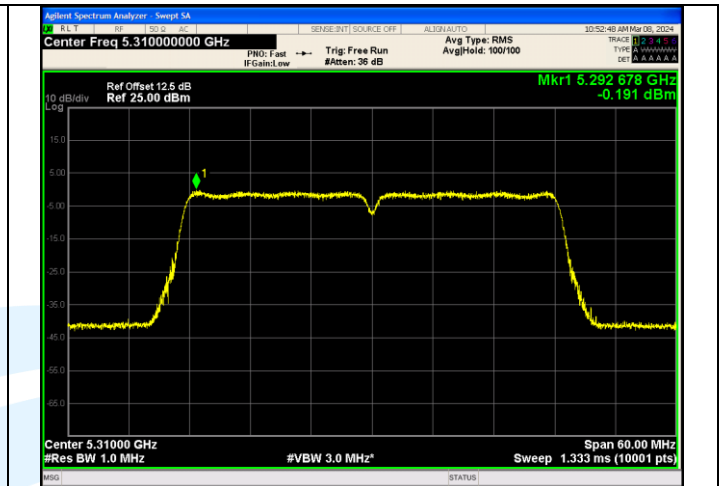
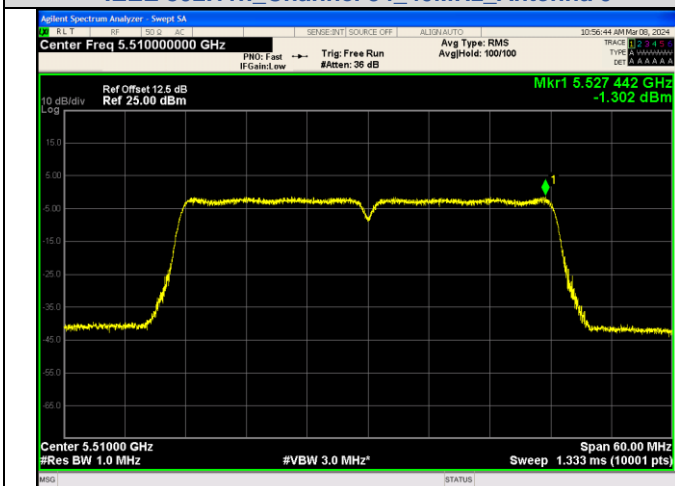


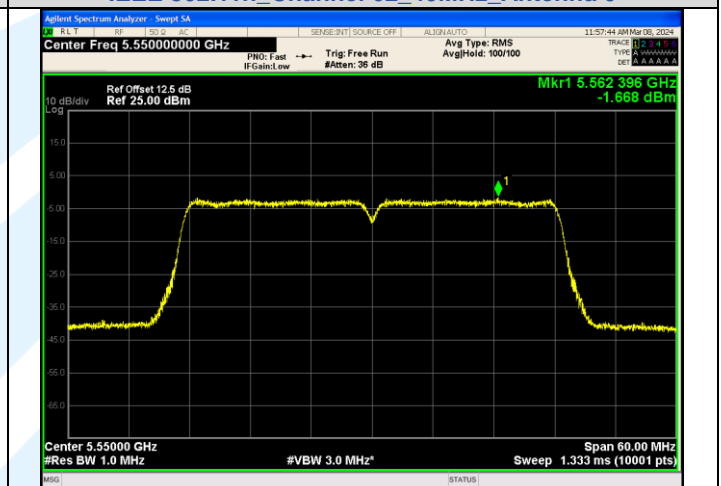
IEEE 802.11n\_Channel 54\_40MHz\_Antenna 0



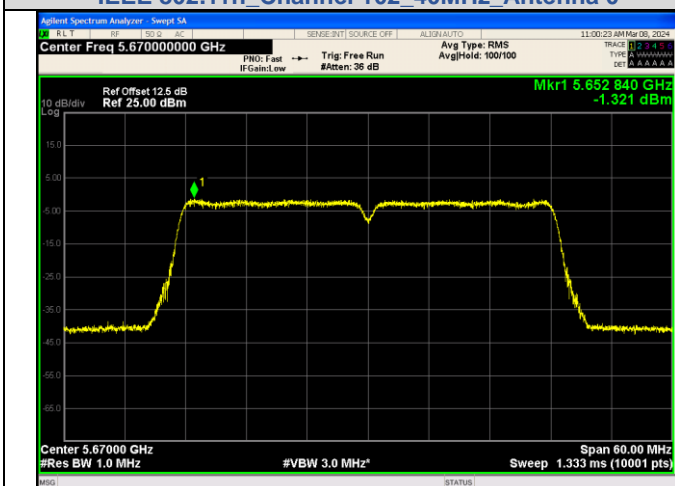
IEEE 802.11n\_Channel 62\_40MHz\_Antenna 0



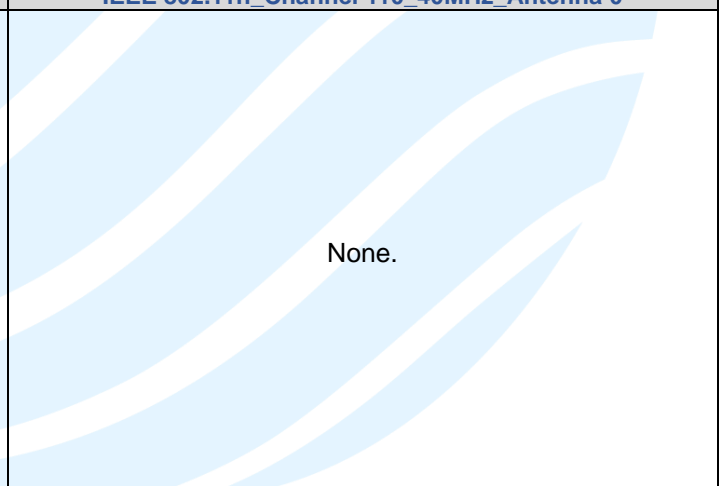
IEEE 802.11n\_Channel 102\_40MHz\_Antenna 0

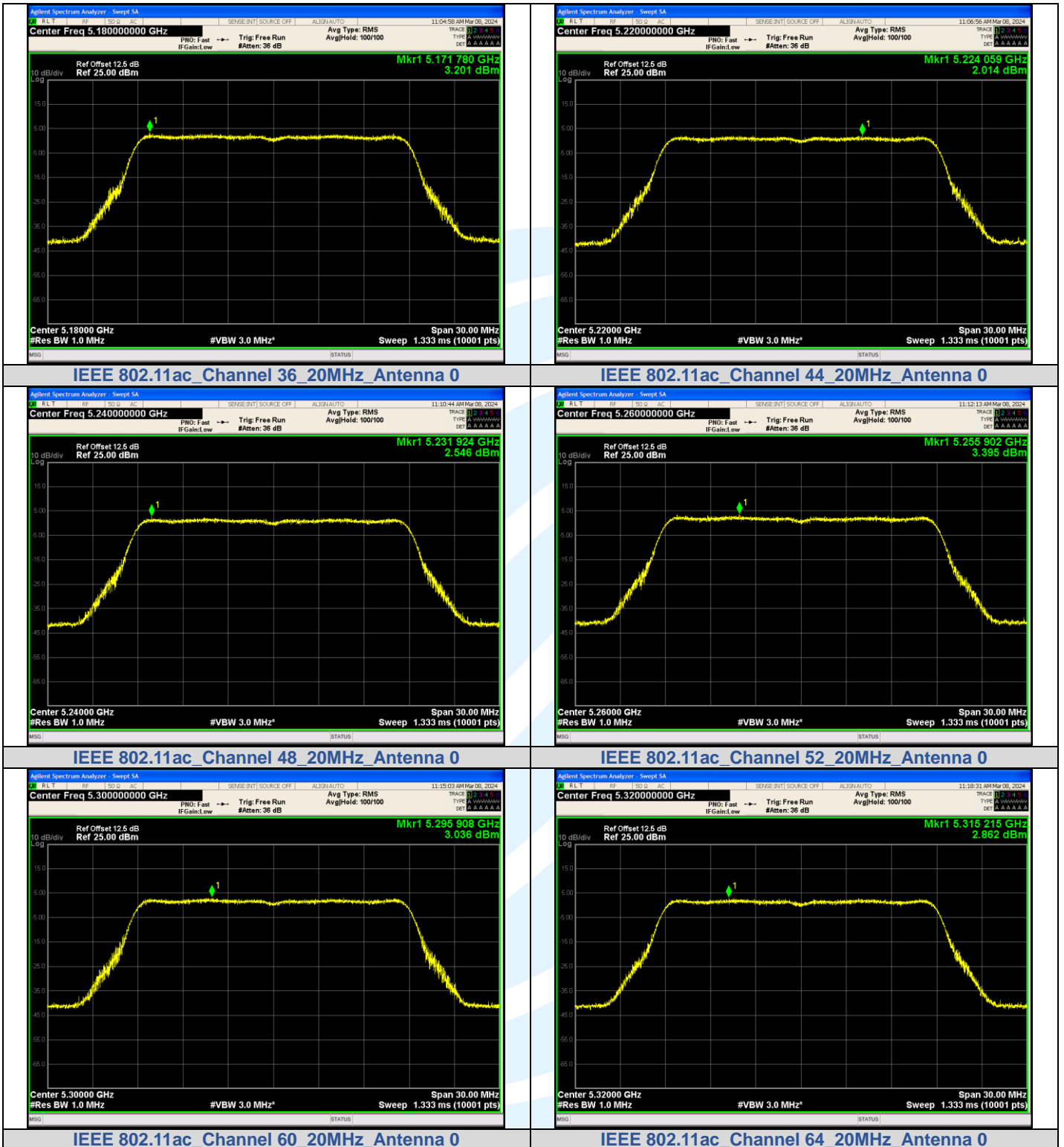


IEEE 802.11n\_Channel 110\_40MHz\_Antenna 0



IEEE 802.11n\_Channel 134\_40MHz\_Antenna 0





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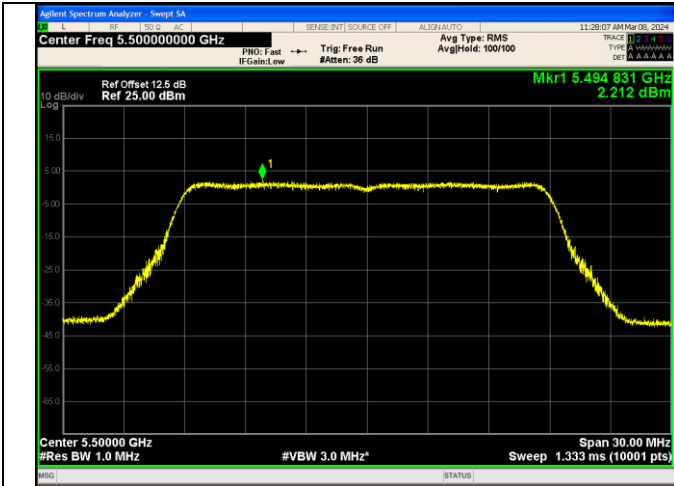
Tel: +86-755-28230888

Fax: +86-755-28230886

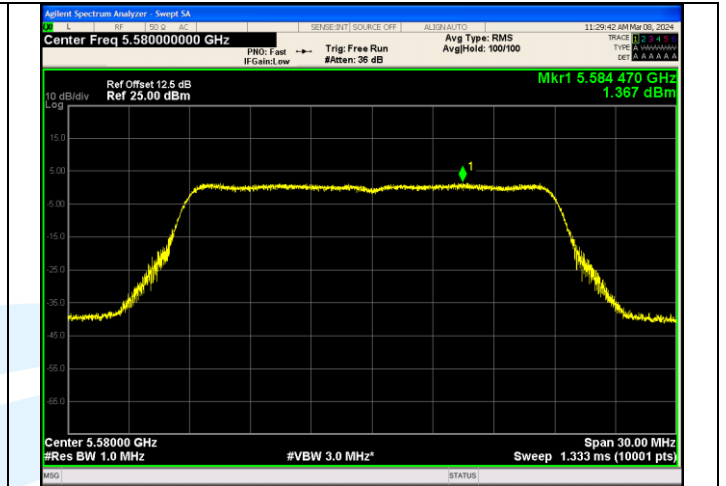
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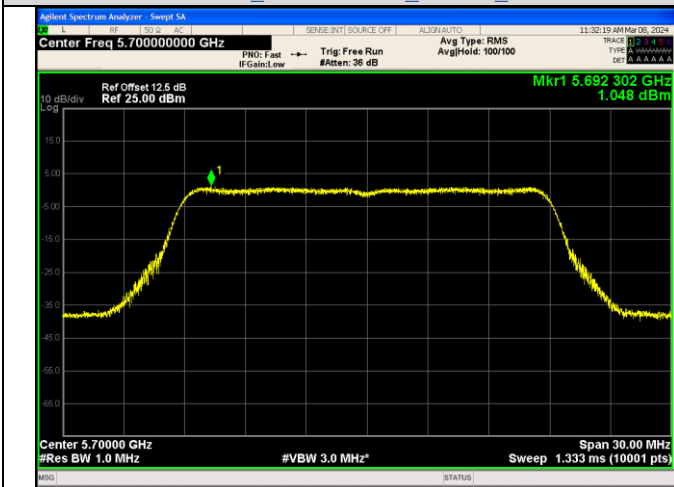
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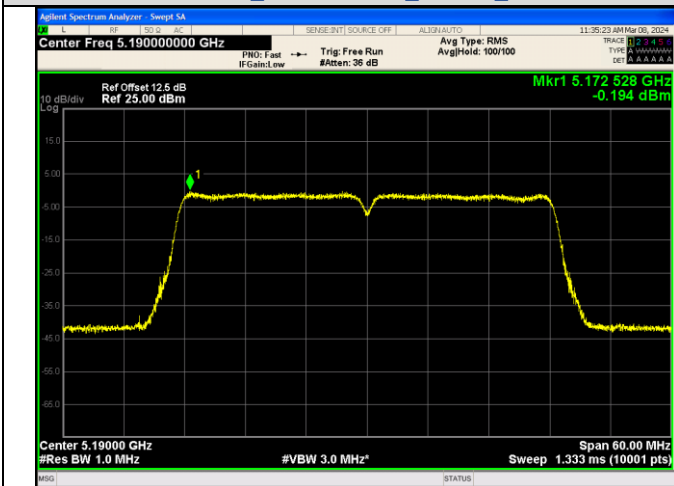
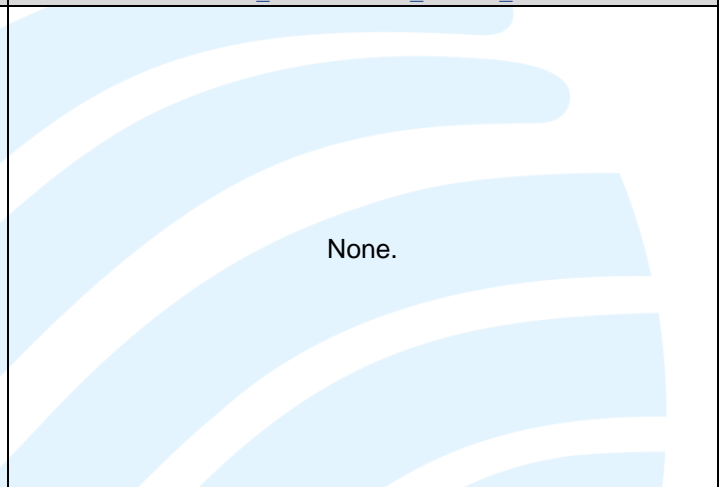
IEEE 802.11ac\_Channel 100\_20MHz\_Antenna 0



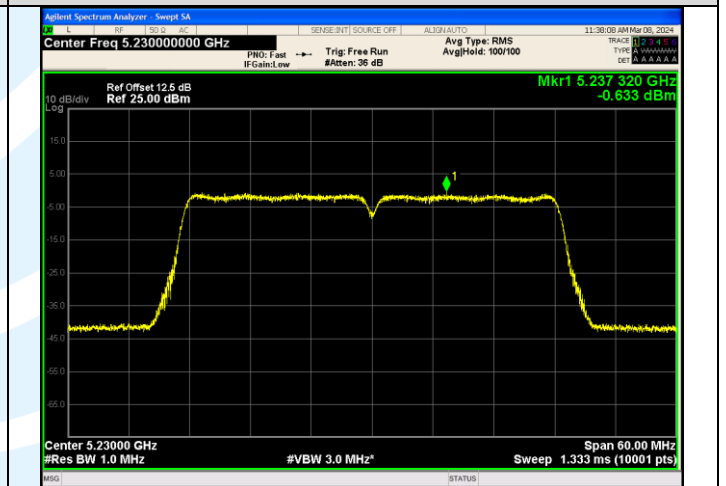
IEEE 802.11ac\_Channel 116\_20MHz\_Antenna 0



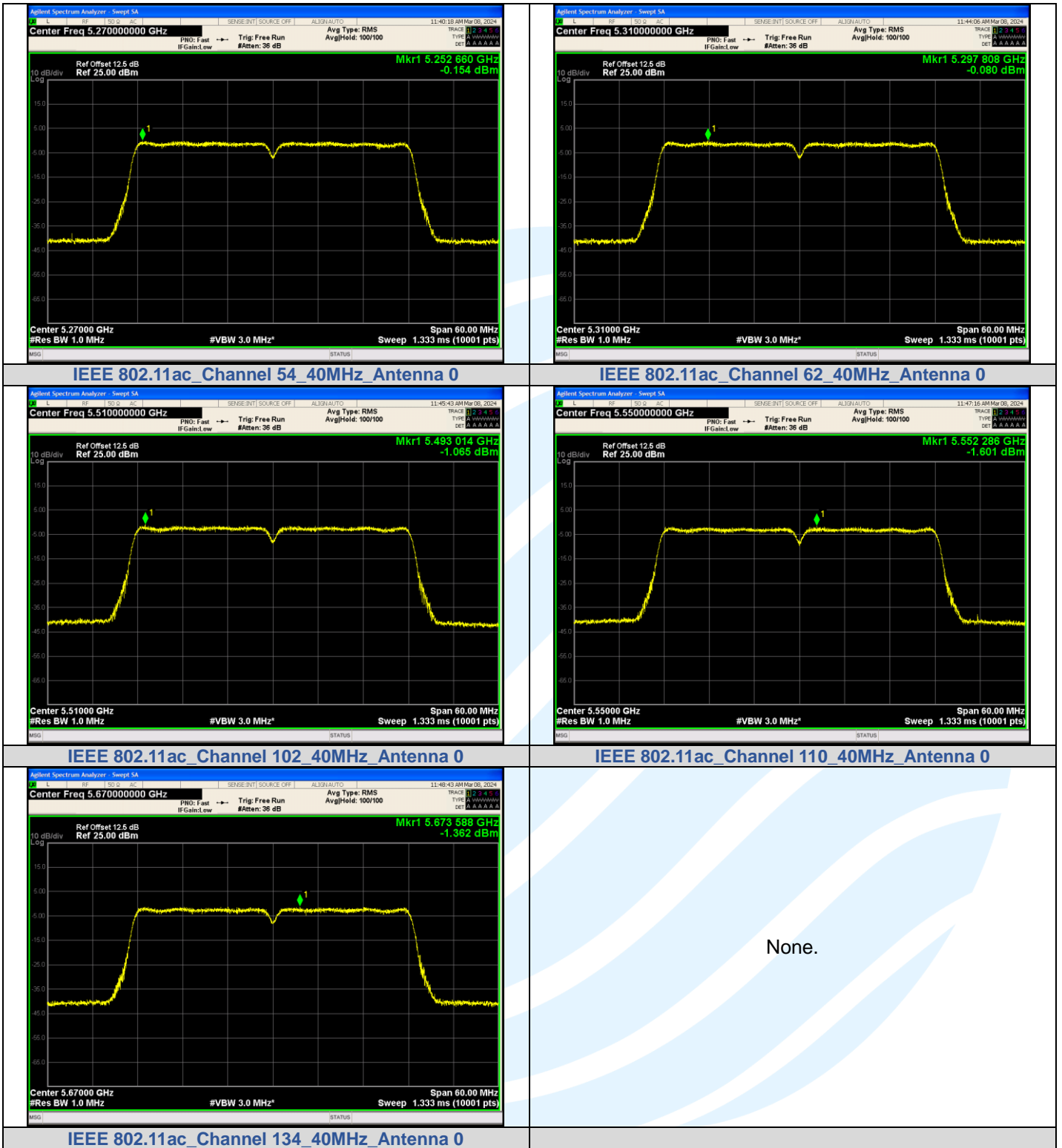
IEEE 802.11ac\_Channel 140\_20MHz\_Antenna 0



IEEE 802.11ac\_Channel 38\_40MHz\_Antenna 0



IEEE 802.11ac\_Channel 46\_40MHz\_Antenna 0



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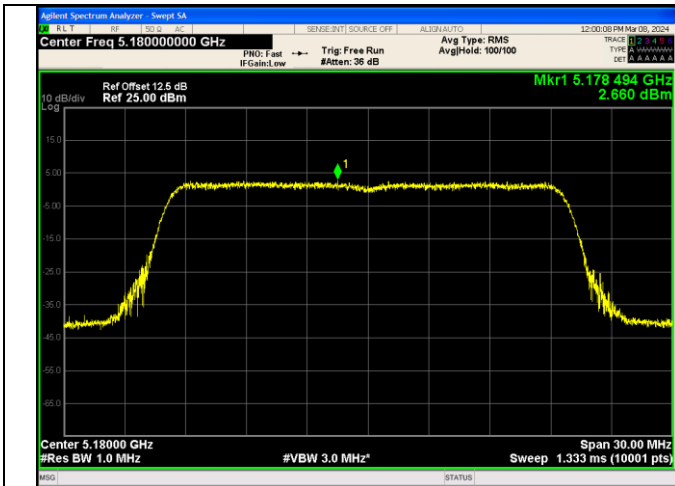
Tel: +86-755-28230888

Fax: +86-755-28230886

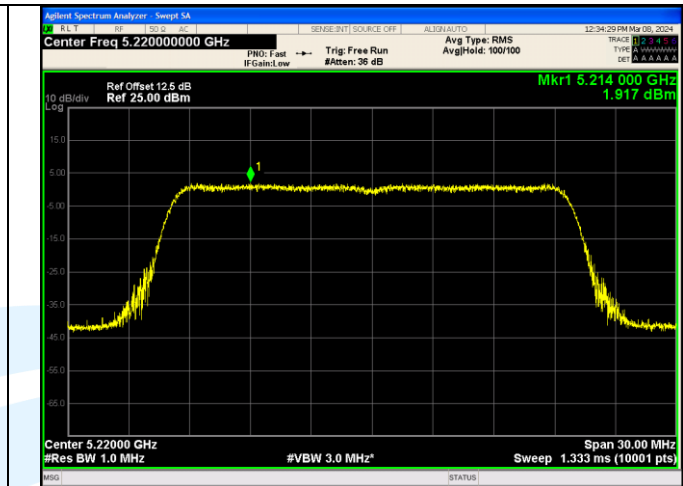
E-mail: info@uttlab.com

<http://www.uttlab.com>

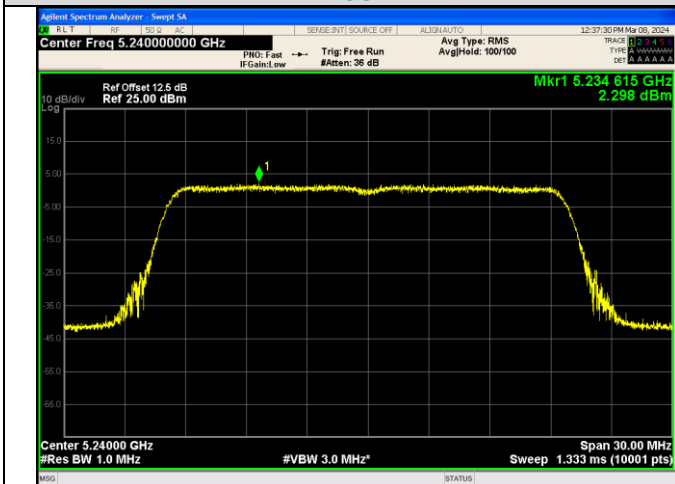
UTTR-RF-RSS247-V1.1



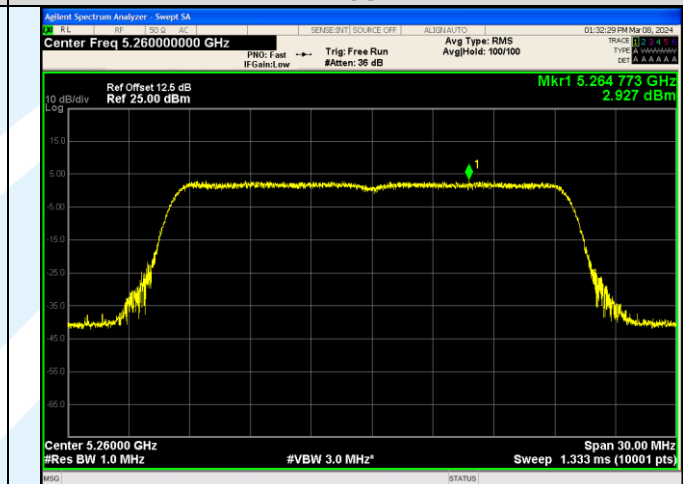
IEEE 802.11ax\_Channel 36\_20MHz\_Antenna 0\_RU&Index SU



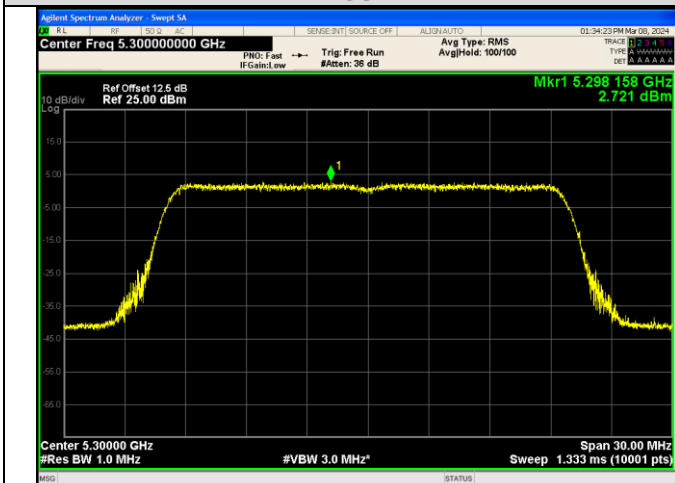
IEEE 802.11ax\_Channel 44\_20MHz\_Antenna 0\_RU&Index SU



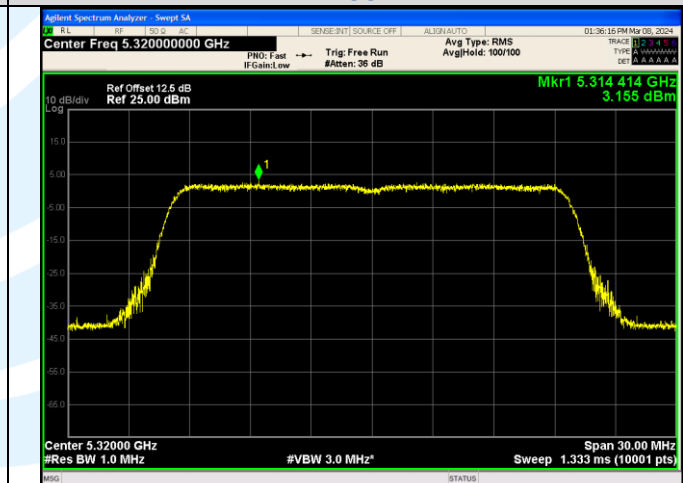
IEEE 802.11ax\_Channel 48\_20MHz\_Antenna 0\_RU&Index SU



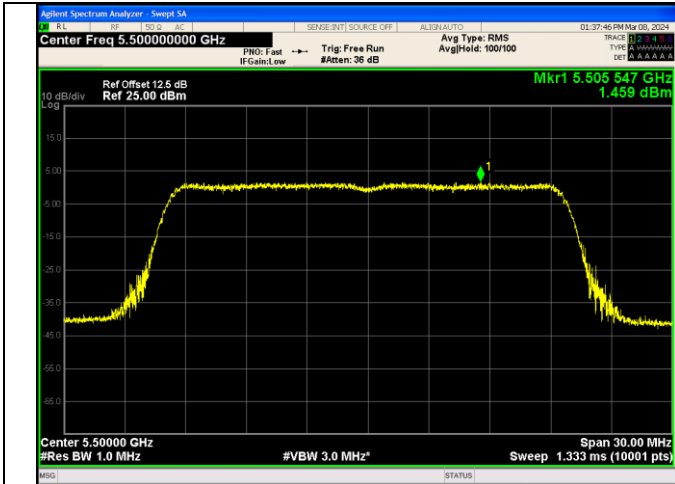
IEEE 802.11ax\_Channel 52\_20MHz\_Antenna 0\_RU&Index SU



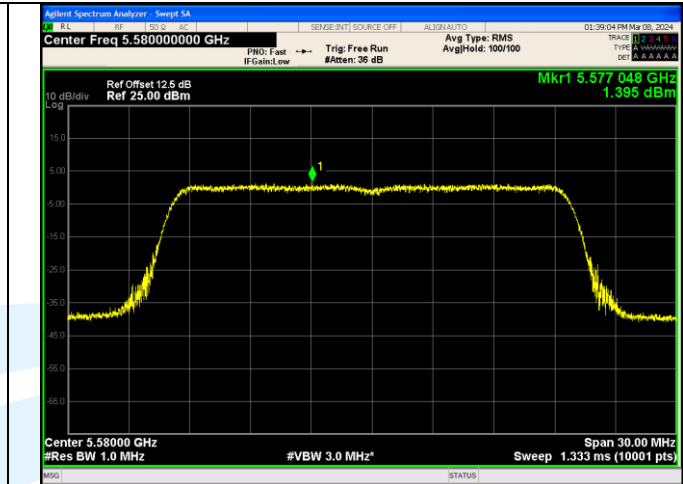
IEEE 802.11ax\_Channel 60\_20MHz\_Antenna 0\_RU&Index SU



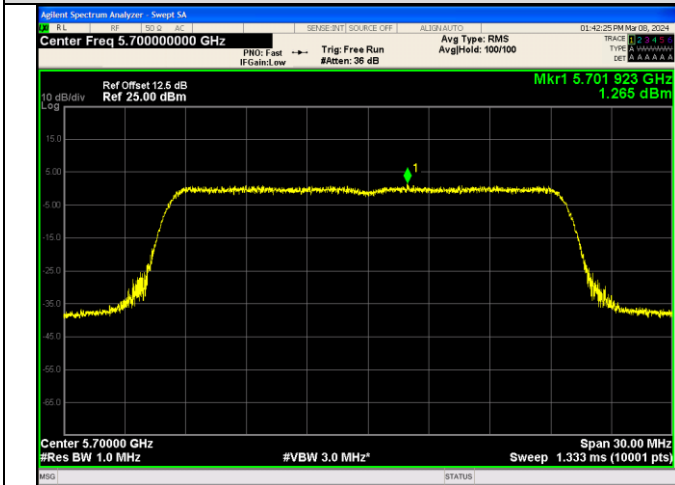
IEEE 802.11ax\_Channel 64\_20MHz\_Antenna 0\_RU&Index SU



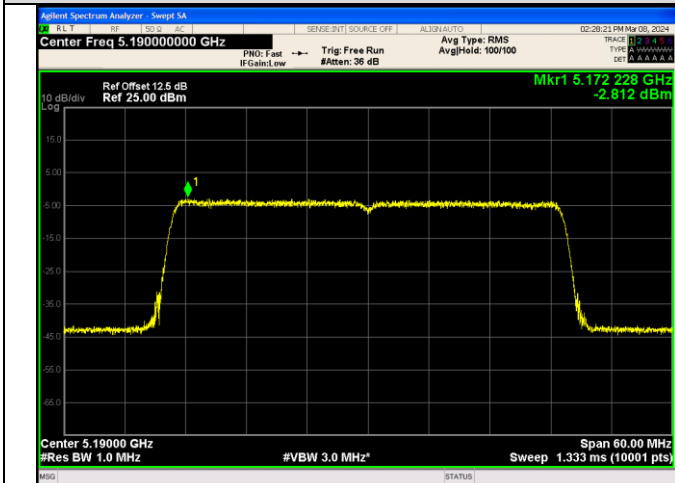
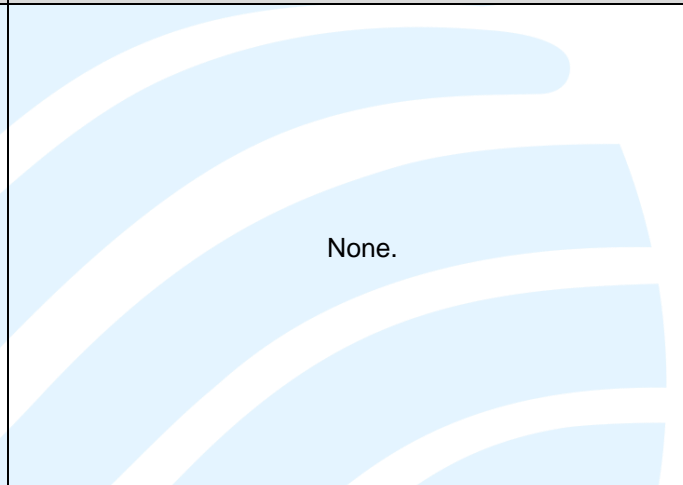
IEEE 802.11ax\_Channel 100\_20MHz\_Antenna 0\_RU&Index SU



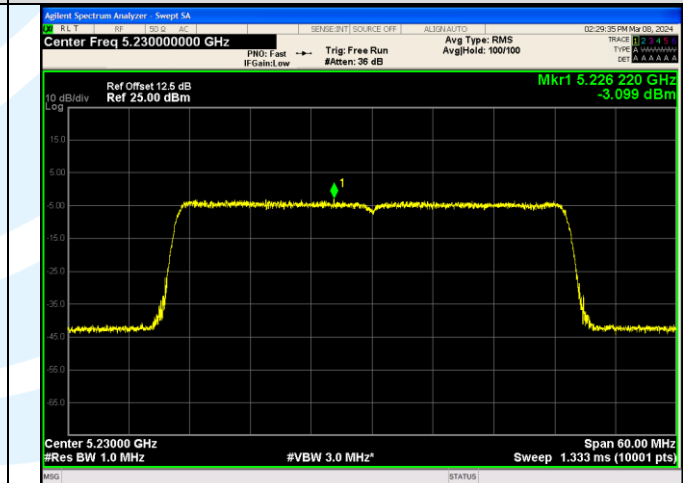
IEEE 802.11ax\_Channel 116\_20MHz\_Antenna 0\_RU&Index SU



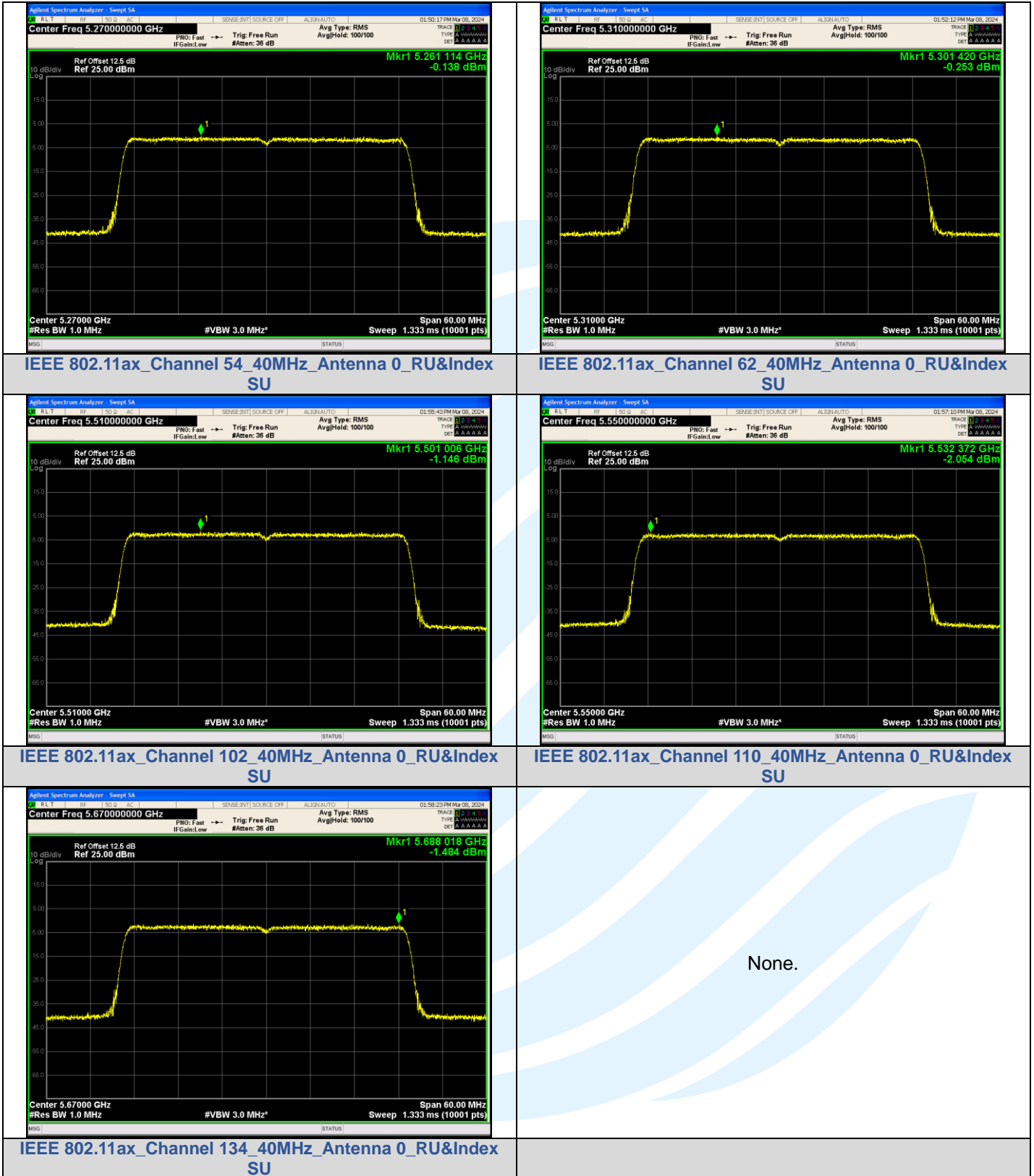
IEEE 802.11ax\_Channel 140\_20MHz\_Antenna 0\_RU&Index SU

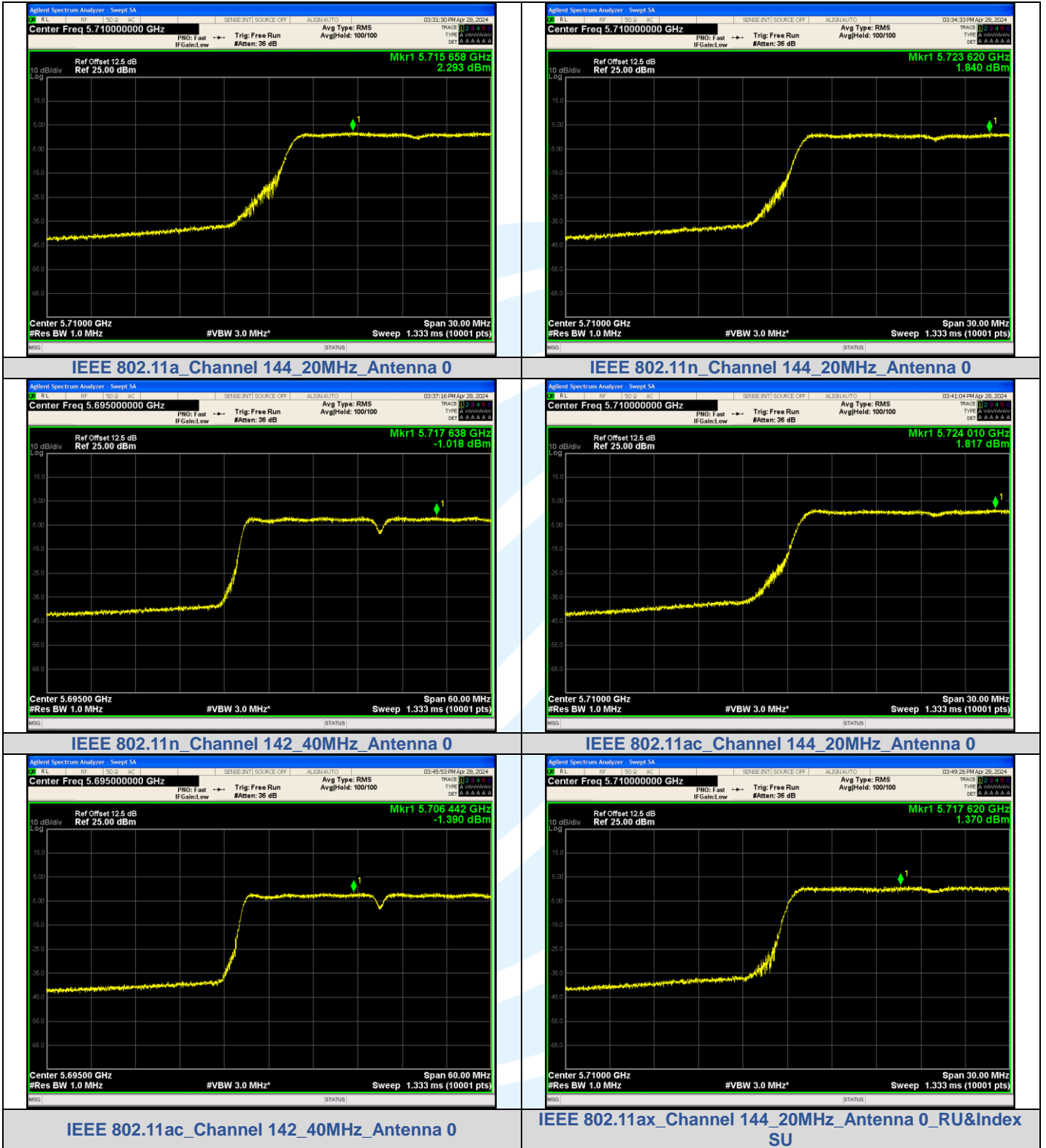


IEEE 802.11ax\_Channel 38\_40MHz\_Antenna 0\_RU&Index SU



IEEE 802.11ax\_Channel 46\_40MHz\_Antenna 0\_RU&Index SU





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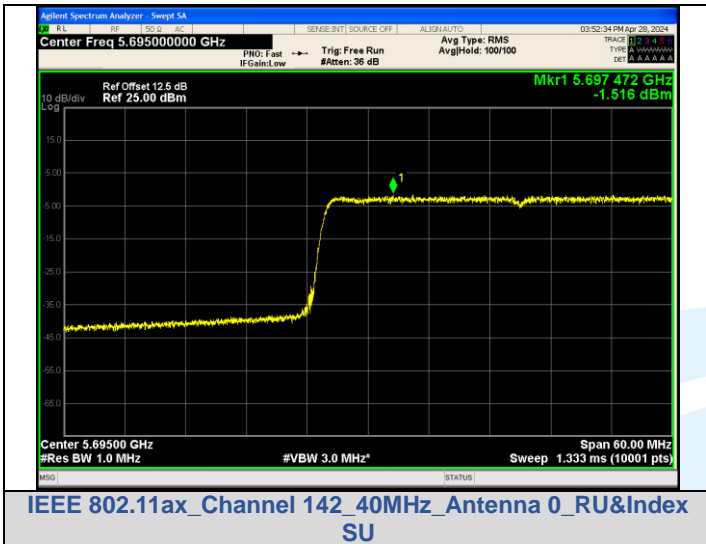
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**For U-NII-3 band**

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result	
IEEE 802.11a	149	N/A	-1.227	-1.107	30	PASS	
	157		-1.302	-1.182		PASS	
	165		-1.699	-1.579		PASS	
IEEE 802.11n_20	149		-1.446	-1.306		PASS	
	157		-1.515	-1.375		PASS	
	165		-1.666	-1.526		PASS	
IEEE 802.11n_40	151		-4.531	-4.321		PASS	
	159		-4.811	-4.601		PASS	
IEEE 802.11ac_20	149		-1.494	-1.374		PASS	
	157		-1.349	-1.229		PASS	
	165		-1.727	-1.607		PASS	
IEEE 802.11ac_40	151		-4.403	-4.283		PASS	
	159		-4.703	-4.583		PASS	
IEEE 802.11ax_20	149		SU	-1.597		-1.437	PASS
	157			-1.513		-1.353	PASS
	165	-2.043		-1.883	PASS		
IEEE 802.11ax_40	151	-4.665		-4.495	PASS		
	159	-4.845		-4.675	PASS		

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	144	N/A	-1.137	-1.017	30	PASS
IEEE 802.11n_20	144		-1.490	-1.350		PASS
IEEE 802.11n_40	142		-4.432	-4.222		PASS
IEEE 802.11ac_20	144		-1.342	-1.222		PASS
IEEE 802.11ac_40	142		-4.462	-4.342		PASS
IEEE 802.11ax_20	144		SU	-1.691		-1.531
IEEE 802.11ax_40	142	-4.826		-4.656	PASS	

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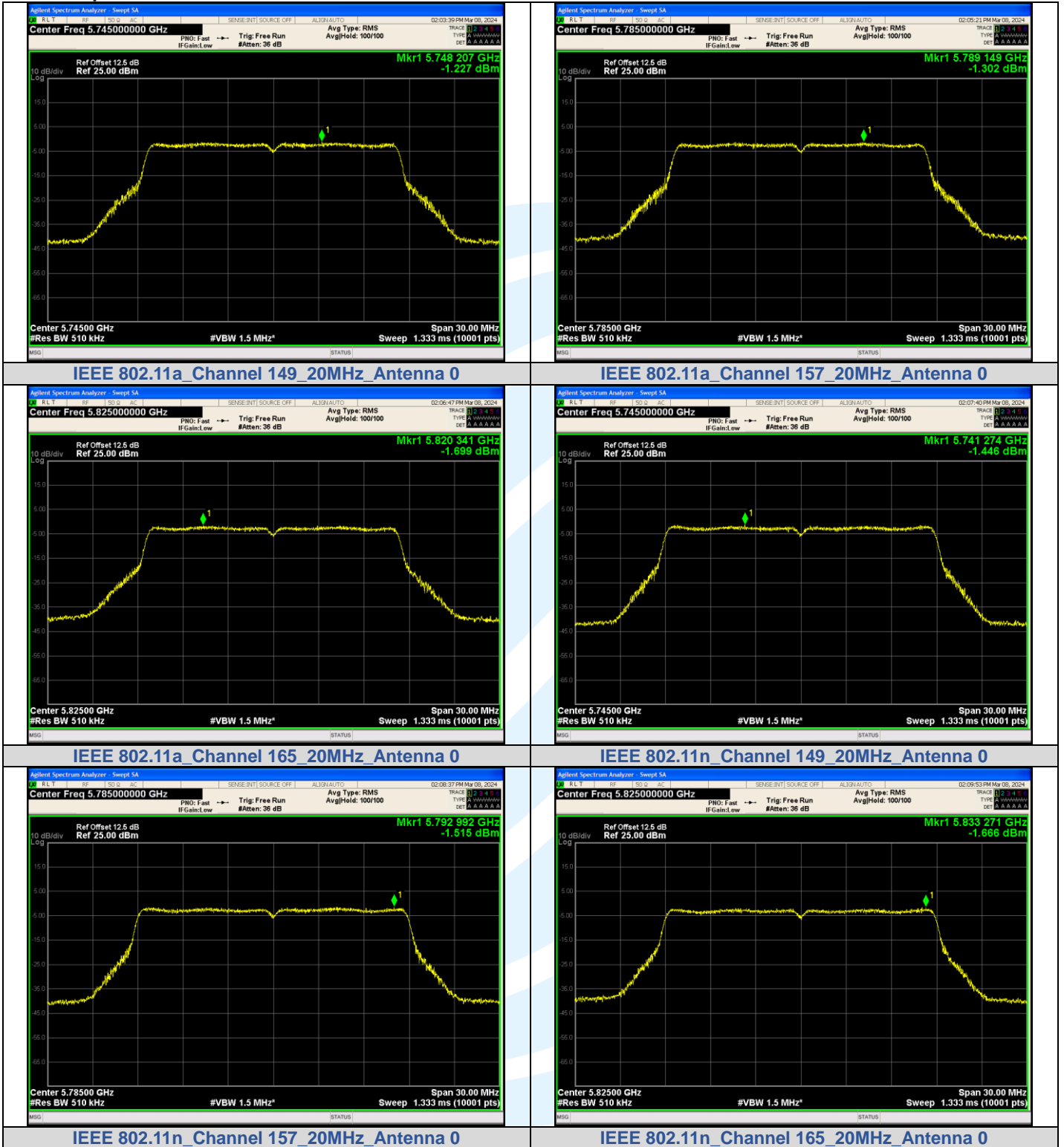
Fax: +86-755-28230886

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<http://www.uttlab.com>

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## Test Graphs



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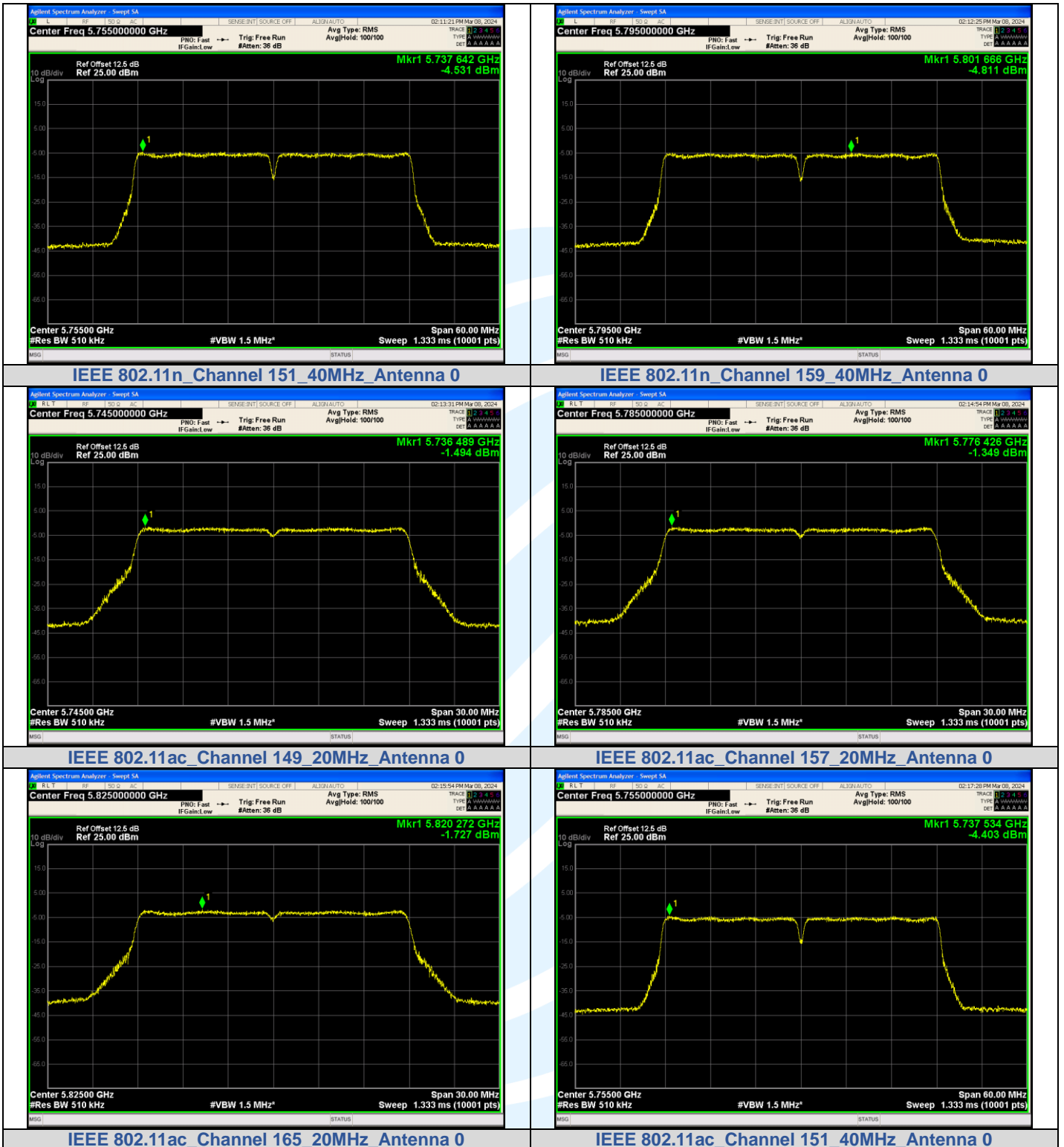
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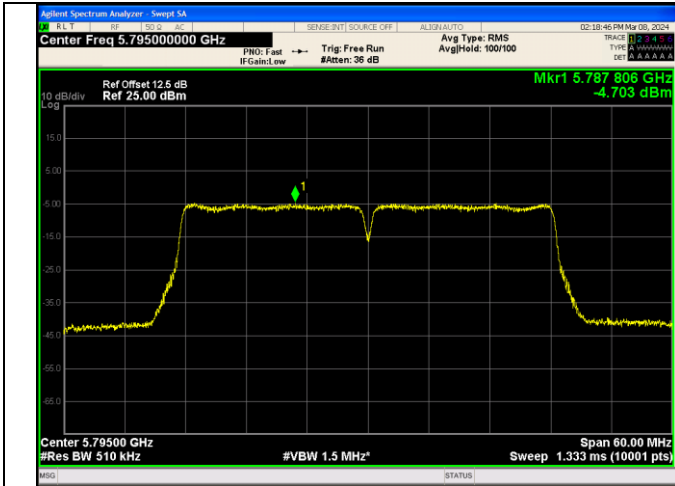
Tel: +86-755-28230888

Fax: +86-755-28230886

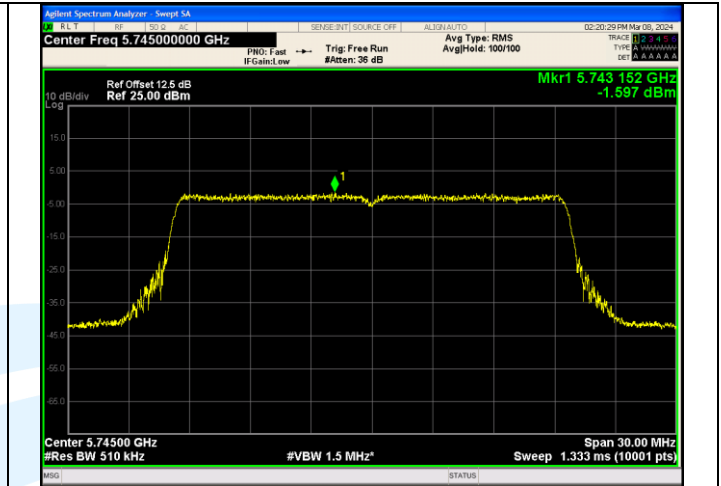
E-mail: info@uttlab.com

<http://www.uttlab.com>

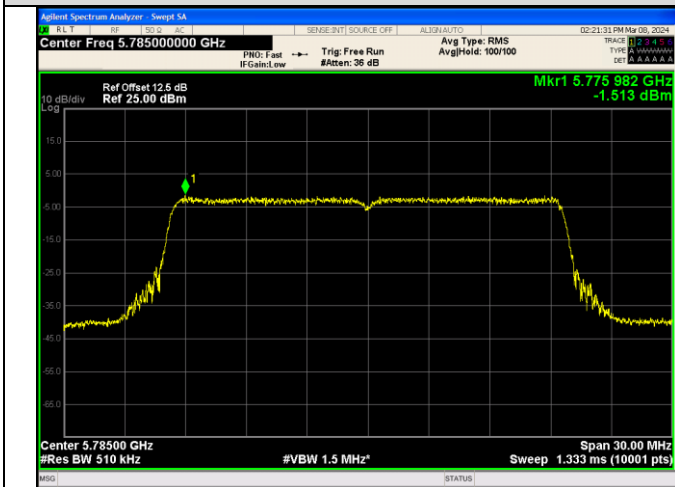
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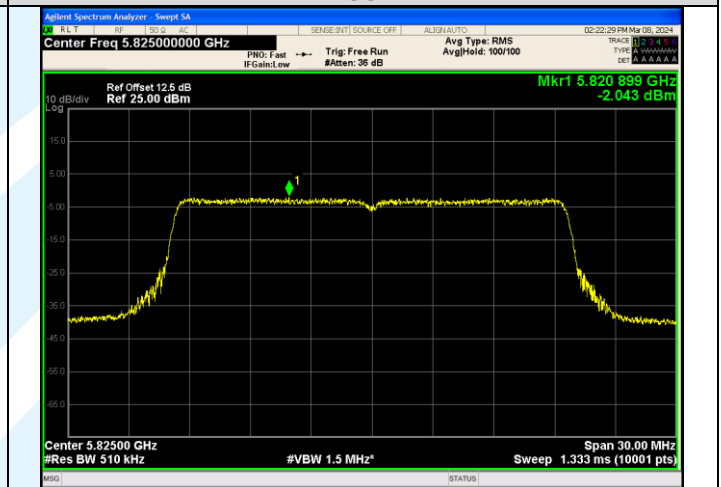
IEEE 802.11ac\_Channel 159\_40MHz\_Antenna 0



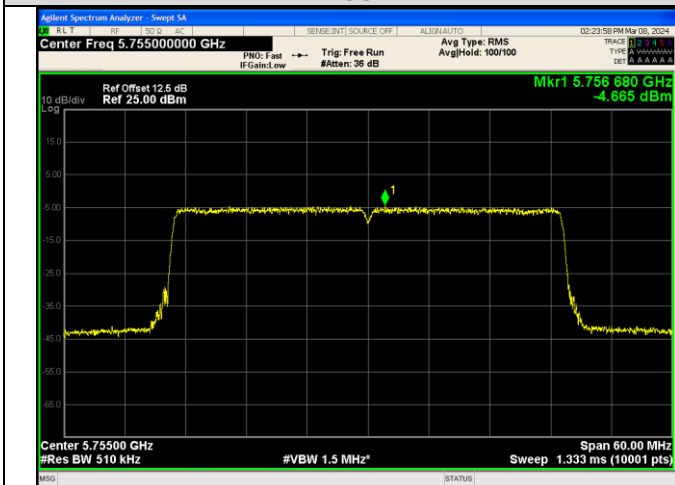
IEEE 802.11ax\_Channel 149\_20MHz\_Antenna 0\_RU&Index SU



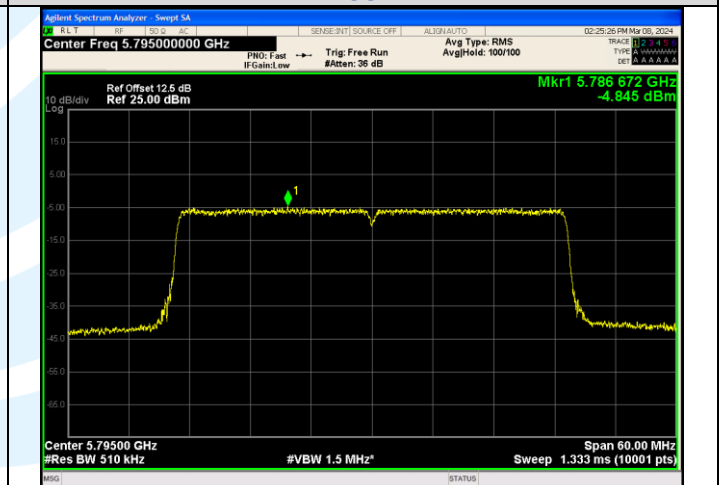
IEEE 802.11ax\_Channel 157\_20MHz\_Antenna 0\_RU&Index SU



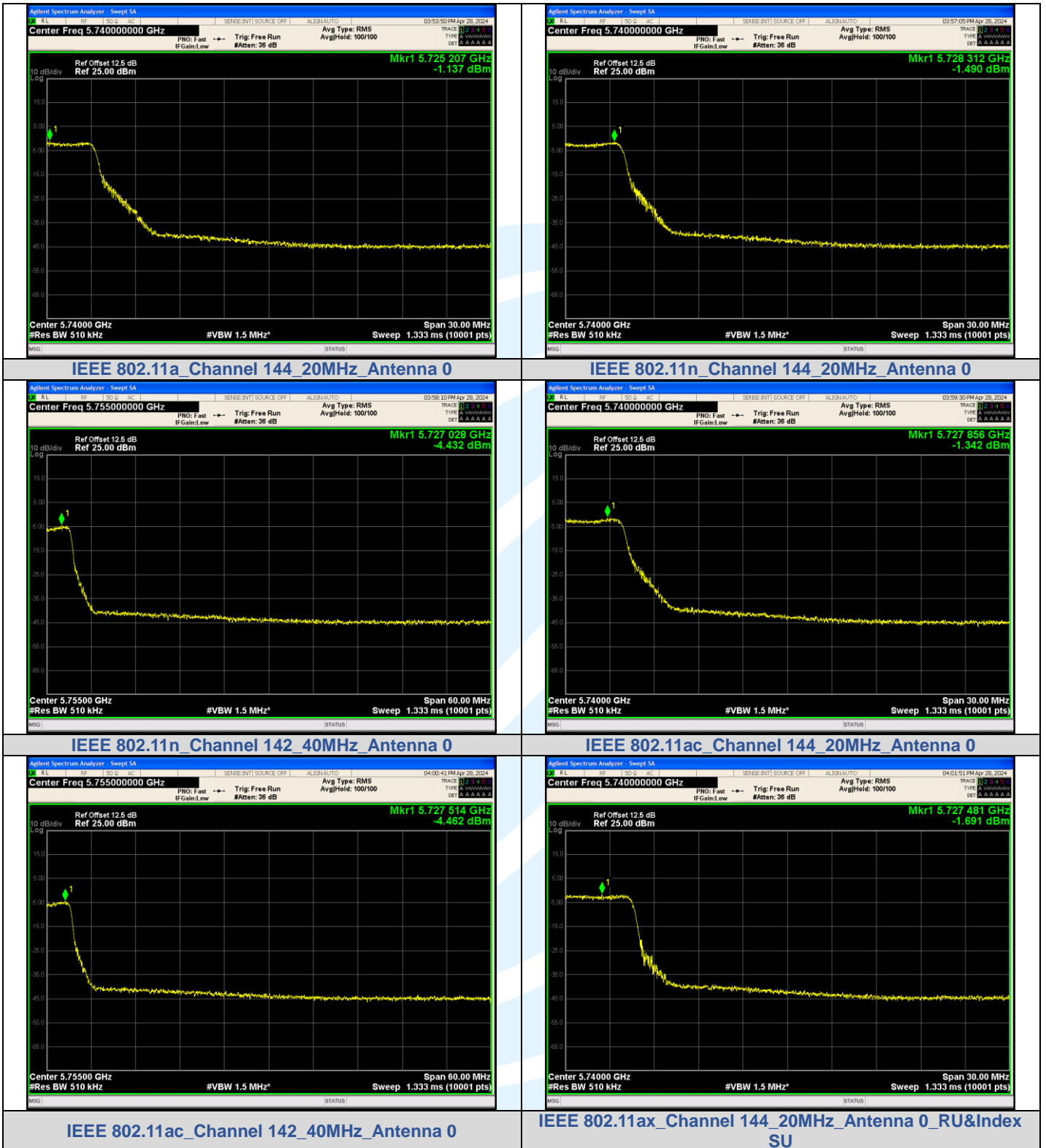
IEEE 802.11ax\_Channel 165\_20MHz\_Antenna 0\_RU&Index SU



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



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



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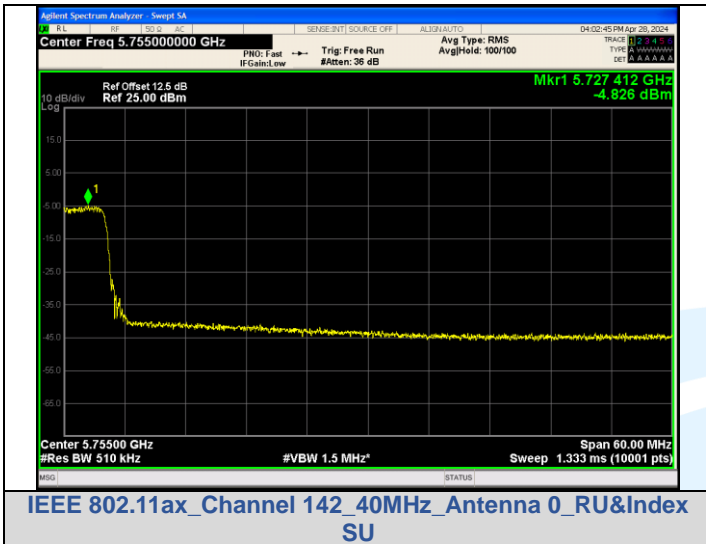
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### A.4 6DB BANDWIDTH

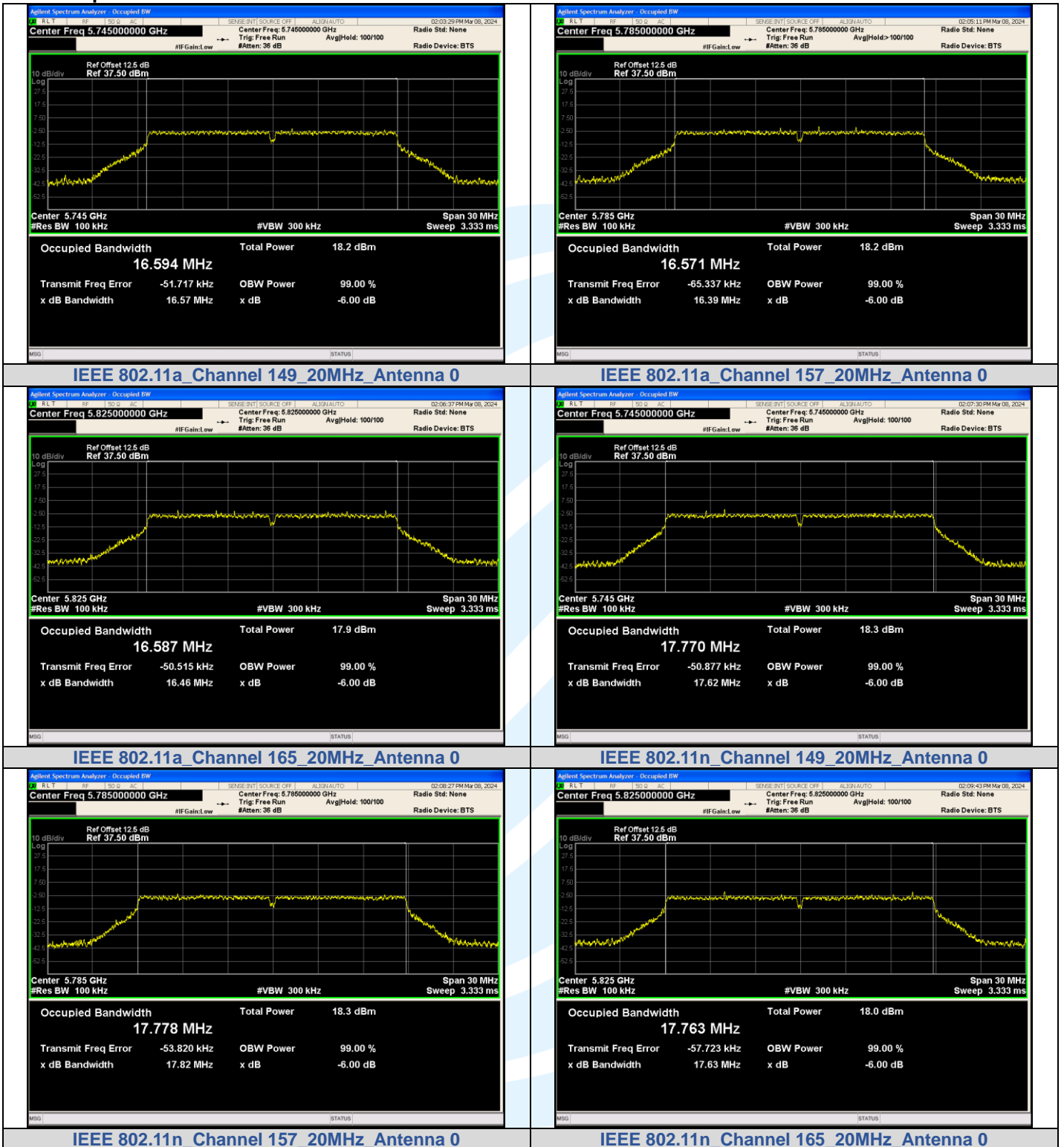
For U-NII-3 band

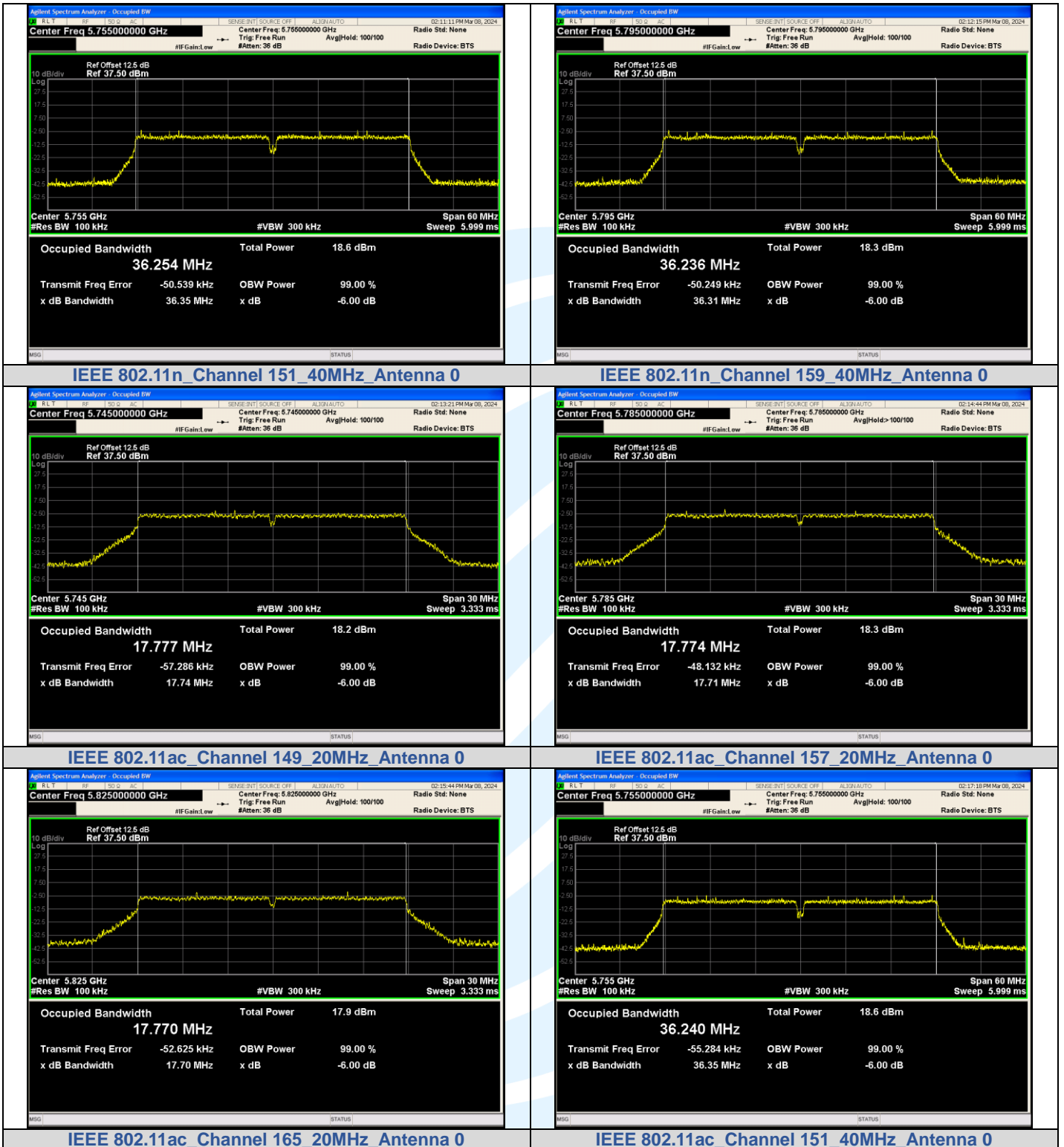
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result	
IEEE 802.11a	149	N/A	0	5745	16.57	0.5	PASS	
	157			5785	16.39		PASS	
	165			5825	16.46		PASS	
IEEE 802.11n_20	149			5745	17.62		PASS	
	157			5785	17.82		PASS	
	165			5825	17.63		PASS	
IEEE 802.11n_40	151			5755	36.35		PASS	
	159			5795	36.31		PASS	
IEEE 802.11ac_20	149			5745	17.74		PASS	
	157			5785	17.71		PASS	
	165			5825	17.70		PASS	
IEEE 802.11ac_40	151			5755	36.35		PASS	
	159			5795	36.49		PASS	
IEEE 802.11ax_20	149			SU	5745		19.14	PASS
	157				5785		19.21	PASS
	165	5825	19.05		PASS			
IEEE 802.11ax_40	151	5755	38.11		PASS			
	159	5795	38.04		PASS			

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	144	N/A	0	5740	3.192	0.5	PASS
IEEE 802.11n_20	144			5740	3.815		PASS
	142			5755	3.242		PASS
IEEE 802.11ac_20	144			5740	3.861		PASS
IEEE 802.11ac_40	142			5755	3.131		PASS
IEEE 802.11ax_20	144			SU	5740		4.517
IEEE 802.11ax_40	142	5755	3.972		PASS		



## Test Graphs





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