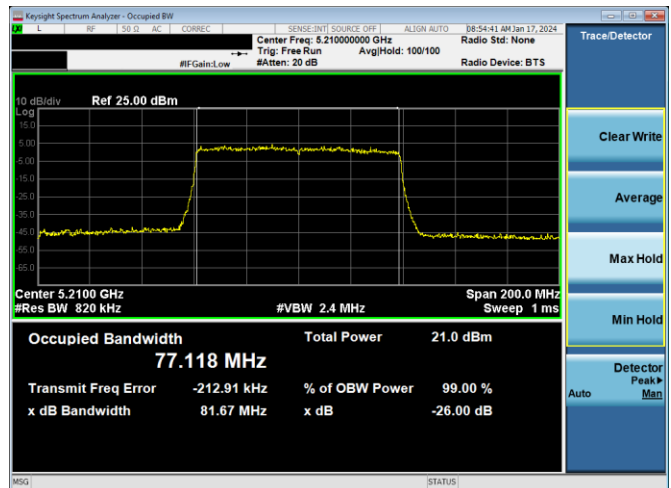
Plot 7-96. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax – RU484 – Ch.46)



Plot 7-99. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax Index 36 – RU26 – Ch.42)



Plot 7-97. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax Index 0 – RU26 – Ch.42)

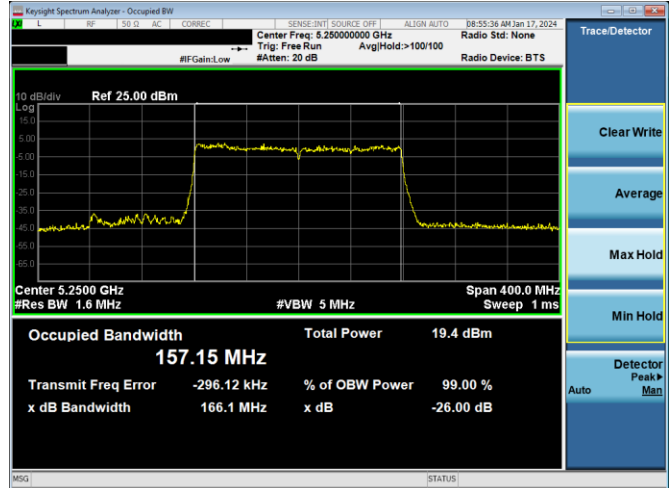


Plot 7-100. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax – RU996 – Ch.42)

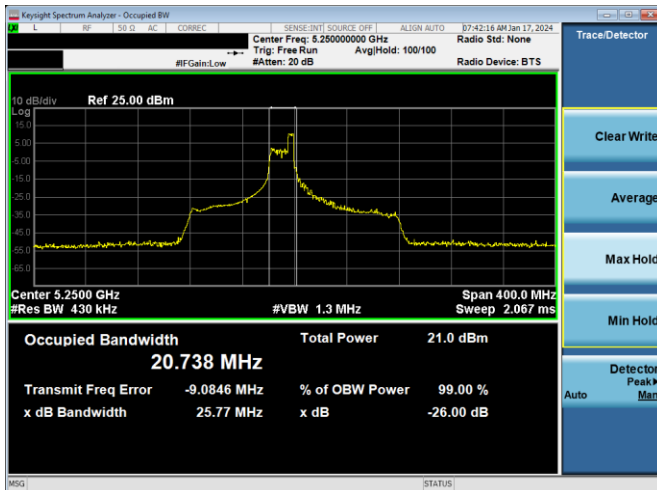
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 43 of 450



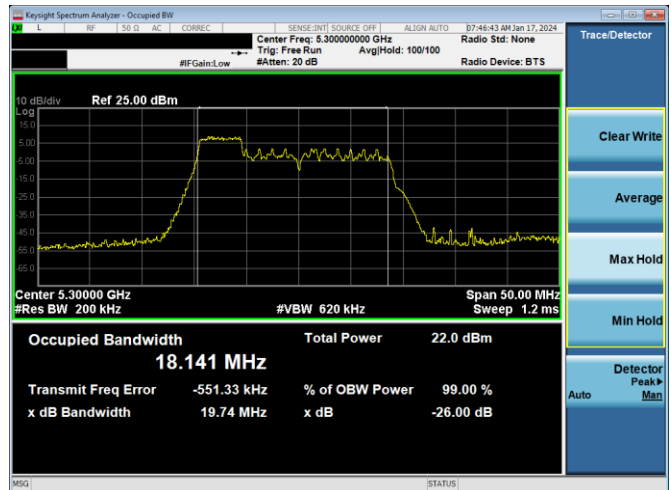
Plot 7-101. 26dB BW & 99% OBW Antenna 2a (160MHz BW 11ax Index 37 – RU52 – Ch.50 (L))



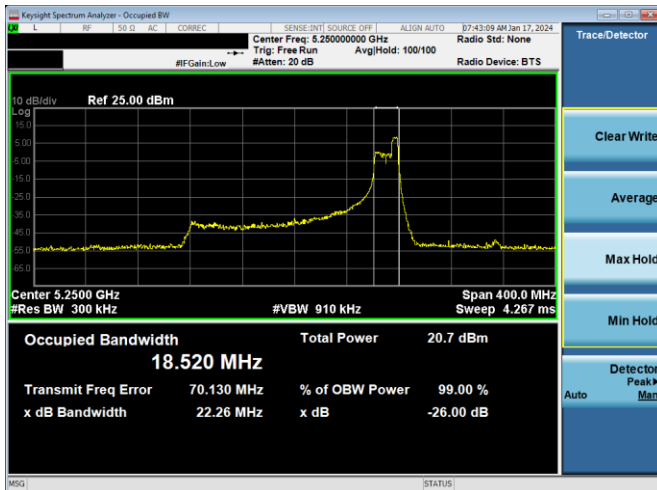
Plot 7-104. 26dB BW & 99% OBW Antenna 2a (160MHz BW 11ax – RU996x2 – Ch.50)



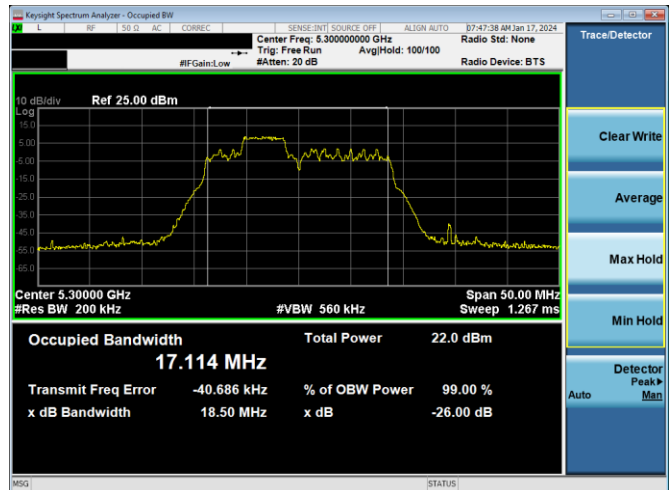
Plot 7-102. 26dB BW & 99% OBW Antenna 2a (160MHz BW 11ax Index 52 – RU52 – Ch.50 (L))



Plot 7-105. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax Index 37 – RU52 – Ch.60)

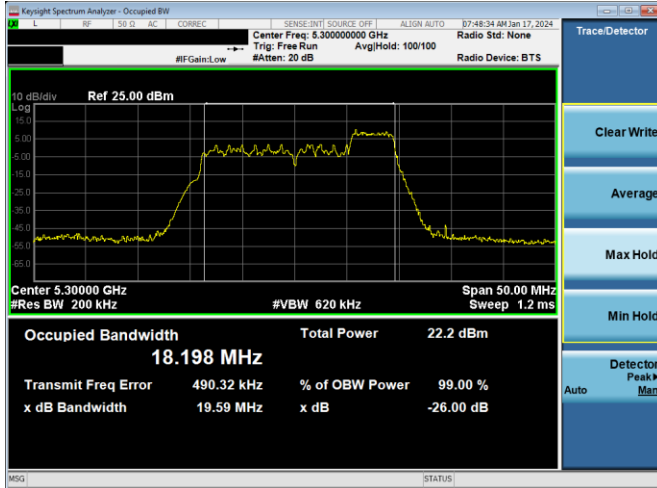


Plot 7-103. 26dB BW & 99% OBW Antenna 2a (160MHz BW 11ax Index 52 – RU52 – Ch.50 (U))

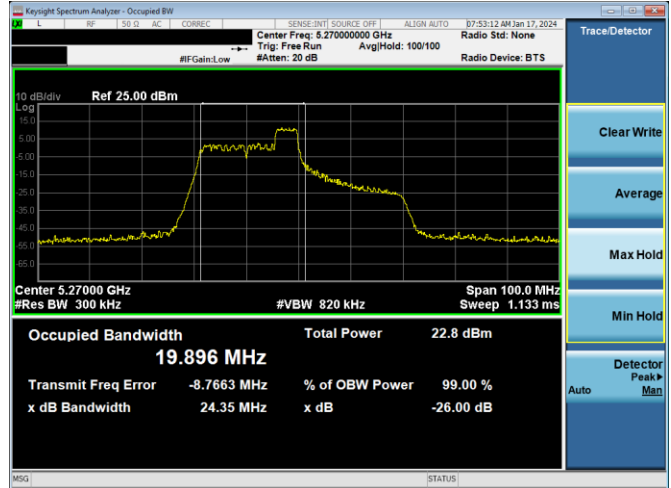


Plot 7-106. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax Index 38 – RU52 – Ch.60)

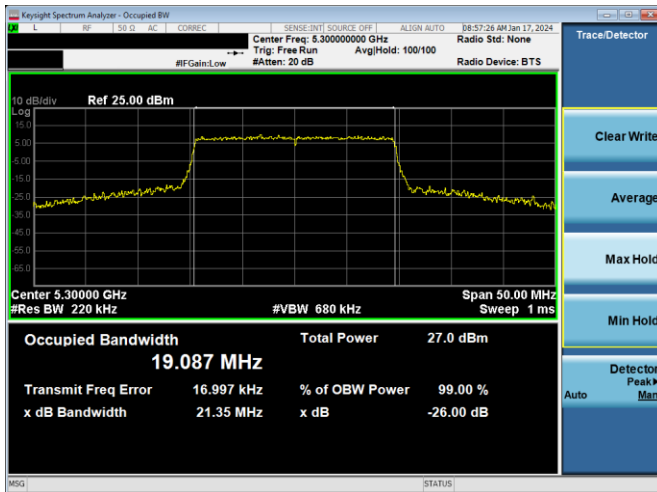
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 44 of 450



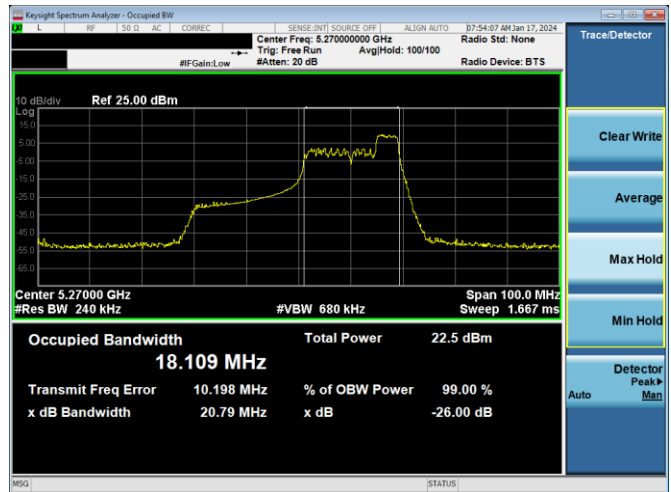
Plot 7-107. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax Index 40 – RU52 – Ch.60)



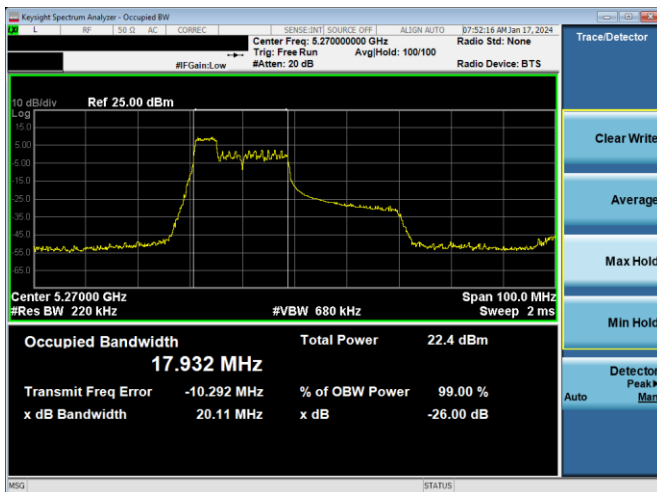
Plot 7-110. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax Index 40 – RU52 – Ch.54)



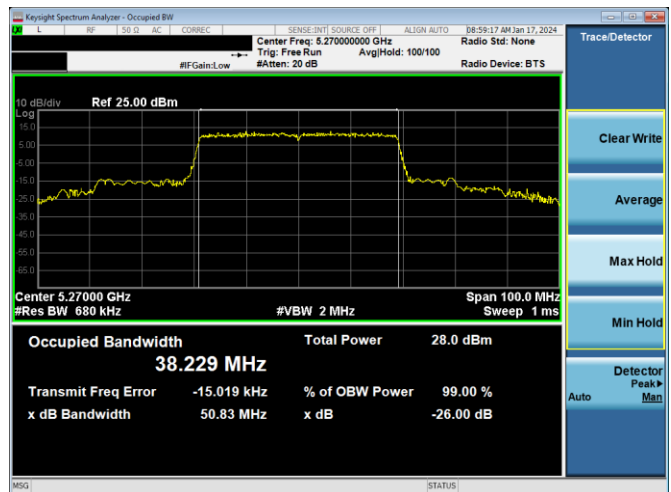
Plot 7-108. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax – RU242 – Ch.60)



Plot 7-111. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax Index 44 – RU52 – Ch.54)



Plot 7-109. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax Index 37 – RU52 – Ch.54)

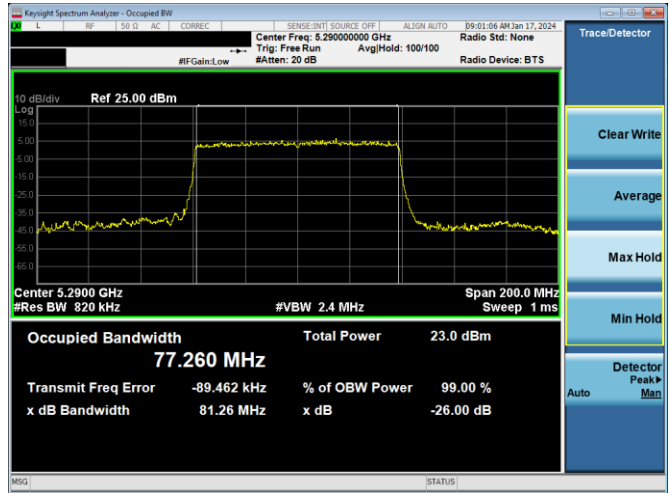


Plot 7-112. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax – RU484 – Ch.54)

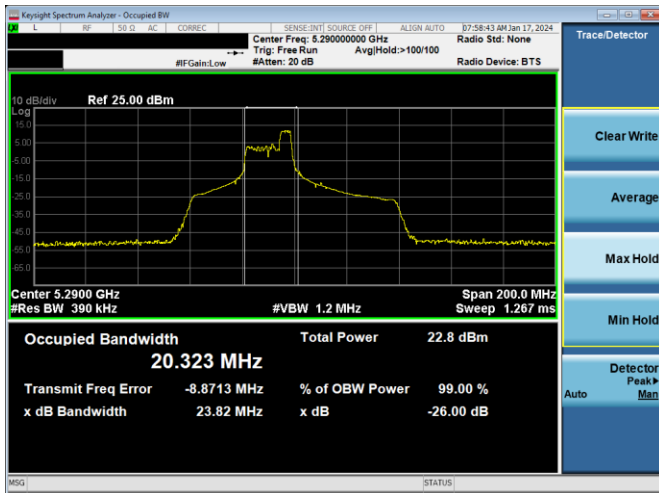
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 45 of 450



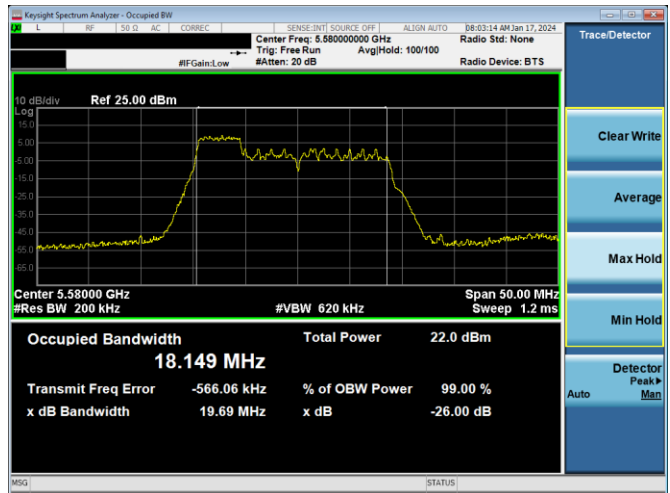
Plot 7-113. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax Index 37 – RU52 – Ch.58)



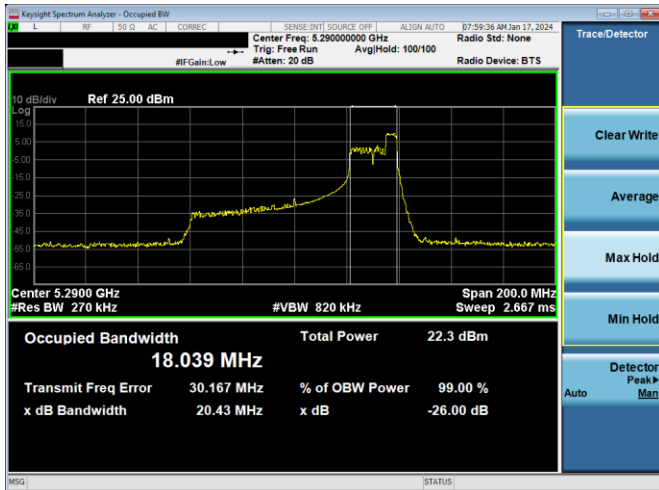
Plot 7-116. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax – RU996 – Ch.58)



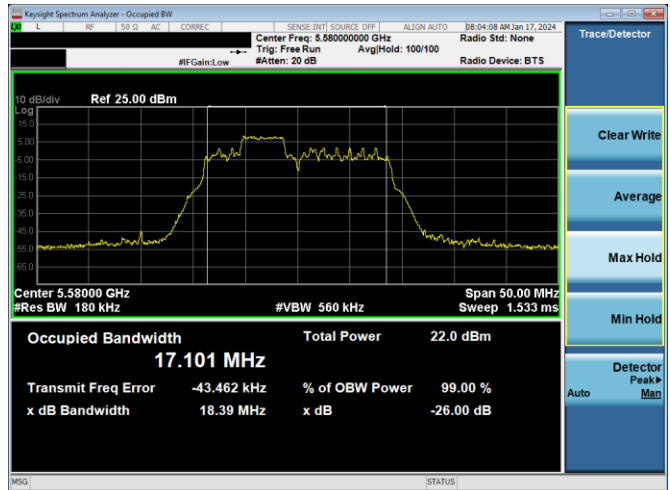
Plot 7-114. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax Index 44 – RU52 – Ch.58)



Plot 7-117. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax Index 37 – RU52 – Ch.116)

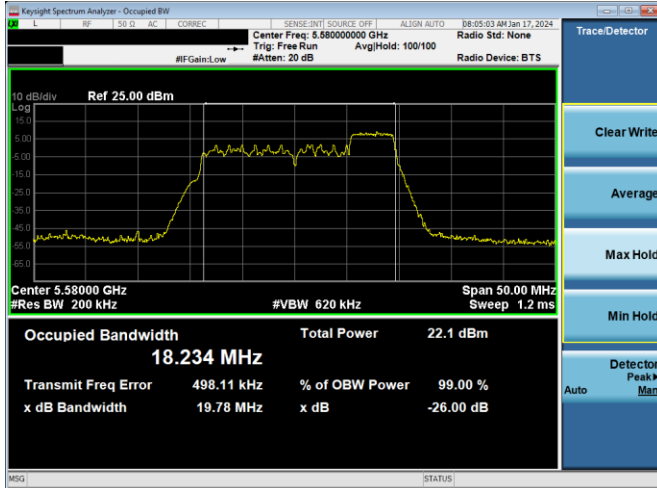


Plot 7-115. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax Index 52 – RU52 – Ch.58)



Plot 7-118. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax Index 38 – RU52 – Ch.116)

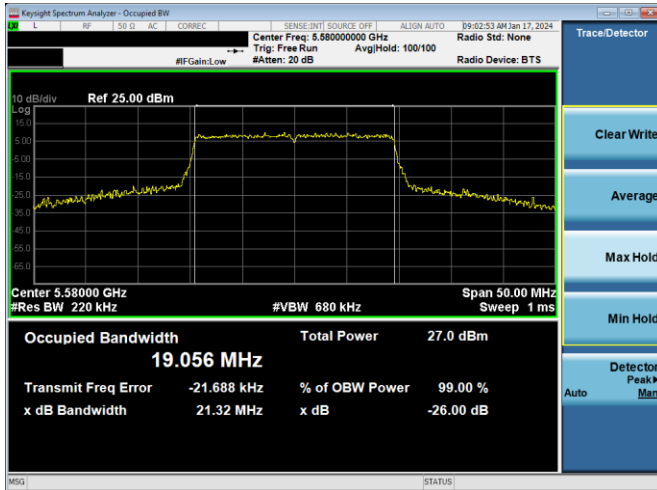
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 46 of 450



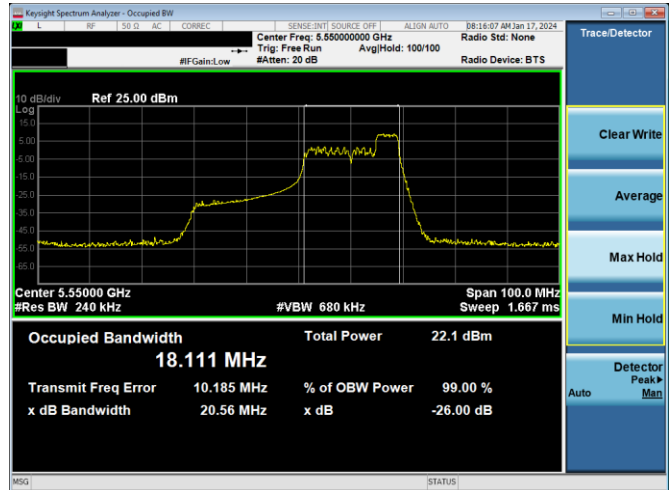
Plot 7-119. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax Index 40 – RU52 – Ch.116)



Plot 7-122. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax Index 40 – RU52 – Ch.110)



Plot 7-120. 26dB BW & 99% OBW Antenna 2a (20MHz BW 11ax – RU242 – Ch.116)



Plot 7-123. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax Index 44 – RU52 – Ch.110)

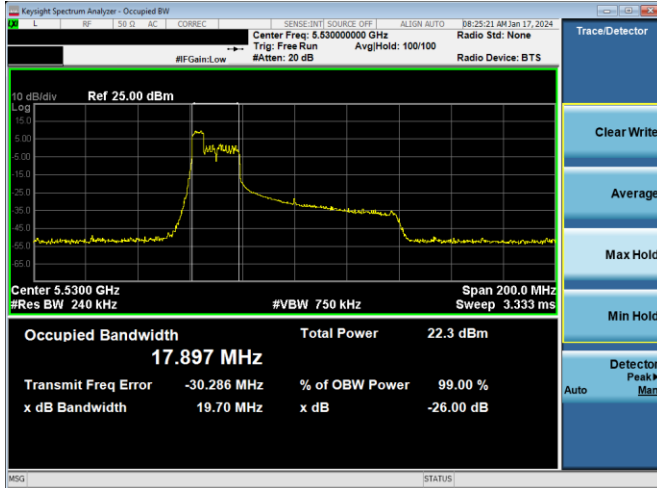


Plot 7-121. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax Index 37 – RU52 – Ch.110)

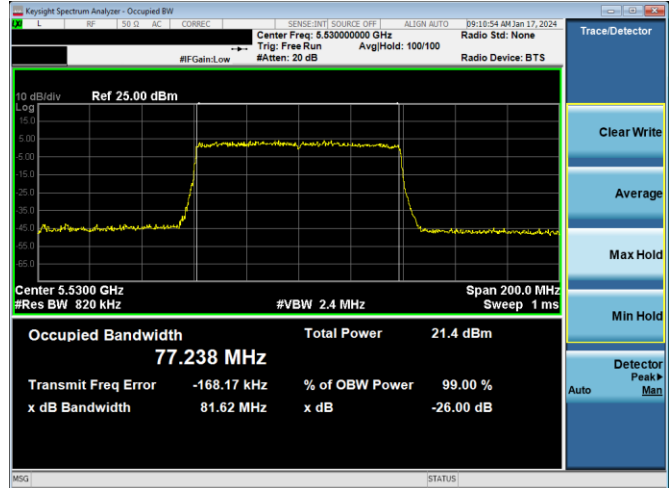


Plot 7-124. 26dB BW & 99% OBW Antenna 2a (40MHz BW 11ax – RU484 – Ch.110)

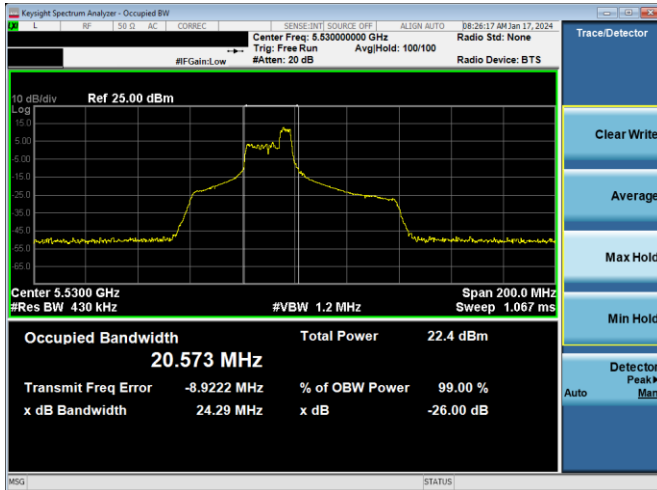
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 47 of 450



Plot 7-125. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax Index 37 – RU52 – Ch.106)



Plot 7-128. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax – RU96 – Ch.106)



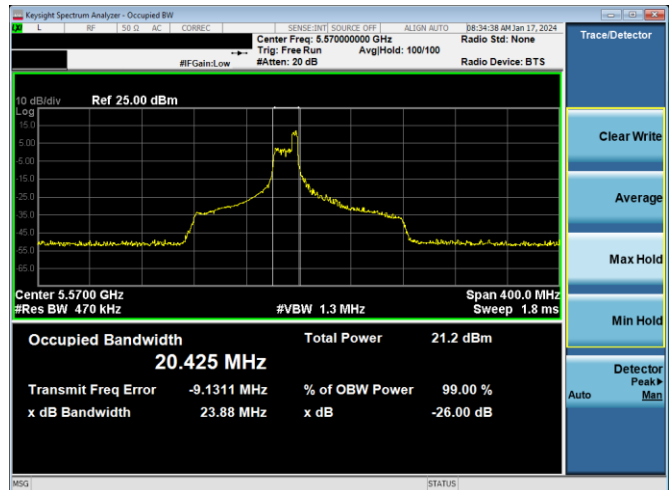
Plot 7-126. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax Index 44 – RU52 – Ch.106)



Plot 7-129. 26dB BW & 99% OBW Antenna 2a (160MHz BW 11ax Index 37 – RU52 – Ch.114 (L))

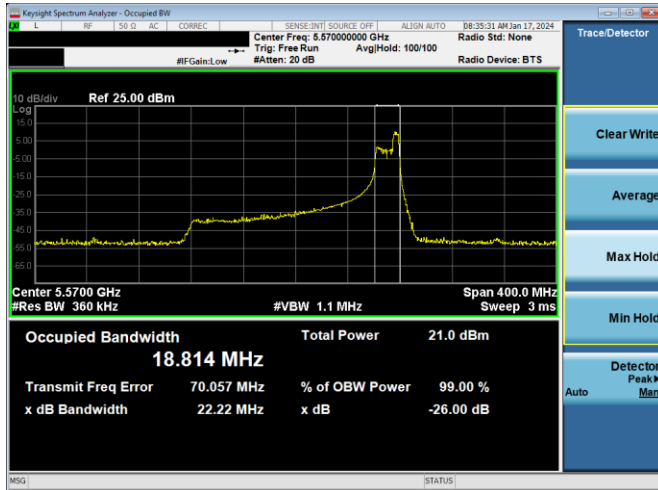


Plot 7-127. 26dB BW & 99% OBW Antenna 2a (80MHz BW 11ax Index 52 – RU52 – Ch.106)

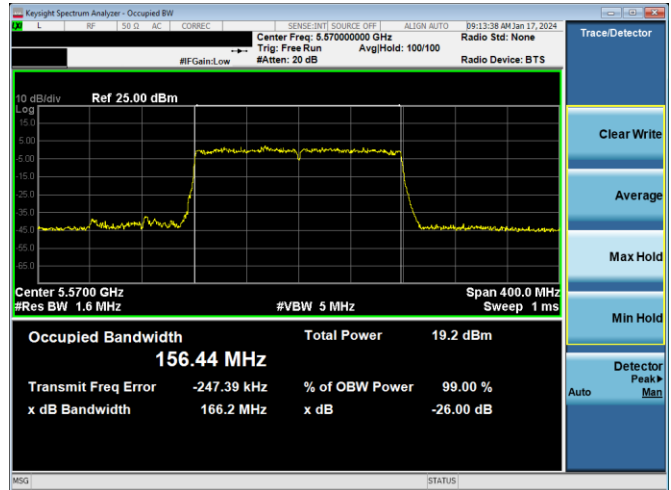


Plot 7-130. 26dB BW & 99% OBW Antenna 2a (160MHz BW 11ax Index 52 – RU52 – Ch.114 (L))

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-131. 26dB BW & 99% OBW Antenna 2a (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-132. 26dB BW & 99% OBW Antenna 2a (160MHz BW 11ax – RU996x2 – Ch.114)

FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 49 of 450

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 ≥ 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: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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V 10.5 12/15/2021

Antenna WF5B 6dB & 99% Bandwidth Measurements

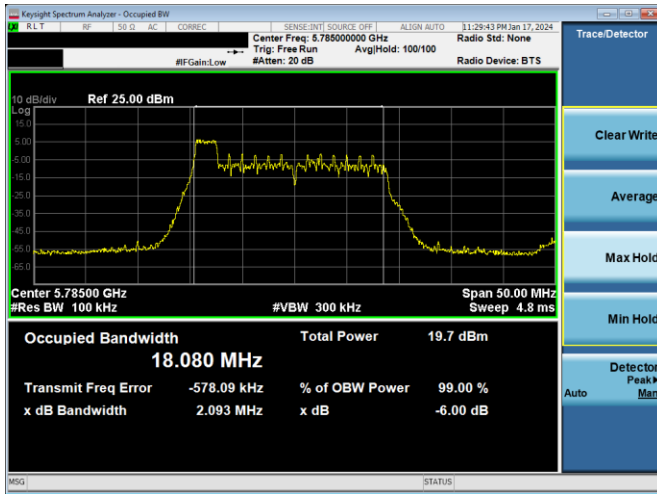
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.07	2.11	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.04	2.70	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.18	2.12	0.50	Pass
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.08	2.09	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.00	2.70	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.22	2.10	0.50	Pass
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.08	2.09	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.04	2.71	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.18	2.14	0.50	Pass
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.81	2.14	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.83	2.11	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.96	2.13	0.50	Pass
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.84	2.21	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.86	2.16	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.98	2.15	0.50	Pass
5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.86	2.29	0.50	Pass	
			26	18	12.5/14.7 (MCS11)	36.76	2.87	0.50	Pass	
			26	36	12.5/14.7 (MCS11)	17.96	2.24	0.50	Pass	

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

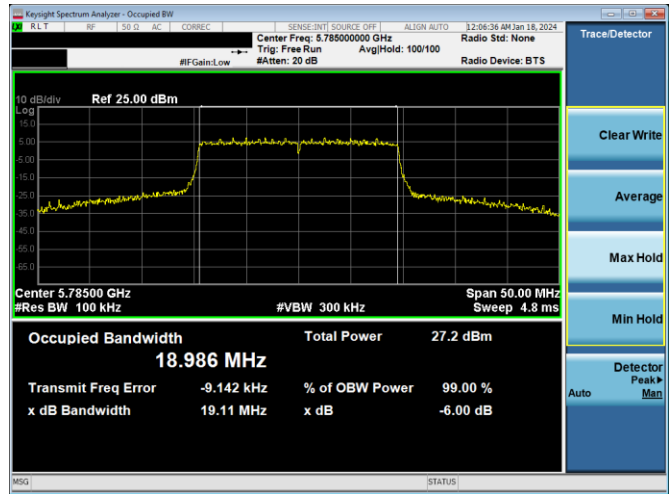
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.99	19.14	0.50	Pass
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.99	19.11	0.50	Pass
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.99	19.13	0.50	Pass
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.87	38.21	0.50	Pass
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.90	38.25	0.50	Pass
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.04	78.09	0.50	Pass

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

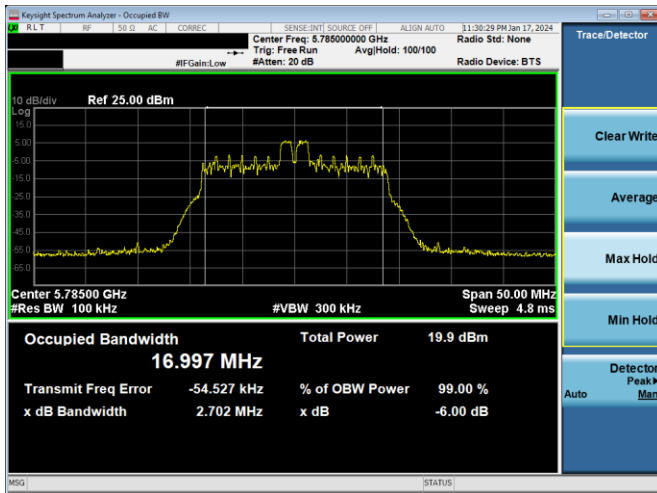
FCC ID: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 51 of 450



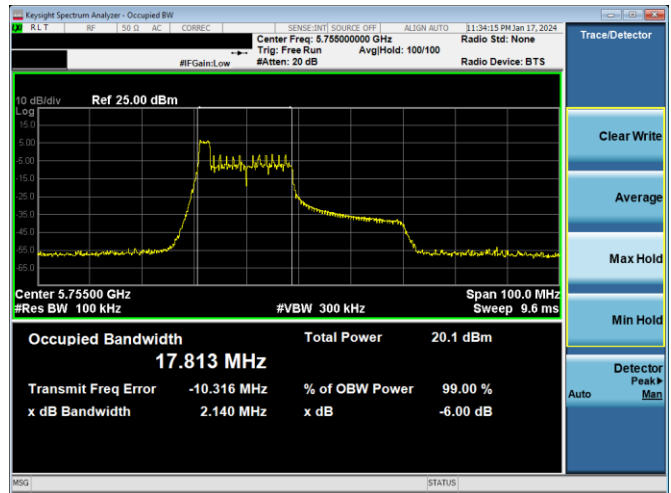
Plot 7-133. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax Index 0 – RU26 – Ch.157)



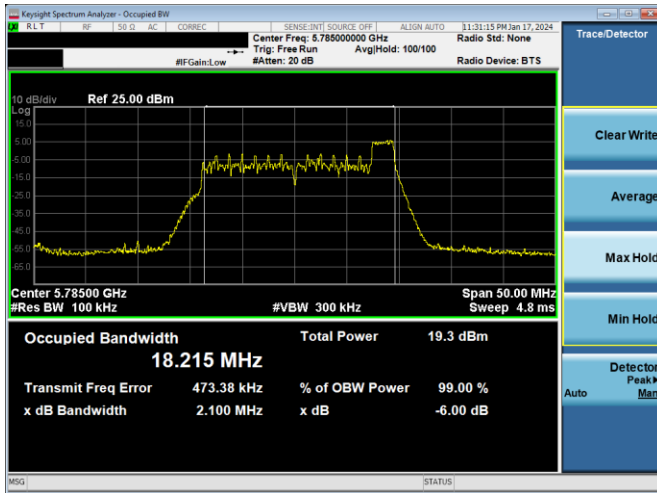
Plot 7-136. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax – RU242 – Ch.157)



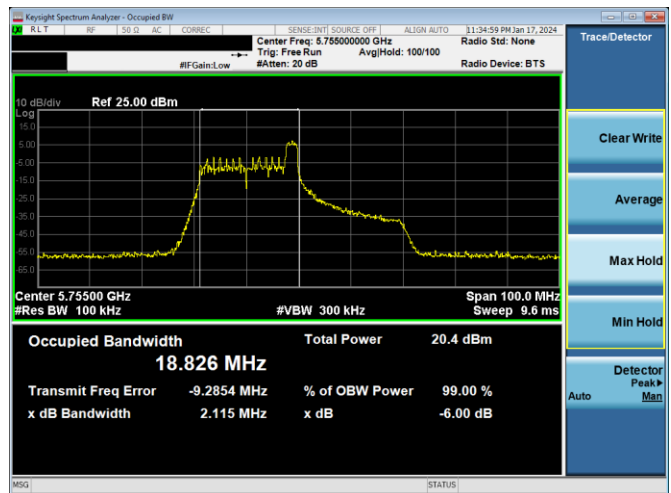
Plot 7-134. 6dB BW & 99% OBW Antenna WF5B (20MHz BW 11ax Index 4 – RU26 – Ch.157)



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: BCGA2926 IC: 579C-A2926		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270070-23-R2.BCG	Test Dates: 1/3/2024 - 3/24/2024	EUT Type: Tablet Device	Page 52 of 450