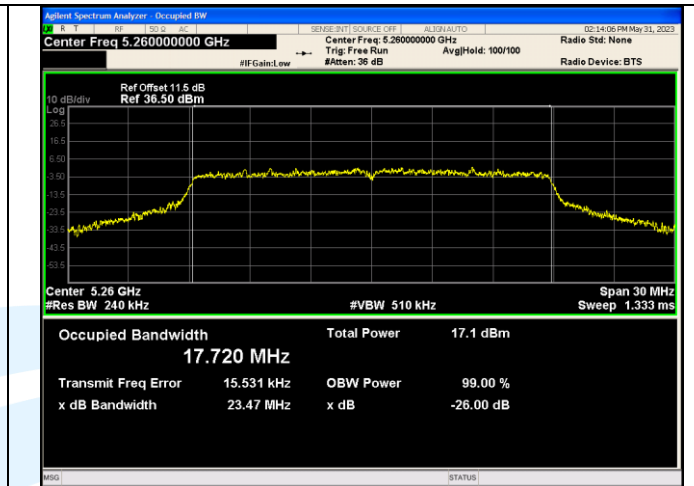
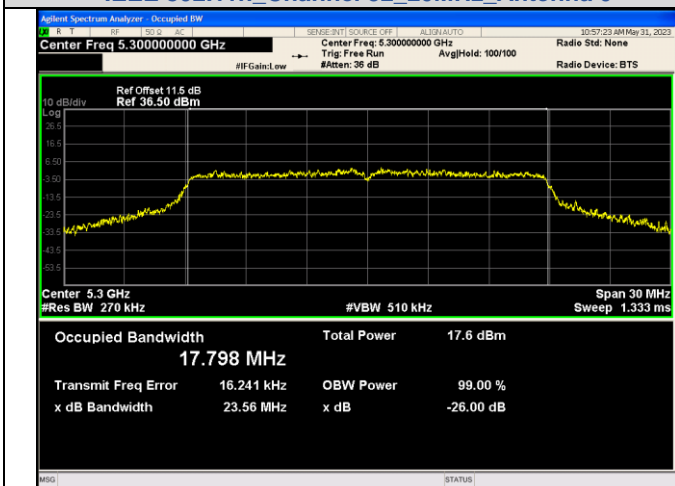


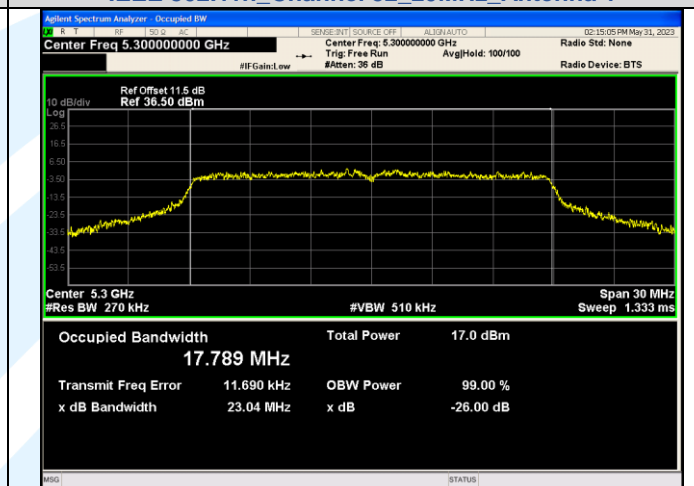
IEEE 802.11n\_Channel 52\_20MHz\_Antenna 0



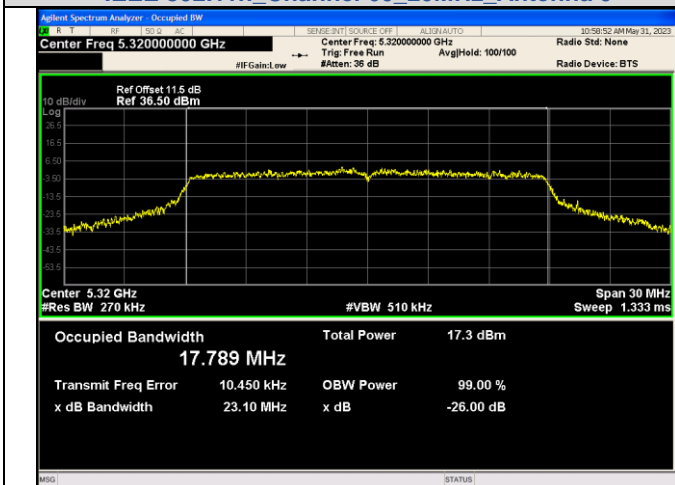
IEEE 802.11n\_Channel 52\_20MHz\_Antenna 1



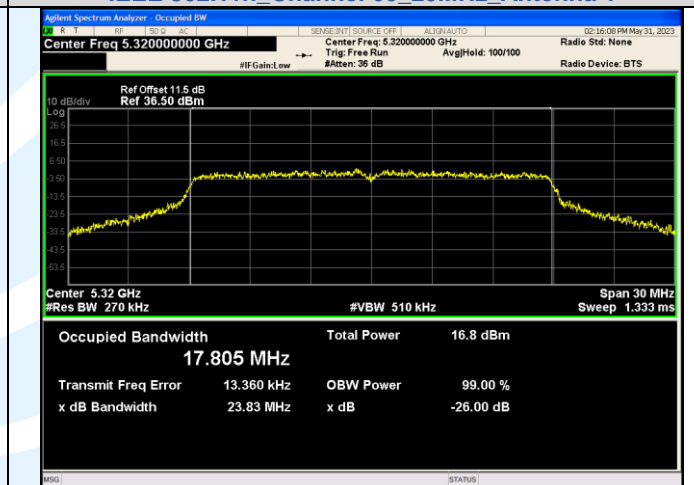
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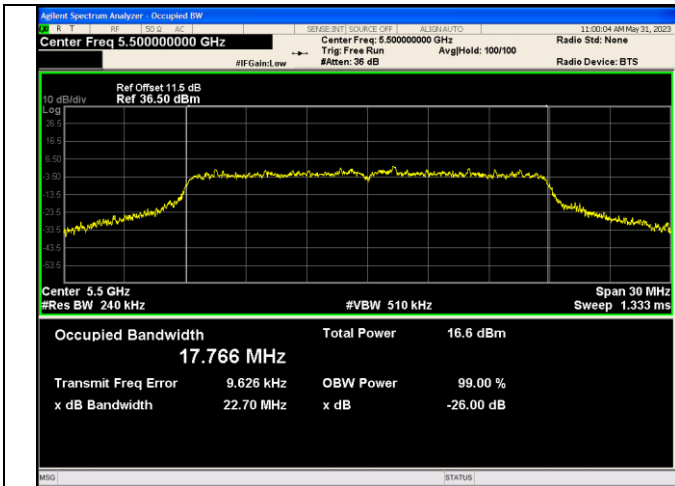
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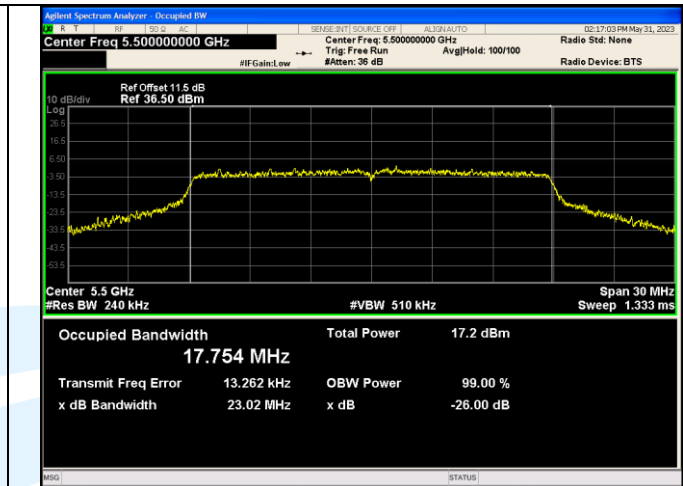
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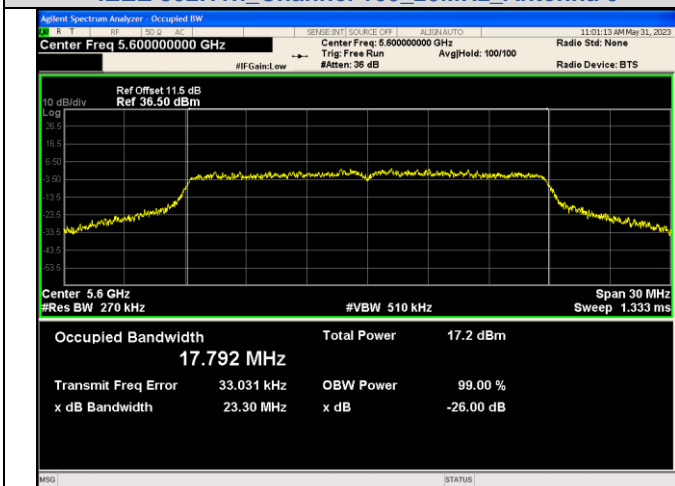
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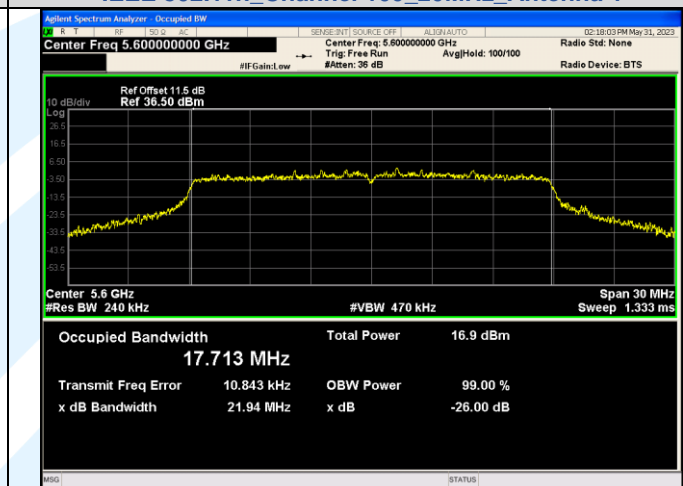
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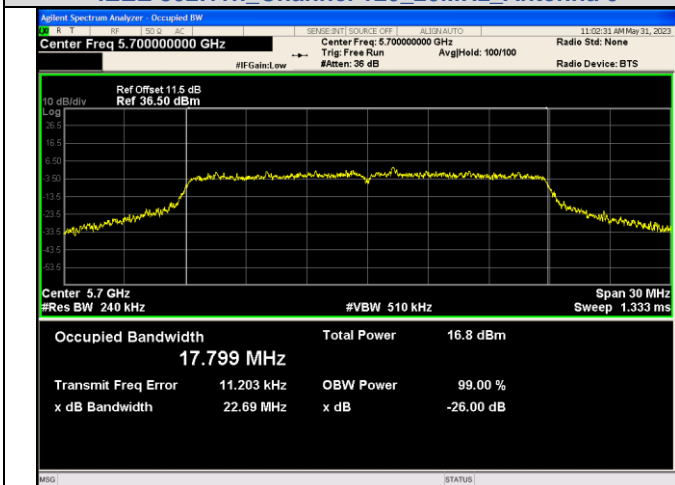
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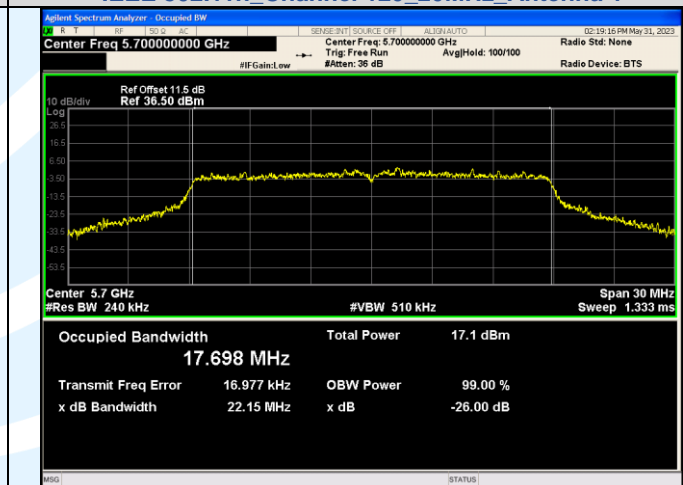
IEEE 802.11n\_Channel 120\_20MHz\_Antenna 0



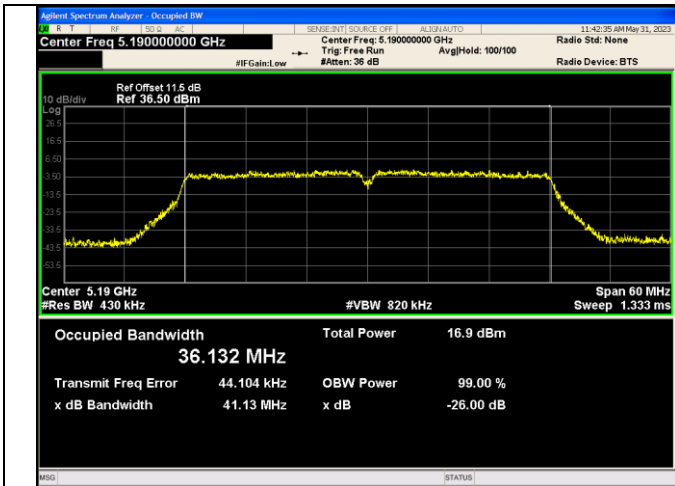
IEEE 802.11n\_Channel 120\_20MHz\_Antenna 1



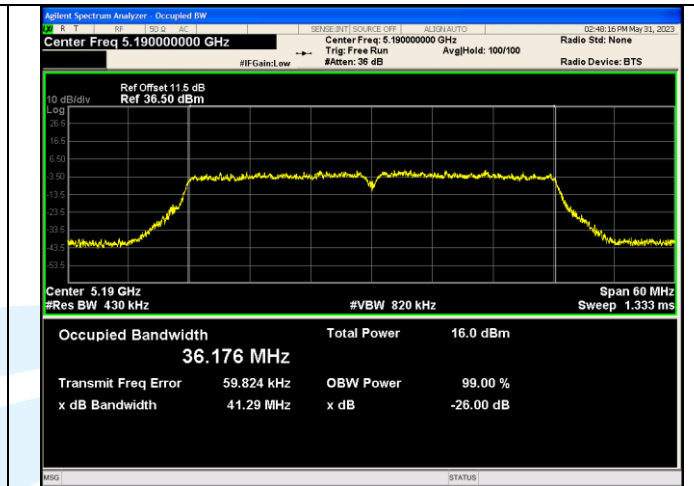
IEEE 802.11n\_Channel 140\_20MHz\_Antenna 0



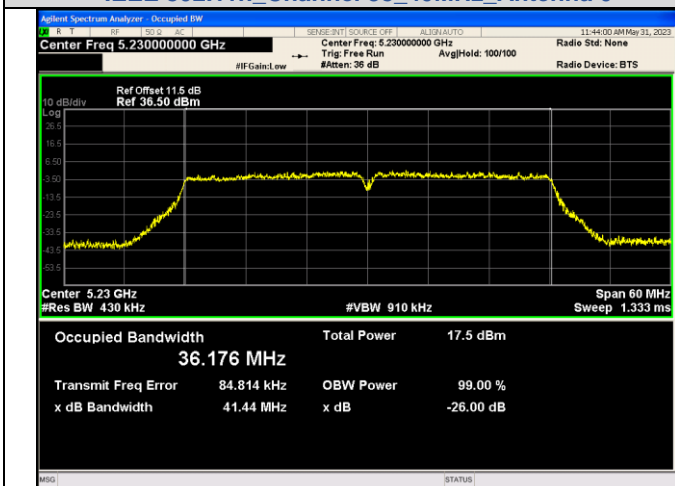
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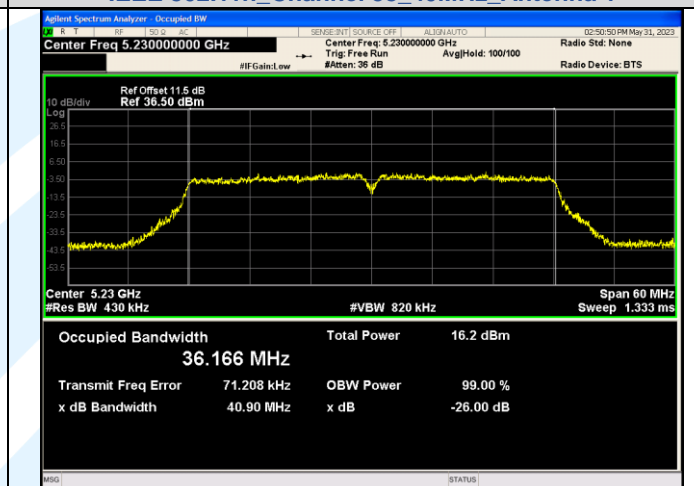
IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0



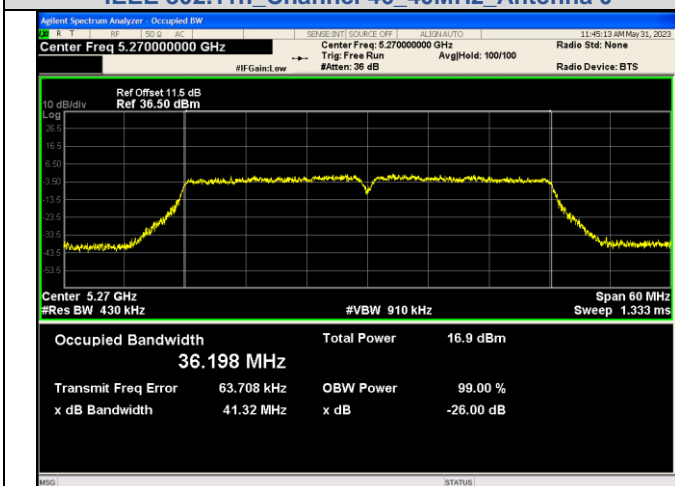
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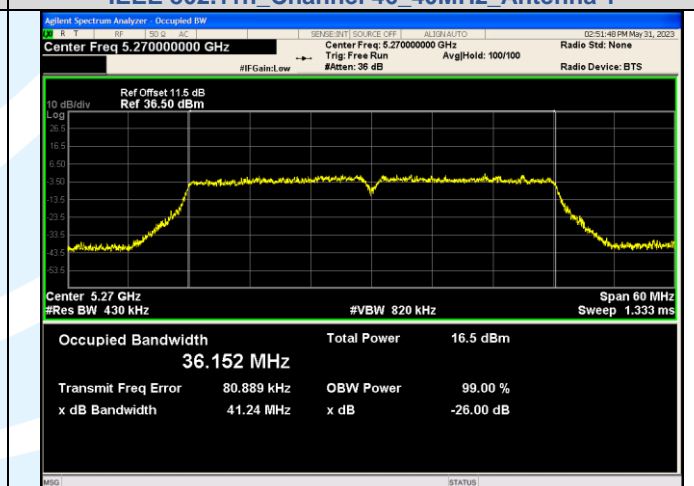
IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0



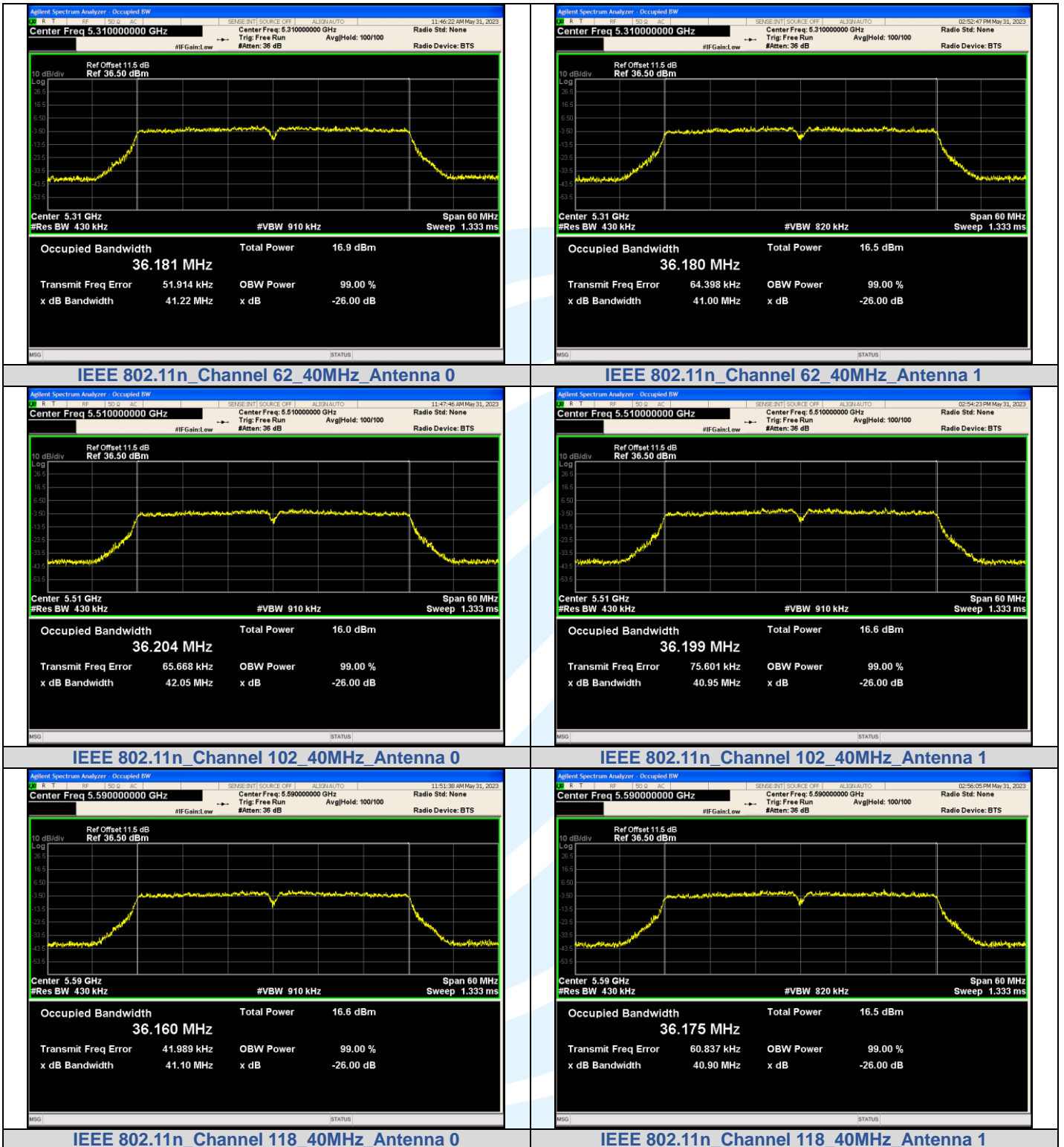
IEEE 802.11n\_Channel 46\_40MHz\_Antenna 1



IEEE 802.11n\_Channel 54\_40MHz\_Antenna 0



IEEE 802.11n\_Channel 54\_40MHz\_Antenna 1



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

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

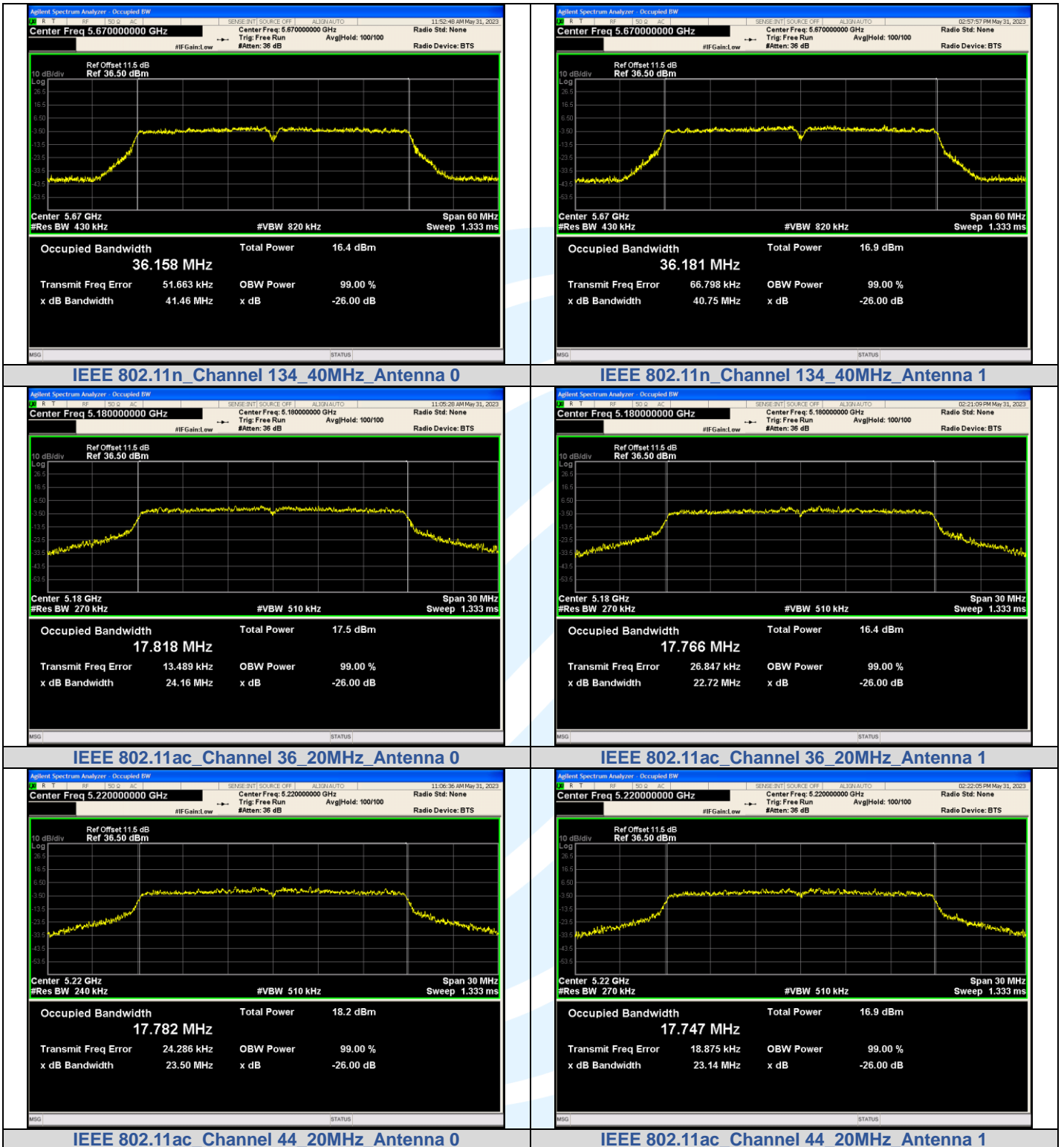
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCCPART15.407-V1.1



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

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

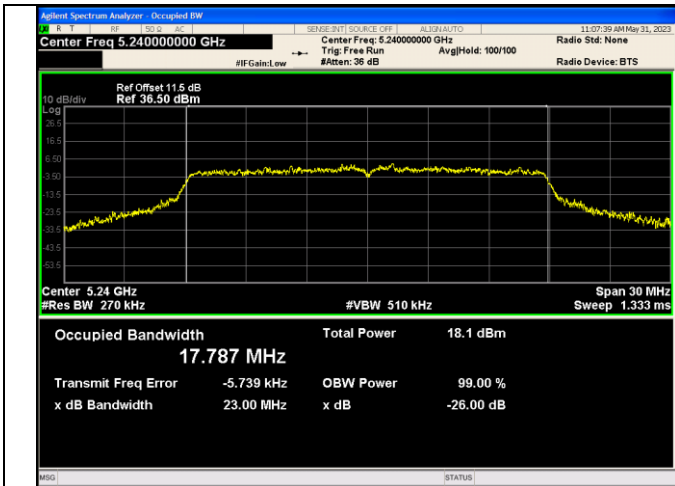
Tel: +86-755-28230888

Fax: +86-755-28230886

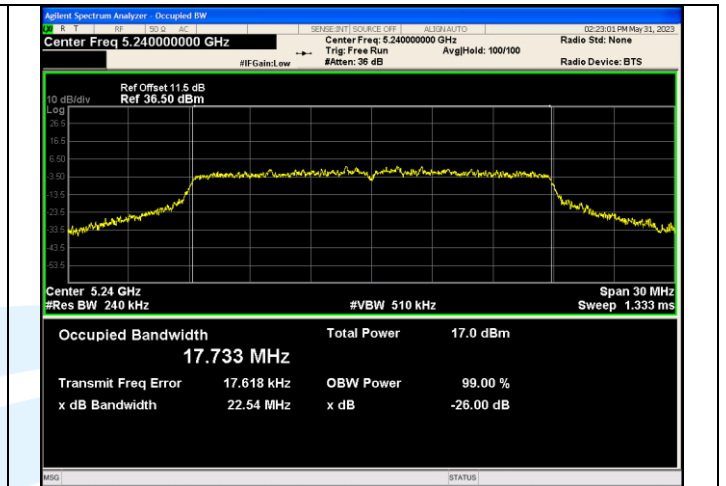
E-mail: info@uttlab.com

<http://www.uttlab.com>

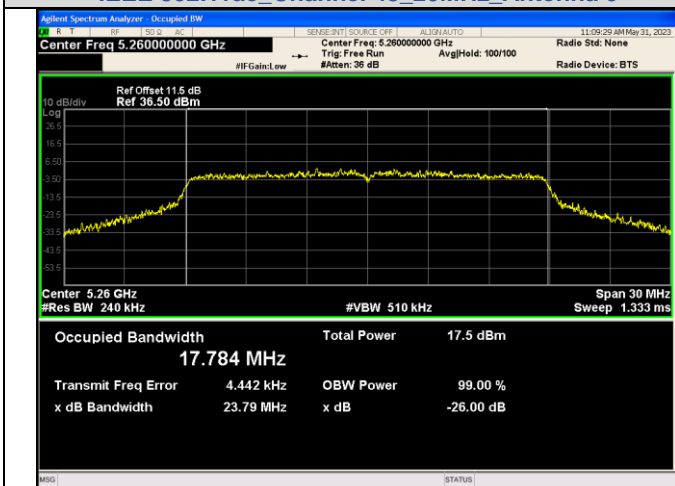
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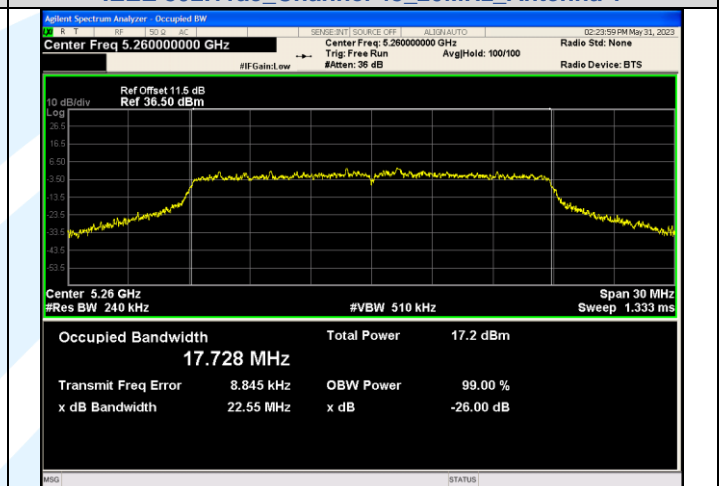
IEEE 802.11ac\_Channel 48\_20MHz\_Antenna 0



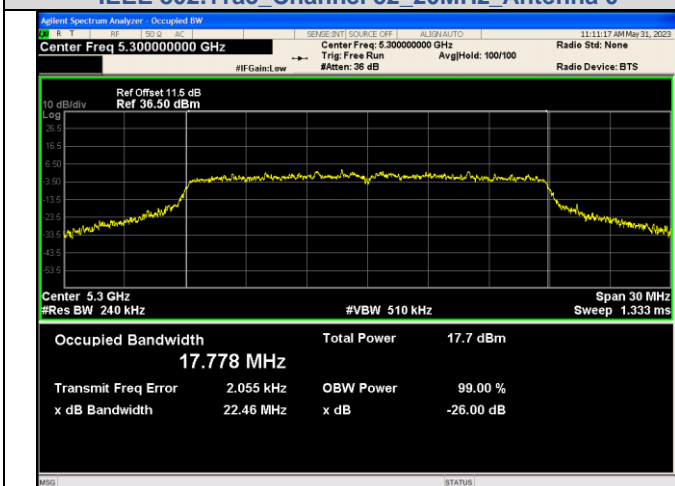
IEEE 802.11ac\_Channel 48\_20MHz\_Antenna 1



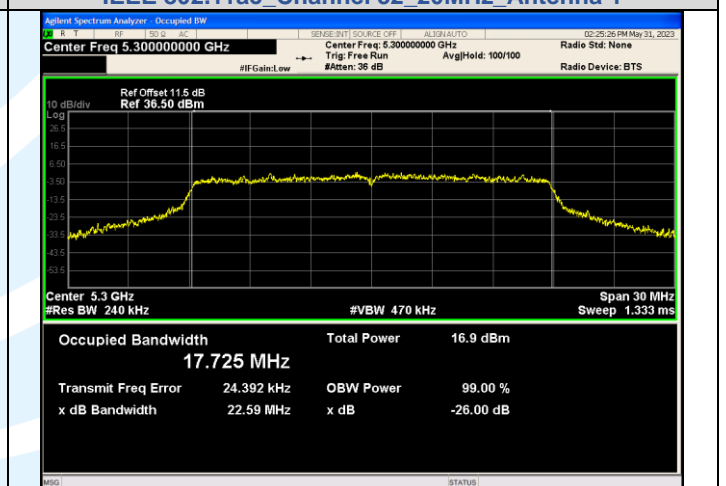
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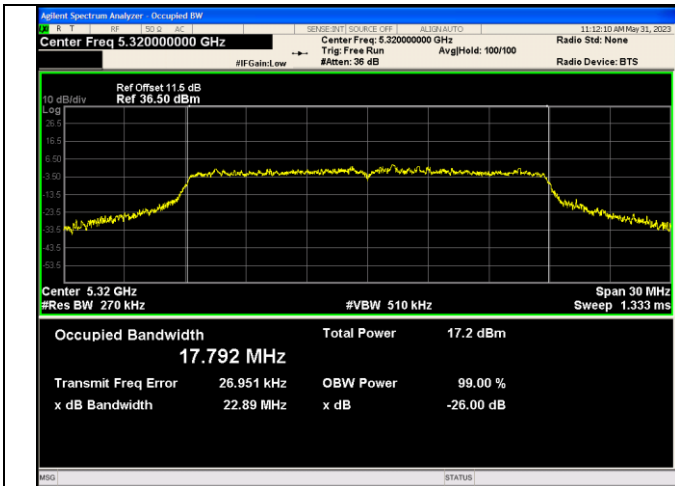
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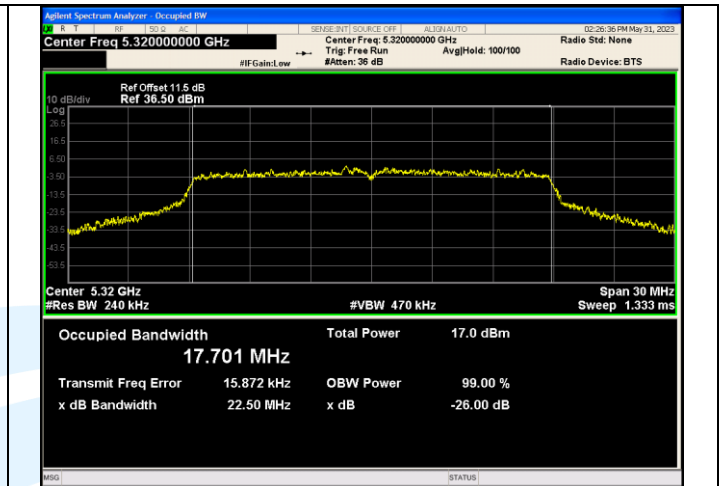
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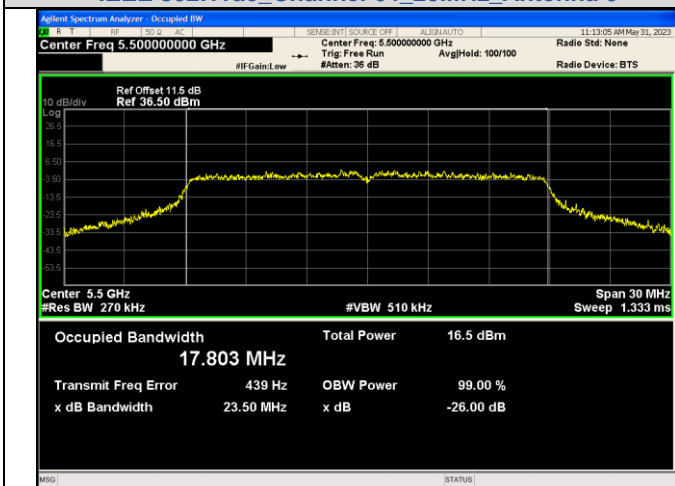
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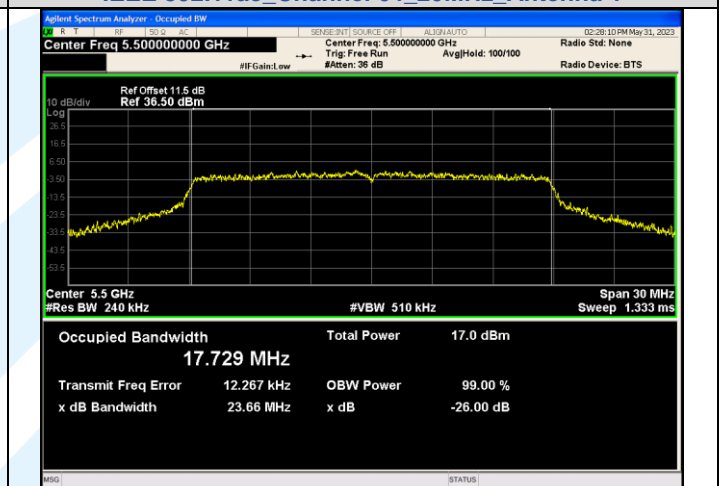
IEEE 802.11ac\_Channel 64\_20MHz\_Antenna 0



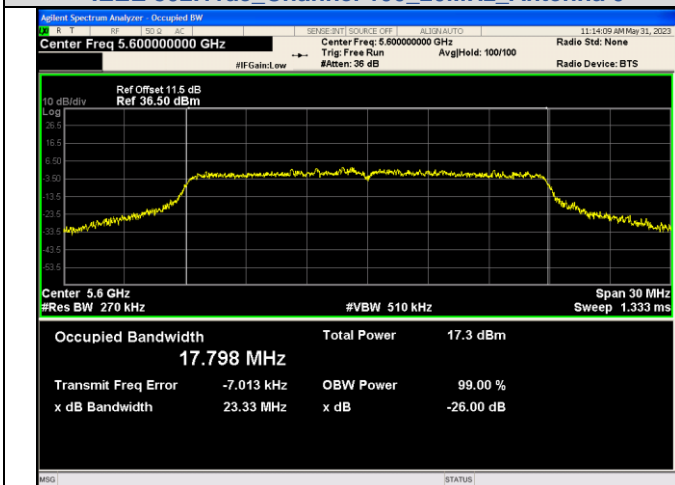
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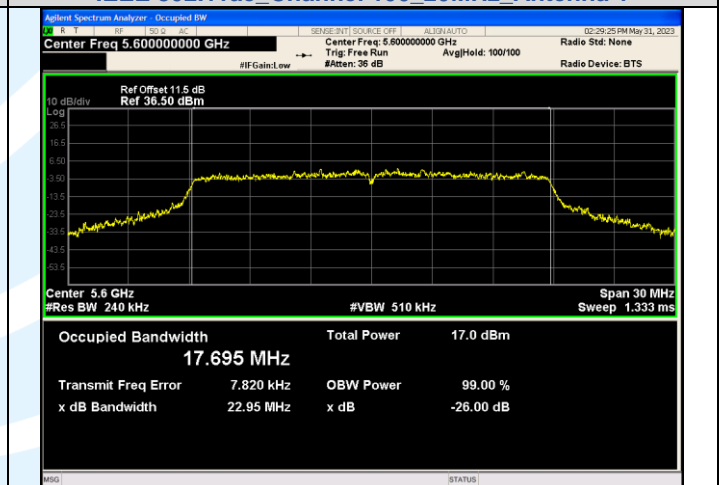
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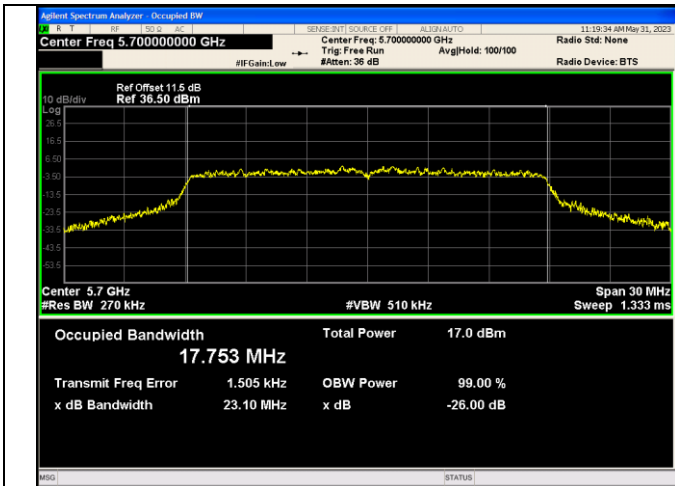
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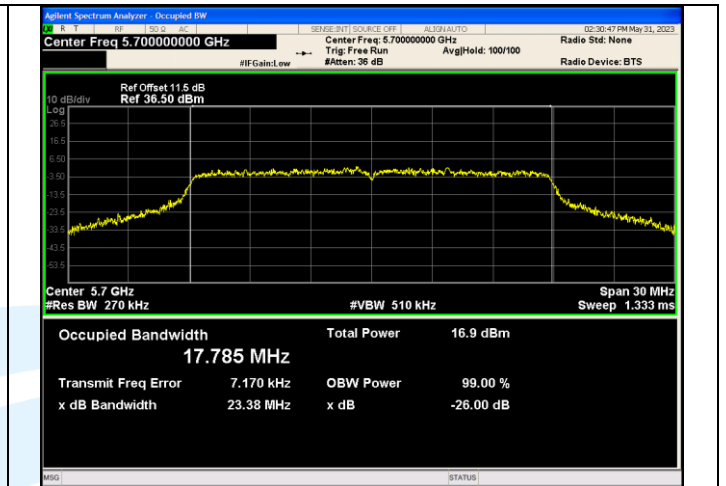
IEEE 802.11ac\_Channel 120\_20MHz\_Antenna 0



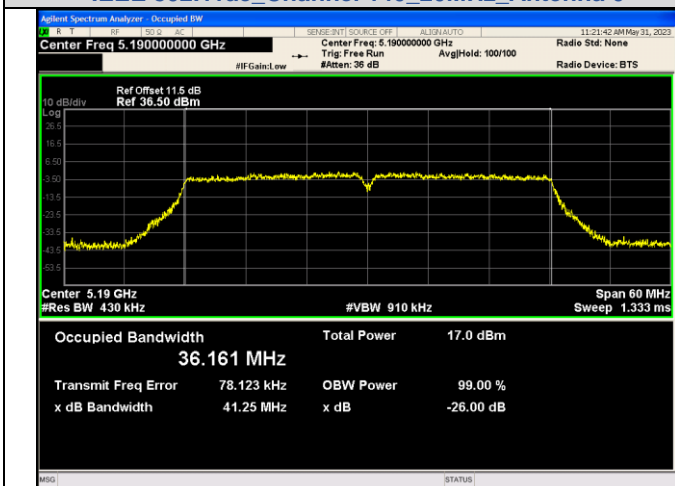
IEEE 802.11ac\_Channel 120\_20MHz\_Antenna 1



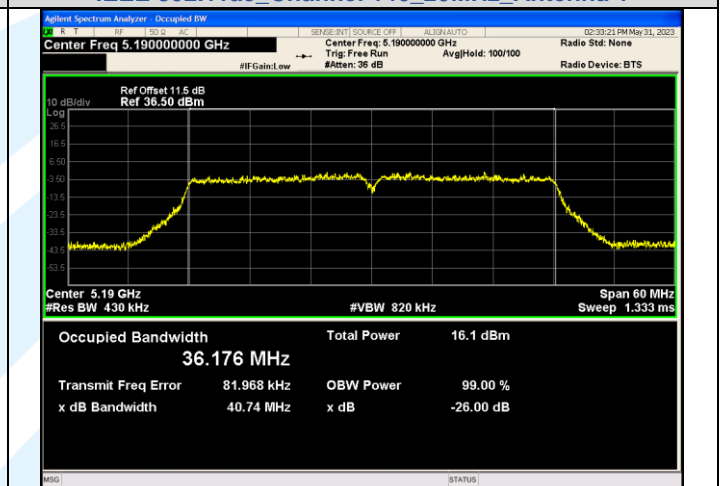
IEEE 802.11ac\_Channel 140\_20MHz\_Antenna 0



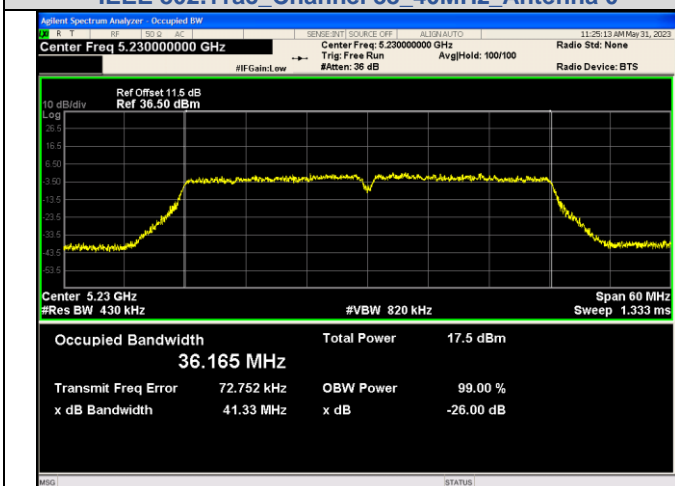
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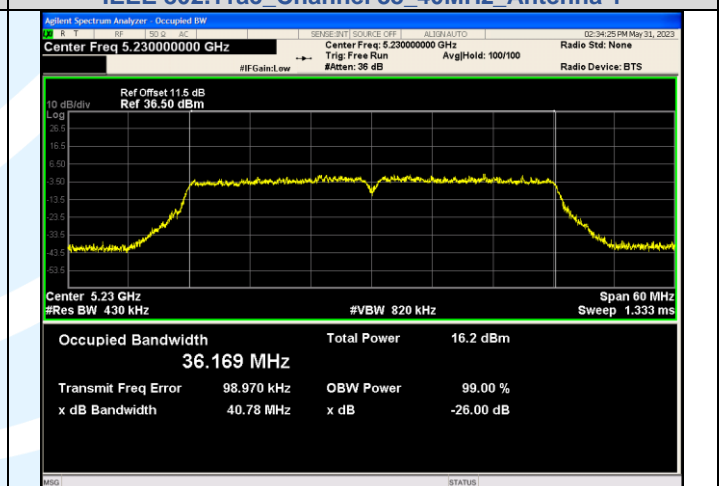
IEEE 802.11ac\_Channel 38\_40MHz\_Antenna 0



IEEE 802.11ac\_Channel 38\_40MHz\_Antenna 1

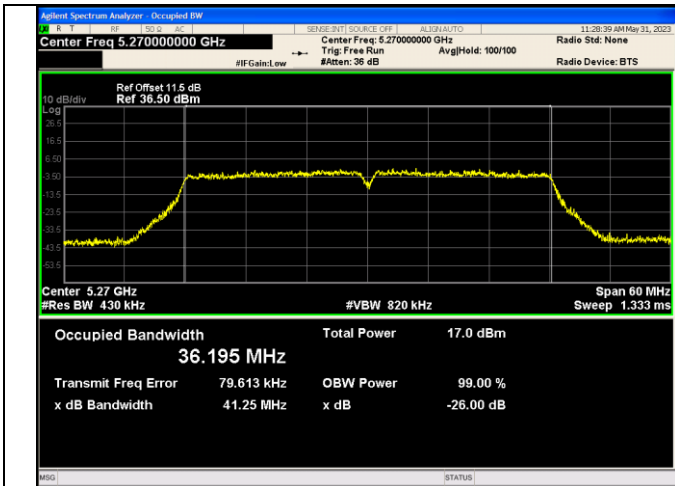


IEEE 802.11ac\_Channel 46\_40MHz\_Antenna 0

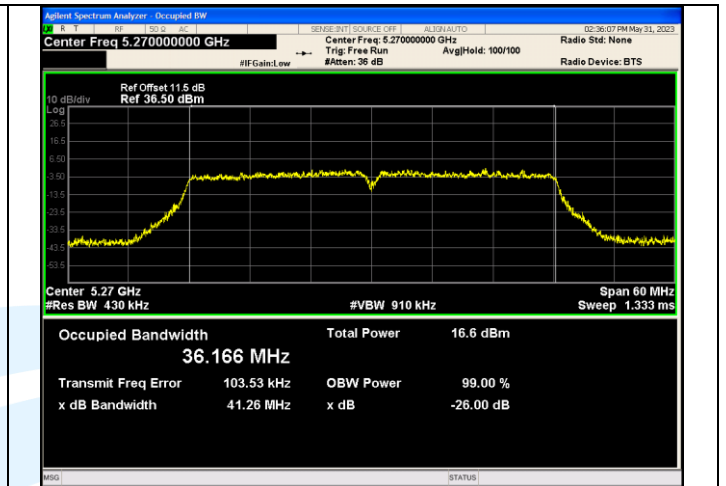


IEEE 802.11ac\_Channel 46\_40MHz\_Antenna 1

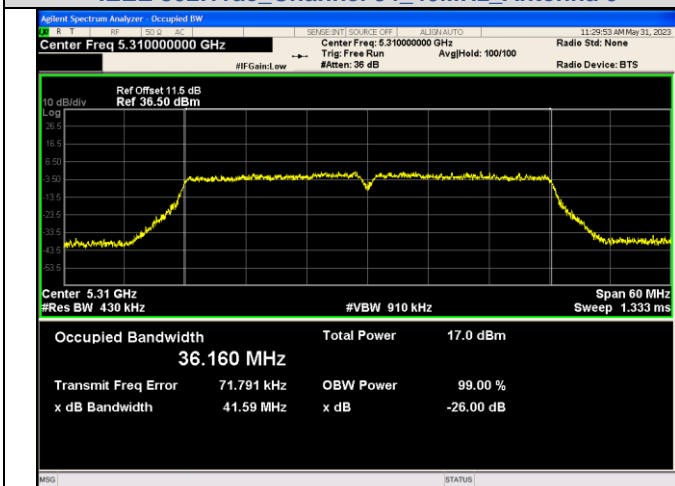




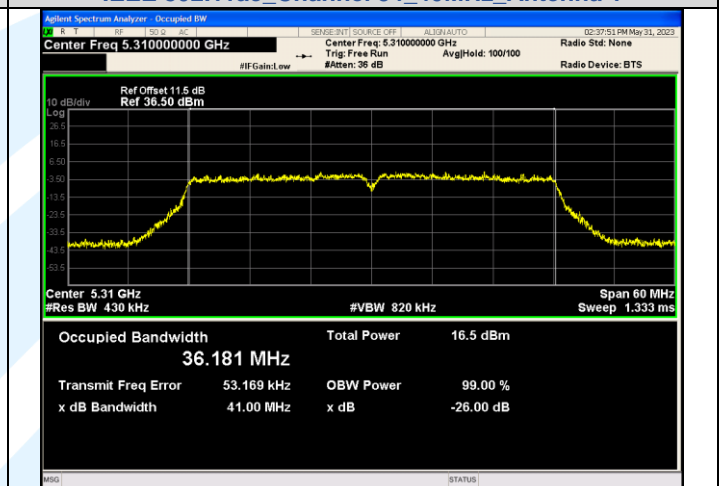
IEEE 802.11ac\_Channel 54\_40MHz\_Antenna 0



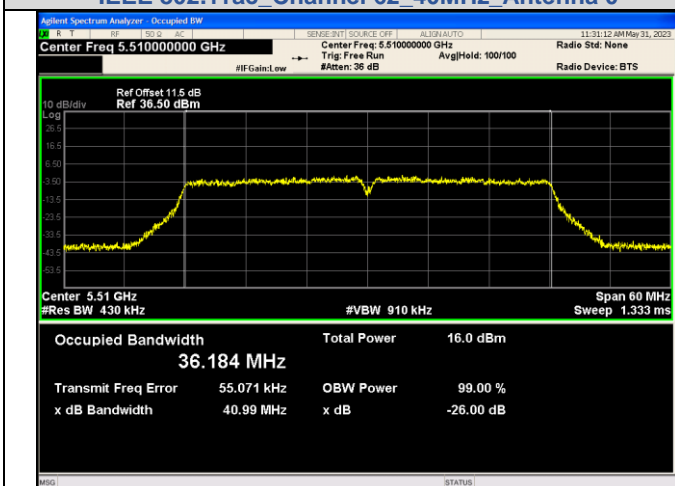
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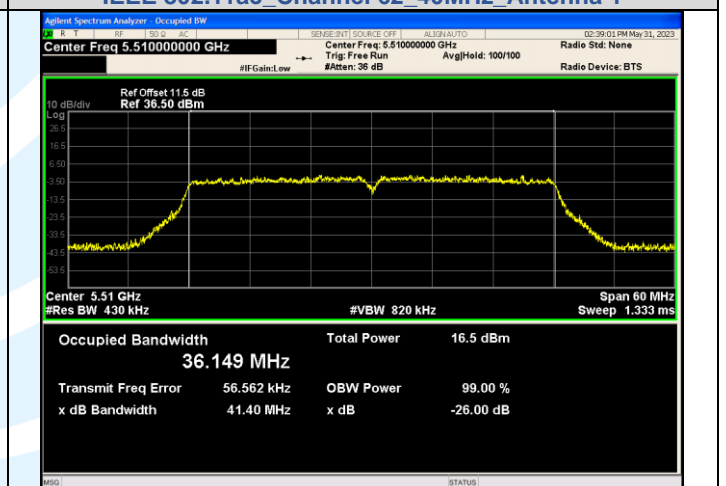
IEEE 802.11ac\_Channel 62\_40MHz\_Antenna 0



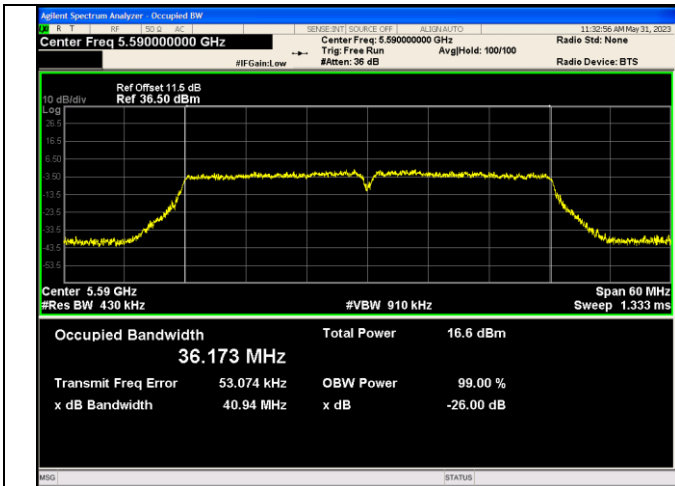
IEEE 802.11ac\_Channel 62\_40MHz\_Antenna 1



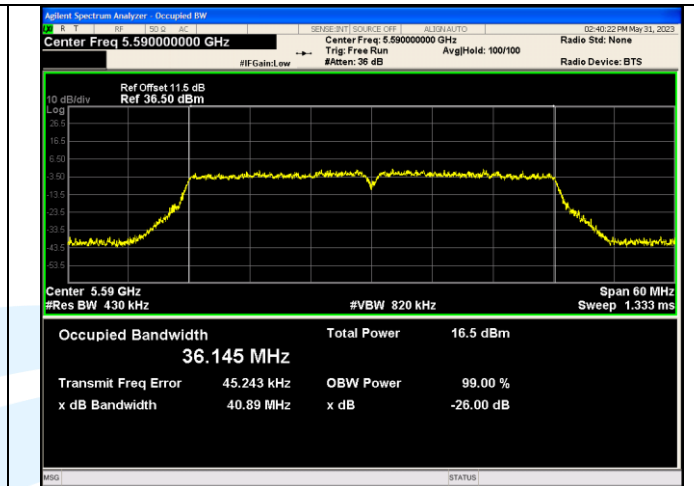
IEEE 802.11ac\_Channel 102\_40MHz\_Antenna 0



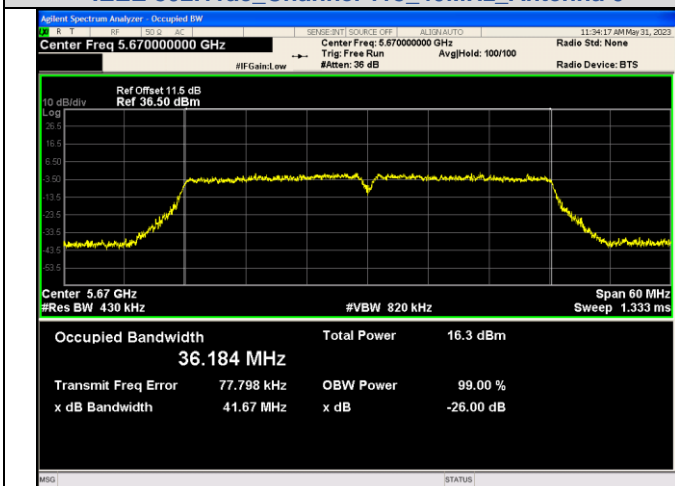
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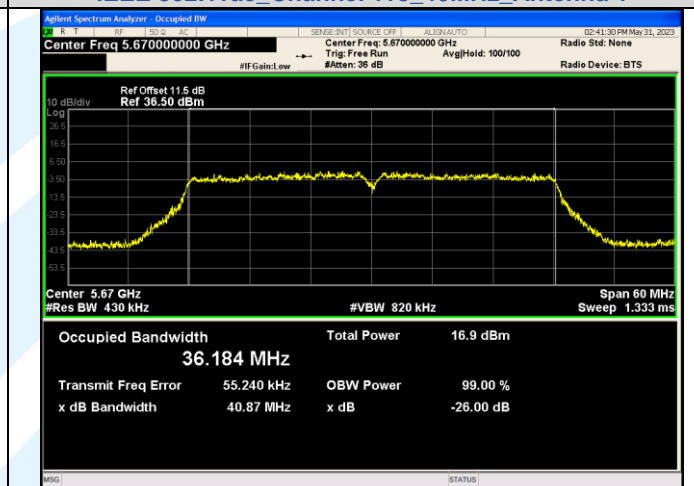
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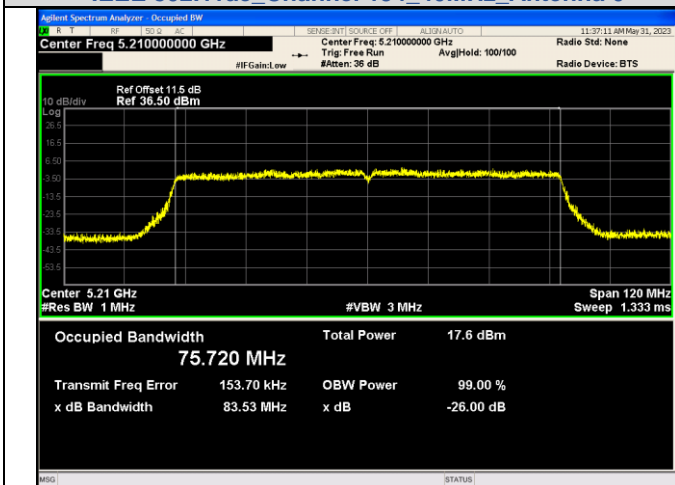
IEEE 802.11ac\_Channel 118\_40MHz\_Antenna 1



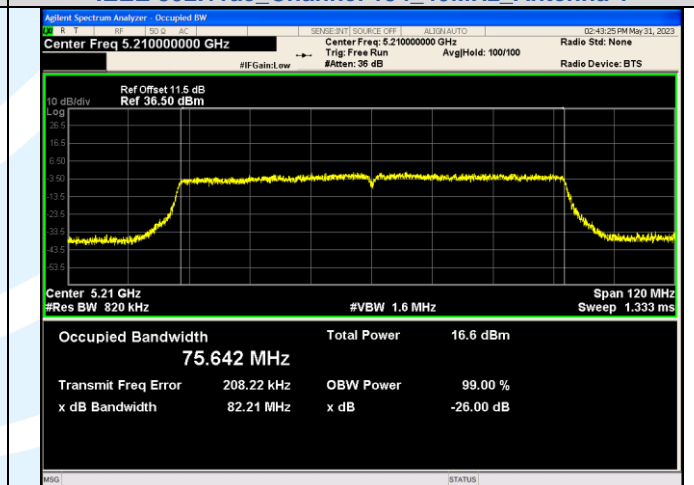
IEEE 802.11ac\_Channel 134\_40MHz\_Antenna 0



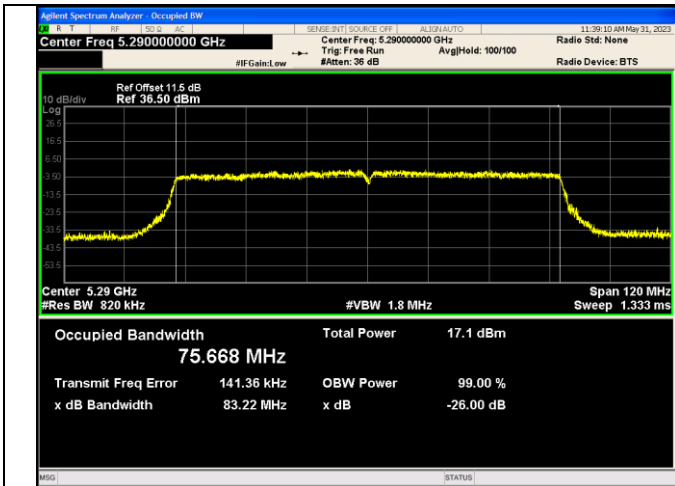
IEEE 802.11ac\_Channel 134\_40MHz\_Antenna 1



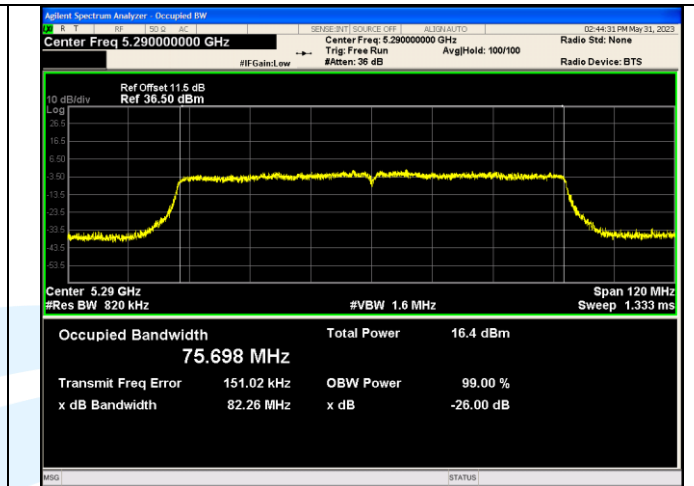
IEEE 802.11ac\_Channel 42\_80MHz\_Antenna 0



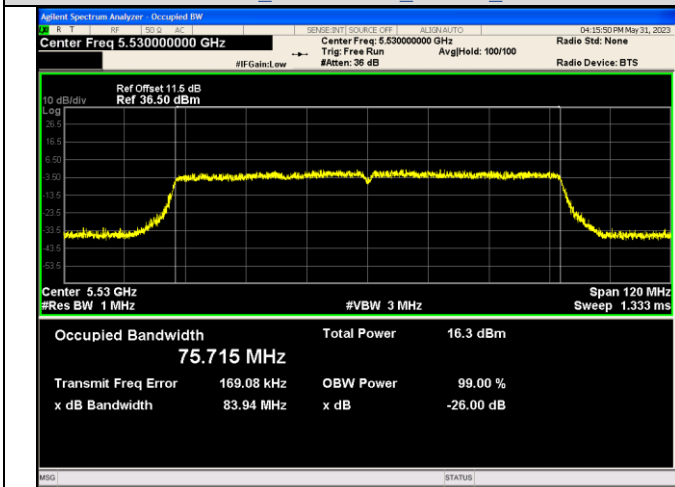
IEEE 802.11ac\_Channel 42\_80MHz\_Antenna 1



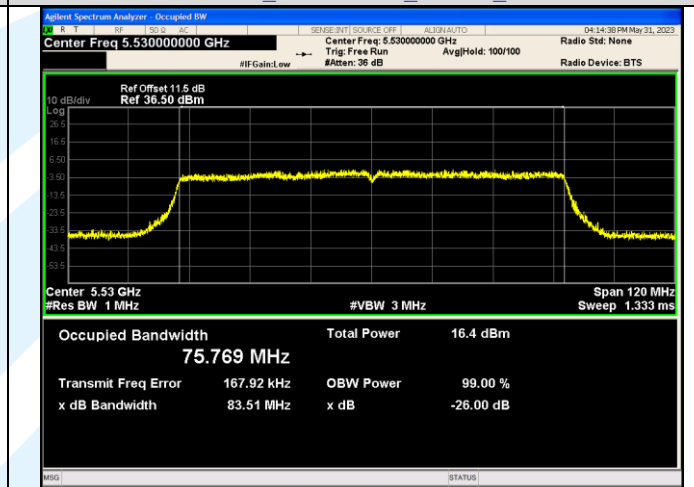
IEEE 802.11ac\_Channel 58\_80MHz\_Antenna 0



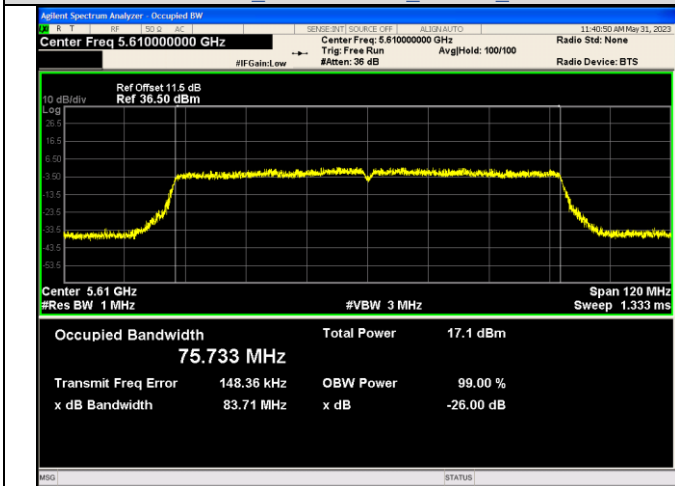
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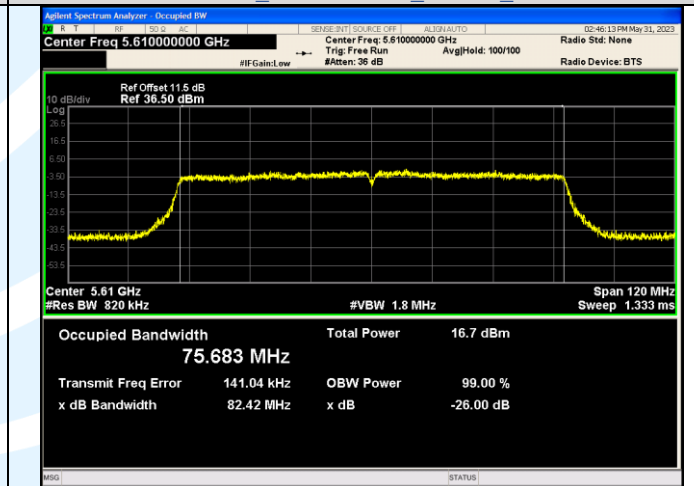
IEEE 802.11ac\_Channel 106\_80MHz\_Antenna 0



IEEE 802.11ac\_Channel 106\_80MHz\_Antenna 1



IEEE 802.11ac\_Channel 122\_80MHz\_Antenna 0



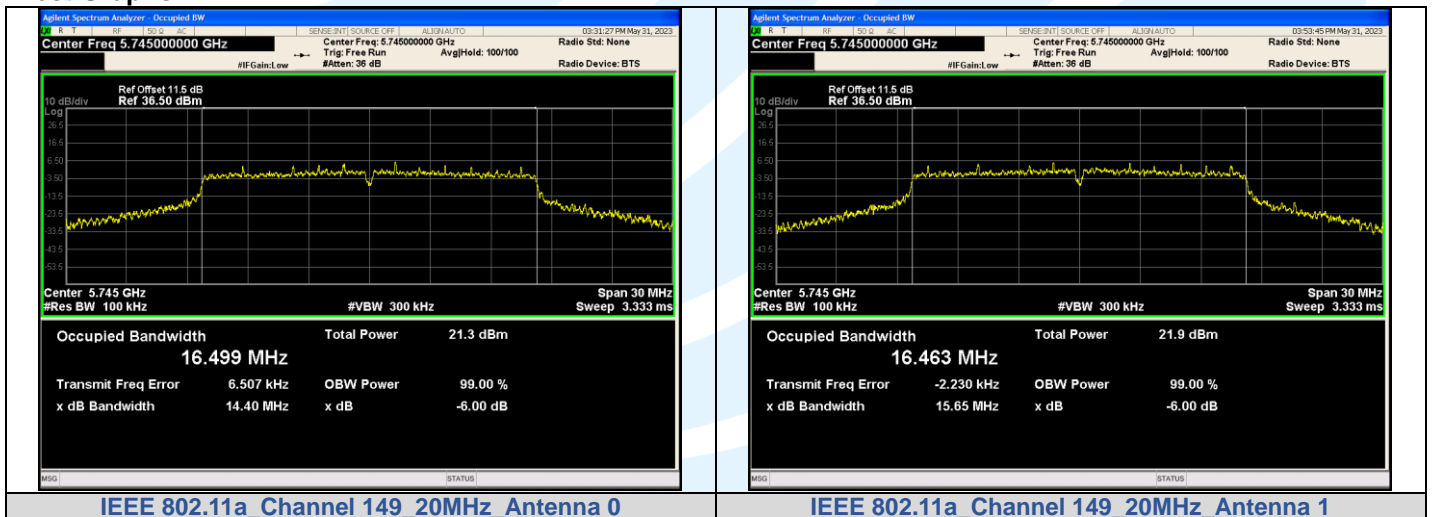
IEEE 802.11ac\_Channel 122\_80MHz\_Antenna 1

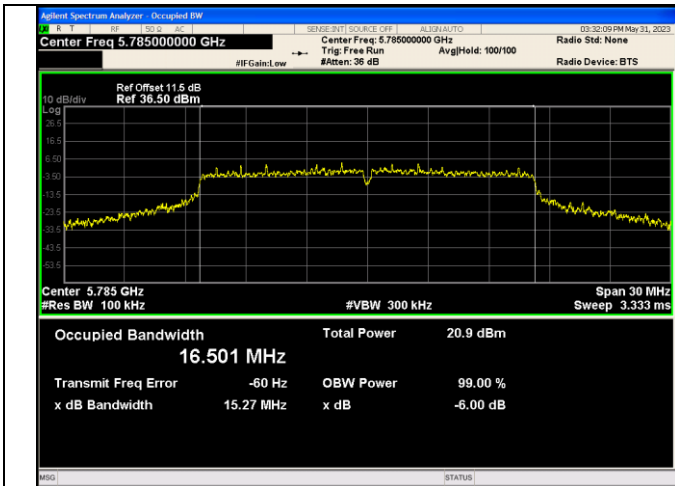
## A.2 6DB BANDWIDTH

For U-NII-3 band

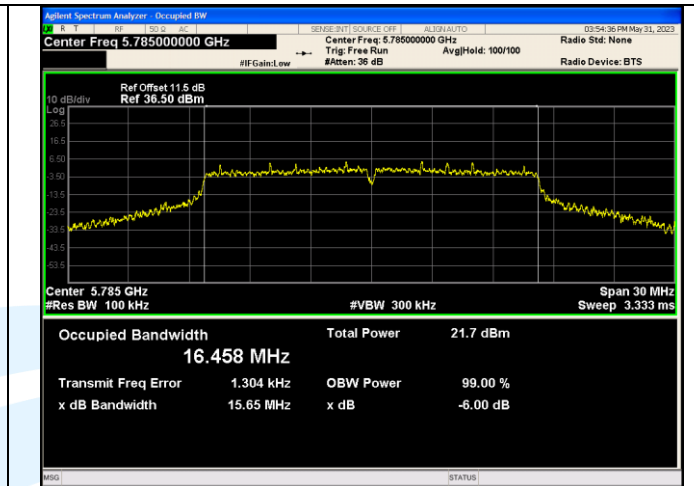
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	0	5745	14.40	0.5	PASS
		1	5745	15.65		PASS
	157	0	5785	15.27		PASS
		1	5785	15.65		PASS
	165	0	5825	15.31		PASS
		1	5825	16.27		PASS
IEEE 802.11n_20	149	0	5745	14.99		PASS
		1	5745	16.81		PASS
	157	0	5785	15.99		PASS
		1	5785	16.53		PASS
	165	0	5825	17.56		PASS
		1	5825	16.90		PASS
IEEE 802.11n_40	151	0	5755	35.98		PASS
		1	5755	35.06		PASS
	159	0	5795	35.69		PASS
		1	5795	35.32		PASS
IEEE 802.11ac_20	149	0	5745	15.51		PASS
		1	5745	17.54		PASS
	157	0	5785	16.52	PASS	
		1	5785	15.66	PASS	
	165	0	5825	16.77	PASS	
		1	5825	15.03	PASS	
IEEE 802.11ac_40	151	0	5755	35.90	PASS	
		1	5755	36.31	PASS	
	159	0	5795	36.28	PASS	
		1	5795	35.06	PASS	
IEEE 802.11ac_80	155	0	5775	75.08	PASS	
		1	5775	73.84	PASS	

### Test Graphs

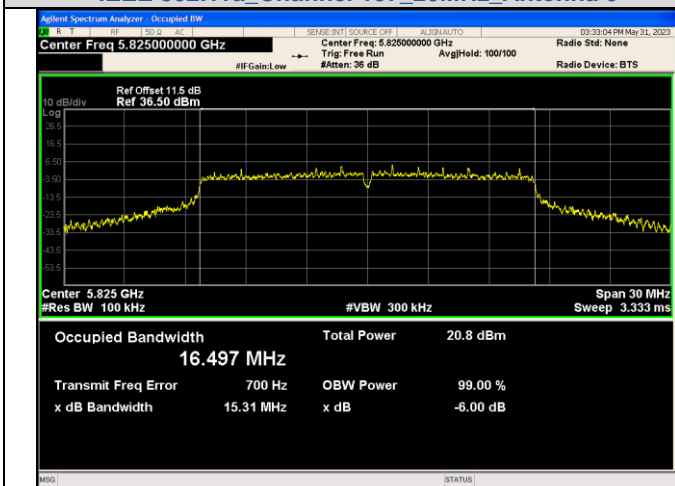




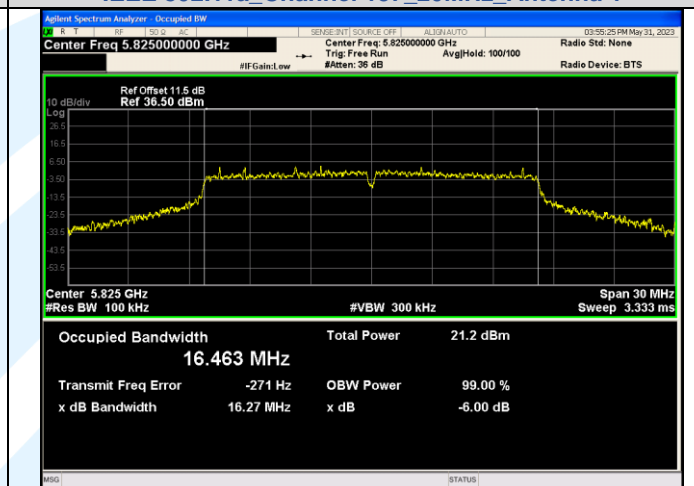
IEEE 802.11a\_Channel 157\_20MHz\_Antenna 0



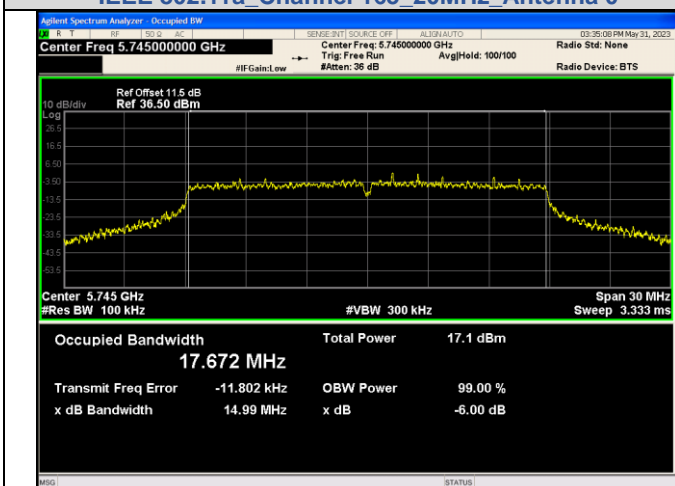
IEEE 802.11a\_Channel 157\_20MHz\_Antenna 1



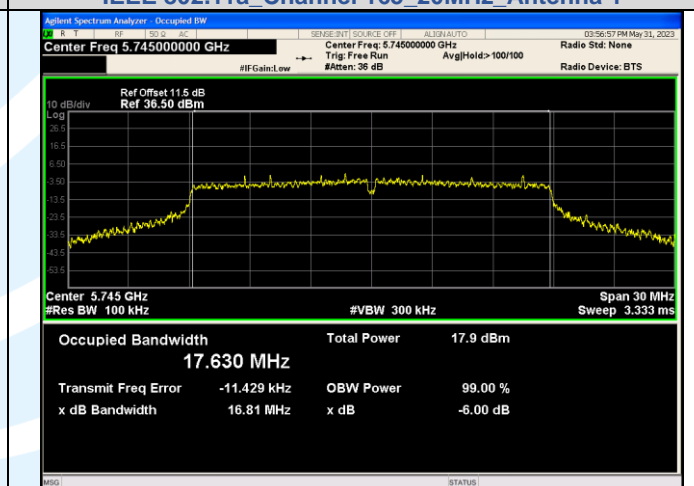
IEEE 802.11a\_Channel 165\_20MHz\_Antenna 0



IEEE 802.11a\_Channel 165\_20MHz\_Antenna 1



IEEE 802.11n\_Channel 149\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 149\_20MHz\_Antenna 1