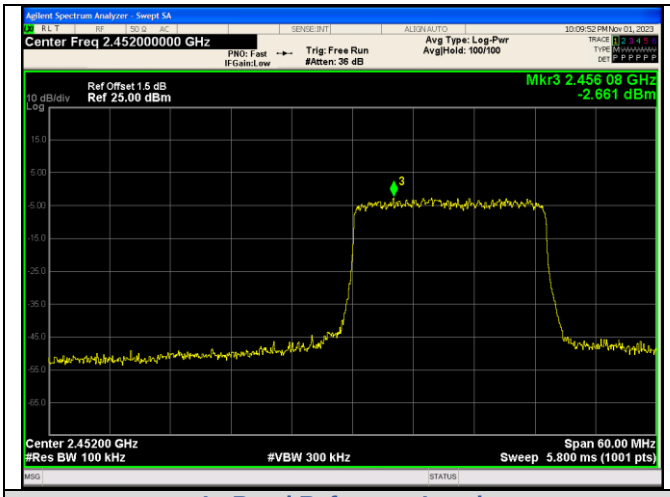
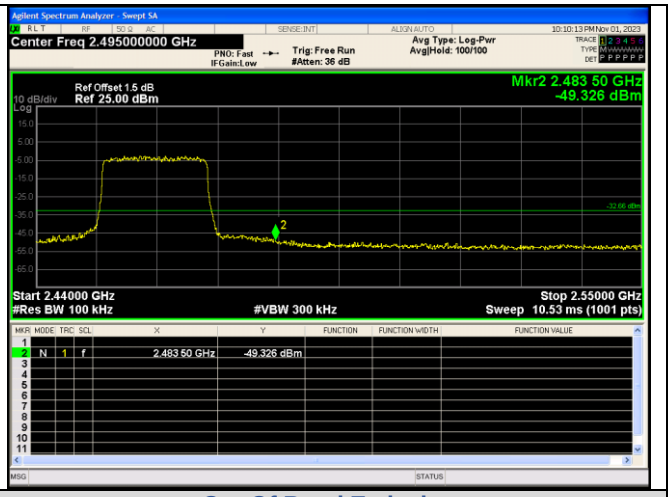
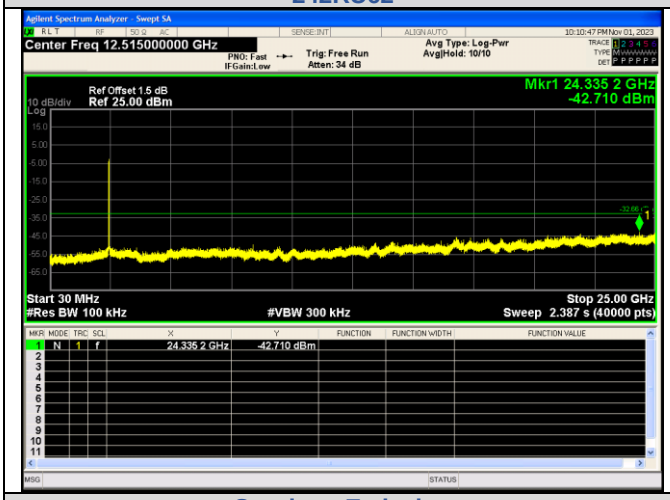


In-Band Reference Level
IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index 242RU62

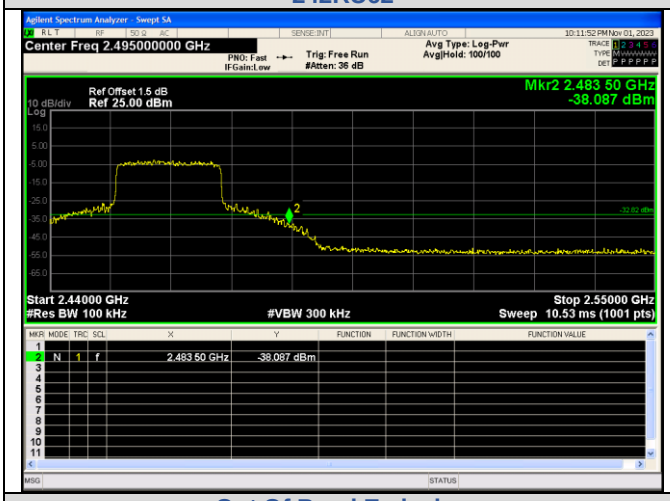


Out Of Band Emission
IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index 242RU62

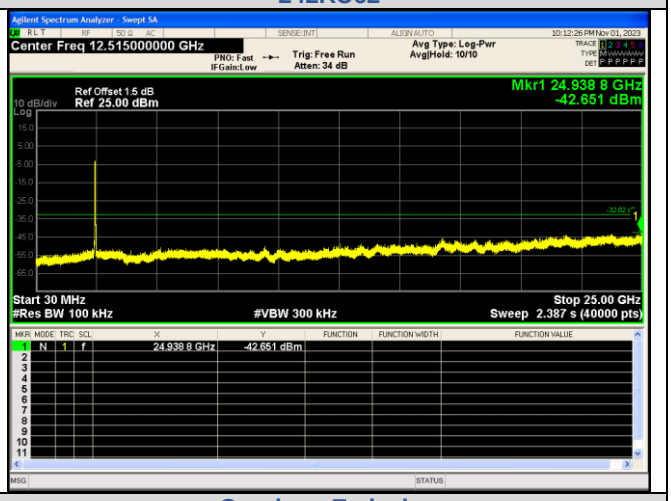


Spurious Emission
IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index 242RU62

In-Band Reference Level
IEEE 802.11ax_Channel 9_40MHz_Antenna 1_RU&Index 242RU62



Out Of Band Emission
IEEE 802.11ax_Channel 9_40MHz_Antenna 1_RU&Index 242RU62



Spurious Emission
IEEE 802.11ax_Channel 9_40MHz_Antenna 1_RU&Index 242RU62

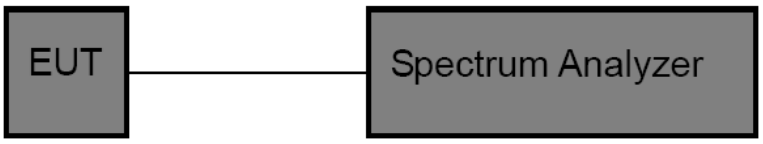
3.5. DTS Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2)

Test Item	Limit	Frequency Range (MHz)
DTS Bandwidth	⩾500 kHz (6dB bandwidth)	2400~2483.5

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. DTS Spectrum Setting:
   (1) Set RBW = 100 kHz.
   (2) Set the video bandwidth (VBW) ≥ 3 RBW.
   (3) Detector = Peak.
   (4) Trace mode = Max hold.
   (5) Sweep = Auto couple.
   OCB Spectrum Setting:
   (1) Set RBW = 1% ~ 5% occupied bandwidth.
   (2) Set the video bandwidth (VBW) ≥ 3 RBW.
   (3) Detector = Peak.
   (4) Trace mode = Max hold.
   (5) Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

Test Mode

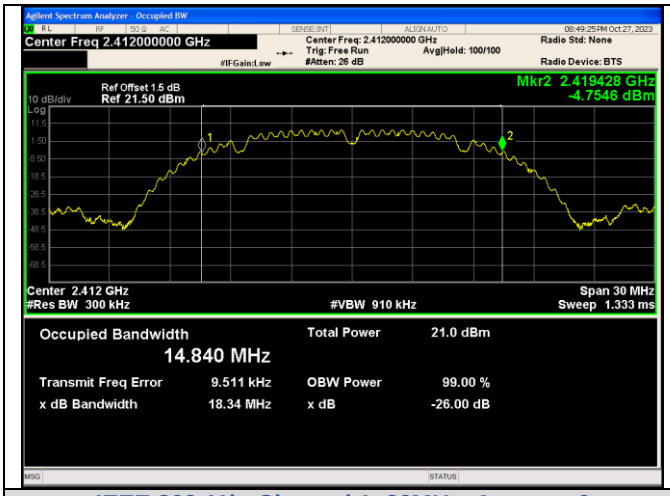
Please refer to the clause 2.4.

Test Result

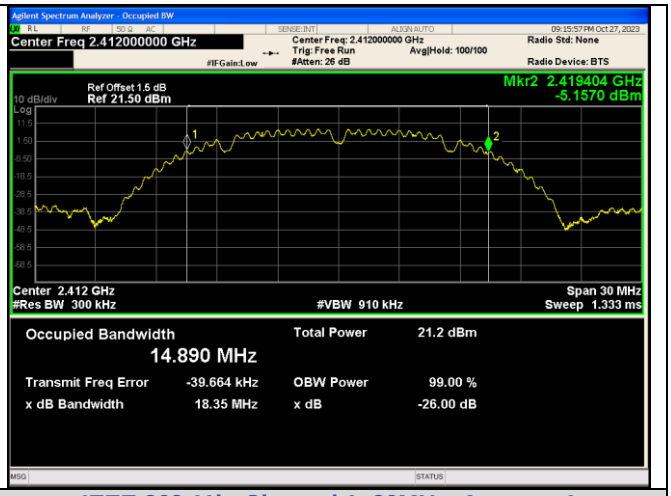
Mode	Channel	RU & Index	Ant.	99% BW (MHz)	6 dB Bandwidth (MHz)
IEEE 802.11b	1	N/A	0	14.840	10.11
			1	14.890	10.11
	6		0	14.845	10.10
			1	14.940	11.05
	11		0	14.866	10.09
			1	14.943	10.11
IEEE 802.11g	1		0	16.412	16.33
			1	16.409	16.31
	6		0	16.409	16.31
			1	16.412	16.31
	11		0	16.398	16.33
			1	16.391	16.32
IEEE 802.11n_20	1		0	17.550	17.30
			1	17.548	17.17
	6		0	17.552	17.29
			1	17.558	17.30
	11		0	17.552	17.30
			1	17.547	17.18
IEEE 802.11n_40	3		0	36.165	35.73
			1	36.235	36.33
	6		0	36.155	35.70
			1	36.161	36.33
	9		0	36.151	35.88
			1	36.129	36.06
IEEE 802.11ax_20	1	242RU61	0	18.954	18.76
			1	18.937	18.30
		26RU4	0	16.106	2.645
			1	15.927	2.649
		52RU38	0	16.753	13.80
			1	16.559	13.80
		106RU53	0	17.974	17.08
			1	17.690	17.08
	6	242RU61	0	18.925	18.48
			1	18.938	18.28
		26RU4	0	15.813	2.651
			1	16.043	2.635
		52RU38	0	16.685	14.97
			1	16.584	15.02
		106RU53	0	18.024	17.09
			1	17.854	17.07
	11	242RU61	0	18.927	18.80
			1	18.954	18.84
		26RU4	0	15.804	2.640
			1	16.072	2.642
		52RU38	0	16.752	13.81
			1	16.555	15.02
		106RU53	0	17.950	17.09
			1	17.798	17.08
IEEE 802.11ax_40	3	484RU65	0	37.780	37.58
			1	37.775	37.96
		26RU8	0	17.692	2.122
			1	17.637	2.108
		52RU40	0	17.940	4.146
			1	18.095	4.168
		106RU54	0	17.924	15.98
			1	17.939	17.22
		242RU61	0	18.848	18.83
			1	18.819	18.81
	6	484RU65	0	37.759	36.60
			1	37.782	37.94
		26RU8	0	17.666	2.114

			1	17.768	2.112
		52RU40	0	17.879	4.171
			1	17.997	4.189
		106RU54	0	17.755	17.21
			1	17.904	17.22
		242RU61	0	18.840	18.88
			1	18.837	18.82
	9	484RU65	0	37.789	37.96
			1	37.934	37.93
		26RU8	0	17.619	2.124
			1	17.698	2.125
		52RU40	0	17.924	4.189
			1	18.005	4.202
		106RU54	0	17.830	17.22
			1	17.891	17.21
		242RU61	0	18.833	18.88
			1	18.819	18.83

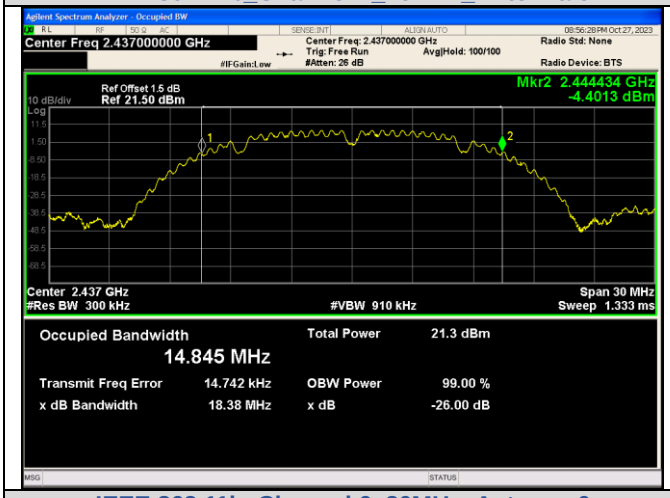
99% Bandwidth:



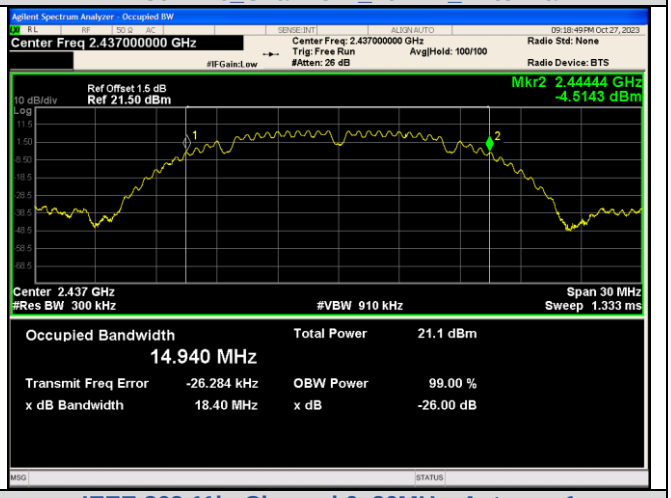
IEEE 802.11b_Channel 1_20MHz_Antenna 0



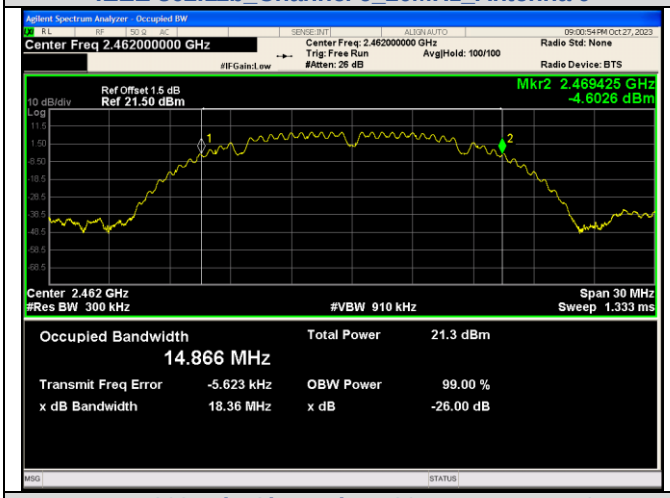
IEEE 802.11b_Channel 1_20MHz_Antenna 1



IEEE 802.11b_Channel 6_20MHz_Antenna 0



IEEE 802.11b_Channel 6_20MHz_Antenna 1



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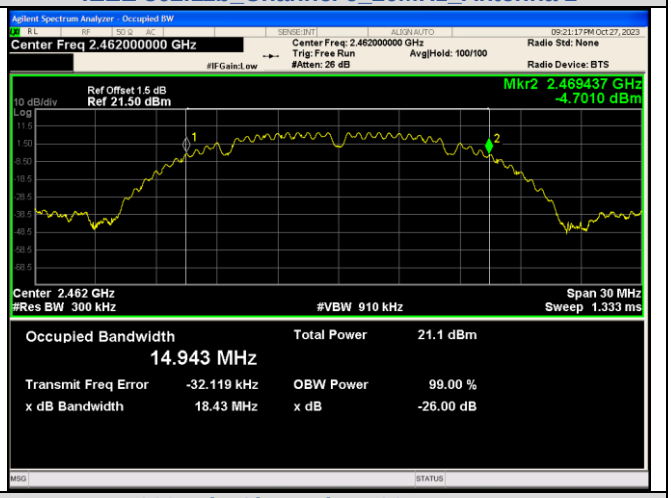
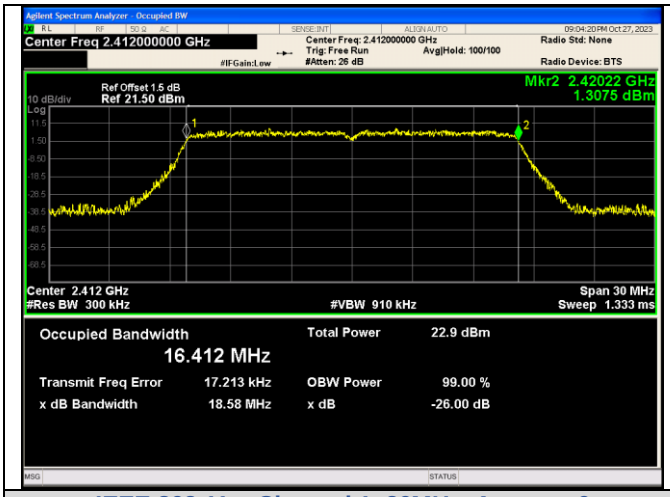
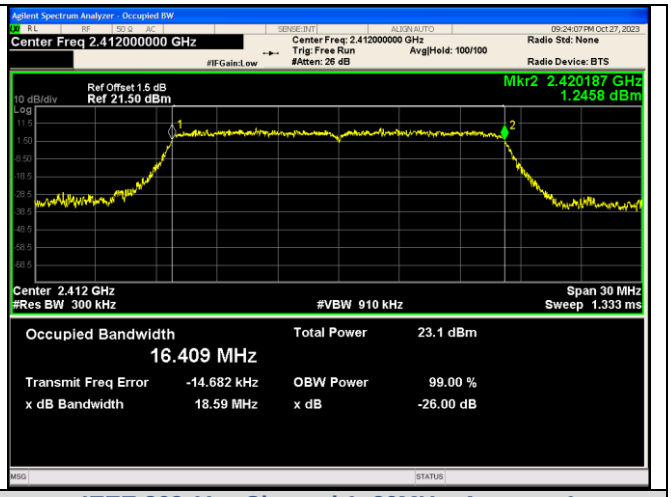


IEEE 802.11b_Channel 11_20MHz_Antenna 1



IEEE 802.11g_Channel 1_20MHz_Antenna 0



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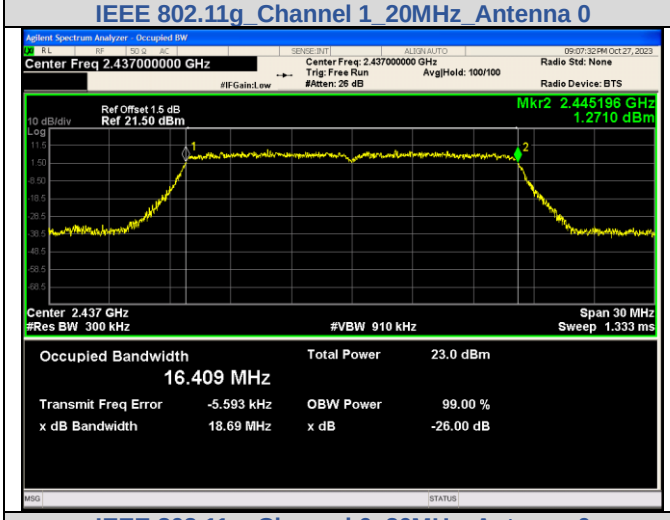

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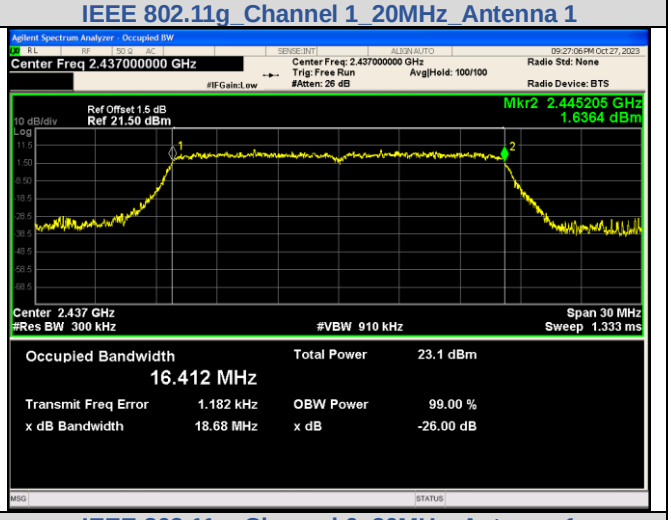

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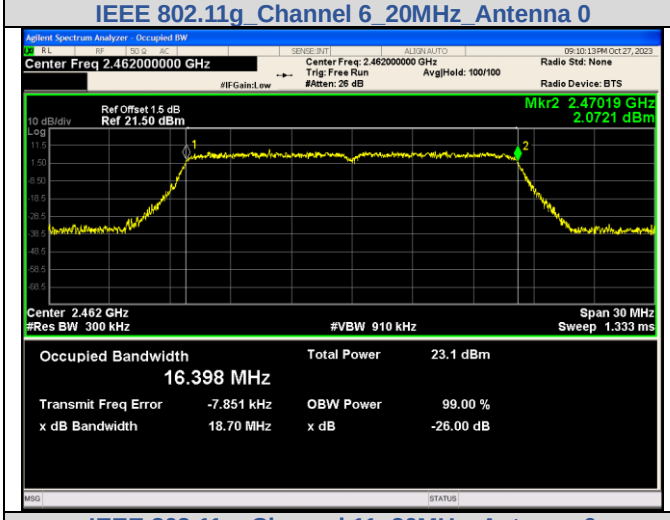

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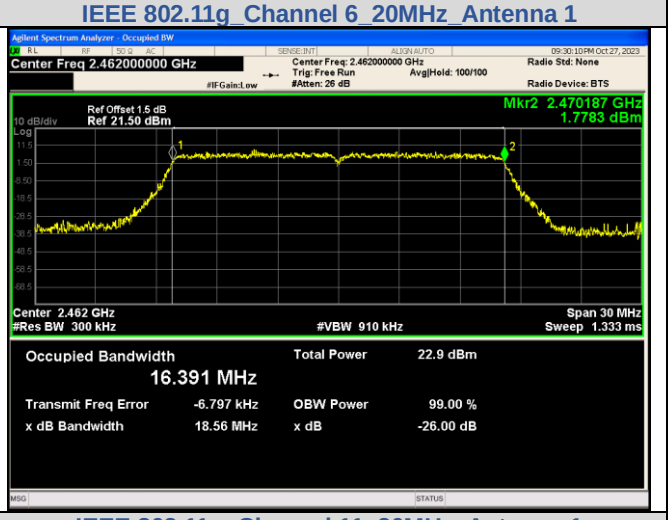
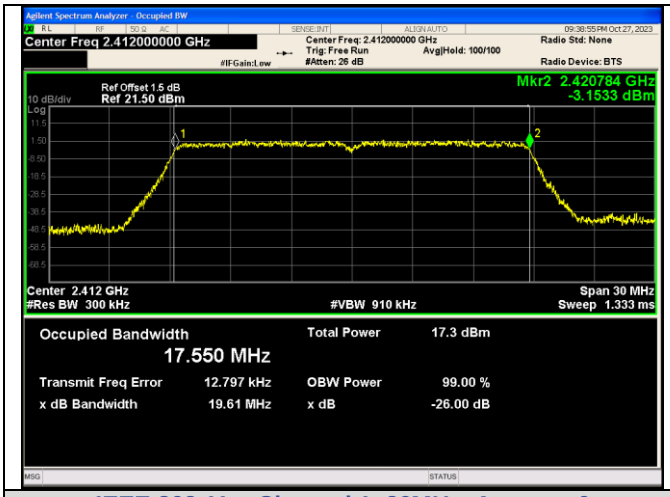
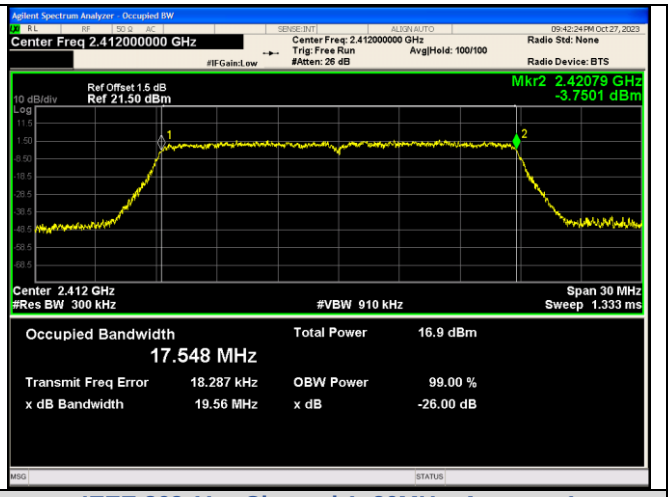


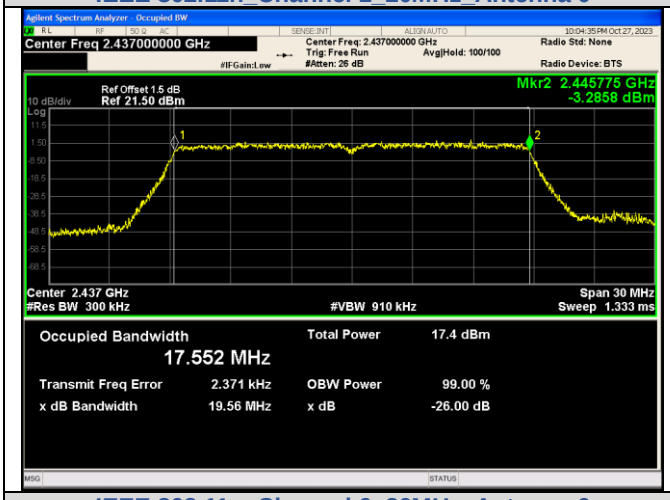
IEEE 802.11g_Channel 11_20MHz_Antenna 1



IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 1_20MHz_Antenna 1



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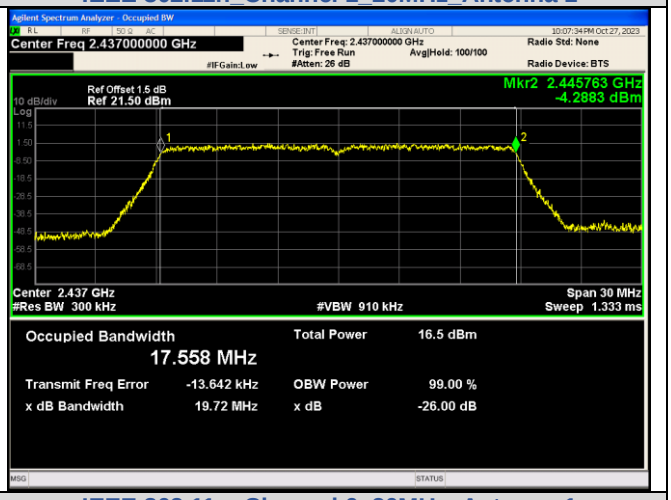
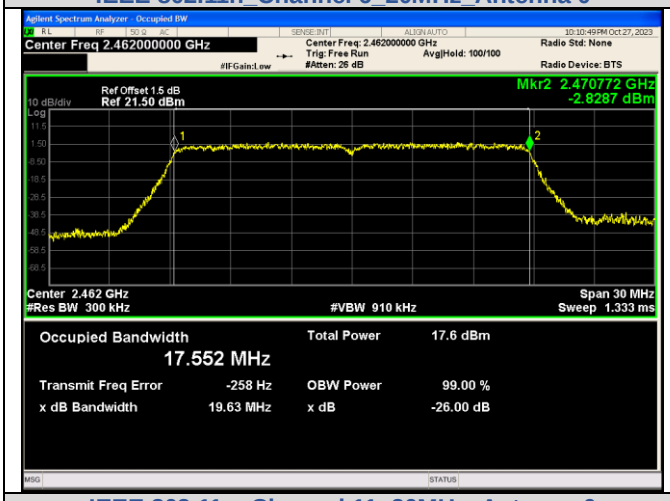
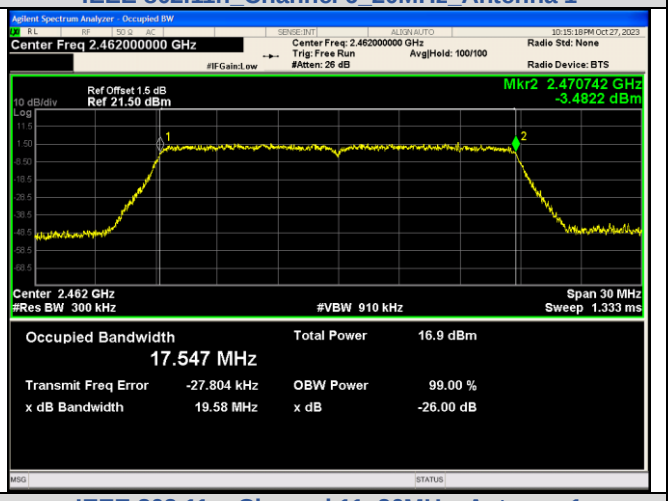


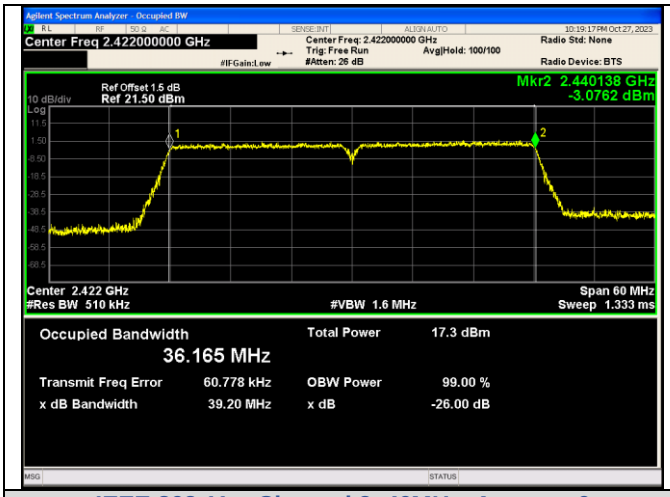
IEEE 802.11n_Channel 6_20MHz_Antenna 1



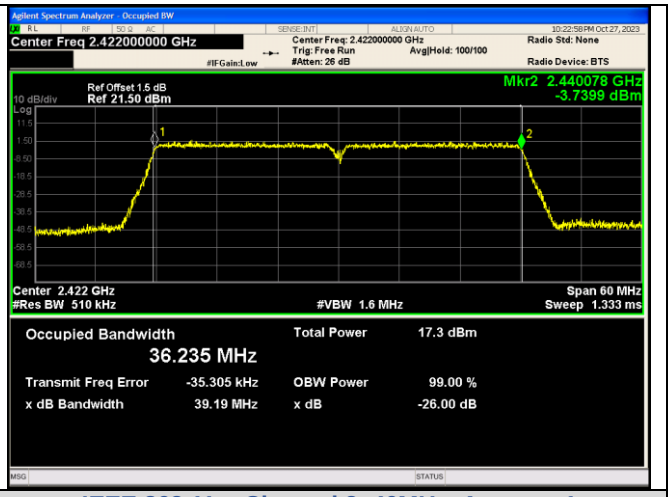
IEEE 802.11n_Channel 11_20MHz_Antenna 0



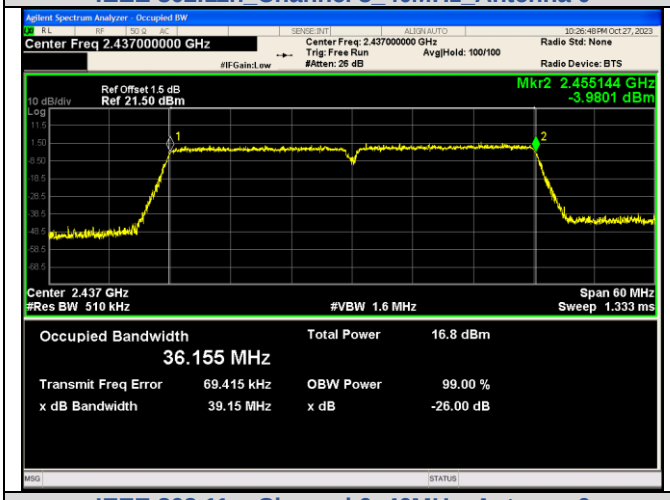
IEEE 802.11n_Channel 11_20MHz_Antenna 1



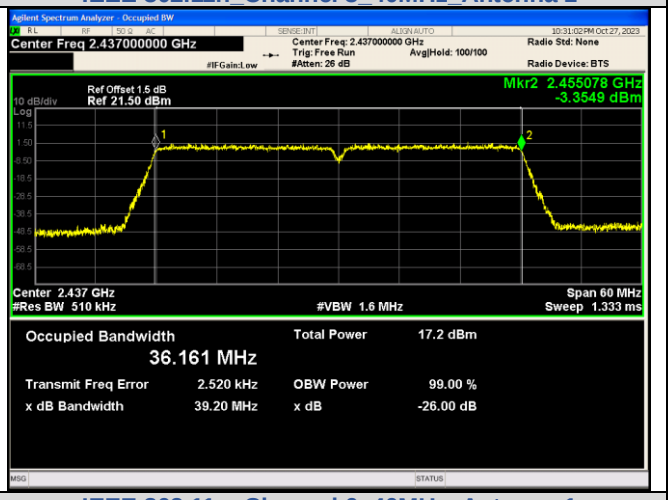
IEEE 802.11n_Channel 3_40MHz_Antenna 0



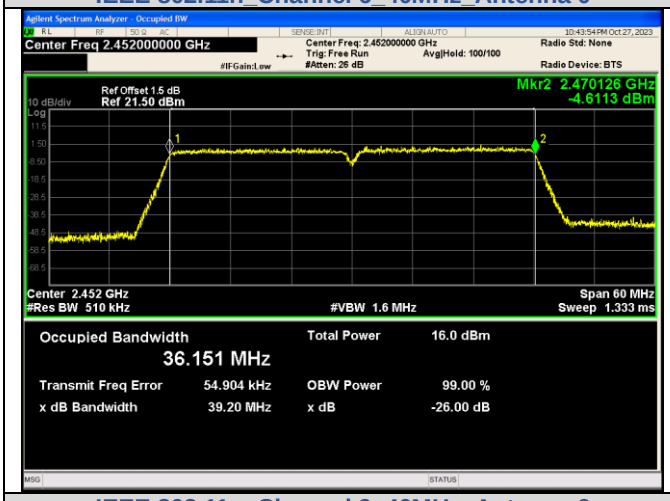
IEEE 802.11n_Channel 3_40MHz_Antenna 1



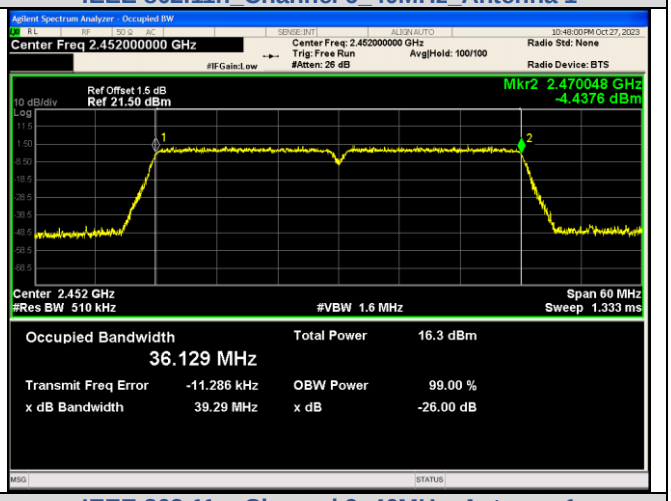
IEEE 802.11n_Channel 6_40MHz_Antenna 0



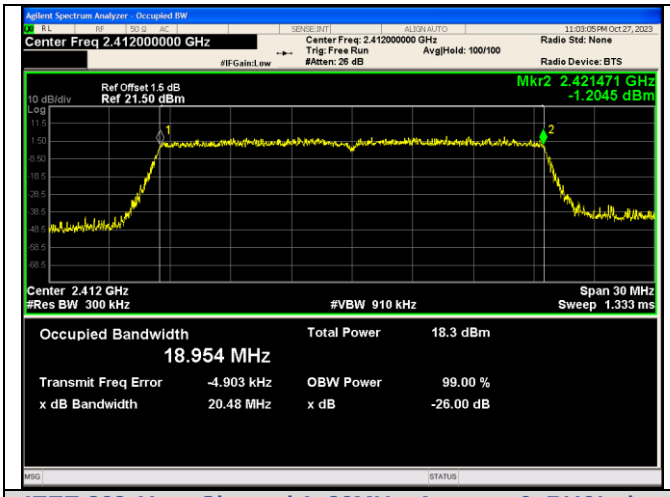
IEEE 802.11n_Channel 6_40MHz_Antenna 1



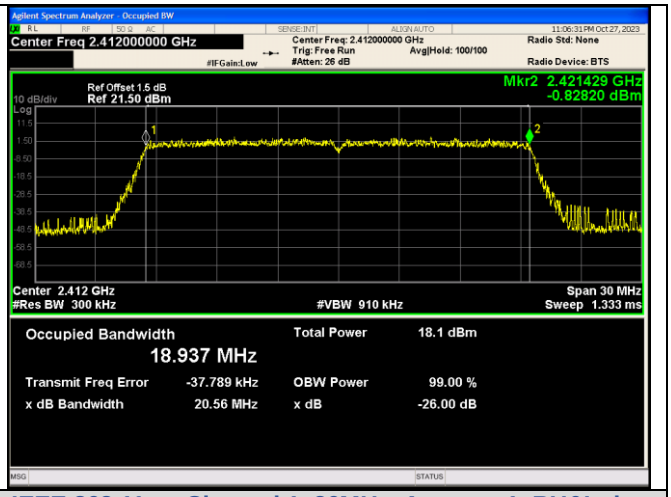
IEEE 802.11n_Channel 9_40MHz_Antenna 0



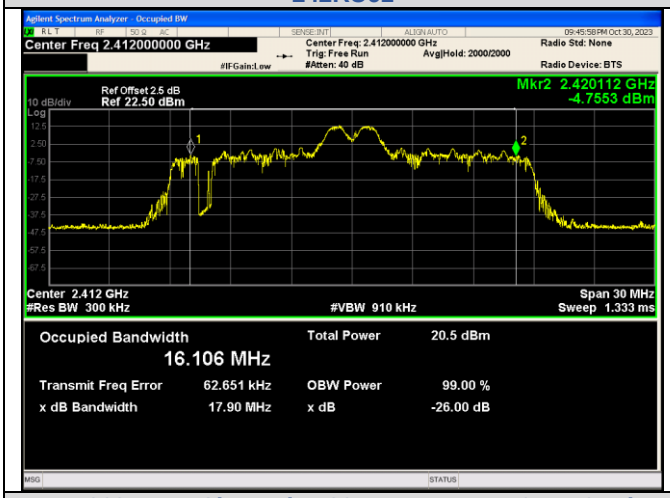
IEEE 802.11n_Channel 9_40MHz_Antenna 1



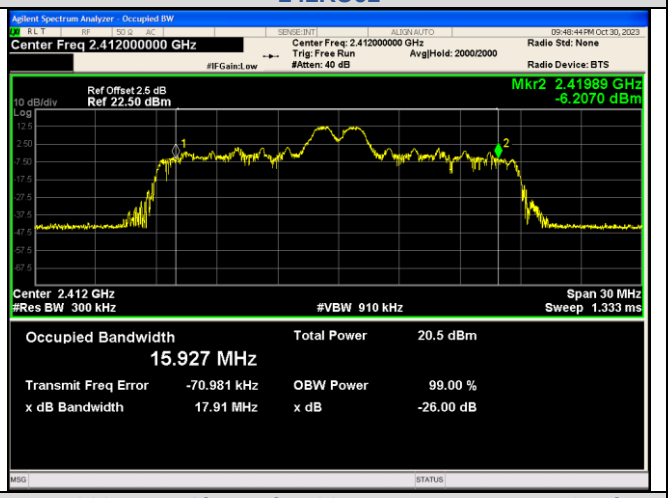
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 242RU61



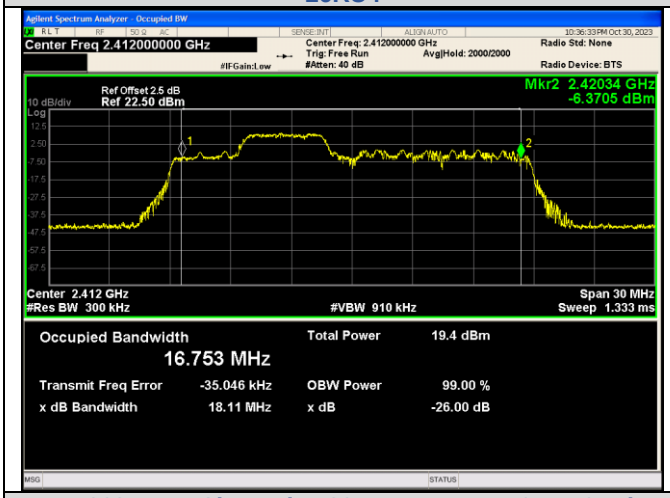
IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 242RU61



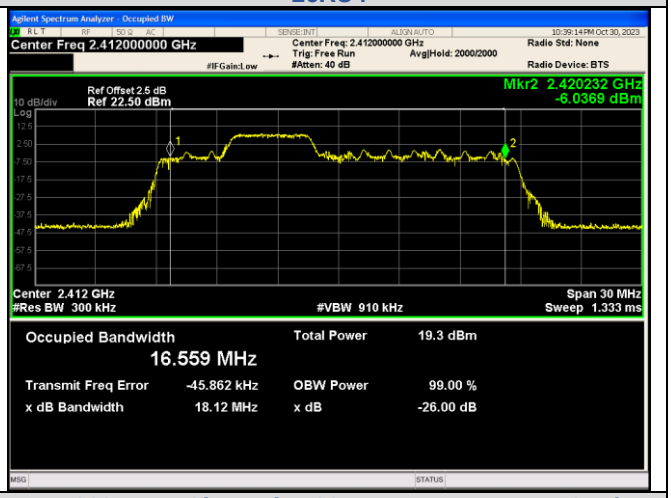
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 26RU4



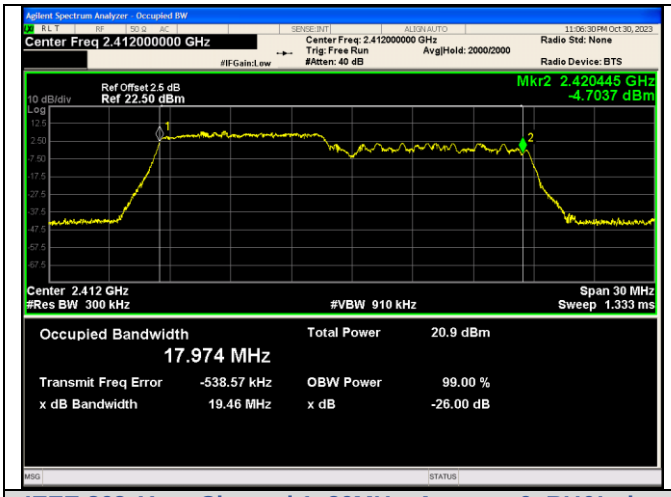
IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 26RU4



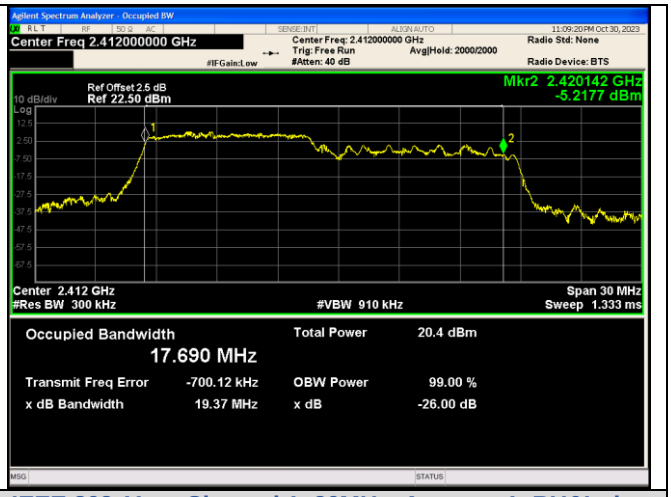
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 52RU38



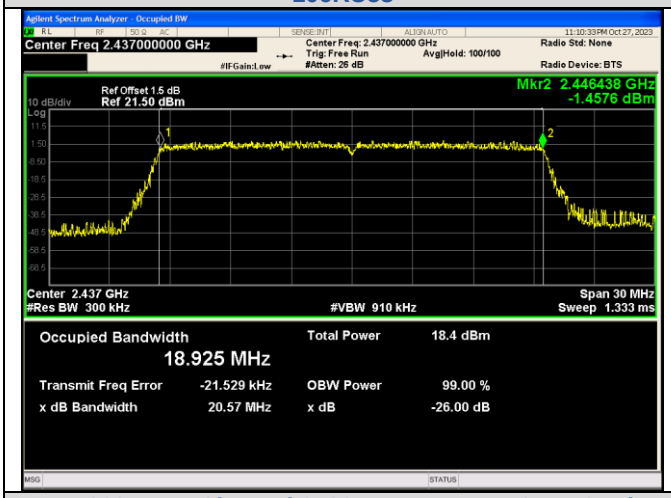
IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 52RU38



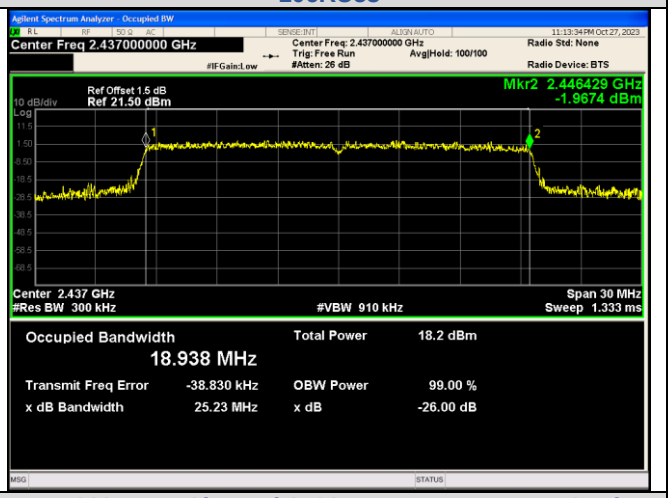
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 106RU53



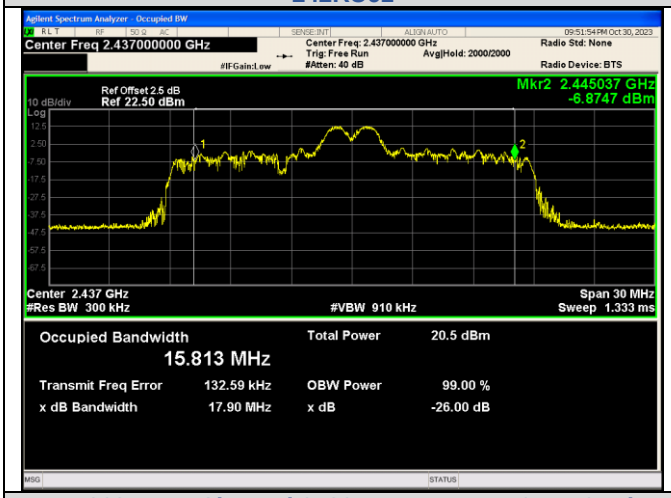
IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 106RU53



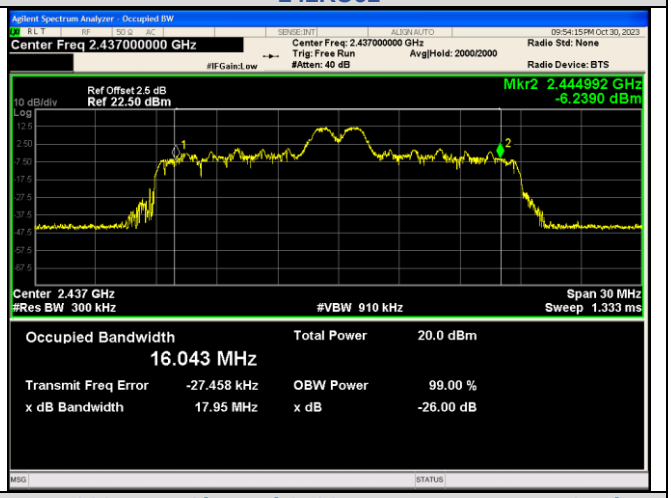
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 242RU61



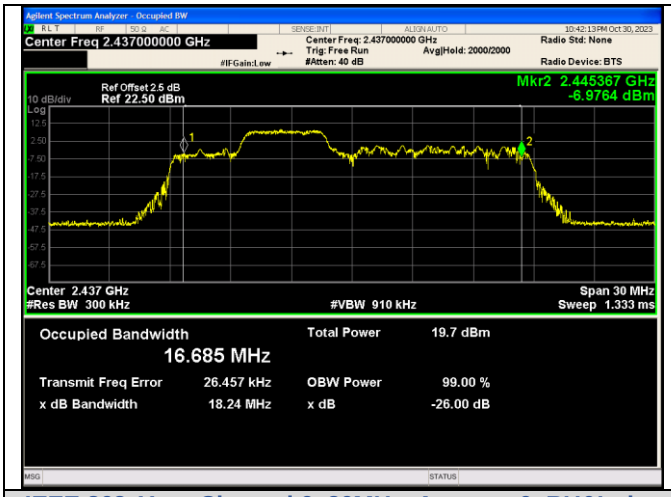
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 242RU61



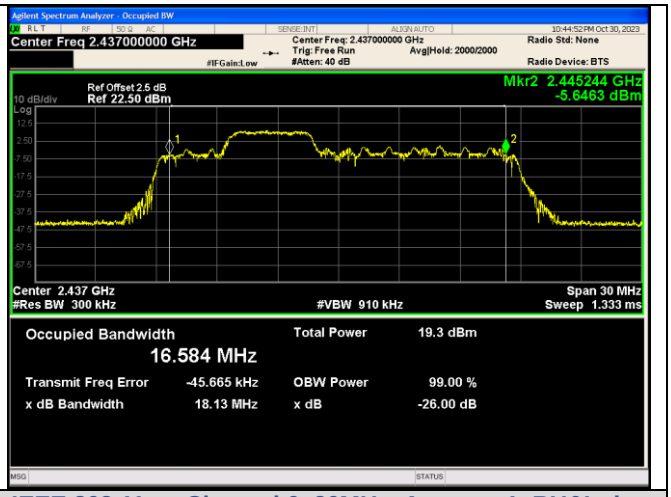
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 26RU4



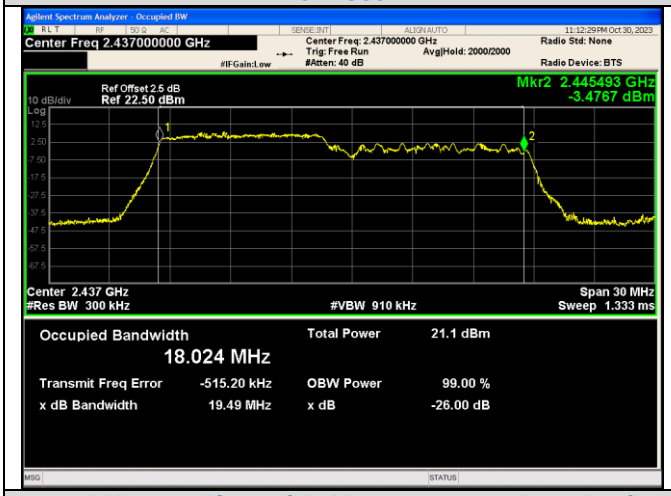
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 26RU4



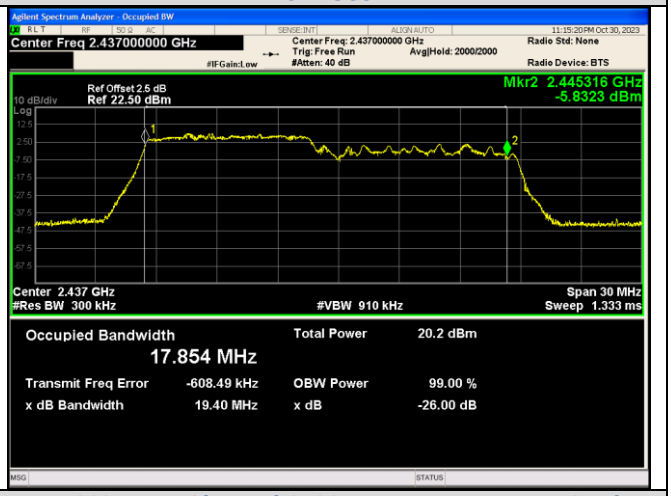
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 52RU38



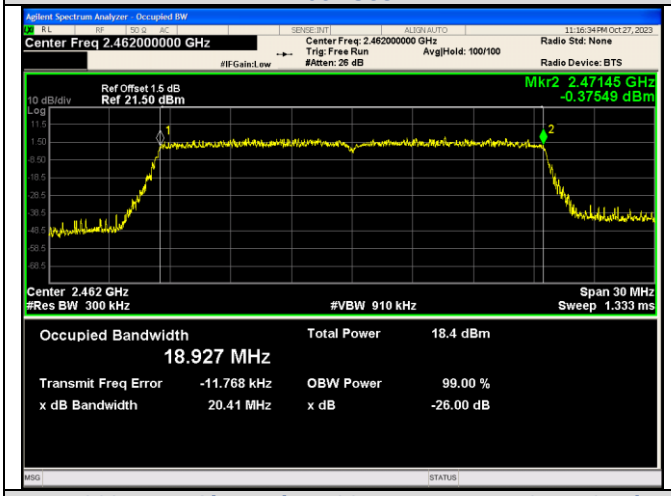
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 52RU38



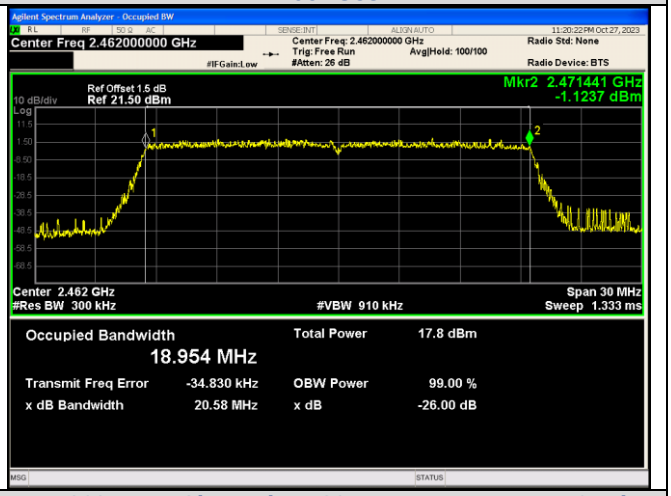
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 106RU53



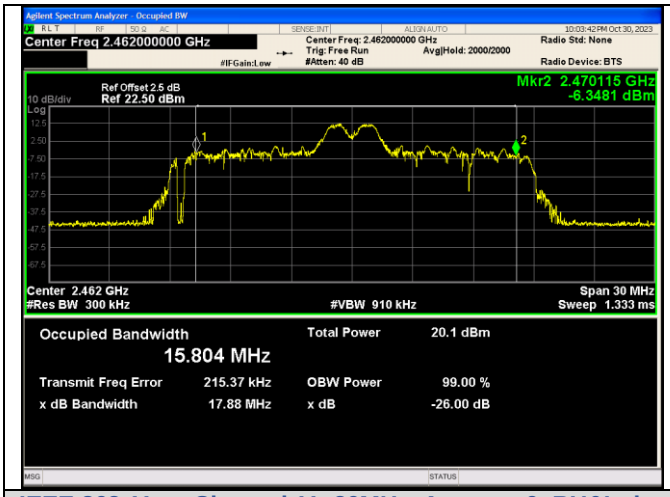
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 106RU53



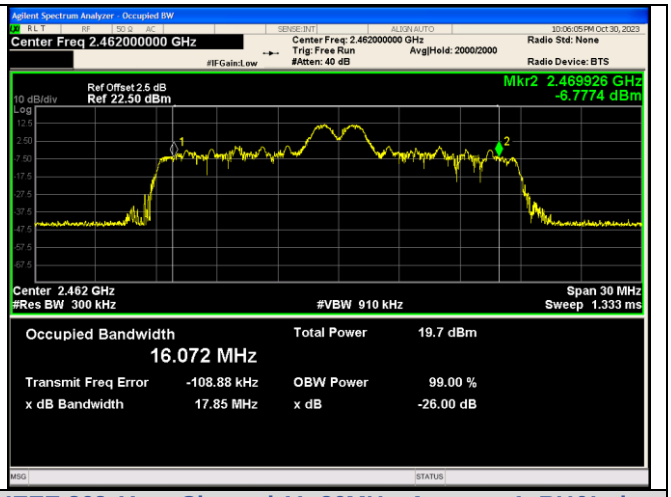
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 242RU61



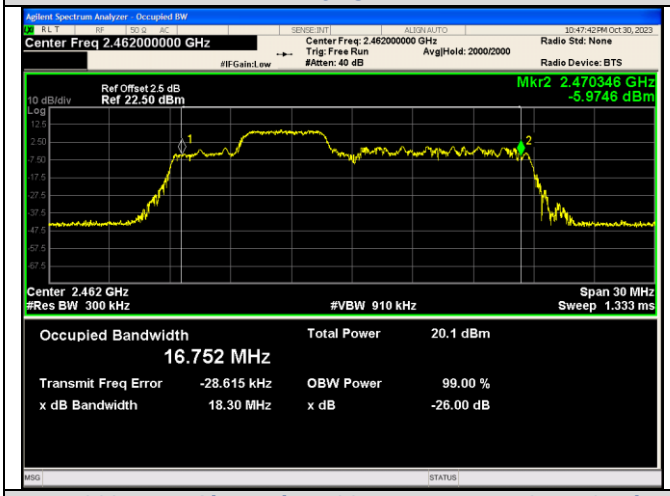
IEEE 802.11ax_Channel 11_20MHz_Antenna 1_RU&Index 242RU61



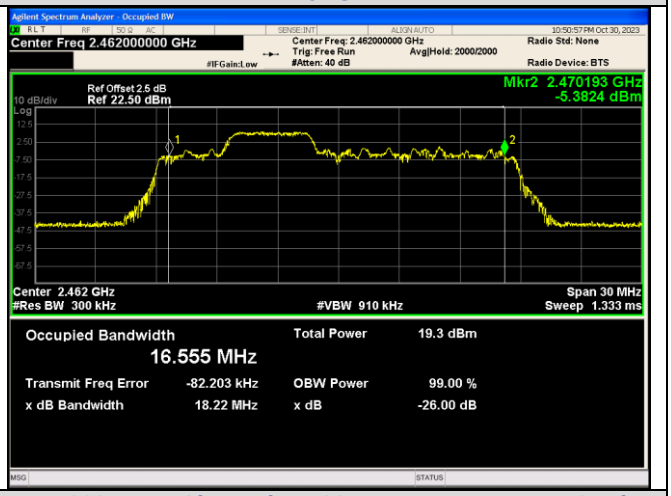
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 26RU4



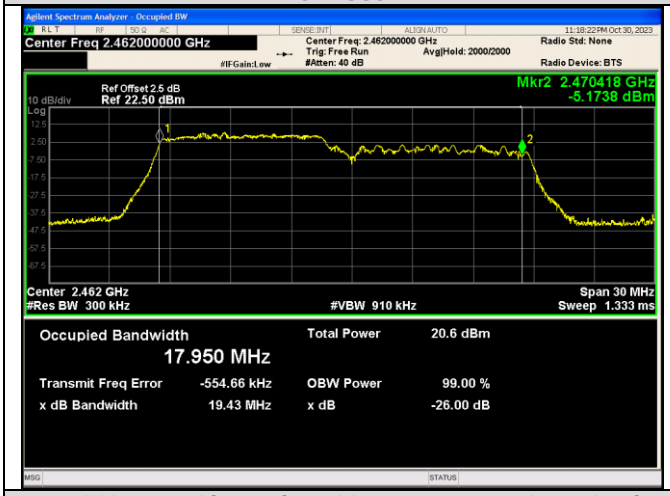
IEEE 802.11ax_Channel 11_20MHz_Antenna 1_RU&Index 26RU4



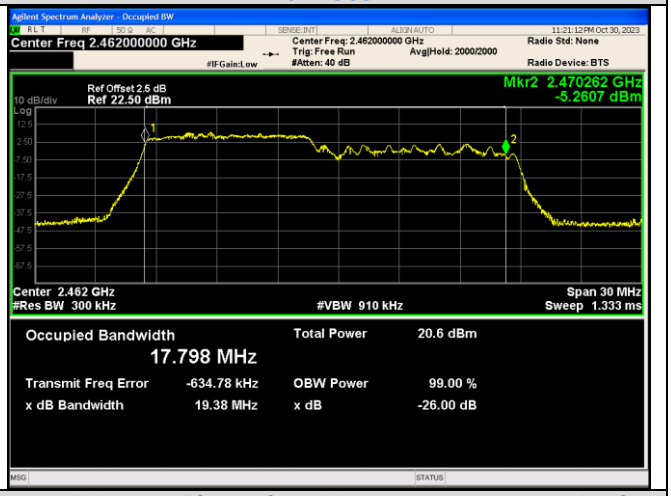
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 52RU38



IEEE 802.11ax_Channel 11_20MHz_Antenna 1_RU&Index 52RU38



IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 106RU53



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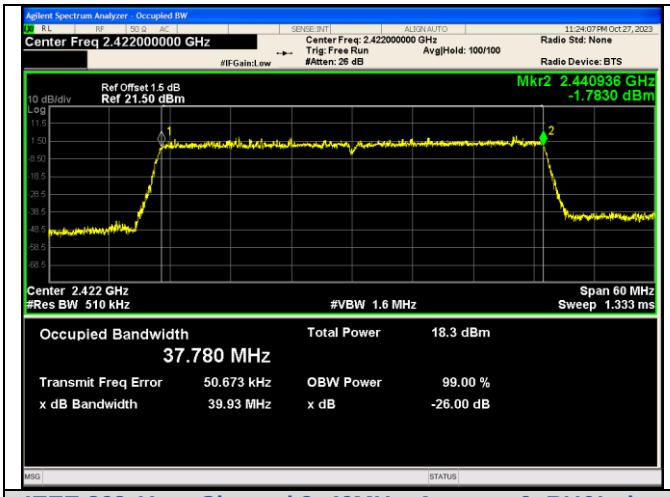

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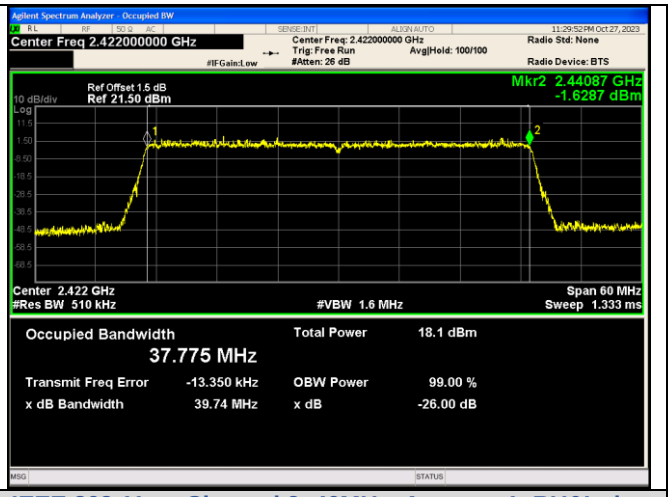

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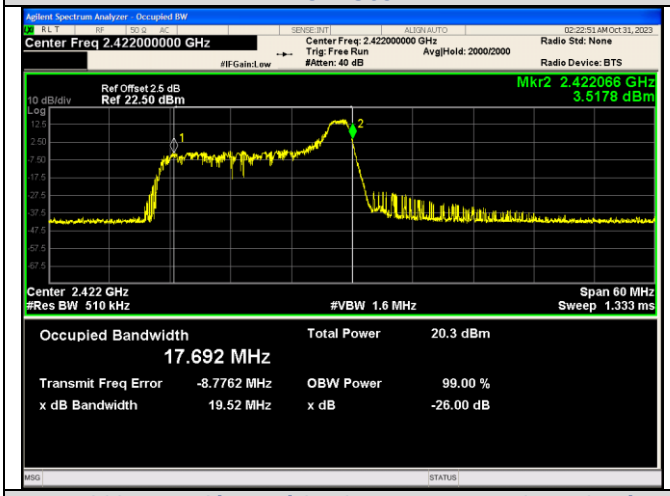

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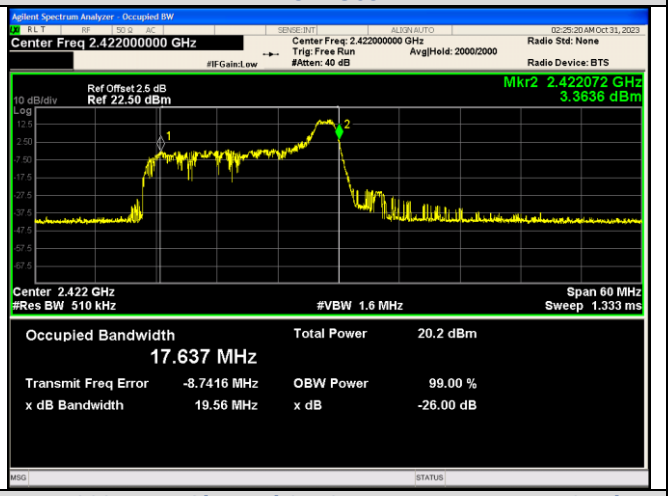

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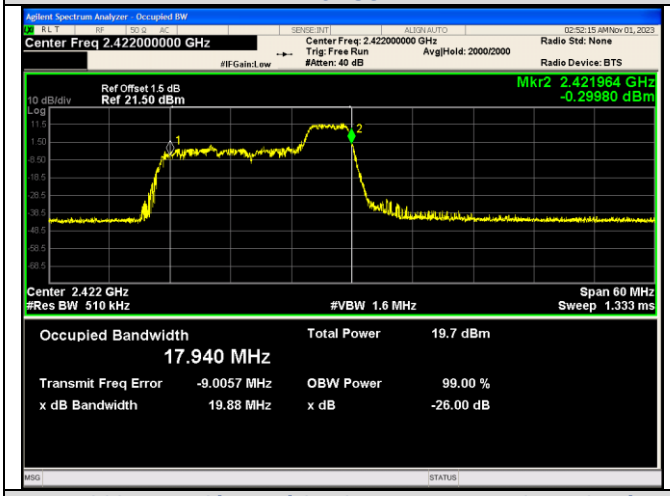

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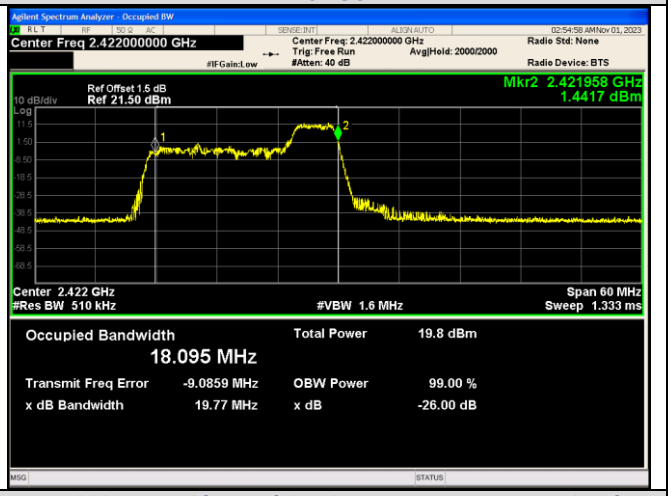

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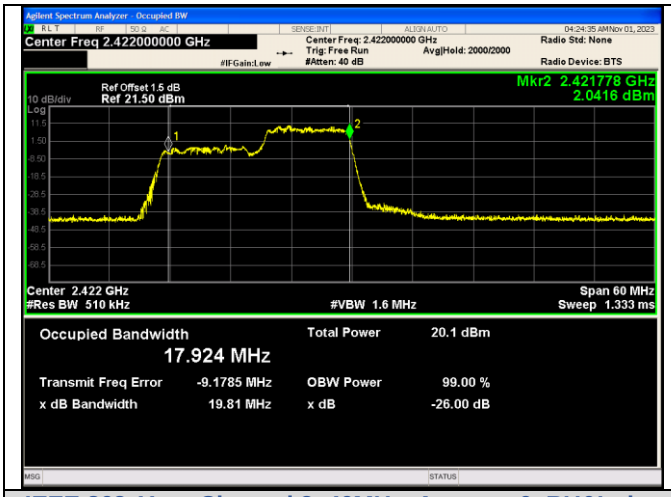

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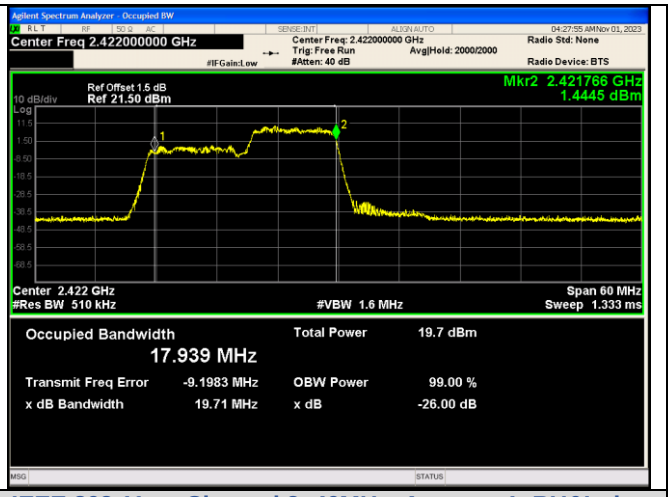

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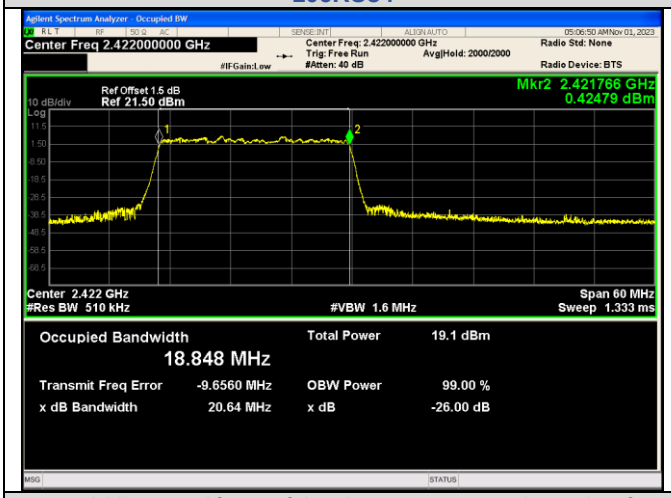

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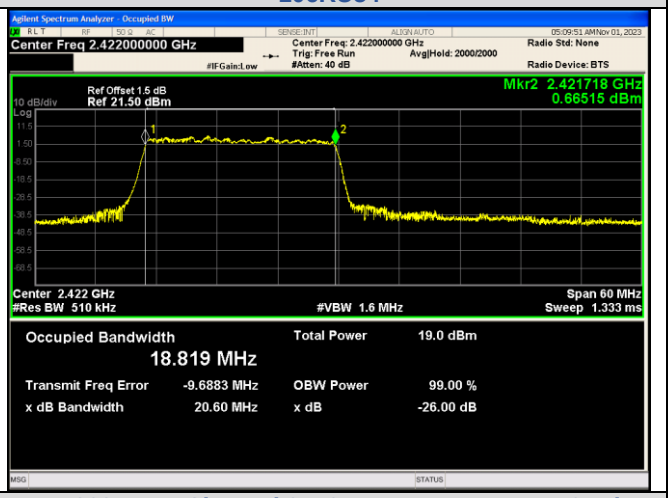
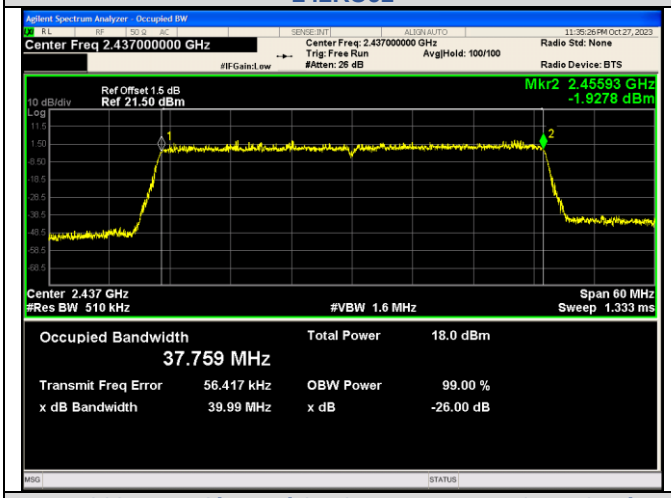
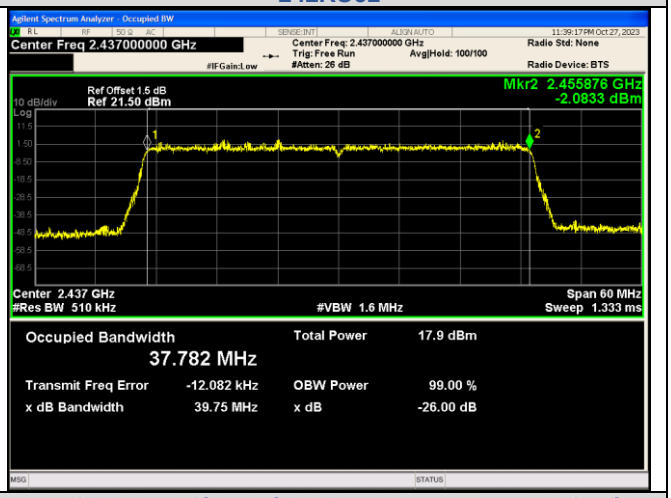


IEEE 802.11ax_Channel 3_40MHz_Antenna 1_RU&Index 242RU61



IEEE 802.11ax_Channel 6_40MHz_Antenna 0_RU&Index 484RU65



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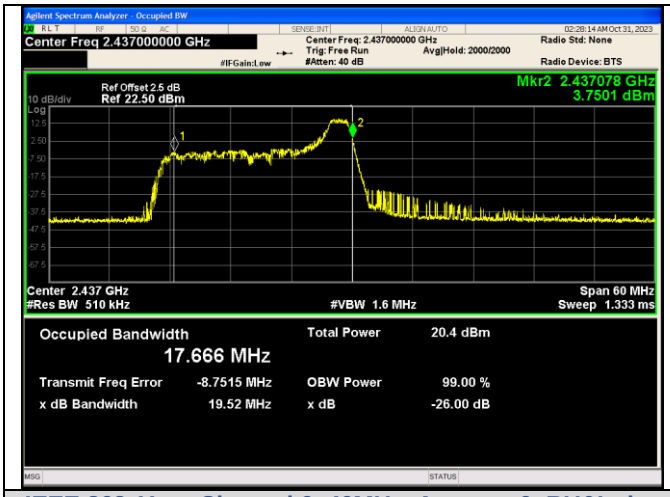

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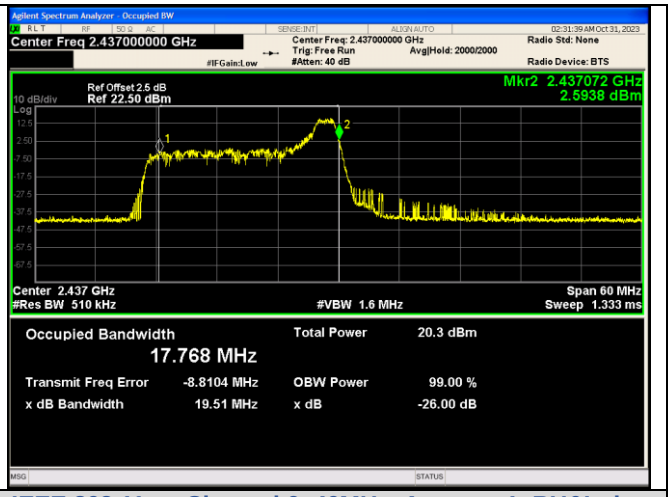

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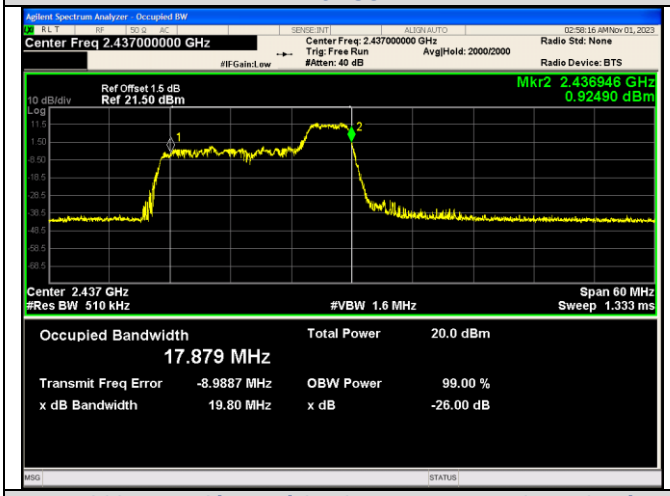

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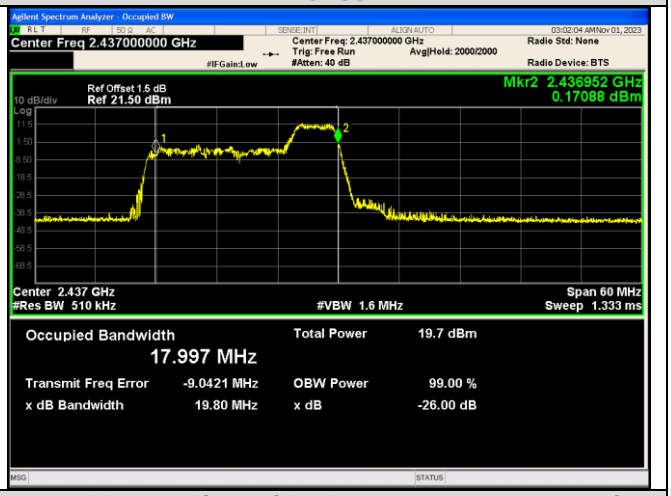

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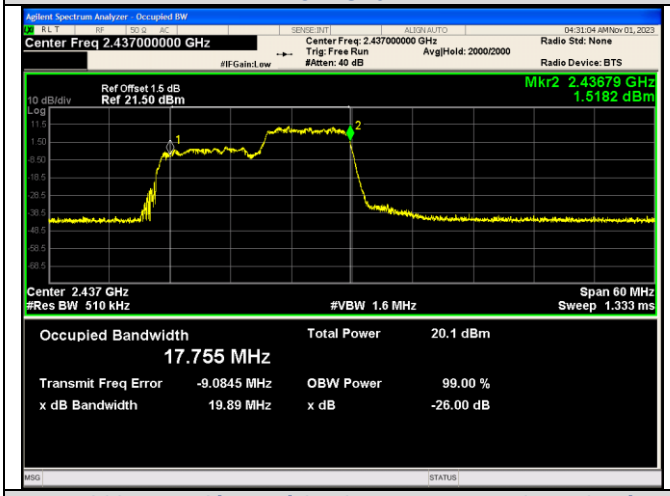

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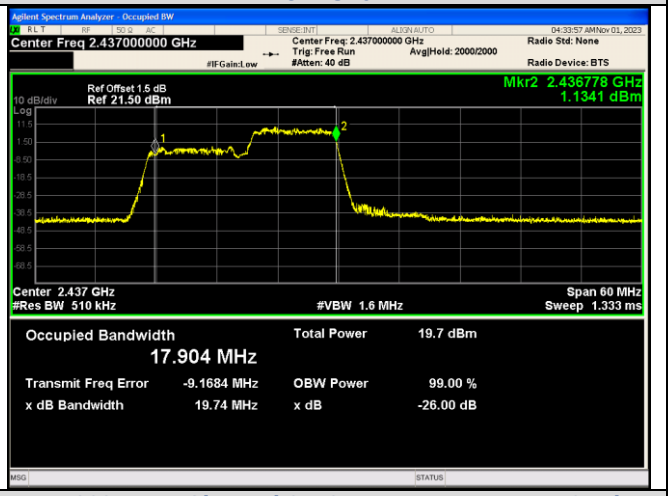

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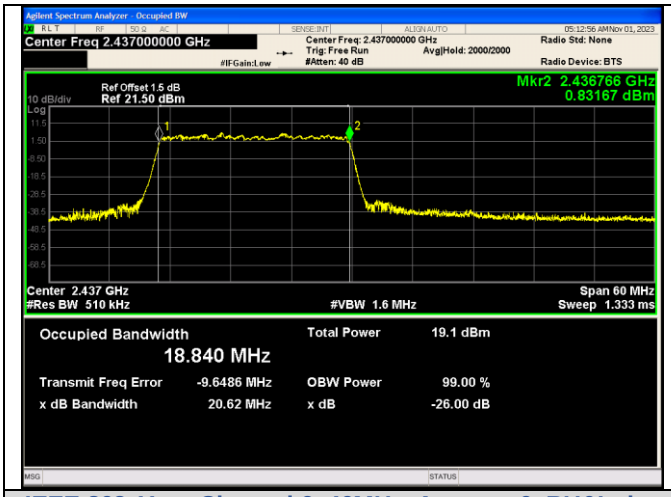

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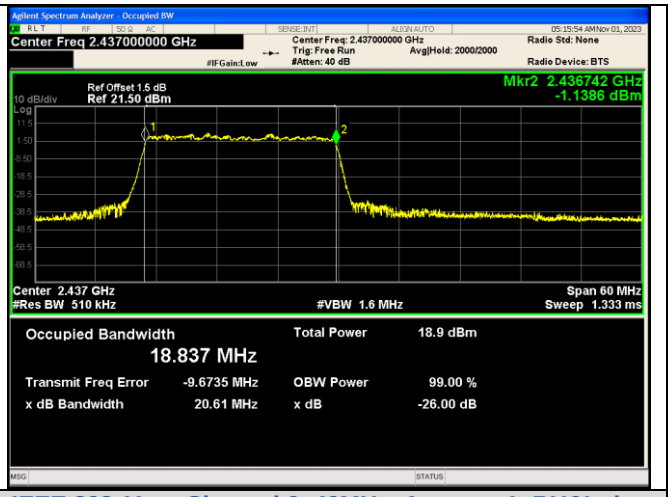

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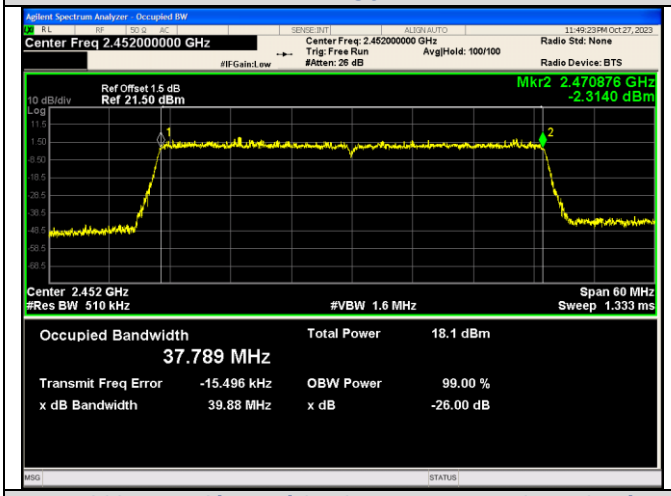

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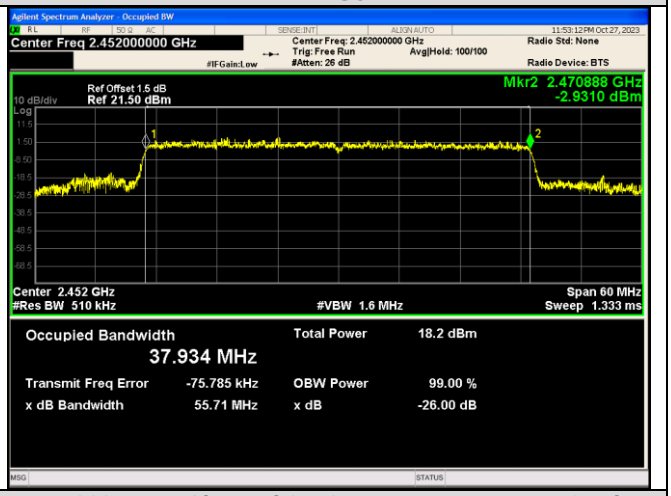

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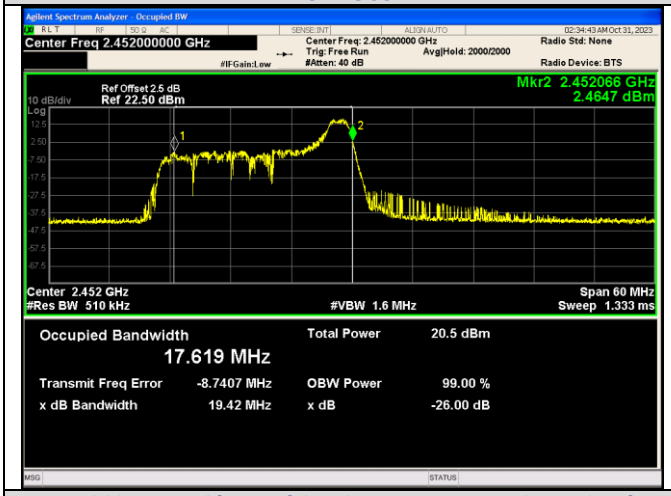

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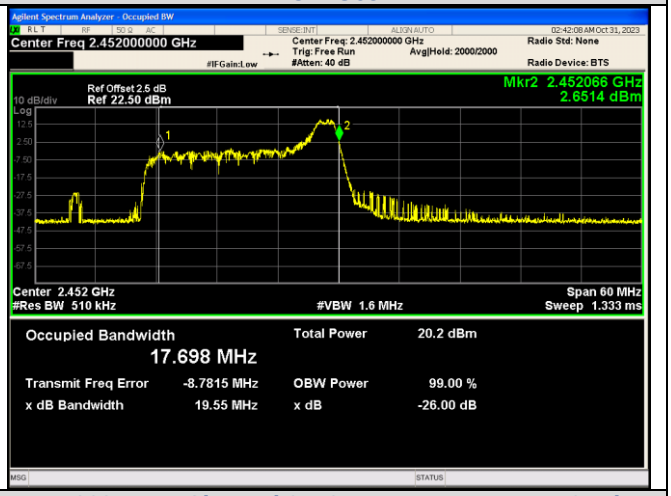

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