

**Appendix F. 26dB Bandwidth & 99% Occupied Bandwidth****1.1. Test Result and Data (26dB Bandwidth)**

For SISO-ANT B

U-NII-5

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT B	
11a	6 Mbps	1	5955	19.36	320.00
11a	6 Mbps	45	6175	19.40	320.00
11a	6 Mbps	93	6415	19.28	320.00

U-NII-6

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT B	
11a	6 Mbps	97	6435	19.70	320.00
11a	6 Mbps	105	6475	19.36	320.00
11a	6 Mbps	113	6515	19.54	320.00

U-NII-7

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT B	
11a	6 Mbps	117	6535	19.59	320.00
11a	6 Mbps	153	6715	19.47	320.00
11a	6 Mbps	181	6855	19.56	320.00

U-NII-8

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT B	
11a	6 Mbps	189	6895	19.54	320.00
11a	6 Mbps	213	7015	19.51	320.00
11a	6 Mbps	229	7095	19.51	320.00
11a	6 Mbps	233	7115	19.43	320.00



For SISO-ANT B

Maximum Conducted 26db (Within 6525-6875MHz band)				
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	Limit (MHz)
			ANT B	
11a	6 Mbps	6875	10.11	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 B	
11a	6 Mbps	6875	9.65	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	21.20	21.13	320.00
11ax HE20	NSS1-MCS0	45	6175	21.01	20.96	320.00
11ax HE20	NSS1-MCS0	93	6415	21.02	21.35	320.00
11ax HE40	NSS1-MCS0	3	5965	41.01	41.65	320.00
11ax HE40	NSS1-MCS0	43	6165	41.32	41.21	320.00
11ax HE40	NSS1-MCS0	91	6405	41.41	41.52	320.00
11ax HE80	NSS1-MCS0	7	5985	81.26	81.29	320.00
11ax HE80	NSS1-MCS0	39	6145	82.38	81.82	320.00
11ax HE80	NSS1-MCS0	87	6385	82.40	81.26	320.00
11ax HE160	NSS1-MCS0	15	6025	166.70	163.80	320.00
11ax HE160	NSS1-MCS0	47	6185	165.70	165.80	320.00
11ax HE160	NSS1-MCS0	79	6345	166.50	166.30	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	20.85	21.18	320.00
11ax HE20	NSS1-MCS0	105	6475	21.54	20.93	320.00
11ax HE20	NSS1-MCS0	113	6515	21.30	20.99	320.00
11ax HE40	NSS1-MCS0	99	6445	40.89	41.24	320.00
11ax HE40	NSS1-MCS0	107	6485	41.01	41.15	320.00
11ax HE80	NSS1-MCS0	103	6465	81.29	82.40	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	20.92	21.22	320.00
11ax HE20	NSS1-MCS0	153	6715	21.47	20.89	320.00
11ax HE20	NSS1-MCS0	181	6855	21.77	21.18	320.00
11ax HE40	NSS1-MCS0	123	6565	41.57	41.42	320.00
11ax HE40	NSS1-MCS0	155	6725	41.23	41.15	320.00
11ax HE40	NSS1-MCS0	179	6845	41.10	41.33	320.00
11ax HE80	NSS1-MCS0	135	6625	80.93	81.42	320.00
11ax HE80	NSS1-MCS0	151	6705	82.03	81.80	320.00
11ax HE80	NSS1-MCS0	167	6785	81.77	81.88	320.00
11ax HE160	NSS1-MCS0	143	6665	167.00	166.90	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	20.90	20.90	320.00
11ax HE20	NSS1-MCS0	213	7015	20.99	20.93	320.00
11ax HE20	NSS1-MCS0	229	7095	20.80	20.93	320.00
11ax HE20	NSS1-MCS0	233	7115	20.87	21.10	320.00
11ax HE40	NSS1-MCS0	195	6925	40.99	41.03	320.00
11ax HE40	NSS1-MCS0	211	7005	41.15	41.09	320.00
11ax HE40	NSS1-MCS0	227	7085	41.14	41.15	320.00
11ax HE80	NSS1-MCS0	199	6945	81.29	81.07	320.00
11ax HE80	NSS1-MCS0	215	7025	81.26	81.64	320.00
11ax HE160	NSS1-MCS0	207	6985	164.60	164.00	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	20.75	20.67	320.00
11ax HE80	NSS1-MCS0	6545	21.66	21.39	320.00
11ax HE160	NSS1-MCS0	6505	102.50	102.40	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	20.65	20.88	320.00
11ax HE80	NSS1-MCS0	6545	60.71	60.80	320.00
11ax HE160	NSS1-MCS0	6505	64.51	64.73	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	10.86	10.61	320.00
11ax HE40	NSS1-MCS0	6885	10.89	11.04	320.00
11ax HE80	NSS1-MCS0	6865	50.66	50.73	320.00
11ax HE160	NSS1-MCS0	6825	132.50	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	10.77	10.47	320.00
11ax HE40	NSS1-MCS0	6885	30.77	30.61	320.00
11ax HE80	NSS1-MCS0	6865	31.35	31.54	320.00
11ax HE160	NSS1-MCS0	6825	35.10	35.30	320.00



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

For SISO-ANT B

U-NII-5

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT B	
11a	6 Mbps	1	5955	16.33	320.00
11a	6 Mbps	45	6175	16.33	320.00
11a	6 Mbps	93	6415	16.34	320.00

U-NII-6

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT B	
11a	6 Mbps	97	6435	16.34	320.00
11a	6 Mbps	105	6475	16.33	320.00
11a	6 Mbps	113	6515	16.33	320.00

U-NII-7

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT B	
11a	6 Mbps	117	6535	16.34	320.00
11a	6 Mbps	153	6715	16.33	320.00
11a	6 Mbps	181	6855	16.34	320.00

U-NII-8

Modulation Type	Data Rate	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	Limit (MHz)
				ANT B	
11a	6 Mbps	189	6895	16.34	320.00
11a	6 Mbps	213	7015	16.34	320.00
11a	6 Mbps	229	7095	16.34	320.00
11a	6 Mbps	233	7115	16.34	320.00



For SISO-ANT B

Maximum Conducted 99 %(Within 6525-6875MHz band)			
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)
			ANT B
11a	6 Mbps	6875	8.34

Maximum Conducted 99 % (Extends across 6875MHz band)			
Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)
			ANT B
11a	6 Mbps	6875	8.33



For-MIMO  
U-NII-5

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)		Limit (MHz)
				ANT A	ANT B	
11ax HE20	NSS1-MCS0	1	5955	18.89	18.89	320.00
11ax HE20	NSS1-MCS0	45	6175	18.93	18.87	320.00
11ax HE20	NSS1-MCS0	93	6415	18.91	18.85	320.00
11ax HE40	NSS1-MCS0	3	5965	37.84	37.79	320.00
11ax HE40	NSS1-MCS0	43	6165	37.79	37.79	320.00
11ax HE40	NSS1-MCS0	91	6405	37.82	37.75	320.00
11ax HE80	NSS1-MCS0	7	5985	76.87	76.88	320.00
11ax HE80	NSS1-MCS0	39	6145	76.97	76.86	320.00
11ax HE80	NSS1-MCS0	87	6385	76.96	76.68	320.00
11ax HE160	NSS1-MCS0	15	6025	155.76	155.89	320.00
11ax HE160	NSS1-MCS0	47	6185	155.47	155.55	320.00
11ax HE160	NSS1-MCS0	79	6345	155.42	155.73	320.00

U-NII-6

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)		Limit (MHz)
				ANT A	ANT B	
11ax HE20	NSS1-MCS0	97	6435	18.91	18.88	320.00
11ax HE20	NSS1-MCS0	105	6475	18.92	18.87	320.00
11ax HE20	NSS1-MCS0	113	6515	18.91	18.86	320.00
11ax HE40	NSS1-MCS0	99	6445	37.81	37.81	320.00
11ax HE40	NSS1-MCS0	107	6485	37.89	37.81	320.00
11ax HE80	NSS1-MCS0	103	6465	76.84	76.86	320.00





U-NII-7

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)		Limit (MHz)
				ANT A	ANT B	
11ax HE20	NSS1-MCS0	117	6535	18.90	18.86	320.00
11ax HE20	NSS1-MCS0	153	6715	18.93	18.85	320.00
11ax HE20	NSS1-MCS0	181	6855	18.92	18.85	320.00
11ax HE40	NSS1-MCS0	123	6565	37.85	37.84	320.00
11ax HE40	NSS1-MCS0	155	6725	37.87	37.73	320.00
11ax HE40	NSS1-MCS0	179	6845	37.87	37.76	320.00
11ax HE80	NSS1-MCS0	135	6625	76.97	76.80	320.00
11ax HE80	NSS1-MCS0	151	6705	76.99	76.78	320.00
11ax HE80	NSS1-MCS0	167	6785	76.96	76.75	320.00
11ax HE160	NSS1-MCS0	143	6665	155.89	155.45	320.00

U-NII-8

Modulation Type	Data Rate	Channel	Frequency (MHz)	99% Bandwidth(MHz)		Limit (MHz)
				ANT A	ANT B	
11ax HE20	NSS1-MCS0	189	6895	18.86	18.82	320.00
11ax HE20	NSS1-MCS0	213	7015	18.87	18.83	320.00
11ax HE20	NSS1-MCS0	229	7095	18.88	18.85	320.00
11ax HE20	NSS1-MCS0	233	7115	18.88	18.83	320.00
11ax HE40	NSS1-MCS0	195	6925	37.73	37.63	320.00
11ax HE40	NSS1-MCS0	211	7005	37.76	37.62	320.00
11ax HE40	NSS1-MCS0	227	7085	37.76	37.70	320.00
11ax HE80	NSS1-MCS0	199	6945	76.76	76.65	320.00
11ax HE80	NSS1-MCS0	215	7025	76.66	76.51	320.00
11ax HE160	NSS1-MCS0	207	6985	155.08	154.93	320.00



For-MIMO

Maximum Conducted 99 % (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	19.15	19.10	320.00
11ax HE80	NSS1-MCS0	6545	19.33	19.25	320.00
11ax HE160	NSS1-MCS0	6505	97.81	97.61	320.00

Maximum Conducted 99 % (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	19.11	19.11	320.00
11ax HE80	NSS1-MCS0	6545	58.29	58.28	320.00
11ax HE160	NSS1-MCS0	6505	58.95	58.92	320.00

Maximum Conducted 99 % (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	9.57	9.50	320.00
11ax HE40	NSS1-MCS0	6885	9.60	9.49	320.00
11ax HE80	NSS1-MCS0	6865	48.43	48.22	320.00
11ax HE160	NSS1-MCS0	6825	127.12	126.87	320.00

Maximum Conducted 99 % (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	9.53	9.50	320.00
11ax HE40	NSS1-MCS0	6885	28.73	28.79	320.00
11ax HE80	NSS1-MCS0	6865	28.95	28.95	320.00
11ax HE160	NSS1-MCS0	6825	29.62	29.61	320.00



26dB Bandwidth U-NII-5

U-NII-5

SISO

ANT B

Modulation Type: 802.11a (6Mbps)

CH01

U-NII-6

ANT B

Modulation Type: 802.11a (6Mbps)

CH97



CH45



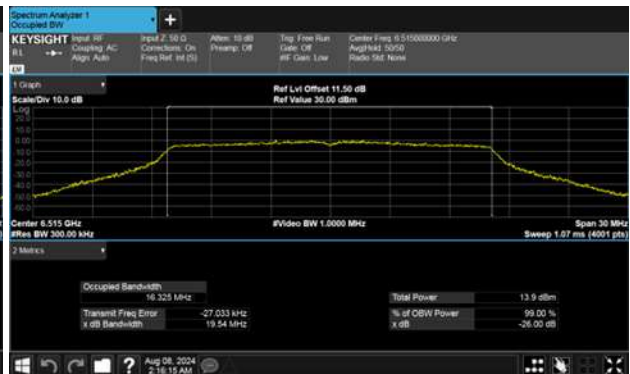
CH105



CH93



CH113





U-NII-7

SISO  
ANT B

Modulation Type: 802.11a (6Mbps)  
CH117



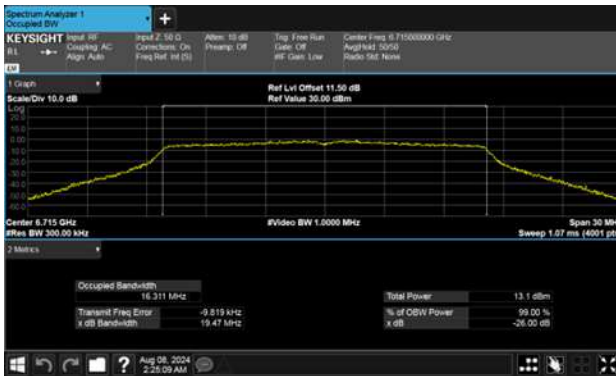
U-NII-8

ANT B

Modulation Type: 802.11a (6Mbps)  
CH189



CH153



CH213



CH181



CH229





U-NII-8

SISO

ANT B

Modulation Type: 802.11a (6Mbps)

CH233





### Straddle Channel

Within 6525-6875MHz band

ANT B

Modulation Type: 802.11a (6Mbps)

CH185



### Straddle Channel

Extends across 6875MHz band

ANT B

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)  
CH07

Modulation 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)

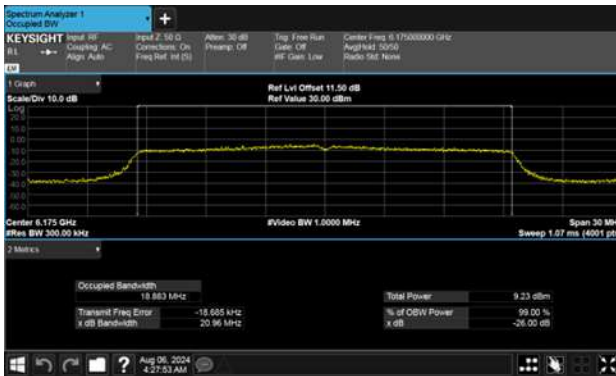
CH01

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)  
CH97

Modulation 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)  
CH97

Modulation 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

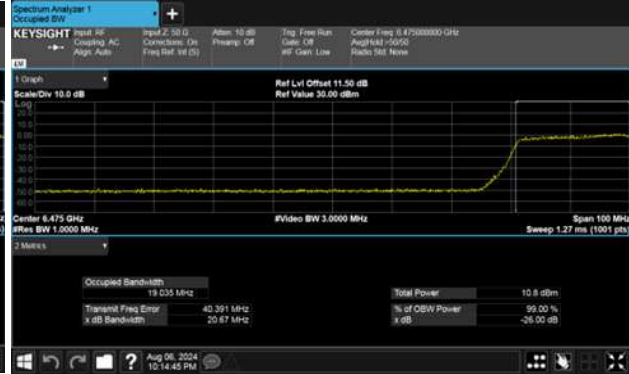
ANT A

Modulation Type: 802.11ax HE40 (14.6Mbps)  
CH115



ANT B

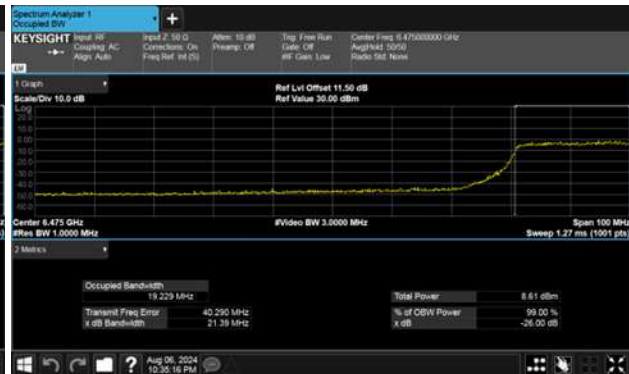
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CH115



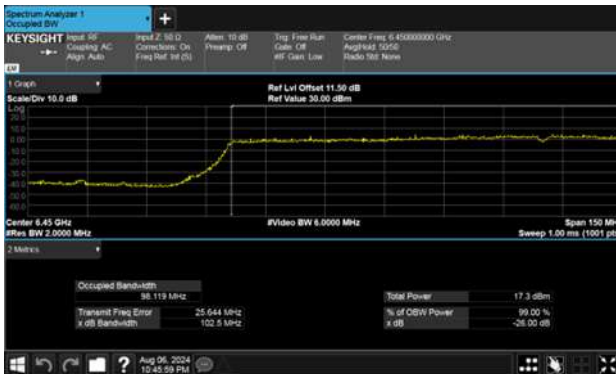
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CH119



Modulation Type: 802.11ax HE80 (30.6Mbps)  
CH119



Modulation Type: 802.11ax HE160 (61.3Mbps)  
CH111



Modulation 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

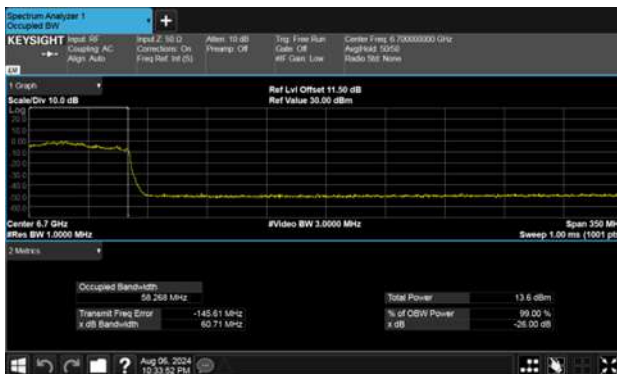
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CH115



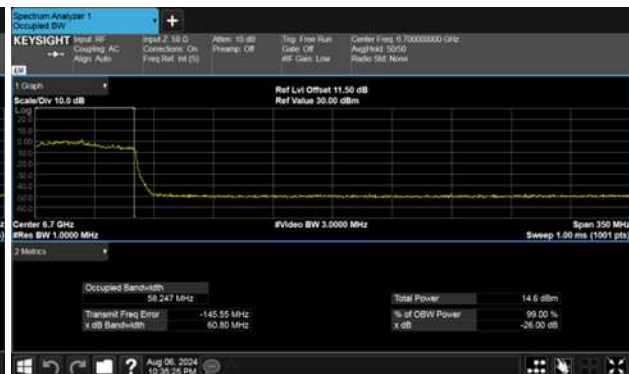
Modulation Type: 802.11ax HE80 (30.6Mbps)

CH119



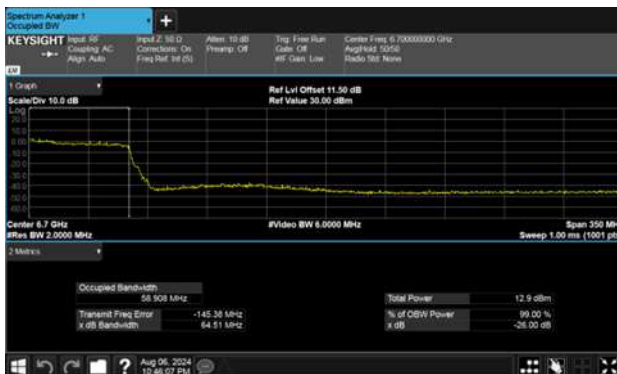
Modulation Type: 802.11ax HE80 (30.6Mbps)

CH119



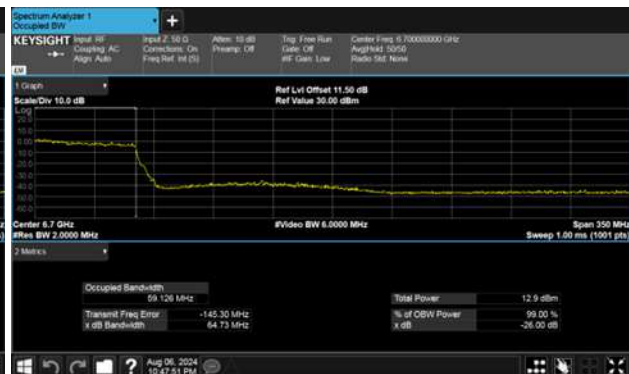
Modulation Type: 802.11ax HE160 (61.3Mbps)

CH111



Modulation 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



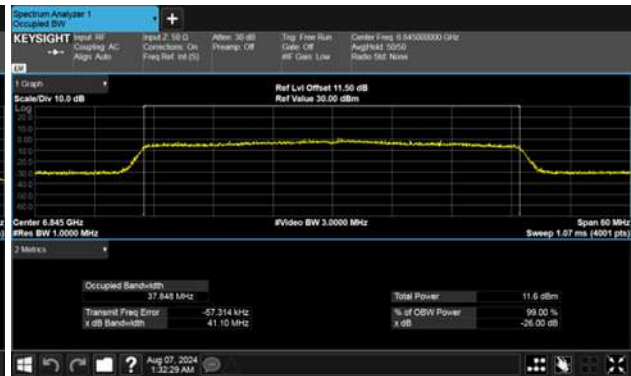
CH155



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)

CH175



Modulation Type: 802.11ax HE40 (14.6Mbps)

CH187



Modulation Type: 802.11ax HE80 (30.6Mbps)

CH183



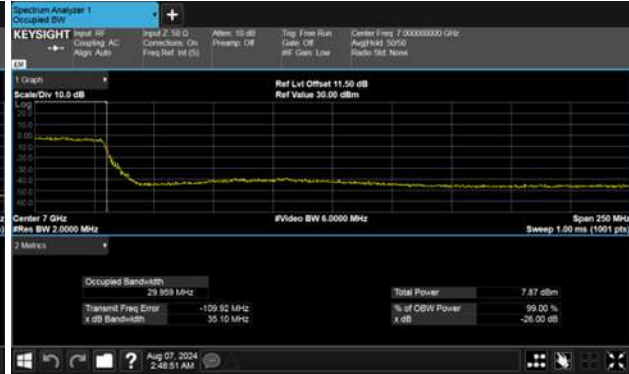


26dB Bandwidth Extends across 6875MHz band

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



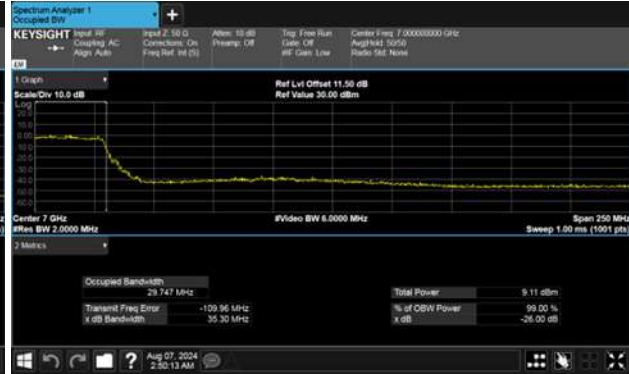


26dB Bandwidth Extends across 6875MHz band

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







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

