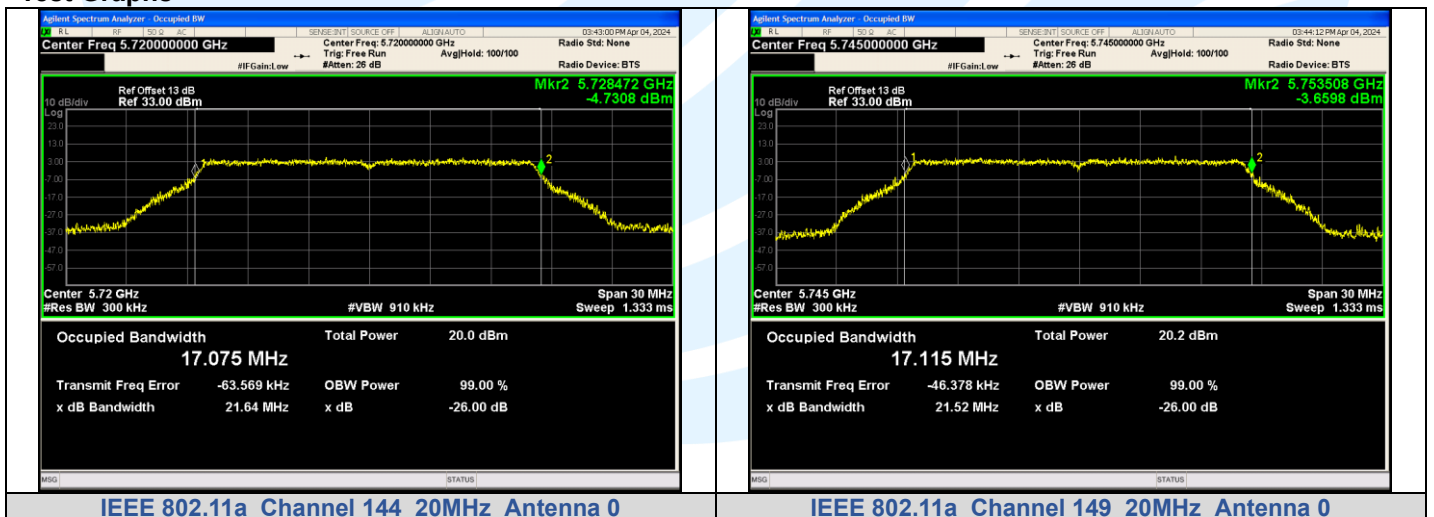


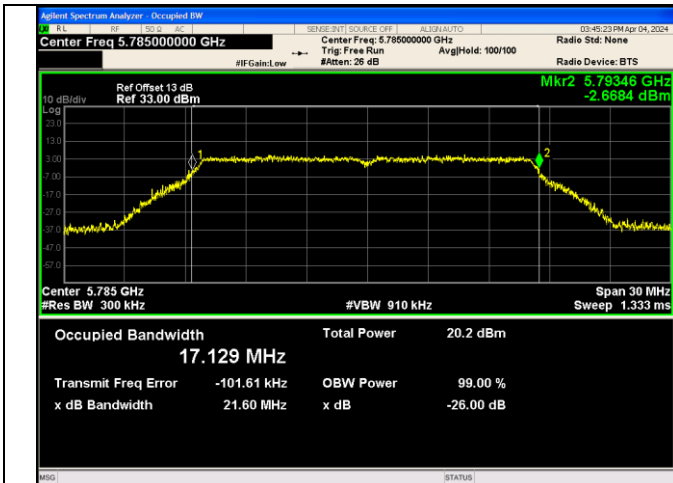
**For U-NII-3 band**

Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	144	N/A	0	17.075
	149			17.115
	157			17.129
	165			17.101
IEEE 802.11n_20	144			18.148
	149			18.134
	157			18.123
	165			18.117
IEEE 802.11n_40	142			36.476
	151			36.493
	159			36.463
IEEE 802.11ac_20	144			18.151
	149			18.095
	157			18.113
	165			18.098
IEEE 802.11ac_40	142			36.468
	151	36.464		
	159	36.464		
IEEE 802.11ax_20	144	19.143		
	149	19.150		
	157	19.154		
	165	19.178		
IEEE 802.11ax_40	142	37.888		
	151	37.829		
	159	37.841		

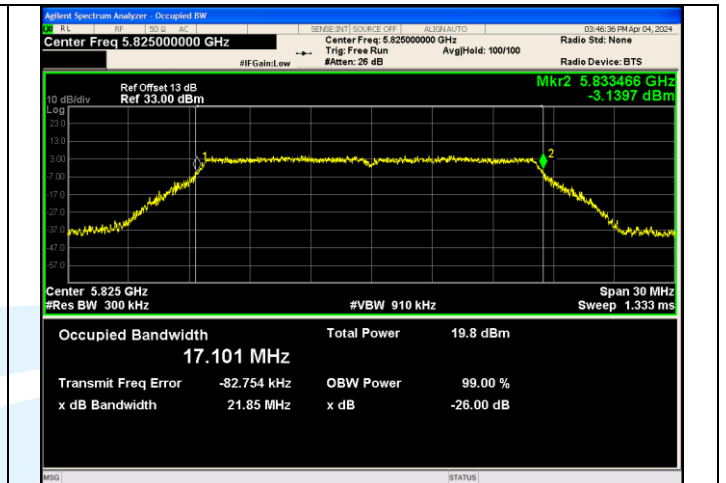
Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	144	N/A	0	4.5532
IEEE 802.11n_20				4.7531
IEEE 802.11n_40				4.2767
IEEE 802.11ac_20				4.7392
IEEE 802.11ac_40				4.2879
IEEE 802.11ax_20				4.9557
IEEE 802.11ax_40	142	SU		4.5044

**Test Graphs**

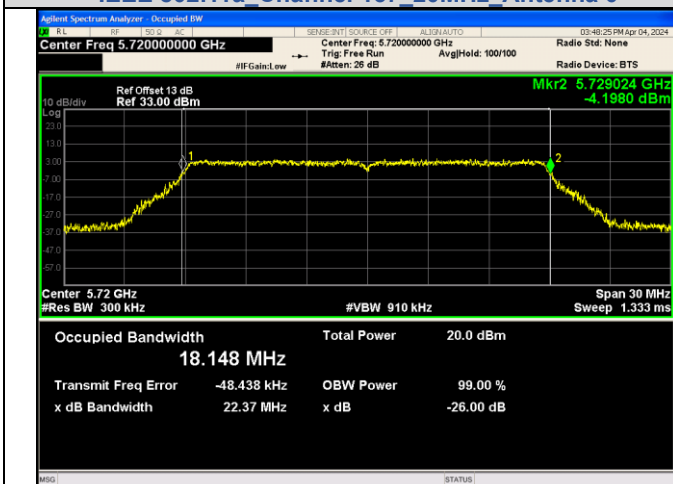




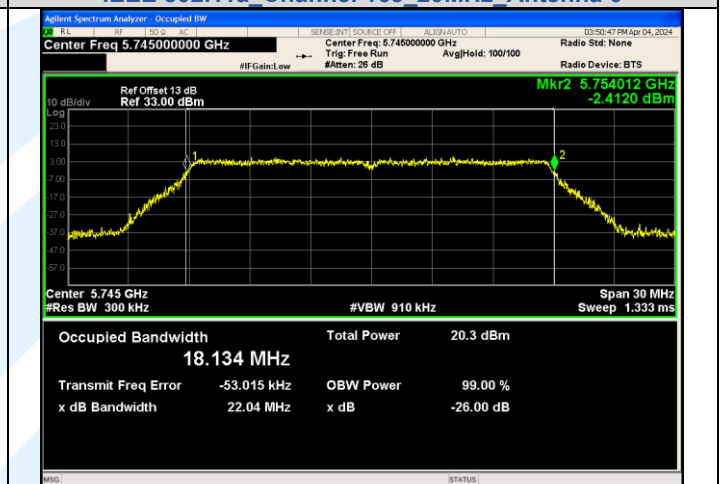
IEEE 802.11a Channel 157 20MHz Antenna 0



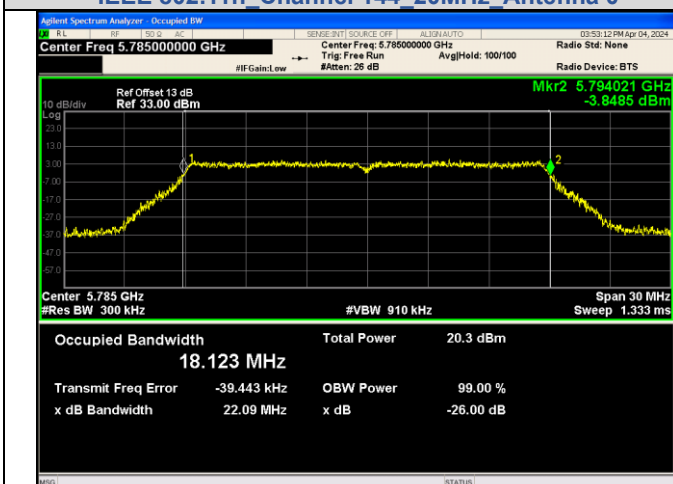
IEEE 802.11a Channel 165 20MHz Antenna 0



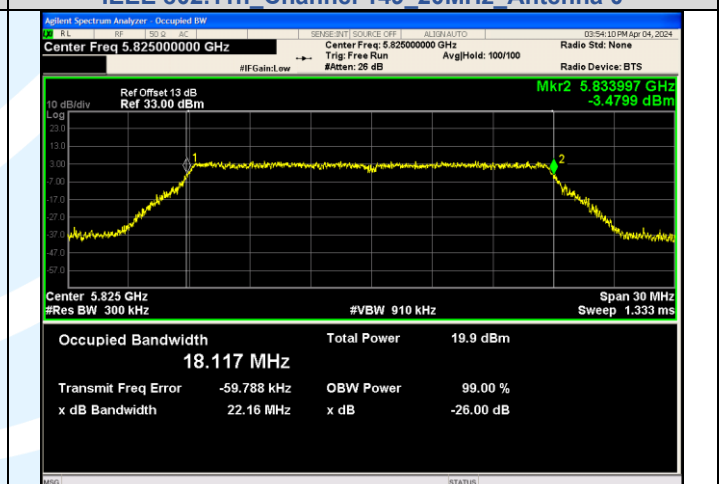
IEEE 802.11n Channel 144 20MHz Antenna 0



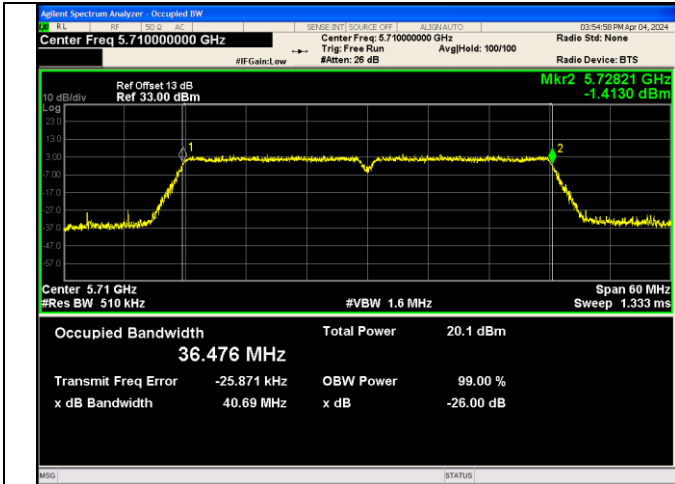
IEEE 802.11n Channel 149 20MHz Antenna 0



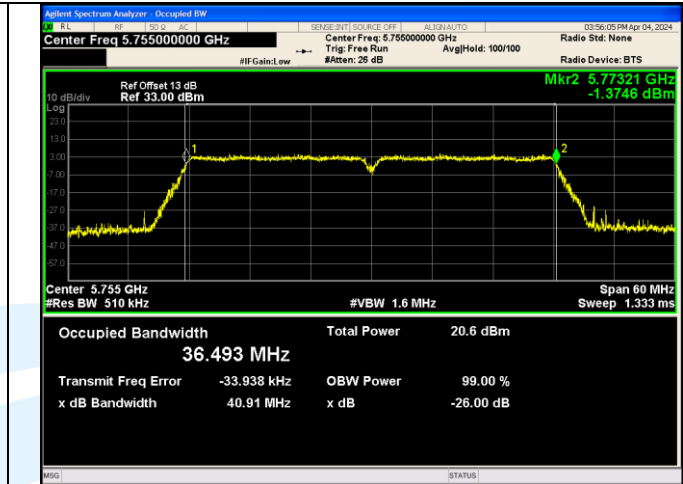
IEEE 802.11n Channel 157 20MHz Antenna 0



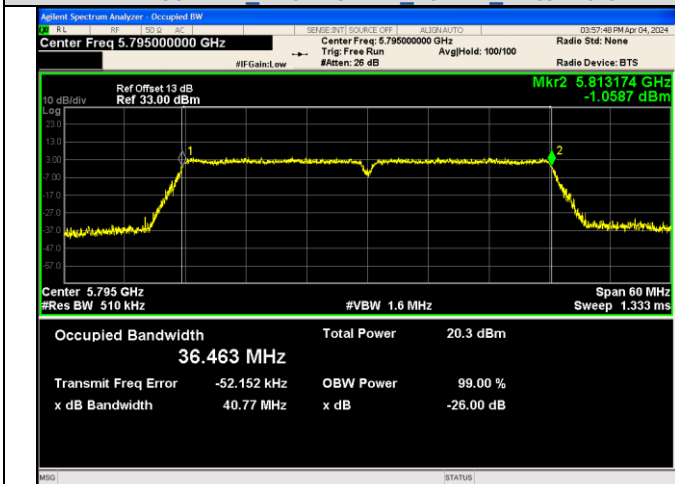
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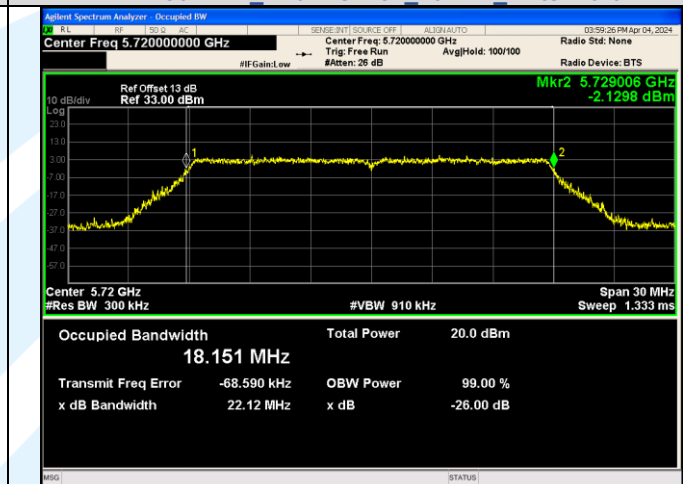
IEEE 802.11n Channel 142\_40MHz Antenna 0



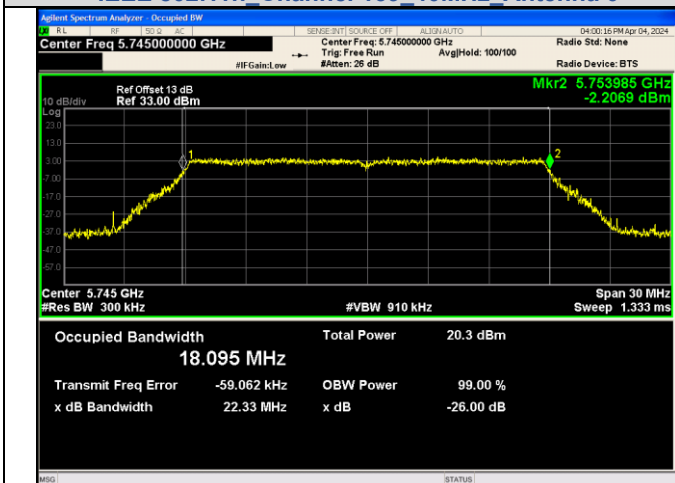
IEEE 802.11n Channel 151\_40MHz Antenna 0



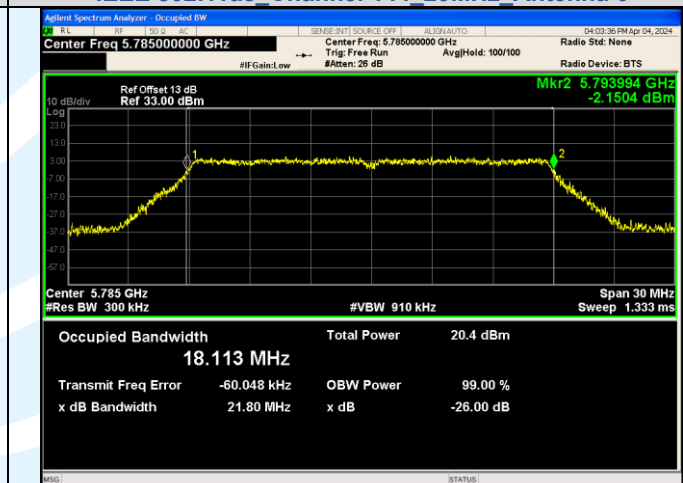
IEEE 802.11n Channel 159\_40MHz Antenna 0



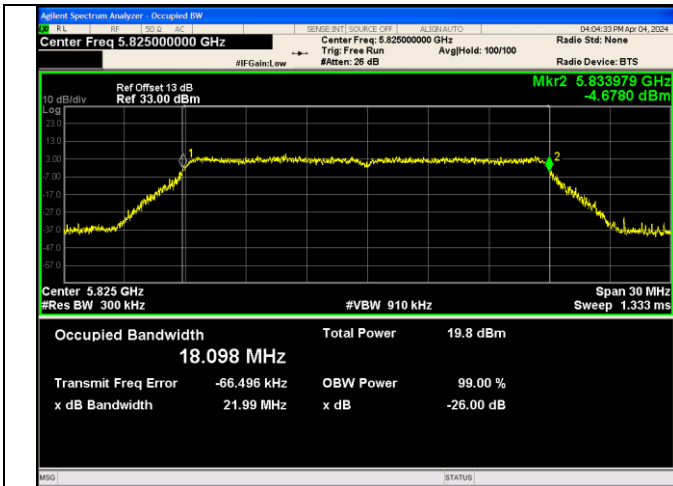
IEEE 802.11ac Channel 144\_20MHz Antenna 0



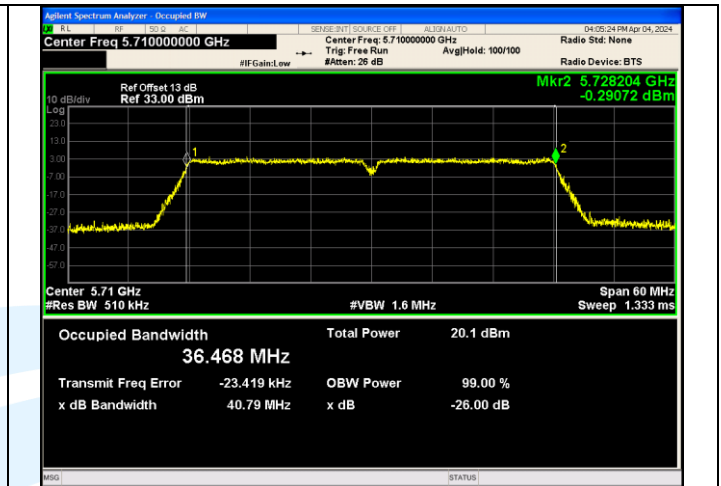
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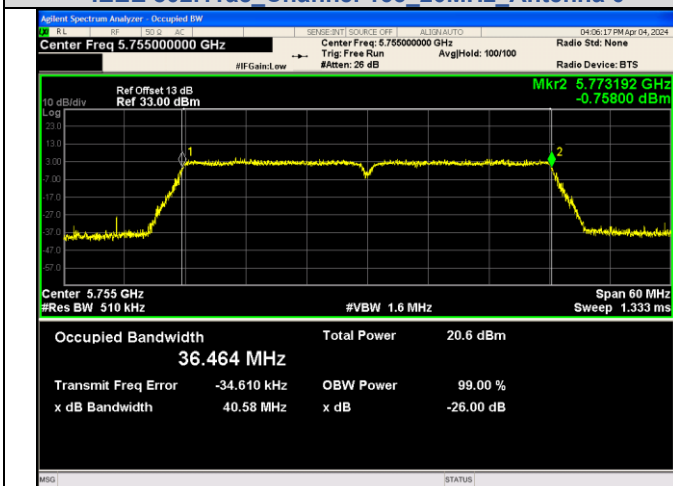
IEEE 802.11ac Channel 157\_20MHz Antenna 0



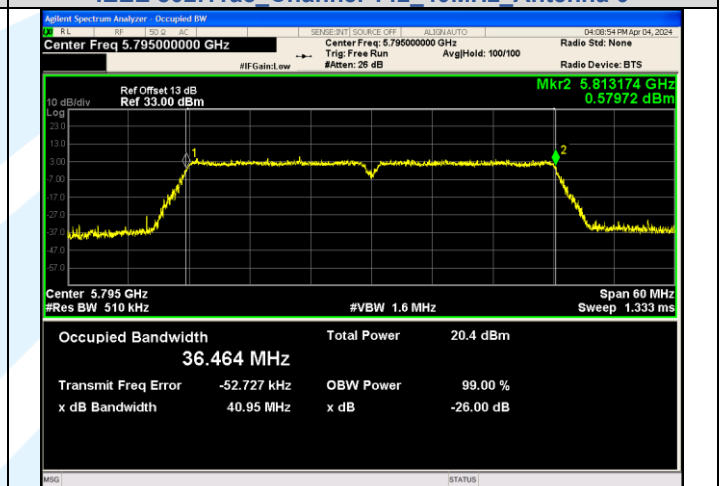
IEEE 802.11ac Channel 165 20MHz Antenna 0



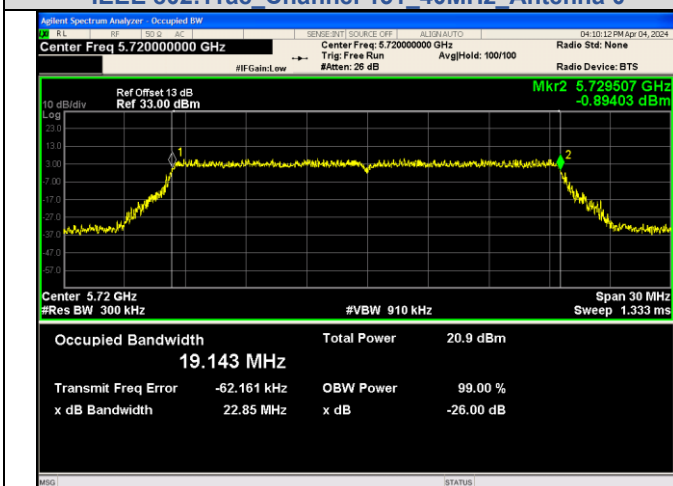
IEEE 802.11ac Channel 142 40MHz Antenna 0



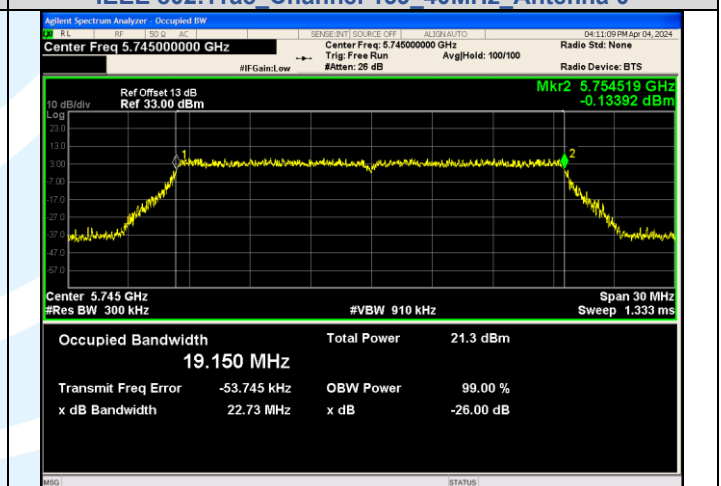
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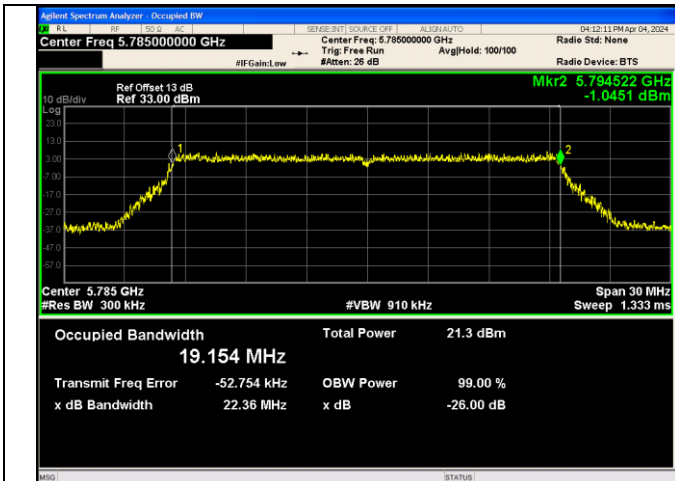
IEEE 802.11ac Channel 159 40MHz Antenna 0



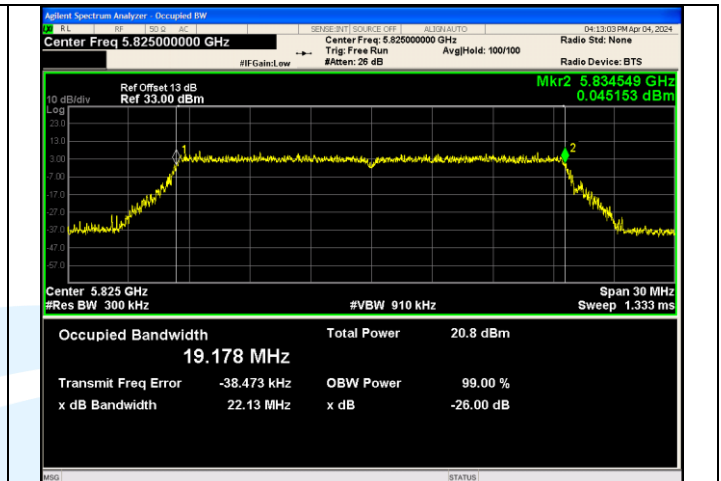
IEEE 802.11ax Channel 144 20MHz Antenna 0\_RU&Index SU



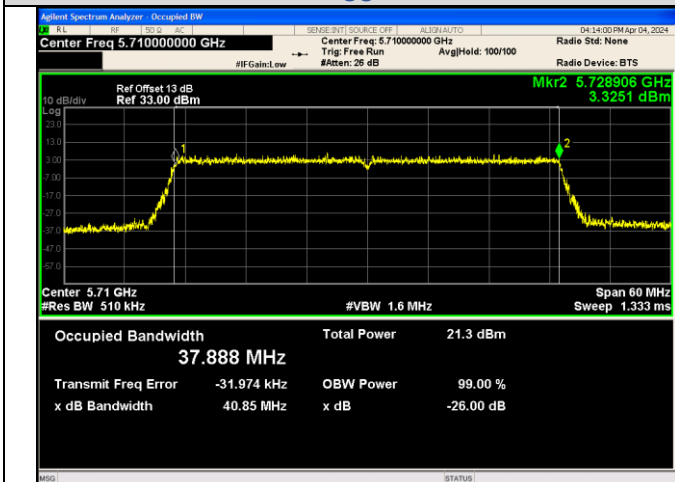
IEEE 802.11ax Channel 149 20MHz Antenna 0\_RU&Index SU



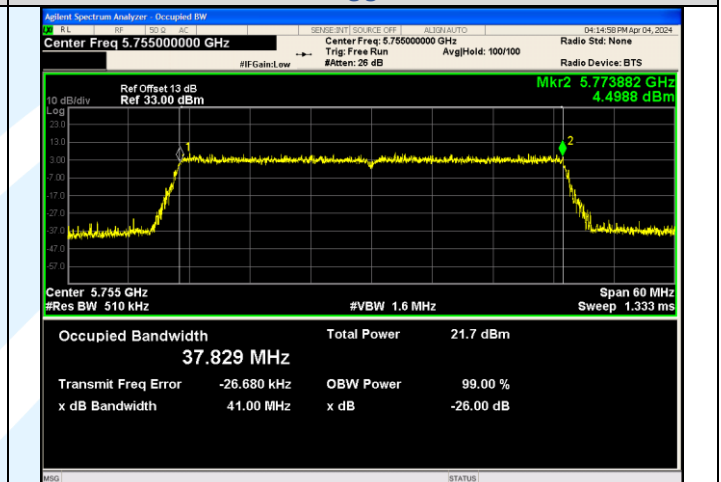
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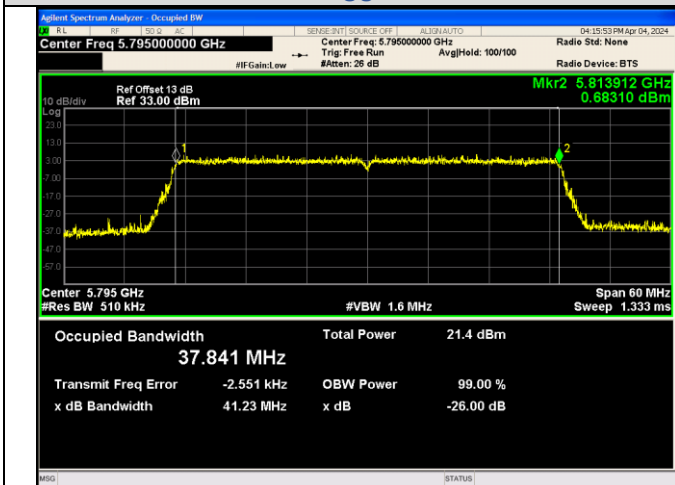
IEEE 802.11ax\_Channel 165\_20MHz\_Antenna 0\_RU&Index SU



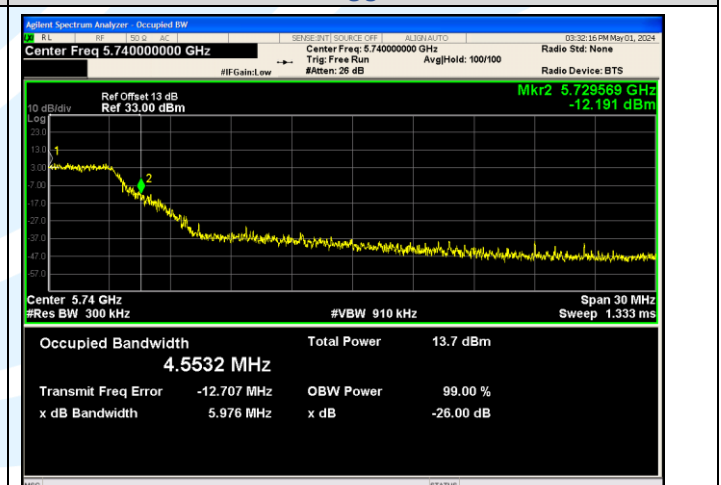
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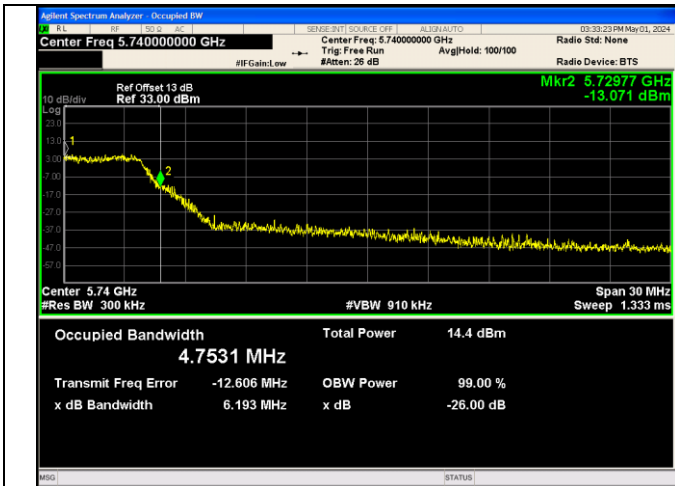
IEEE 802.11ax\_Channel 151\_40MHz\_Antenna 0\_RU&Index SU



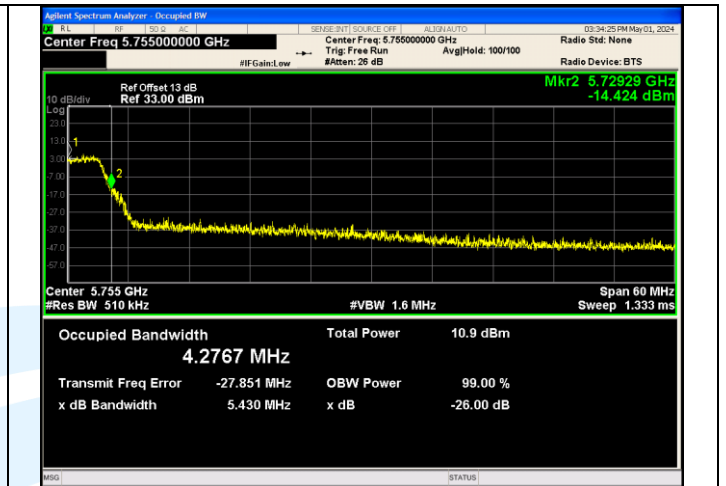
IEEE 802.11ax\_Channel 159\_40MHz\_Antenna 0\_RU&Index SU



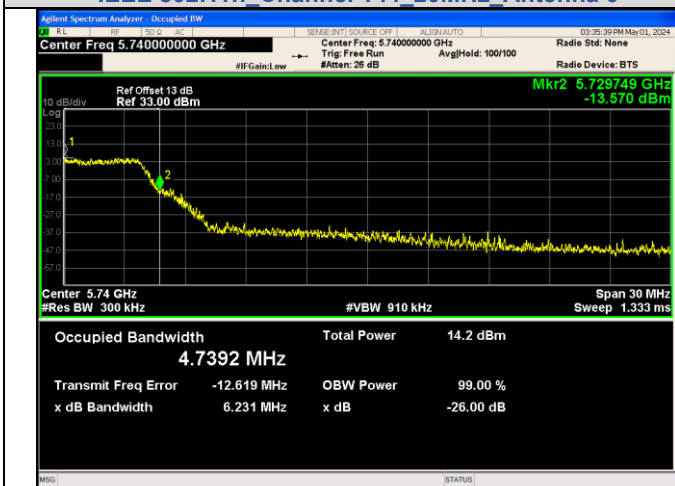
IEEE 802.11a\_Channel 144\_20MHz\_Antenna 0



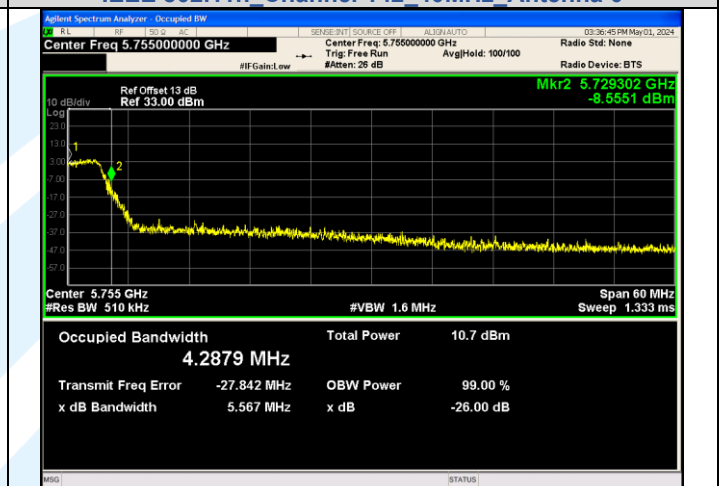
IEEE 802.11n Channel 144 20MHz Antenna 0



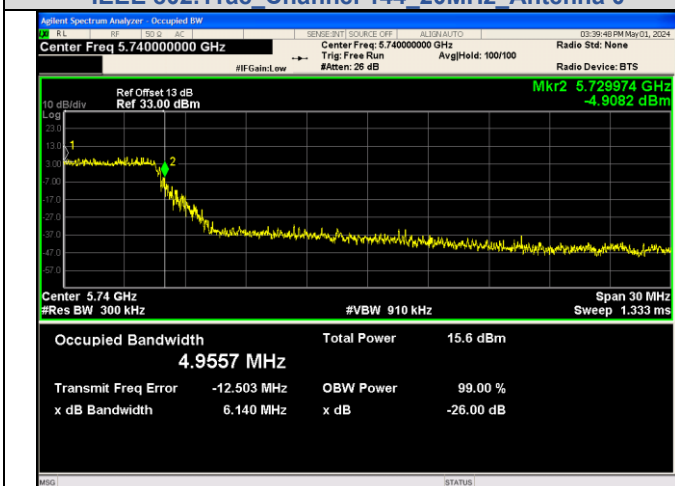
IEEE 802.11n Channel 142 40MHz Antenna 0



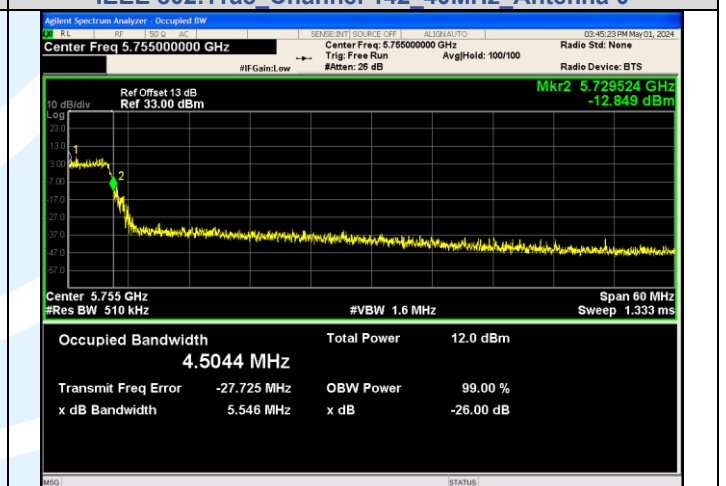
IEEE 802.11ac Channel 144 20MHz Antenna 0



IEEE 802.11ac Channel 142 40MHz Antenna 0



IEEE 802.11ax Channel 144 20MHz Antenna 0\_RU&Index SU



IEEE 802.11ax Channel 142 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	21.61	1.09
	44			5220	21.67	1.1
	48			5240	22.00	1.09
	52			5260	21.64	1.1
	60			5300	21.74	1.09
	64			5320	22.06	1.09
	100			5500	21.70	1.1
	116			5580	21.59	1.1
	140			5700	21.65	1.1
	144			5720	22.07	1.1
IEEE 802.11n_20	36	N/A	0	5180	21.93	1.09
	44			5220	21.79	1.11
	48			5240	22.15	1.08
	52			5260	21.75	1.1
	60			5300	21.91	1.1
	64			5320	22.02	1.11
	100			5500	21.94	1.11
	116			5580	21.67	1.11
	140			5700	22.28	1.09
	144			5720	21.77	1.1
IEEE 802.11n_40	38	N/A	0	5190	40.53	1.06
	46			5230	40.57	1.05
	54			5270	40.52	1.06
	62			5310	40.49	1.06
	102			5510	40.77	1.05
	110			5550	41.62	1.03
	134			5670	40.64	1.05
	142			5710	40.59	1.05
IEEE 802.11ac_20	36	N/A	0	5180	21.55	1.12
	44			5220	21.78	1.11
	48			5240	22.10	1.1
	52			5260	21.86	1.1
	60			5300	22.03	1.1
	64			5320	22.11	1.1
	100			5500	21.55	1.11
	116			5580	21.89	1.11
	140			5700	21.76	1.11
	144			5720	21.98	1.11
IEEE 802.11ac_40	38	N/A	0	5190	40.48	1.05
	46			5230	40.44	1.06
	54			5270	40.48	1.06
	62			5310	40.45	1.05
	102			5510	40.84	1.05
	110			5550	40.79	1.05
	134			5670	40.80	1.04
	142			5710	40.70	1.06
IEEE 802.11ax_20	36	SU	0	5180	21.82	1.11
	44			5220	22.45	1.09
	48			5240	22.05	1.11
	52			5260	22.27	1.09
	60			5300	22.25	1.1
	64			5320	22.26	1.11
	100			5500	22.30	1.1
	116			5580	22.25	1.1
	140			5700	22.02	1.11
	144			5720	22.13	1.11
IEEE	38			5190	40.76	1.05

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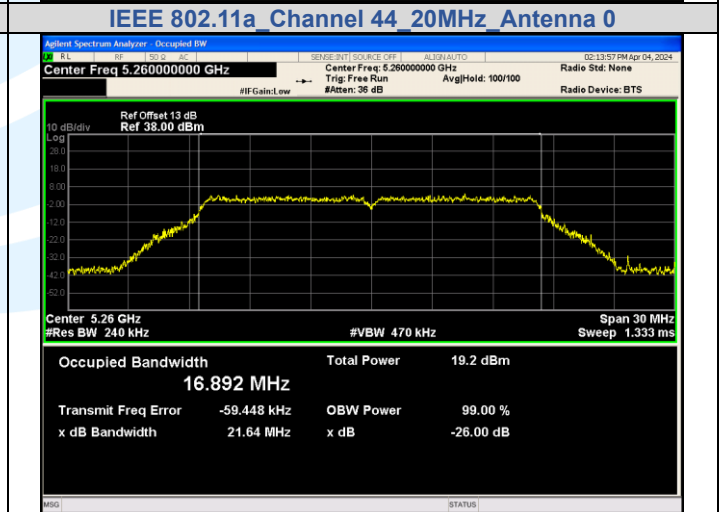
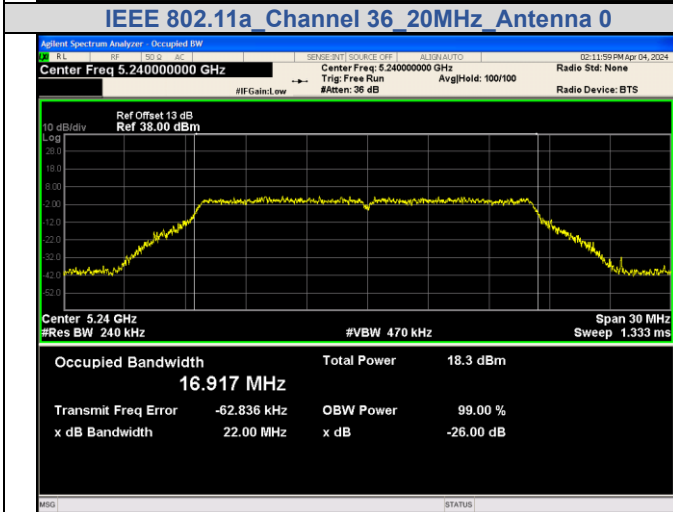
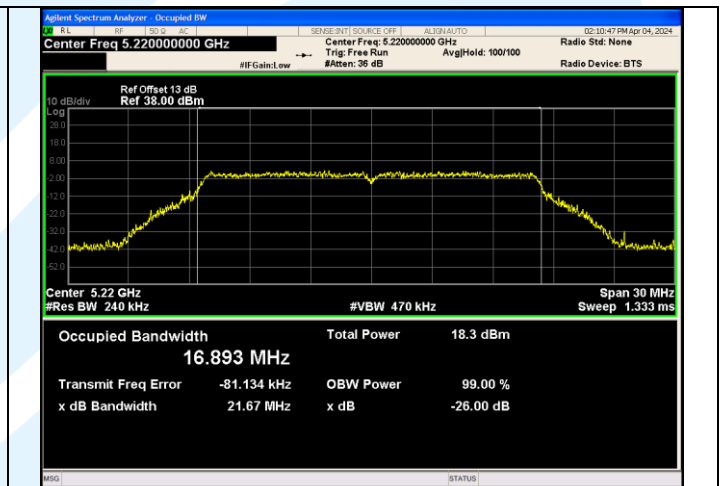
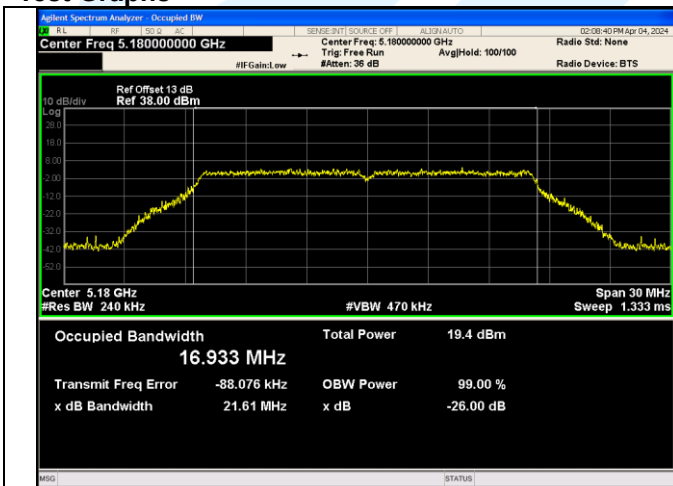
UTTR-RF-RSS247-V1.1



802.11ax_40	46			5230	40.89	1.05
	54			5270	40.99	1.04
	62			5310	40.81	1.05
	102			5510	40.94	1.05
	110			5550	41.01	1.06
	134			5670	40.86	1.05
	142			5710	40.86	1.05

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW	
IEEE 802.11a	144	N/A	0	5720	15.62	1.13	
IEEE 802.11n_20				5720	15.80	1.14	
IEEE 802.11n_40	142			5710	35.22	1.06	
IEEE 802.11ac_20	144			5720	15.66	1.13	
IEEE 802.11ac_40	142			5710	35.00	1.07	
IEEE 802.11ax_20	144			SU	5720	16.04	1.13
IEEE 802.11ax_40	142				5710	35.63	1.05

### Test Graphs



### Shenzhen UnionTrust Quality and Technology Co., Ltd.

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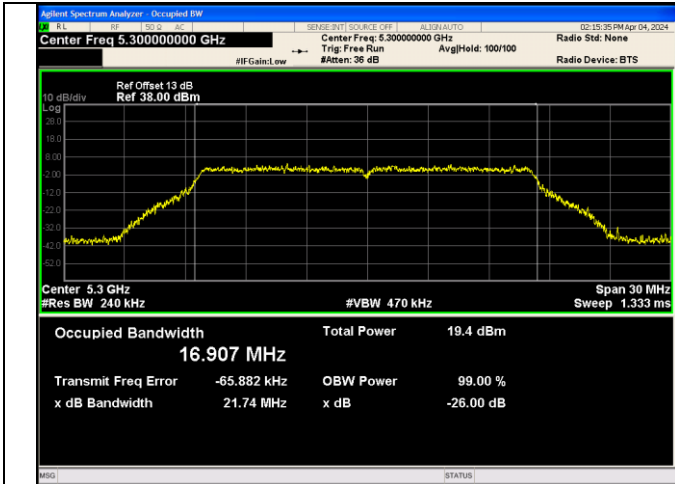
Fax: +86-755-28230886

E-mail: info@uttlab.com

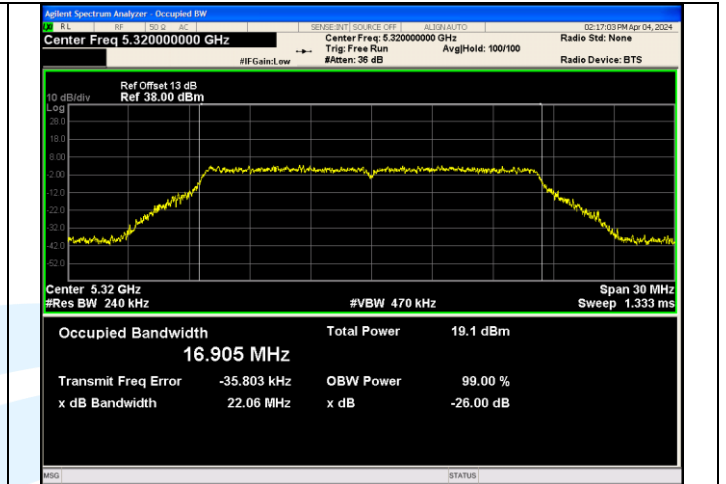
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UTTR-RF-RSS247-V1.1

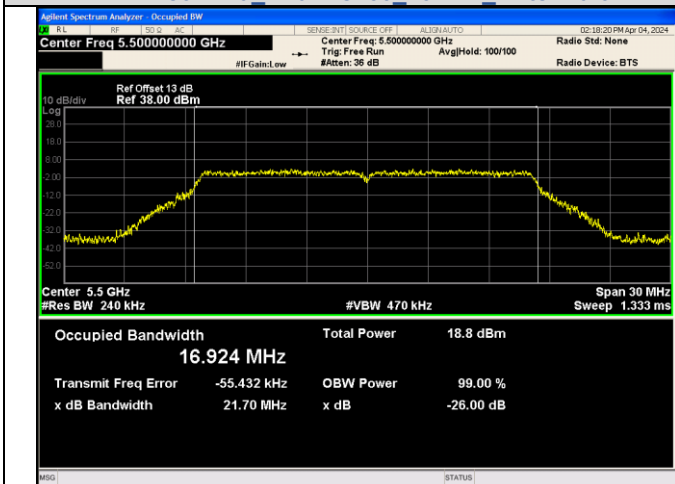




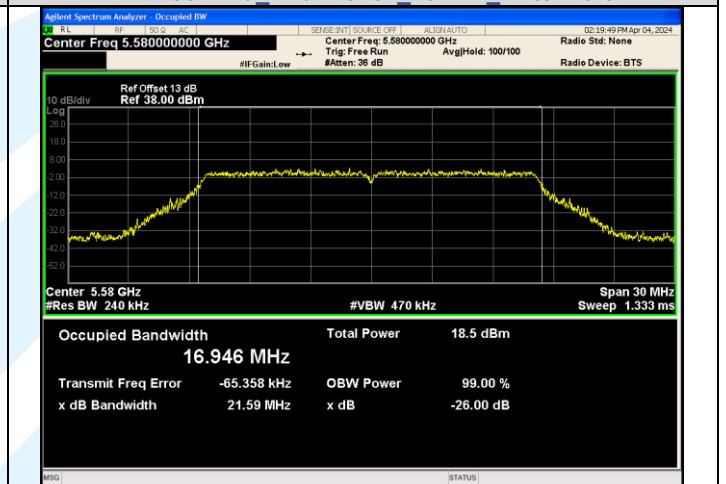
IEEE 802.11a Channel 60 20MHz Antenna 0



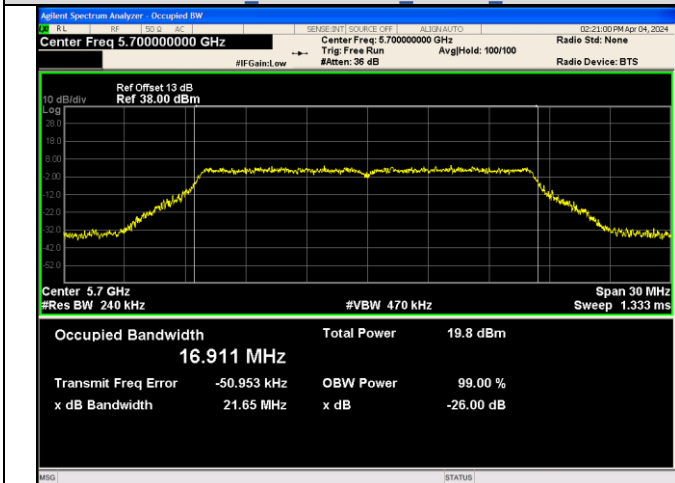
IEEE 802.11a Channel 64 20MHz Antenna 0



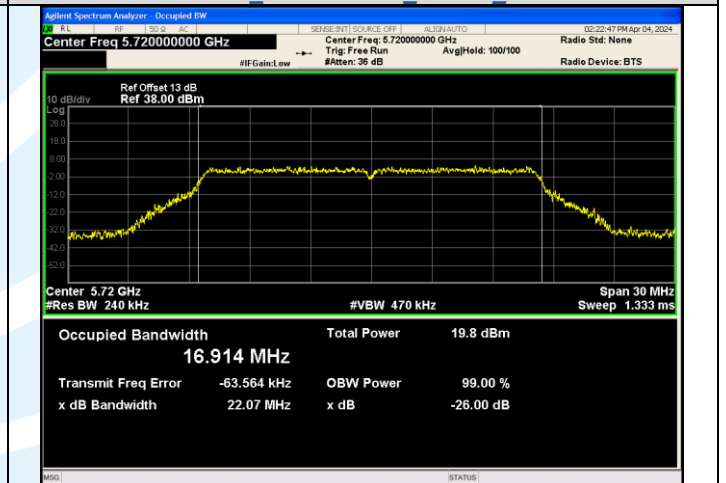
IEEE 802.11a Channel 100 20MHz Antenna 0



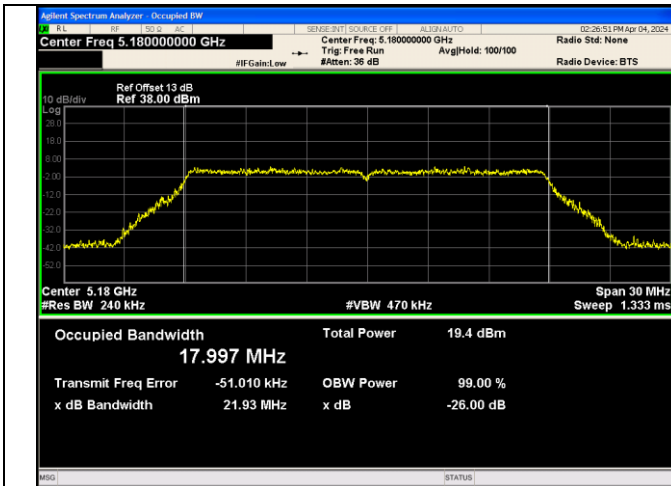
IEEE 802.11a Channel 116 20MHz Antenna 0



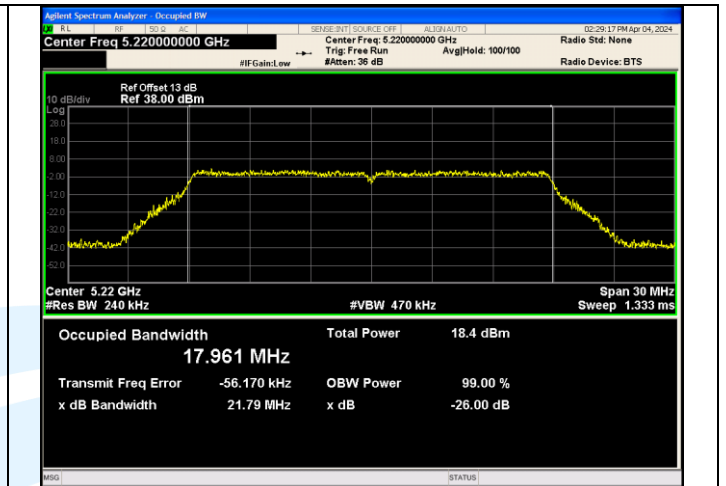
IEEE 802.11a Channel 140 20MHz Antenna 0



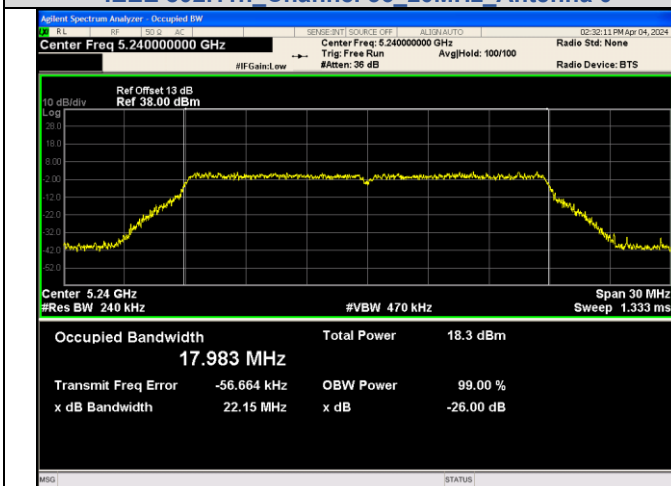
IEEE 802.11a Channel 144 20MHz Antenna 0



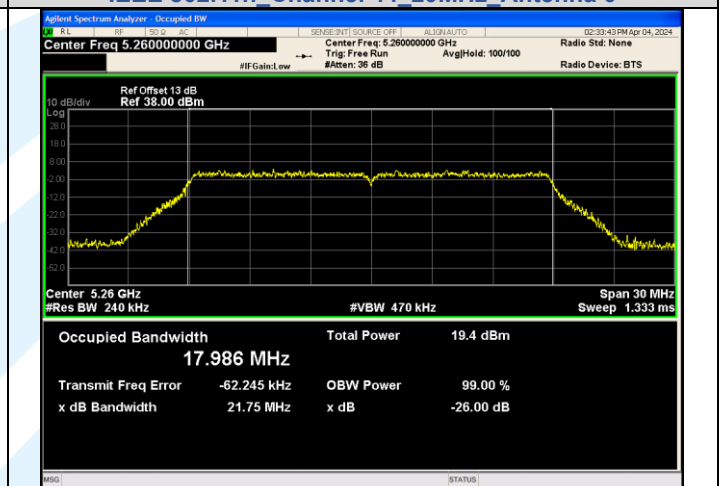
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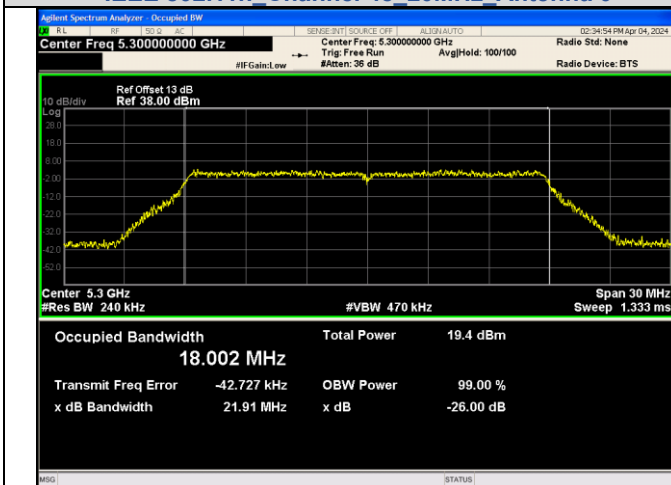
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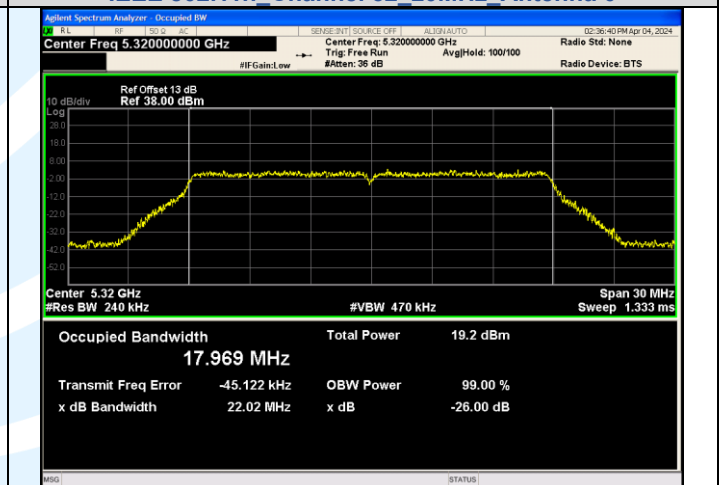
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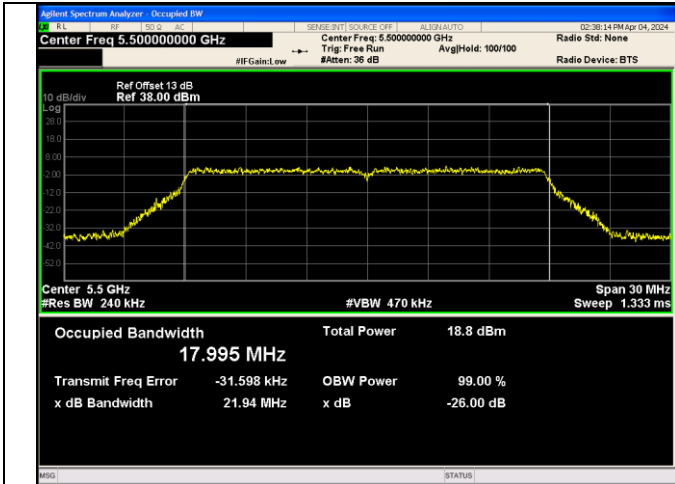
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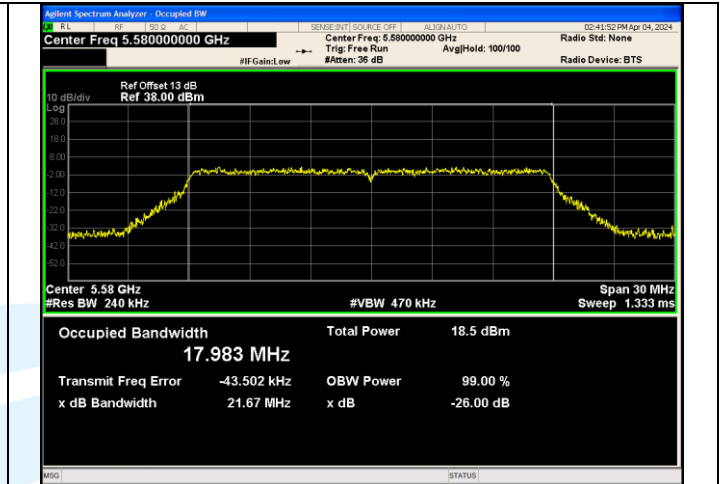
IEEE 802.11n Channel 60 20MHz Antenna 0



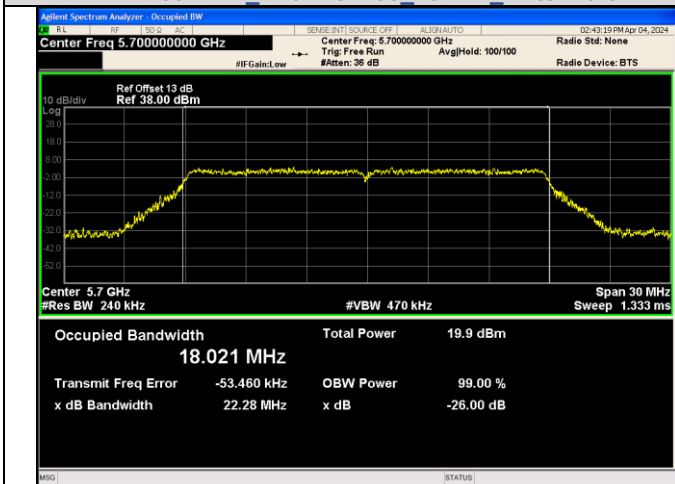
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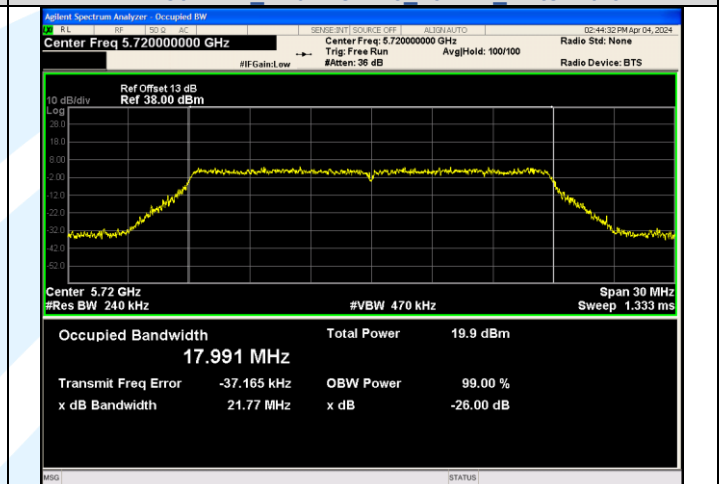
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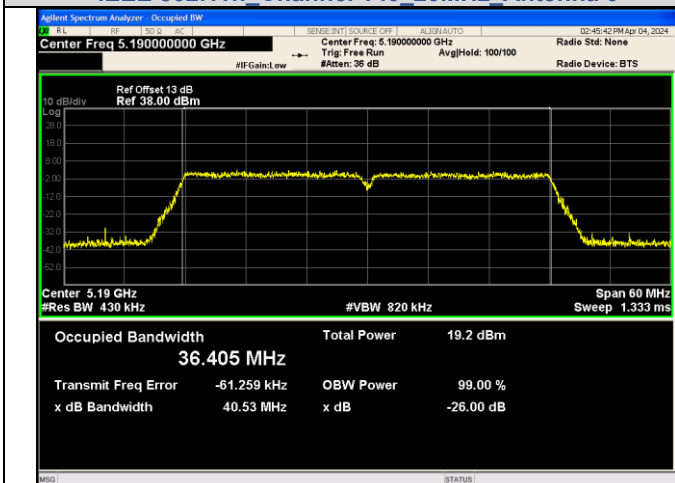
IEEE 802.11n Channel 116\_20MHz\_Antenna 0



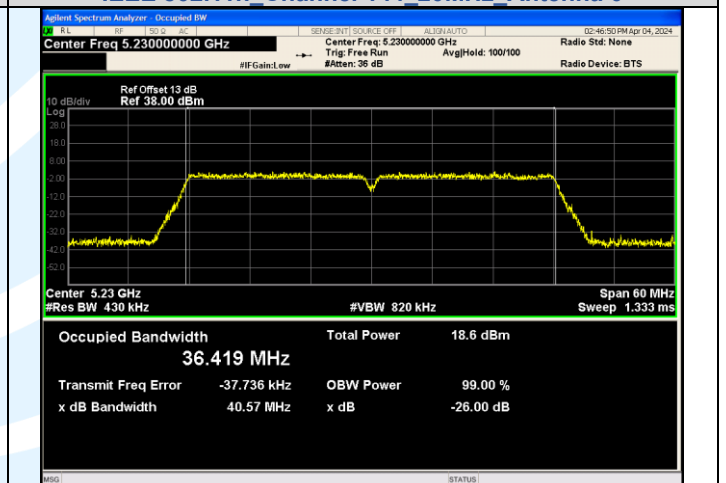
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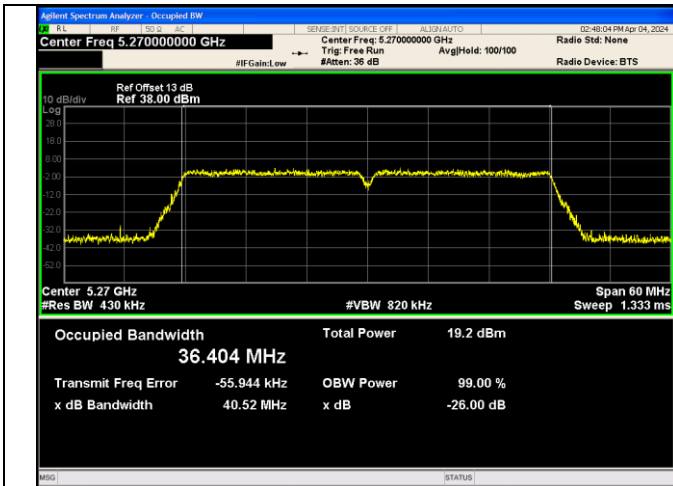
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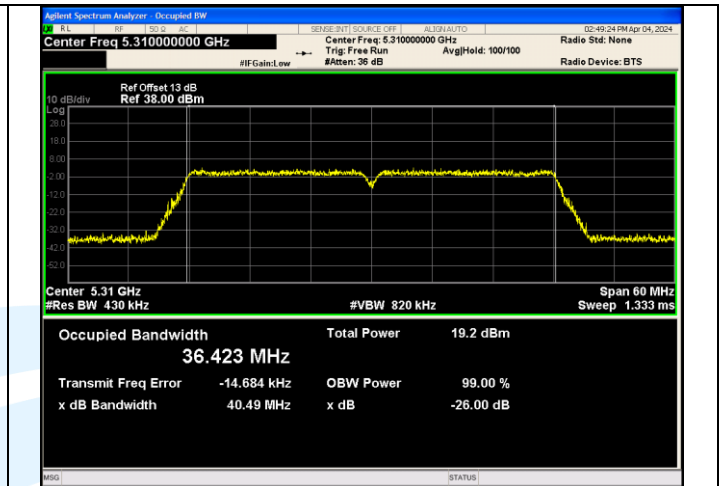
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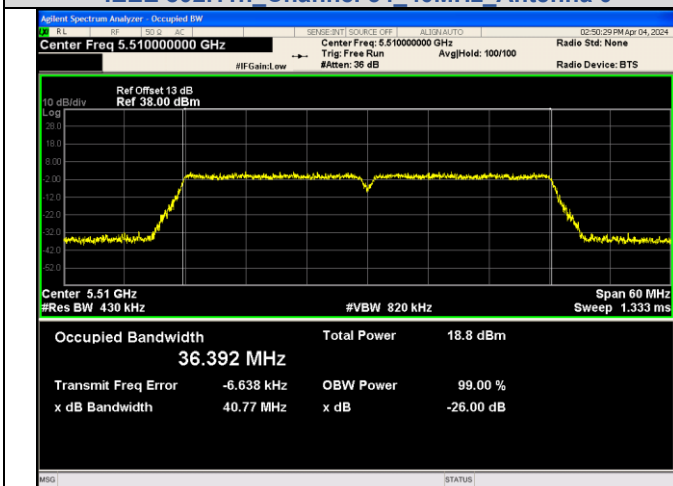
IEEE 802.11n Channel 46\_40MHz\_Antenna 0



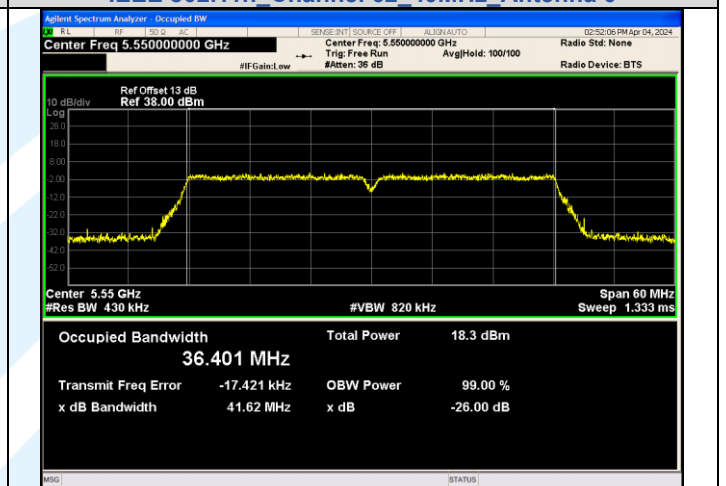
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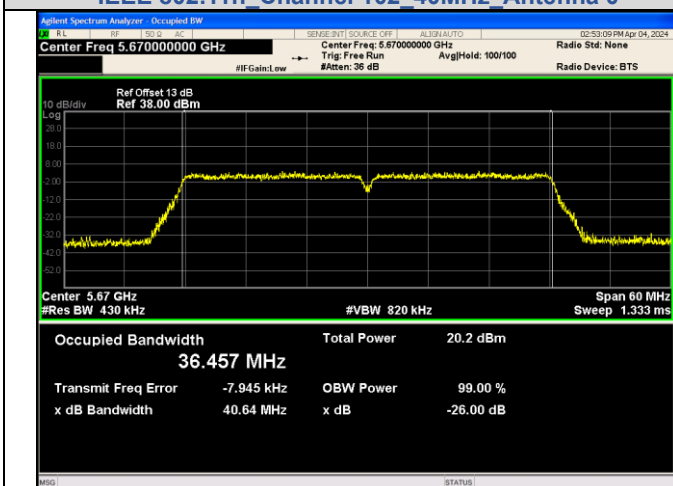
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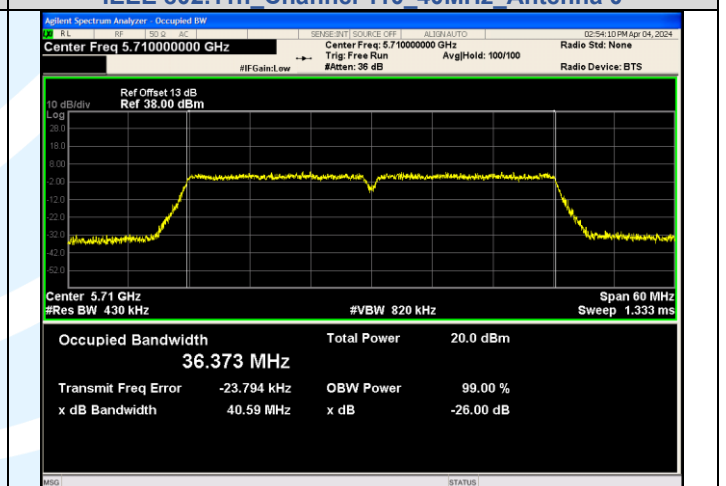
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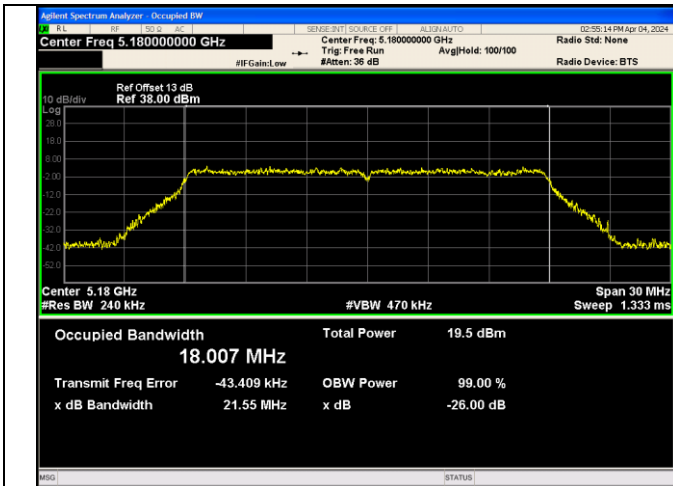
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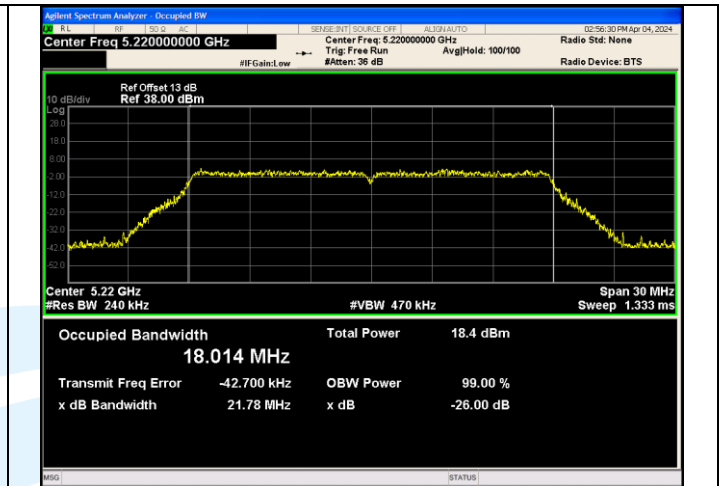
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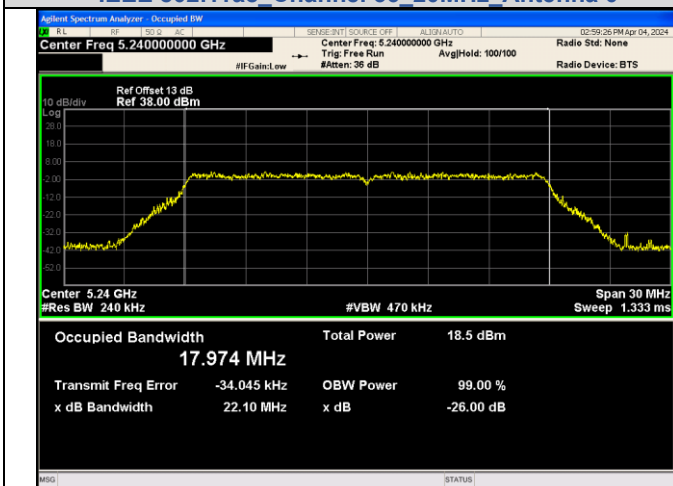
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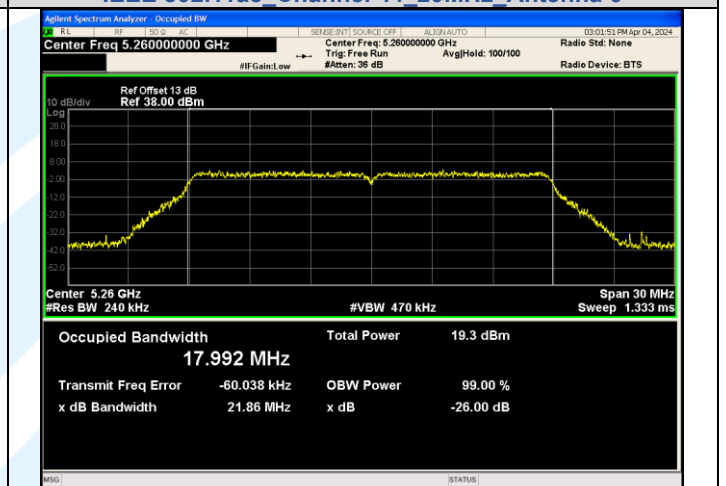
IEEE 802.11ac Channel 36 20MHz Antenna 0



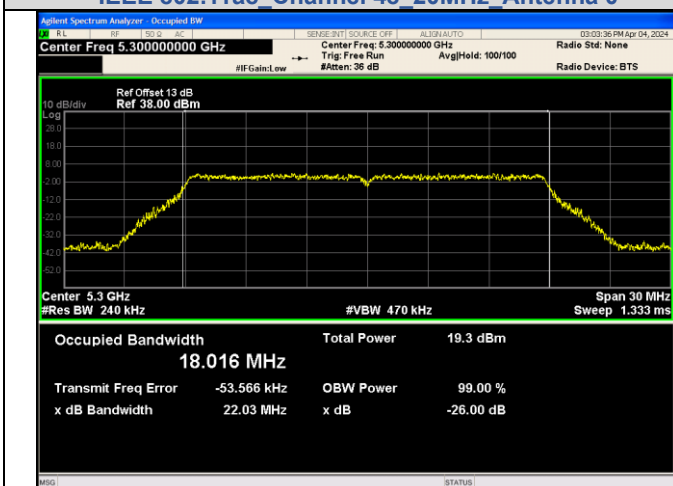
IEEE 802.11ac Channel 44 20MHz Antenna 0



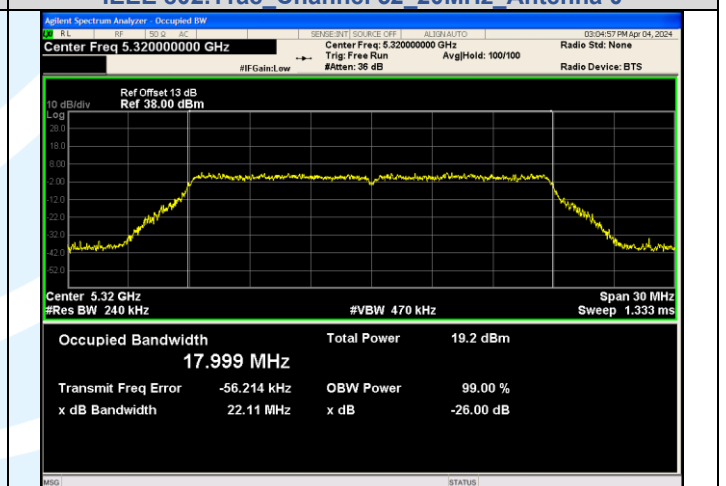
IEEE 802.11ac Channel 48 20MHz Antenna 0



IEEE 802.11ac Channel 52 20MHz Antenna 0



IEEE 802.11ac Channel 60 20MHz Antenna 0



IEEE 802.11ac Channel 64 20MHz Antenna 0