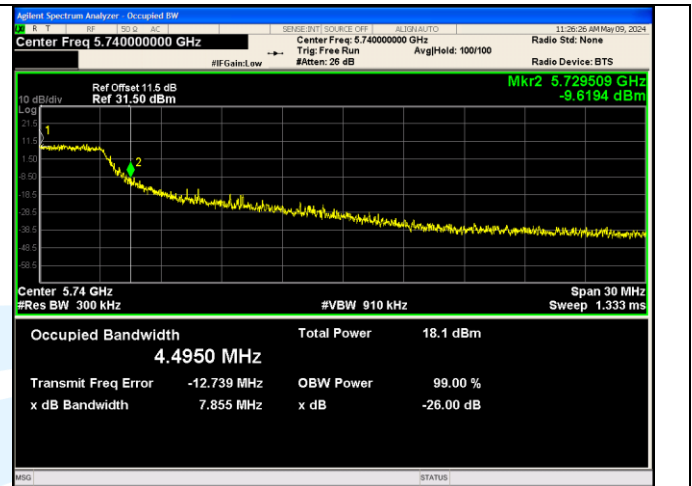
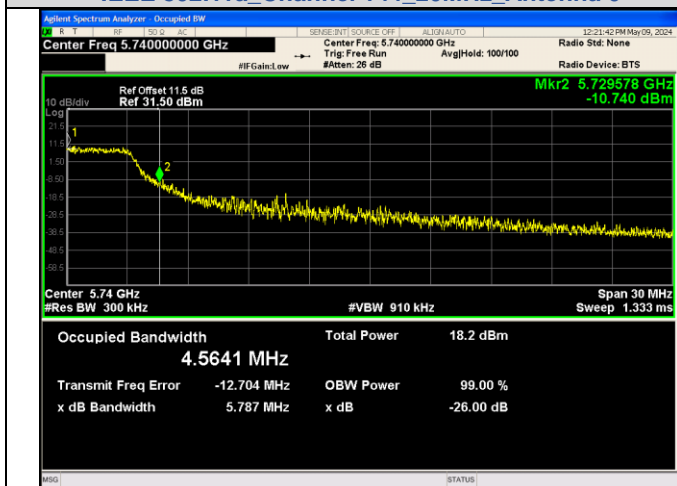


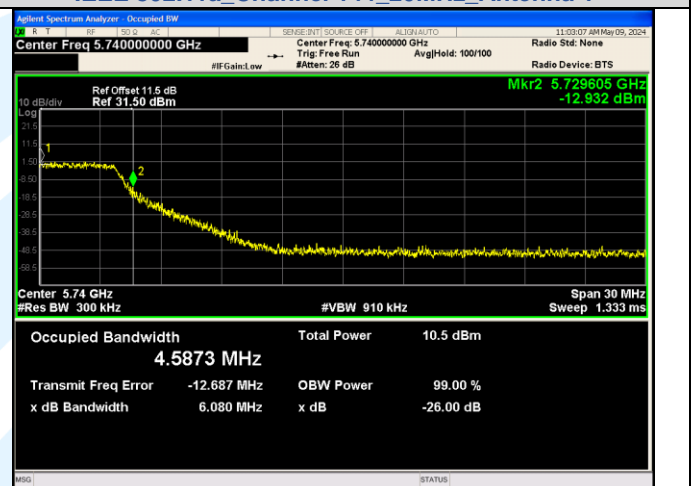
IEEE 802.11a_Channel 144_20MHz_Antenna 0



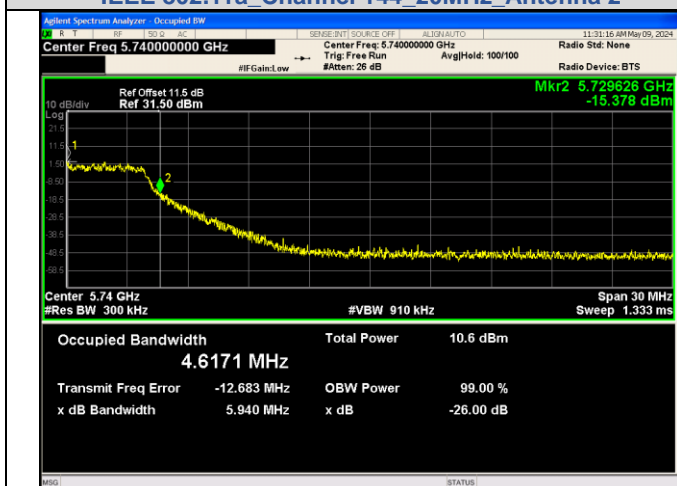
IEEE 802.11a_Channel 144_20MHz_Antenna 1



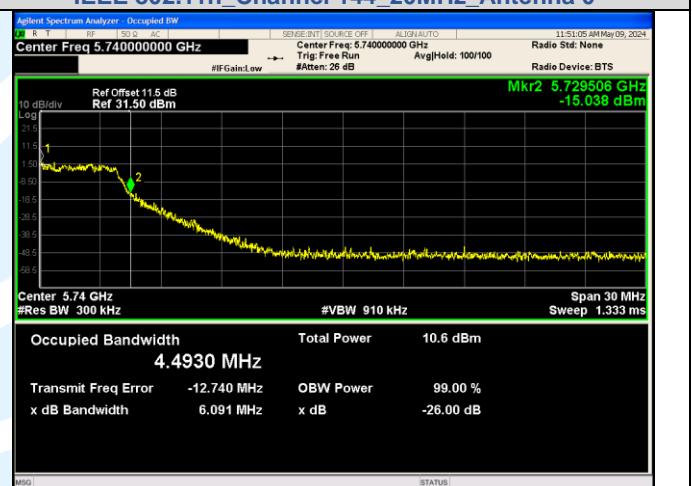
IEEE 802.11a_Channel 144_20MHz_Antenna 2



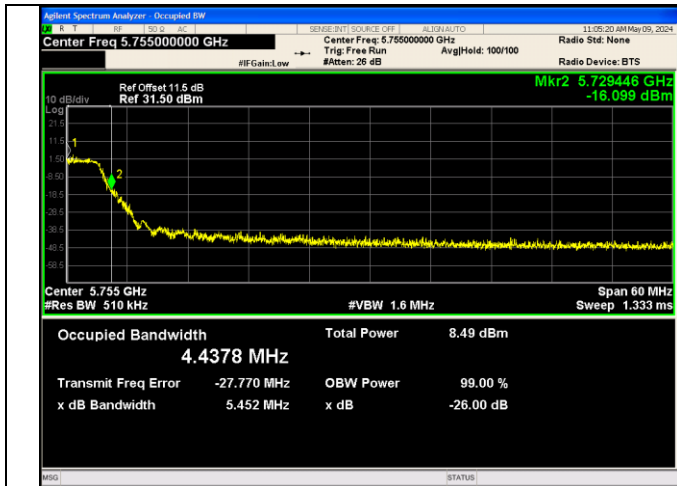
IEEE 802.11n_Channel 144_20MHz_Antenna 0



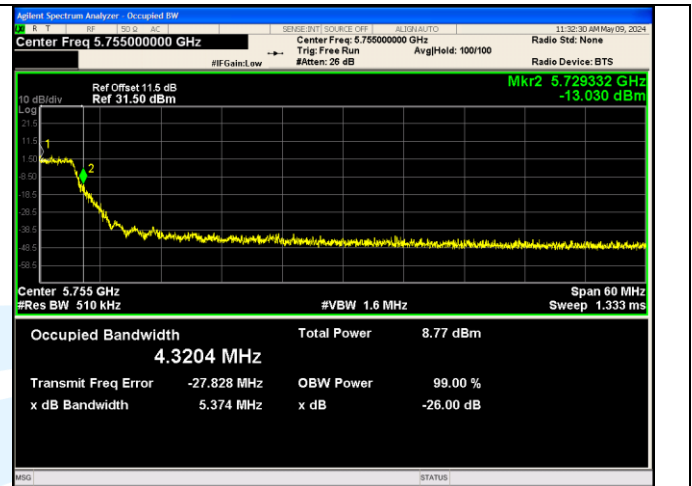
IEEE 802.11n_Channel 144_20MHz_Antenna 1



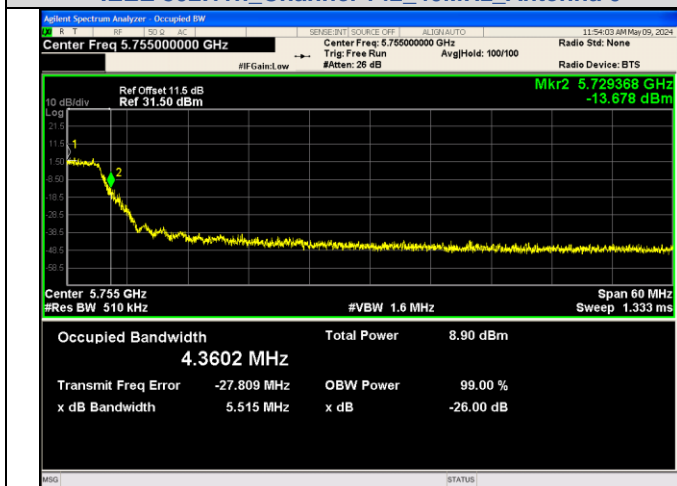
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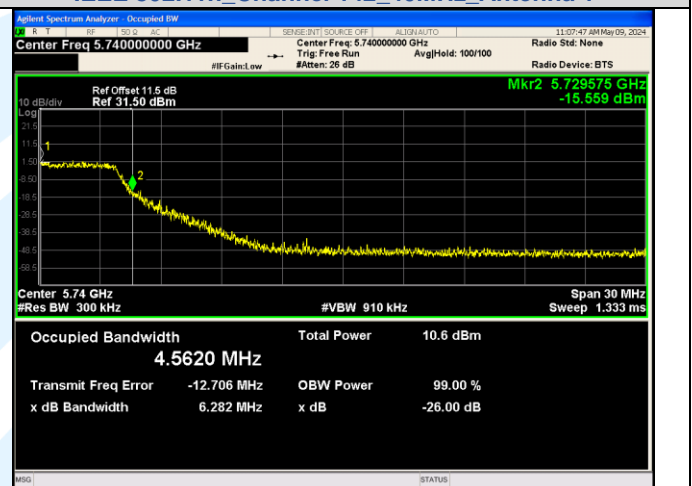
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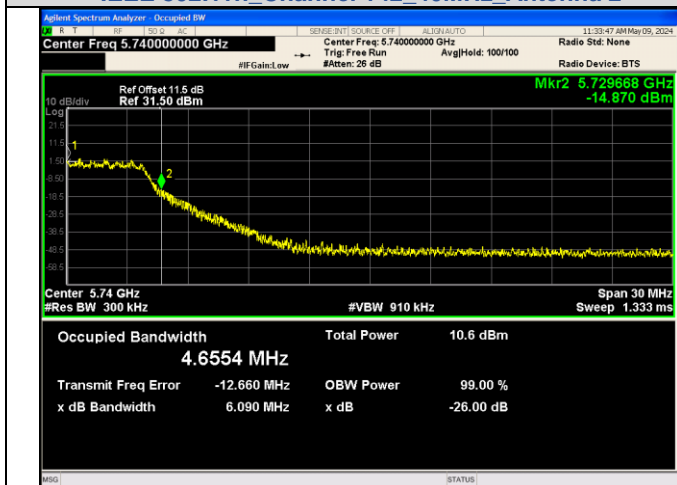
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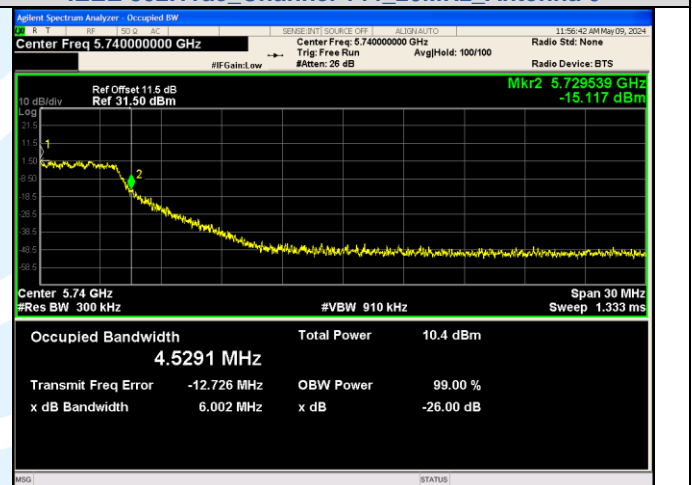
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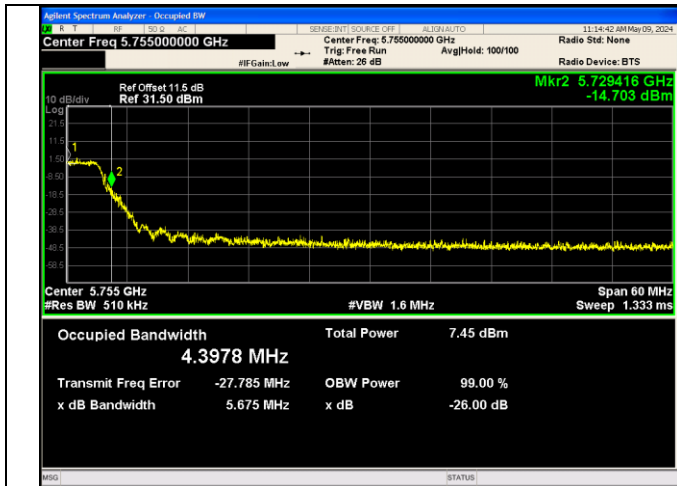
IEEE 802.11ac_Channel 144_20MHz_Antenna 0



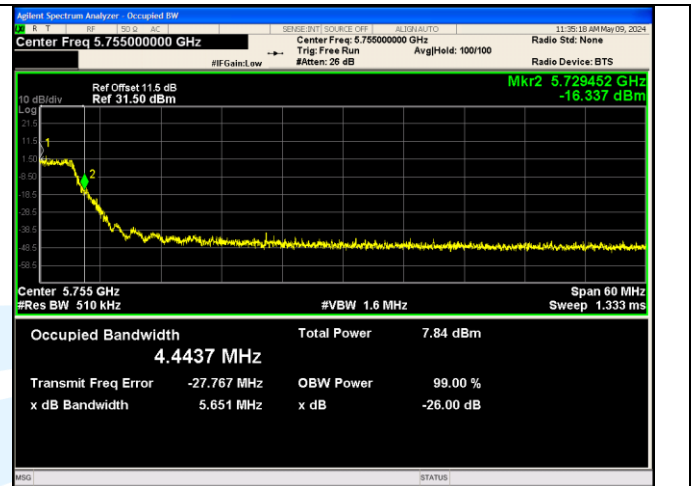
IEEE 802.11ac_Channel 144_20MHz_Antenna 1



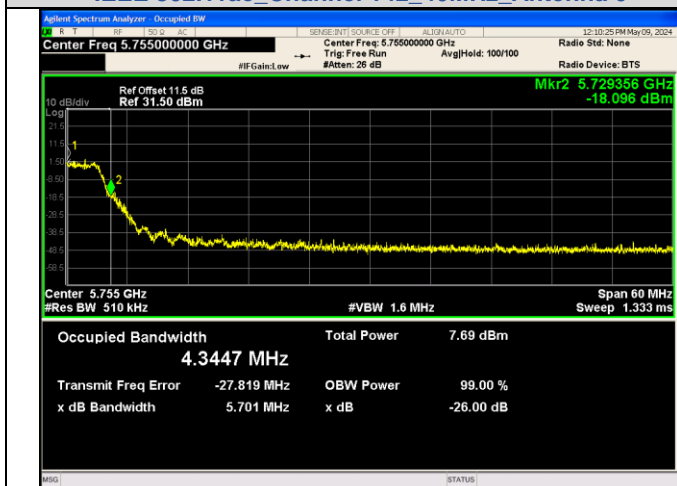
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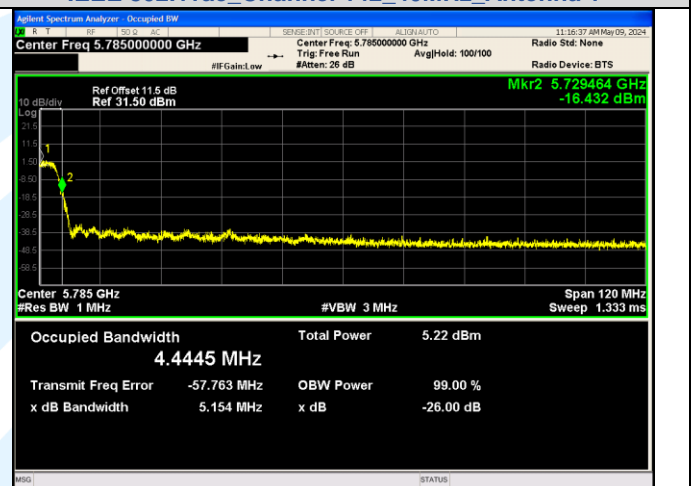
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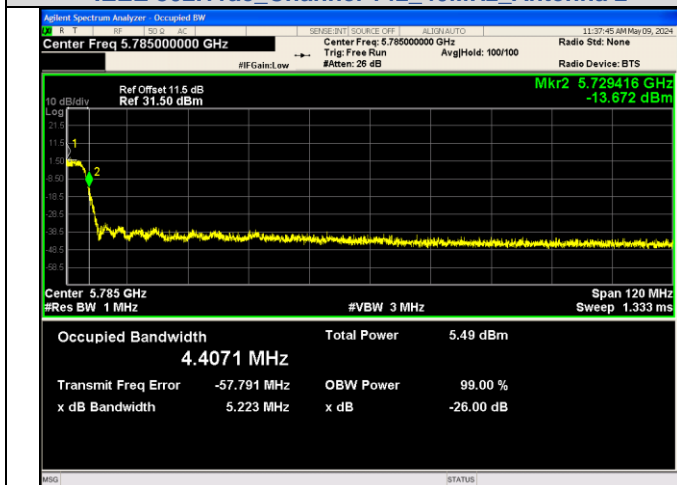
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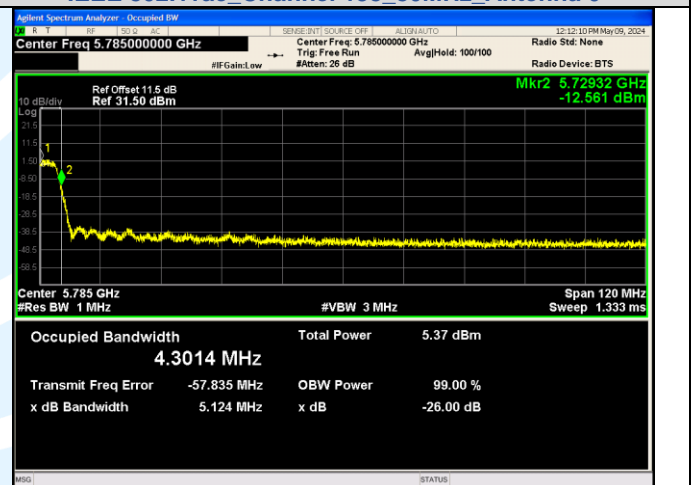
IEEE 802.11ac_Channel 142_40MHz_Antenna 2



IEEE 802.11ac_Channel 138_80MHz_Antenna 0



IEEE 802.11ac_Channel 138_80MHz_Antenna 1



IEEE 802.11ac_Channel 138_80MHz_Antenna 2

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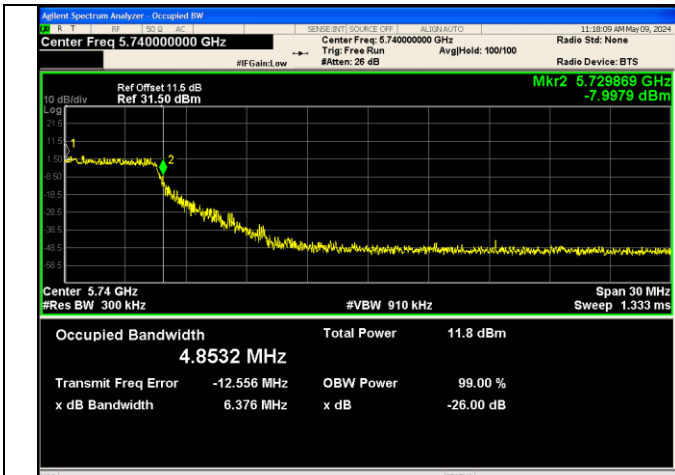
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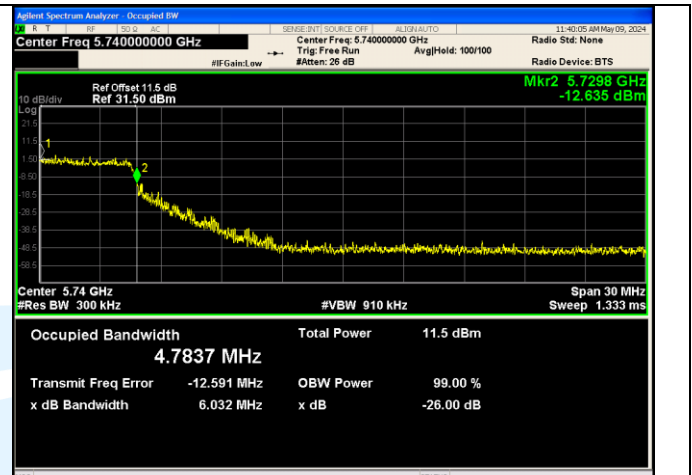
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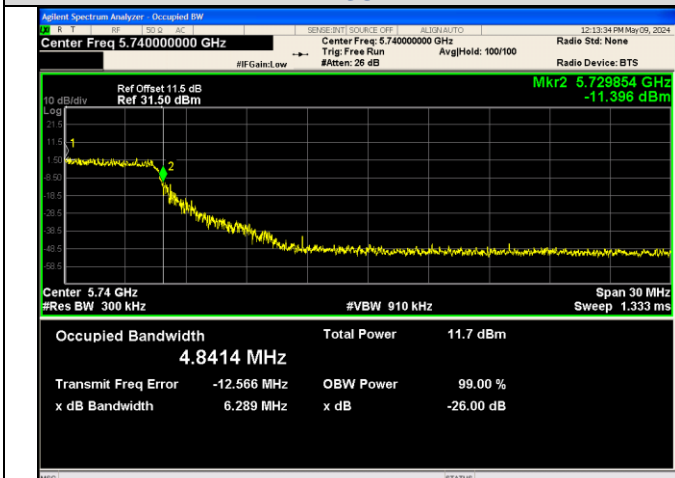
UTTR-RF-EN300328-V1.2



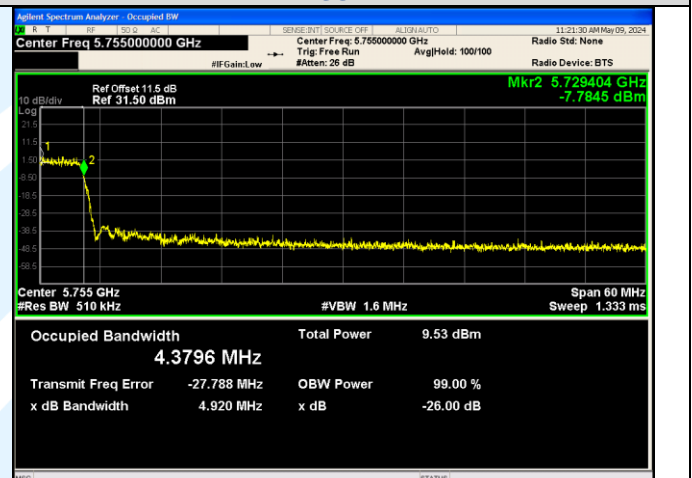
IEEE 802.11ax_Channel 144_20MHz_Antenna 0_RU&Index SU



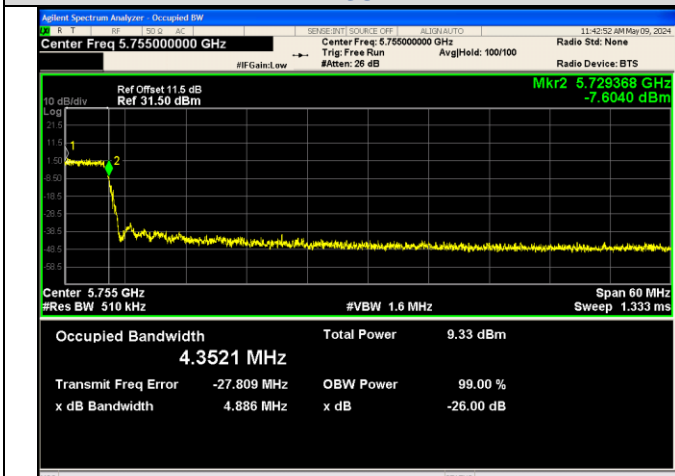
IEEE 802.11ax_Channel 144_20MHz_Antenna 1_RU&Index SU



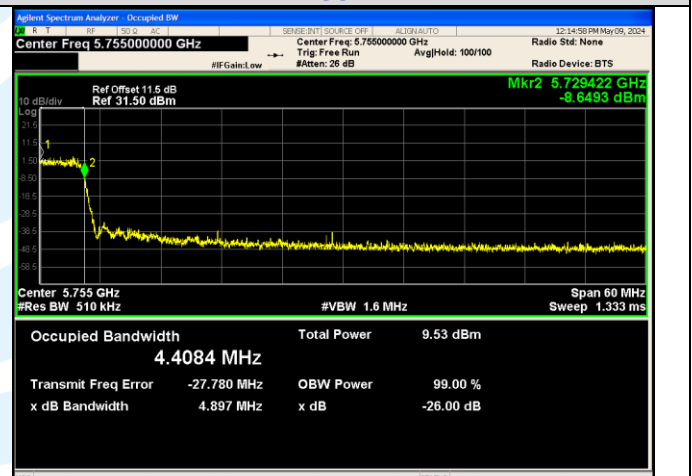
IEEE 802.11ax_Channel 144_20MHz_Antenna 2_RU&Index SU



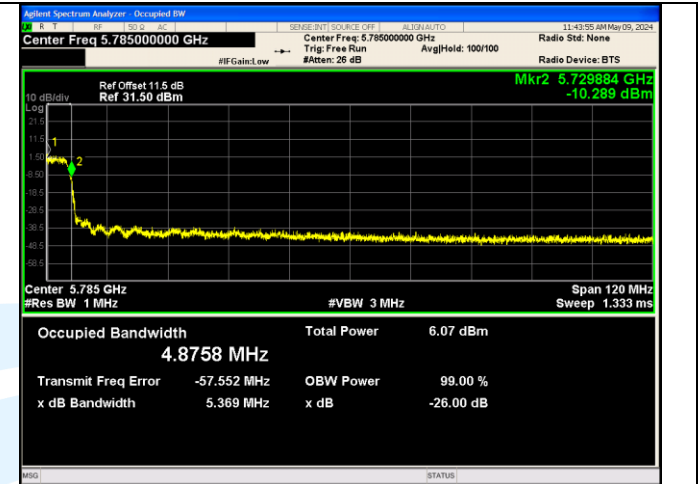
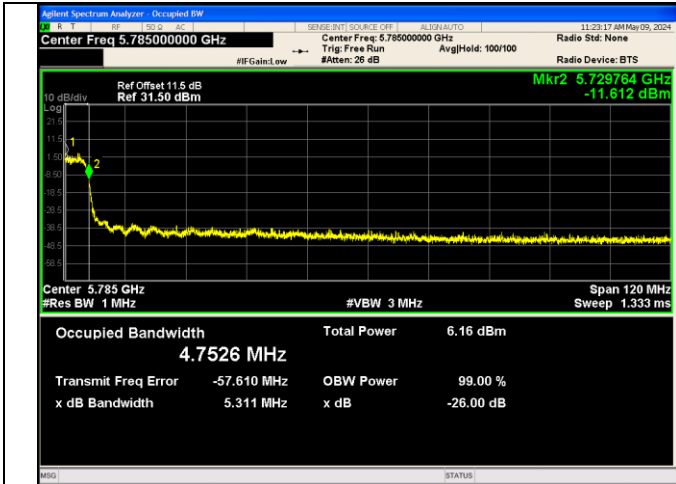
IEEE 802.11ax_Channel 142_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 142_40MHz_Antenna 1_RU&Index SU

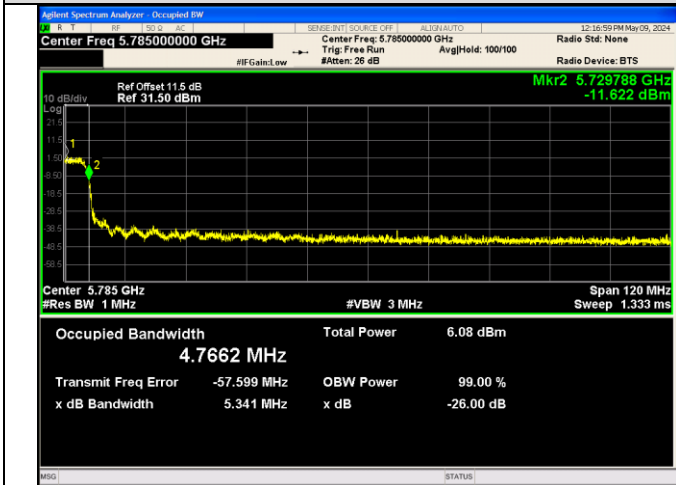


IEEE 802.11ax_Channel 142_40MHz_Antenna 2_RU&Index SU



IEEE 802.11ax_Channel 138_80MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 138_80MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 138_80MHz_Antenna 2_RU&Index SU

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	27.36
			1	5180	27.51
			2	5180	27.91
	44		0	5220	25.65
			1	5220	27.22
			2	5220	25.52
	48		0	5240	25.97
			1	5240	29.25
			2	5240	28.59
	52		0	5260	20.05
			1	5260	20.66
			2	5260	20.88
	60		0	5300	29.51
			1	5300	27.40
			2	5300	26.20
	64		0	5320	26.03
			1	5320	26.81
			2	5320	27.88
100	0	5500	26.65		
	1	5500	27.48		
	2	5500	27.44		
116	0	5580	20.63		
	1	5580	20.54		
	2	5580	20.99		
140	0	5700	24.87		
	1	5700	27.42		
	2	5700	24.87		
IEEE 802.11n_20	36	N/A	0	5180	27.10
			1	5180	26.76
			2	5180	25.88
	44		0	5220	21.30
			1	5220	21.41
			2	5220	21.19
	48		0	5240	20.31
			1	5240	20.22
			2	5240	20.12
	52		0	5260	20.96
			1	5260	20.74
			2	5260	21.28
	60		0	5300	28.81
			1	5300	27.83
			2	5300	28.72
	64		0	5320	28.01
			1	5320	28.15
			2	5320	25.89
100	0	5500	27.06		
	1	5500	25.49		
	2	5500	27.86		
116	0	5580	21.00		
	1	5580	20.97		
	2	5580	21.37		
140	0	5700	26.01		
	1	5700	25.84		
	2	5700	26.47		
IEEE 802.11n_40	38	N/A	0	5190	54.52
			1	5190	50.61
			2	5190	52.94
	46		0	5230	49.53

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		1	5230	52.39
		2	5230	46.19
	54	0	5270	39.93
		1	5270	39.29
		2	5270	40.12
	62	0	5310	51.07
		1	5310	47.40
		2	5310	51.32
	102	0	5510	54.36
		1	5510	52.72
		2	5510	51.35
	110	0	5550	40.55
		1	5550	39.43
		2	5550	40.08
	134	0	5670	55.97
		1	5670	54.70
		2	5670	54.00
		0	5180	28.27
	36	1	5180	26.12
		2	5180	27.81
	44	0	5220	21.64
		1	5220	21.84
		2	5220	26.00
	48	0	5240	20.36
		1	5240	20.59
		2	5240	20.34
	52	0	5260	21.36
		1	5260	21.47
		2	5260	21.23
	60	0	5300	28.85
		1	5300	27.40
		2	5300	29.23
	64	0	5320	26.62
		1	5320	27.85
		2	5320	28.20
	100	0	5500	27.99
		1	5500	27.58
		2	5500	27.18
	116	0	5580	21.91
		1	5580	21.37
		2	5580	21.54
	140	0	5700	26.55
		1	5700	25.04
		2	5700	25.65
		0	5190	53.79
	38	1	5190	54.07
		2	5190	53.50
	46	0	5230	42.63
		1	5230	45.06
		2	5230	40.98
	54	0	5270	40.22
		1	5270	39.76
		2	5270	39.75
	62	0	5310	53.58
		1	5310	48.66
		2	5310	49.51
	102	0	5510	54.26
		1	5510	45.46
		2	5510	46.73
	110	0	5550	40.10
		1	5550	40.17
		2	5550	39.97
	134	0	5670	57.88
IEEE 802.11ac_20				
IEEE 802.11ac_40				

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			1	5670	51.24
			2	5670	55.76
IEEE 802.11ac_80	42	SU	0	5210	97.30
			1	5210	98.45
			2	5210	105.72
	58		0	5290	88.35
			1	5290	98.89
			2	5290	95.05
	106		0	5530	97.92
			1	5530	102.89
			2	5530	102.47
IEEE 802.11ac_160	50	SU	0	5250	167.56
			1	5250	169.09
			2	5250	168.08
	114		0	5570	172.97
			1	5570	172.09
			2	5570	167.77
IEEE 802.11ax_20	36	SU	0	5180	25.86
			1	5180	25.21
			2	5180	27.34
	44		0	5220	21.38
			1	5220	21.86
			2	5220	22.26
	48		0	5240	19.82
			1	5240	19.87
			2	5240	19.82
	52		0	5260	21.99
			1	5260	21.59
			2	5260	21.85
	60		0	5300	27.02
			1	5300	25.91
			2	5300	25.95
	64		0	5320	25.57
			1	5320	27.43
			2	5320	27.56
	100		0	5500	27.07
			1	5500	26.46
			2	5500	25.55
116	0	5580	22.47		
	1	5580	22.10		
	2	5580	21.39		
140	0	5700	25.08		
	1	5700	25.68		
	2	5700	24.03		
IEEE 802.11ax_40	38	SU	0	5190	50.28
			1	5190	47.48
			2	5190	49.20
	46		0	5230	39.31
			1	5230	39.24
			2	5230	39.34
	54		0	5270	39.32
			1	5270	39.47
			2	5270	39.44
	62		0	5310	48.76
			1	5310	44.88
			2	5310	43.22
	102		0	5510	50.50
			1	5510	50.60
			2	5510	48.73
110	0	5550	39.29		
	1	5550	39.32		
	2	5550	39.36		
134	0	5670	52.18		

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			1	5670	52.60
			2	5670	45.93
IEEE 802.11ax_80	42	N/A	0	5210	87.21
			1	5210	91.52
			2	5210	84.15
	58		0	5290	89.70
			1	5290	84.46
			2	5290	89.34
	106		0	5530	91.15
			1	5530	89.10
			2	5530	99.22
IEEE 802.11ax_160	50	N/A	0	5250	161.83
			1	5250	162.73
			2	5250	161.56
	114		0	5570	161.15
			1	5570	161.74
			2	5570	161.51

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)		
IEEE 802.11a	144	N/A	0	5720	15.24		
			1	5720	15.11		
			2	5720	24.98		
IEEE 802.11n_20			0	5720	15.18		
			1	5720	15.22		
			2	5720	16.27		
IEEE 802.11n_40			142	N/A	0	5710	34.99
					1	5710	34.63
					2	5710	34.81
IEEE 802.11ac_20	144	0	5720		15.27		
		1	5720		15.11		
		2	5720		15.22		
IEEE 802.11ac_40	142	0	5710		34.83		
		1	5710		35.08		
		2	5710		34.93		
IEEE 802.11ac_80	138	0	5690	74.48			
		1	5690	74.52			
		2	5690	74.29			
IEEE 802.11ax_20	144	SU	0	5720	15.77		
			1	5720	15.61		
			2	5720	15.58		
IEEE 802.11ax_40	142		0	5710	34.51		
			1	5710	34.64		
			2	5710	34.61		
IEEE 802.11ax_80	138		0	5690	74.86		
			1	5690	74.86		
			2	5690	74.92		

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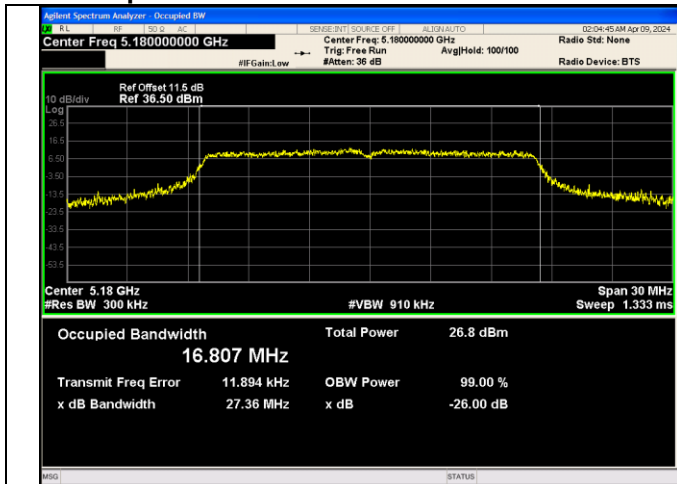
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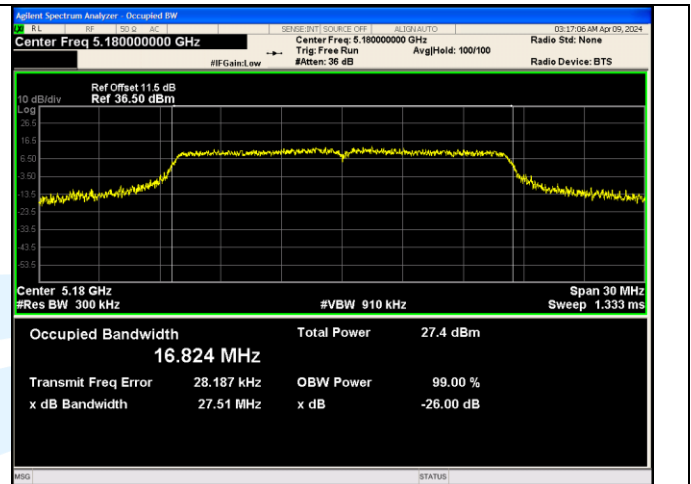
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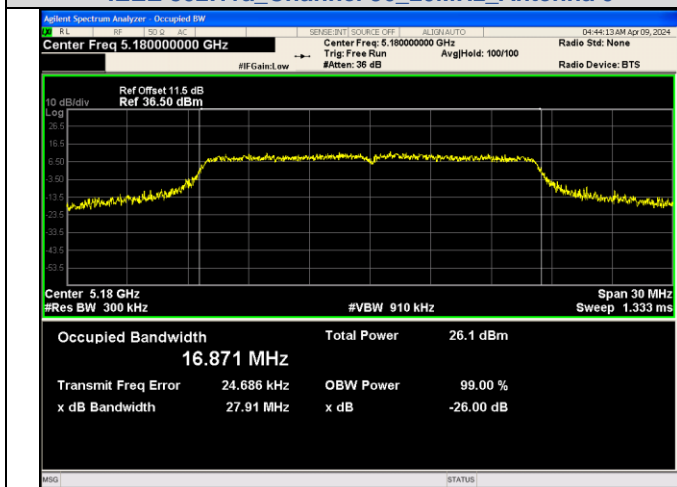
Test Graphs



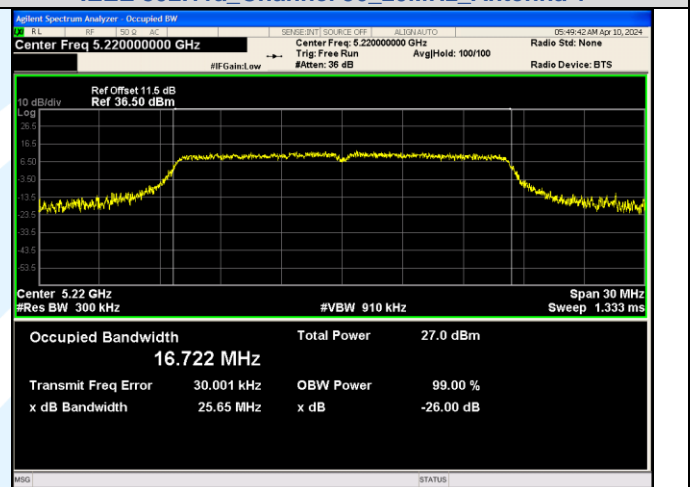
IEEE 802.11a_Channel 36_20MHz_Antenna 0



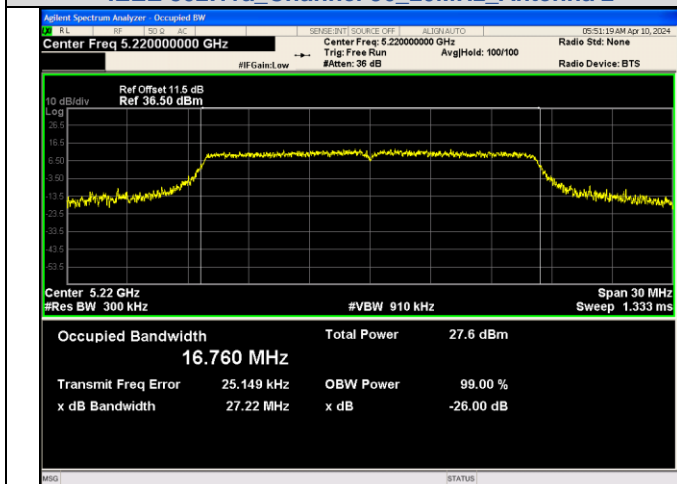
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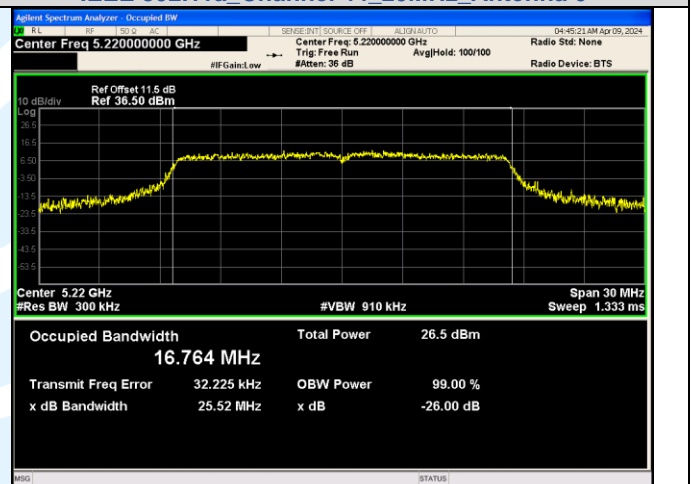
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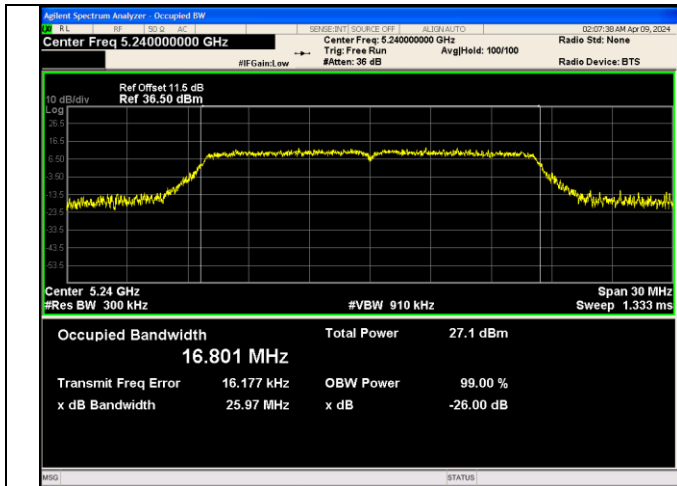
IEEE 802.11a_Channel 44_20MHz_Antenna 0



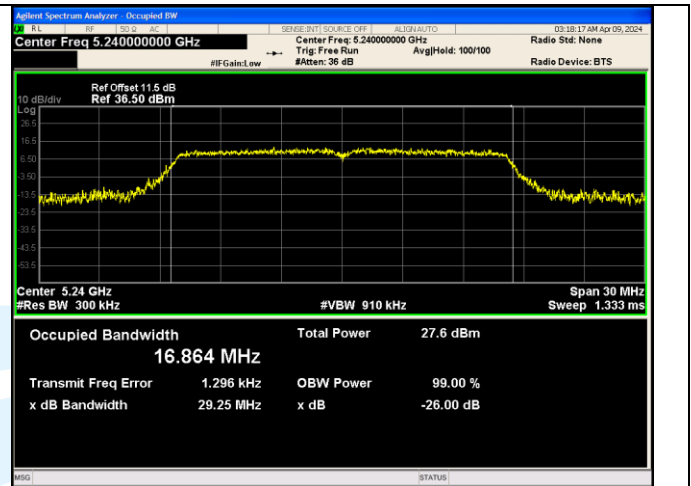
IEEE 802.11a_Channel 44_20MHz_Antenna 1



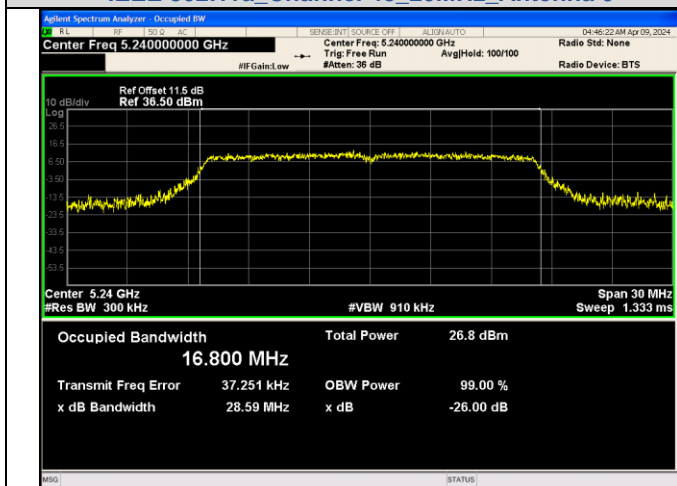
IEEE 802.11a_Channel 44_20MHz_Antenna 2



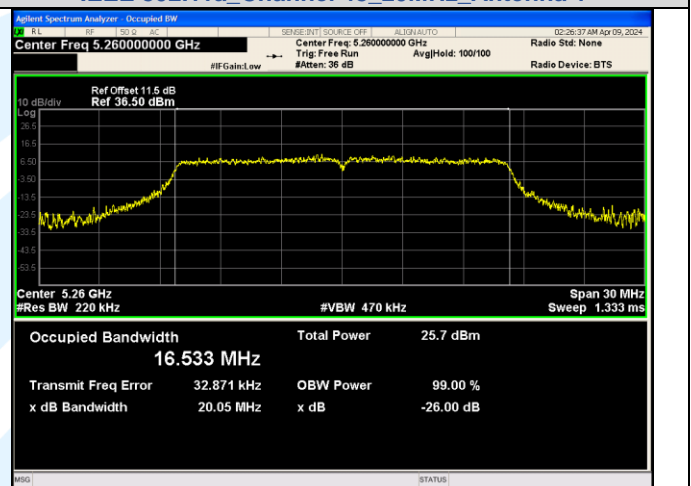
IEEE 802.11a_Channel 48_20MHz_Antenna 0



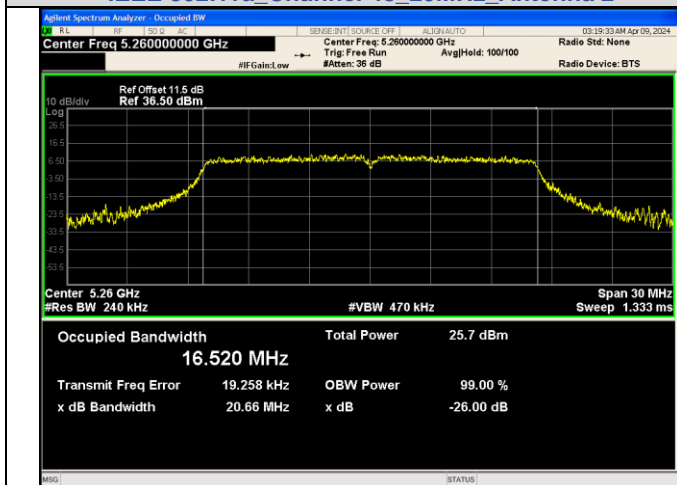
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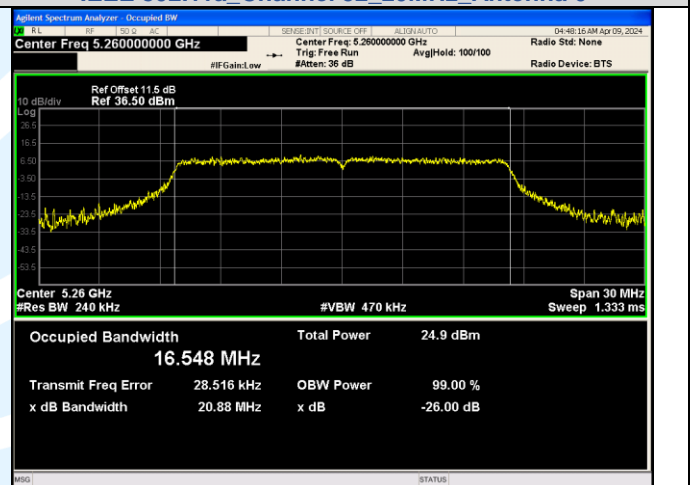
IEEE 802.11a_Channel 48_20MHz_Antenna 2



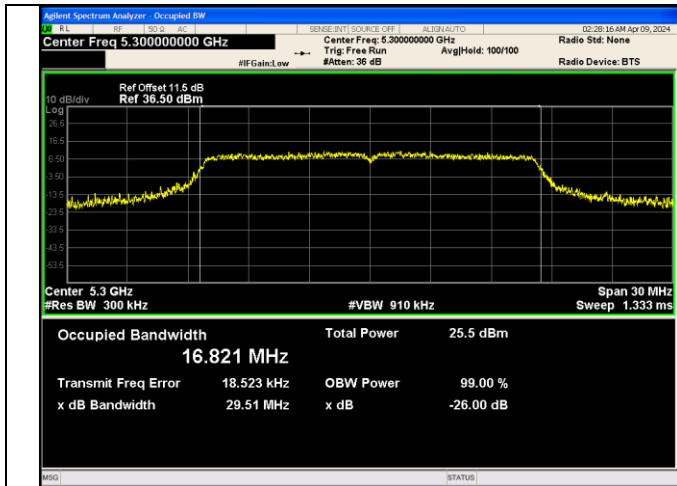
IEEE 802.11a_Channel 52_20MHz_Antenna 0



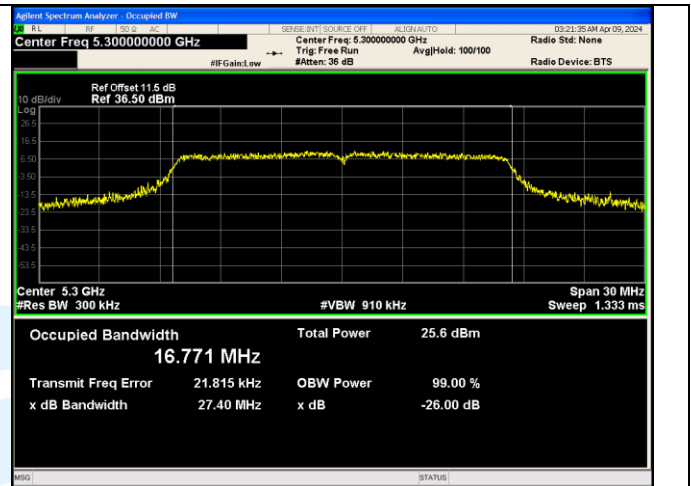
IEEE 802.11a_Channel 52_20MHz_Antenna 1



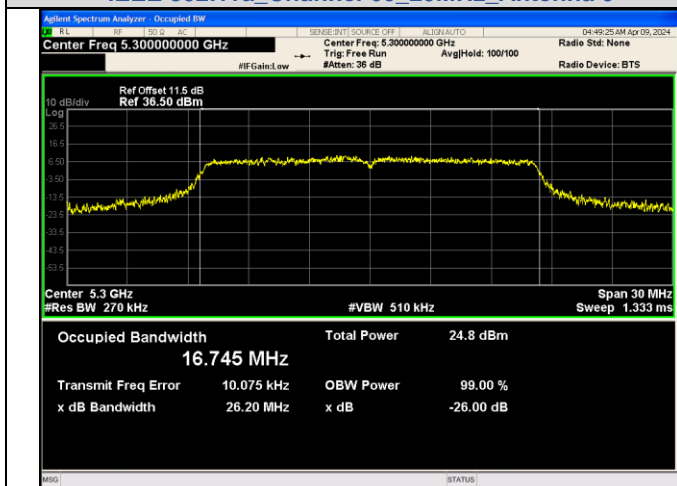
IEEE 802.11a_Channel 52_20MHz_Antenna 2



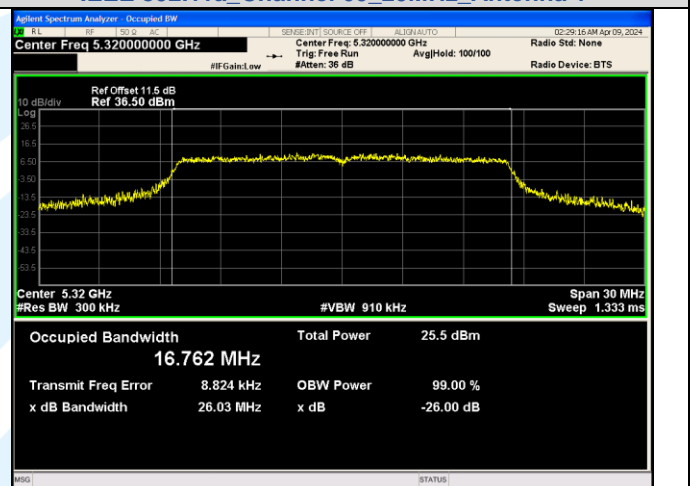
IEEE 802.11a_Channel 60_20MHz_Antenna 0



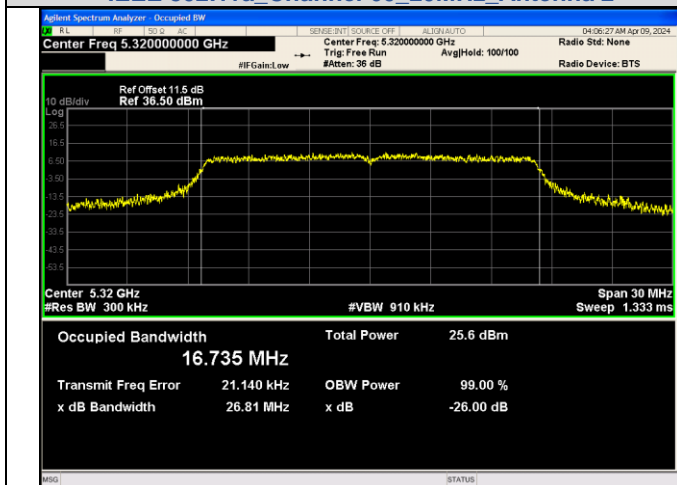
IEEE 802.11a_Channel 60_20MHz_Antenna 1



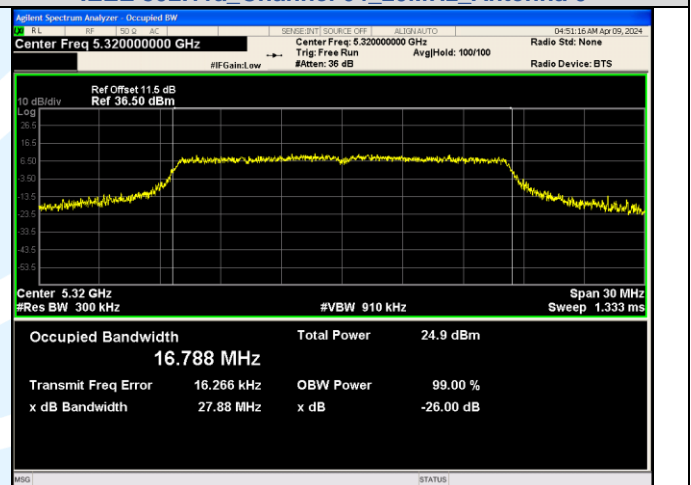
IEEE 802.11a_Channel 60_20MHz_Antenna 2



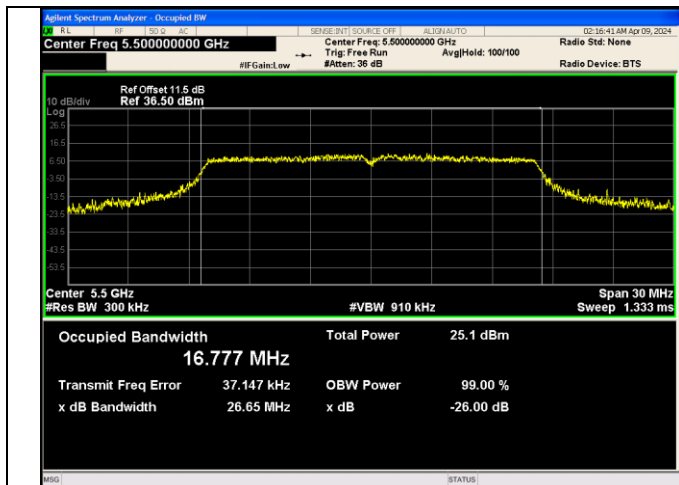
IEEE 802.11a_Channel 64_20MHz_Antenna 0



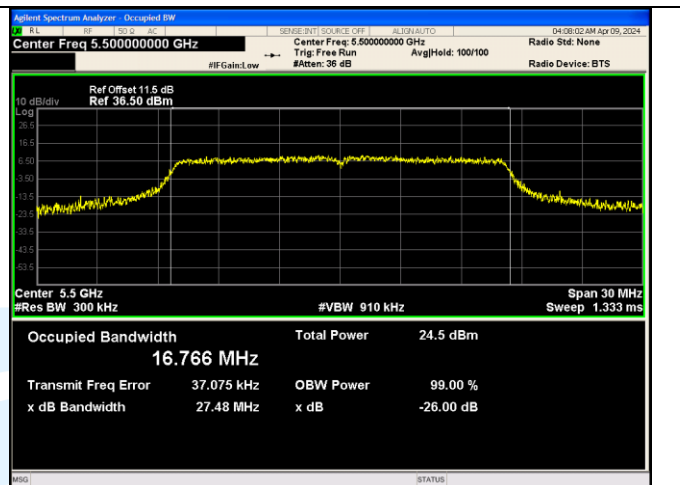
IEEE 802.11a_Channel 64_20MHz_Antenna 1



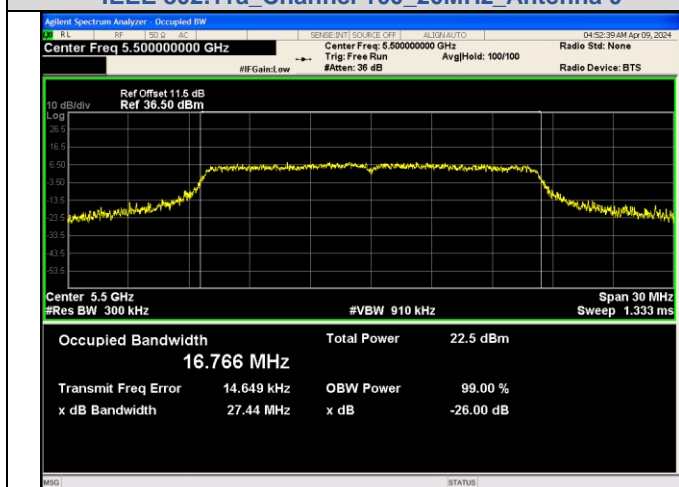
IEEE 802.11a_Channel 64_20MHz_Antenna 2



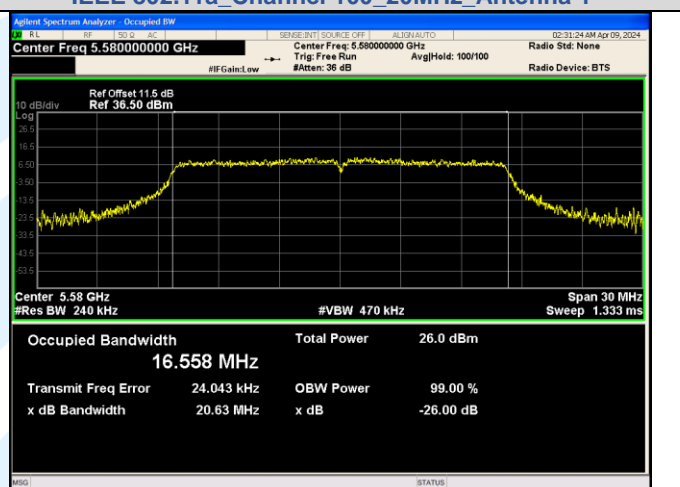
IEEE 802.11a_Channel 100_20MHz_Antenna 0



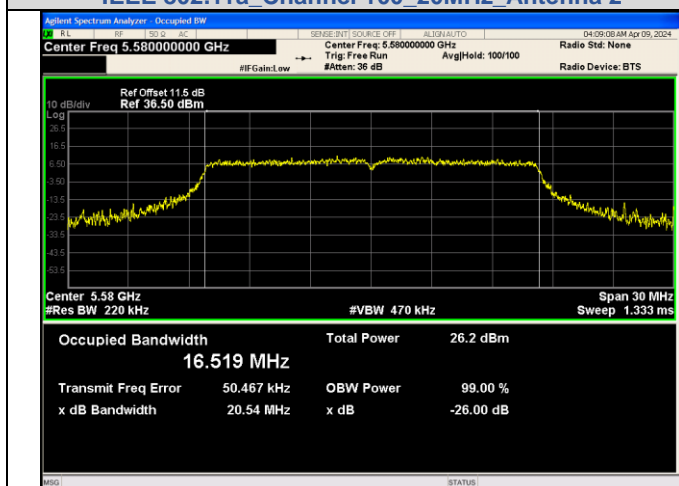
IEEE 802.11a_Channel 100_20MHz_Antenna 1



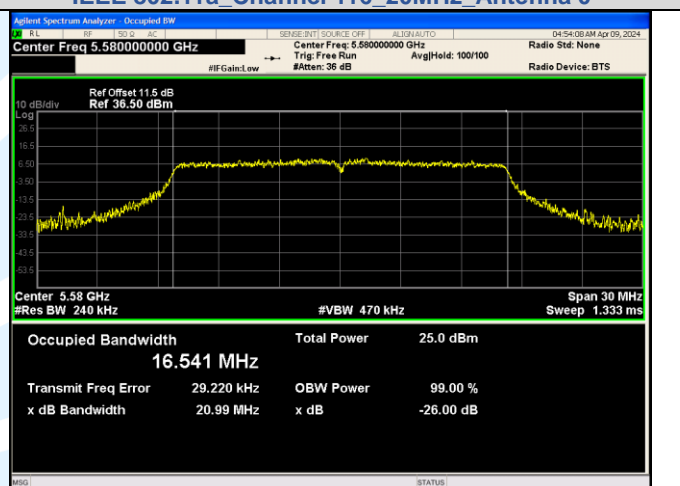
IEEE 802.11a_Channel 100_20MHz_Antenna 2



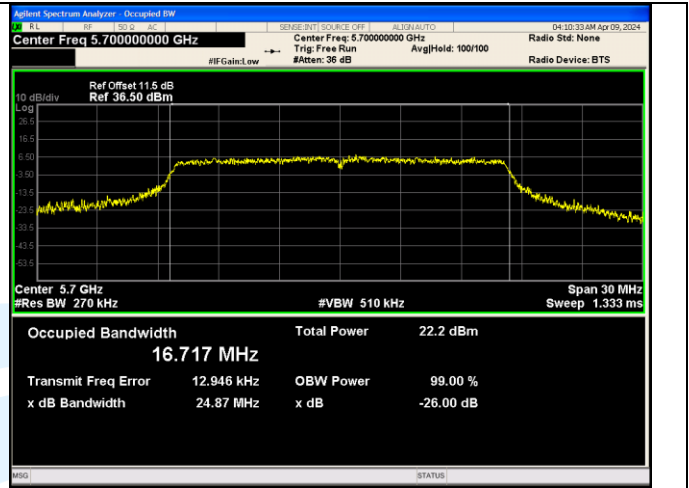
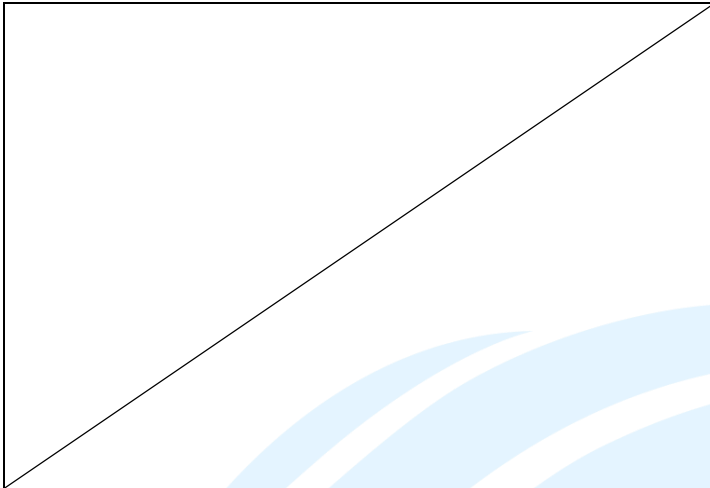
IEEE 802.11a_Channel 116_20MHz_Antenna 0



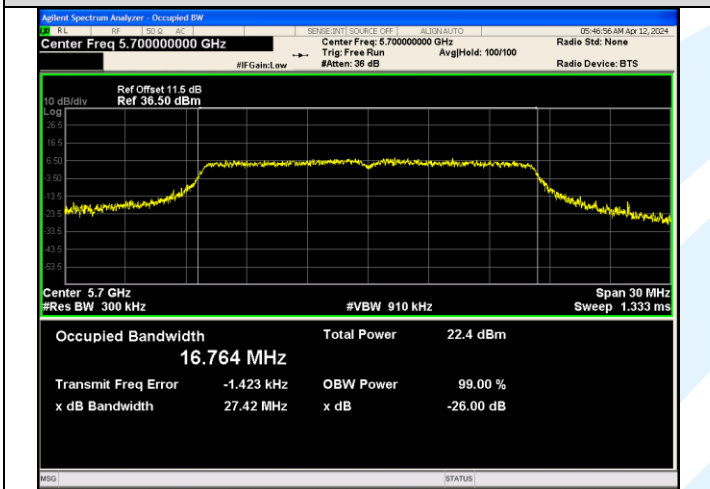
IEEE 802.11a_Channel 116_20MHz_Antenna 1



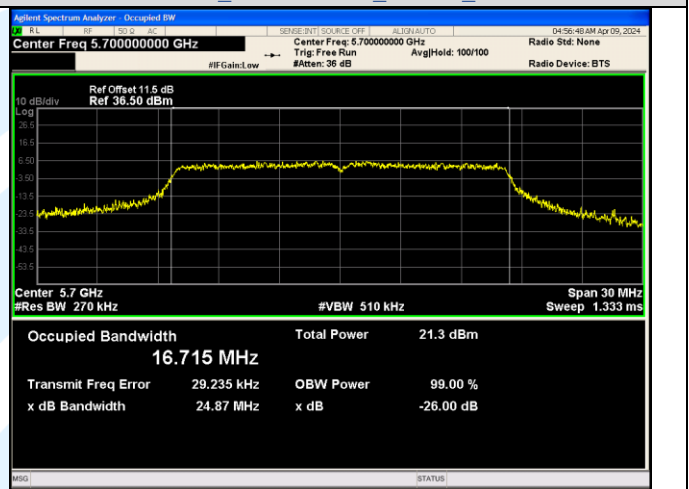
IEEE 802.11a_Channel 116_20MHz_Antenna 2



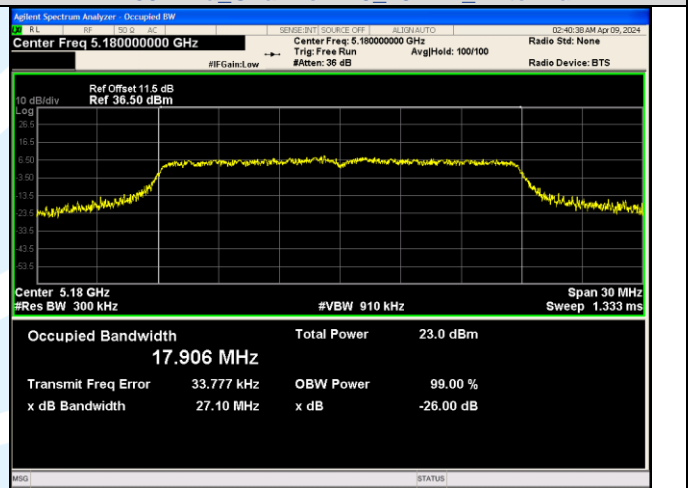
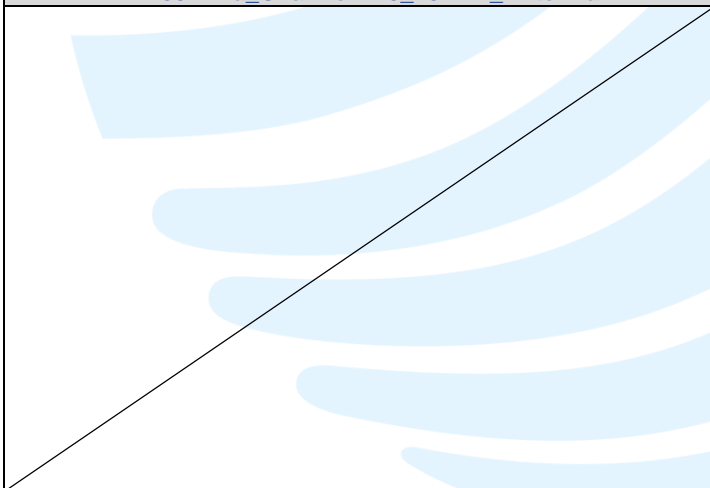
IEEE 802.11a Channel 140_20MHz_Antenna 0



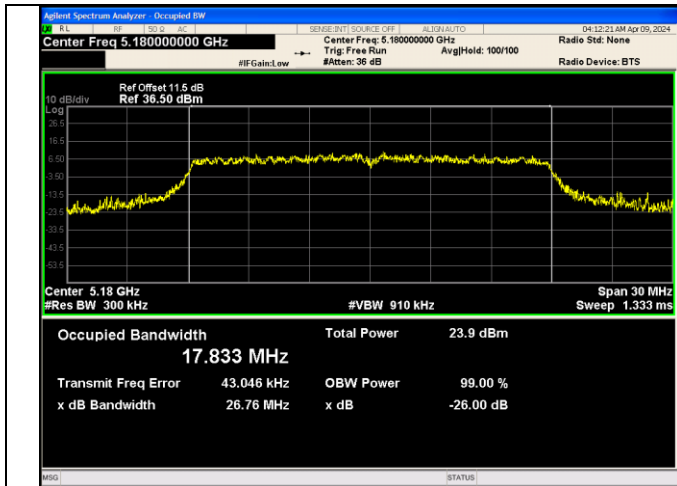
IEEE 802.11a Channel 140_20MHz_Antenna 1



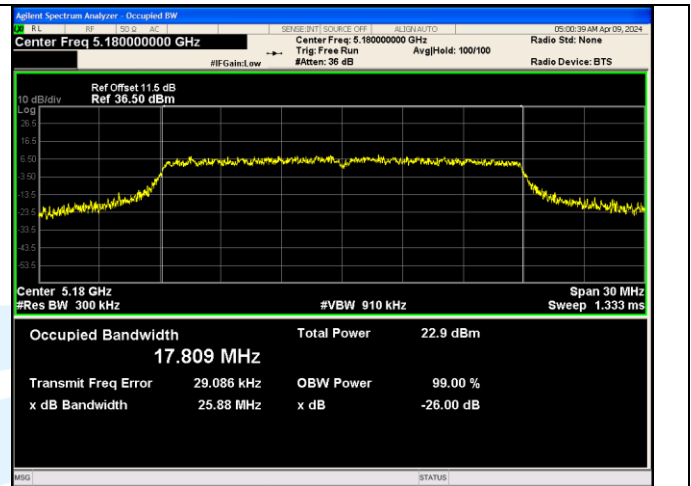
IEEE 802.11a Channel 140_20MHz_Antenna 2



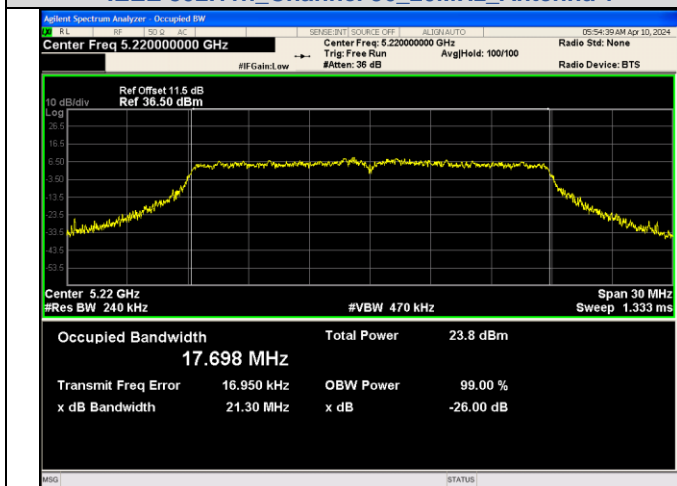
IEEE 802.11n Channel 36_20MHz_Antenna 0



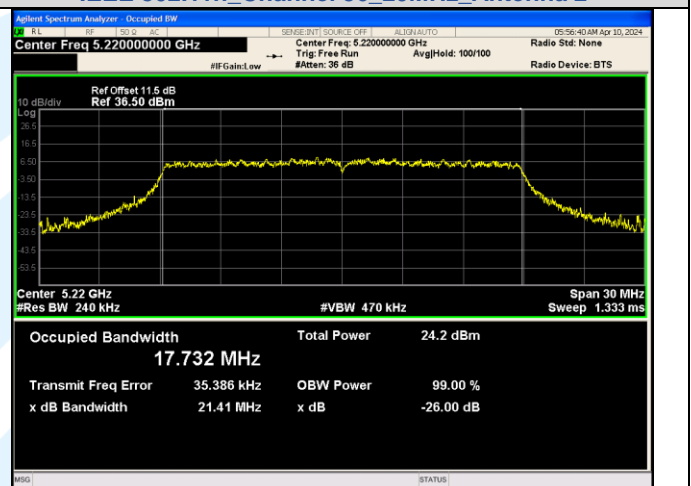
IEEE 802.11n_Channel 36_20MHz_Antenna 1



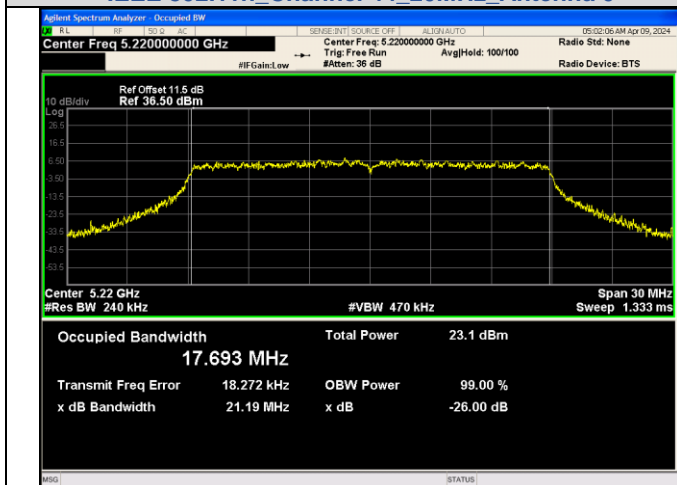
IEEE 802.11n_Channel 36_20MHz_Antenna 2



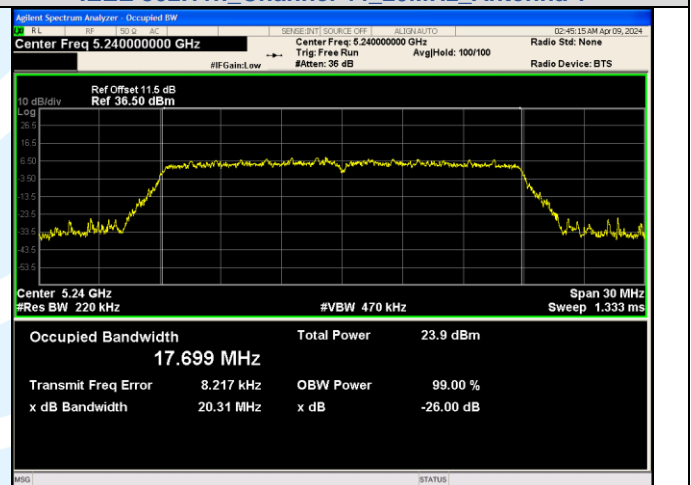
IEEE 802.11n_Channel 44_20MHz_Antenna 0



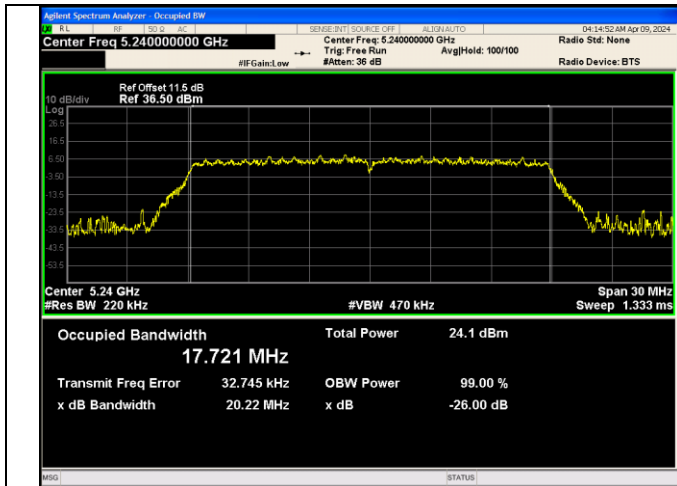
IEEE 802.11n_Channel 44_20MHz_Antenna 1



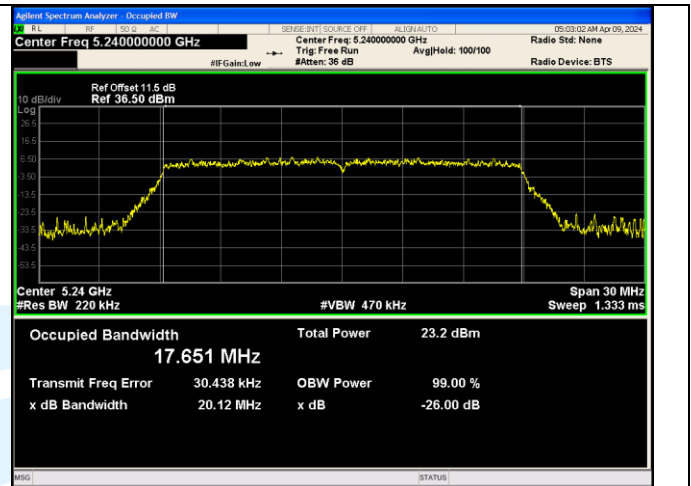
IEEE 802.11n_Channel 44_20MHz_Antenna 2



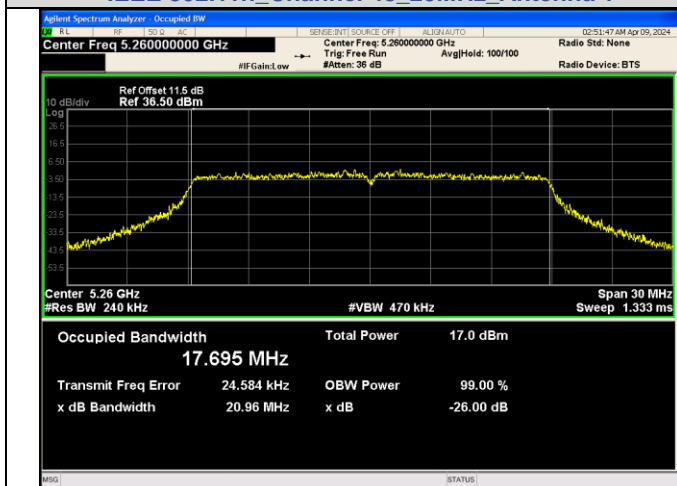
IEEE 802.11n_Channel 48_20MHz_Antenna 0



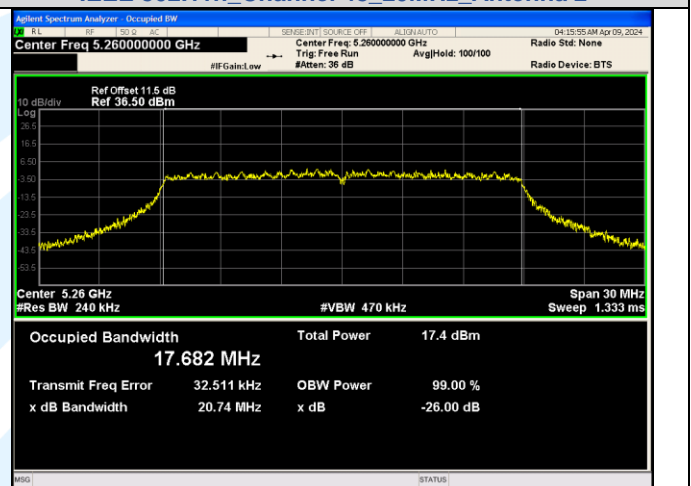
IEEE 802.11n_Channel 48_20MHz_Antenna 1



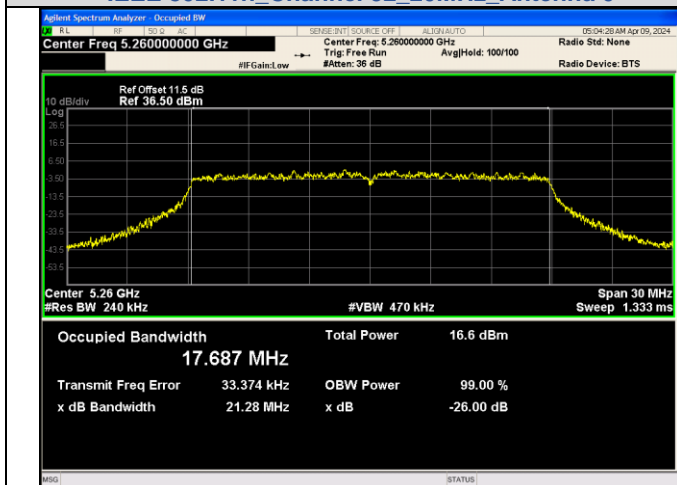
IEEE 802.11n_Channel 48_20MHz_Antenna 2



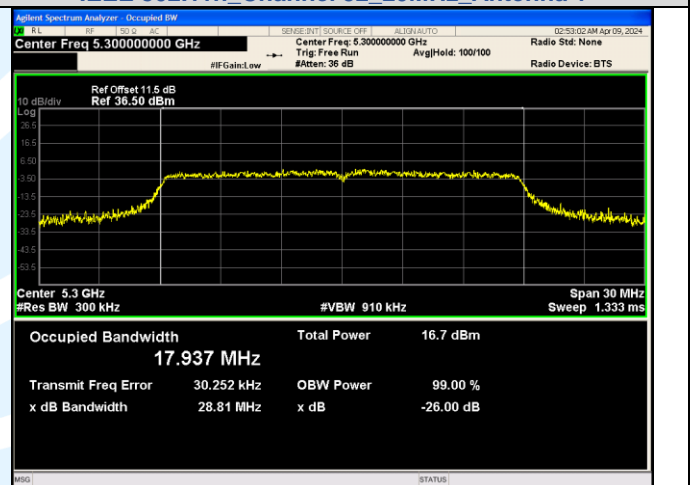
IEEE 802.11n_Channel 52_20MHz_Antenna 0



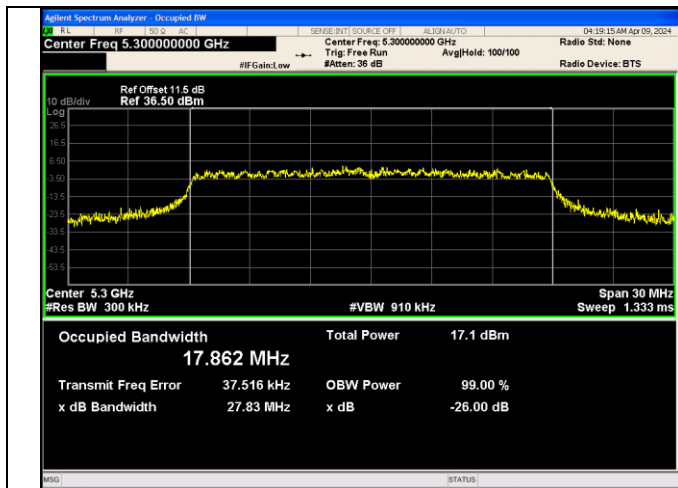
IEEE 802.11n_Channel 52_20MHz_Antenna 1



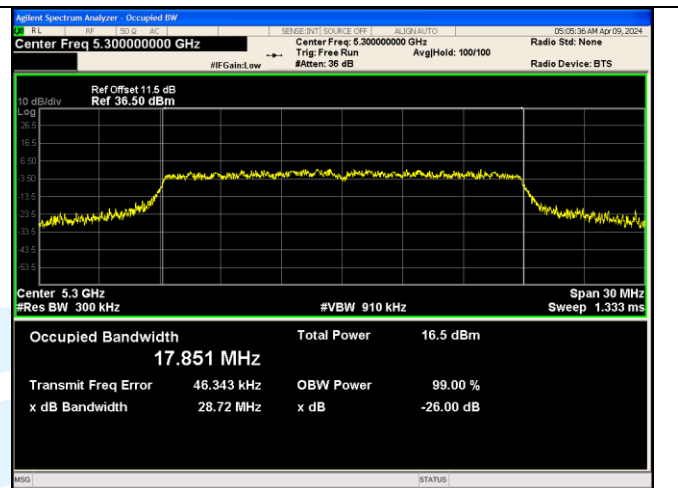
IEEE 802.11n_Channel 52_20MHz_Antenna 2



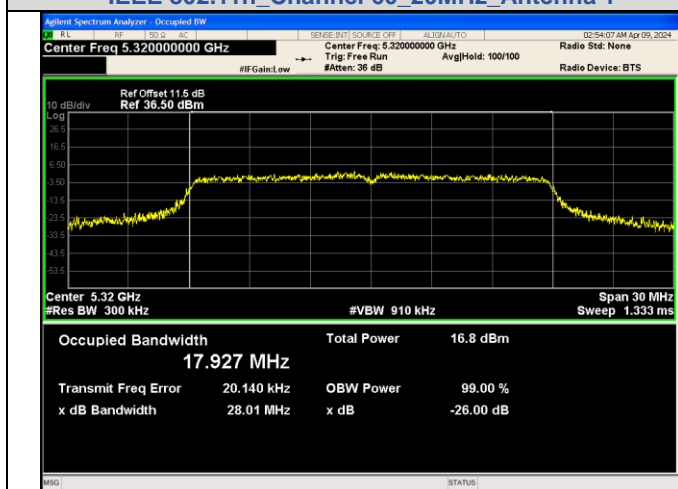
IEEE 802.11n_Channel 60_20MHz_Antenna 0



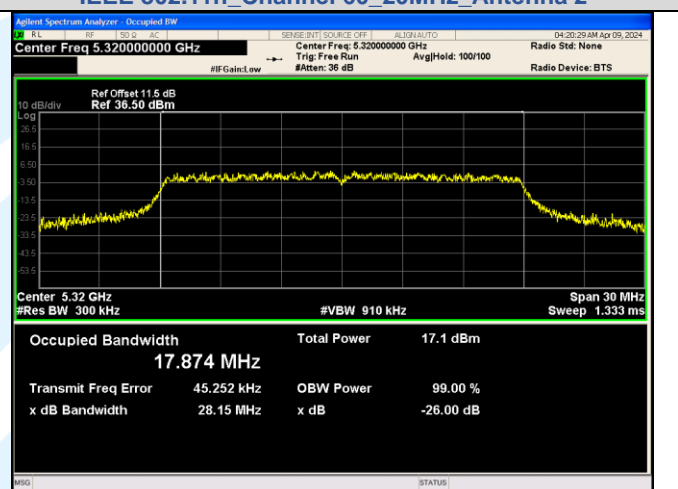
IEEE 802.11n_Channel 60_20MHz_Antenna 1



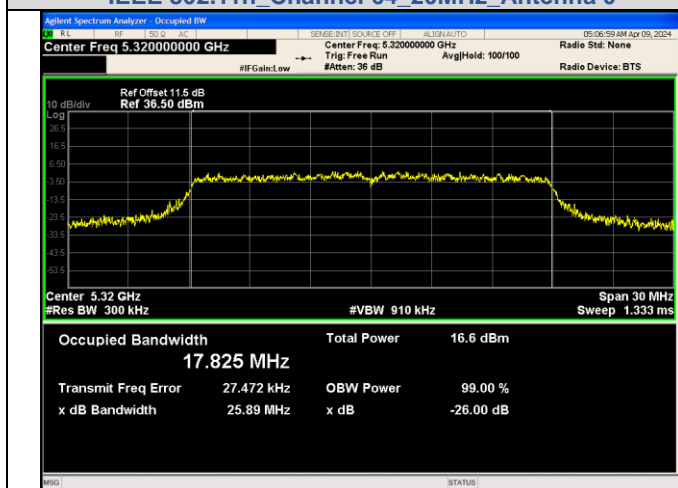
IEEE 802.11n_Channel 60_20MHz_Antenna 2



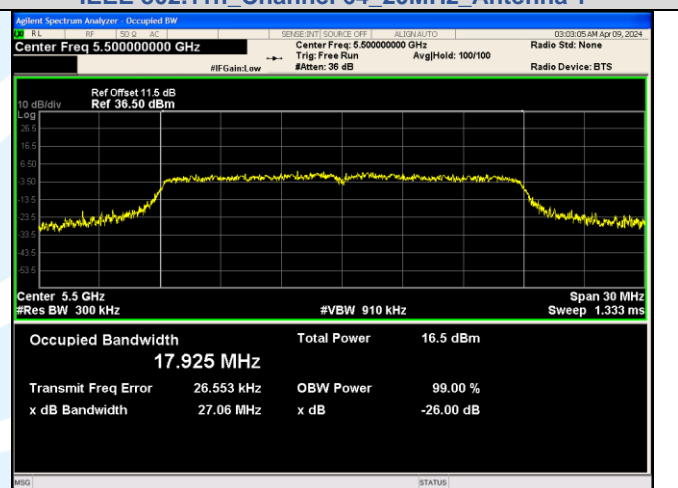
IEEE 802.11n_Channel 64_20MHz_Antenna 0



IEEE 802.11n_Channel 64_20MHz_Antenna 1



IEEE 802.11n_Channel 64_20MHz_Antenna 2



IEEE 802.11n_Channel 100_20MHz_Antenna 0