

Appendix F. 26dB Bandwidth & 99% Occupied Bandwidth

1.1. Test Result and Data (26dB Bandwidth)

For ESY2211E -SISO-ANT A

U-NII-5

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT A	
11a	6 Mbps	1	5955	19.50	320.00
11a	6 Mbps	45	6175	19.81	320.00
11a	6 Mbps	93	6415	19.60	320.00

U-NII-6

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT A	
11a	6 Mbps	97	6435	19.48	320.00
11a	6 Mbps	105	6475	19.64	320.00
11a	6 Mbps	113	6515	19.64	320.00

U-NII-7

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT A	
11a	6 Mbps	117	6535	19.48	320.00
11a	6 Mbps	153	6715	19.67	320.00
11a	6 Mbps	181	6855	19.80	320.00

U-NII-8

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT A	
11a	6 Mbps	189	6895	19.51	320.00
11a	6 Mbps	213	7015	19.92	320.00
11a	6 Mbps	229	7095	19.73	320.00
11a	6 Mbps	233	7115	20.03	320.00

For SISO-ANT A

Maximum Conducted 26dB (Within 6525-6875MHz band)				
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	Limit (MHz)
			ANT A	
11a	6 Mbps	6875	9.93	320.00

Maximum Conducted 26dB (Extends across 6875MHz band)				
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	Limit (MHz)
			ANT A	
11a	6 Mbps	6875	10.11	320.00

For MIMO
U-NII-5

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
				ANT A	ANT B	
11ax HE20	NSS1-MCS0	1	5955	21.09	21.13	320.00
11ax HE20	NSS1-MCS0	45	6175	21.02	20.99	320.00
11ax HE20	NSS1-MCS0	93	6415	21.33	21.15	320.00
11ax HE40	NSS1-MCS0	3	5965	41.43	41.49	320.00
11ax HE40	NSS1-MCS0	43	6165	41.35	41.39	320.00
11ax HE40	NSS1-MCS0	91	6405	41.09	41.31	320.00
11ax HE80	NSS1-MCS0	7	5985	82.14	82.38	320.00
11ax HE80	NSS1-MCS0	39	6145	81.56	82.14	320.00
11ax HE80	NSS1-MCS0	87	6385	81.65	82.10	320.00
11ax HE160	NSS1-MCS0	15	6025	165.90	166.20	320.00
11ax HE160	NSS1-MCS0	47	6185	164.50	166.50	320.00
11ax HE160	NSS1-MCS0	79	6345	166.70	165.90	320.00

U-NII-6

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
				ANT A	ANT B	
11ax HE20	NSS1-MCS0	97	6435	21.32	20.99	320.00
11ax HE20	NSS1-MCS0	105	6475	21.56	20.86	320.00
11ax HE20	NSS1-MCS0	113	6515	21.26	21.05	320.00
11ax HE40	NSS1-MCS0	99	6445	41.39	40.88	320.00
11ax HE40	NSS1-MCS0	107	6485	41.14	41.13	320.00
11ax HE80	NSS1-MCS0	103	6465	82.22	81.36	320.00

U-NII-7

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
				ANT A	ANT B	
11ax HE20	NSS1-MCS0	117	6535	21.42	20.95	320.00
11ax HE20	NSS1-MCS0	153	6715	21.11	21.65	320.00
11ax HE20	NSS1-MCS0	181	6855	21.13	21.52	320.00
11ax HE40	NSS1-MCS0	123	6565	41.54	41.60	320.00
11ax HE40	NSS1-MCS0	155	6725	41.18	40.85	320.00
11ax HE40	NSS1-MCS0	179	6845	41.35	41.30	320.00
11ax HE80	NSS1-MCS0	135	6625	81.43	81.73	320.00
11ax HE80	NSS1-MCS0	151	6705	82.66	81.47	320.00
11ax HE80	NSS1-MCS0	167	6785	81.69	82.09	320.00
11ax HE160	NSS1-MCS0	143	6665	83.80	83.71	320.00

U-NII-8

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
				ANT A	ANT B	
11ax HE20	NSS1-MCS0	189	6895	21.32	21.22	320.00
11ax HE20	NSS1-MCS0	213	7015	21.66	20.61	320.00
11ax HE20	NSS1-MCS0	229	7095	21.69	20.97	320.00
11ax HE20	NSS1-MCS0	233	7115	28.97	21.31	320.00
11ax HE40	NSS1-MCS0	195	6925	41.37	41.38	320.00
11ax HE40	NSS1-MCS0	211	7005	41.32	41.47	320.00
11ax HE40	NSS1-MCS0	227	7085	41.29	41.25	320.00
11ax HE80	NSS1-MCS0	199	6945	81.70	81.73	320.00
11ax HE80	NSS1-MCS0	215	7025	82.55	81.89	320.00
11ax HE160	NSS1-MCS0	207	6985	166.40	165.60	320.00

For MIMO

Maximum Conducted 26dB (Within 6425-6525MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT A	ANT B	
11ax HE40	NSS1-MCS0	6525	20.65	20.54	320.00
11ax HE80	NSS1-MCS0	6545	21.76	21.20	320.00
11ax HE160	NSS1-MCS0	6505	103.20	101.80	320.00

Maximum Conducted 26dB (Extends across 6525MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT A	ANT B	
11ax HE40	NSS1-MCS0	6525	20.89	20.78	320.00
11ax HE80	NSS1-MCS0	6545	60.82	60.83	320.00
11ax HE160	NSS1-MCS0	6505	63.98	63.77	320.00

Maximum Conducted 26dB (Within 6525-6875MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT A	ANT B	
11ax HE20	NSS1-MCS0	6875	10.63	10.71	320.00
11ax HE40	NSS1-MCS0	6885	10.88	10.78	320.00
11ax HE80	NSS1-MCS0	6865	51.18	50.73	320.00
11ax HE160	NSS1-MCS0	6825	132.30	132.20	320.00

Maximum Conducted 26dB (Extends across 6875MHz band)					
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
			ANT A	ANT B	
11ax HE20	NSS1-MCS0	6875	10.62	10.89	320.00
11ax HE40	NSS1-MCS0	6885	30.76	30.85	320.00
11ax HE80	NSS1-MCS0	6865	31.60	31.49	320.00
11ax HE160	NSS1-MCS0	6825	35.33	35.53	320.00

Appendix E .Test Result and Data (99% Occupied Bandwidth)

For ESY22I1E-SISO-ANT A

U-NII-5

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)
				ANT A
11a	6 Mbps	1	5955	16.34
11a	6 Mbps	45	6175	16.33
11a	6 Mbps	93	6415	16.34

U-NII-6

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)
				ANT A
11a	6 Mbps	97	6435	16.34
11a	6 Mbps	105	6475	16.34
11a	6 Mbps	113	6515	16.34

U-NII-7

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)
				ANT A
11a	6 Mbps	117	6535	16.34
11a	6 Mbps	153	6715	16.35
11a	6 Mbps	181	6855	16.35

U-NII-8

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz))
				ANT A
11a	6 Mbps	189	6895	16.34
11a	6 Mbps	213	7015	16.35
11a	6 Mbps	229	7095	16.34
11a	6 Mbps	233	7115	16.38

For SISO-ANT A

Maximum Conducted 99% Bandwidth (Within 6525-6875MHz band)			
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)
			ANT A
11a	6 Mbps	6875	8.28

Maximum Conducted 99% Bandwidth (Extends across 6875MHz band)			
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)
			ANT A
11a	6 Mbps	6875	8.39

For ESY2211E -MIMO

U-NII-5

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
				ANT A	ANT B
11ax HE20	NSS1-MCS0	1	5955	18.90	18.89
11ax HE20	NSS1-MCS0	45	6175	18.91	18.91
11ax HE20	NSS1-MCS0	93	6415	18.94	18.91
11ax HE40	NSS1-MCS0	3	5965	37.84	37.79
11ax HE40	NSS1-MCS0	43	6165	37.81	37.86
11ax HE40	NSS1-MCS0	91	6405	37.87	37.78
11ax HE80	NSS1-MCS0	7	5985	76.97	76.96
11ax HE80	NSS1-MCS0	39	6145	76.87	77.05
11ax HE80	NSS1-MCS0	87	6385	76.87	76.94
11ax HE160	NSS1-MCS0	15	6025	155.20	155.48
11ax HE160	NSS1-MCS0	47	6185	155.23	155.69
11ax HE160	NSS1-MCS0	79	6345	155.47	155.47

U-NII-6

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
				ANT A	ANT B
11ax HE20	NSS1-MCS0	97	6435	18.92	18.89
11ax HE20	NSS1-MCS0	105	6475	18.90	18.90
11ax HE20	NSS1-MCS0	113	6515	18.91	18.89
11ax HE40	NSS1-MCS0	99	6445	37.84	37.80
11ax HE40	NSS1-MCS0	107	6485	37.80	37.78
11ax HE80	NSS1-MCS0	103	6465	76.79	76.80

U-NII-7

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
				ANT A	ANT B
11ax HE20	NSS1-MCS0	117	6535	18.91	18.89
11ax HE20	NSS1-MCS0	153	6715	18.89	18.90
11ax HE20	NSS1-MCS0	181	6855	18.92	18.90
11ax HE40	NSS1-MCS0	123	6565	37.84	37.85
11ax HE40	NSS1-MCS0	155	6725	37.84	37.83
11ax HE40	NSS1-MCS0	179	6845	37.78	37.82
11ax HE80	NSS1-MCS0	135	6625	76.71	76.94
11ax HE80	NSS1-MCS0	151	6705	77.08	76.93
11ax HE80	NSS1-MCS0	167	6785	76.90	76.88
11ax HE160	NSS1-MCS0	143	6665	77.80	77.64

U-NII-8

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
				ANT A	ANT B
11ax HE20	NSS1-MCS0	189	6895	18.90	18.90
11ax HE20	NSS1-MCS0	213	7015	18.93	18.86
11ax HE20	NSS1-MCS0	229	7095	18.92	18.90
11ax HE20	NSS1-MCS0	233	7115	18.96	18.92
11ax HE40	NSS1-MCS0	195	6925	37.79	37.77
11ax HE40	NSS1-MCS0	211	7005	37.88	37.80
11ax HE40	NSS1-MCS0	227	7085	37.76	37.79
11ax HE80	NSS1-MCS0	199	6945	76.76	76.72
11ax HE80	NSS1-MCS0	215	7025	77.07	76.88
11ax HE160	NSS1-MCS0	207	6985	155.53	155.32

For-MIMO

Maximum Conducted 99% Bandwidth (Within 6425-6525MHz band)				
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	
			ANT A	ANT B
11ax HE40	NSS1-MCS0	6525	19.12	19.00
11ax HE80	NSS1-MCS0	6545	19.37	19.27
11ax HE160	NSS1-MCS0	6505	97.83	97.55

Maximum Conducted 99% Bandwidth (Extends across 6525MHz band)				
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	
			ANT A	ANT B
11ax HE40	NSS1-MCS0	6525	19.21	19.17
11ax HE80	NSS1-MCS0	6545	58.29	58.33
11ax HE160	NSS1-MCS0	6505	58.80	58.97

Maximum Conducted 99% Bandwidth (Within 6525-6875MHz band)				
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	
			ANT A	ANT B
11ax HE20	NSS1-MCS0	6875	9.53	9.53
11ax HE40	NSS1-MCS0	6885	9.47	9.43
11ax HE80	NSS1-MCS0	6865	48.40	48.28
11ax HE160	NSS1-MCS0	6825	127.17	126.80

Maximum Conducted 99% Bandwidth (Extends across 6875MHz band)				
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	
			ANT A	ANT B
11ax HE20	NSS1-MCS0	6875	9.56	9.60
11ax HE40	NSS1-MCS0	6885	28.88	28.79
11ax HE80	NSS1-MCS0	6865	29.07	29.13
11ax HE160	NSS1-MCS0	6825	29.71	29.90

For ESY2211E-26dB Bandwidth

U-NII-5

SISO

ANT A

Modulation Type: 802.11a (6Mbps)

CH01



U-NII-6

ANT A

Modulation Type: 802.11a (6Mbps)

CH97



CH45



CH105



CH93



CH113



U-NII-7

SISO

ANT A

Modulation Type: 802.11a (6Mbps)

CH117



U-NII-8

ANT A

Modulation Type: 802.11a (6Mbps)

CH189



CH153



CH213



CH181



CH229



U-NII-8

SISO

ANT A

Modulation Type: 802.11a (6Mbps)

CH233



Straddle Channel
Within 6525-6875MHz band
ANT A
Modulation Type: 802.11a (6Mbps)
CH185



Straddle Channel
Extends across 6875MHz band
ANT A
Modulation Type: 802.11a (6Mbps)
CH185



26dB Bandwidth U-NII-5

MIMO

ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH01

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH03



CH45



CH43



CH93



CH91



26dB Bandwidth U-NII-5

MIMO

ANT A

Modulation Type: 802.11ax HE80 (30.6Mbps)
CH07Modulation Type: 802.11ax HE160 (61.3Mbps)
CH15

CH39



CH47



CH87



CH79



26dB Bandwidth U-NII-5

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH01

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH03



CH45



CH43



CH93



CH91



26dB Bandwidth U-NII-5

MIMO

ANT B

Modulation Type: 802.11ax HE80 (30.6Mbps)

CH07

Modulation Type: 802.11ax HE160 (61.3Mbps)
CH15

CH39



CH47



CH87



CH79



26dB Bandwidth U-NII-6

MIMO

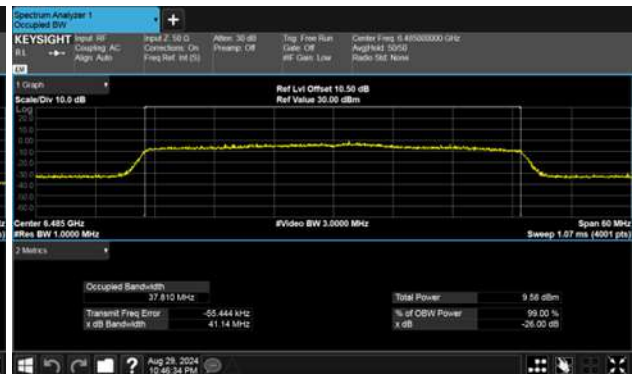
ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH97Modulation Type: 802.11ax HE40 (14.6Mbps)
CH99

CH105



CH107



CH113



26dB Bandwidth U-NII-6
MIMO
ANT A
Modulation Type: 802.11ax HE80 (30.6Mbps)
CH103



26dB Bandwidth U-NII-6

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH97Modulation Type: 802.11ax HE40 (14.6Mbps)
CH99

CH105



CH107



CH113



26dB Bandwidth U-NII-6
MIMO
ANT B
Modulation Type: 802.11ax HE80 (30.6Mbps)
CH103



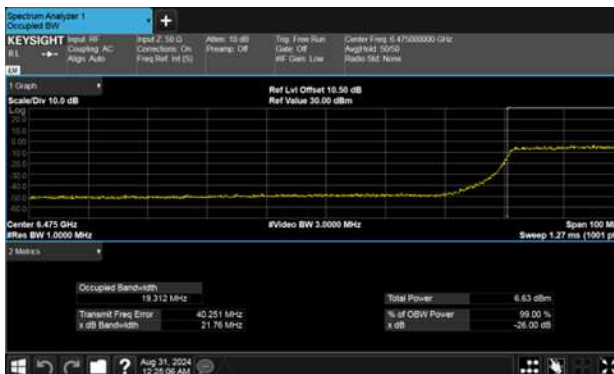
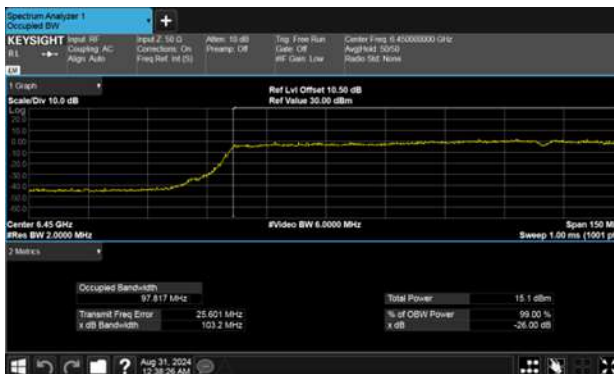
26dB Bandwidth Within 6425-6525MHz band

MIMO

ANT A

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH115

ANT B

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH115Modulation Type: 802.11ax HE80 (30.6Mbps)
CH119Modulation Type: 802.11ax HE80 (30.6Mbps)
CH119Modulation Type: 802.11ax HE160 (61.3Mbps)
CH111Modulation Type: 802.11ax HE160 (61.3Mbps)
CH111

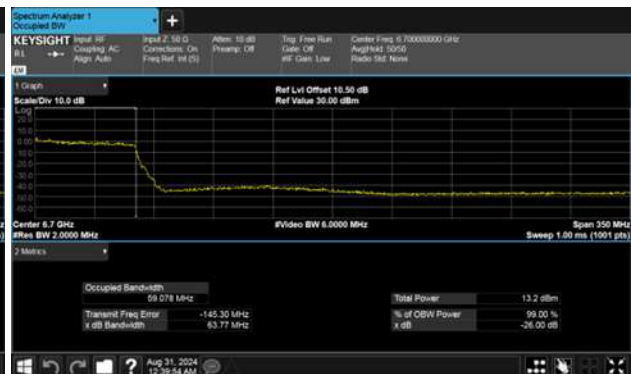
26dB Bandwidth Extends across 6525MHz band

MIMO

ANT A

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH115

ANT B

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH115Modulation Type: 802.11ax HE80 (30.6Mbps)
CH119Modulation Type: 802.11ax HE80 (30.6Mbps)
CH119Modulation Type: 802.11ax HE160 (61.3Mbps)
CH111Modulation Type: 802.11ax HE160 (61.3Mbps)
CH111

26dB Bandwidth U-NII-7

MIMO

ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH117

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH123



CH153



CH155



CH181



CH179



26dB Bandwidth U-NII-7

MIMO

ANT A

Modulation Type: 802.11ax HE80 (30.6Mbps)
CH135

Modulation Type: 802.11ax HE160 (61.3Mbps)
CH143



CH151



CH167



26dB Bandwidth U-NII-7

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH117

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH123



CH153



CH155



CH181



CH179



26dB Bandwidth U-NII-7

MIMO

ANT B

Modulation Type: 802.11ax HE80 (30.6Mbps)
CH135



Modulation Type: 802.11ax HE160 (61.3Mbps)
CH143



CH151



CH167



26dB Bandwidth Within 6525-6875MHz band

MIMO

ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH185

Modulation Type: 802.11ax HE160 (61.3Mbps)

CH175



Modulation Type: 802.11ax HE40 (14.6Mbps)

CH187



Modulation Type: 802.11ax HE80 (30.6Mbps)

CH183



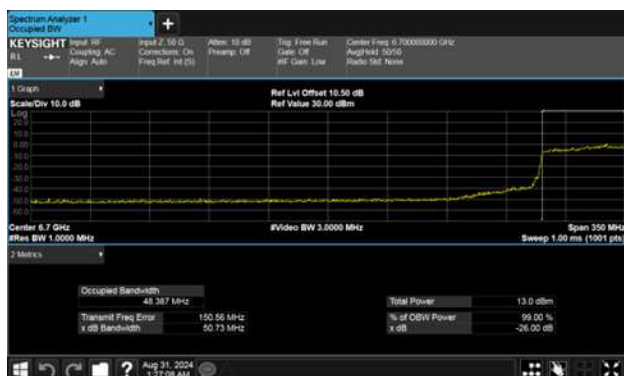
26dB Bandwidth Within 6525-6875MHz band

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH185

Modulation Type: 802.11ax HE160 (61.3Mbps)
CH175Modulation Type: 802.11ax HE40 (14.6Mbps)
CH187Modulation Type: 802.11ax HE80 (30.6Mbps)
CH183

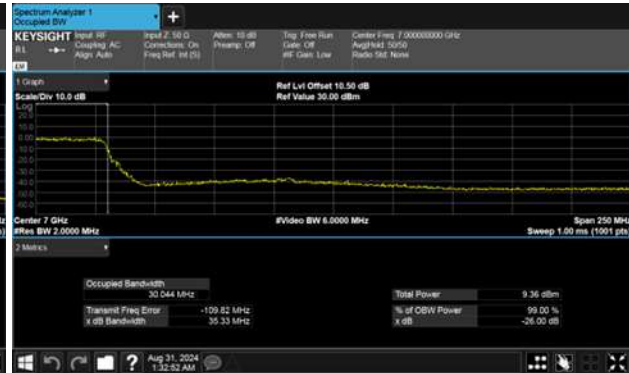
26dB Bandwidth Extends across 6875MHz band

MIMO

ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH185

Modulation Type: 802.11ax HE160 (61.3Mbps)
CH175



Modulation Type: 802.11ax HE40 (14.6Mbps)
CH187



Modulation Type: 802.11ax HE80 (30.6Mbps)
CH183



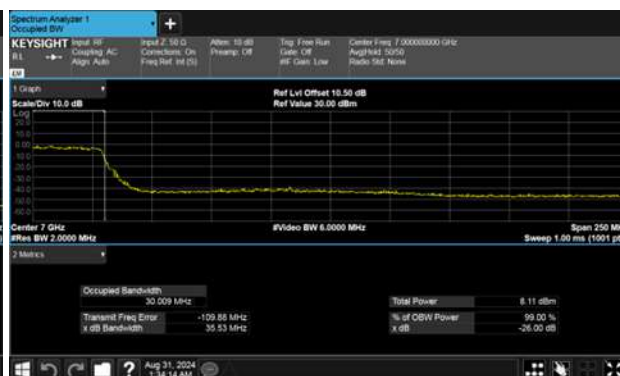
MIMO

ANT B

Modulation Type: 802.11ax HE160 (61.3Mbps)

CH185

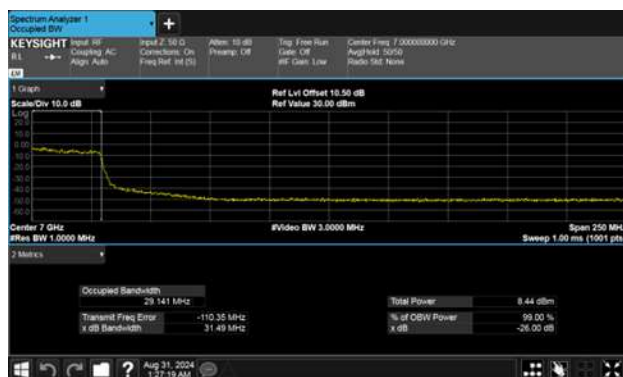
CH175



CH187



CH183



26dB Bandwidth U-NII-8

MIMO
ANT A
Modulation Type: 802.11ax HE20 (7.3Mbps)
CH189

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH233



CH213



CH229



26dB Bandwidth U-NII-8

MIMO

ANT A

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH195

Modulation Type: 802.11ax HE80 (30.6Mbps)

CH195



CH211



CH215



CH227



26dB Bandwidth U-NII-8
MIMO
ANT A
Modulation Type: 802.11ax HE160 (61.3Mbps)
CH207



26dB Bandwidth U-NII-8

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH189

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH233



CH213



CH229



26dB Bandwidth U-NII-8

MIMO

ANT B

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH195Modulation Type: 802.11ax HE80 (30.6Mbps)
CH195

CH211



CH215



CH227



26dB Bandwidth U-NII-8

MIMO

ANT B

Modulation Type: 802.11ax HE160 (61.3Mbps)

CH207



99% Bandwidth U-NII-5

U-NII-5

SISO

ANT A

Modulation Type: 802.11a (6Mbps)

CH01



U-NII-6

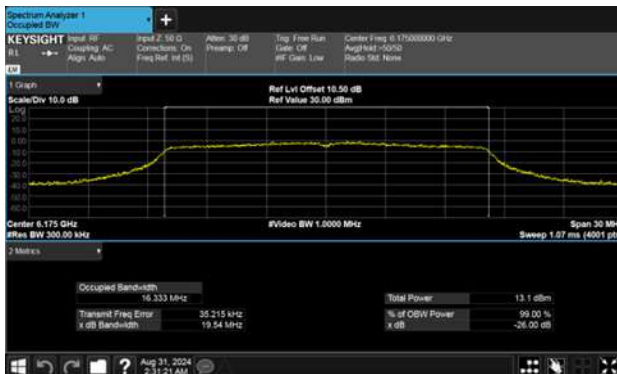
ANT A

Modulation Type: 802.11a (6Mbps)

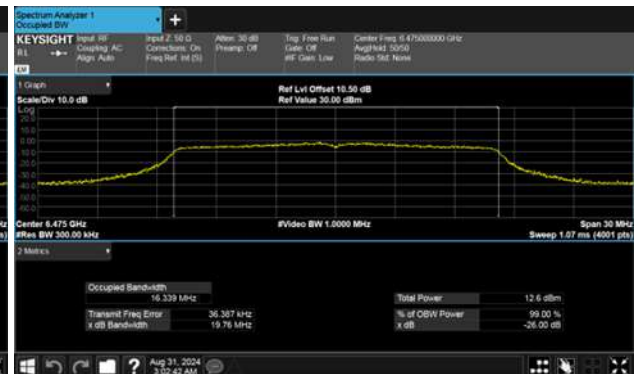
CH97



CH45



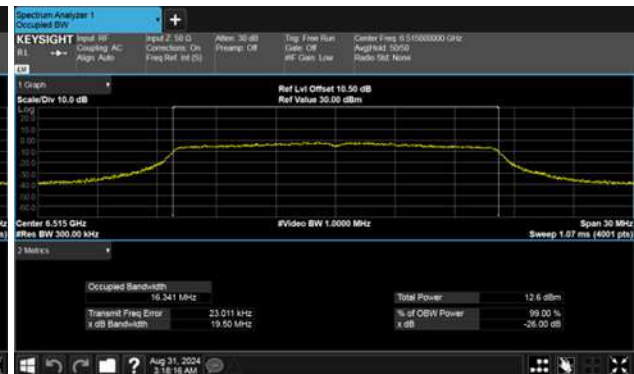
CH105



CH93



CH113



U-NII-7

SISO

ANT A

Modulation Type: 802.11a (6Mbps)

CH117



U-NII-8

ANT A

Modulation Type: 802.11a (6Mbps)

CH189



CH153



CH213



CH181



CH229



U-NII-8
SISO
ANT A
Modulation Type: 802.11a (6Mbps)
CH233



Straddle Channel
Within 6525-6875MHz band
ANT A
Modulation Type: 802.11a (6Mbps)
CH185



Straddle Channel
Extends across 6875MHz band
ANT A
Modulation Type: 802.11a (6Mbps)
CH185



99% Bandwidth U-NII-5

MIMO

ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH01

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH03



CH45



CH43



CH93



CH91



99% Bandwidth U-NII-5

MIMO

ANT A

Modulation Type: 802.11ax HE80 (30.6Mbps)
CH07Modulation Type: 802.11ax HE160 (61.3Mbps)
CH15

CH39



CH47



CH87



CH79



99% Bandwidth U-NII-5

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH01

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH03



H45



CH43



CH93



CH91



Modulation Type: 802.11ax HE80 (30.6Mbps)
CH07Modulation Type: 802.11ax HE160 (61.3Mbps)
CH15

CH47



CH79



99% Bandwidth U-NII-6

MIMO

ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH97

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH99



CH105



CH107



CH113



99% Bandwidth U-NII-6
MIMO
ANT A
Modulation Type: 802.11ax HE80 (30.6Mbps)
CH103



99% Bandwidth U-NII-6

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH97

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH99

CH105



CH107



CH113



99% Bandwidth U-NII-6
MIMO
ANT B
Modulation Type: 802.11ax HE80 (30.6Mbps)
CH103



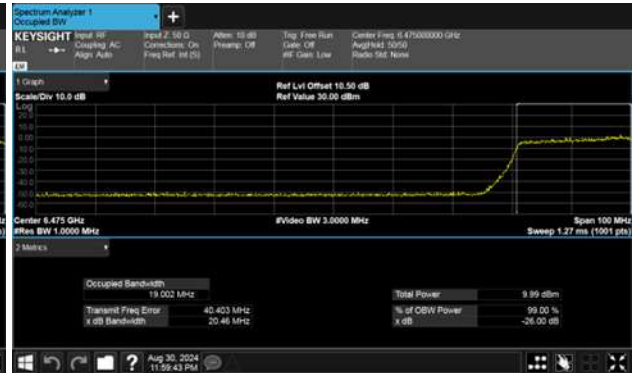
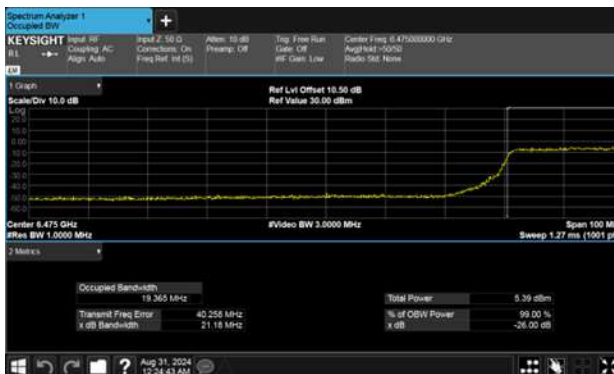
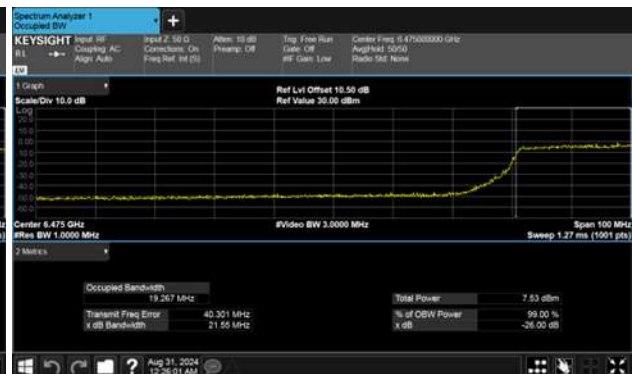
99% Bandwidth Within 6425-6525MHz band

MIMO

ANT A

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH115

ANT B

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH115Modulation Type: 802.11ax HE80 (30.6Mbps)
CH119Modulation Type: 802.11ax HE80 (30.6Mbps)
CH119Modulation Type: 802.11ax HE160 (61.3Mbps)
CH111Modulation Type: 802.11ax HE160 (61.3Mbps)
CH111

99% Bandwidth Extends across 6525MHz band

MIMO

ANT A

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH115

ANT B

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH115Modulation Type: 802.11ax HE80 (30.6Mbps)
CH119Modulation Type: 802.11ax HE80 (30.6Mbps)
CH119Modulation Type: 802.11ax HE160 (61.3Mbps)
CH111Modulation Type: 802.11ax HE160 (61.3Mbps)
CH111

99% Bandwidth U-NII-7

MIMO

ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH117

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH123



CH153



CH155



CH181



CH179



99% Bandwidth U-NII-7

MIMO

ANT A

Modulation Type: 802.11ax HE80 (30.6Mbps)
CH135Modulation Type: 802.11ax HE160 (61.3Mbps)
CH143

CH151



CH167



99% Bandwidth U-NII-7

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH117

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH123



CH153



CH155



CH181



CH179



99% Bandwidth U-NII-7

MIMO

ANT B

Modulation Type: 802.11ax HE80 (30.6Mbps)
CH135



Modulation Type: 802.11ax HE160 (61.3Mbps)
CH143



H151



CH167



99% Bandwidth Within 6525-6875MHz band

MIMO

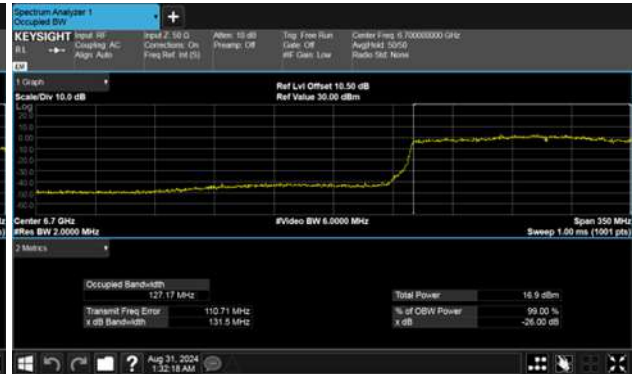
ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH185

Modulation Type: 802.11ax HE160 (61.3Mbps)

CH175



Modulation Type: 802.11ax HE40 (14.6Mbps)

CH187



Modulation Type: 802.11ax HE80 (30.6Mbps)

CH183



99% Bandwidth Within 6525-6875MHz band

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)

CH185

Modulation Type: 802.11ax HE160 (61.3Mbps)

CH175



Modulation Type: 802.11ax HE40 (14.6Mbps)

CH187



Modulation Type: 802.11ax HE80 (30.6Mbps)

CH183



MIMO

Modulation Type: 802.11ax HE20 (7.3Mbps)

Modulation Type: 802.11ax HE160 (61.3Mbps)

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input 50 Coaxial A/C Align Auto Input 2: 50 Ω Cal: Cal On Freq Ref: 10 GHz Att: 10 dB Preset: Off Trig: Free Run Gate: Off Ref: Gain Low Center Freq: 7.000000000 GHz Resolution: 500 Hz Radio: 500 Noise

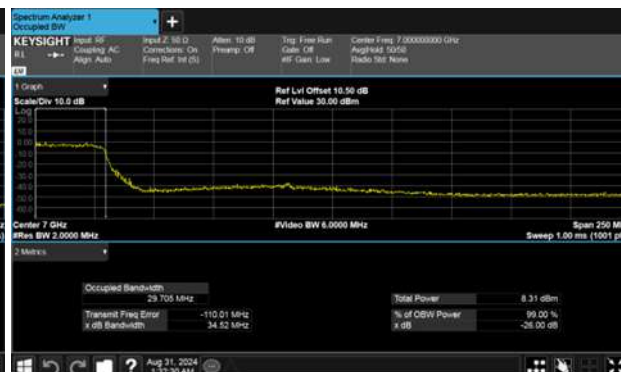
1 Graph
 Scale On 10.0 dB Ref Lvl Offset 10.50 dB Ref Value 30.00 dBm

Center 7 GHz Span 250 MHz
 Video BW 1.0000 MHz Sweep 8.40 MHz (1001 pt)

Occupied Bandwidth: 9.5586 MHz
 Transmitt Freq Error: -120.16 MHz
 x dB Bandwidth: 10.45 MHz

Total Power: 4.79 dBm
 % of OBW Power: 99.00 %
 x dB: -26.00 dB

Aug 31, 2024



CH187



CH183



99% Bandwidth Extends across 6875MHz band

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH185

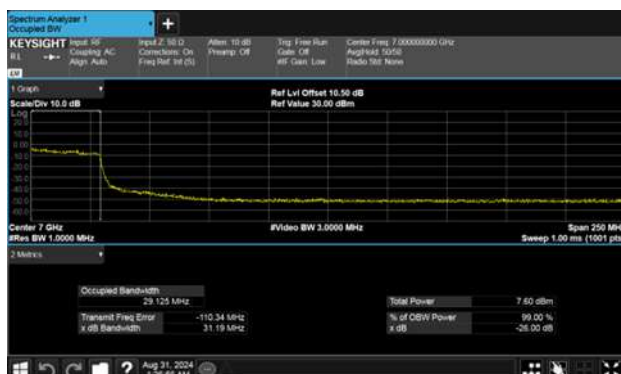
Modulation Type: 802.11ax HE160 (61.3Mbps)
CH175



Modulation Type: 802.11ax HE40 (14.6Mbps)
CH187



Modulation Type: 802.11ax HE80 (30.6Mbps)
CH183



99% Bandwidth U-NII-8

MIMO

ANT A

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH189Modulation Type: 802.11ax HE20 (7.3Mbps)
CH233

CH213



CH229



99% Bandwidth U-NII-8

MIMO

ANT A

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH195

Modulation Type: 802.11ax HE80 (30.6Mbps)

CH195



CH211



CH215



CH227



99% Bandwidth U-NII-8
MIMO
ANT A
Modulation Type: 802.11ax HE160 (61.3Mbps)
CH207



99% Bandwidth U-NII-8

MIMO

ANT B

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH189



Modulation Type: 802.11ax HE20 (7.3Mbps)
CH233



CH213



CH229



99% Bandwidth U-NII-8

MIMO

ANT B

Modulation Type: 802.11ax HE40 (14.6Mbps)

CH195

Modulation Type: 802.11ax HE80 (30.6Mbps)

CH195



CH211



CH215



CH227



99% Bandwidth U-NII-8
MIMO
ANT B
Modulation Type: 802.11ax HE160 (61.3Mbps)
CH207

