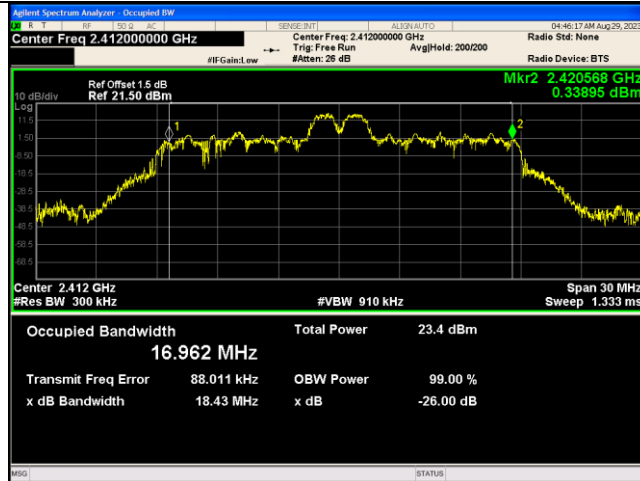
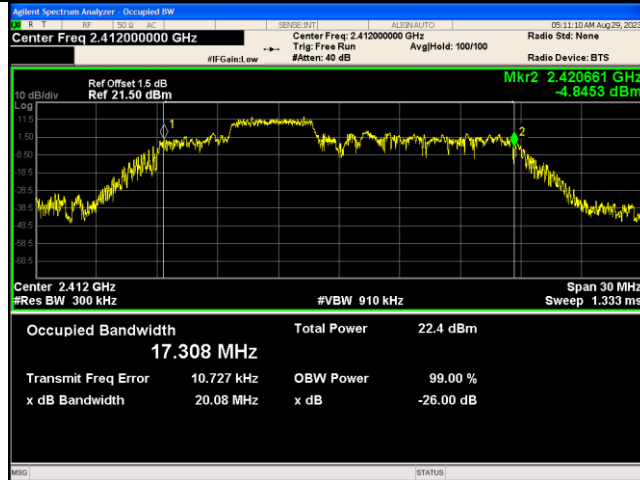
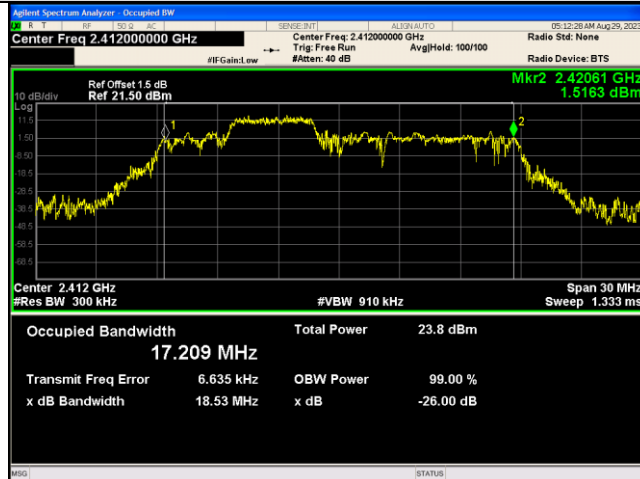




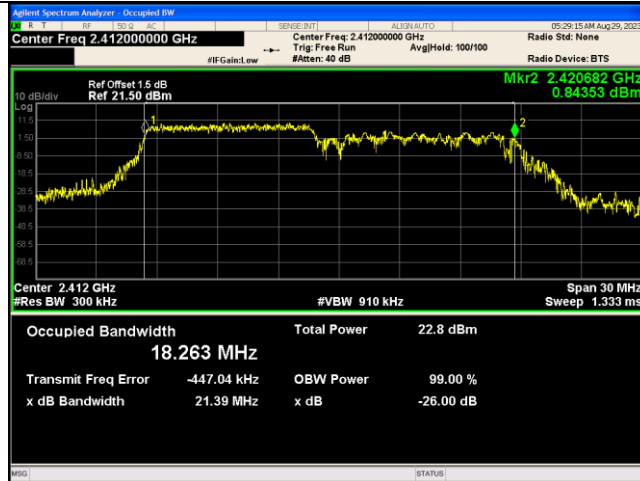
IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 26RU4



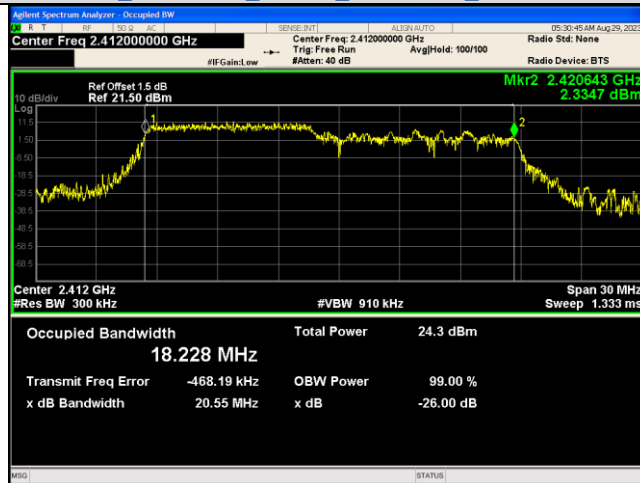
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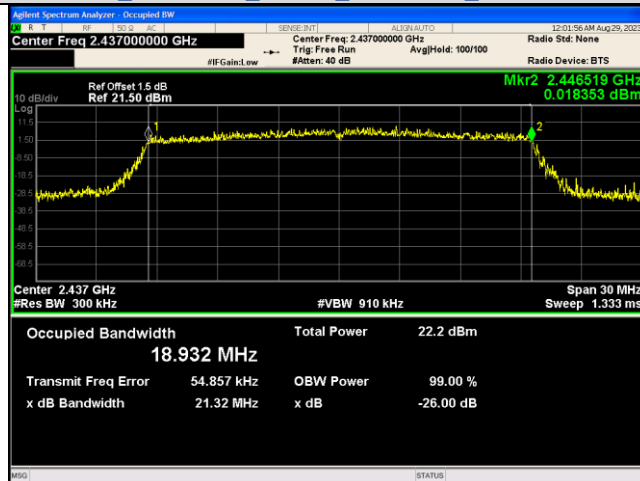
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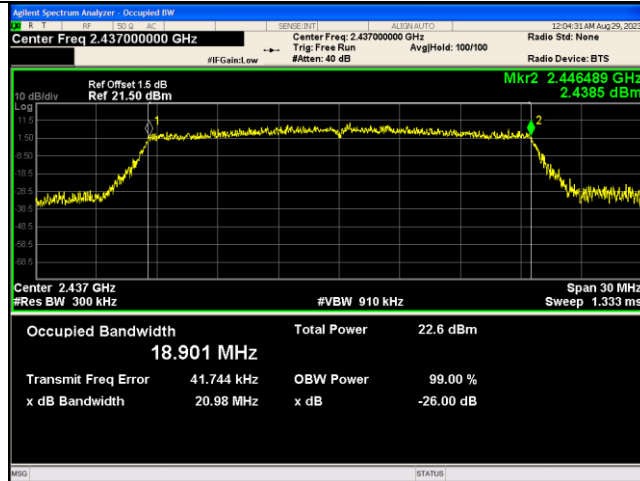
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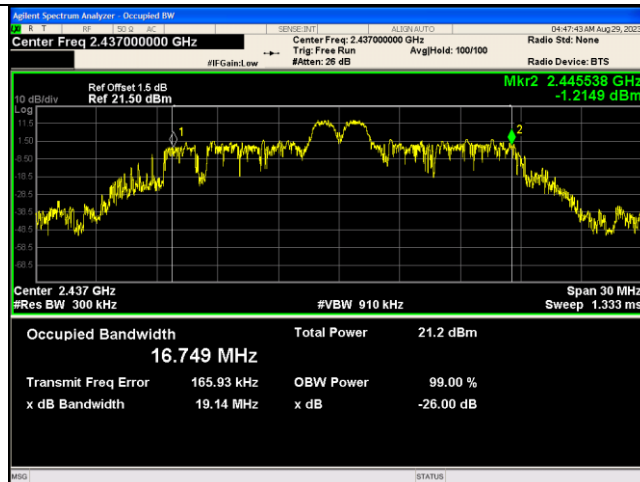
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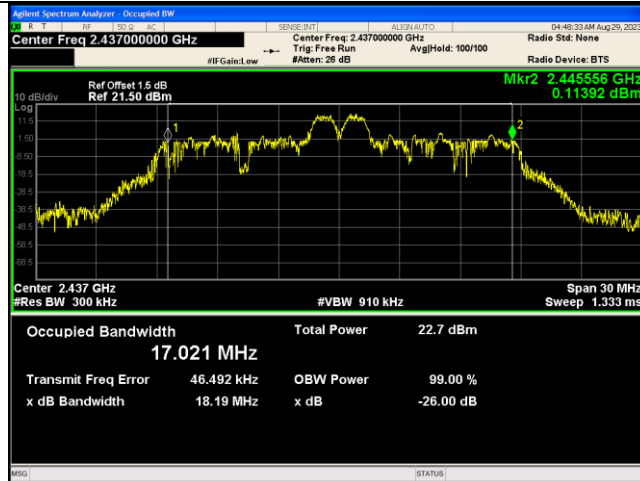
IEEE 802.11ax Channel 6 20MHz Antenna 0 RU&Index 242RU61



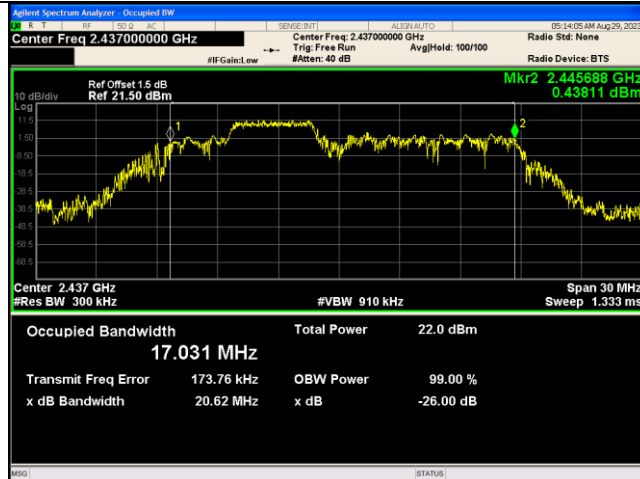
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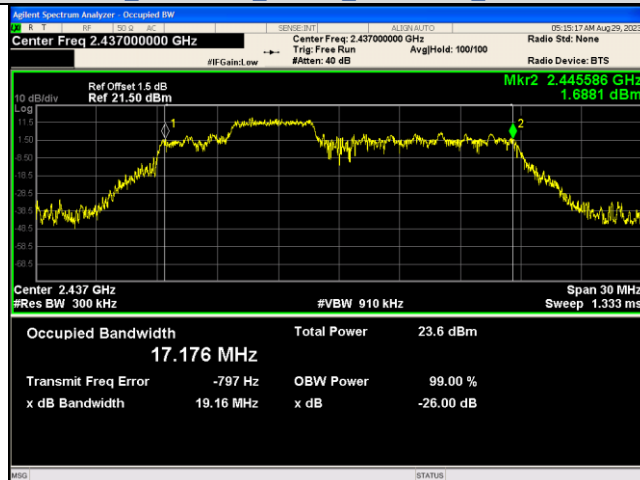
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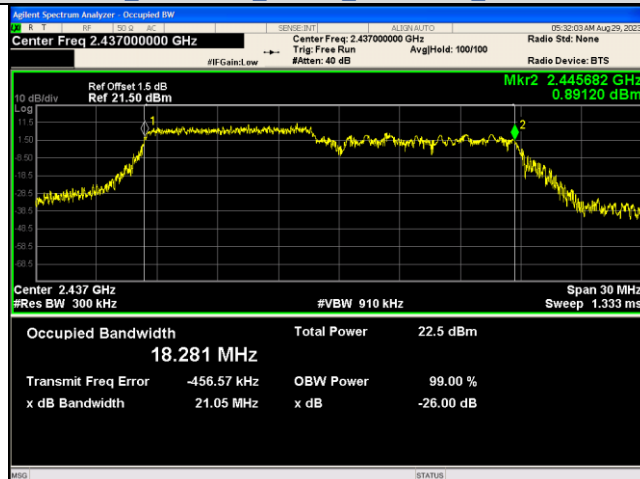
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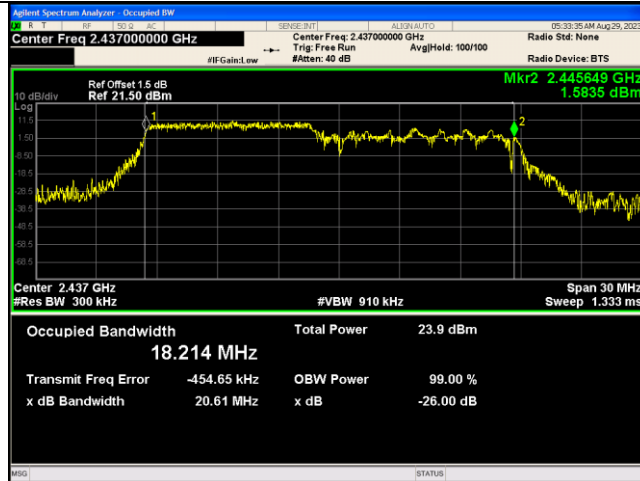
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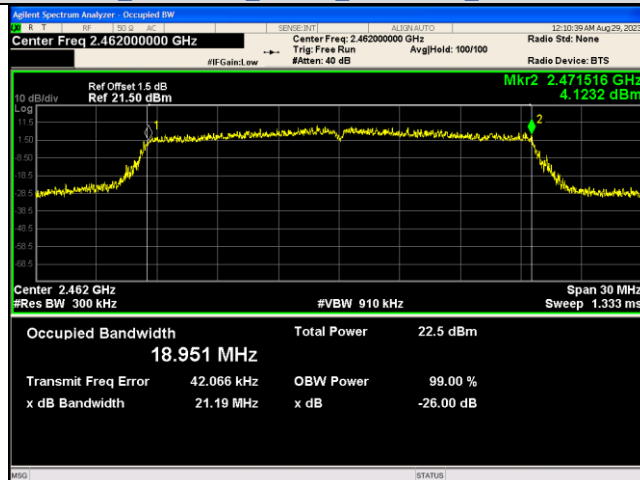
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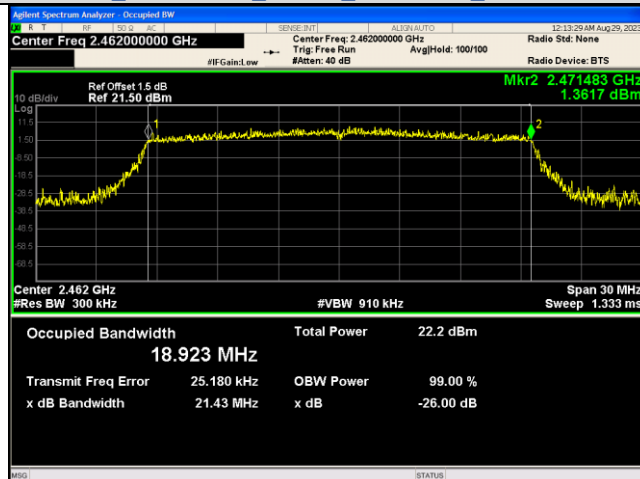
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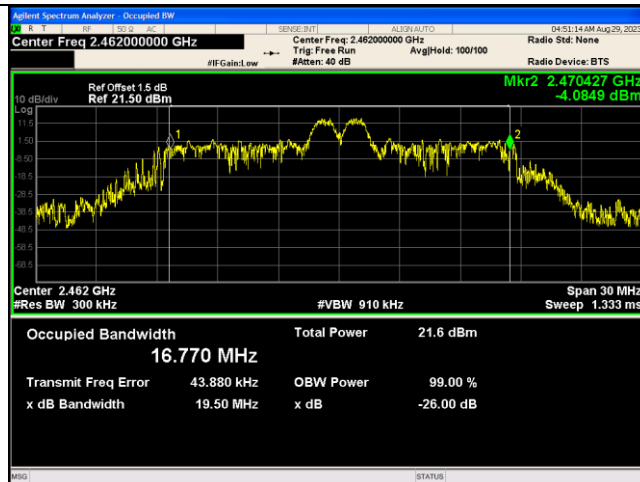
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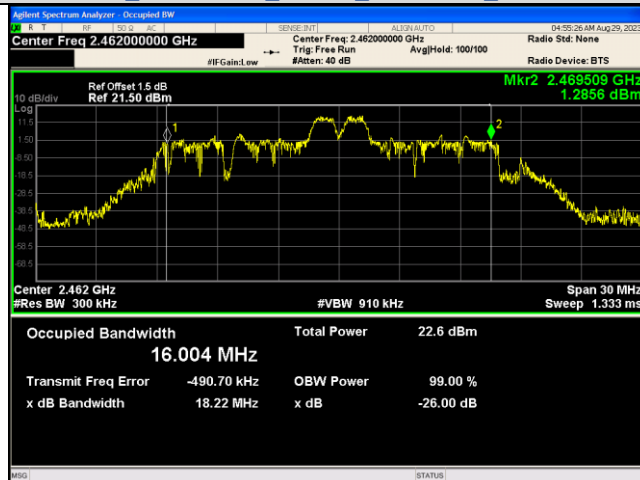
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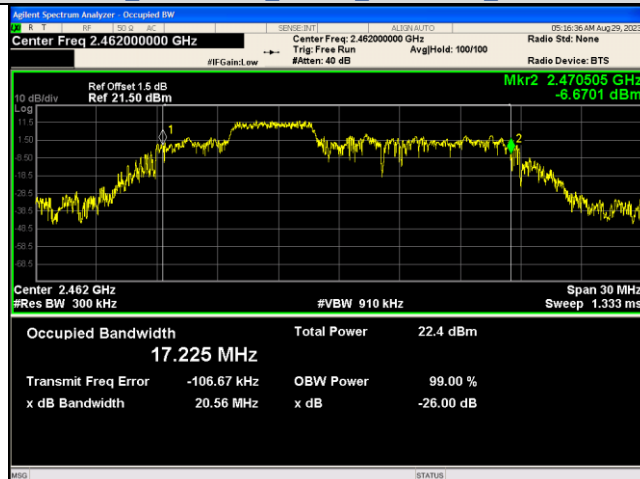
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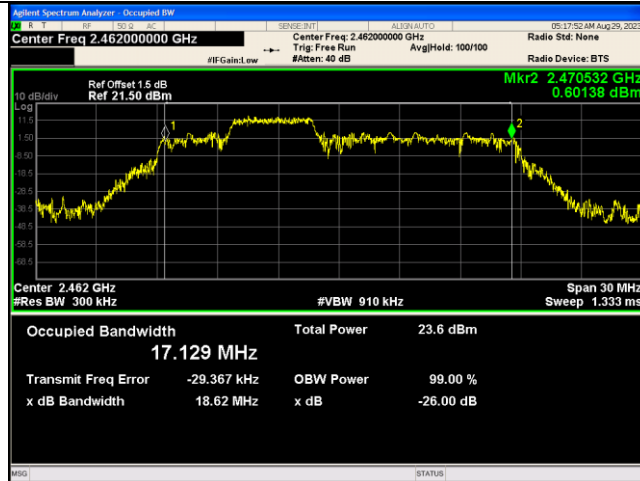
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 26RU4



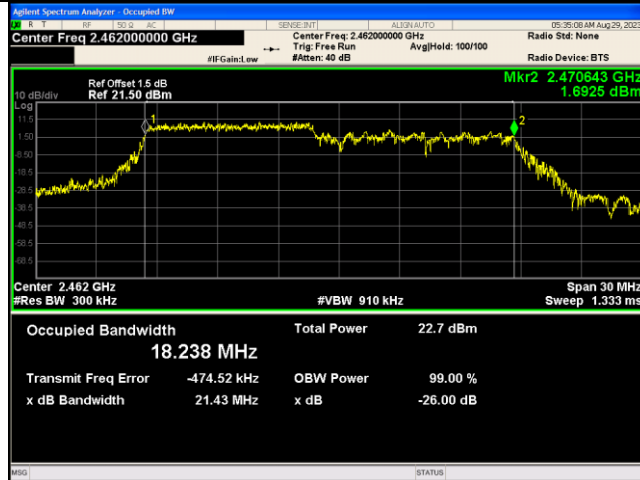
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 26RU4



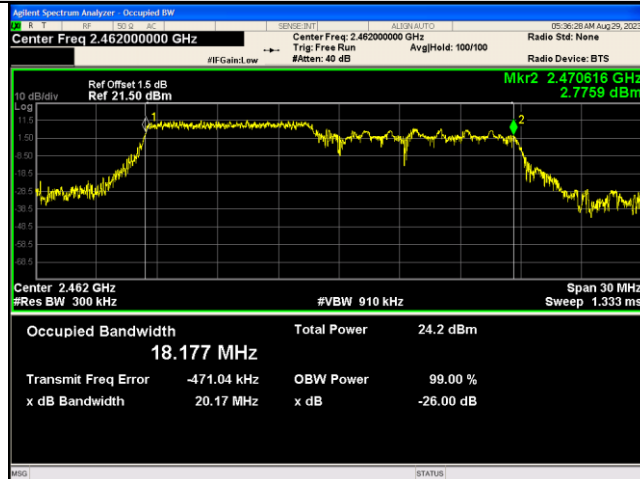
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 52RU38



IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 52RU38



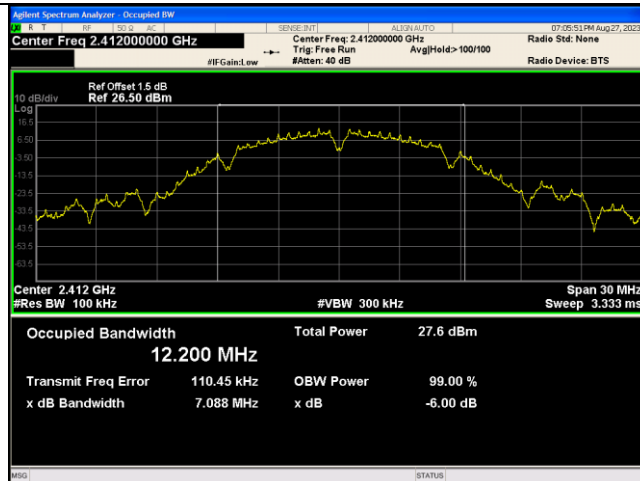
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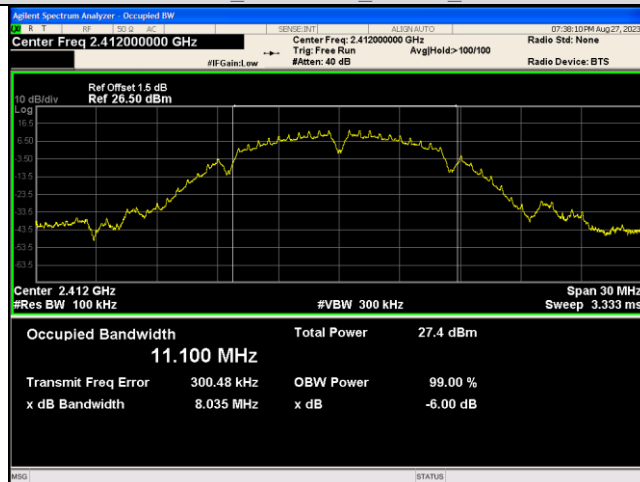
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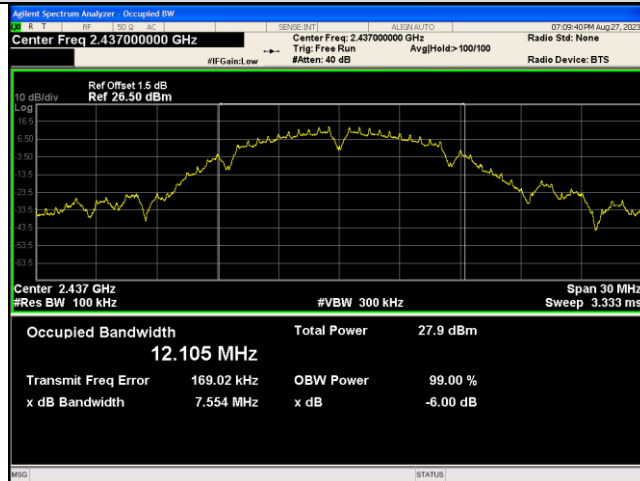
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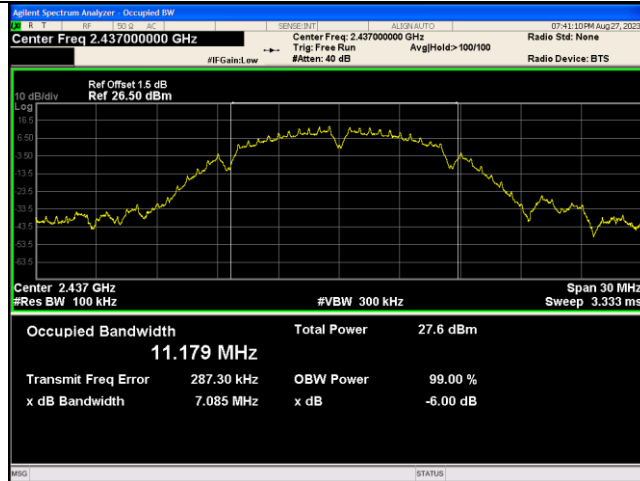
IEEE 802.11b Channel 1 20MHz Antenna 0



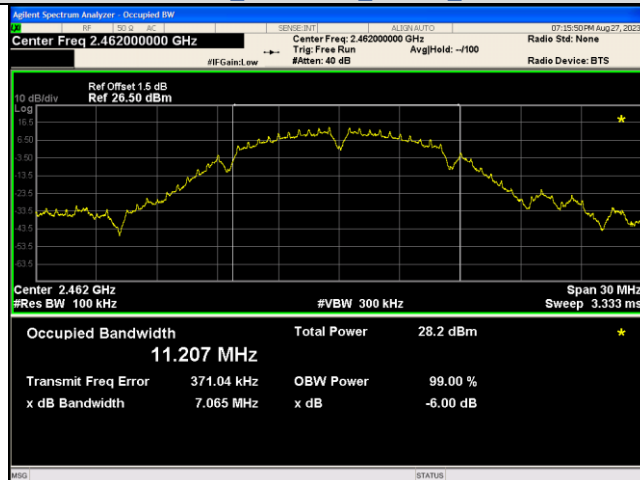
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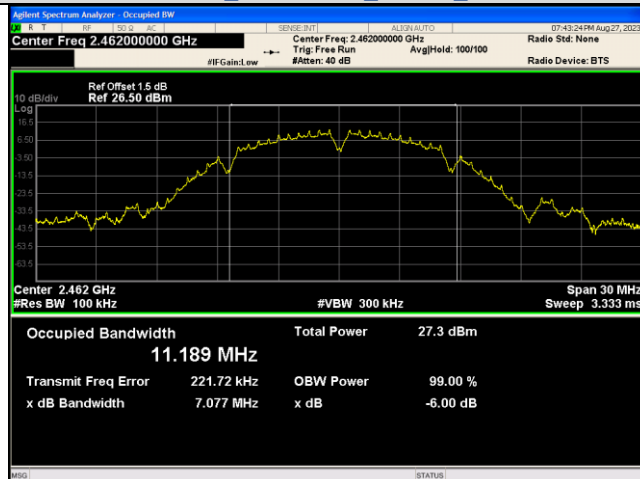
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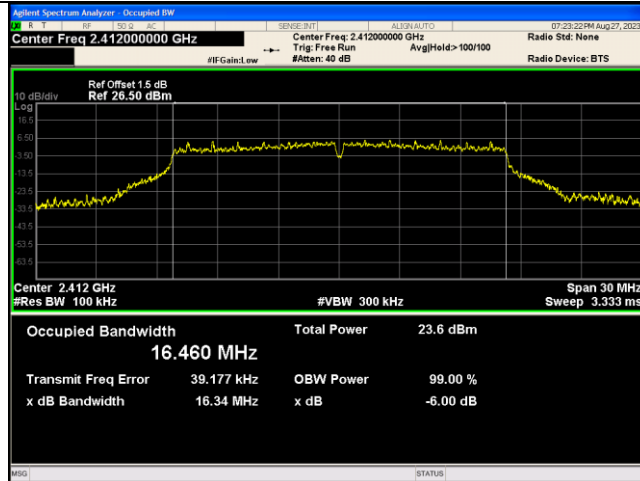
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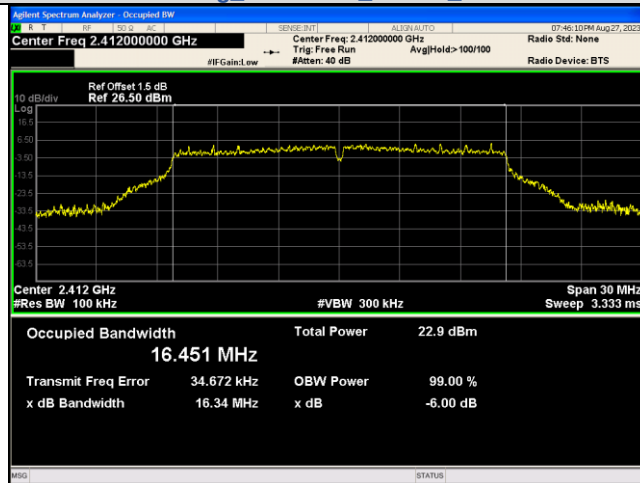
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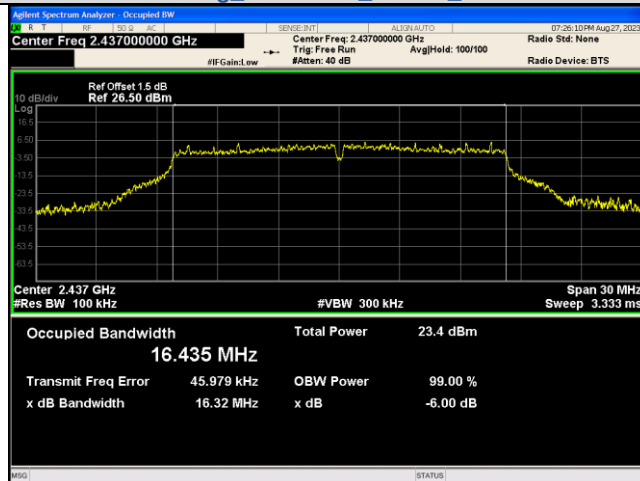
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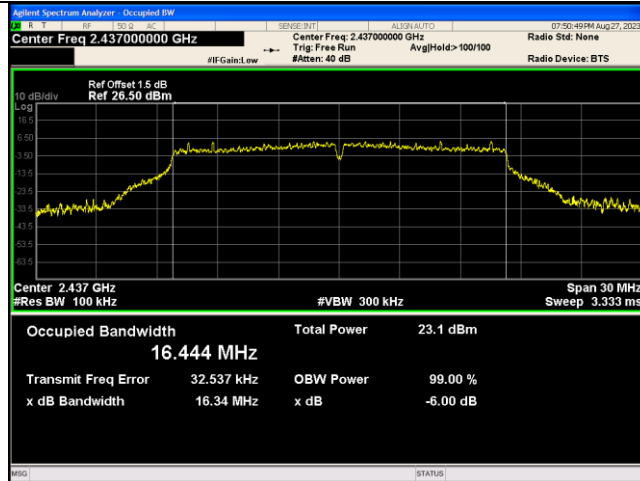
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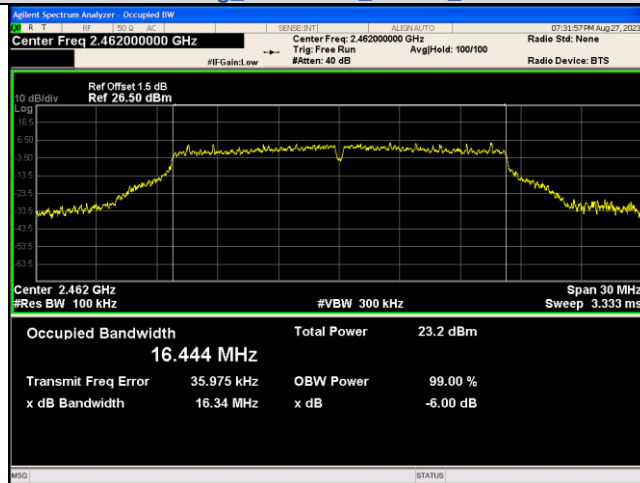
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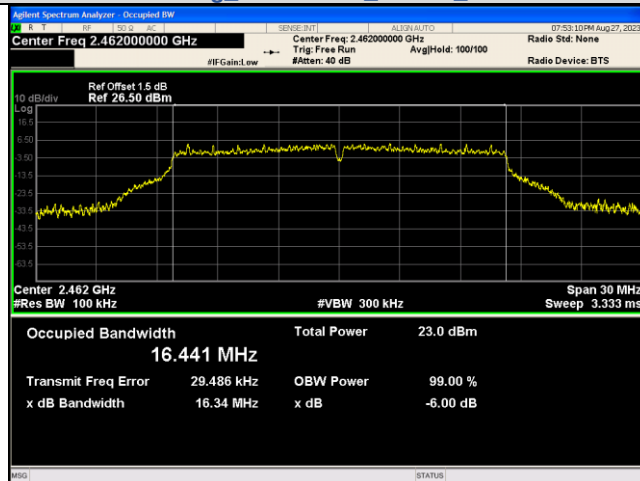
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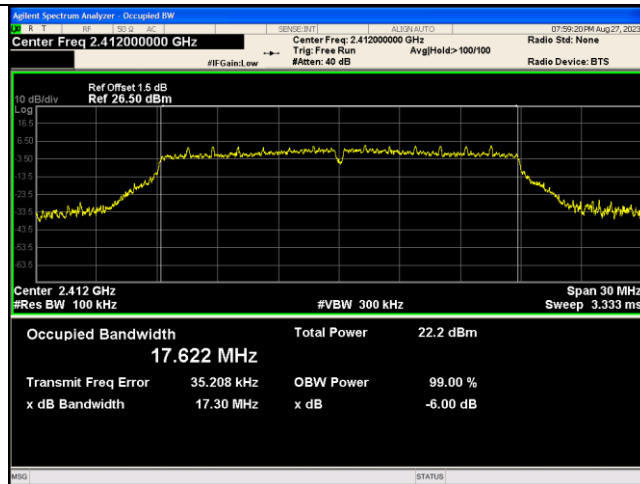
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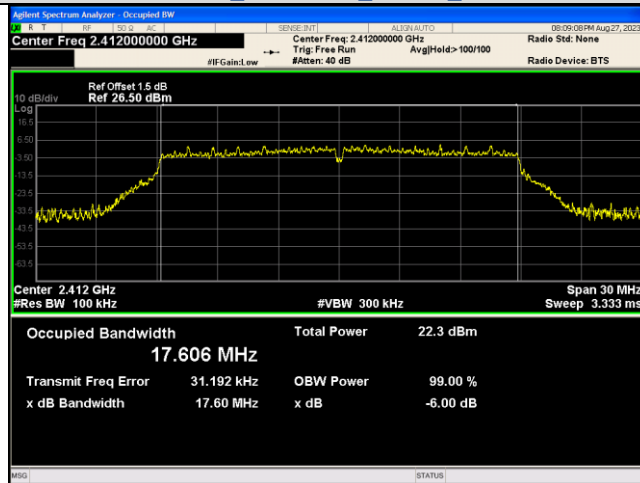
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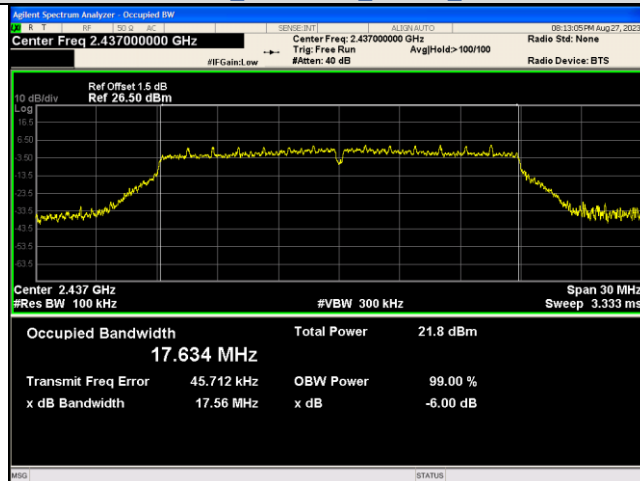
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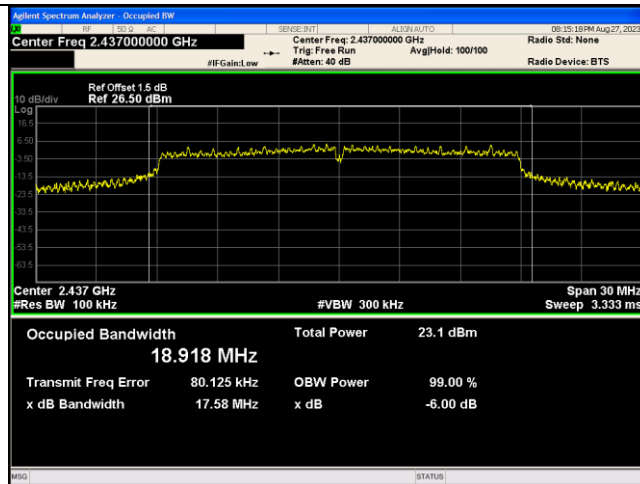
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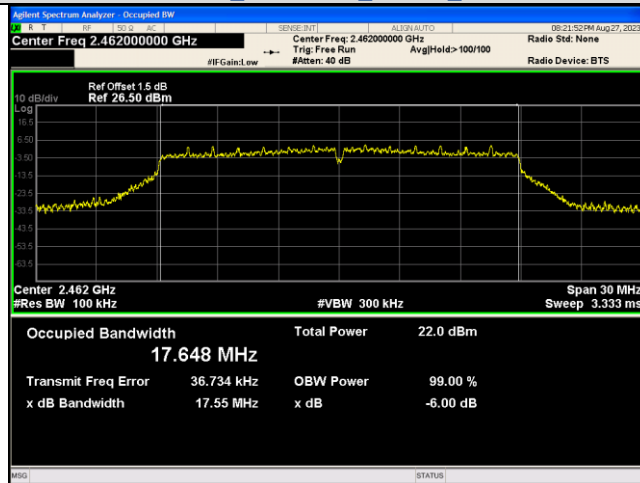
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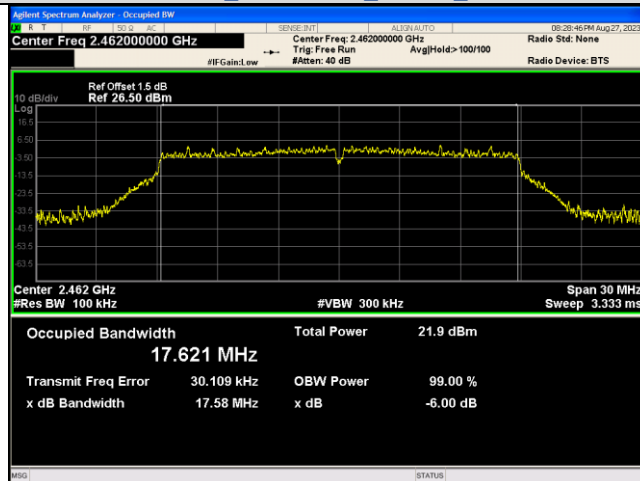
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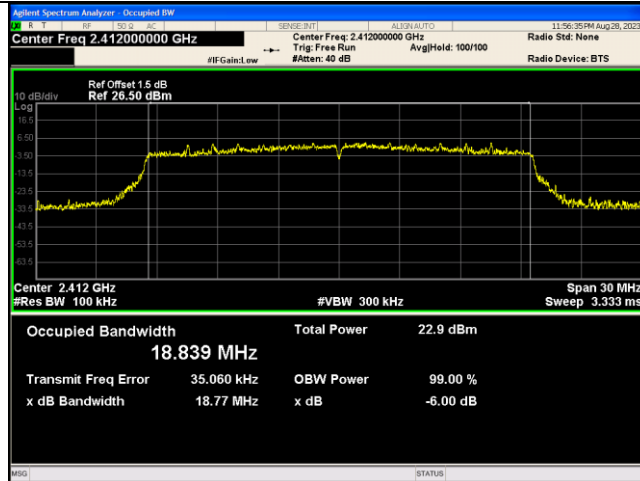
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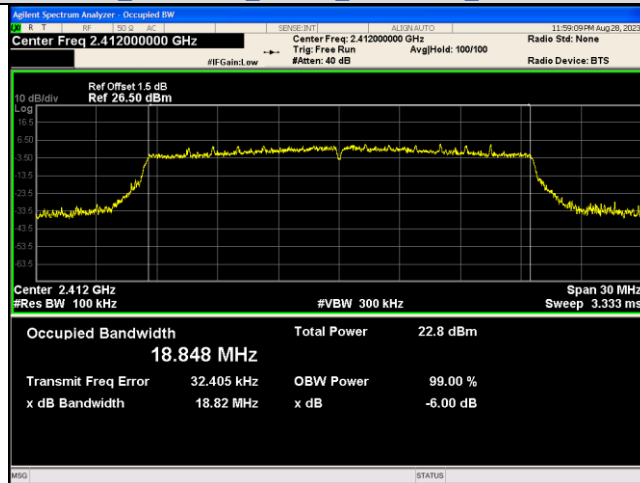
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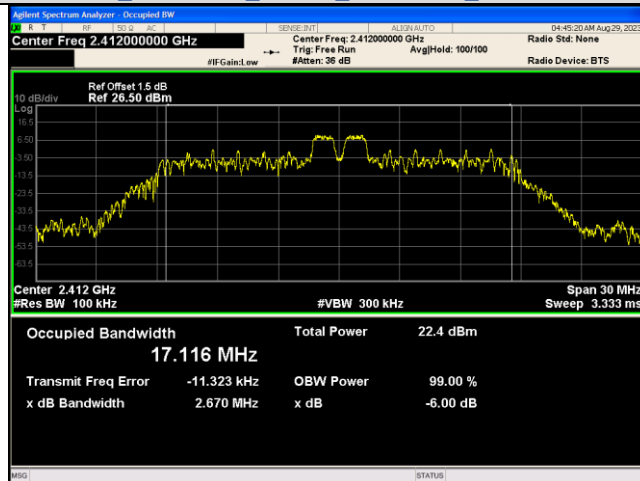
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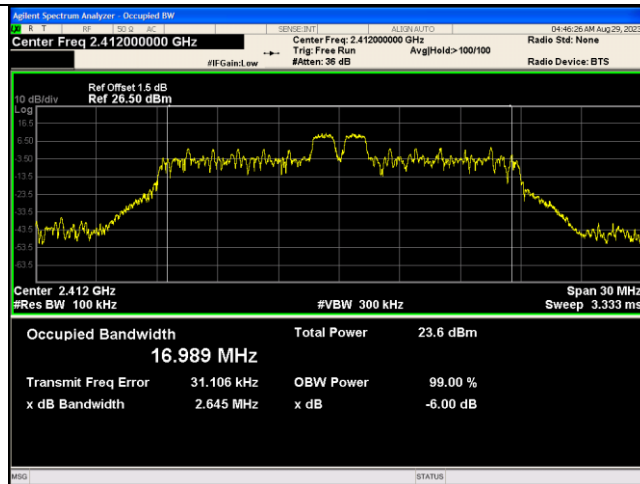
IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 242RU61



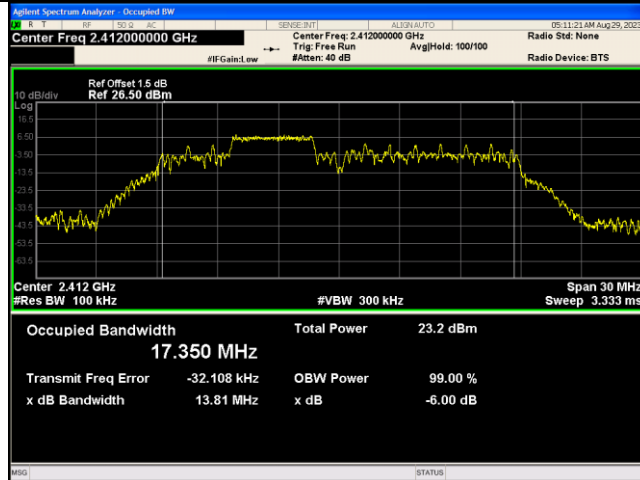
IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 242RU61



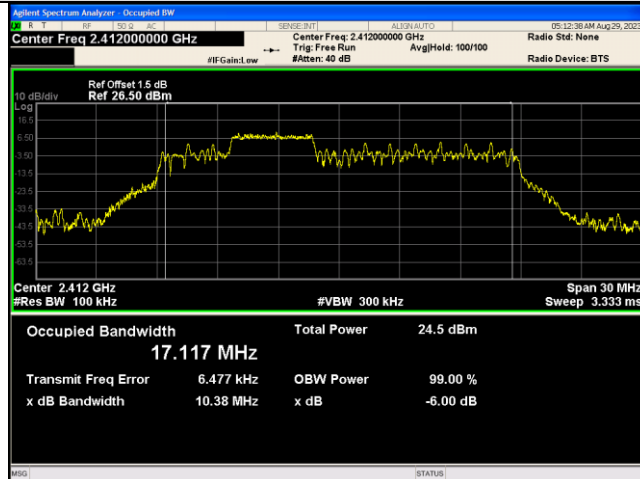
IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 26RU4



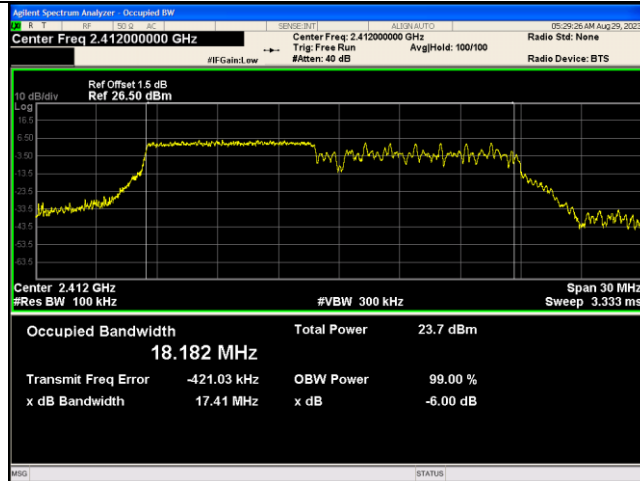
IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 26RU4



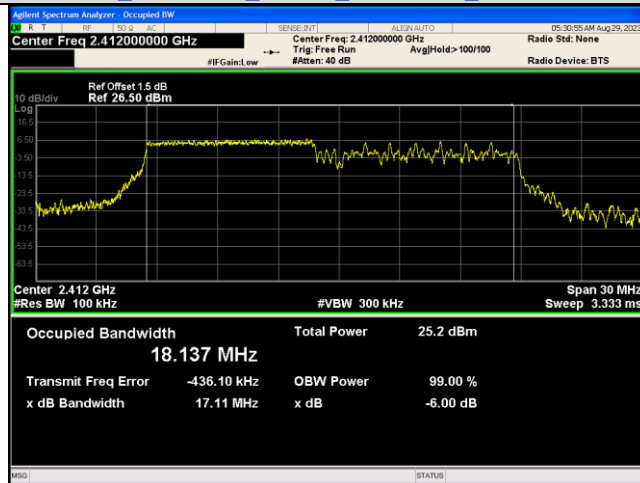
IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 52RU38



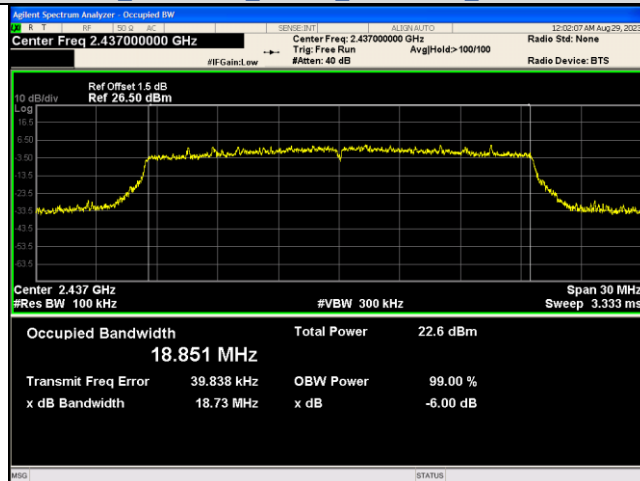
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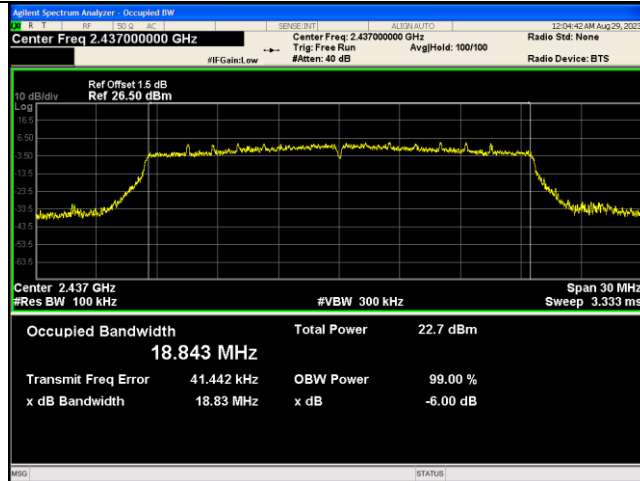
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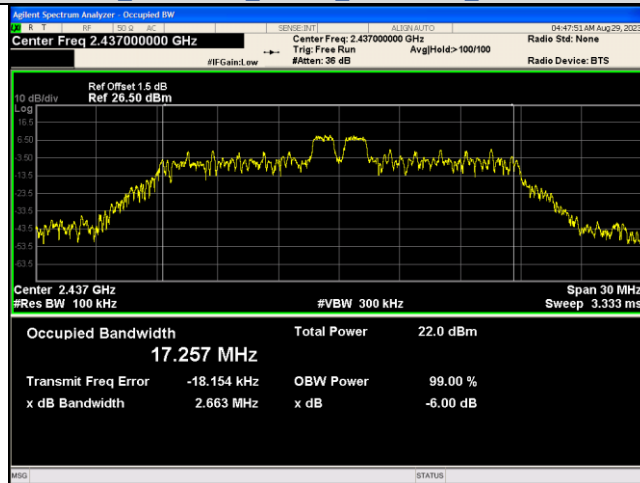
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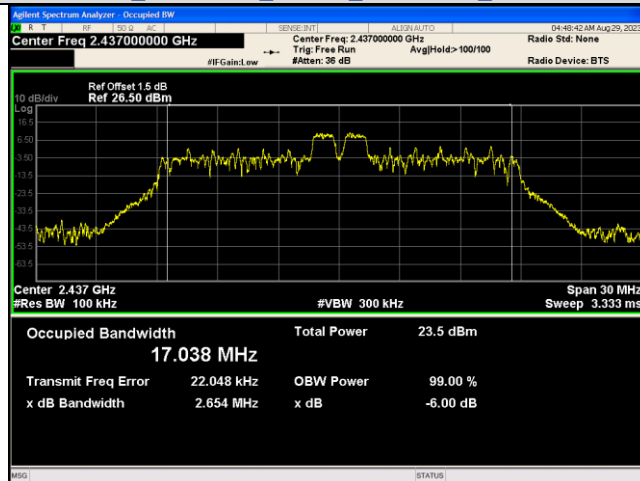
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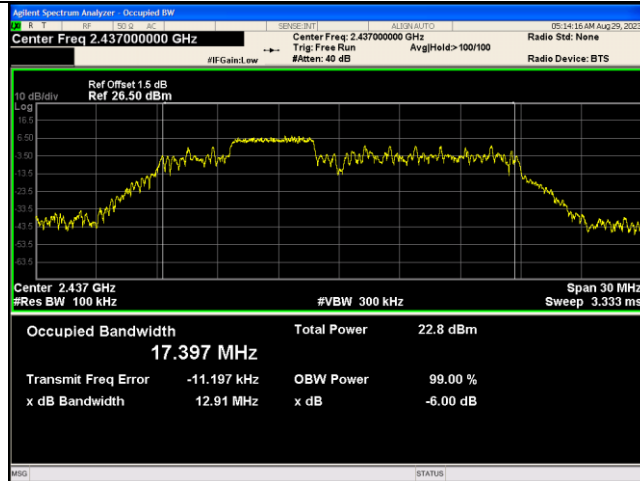
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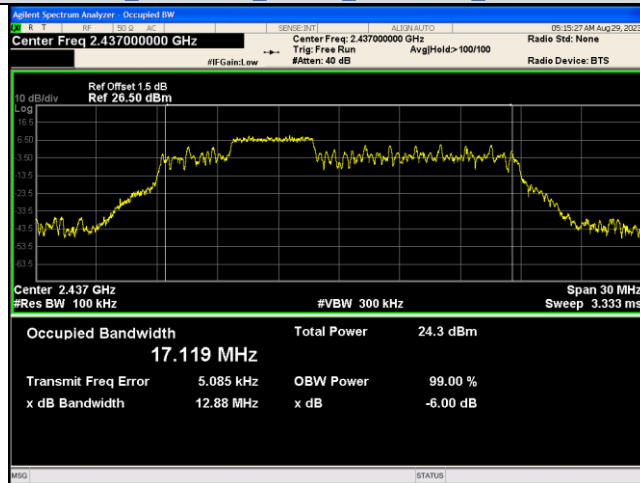
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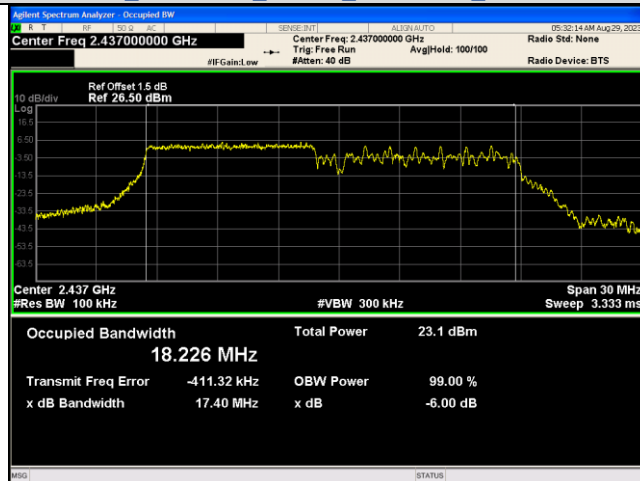
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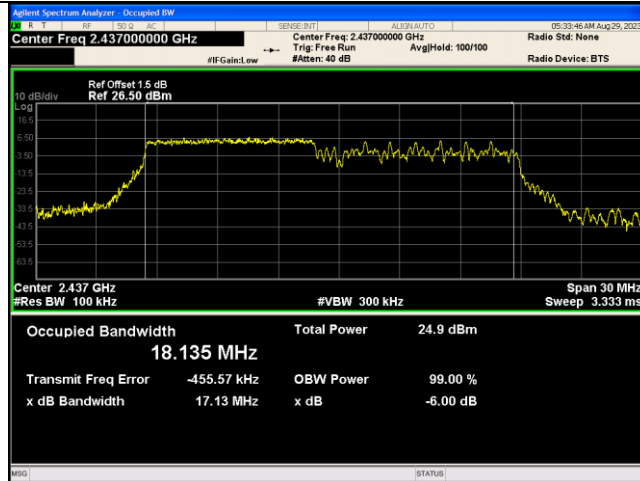
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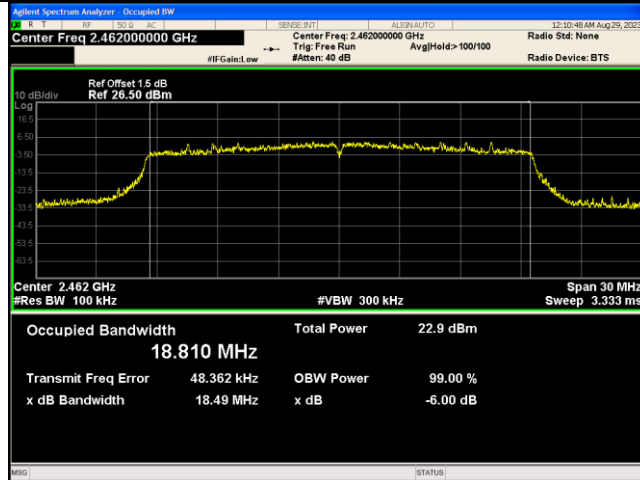
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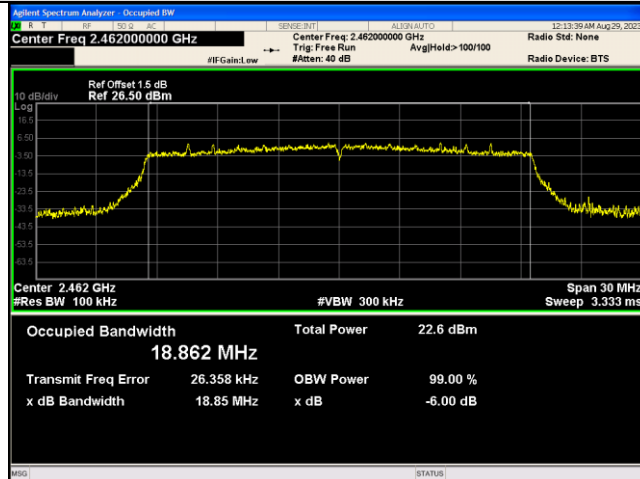
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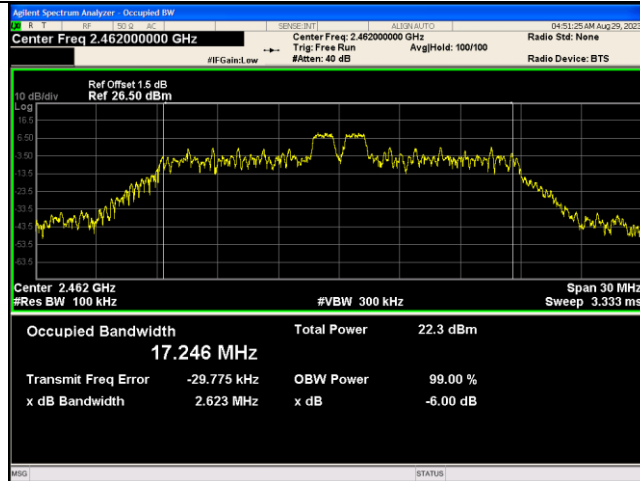
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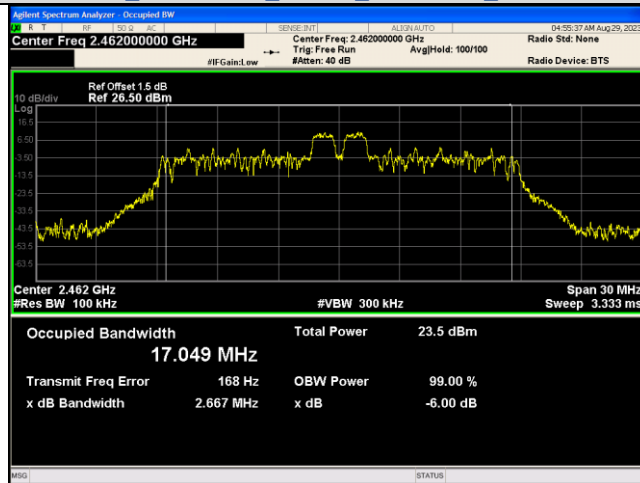
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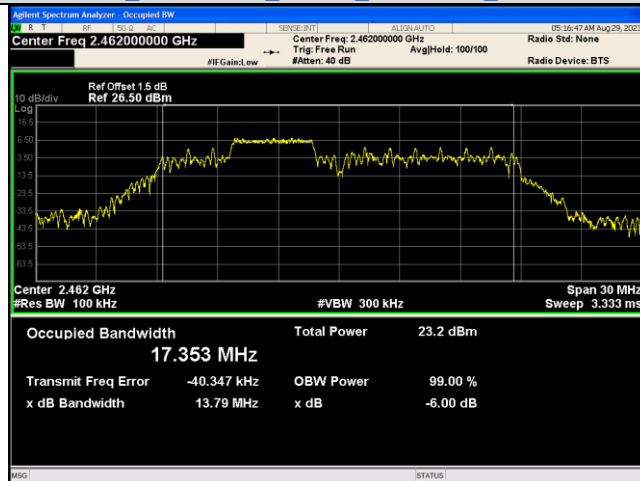
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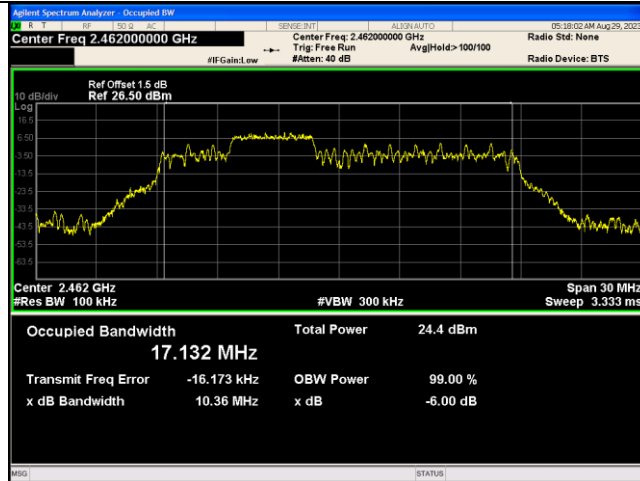
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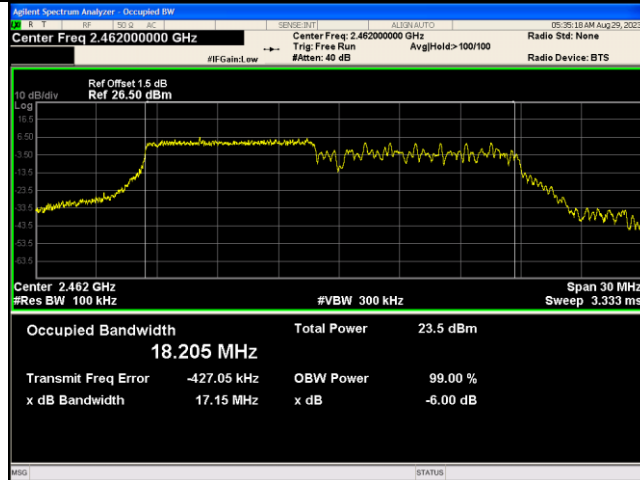
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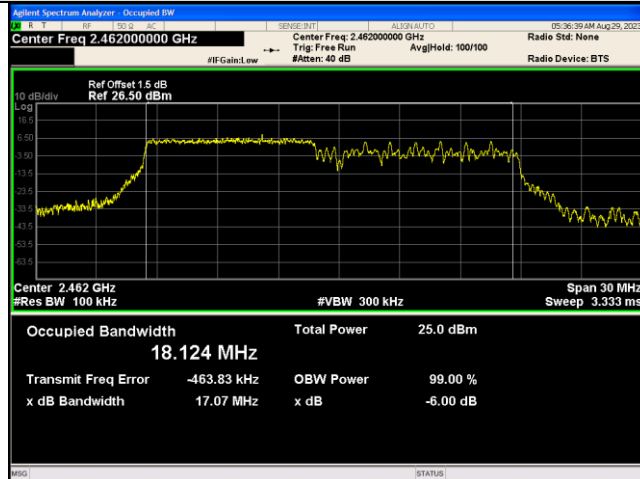
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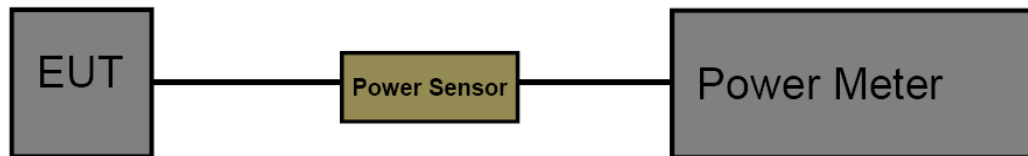
3.6. Peak Output Power

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	20.779	20.449	N/A	30	PASS
	6		20.919	20.575	N/A	30	PASS
	11		21.288	20.342	N/A	30	PASS
IEEE 802.11g	1		17.283	16.550	N/A	30	PASS
	6		16.845	16.828	N/A	30	PASS
	11		17.034	16.611	N/A	30	PASS
IEEE 802.11n_20	1		15.711	15.532	18.63	29.48	PASS
	6		15.313	16.262	18.82	29.48	PASS
	11		15.619	15.390	18.52	29.48	PASS
IEEE 802.11ax_20	1	242RU61	15.971	16.126	19.06	29.48	PASS
		26RU0	12.818	14.337	16.65	29.48	PASS
		26RU4	13.379	14.790	17.15	29.48	PASS
		26RU8	13.291	15.168	17.34	29.48	PASS
		52RU37	13.583	14.840	17.27	29.48	PASS
		52RU38	13.816	14.739	17.31	29.48	PASS
		52RU40	12.938	14.757	16.95	29.48	PASS
		106RU53	13.684	15.077	17.45	29.48	PASS
		106RU54	13.147	14.474	16.87	29.48	PASS
	6	242RU61	15.682	15.997	18.85	29.48	PASS
		26RU0	12.734	14.238	16.56	29.48	PASS
		26RU4	13.208	14.777	17.07	29.48	PASS
		26RU8	13.268	14.529	16.95	29.48	PASS
		52RU37	13.213	14.425	16.87	29.48	PASS
		52RU38	13.714	14.704	17.25	29.48	PASS
		52RU40	13.064	13.988	16.56	29.48	PASS
		106RU53	13.219	14.882	17.14	29.48	PASS
		106RU54	12.864	15.070	17.12	29.48	PASS
	11	242RU61	16.065	15.913	19.00	29.48	PASS
		26RU0	12.660	14.439	16.65	29.48	PASS
		26RU4	13.416	14.613	17.07	29.48	PASS
		26RU8	13.505	14.446	17.01	29.48	PASS
		52RU37	13.270	14.809	17.12	29.48	PASS
		52RU38	13.751	14.880	17.36	29.48	PASS
		52RU40	12.993	15.084	17.17	29.48	PASS
		106RU53	13.620	15.095	17.43	29.48	PASS
		106RU54	13.084	14.269	16.73	29.48	PASS

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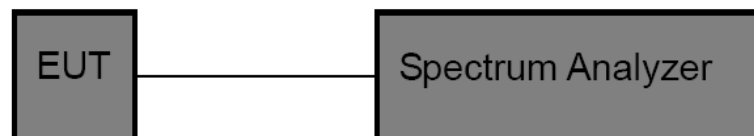
3.7. Power Spectral Density

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

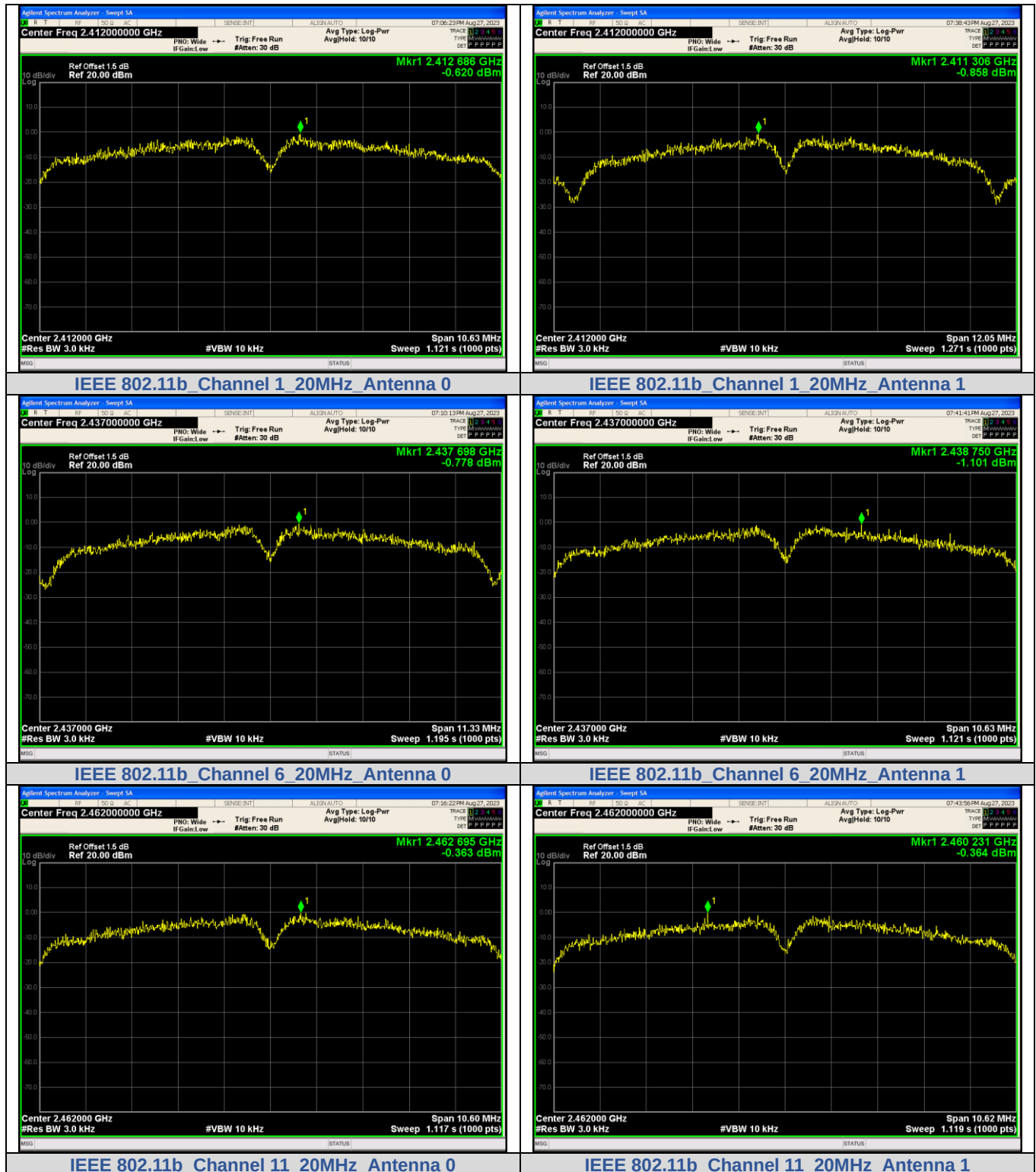
Please refer to the clause 2.4.

**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	-0.620	-0.858	N/A	8	PASS
	6		-0.778	-1.101	N/A	8	PASS
	11		-0.363	-0.364	N/A	8	PASS
IEEE 802.11g	1		-6.832	-8.100	N/A	8	PASS
	6		-6.310	-6.663	N/A	8	PASS
	11		-6.621	-6.994	N/A	8	PASS
IEEE 802.11n_20	1		-8.122	-8.435	-5.27	7.48	PASS
	6		-9.544	-8.772	-6.13	7.48	PASS
	11		-8.574	-8.505	-5.53	7.48	PASS
IEEE 802.11ax_20	1	242RU61	-9.153	-8.931	-6.03	7.48	PASS
		26RU4	-2.808	-2.124	0.56	7.48	PASS
		52RU38	-4.965	-3.386	-1.09	7.48	PASS
		106RU53	-8.576	-5.004	-3.42	7.48	PASS
	6	242RU61	-8.759	-9.245	-5.98	7.48	PASS
		26RU4	-3.467	-2.166	0.24	7.48	PASS
		52RU38	-5.434	-5.147	-2.28	7.48	PASS
		106RU53	-8.672	-7.218	-4.87	7.48	PASS
	11	242RU61	-9.879	-9.702	-6.78	7.48	PASS
		26RU4	-3.695	-2.951	-0.3	7.48	PASS
		52RU38	-4.981	-4.738	-1.85	7.48	PASS
		106RU53	-7.452	-4.768	-2.9	7.48	PASS



Test plot as follows:



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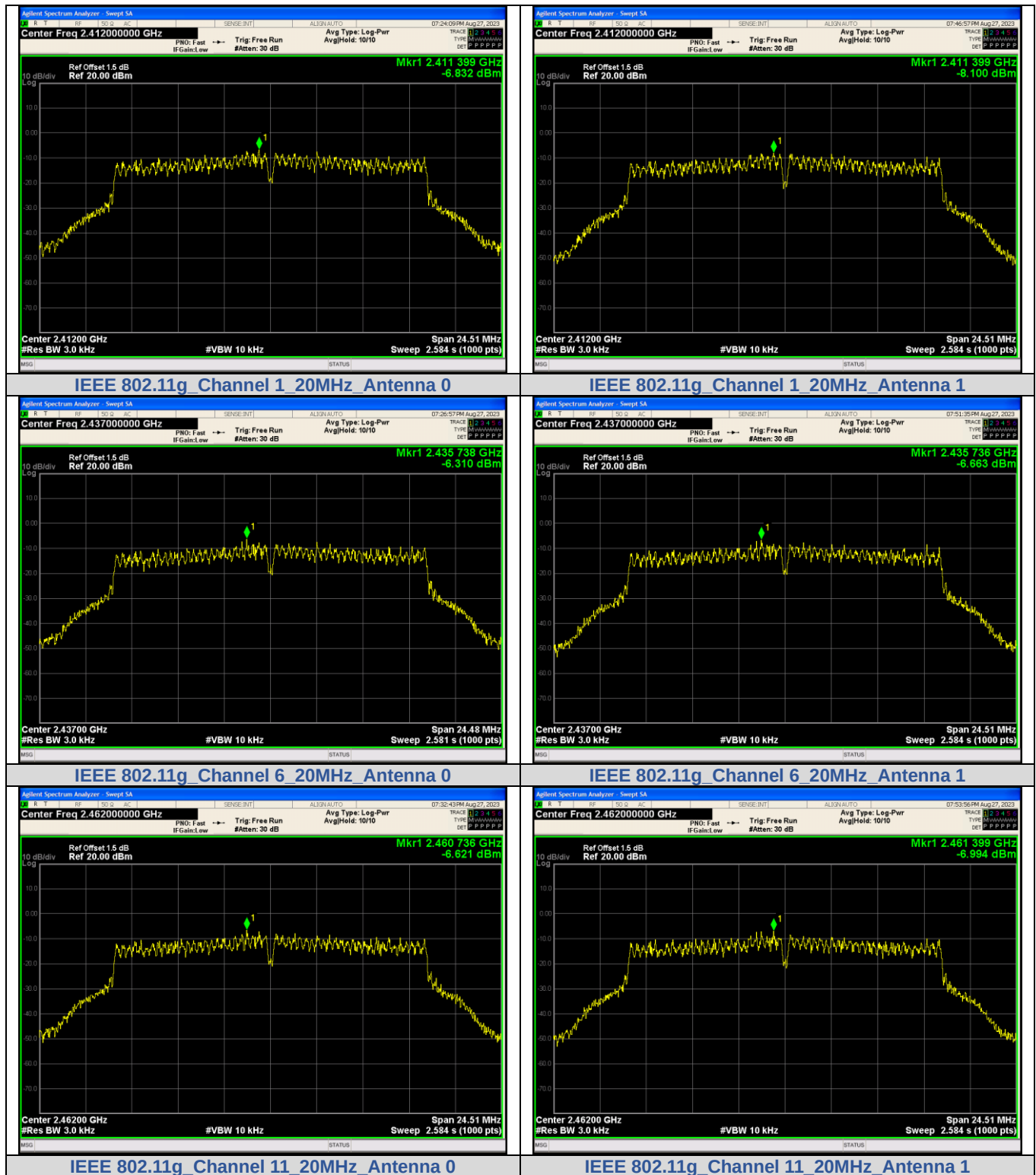
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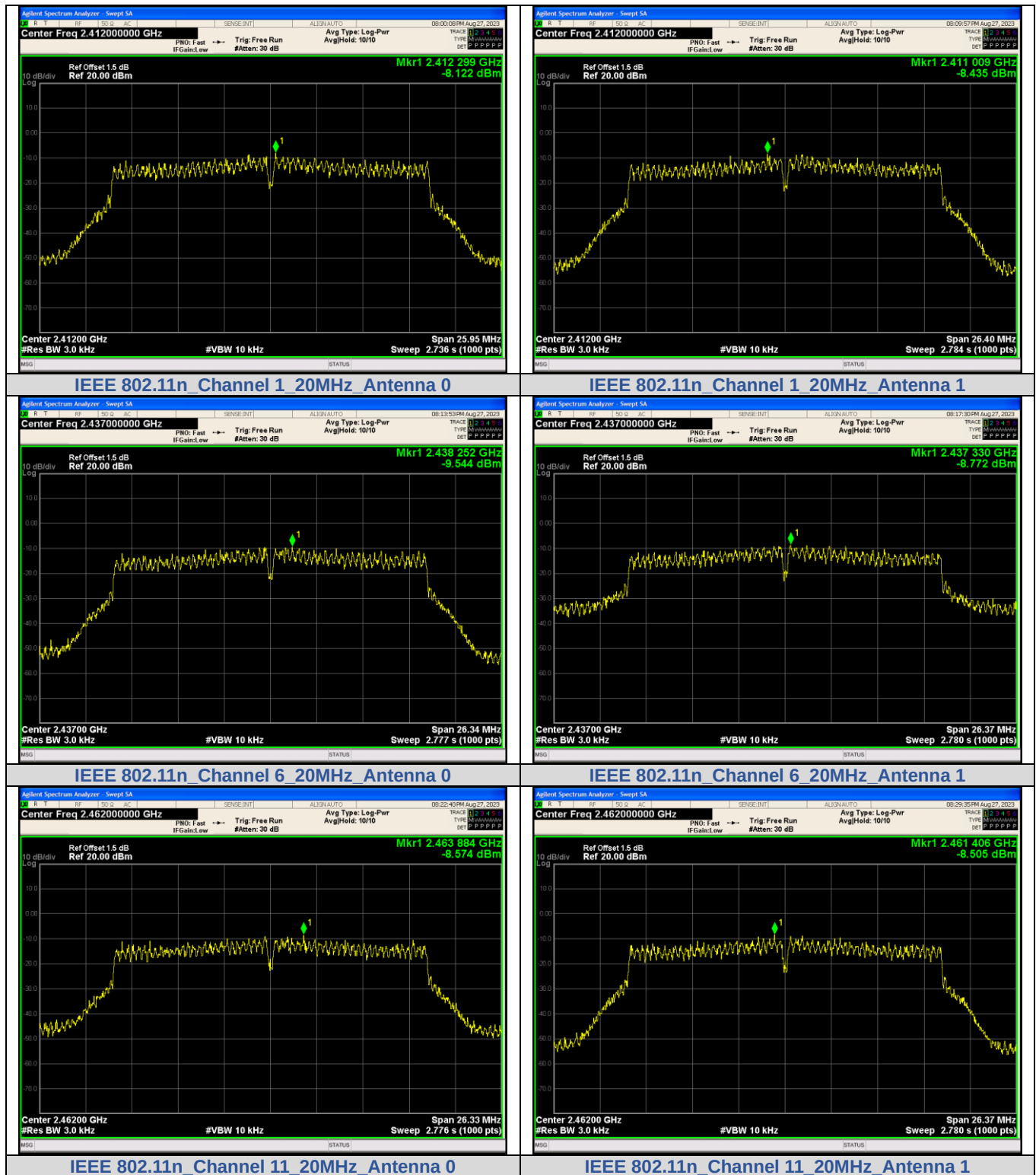
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