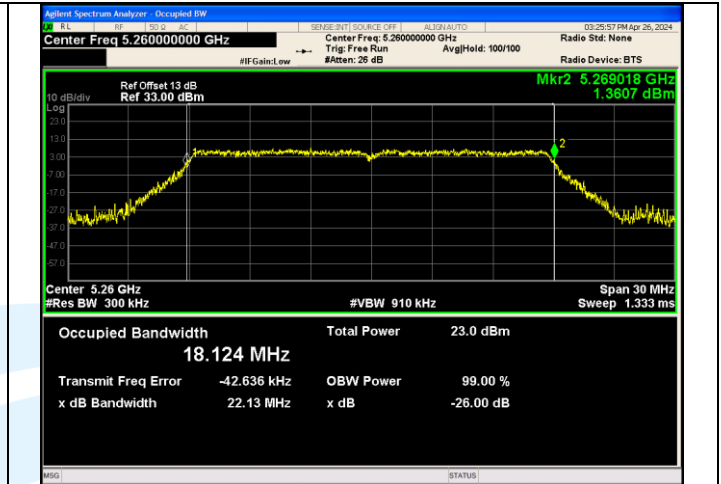
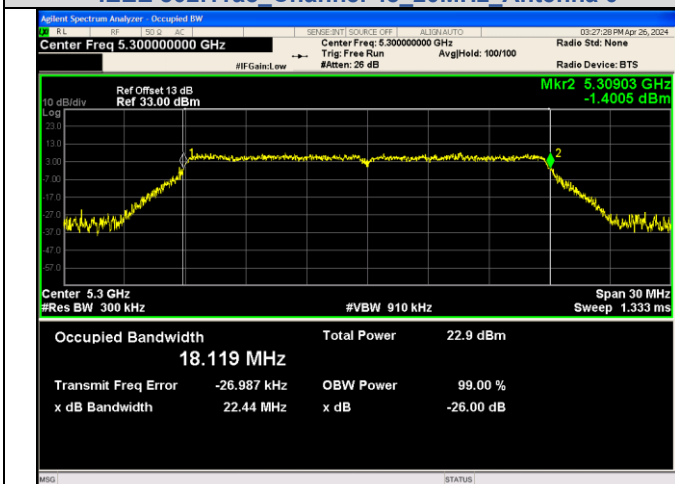


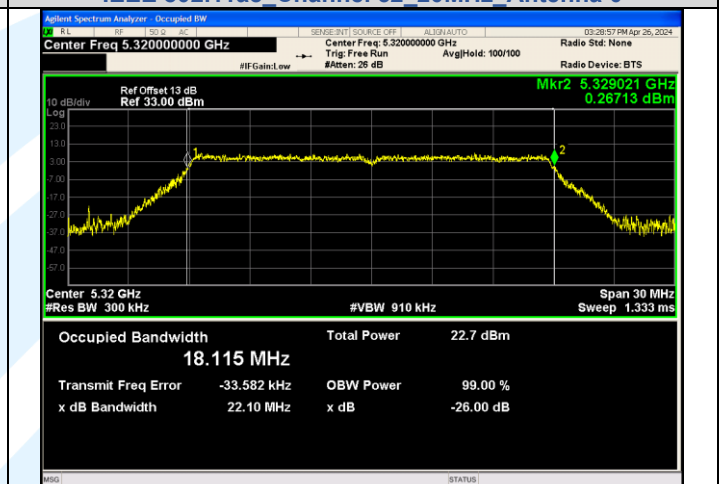
IEEE 802.11ac Channel 48 20MHz Antenna 0



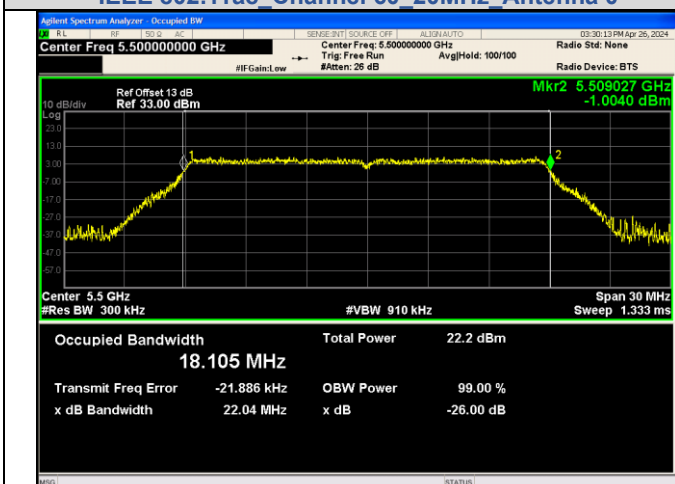
IEEE 802.11ac Channel 52 20MHz Antenna 0



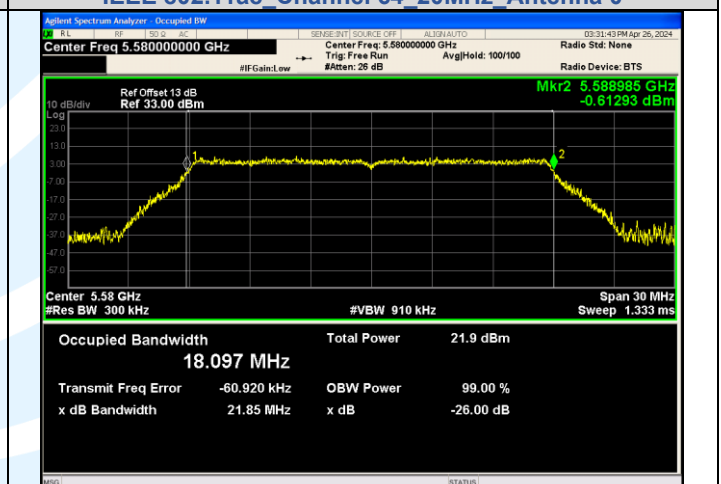
IEEE 802.11ac Channel 60 20MHz Antenna 0



IEEE 802.11ac Channel 64 20MHz Antenna 0



IEEE 802.11ac Channel 100 20MHz Antenna 0



IEEE 802.11ac Channel 116 20MHz Antenna 0

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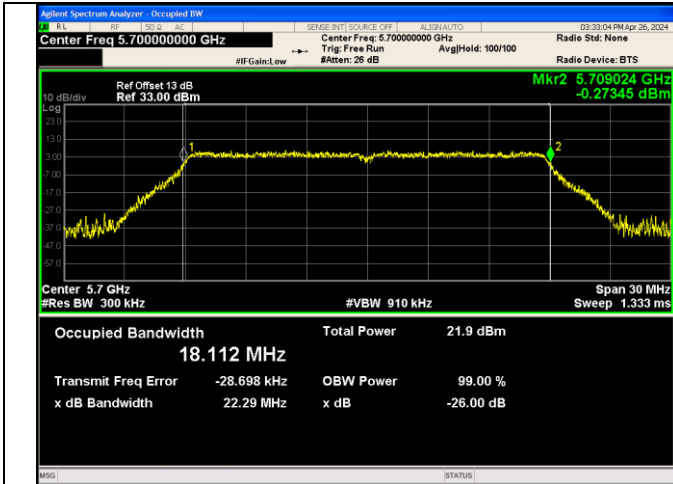
Tel: +86-755-28230888

Fax: +86-755-28230886

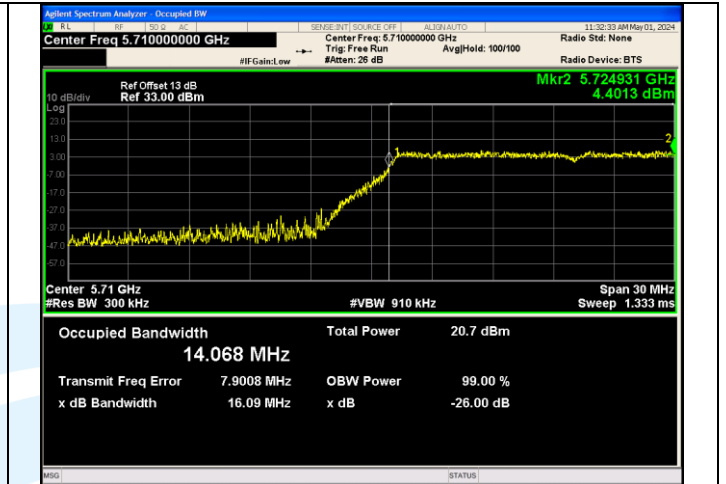
E-mail: info@uttlab.com

<http://www.uttlab.com>

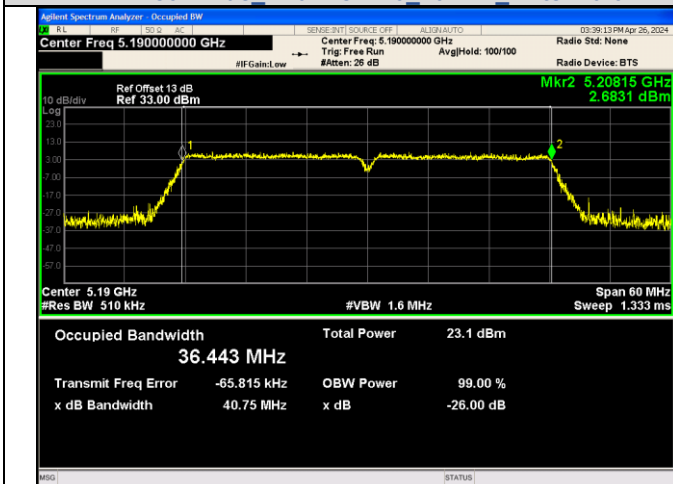
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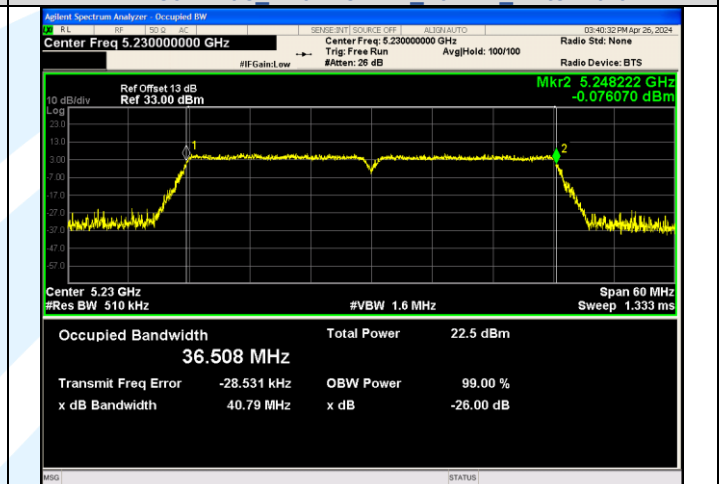
IEEE 802.11ac Channel 140 20MHz Antenna 0



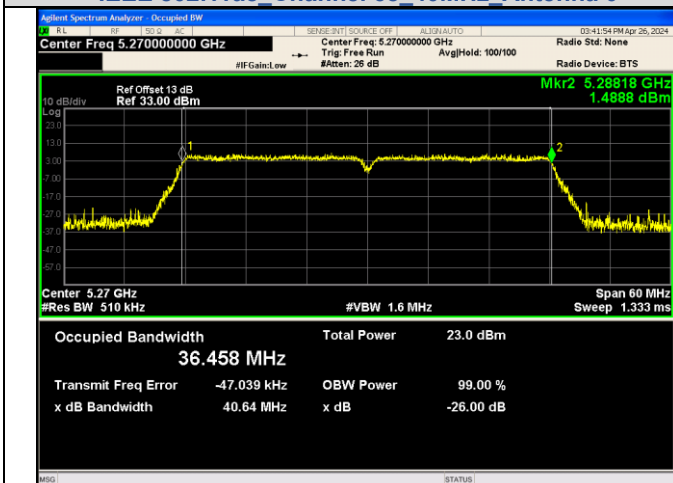
IEEE 802.11ac Channel 144 20MHz Antenna 0



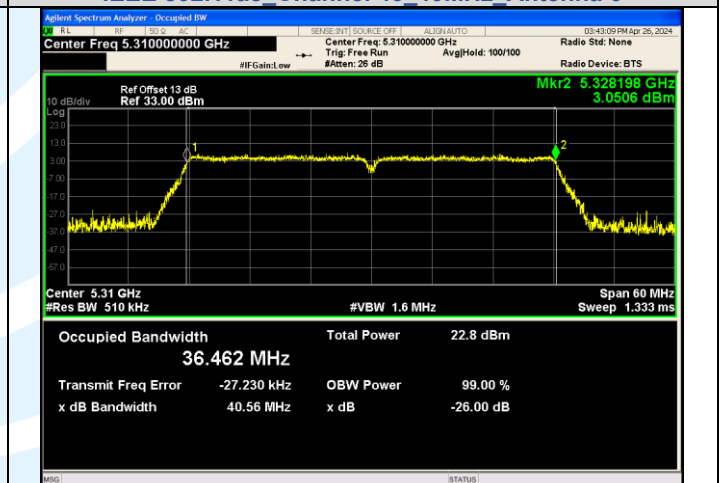
IEEE 802.11ac Channel 38 40MHz Antenna 0



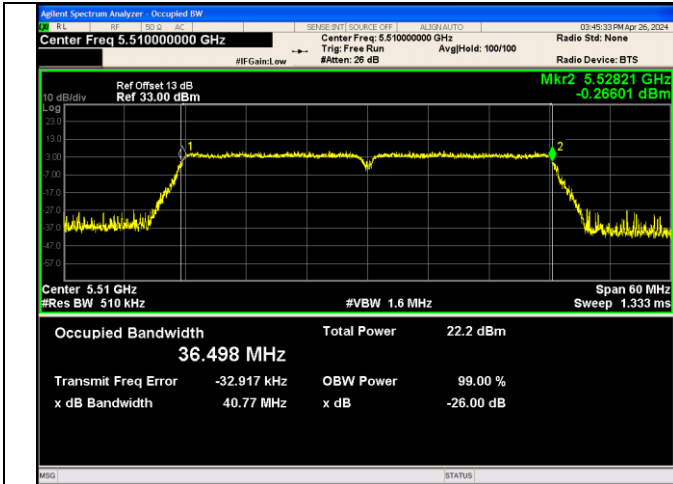
IEEE 802.11ac Channel 46 40MHz Antenna 0



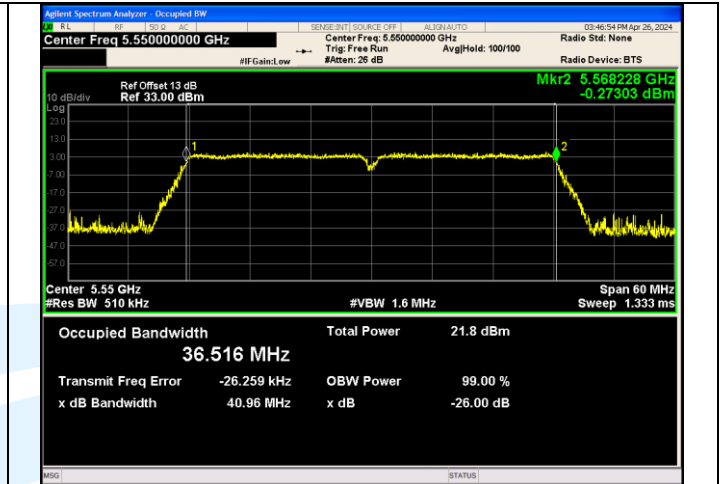
IEEE 802.11ac Channel 54 40MHz Antenna 0



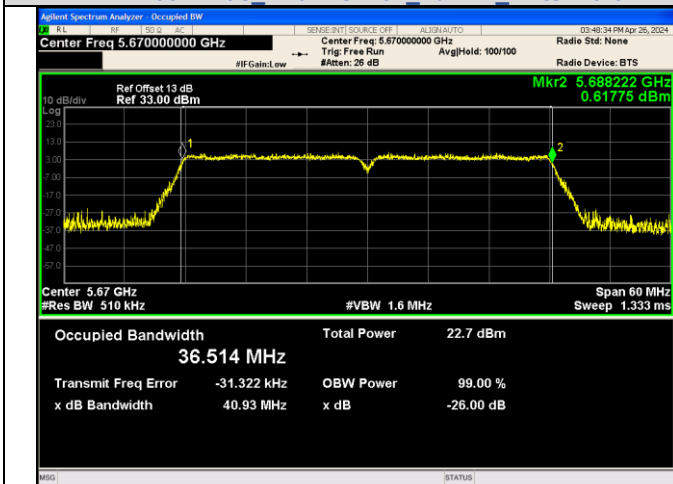
IEEE 802.11ac Channel 62 40MHz Antenna 0



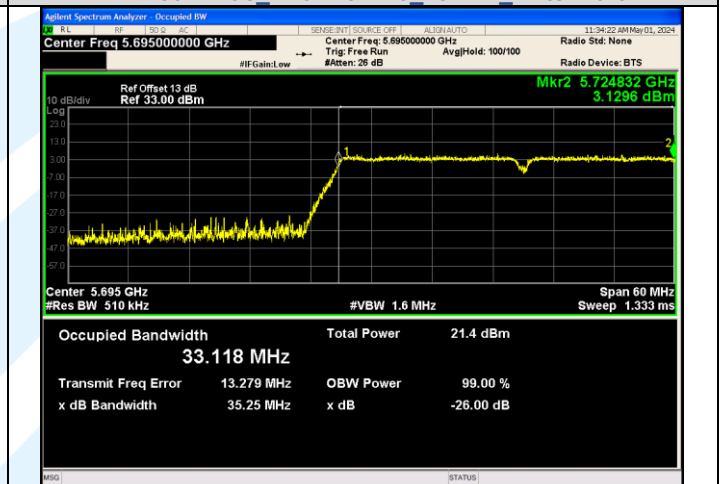
IEEE 802.11ac_Channel 102_40MHz_Antenna 0



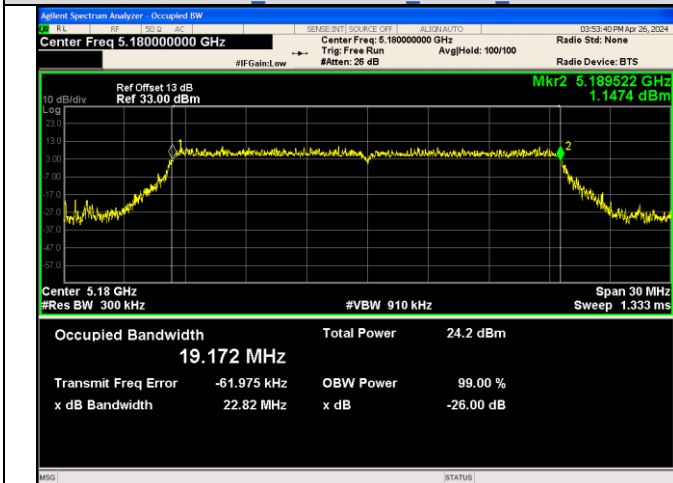
IEEE 802.11ac_Channel 110_40MHz_Antenna 0



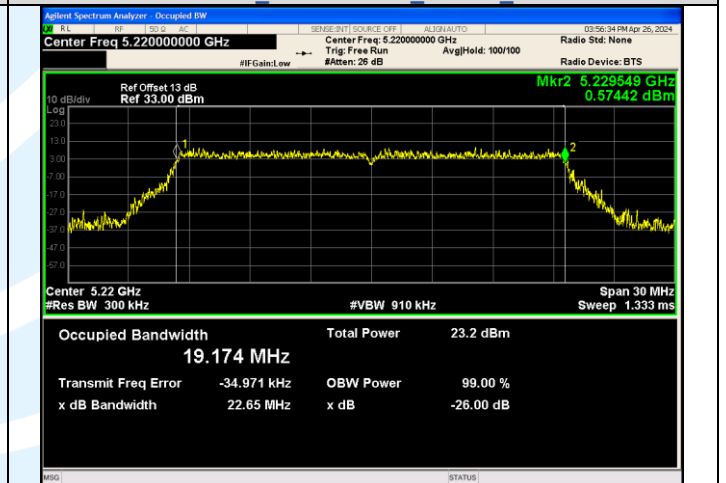
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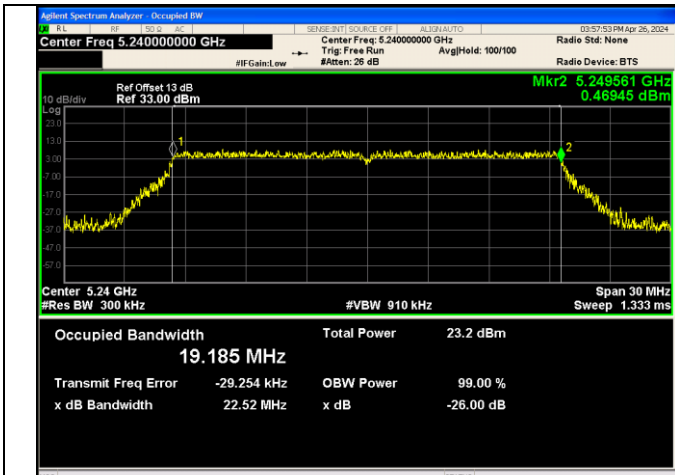
IEEE 802.11ac_Channel 142_40MHz_Antenna 0



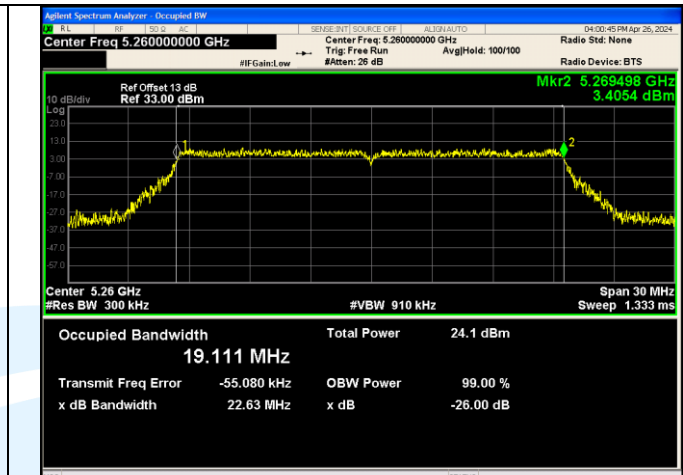
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



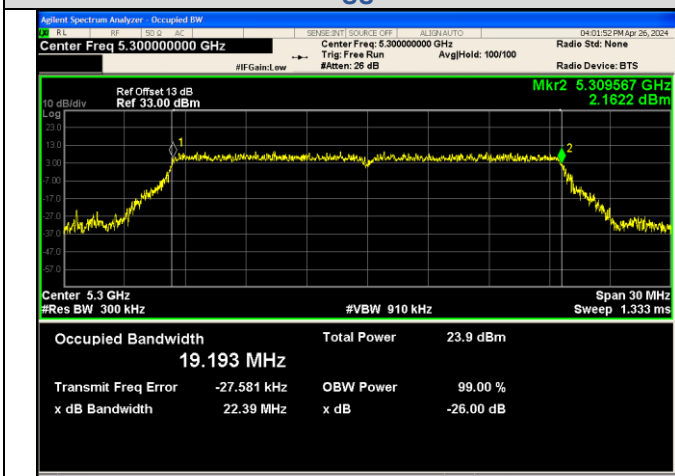
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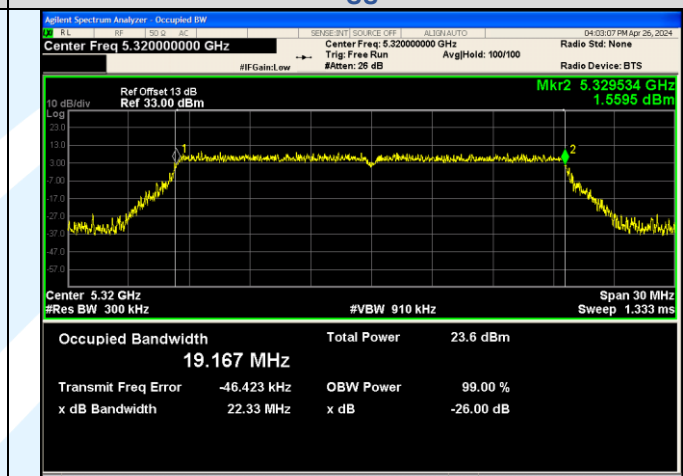
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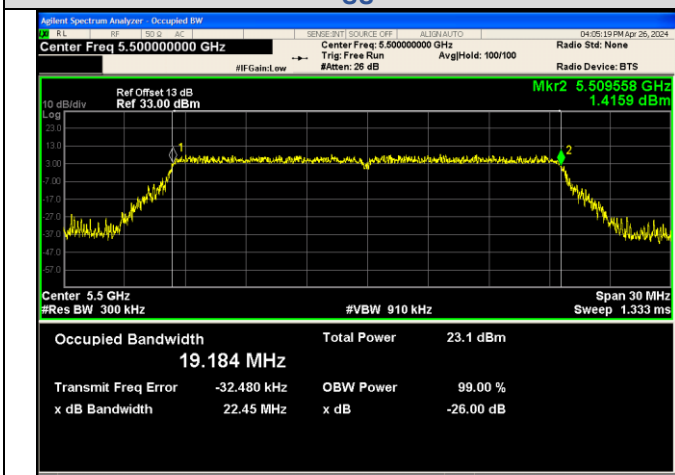
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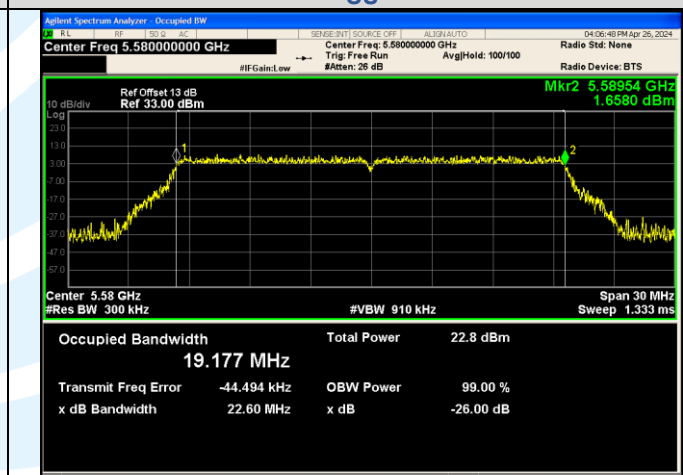
IEEE 802.11ax_Channel 60_20MHz_Antenna 0_RU&Index SU



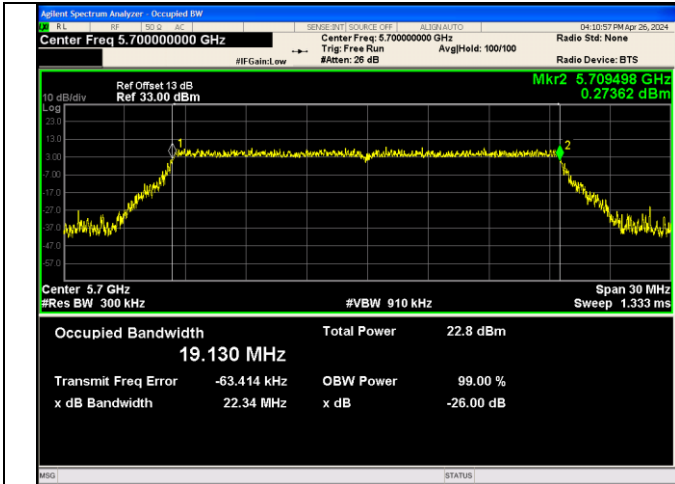
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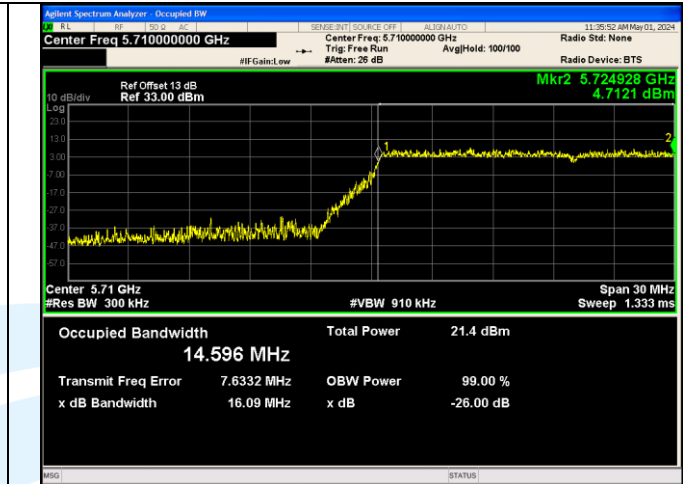
IEEE 802.11ax_Channel 100_20MHz_Antenna 0_RU&Index SU



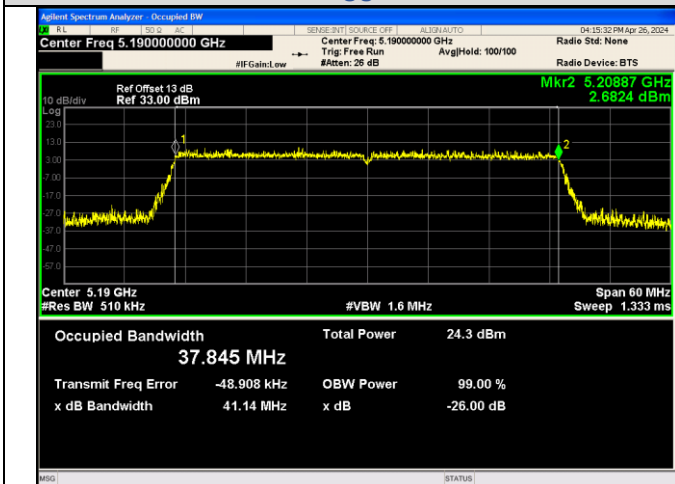
IEEE 802.11ax_Channel 116_20MHz_Antenna 0_RU&Index SU



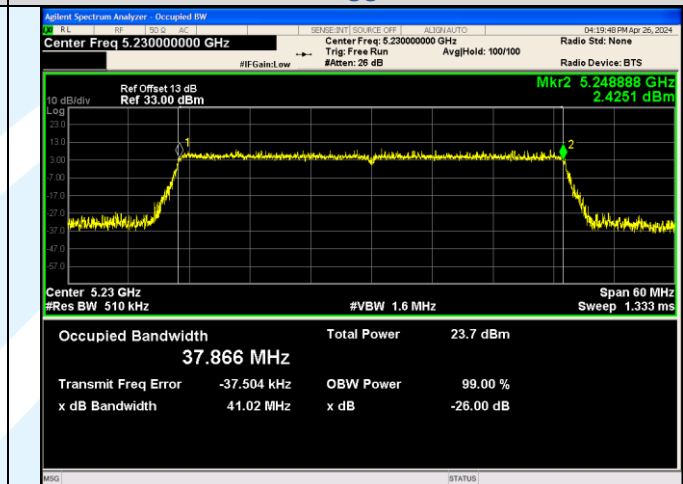
IEEE 802.11ax_Channel 140_20MHz_Antenna 0_RU&Index SU



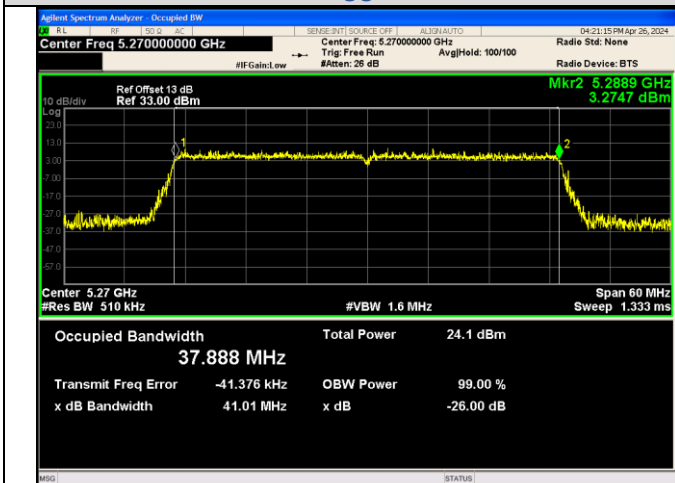
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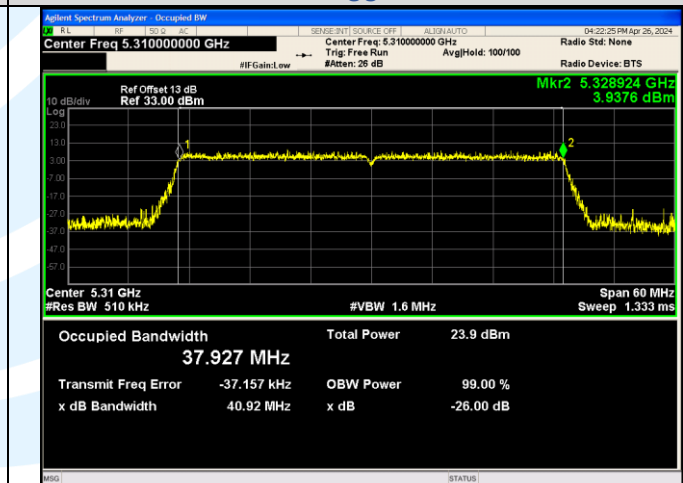
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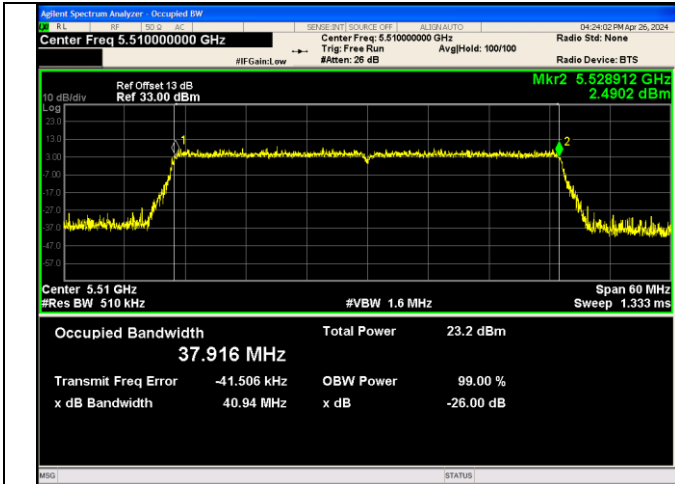
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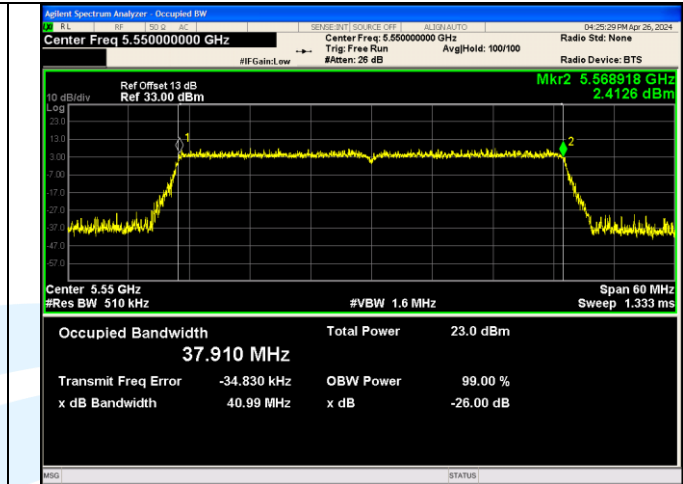
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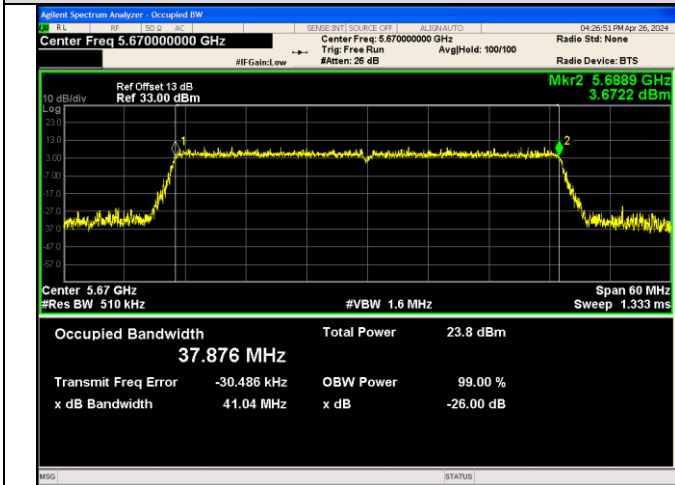
IEEE 802.11ax_Channel 62_40MHz_Antenna 0_RU&Index SU



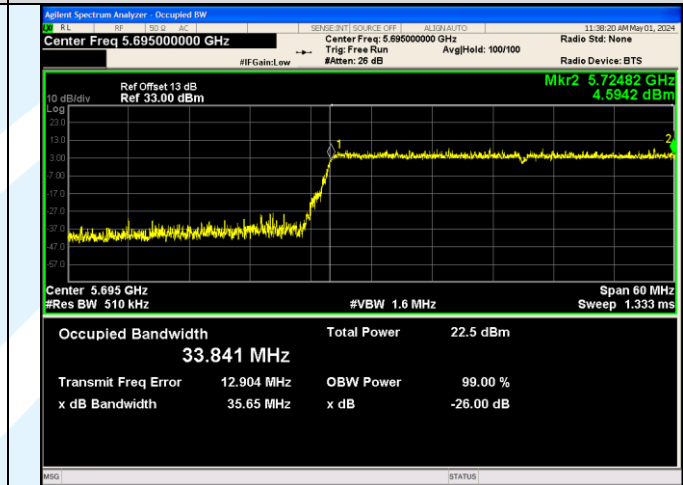
IEEE 802.11ax_Channel 102_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 110_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 134_40MHz_Antenna 0_RU&Index SU

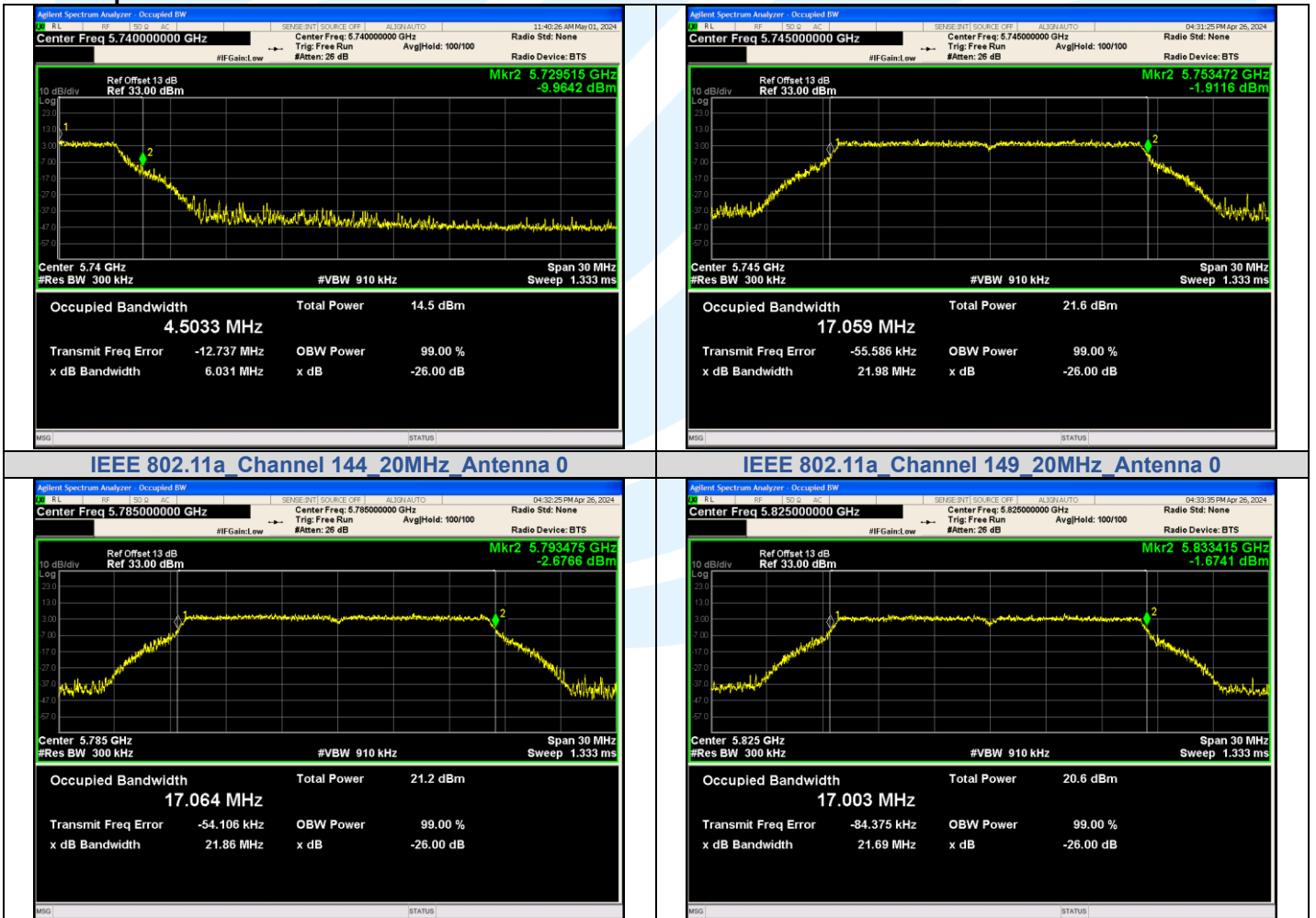


IEEE 802.11ax_Channel 142_40MHz_Antenna 0_RU&Index SU

For U-NII-3 band

Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	144	N/A	0	4.5033
	149			17.059
	157			17.064
	165			17.003
IEEE 802.11n_20	144			4.6524
	149			18.110
	157			18.156
	165			18.108
IEEE 802.11n_40	142			4.2504
	151			36.448
	159			36.481
IEEE 802.11ac_20	144			4.7883
	149			18.098
	157			18.093
	165			18.133
IEEE 802.11ac_40	142	4.2476		
	151	36.460		
	159	36.464		
IEEE 802.11ax_20	144	4.9048		
	149	19.177		
	157	19.118		
	165	19.190		
IEEE 802.11ax_40	142	4.5219		
	151	37.822		
	159	37.868		

Test Graphs



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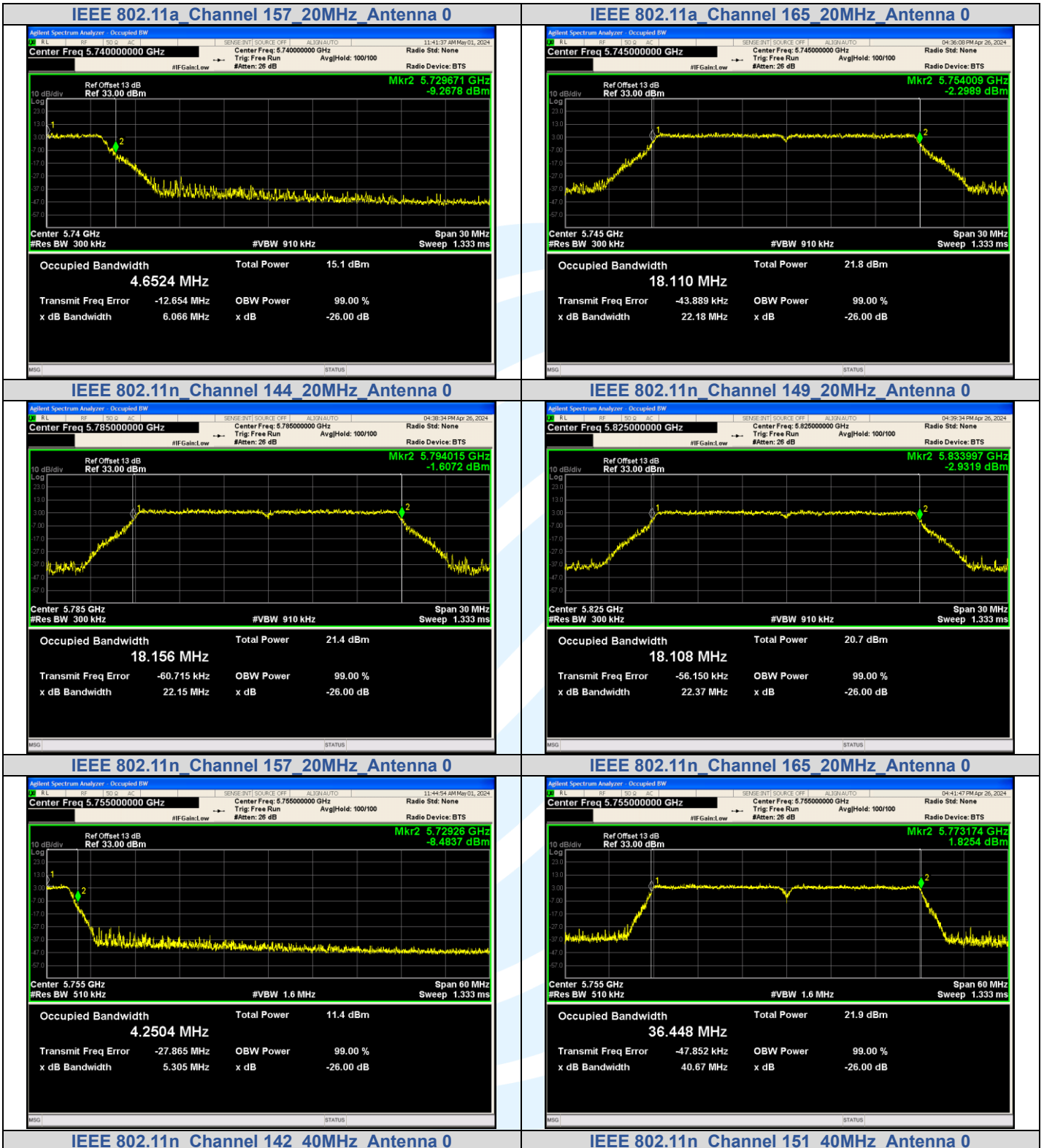
Tel: +86-755-28230888

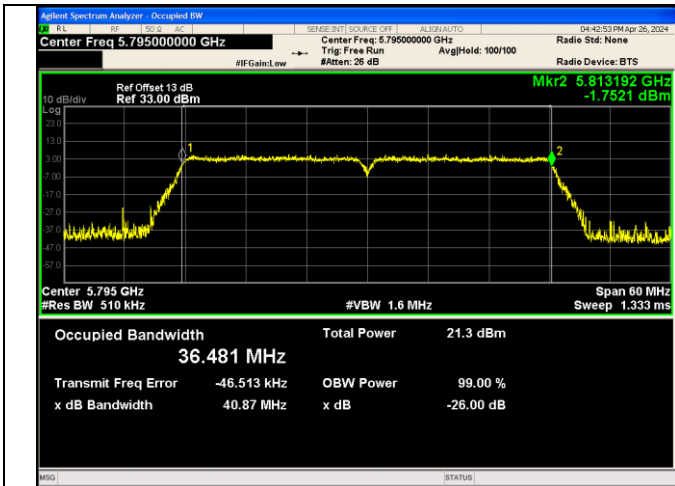
Fax: +86-755-28230886

E-mail: info@uttlab.com

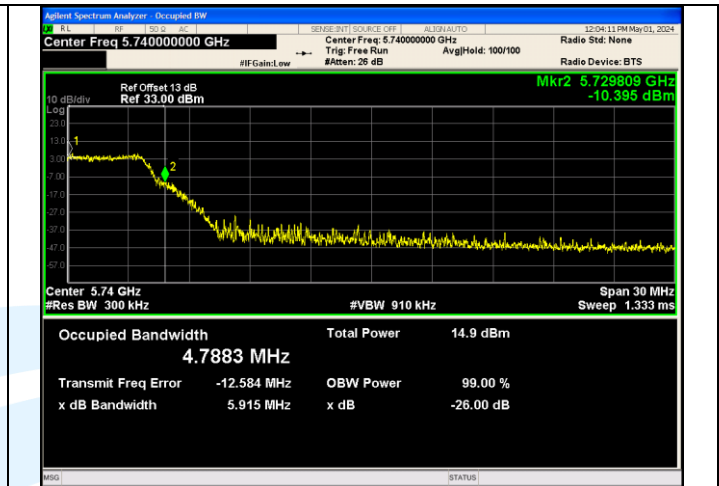
<http://www.uttlab.com>

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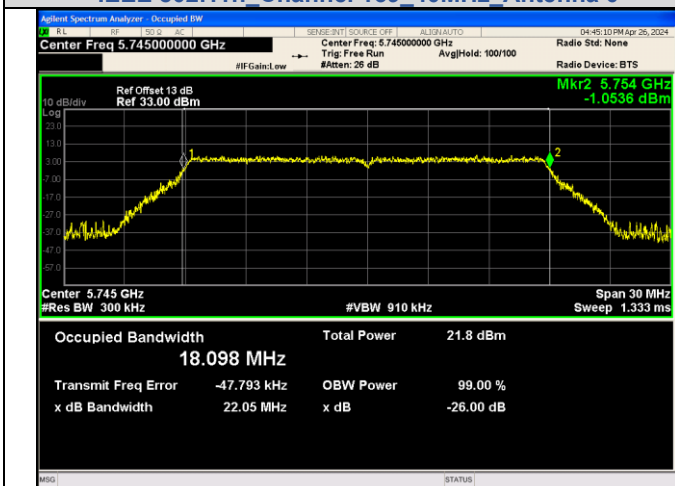




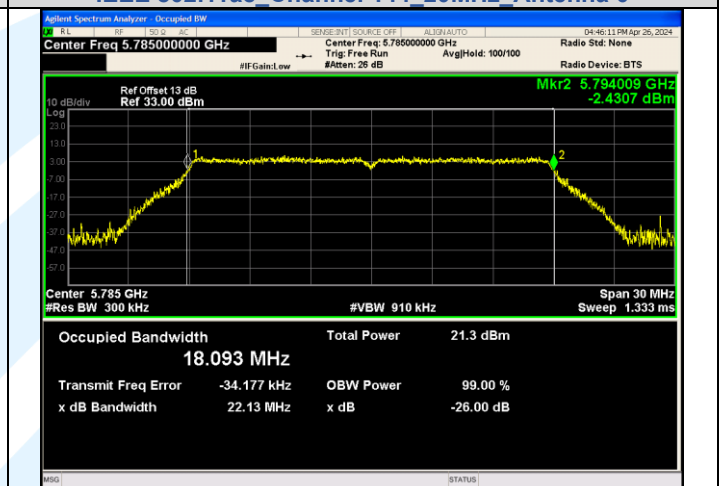
IEEE 802.11n Channel 159 40MHz Antenna 0



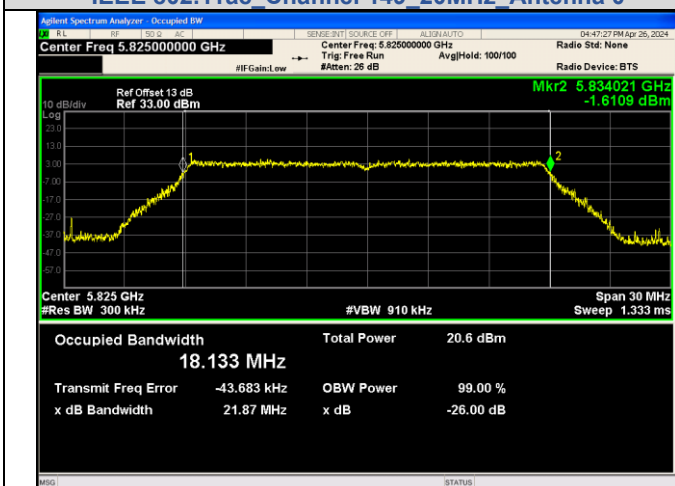
IEEE 802.11ac Channel 144 20MHz Antenna 0



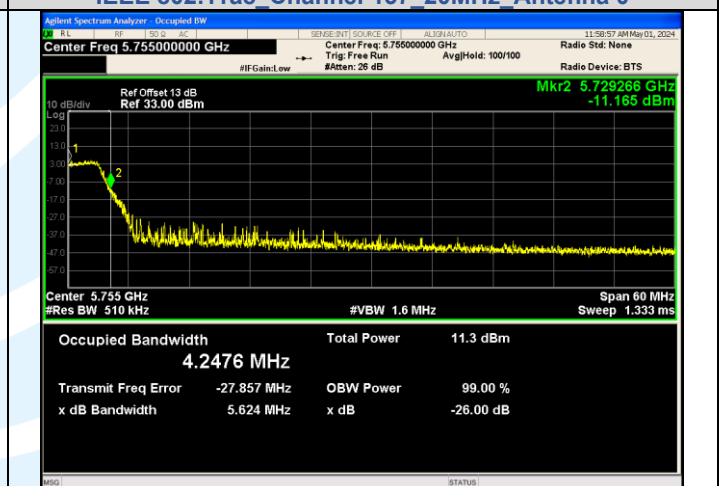
IEEE 802.11ac Channel 149 20MHz Antenna 0



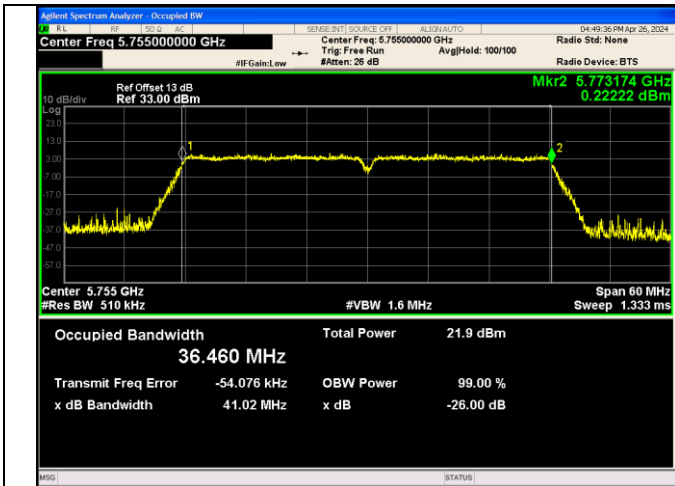
IEEE 802.11ac Channel 157 20MHz Antenna 0



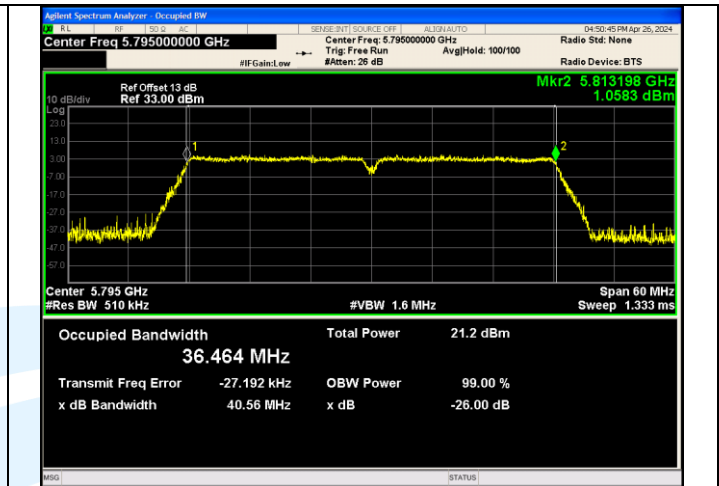
IEEE 802.11ac Channel 165 20MHz Antenna 0



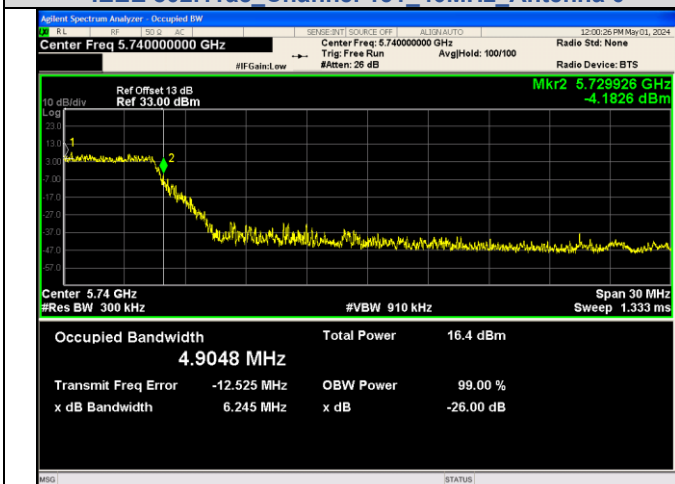
IEEE 802.11ac Channel 142 40MHz Antenna 0



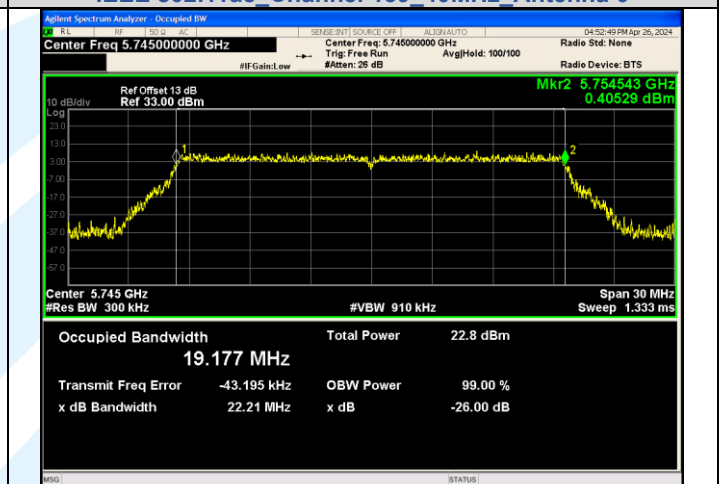
IEEE 802.11ac Channel 151 40MHz Antenna 0



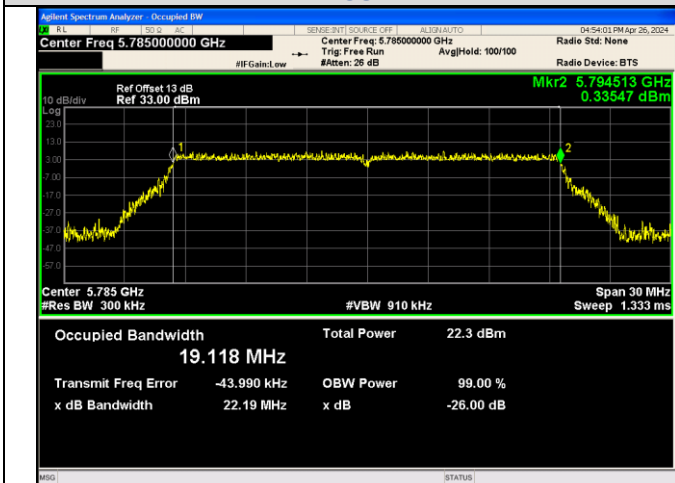
IEEE 802.11ac Channel 159 40MHz Antenna 0



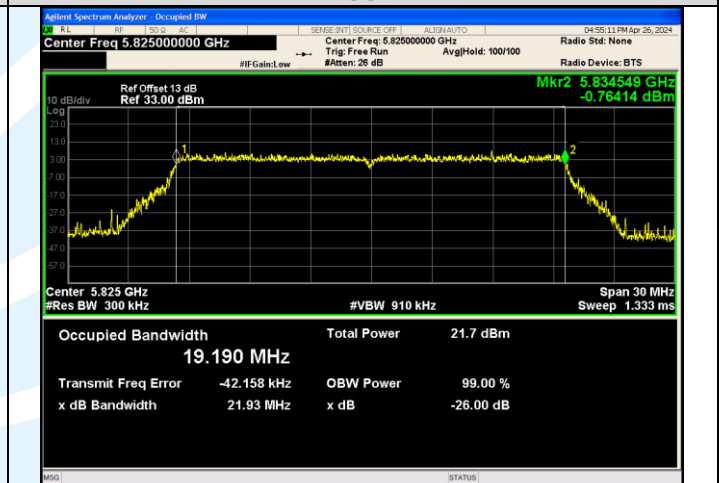
IEEE 802.11ax Channel 144 20MHz Antenna 0_RU&Index SU



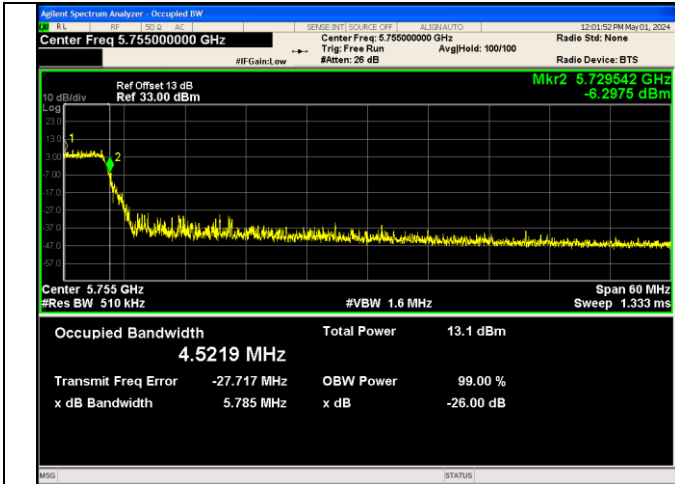
IEEE 802.11ax Channel 149 20MHz Antenna 0_RU&Index SU



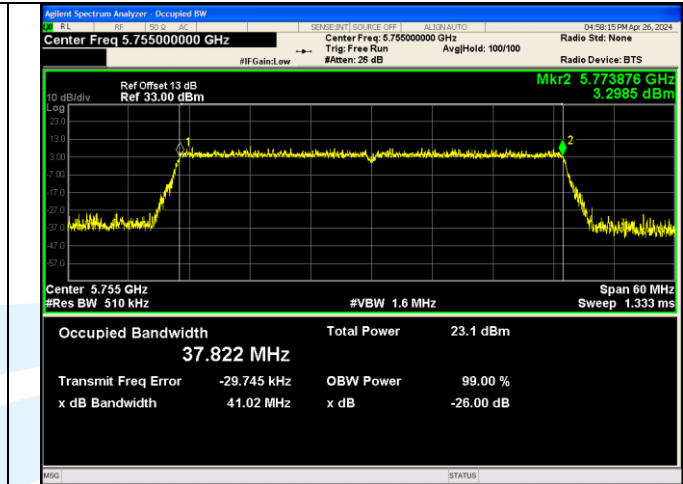
IEEE 802.11ax Channel 157 20MHz Antenna 0_RU&Index SU



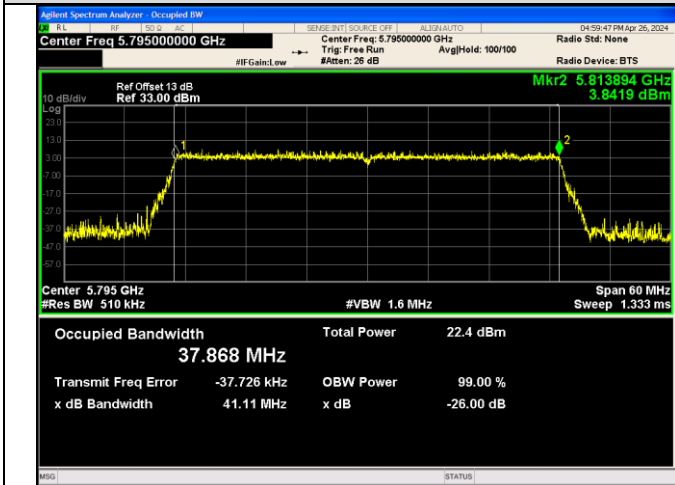
IEEE 802.11ax Channel 165 20MHz Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 142_40MHz_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

A.2 26DB BANDWIDTH

For U-NII-1, U-NII-2A, U-NII-2C band

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36			5180	21.88	1.1
	44			5220	21.68	1.09
	48			5240	21.50	1.12
	52			5260	21.57	1.11
	60			5300	21.58	1.1
	64			5320	21.82	1.08
	100			5500	21.42	1.12
	116			5580	21.98	1.09
	140			5700	21.71	1.12
	144			5720	15.74	1.14
IEEE 802.11n_20	36			5180	21.87	1.11
	44			5220	21.79	1.1
	48			5240	21.92	1.1
	52			5260	21.88	1.1
	60			5300	22.04	1.09
	64			5320	21.95	1.09
	100			5500	21.93	1.11
	116			5580	21.83	1.1
	140			5700	21.80	1.1
	144			5720	16.08	1.13
IEEE 802.11n_40	38	N/A		5190	40.73	1.06
	46			5230	40.80	1.05
	54			5270	40.47	1.06
	62			5310	40.45	1.07
	102			5510	40.68	1.05
	110			5550	40.51	1.06
	134			5670	40.54	1.05
	142			5710	35.23	1.06
IEEE 802.11ac_20	36		0	5180	21.86	1.1
	44			5220	21.78	1.1
	48			5240	22.14	1.09
	52			5260	21.77	1.11
	60			5300	21.85	1.1
	64			5320	22.02	1.1
	100			5500	22.08	1.09
	116			5580	22.18	1.08
	140			5700	21.67	1.12
	144			5720	15.76	1.16
IEEE 802.11ac_40	38			5190	40.57	1.06
	46			5230	40.46	1.07
	54			5270	40.60	1.05
	62			5310	40.64	1.05
	102			5510	40.46	1.07
	110			5550	40.47	1.06
	134			5670	40.59	1.05
	142			5710	35.29	1.06
IEEE 802.11ax_20	36	SU		5180	22.36	1.1
	44			5220	22.04	1.11
	48			5240	22.48	1.08
	52			5260	22.12	1.09
	60			5300	22.14	1.1
	64			5320	22.51	1.09
	100			5500	22.05	1.11
	116			5580	22.21	1.11
	140			5700	22.35	1.09
	144			5720	16.11	1.13
IEEE	38			5190	41.07	1.05

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