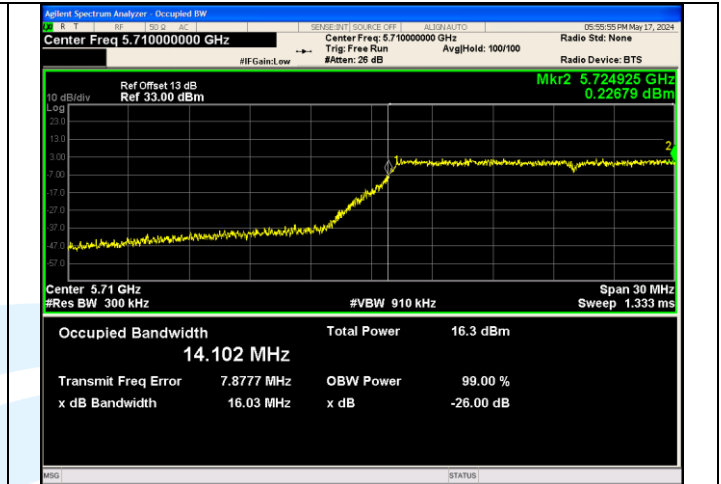
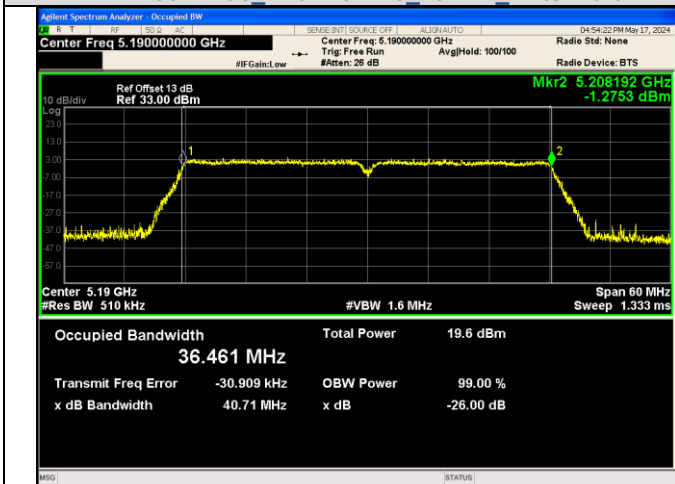


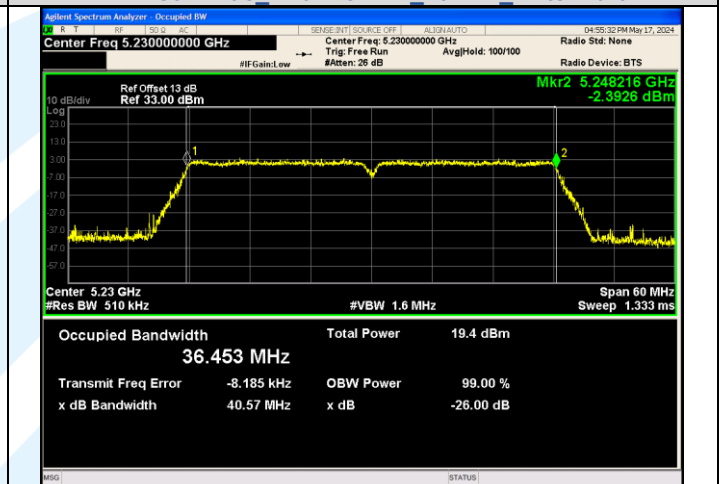
IEEE 802.11ac Channel 140 20MHz Antenna 0



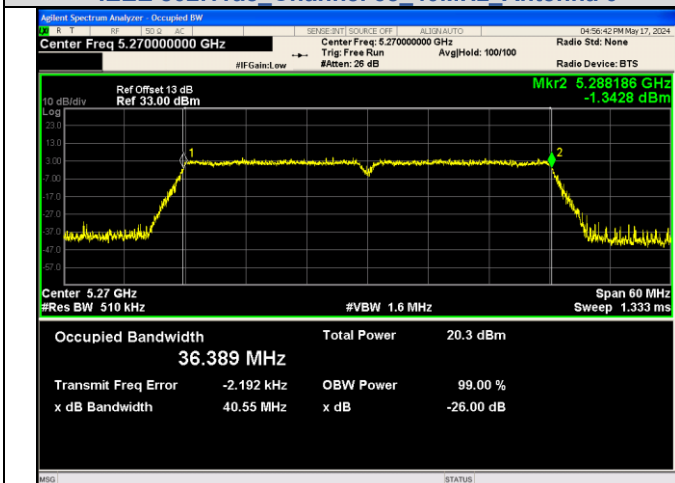
IEEE 802.11ac Channel 144 20MHz Antenna 0



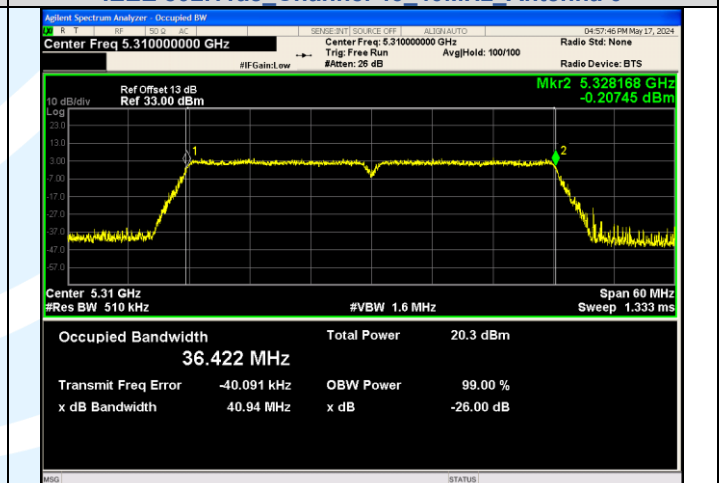
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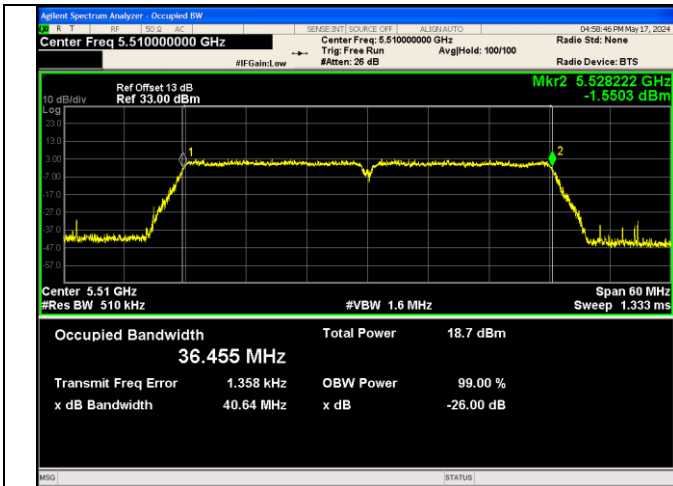
IEEE 802.11ac Channel 46 40MHz Antenna 0



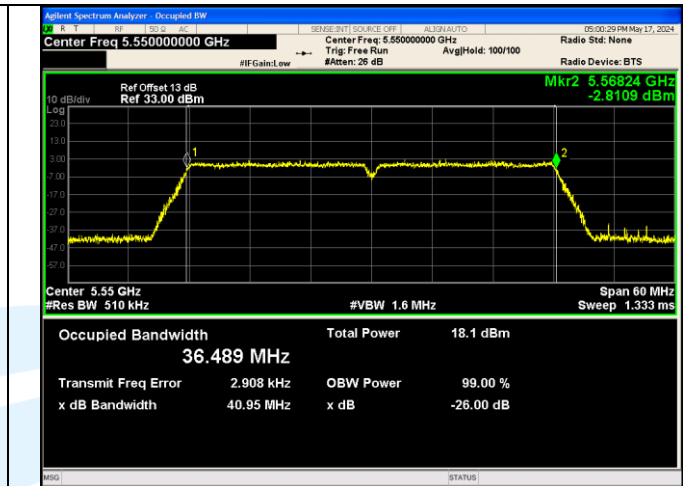
IEEE 802.11ac Channel 54 40MHz Antenna 0



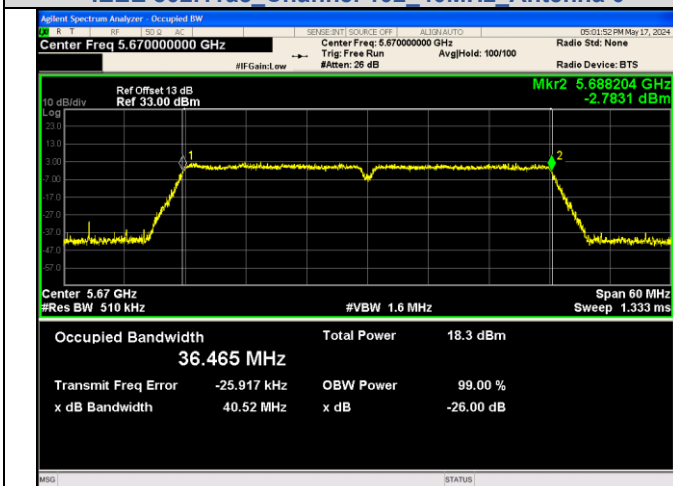
IEEE 802.11ac Channel 62 40MHz Antenna 0



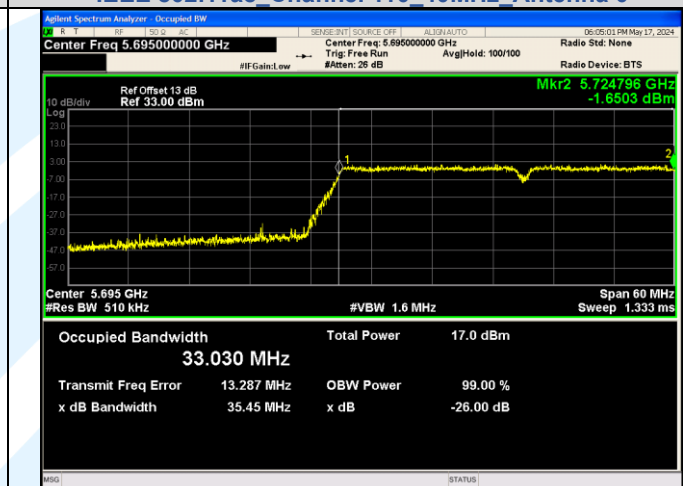
IEEE 802.11ac_Channel 102_40MHz_Antenna 0



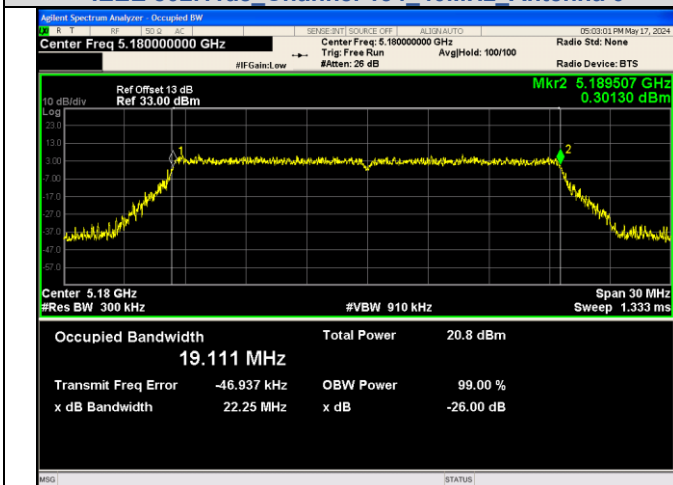
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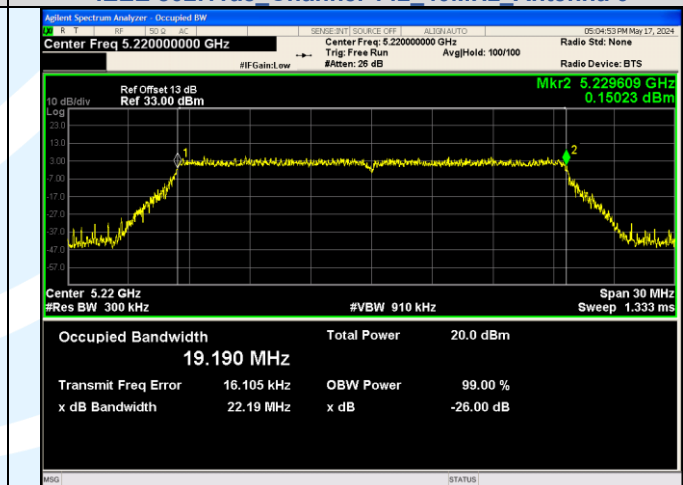
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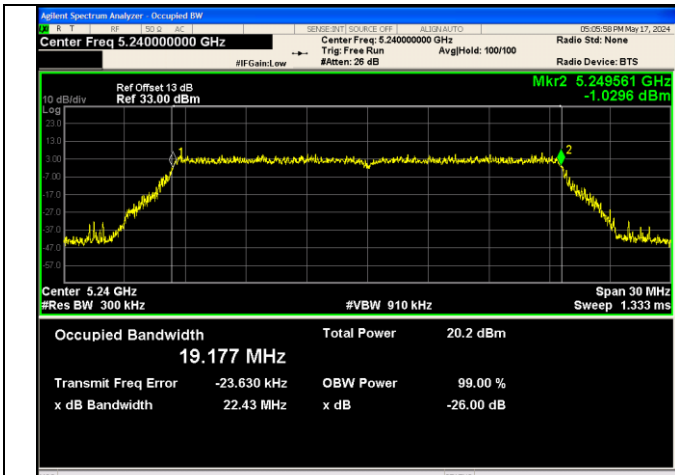
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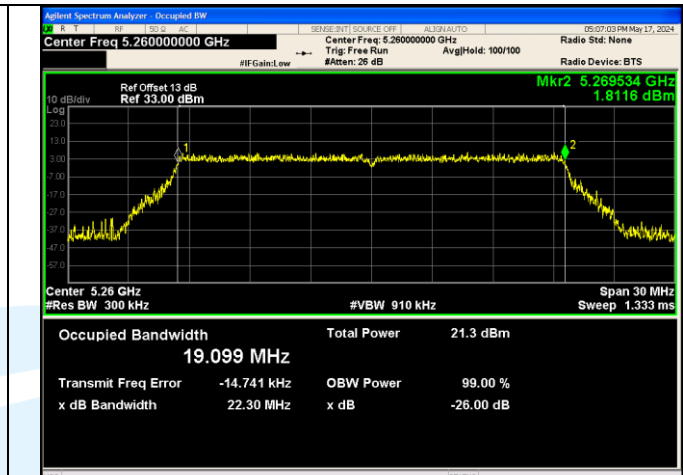
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



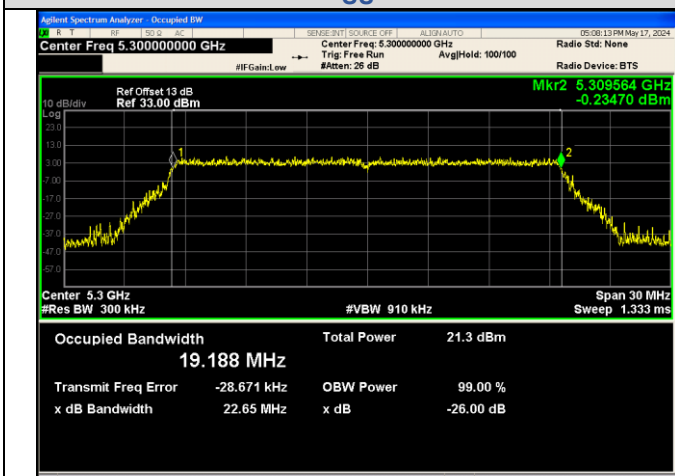
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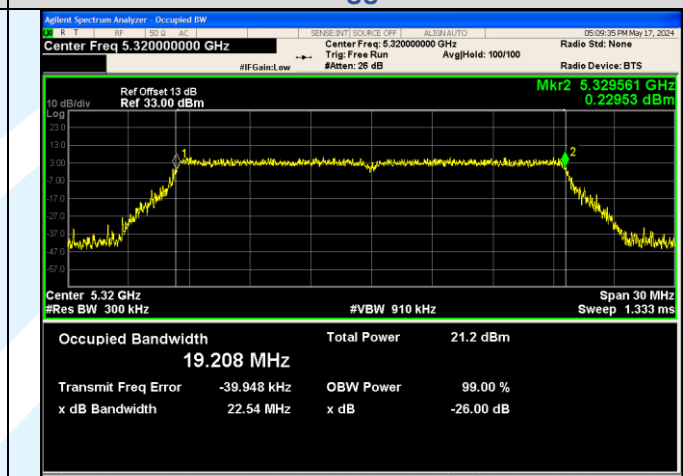
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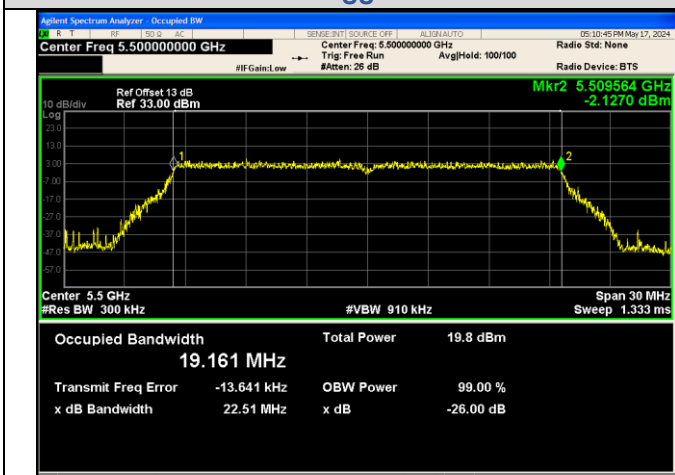
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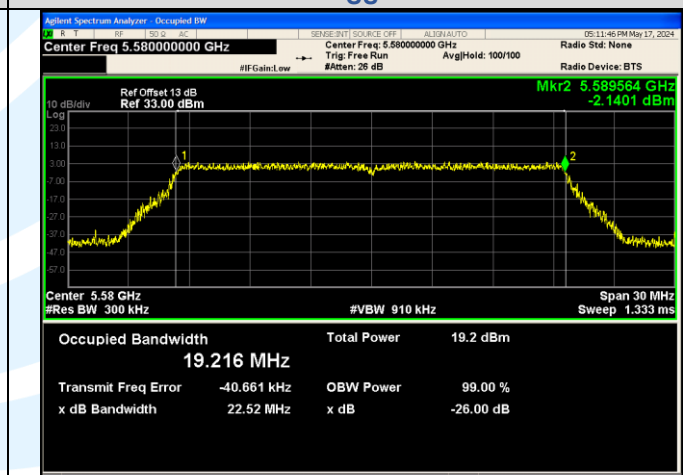
IEEE 802.11ax_Channel 60_20MHz_Antenna 0_RU&Index SU



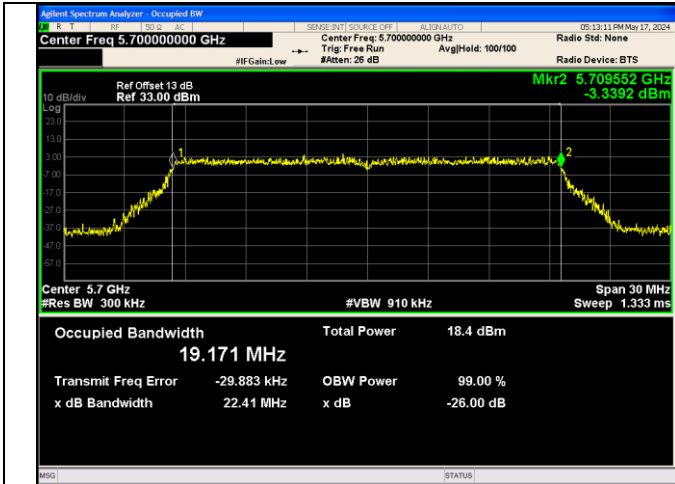
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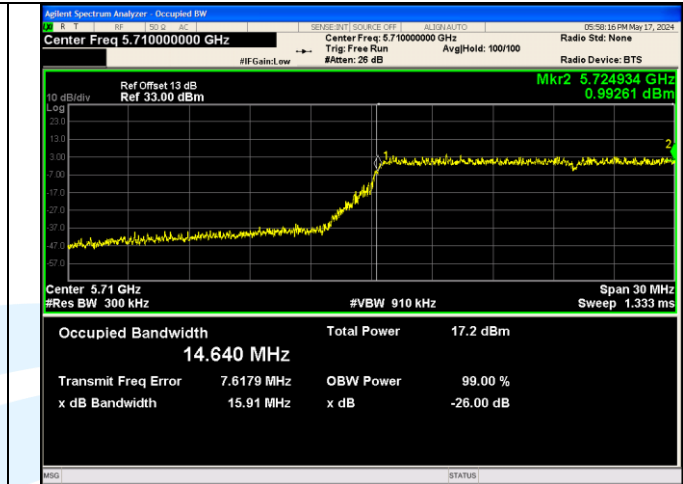
IEEE 802.11ax_Channel 100_20MHz_Antenna 0_RU&Index SU



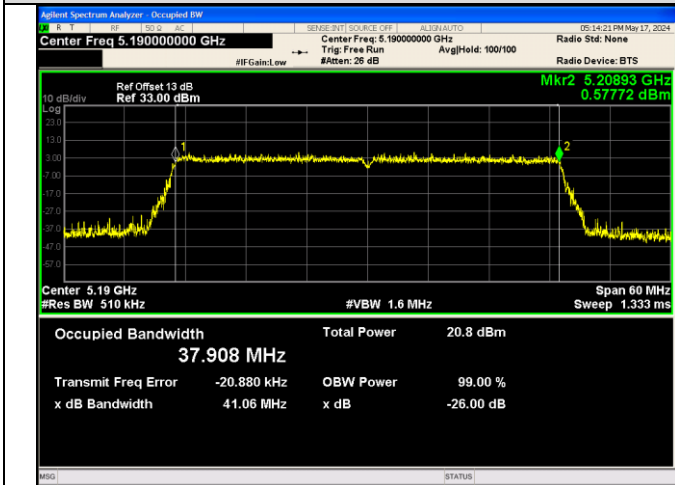
IEEE 802.11ax_Channel 116_20MHz_Antenna 0_RU&Index SU



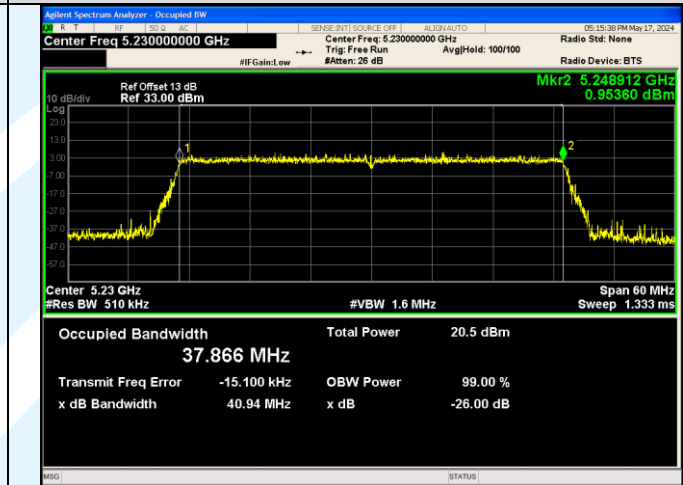
IEEE 802.11ax_Channel 140_20MHz_Antenna 0_RU&Index SU



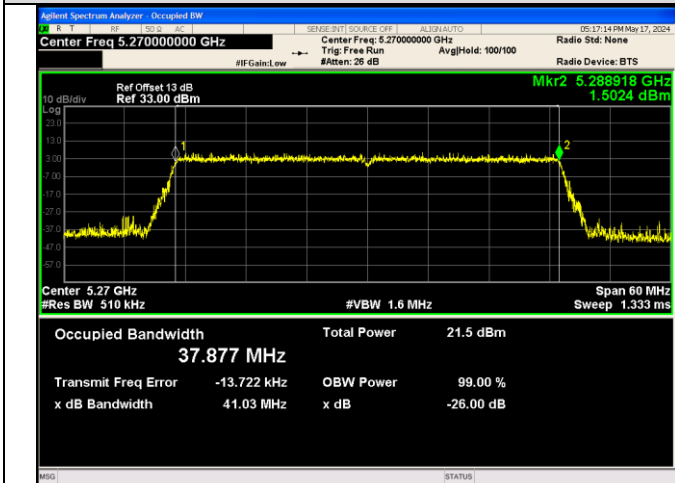
IEEE 802.11ax_Channel 144_20MHz_Antenna 0_RU&Index SU



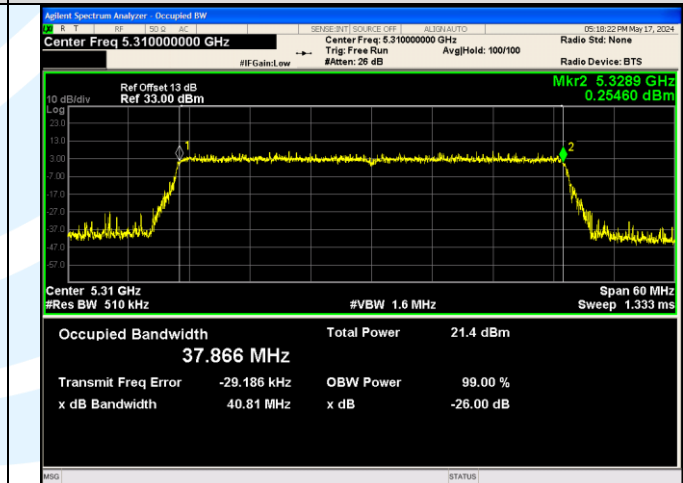
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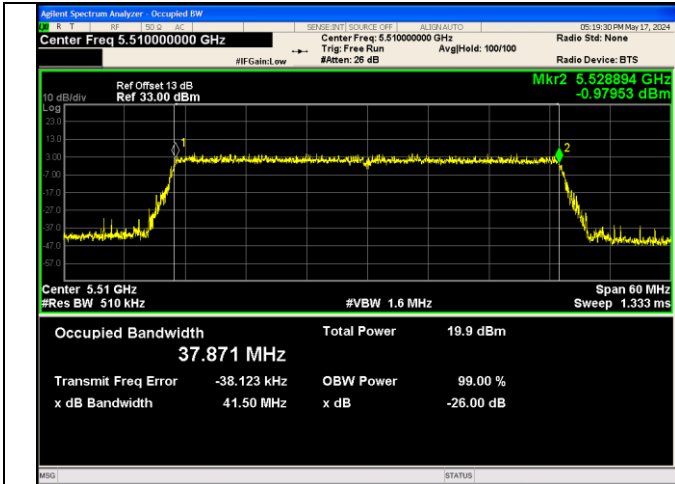
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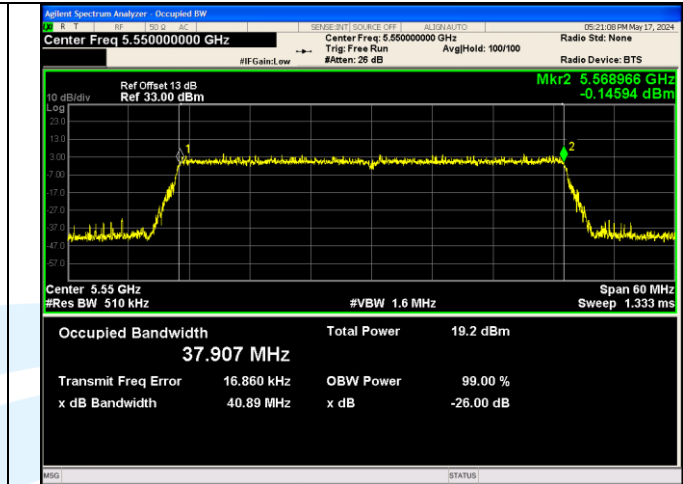
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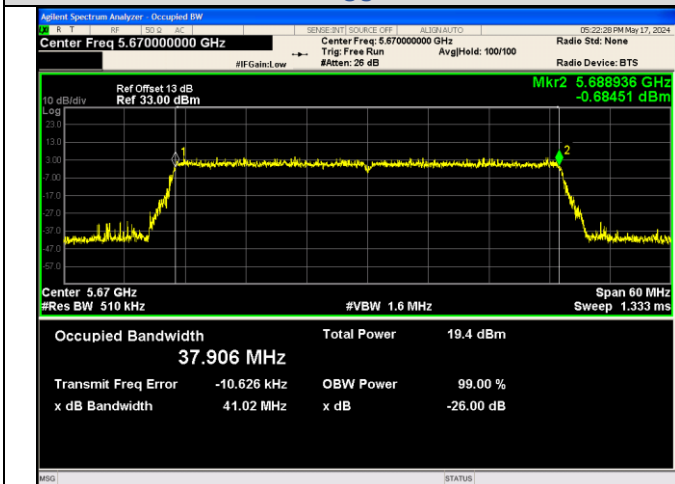
IEEE 802.11ax_Channel 62_40MHz_Antenna 0_RU&Index SU



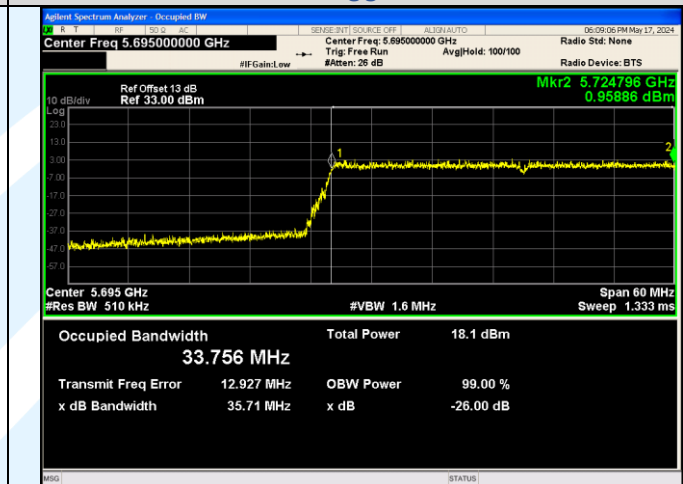
IEEE 802.11ax_Channel 102_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 110_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 134_40MHz_Antenna 0_RU&Index SU

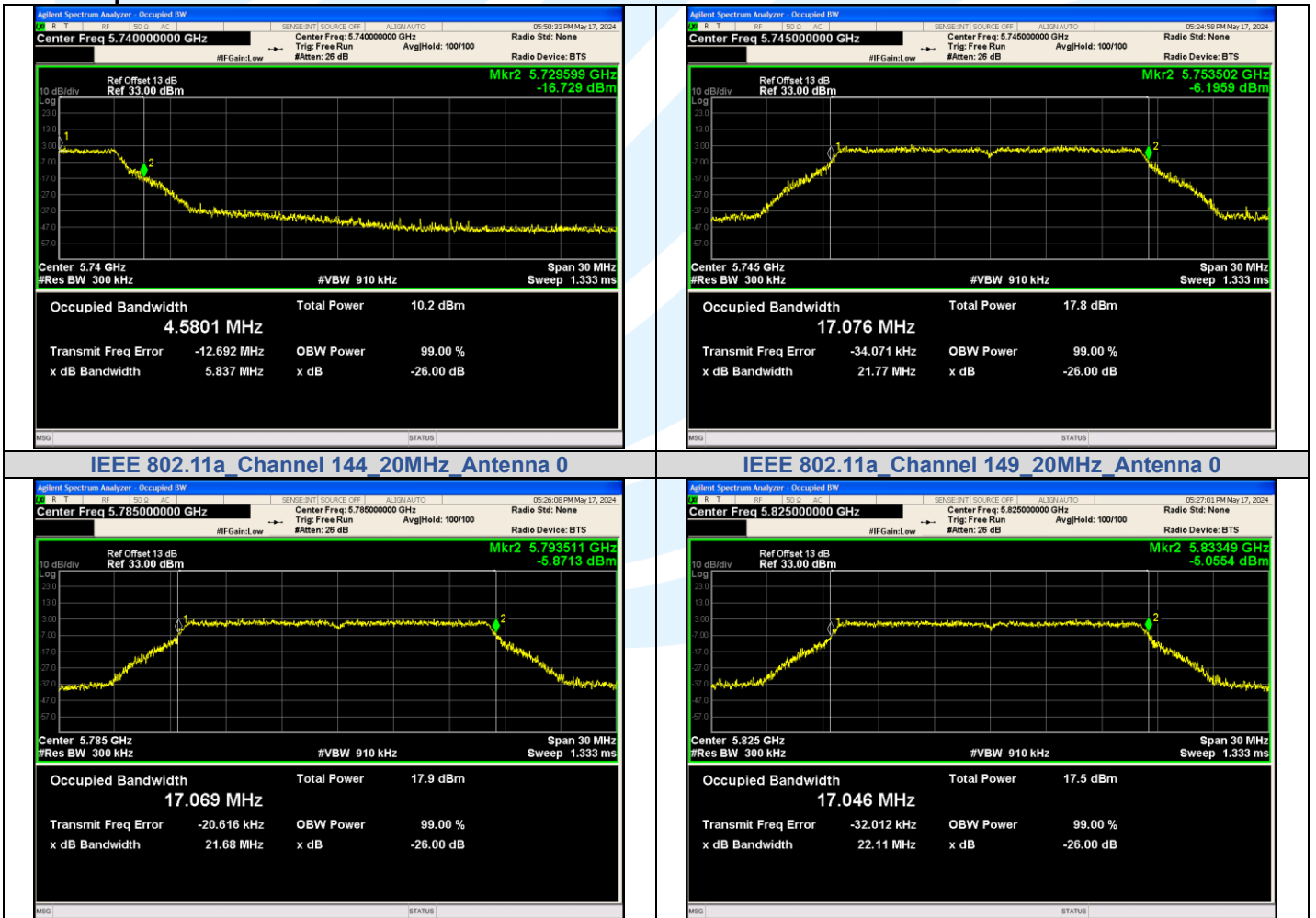


IEEE 802.11ax_Channel 142_40MHz_Antenna 0_RU&Index SU

For U-NII-3 band

Mode	Channel	RU & Index	Ant.	99% BW (MHz)		
IEEE 802.11a	144	N/A	0	4.5801		
	149			17.076		
	157			17.069		
	165			17.046		
IEEE 802.11n_20	144			4.7446		
	149			18.086		
	157			18.112		
	165			18.122		
IEEE 802.11n_40	142			4.4779		
	151			36.414		
	159			36.450		
IEEE 802.11ac_20	144			SU	0	4.7886
	149					18.142
	157					18.111
	165					18.102
IEEE 802.11ac_40	142					4.3918
	151	36.492				
	159	36.501				
	144	4.9039				
IEEE 802.11ax_20	149	19.151				
	157	19.159				
	165	19.181				
	142	4.7072				
IEEE 802.11ax_40	151	37.869				
	159	37.896				

Test Graphs



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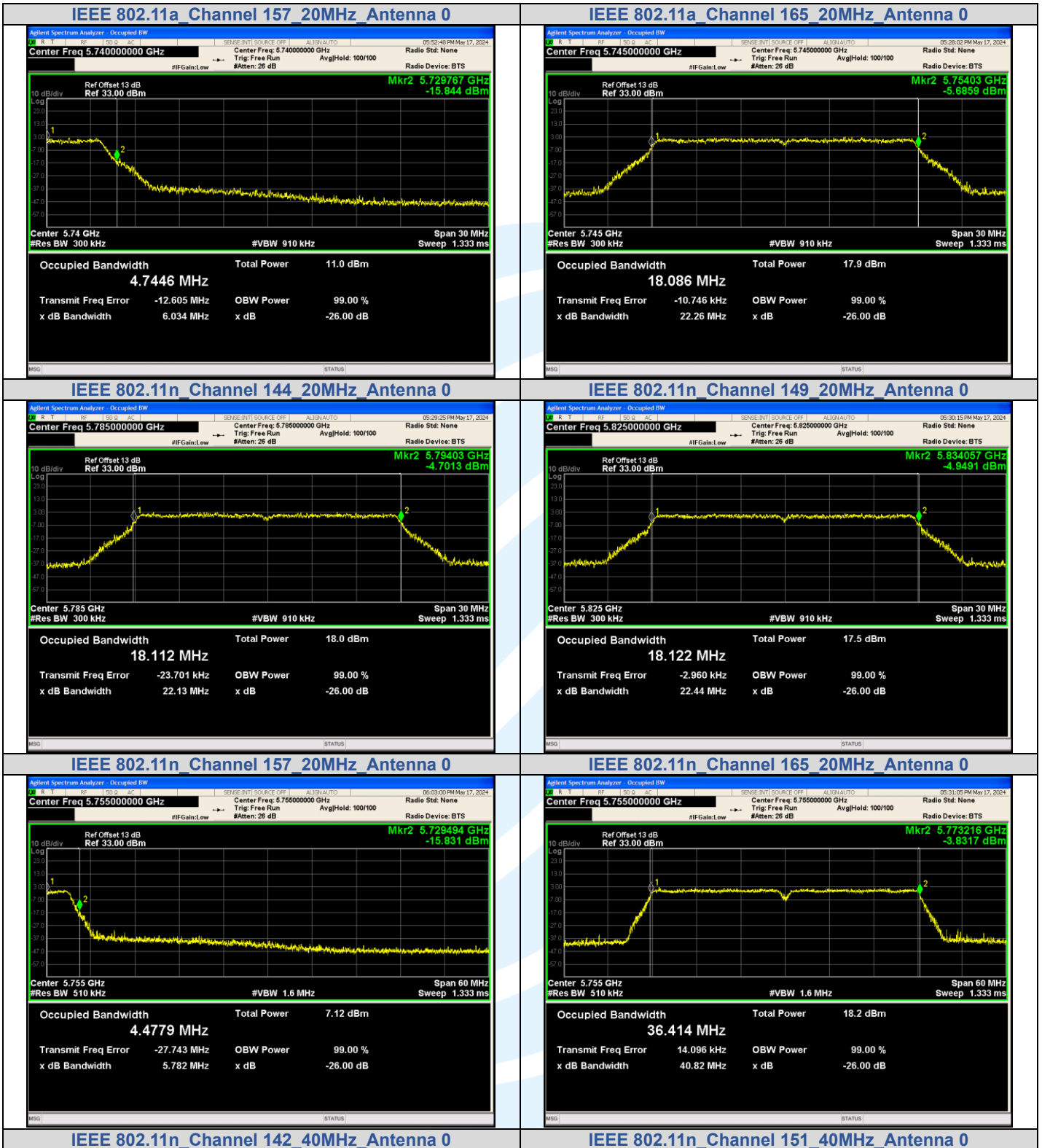
Tel: +86-755-28230888

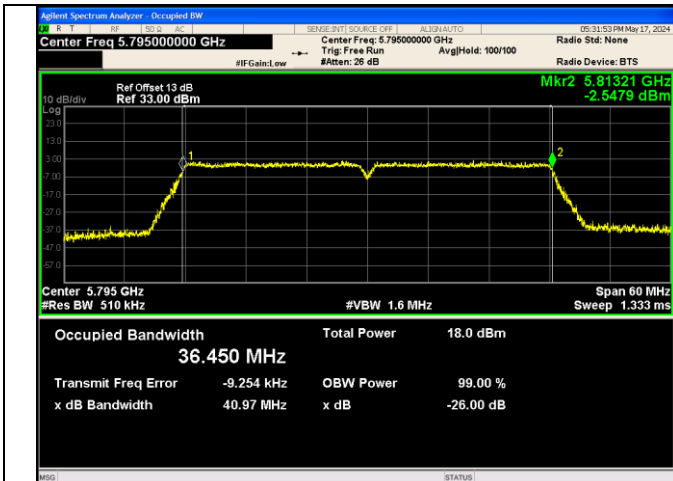
Fax: +86-755-28230886

E-mail: info@uttlab.com

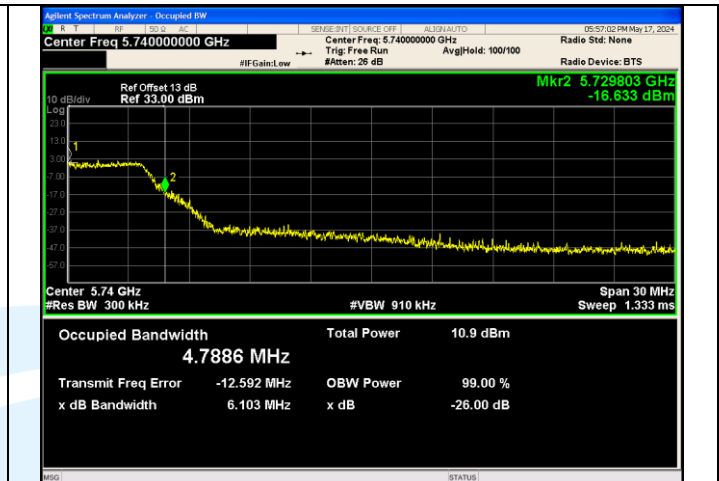
<http://www.uttlab.com>

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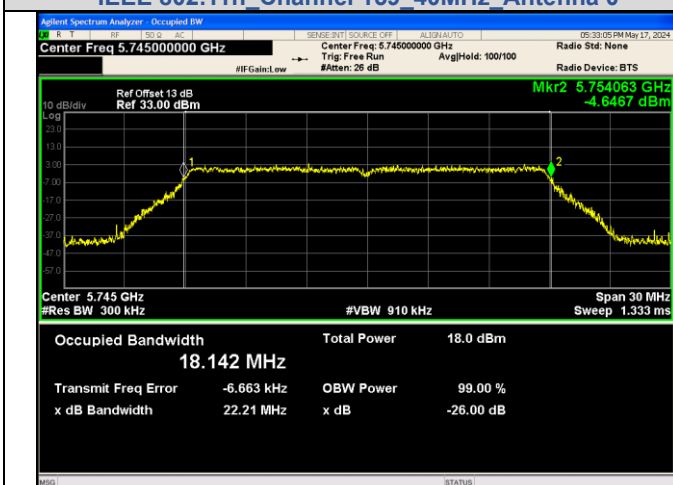




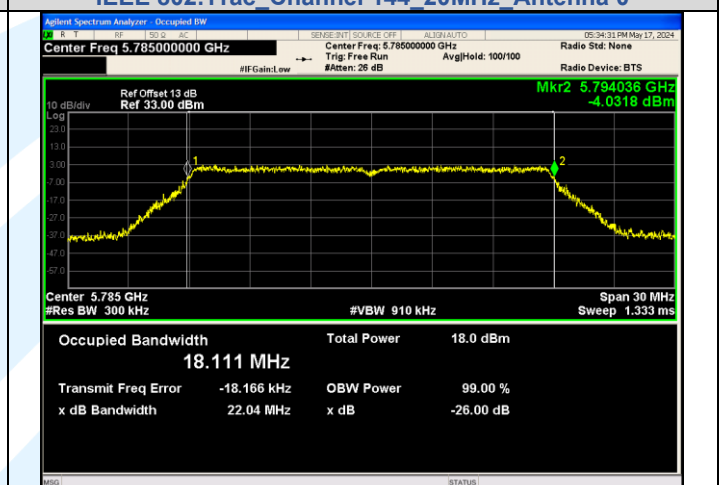
IEEE 802.11n Channel 159 40MHz Antenna 0



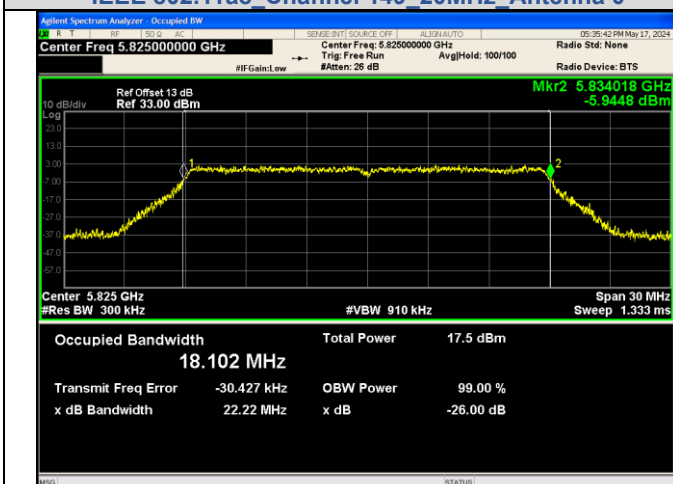
IEEE 802.11ac Channel 144 20MHz Antenna 0



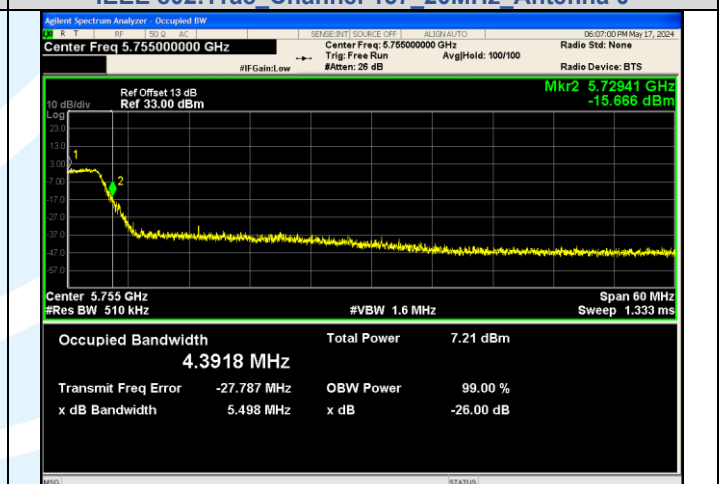
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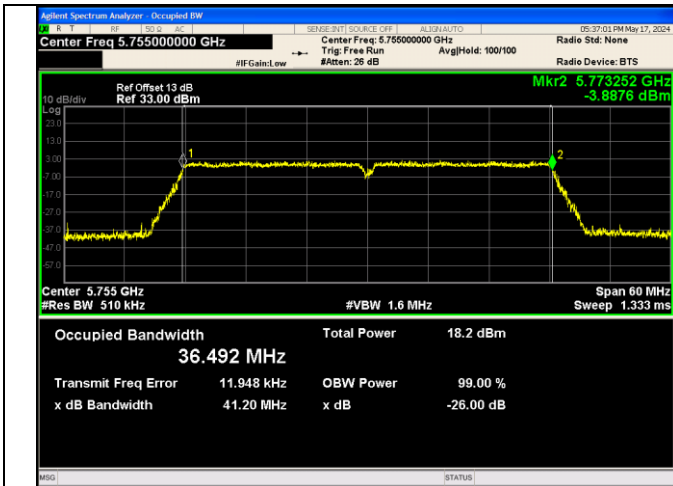
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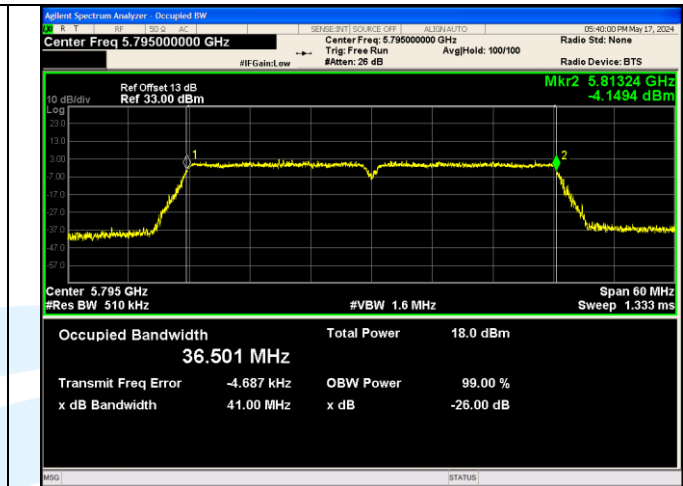
IEEE 802.11ac Channel 165 20MHz Antenna 0



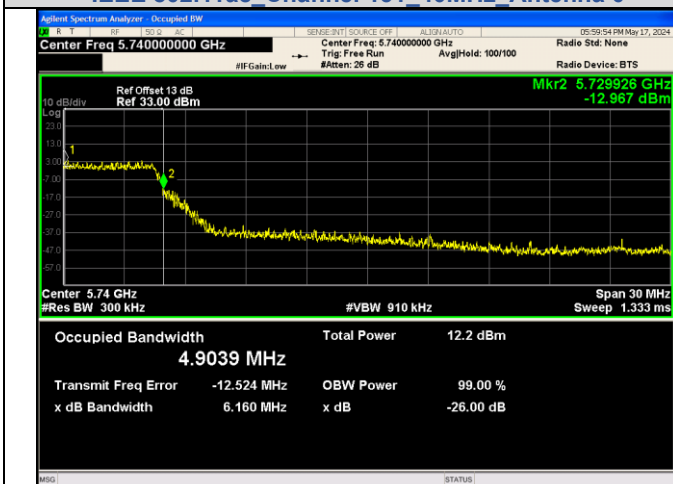
IEEE 802.11ac Channel 142 40MHz Antenna 0



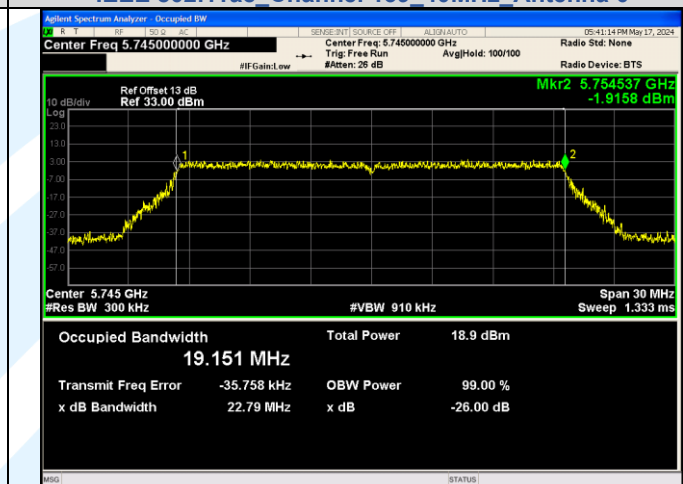
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



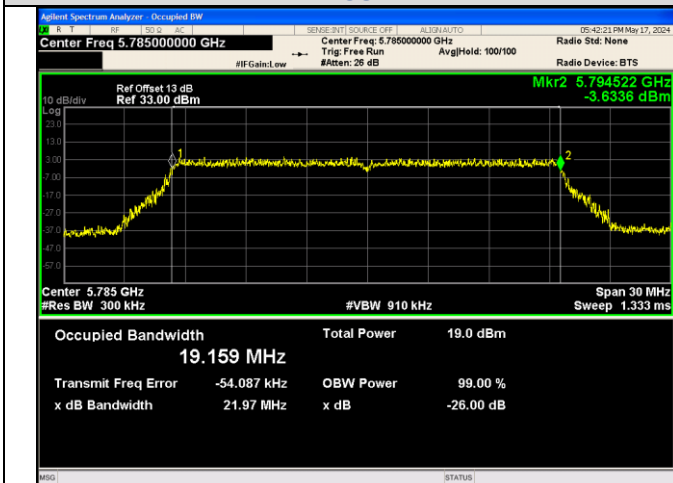
IEEE 802.11ac_Channel 159_40MHz_Antenna 0



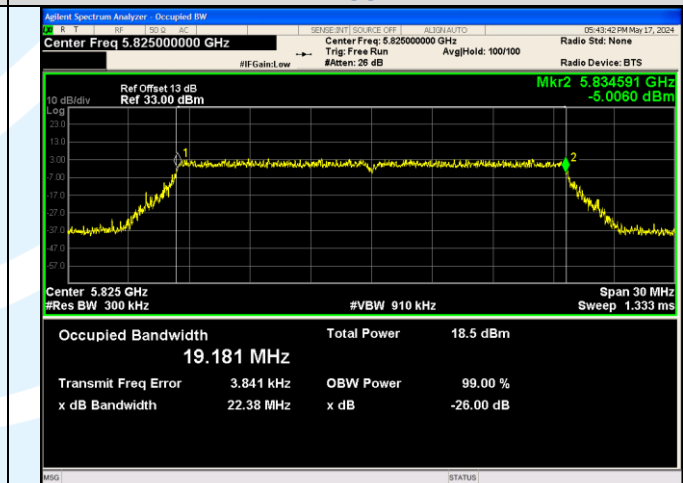
IEEE 802.11ax_Channel 144_20MHz_Antenna 0_RU&Index SU



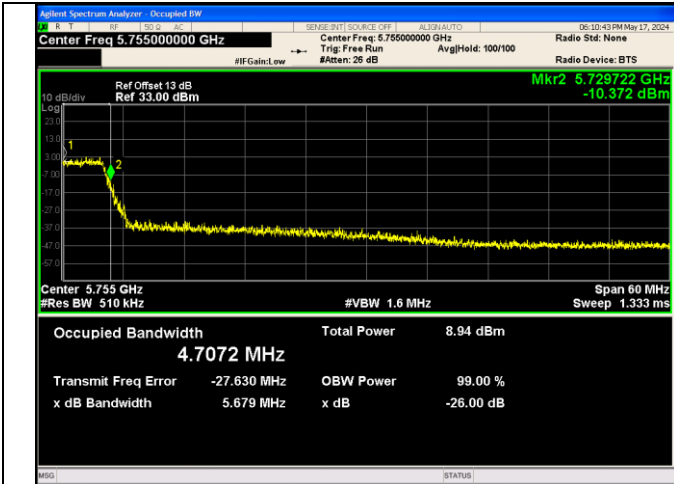
IEEE 802.11ax_Channel 149_20MHz_Antenna 0_RU&Index SU



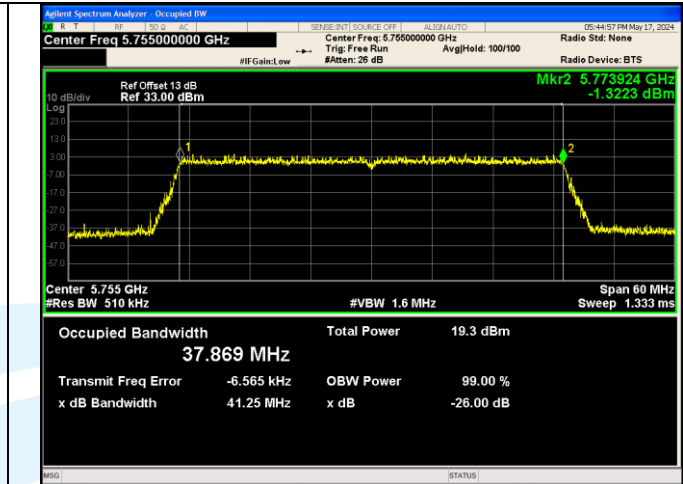
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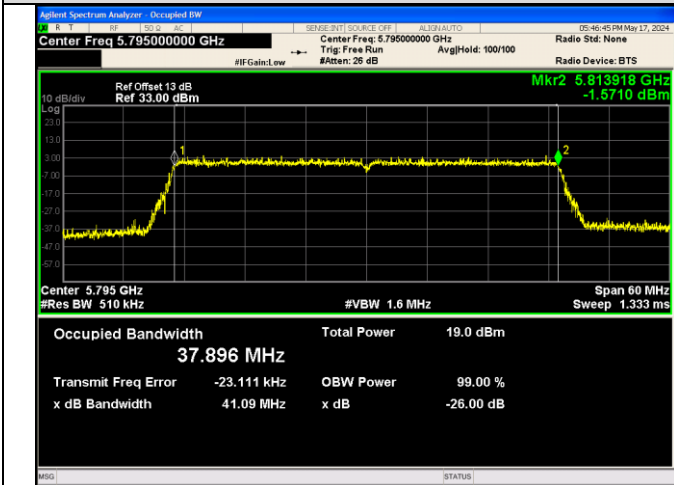
IEEE 802.11ax_Channel 165_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 142_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU

A.2 26DB BANDWIDTH

For U-NII-1, U-NII-2A, U-NII-2C band

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	N/A	0	5180	21.50	1.1
	44			5220	21.64	1.11
	48			5240	21.47	1.11
	52			5260	21.90	1.09
	60			5300	21.54	1.1
	64			5320	21.51	1.11
	100			5500	21.76	1.09
	116			5580	21.55	1.11
	140			5700	21.93	1.09
	144			5720	15.57	1.14
IEEE 802.11n_20	36	N/A	0	5180	22.00	1.1
	44			5220	22.15	1.1
	48			5240	22.15	1.1
	52			5260	21.94	1.11
	60			5300	21.94	1.11
	64			5320	21.78	1.1
	100			5500	22.02	1.09
	116			5580	21.85	1.11
	140			5700	22.00	1.11
	144			5720	16.08	1.12
IEEE 802.11n_40	38	N/A	0	5190	40.85	1.04
	46			5230	40.50	1.05
	54			5270	40.68	1.04
	62			5310	40.63	1.06
	102			5510	40.52	1.06
	110			5550	40.64	1.04
	134			5670	40.56	1.05
	142			5710	35.29	1.06
IEEE 802.11ac_20	36	N/A	0	5180	21.88	1.1
	44			5220	21.78	1.11
	48			5240	22.02	1.1
	52			5260	22.31	1.09
	60			5300	21.83	1.1
	64			5320	21.88	1.1
	100			5500	21.88	1.12
	116			5580	22.09	1.09
	140			5700	21.63	1.12
	144			5720	15.79	1.15
IEEE 802.11ac_40	38	N/A	0	5190	40.32	1.06
	46			5230	40.77	1.05
	54			5270	40.52	1.05
	62			5310	40.95	1.05
	102			5510	40.55	1.05
	110			5550	40.68	1.05
	134			5670	40.57	1.05
	142			5710	35.28	1.06
IEEE 802.11ax_20	36	SU	0	5180	22.26	1.1
	44			5220	22.13	1.1
	48			5240	22.11	1.1
	52			5260	22.20	1.1
	60			5300	22.30	1.1
	64			5320	22.16	1.12
	100			5500	22.15	1.1
	116			5580	22.60	1.09
	140			5700	22.39	1.09
	144			5720	16.00	1.14
IEEE	38			5190	41.01	1.05

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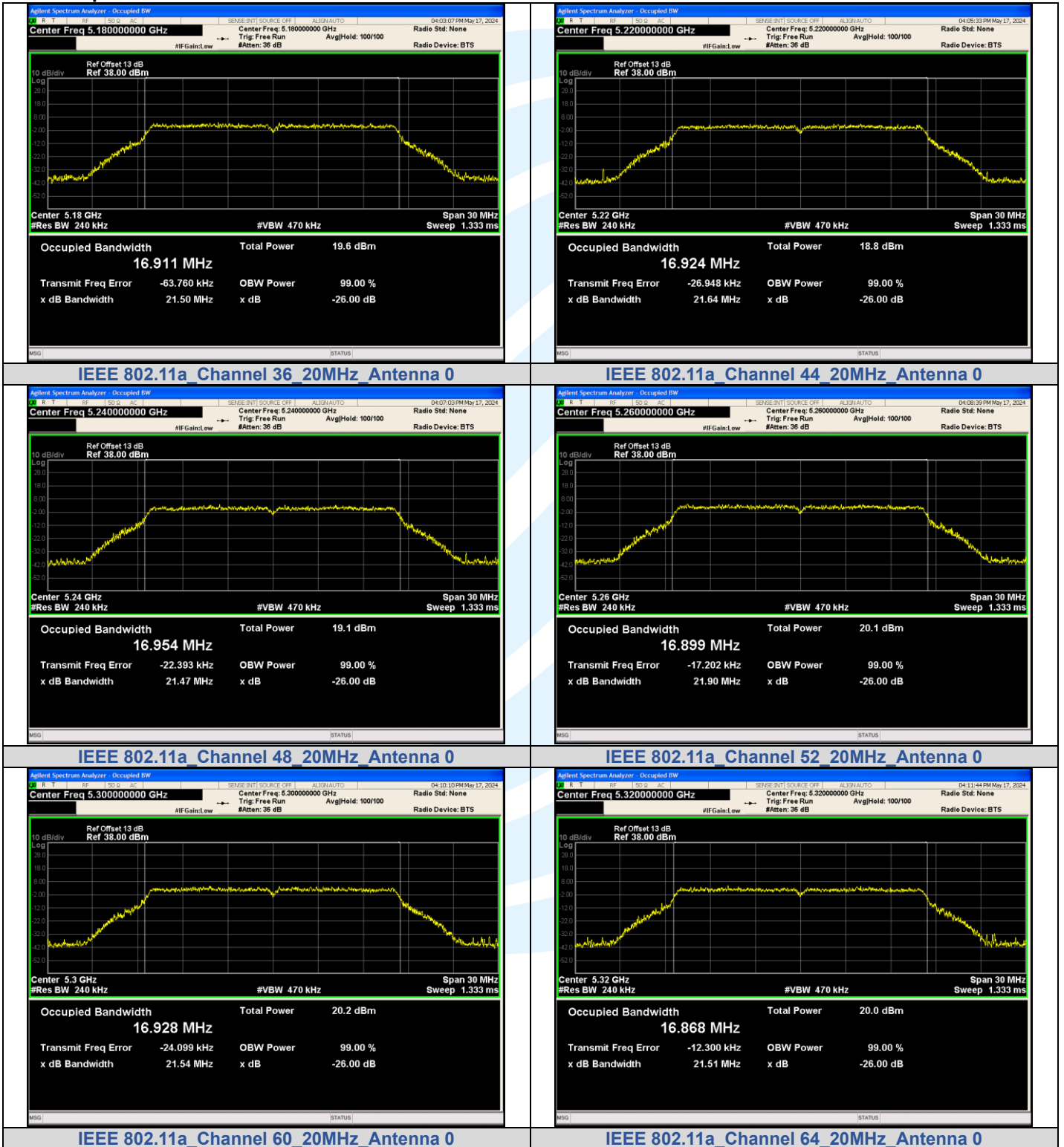
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802.11ax_40	46	5230	40.73	1.05
	54	5270	41.05	1.05
	62	5310	41.06	1.05
	102	5510	41.00	1.06
	110	5550	41.03	1.05
	134	5670	41.17	1.04
	142	5710	35.25	1.07

Test Graphs



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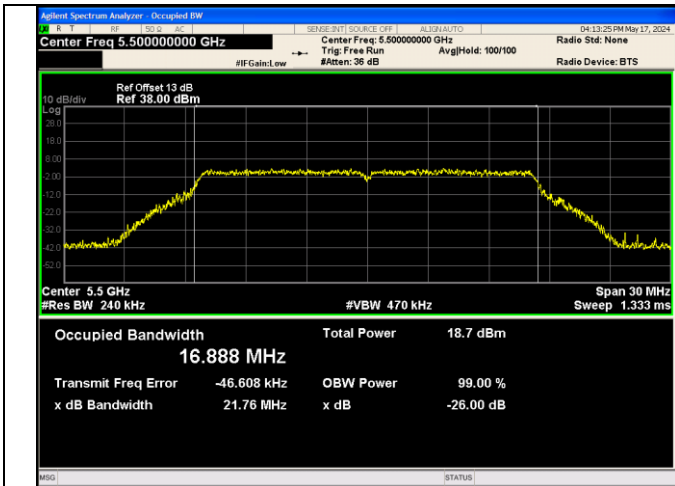
Tel: +86-755-28230888

Fax: +86-755-28230886

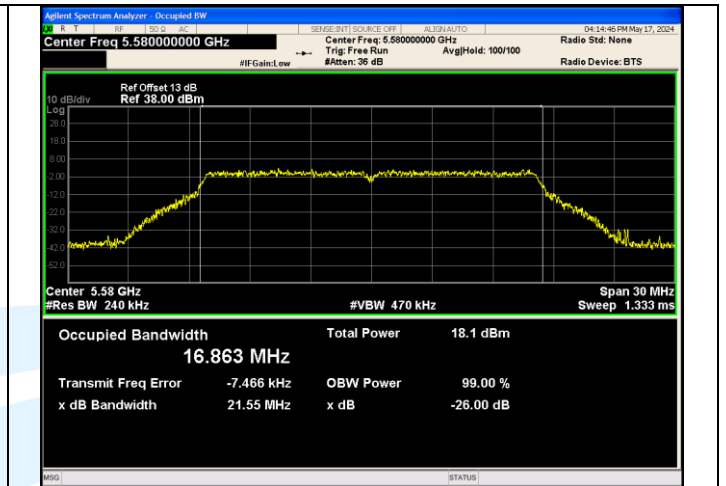
E-mail: info@uttlab.com

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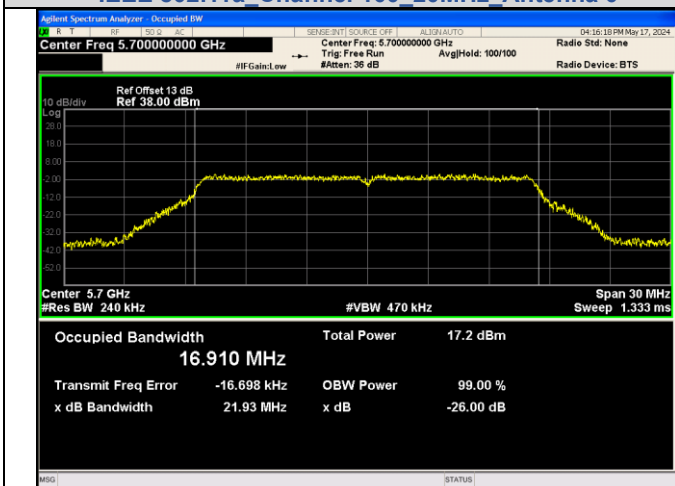
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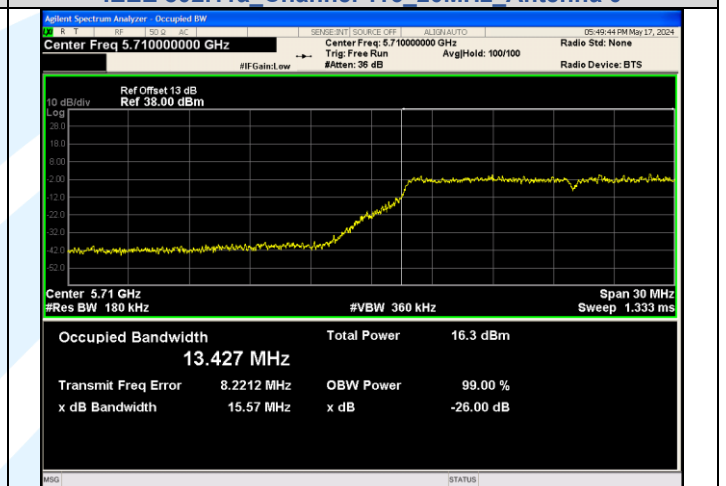
IEEE 802.11a Channel 100 20MHz Antenna 0



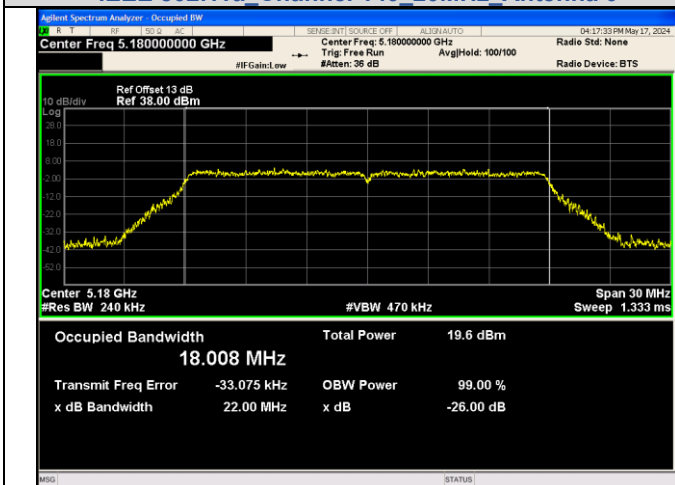
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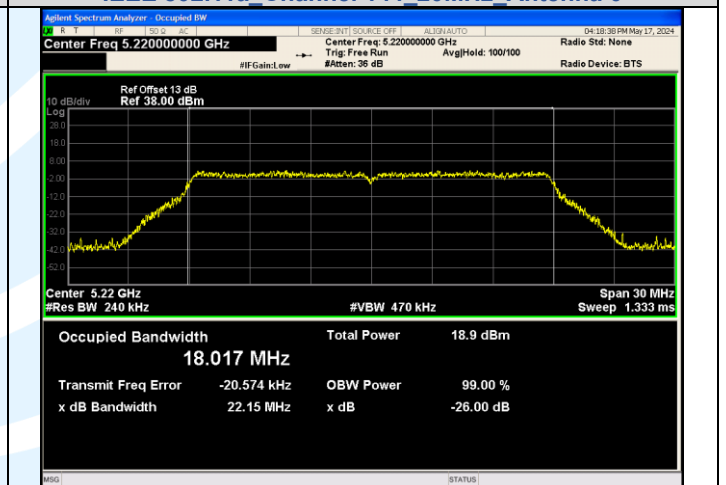
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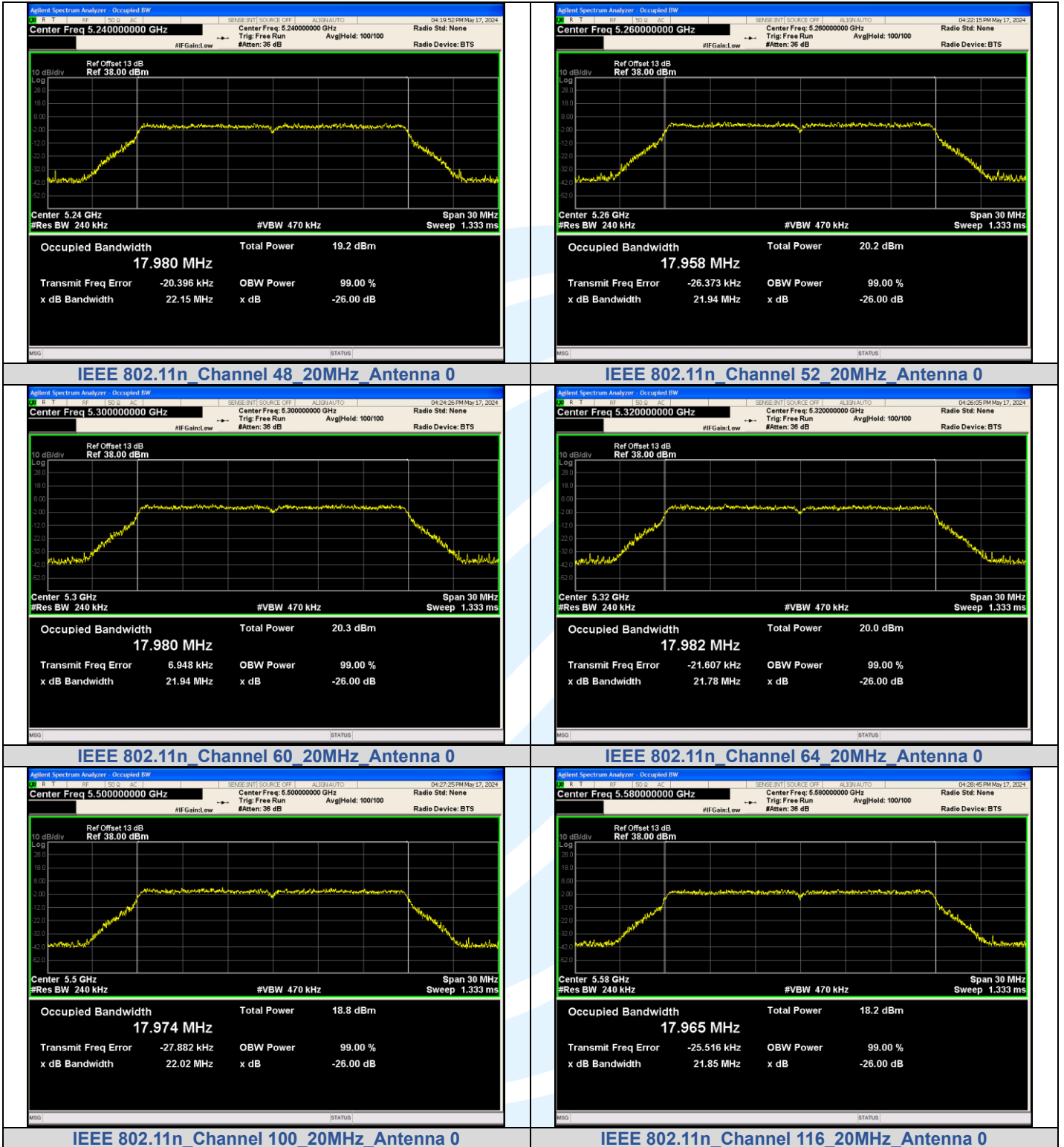
IEEE 802.11a Channel 144 20MHz Antenna 0



IEEE 802.11n Channel 36 20MHz Antenna 0



IEEE 802.11n Channel 44 20MHz Antenna 0



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