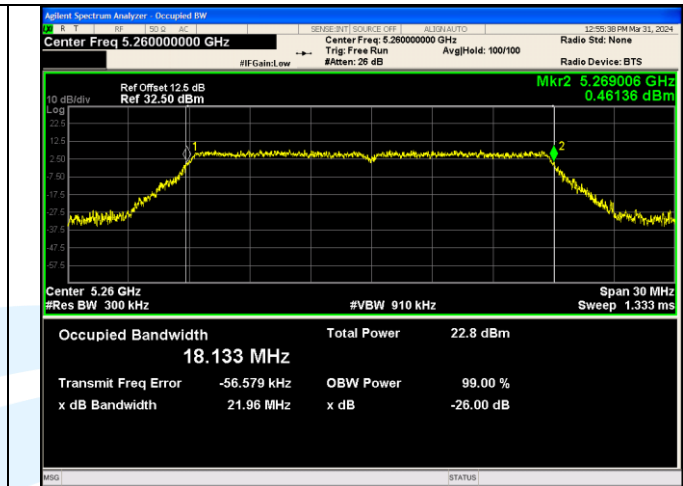
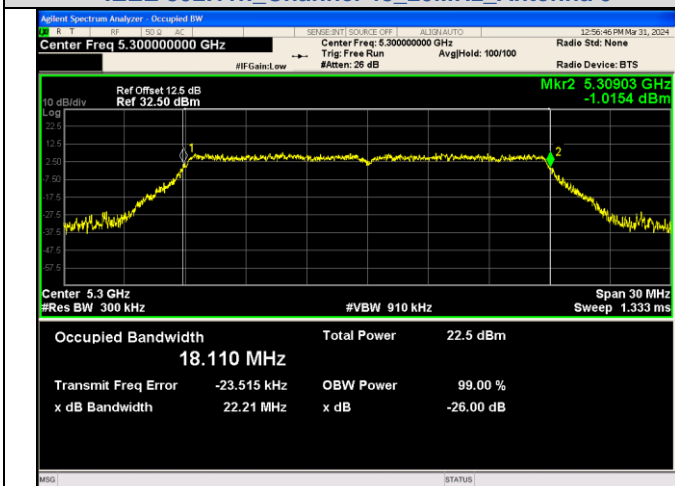


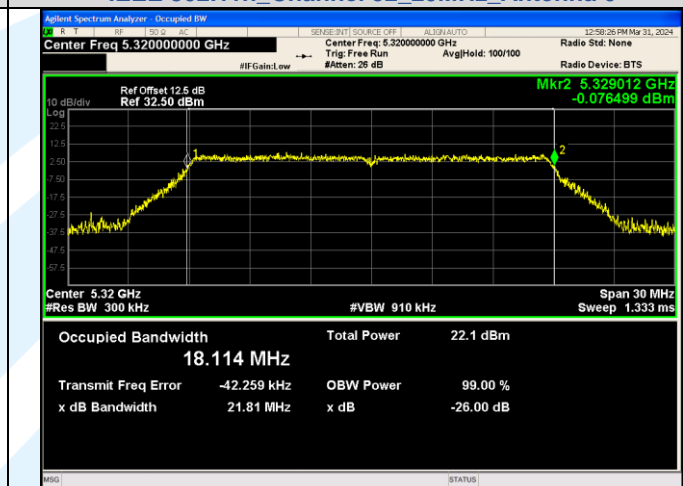
IEEE 802.11n\_Channel 48\_20MHz\_Antenna 0



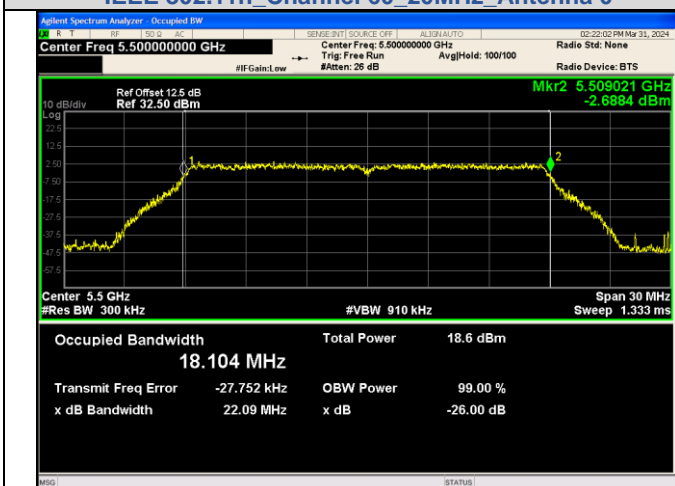
IEEE 802.11n\_Channel 52\_20MHz\_Antenna 0



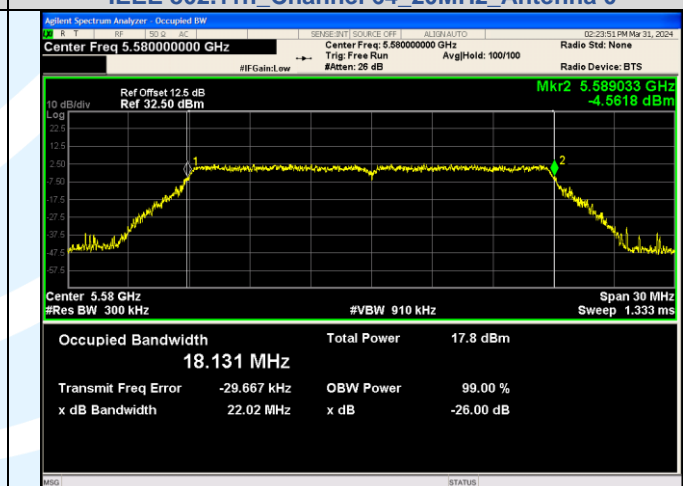
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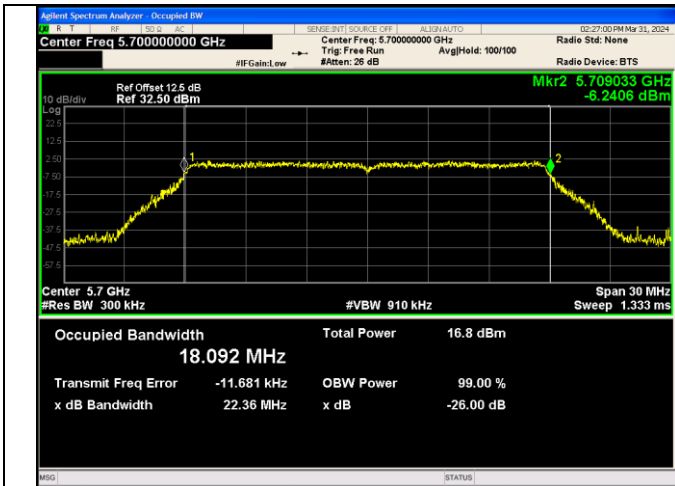
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IEEE 802.11n\_Channel 100\_20MHz\_Antenna 0

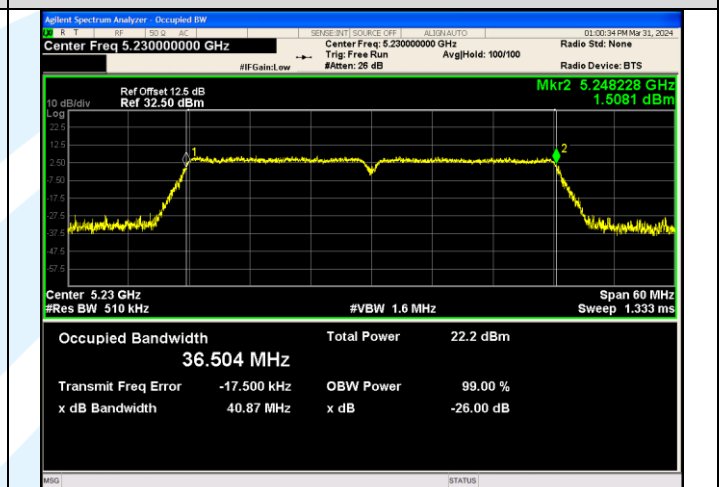
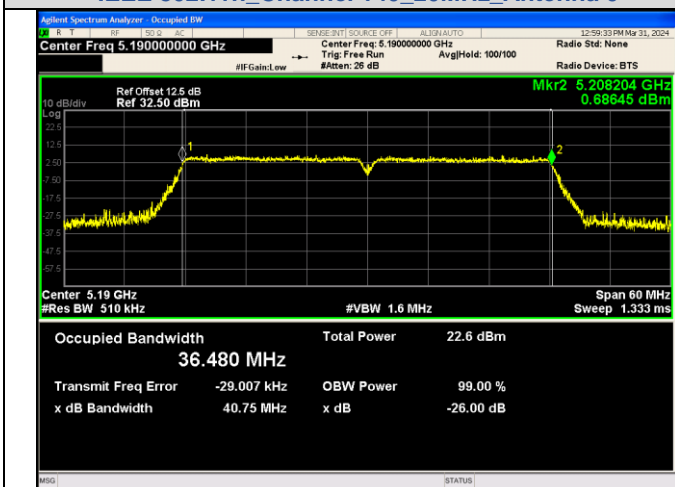


IEEE 802.11n\_Channel 116\_20MHz\_Antenna 0



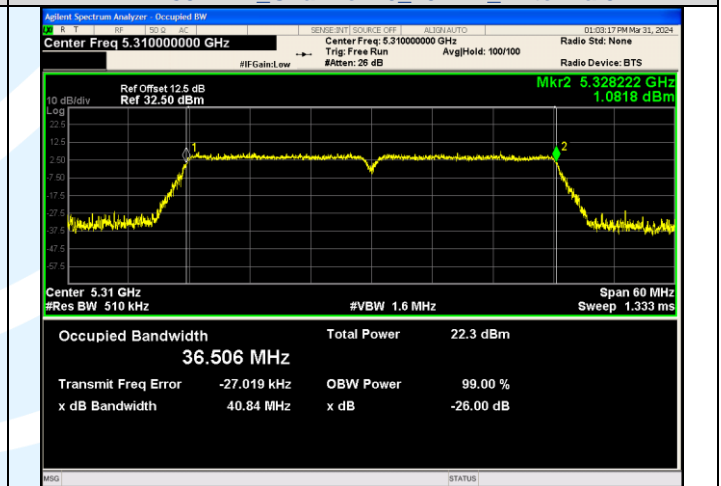
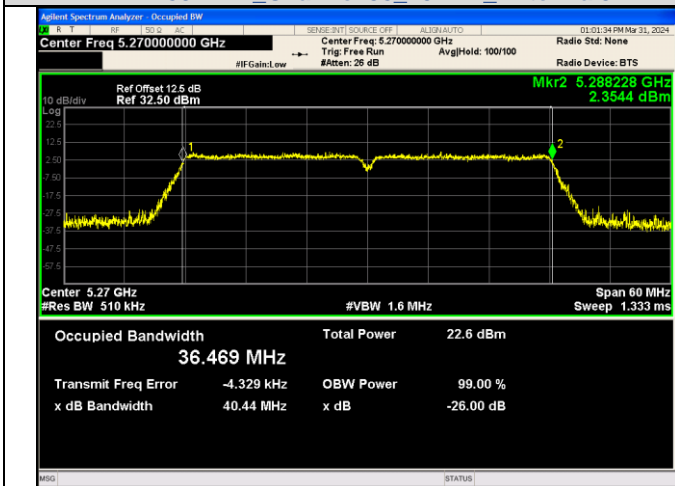
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IEEE 802.11n\_Channel 140\_20MHz\_Antenna 0



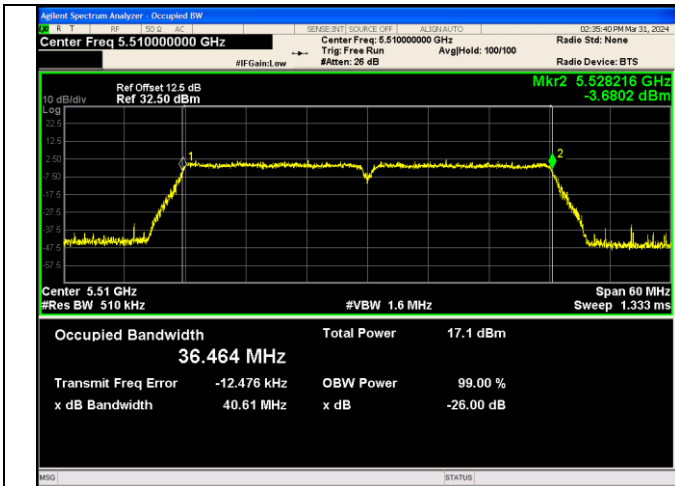
IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0

IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0

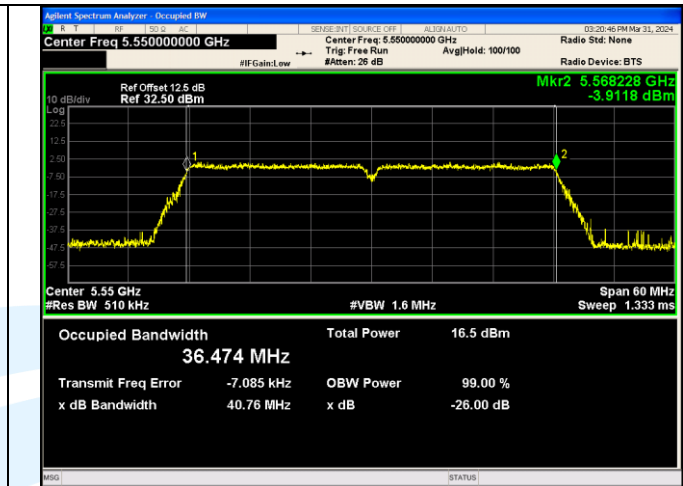


IEEE 802.11n\_Channel 54\_40MHz\_Antenna 0

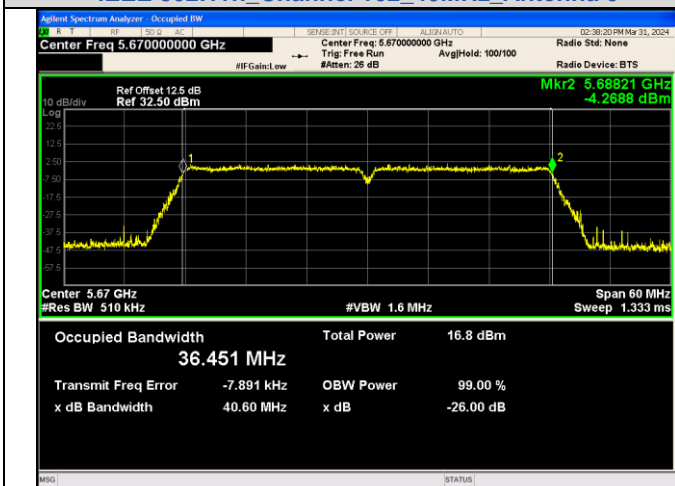
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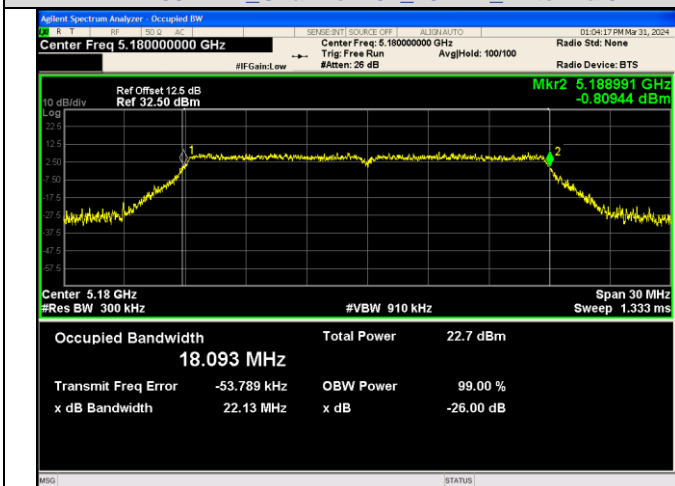
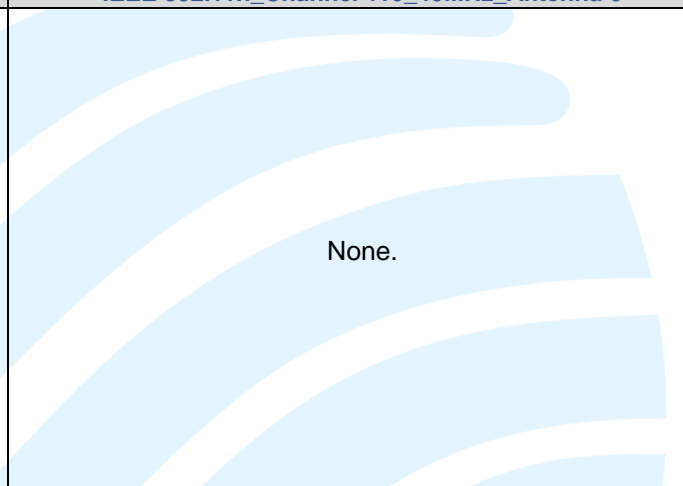
IEEE 802.11n\_Channel 102\_40MHz\_Antenna 0



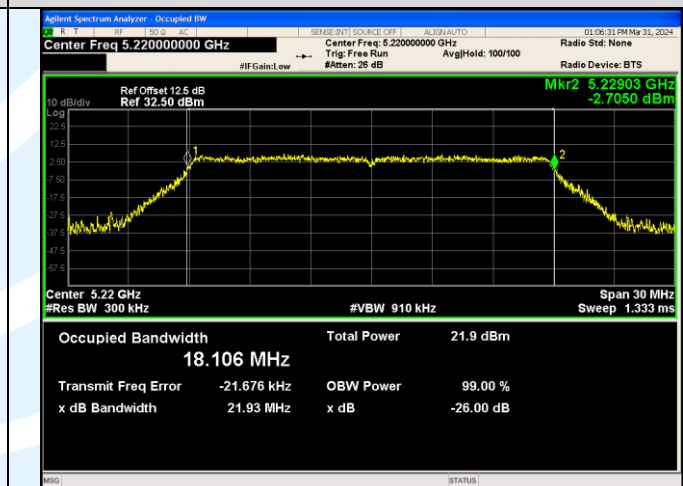
IEEE 802.11n\_Channel 110\_40MHz\_Antenna 0



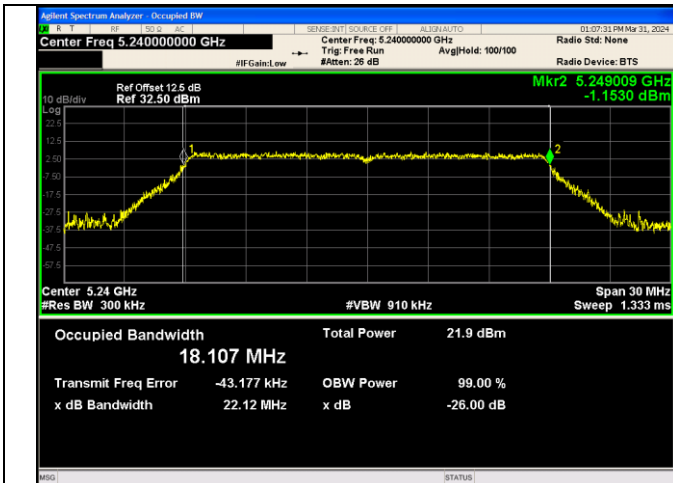
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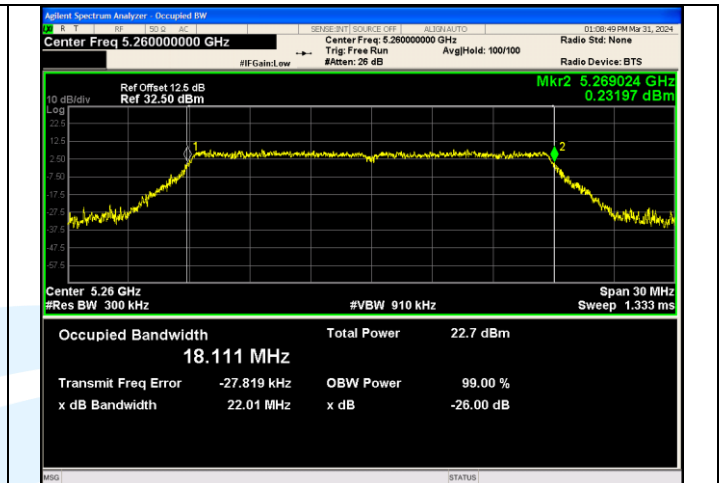
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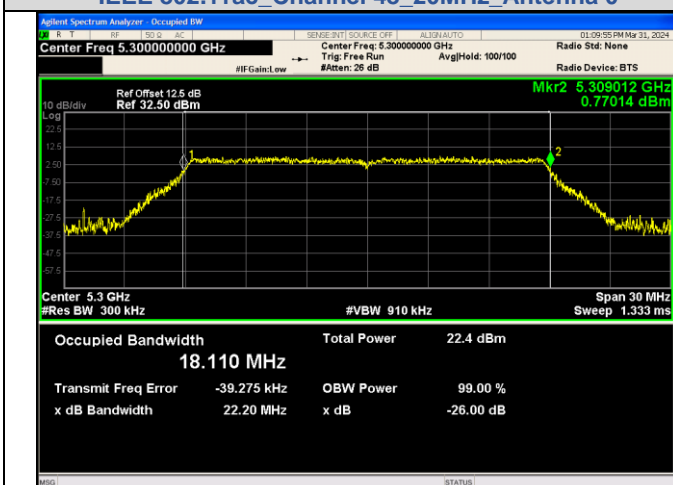
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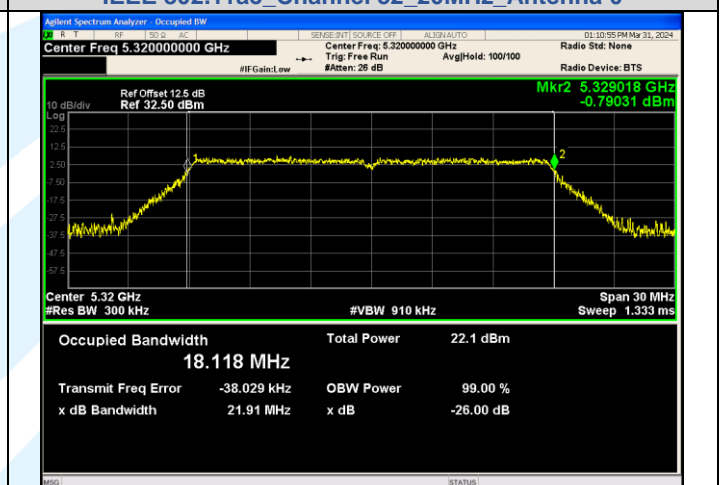
IEEE 802.11ac\_Channel 48\_20MHz\_Antenna 0



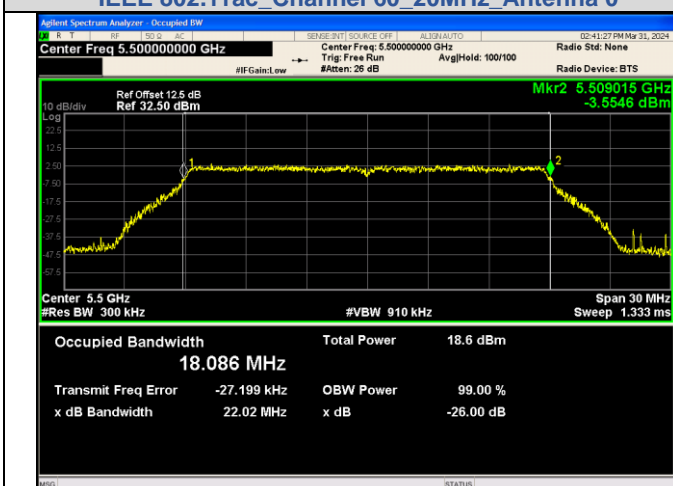
IEEE 802.11ac\_Channel 52\_20MHz\_Antenna 0



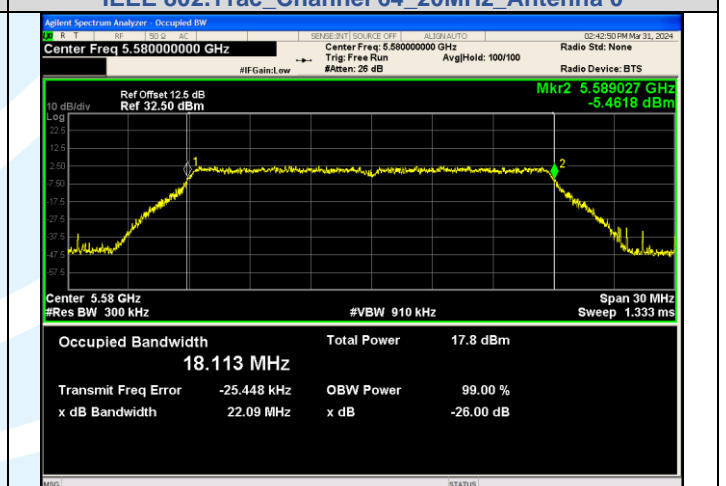
IEEE 802.11ac\_Channel 60\_20MHz\_Antenna 0



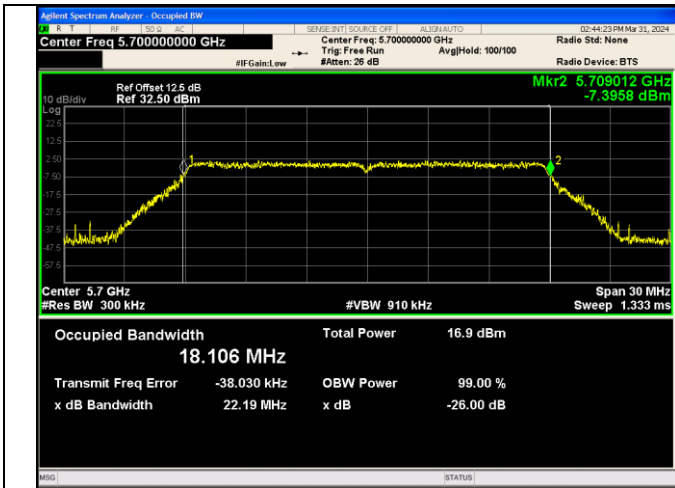
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IEEE 802.11ac\_Channel 100\_20MHz\_Antenna 0

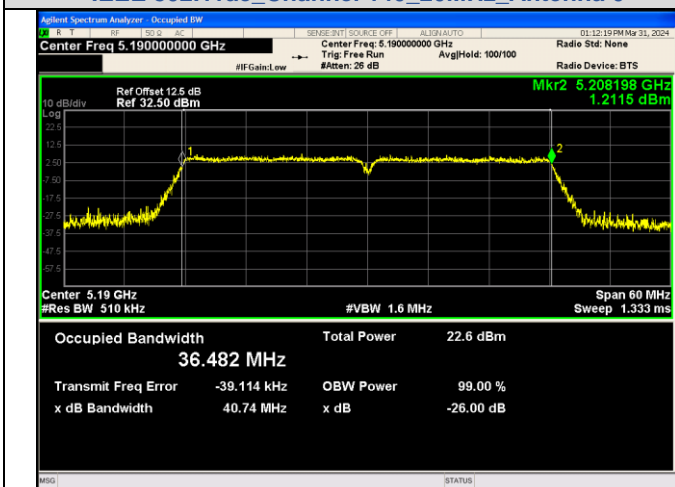


IEEE 802.11ac\_Channel 116\_20MHz\_Antenna 0

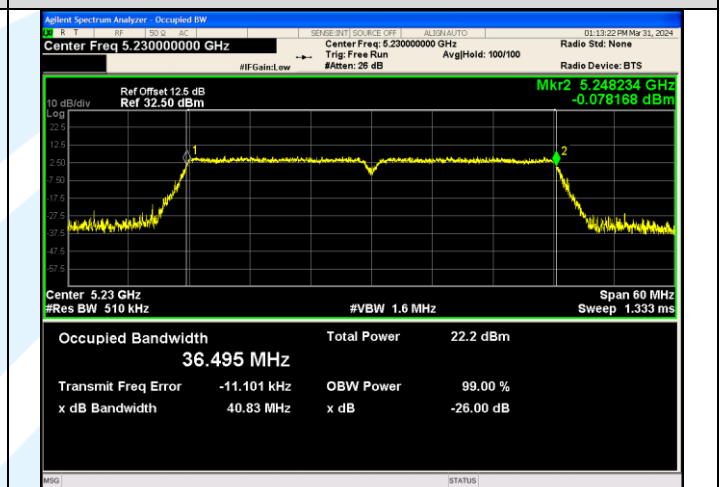


IEEE 802.11ac Channel 140 20MHz Antenna 0

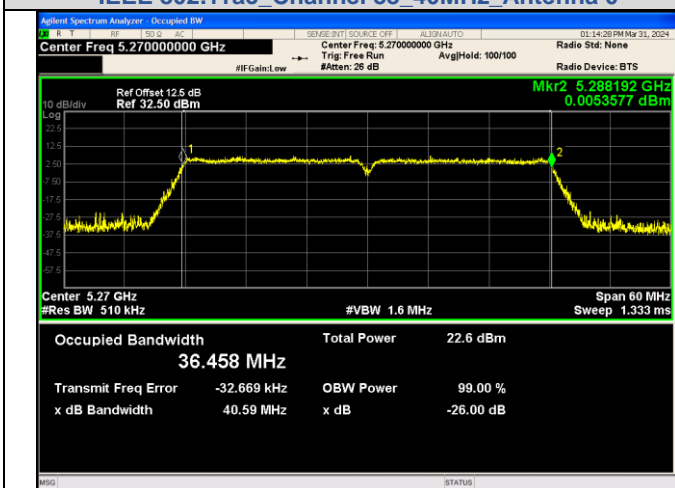
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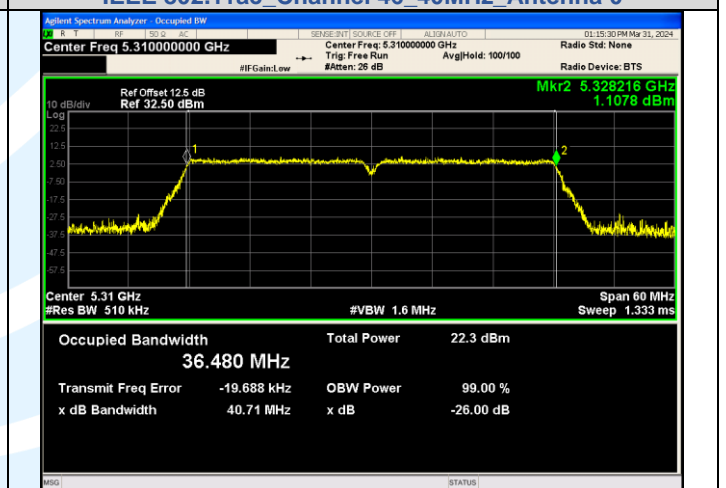
IEEE 802.11ac Channel 38 40MHz Antenna 0



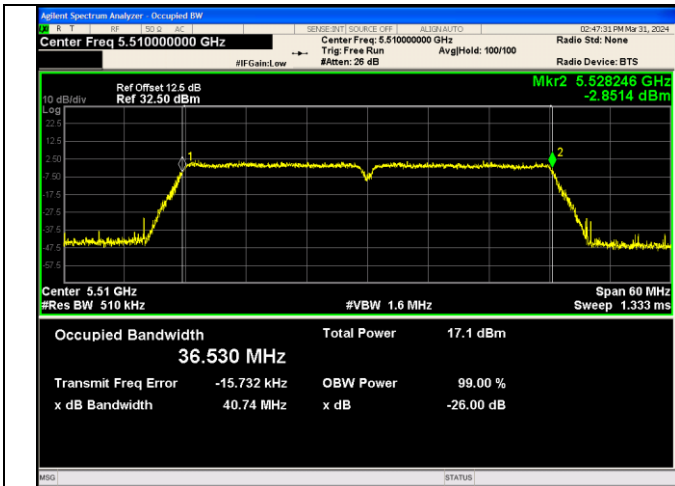
IEEE 802.11ac Channel 46 40MHz Antenna 0



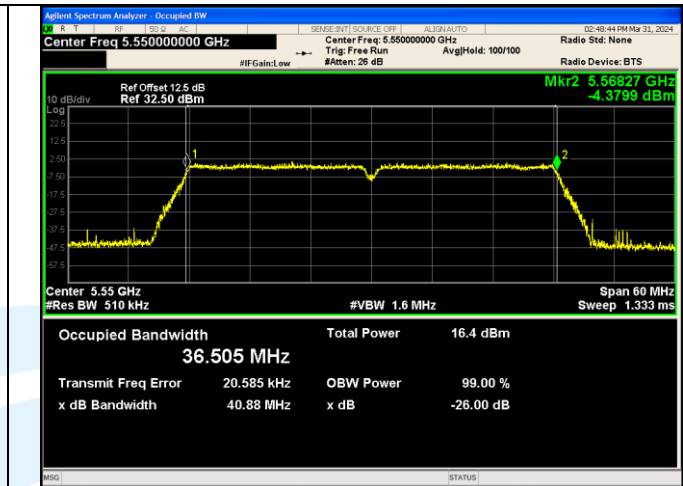
IEEE 802.11ac Channel 54 40MHz Antenna 0



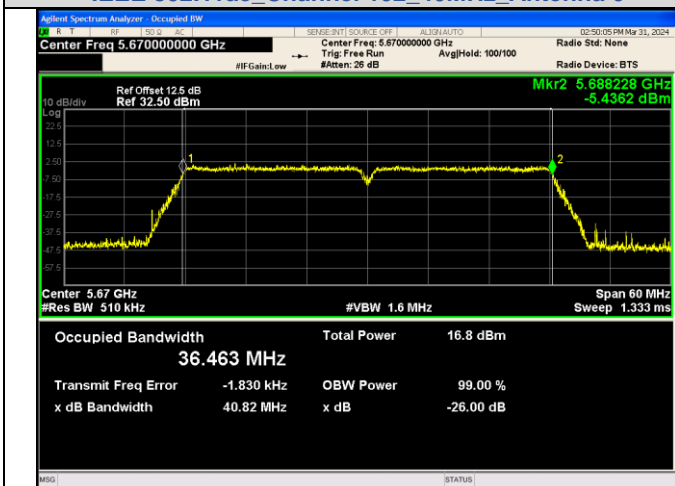
IEEE 802.11ac Channel 62 40MHz Antenna 0



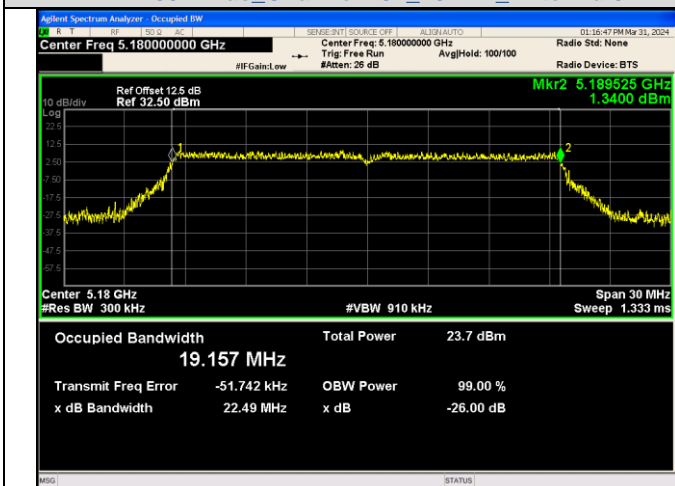
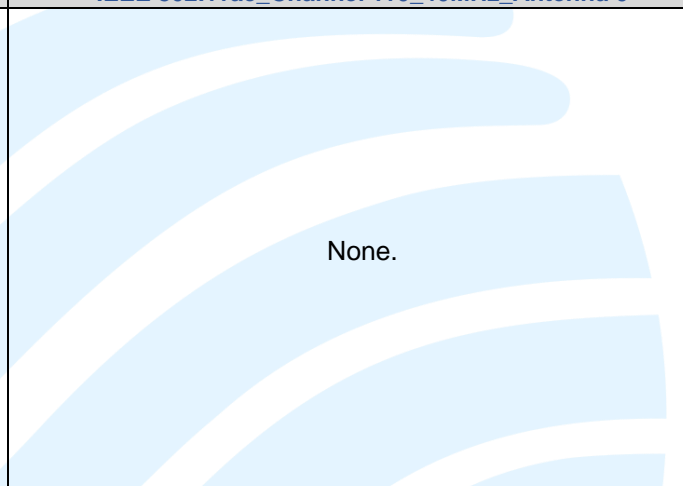
IEEE 802.11ac\_Channel 102\_40MHz\_Antenna 0



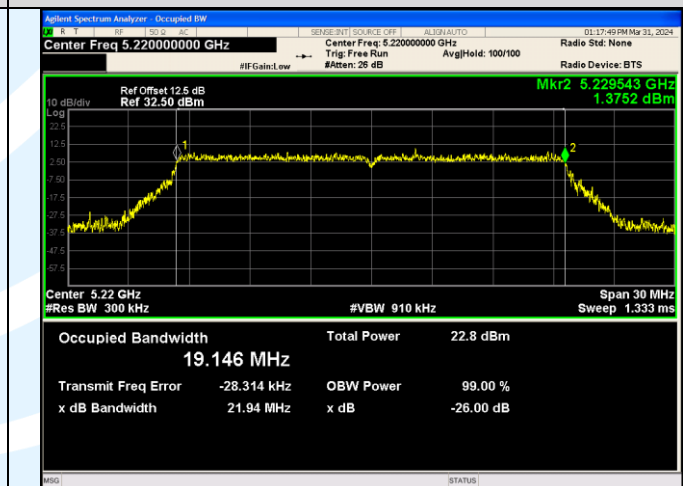
IEEE 802.11ac\_Channel 110\_40MHz\_Antenna 0



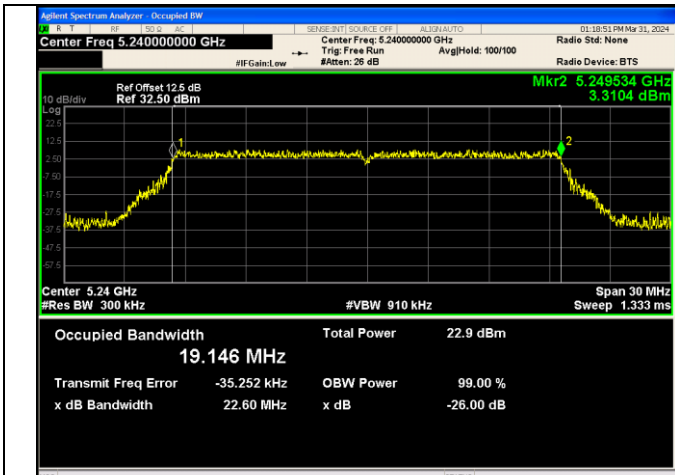
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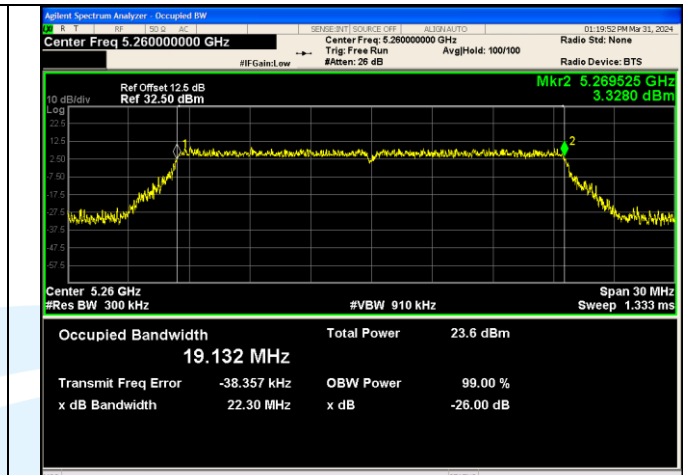
IEEE 802.11ax\_Channel 36\_20MHz\_Antenna 0\_RU&Index SU



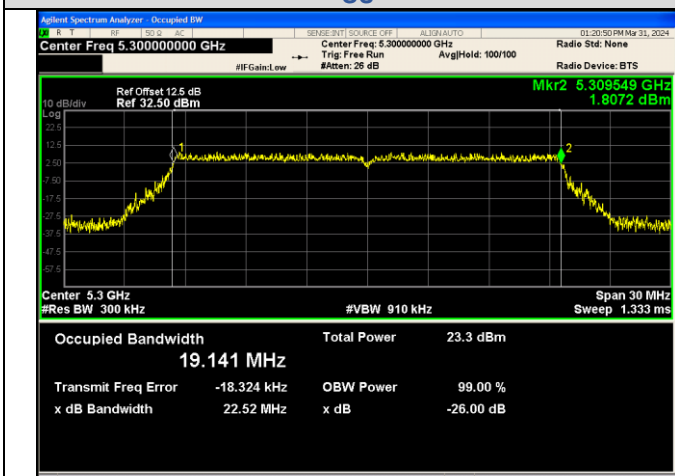
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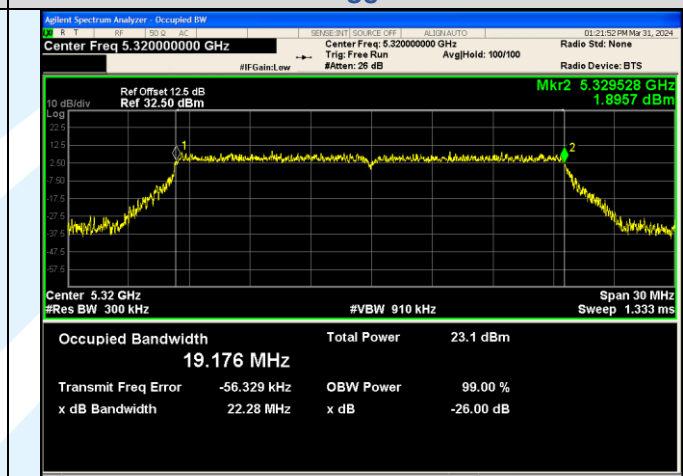
IEEE 802.11ax\_Channel 48\_20MHz\_Antenna 0\_RU&Index SU



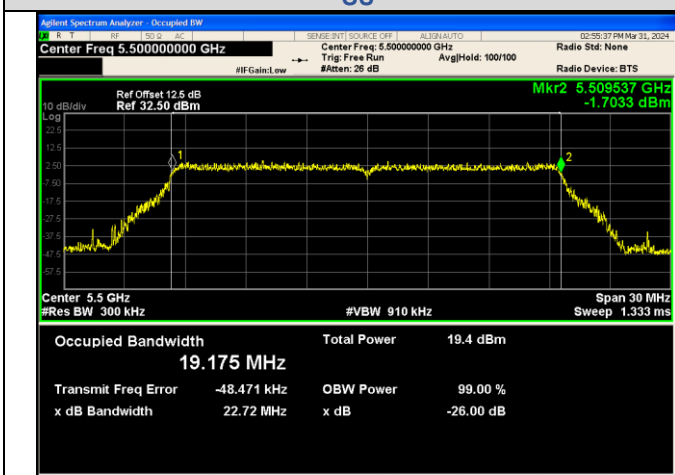
IEEE 802.11ax\_Channel 52\_20MHz\_Antenna 0\_RU&Index SU



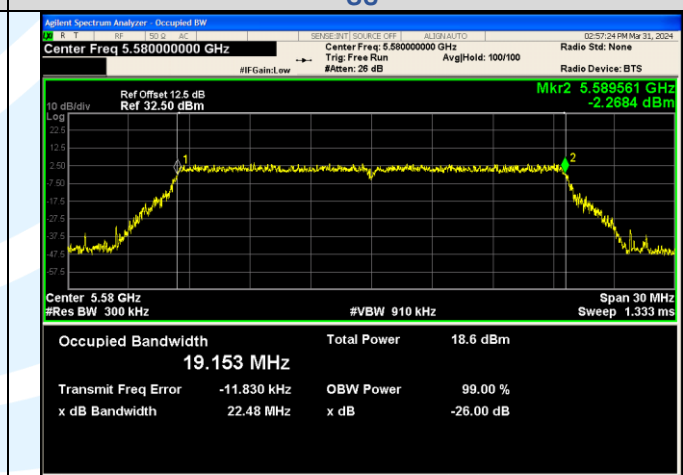
IEEE 802.11ax\_Channel 60\_20MHz\_Antenna 0\_RU&Index SU



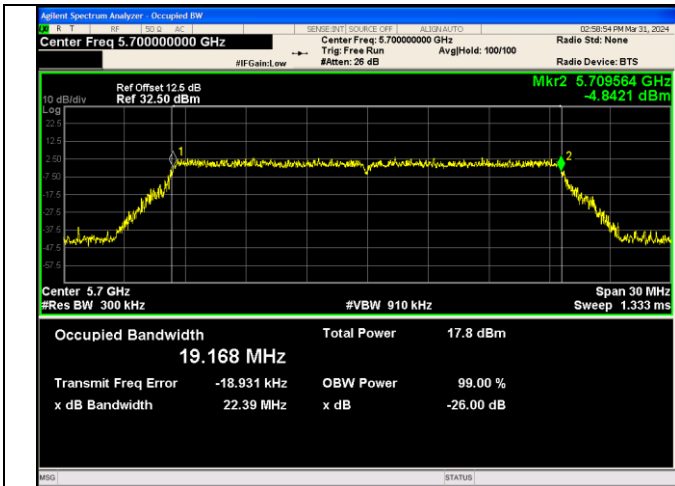
IEEE 802.11ax\_Channel 64\_20MHz\_Antenna 0\_RU&Index SU



IEEE 802.11ax\_Channel 100\_20MHz\_Antenna 0\_RU&Index SU

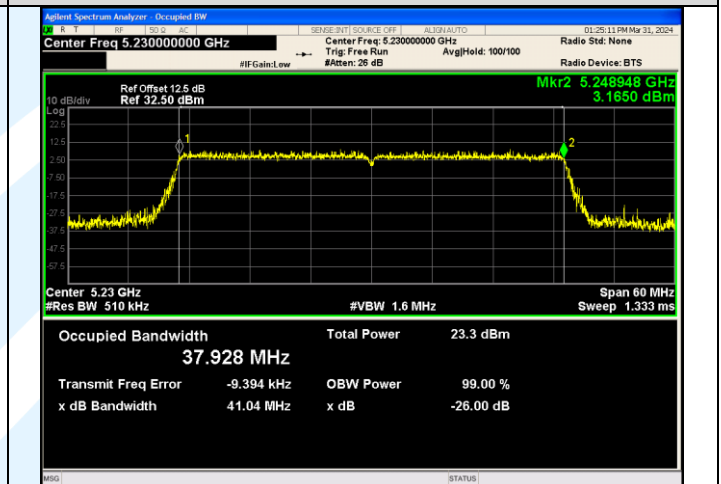
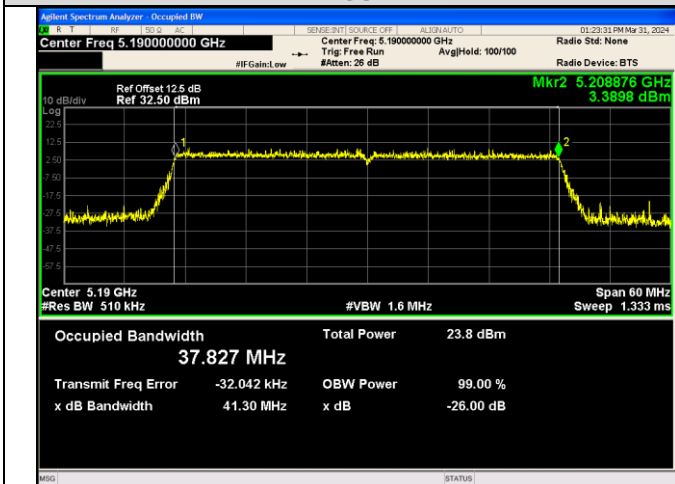


IEEE 802.11ax\_Channel 116\_20MHz\_Antenna 0\_RU&Index SU



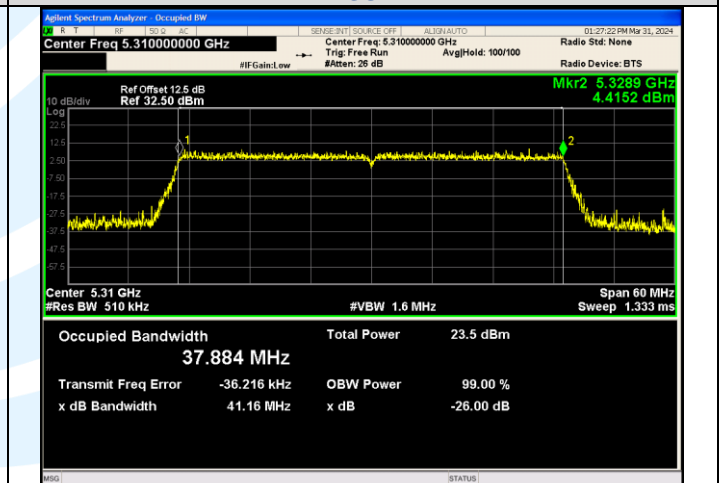
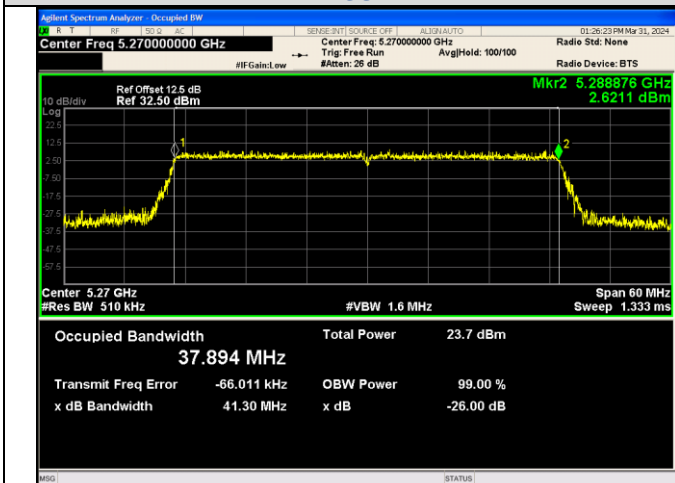
None.

IEEE 802.11ax\_Channel 140\_20MHz\_Antenna 0\_RU&Index SU



IEEE 802.11ax\_Channel 38\_40MHz\_Antenna 0\_RU&Index SU

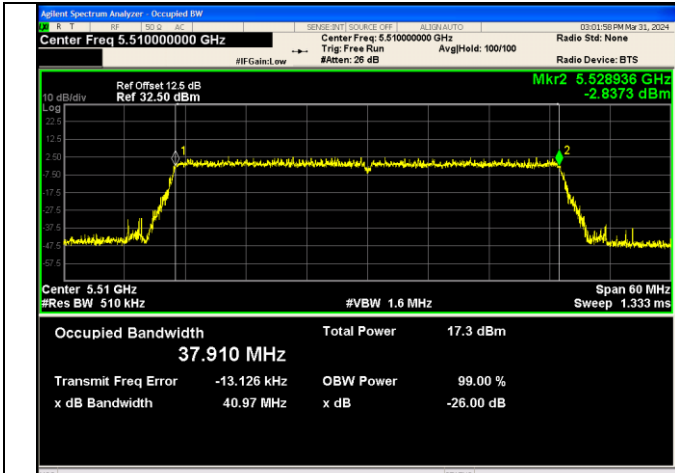
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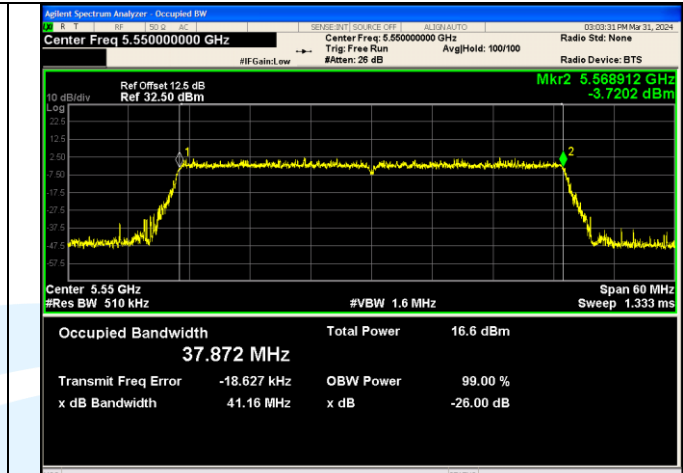
IEEE 802.11ax\_Channel 54\_40MHz\_Antenna 0\_RU&Index SU

IEEE 802.11ax\_Channel 62\_40MHz\_Antenna 0\_RU&Index SU

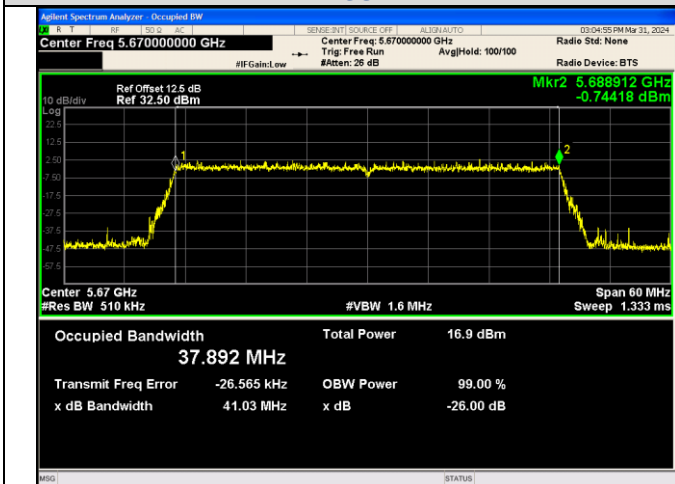




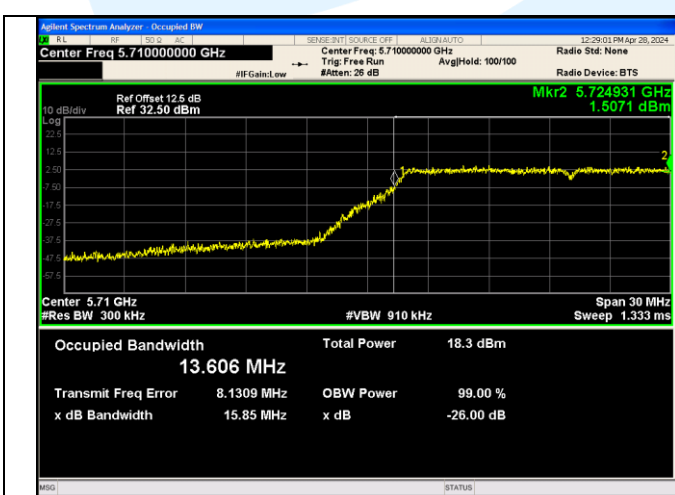
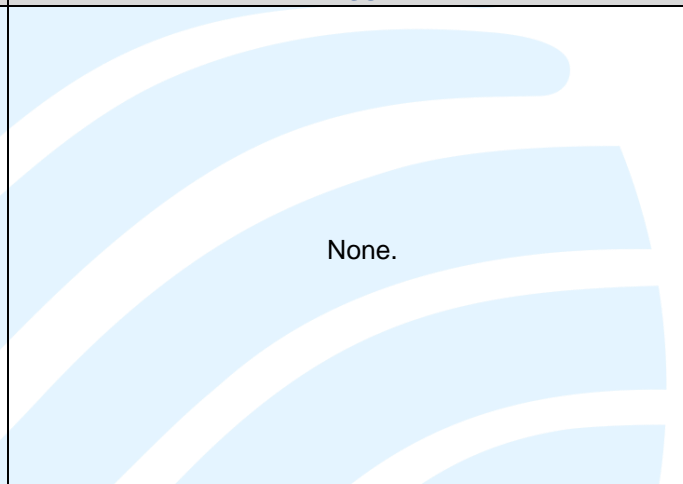
IEEE 802.11ax\_Channel 102\_40MHz\_Antenna 0\_RU&Index SU



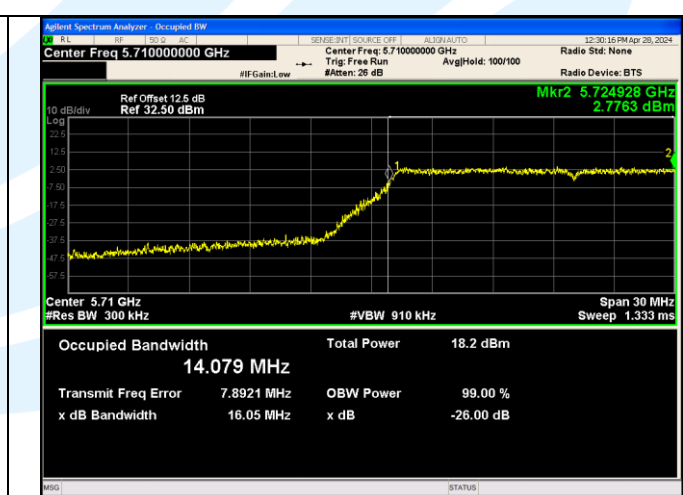
IEEE 802.11ax\_Channel 110\_40MHz\_Antenna 0\_RU&Index SU



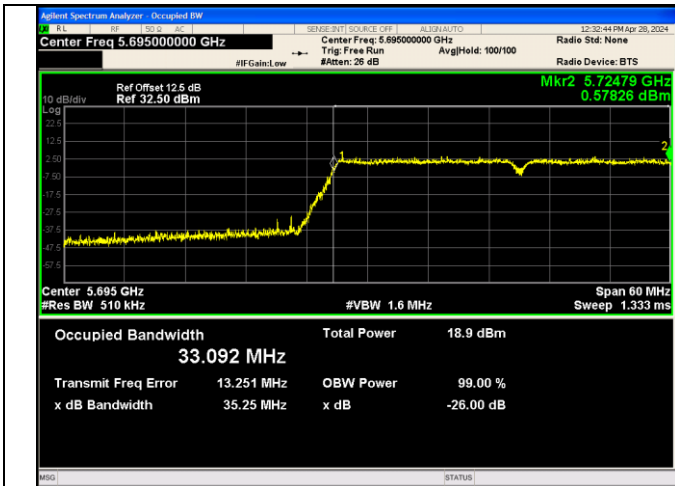
IEEE 802.11ax\_Channel 134\_40MHz\_Antenna 0\_RU&Index SU



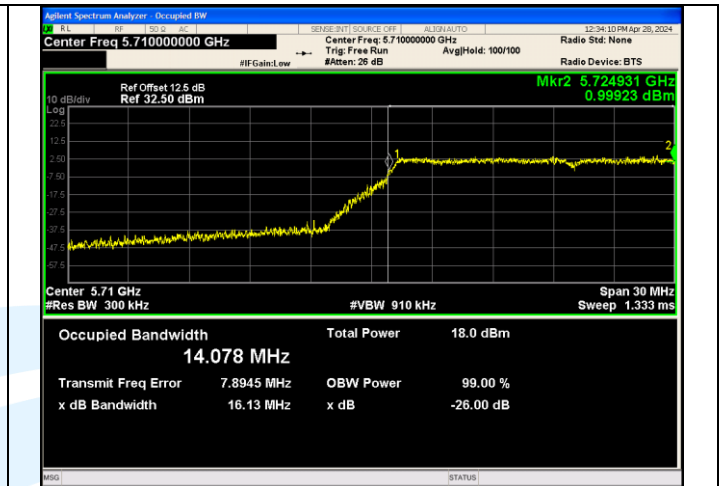
IEEE 802.11a\_Channel 144\_20MHz\_Antenna 0



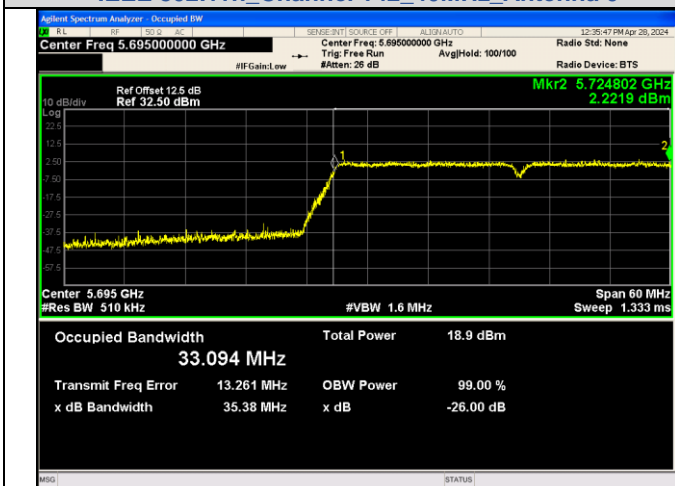
IEEE 802.11n\_Channel 144\_20MHz\_Antenna 0



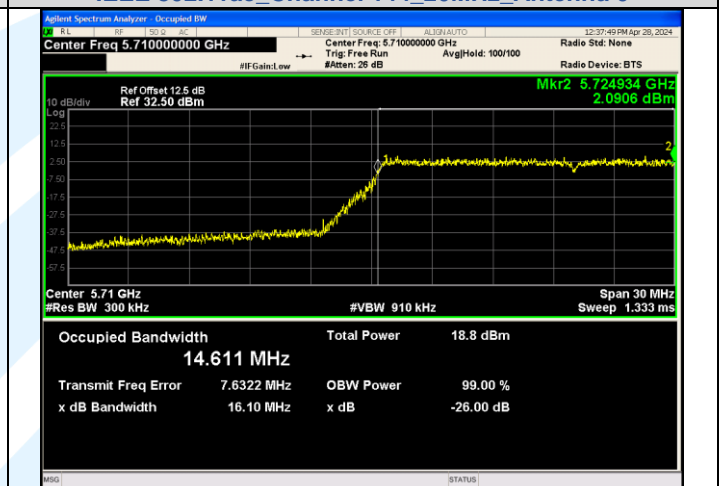
IEEE 802.11n\_Channel 142\_40MHz\_Antenna 0



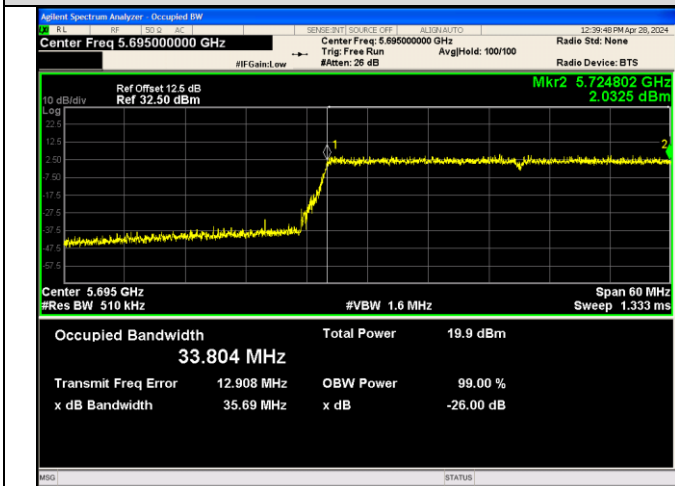
IEEE 802.11ac\_Channel 144\_20MHz\_Antenna 0



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

**For U-NII-3 band**

Mode	Channel	RU & Index	Ant.	99% BW (MHz)	
IEEE 802.11a	149	N/A	0	17.141	
	157			17.104	
	165			17.066	
IEEE 802.11n_20	149			18.088	
	157			18.118	
	165			18.103	
IEEE 802.11n_40	151			36.410	
	159			36.525	
IEEE 802.11ac_20	149			18.071	
	157			18.101	
	165			18.067	
IEEE 802.11ac_40	151			36.536	
	159			36.460	
IEEE 802.11ax_20	149			SU	19.151
	157				19.180
	165	19.166			
IEEE 802.11ax_40	151	37.818			
	159	37.905			

Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	144	N/A	0	4.5458
IEEE 802.11n_20	144			4.7477
IEEE 802.11n_40	142			4.3144
IEEE 802.11ac_20	144			4.7863
IEEE 802.11ac_40	142			4.3528
IEEE 802.11ax_20	144			SU
IEEE 802.11ax_40	142	4.5103		

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Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

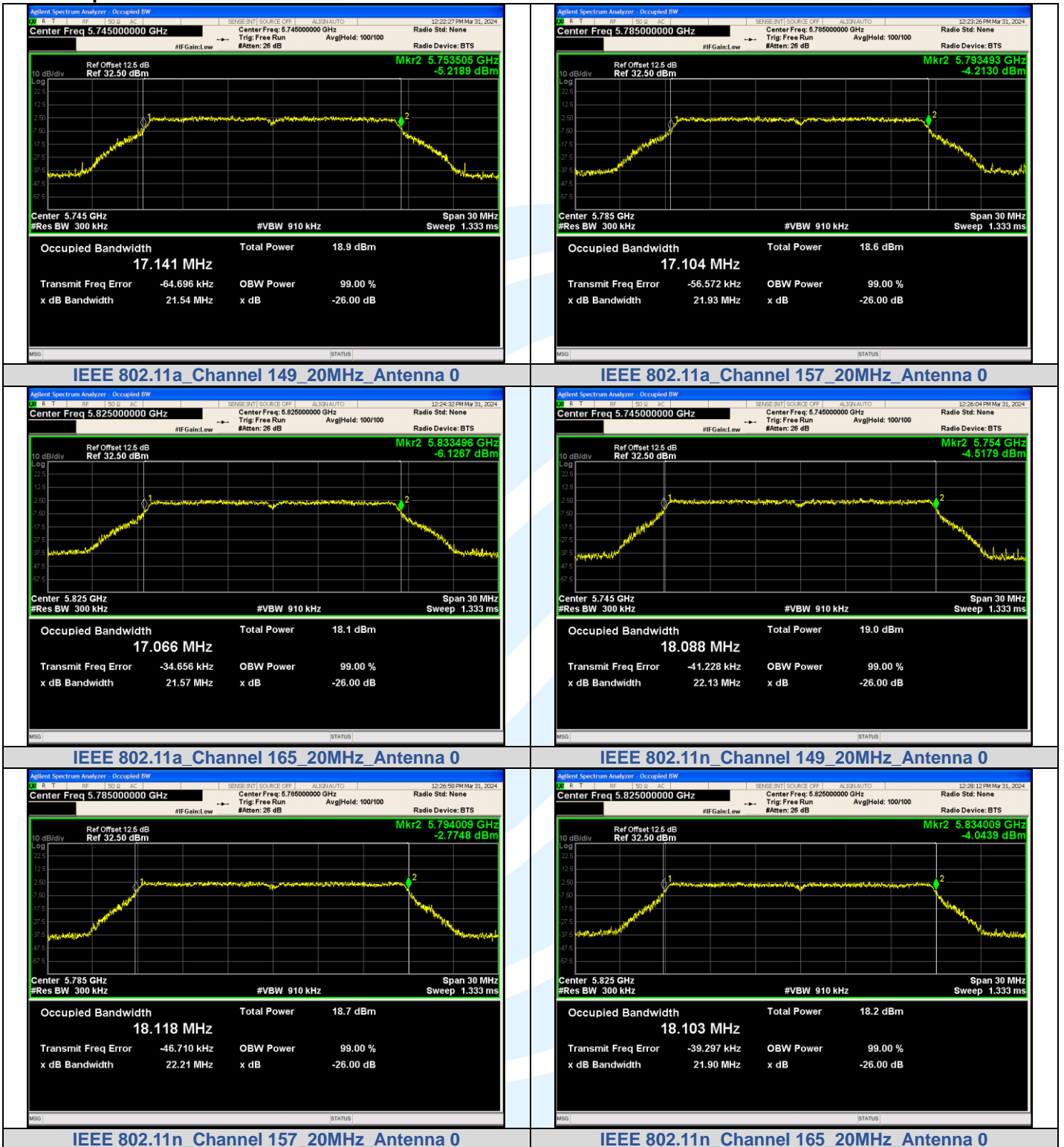
Fax: +86-755-28230886

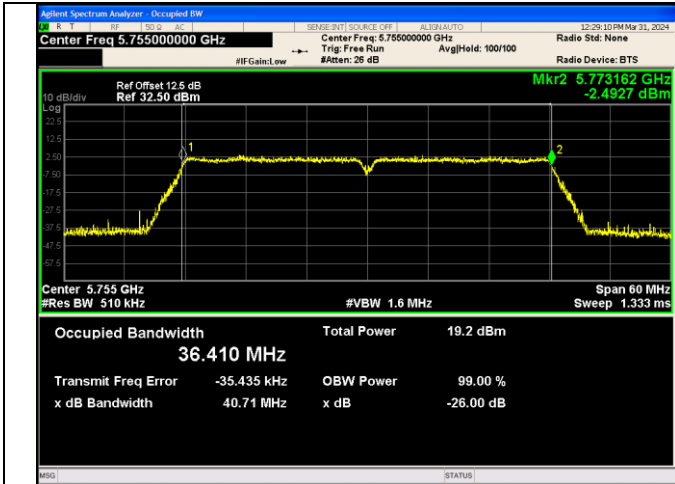
E-mail: info@uttlab.com

<http://www.uttlab.com>

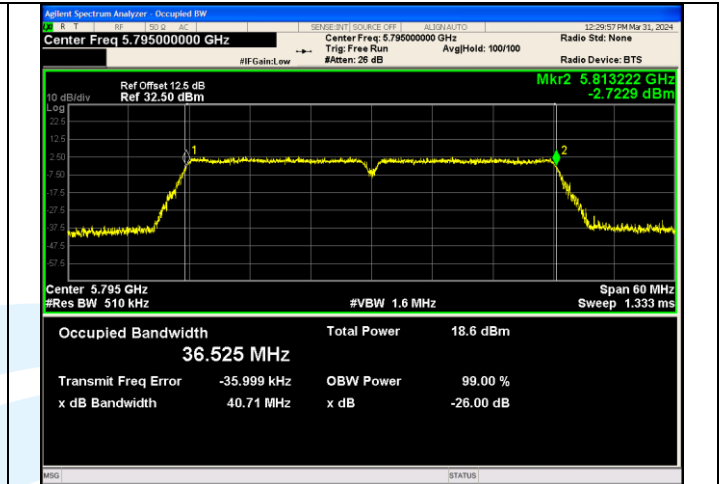
UTTR-RF-RSS247-V1.1

## Test Graphs

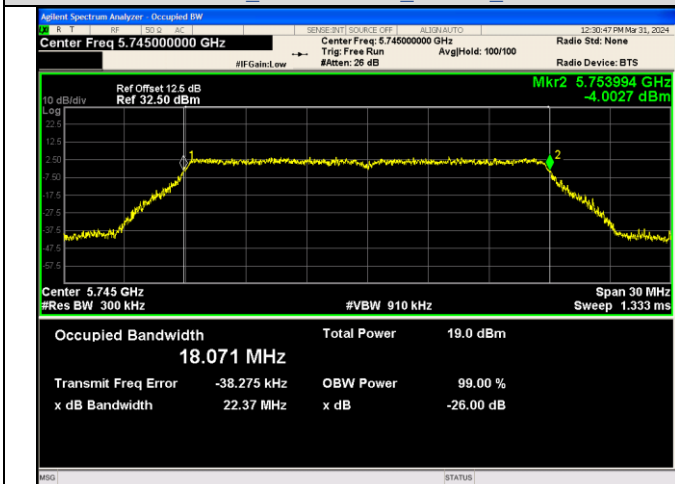




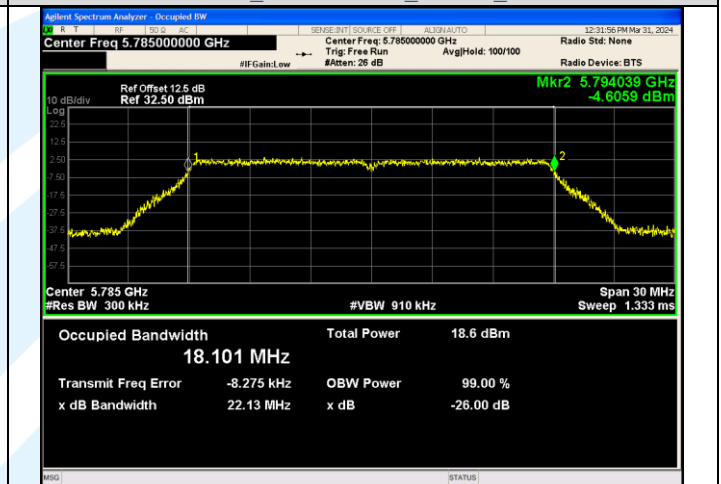
IEEE 802.11n\_Channel 151\_40MHz\_Antenna 0



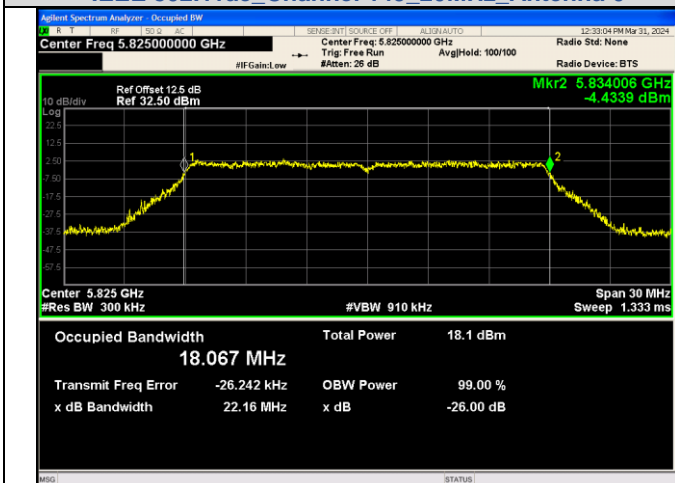
IEEE 802.11n\_Channel 159\_40MHz\_Antenna 0



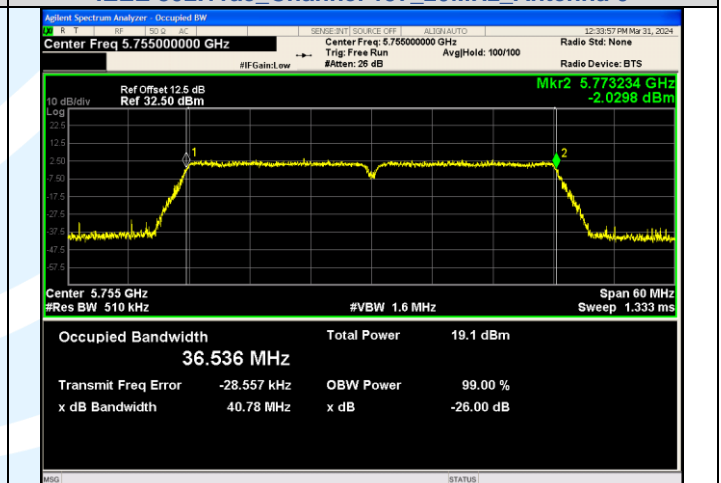
IEEE 802.11ac\_Channel 149\_20MHz\_Antenna 0



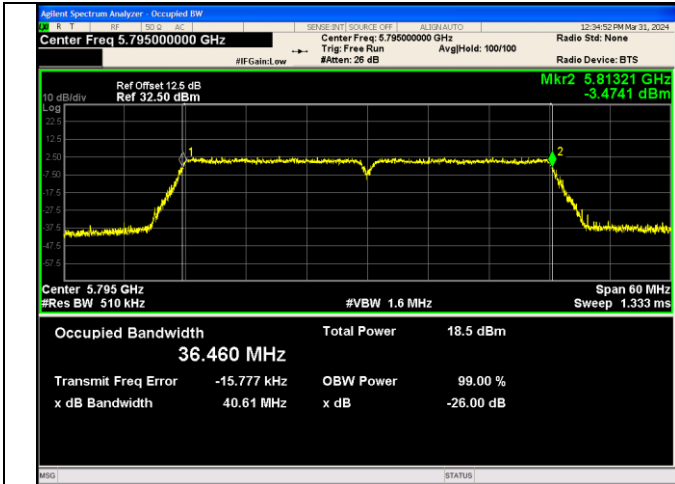
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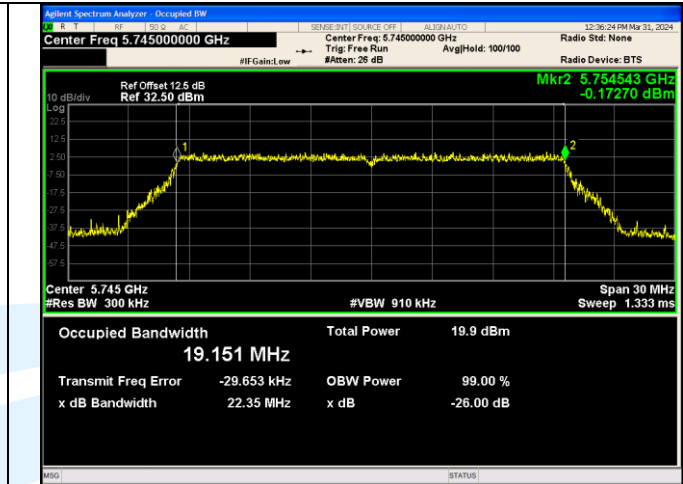
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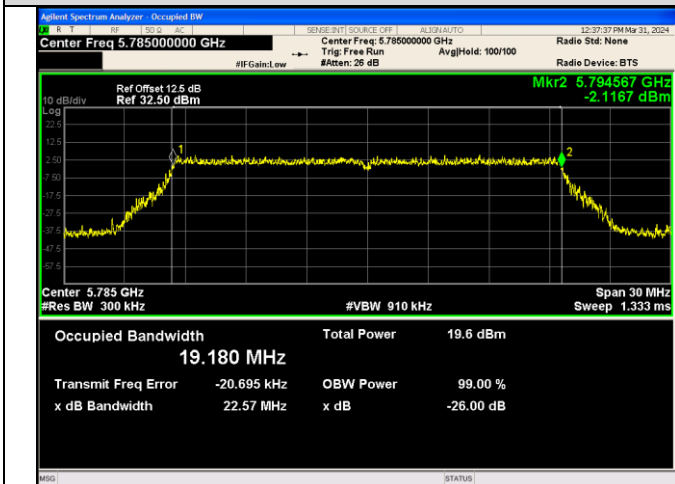
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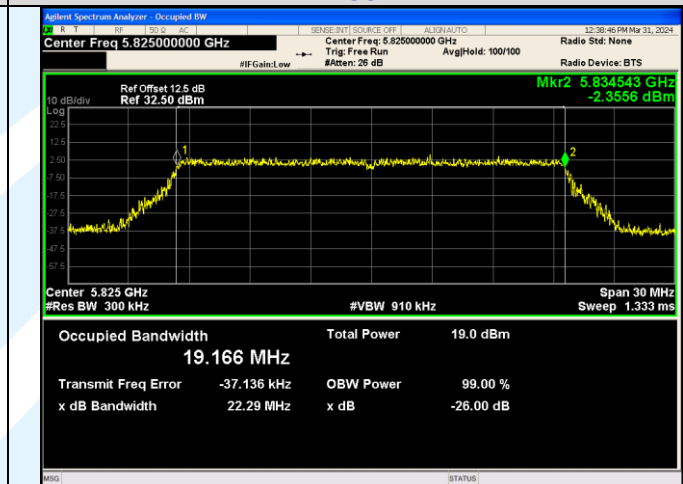
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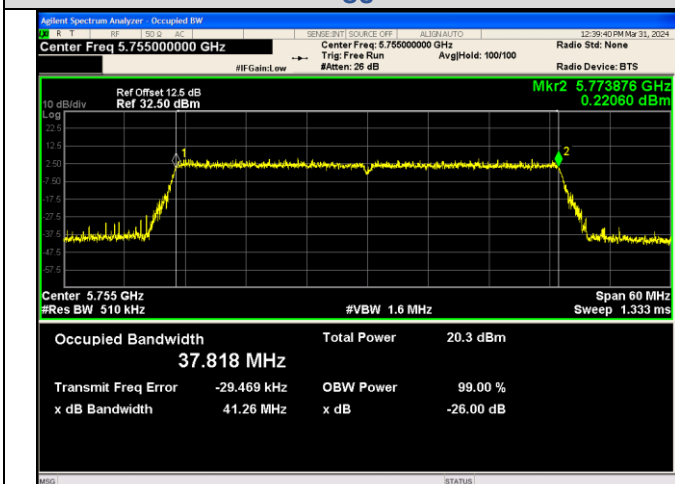
IEEE 802.11ax\_Channel 149\_20MHz\_Antenna 0\_RU&Index SU



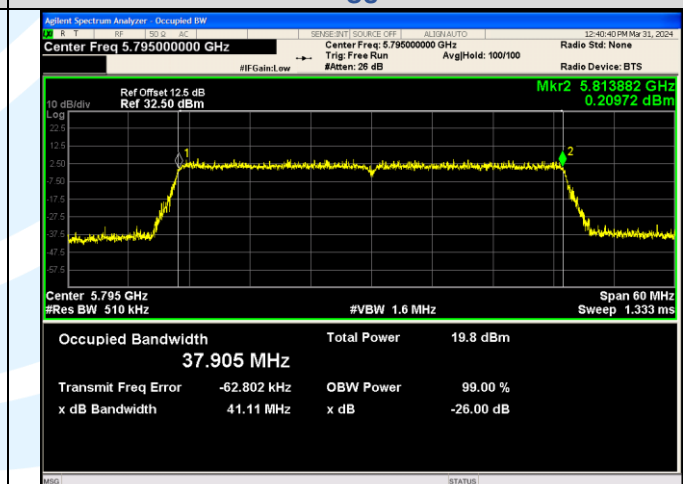
IEEE 802.11ax\_Channel 157\_20MHz\_Antenna 0\_RU&Index SU



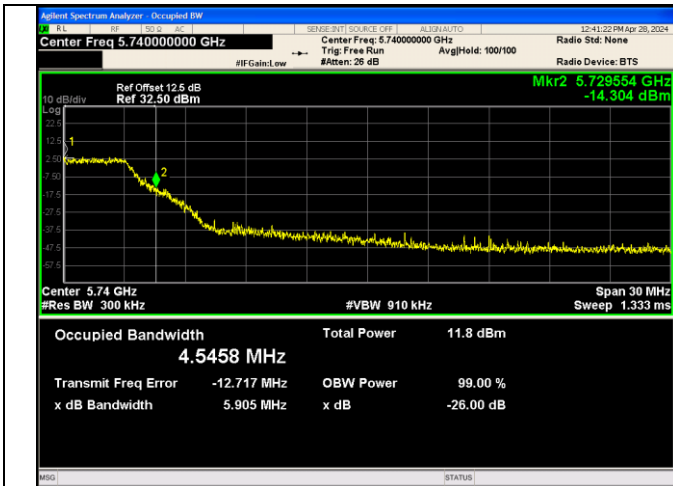
IEEE 802.11ax\_Channel 165\_20MHz\_Antenna 0\_RU&Index SU



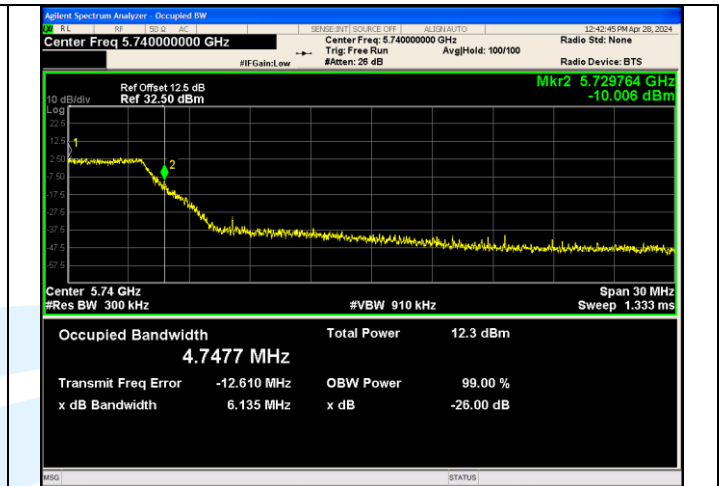
IEEE 802.11ax\_Channel 151\_40MHz\_Antenna 0\_RU&Index SU



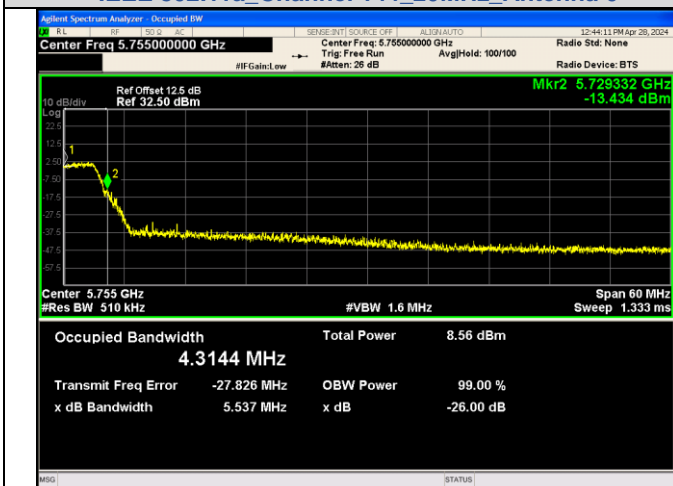
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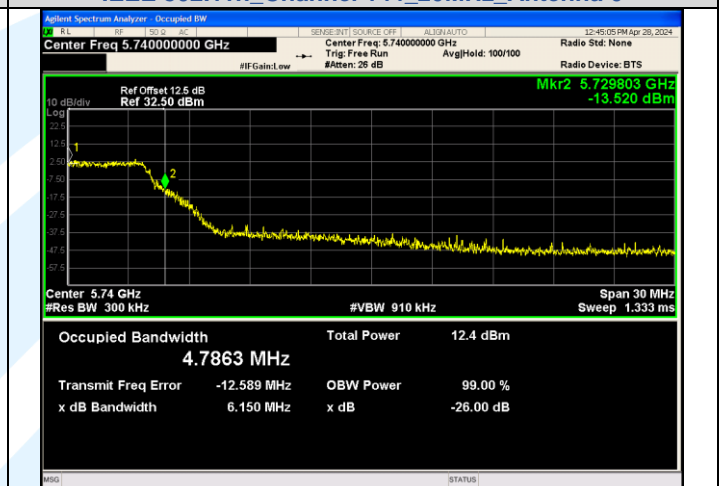
IEEE 802.11a\_Channel 144\_20MHz\_Antenna 0



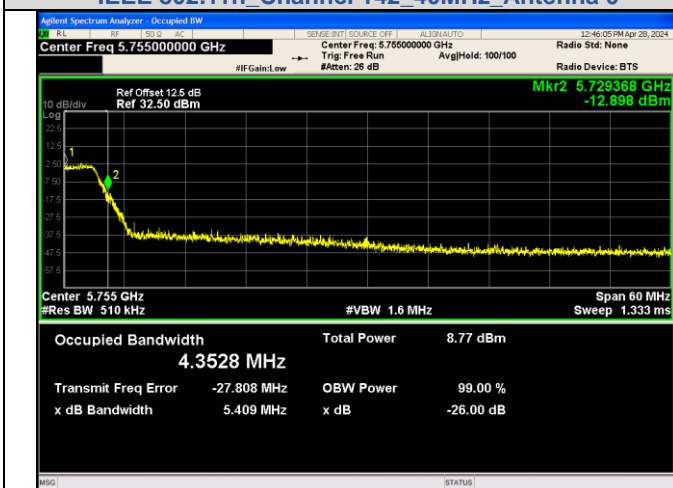
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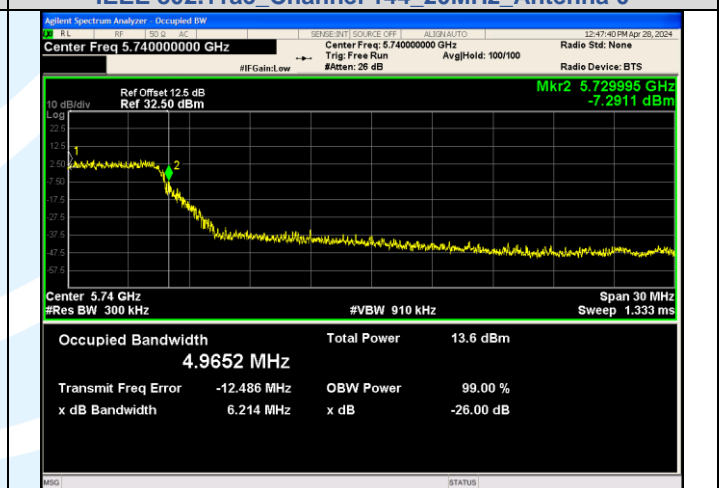
IEEE 802.11n\_Channel 142\_40MHz\_Antenna 0



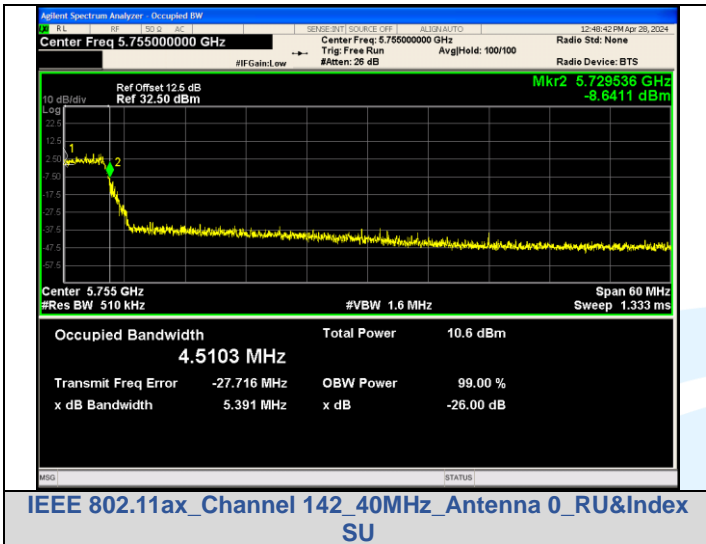
IEEE 802.11ac\_Channel 144\_20MHz\_Antenna 0



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

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