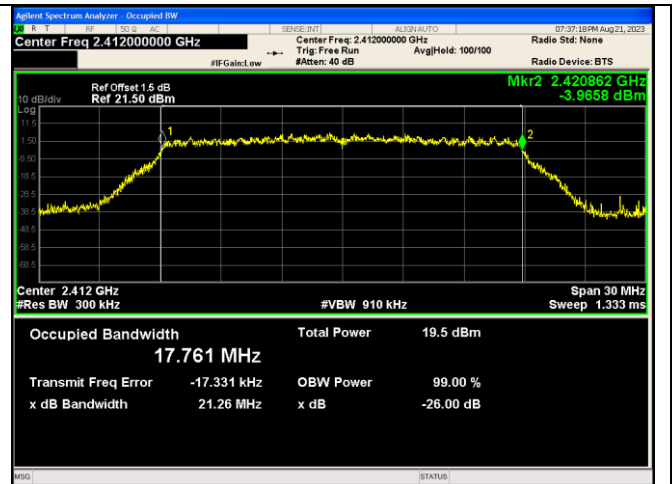
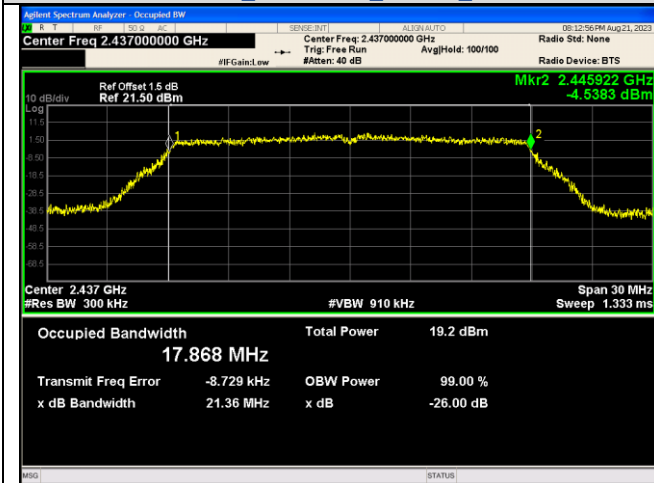


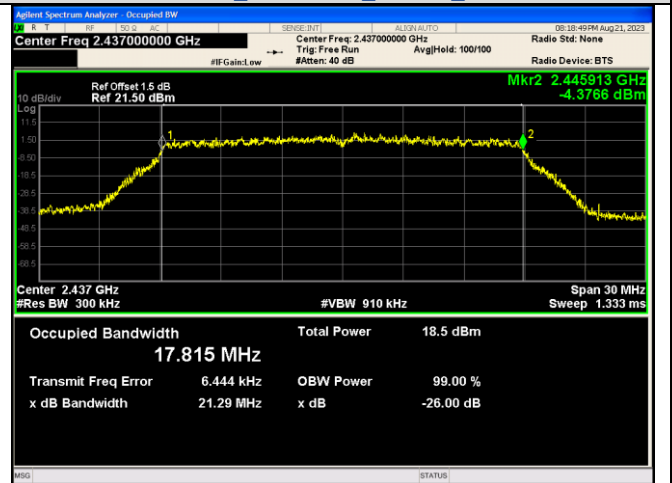
IEEE 802.11n Channel 1 20MHz Antenna 0



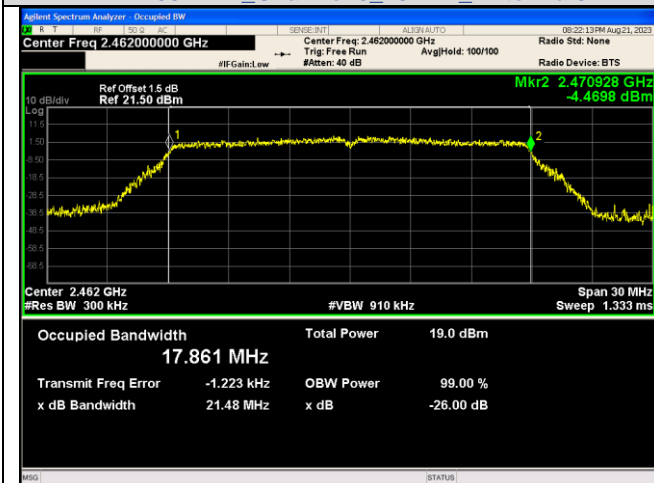
IEEE 802.11n Channel 1 20MHz Antenna 1



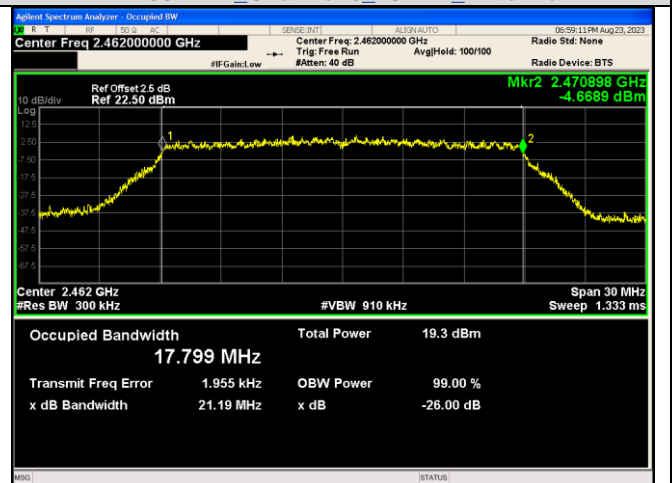
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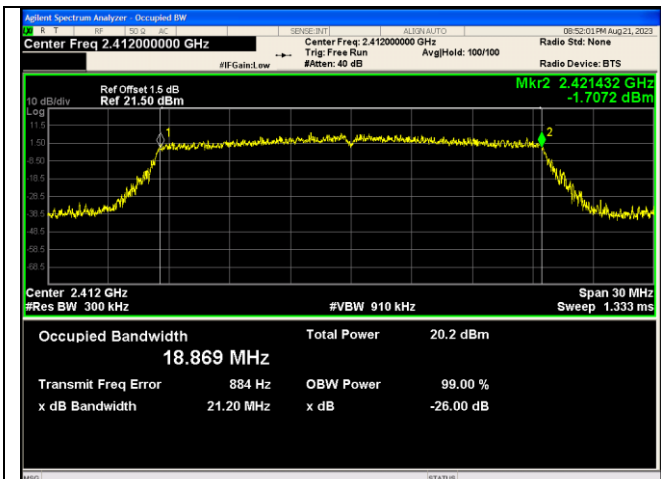
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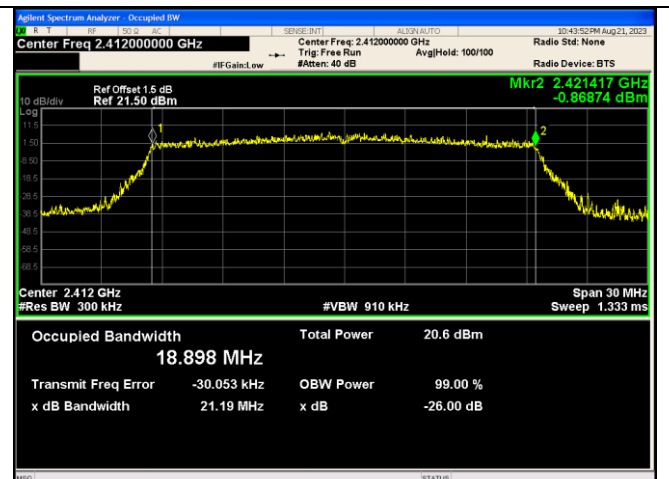
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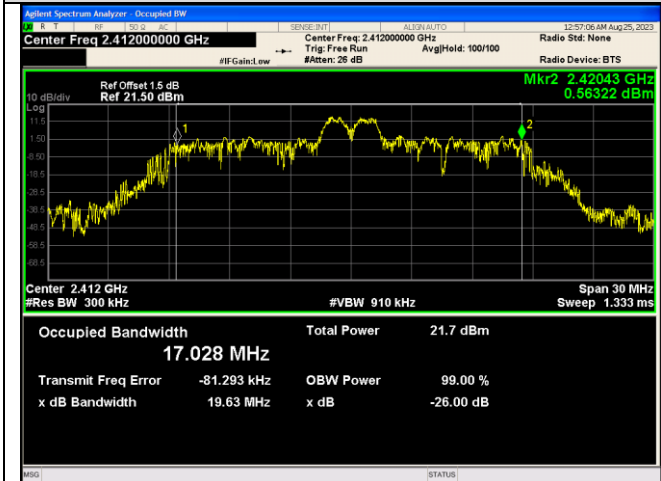
IEEE 802.11n Channel 11 20MHz Antenna 1



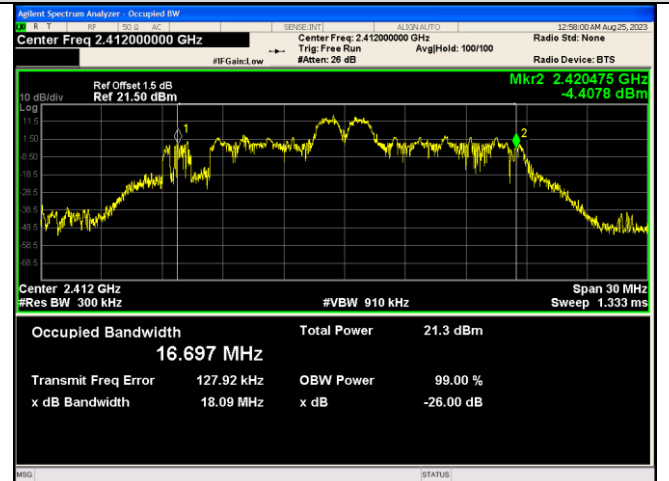
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 242RU61



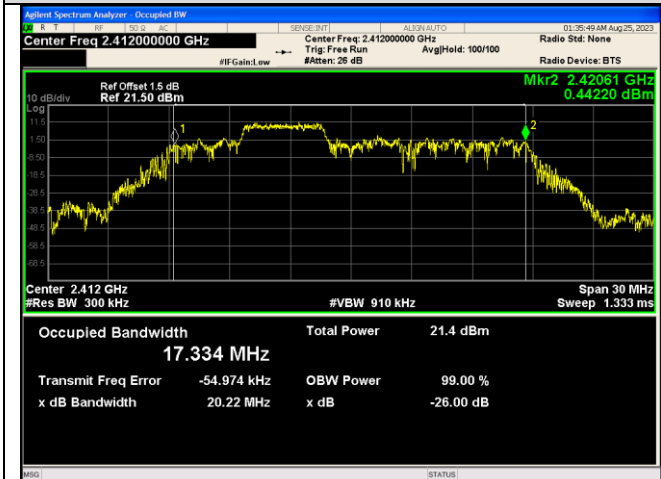
IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 242RU61



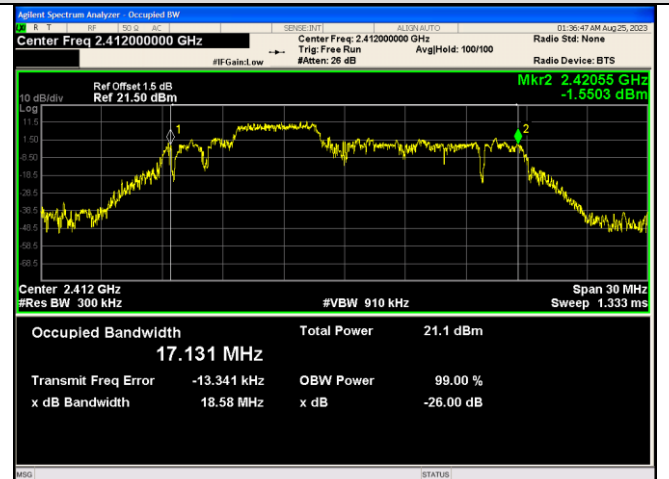
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 26RU4



IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 26RU4

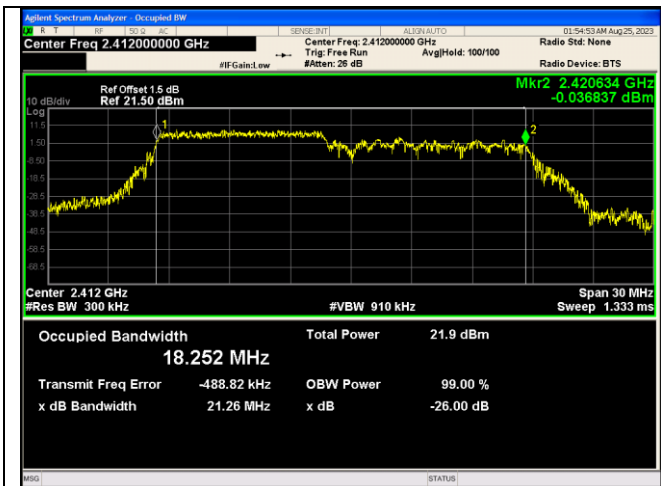


IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 52RU38

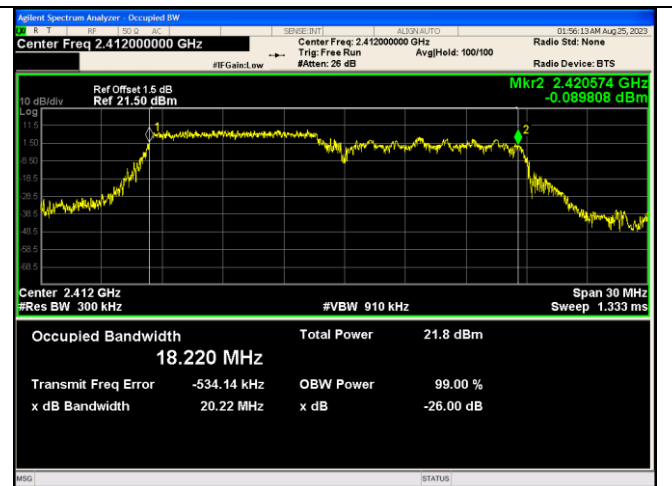


IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 52RU38

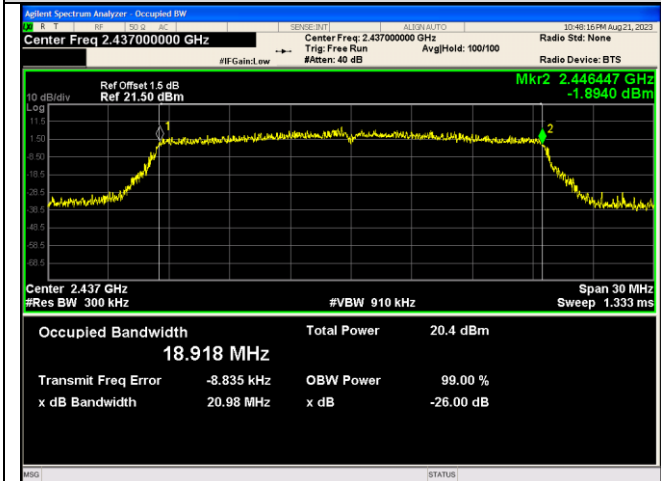




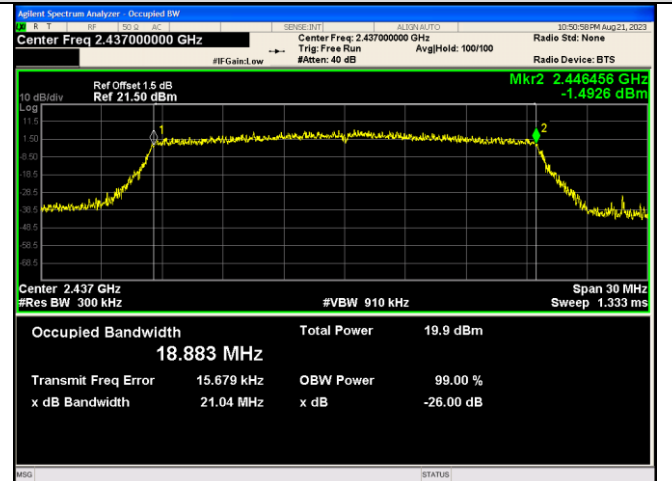
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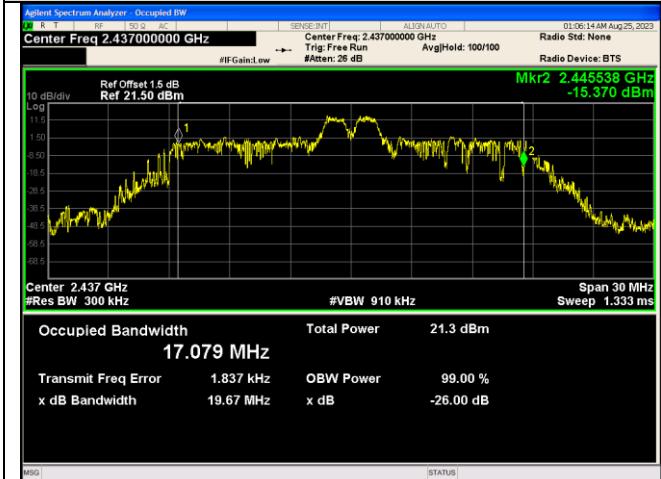
IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 106RU53



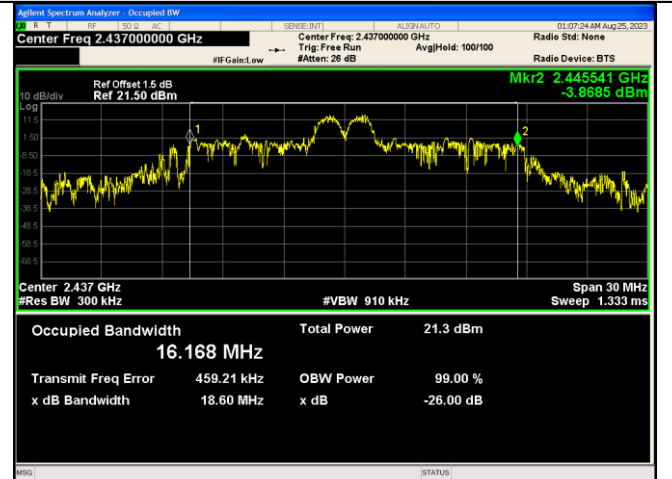
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 242RU61



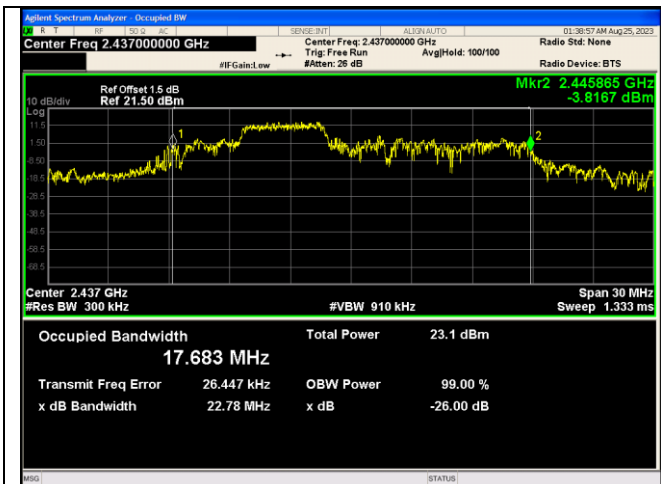
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 242RU61



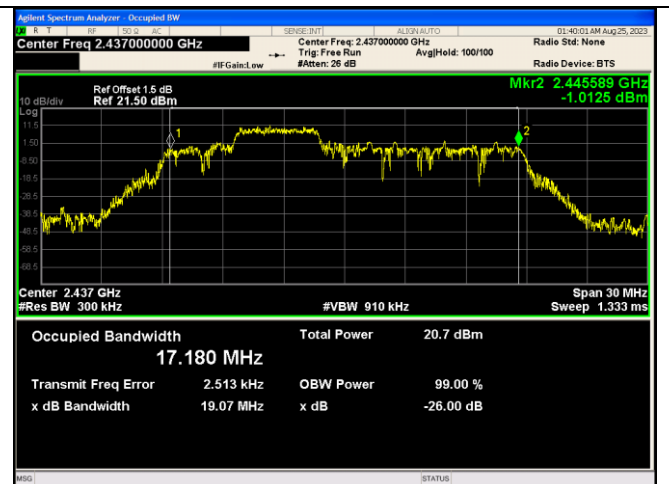
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 26RU4



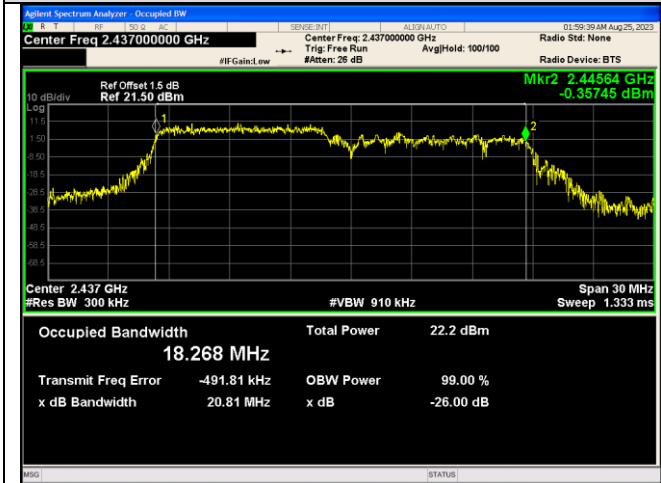
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 26RU4



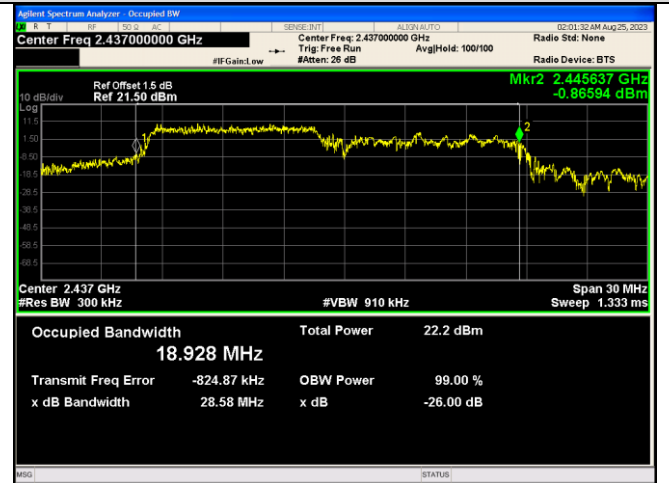
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 52RU38



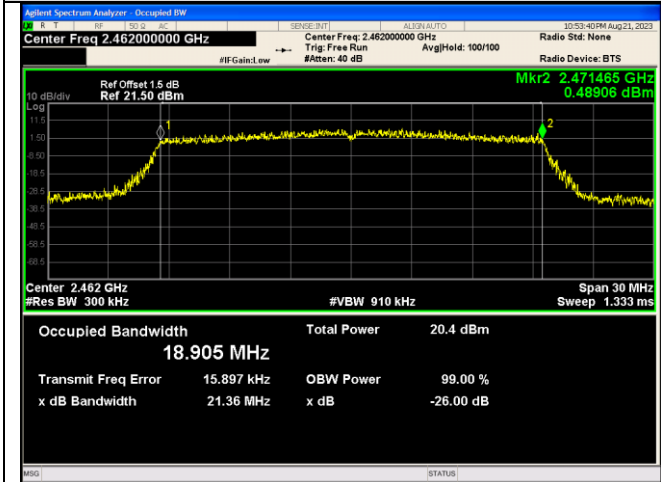
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 52RU38



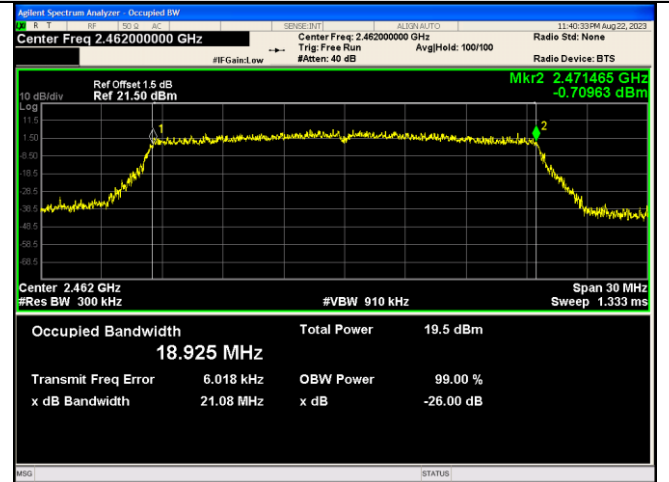
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 106RU53



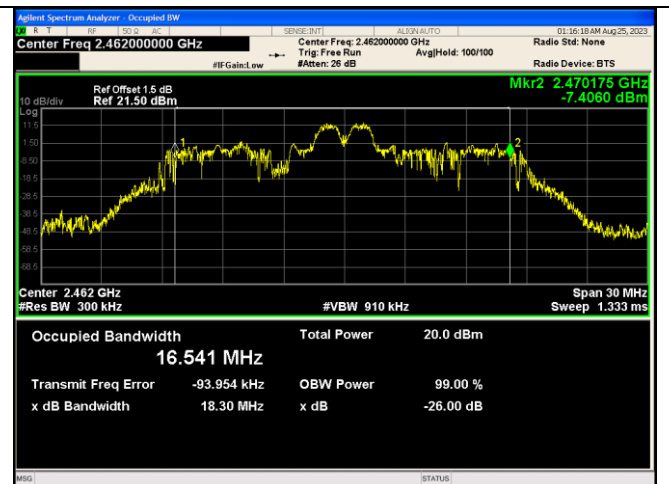
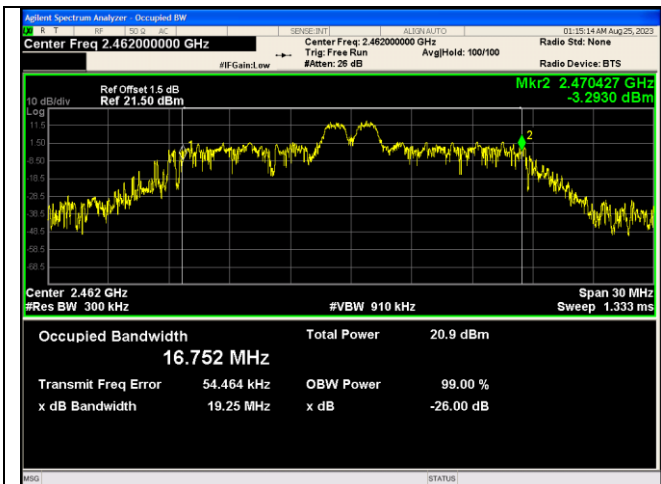
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 106RU53



IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 242RU61

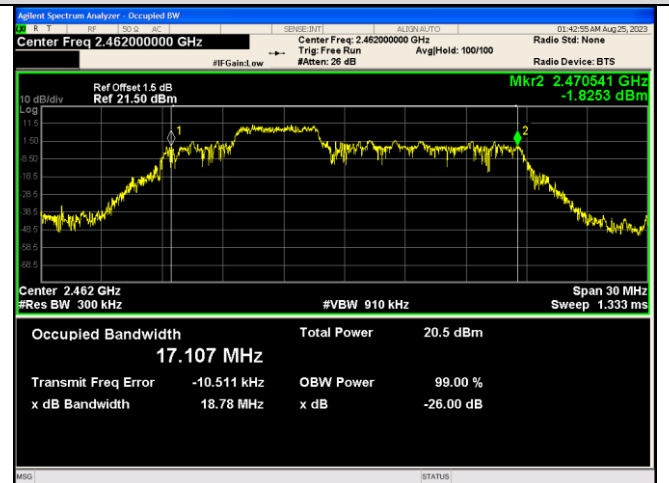
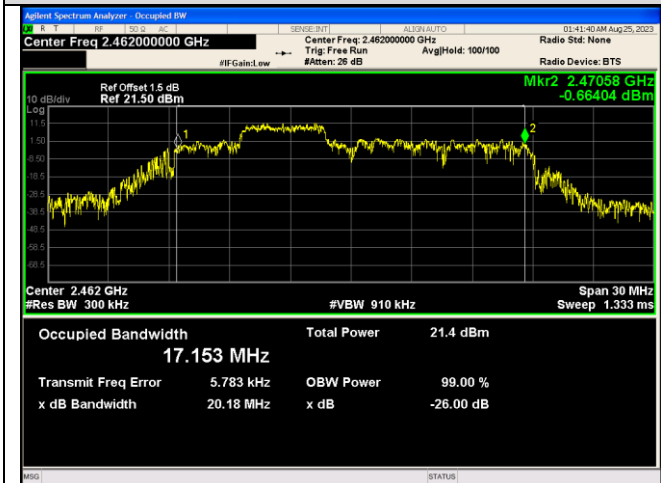


IEEE 802.11ax_Channel 11_20MHz_Antenna 1_RU&Index 242RU61



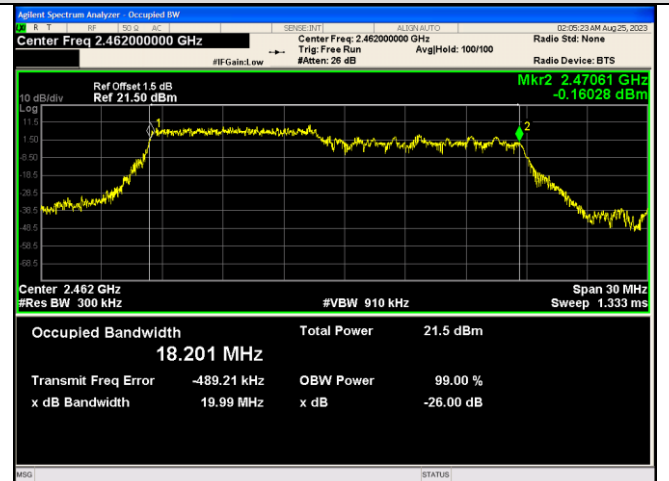
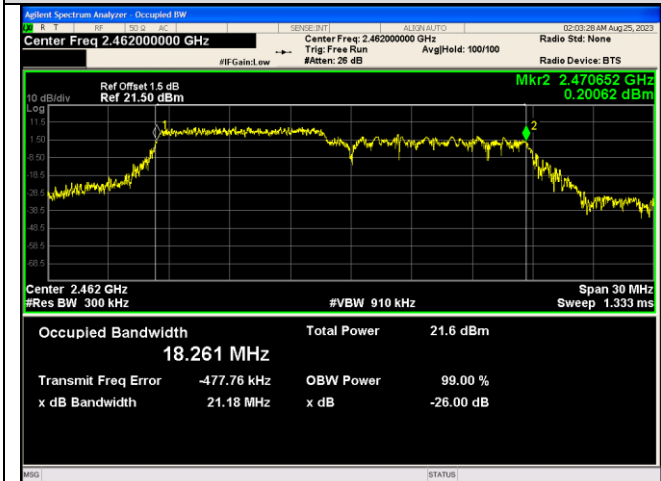
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 26RU4

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

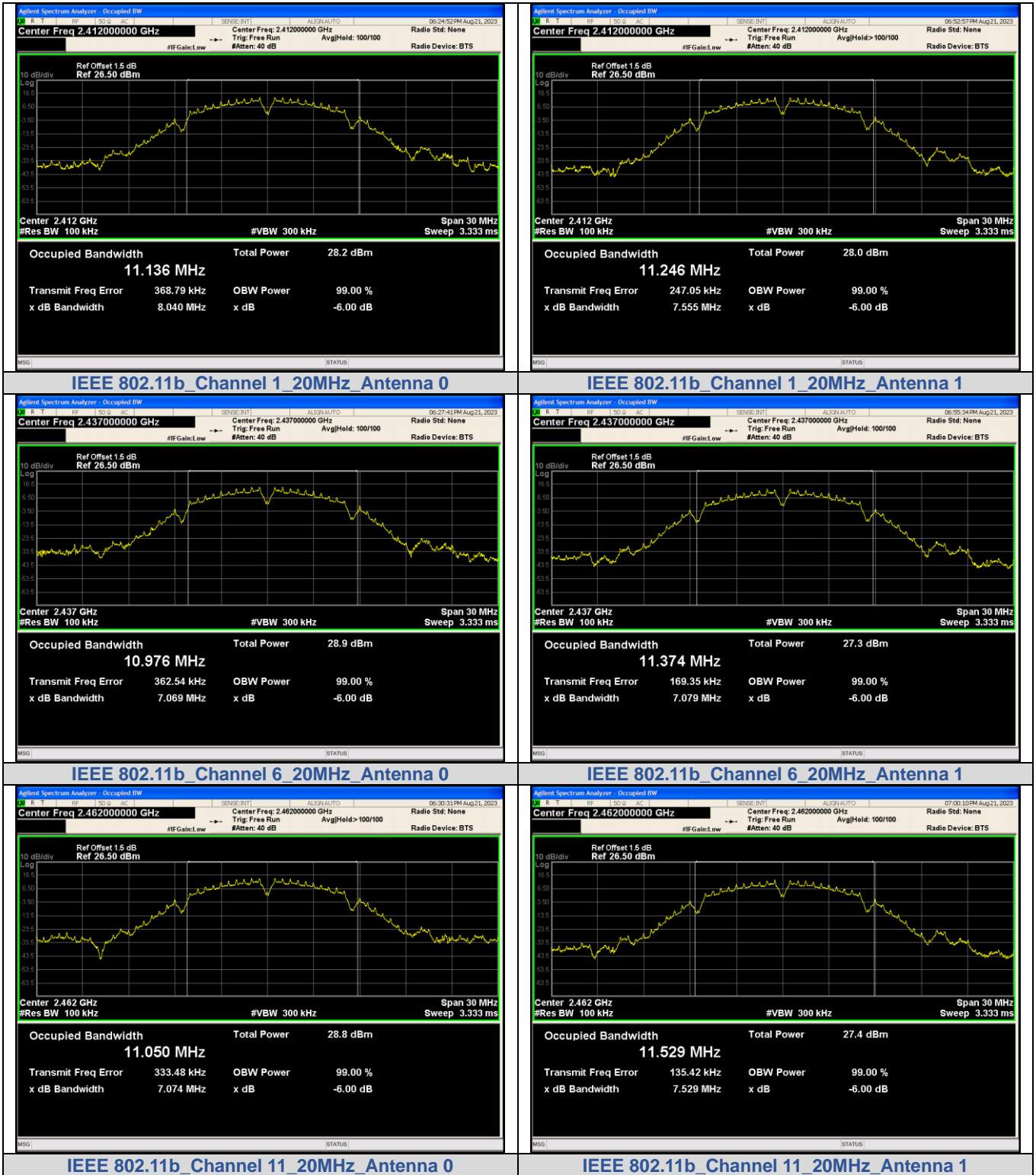


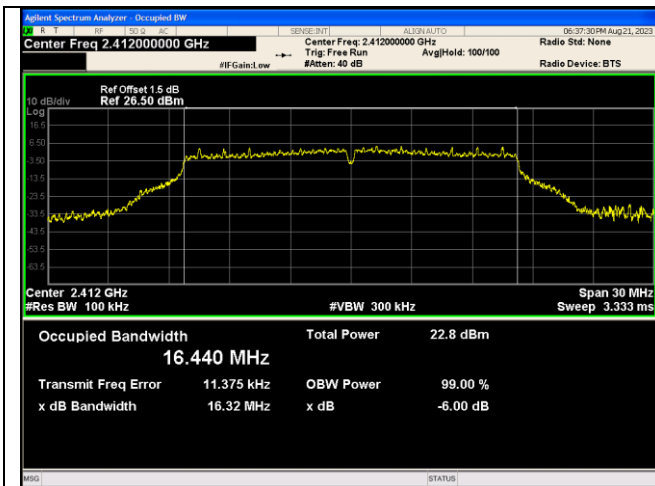
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 106RU53

IEEE 802.11ax_Channel 11_20MHz_Antenna 1_RU&Index 106RU53

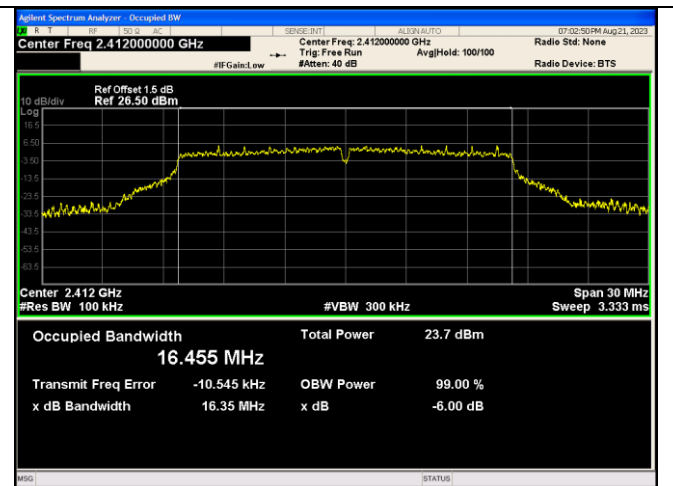


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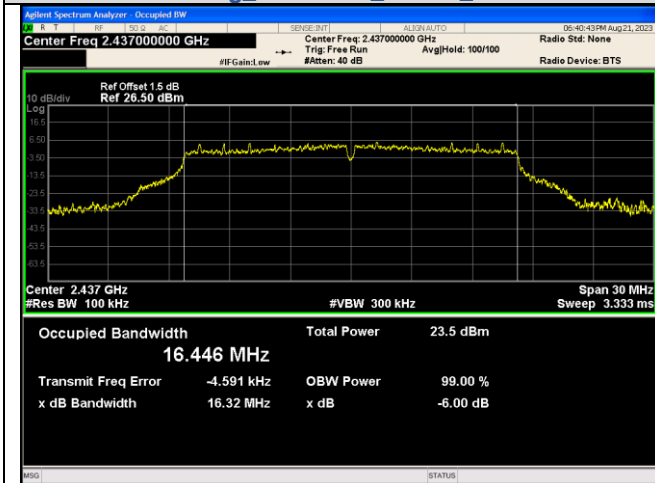




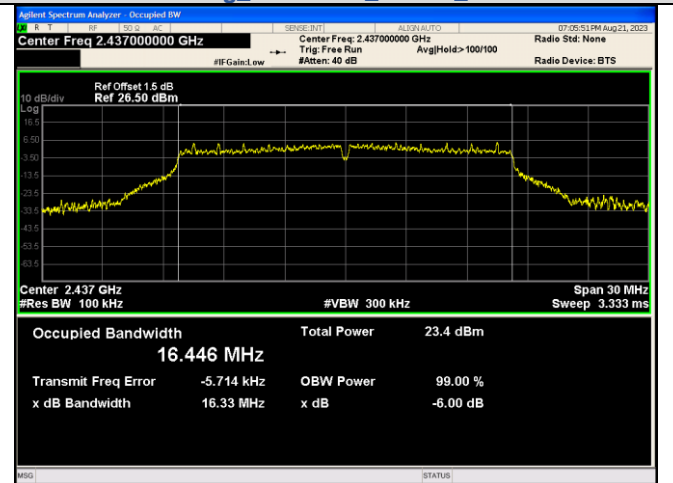
IEEE 802.11g Channel 1 20MHz Antenna 0



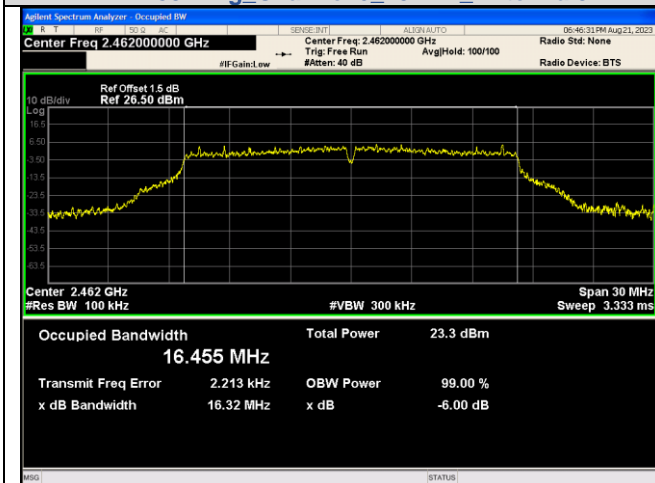
IEEE 802.11g Channel 1 20MHz Antenna 1



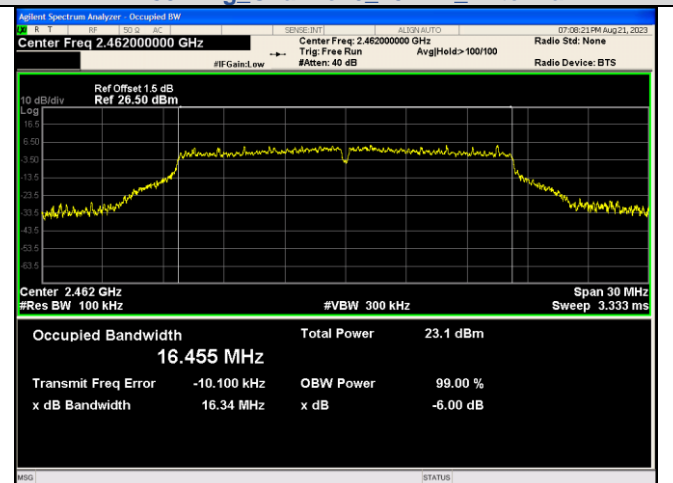
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IEEE 802.11g Channel 6 20MHz Antenna 1

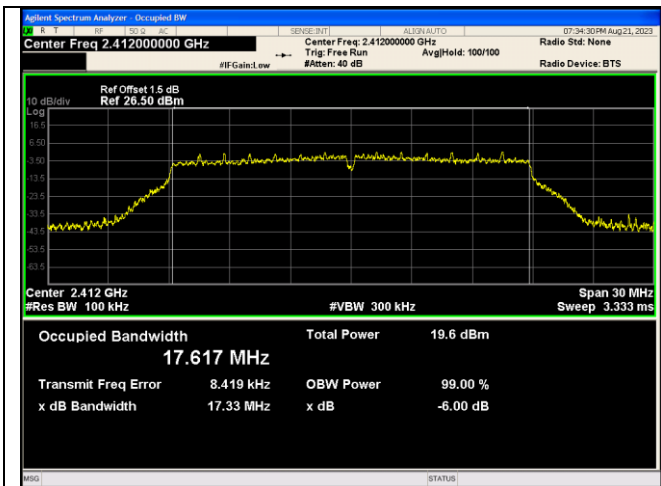


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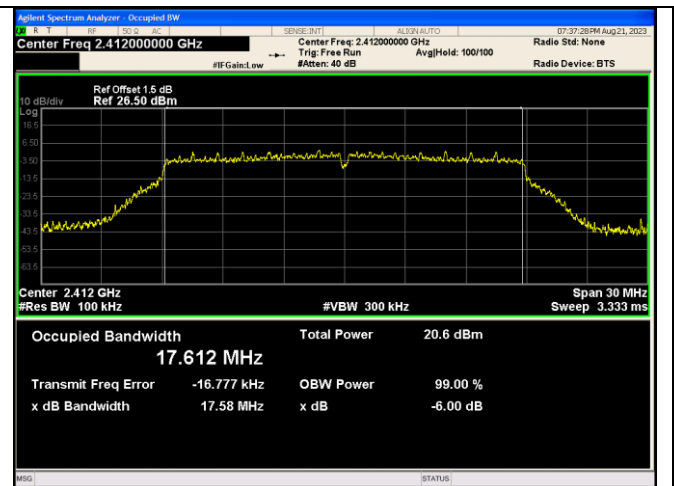


IEEE 802.11g Channel 11 20MHz Antenna 1

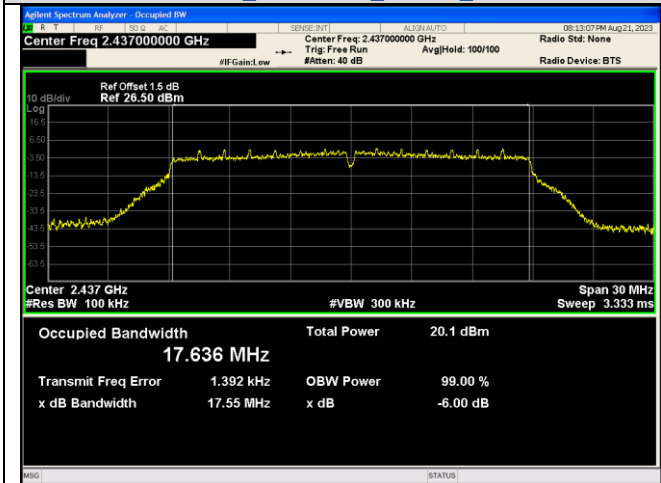




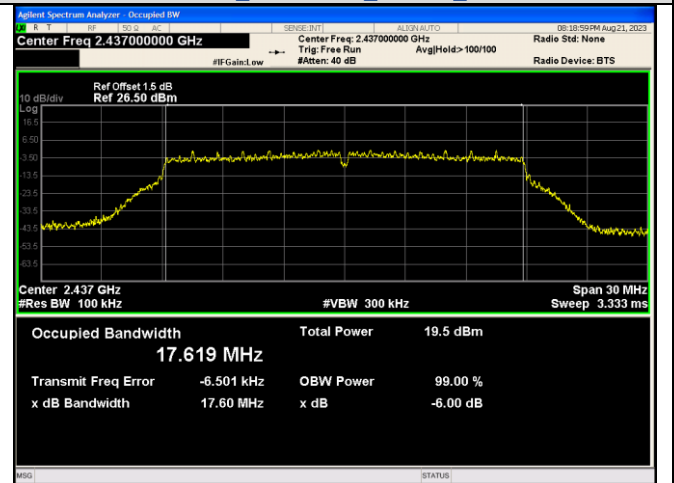
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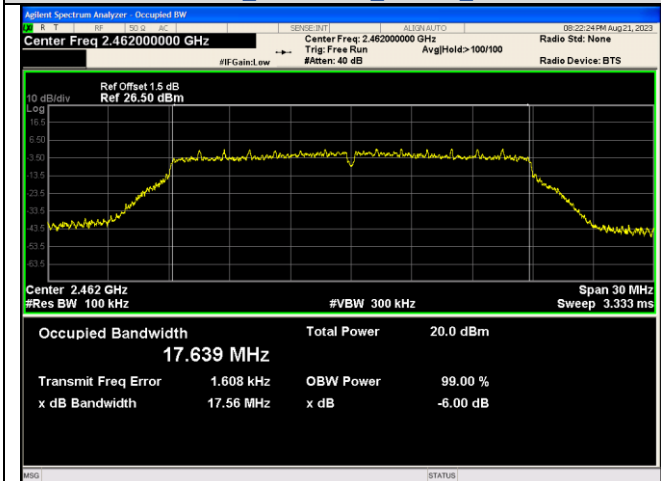
IEEE 802.11n Channel 1 20MHz Antenna 1



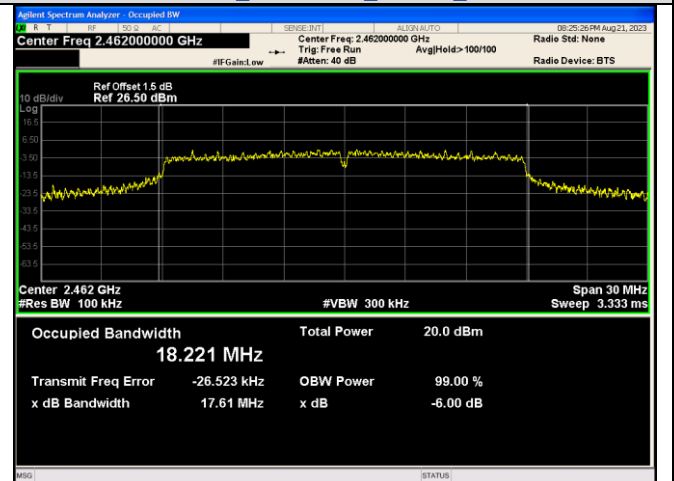
IEEE 802.11n Channel 6 20MHz Antenna 0



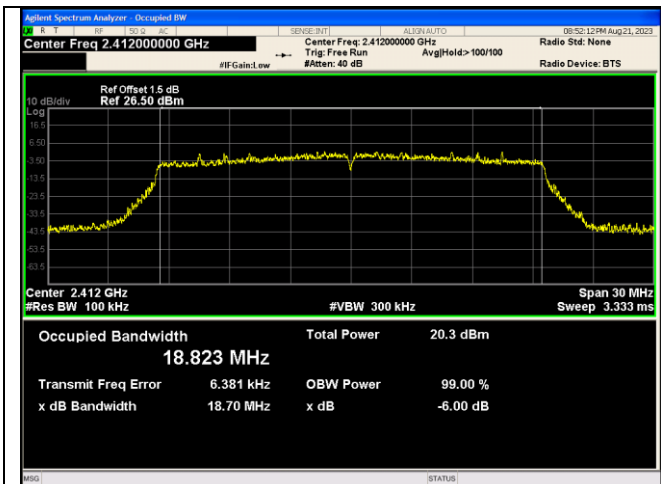
IEEE 802.11n Channel 6 20MHz Antenna 1



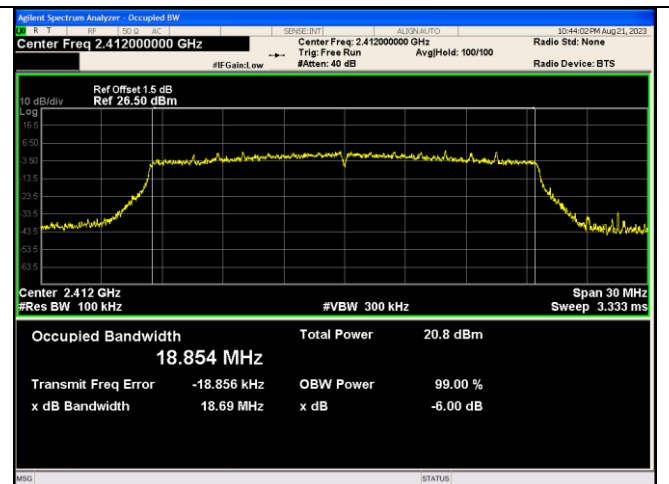
IEEE 802.11n Channel 11 20MHz Antenna 0



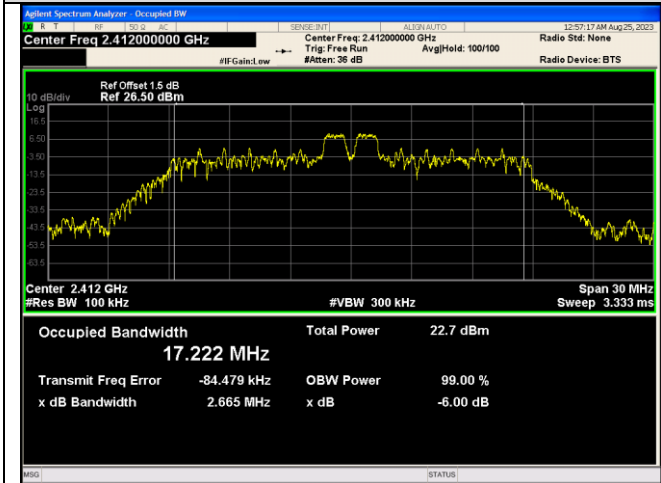
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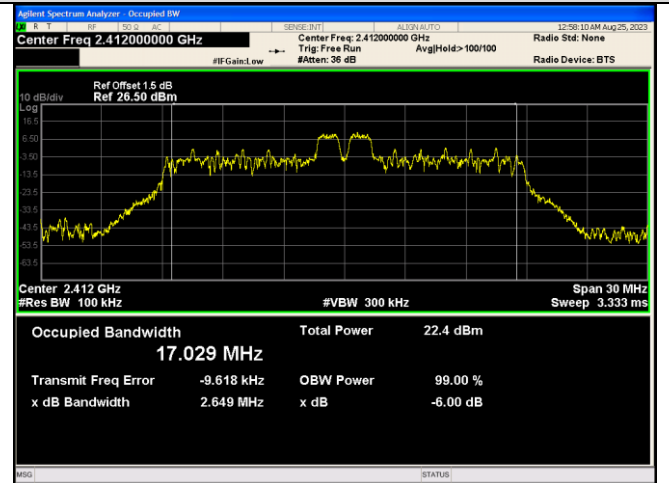
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 242RU61



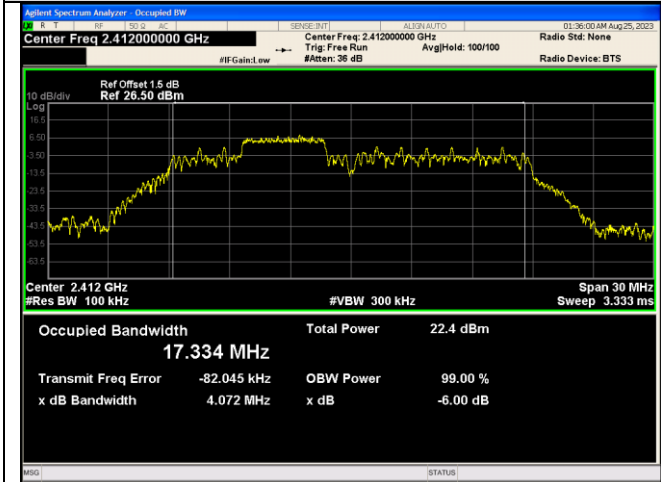
IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 242RU61



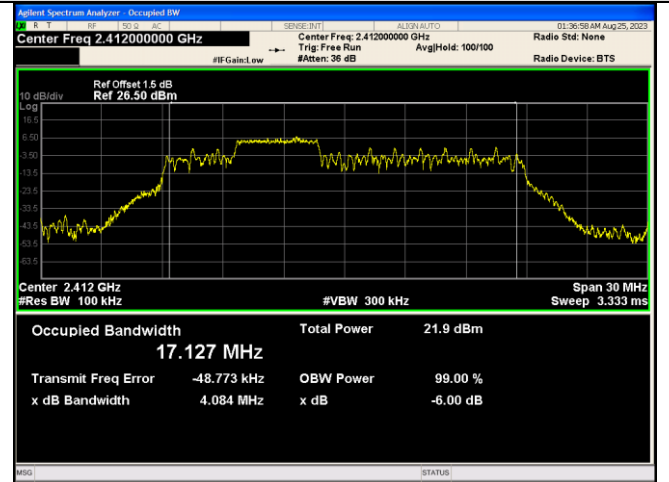
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 26RU4



IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 26RU4

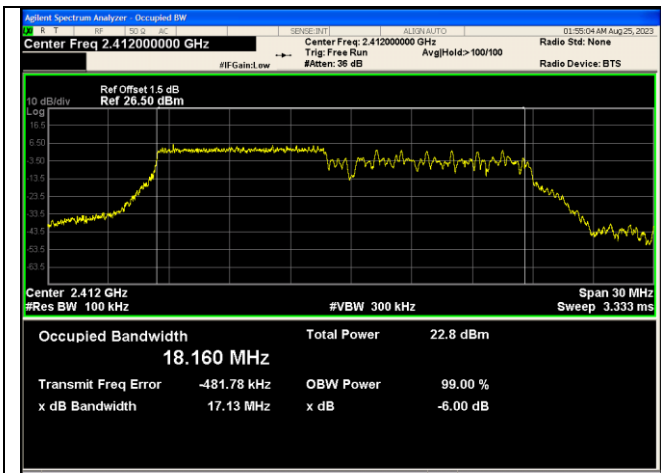


IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 52RU38

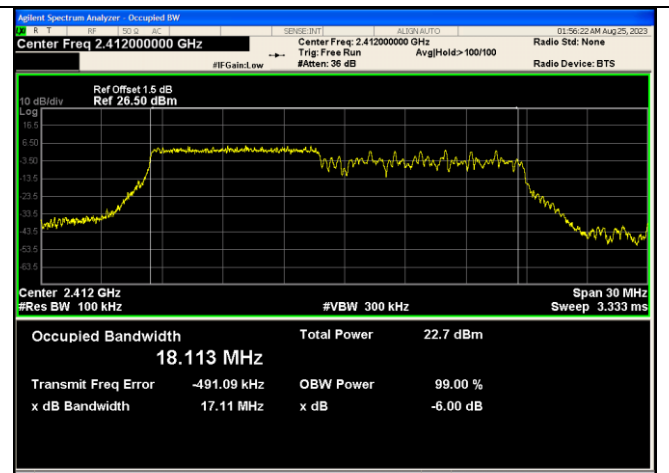


IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 52RU38

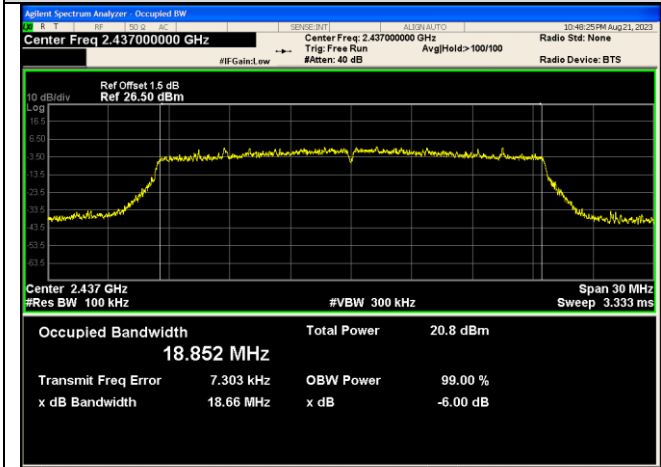




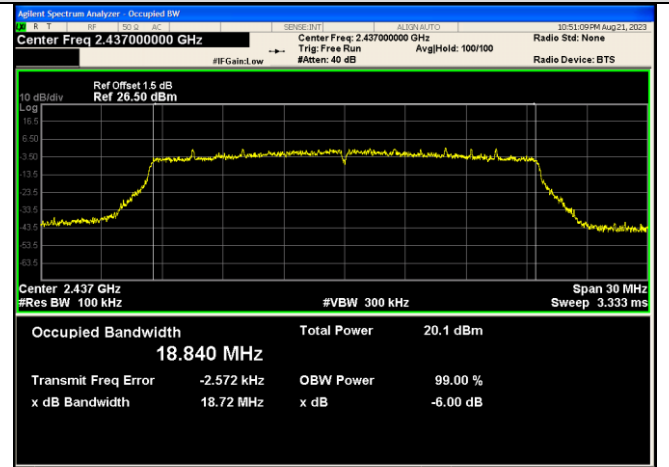
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 106RU53



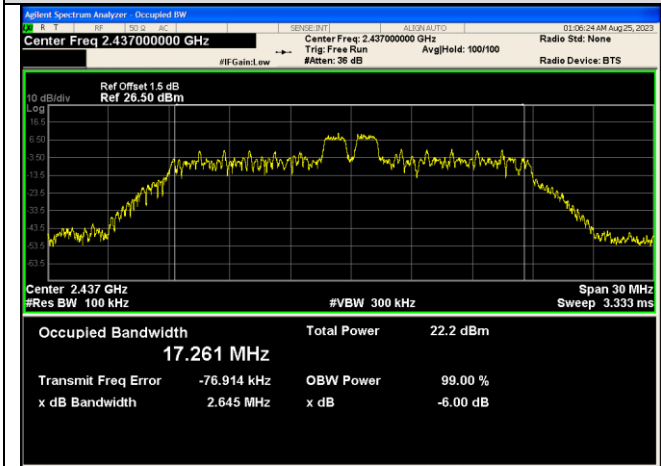
IEEE 802.11ax_Channel 1_20MHz_Antenna 1_RU&Index 106RU53



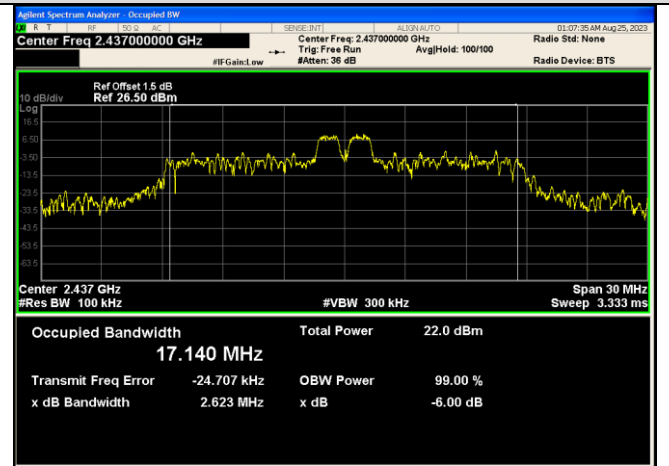
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 242RU61



IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 242RU61

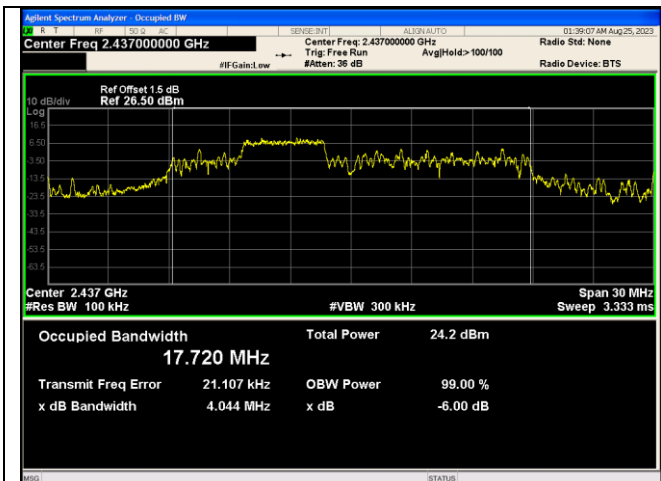


IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 26RU4

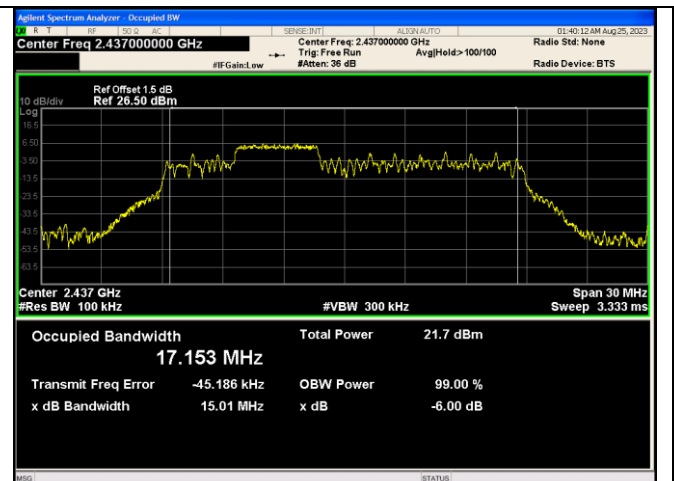


IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 26RU4

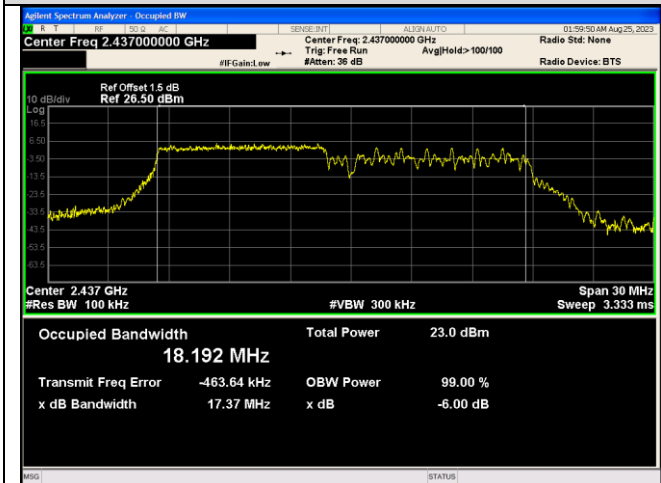




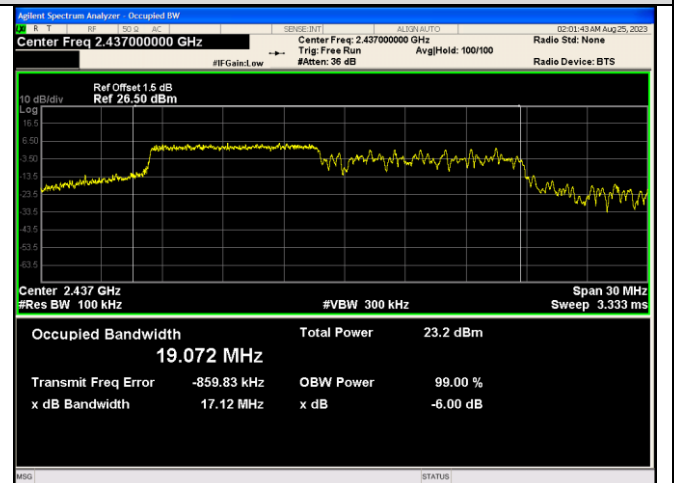
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 52RU38



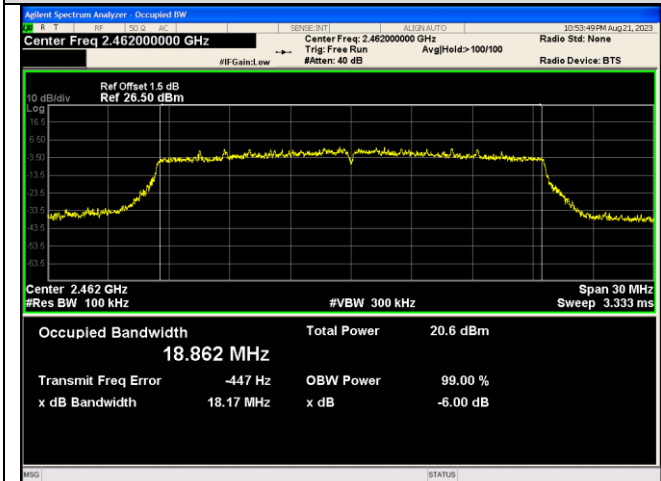
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 52RU38



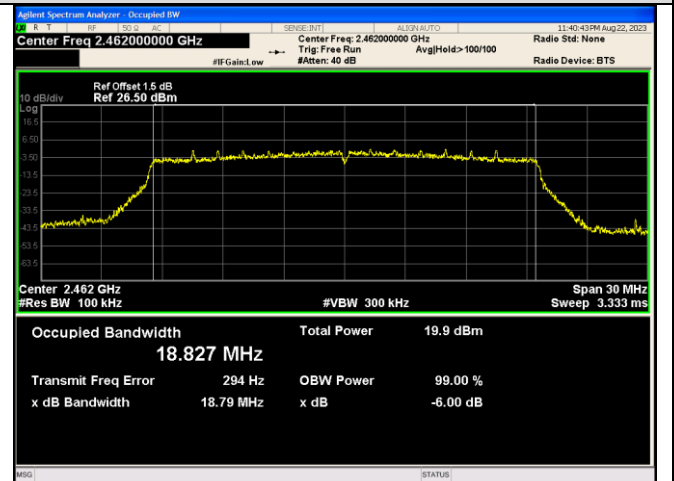
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index 106RU53



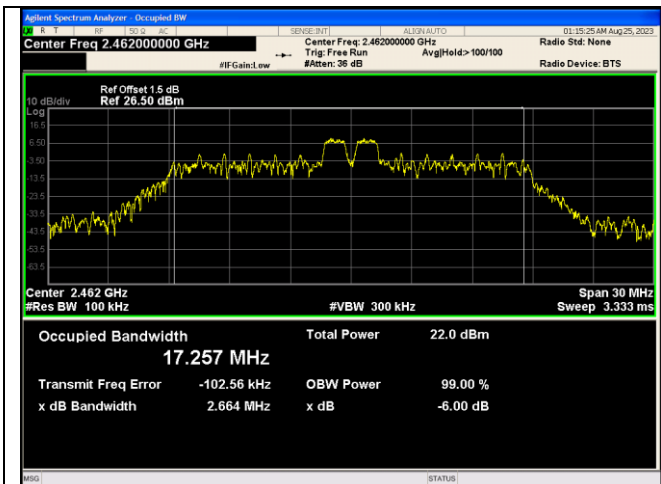
IEEE 802.11ax_Channel 6_20MHz_Antenna 1_RU&Index 106RU53



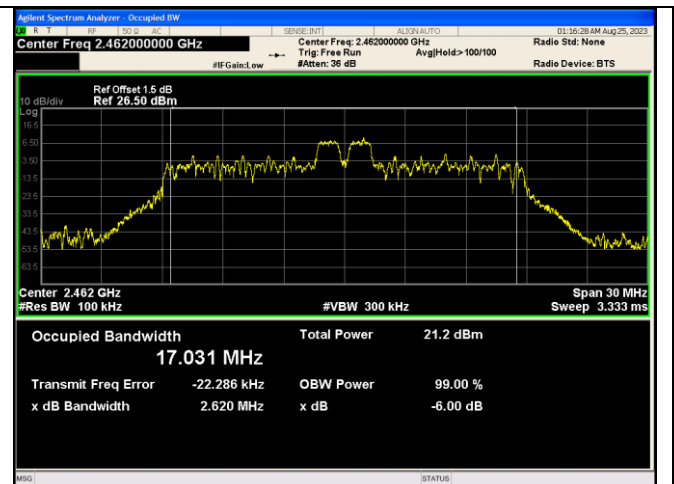
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 242RU61



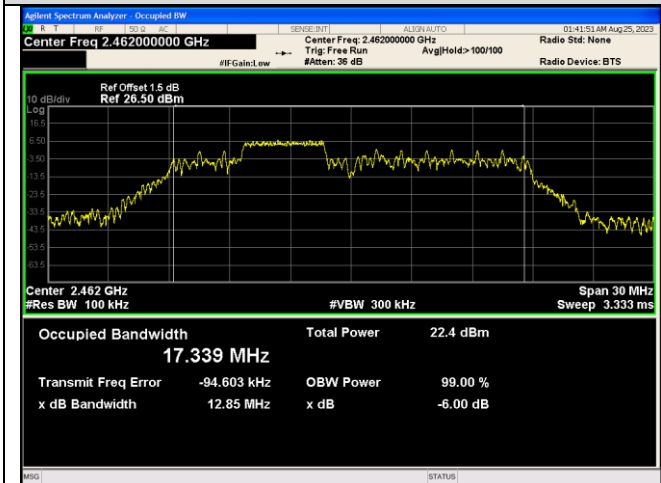
IEEE 802.11ax_Channel 11_20MHz_Antenna 1_RU&Index 242RU61



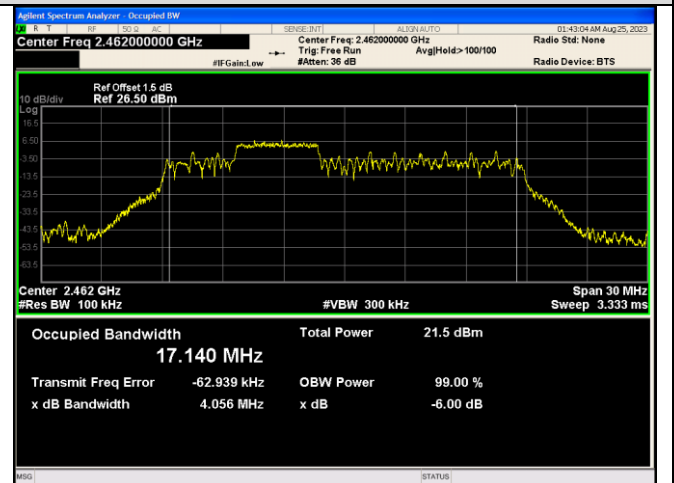
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 26RU4



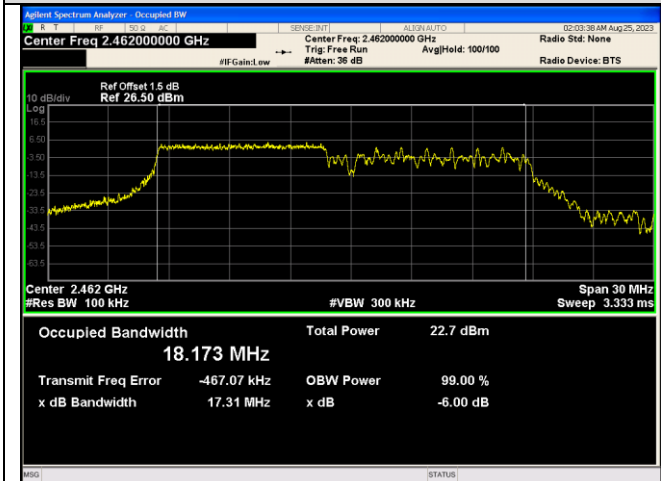
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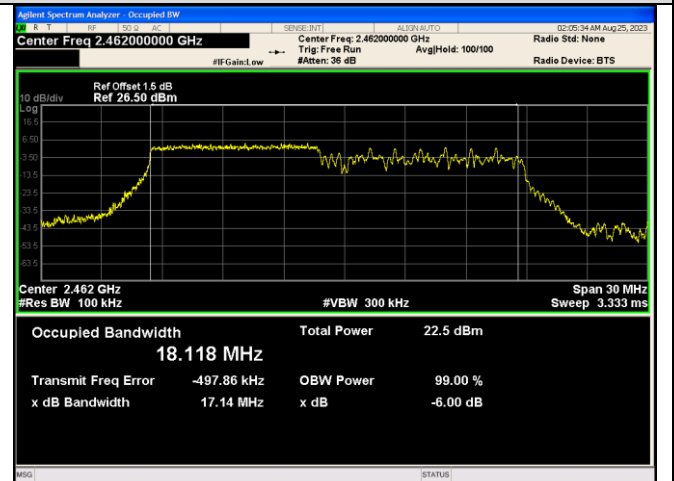
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 52RU38



IEEE 802.11ax_Channel 11_20MHz_Antenna 1_RU&Index 52RU38



IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index 106RU53



IEEE 802.11ax_Channel 11_20MHz_Antenna 1_RU&Index 106RU53



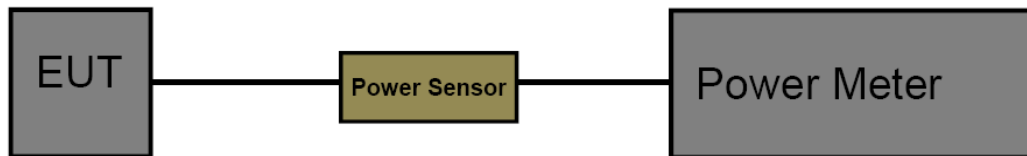
3.6. Output Power

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(3)

Section	Test Item	Limit	Frequency Range (MHz)
FCC CFR 47 Part15.247 (b)(3)	Maximum Conducted Output Power	1 Watt or 30dBm	2400~2483.5

Test Configuration



Test Procedure

1. The maximum conducted output power may be measured using a broadband RF power meter.
2. Power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor.
3. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.
4. Record the measurement data.

Test Mode

Please refer to the clause 2.4.

**Test Result**

Mode	Channel	RU & Index	Ant. 0 (dBm)	Ant. 1 (dBm)	Total (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	N/A	21.241	20.951	N/A	30	PASS
	6		21.854	20.232	N/A	30	PASS
	11		21.780	20.346	N/A	30	PASS
IEEE 802.11g	1		16.516	17.356	N/A	30	PASS
	6		17.085	17.105	N/A	30	PASS
	11		16.917	16.717	N/A	30	PASS
IEEE 802.11n_20	1		13.144	13.751	16.47	29.44	PASS
	6		13.550	12.701	16.16	29.44	PASS
	11		13.531	13.594	16.57	29.44	PASS
IEEE 802.11ax_20	1	242RU61	13.499	14.113	16.83	29.44	PASS
		26RU0	13.271	12.826	16.06	29.44	PASS
		26RU4	13.666	13.507	16.60	29.44	PASS
		26RU8	13.070	12.304	15.71	29.44	PASS
		52RU37	13.815	13.301	16.58	29.44	PASS
		52RU38	12.996	12.665	15.84	29.44	PASS
		52RU40	13.187	12.828	16.02	29.44	PASS
		106RU53	12.944	12.652	15.81	29.44	PASS
	106RU54	13.090	12.889	16.00	29.44	PASS	
	6	242RU61	13.900	13.429	16.68	29.44	PASS
		26RU0	13.315	13.681	16.51	29.44	PASS
		26RU4	13.102	13.219	16.17	29.44	PASS
		26RU8	13.088	11.769	15.49	29.44	PASS
		52RU37	13.583	12.861	16.25	29.44	PASS
		52RU38	14.654	12.565	16.74	29.44	PASS
		52RU40	13.315	13.243	16.29	29.44	PASS
		106RU53	13.070	13.247	16.17	29.44	PASS
	106RU54	13.282	12.388	15.87	29.44	PASS	
	11	242RU61	13.815	13.205	16.53	29.44	PASS
		26RU0	13.342	12.856	16.12	29.44	PASS
		26RU4	13.169	11.925	15.60	29.44	PASS
		26RU8	12.578	12.105	15.36	29.44	PASS
		52RU37	13.378	12.721	16.07	29.44	PASS
		52RU38	13.012	12.213	15.64	29.44	PASS
52RU40		13.075	12.090	15.62	29.44	PASS	
106RU53		12.897	12.518	15.72	29.44	PASS	
106RU54	13.292	12.592	15.97	29.44	PASS		



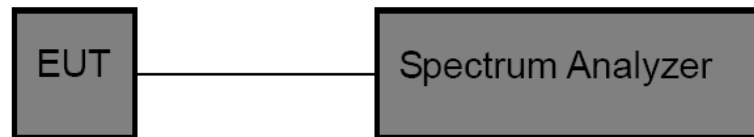
3.7. Power Spectral Density

Limit

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

Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	8 dBm (in any 3 kHz)	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. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05r02.
3. Spectrum Setting:
Set analyzer center frequency to DTS channel center frequency.
Set the span to 1.5 times the DTS bandwidth.
Set the RBW to: 3 kHz.
Set the VBW to: 10 kHz.
Detector: peak.
Sweep time: auto.
Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

Test Mode

Please refer to the clause 2.4.

**Test Result**

Mode	Channel	RU & Index	PSD (dBm/3kHz) Ant. 0	PSD (dBm/3kHz) Ant. 1	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result	
IEEE 802.11b	1	N/A	-0.661	-0.687	N/A	8	PASS	
	6		0.237	-0.775	N/A	8	PASS	
	11		0.050	-1.648	N/A	8	PASS	
IEEE 802.11g	1		-7.088	-6.021	N/A	8	PASS	
	6		-7.153	-7.406	N/A	8	PASS	
	11		-6.922	-6.837	N/A	8	PASS	
IEEE 802.11n_20	1		-11.137	-10.686	-7.9	7.44	PASS	
	6		-11.229	-10.818	-8.01	7.44	PASS	
	11		-11.007	-11.206	-8.1	7.44	PASS	
IEEE 802.11ax_20	1		242RU61	-11.454	-10.861	-8.14	7.44	PASS
			26RU4	-2.425	-3.301	0.17	7.44	PASS
		52RU38	-6.894	-6.865	-3.87	7.44	PASS	
		106RU53	-8.945	-9.002	-5.96	7.44	PASS	
	6	242RU61	-10.163	-11.515	-7.78	7.44	PASS	
		26RU4	-3.985	-4.982	-1.44	7.44	PASS	
		52RU38	-4.941	-7.164	-2.9	7.44	PASS	
		106RU53	-9.871	-9.144	-6.48	7.44	PASS	
	11	242RU61	-11.676	-11.732	-8.69	7.44	PASS	
		26RU4	-3.598	-5.738	-1.53	7.44	PASS	
		52RU38	-5.970	-7.344	-3.59	7.44	PASS	
		106RU53	-8.372	-9.455	-5.87	7.44	PASS	



Test plot as follows:

