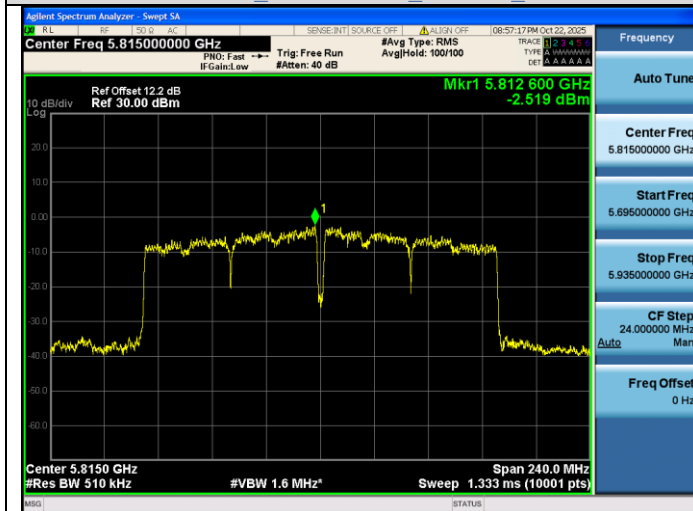




IEEE 1602.11ac Channel 163 160MHz Antenna 1



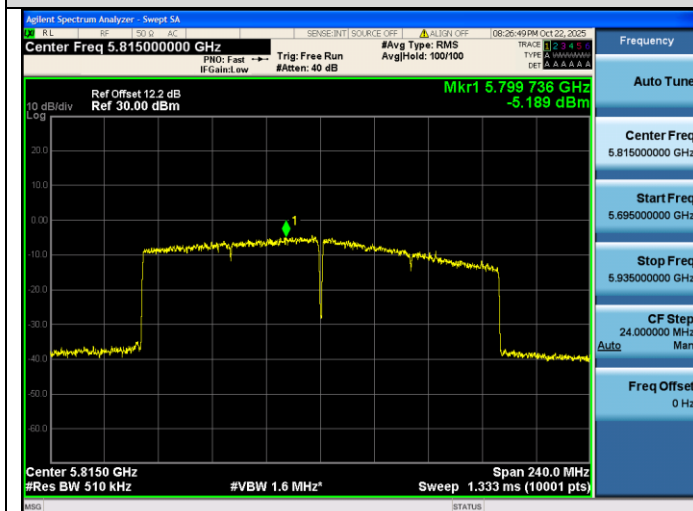
IEEE 1602.11ac Channel 163 160MHz Antenna 2



IEEE 1602.11ac Channel 163 160MHz Antenna 3



IEEE 1602.11ax Channel 163 160MHz Antenna 1 RU&Index SU



IEEE 1602.11ax Channel 163 160MHz Antenna 2 RU&Index SU



IEEE 1602.11ax Channel 163 160MHz Antenna 3 RU&Index SU

A.3 6DB BANDWIDTH

For U-NII-4 Band:

Mode	Channel	RU & Index	Ant.	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	169	N/A	1	15.69	0.5	PASS
			2	16.38	0.5	PASS
			3	15.63	0.5	PASS
	173		1	16.35	0.5	PASS
			2	16.36	0.5	PASS
			3	16.38	0.5	PASS
	177		1	16.36	0.5	PASS
			2	16.34	0.5	PASS
			3	16.37	0.5	PASS
IEEE 802.11n_20	169		1	17.62	0.5	PASS
			2	17.63	0.5	PASS
			3	17.62	0.5	PASS
	173		1	17.54	0.5	PASS
			2	17.57	0.5	PASS
			3	17.62	0.5	PASS
	177		1	17.58	0.5	PASS
			2	17.60	0.5	PASS
			3	17.30	0.5	PASS
IEEE 802.11n_40	167		1	35.15	0.5	PASS
			2	35.22	0.5	PASS
			3	35.17	0.5	PASS
	175		1	35.13	0.5	PASS
			2	33.97	0.5	PASS
			3	35.10	0.5	PASS
IEEE 802.11ac_20	169		1	15.70	0.5	PASS
			2	17.36	0.5	PASS
			3	16.98	0.5	PASS
	173	1	17.56	0.5	PASS	
		2	17.21	0.5	PASS	
		3	17.57	0.5	PASS	
	177	1	17.61	0.5	PASS	
		2	17.60	0.5	PASS	
		3	17.61	0.5	PASS	
IEEE 802.11ac_40	167	1	35.19	0.5	PASS	
		2	35.17	0.5	PASS	
		3	35.14	0.5	PASS	
	175	1	35.14	0.5	PASS	
		2	35.20	0.5	PASS	
		3	35.15	0.5	PASS	
IEEE 802.11ac_80	171	1	75.37	0.5	PASS	
		2	75.34	0.5	PASS	
		3	75.36	0.5	PASS	
IEEE 802.11ac_160	163	1	155.0	0.5	PASS	
		2	135.1	0.5	PASS	
		3	155.1	0.5	PASS	
IEEE 802.11ax_20	169	SU	1	17.85	0.5	PASS
			2	17.96	0.5	PASS
			3	18.48	0.5	PASS
	173		1	17.95	0.5	PASS
			2	18.56	0.5	PASS
			3	18.82	0.5	PASS
	177		1	18.31	0.5	PASS
			2	17.84	0.5	PASS

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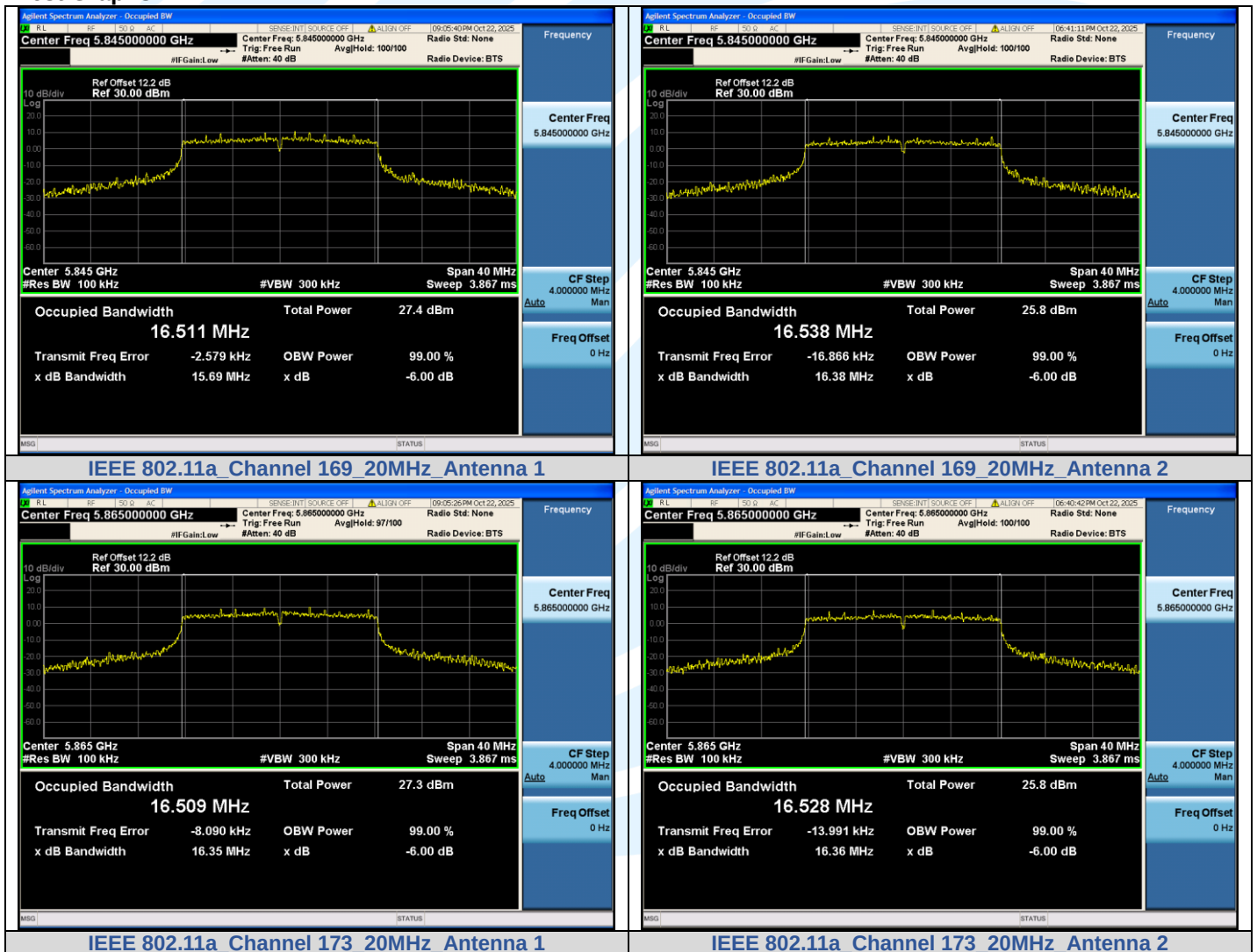
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.3

Mode	Channel	RU & Index	Ant.	6 dB Bandwidth (MHz)	Limit (MHz)	Result
			3	18.23	0.5	PASS
IEEE 802.11ax_40	167		1	35.17	0.5	PASS
			2	36.42	0.5	PASS
			3	35.38	0.5	PASS
	175		1	35.21	0.5	PASS
			2	35.16	0.5	PASS
			3	35.22	0.5	PASS
IEEE 802.11ax_80	171		1	75.34	0.5	PASS
			2	75.34	0.5	PASS
			3	75.28	0.5	PASS
IEEE 802.11ax_160	163		1	155.0	0.5	PASS
			2	133.9	0.5	PASS
		3	153.8	0.5	PASS	

Test Graphs



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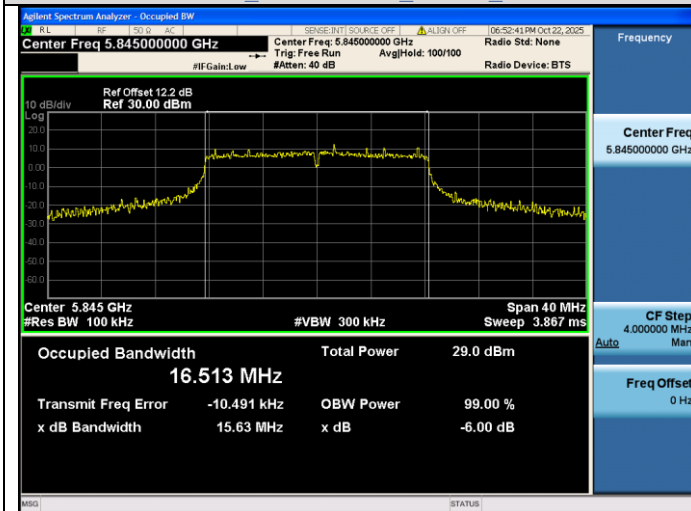
UTTR-RF-FCCPART15.407-V1.3



IEEE 802.11a Channel 177 20MHz Antenna 1



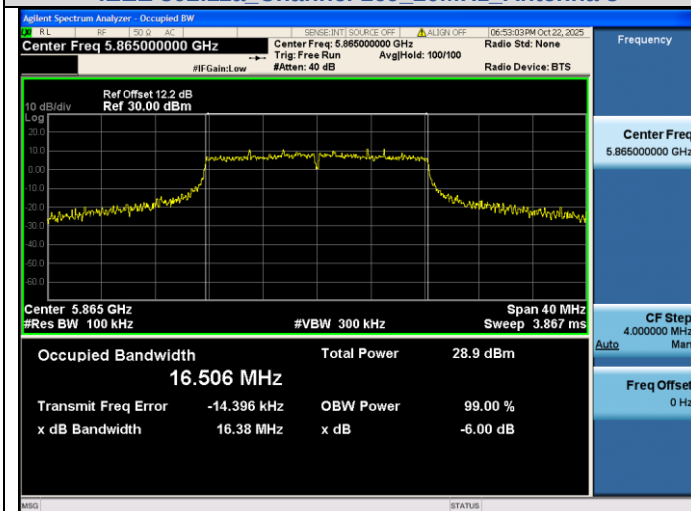
IEEE 802.11a Channel 177 20MHz Antenna 2



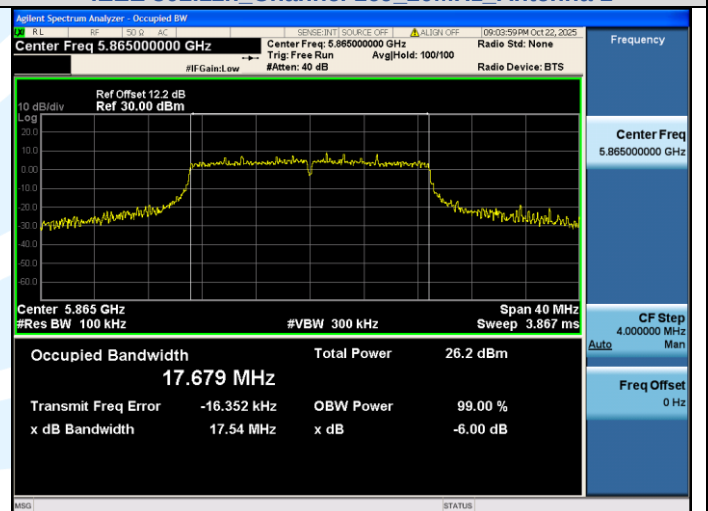
IEEE 802.11a Channel 169 20MHz Antenna 3



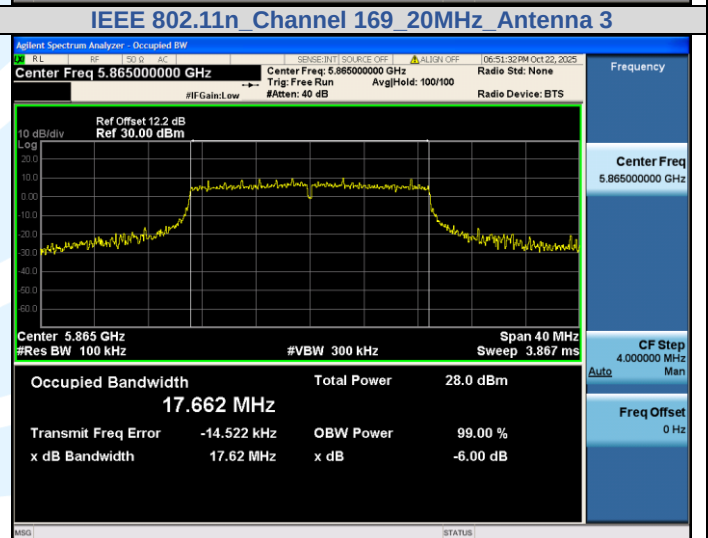
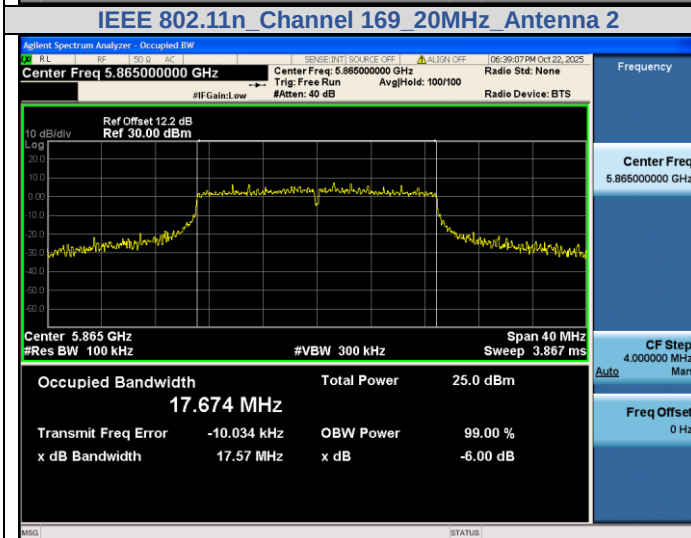
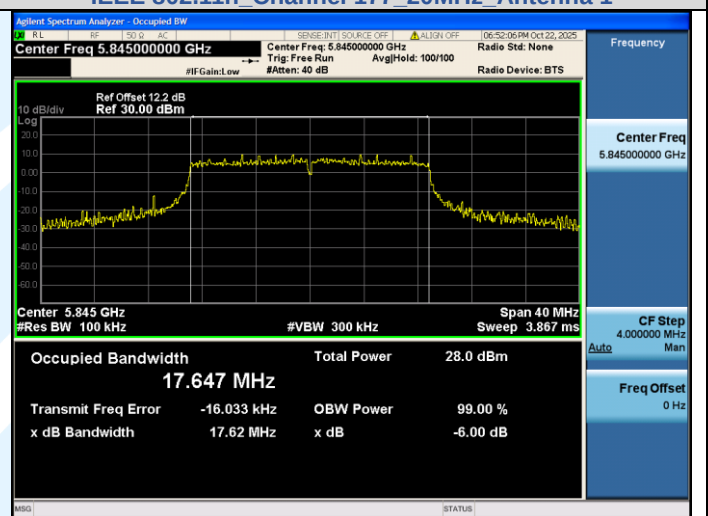
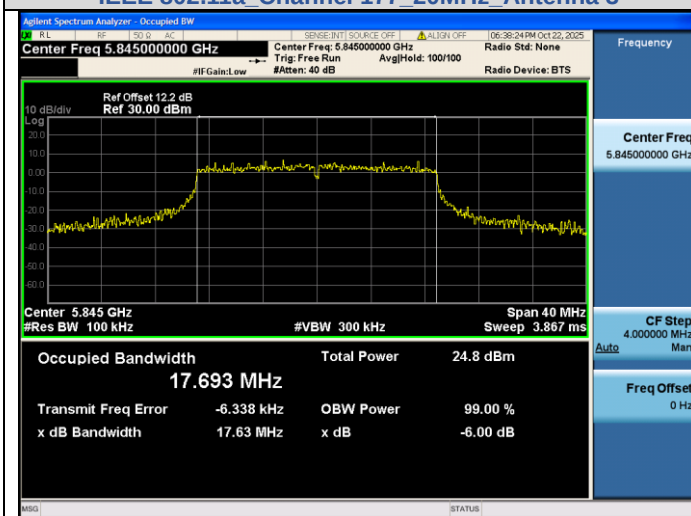
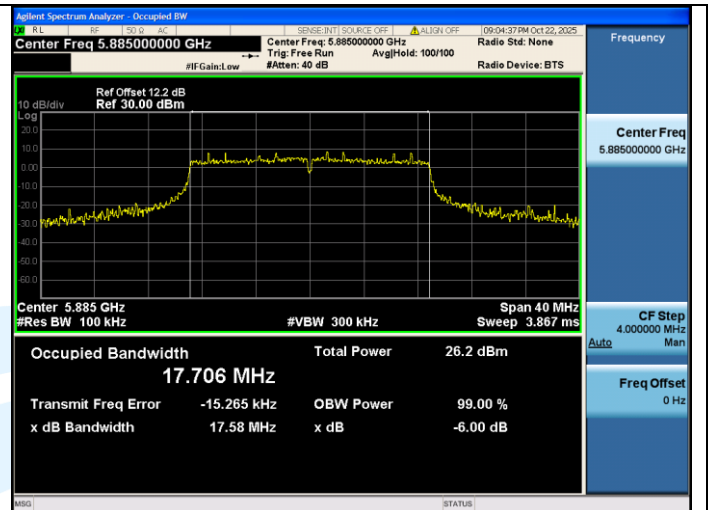
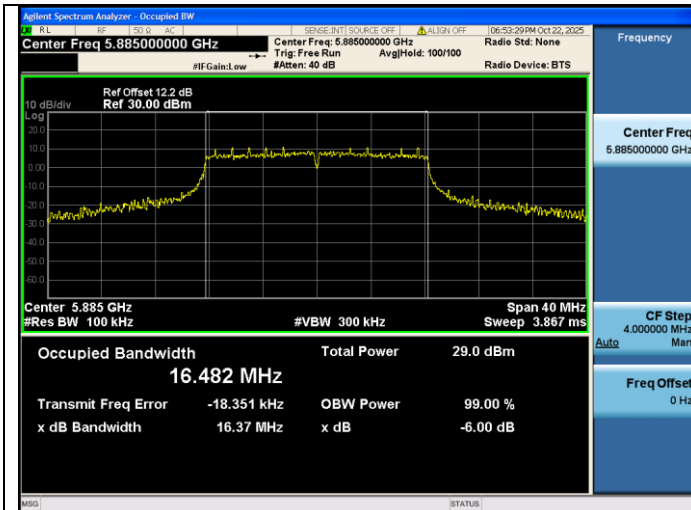
IEEE 802.11n Channel 169 20MHz Antenna 1



IEEE 802.11a Channel 173 20MHz Antenna 3

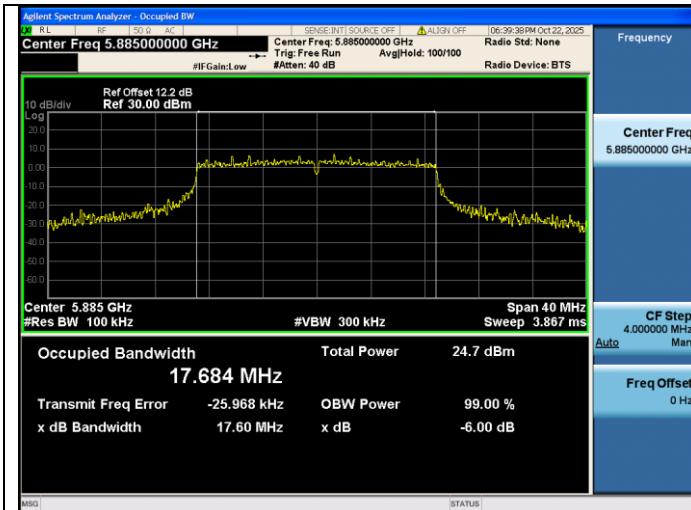


IEEE 802.11n Channel 173 20MHz Antenna 1

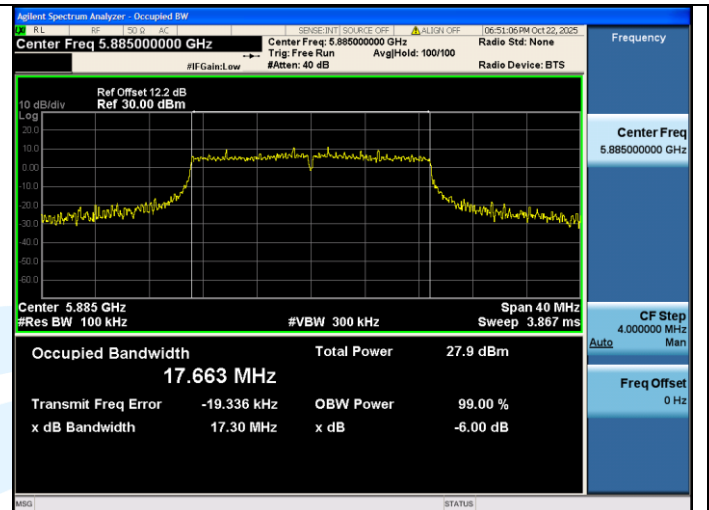


IEEE 802.11n Channel 173 20MHz Antenna 2

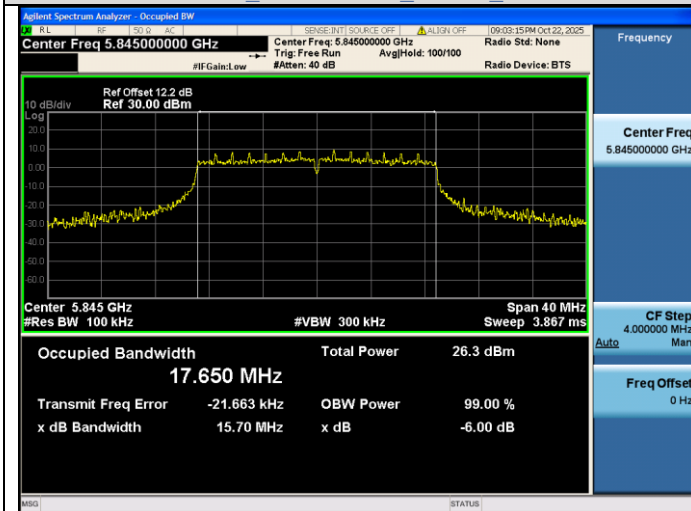
IEEE 802.11n Channel 173 20MHz Antenna 3



IEEE 802.11n Channel 177 20MHz Antenna 2



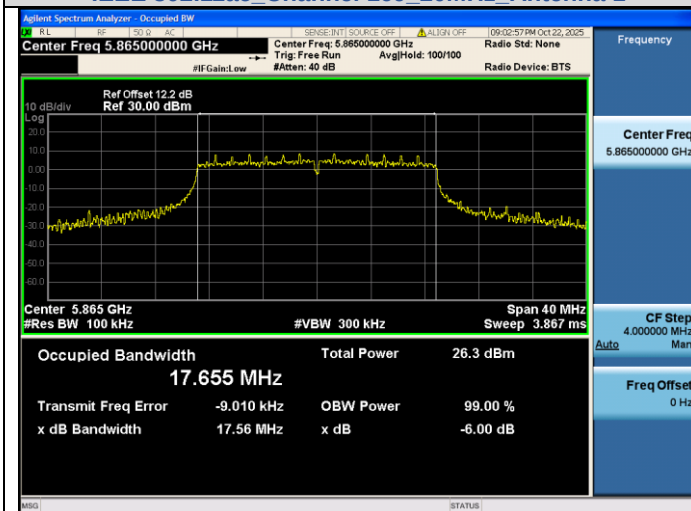
IEEE 802.11n Channel 177 20MHz Antenna 3



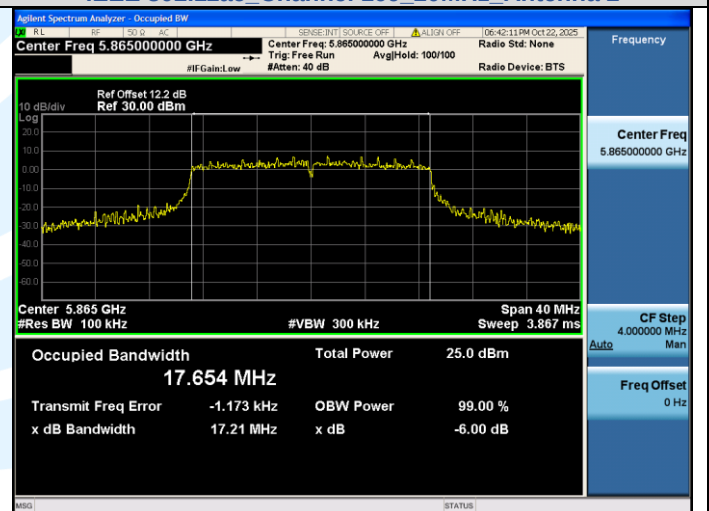
IEEE 802.11ac Channel 169 20MHz Antenna 1



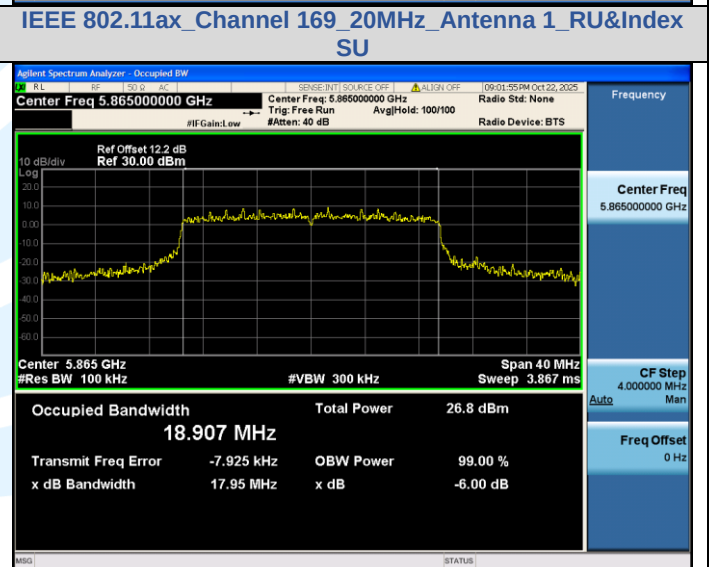
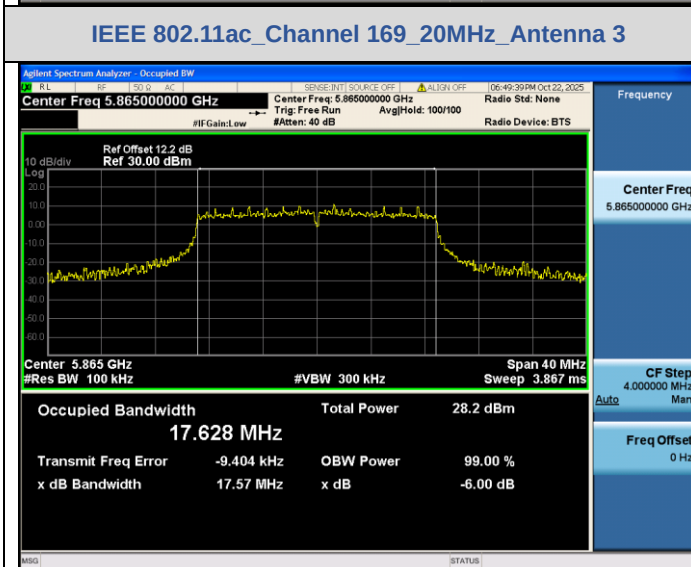
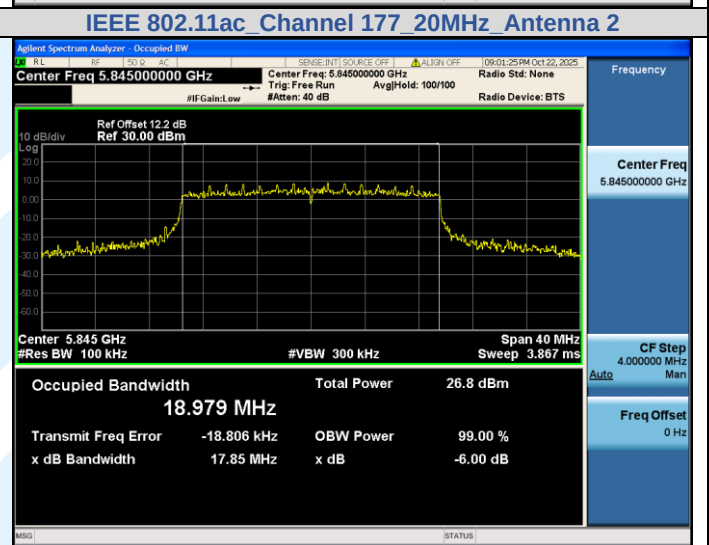
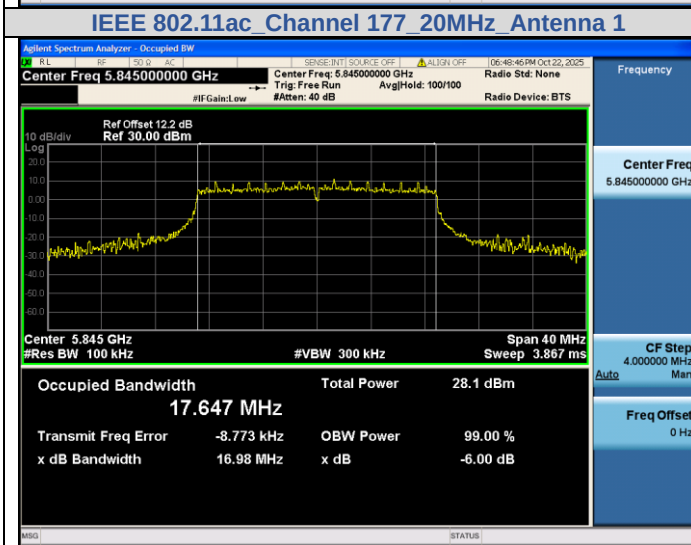
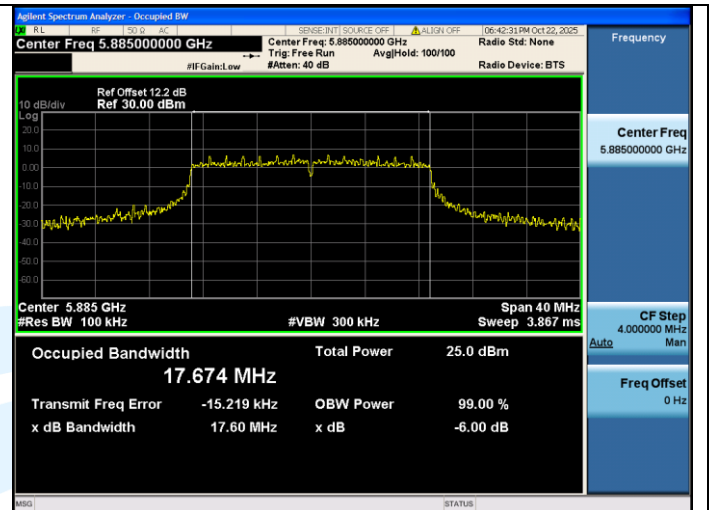
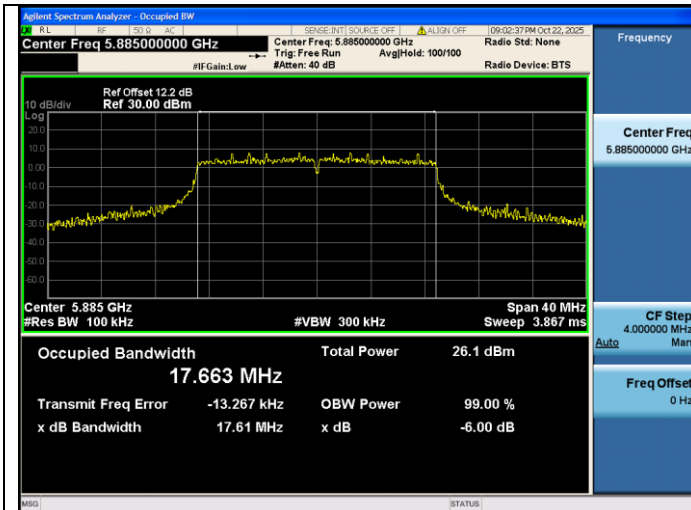
IEEE 802.11ac Channel 169 20MHz Antenna 2

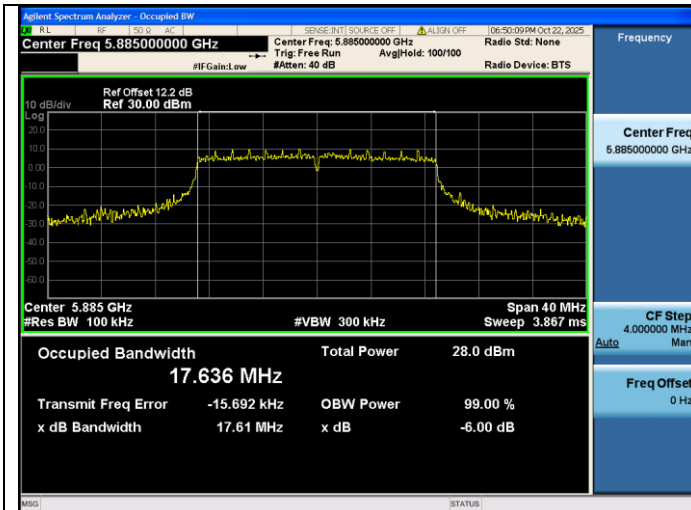


IEEE 802.11ac Channel 173 20MHz Antenna 1



IEEE 802.11ac Channel 173 20MHz Antenna 2





IEEE 802.11ac_Channel 177_20MHz_Antenna 3



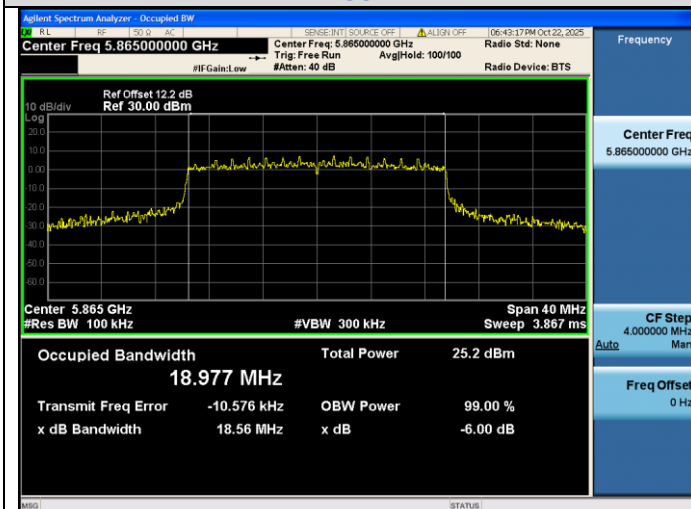
IEEE 802.11ax_Channel 177_20MHz_Antenna 1_RU&Index SU



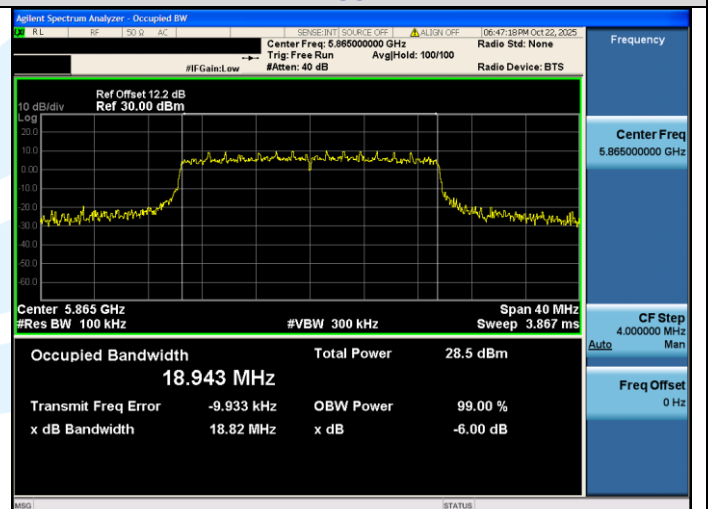
IEEE 802.11ax_Channel 169_20MHz_Antenna 2_RU&Index SU



IEEE 802.11ax_Channel 169_20MHz_Antenna 3_RU&Index SU



IEEE 802.11ax_Channel 173_20MHz_Antenna 2_RU&Index SU



IEEE 802.11ax_Channel 173_20MHz_Antenna 3_RU&Index SU

