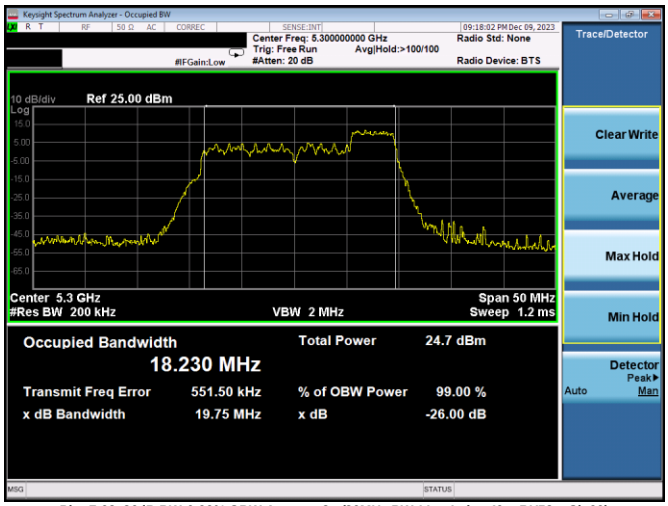
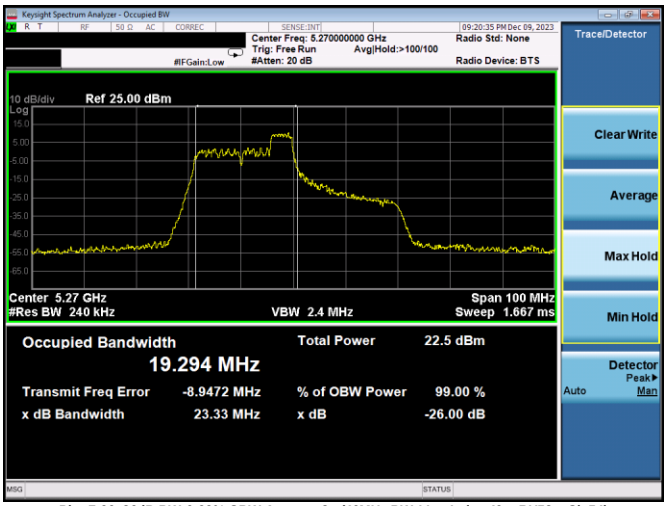
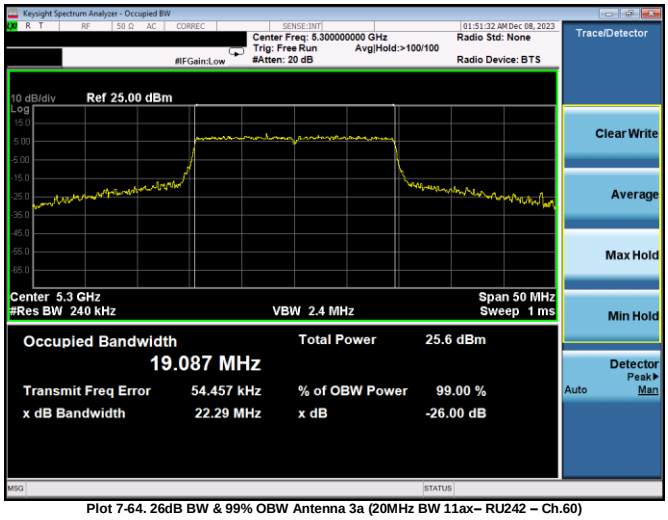


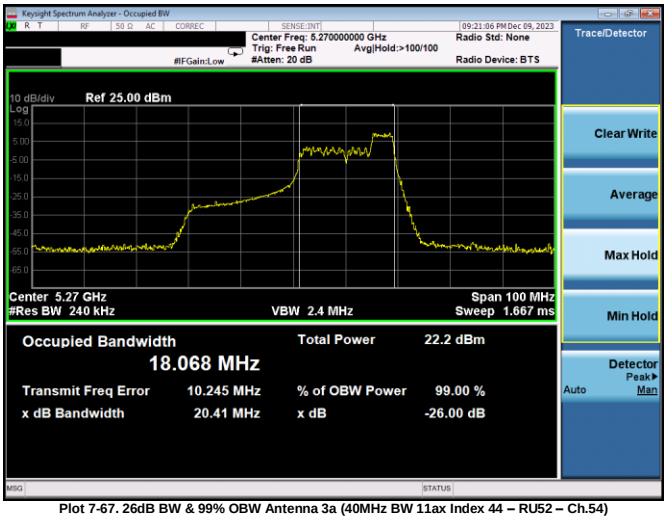
Plot 7-63. 26dB BW & 99% OBW Antenna 3a (20MHz BW 11ax Index 40 – RU52 – Ch.60)



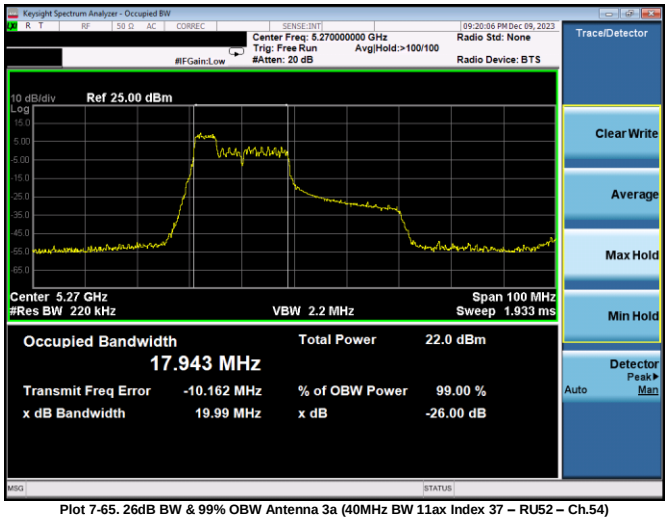
Plot 7-66. 26dB BW & 99% OBW Antenna 3a (40MHz BW 11ax Index 40 – RU52 – Ch.54)



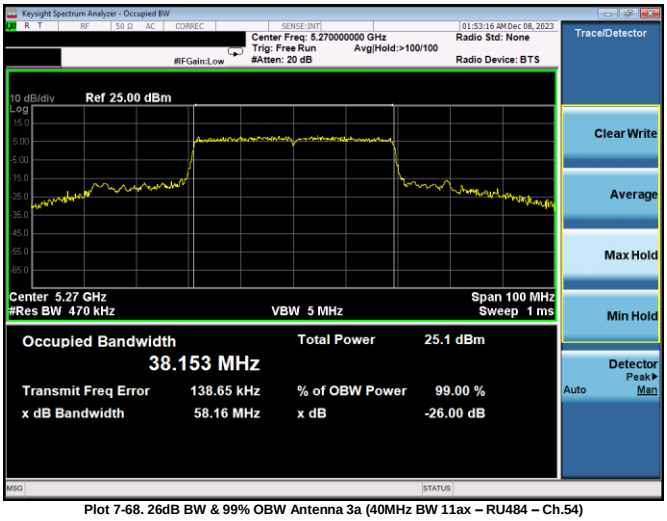
Plot 7-64. 26dB BW & 99% OBW Antenna 3a (20MHz BW 11ax– RU242 – Ch.60)



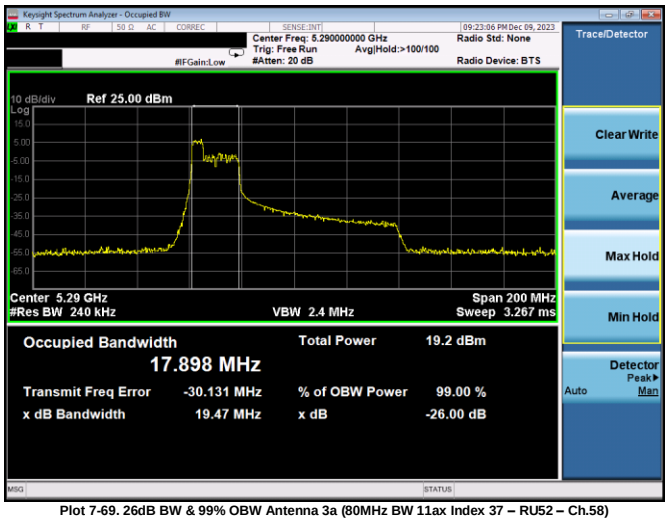
Plot 7-67. 26dB BW & 99% OBW Antenna 3a (40MHz BW 11ax Index 44 – RU52 – Ch.54)



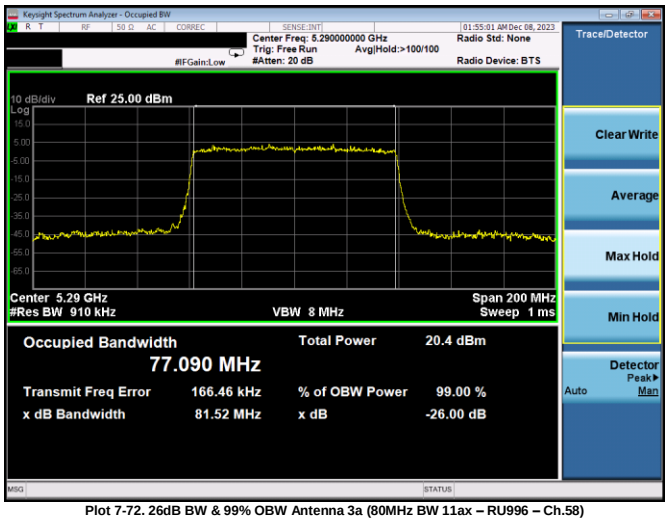
Plot 7-65. 26dB BW & 99% OBW Antenna 3a (40MHz BW 11ax Index 37 – RU52 – Ch.54)



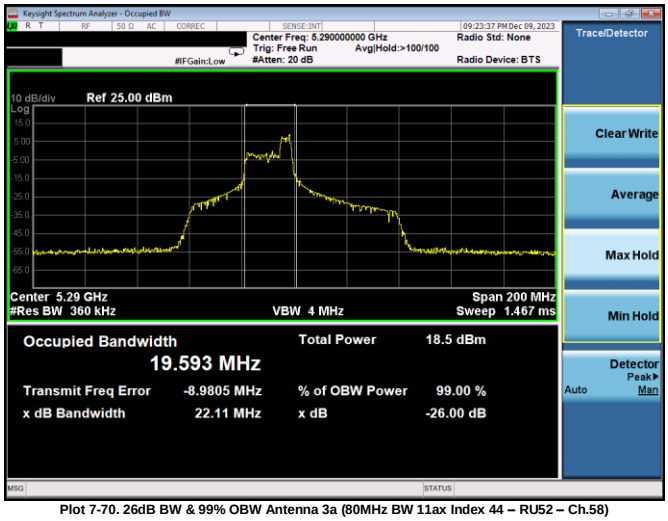
Plot 7-68. 26dB BW & 99% OBW Antenna 3a (40MHz BW 11ax – RU484 – Ch.54)



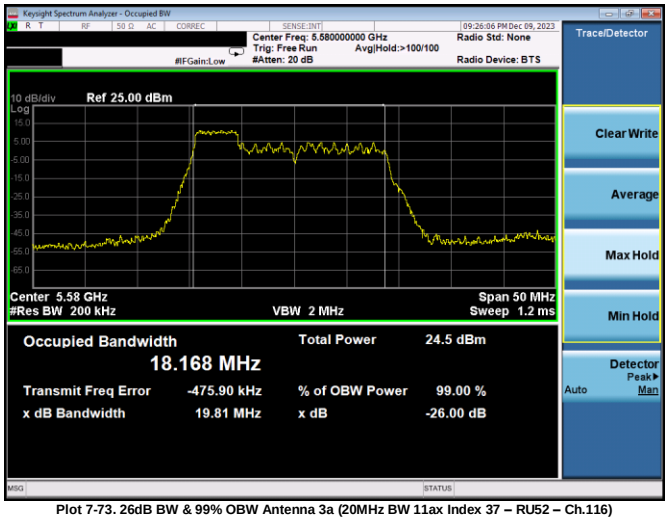
Plot 7-69. 26dB BW & 99% OBW Antenna 3a (80MHz BW 11ax Index 37 – RU52 – Ch.58)



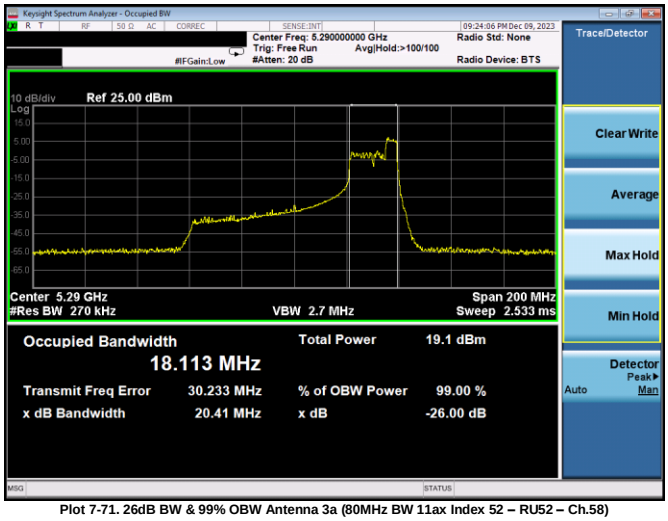
Plot 7-72. 26dB BW & 99% OBW Antenna 3a (80MHz BW 11ax – RU996 – Ch.58)



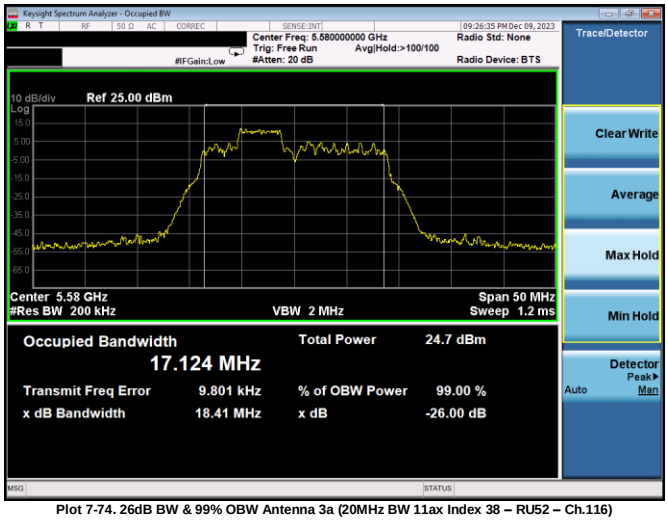
Plot 7-70. 26dB BW & 99% OBW Antenna 3a (80MHz BW 11ax Index 44 – RU52 – Ch.58)



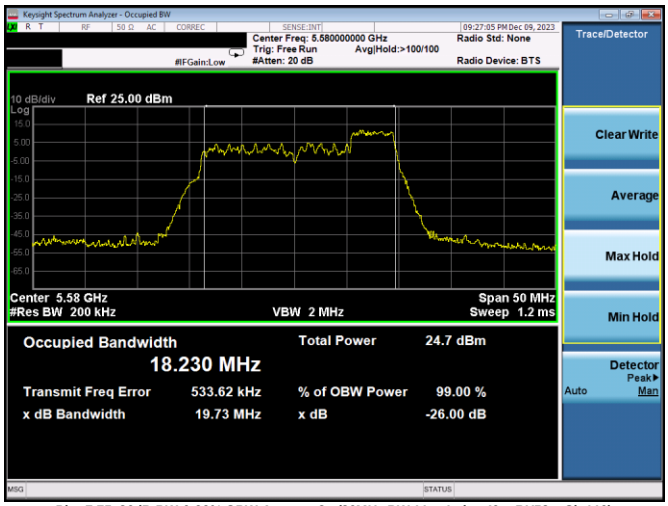
Plot 7-73. 26dB BW & 99% OBW Antenna 3a (20MHz BW 11ax Index 37 – RU52 – Ch.116)



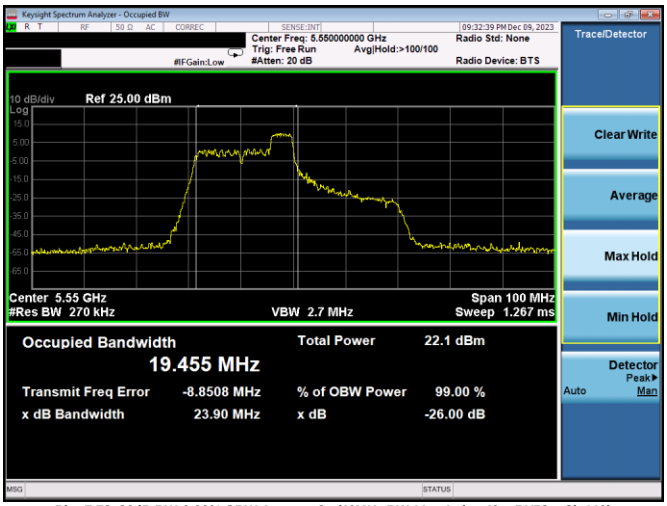
Plot 7-71. 26dB BW & 99% OBW Antenna 3a (80MHz BW 11ax Index 52 – RU52 – Ch.58)



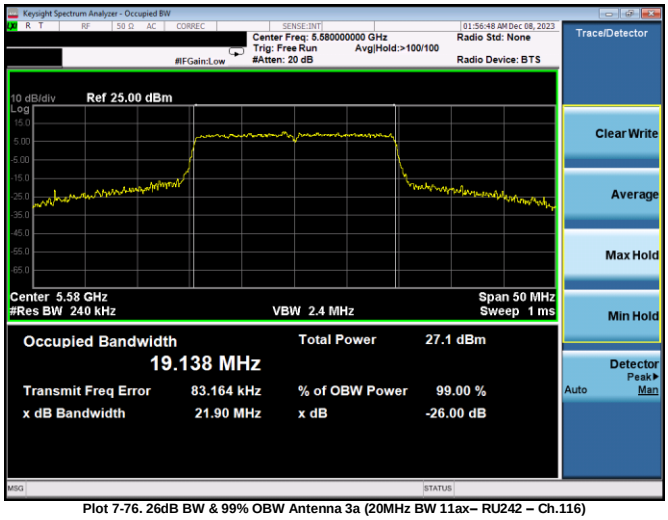
Plot 7-74. 26dB BW & 99% OBW Antenna 3a (20MHz BW 11ax Index 38 – RU52 – Ch.116)



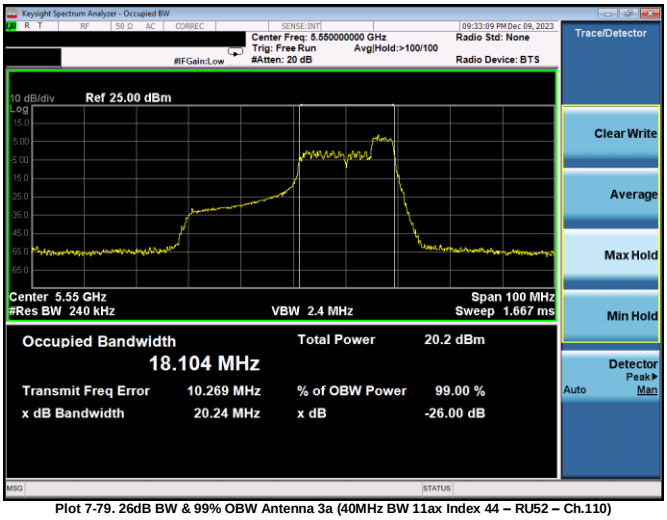
Plot 7-75. 26dB BW & 99% OBW Antenna 3a (20MHz BW 11ax Index 40 – RU52 – Ch.116)



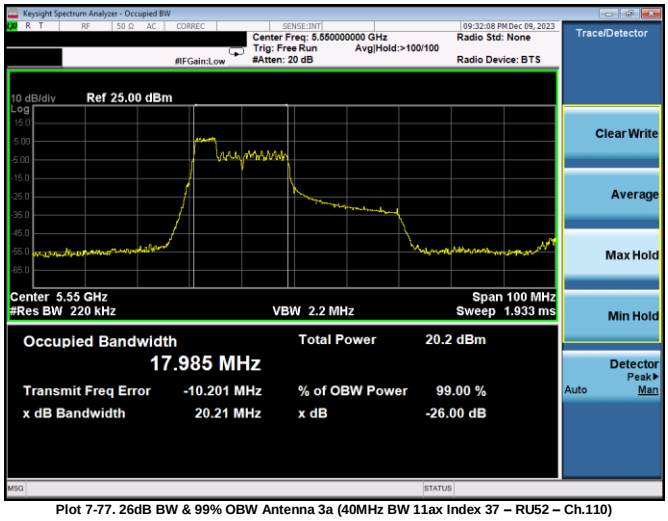
Plot 7-78. 26dB BW & 99% OBW Antenna 3a (40MHz BW 11ax Index 40 – RU52 – Ch.110)



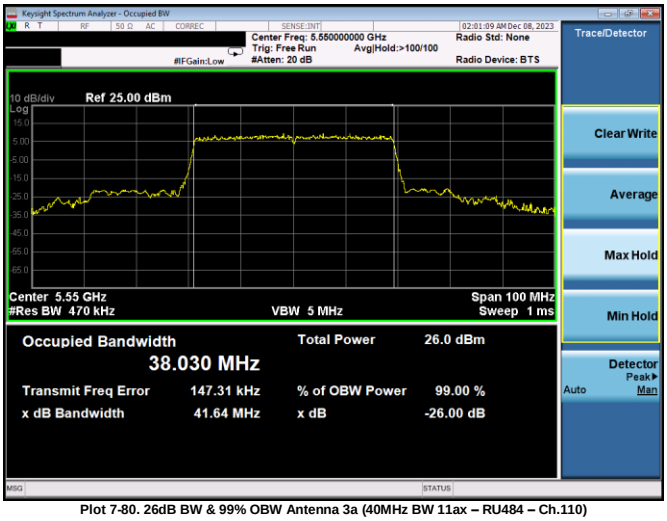
Plot 7-76. 26dB BW & 99% OBW Antenna 3a (20MHz BW 11ax– RU242 – Ch.116)



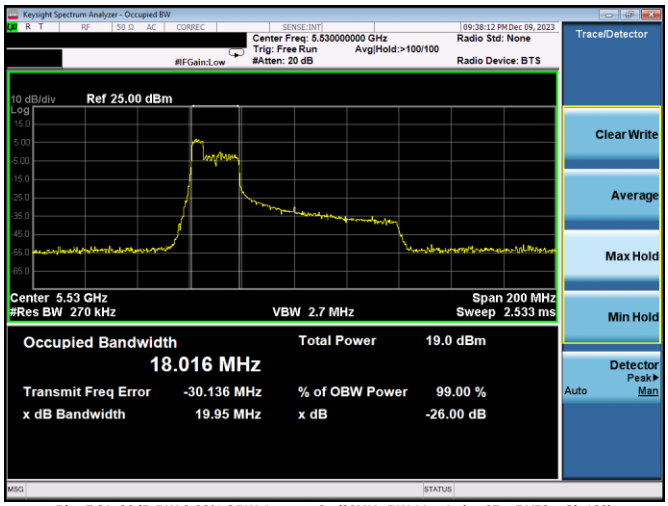
Plot 7-79. 26dB BW & 99% OBW Antenna 3a (40MHz BW 11ax Index 44 – RU52 – Ch.110)



Plot 7-77. 26dB BW & 99% OBW Antenna 3a (40MHz BW 11ax Index 37 – RU52 – Ch.110)

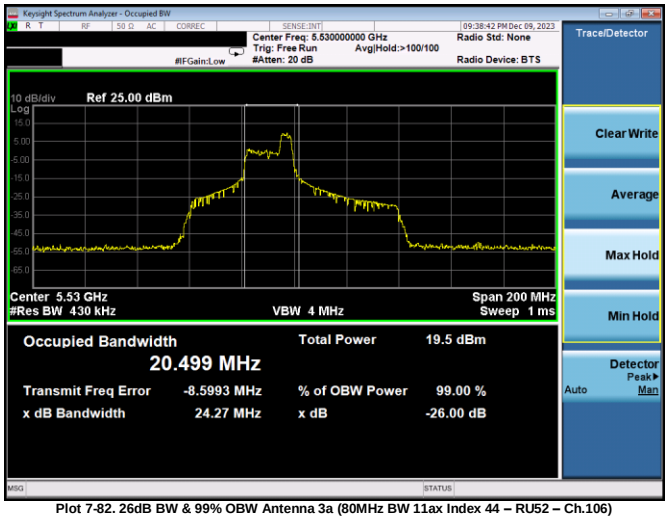


Plot 7-80. 26dB BW & 99% OBW Antenna 3a (40MHz BW 11ax – RU484 – Ch.110)

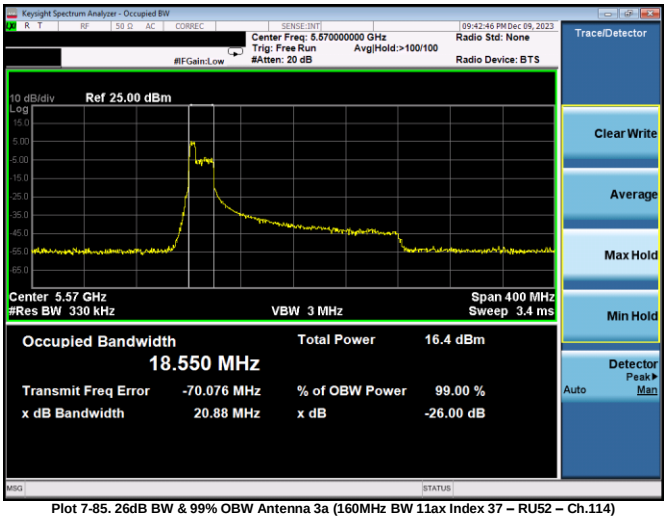


Plot 7-81. 26dB BW & 99% OBW Antenna 3a (80MHz BW 11ax Index 37 – RU52 – Ch.106)

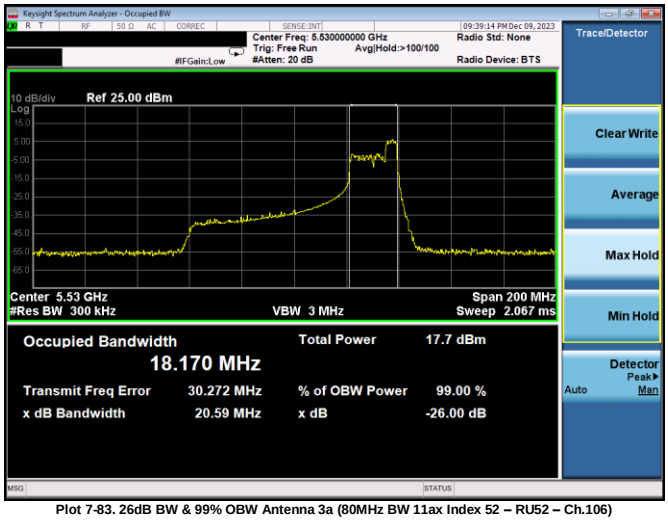
Plot 7-84. 26dB BW & 99% OBW Antenna 3a (80MHz BW 11ax – RU996 – Ch.106)



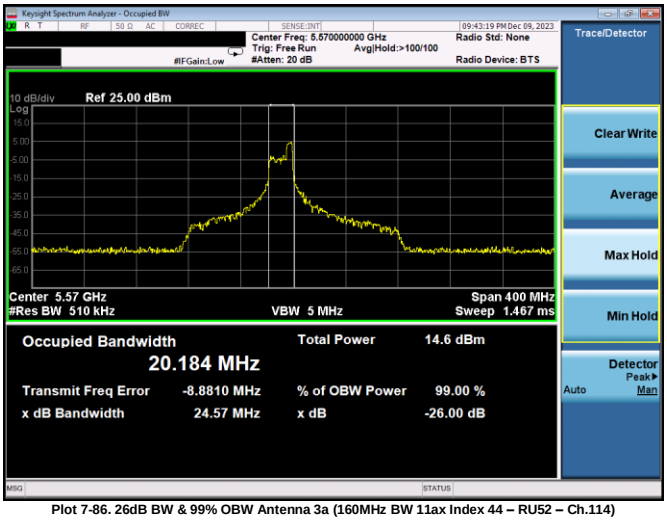
Plot 7-82. 26dB BW & 99% OBW Antenna 3a (80MHz BW 11ax Index 44 – RU52 – Ch.106)



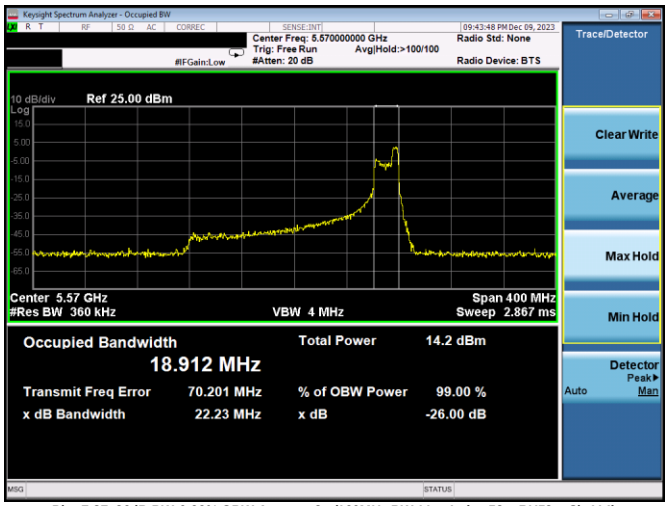
Plot 7-85. 26dB BW & 99% OBW Antenna 3a (160MHz BW 11ax Index 37 – RU52 – Ch.114)



Plot 7-83. 26dB BW & 99% OBW Antenna 3a (80MHz BW 11ax Index 52 – RU52 – Ch.106)



Plot 7-86. 26dB BW & 99% OBW Antenna 3a (160MHz BW 11ax Index 44 – RU52 – Ch.114)



Plot 7-87. 26dB BW & 99% OBW Antenna 3a (160MHz BW 11ax Index 52 – RU52 – Ch.114)

Plot 7-88. 26dB BW & 99% OBW Antenna 3a (160MHz BW 11ax – RU996x2 – Ch.114)

Antenna 1b 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)	18.30	19.64
				26	4	12.5/14.7 (MCS11)	17.10	18.21
				26	8	12.5/14.7 (MCS11)	18.28	19.49
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.27	19.59
				26	4	12.5/14.7 (MCS11)	17.07	18.16
				26	8	12.5/14.7 (MCS11)	18.21	19.43
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.23	19.63
				26	4	12.5/14.7 (MCS11)	17.12	18.15
				26	8	12.5/14.7 (MCS11)	18.31	19.42
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.13	19.64
				26	8	12.5/14.7 (MCS11)	20.00	21.80
				26	17	12.5/14.7 (MCS11)	18.08	19.69
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.15	19.68
				26	8	12.5/14.7 (MCS11)	19.67	22.19
				26	17	12.5/14.7 (MCS11)	18.20	19.77
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.21	19.84
				26	18	12.5/14.7 (MCS11)	37.21	38.59
				26	36	12.5/14.7 (MCS11)	18.13	19.29

Table 7-8. Conducted BW Measurements Antenna 1b (RU26)

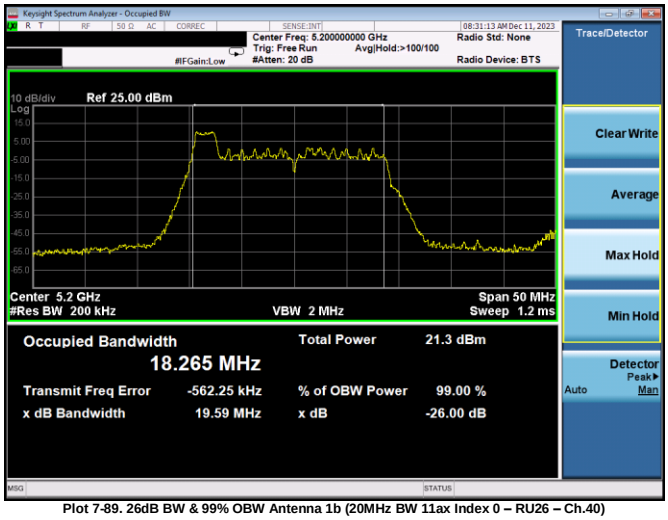
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1/2A	5250	50 (L)	ax (160MHz)	52	37	25/29.4 MCS11	18.33	20.82
				52	52	25/29.4 MCS11	19.84	23.53
		50 (U)		52	52	25/29.4 MCS11	18.71	22.13
Band 2A	5260	52	ax (20MHz)	52	37	25/29.4 MCS11	18.14	19.60
				52	38	25/29.4 MCS11	17.15	18.41
				52	40	25/29.4 MCS11	18.25	19.73
	5280	60	ax (20MHz)	52	37	25/29.4 MCS11	18.16	19.82
				52	38	25/29.4 MCS11	17.15	18.49
				52	40	25/29.4 MCS11	18.25	19.81
	5320	64	ax (20MHz)	52	37	25/29.4 MCS11	18.15	19.52
				52	38	25/29.4 MCS11	17.15	18.39
				52	40	25/29.4 MCS11	18.23	19.64
	5270	54	ax (40MHz)	52	37	25/29.4 MCS11	17.89	20.04
				52	40	25/29.4 MCS11	19.50	23.97
				52	44	25/29.4 MCS11	18.09	20.40
	5310	62	ax (40MHz)	52	37	25/29.4 MCS11	17.96	19.93
				52	40	25/29.4 MCS11	19.36	22.68
				52	44	25/29.4 MCS11	18.09	20.31
	5290	58	ax (80MHz)	52	37	25/29.4 MCS11	18.00	19.70
				52	44	25/29.4 MCS11	21.14	26.18
				52	52	25/29.4 MCS11	18.20	20.54
Band 2C	5500	100	ax (20MHz)	52	37	25/29.4 MCS11	18.13	19.76
				52	38	25/29.4 MCS11	17.16	18.27
				52	40	25/29.4 MCS11	18.21	19.80
	5580	116	ax (20MHz)	52	37	25/29.4 MCS11	18.17	19.81
				52	38	25/29.4 MCS11	17.15	18.47
				52	40	25/29.4 MCS11	18.21	19.68
	5600*	120	ax (20MHz)	52	37	25/29.4 MCS11	18.16	19.76
				52	38	25/29.4 MCS11	17.18	18.40
				52	40	25/29.4 MCS11	18.20	19.89
	5720	144	ax (20MHz)	52	37	25/29.4 MCS11	18.15	19.85
				52	38	25/29.4 MCS11	17.14	18.43
				52	40	25/29.4 MCS11	18.20	19.70
	5510	102	ax (40MHz)	52	37	25/29.4 MCS11	17.97	20.19
				52	40	25/29.4 MCS11	19.23	22.72
				52	44	25/29.4 MCS11	18.11	20.48
	5550	110	ax (40MHz)	52	37	25/29.4 MCS11	17.94	19.68
				52	40	25/29.4 MCS11	19.41	23.71
				52	44	25/29.4 MCS11	18.08	20.57
	5710	142	ax (40MHz)	52	37	25/29.4 MCS11	17.94	20.34
				52	40	25/29.4 MCS11	19.59	22.16
				52	44	25/29.4 MCS11	18.03	20.23
	5530	106	ax (80MHz)	52	37	25/29.4 MCS11	17.96	19.65
				52	44	25/29.4 MCS11	20.82	25.17
				52	52	25/29.4 MCS11	18.10	20.36
	5610*	122	ax (80MHz)	52	37	25/29.4 MCS11	18.00	19.86
				52	44	25/29.4 MCS11	20.87	25.56
				52	52	25/29.4 MCS11	18.03	20.17
	5690	138	ax (80MHz)	52	37	25/29.4 MCS11	17.94	19.69
				52	44	25/29.4 MCS11	20.15	24.81
				52	52	25/29.4 MCS11	18.15	20.28
	5570*	114 (L)	ax (160MHz)	52	37	25/29.4 MCS11	18.31	21.07
				52	52	25/29.4 MCS11	20.08	26.39
		114 (U)		52	52	25/29.4 MCS11	18.64	22.02

Table 7-9. Conducted BW Measurements Antenna 1b (RU52)

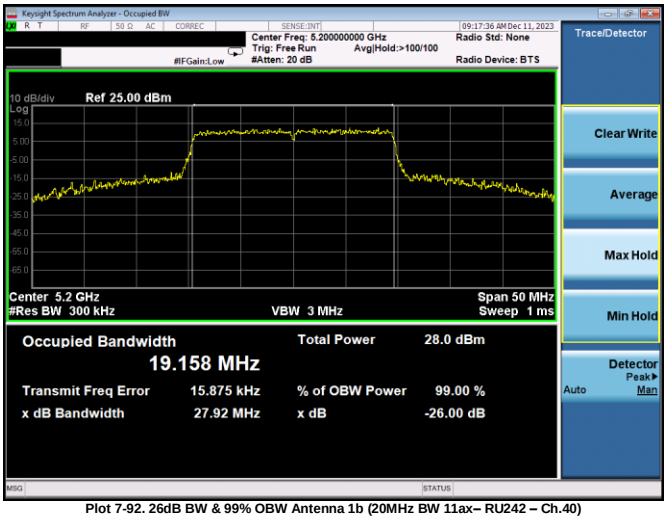
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 MCS11	19.01	20.73
	5200	40	ax (20MHz)	242	61	121.9/143.4 MCS11	19.15	27.92
	5240	48	ax (20MHz)	242	61	121.9/143.4 MCS11	19.17	27.68
	5190	38	ax (40MHz)	484	65	243.8/286.8 MCS11	37.92	41.18
	5230	46	ax (40MHz)	484	65	243.8/286.8 MCS11	38.42	68.29
	5210	42	ax (80MHz)	996	67	510.4/600.5 MCS11	76.94	81.49
Band 1/2A	5250	50	ax (160MHz)	996x2	68	510.4/600.5 MCS11	156.11	164.90
Band 2A	5260	52	ax (20MHz)	242	61	121.9/143.4 MCS11	19.16	23.68
	5280	60	ax (20MHz)	242	61	121.9/143.4 MCS11	19.12	26.07
	5320	64	ax (20MHz)	242	61	121.9/143.4 MCS11	19.13	21.20
	5270	54	ax (40MHz)	484	65	243.8/286.8 MCS11	38.26	68.16
	5310	62	ax (40MHz)	484	65	243.8/286.8 MCS11	37.89	41.07
	5290	58	ax (80MHz)	996	67	510.4/600.5 MCS11	76.98	81.16
Band 2C	5500	100	ax (20MHz)	242	61	121.9/143.4 MCS11	19.03	21.17
	5580	116	ax (20MHz)	242	61	121.9/143.4 MCS11	19.01	21.14
	5720	144	ax (20MHz)	242	61	121.9/143.4 MCS11	19.05	21.09
	5510	102	ax (40MHz)	484	65	243.8/286.8 MCS11	37.86	41.16
	5550	110	ax (40MHz)	484	65	243.8/286.8 MCS11	37.95	41.40
	5710	142	ax (40MHz)	484	65	243.8/286.8 MCS11	38.04	41.22
	5530	106	ax (80MHz)	996	67	510.4/600.5 MCS11	77.03	81.33
	5610*	122	ax (80MHz)	996	67	510.4/600.5 MCS11	77.06	81.33
	5690	138	ax (80MHz)	996	67	510.4/600.5 MCS11	77.28	98.09
	5570*	114	ax (160MHz)	996x2	68	510.4/600.5 MCS11	156.19	166.55

Table 7-10. Conducted BW Measurements Antenna 1b (Fully – loaded RU)

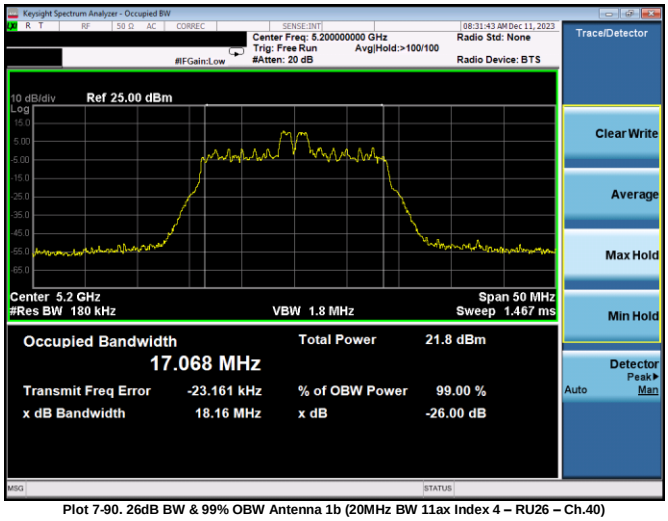
*TDWR channel is not supported for ISED (denoted by a * next to the frequency)



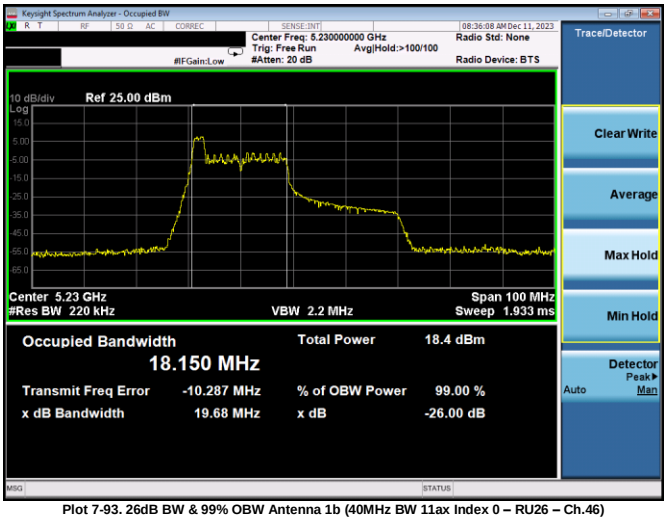
Plot 7-89. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 0 – RU26 – Ch.40)



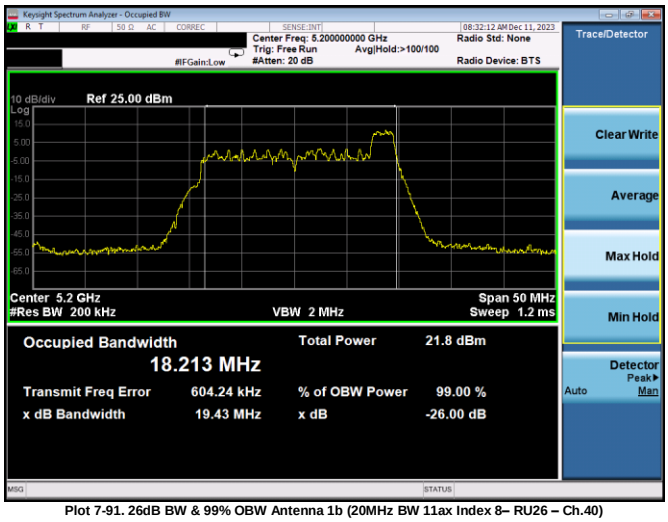
Plot 7-92. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax– RU242 – Ch.40)



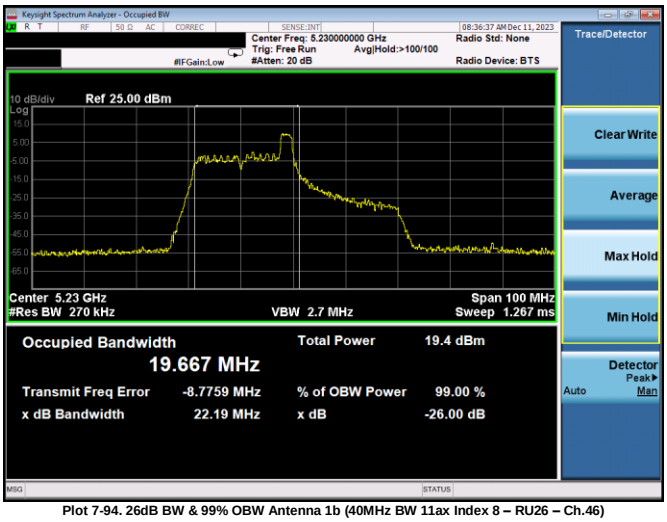
Plot 7-90. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 4 – RU26 – Ch.40)



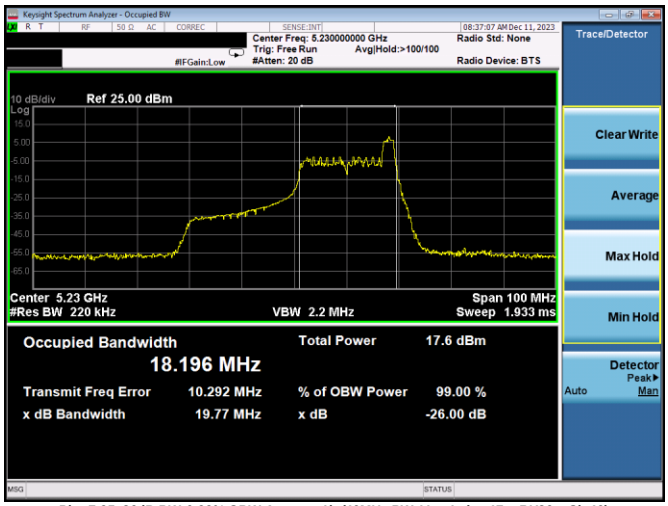
Plot 7-93. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 0 – RU26 – Ch.46)



Plot 7-91. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 8– RU26 – Ch.40)

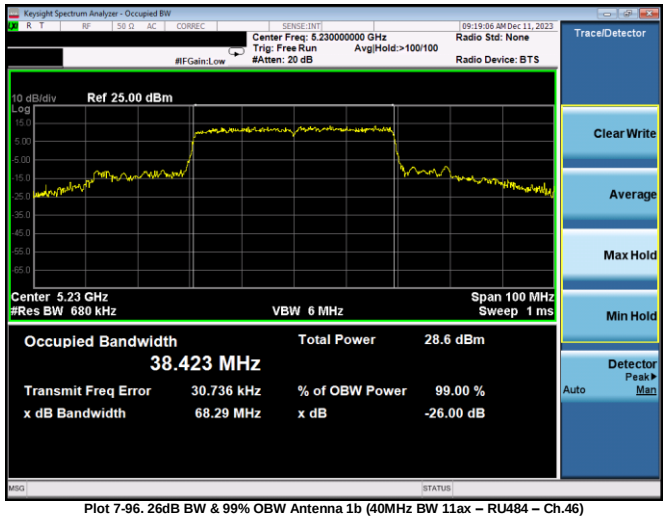


Plot 7-94. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 8 – RU26 – Ch.46)

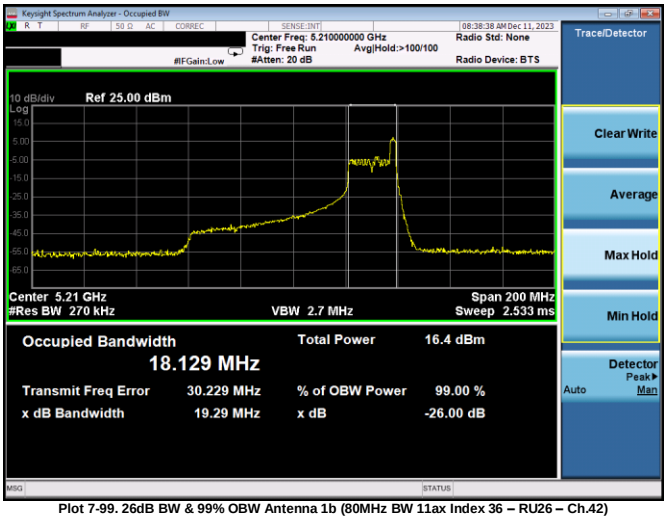


Plot 7-95. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 17 – RU26 – Ch.46)

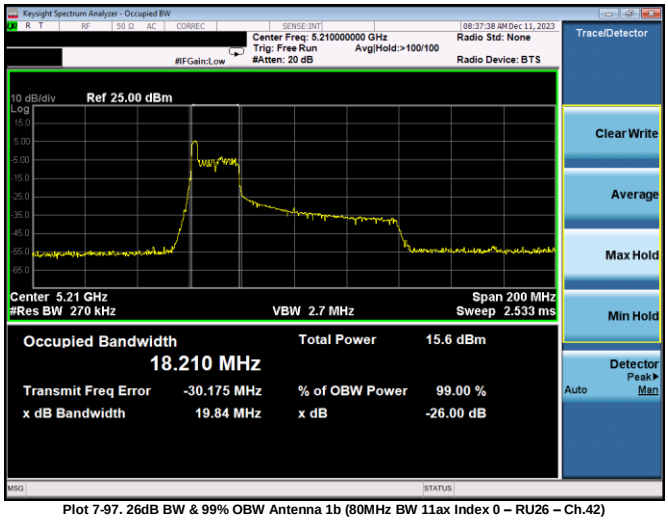
Plot 7-98. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 18 – RU26 – Ch.42)



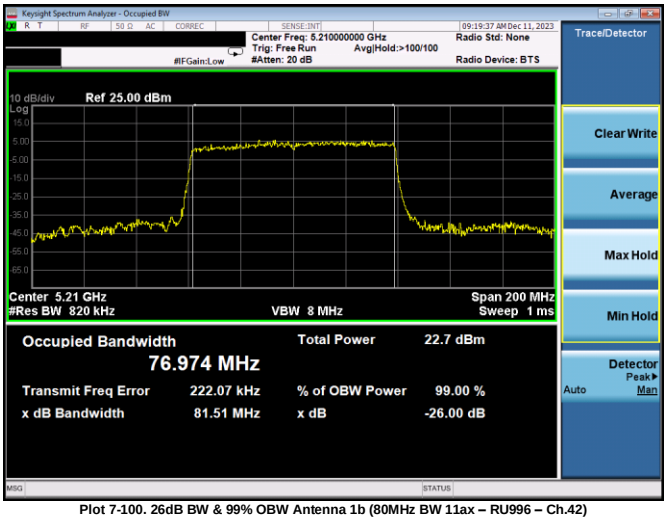
Plot 7-96. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax – RU484 – Ch.46)



Plot 7-99. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 36 – RU26 – Ch.42)



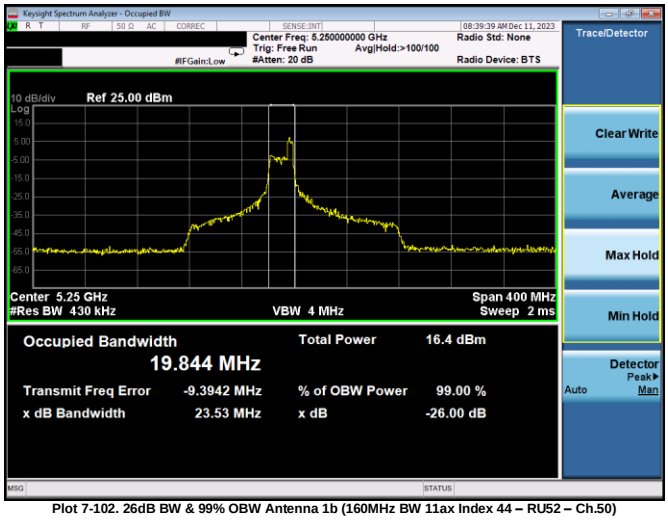
Plot 7-97. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 0 – RU26 – Ch.42)



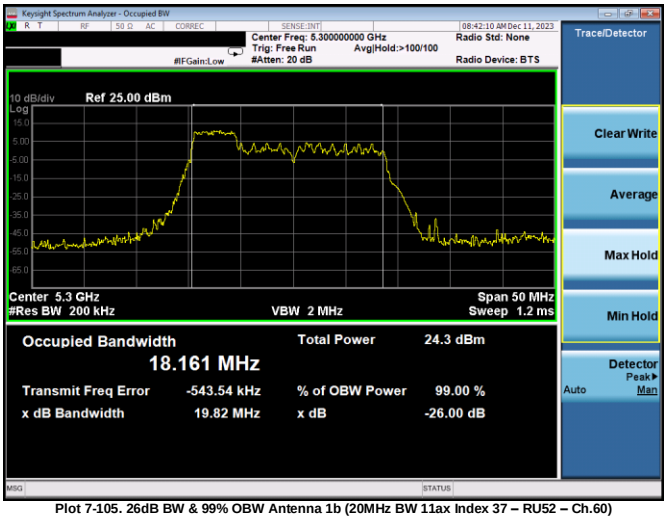
Plot 7-100. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax – RU996 – Ch.42)

Plot 7-101. 26dB BW & 99% OBW Antenna 1b (160MHz BW 11ax Index 37 – RU52 – Ch.50)

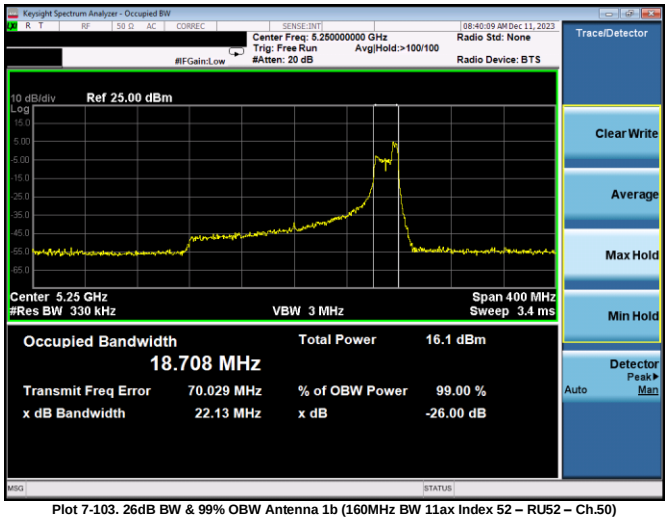
Plot 7-104. 26dB BW & 99% OBW Antenna 1b (160MHz BW 11ax – RU996x2 – Ch.50)



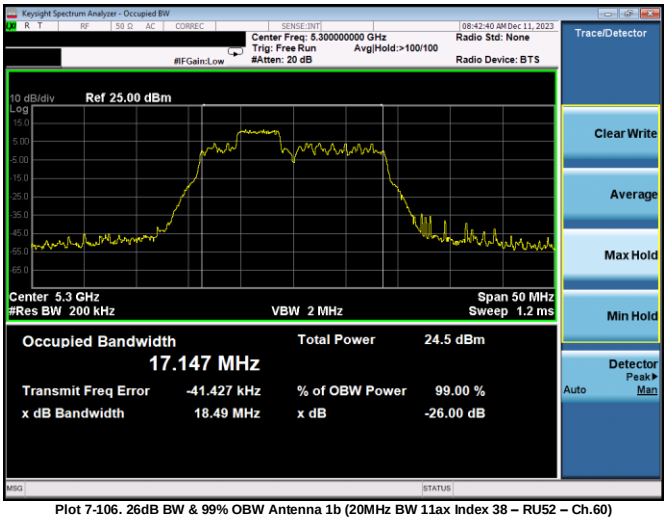
Plot 7-102. 26dB BW & 99% OBW Antenna 1b (160MHz BW 11ax Index 44 – RU52 – Ch.50)



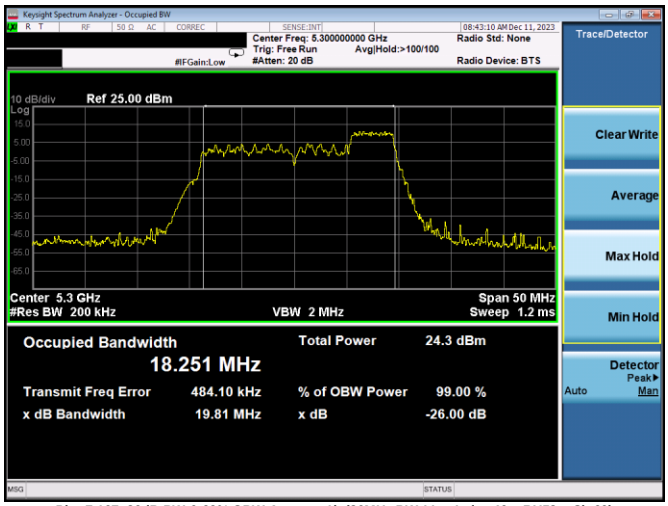
Plot 7-105. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 37 – RU52 – Ch.60)



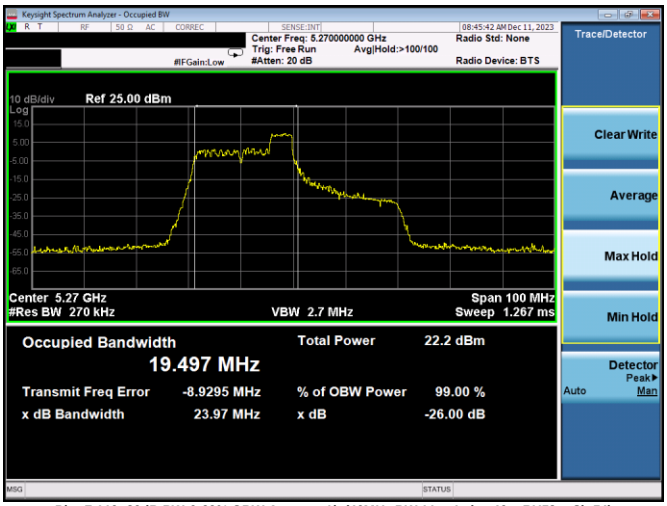
Plot 7-103. 26dB BW & 99% OBW Antenna 1b (160MHz BW 11ax Index 52 – RU52 – Ch.50)



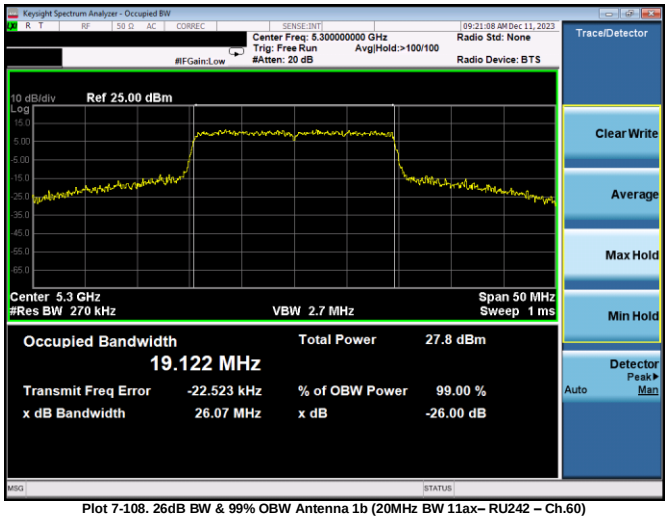
Plot 7-106. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 38 – RU52 – Ch.60)



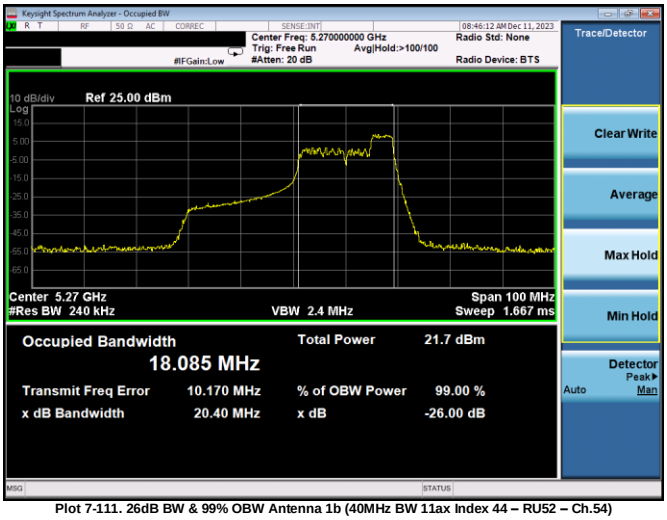
Plot 7-107. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 40 – RU52 – Ch.60)



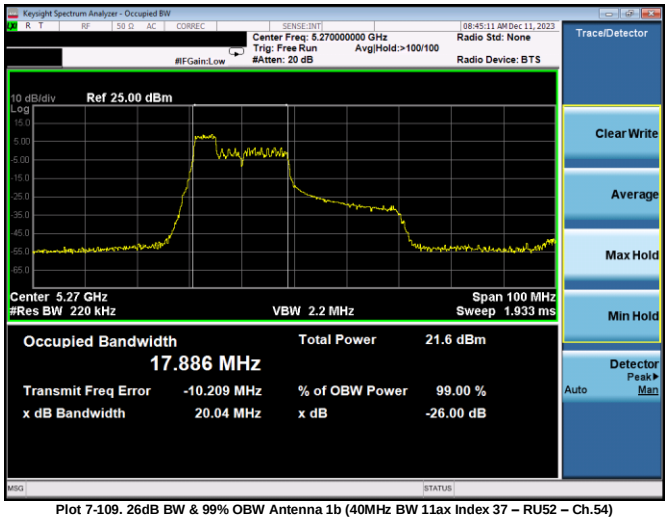
Plot 7-110. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 40 – RU52 – Ch.54)



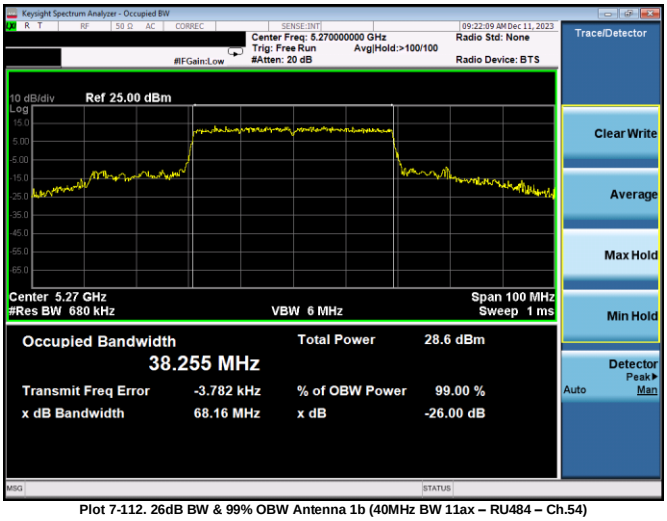
Plot 7-108. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax– RU242 – Ch.60)



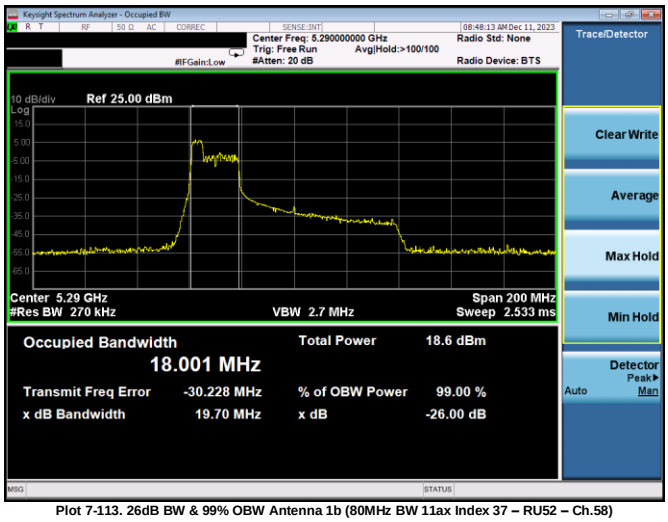
Plot 7-111. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 44 – RU52 – Ch.54)



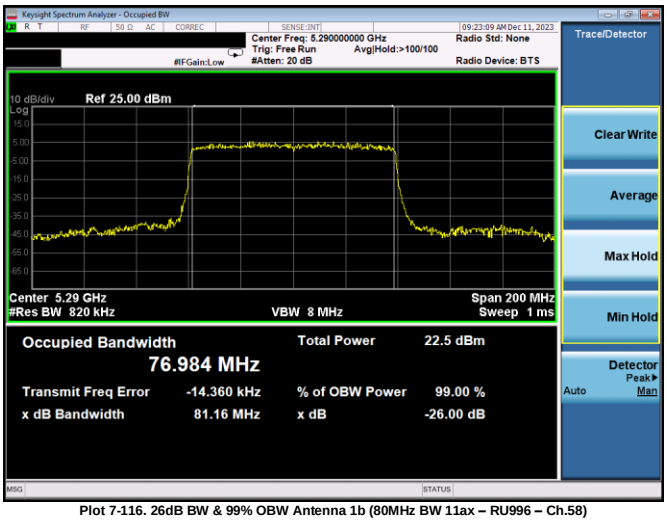
Plot 7-109. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 37 – RU52 – Ch.54)



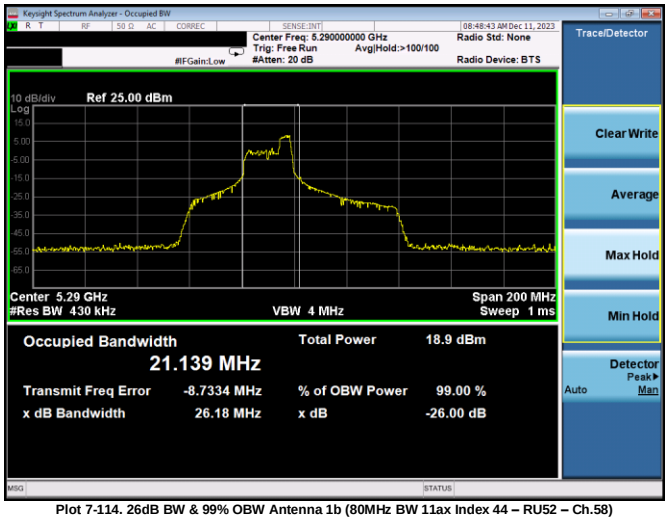
Plot 7-112. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax – RU484 – Ch.54)



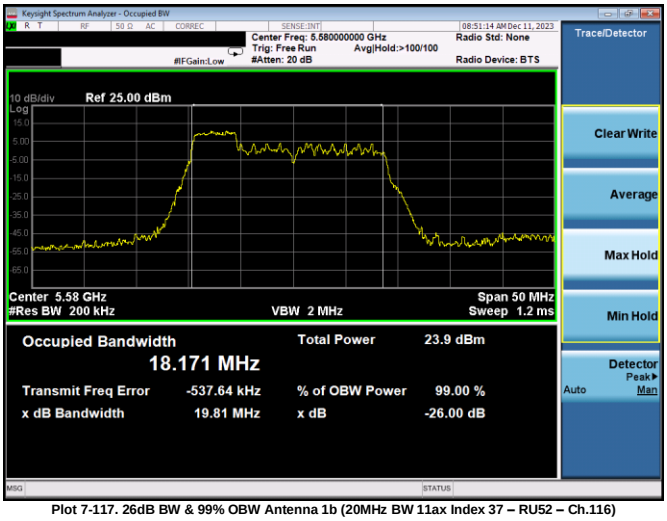
Plot 7-113. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 37 – RU52 – Ch.58)



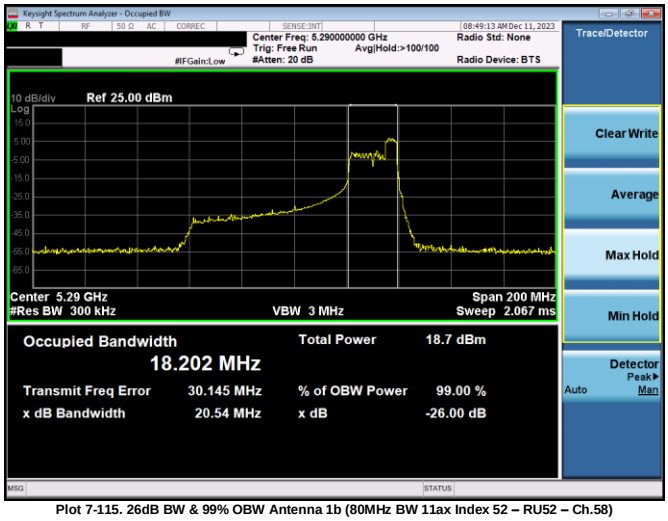
Plot 7-116. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax – RU996 – Ch.58)



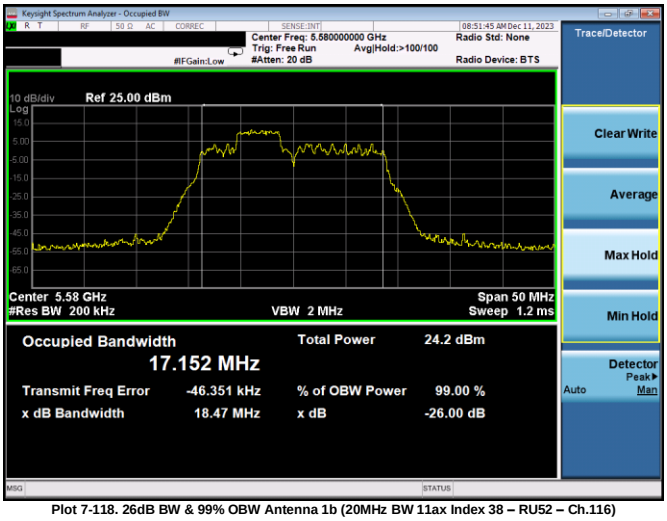
Plot 7-114. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 44 – RU52 – Ch.58)



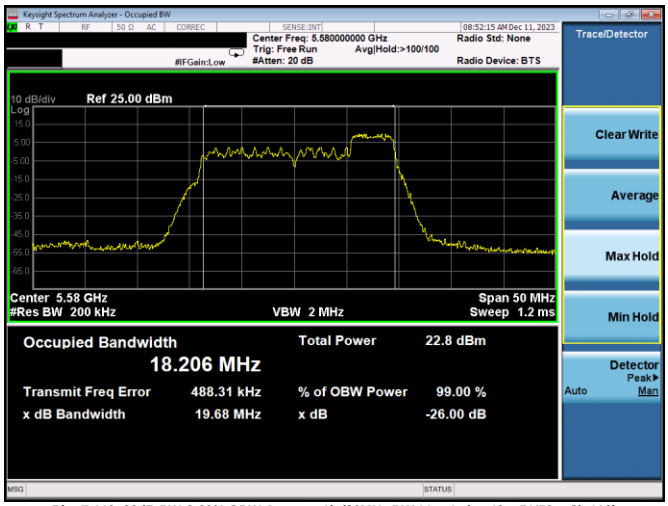
Plot 7-117. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 37 – RU52 – Ch.116)



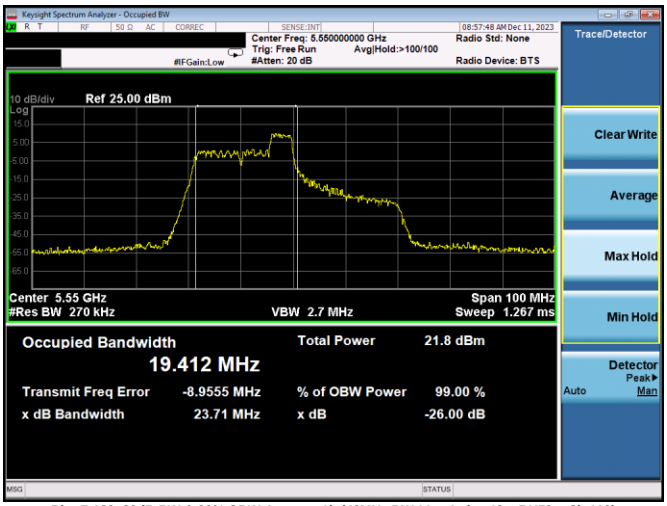
Plot 7-115. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 52 – RU52 – Ch.58)



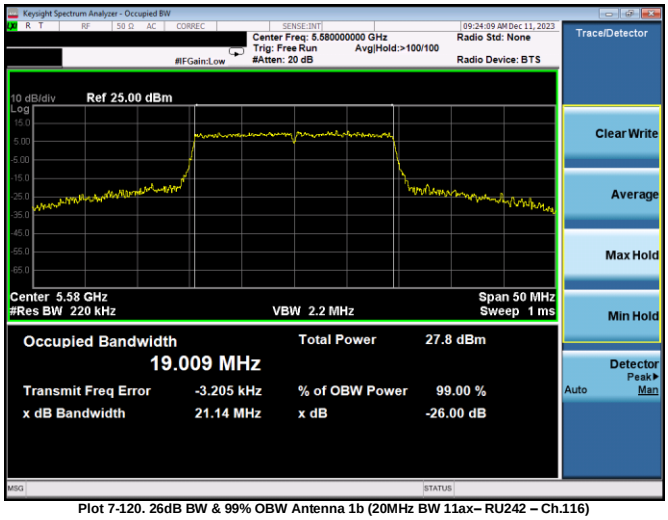
Plot 7-118. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 38 – RU52 – Ch.116)



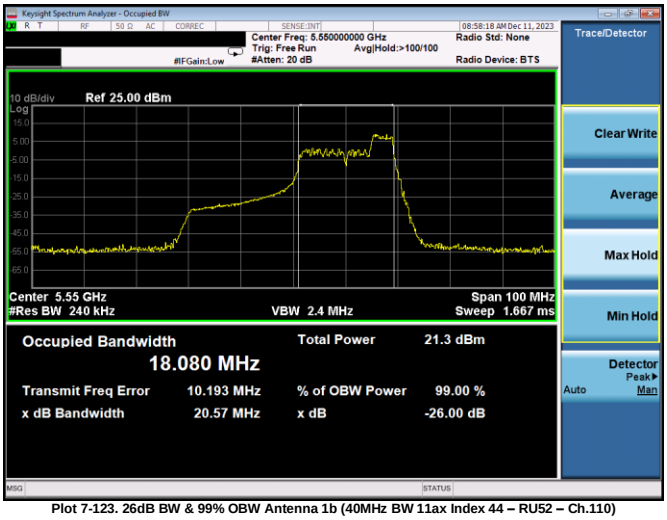
Plot 7-119. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax Index 40 – RU52 – Ch.116)



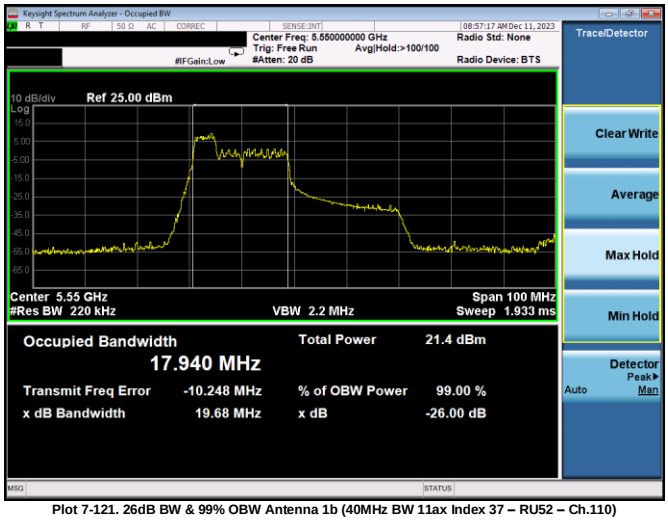
Plot 7-122. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 40 – RU52 – Ch.110)



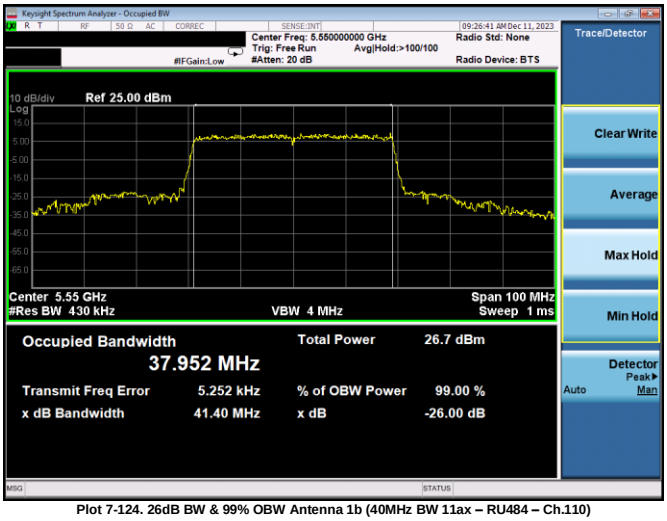
Plot 7-120. 26dB BW & 99% OBW Antenna 1b (20MHz BW 11ax– RU242 – Ch.116)



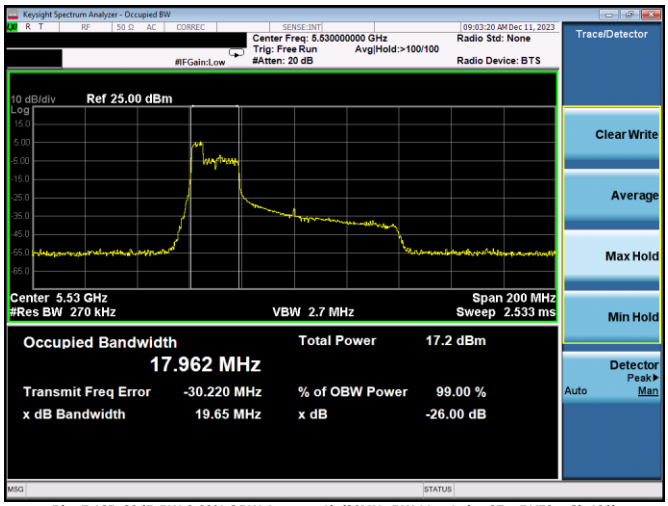
Plot 7-123. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 44 – RU52 – Ch.110)



Plot 7-121. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax Index 37 – RU52 – Ch.110)

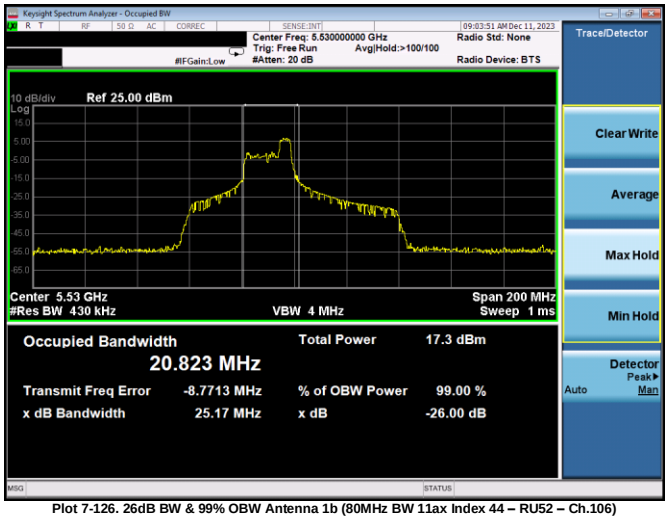


Plot 7-124. 26dB BW & 99% OBW Antenna 1b (40MHz BW 11ax – RU484 – Ch.110)

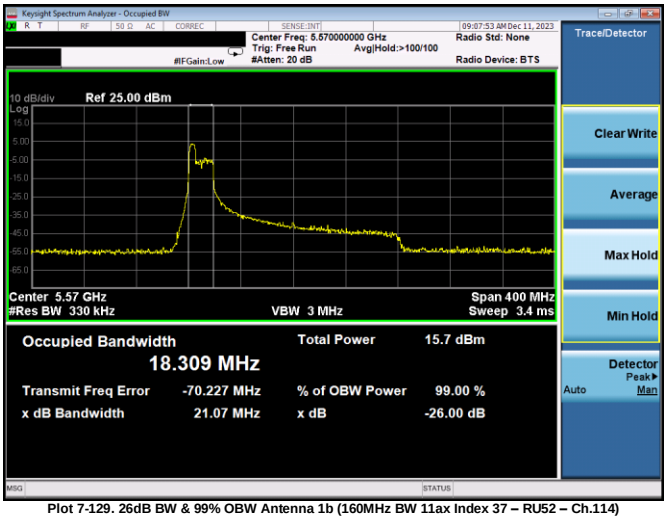


Plot 7-125. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 37 – RU52 – Ch.106)

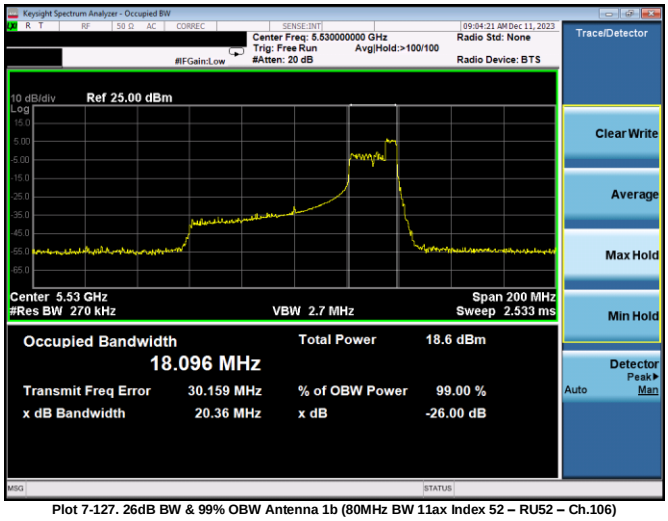
Plot 7-128. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax – RU996 – Ch.106)



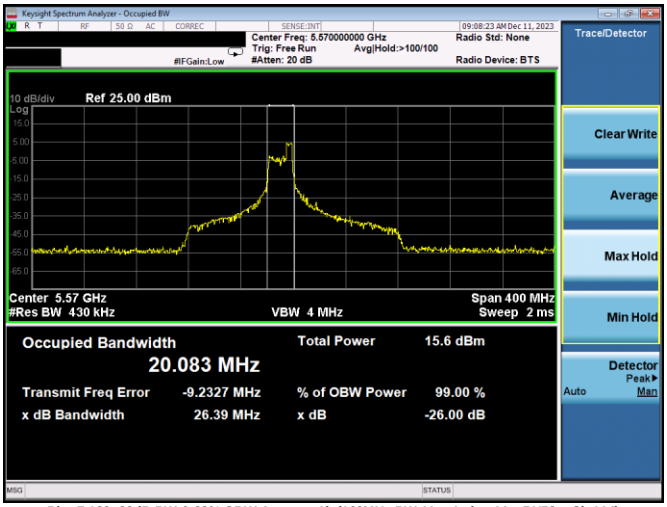
Plot 7-126. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 44 – RU52 – Ch.106)



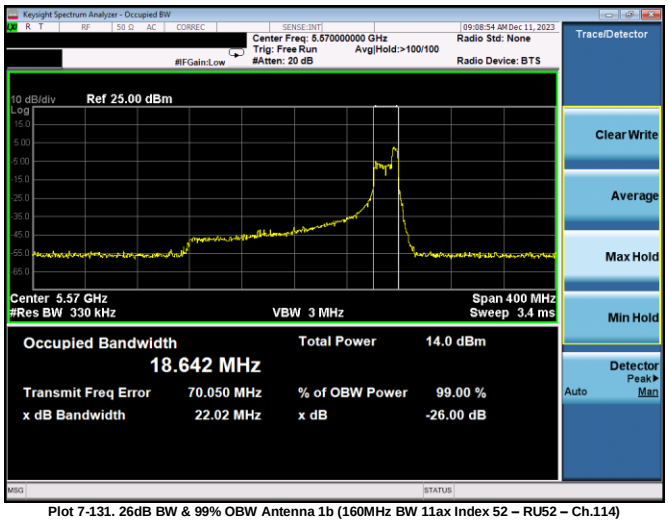
Plot 7-129. 26dB BW & 99% OBW Antenna 1b (160MHz BW 11ax Index 37 – RU52 – Ch.114)



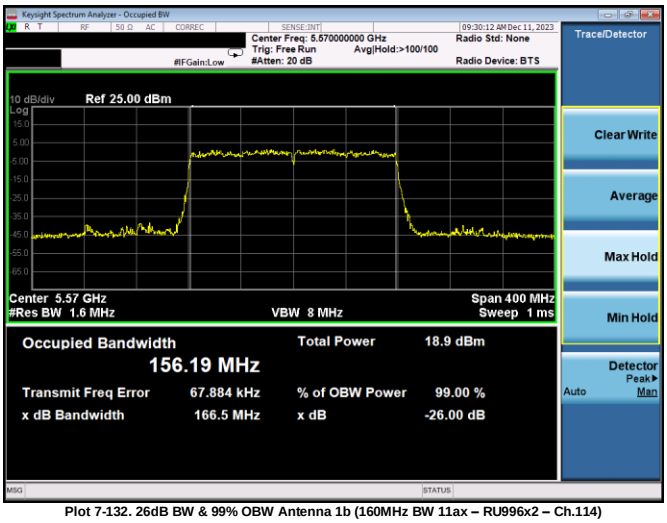
Plot 7-127. 26dB BW & 99% OBW Antenna 1b (80MHz BW 11ax Index 52 – RU52 – Ch.106)



Plot 7-130. 26dB BW & 99% OBW Antenna 1b (160MHz BW 11ax Index 44 – RU52 – Ch.114)



Plot 7-131. 26dB BW & 99% OBW Antenna 1b (160MHz BW 11ax Index 52 – RU52 – Ch.114)



Plot 7-132. 26dB BW & 99% OBW Antenna 1b (160MHz BW 11ax – RU996x2 – Ch.114)

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 ≥ 3 x 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.

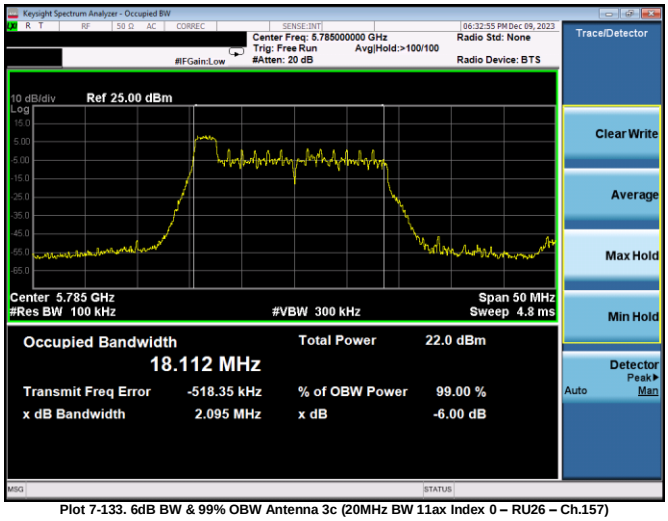
Antenna 3c 6dB & 99% Bandwidth Measurements

	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	18.11	2.12	0.50	Pass
				26	4	12.5/14.7 MCS11	17.13	2.71	0.50	Pass
				26	8	12.5/14.7 MCS11	18.24	2.09	0.50	Pass
	5785	157	ax (20MHz)	26	0	12.5/14.7 MCS11	18.11	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	18.20	2.10	0.50	Pass
	5825	165	ax (20MHz)	26	0	12.5/14.7 MCS11	18.11	2.10	0.50	Pass
				26	4	12.5/14.7 MCS11	17.15	2.71	0.50	Pass
				26	8	12.5/14.7 MCS11	18.22	2.11	0.50	Pass
	5755	151	ax (40MHz)	26	0	12.5/14.7 MCS11	17.87	2.15	0.50	Pass
				26	8	12.5/14.7 MCS11	18.86	2.16	0.50	Pass
				26	17	12.5/14.7 MCS11	17.97	2.18	0.50	Pass
	5795	159	ax (40MHz)	26	0	12.5/14.7 MCS11	17.83	2.13	0.50	Pass
				26	8	12.5/14.7 MCS11	18.79	2.09	0.50	Pass
				26	17	12.5/14.7 MCS11	17.96	2.14	0.50	Pass
	5775	155	ax (80MHz)	26	0	12.5/14.7 MCS11	17.78	2.26	0.50	Pass
				26	18	12.5/14.7 MCS11	36.77	2.92	0.50	Pass
				26	36	12.5/14.7 MCS11	17.95	2.18	0.50	Pass

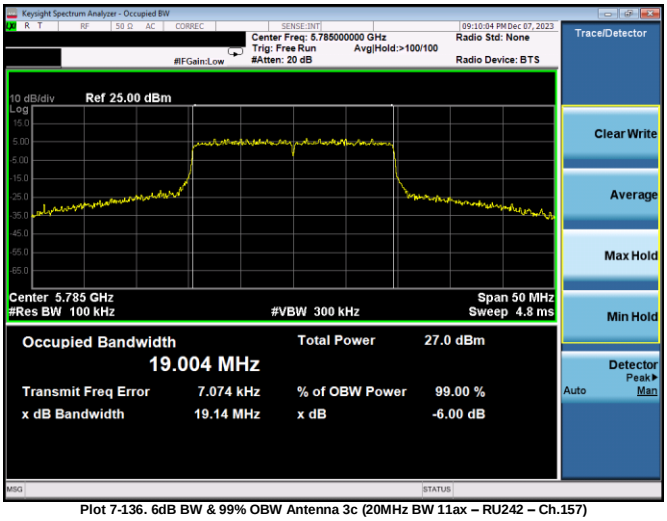
Table 7-11. Conducted Bandwidth Measurements Antenna 3c (RU26)

	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	19.00	19.11	0.50	Pass
	5785	157	ax (20MHz)	242	61	121.9/143.4 MCS11	19.00	19.14	0.50	Pass
	5825	165	ax (20MHz)	242	61	121.9/143.4 MCS11	18.99	19.15	0.50	Pass
	5755	151	ax (40MHz)	484	65	243.8/286.8 MCS11	37.90	38.24	0.50	Pass
	5795	159	ax (40MHz)	484	65	243.8/286.8 MCS11	37.86	38.23	0.50	Pass
	5775	155	ax (80MHz)	996	67	510.4/600.5 MCS11	77.04	78.08	0.50	Pass

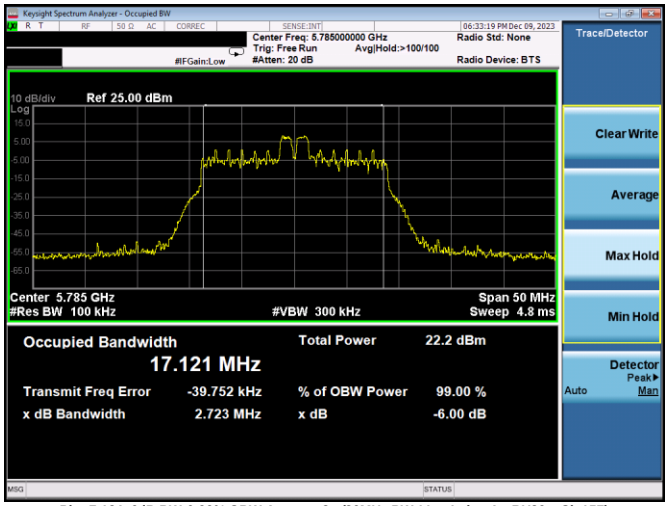
Table 7-12. Conducted Bandwidth Measurements Antenna 3c (Fully- loaded RU)



Plot 7-133. 6dB BW & 99% OBW Antenna 3c (20MHz BW 11ax Index 0 – RU26 – Ch.157)

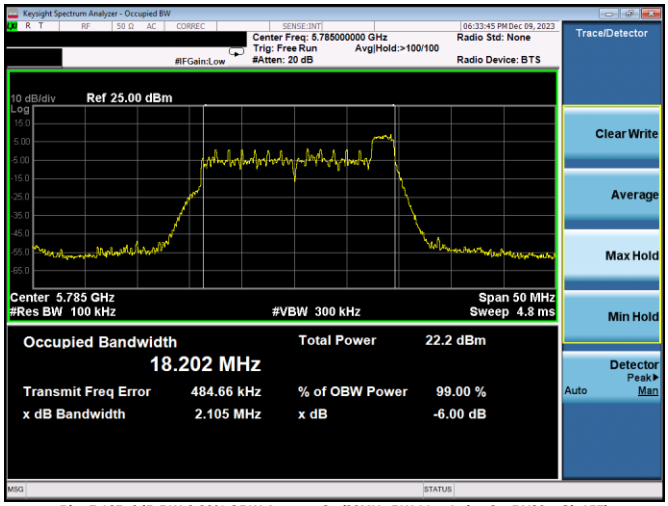


Plot 7-136. 6dB BW & 99% OBW Antenna 3c (20MHz BW 11ax – RU242 – Ch.157)

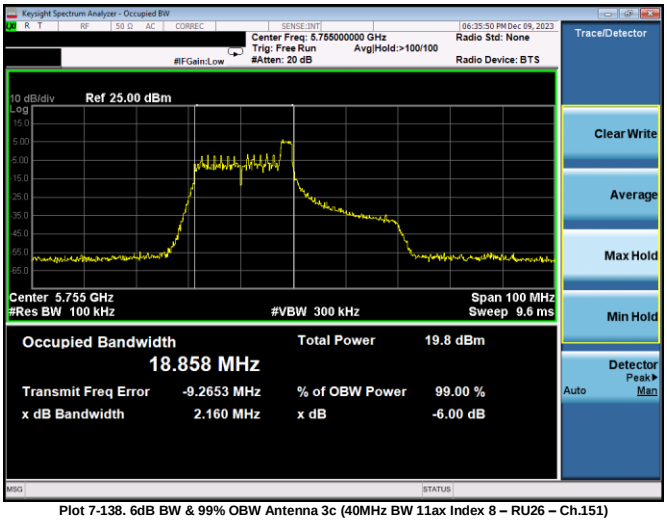


Plot 7-134. 6dB BW & 99% OBW Antenna 3c (20MHz BW 11ax Index 4 – RU26 – Ch.157)

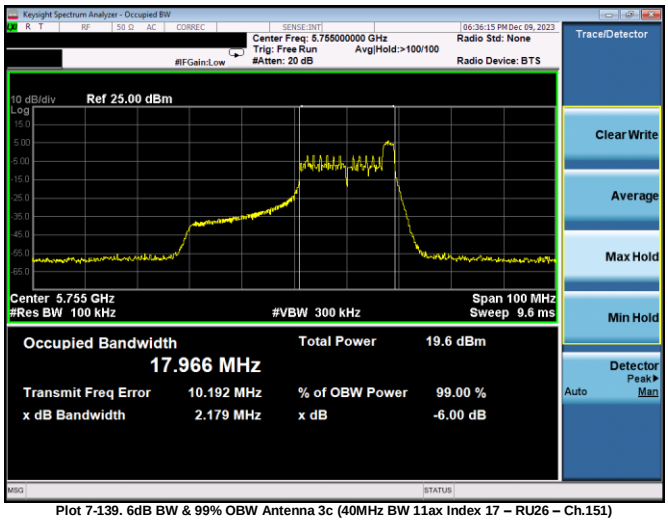
Plot 7-137. 6dB BW & 99% OBW Antenna 3c (40MHz BW 11ax Index 0 – RU26 – Ch.151)



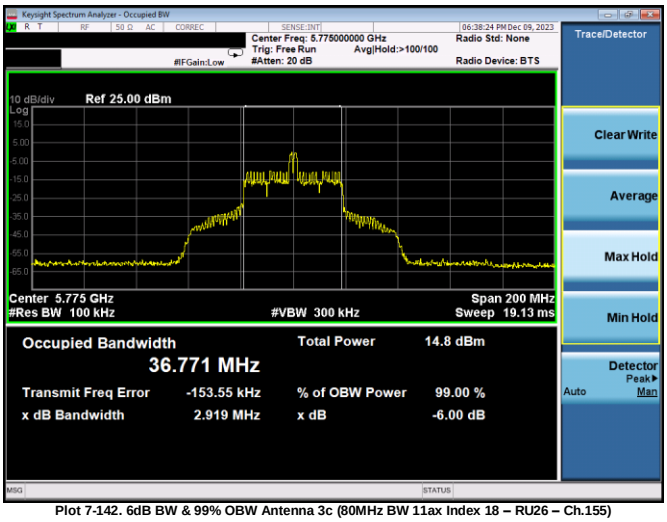
Plot 7-135. 6dB BW & 99% OBW Antenna 3c (20MHz BW 11ax Index 8 – RU26 – Ch.157)



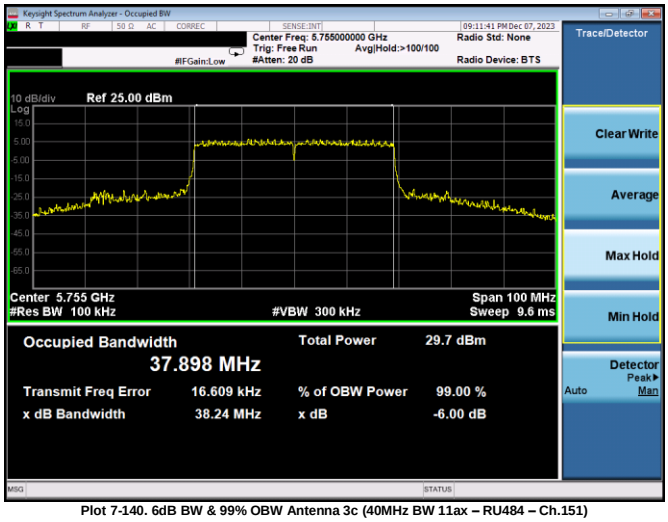
Plot 7-138. 6dB BW & 99% OBW Antenna 3c (40MHz BW 11ax Index 8 – RU26 – Ch.151)



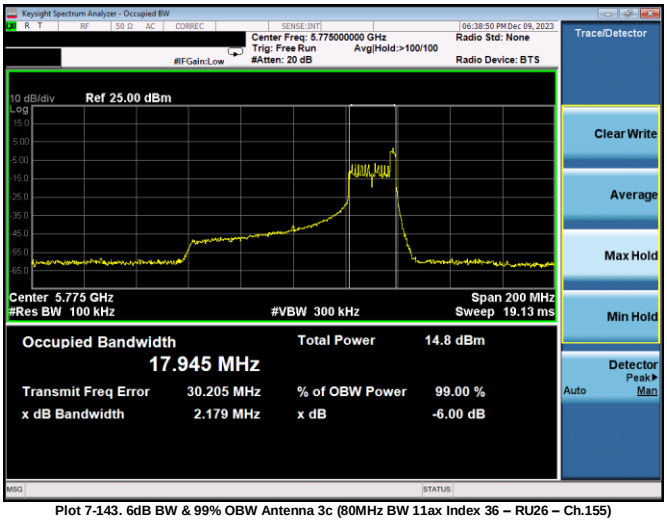
Plot 7-139. 6dB BW & 99% OBW Antenna 3c (40MHz BW 11ax Index 17 – RU26 – Ch.151)



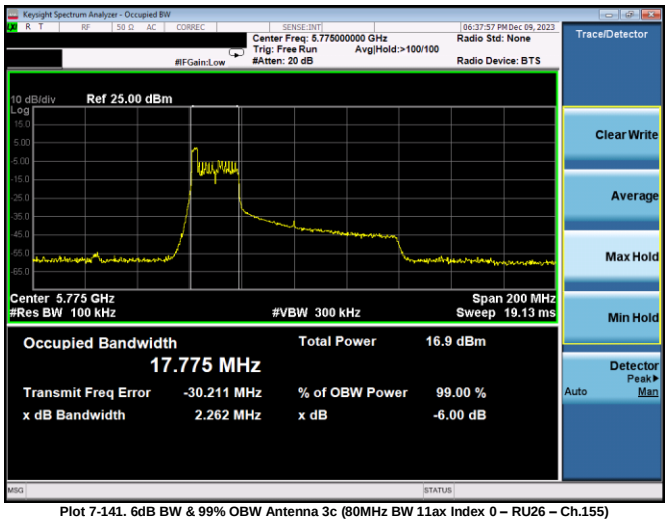
Plot 7-142. 6dB BW & 99% OBW Antenna 3c (80MHz BW 11ax Index 18 – RU26 – Ch.155)



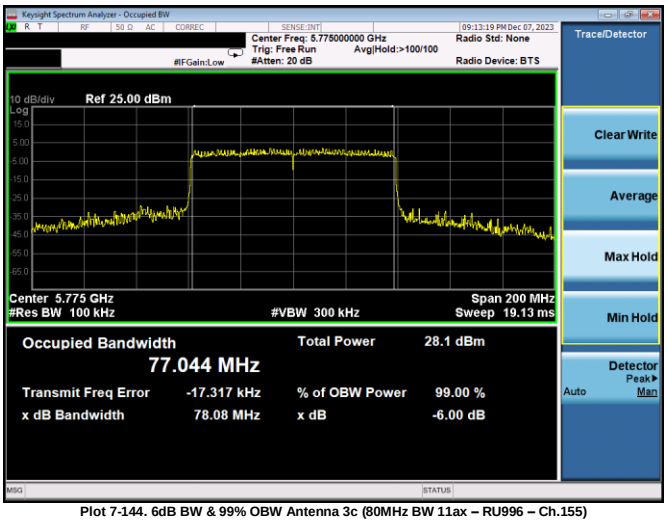
Plot 7-140. 6dB BW & 99% OBW Antenna 3c (40MHz BW 11ax – RU484 – Ch.151)



Plot 7-143. 6dB BW & 99% OBW Antenna 3c (80MHz BW 11ax Index 36 – RU26 – Ch.155)



Plot 7-141. 6dB BW & 99% OBW Antenna 3c (80MHz BW 11ax Index 0 – RU26 – Ch.155)



Plot 7-144. 6dB BW & 99% OBW Antenna 3c (80MHz BW 11ax – RU996 – Ch.155)

Antenna 3a 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	18.10	2.09	0.50	Pass
				26	4	12.5/14.7 MCS11	17.11	2.71	0.50	Pass
				26	8	12.5/14.7 MCS11	18.19	2.09	0.50	Pass
	5785	157	ax (20MHz)	26	0	12.5/14.7 MCS11	18.09	2.08	0.50	Pass
				26	4	12.5/14.7 MCS11	17.11	2.72	0.50	Pass
				26	8	12.5/14.7 MCS11	18.20	2.10	0.50	Pass
	5825	165	ax (20MHz)	26	0	12.5/14.7 MCS11	18.11	2.09	0.50	Pass
				26	4	12.5/14.7 MCS11	17.14	2.72	0.50	Pass
				26	8	12.5/14.7 MCS11	18.23	2.11	0.50	Pass
	5755	151	ax (40MHz)	26	0	12.5/14.7 MCS11	17.81	2.15	0.50	Pass
				26	8	12.5/14.7 MCS11	18.77	2.13	0.50	Pass
				26	17	12.5/14.7 MCS11	17.99	2.09	0.50	Pass
	5795	159	ax (40MHz)	26	0	12.5/14.7 MCS11	17.87	2.16	0.50	Pass
				26	8	12.5/14.7 MCS11	18.83	2.15	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	17.81	2.28	0.50	Pass
				26	18	12.5/14.7 MCS11	36.83	2.93	0.50	Pass
				26	36	12.5/14.7 MCS11	17.99	2.22	0.50	Pass

Table 7-13. Conducted Bandwidth Measurements Antenna 3a (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	19.01	19.16	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	19.01	19.14	0.50	Pass
	5755	151	ax (40MHz)	484	65	243.8/286.8 MCS11	37.89	38.24	0.50	Pass
	5795	159	ax (40MHz)	484	65	243.8/286.8 MCS11	37.87	38.25	0.50	Pass
	5775	155	ax (80MHz)	996	67	510.4/600.5 MCS11	76.98	77.92	0.50	Pass

Table 7-14. Conducted Bandwidth Measurements Antenna 3a (Fully-loaded RU)