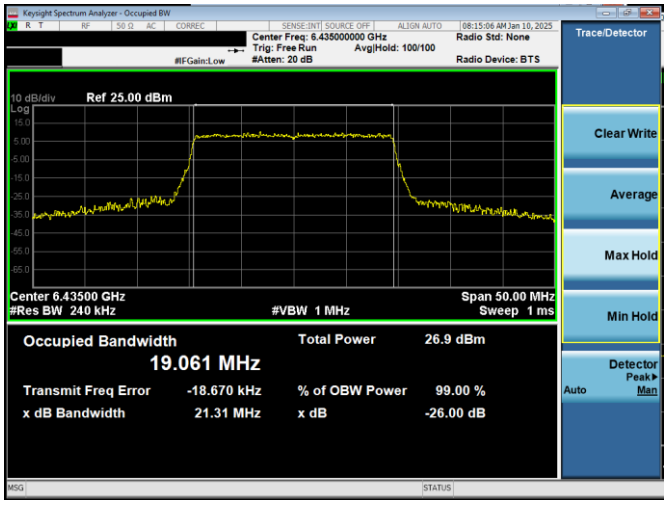
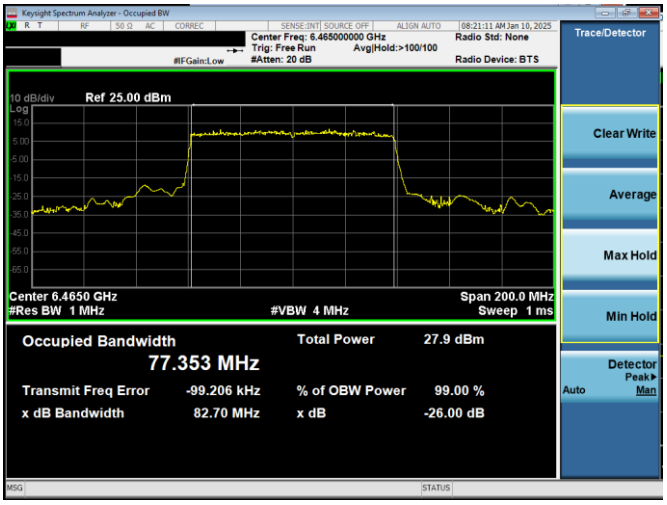
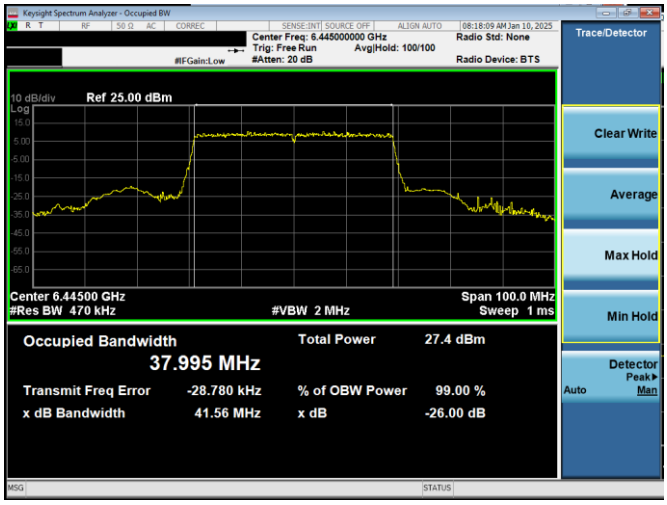


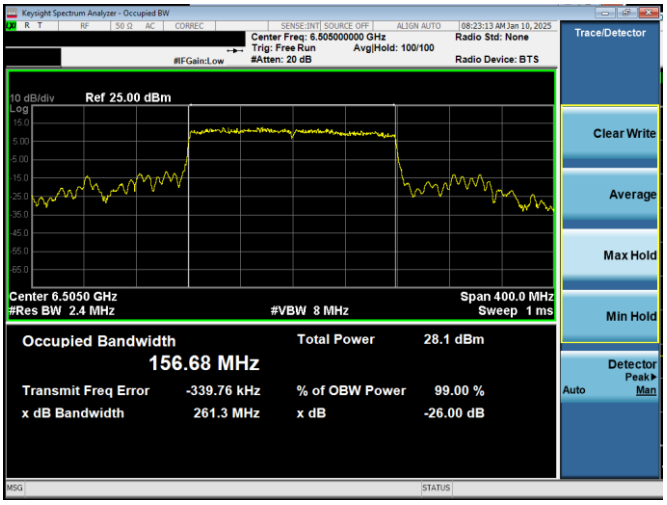
Plot 7-69. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 97)



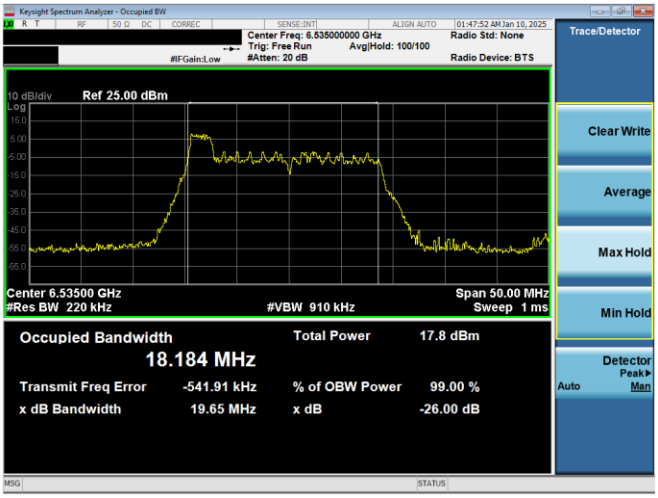
Plot 7-71. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)



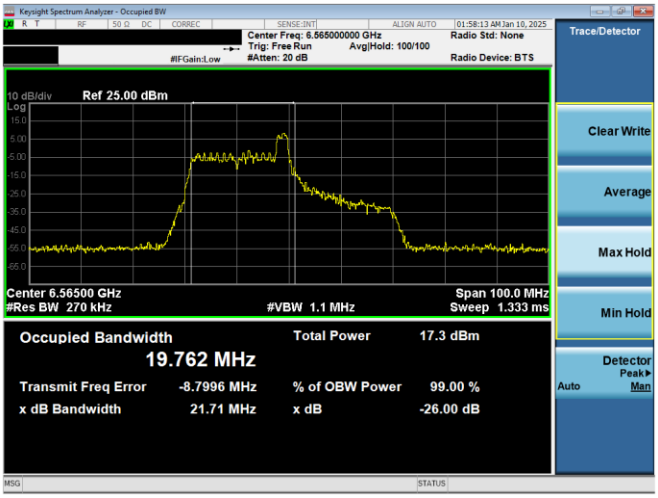
Plot 7-70. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 99)



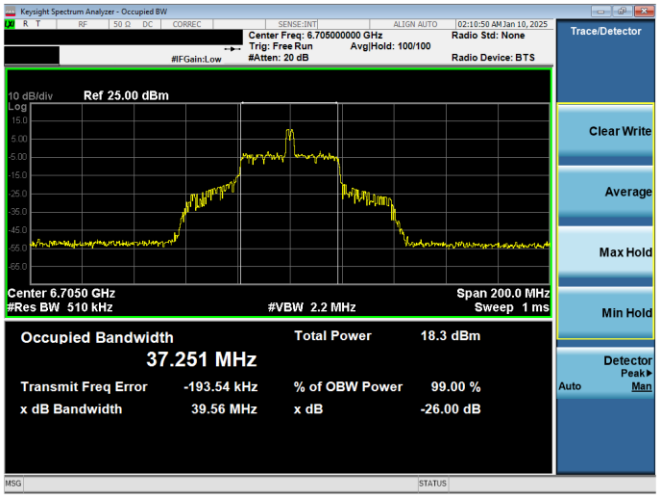
Plot 7-72. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)



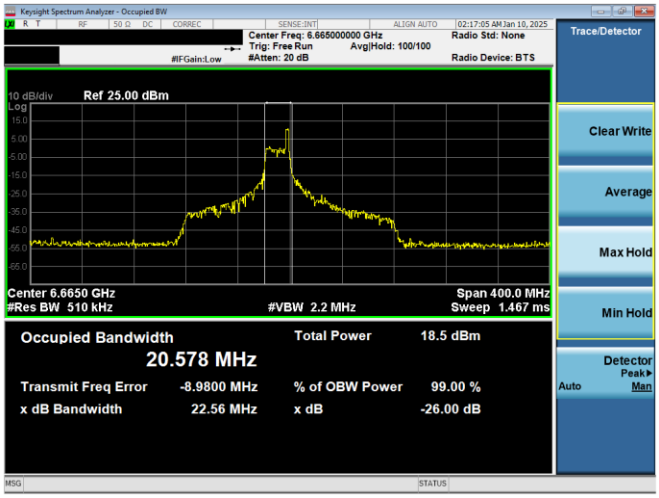
Plot 7-73. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 117)



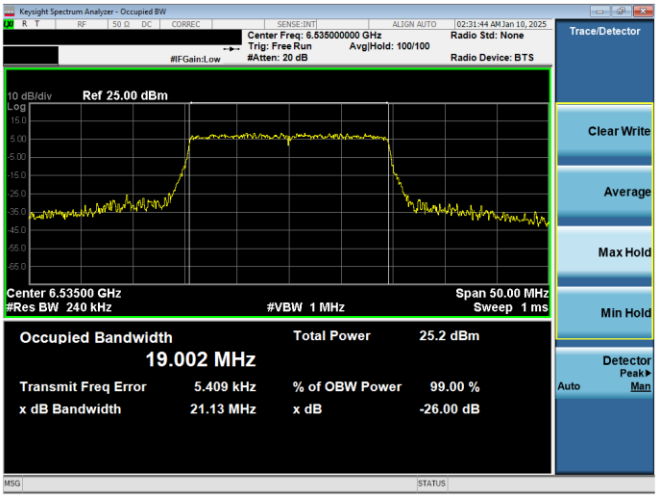
Plot 7-74. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 123)



Plot 7-75. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

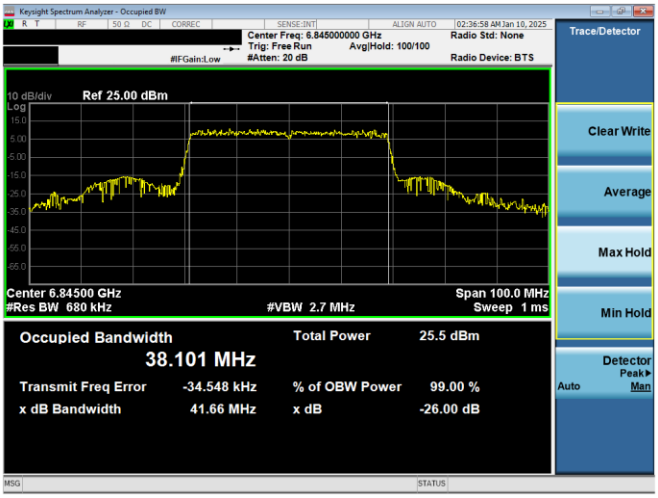


Plot 7-76. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

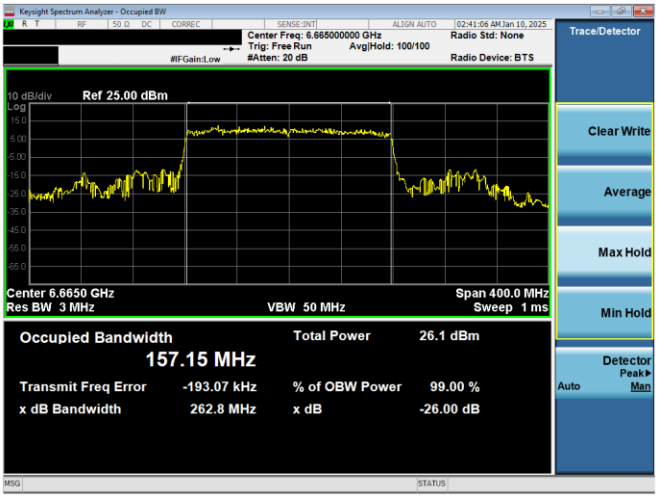


Plot 7-77. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 117)

Plot 7-79. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 167)



Plot 7-78. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)



Plot 7-80. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

7.2.4 Antenna WF2a 26dB & 99% Bandwidth Measurements – LPI

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	5935	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.32	19.72	320	Pass
	5935	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.03	18.22	320	Pass
	5935	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.37	19.74	320	Pass
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.29	19.50	320	Pass
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.07	18.23	320	Pass
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.34	19.49	320	Pass
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.27	19.71	320	Pass
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.06	18.21	320	Pass
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.38	19.69	320	Pass
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.18	19.85	320	Pass
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.23	21.71	320	Pass
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.27	19.86	320	Pass
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.16	19.85	320	Pass
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.22	22.72	320	Pass
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.28	20.06	320	Pass
	6165	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.18	19.78	320	Pass
	6165	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.22	22.52	320	Pass
	6165	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.22	19.94	320	Pass
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.31	19.67	320	Pass
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.60	38.86	320	Pass
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.25	19.73	320	Pass
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.20	19.53	320	Pass
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.36	38.65	320	Pass
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.25	19.79	320	Pass
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.19	19.54	320	Pass
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.77	38.94	320	Pass
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.29	19.69	320	Pass
	6025	15 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	19.53	20.54	320	Pass
	6025		ax (160MHz)	26	36	12.5/14.7 (MCS11)	23.08	23.97	320	Pass
	6025	15 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.57	21.14	320	Pass
	6185	47 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	19.28	20.87	320	Pass
	6185		ax (160MHz)	26	36	12.5/14.7 (MCS11)	22.23	24.54	320	Pass
	6185	47 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.30	21.03	320	Pass
	6345	79 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.96	20.92	320	Pass
	6345		ax (160MHz)	26	36	12.5/14.7 (MCS11)	22.24	24.04	320	Pass
	6345	79 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.16	21.62	320	Pass
Band 6	6345	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.24	19.68	320	Pass
	6345	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.06	18.21	320	Pass
	6345	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.39	19.73	320	Pass
	6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.27	19.69	320	Pass
	6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.06	18.21	320	Pass
	6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.37	19.62	320	Pass
	6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.29	19.86	320	Pass
	6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.05	18.21	320	Pass
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.37	19.68	320	Pass
	6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.17	19.86	320	Pass
	6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.38	22.91	320	Pass
	6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.26	20.02	320	Pass
	6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.16	19.77	320	Pass
	6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.41	22.45	320	Pass
	6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.27	20.02	320	Pass
	6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.28	20.03	320	Pass
	6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.16	22.47	320	Pass
	6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.29	20.05	320	Pass
	6465	103	ax (80Mhz)	26	0	12.5/14.7 (MCS11)	18.17	19.53	320	Pass
	6465	103	ax (80Mhz)	26	18	12.5/14.7 (MCS11)	37.71	39.23	320	Pass
	6465	103	ax (80Mhz)	26	36	12.5/14.7 (MCS11)	18.30	19.76	320	Pass
	6505	111 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	19.61	20.88	320	Pass
	6505		ax (160MHz)	26	36	12.5/14.7 (MCS11)	23.09	24.15	320	Pass
	6505	111 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.75	21.59	320	Pass

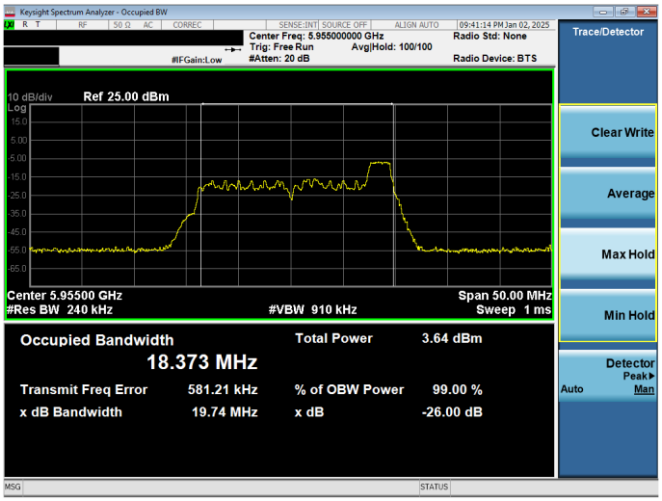
Table 7-9. Conducted Bandwidth Measurements Antenna WF2a (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.26	19.61	320	Pass
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.04	18.21	320	Pass
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.41	19.66	320	Pass
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.23	19.60	320	Pass
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.05	18.21	320	Pass
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.39	19.66	320	Pass
	6875	185	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.26	19.66	320	Pass
	6875	185	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.07	18.24	320	Pass
	6875	185	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.43	19.80	320	Pass
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.21	19.73	320	Pass
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.31	22.25	320	Pass
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.40	20.22	320	Pass
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.13	19.67	320	Pass
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.22	21.79	320	Pass
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.38	20.15	320	Pass
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.19	19.94	320	Pass
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.10	22.42	320	Pass
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.32	19.97	320	Pass
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.24	19.80	320	Pass
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.64	38.85	320	Pass
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.37	19.75	320	Pass
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.19	19.57	320	Pass
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.57	38.77	320	Pass
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.46	19.77	320	Pass
	6865	183	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.12	19.60	320	Pass
	6865	183	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.51	38.64	320	Pass
	6865	183	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.39	19.61	320	Pass
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.95	20.56	320	Pass
	6665		ax (160MHz)	26	36	12.5/14.7 (MCS11)	23.11	24.86	320	Pass
	6665	143 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	21.09	21.85	320	Pass
	6825	175 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.97	20.78	320	Pass
	6825		ax (160MHz)	26	36	12.5/14.7 (MCS11)	22.95	24.26	320	Pass
	6825	175 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	21.19	22.15	320	Pass
Band 8	6895	189	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.26	19.65	320	Pass
	6895	189	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.07	18.22	320	Pass
	6895	189	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.39	19.70	320	Pass
	6995	209	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.25	19.54	320	Pass
	6995	209	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.06	18.23	320	Pass
	6995	209	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.38	19.53	320	Pass
	7095	229	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.27	19.57	320	Pass
	7095	229	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.06	18.21	320	Pass
	7095	229	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.39	19.60	320	Pass
	6885	187	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.17	19.72	320	Pass
	6885	187	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.22	22.52	320	Pass
	6885	187	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.42	20.22	320	Pass
	7005	211	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.15	19.75	320	Pass
	7005	211	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.18	21.90	320	Pass
	7005	211	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.26	19.70	320	Pass
	7085	227	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.15	19.66	320	Pass
	7085	227	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.21	22.41	320	Pass
	7085	227	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.30	20.11	320	Pass
	6945	199	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.22	19.71	320	Pass
	6945	199	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.85	38.86	320	Pass
	6945	199	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.27	19.60	320	Pass
	7025	215	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.15	19.62	320	Pass
	7025	215	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.59	38.75	320	Pass
	7025	215	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.34	19.71	320	Pass
	6985	207 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.74	20.46	320	Pass
	6985		ax (160MHz)	26	36	12.5/14.7 (MCS11)	22.52	24.21	320	Pass
	6985	207 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.64	21.18	320	Pass

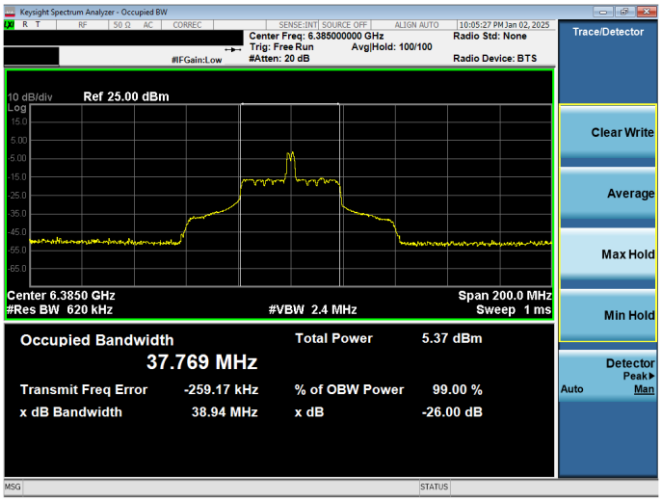
Table 7-10. Conducted Bandwidth Measurements Antenna WF2a (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	5935	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.06	21.29	320	Pass
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.06	21.14	320	Pass
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.07	21.19	320	Pass
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.90	41.57	320	Pass
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.96	41.64	320	Pass
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.94	41.34	320	Pass
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.21	83.07	320	Pass
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.16	82.17	320	Pass
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.47	82.91	320	Pass
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.26	166.25	320	Pass
	6185	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.79	166.41	320	Pass
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.40	167.36	320	Pass
Band 6	6345	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	21.22	320	Pass
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.04	21.18	320	Pass
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.05	21.22	320	Pass
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.96	41.59	320	Pass
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.91	41.54	320	Pass
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.97	41.38	320	Pass
	6465	103	ax (80Mhz)	996	67	510.4/600.5 (MCS11)	77.26	82.57	320	Pass
	6505	111	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.41	166.40	320	Pass
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.07	21.15	320	Pass
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	21.11	320	Pass
	6875	185	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.05	21.30	320	Pass
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.97	41.21	320	Pass
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.00	41.38	320	Pass
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.96	41.54	320	Pass
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.31	82.56	320	Pass
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.03	82.31	320	Pass
	6865	183	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.20	82.55	320	Pass
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.22	166.08	320	Pass
	6825	175	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.23	164.99	320	Pass
Band 8	6895	189	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.05	21.11	320	Pass
	6995	209	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	21.36	320	Pass
	7115	229	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.00	21.09	320	Pass
	6885	187	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.93	41.46	320	Pass
	7005	211	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.97	41.65	320	Pass
	7085	227	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.95	41.34	320	Pass
	6945	199	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.35	82.83	320	Pass
	7025	215	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.39	82.89	320	Pass
	6985	207	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.49	167.21	320	Pass

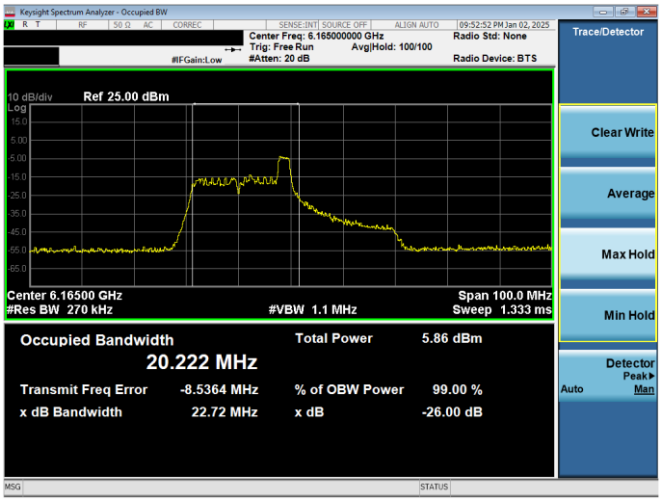
Table 7-11. Conducted Bandwidth Measurements Antenna WF2a (Fully – Loaded RU)



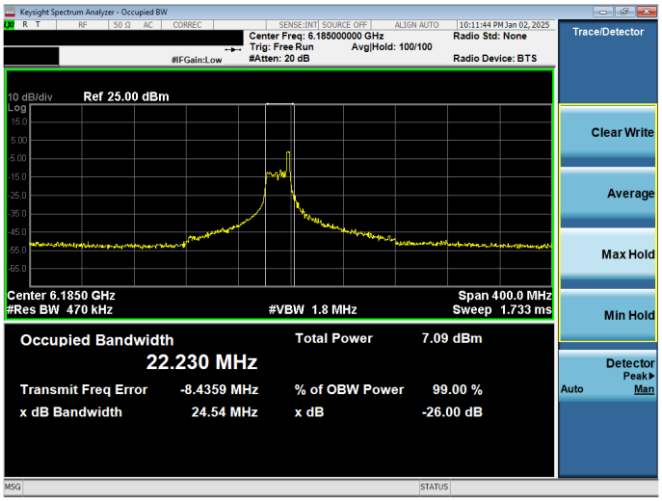
Plot 7-81. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 1)



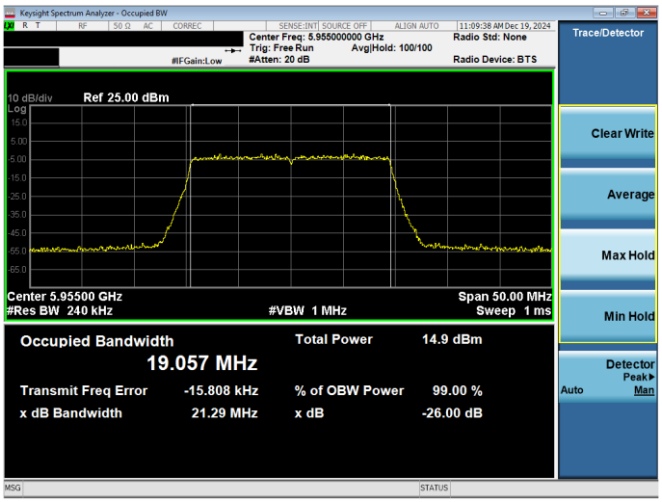
Plot 7-83. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 87)



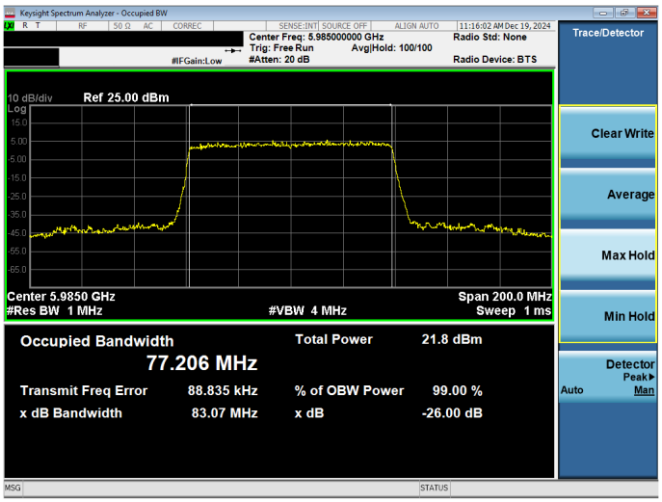
Plot 7-82. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



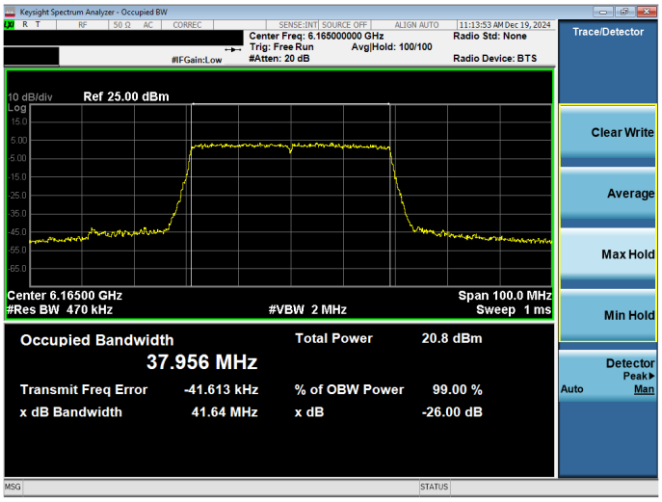
Plot 7-84. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



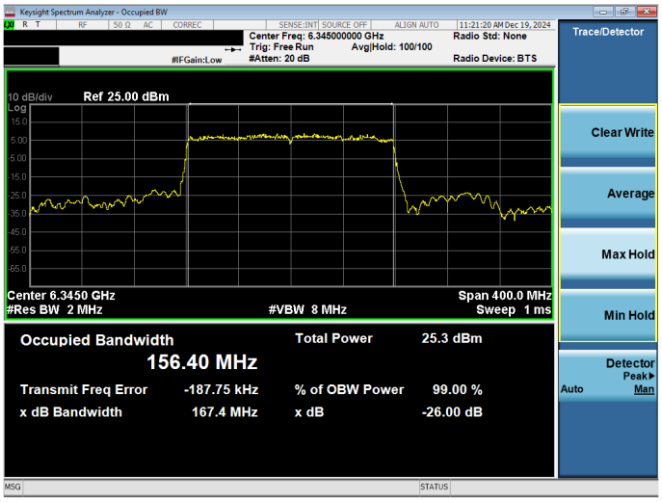
Plot 7-85. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 1)



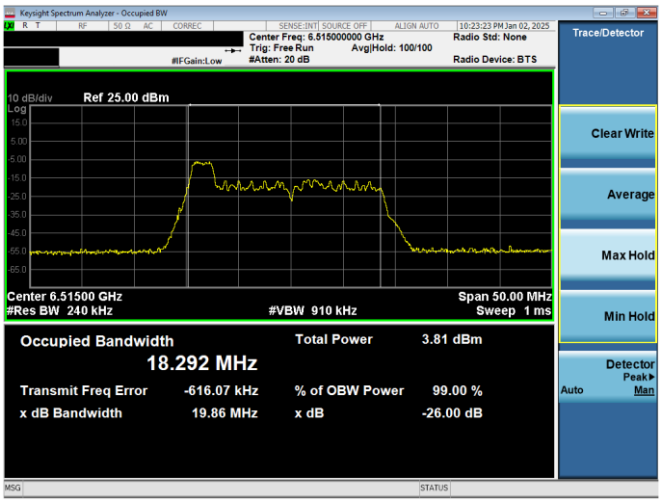
Plot 7-87. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 7)



Plot 7-86. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)

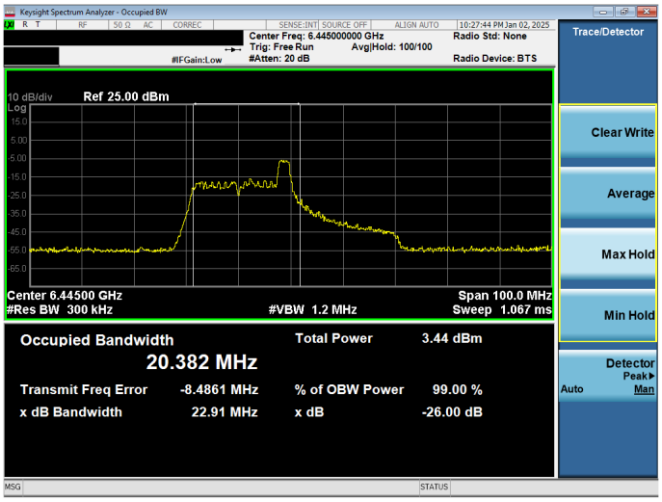


Plot 7-88. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 79)

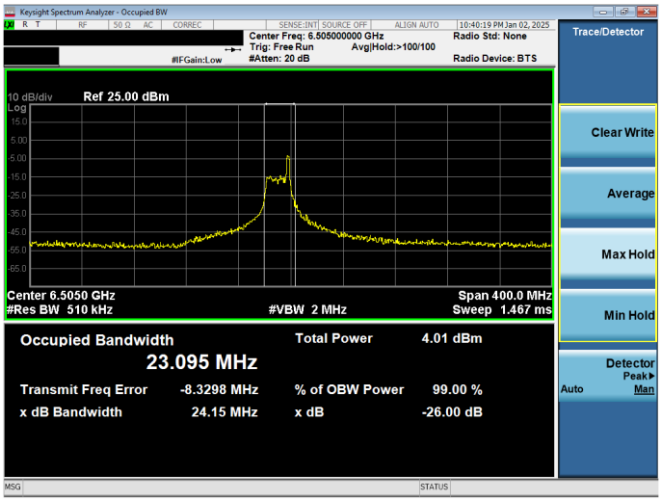


Plot 7-89. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 113)

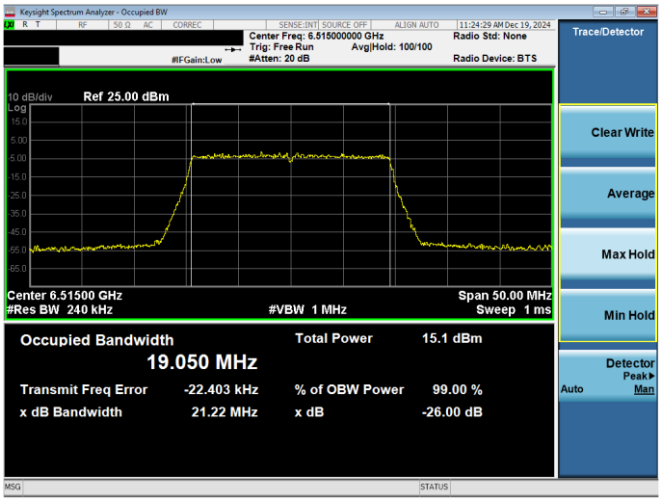
Plot 7-91. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



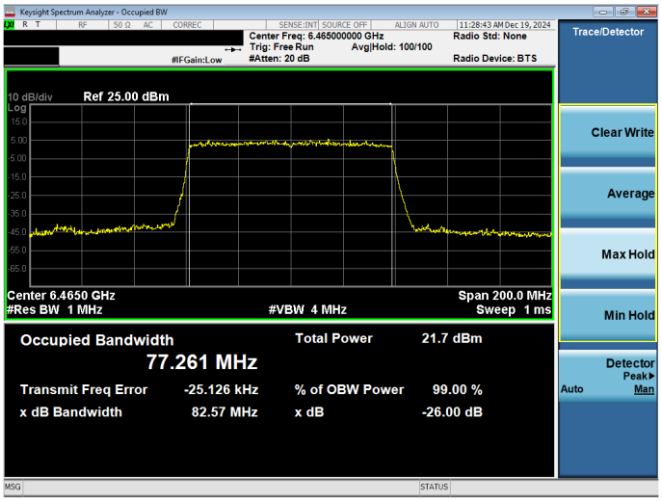
Plot 7-90. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 99)



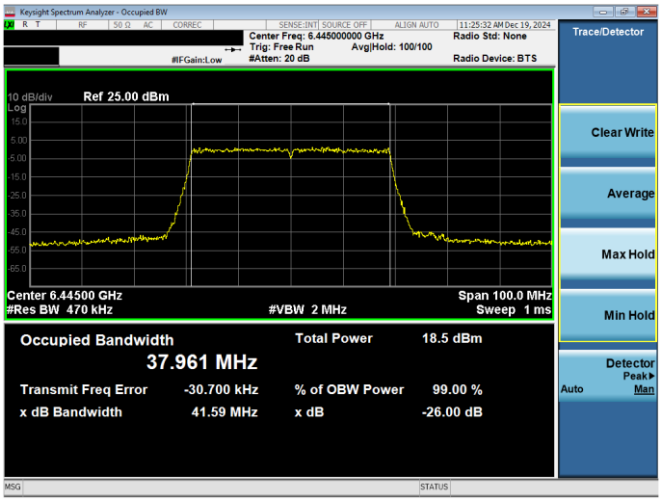
Plot 7-92. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)



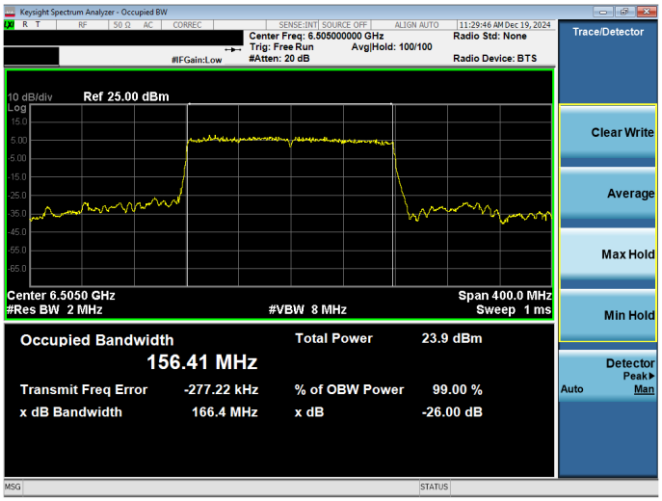
Plot 7-93. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 113)



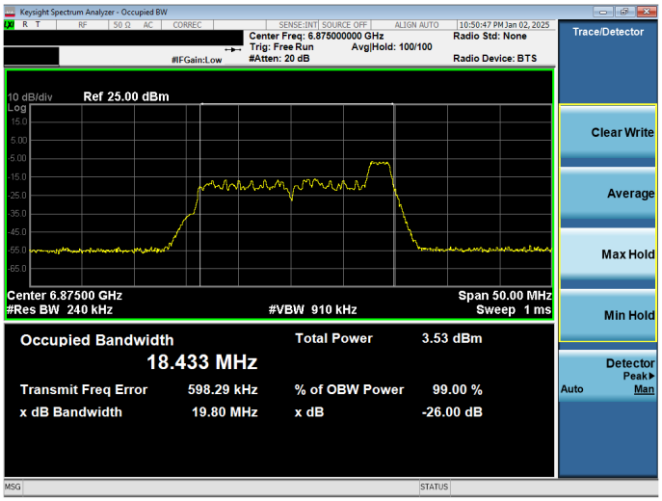
Plot 7-95. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)



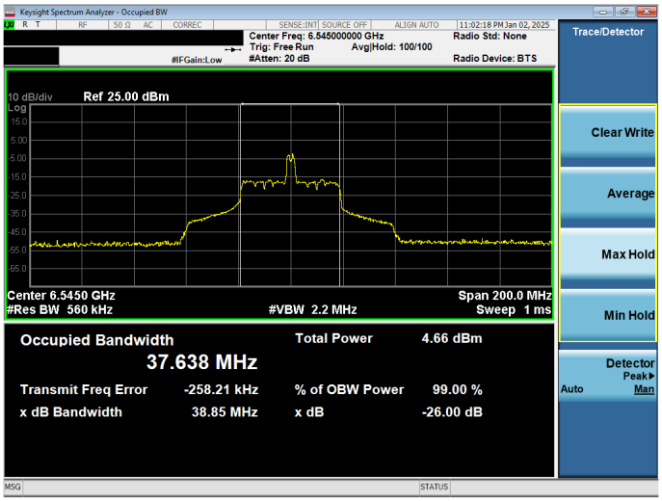
Plot 7-94. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 99)



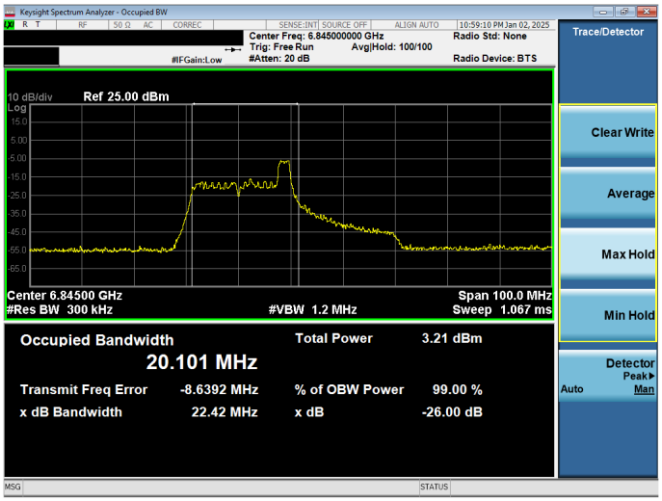
Plot 7-96. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)



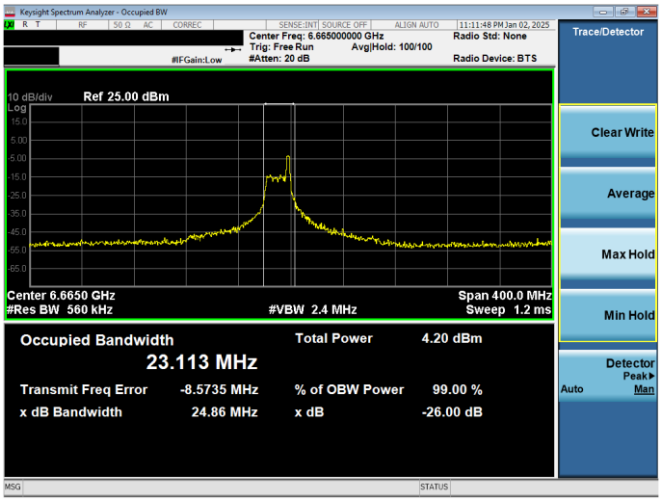
Plot 7-97. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 185)



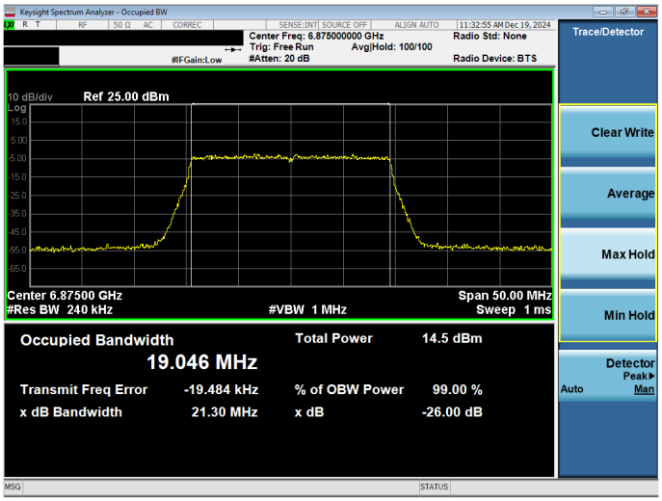
Plot 7-99. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 119)



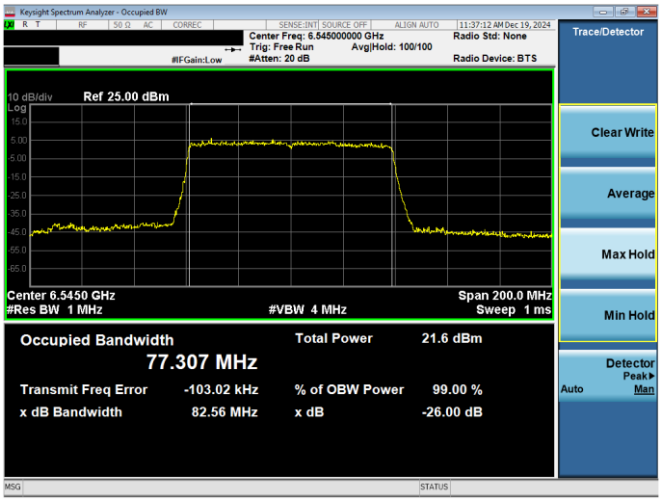
Plot 7-98. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 179)



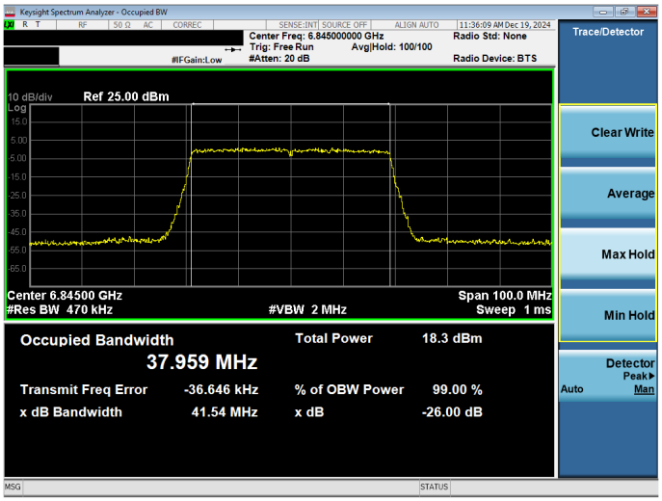
Plot 7-100. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



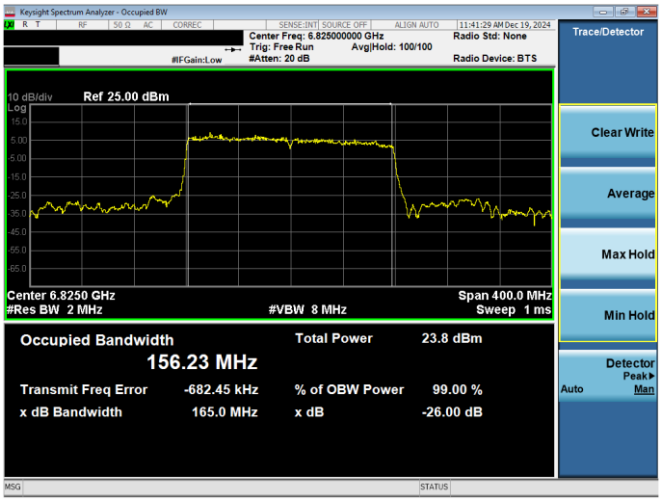
Plot 7-101. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 185)



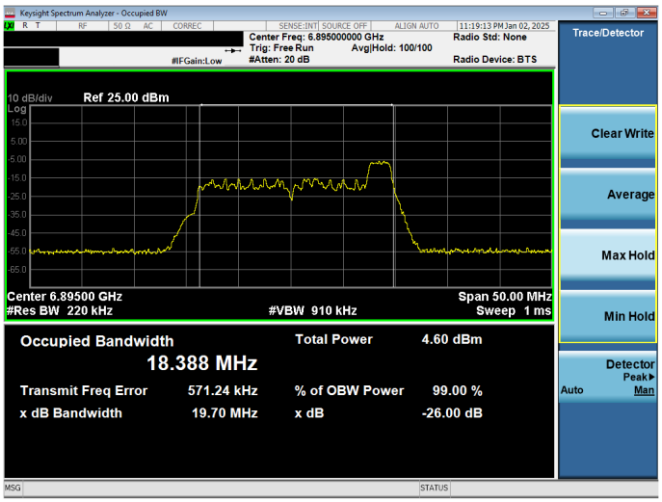
Plot 7-103. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 119)



Plot 7-102. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)

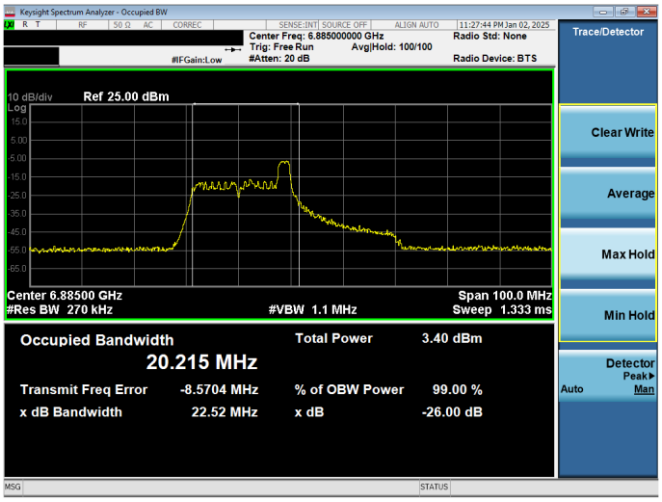


Plot 7-104. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 175)

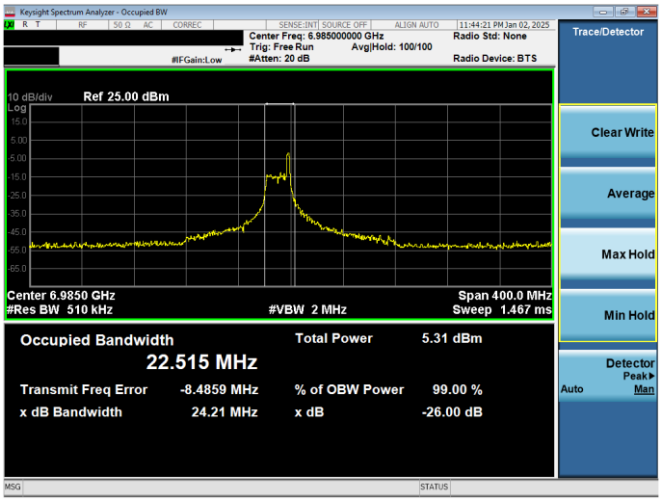


Plot 7-105. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 189)

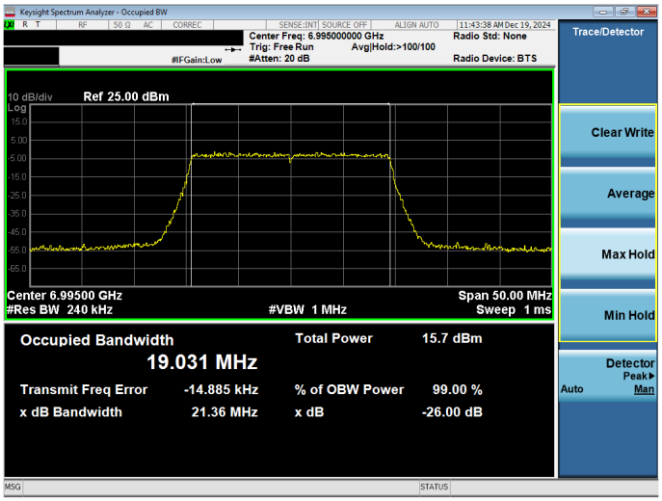
Plot 7-107. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU26 (UNII Band 8) – Ch.199)



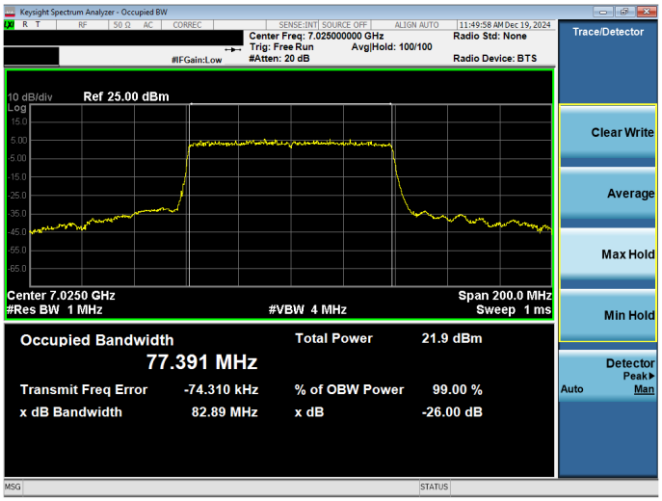
Plot 7-106. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 187)



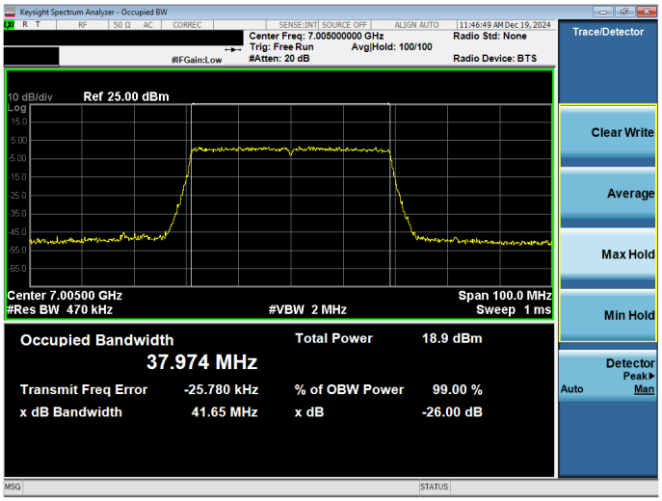
Plot 7-108. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



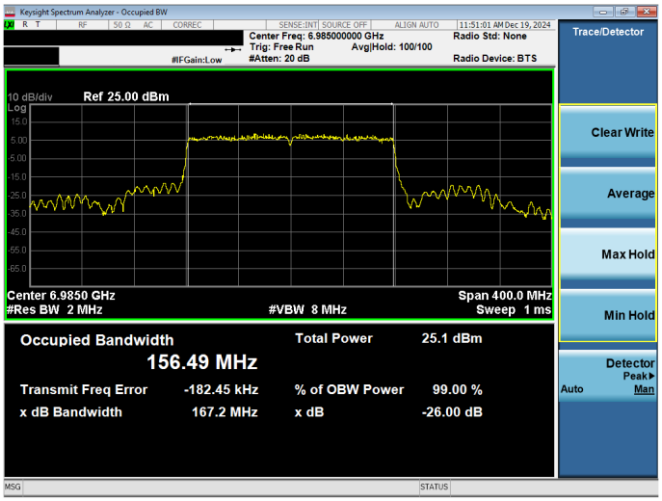
Plot 7-109. 26dB & 99% Bandwidth Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



Plot 7-111. 26dB & 99% Bandwidth Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 215)



Plot 7-110. 26dB & 99% Bandwidth Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)



Plot 7-112. 26dB & 99% Bandwidth Plot Antenna WF2a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

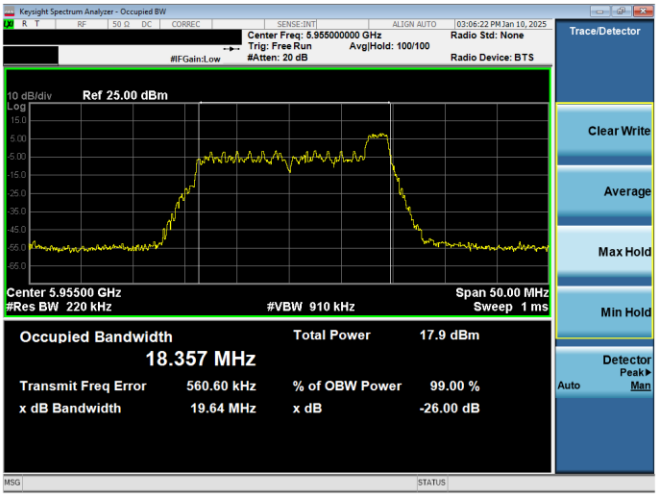
7.2.5 Antenna WF7b 26dB & 99% Bandwidth Measurements – SP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	5935	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.19	19.46	320	Pass
	5935	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.12	18.15	320	Pass
	5935	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.36	19.64	320	Pass
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.19	19.47	320	Pass
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.12	18.16	320	Pass
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.33	19.39	320	Pass
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.28	19.57	320	Pass
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	16.94	18.08	320	Pass
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.33	19.51	320	Pass
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.04	19.52	320	Pass
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.49	22.16	320	Pass
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.27	20.03	320	Pass
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.21	19.94	320	Pass
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.68	21.78	320	Pass
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.07	19.65	320	Pass
	6165	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.12	19.54	320	Pass
	6165	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.77	22.25	320	Pass
	6165	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.23	19.96	320	Pass
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.13	19.56	320	Pass
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.37	39.02	320	Pass
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.27	19.42	320	Pass
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.11	19.35	320	Pass
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.49	39.10	320	Pass
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.16	19.51	320	Pass
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.26	19.52	320	Pass
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.36	39.43	320	Pass
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.31	19.50	320	Pass
	6025	15 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.46	20.46	320	Pass
	6025		ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.92	23.35	320	Pass
	6025	15 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	18.62	21.05	320	Pass
	6181	47 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.79	21.14	320	Pass
	6181		ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.78	23.20	320	Pass
	6181	47 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.44	22.57	320	Pass
	6345	79 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.70	20.30	320	Pass
	6345		ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.38	22.39	320	Pass
	6345	79 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.17	21.48	320	Pass
Band 6	6345	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.26	19.62	320	Pass
	6345	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.04	18.23	320	Pass
	6345	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.35	19.57	320	Pass
	6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.28	19.73	320	Pass
	6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.03	18.23	320	Pass
	6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.32	19.61	320	Pass
	6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.25	19.63	320	Pass
	6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.08	18.25	320	Pass
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.36	19.66	320	Pass
	6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.19	19.65	320	Pass
	6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.23	21.99	320	Pass
	6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.21	19.96	320	Pass
	6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.11	19.81	320	Pass
	6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.13	22.19	320	Pass
	6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.38	20.04	320	Pass
	6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.15	19.68	320	Pass
	6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.12	22.04	320	Pass
	6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.22	19.98	320	Pass
	6465	103	ax (80Mhz)	26	0	12.5/14.7 (MCS11)	18.10	19.72	320	Pass
	6465	103	ax (80Mhz)	26	18	12.5/14.7 (MCS11)	37.36	38.81	320	Pass
	6465	103	ax (80Mhz)	26	36	12.5/14.7 (MCS11)	18.19	19.68	320	Pass
	6505	111 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.71	20.98	320	Pass
	6505		ax (160MHz)	26	36	12.5/14.7 (MCS11)	21.20	22.82	320	Pass
	6505	111 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.65	21.72	320	Pass
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.23	19.70	320	Pass
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.10	18.10	320	Pass
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.34	19.51	320	Pass
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.25	19.58	320	Pass
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.15	18.19	320	Pass
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.35	19.67	320	Pass
	6875	181	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.24	19.62	320	Pass
	6875	181	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.04	18.16	320	Pass
	6875	181	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.37	19.54	320	Pass
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.10	19.64	320	Pass
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.56	22.17	320	Pass
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.17	20.14	320	Pass
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.06	19.79	320	Pass
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.81	22.31	320	Pass
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.13	19.60	320	Pass
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.12	19.85	320	Pass
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	19.80	22.23	320	Pass
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.22	19.76	320	Pass
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.13	19.75	320	Pass
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.50	38.85	320	Pass
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.26	19.55	320	Pass
	6545	135	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.05	19.61	320	Pass
	6545	135	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.43	39.38	320	Pass
	6545	135	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.24	19.64	320	Pass
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.10	19.20	320	Pass
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.44	38.94	320	Pass
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.25	19.57	320	Pass
	6865	167	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.05	19.56	320	Pass
	6865	167	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.43	39.29	320	Pass
	6865	167	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.27	19.59	320	Pass
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.90	20.67	320	Pass
	6665		ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.55	22.82	320	Pass
	6665	143 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.45	22.35	320	Pass

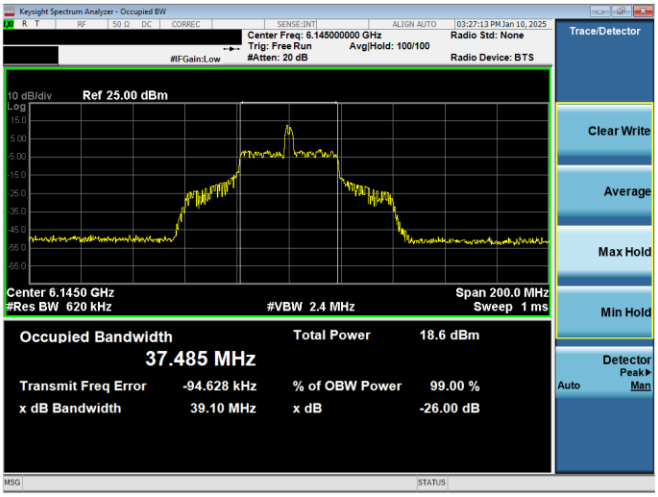
Table 7-12. Conducted Bandwidth Measurements Antenna WF7b (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	5935	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.04	20.92	320	Pass
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.99	21.05	320	Pass
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	20.98	320	Pass
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.19	60.38	320	Pass
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.05	41.69	320	Pass
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.94	41.22	320	Pass
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.43	99.73	320	Pass
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.33	98.91	320	Pass
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.54	98.71	320	Pass
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	159.14	312.19	320	Pass
	6181	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	158.33	308.76	320	Pass
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	158.22	303.10	320	Pass
Band 6	6345	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.05	21.31	320	Pass
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.08	21.16	320	Pass
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	21.34	320	Pass
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.11	41.95	320	Pass
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.01	41.38	320	Pass
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.01	41.35	320	Pass
	6465	103	ax (80Mhz)	996	67	510.4/600.5 (MCS11)	77.57	83.12	320	Pass
	6505	111	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	158.44	309.51	320	Pass
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.06	21.05	320	Pass
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.06	21.24	320	Pass
	6875	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.04	21.33	320	Pass
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.10	41.53	320	Pass
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.11	47.68	320	Pass
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.13	55.49	320	Pass
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.28	82.81	320	Pass
	6545	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.52	99.18	320	Pass
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.41	99.67	320	Pass
	6865	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.51	100.36	320	Pass
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	158.30	305.92	320	Pass

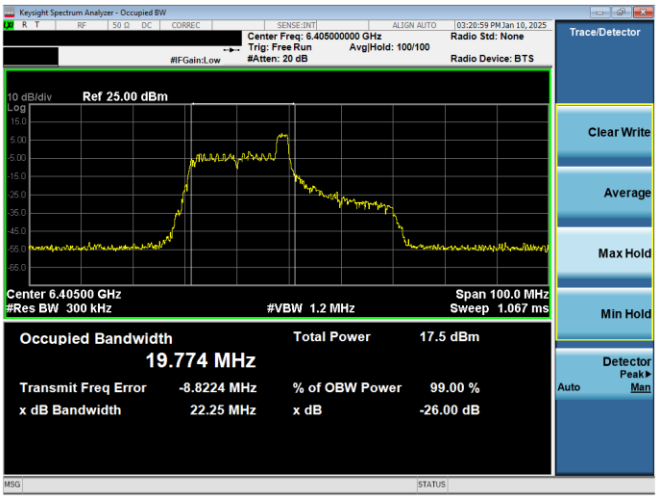
Table 7-13. Conducted Bandwidth Measurements Antenna WF7b (Fully – Loaded RU)



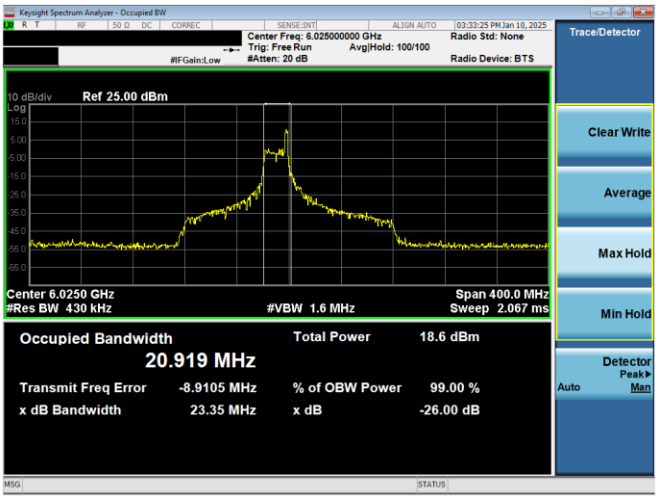
Plot 7-113. 26dB & 99% Bandwidth Plot Antenna WF7b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 1)



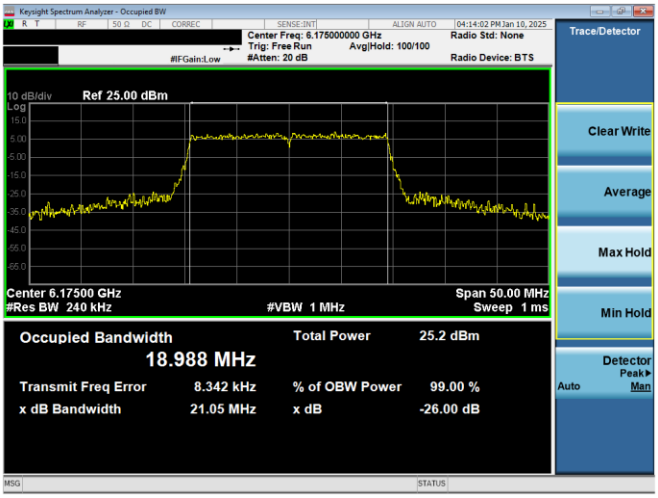
Plot 7-115. 26dB & 99% Bandwidth Plot Antenna WF7b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



Plot 7-114. 26dB & 99% Bandwidth Plot Antenna WF7b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 91)



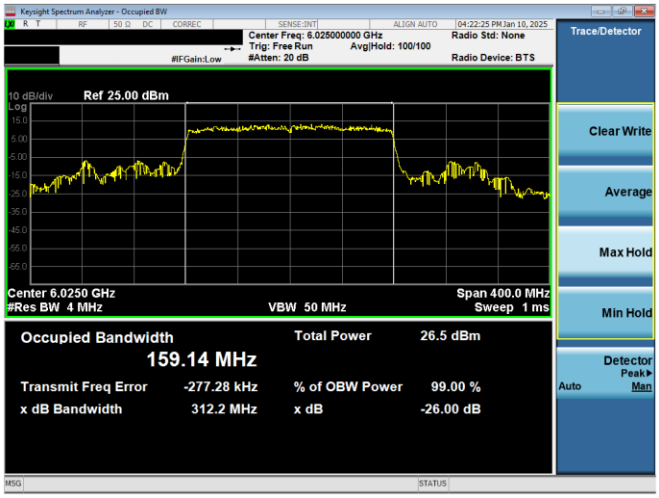
Plot 7-116. 26dB & 99% Bandwidth Plot Antenna WF7b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 15)



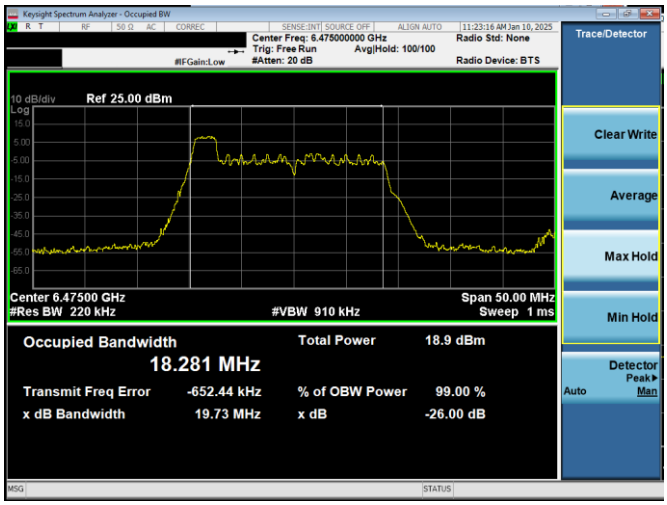
Plot 7-117. 26dB & 99% Bandwidth Plot Antenna WF7b (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)

Plot 7-118. 26dB & 99% Bandwidth Plot Antenna WF7b (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 3)

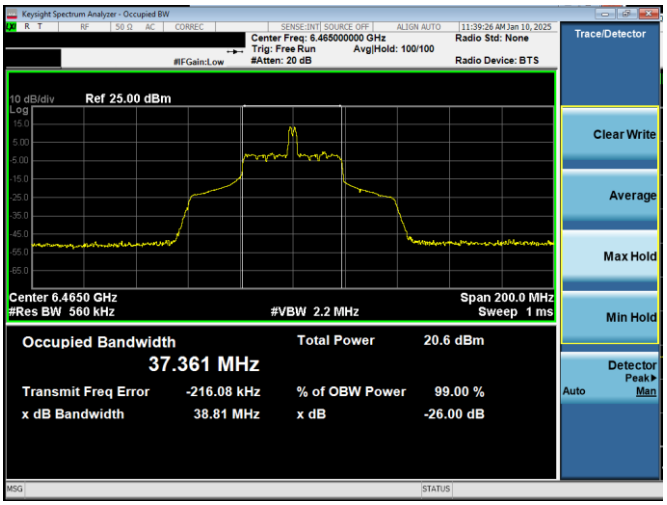
Plot 7-119. 26dB & 99% Bandwidth Plot Antenna WF7b (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 7)



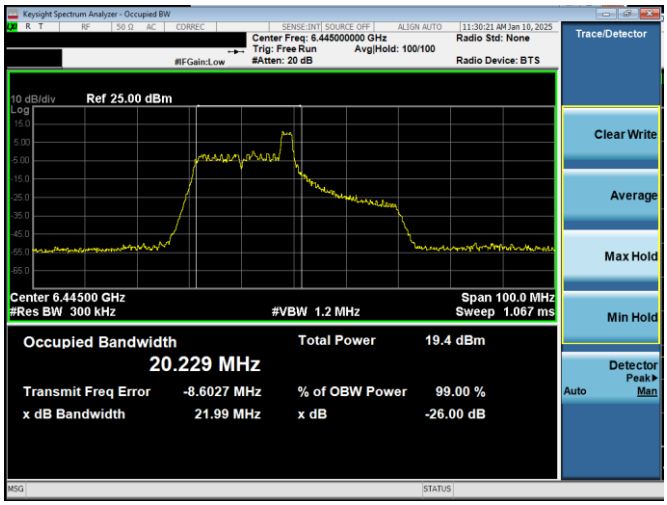
Plot 7-120. 26dB & 99% Bandwidth Plot Antenna WF7b (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 15)



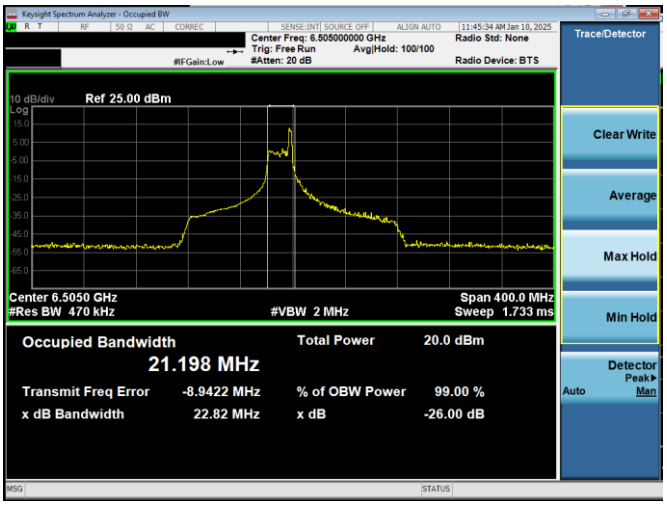
Plot 7-121. 26dB & 99% Bandwidth Plot Antenna WF7b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



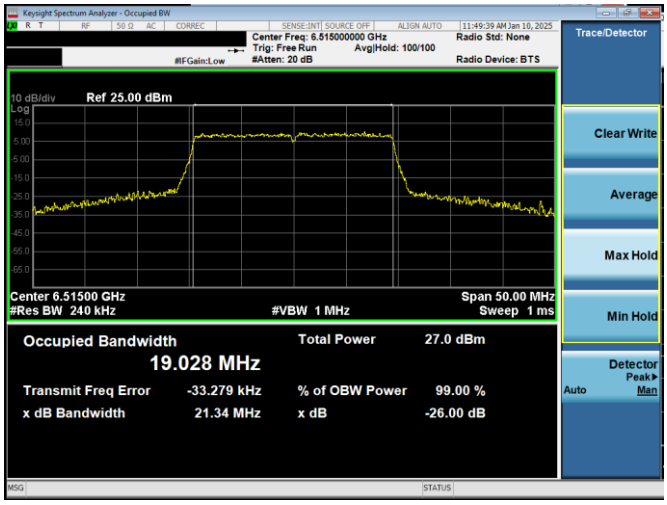
Plot 7-123. 26dB & 99% Bandwidth Plot Antenna WF7b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



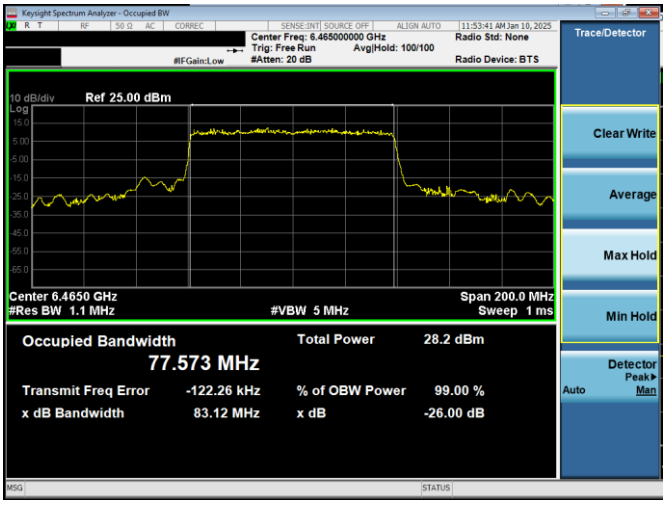
Plot 7-122. 26dB & 99% Bandwidth Plot Antenna WF7b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 99)



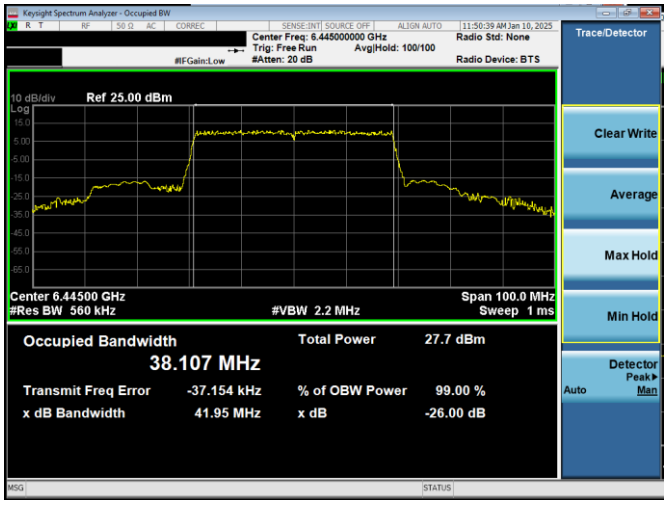
Plot 7-124. 26dB & 99% Bandwidth Plot Antenna WF7b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)



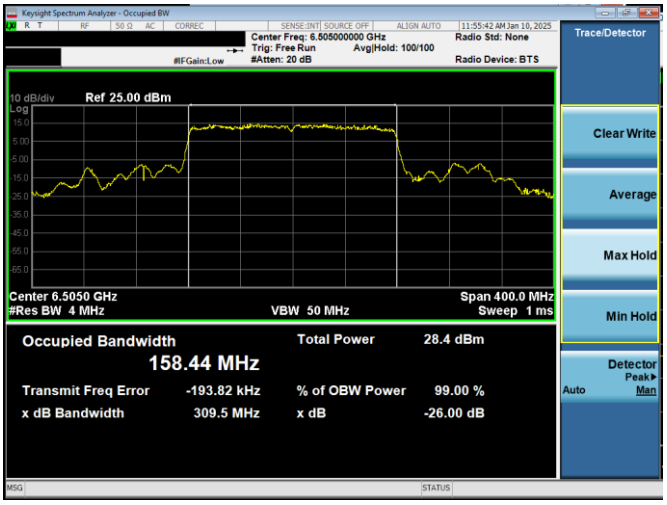
Plot 7-125. 26dB & 99% Bandwidth Plot Antenna WF7b (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 113)



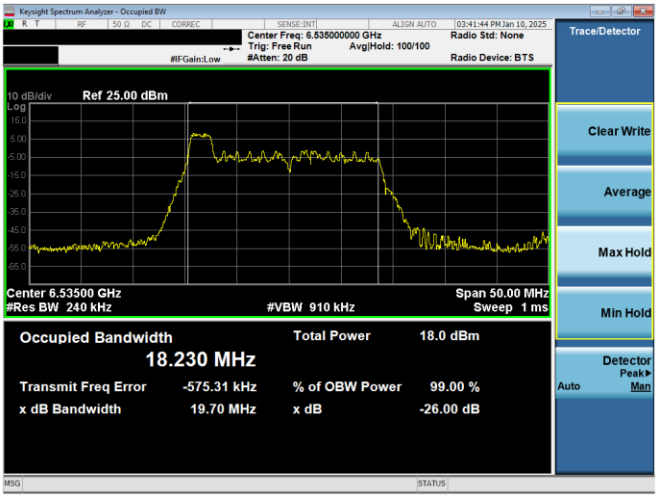
Plot 7-127. 26dB & 99% Bandwidth Plot Antenna WF7b (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)



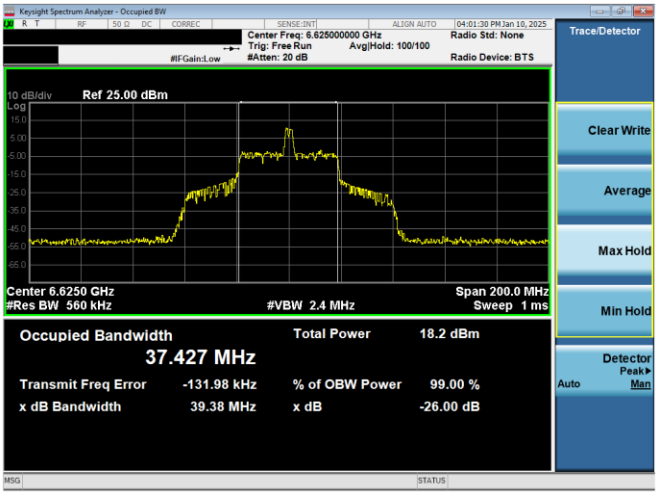
Plot 7-126. 26dB & 99% Bandwidth Plot Antenna WF7b (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 99)



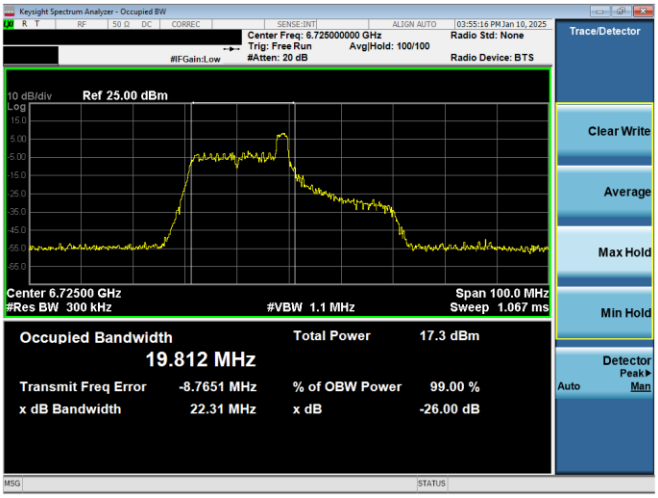
Plot 7-128. 26dB & 99% Bandwidth Plot Antenna WF7b (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)



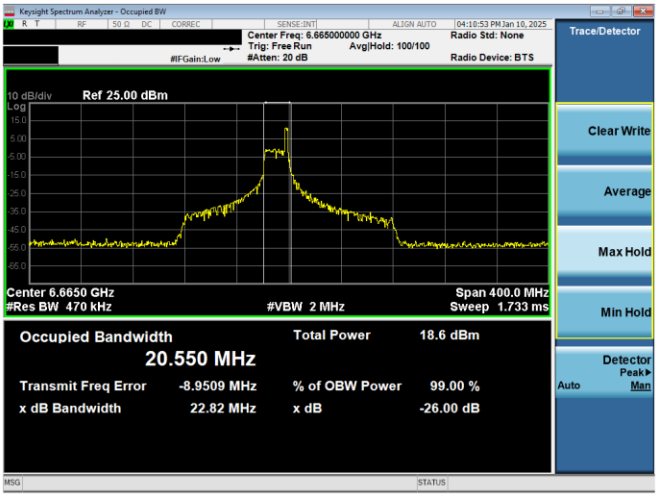
Plot 7-129. 26dB & 99% Bandwidth Plot Antenna WF7b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 117)



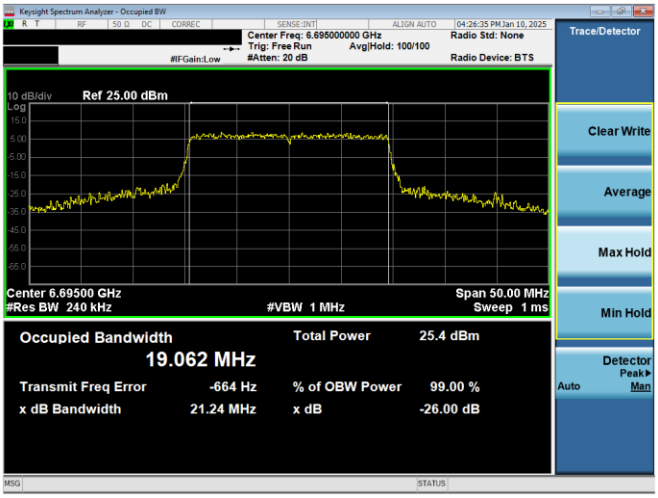
Plot 7-131. 26dB & 99% Bandwidth Plot Antenna WF7b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 135)



Plot 7-130. 26dB & 99% Bandwidth Plot Antenna WF7b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

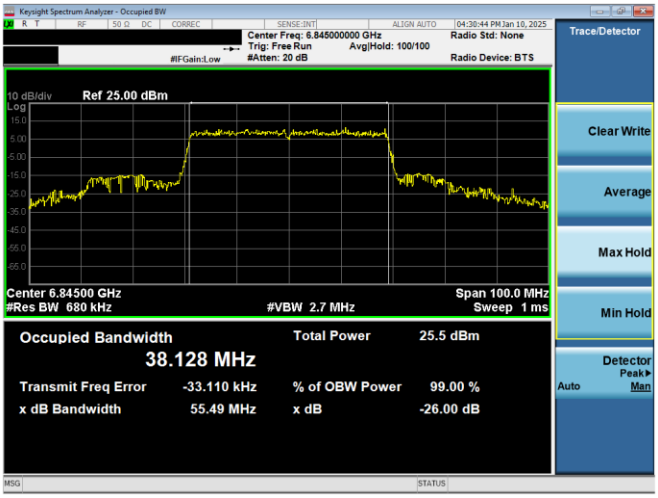


Plot 7-132. 26dB & 99% Bandwidth Plot Antenna WF7b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

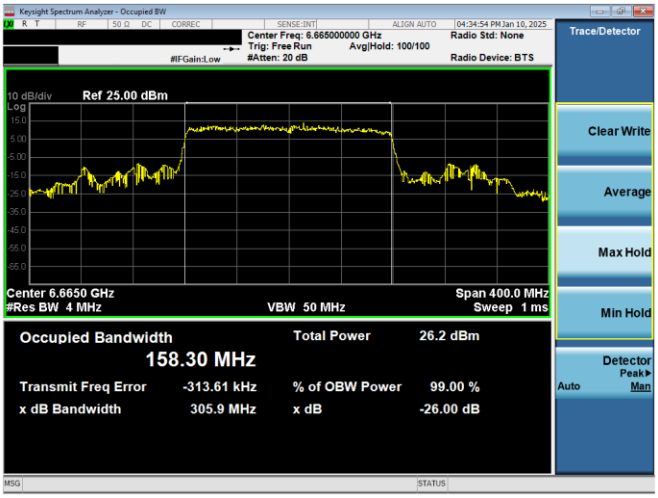


Plot 7-133. 26dB & 99% Bandwidth Plot Antenna WF7b (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)

Plot 7-135. 26dB & 99% Bandwidth Plot Antenna WF7b (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-134. 26dB & 99% Bandwidth Plot Antenna WF7b (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)



Plot 7-136. 26dB & 99% Bandwidth Plot Antenna WF7b (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

7.2.6 Antenna WF7b 26dB & 99% Bandwidth Measurements – LPI

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	5935	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.28	19.63	320	Pass
	5935	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.06	18.20	320	Pass
	5935	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.40	19.64	320	Pass
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.27	19.85	320	Pass
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.03	18.22	320	Pass
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.37	19.73	320	Pass
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.22	19.63	320	Pass
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.06	18.22	320	Pass
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.37	19.66	320	Pass
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.16	19.82	320	Pass
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.33	22.20	320	Pass
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.37	20.09	320	Pass
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.19	19.64	320	Pass
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.08	21.67	320	Pass
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.28	20.09	320	Pass
	6165	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.21	19.94	320	Pass
	6165	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.51	22.27	320	Pass
	6165	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.24	20.13	320	Pass
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.30	19.80	320	Pass
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.56	38.74	320	Pass
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.34	19.48	320	Pass
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.31	19.57	320	Pass
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.30	38.52	320	Pass
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.23	19.56	320	Pass
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.17	19.58	320	Pass
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.63	38.66	320	Pass
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.31	19.76	320	Pass
	6025	15 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	19.04	20.95	320	Pass
	6025		ax (160MHz)	26	36	12.5/14.7 (MCS11)	22.78	23.66	320	Pass
	6025	15 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.83	21.25	320	Pass
	6185	47 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.98	20.52	320	Pass
	6185		ax (160MHz)	26	36	12.5/14.7 (MCS11)	22.58	23.90	320	Pass
	6185	47 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.73	21.30	320	Pass
	6345	79 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	19.13	20.83	320	Pass
	6345		ax (160MHz)	26	36	12.5/14.7 (MCS11)	22.03	22.92	320	Pass
	6345	79 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.63	21.28	320	Pass
Band 6	6345	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.26	19.54	320	Pass
	6345	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.03	18.13	320	Pass
	6345	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.38	19.62	320	Pass
	6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.26	19.54	320	Pass
	6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.03	18.19	320	Pass
	6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.34	19.66	320	Pass
	6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.30	19.66	320	Pass
	6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.07	18.24	320	Pass
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.37	19.61	320	Pass
	6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.21	19.76	320	Pass
	6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.46	22.82	320	Pass
	6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.27	19.92	320	Pass
	6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.25	19.73	320	Pass
	6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.14	21.75	320	Pass
	6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.34	20.15	320	Pass
	6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.22	19.71	320	Pass
	6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.22	22.10	320	Pass
	6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.28	20.00	320	Pass
	6465	103	ax (80Mhz)	26	0	12.5/14.7 (MCS11)	18.19	19.59	320	Pass
	6465	103	ax (80Mhz)	26	18	12.5/14.7 (MCS11)	37.71	38.92	320	Pass
	6465	103	ax (80Mhz)	26	36	12.5/14.7 (MCS11)	18.30	19.70	320	Pass
	6505	111 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.94	20.63	320	Pass
	6505		ax (160MHz)	26	36	12.5/14.7 (MCS11)	23.29	24.89	320	Pass
	6505	111 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.43	21.64	320	Pass

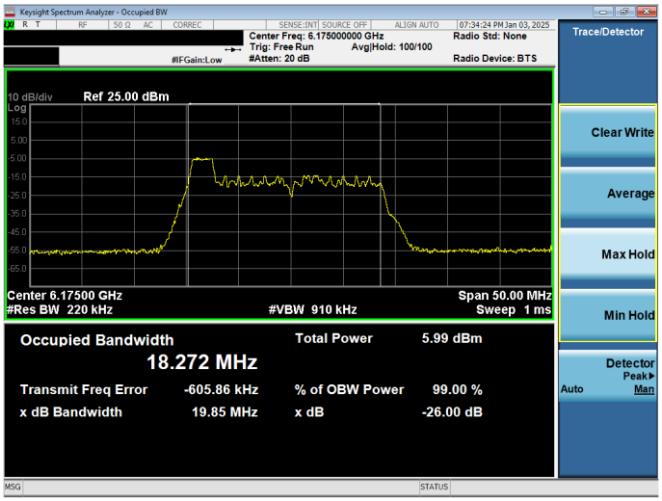
Table 7-14. Conducted Bandwidth Measurements Antenna WF7b (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.24	19.62	320	Pass
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.10	18.26	320	Pass
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.38	19.67	320	Pass
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.24	19.63	320	Pass
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.02	18.15	320	Pass
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.39	19.66	320	Pass
	6875	185	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.28	19.57	320	Pass
	6875	185	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.03	18.15	320	Pass
	6875	185	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.38	19.68	320	Pass
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.17	19.87	320	Pass
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.39	22.54	320	Pass
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.32	20.11	320	Pass
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.13	19.65	320	Pass
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.36	22.48	320	Pass
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.42	20.21	320	Pass
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.17	19.92	320	Pass
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.13	22.84	320	Pass
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.26	20.00	320	Pass
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.21	19.72	320	Pass
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.71	39.14	320	Pass
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.39	19.73	320	Pass
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.17	19.83	320	Pass
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.43	38.59	320	Pass
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.40	19.72	320	Pass
	6865	183	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.13	19.70	320	Pass
	6865	183	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.51	38.62	320	Pass
	6865	183	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.35	19.72	320	Pass
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.78	20.29	320	Pass
	6665		ax (160MHz)	26	36	12.5/14.7 (MCS11)	22.01	22.86	320	Pass
	6665	143 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	20.21	21.36	320	Pass
	6825	175 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	19.03	20.86	320	Pass
	6825		ax (160MHz)	26	36	12.5/14.7 (MCS11)	22.29	24.24	320	Pass
	6825	175 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.71	21.22	320	Pass
Band 8	6895	189	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.25	19.59	320	Pass
	6895	189	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.04	18.23	320	Pass
	6895	189	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.40	19.72	320	Pass
	6995	209	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.27	19.60	320	Pass
	6995	209	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.07	18.25	320	Pass
	6995	209	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.38	19.65	320	Pass
	7115	229	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.30	19.66	320	Pass
	7115	229	ax (20MHz)	26	4	12.5/14.7 (MCS11)	17.06	18.21	320	Pass
	7115	229	ax (20MHz)	26	8	12.5/14.7 (MCS11)	18.39	19.59	320	Pass
	6885	187	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.25	19.98	320	Pass
	6885	187	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.13	22.08	320	Pass
	6885	187	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.34	20.23	320	Pass
	7005	211	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.20	19.89	320	Pass
	7005	211	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.29	22.26	320	Pass
	7005	211	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.29	20.02	320	Pass
	7085	227	ax (40MHz)	26	0	12.5/14.7 (MCS11)	18.19	19.87	320	Pass
	7085	227	ax (40MHz)	26	8	12.5/14.7 (MCS11)	20.21	22.23	320	Pass
	7085	227	ax (40MHz)	26	17	12.5/14.7 (MCS11)	18.35	19.98	320	Pass
	6945	199	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.08	19.58	320	Pass
	6945	199	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.76	38.85	320	Pass
	6945	199	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.44	20.01	320	Pass
	7025	215	ax (80MHz)	26	0	12.5/14.7 (MCS11)	18.20	19.71	320	Pass
	7025	215	ax (80MHz)	26	18	12.5/14.7 (MCS11)	37.54	38.81	320	Pass
	7025	215	ax (80MHz)	26	36	12.5/14.7 (MCS11)	18.27	19.70	320	Pass
	6985	207 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	18.77	20.26	320	Pass
	6985		ax (160MHz)	26	36	12.5/14.7 (MCS11)	21.84	23.61	320	Pass
	6985	207 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	19.85	21.56	320	Pass

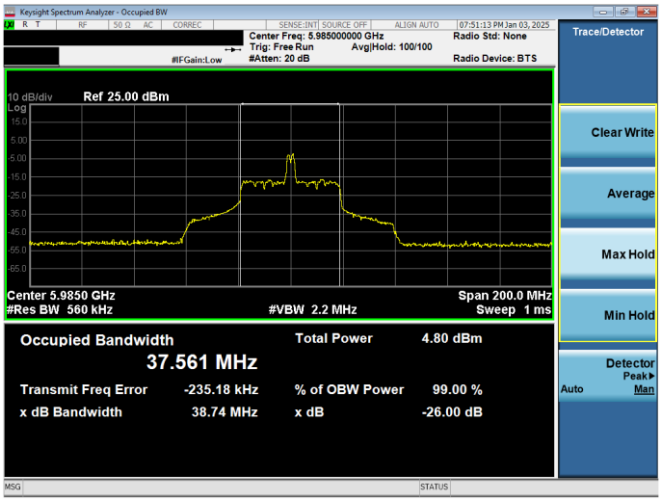
Table 7-15. Conducted Bandwidth Measurements Antenna WF7b (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	5935	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	21.22	320	Pass
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.07	21.25	320	Pass
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.06	21.22	320	Pass
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.98	41.53	320	Pass
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.94	41.42	320	Pass
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.92	41.33	320	Pass
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.20	82.52	320	Pass
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.30	82.85	320	Pass
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.29	82.58	320	Pass
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.28	166.03	320	Pass
	6185	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	157.08	242.52	320	Pass
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.34	166.23	320	Pass
Band 6	6345	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.06	21.33	320	Pass
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.04	21.16	320	Pass
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.06	20.99	320	Pass
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.96	41.49	320	Pass
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.93	41.65	320	Pass
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.93	41.32	320	Pass
	6465	103	ax (80Mhz)	996	67	510.4/600.5 (MCS11)	77.26	82.33	320	Pass
	6505	111	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.30	165.71	320	Pass
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.05	21.11	320	Pass
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.05	21.20	320	Pass
	6875	185	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.04	21.24	320	Pass
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.00	41.59	320	Pass
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.98	41.61	320	Pass
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.95	41.59	320	Pass
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.23	82.60	320	Pass
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.32	82.41	320	Pass
	6865	183	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.21	82.57	320	Pass
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.27	166.95	320	Pass
	6825	175	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	156.48	165.90	320	Pass
Band 8	6895	189	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.09	21.22	320	Pass
	6995	209	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.04	21.16	320	Pass
	7115	229	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.03	21.24	320	Pass
	6885	187	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.98	41.42	320	Pass
	7005	211	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.95	41.55	320	Pass
	7085	227	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.96	41.42	320	Pass
	6945	199	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.28	82.46	320	Pass
	7025	215	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.37	82.74	320	Pass
	6985	207	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	157.24	262.83	320	Pass

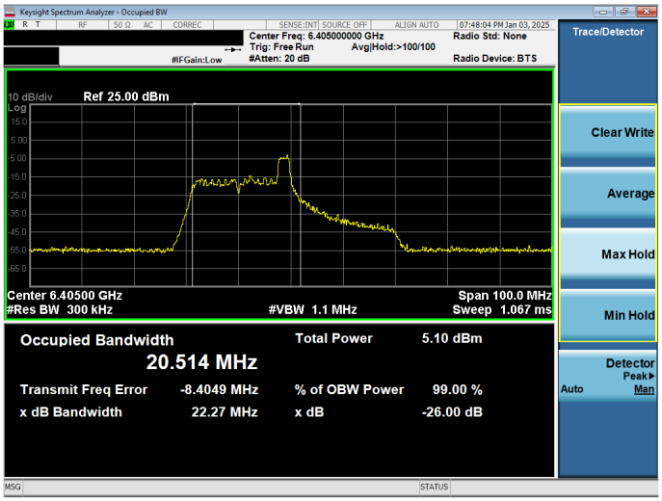
Table 7-16. Conducted Bandwidth Measurements Antenna WF7b (Fully – Loaded RU)



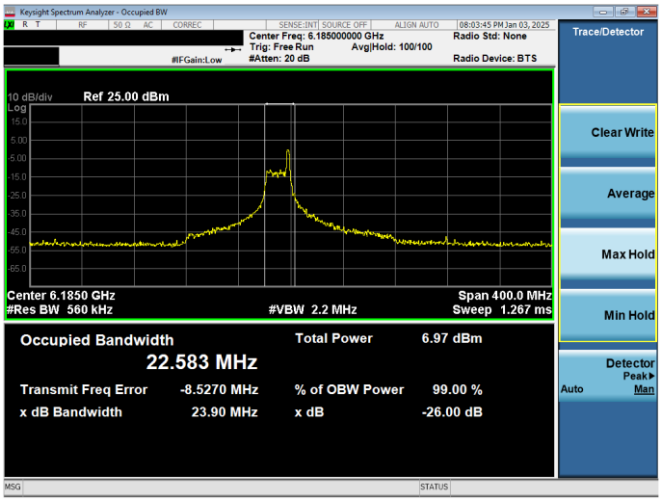
Plot 7-137. 26dB & 99% Bandwidth Plot Antenna WF7b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-139. 26dB & 99% Bandwidth Plot Antenna WF7b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 7)



Plot 7-138. 26dB & 99% Bandwidth Plot Antenna WF7b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 91)



Plot 7-140. 26dB & 99% Bandwidth Plot Antenna WF7b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)