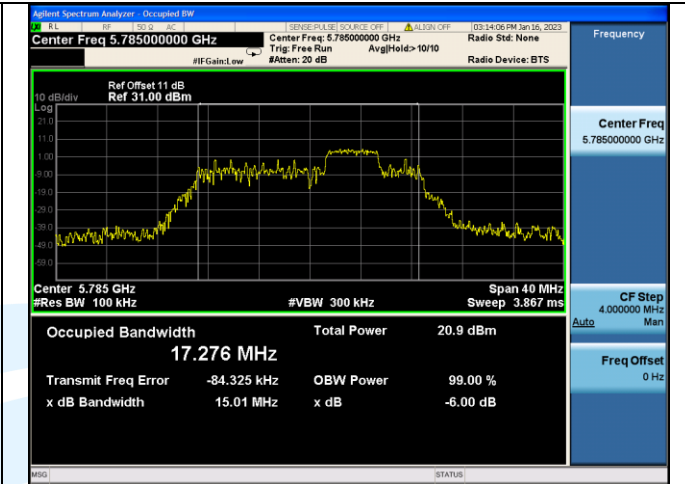
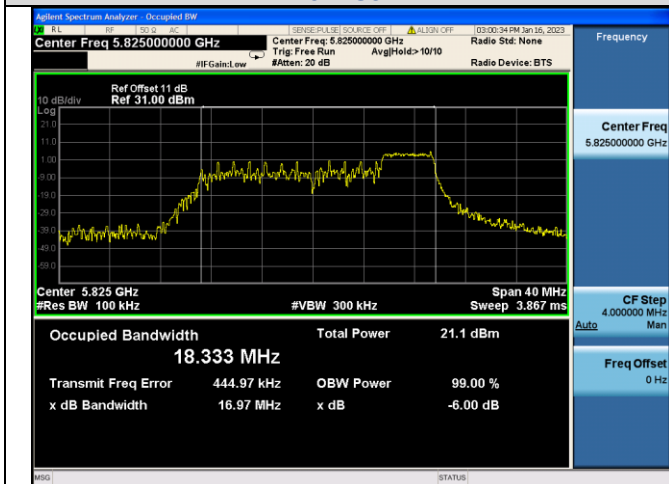


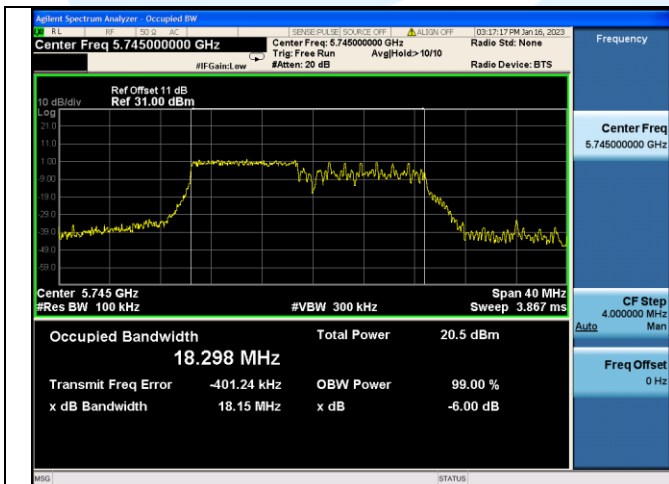
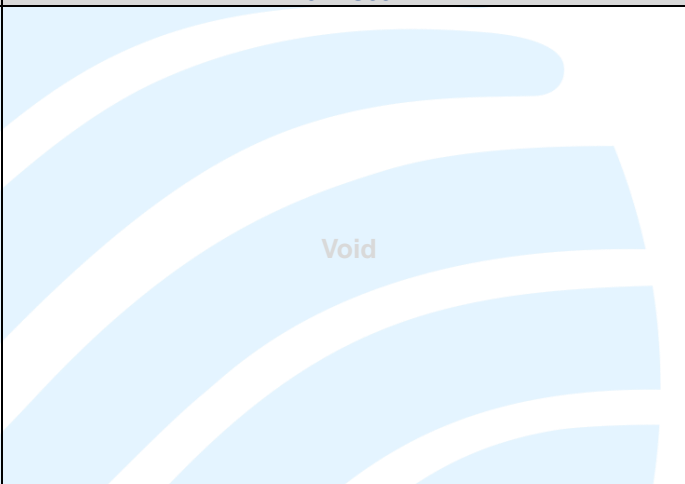
IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index 52RU37



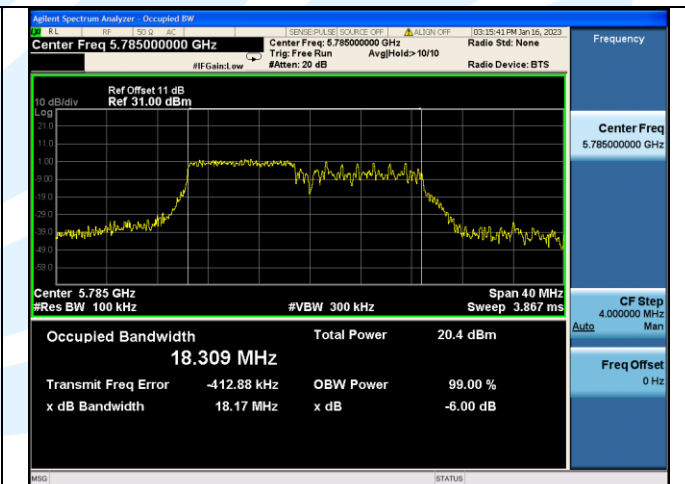
IEEE 802.11ax_Channel 157_20MHz_Antenna 1_RU&Index 52RU39



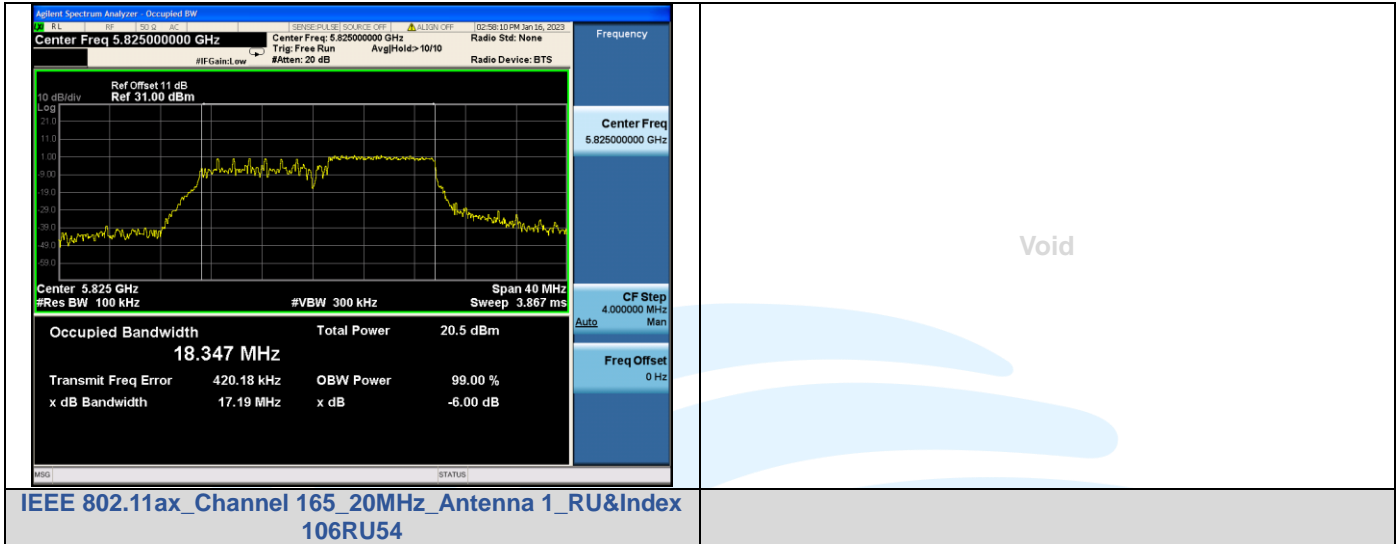
IEEE 802.11ax_Channel 165_20MHz_Antenna 1_RU&Index 52RU40



IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index 106RU53



IEEE 802.11ax_Channel 157_20MHz_Antenna 1_RU&Index 106RU53



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Antenna 2

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	N/A	2	5745	15.13	0.5	PASS
	157			5785	15.03		PASS
	165			5825	15.18		PASS
IEEE 802.11n_20	149			5745	15.14		PASS
	157			5785	15.16		PASS
	165			5825	15.14		PASS
IEEE 802.11n_40	151			5755	35.15		PASS
	159			5795	35.15		PASS
IEEE 802.11ac_20	149			5745	15.15		PASS
	157			5785	15.16		PASS
	165			5825	15.06		PASS
IEEE 802.11ac_40	151			5755	35.05		PASS
	159			5795	35.13		PASS
IEEE 802.11ac_80	155			5775	73.90		PASS
IEEE 802.11ax_20	149			SU	5745		18.38
	157	5785	18.18		PASS		
	165	5825	17.33		PASS		
IEEE 802.11ax_40	151	5755	37.29		PASS		
	159	5795	37.17		PASS		
IEEE 802.11ax_80	155	5775	76.74		PASS		
IEEE 802.11ax_20	149	26RU0	5745		2.110	PASS	
		52RU37			15.80		
		106RU53			18.13		
	157	26RU4	5785	2.640	PASS		
		52RU39		15.04			
		106RU53		18.16			
	165	26RU8	5825	2.109	PASS		
		52RU40		15.82			
		106RU54		17.19			

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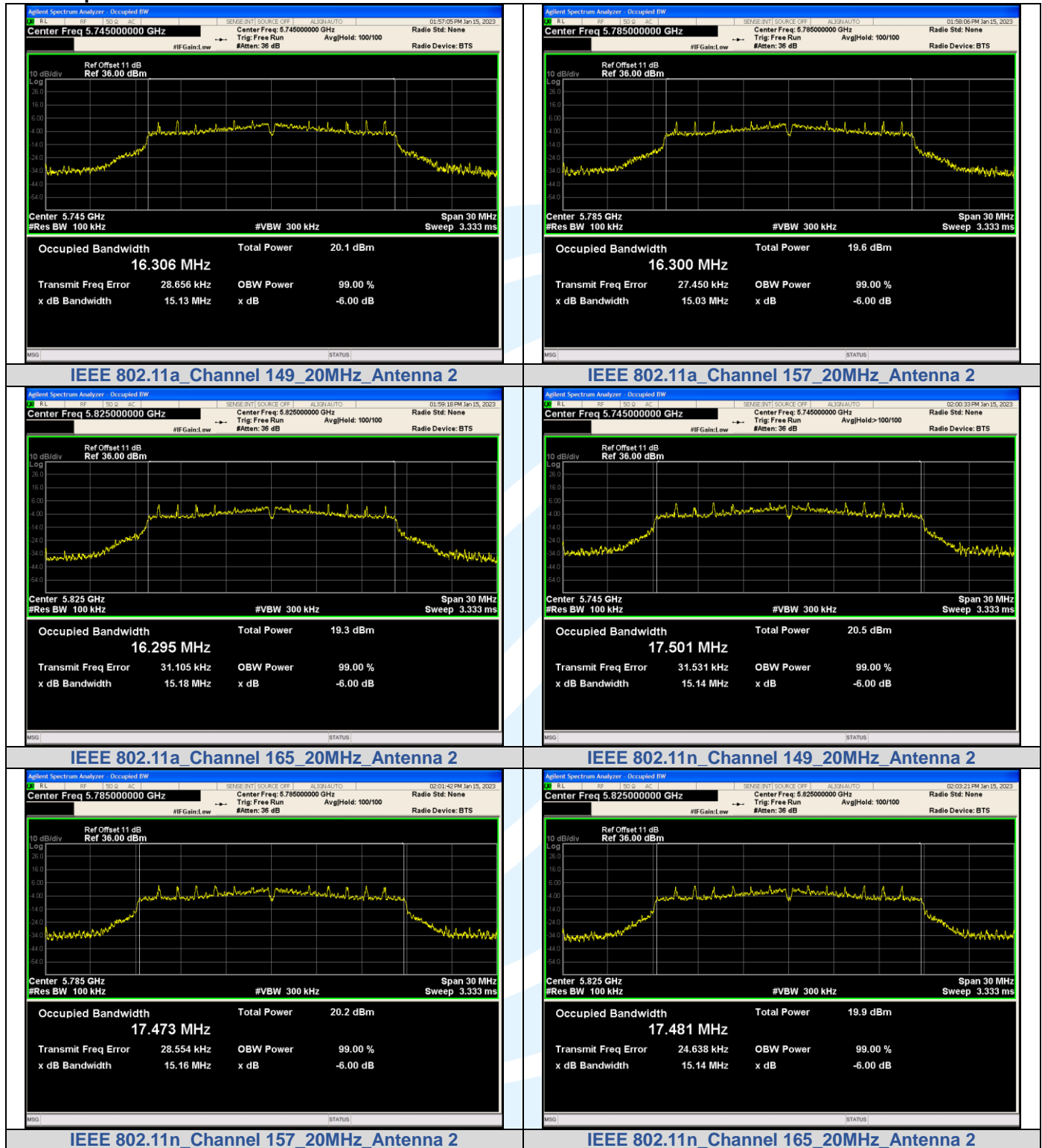
Fax: +86-755-28230886

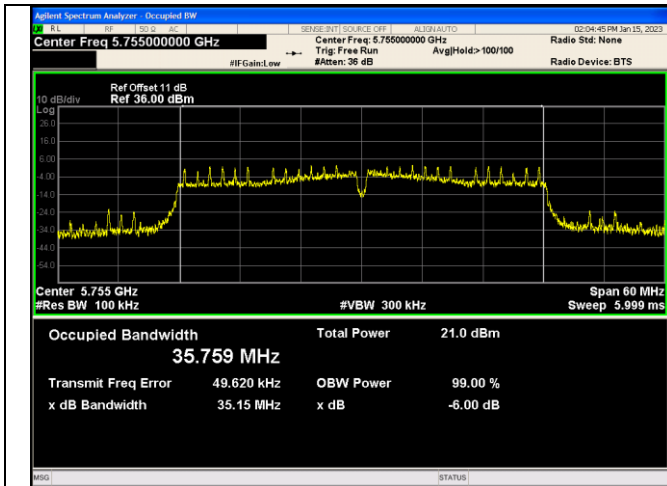
E-mail: info@uttlab.com

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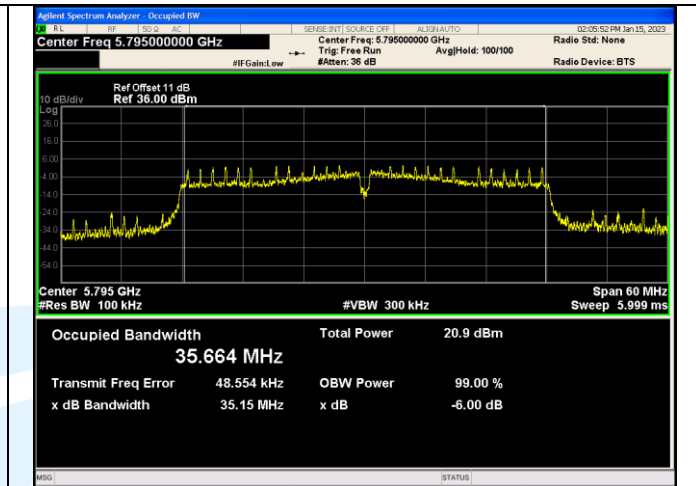
UTTR-RF-FCCPART15.407-V1.3

Test Graphs

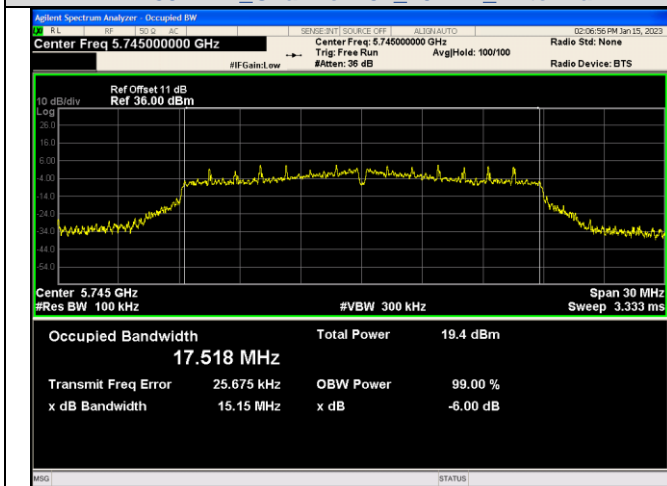




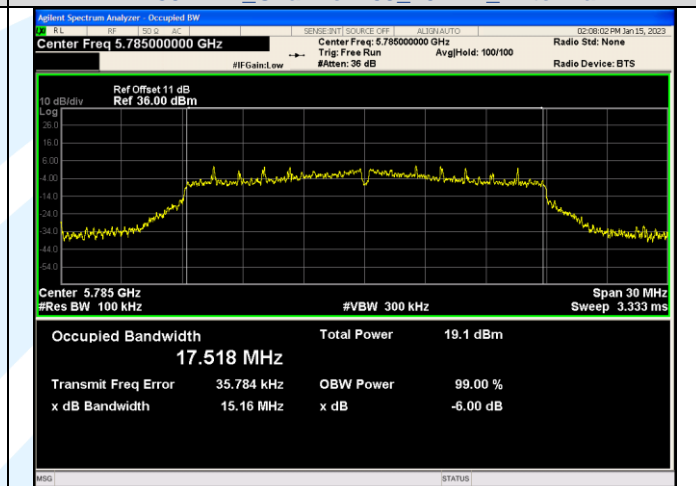
IEEE 802.11n_Channel 151_40MHz_Antenna 2



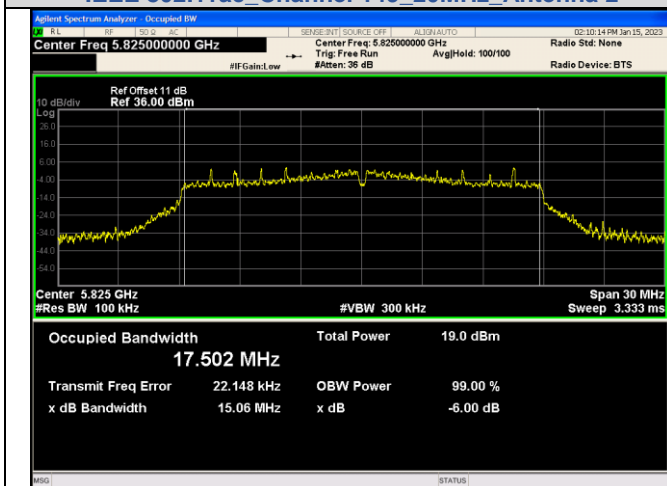
IEEE 802.11n_Channel 159_40MHz_Antenna 2



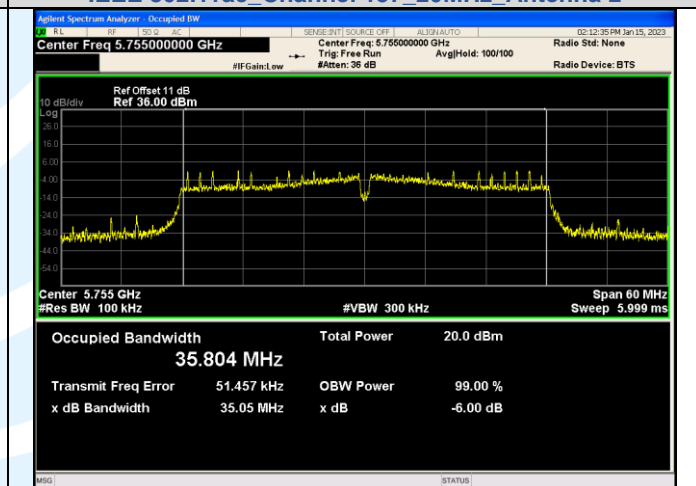
IEEE 802.11ac_Channel 149_20MHz_Antenna 2



IEEE 802.11ac_Channel 157_20MHz_Antenna 2



IEEE 802.11ac_Channel 165_20MHz_Antenna 2



IEEE 802.11ac_Channel 151_40MHz_Antenna 2

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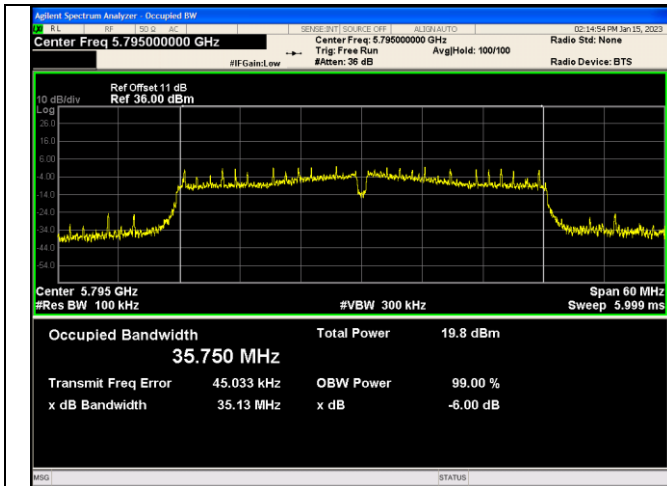
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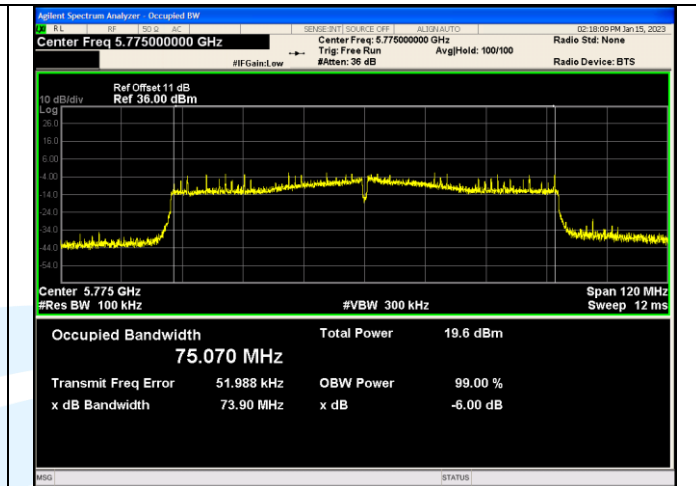
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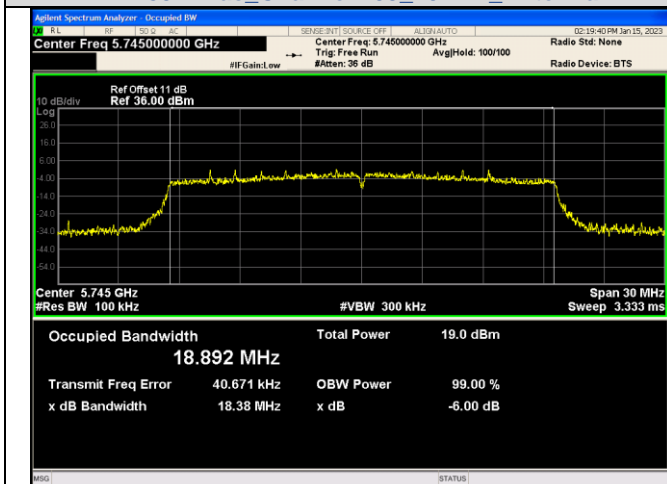
UTTR-RF-FCCPART15.407-V1.3



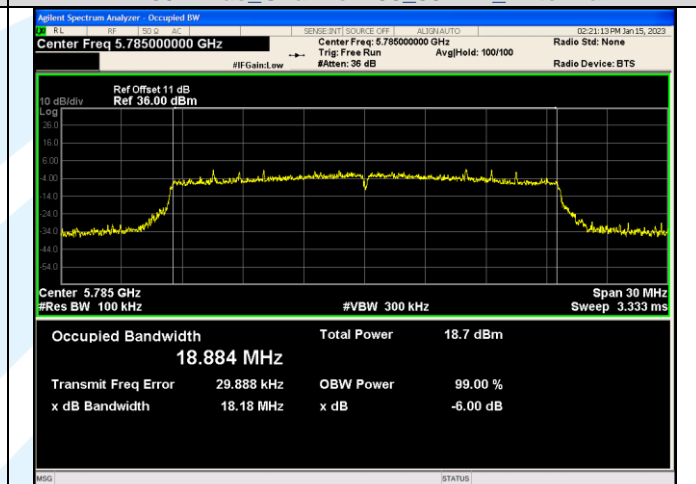
IEEE 802.11ac_Channel 159_40MHz_Antenna 2



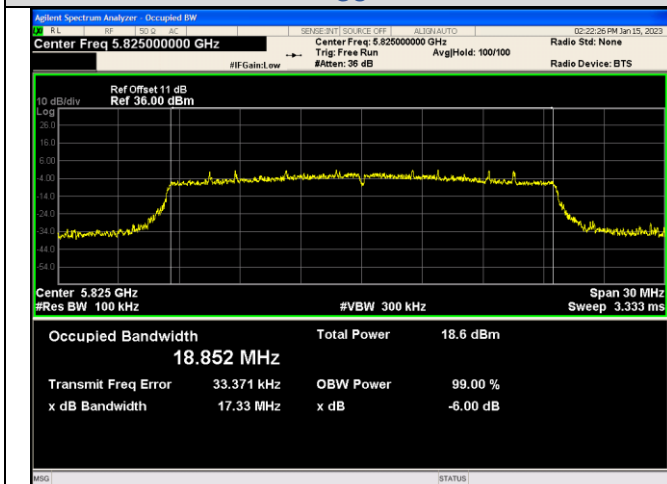
IEEE 802.11ac_Channel 155_80MHz_Antenna 2



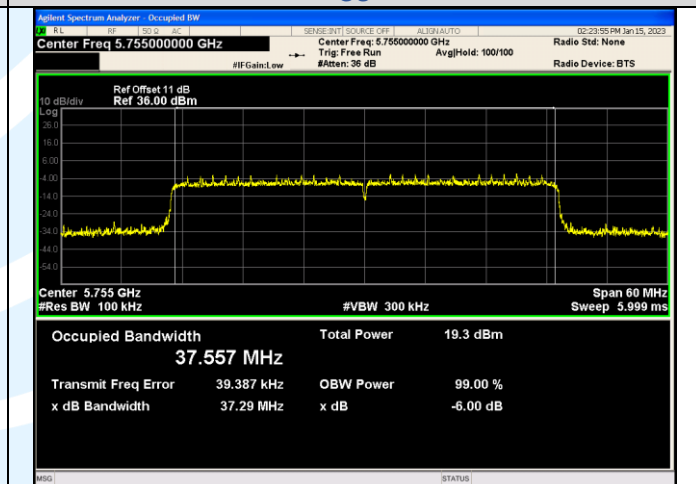
IEEE 802.11ax_Channel 149_20MHz_Antenna 2_RU&Index SU



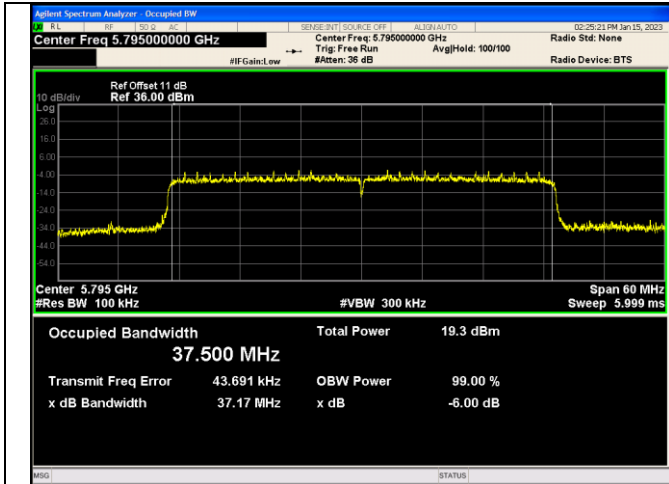
IEEE 802.11ax_Channel 157_20MHz_Antenna 2_RU&Index SU



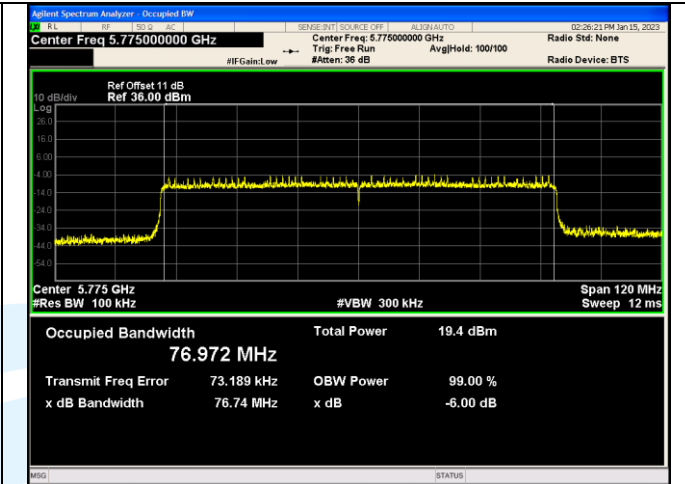
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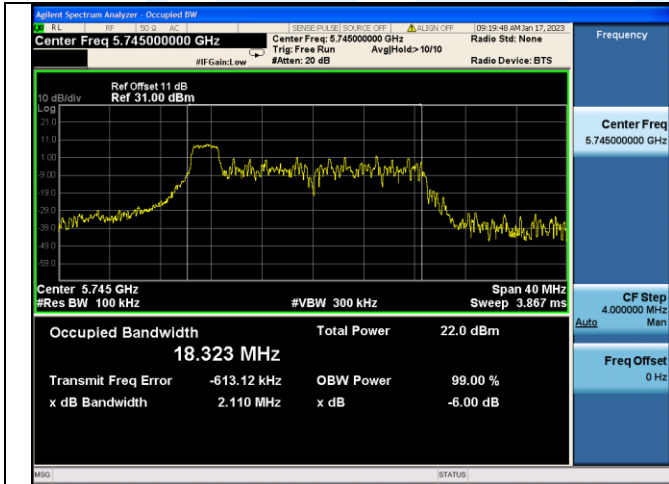
IEEE 802.11ax_Channel 151_40MHz_Antenna 2_RU&Index SU



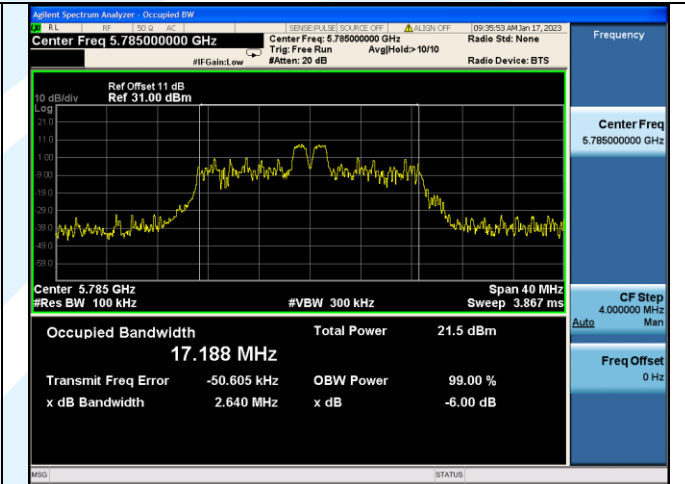
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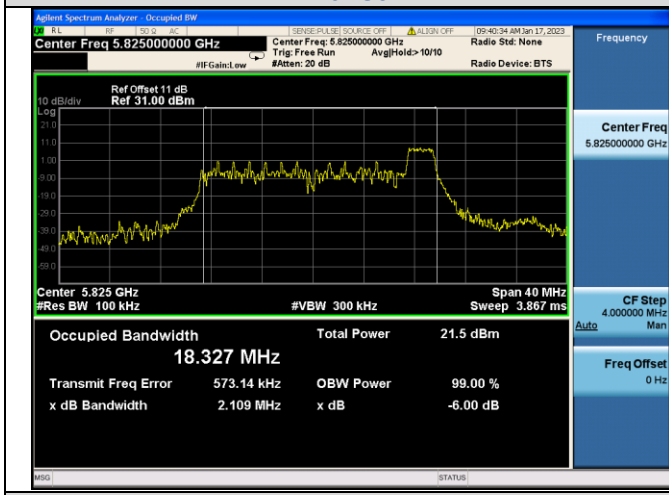
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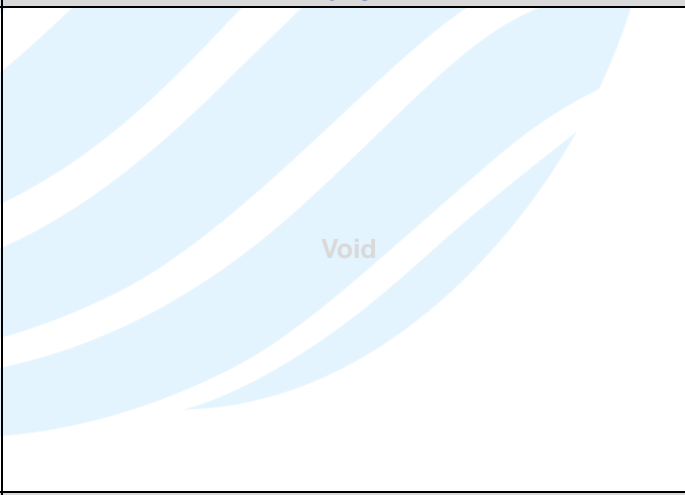
IEEE 802.11ax_Channel 149_20MHz_Antenna 2_RU&Index 26RU0

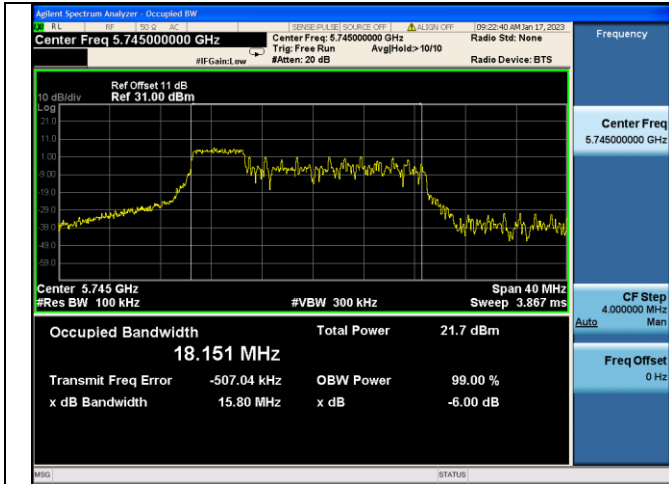


IEEE 802.11ax_Channel 157_20MHz_Antenna 2_RU&Index 26RU4

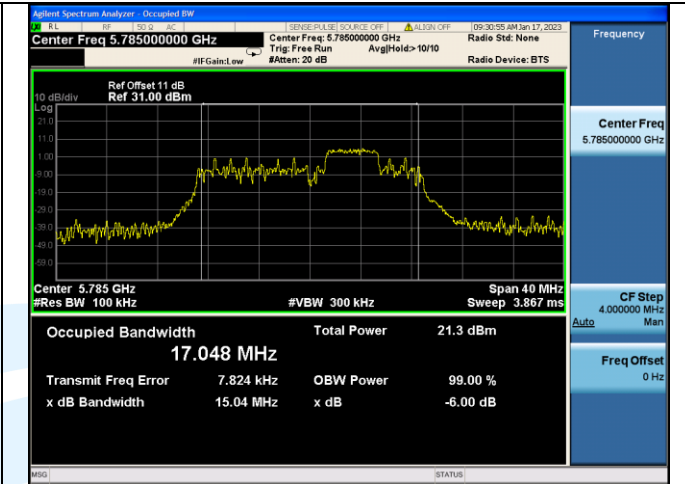


IEEE 802.11ax_Channel 165_20MHz_Antenna 2_RU&Index 26RU8

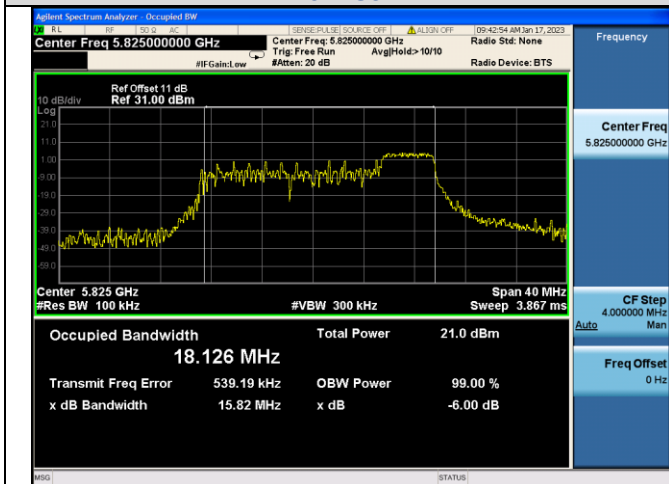




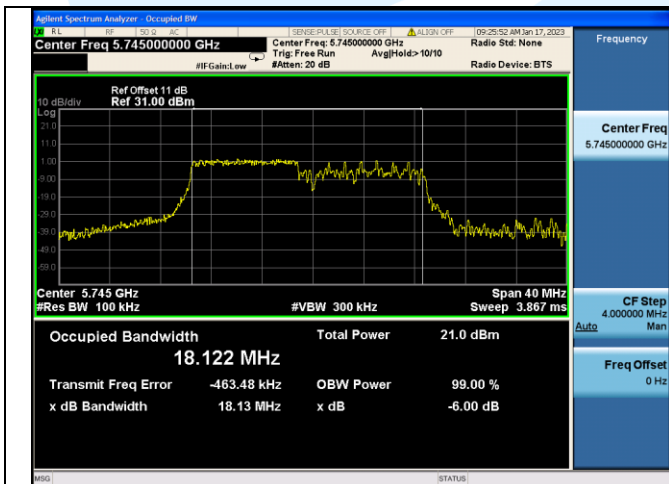
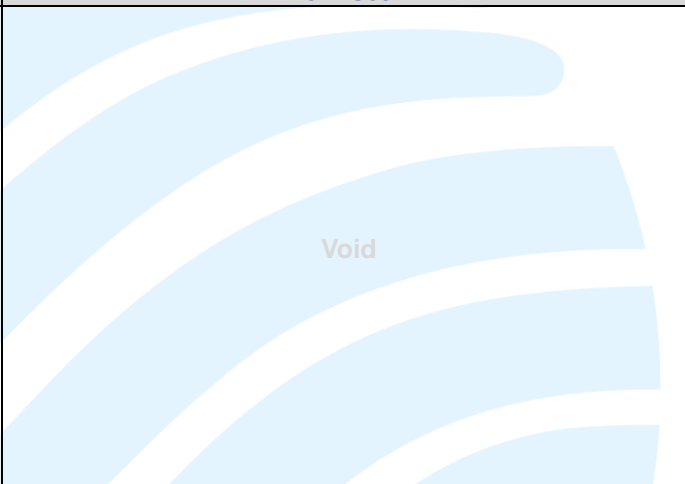
IEEE 802.11ax_Channel 149_20MHz_Antenna 2_RU&Index 52RU37



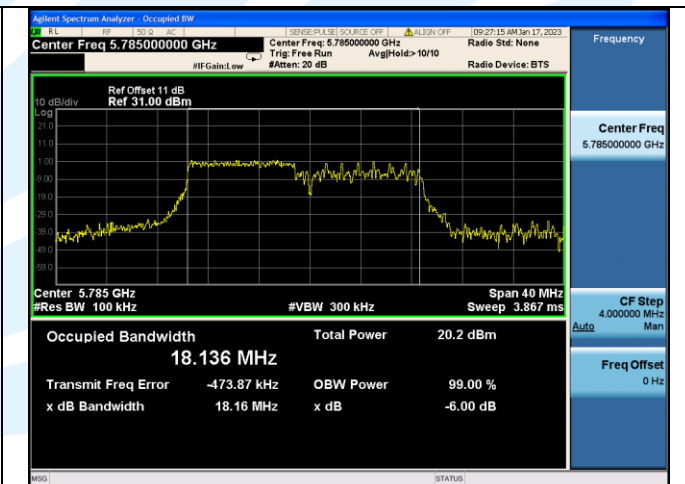
IEEE 802.11ax_Channel 157_20MHz_Antenna 2_RU&Index 52RU39



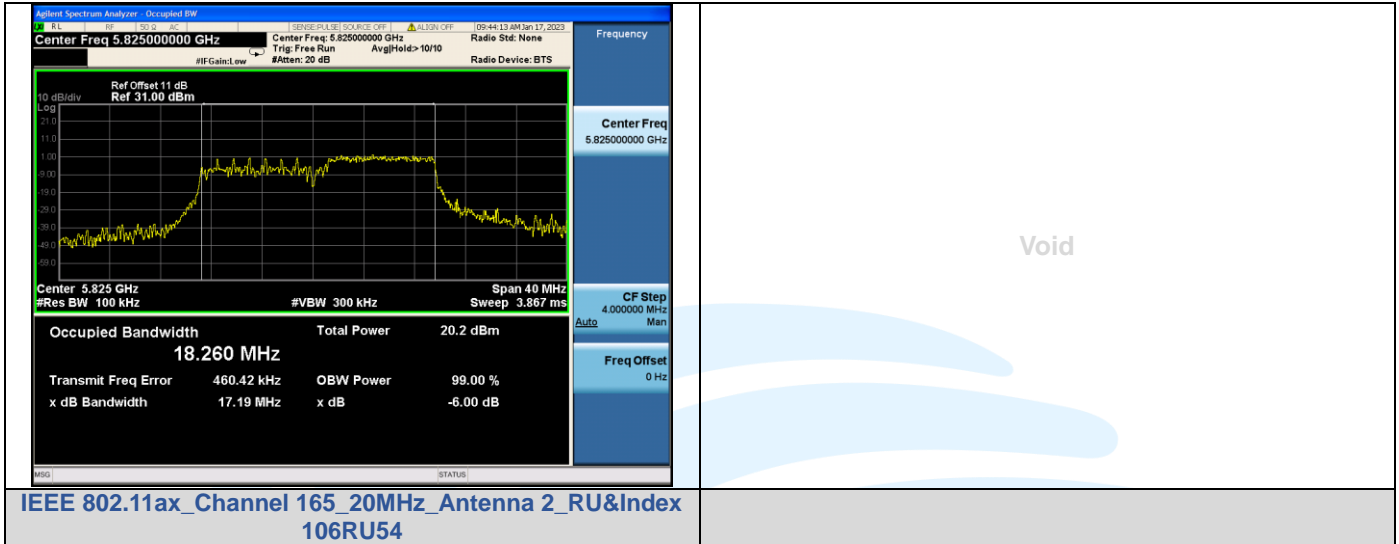
IEEE 802.11ax_Channel 165_20MHz_Antenna 2_RU&Index 52RU40



IEEE 802.11ax_Channel 149_20MHz_Antenna 2_RU&Index 106RU53



IEEE 802.11ax_Channel 157_20MHz_Antenna 2_RU&Index 106RU53



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A.3 26DB BANDWIDTH

Antenna 1
Test Result

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)
IEEE 802.11a	36			5180	21.01
	44			5220	20.73
	48			5240	20.54
	52			5260	20.39
	60			5300	20.54
	64			5320	20.49
IEEE 802.11n_20	36			5180	21.39
	44			5220	20.98
	48			5240	20.74
	52			5260	21.18
	60			5300	20.94
	64			5320	20.81
IEEE 802.11n_40	38	N/A		5190	39.20
	46			5230	38.88
	54			5270	38.91
	62			5310	38.85
IEEE 802.11ac_20	36			5180	20.77
	44			5220	20.99
	48			5240	20.81
	52			5260	21.11
	60			5300	21.03
	64			5320	20.91
IEEE 802.11ac_40	38			5190	39.37
	46			5230	39.21
	54			5270	39.27
	62			5310	39.37
IEEE 802.11ac_80	42			5210	80.31
	58			5290	80.40
IEEE 802.11ax_20	36	SU	1	5180	21.43
	44			5220	21.20
	48			5240	21.28
	52			5260	20.99
	60			5300	21.50
	64			5320	21.23
IEEE 802.11ax_40	38			5190	39.77
	46			5230	40.07
	54			5270	39.72
	62			5310	39.89
IEEE 802.11ax_80	42			5210	82.24
	58			5290	81.43
IEEE 802.11ax_20	36	26RU0	1	5180	20.04
		52RU37			20.20
		106RU53			21.31
	44	26RU4		5220	19.06
		52RU39			20.06
		106RU53			21.31
	48	26RU8		5240	20.71
		52RU40			21.24
		106RU54			21.50
	52	26RU0		5260	20.07
		52RU37			20.46
		106RU53			21.03
	60	26RU4		5300	19.17
		52RU39			19.82
		106RU53			21.05
	64	26RU8		5320	20.75
		52RU40			21.08
		106RU54			21.27

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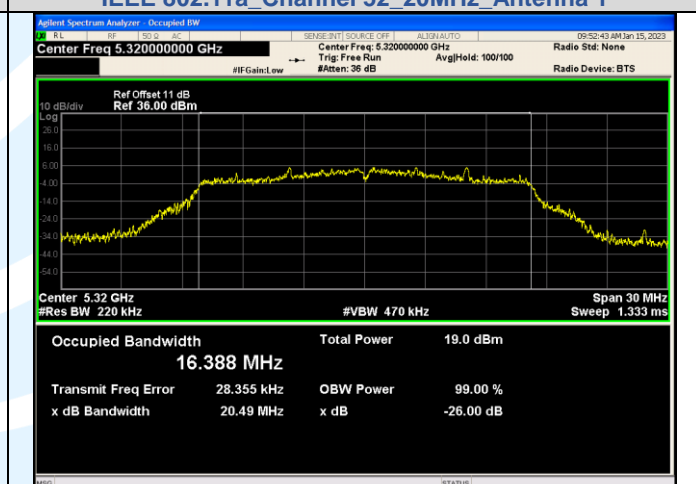
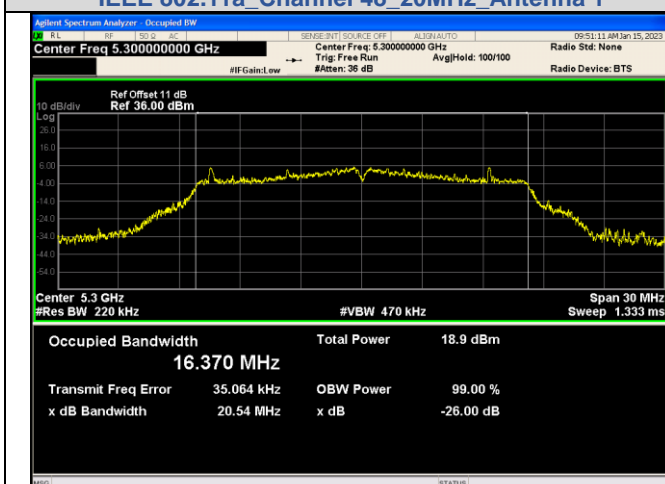
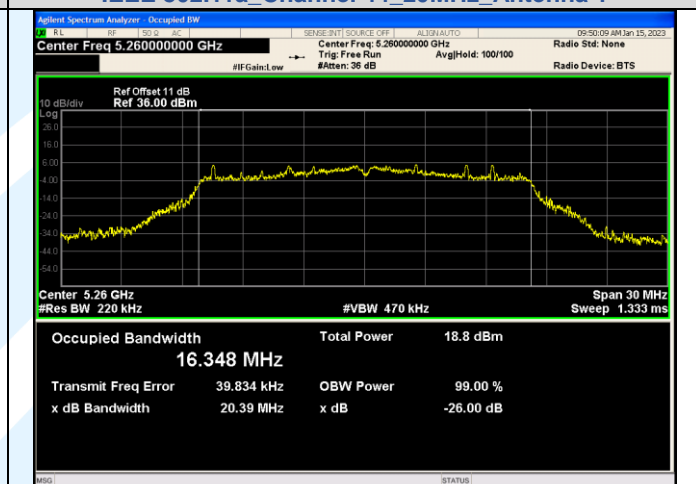
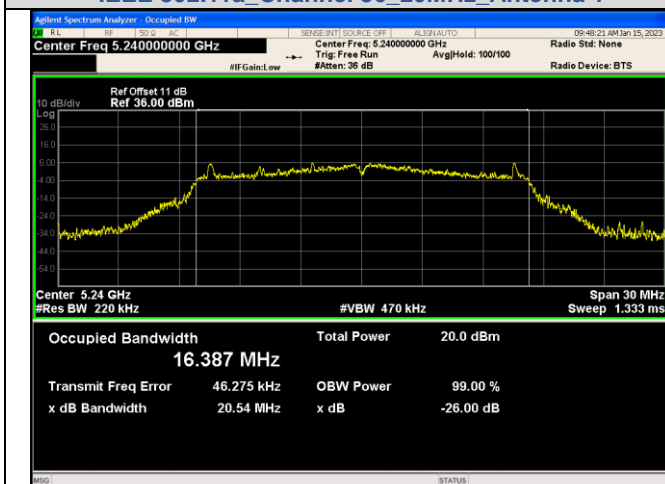
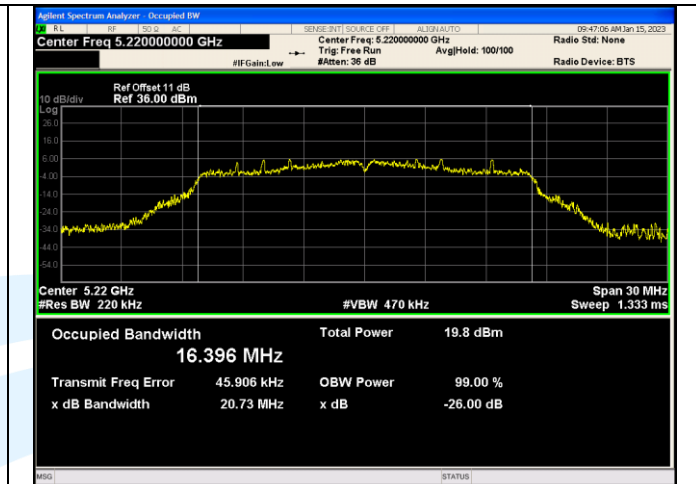
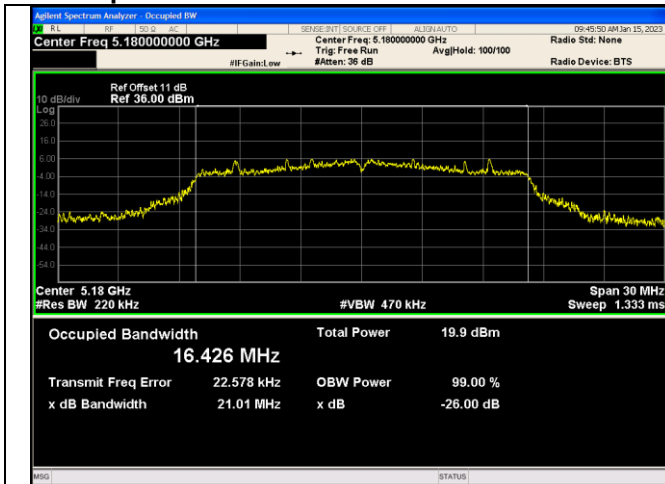
Fax: +86-755-28230886

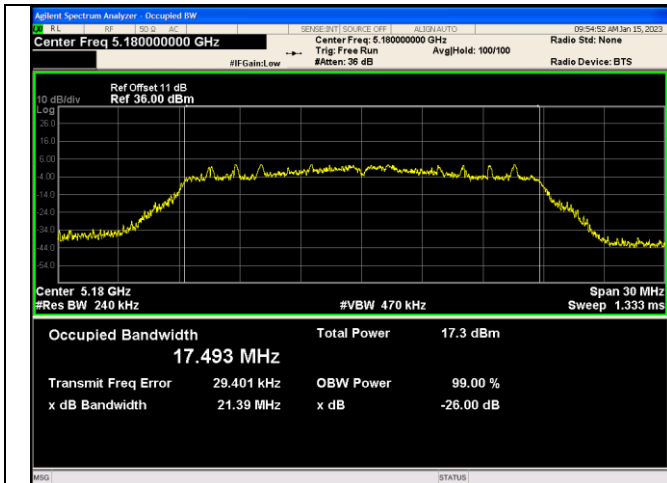
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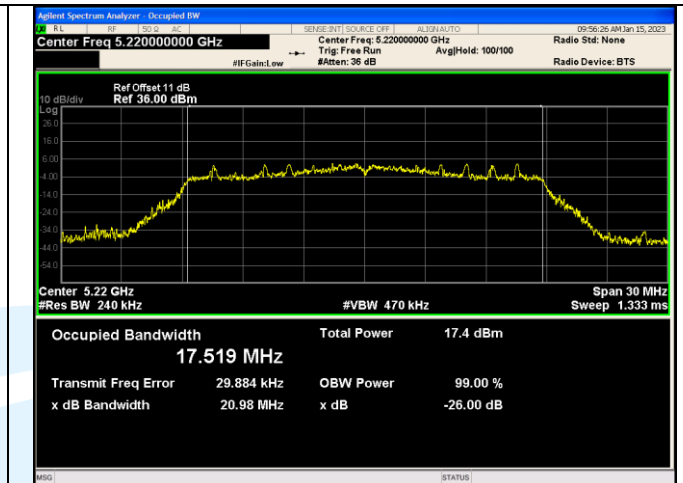
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Test Graphs

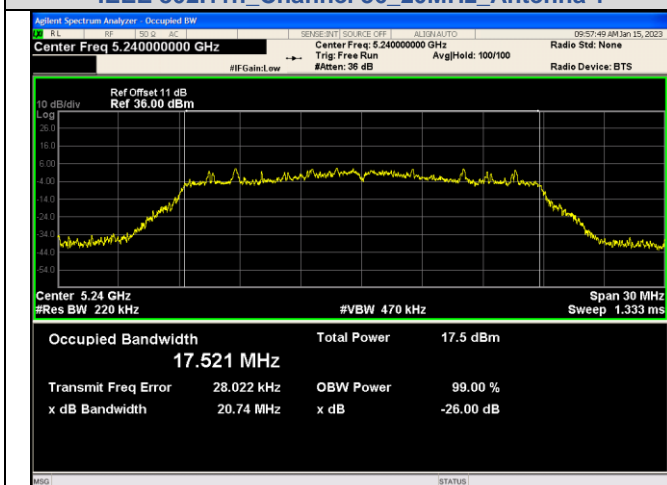




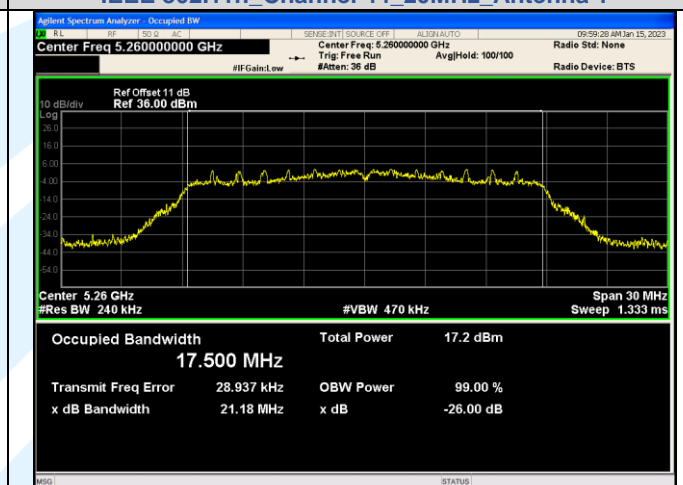
IEEE 802.11n_Channel 36_20MHz_Antenna 1



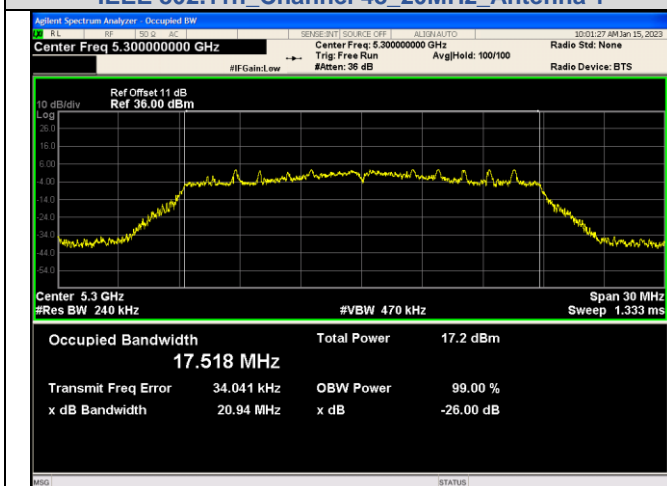
IEEE 802.11n_Channel 44_20MHz_Antenna 1



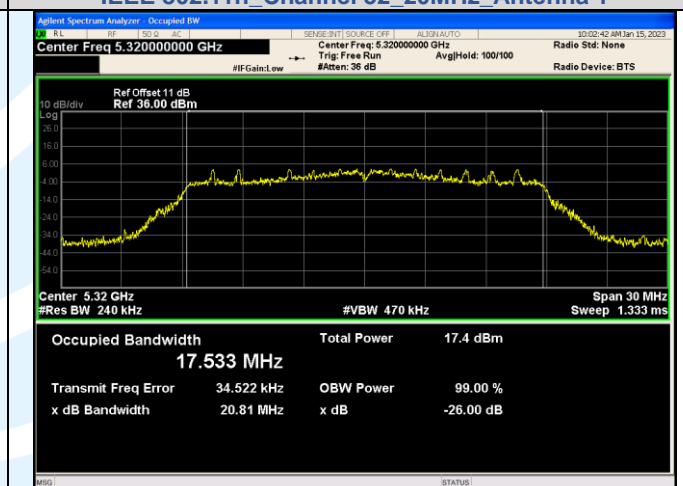
IEEE 802.11n_Channel 48_20MHz_Antenna 1



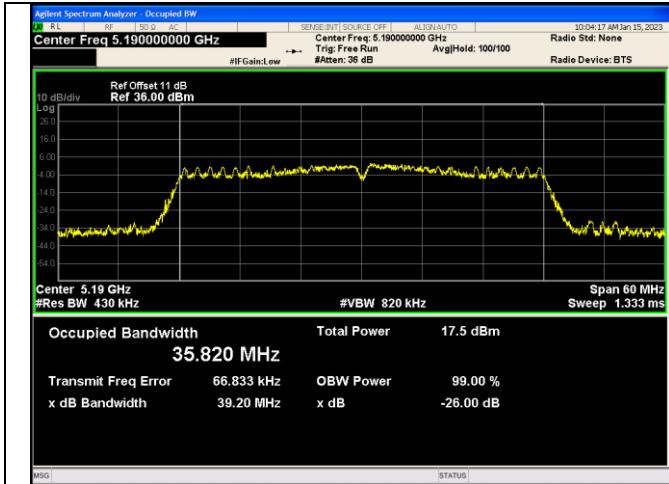
IEEE 802.11n_Channel 52_20MHz_Antenna 1



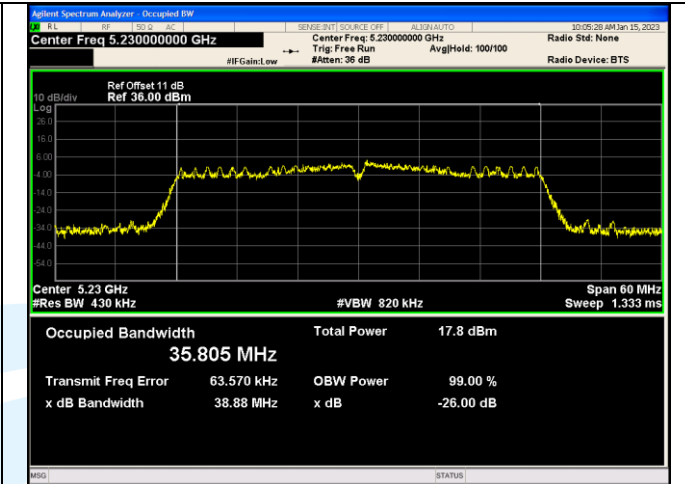
IEEE 802.11n_Channel 60_20MHz_Antenna 1



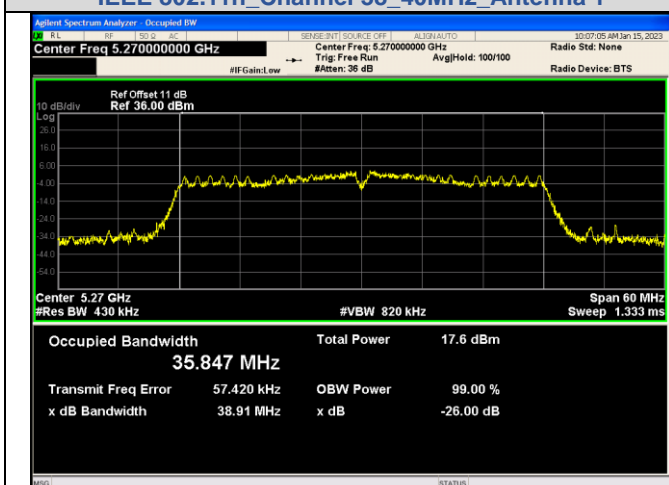
IEEE 802.11n_Channel 64_20MHz_Antenna 1



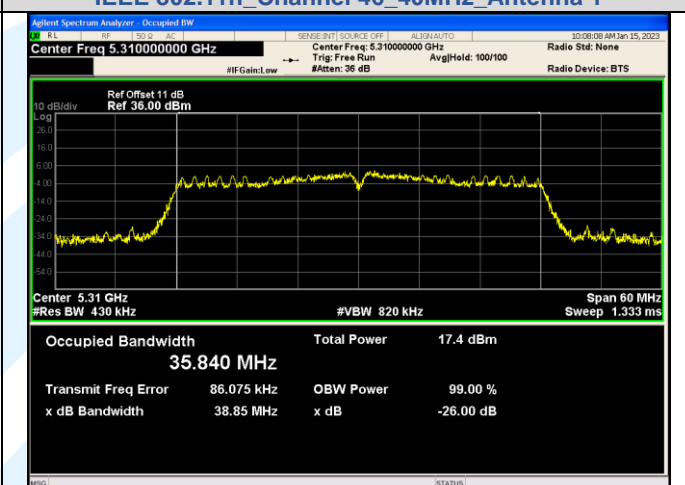
IEEE 802.11n_Channel 38_40MHz_Antenna 1



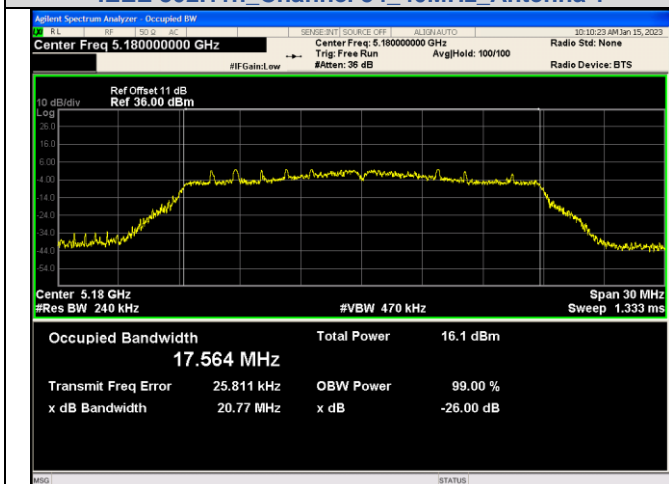
IEEE 802.11n_Channel 46_40MHz_Antenna 1



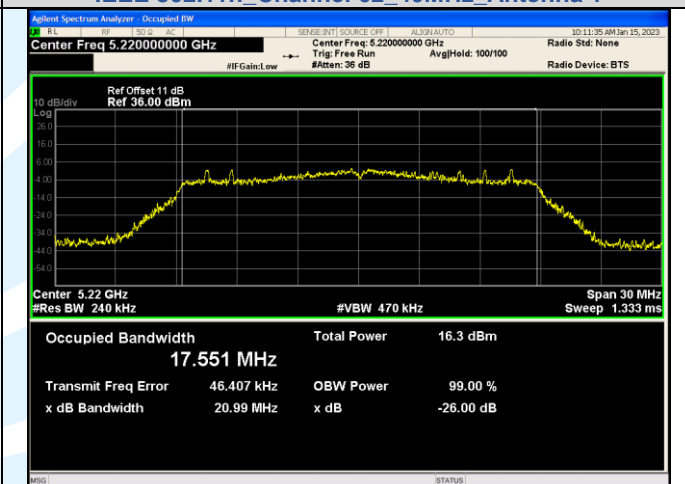
IEEE 802.11n_Channel 54_40MHz_Antenna 1



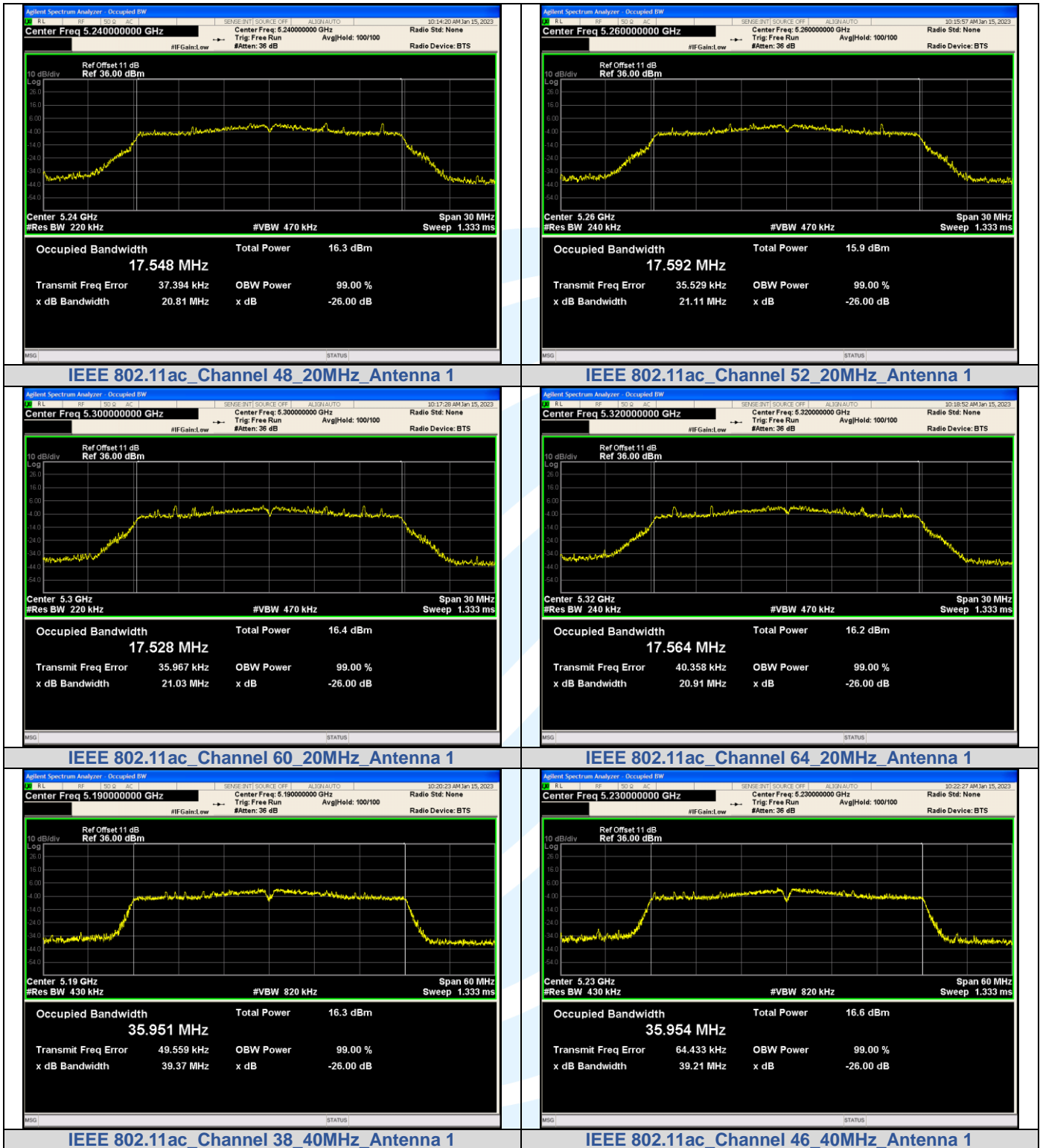
IEEE 802.11n_Channel 62_40MHz_Antenna 1



IEEE 802.11ac_Channel 36_20MHz_Antenna 1



IEEE 802.11ac_Channel 44_20MHz_Antenna 1



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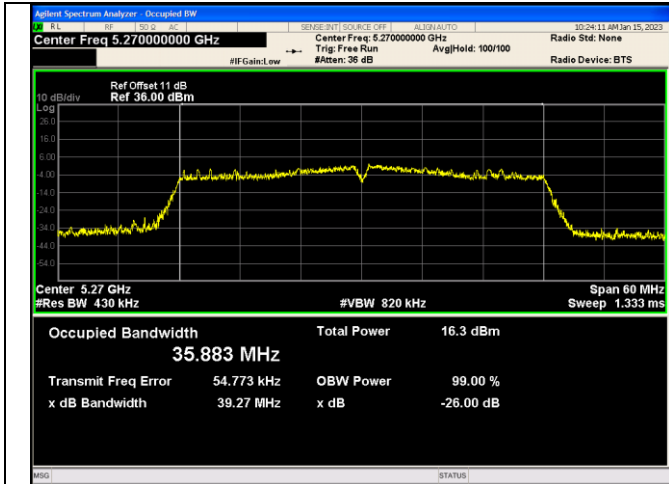
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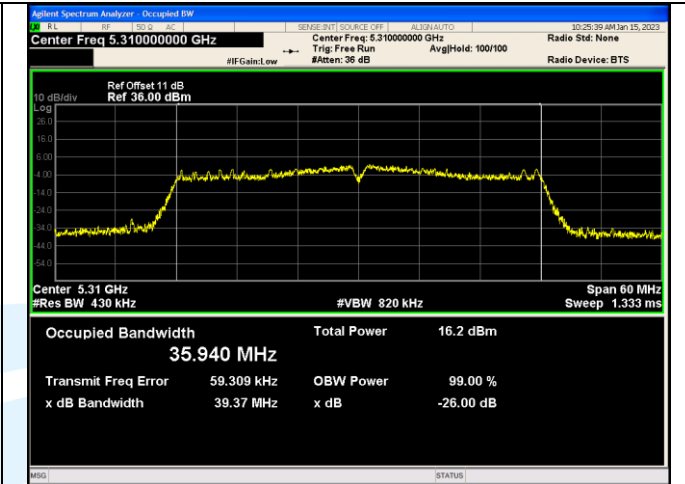
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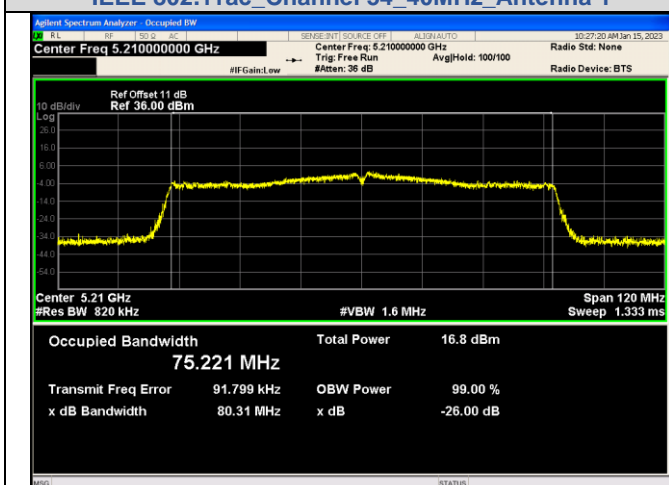
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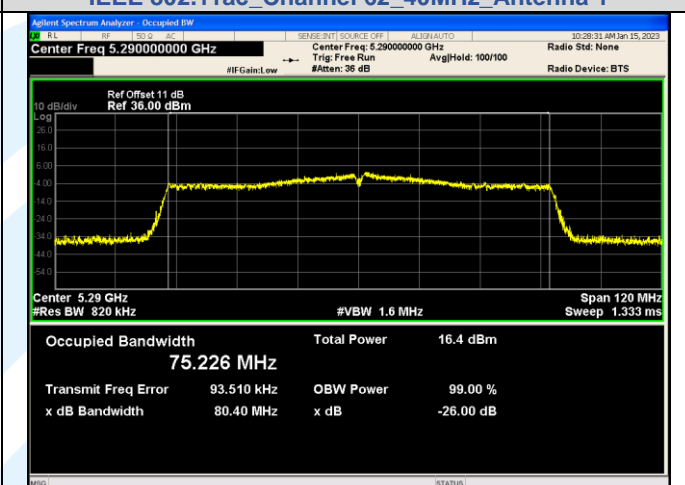
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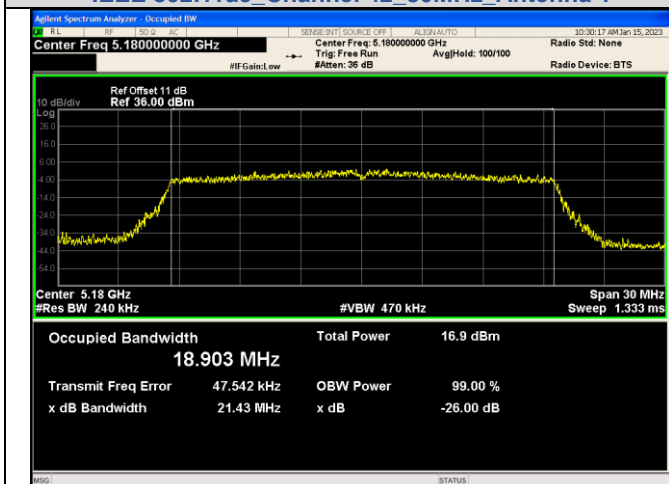
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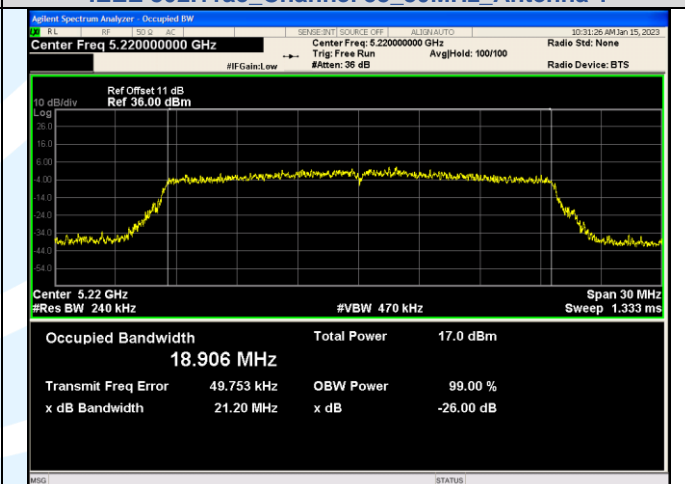
IEEE 802.11ac_Channel 42_80MHz_Antenna 1



IEEE 802.11ac_Channel 58_80MHz_Antenna 1



IEEE 802.11ax_Channel 36_20MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 44_20MHz_Antenna 1_RU&Index SU

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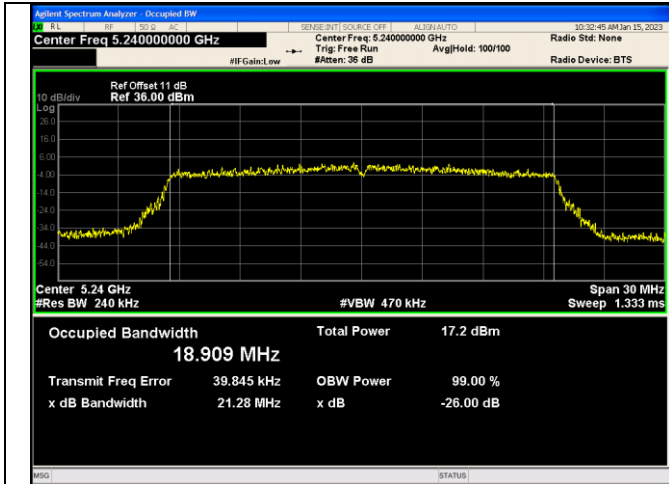
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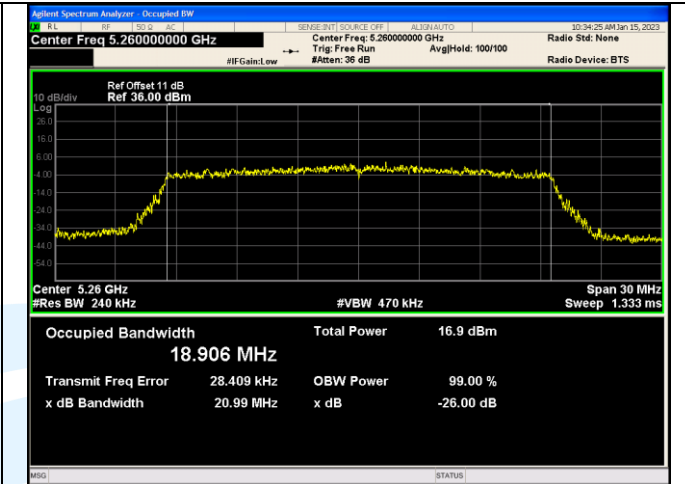
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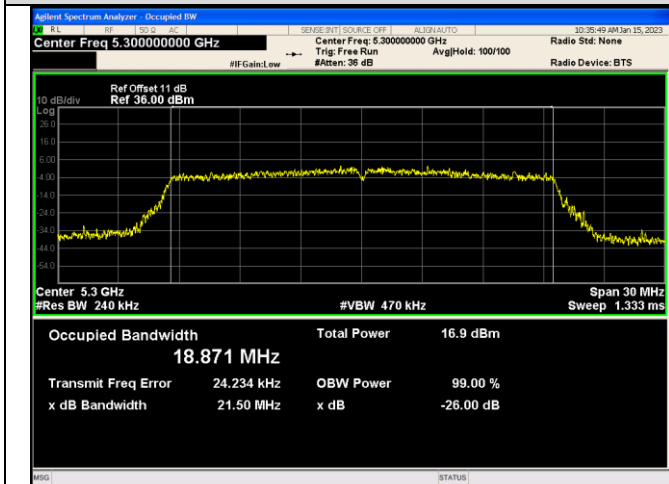
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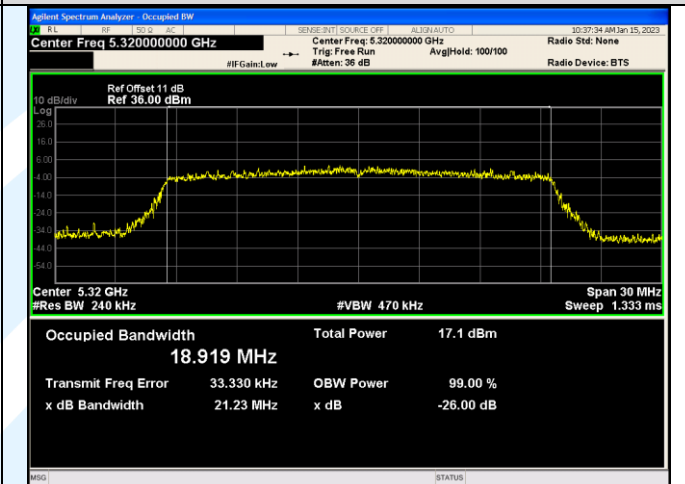
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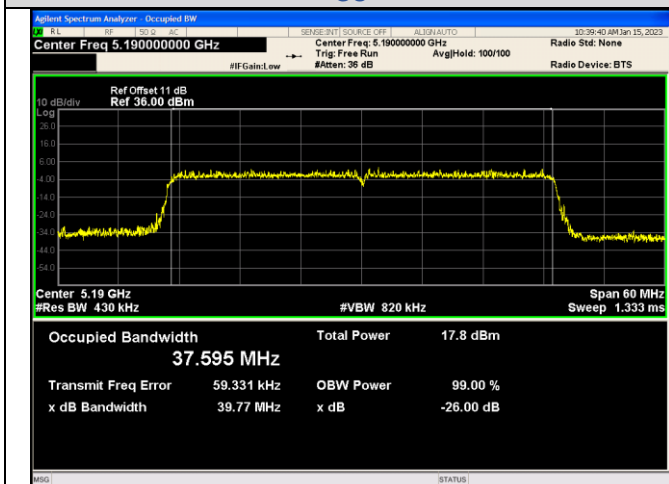
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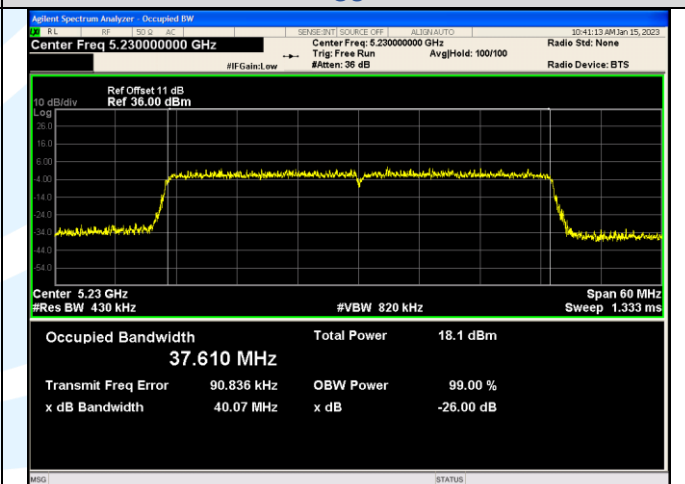
IEEE 802.11ax_Channel 60_20MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 64_20MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna 1_RU&Index SU