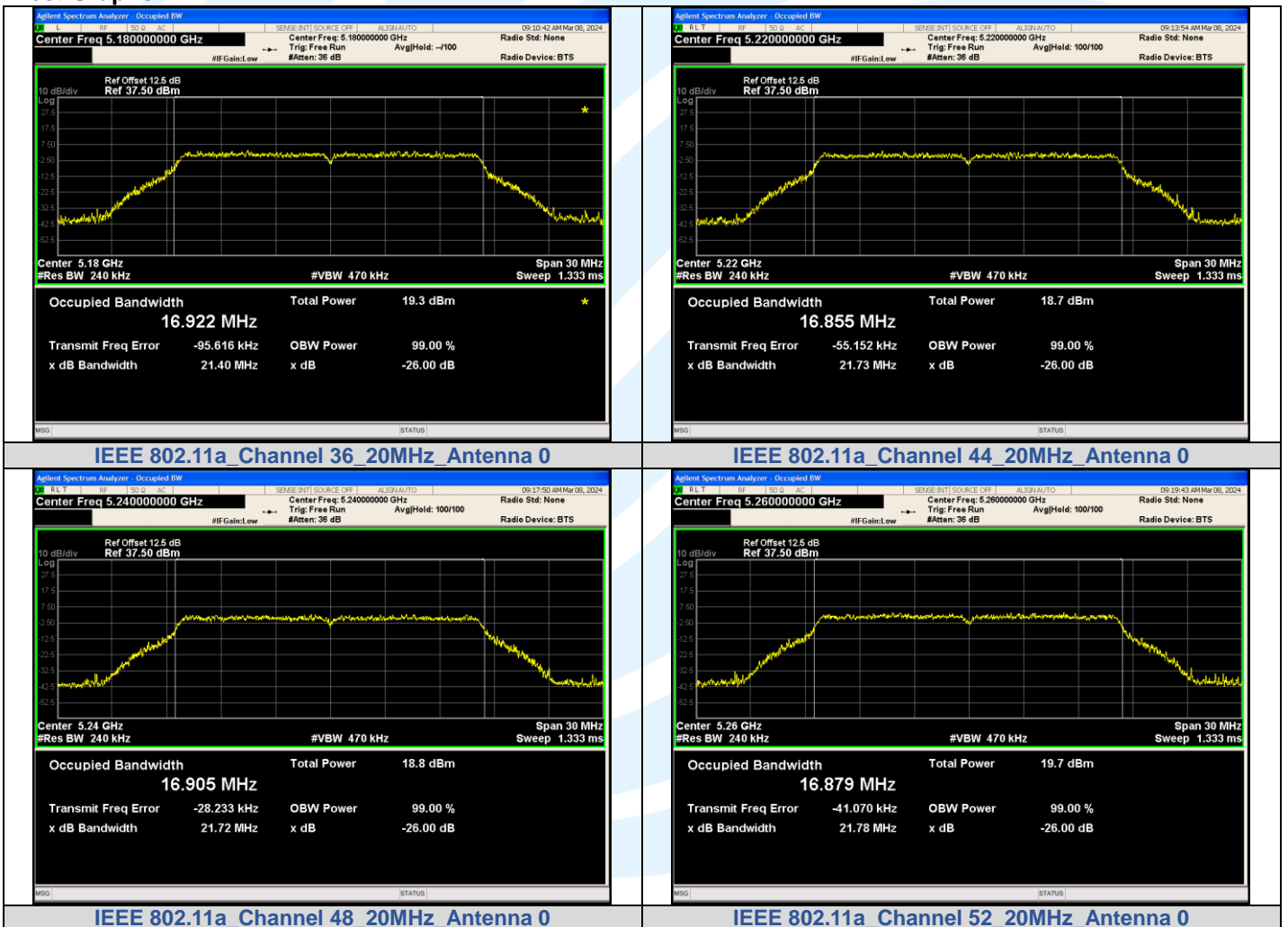


Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	144	N/A	0	5720	15.88	1.14
IEEE 802.11n_20	144			5720	15.73	1.16
IEEE 802.11n_40	142			5710	35.11	1.06
IEEE 802.11ac_20	144			5720	15.92	1.15
IEEE 802.11ac_40	142			5710	35.32	1.06
IEEE 802.11ax_20	144			SU	5720	16.21
IEEE 802.11ax_40	142	5710	35.63		1.05	

Test Graphs



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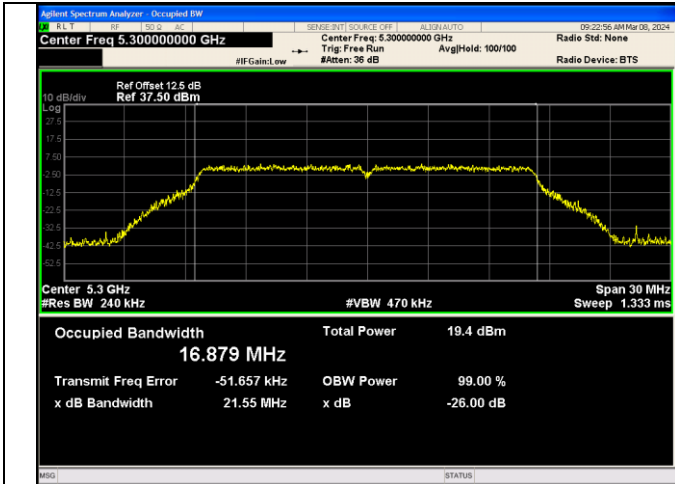
Tel: +86-755-28230888

Fax: +86-755-28230886

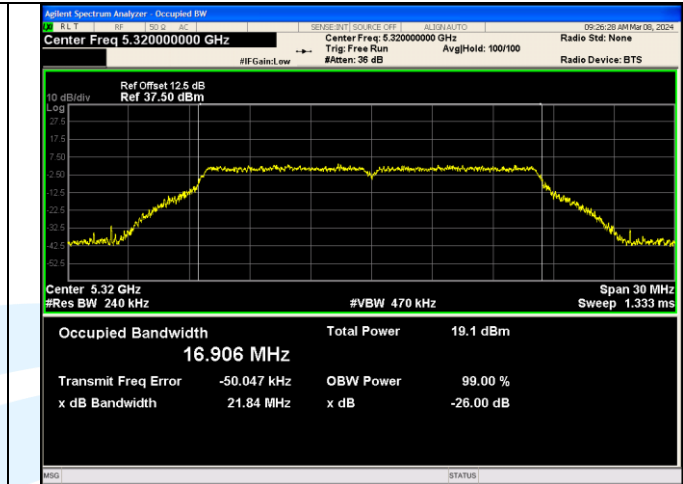
E-mail: info@uttlab.com

<http://www.uttlab.com>

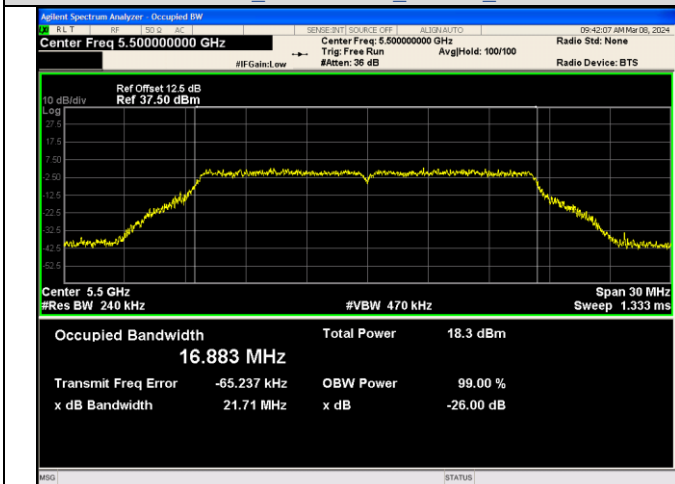
UTTR-RF-RSS247-V1.1



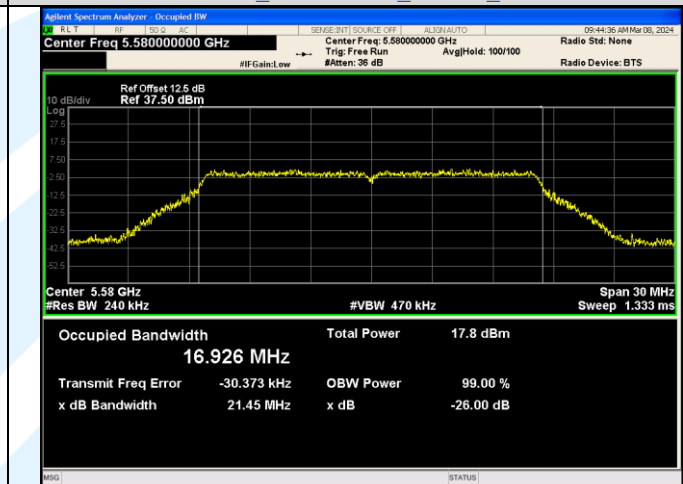
IEEE 802.11a_Channel 60_20MHz_Antenna 0



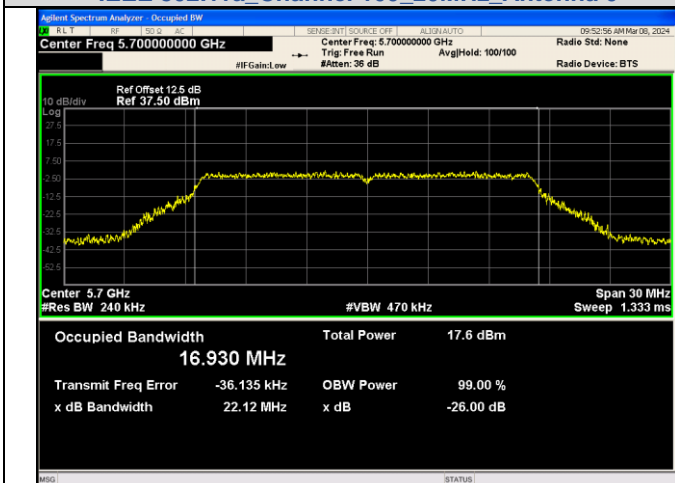
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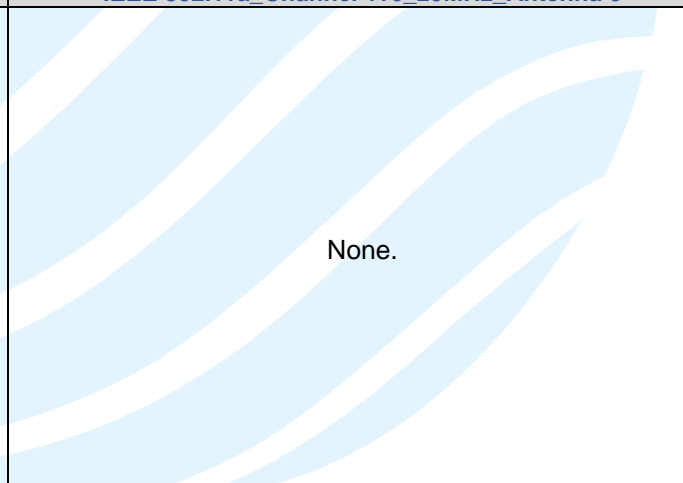
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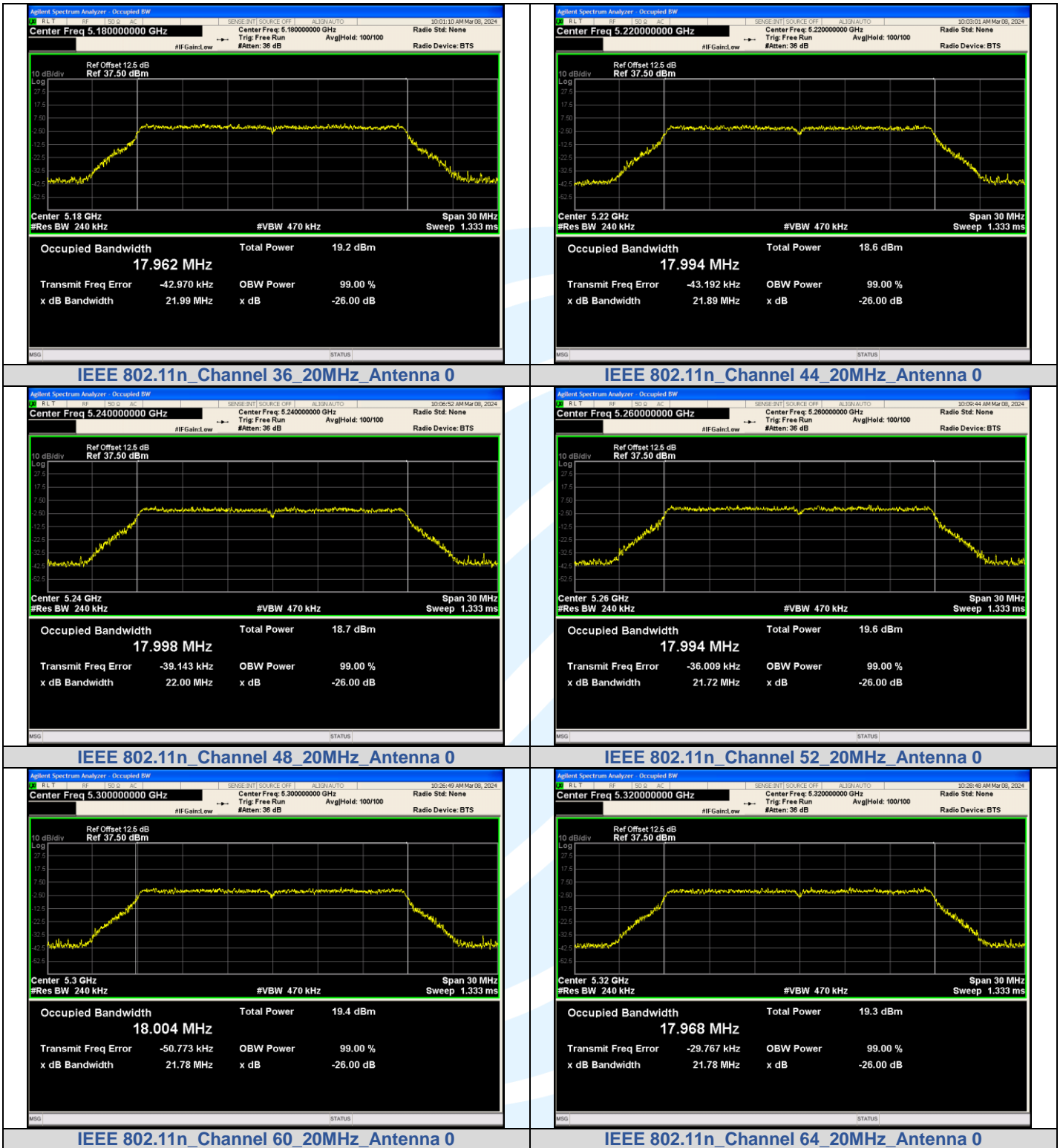
IEEE 802.11a_Channel 116_20MHz_Antenna 0



IEEE 802.11a_Channel 140_20MHz_Antenna 0



None.



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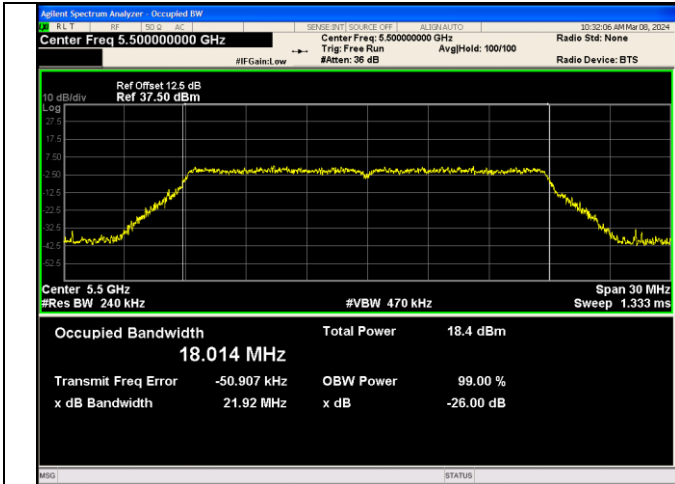
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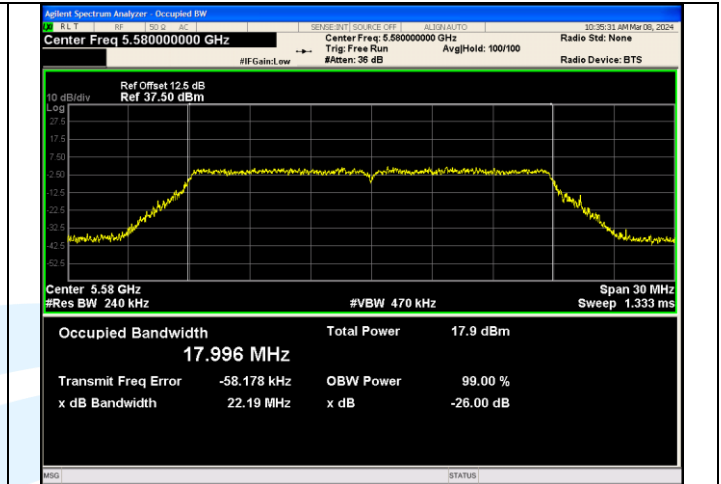
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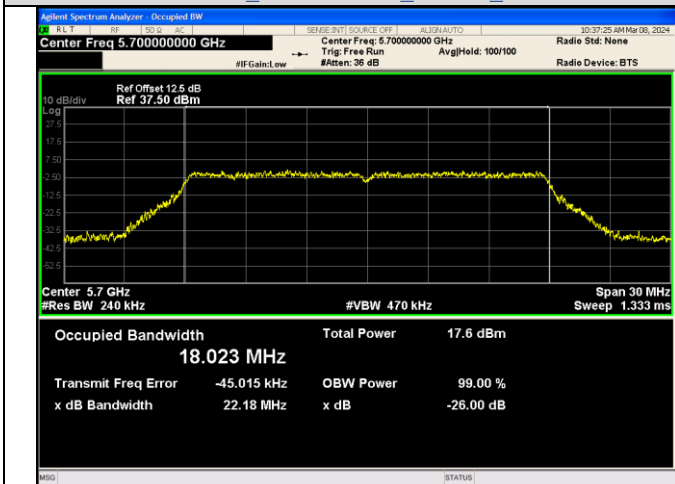
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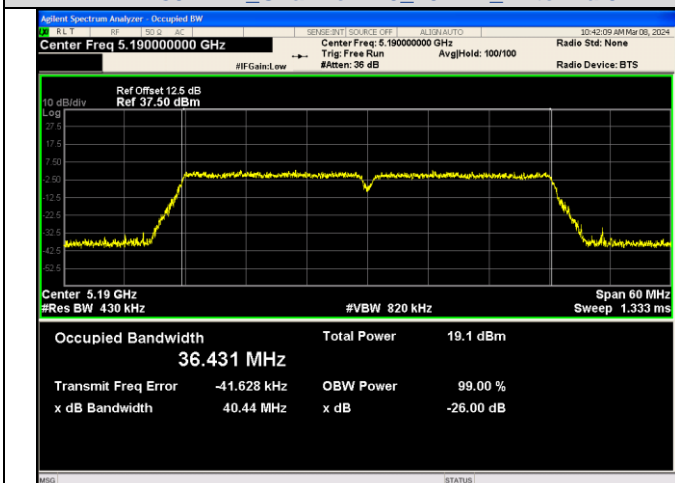
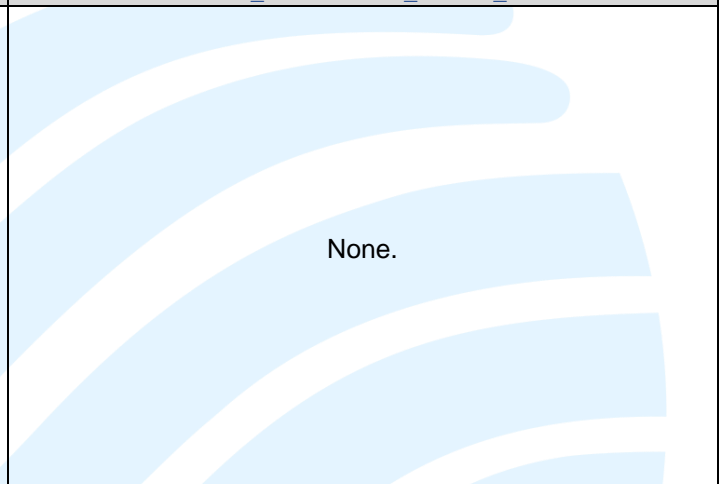
IEEE 802.11n_Channel 100_20MHz_Antenna 0



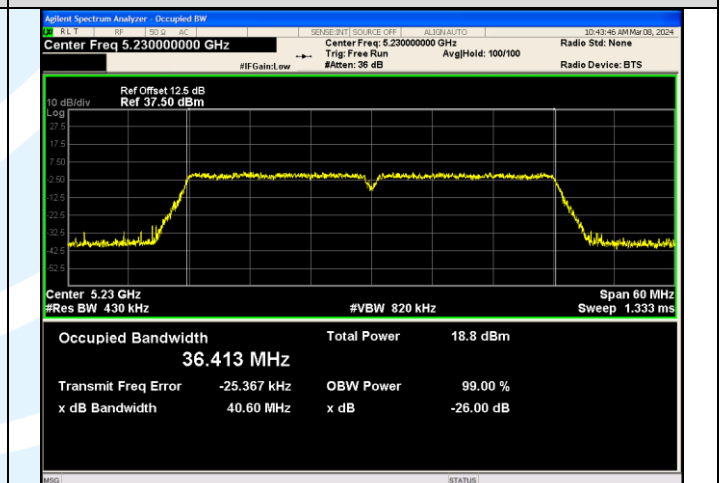
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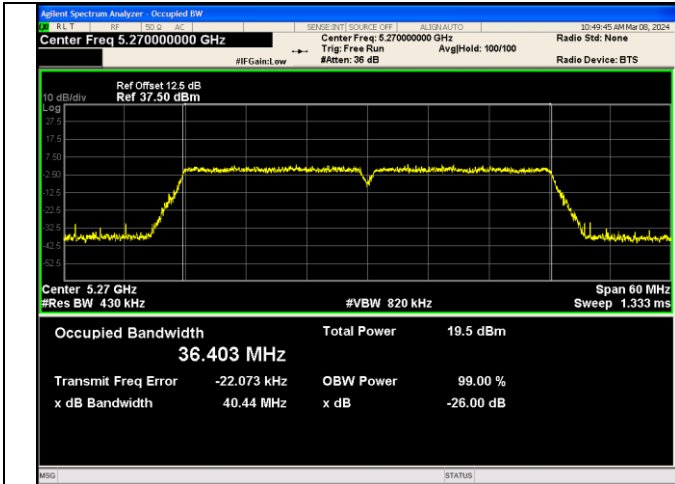
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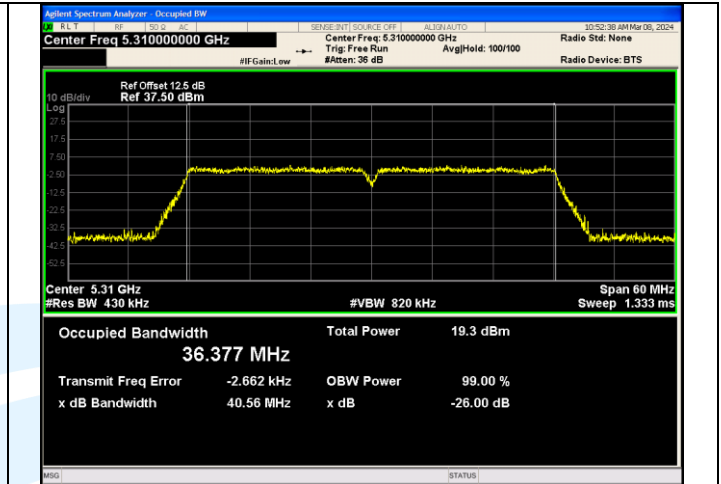
IEEE 802.11n_Channel 38_40MHz_Antenna 0



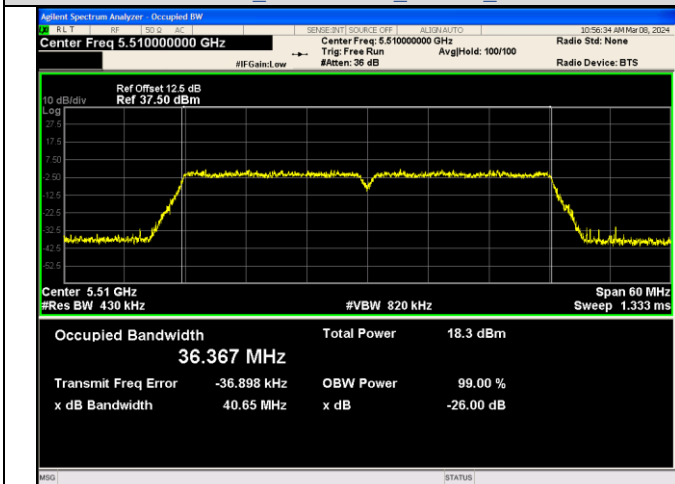
IEEE 802.11n_Channel 46_40MHz_Antenna 0



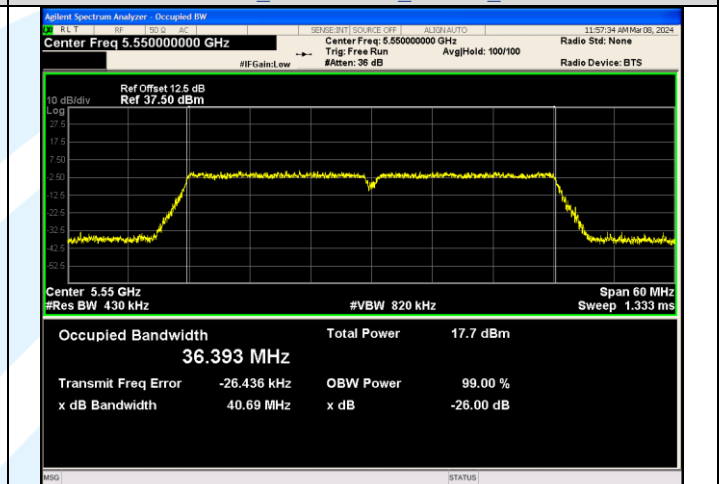
IEEE 802.11n_Channel 54_40MHz_Antenna 0



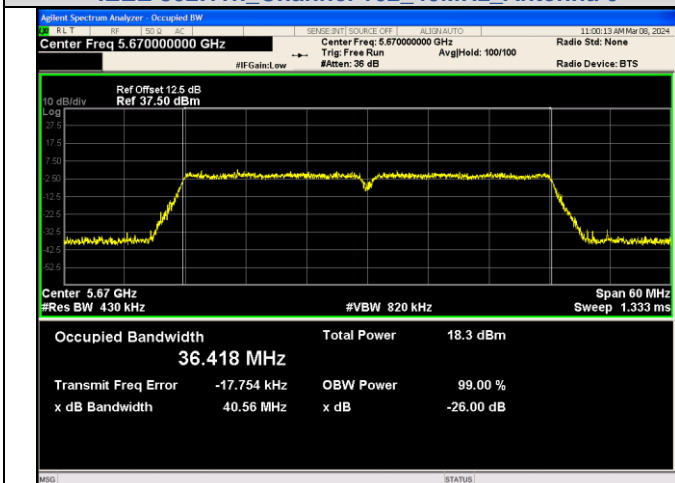
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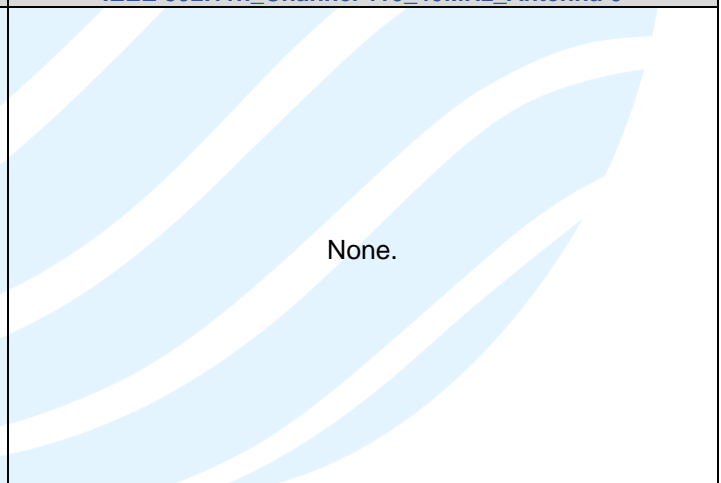
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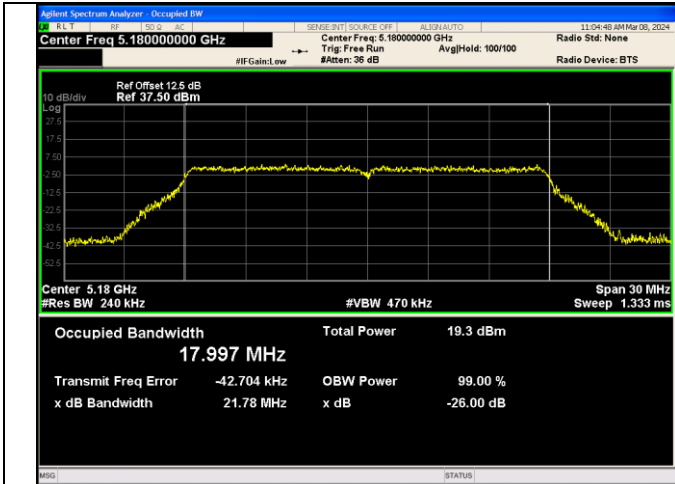
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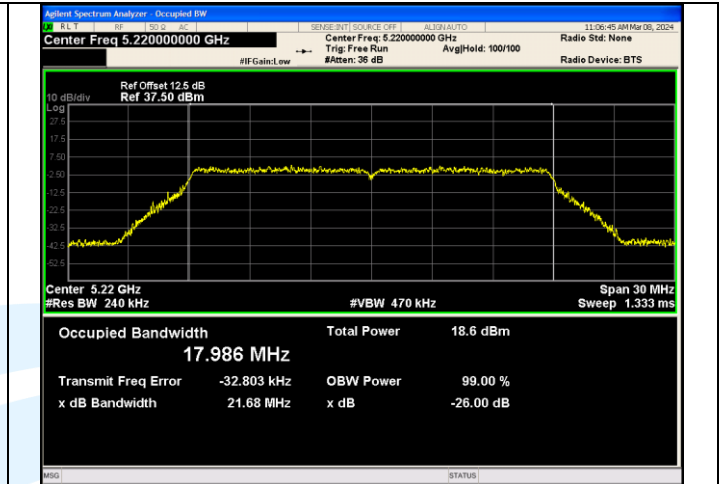
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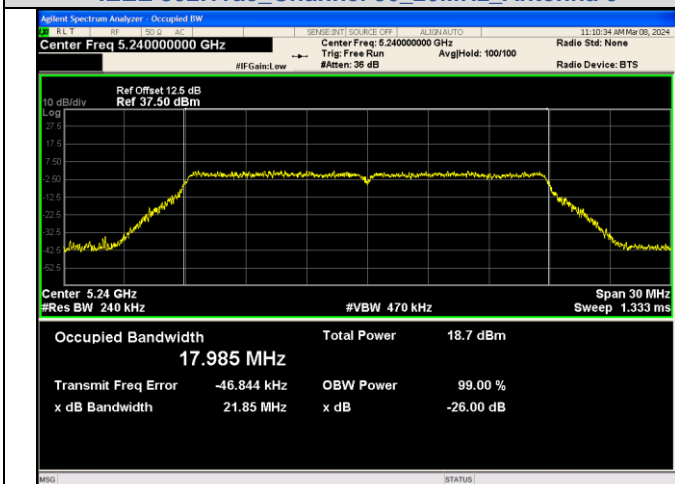
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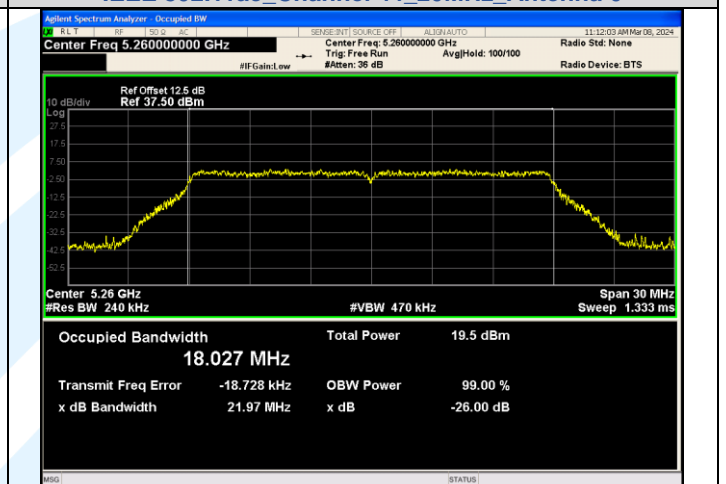
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



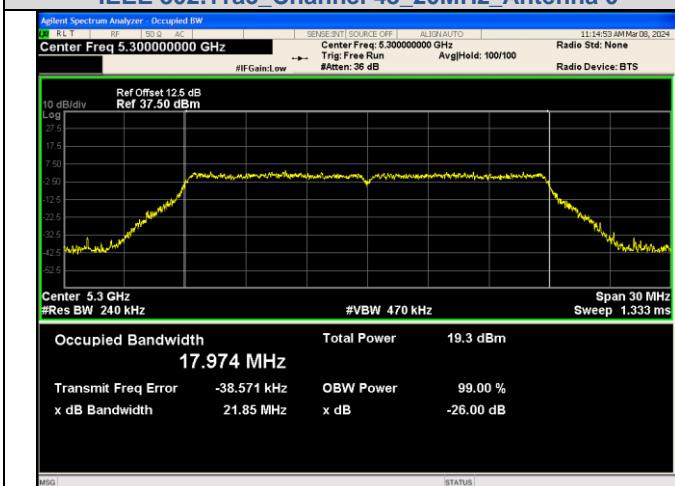
IEEE 802.11ac_Channel 44_20MHz_Antenna 0



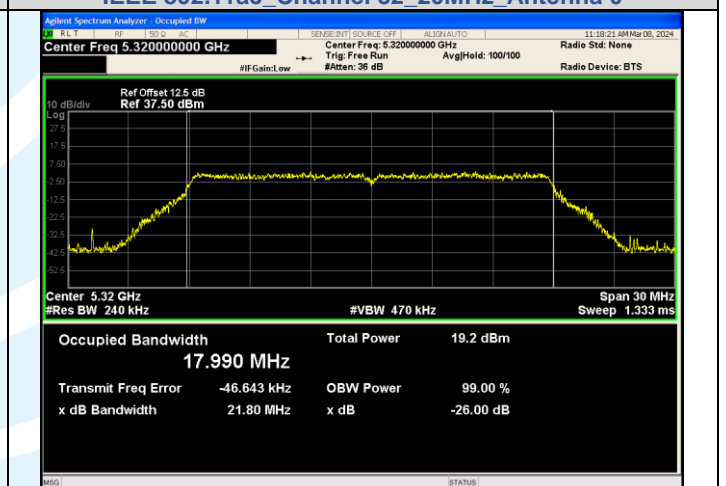
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



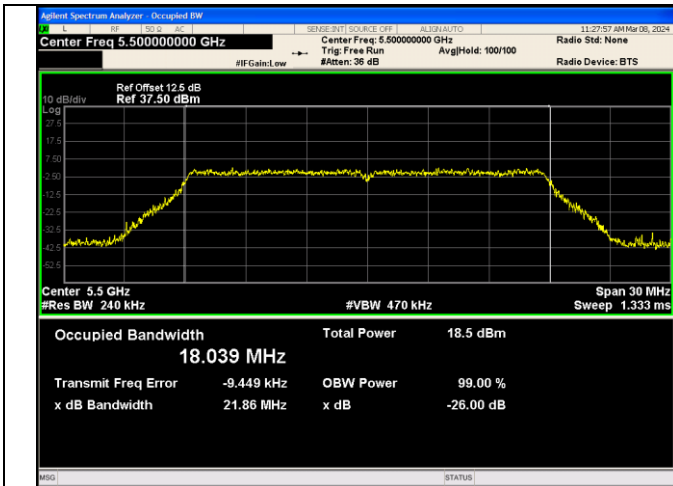
IEEE 802.11ac_Channel 52_20MHz_Antenna 0



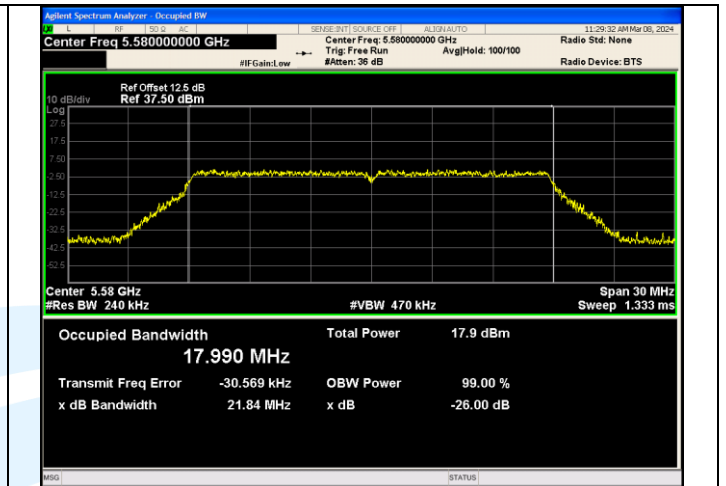
IEEE 802.11ac_Channel 60_20MHz_Antenna 0



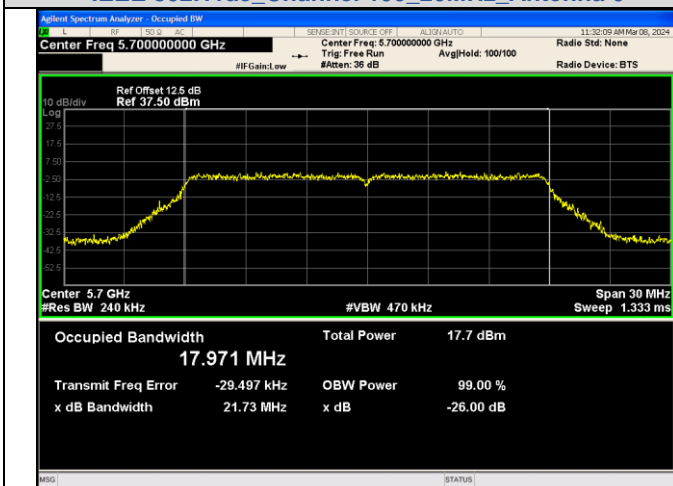
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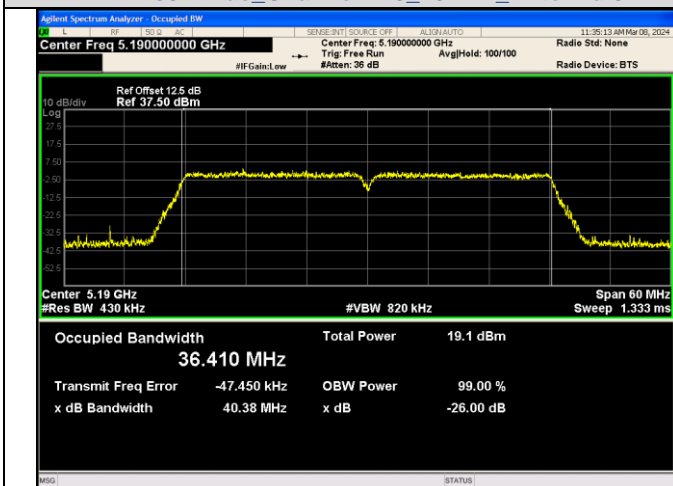
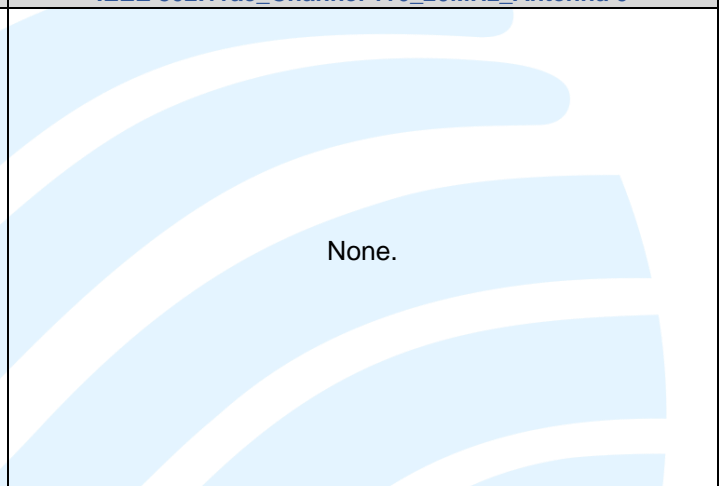
IEEE 802.11ac_Channel 100_20MHz_Antenna 0



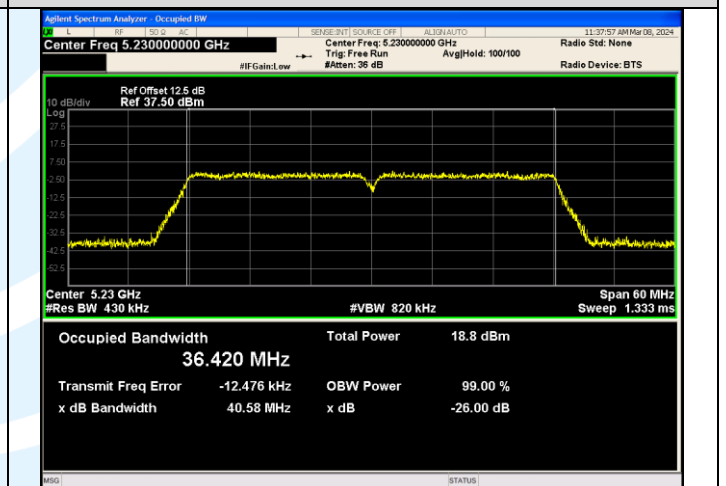
IEEE 802.11ac_Channel 116_20MHz_Antenna 0



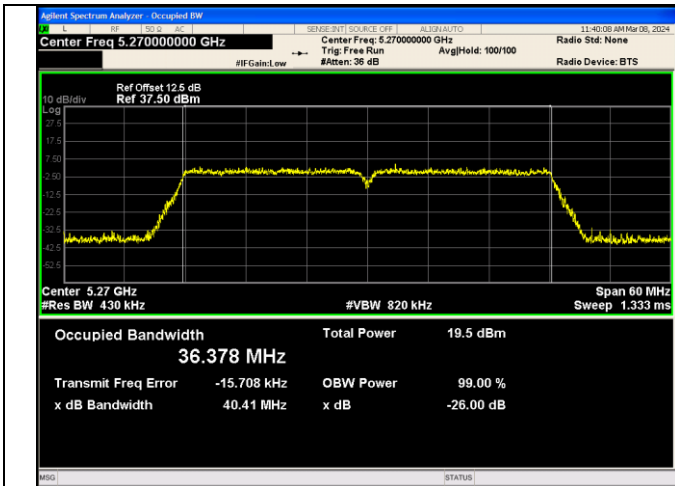
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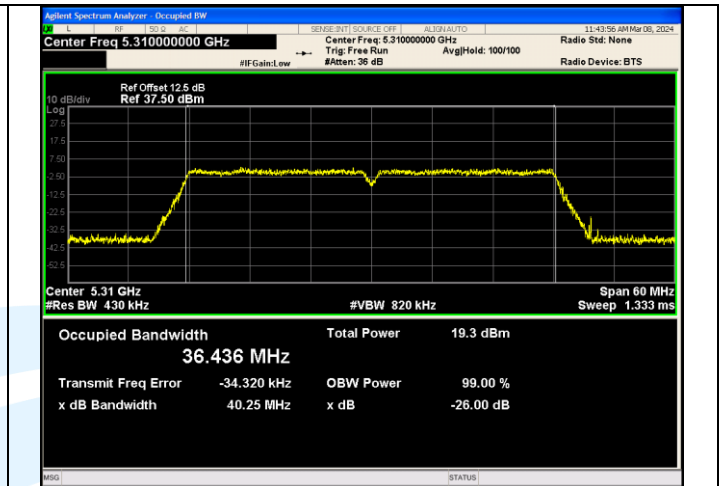
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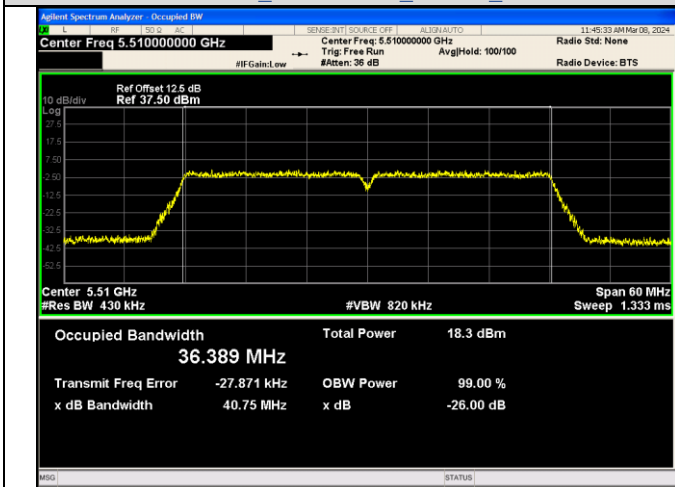
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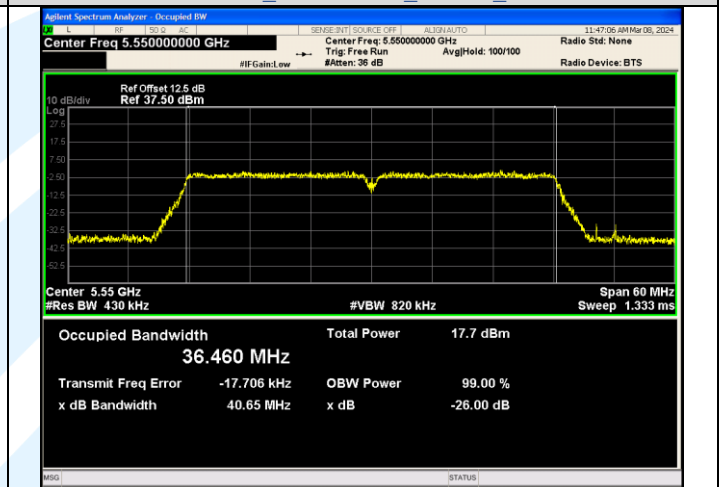
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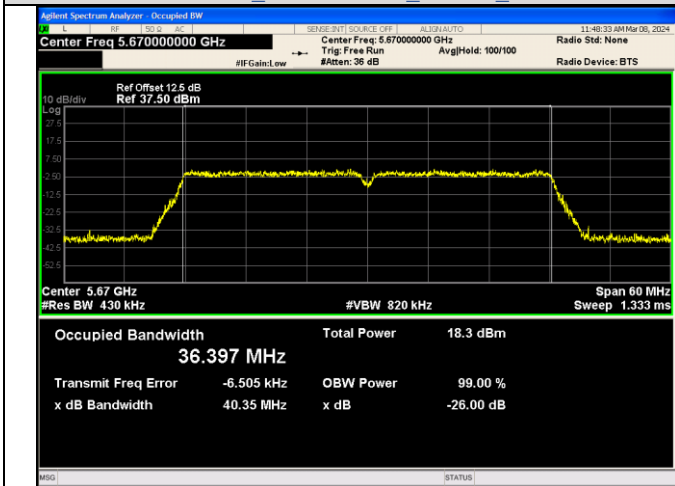
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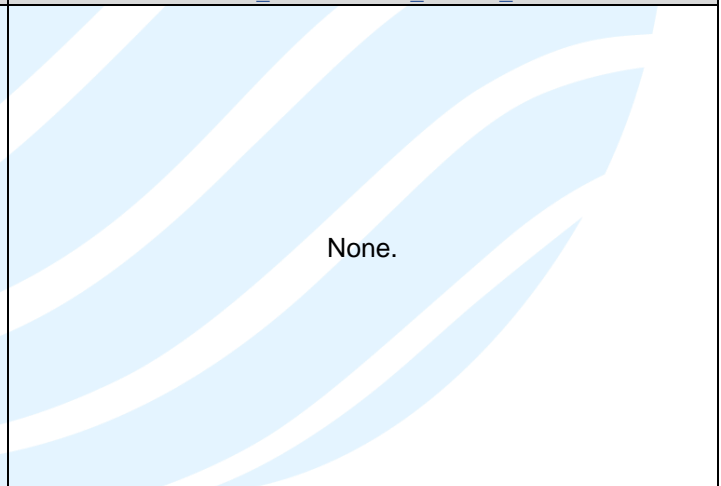
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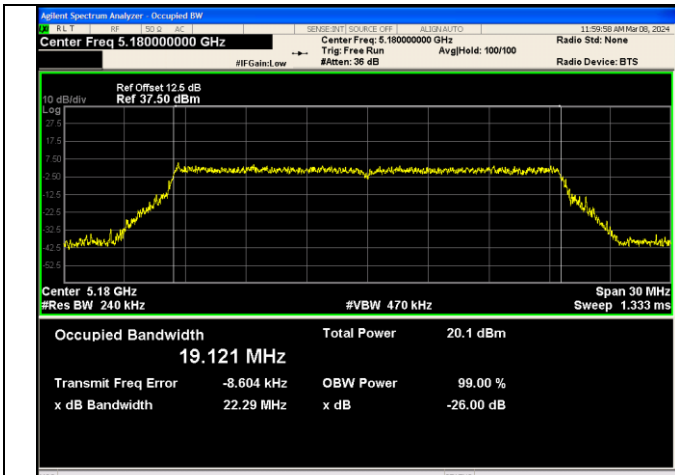


IEEE 802.11ac_Channel 110_40MHz_Antenna 0

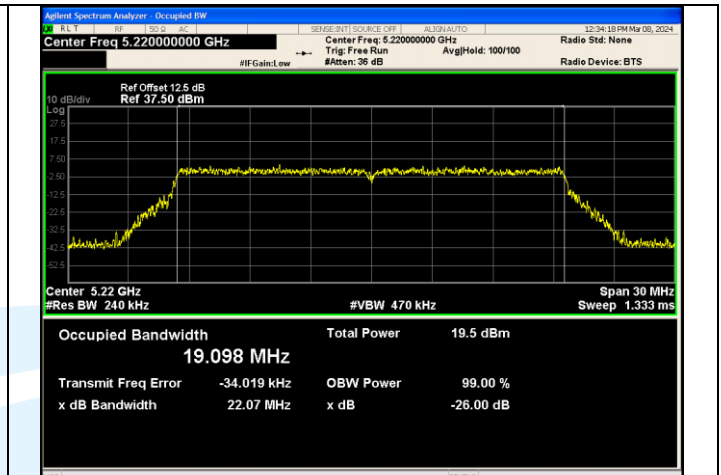


IEEE 802.11ac_Channel 134_40MHz_Antenna 0

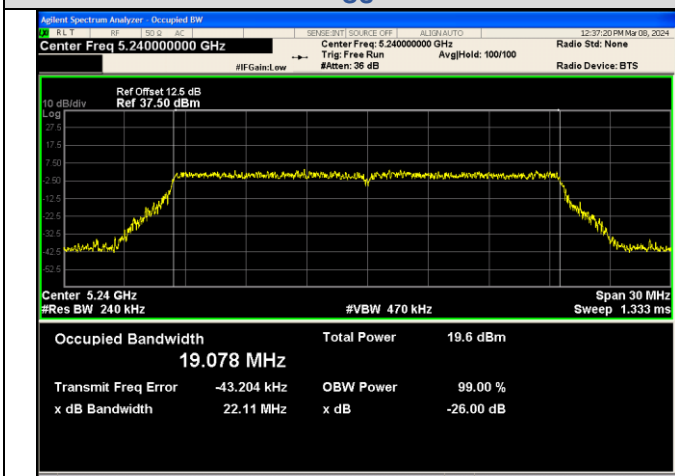




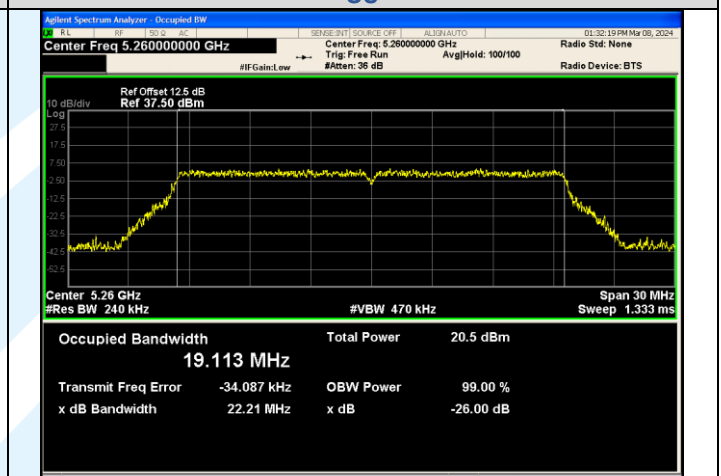
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



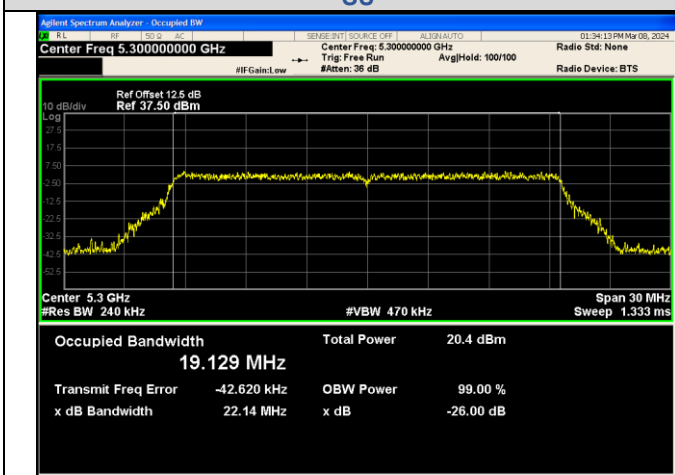
IEEE 802.11ax_Channel 44_20MHz_Antenna 0_RU&Index SU



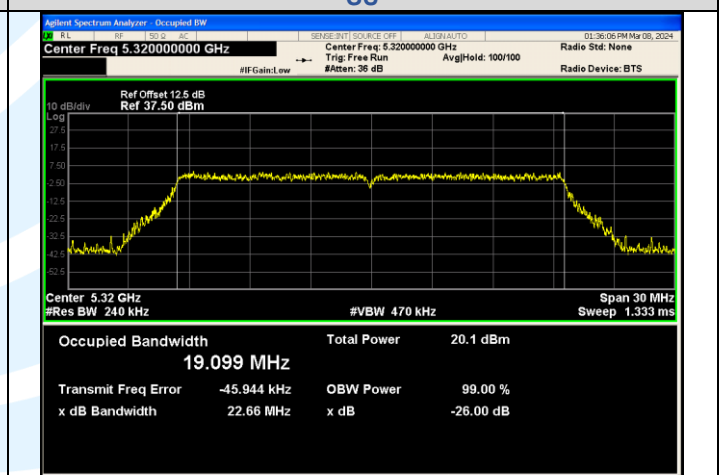
IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



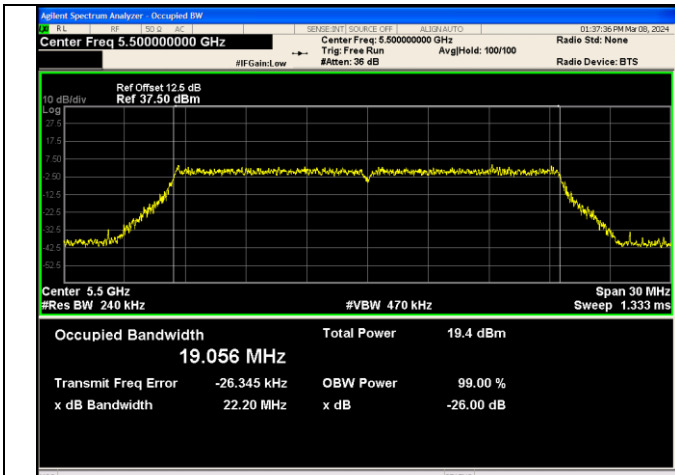
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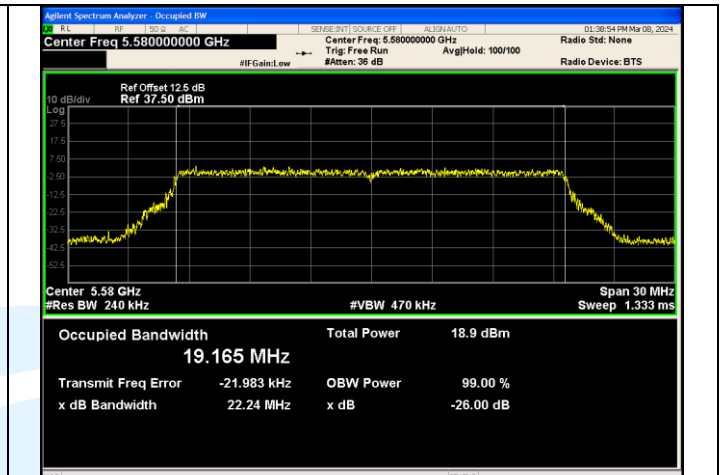
IEEE 802.11ax_Channel 60_20MHz_Antenna 0_RU&Index SU



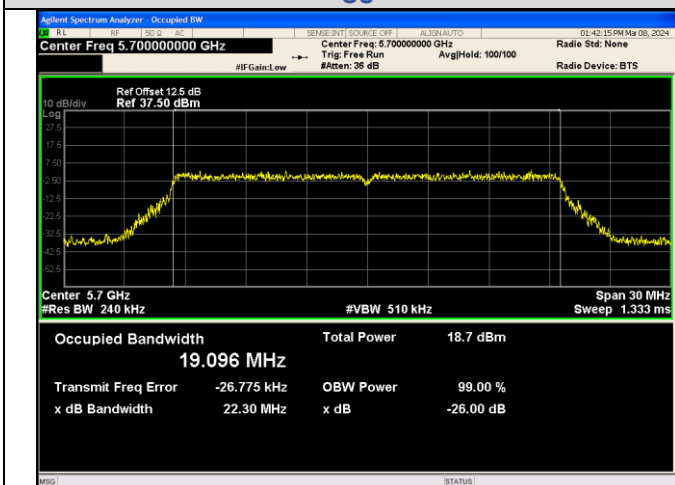
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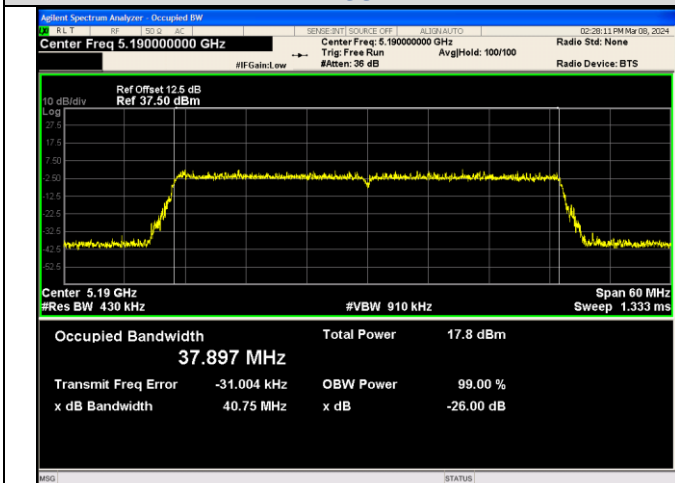
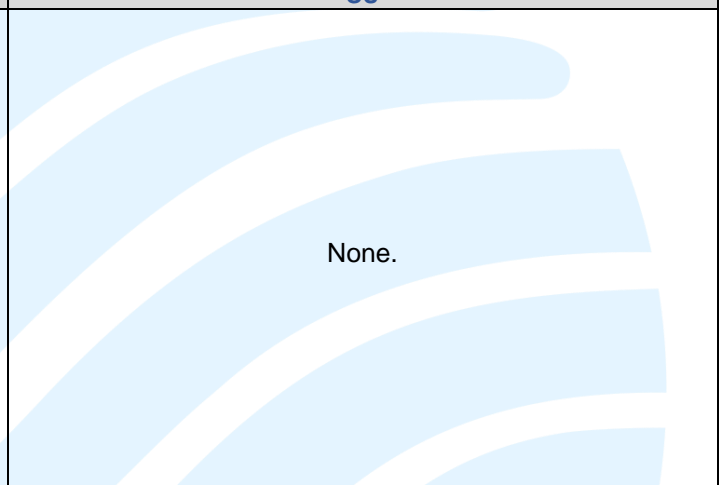
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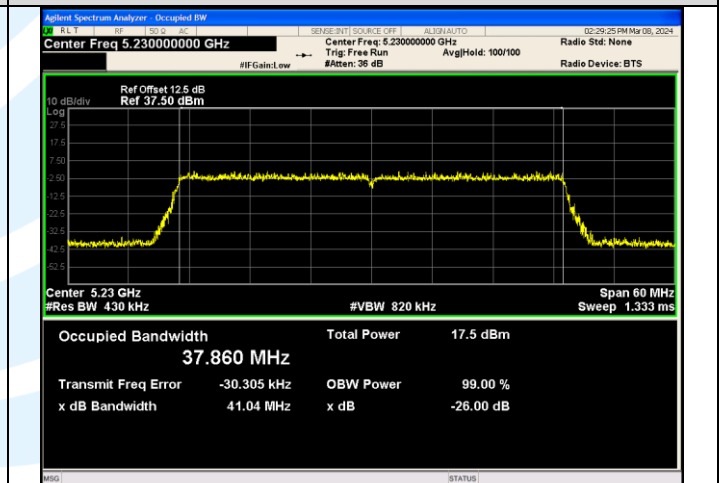
IEEE 802.11ax_Channel 116_20MHz_Antenna 0_RU&Index SU



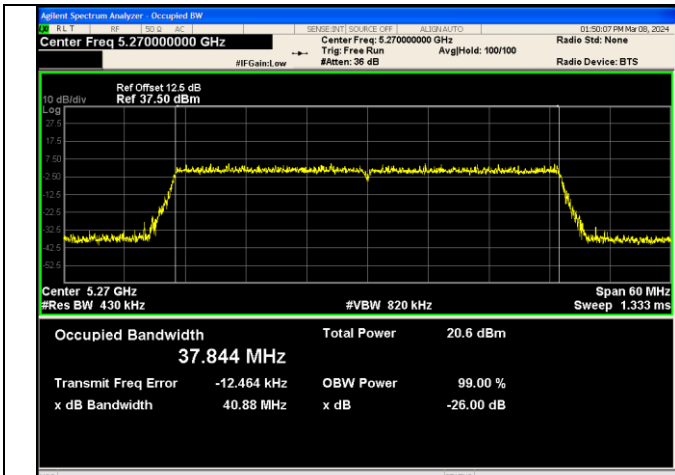
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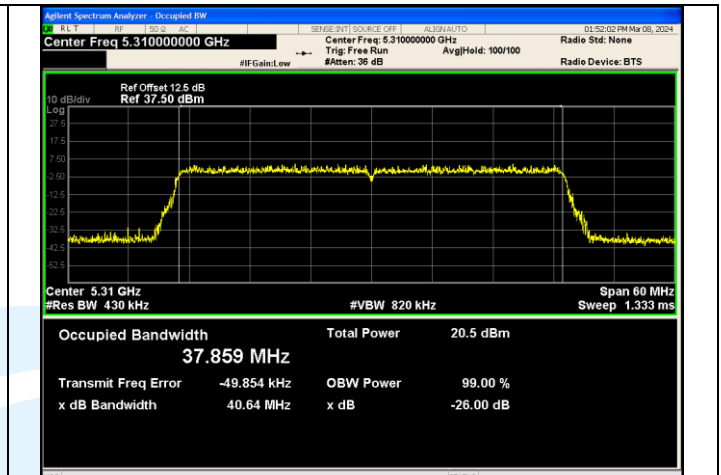
IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



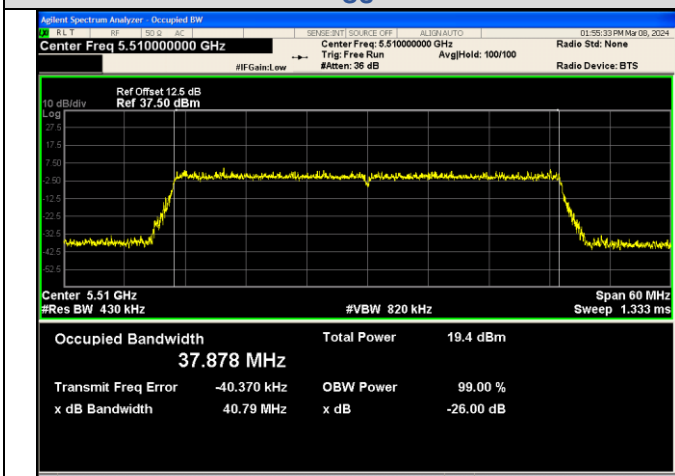
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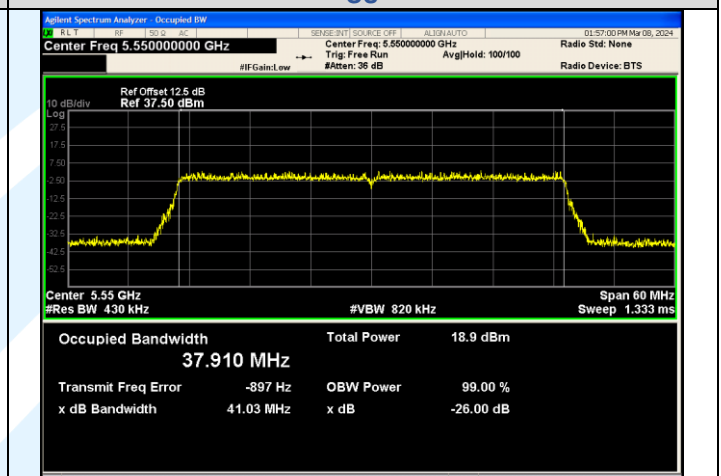
IEEE 802.11ax_Channel 54_40MHz_Antenna 0_RU&Index SU



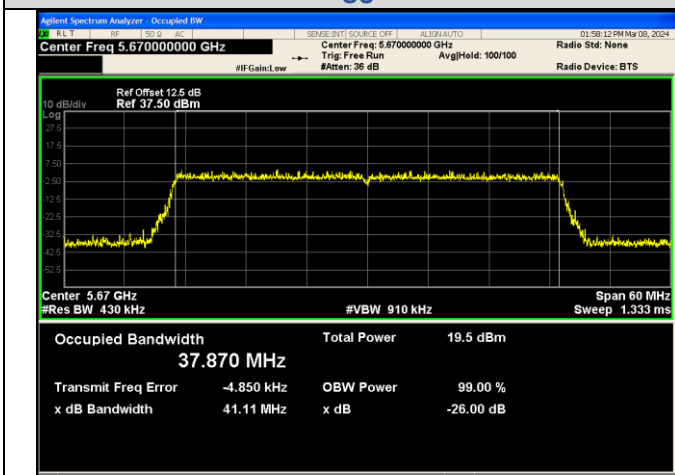
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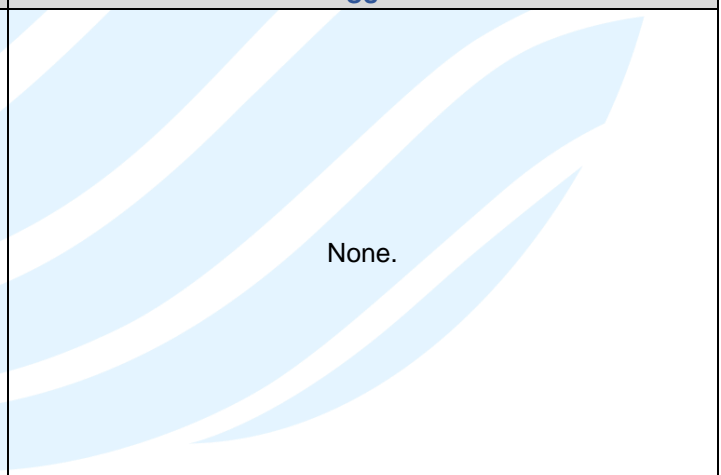
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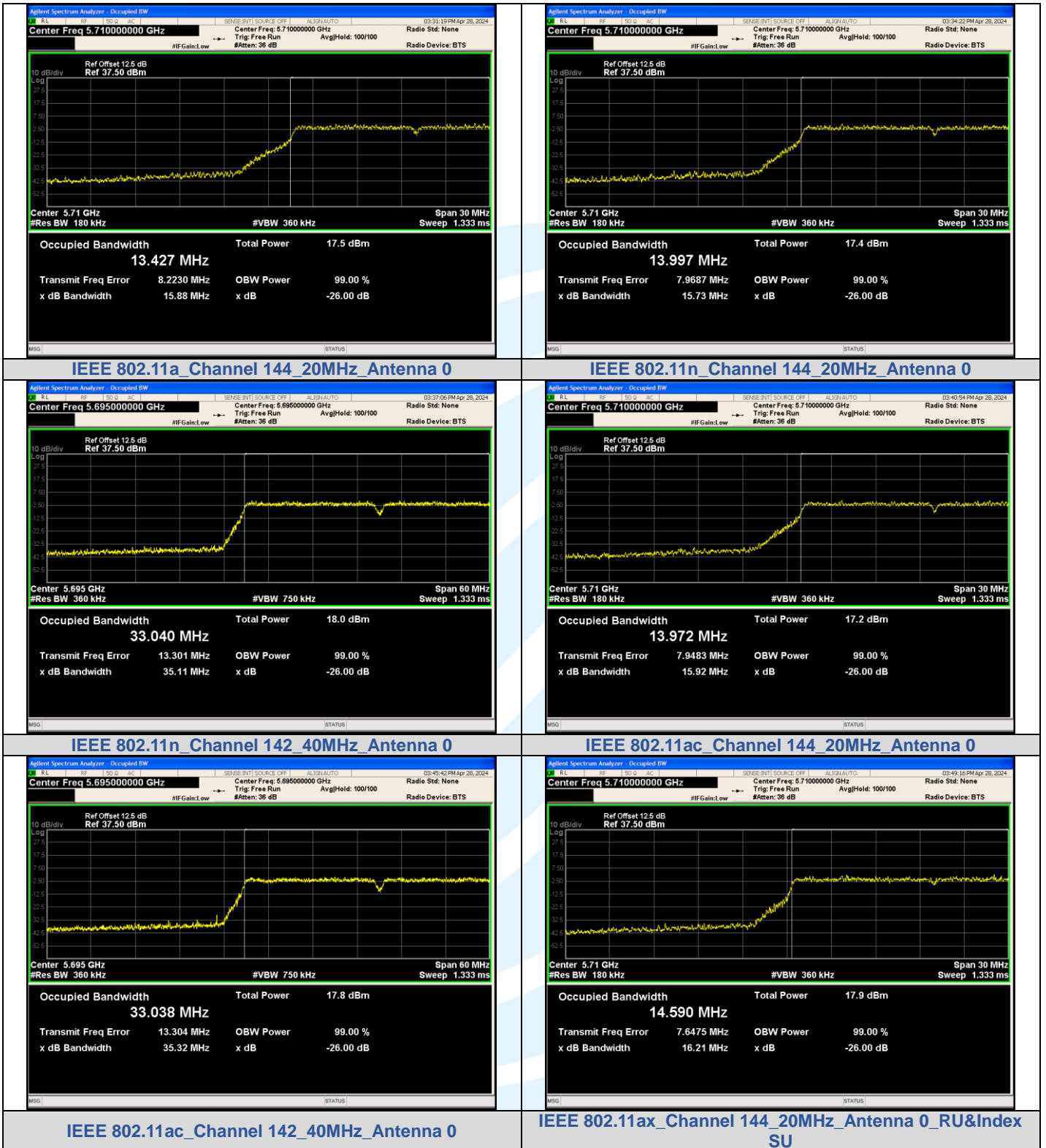


IEEE 802.11ax_Channel 110_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 134_40MHz_Antenna 0_RU&Index SU





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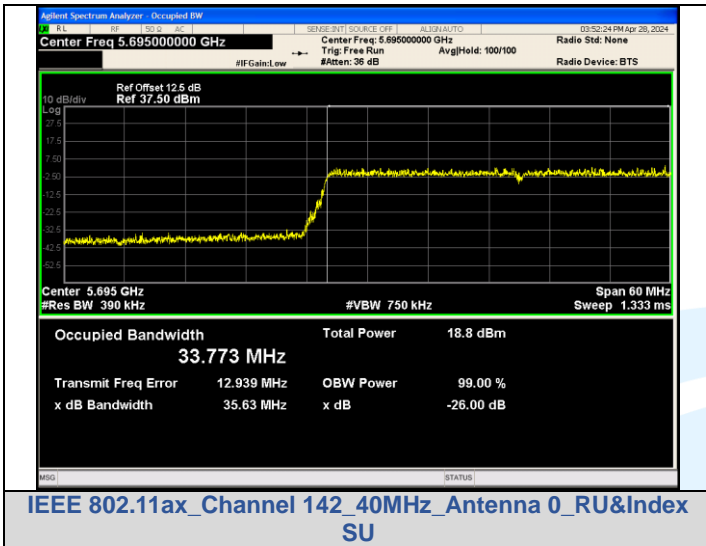
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A.3 PEAK POWER SPECTRAL DENSITY

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 E.I.R.P (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result			
IEEE 802.11a	36	N/A	3.355	3.475	8.015	10	PASS			
	44		2.442	2.562	7.102	10	PASS			
	48		2.801	2.921	7.461	10	PASS			
	52		3.536	3.656	8.196	10	PASS			
	60		3.359	3.479	8.019	10	PASS			
	64		3.235	3.355	7.895	10	PASS			
	100		2.261	2.381	-	11	PASS			
	116		1.720	1.840	-	11	PASS			
140	1.618		1.738	-	11	PASS				
IEEE 802.11n_20	36		N/A	2.941	3.081	7.621	10	PASS		
	44			2.076	2.216	6.756	10	PASS		
	48			2.146	2.286	6.826	10	PASS		
	52			3.595	3.735	8.275	10	PASS		
	60			3.069	3.209	7.749	10	PASS		
	64			2.767	2.907	7.447	10	PASS		
	100			2.018	2.158	-	11	PASS		
	116			1.323	1.463	-	11	PASS		
140	1.180			1.320	-	11	PASS			
IEEE 802.11n_40	38			N/A	-0.188	0.022	4.562	10	PASS	
	46				-0.739	-0.529	4.011	10	PASS	
	54				0.044	0.254	4.794	10	PASS	
	62				-0.191	0.019	4.559	10	PASS	
	102				-1.302	-1.092	-	11	PASS	
	110				-1.668	-1.458	-	11	PASS	
134	-1.321				-1.111	-	11	PASS		
IEEE 802.11ac_20	36				N/A	3.201	3.321	7.861	10	PASS
	44					2.014	2.134	6.674	10	PASS
	48					2.546	2.666	7.206	10	PASS
	52	3.395				3.515	8.055	10	PASS	
	60	3.036				3.156	7.696	10	PASS	
	64	2.862				2.982	7.522	10	PASS	
	100	2.212				2.332	-	11	PASS	
	116	1.367				1.487	-	11	PASS	
140	1.048	1.168				-	11	PASS		
IEEE 802.11ac_40	38	N/A				-0.194	-0.074	4.466	10	PASS
	46					-0.633	-0.513	4.027	10	PASS
	54					-0.154	-0.034	4.506	10	PASS
	62		-0.080			0.040	4.580	10	PASS	
	102		-1.065			-0.945	-	11	PASS	
	110		-1.601			-1.481	-	11	PASS	
134	-1.362		-1.242			-	11	PASS		
IEEE 802.11ax_20	36		SU			2.660	2.820	7.360	10	PASS
	44					1.917	2.077	6.617	10	PASS
	48					2.298	2.458	6.998	10	PASS
	52					2.927	3.087	7.627	10	PASS
	60					2.721	2.881	7.421	10	PASS
	64			3.155		3.315	7.855	10	PASS	
	100			1.459		1.619	-	11	PASS	
	116			1.395		1.555	-	11	PASS	
140	1.265			1.425		-	11	PASS		
IEEE 802.11ax_40	38			SU		-2.812	-2.642	1.898	10	PASS
	46					-3.099	-2.929	1.611	10	PASS
	54					-0.138	0.032	4.572	10	PASS
	62				-0.253	-0.083	4.457	10	PASS	
	102				-1.146	-0.976	-	11	PASS	
110	-2.054				-1.884	-	11	PASS		

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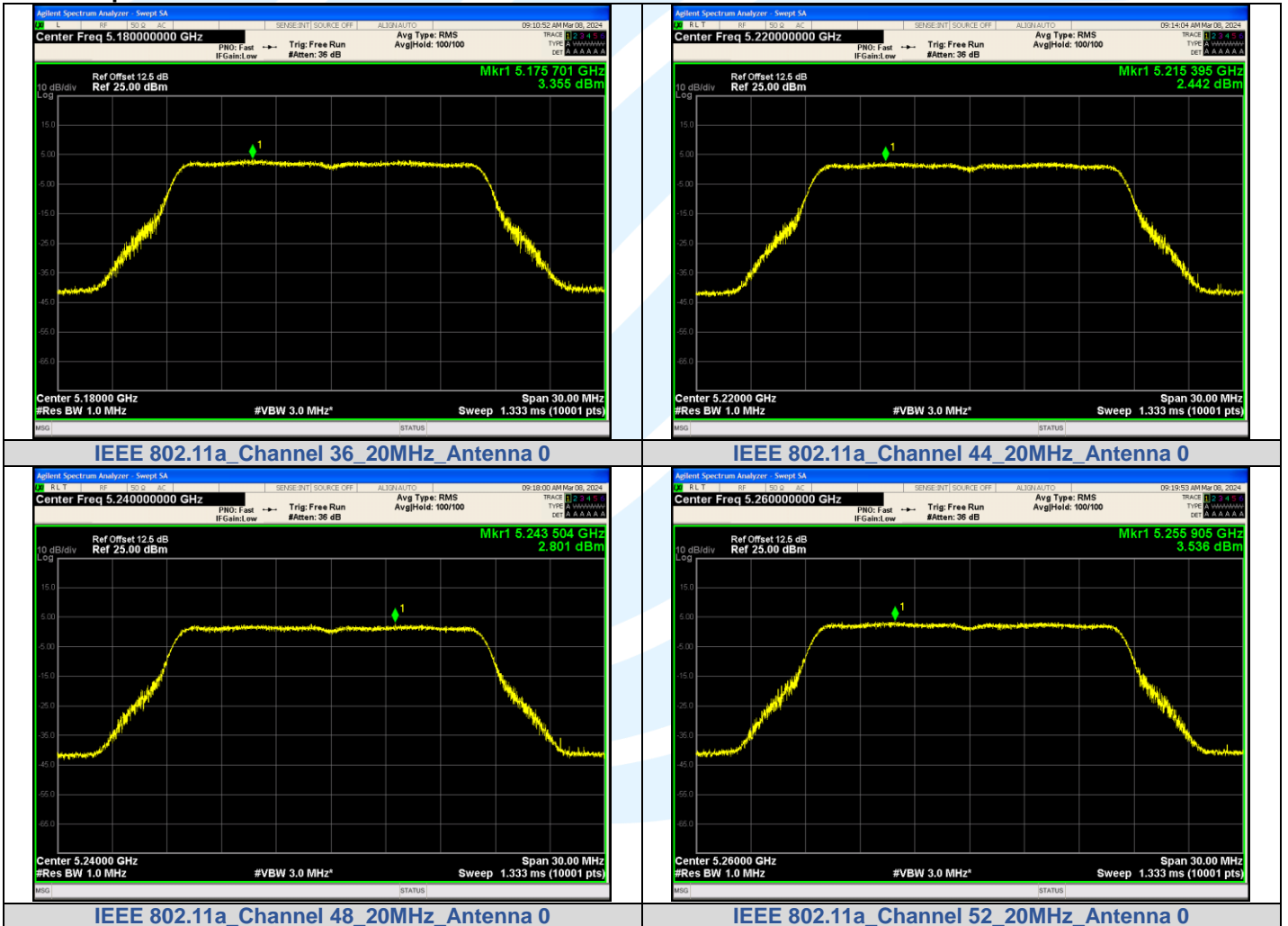
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134	-1.484	-1.314	-	11	PASS
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Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	144	N/A	2.293	2.413	11	PASS
IEEE 802.11n_20	144		1.840	1.980		PASS
IEEE 802.11n_40	142		-1.018	-0.808		PASS
IEEE 802.11ac_20	144		1.817	1.937		PASS
IEEE 802.11ac_40	142		-1.390	-1.270		PASS
IEEE 802.11ax_20	144		SU	1.370		1.530
IEEE 802.11ax_40	142	-1.516		-1.346	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

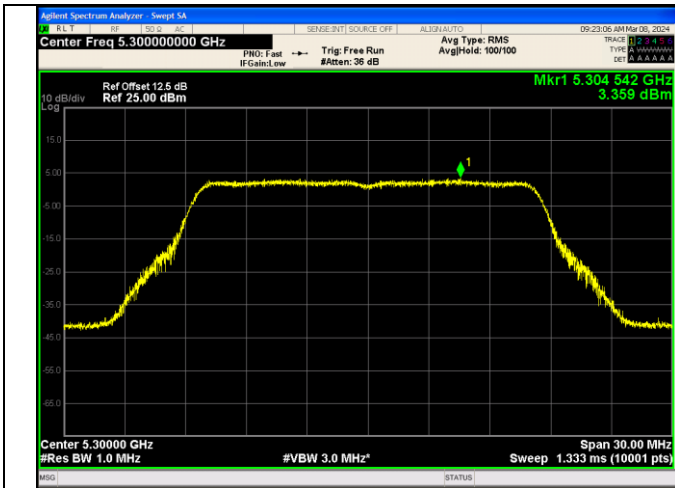
Tel: +86-755-28230888

Fax: +86-755-28230886

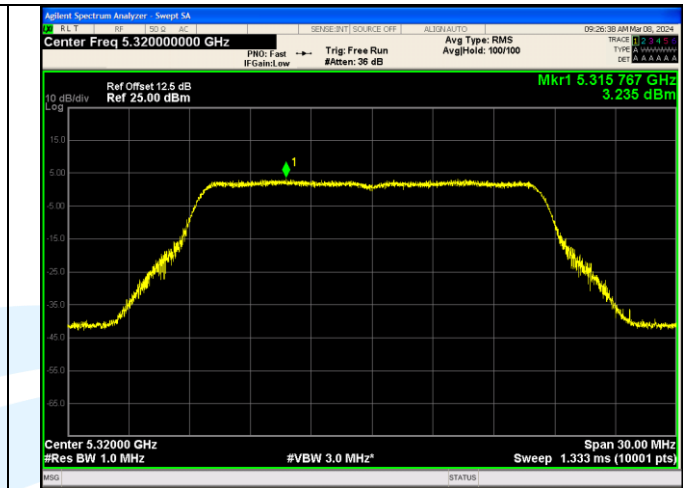
E-mail: info@uttlab.com

<http://www.uttlab.com>

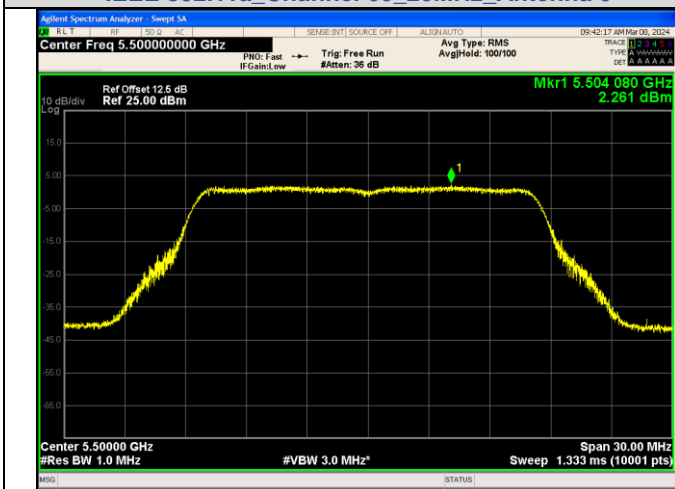
UTTR-RF-RSS247-V1.1



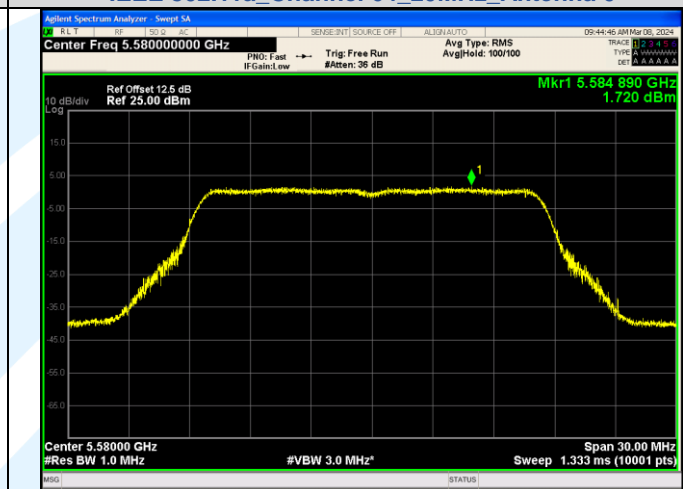
IEEE 802.11a_Channel 60_20MHz_Antenna 0



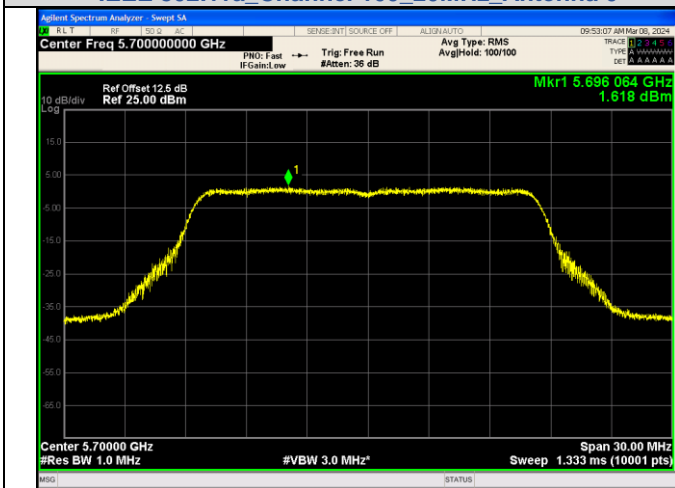
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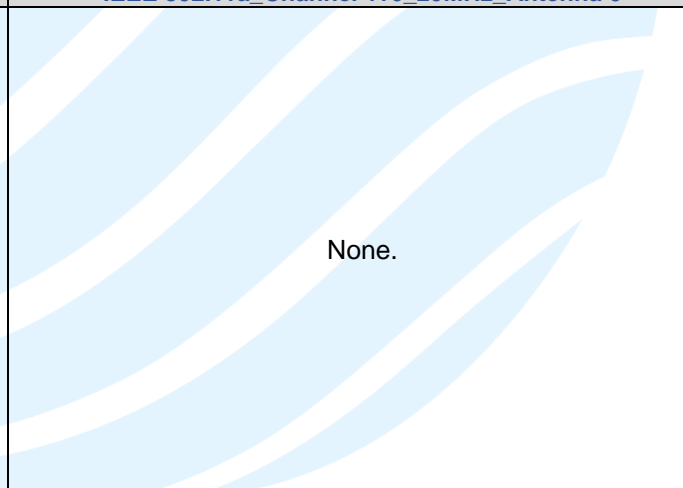
IEEE 802.11a_Channel 100_20MHz_Antenna 0



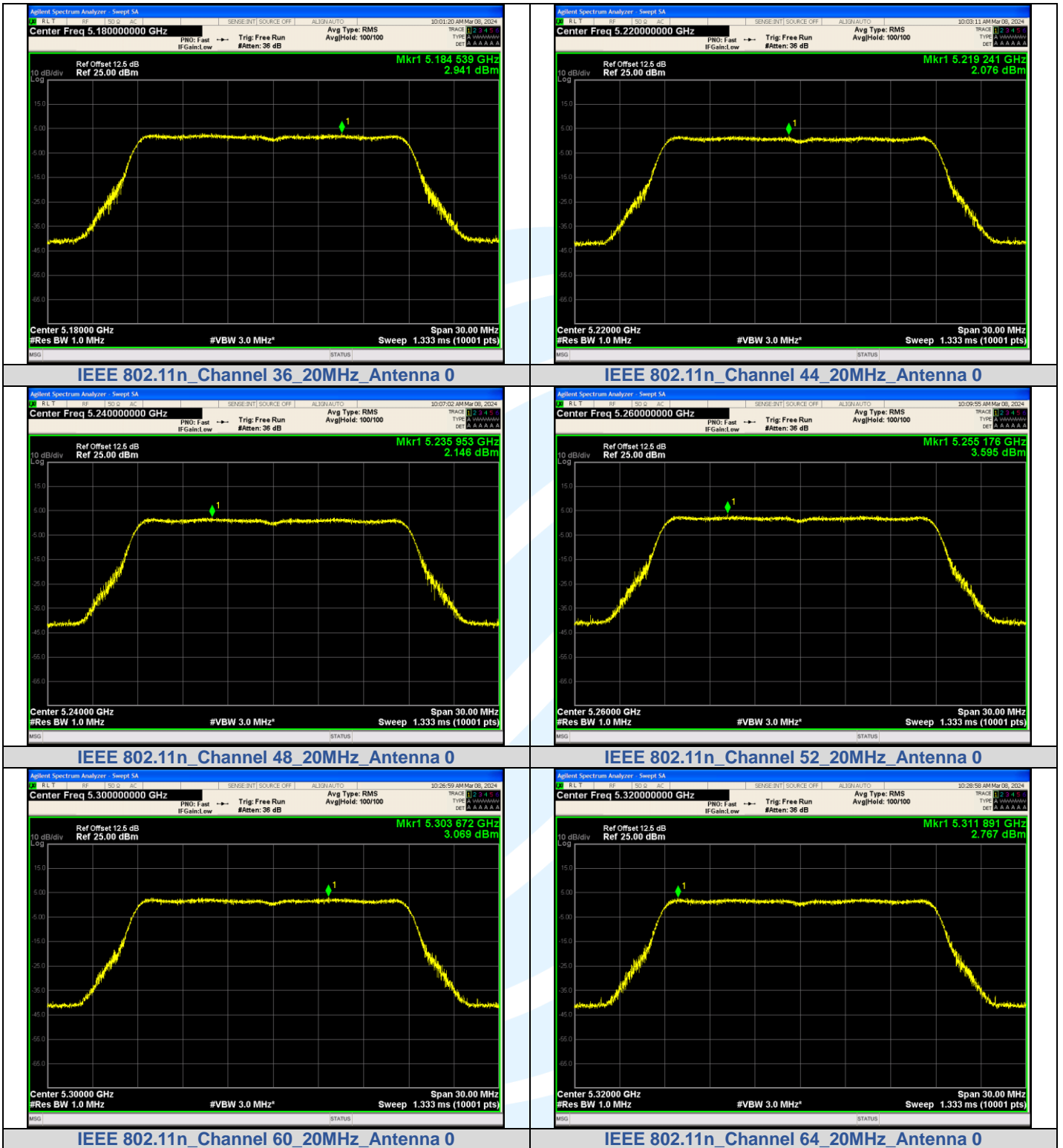
IEEE 802.11a_Channel 116_20MHz_Antenna 0



IEEE 802.11a_Channel 140_20MHz_Antenna 0



None.



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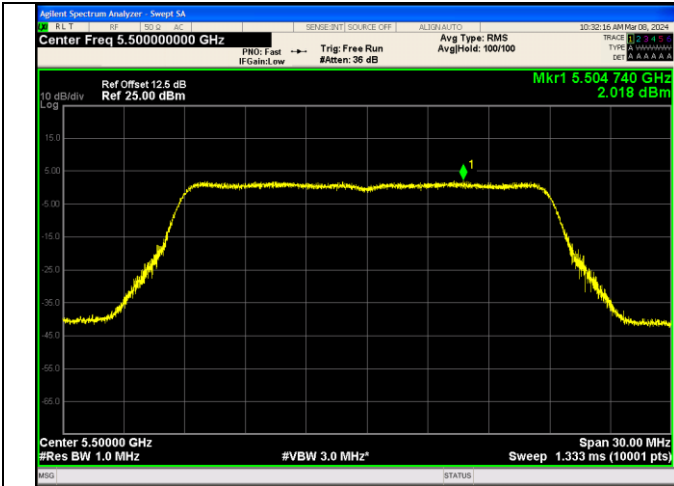
Tel: +86-755-28230888

Fax: +86-755-28230886

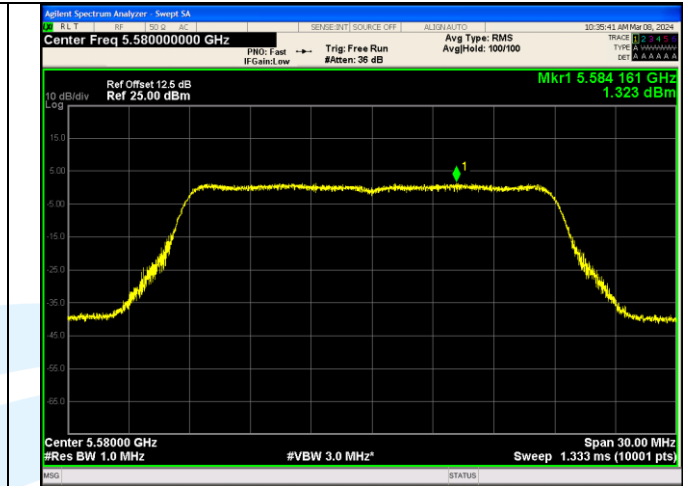
E-mail: info@uttlab.com

<http://www.uttlab.com>

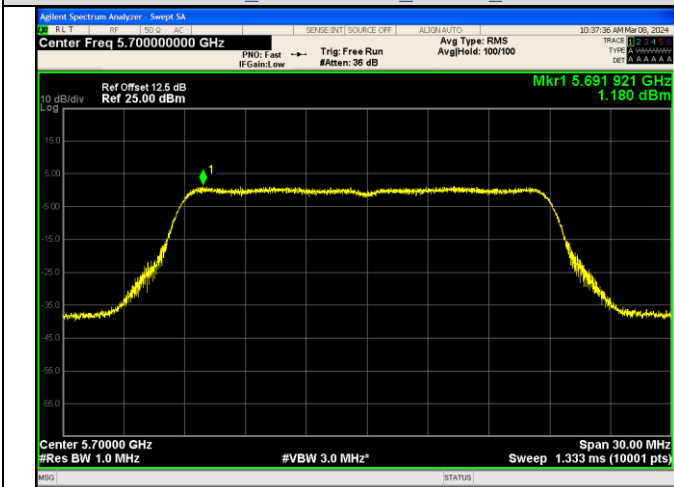
UTTR-RF-RSS247-V1.1



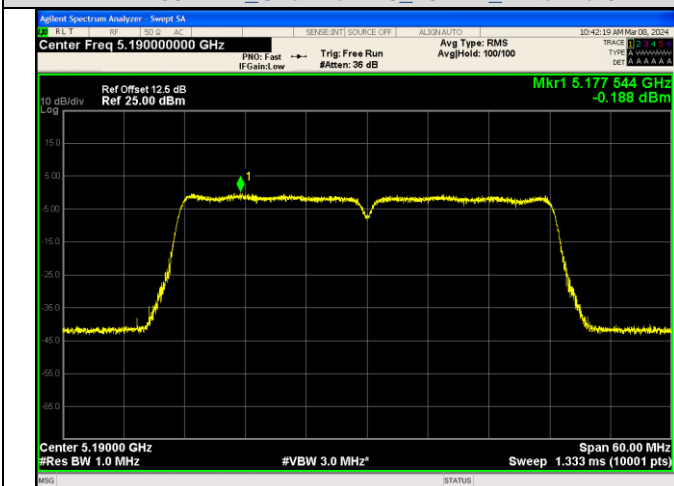
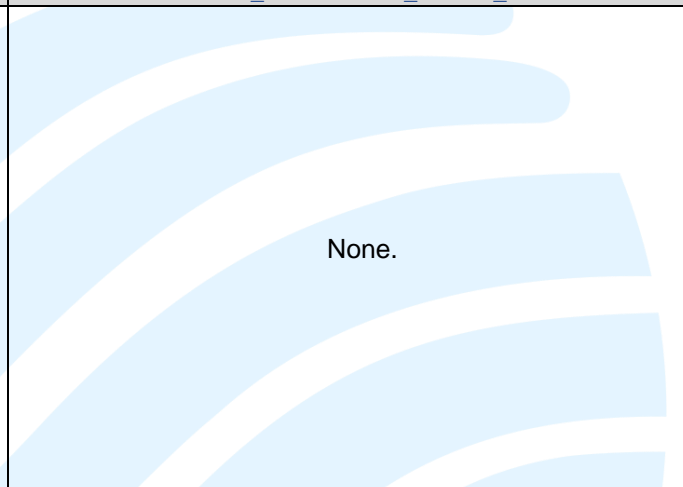
IEEE 802.11n_Channel 100_20MHz_Antenna 0



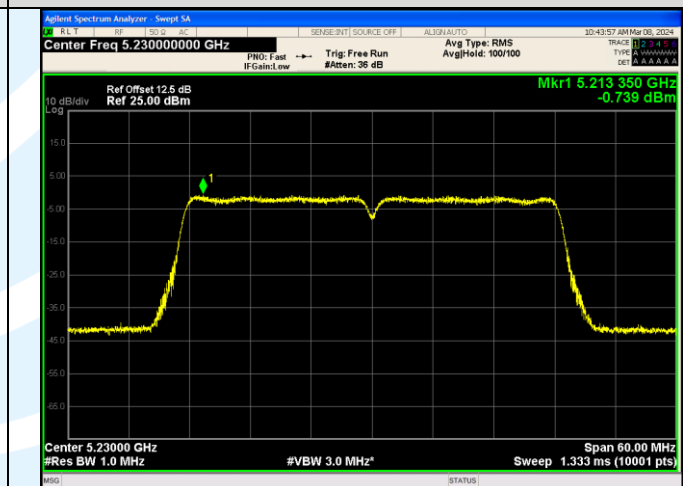
IEEE 802.11n_Channel 116_20MHz_Antenna 0



IEEE 802.11n_Channel 140_20MHz_Antenna 0



IEEE 802.11n_Channel 38_40MHz_Antenna 0



IEEE 802.11n_Channel 46_40MHz_Antenna 0