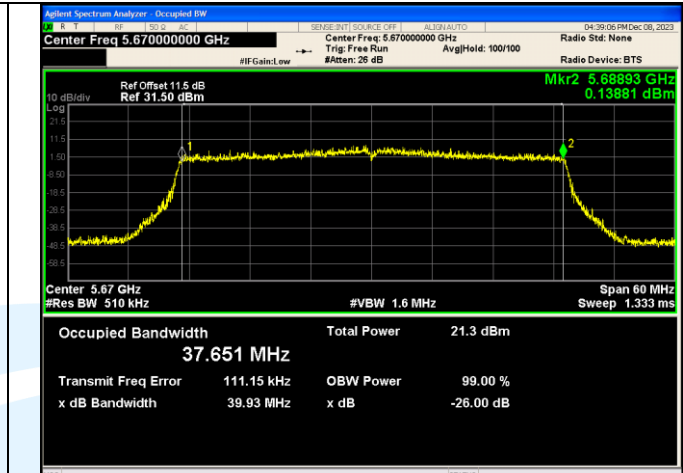
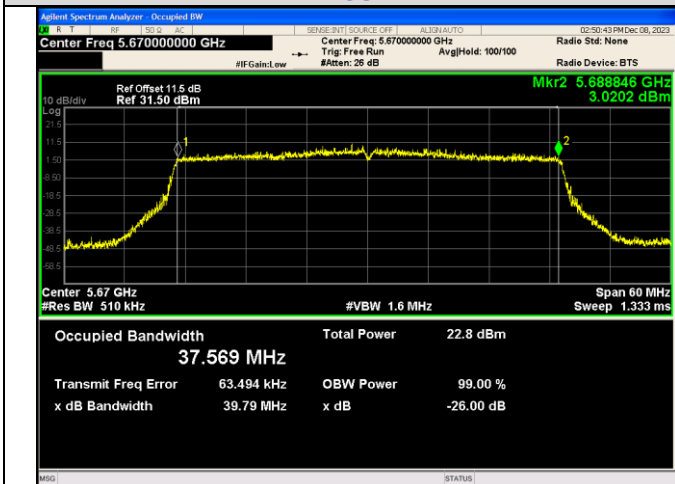


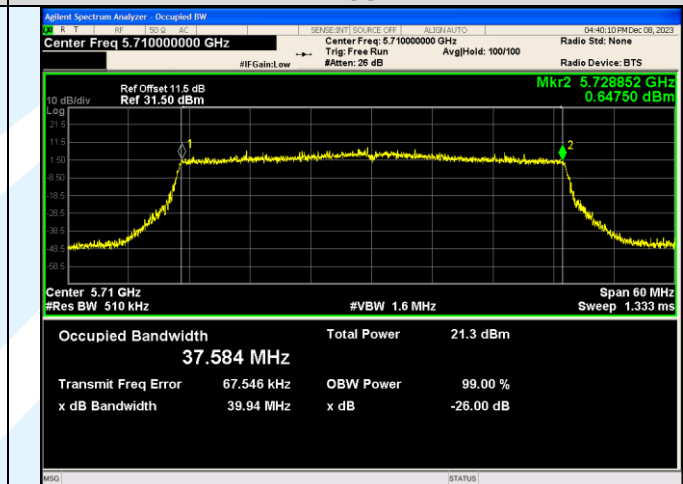
IEEE 802.11ax_Channel 110_40MHz_Antenna 1_RU&Index SU



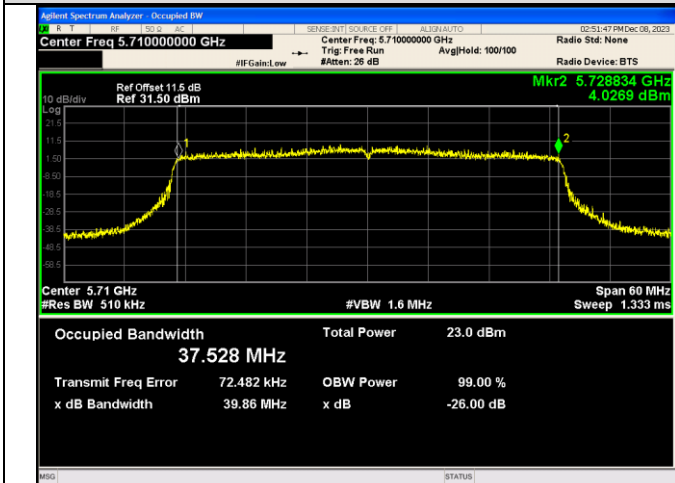
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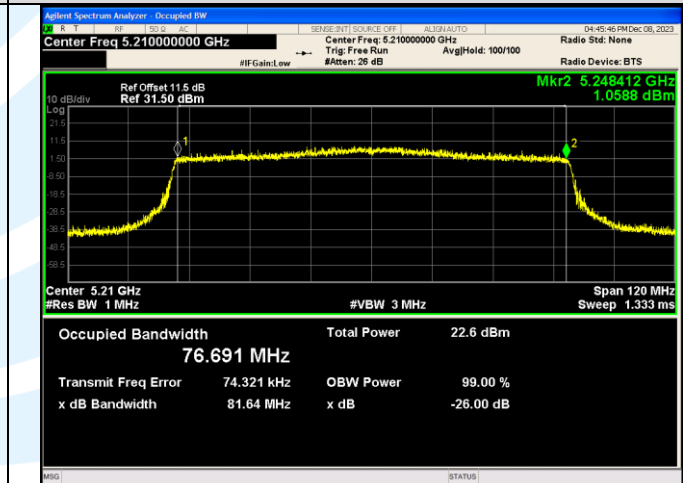
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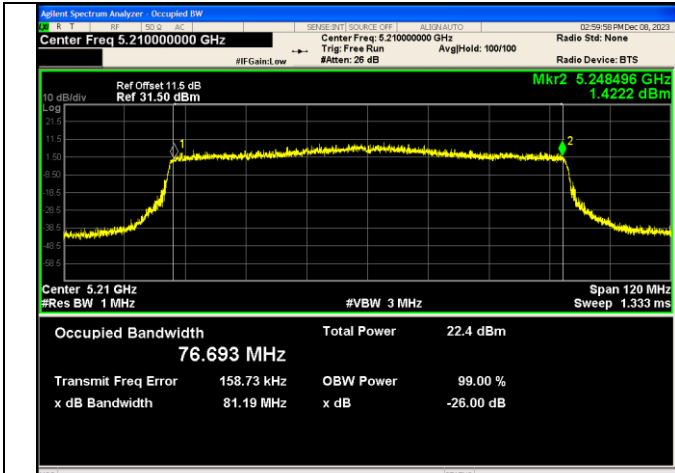
IEEE 802.11ax_Channel 142_40MHz_Antenna 0_RU&Index SU



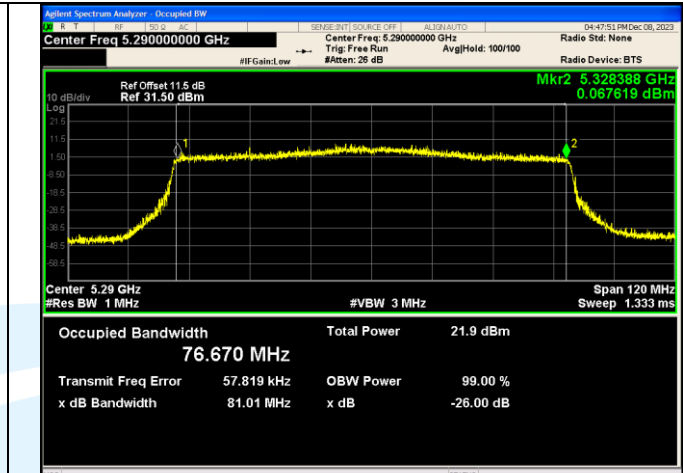
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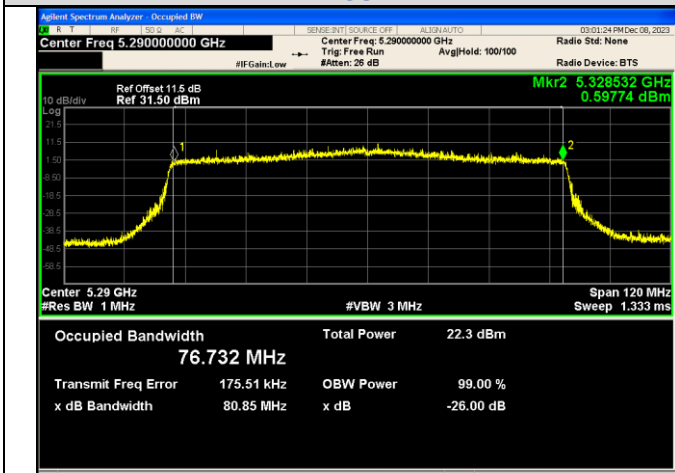
IEEE 802.11ax_Channel 42_80MHz_Antenna 0_RU&Index SU



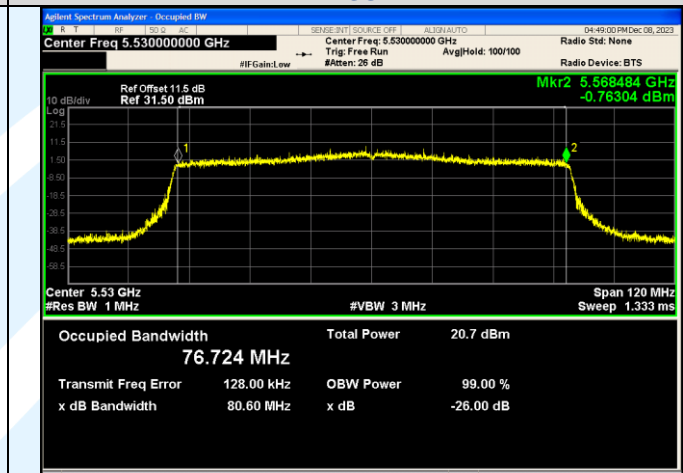
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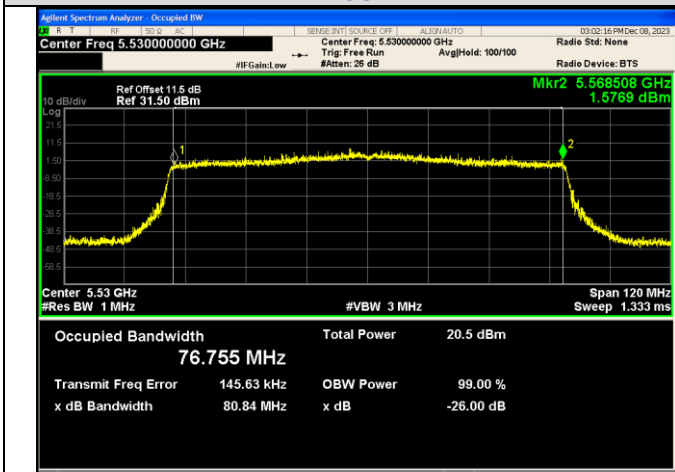
IEEE 802.11ax_Channel 58_80MHz_Antenna 0_RU&Index SU



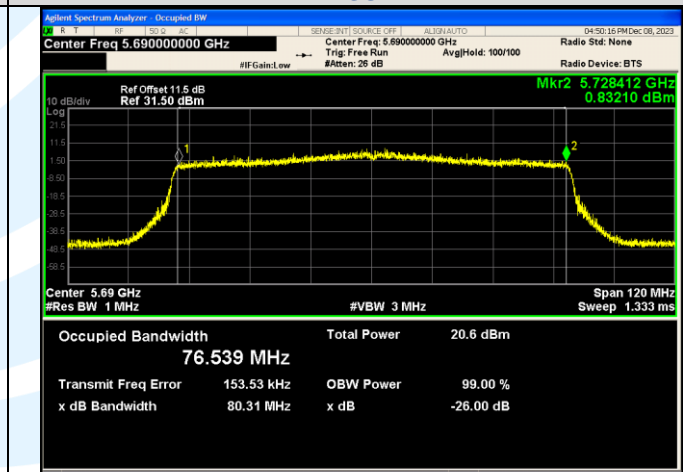
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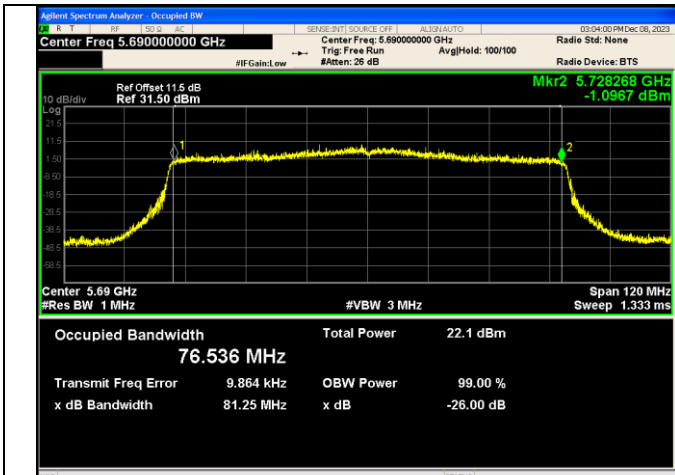
IEEE 802.11ax_Channel 106_80MHz_Antenna 0_RU&Index SU



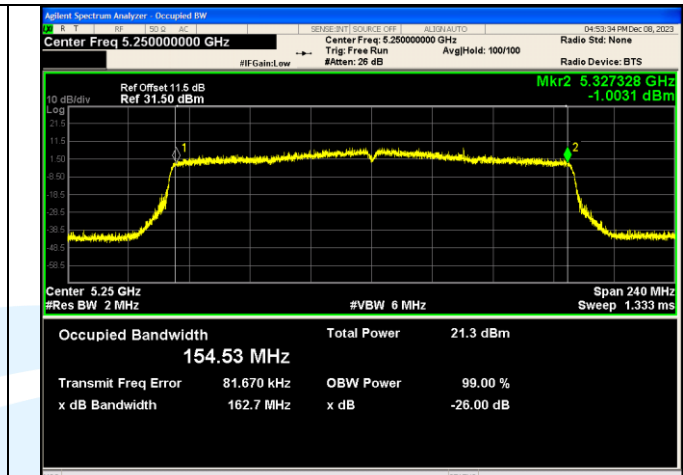
IEEE 802.11ax_Channel 106_80MHz_Antenna 1_RU&Index SU



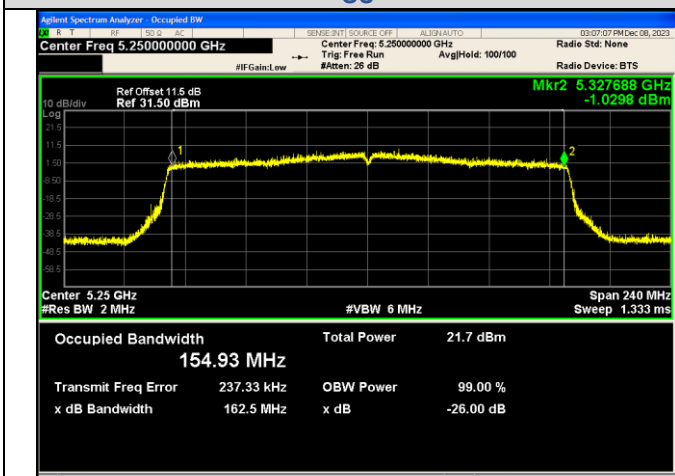
IEEE 802.11ax_Channel 138_80MHz_Antenna 0_RU&Index SU



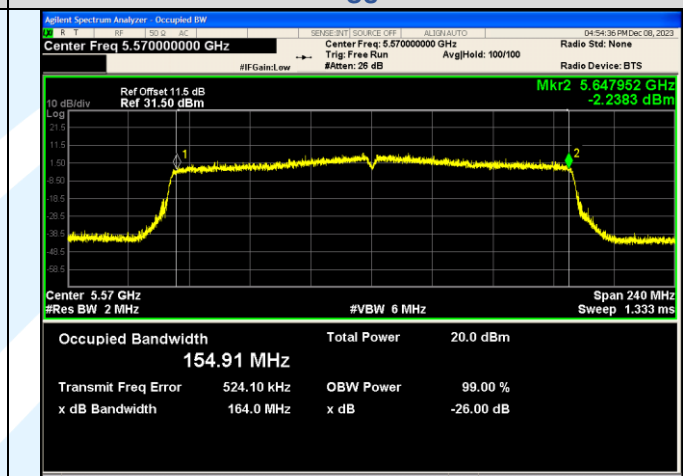
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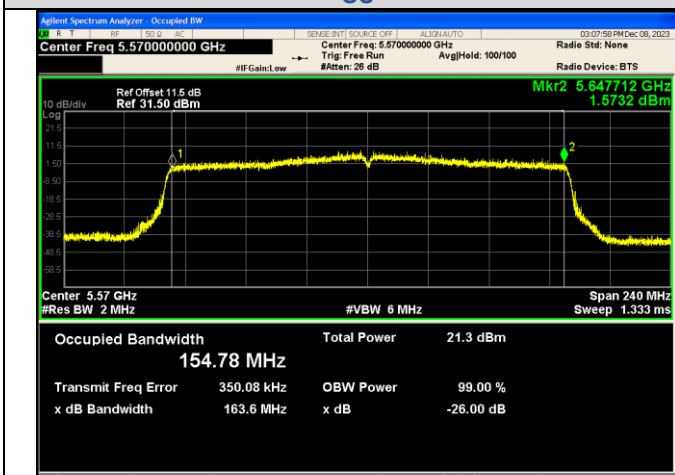
IEEE 802.11ax_Channel 50_160MHz_Antenna 0_RU&Index SU



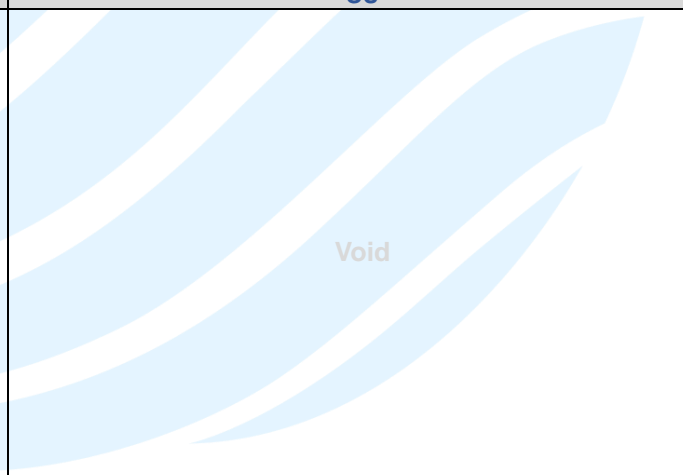
IEEE 802.11ax_Channel 50_160MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 114_160MHz_Antenna 0_RU&Index SU



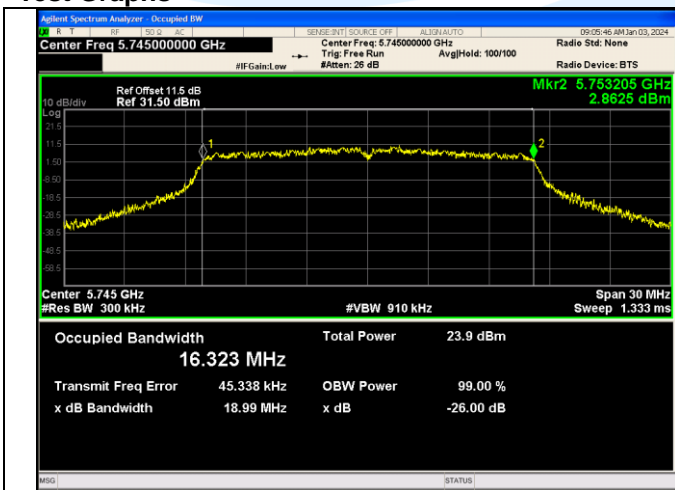
IEEE 802.11ax_Channel 114_160MHz_Antenna 1_RU&Index SU



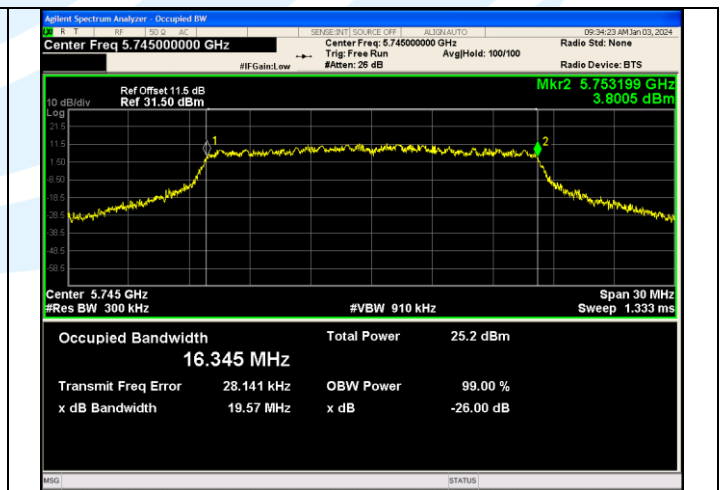
For U-NII-3 Band:

Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	149	N/A	0	16.323
	157		1	16.345
	165		0	16.314
IEEE 802.11n_20	149		1	16.327
	157		0	16.299
	165		1	16.325
IEEE 802.11n_40	151		0	17.522
	159		1	17.518
	159		0	17.528
IEEE 802.11ac_20	149		1	17.517
	157		0	17.516
	165		1	17.536
IEEE 802.11ac_40	151	0	35.905	
	159	1	35.904	
	159	0	35.922	
IEEE 802.11ac_80	149	1	35.943	
	157	0	17.550	
	165	1	17.519	
IEEE 802.11ax_20	151	0	17.559	
	159	1	17.541	
	155	0	17.554	
IEEE 802.11ax_40	149	1	17.536	
	157	0	35.899	
	165	1	35.934	
IEEE 802.11ax_80	149	0	35.923	
	157	1	35.927	
	165	0	74.990	
IEEE 802.11ax_20	149	1	75.119	
	157	0	18.872	
	165	1	18.839	
IEEE 802.11ax_40	151	0	18.892	
	159	1	18.868	
	155	0	18.900	
IEEE 802.11ax_80	149	1	18.860	
	157	0	37.617	
	165	1	37.547	
IEEE 802.11ax_20	149	0	37.567	
	157	1	37.633	
	165	0	76.700	
IEEE 802.11ax_40	149	1	76.685	
	157	0		
	165	1		

Test Graphs



IEEE 802.11a_Channel 149_20MHz_Antenna 0



IEEE 802.11a_Channel 149_20MHz_Antenna 1

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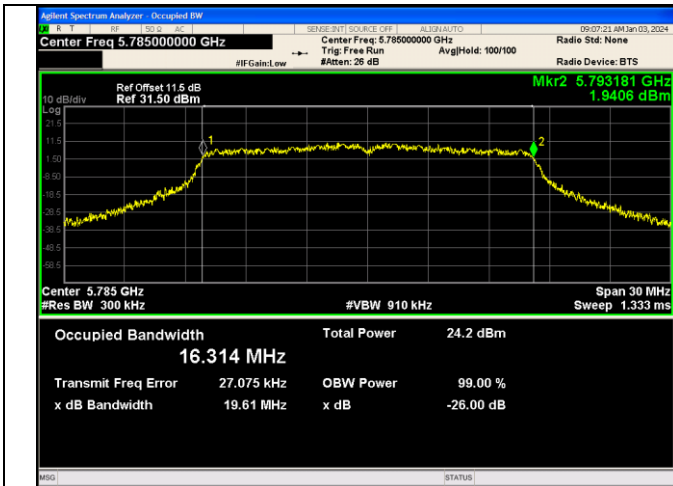
Tel: +86-755-28230888

Fax: +86-755-28230886

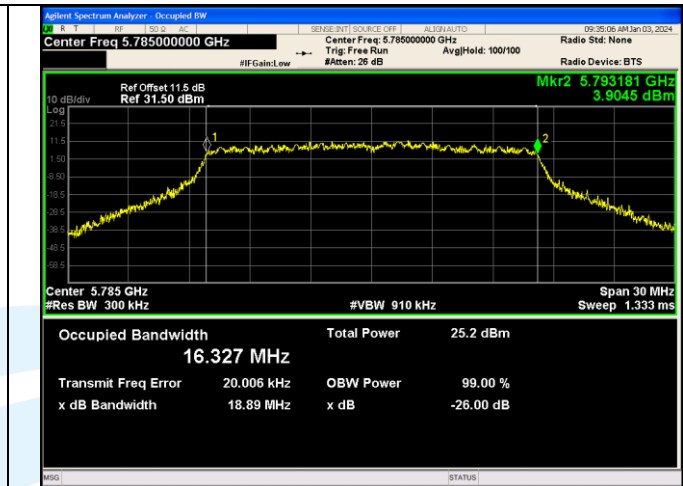
E-mail: info@uttlab.com

<http://www.uttlab.com>

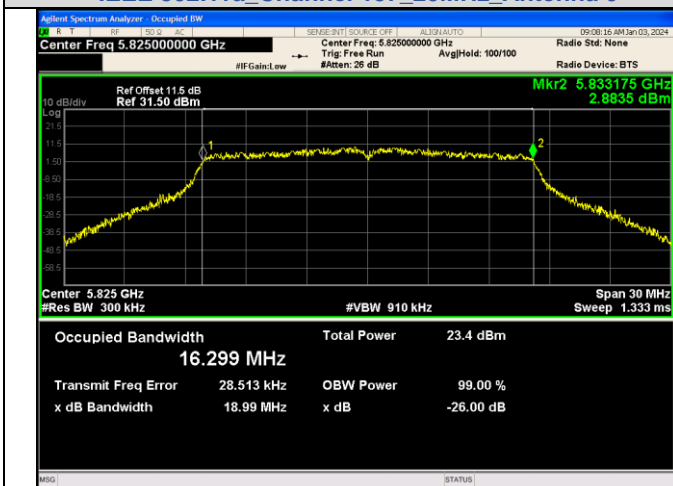
UTTR-RF-EN300328-V1.2



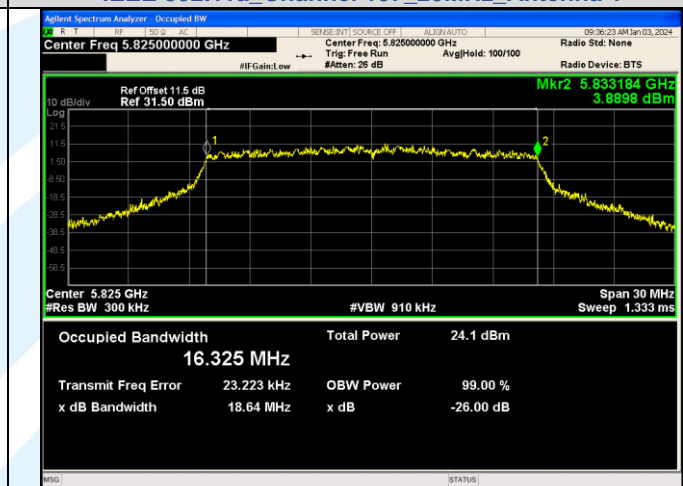
IEEE 802.11a_Channel 157_20MHz_Antenna 0



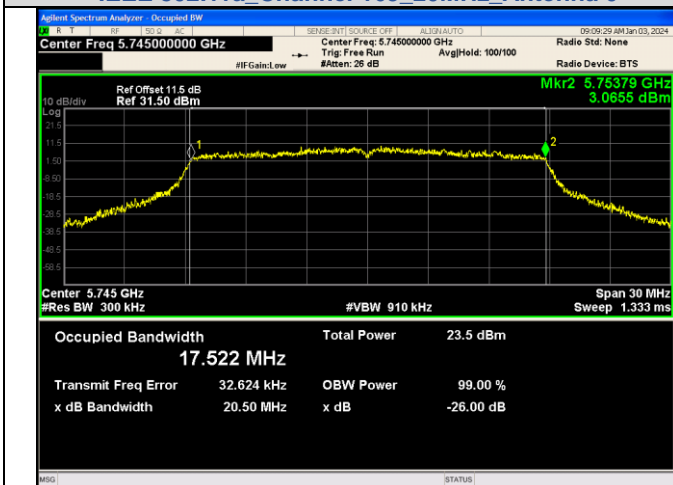
IEEE 802.11a_Channel 157_20MHz_Antenna 1



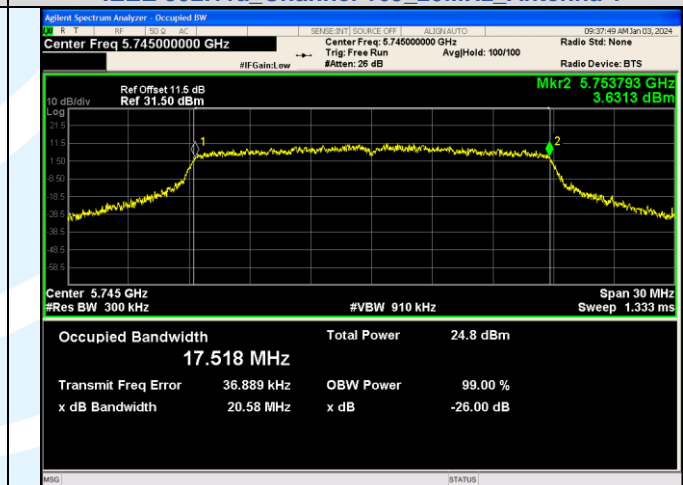
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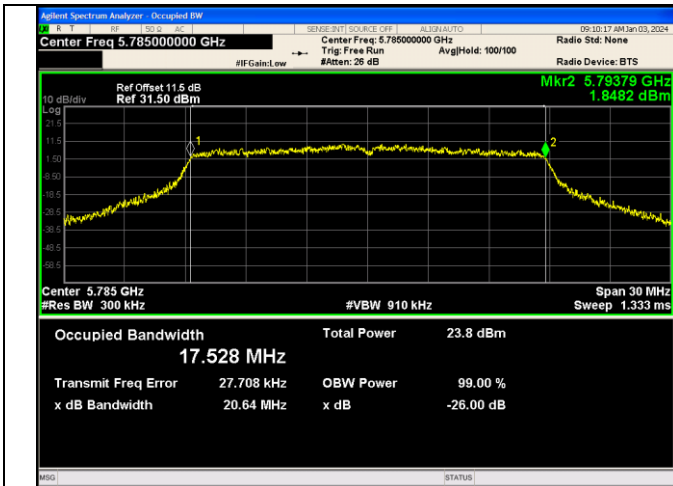
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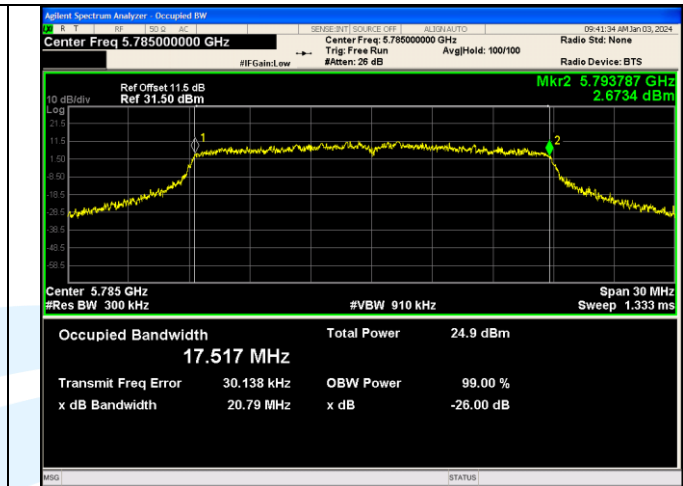
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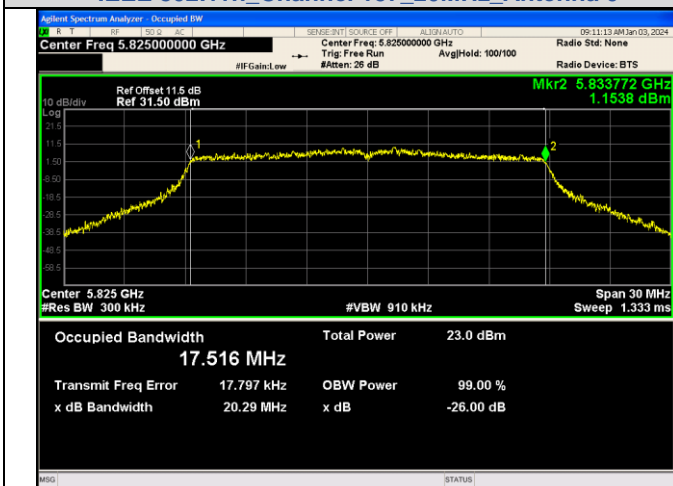
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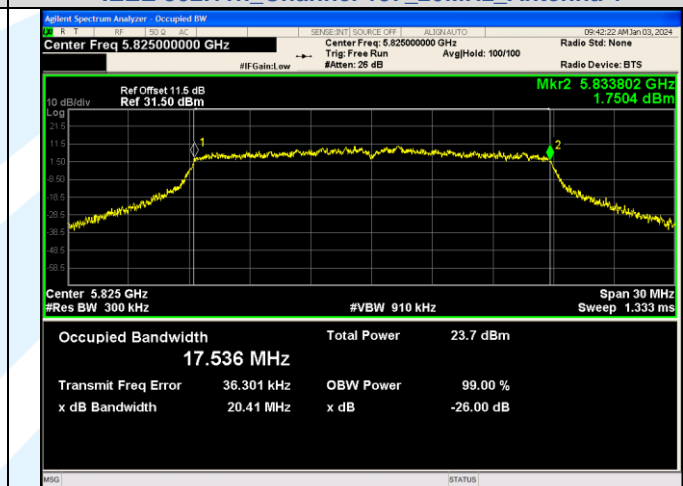
IEEE 802.11n_Channel 157_20MHz_Antenna 0



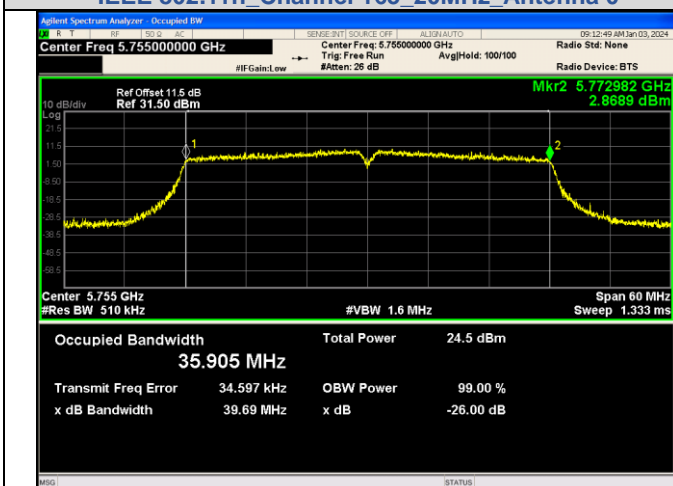
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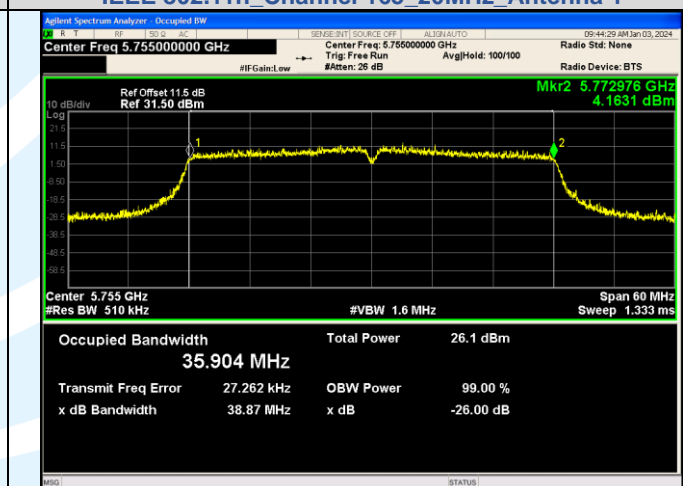
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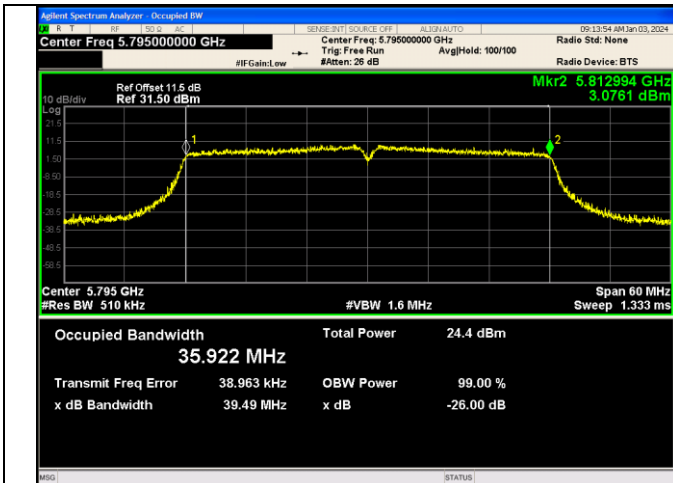
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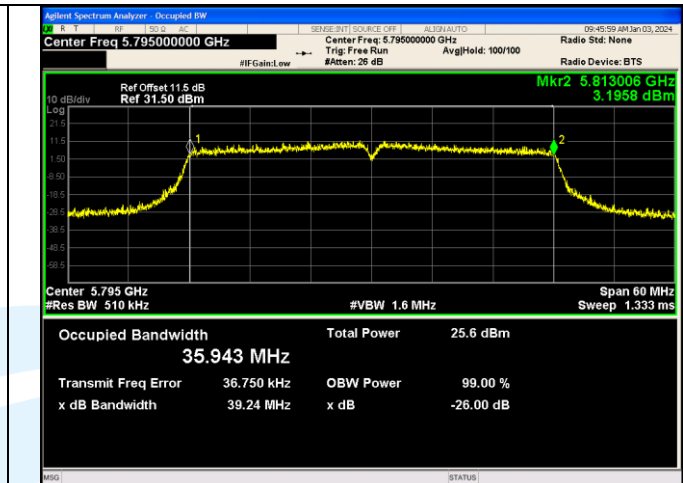
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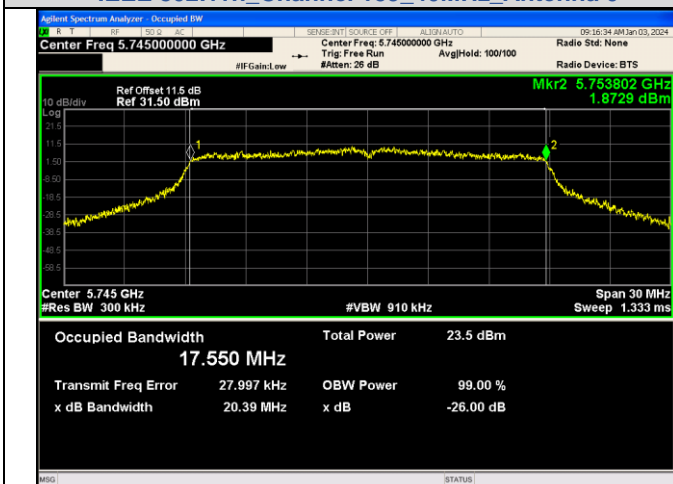
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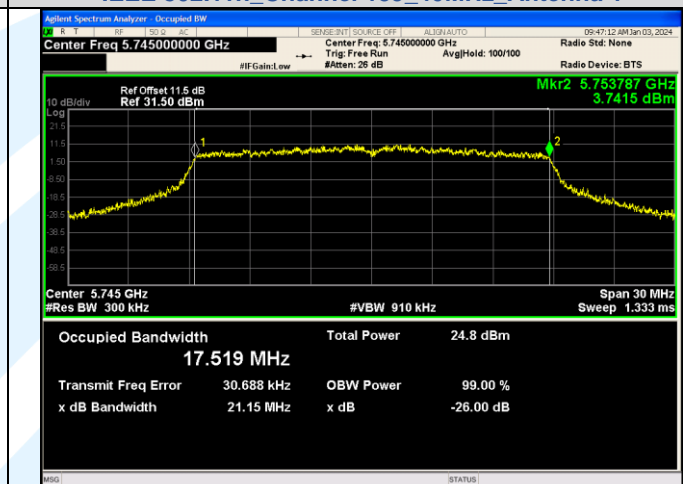
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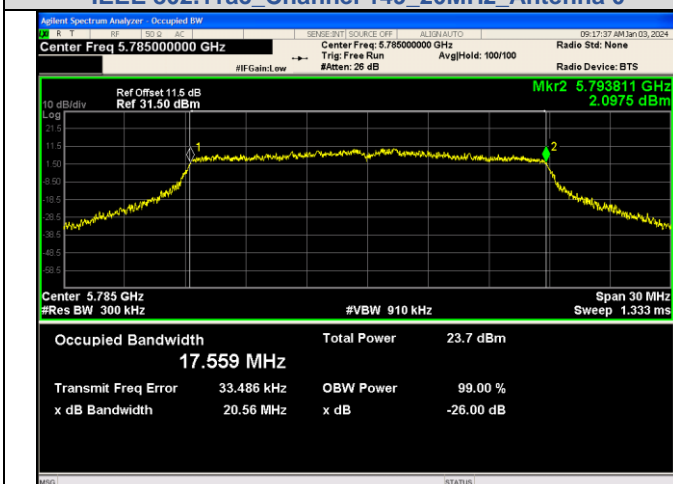
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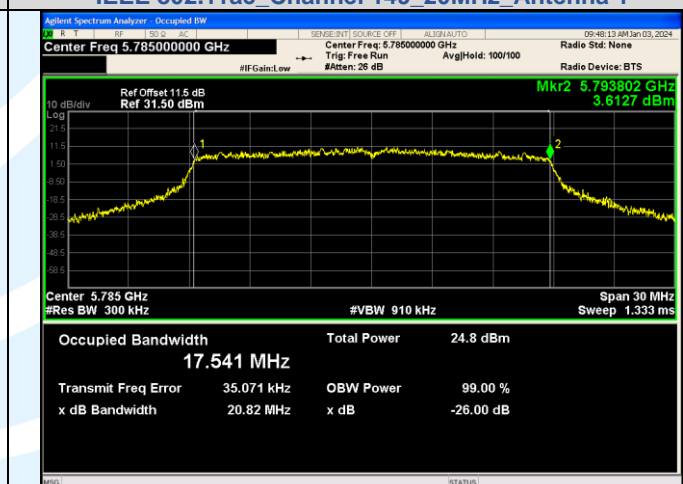
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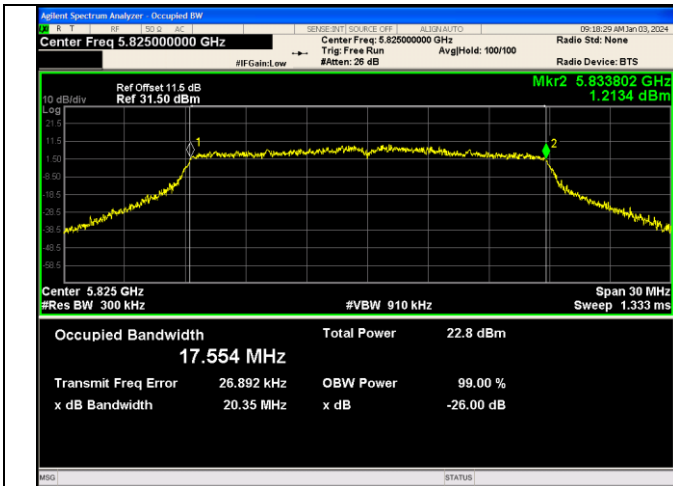
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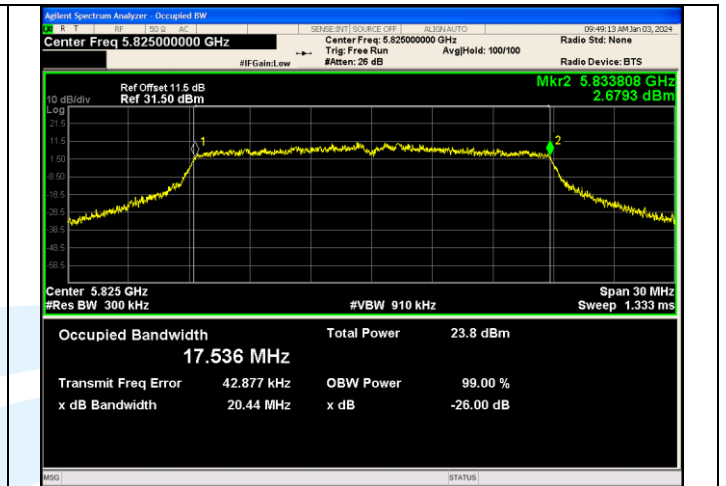
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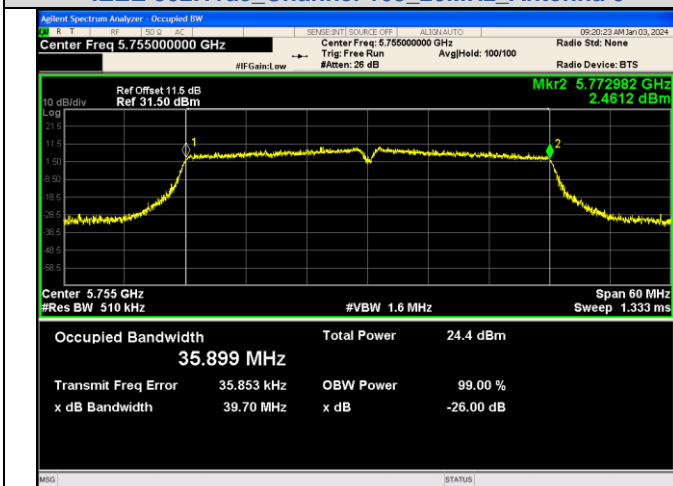
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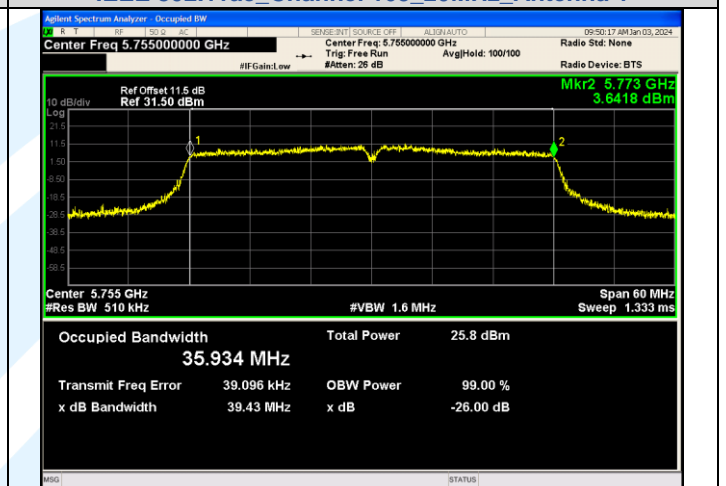
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



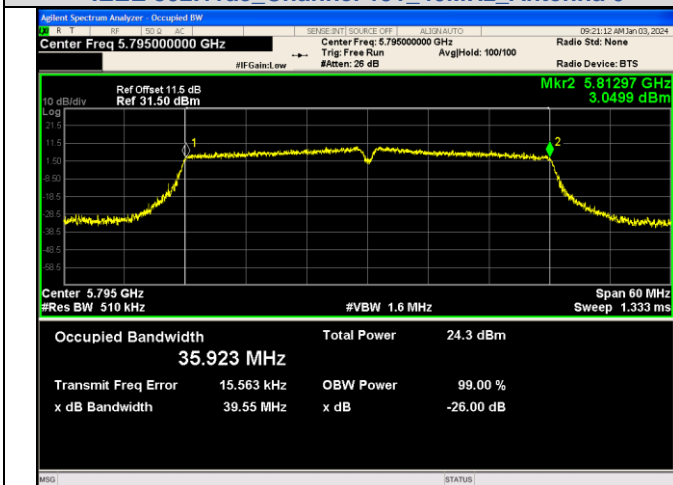
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



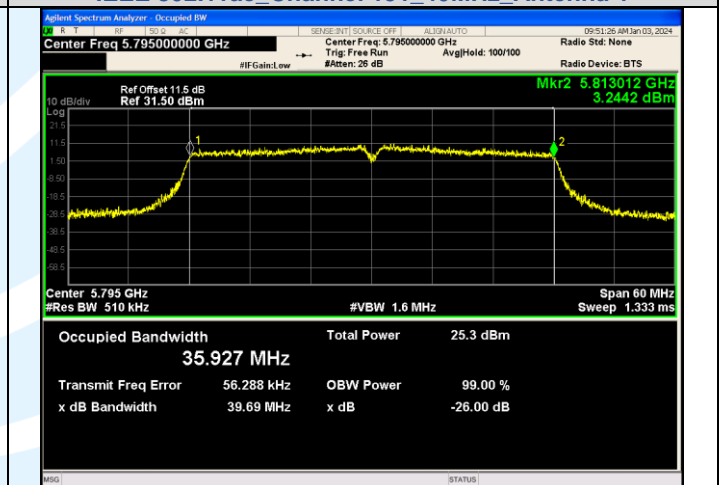
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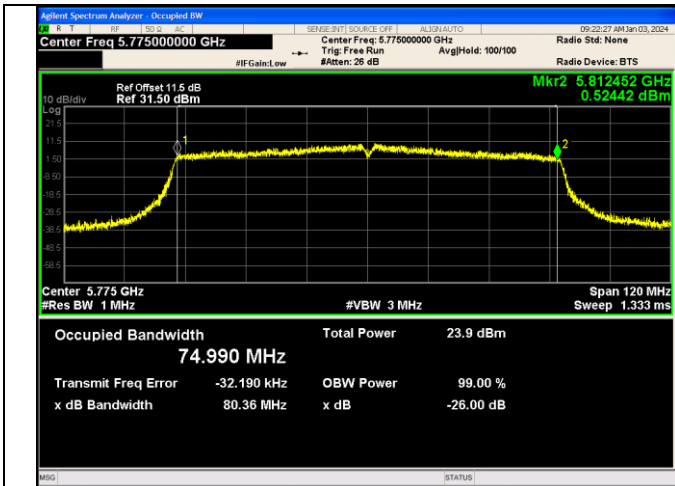
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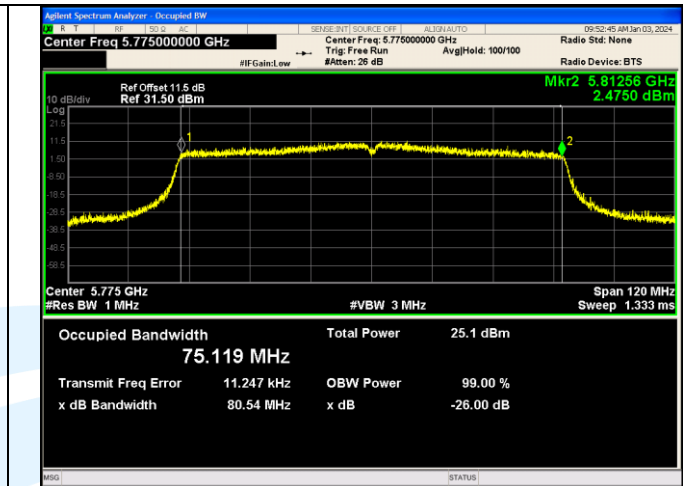
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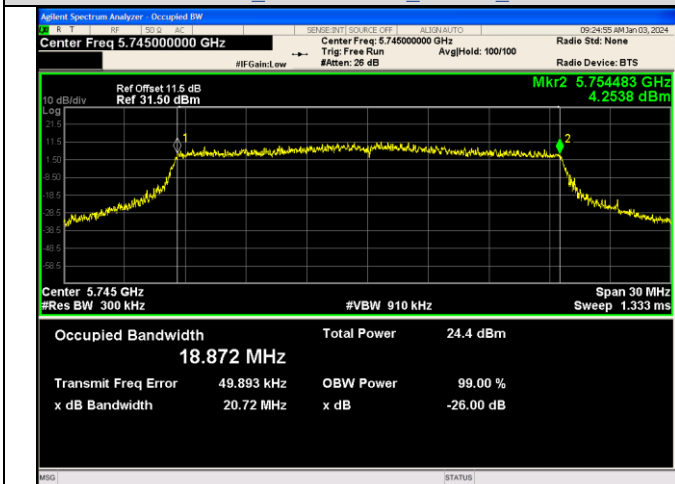
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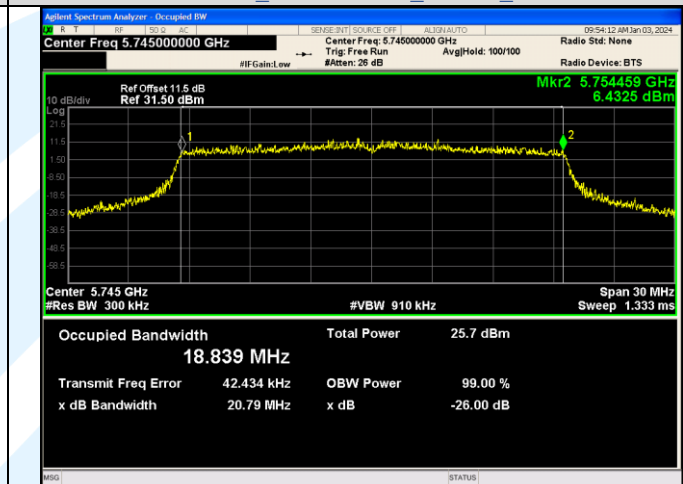
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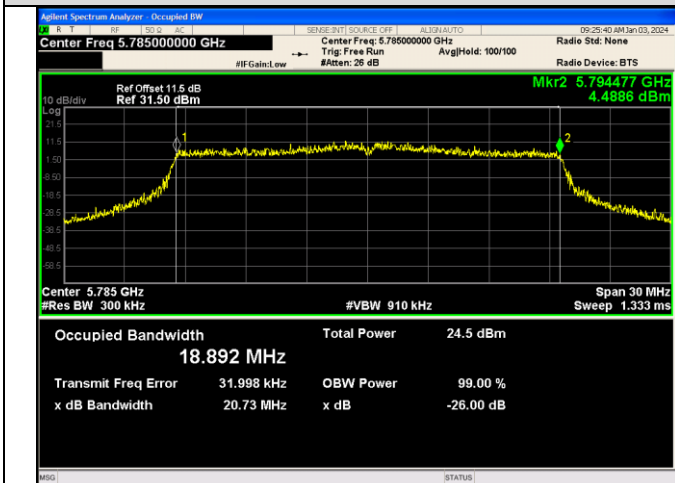
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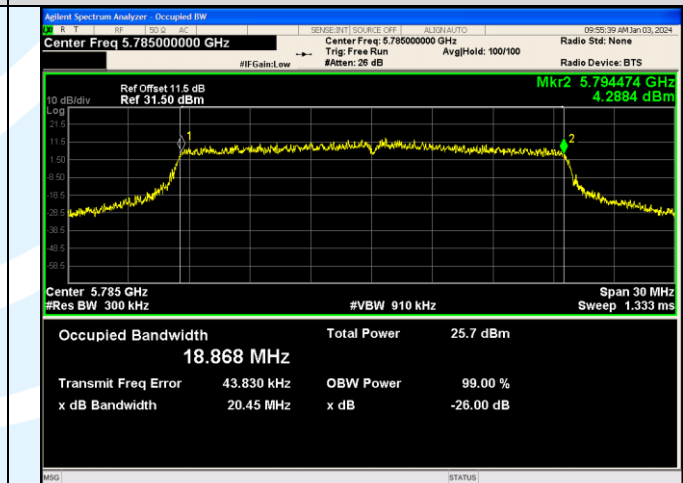
IEEE 802.11ax_Channel 149_20MHz_Antenna 0_RU&Index SU



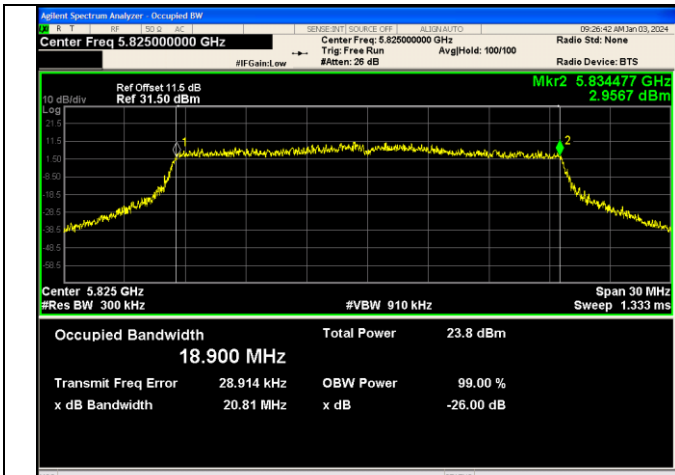
IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU



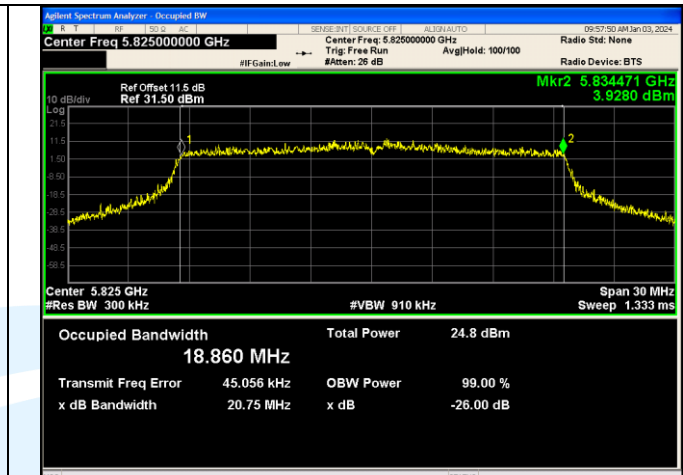
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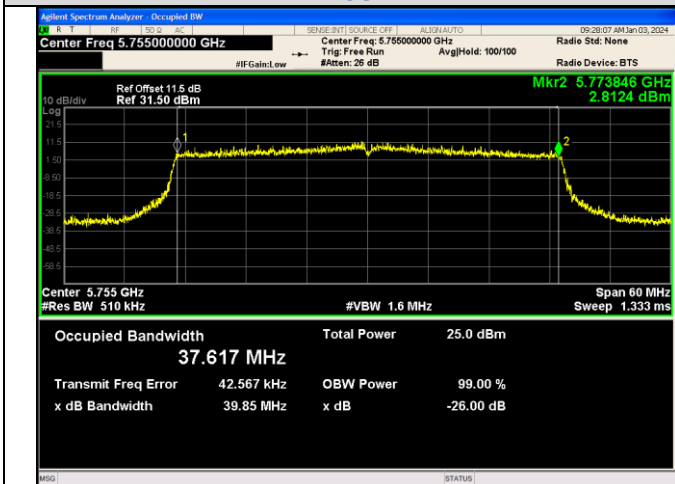
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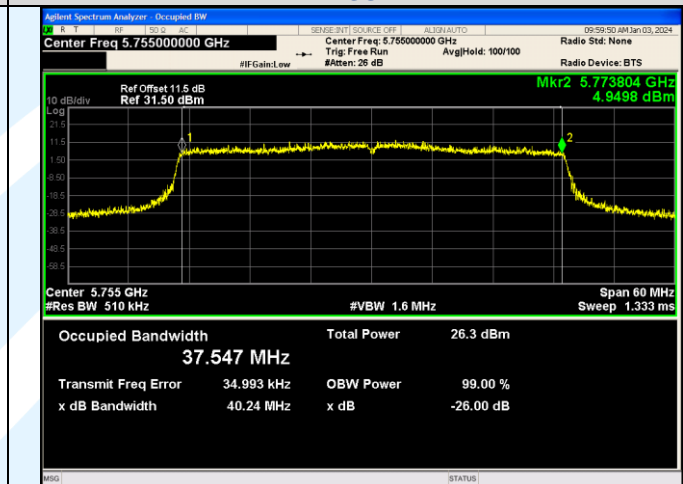
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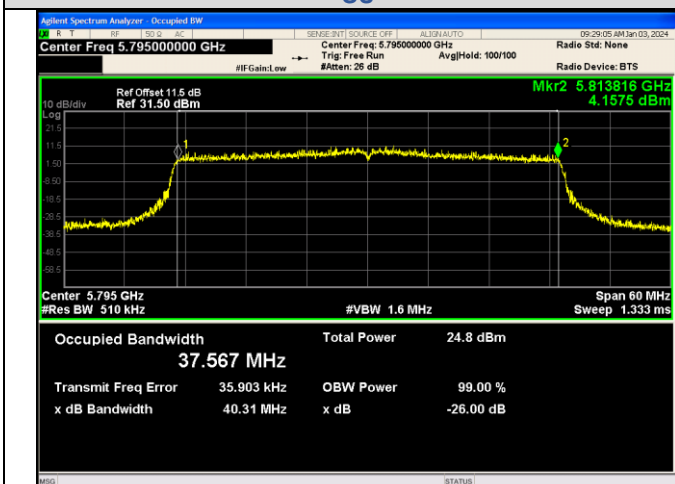
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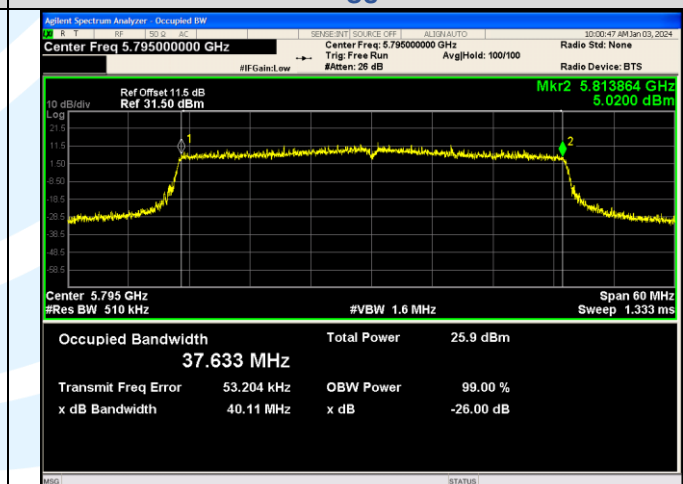
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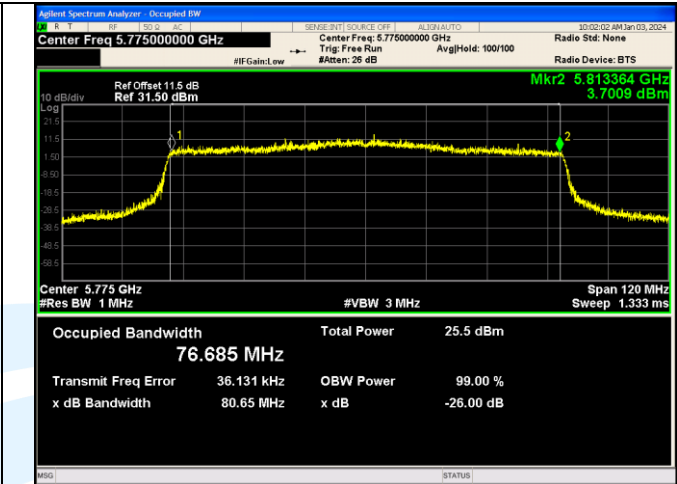
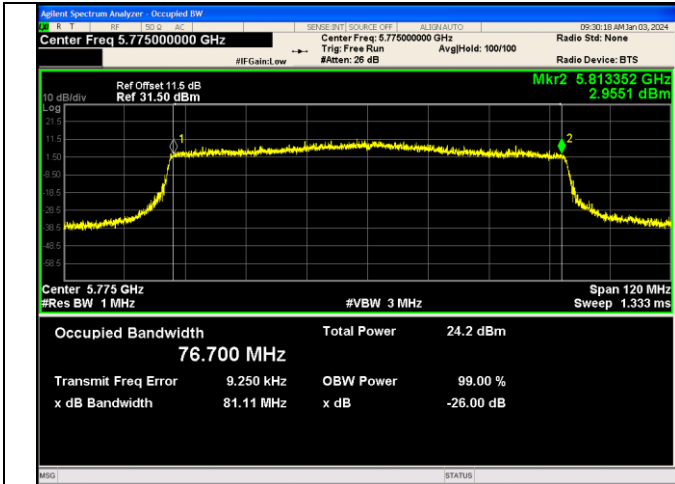
IEEE 802.11ax_Channel 151_40MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 155_80MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 155_80MHz_Antenna 1_RU&Index SU

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A.2 26DB BANDWIDTH

For U-NII-1, U-NII-2A and U-NII-2C Band:

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)
IEEE 802.11a	36	N/A	0	5180	19.57
			1	5180	18.91
	44		0	5220	18.51
			1	5220	18.46
	48		0	5240	18.83
			1	5240	18.86
	52		0	5260	18.48
			1	5260	18.63
	60		0	5300	18.45
			1	5300	18.50
	64		0	5320	18.97
			1	5320	18.53
	100		0	5500	18.45
			1	5500	18.42
116	0	5580	18.78		
	1	5580	18.47		
140	0	5700	18.79		
	1	5700	18.71		
144	0	5720	18.53		
	1	5720	18.53		
IEEE 802.11n_20	36	N/A	0	5180	20.55
			1	5180	20.11
	44		0	5220	19.77
			1	5220	19.54
	48		0	5240	19.79
			1	5240	19.57
	52		0	5260	19.66
			1	5260	19.78
	60		0	5300	19.66
			1	5300	19.72
	64		0	5320	20.40
			1	5320	19.79
	100		0	5500	19.72
			1	5500	19.94
116	0	5580	19.79		
	1	5580	19.77		
140	0	5700	19.79		
	1	5700	19.67		
144	0	5720	19.84		
	1	5720	19.93		
IEEE 802.11n_40	38	N/A	0	5190	38.92
			1	5190	39.32
	46		0	5230	38.97
			1	5230	38.94
	54		0	5270	38.97
			1	5270	38.99
	62		0	5310	39.21
			1	5310	38.76
	102		0	5510	39.32
			1	5510	38.94
	110		0	5550	39.29
			1	5550	38.73
	134		0	5670	39.06
			1	5670	38.79
142	0	5710	39.35		
	1	5710	38.75		
IEEE 802.11ac_20	36	N/A	0	5180	20.64
			1	5180	20.01
44	0		5220	19.95	
	1		5220	19.95	

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			1	5220	19.93
	48		0	5240	20.11
			1	5240	19.75
	52		0	5260	20.01
			1	5260	19.64
	60		0	5300	19.79
			1	5300	20.00
	64		0	5320	19.81
			1	5320	19.96
	100		0	5500	20.35
			1	5500	19.99
	116		0	5580	19.80
			1	5580	19.83
	140		0	5700	19.67
			1	5700	20.09
	144		0	5720	20.04
			1	5720	19.59
			0	5190	39.32
	38		1	5190	39.25
			0	5230	39.30
	46		1	5230	39.69
			0	5270	39.36
	54		1	5270	39.13
			0	5310	39.22
	62		1	5310	39.18
			0	5510	39.41
	102		1	5510	39.47
			0	5550	39.43
	110		1	5550	39.30
			0	5670	39.16
	134		1	5670	39.03
			0	5710	39.08
	142		1	5710	39.30
			0	5210	80.30
	42		1	5210	80.14
			0	5290	80.70
	58		1	5290	80.15
			0	5530	80.15
	106		1	5530	80.75
			0	5690	79.92
	138		1	5690	80.08
			0	5250	163.04
	50		1	5250	161.83
			0	5570	161.97
	114		1	5570	161.87
			0	5180	20.44
	36		1	5180	20.59
			0	5220	20.86
	44		1	5220	20.46
			0	5240	20.31
	48		1	5240	20.53
			0	5260	20.37
	52		1	5260	19.91
			0	5300	20.49
	60		1	5300	20.25
			0	5320	20.51
	64		1	5320	20.73
			0	5500	20.54
	100		1	5500	20.35
			0	5580	20.36
	116		1	5580	20.28
			0	5700	20.42
	140		1	5700	20.56

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Fax: +86-755-28230886

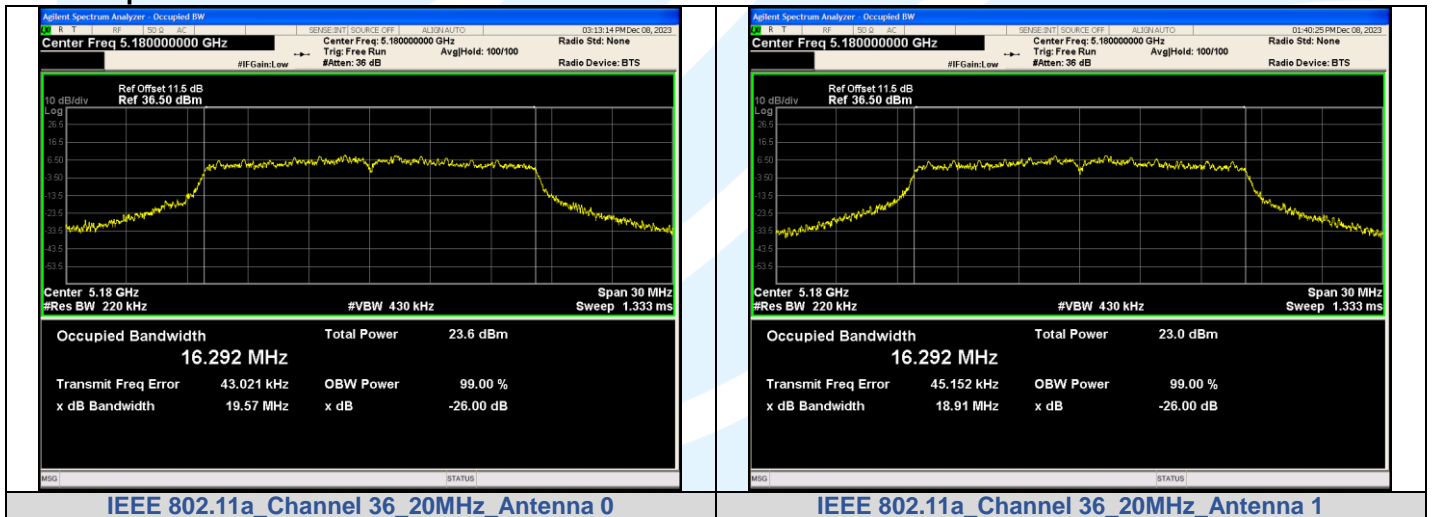
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-EN300328-V1.2

	144		0	5720	20.38
			1	5720	20.39
IEEE 802.11ax_40	38		0	5190	39.61
			1	5190	39.59
	46		0	5230	39.45
			1	5230	40.11
	54		0	5270	40.07
			1	5270	39.84
	62		0	5310	39.81
			1	5310	40.15
	102		0	5510	39.76
			1	5510	40.05
	110		0	5550	39.58
			1	5550	39.74
	134		0	5670	39.92
			1	5670	39.69
	142		0	5710	39.91
			1	5710	39.65
IEEE 802.11ax_80	42		0	5210	81.09
			1	5210	81.29
	58		0	5290	81.12
			1	5290	80.31
	106		0	5530	80.88
			1	5530	81.60
	138		0	5690	80.65
			1	5690	80.69
IEEE 802.11ax_160	50		0	5250	162.08
			1	5250	162.73
	114		0	5570	161.97
			1	5570	163.29

Test Graphs



Shenzhen UnionTrust Quality and Technology Co., Ltd.

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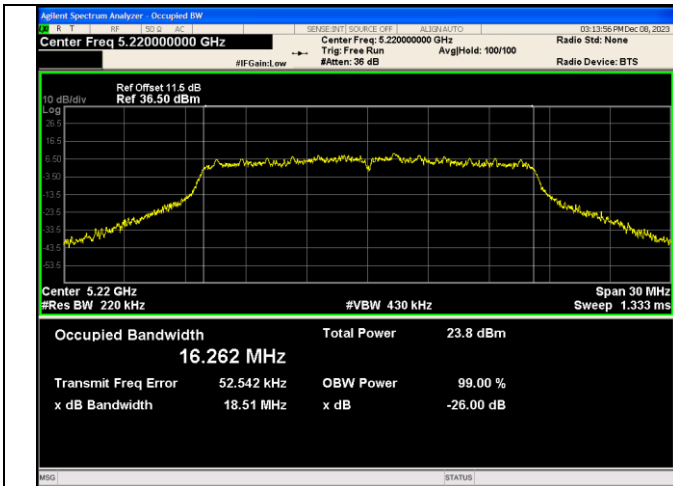
Tel: +86-755-28230888

Fax: +86-755-28230886

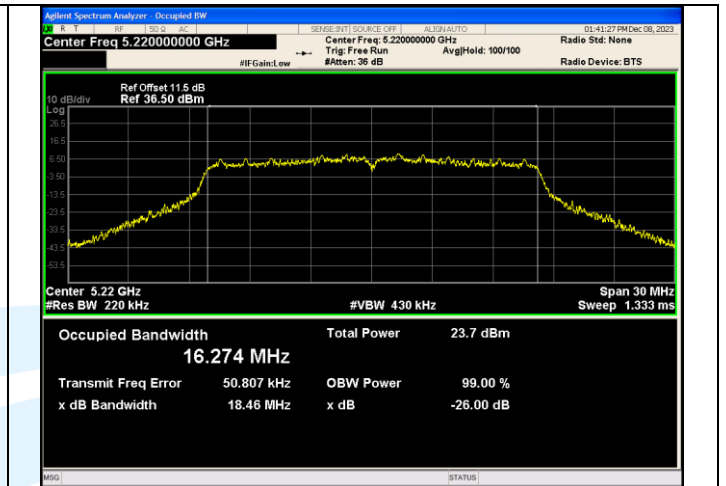
E-mail: info@uttlab.com

<http://www.uttlab.com>

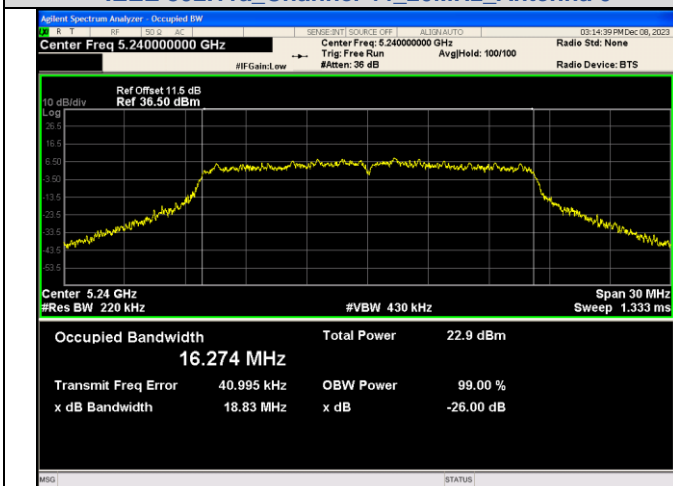
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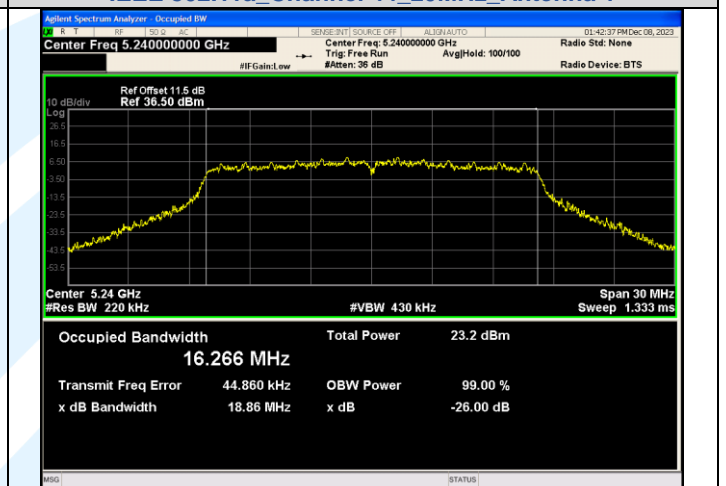
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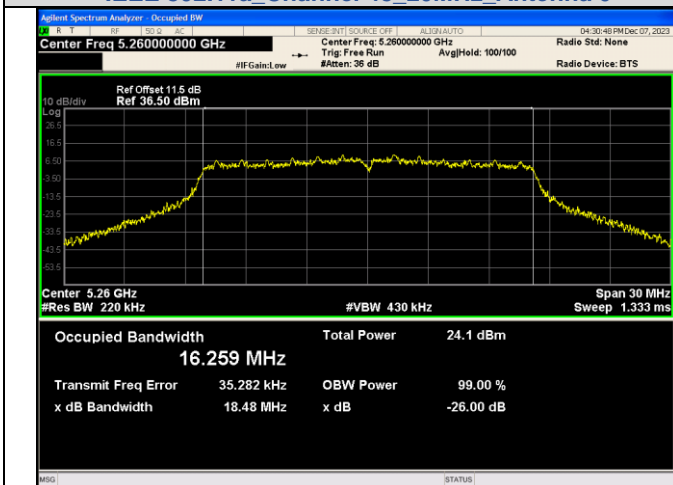
IEEE 802.11a_Channel 44_20MHz_Antenna 1



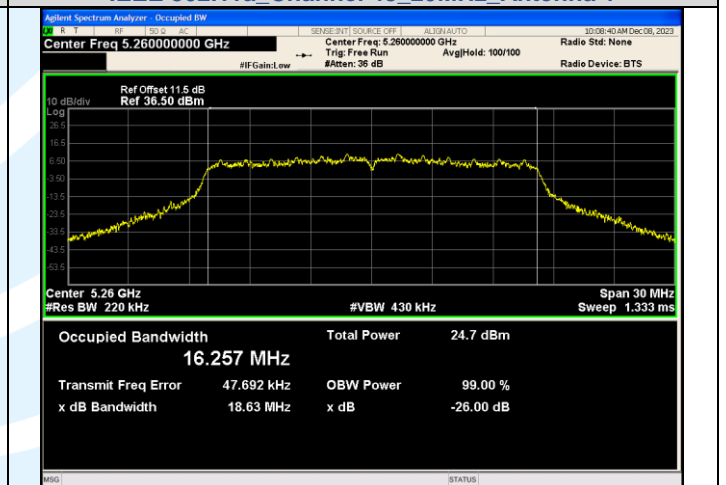
IEEE 802.11a_Channel 48_20MHz_Antenna 0



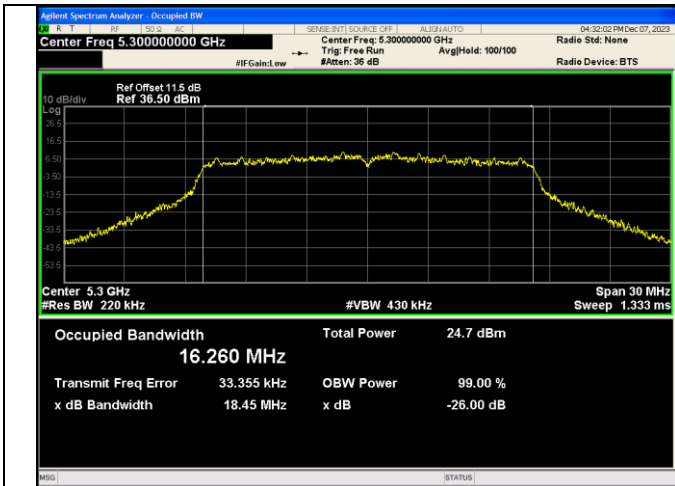
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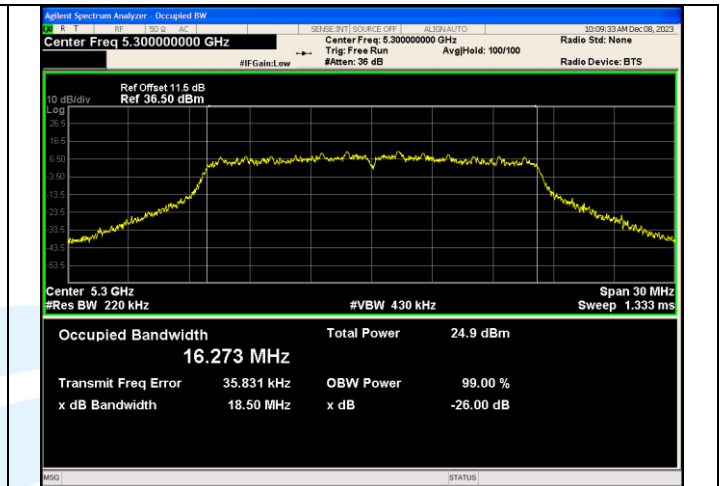
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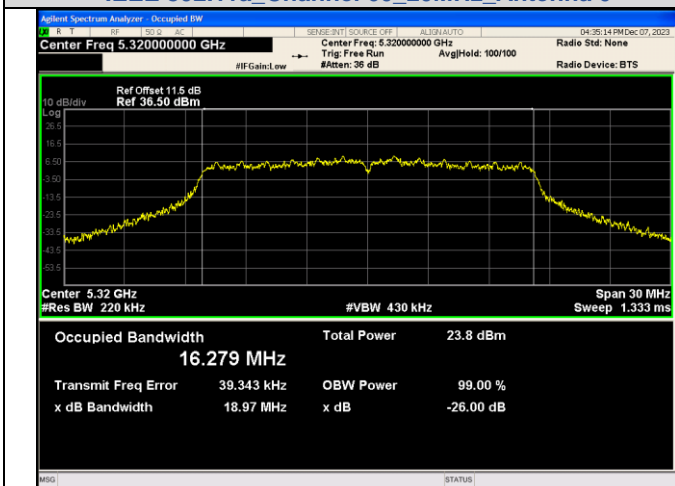
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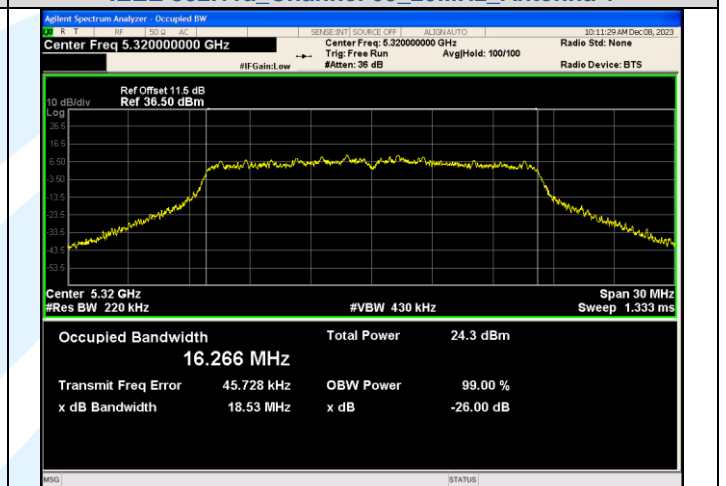
IEEE 802.11a_Channel 60_20MHz_Antenna 0



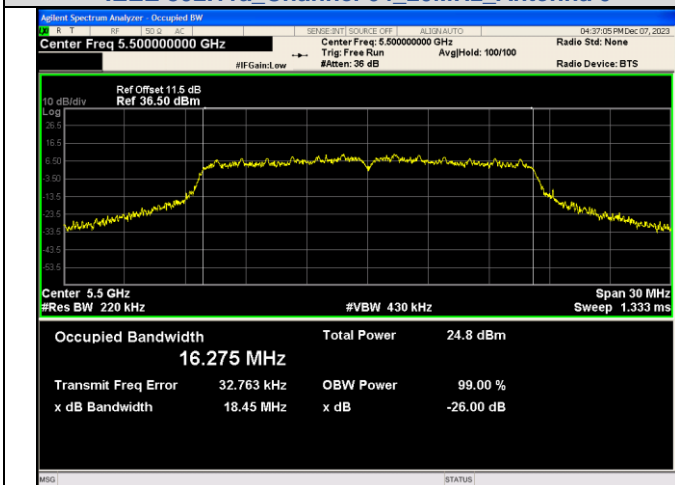
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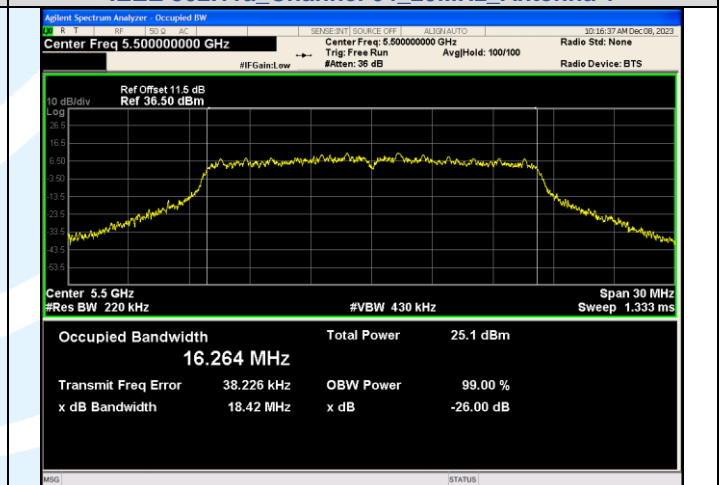
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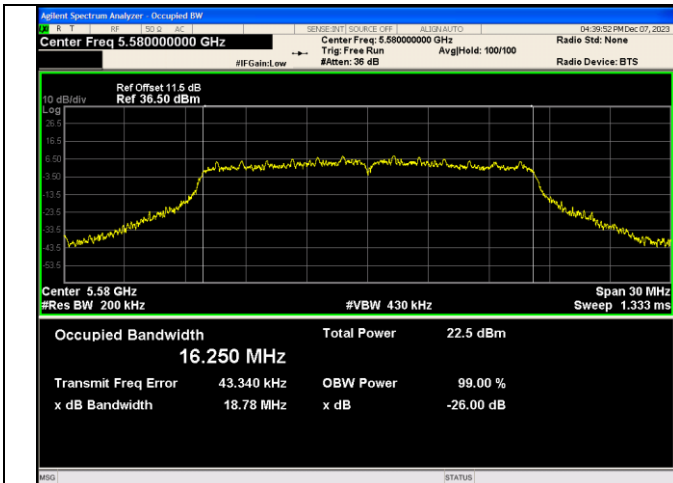
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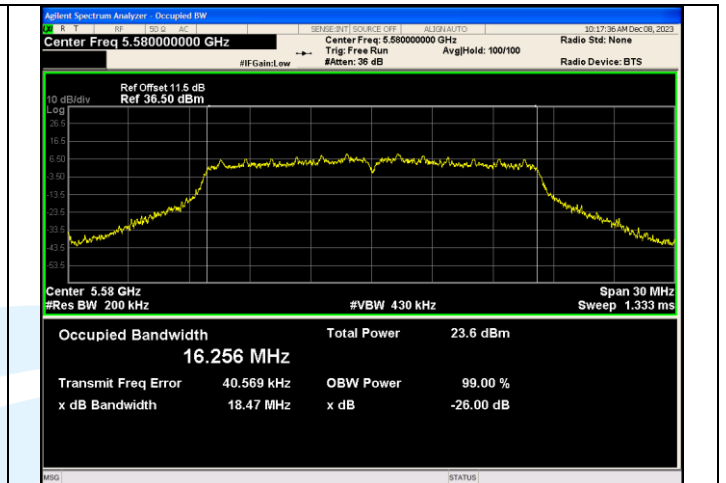
IEEE 802.11a_Channel 100_20MHz_Antenna 0



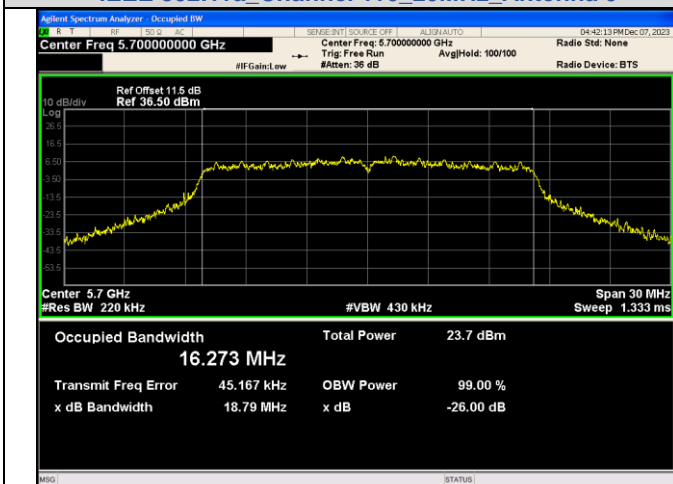
IEEE 802.11a_Channel 100_20MHz_Antenna 1



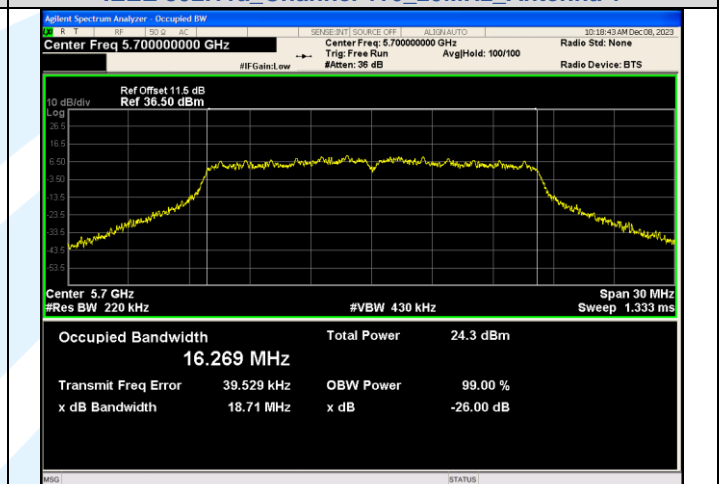
IEEE 802.11a_Channel 116_20MHz_Antenna 0



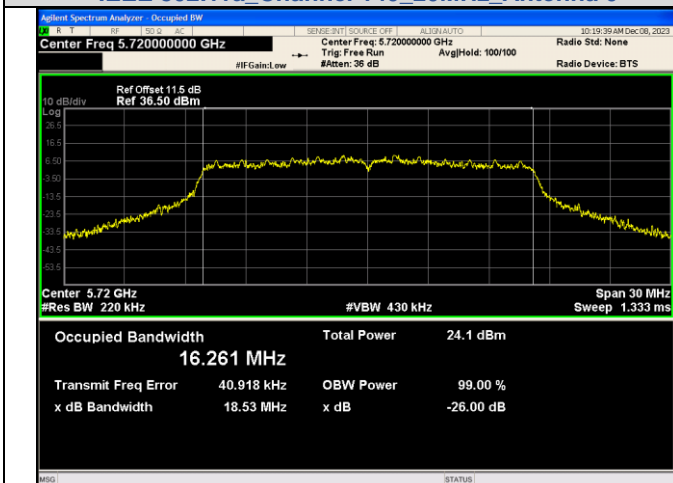
IEEE 802.11a_Channel 116_20MHz_Antenna 1



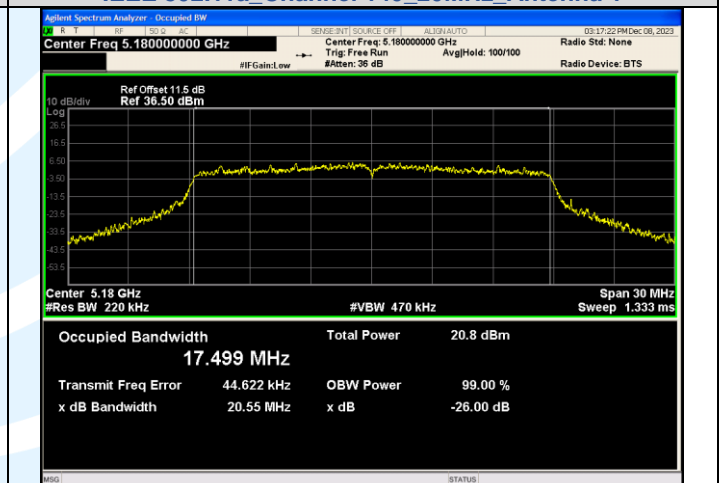
IEEE 802.11a_Channel 140_20MHz_Antenna 0



IEEE 802.11a_Channel 140_20MHz_Antenna 1



IEEE 802.11a_Channel 144_20MHz_Antenna 1



IEEE 802.11n_Channel 36_20MHz_Antenna 0