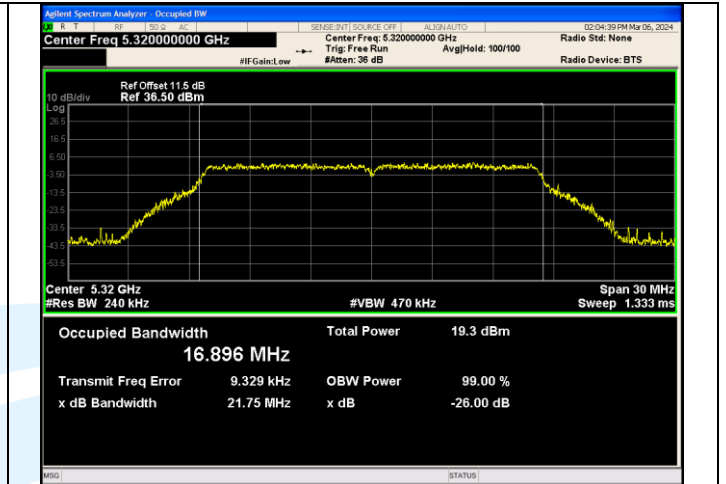
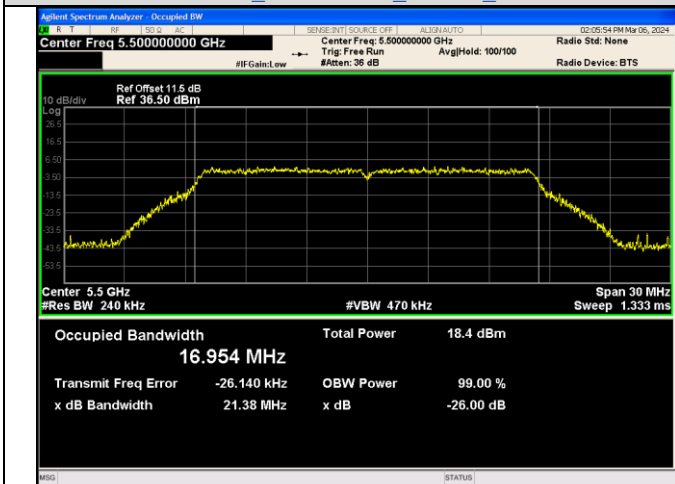


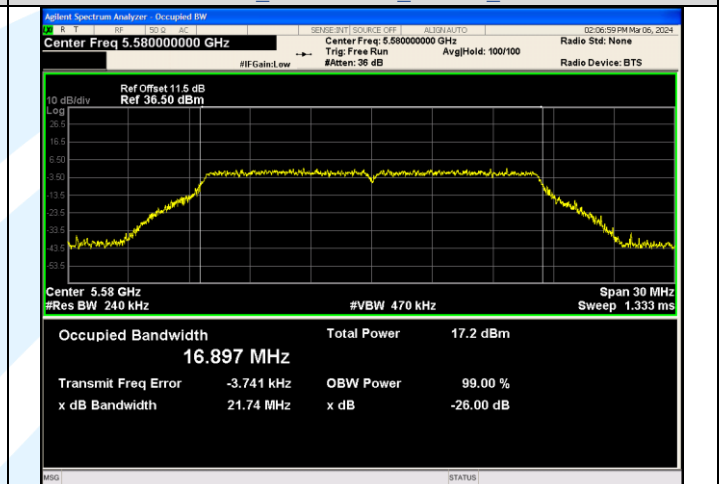
IEEE 802.11a\_Channel 60\_20MHz\_Antenna 0



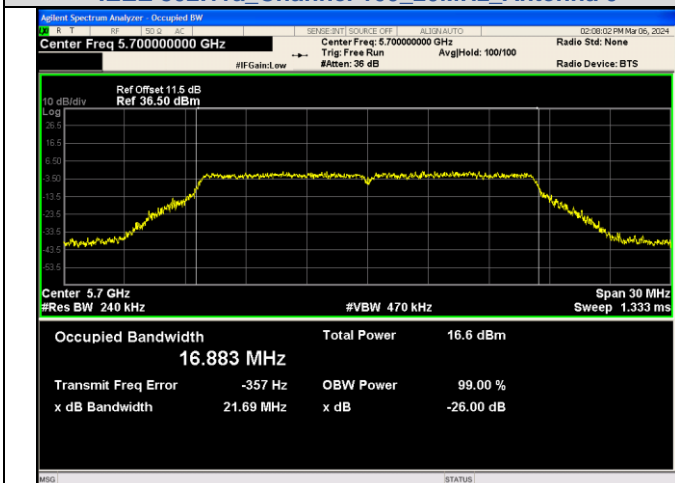
IEEE 802.11a\_Channel 64\_20MHz\_Antenna 0



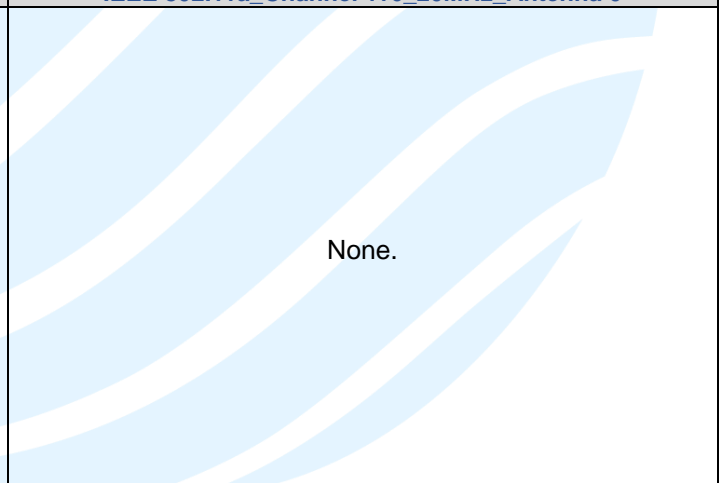
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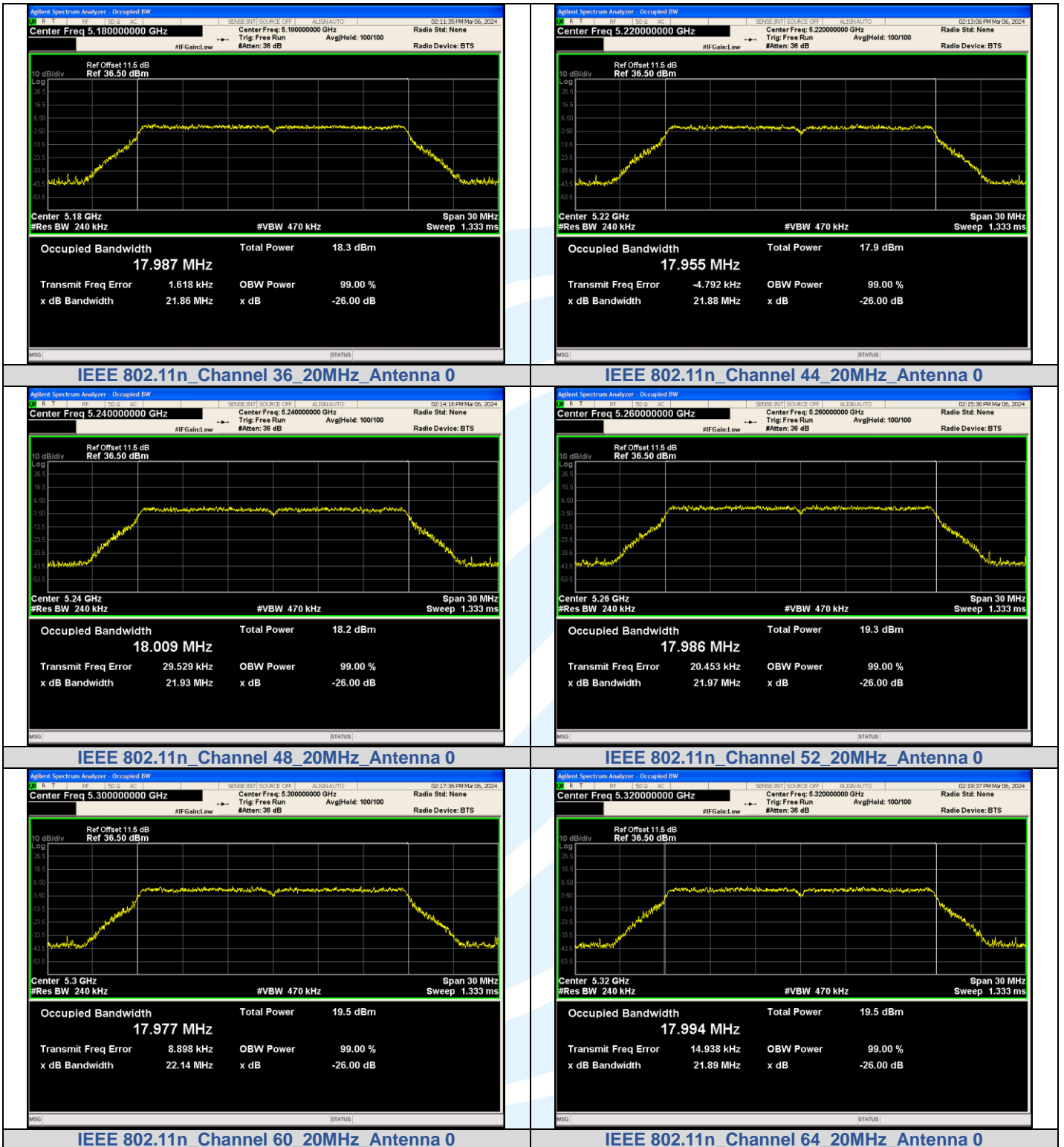


IEEE 802.11a\_Channel 116\_20MHz\_Antenna 0



IEEE 802.11a\_Channel 140\_20MHz\_Antenna 0





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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

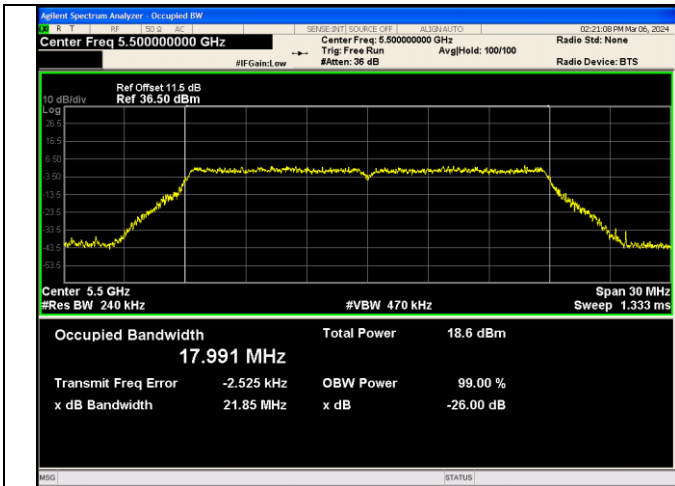
Tel: +86-755-28230888

Fax: +86-755-28230886

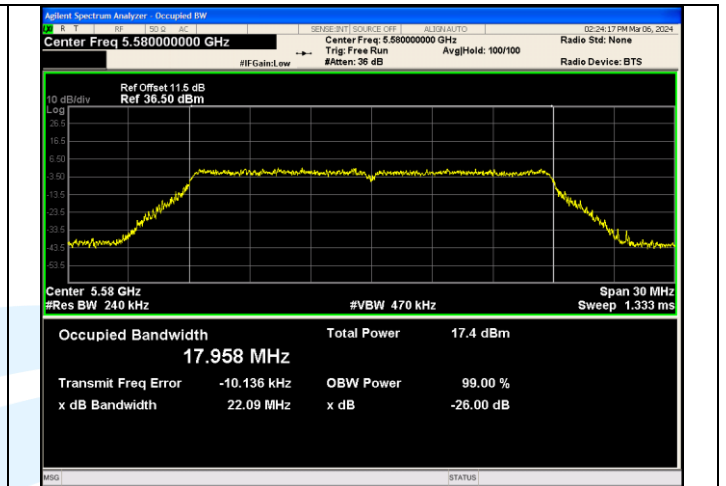
E-mail: info@uttlab.com

<http://www.uttlab.com>

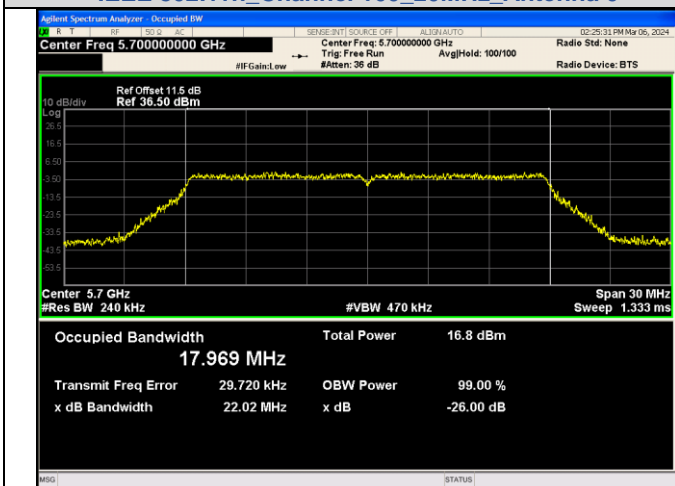
UTTR-RF-RSS247-V1.1



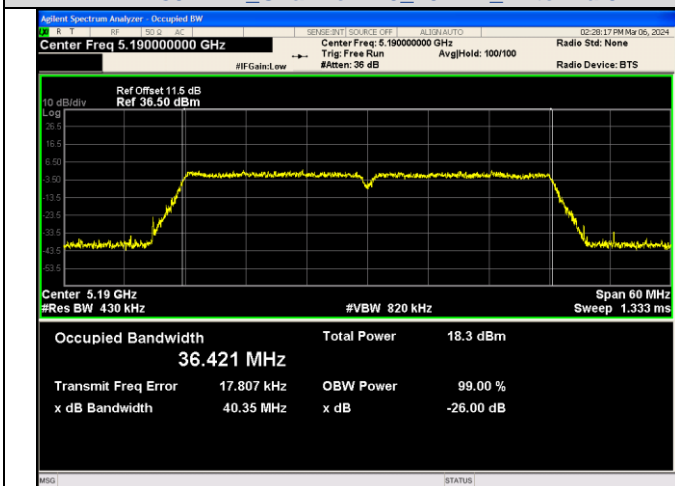
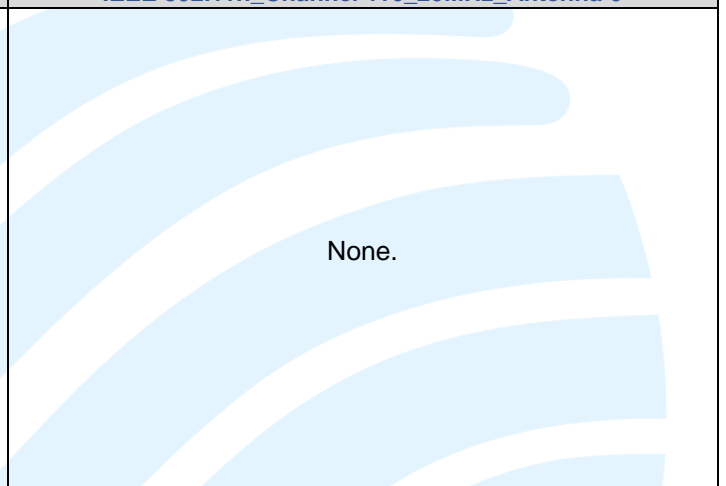
IEEE 802.11n\_Channel 100\_20MHz\_Antenna 0



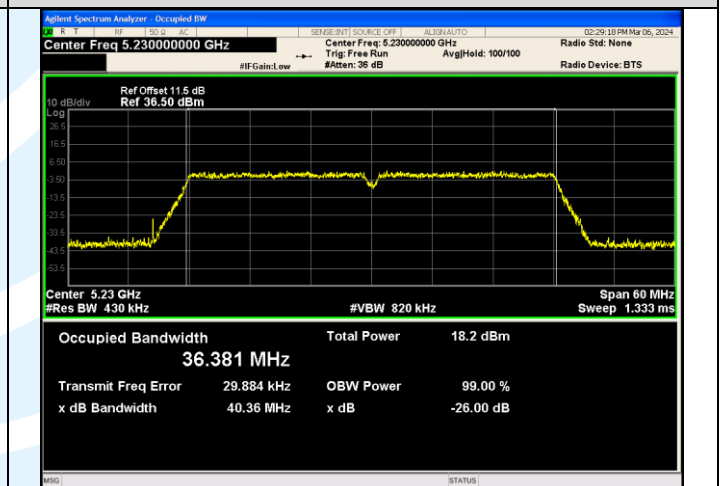
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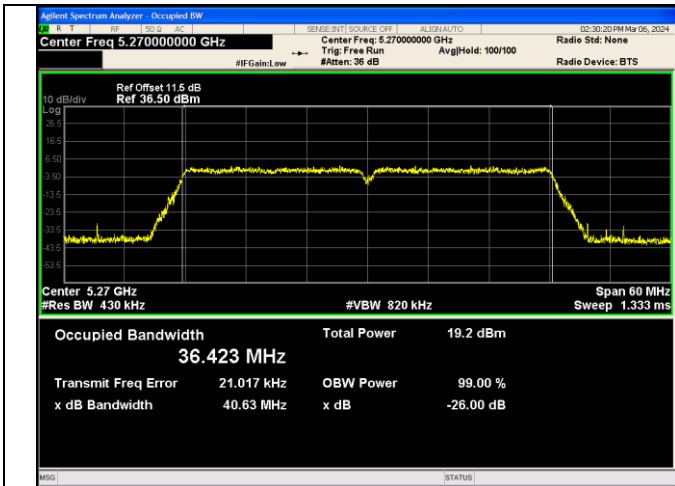
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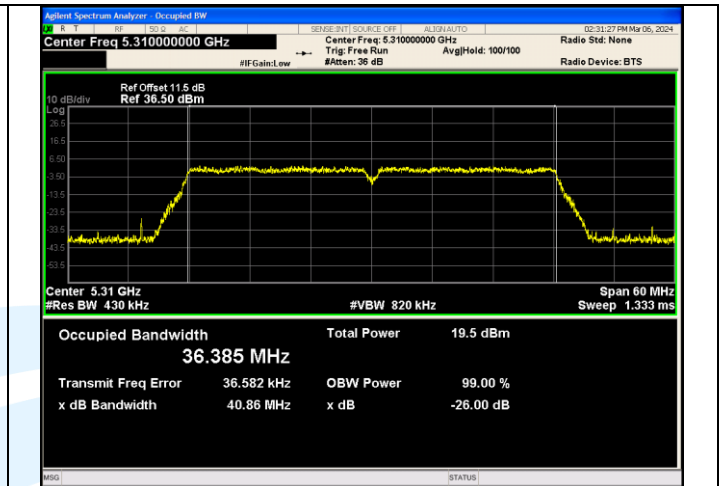
IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0



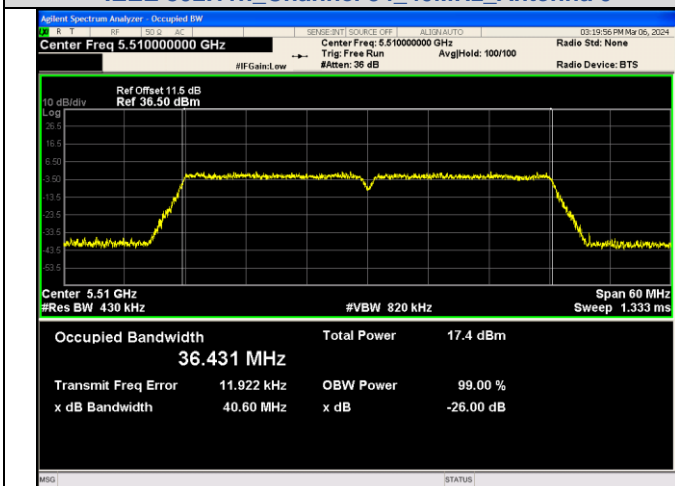
IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0



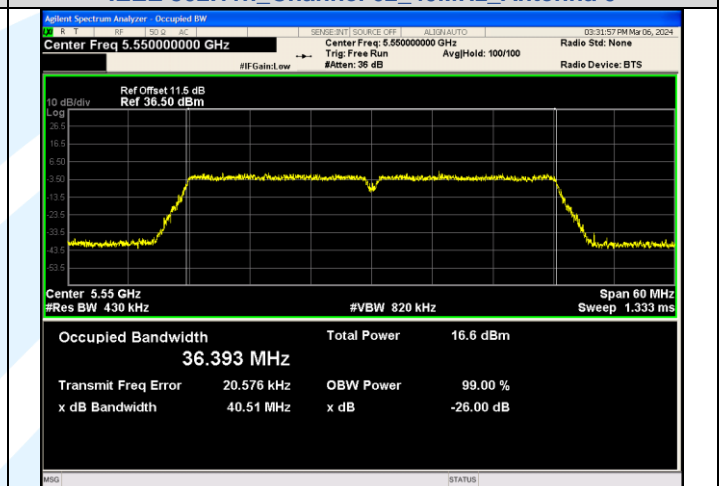
IEEE 802.11n\_Channel 54\_40MHz\_Antenna 0



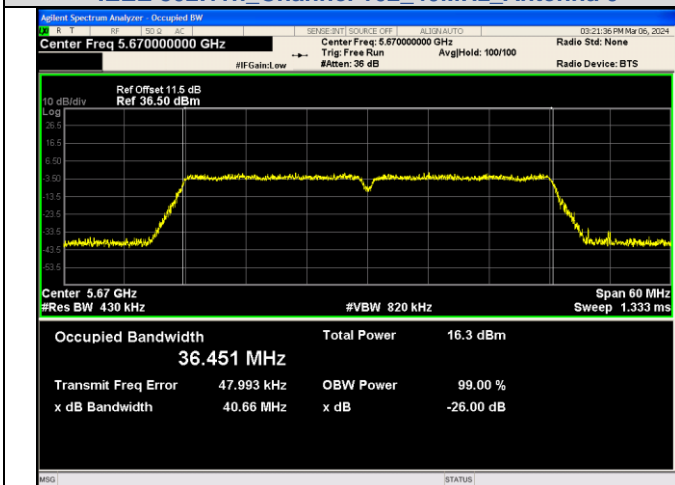
IEEE 802.11n\_Channel 62\_40MHz\_Antenna 0



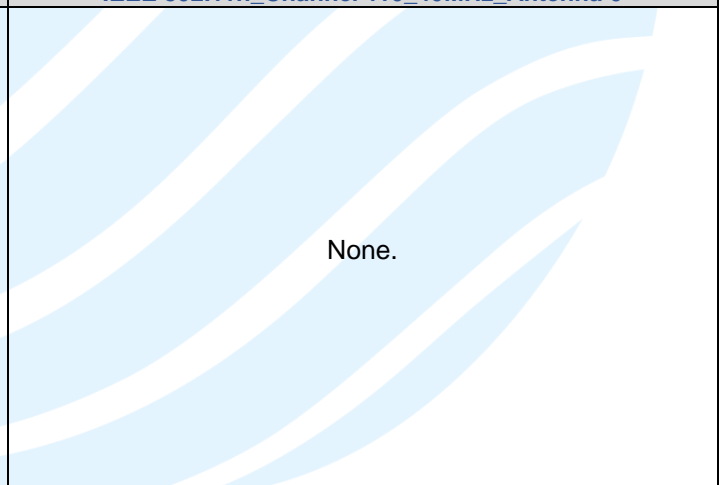
IEEE 802.11n\_Channel 102\_40MHz\_Antenna 0

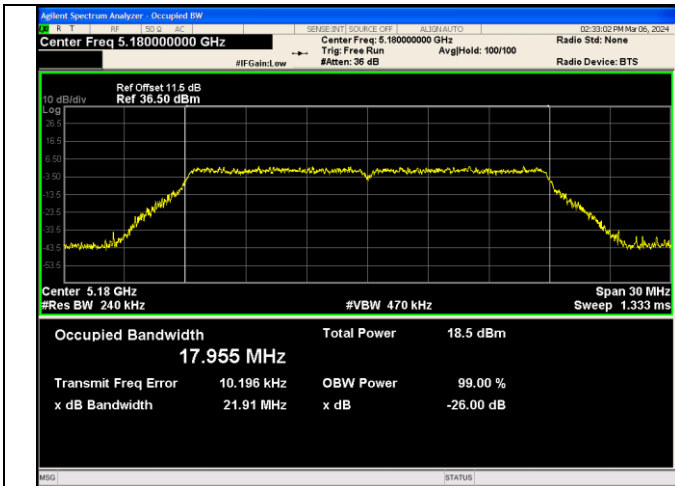


IEEE 802.11n\_Channel 110\_40MHz\_Antenna 0

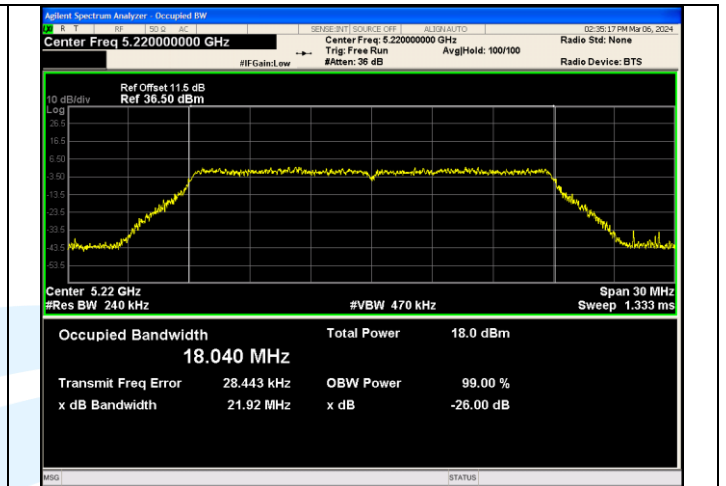


IEEE 802.11n\_Channel 134\_40MHz\_Antenna 0

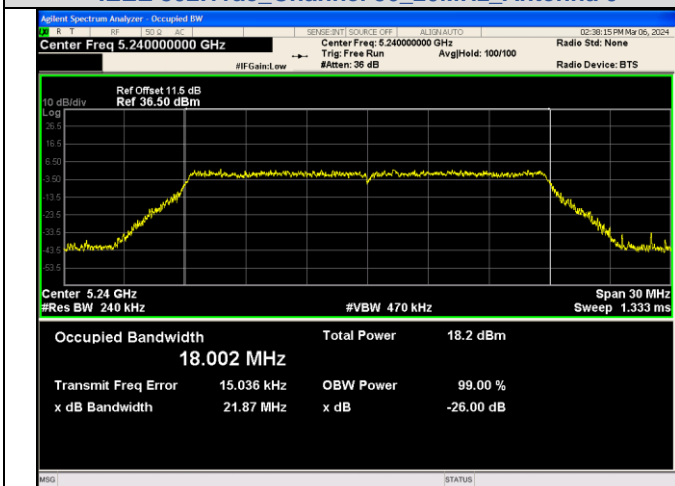




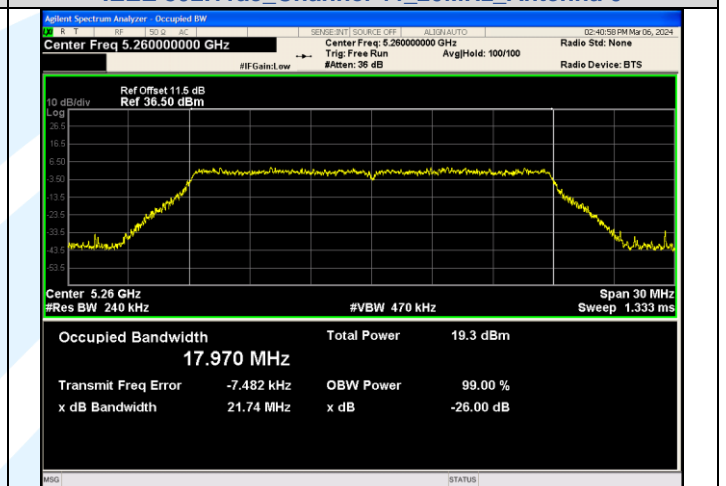
IEEE 802.11ac\_Channel 36\_20MHz\_Antenna 0



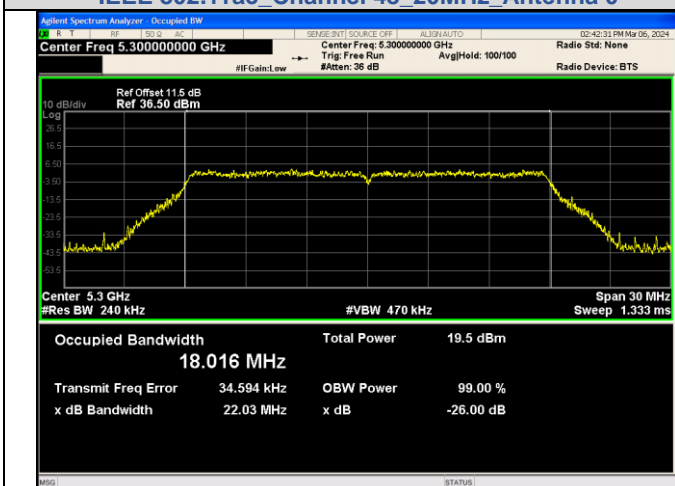
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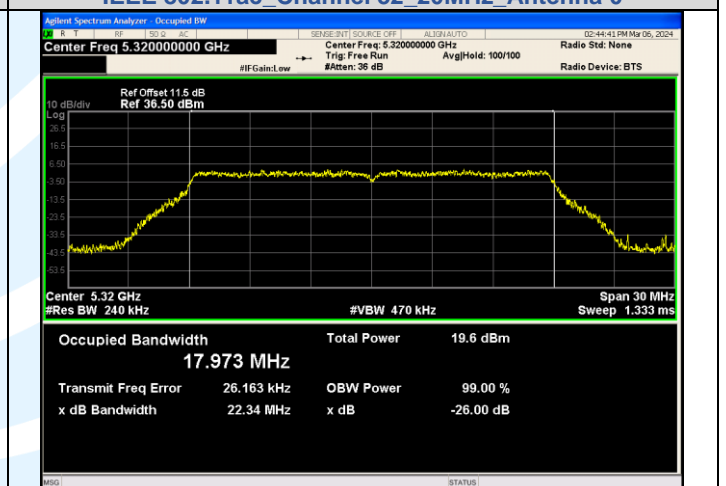
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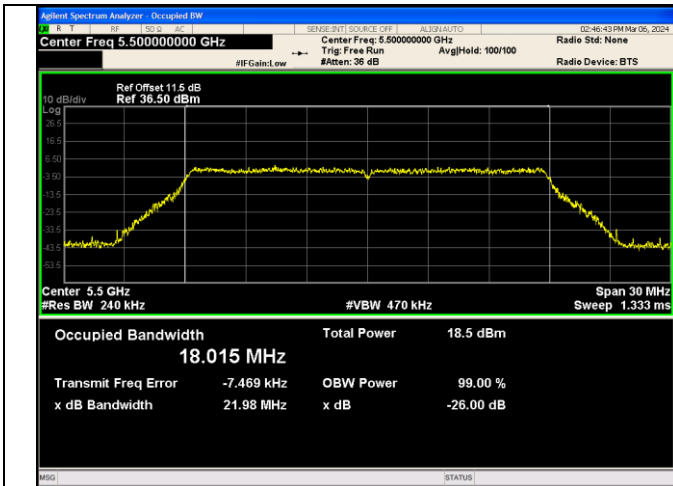
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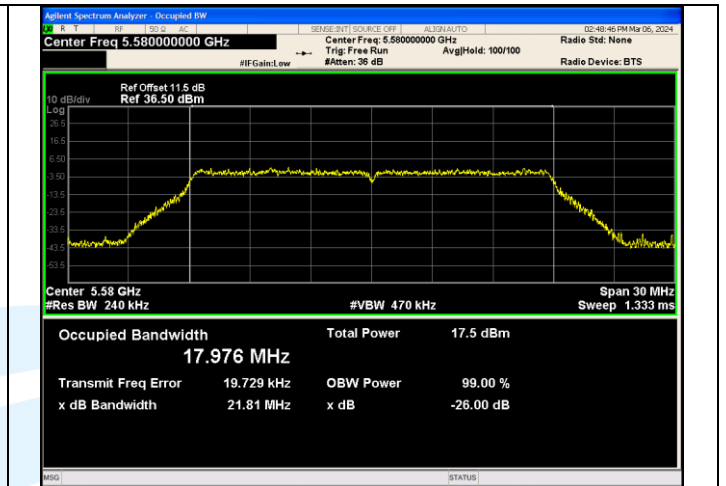
IEEE 802.11ac\_Channel 60\_20MHz\_Antenna 0



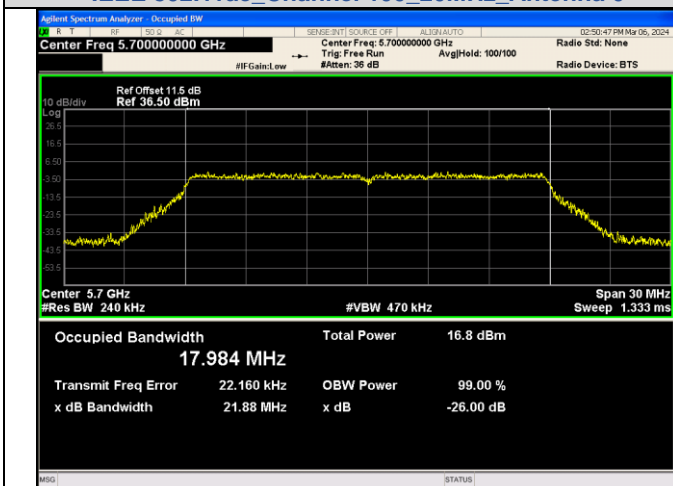
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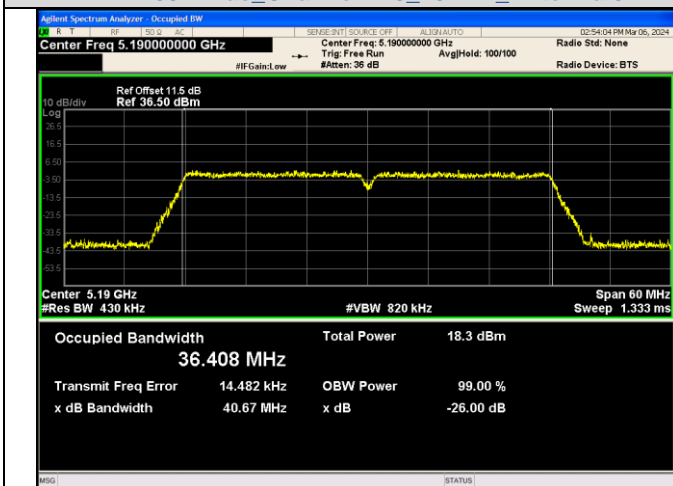
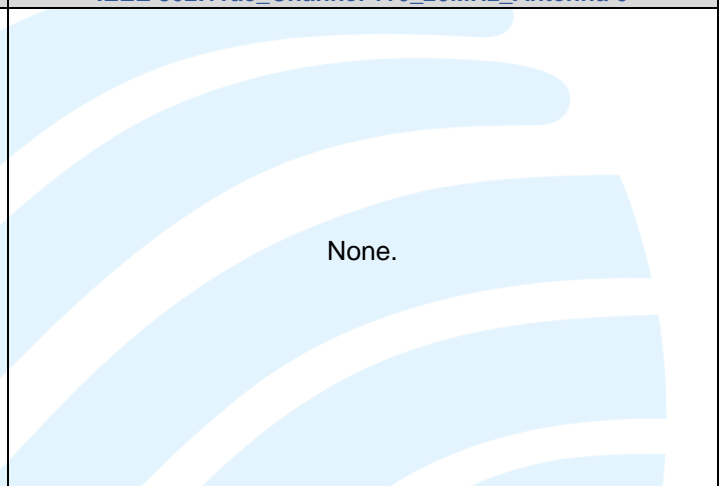
IEEE 802.11ac\_Channel 100\_20MHz\_Antenna 0



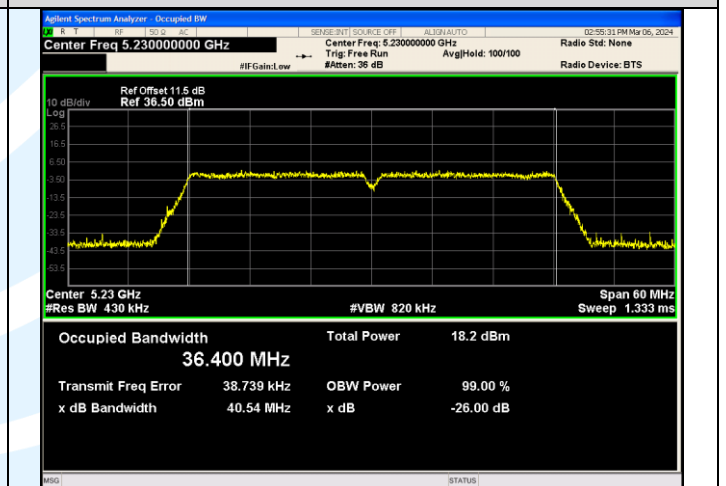
IEEE 802.11ac\_Channel 116\_20MHz\_Antenna 0



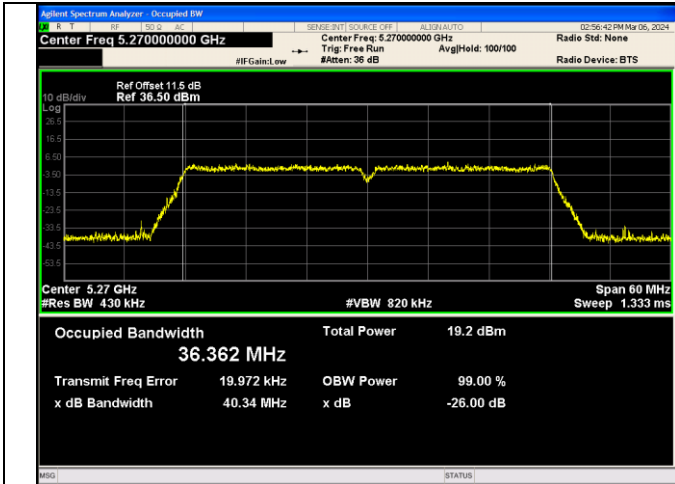
IEEE 802.11ac\_Channel 140\_20MHz\_Antenna 0



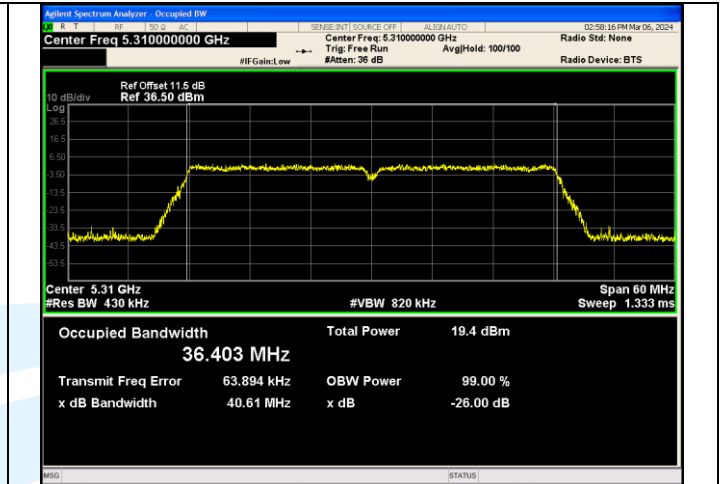
IEEE 802.11ac\_Channel 38\_40MHz\_Antenna 0



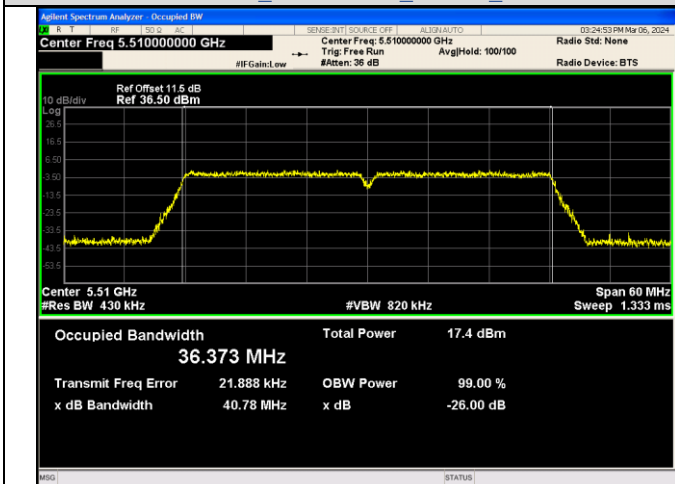
IEEE 802.11ac\_Channel 46\_40MHz\_Antenna 0



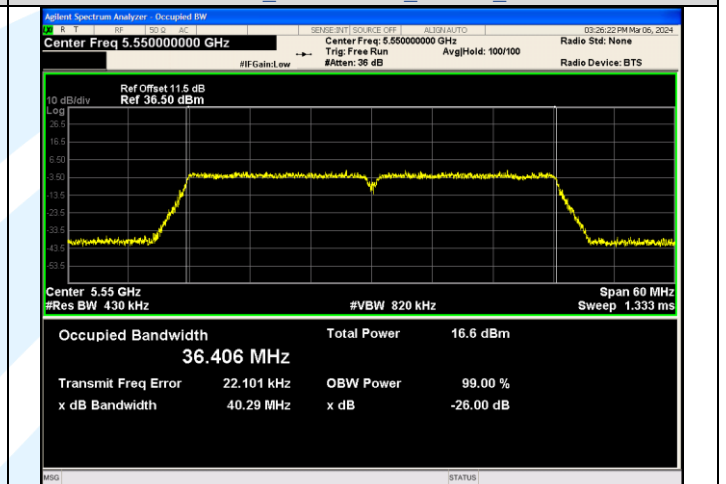
IEEE 802.11ac\_Channel 54\_40MHz\_Antenna 0



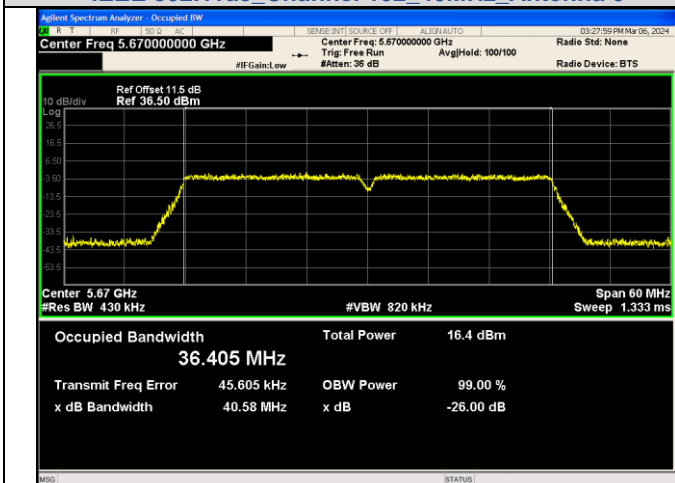
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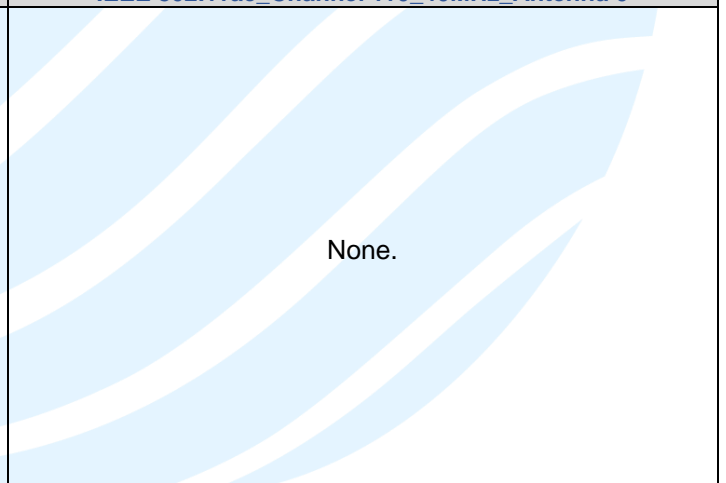
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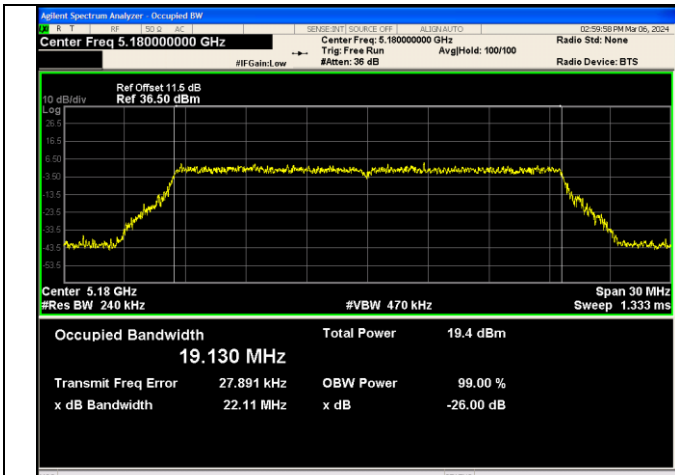


IEEE 802.11ac\_Channel 110\_40MHz\_Antenna 0

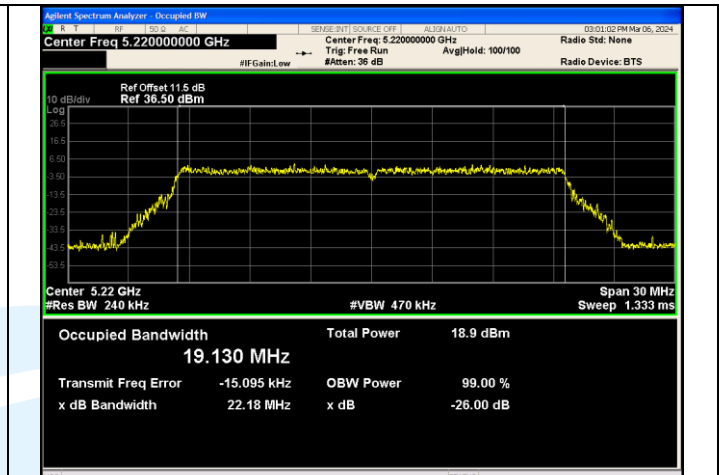


IEEE 802.11ac\_Channel 134\_40MHz\_Antenna 0

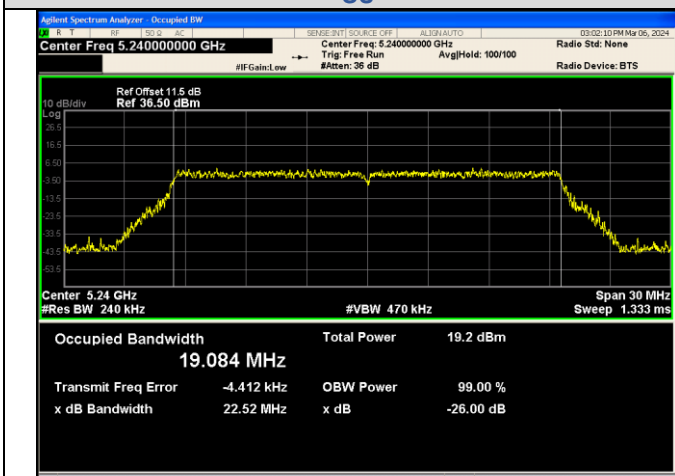




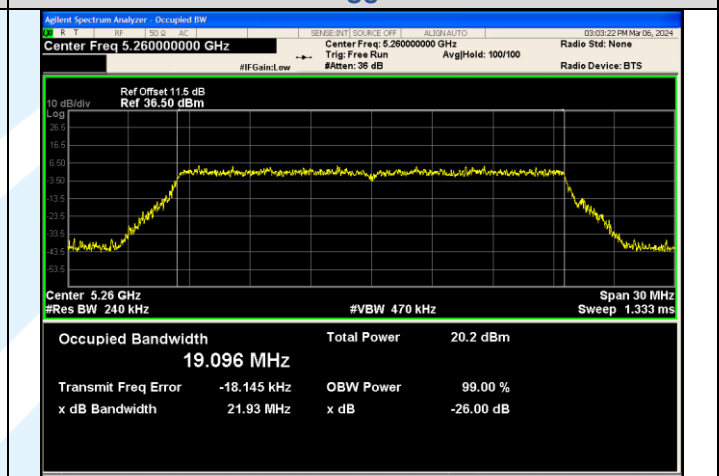
IEEE 802.11ax\_Channel 36\_20MHz\_Antenna 0\_RU&Index SU



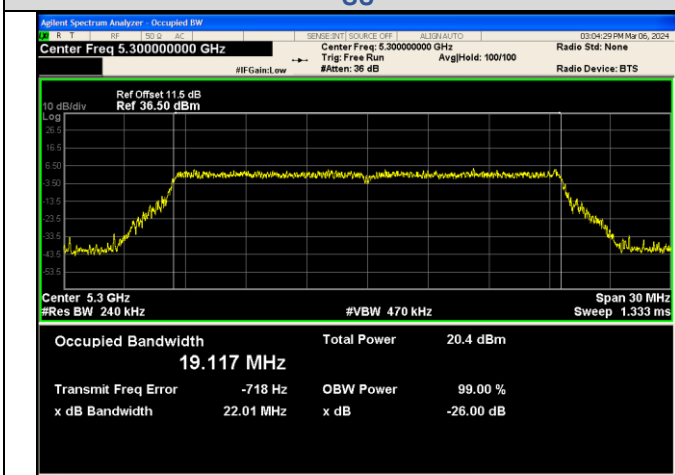
IEEE 802.11ax\_Channel 44\_20MHz\_Antenna 0\_RU&Index SU



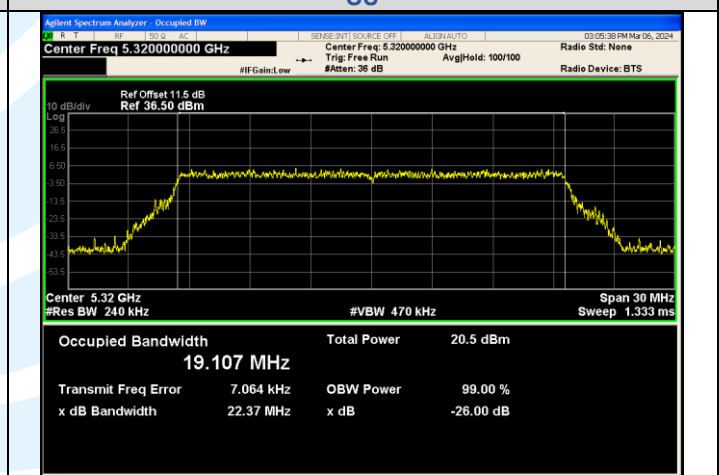
IEEE 802.11ax\_Channel 48\_20MHz\_Antenna 0\_RU&Index SU



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

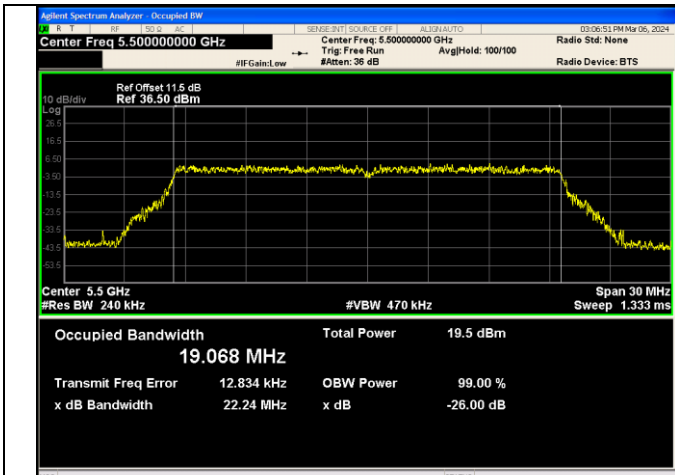


IEEE 802.11ax\_Channel 60\_20MHz\_Antenna 0\_RU&Index SU

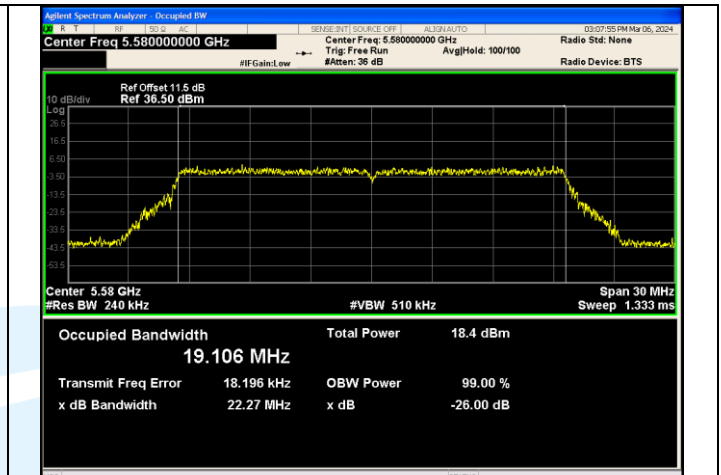


IEEE 802.11ax\_Channel 64\_20MHz\_Antenna 0\_RU&Index SU

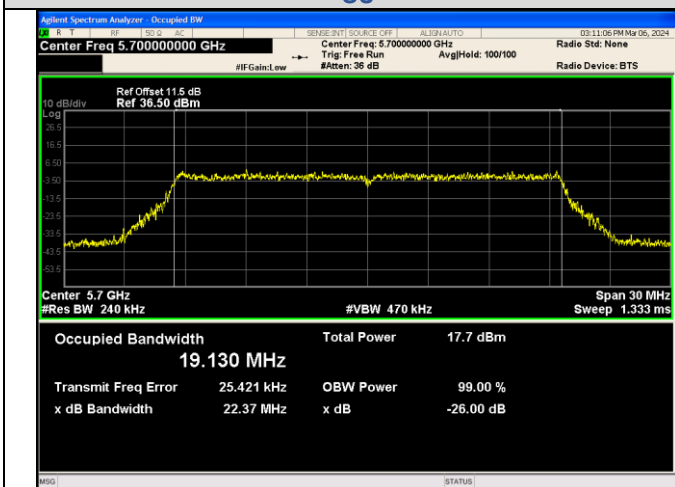




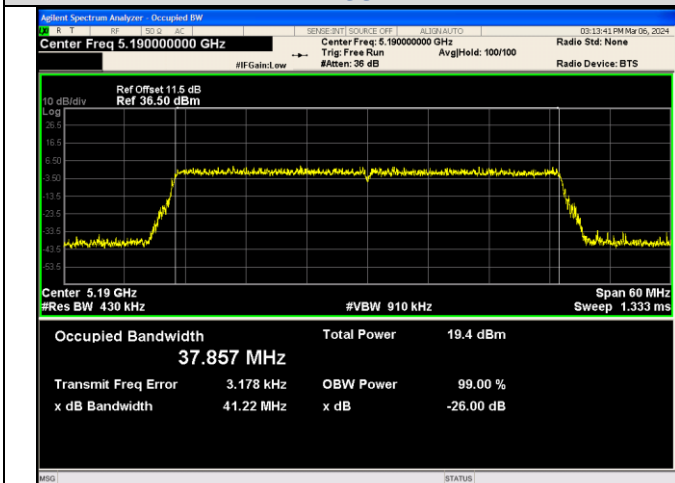
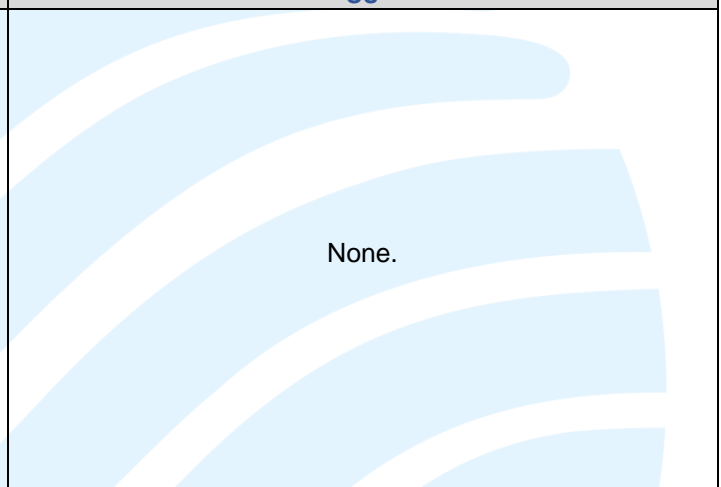
IEEE 802.11ax\_Channel 100\_20MHz\_Antenna 0\_RU&Index SU



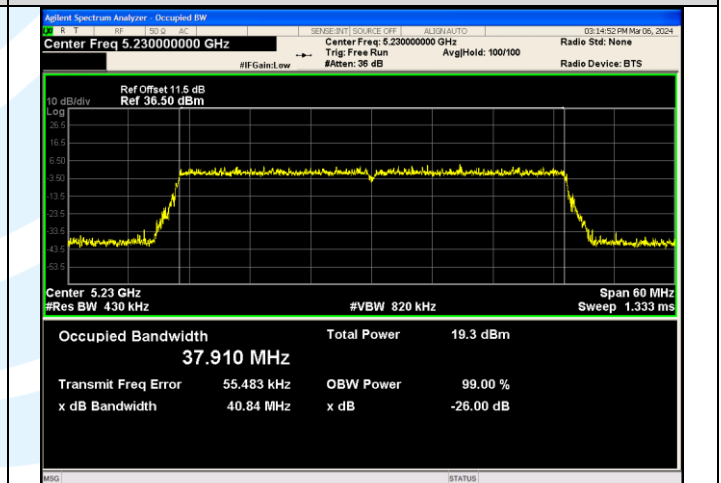
IEEE 802.11ax\_Channel 116\_20MHz\_Antenna 0\_RU&Index SU



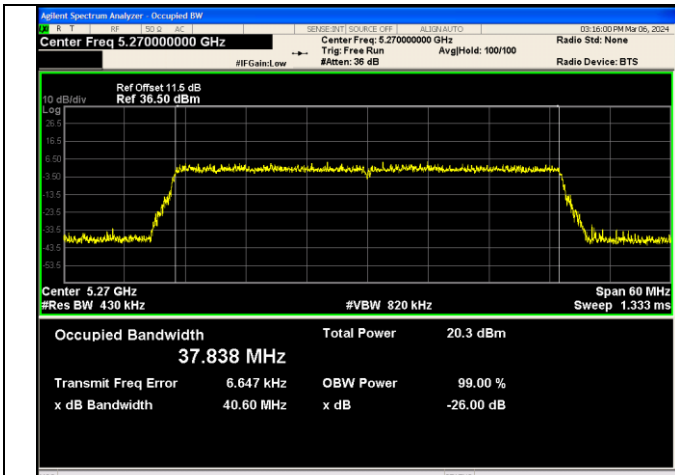
IEEE 802.11ax\_Channel 140\_20MHz\_Antenna 0\_RU&Index SU



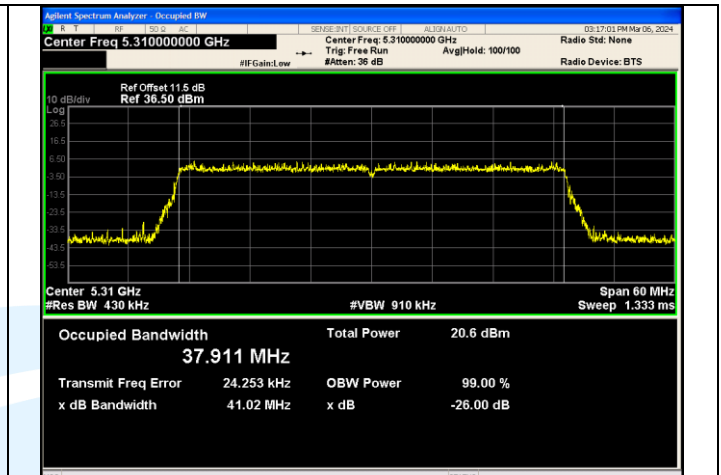
IEEE 802.11ax\_Channel 38\_40MHz\_Antenna 0\_RU&Index SU



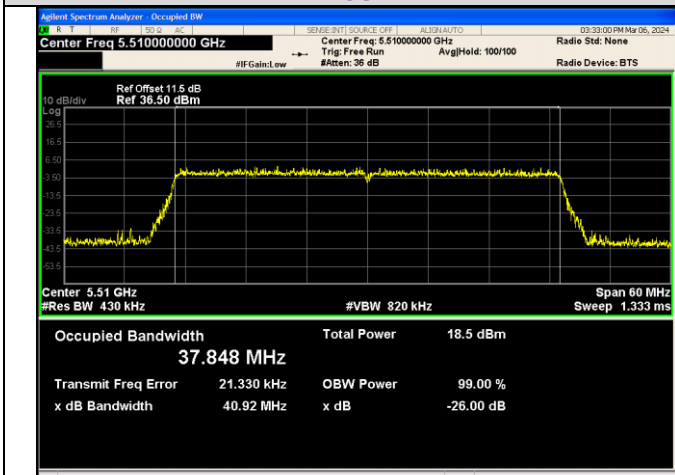
IEEE 802.11ax\_Channel 46\_40MHz\_Antenna 0\_RU&Index SU



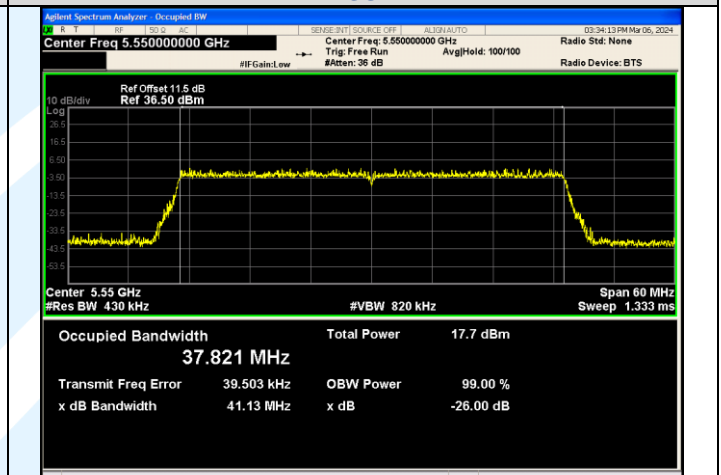
IEEE 802.11ax\_Channel 54\_40MHz\_Antenna 0\_RU&Index SU



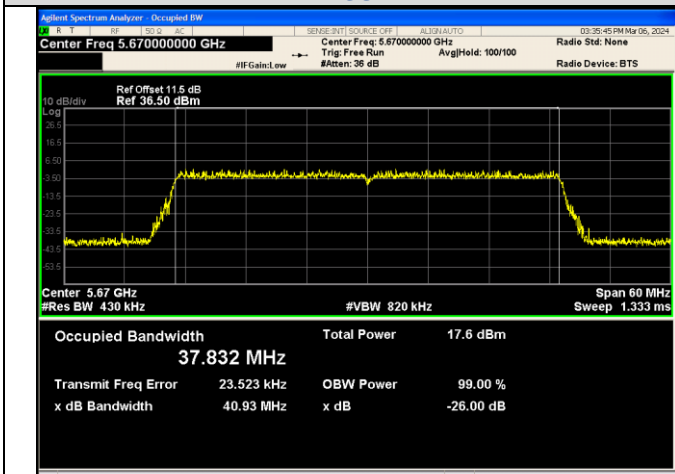
IEEE 802.11ax\_Channel 62\_40MHz\_Antenna 0\_RU&Index SU



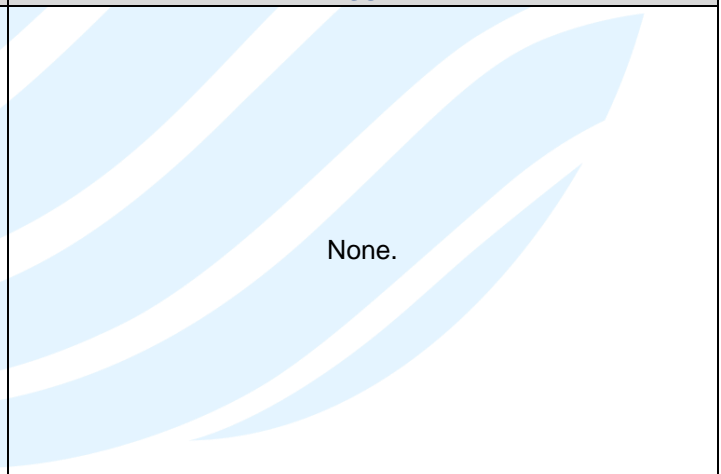
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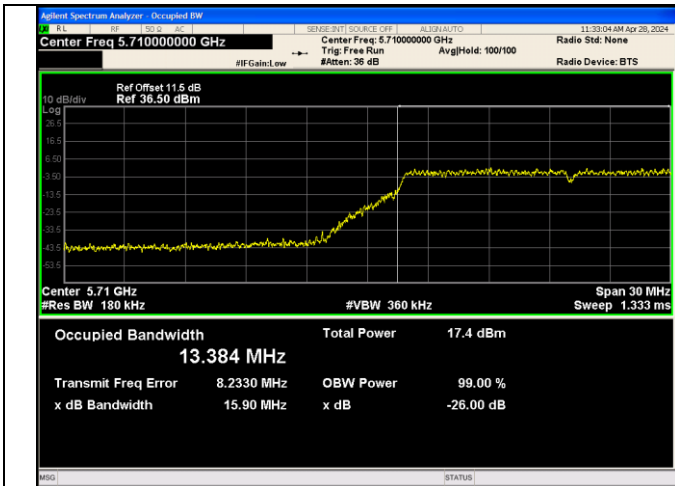


IEEE 802.11ax\_Channel 110\_40MHz\_Antenna 0\_RU&Index SU

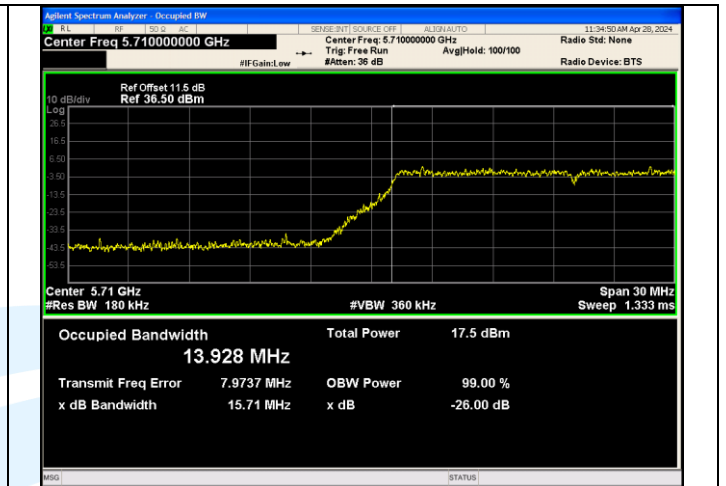


IEEE 802.11ax\_Channel 134\_40MHz\_Antenna 0\_RU&Index SU

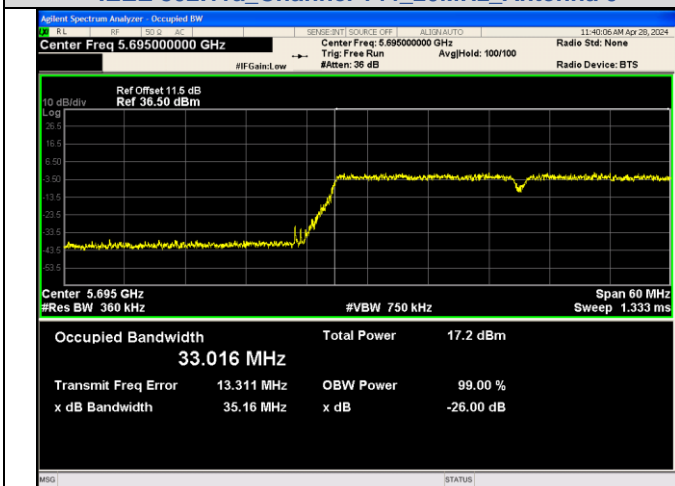




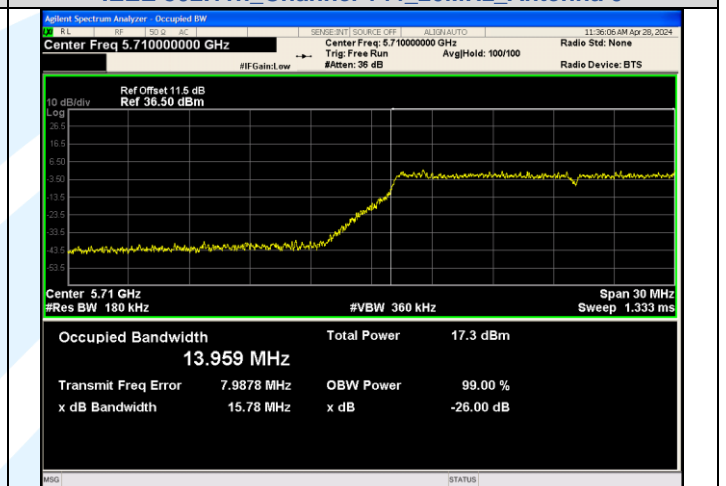
IEEE 802.11a\_Channel 144\_20MHz\_Antenna 0



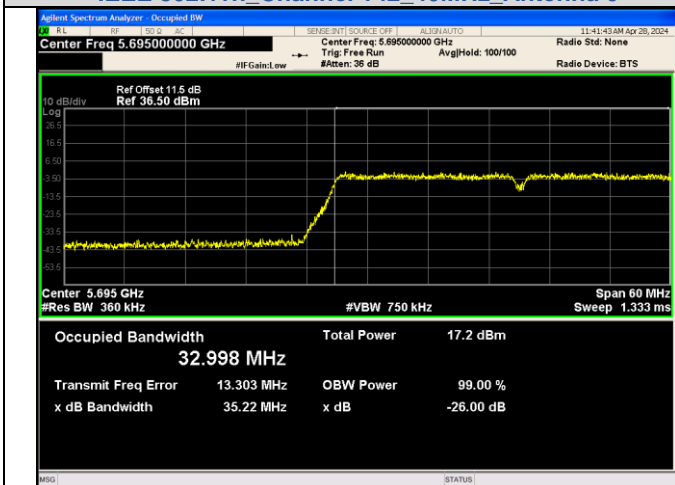
IEEE 802.11n\_Channel 144\_20MHz\_Antenna 0



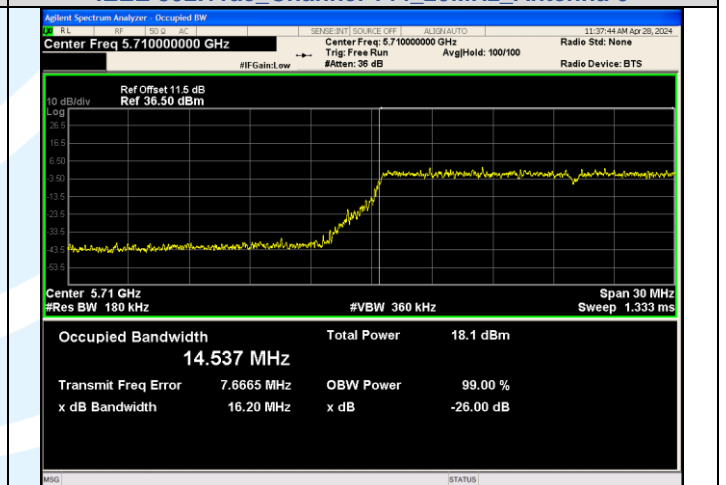
IEEE 802.11n\_Channel 142\_40MHz\_Antenna 0



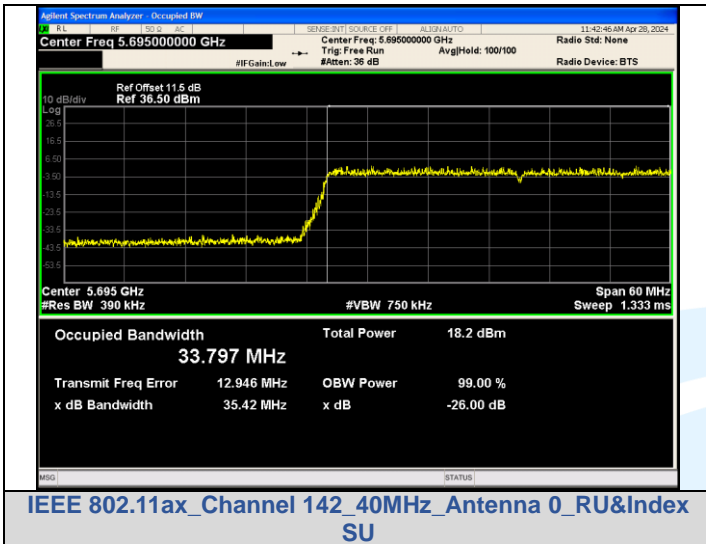
IEEE 802.11ac\_Channel 144\_20MHz\_Antenna 0



IEEE 802.11ac\_Channel 142\_40MHz\_Antenna 0



IEEE 802.11ax\_Channel 144\_20MHz\_Antenna 0\_RU&Index SU



## 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-RSS247-V1.1

### A.3 POWER SPECTRAL DENSITY

For U-NII-1, U-NII-2A, U-NII-2C 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)	Ant. 0 EIRP PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result		
IEEE 802.11a	36	N/A	2.843	2.963	6.463	10	PASS		
	44		2.066	2.186	5.686	10	PASS		
	48		2.120	2.240	5.740	10	PASS		
	52		3.241	3.361	6.861	10	PASS		
	60		3.927	4.047	7.547	10	PASS		
	64		3.120	3.240	6.740	10	PASS		
	100		2.469	2.589	-	11	PASS		
	116		1.315	1.435	-	11	PASS		
140	0.729		0.849	-	11	PASS			
IEEE 802.11n_20	36		N/A	2.191	2.311	5.811	10	PASS	
	44			1.609	1.729	5.229	10	PASS	
	48			1.797	1.917	5.417	10	PASS	
	52			2.977	3.097	6.597	10	PASS	
	60			3.066	3.186	6.686	10	PASS	
	64			3.125	3.245	6.745	10	PASS	
	100			2.060	2.180	-	11	PASS	
	116			0.933	1.053	-	11	PASS	
140	0.489			0.609	-	11	PASS		
IEEE 802.11n_40	38			N/A	-1.171	-0.961	2.539	10	PASS
	46				-1.362	-1.152	2.348	10	PASS
	54	-0.508			-0.298	3.202	10	PASS	
	62	0.147			0.357	3.857	10	PASS	
	102	-2.232			-2.022	-	11	PASS	
	110	-2.943			-2.733	-	11	PASS	
IEEE 802.11ac_20	134	N/A			-3.070	-2.860	-	11	PASS
	36				2.146	2.266	5.766	10	PASS
	44				1.480	1.600	5.100	10	PASS
	48				1.743	1.863	5.363	10	PASS
	52				2.960	3.080	6.580	10	PASS
	60		3.075		3.195	6.695	10	PASS	
64	3.046		3.166		6.666	10	PASS		
100	2.090		2.210		-	11	PASS		
116	1.034		1.154		-	11	PASS		
140	0.376		0.496		-	11	PASS		
IEEE 802.11ac_40	38		N/A		-0.750	-0.630	2.870	10	PASS
	46				-1.488	-1.368	2.132	10	PASS
	54				-0.350	-0.230	3.270	10	PASS
	62				-0.121	-0.001	3.499	10	PASS
	102			-1.824	-1.704	-	11	PASS	
	110			-2.857	-2.737	-	11	PASS	
IEEE 802.11ax_20	134			SU	-3.057	-2.937	-	11	PASS
	36				1.795	1.935	5.435	10	PASS
	44				1.263	1.403	4.903	10	PASS
	48				1.679	1.819	5.319	10	PASS
	52	2.658			2.798	6.298	10	PASS	
	60	2.896			3.036	6.536	10	PASS	
	64	2.864			3.004	6.504	10	PASS	
	100	2.086			2.226	-	11	PASS	
116	0.770	0.910			-	11	PASS		
140	0.438	0.578			-	11	PASS		
IEEE 802.11ax_40	38	SU			-1.214	-1.074	2.426	10	PASS
	46				-1.673	-1.533	1.967	10	PASS
	54				-0.568	-0.428	3.072	10	PASS
	62				-0.065	0.075	3.575	10	PASS
102	-2.175		-2.035		-	11	PASS		

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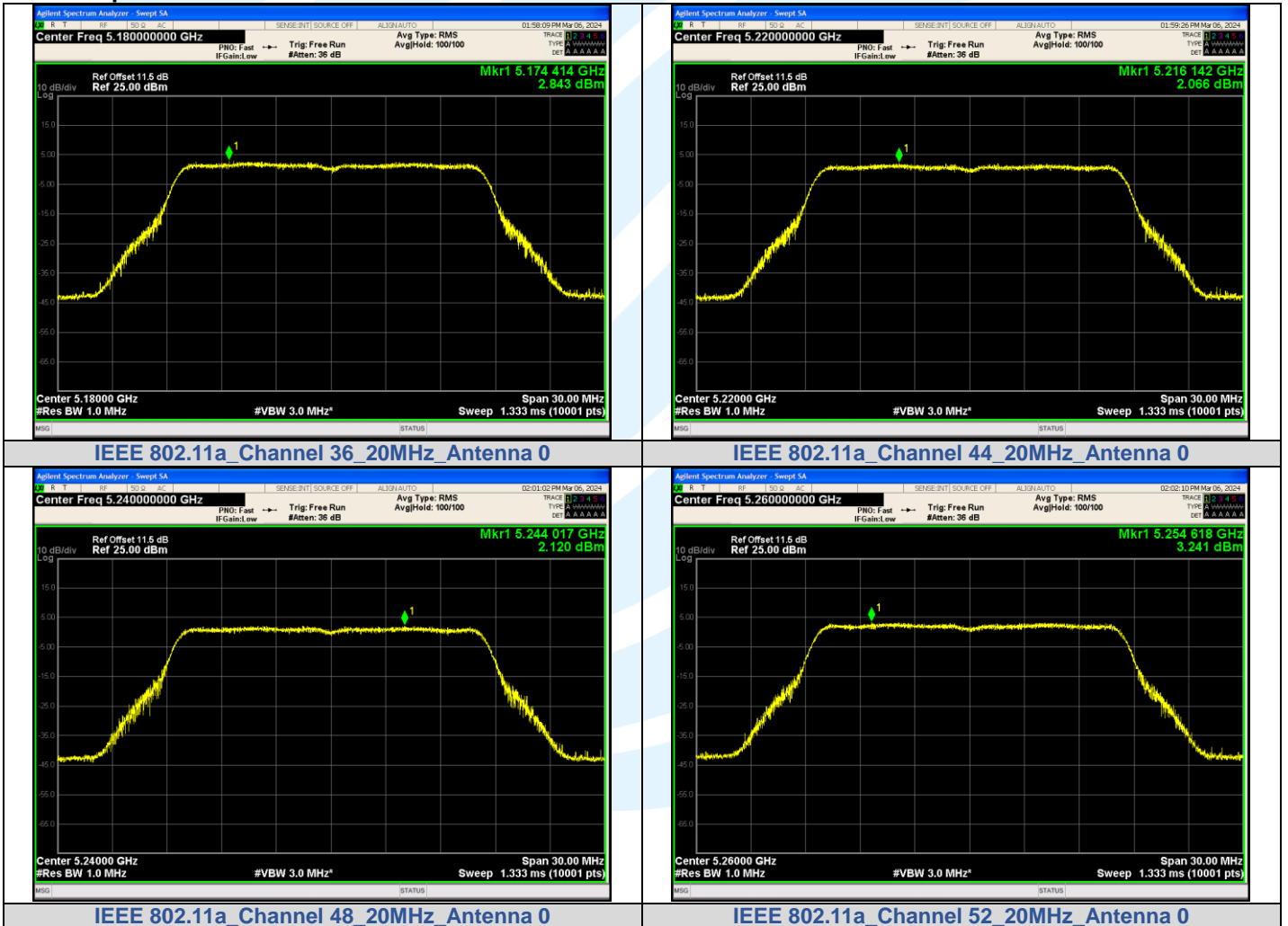
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UTTR-RF-RSS247-V1.1

	110		-3.172	-3.032	-	11	PASS
	134		-3.152	-3.012	-	11	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)	Ant. 0 EIRP PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	144	N/A	2.305	2.425	-	11	PASS
IEEE 802.11n_20	144		1.950	2.070	-	11	PASS
IEEE 802.11n_40	142		-1.735	-1.525	-	11	PASS
IEEE 802.11ac_20	144		1.919	2.039	-	11	PASS
IEEE 802.11ac_40	142		-1.777	-1.657	-	11	PASS
IEEE 802.11ax_20	144	SU	1.622	1.762	-	11	PASS
IEEE 802.11ax_40	142		-2.252	-2.112	-	11	PASS

### Test Graphs



### 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

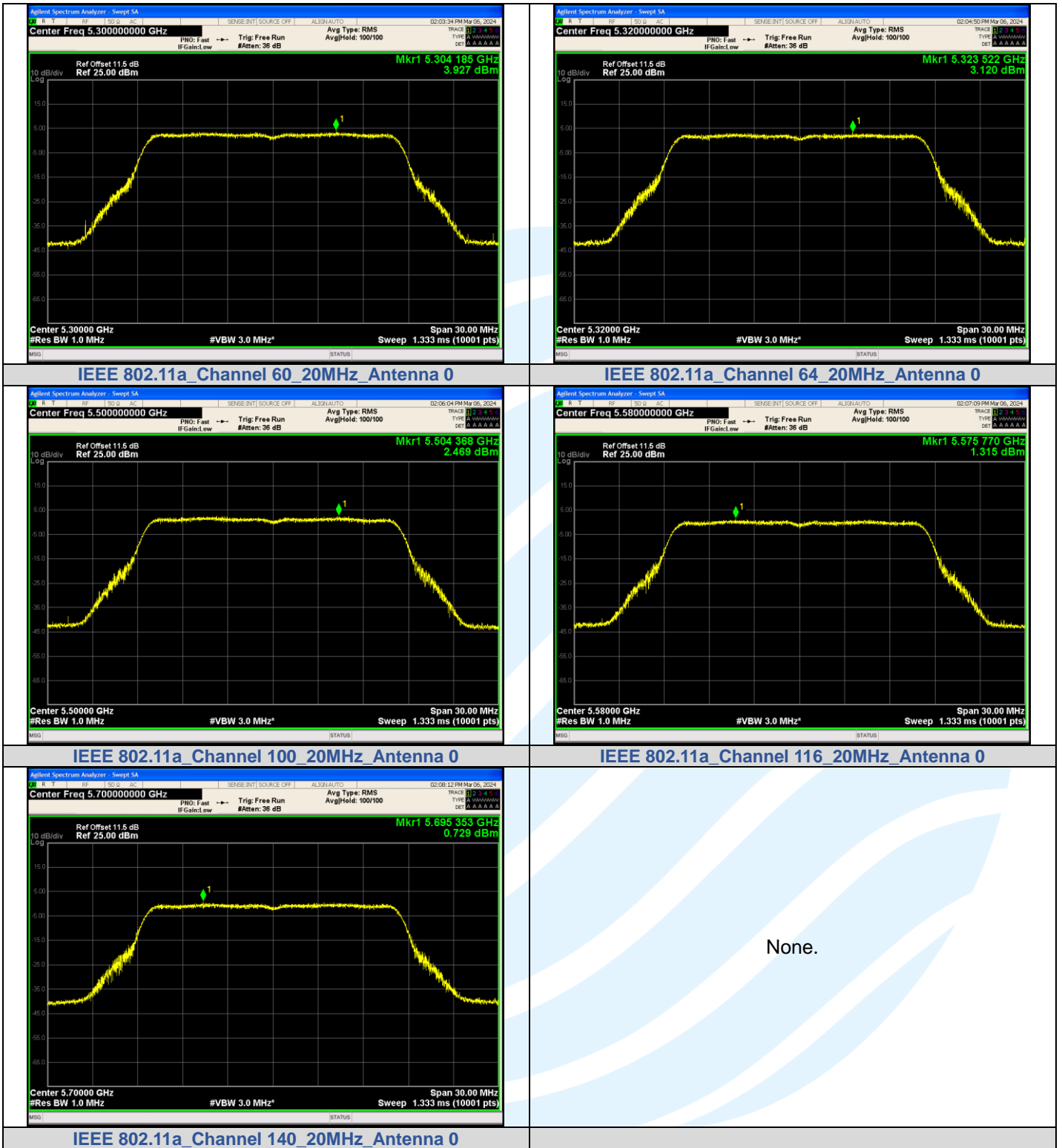
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

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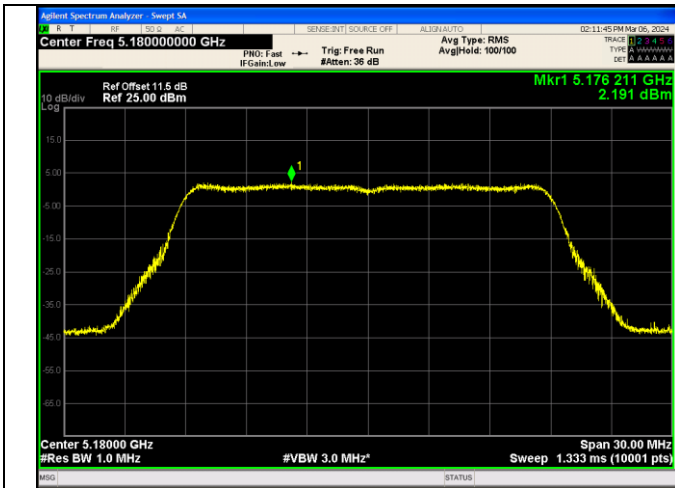
Tel: +86-755-28230888

Fax: +86-755-28230886

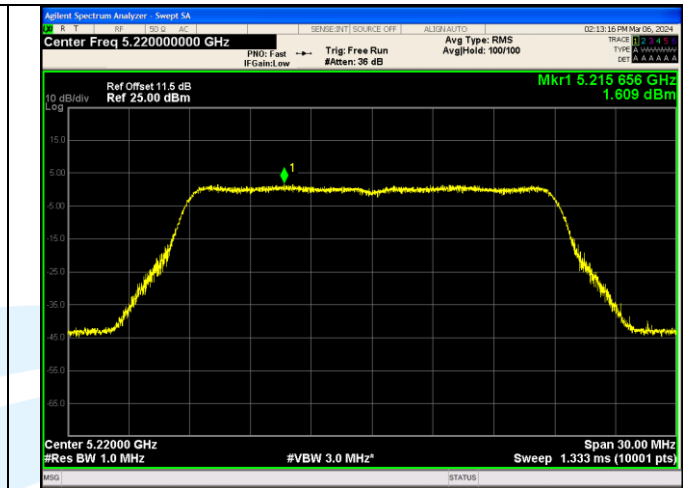
E-mail: info@uttlab.com

<http://www.uttlab.com>

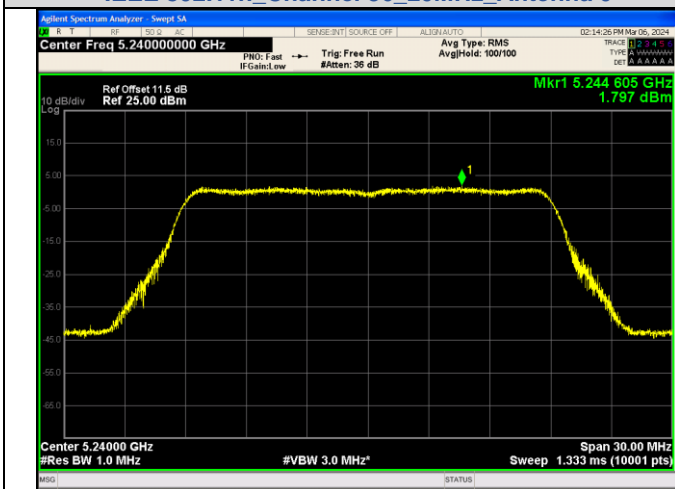
UTTR-RF-RSS247-V1.1



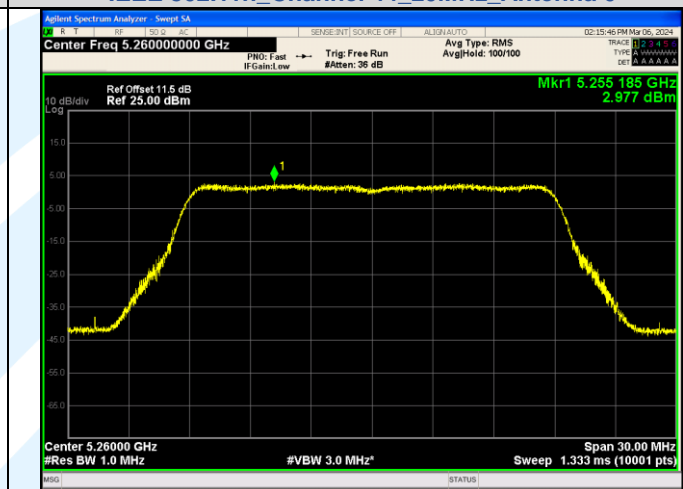
IEEE 802.11n\_Channel 36\_20MHz\_Antenna 0



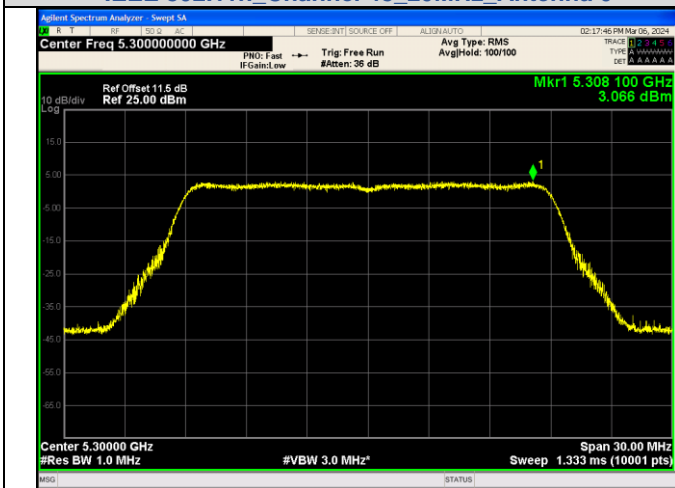
IEEE 802.11n\_Channel 44\_20MHz\_Antenna 0



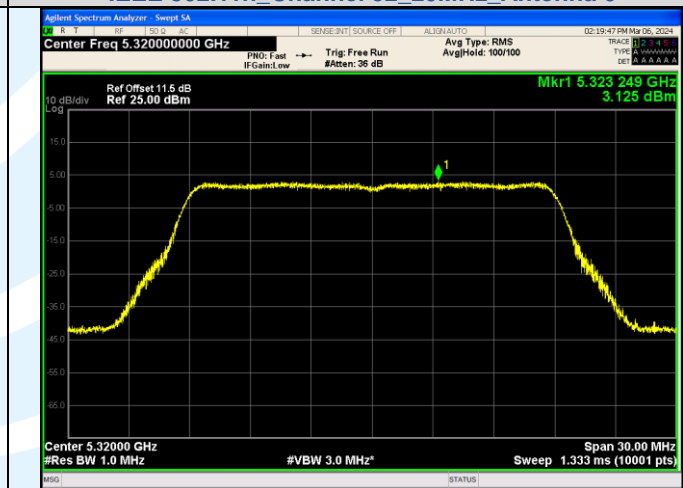
IEEE 802.11n\_Channel 48\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 52\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 60\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 64\_20MHz\_Antenna 0

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Tel: +86-755-28230888

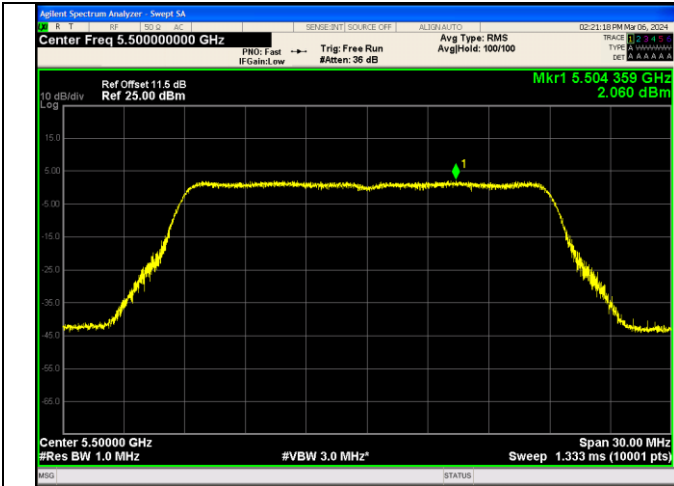
Fax: +86-755-28230886

E-mail: info@uttlab.com

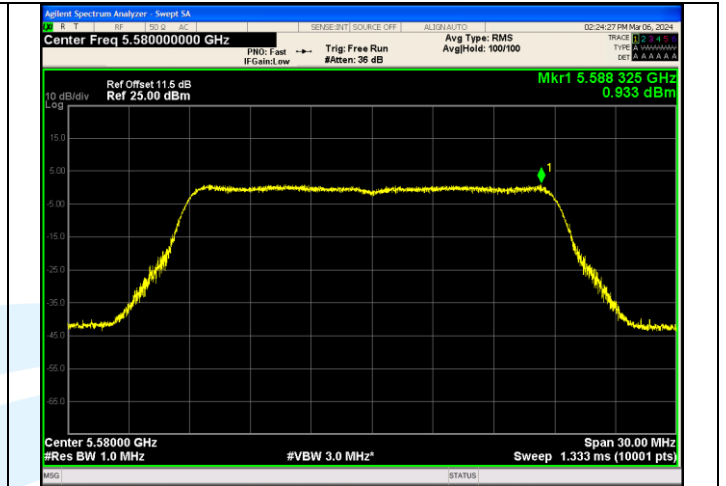
<http://www.uttlab.com>

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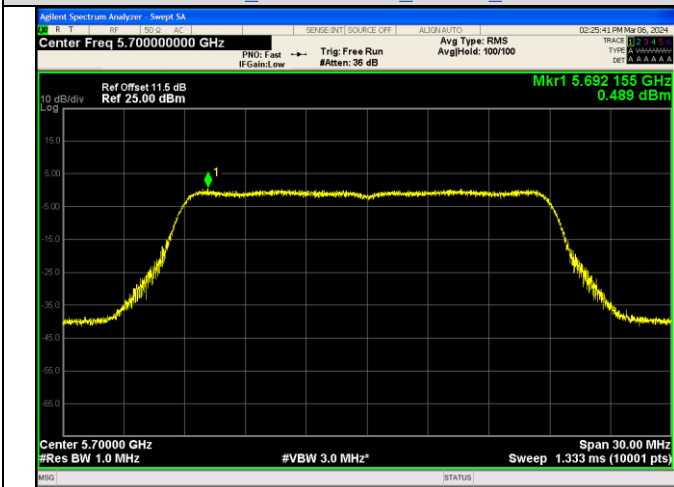




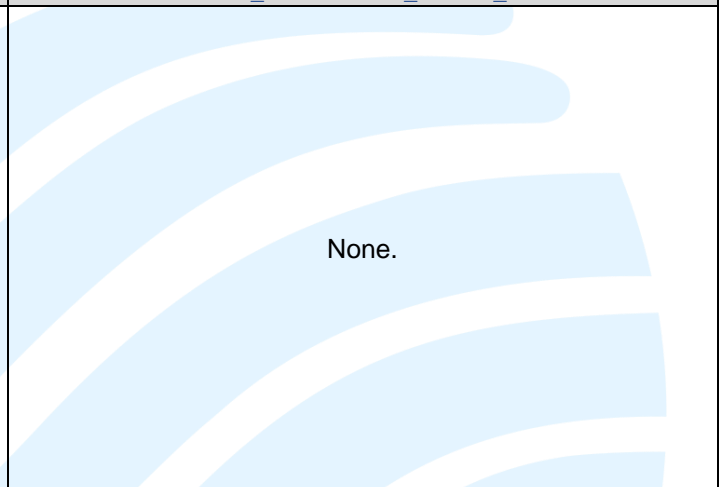
IEEE 802.11n\_Channel 100\_20MHz\_Antenna 0



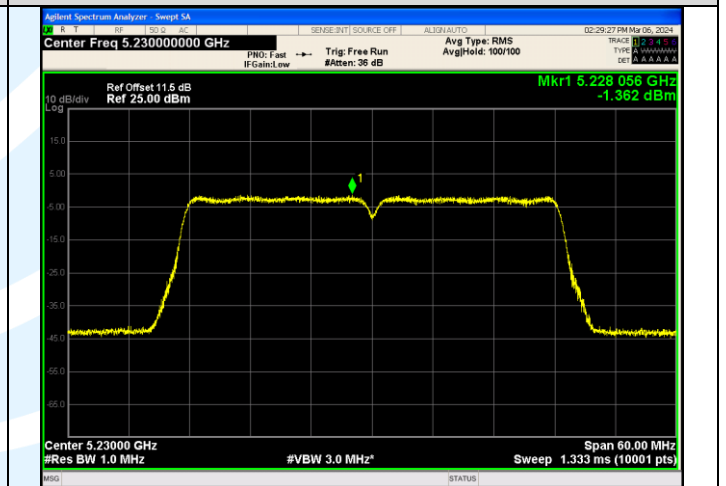
IEEE 802.11n\_Channel 116\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 140\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0



IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0