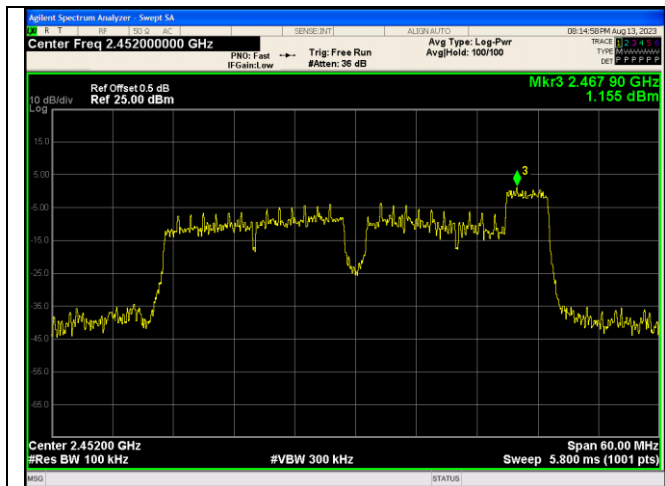
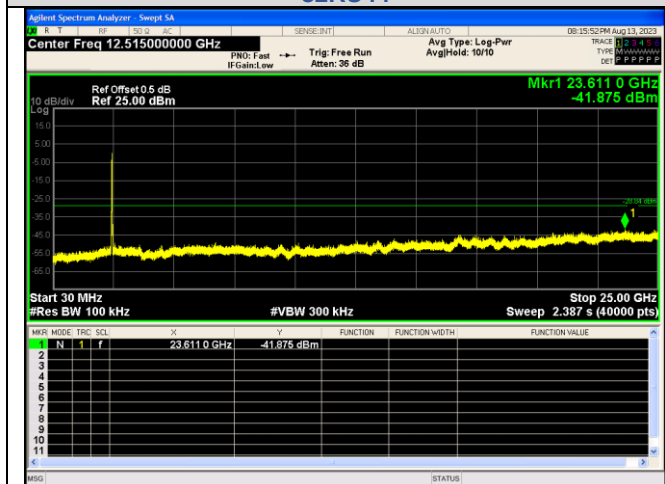




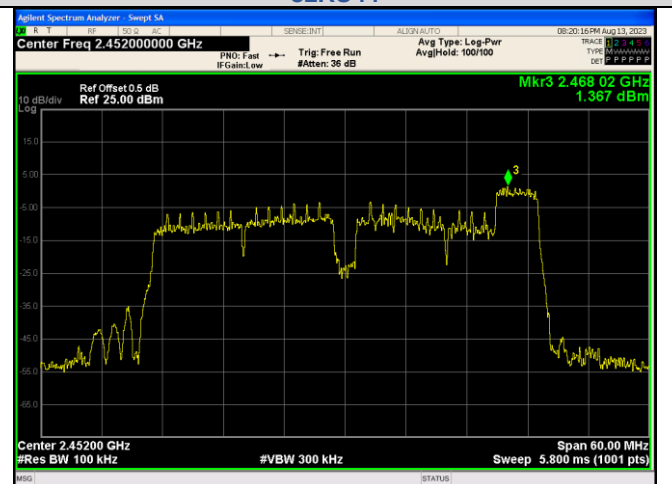
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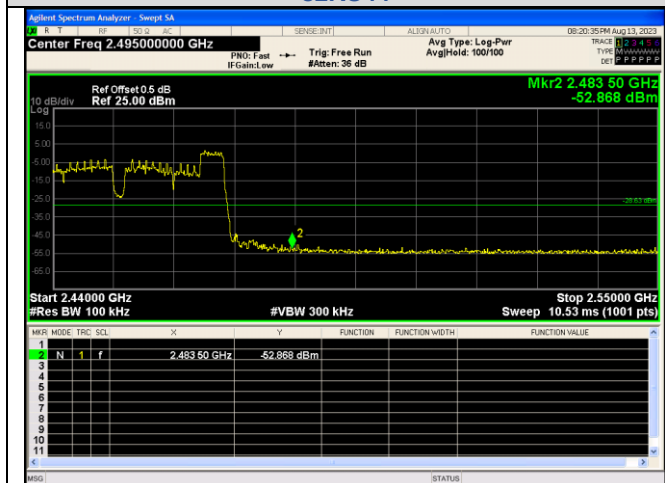
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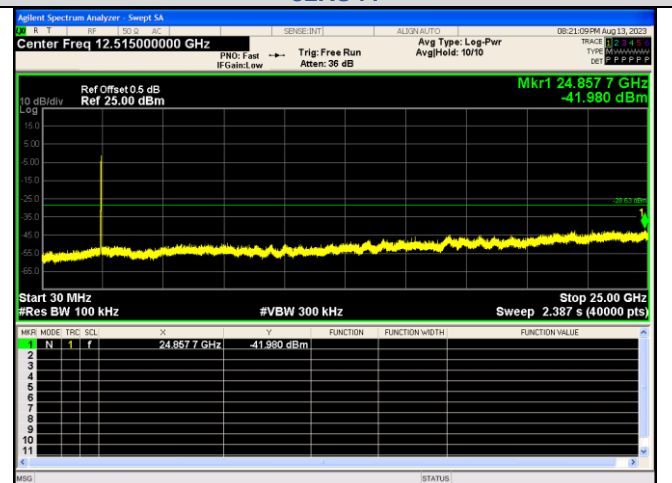
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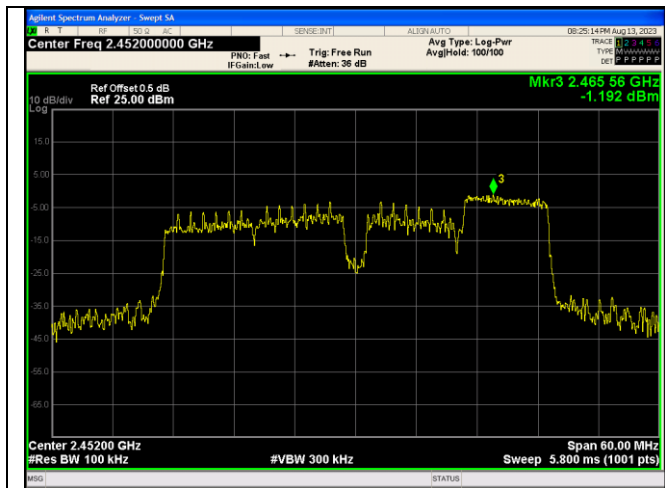
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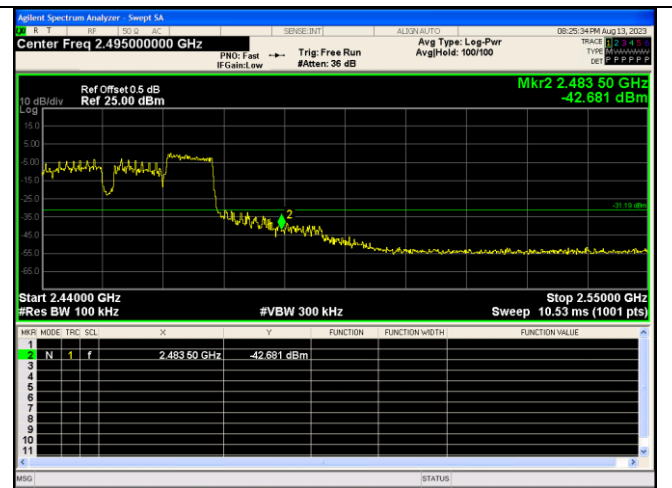
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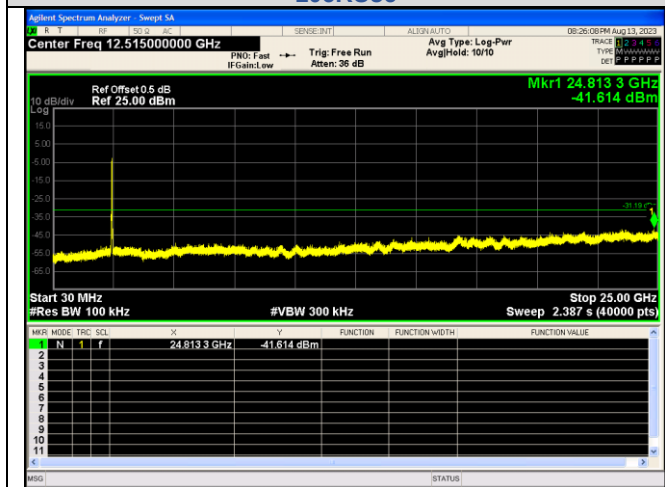
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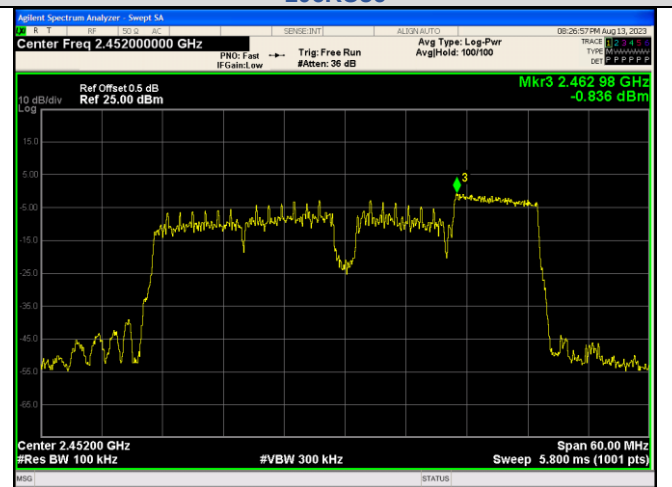
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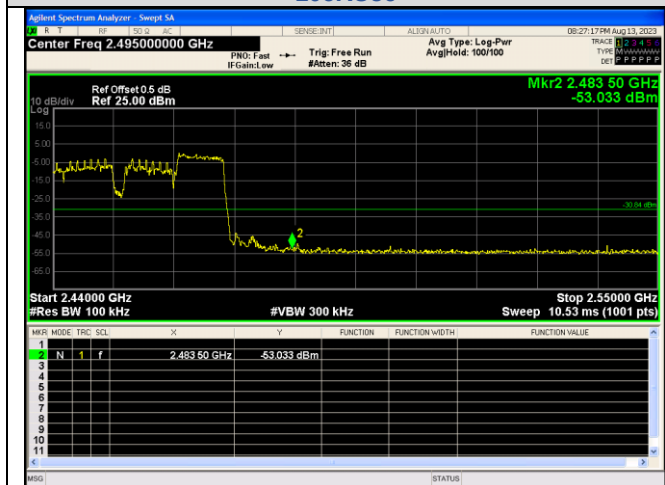
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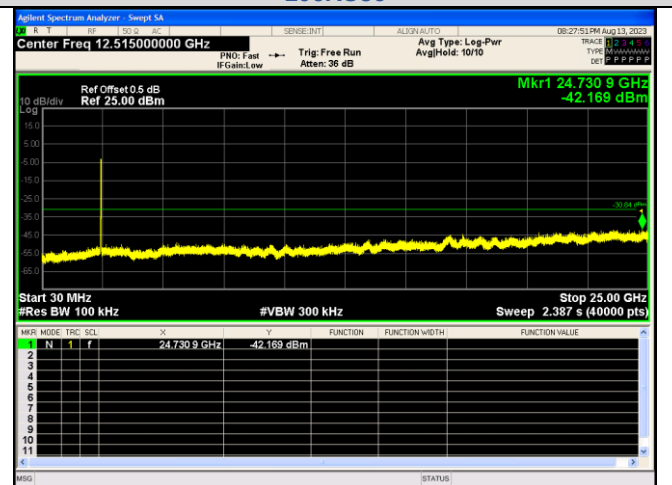
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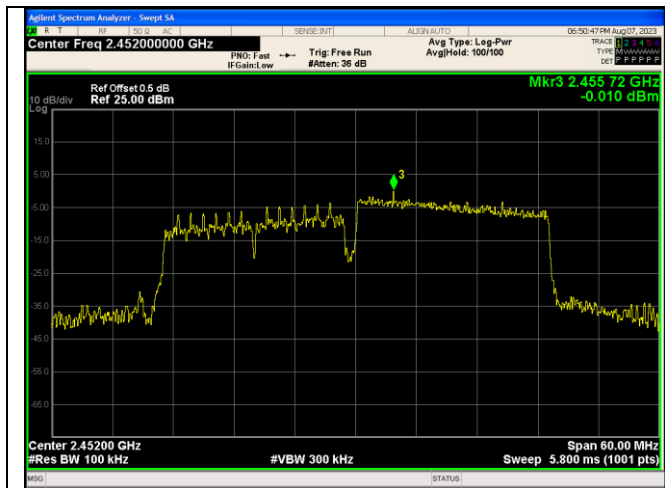
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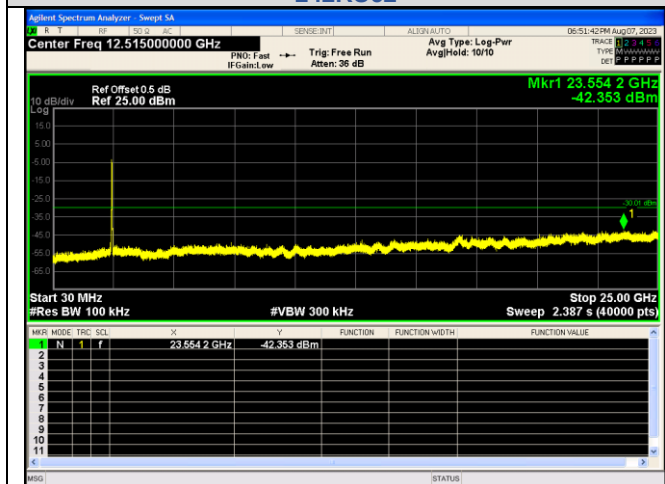
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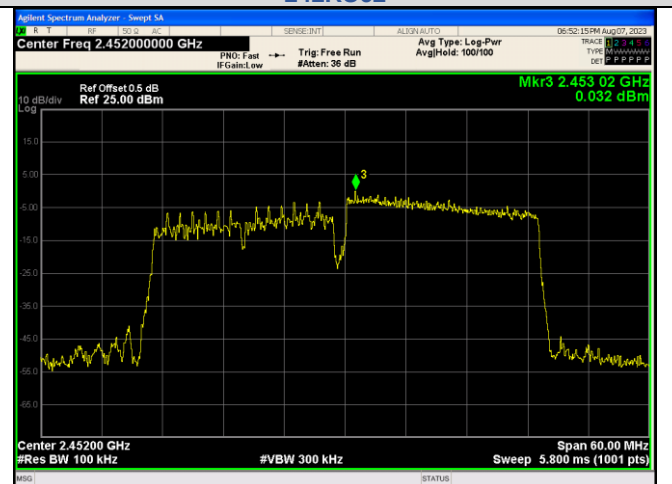
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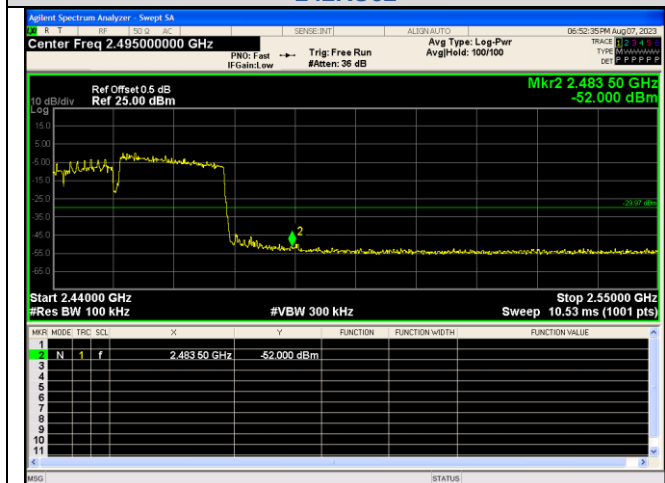
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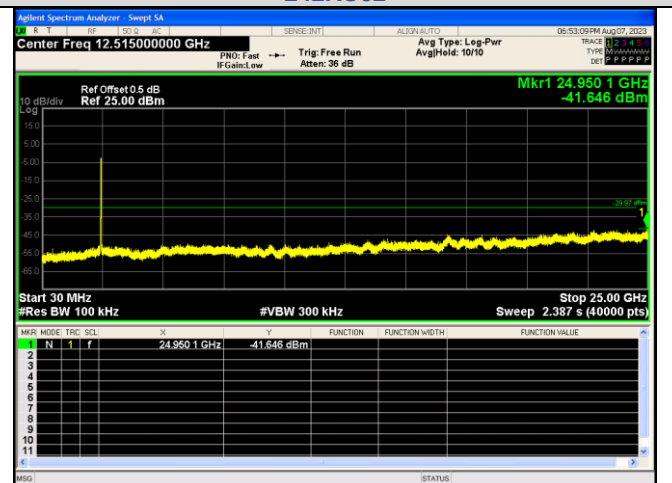
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IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index
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In-Band Reference Level
IEEE 802.11ax_Channel 9_40MHz_Antenna 1_RU&Index
242RU62



Out Of Band Emission
IEEE 802.11ax_Channel 9_40MHz_Antenna 1_RU&Index
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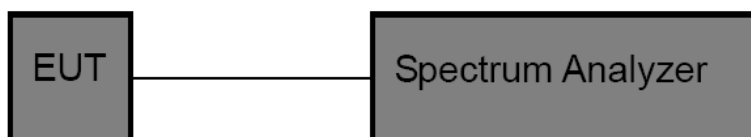
3.5. DTS Bandwidth

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

5. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
6. 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 Results



Mode	Center Frequency (MHz)	Ant.	99% BW (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	2412	0	12.209	8.076	0.5	PASS
	2412	1	12.723	8.050		PASS
	2437	0	12.259	8.018		PASS
	2437	1	12.713	8.048		PASS
	2462	0	12.274	7.595		PASS
	2462	1	12.696	8.007		PASS
IEEE 802.11g	2412	0	16.742	15.88		PASS
	2412	1	16.746	15.46		PASS
	2437	0	16.651	15.50		PASS
	2437	1	16.780	15.44		PASS
	2462	0	16.644	15.32		PASS
	2462	1	16.782	15.92		PASS
IEEE 802.11n_20	2412	0	17.763	16.11		PASS
	2412	1	17.790	16.89		PASS
	2437	0	17.759	15.14		PASS
	2437	1	17.816	16.95		PASS
	2462	0	17.800	15.64		PASS
	2462	1	17.821	17.53		PASS
IEEE 802.11n_40	2422	0	36.085	35.11		PASS
	2422	1	36.098	35.09		PASS
	2437	0	36.083	35.10		PASS
	2437	1	36.156	35.10		PASS
	2452	0	36.100	35.11		PASS
	2452	1	36.083	35.06		PASS

Mode	Center Frequency (MHz)	RU & Index	Ant.	99% BW (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11ax_20	2412	242RU61	0	18.895	17.92	0.5	PASS
	2412		1	18.903	18.32		PASS
	2412	26RU4	0	16.756	2.693		PASS
	2412		1	16.745	2.732		PASS
	2412	52RU38	0	17.060	10.35		PASS
	2412		1	16.847	7.820		PASS
	2412	106RU53	0	18.091	17.06		PASS
	2412		1	18.087	17.08		PASS
	2437	242RU61	0	18.967	18.02		PASS
	2437		1	19.000	16.53		PASS
	2437	26RU4	0	16.988	2.728		PASS
	2437		1	16.852	2.697		PASS
	2437	52RU38	0	17.044	7.848		PASS
	2437		1	16.923	10.35		PASS
	2437	106RU53	0	18.102	17.07		PASS
	2437		1	18.127	17.04		PASS
	2462	242RU61	0	18.966	18.04		PASS
	2462		1	18.984	17.27		PASS
	2462	26RU4	0	16.990	2.735		PASS
	2462		1	16.871	2.715		PASS
	2462	52RU38	0	17.073	7.859		PASS
	2462		1	16.879	7.828		PASS
	2462	106RU53	0	18.132	17.06		PASS
	2462		1	18.107	17.03		PASS
IEEE 802.11ax_40	2422	484RU65	0	37.591	35.34		PASS
	2422		1	37.529	35.32		PASS
	2422	26RU8	0	35.497	2.049		PASS
	2422		1	35.449	2.017		PASS
	2422	52RU40	0	35.307	4.028		PASS
	2422		1	35.432	4.076		PASS
	2422	106RU54	0	35.622	8.253		PASS
	2422		1	35.590	13.55		PASS
	2422	242RU61	0	37.065	32.30		PASS
	2422		1	36.942	30.53		PASS

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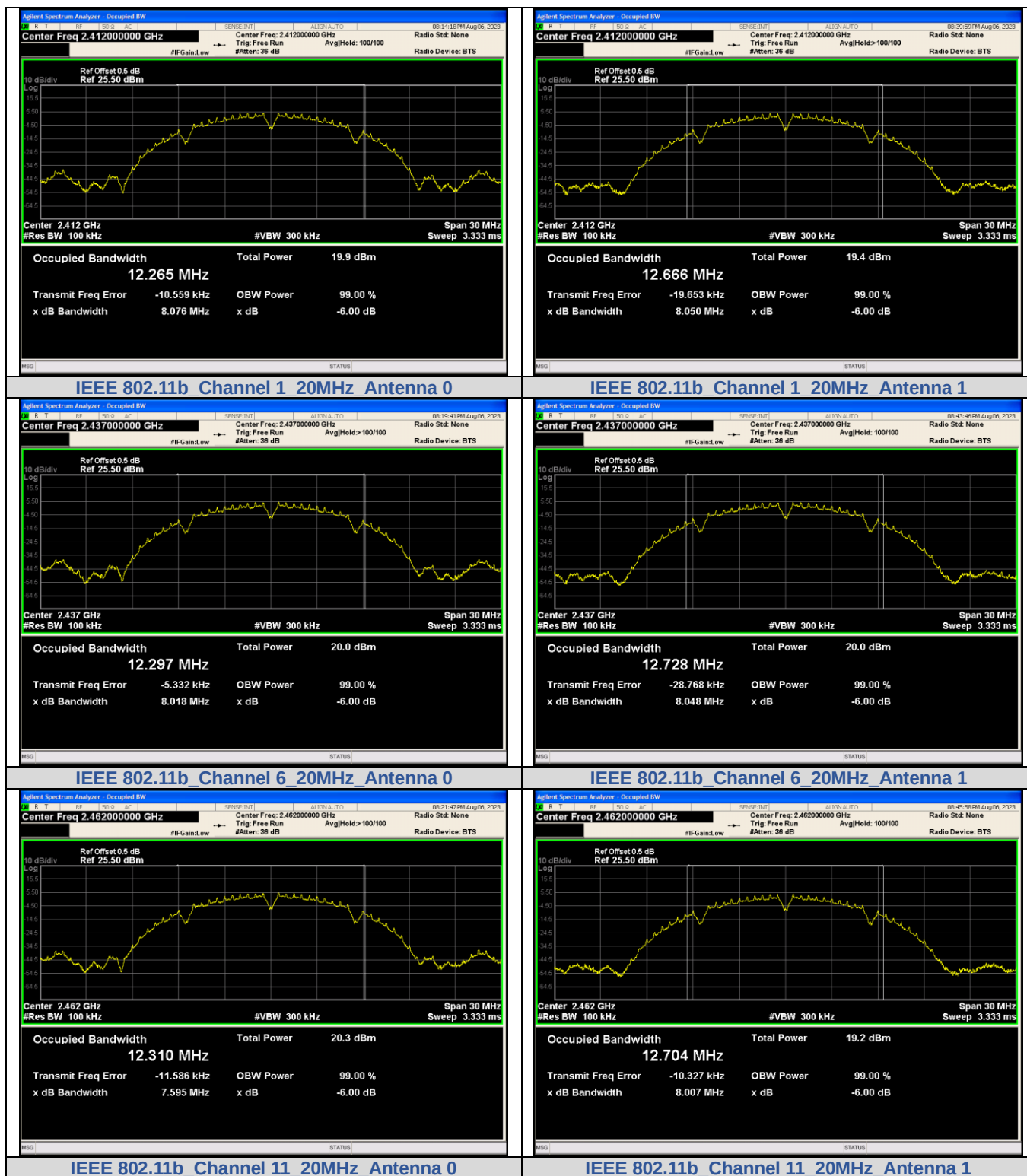
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	2437	484RU65	0	37.572	36.55	PASS
	2437		1	37.643	35.56	PASS
	2437	26RU8	0	35.682	2.042	PASS
	2437		1	35.577	2.031	PASS
	2437	52RU40	0	35.302	4.033	PASS
	2437		1	35.154	4.039	PASS
	2437	106RU54	0	35.765	12.29	PASS
	2437		1	35.726	11.03	PASS
	2437	242RU61	0	37.096	36.51	PASS
	2437		1	36.899	34.06	PASS
	2452	484RU65	0	37.565	35.36	PASS
	2452		1	37.575	35.09	PASS
	2452	26RU8	0	35.736	2.080	PASS
	2452		1	35.440	2.042	PASS
	2452	52RU40	0	35.459	4.087	PASS
	2452		1	35.498	4.075	PASS
	2452	106RU54	0	35.536	11.04	PASS
	2452		1	35.563	8.267	PASS
	2452	242RU61	0	37.031	32.56	PASS
	2452		1	36.785	33.77	PASS

**DTS Bandwidth Test Graphs**

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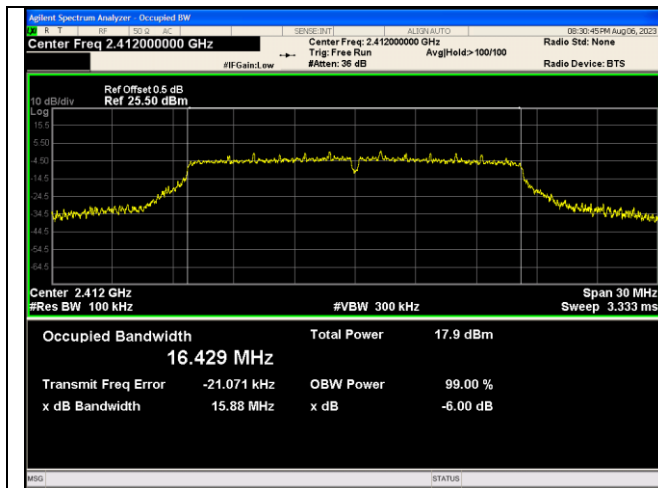
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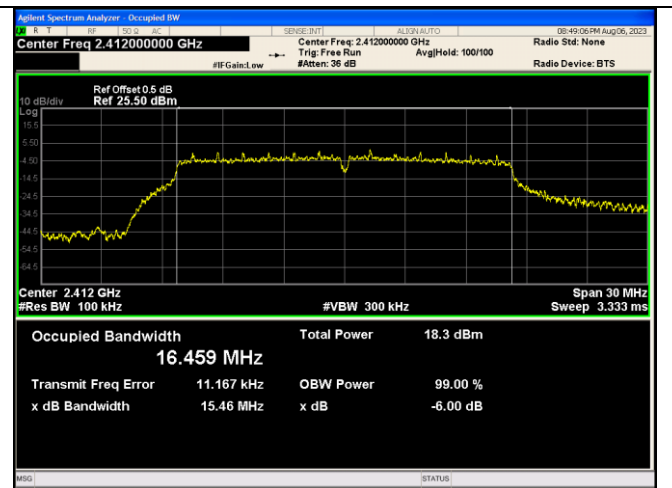
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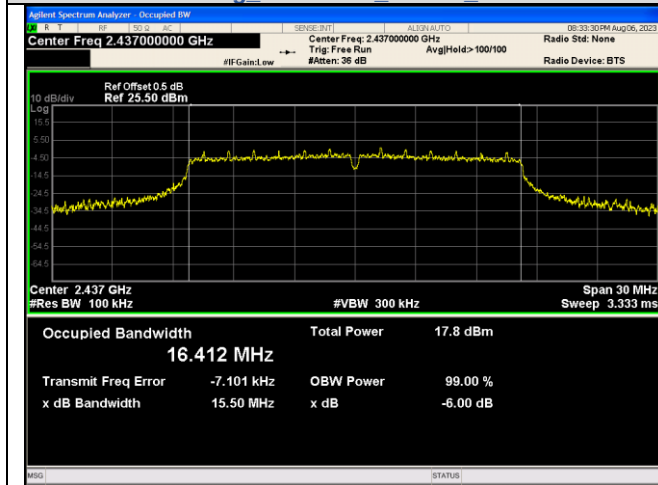
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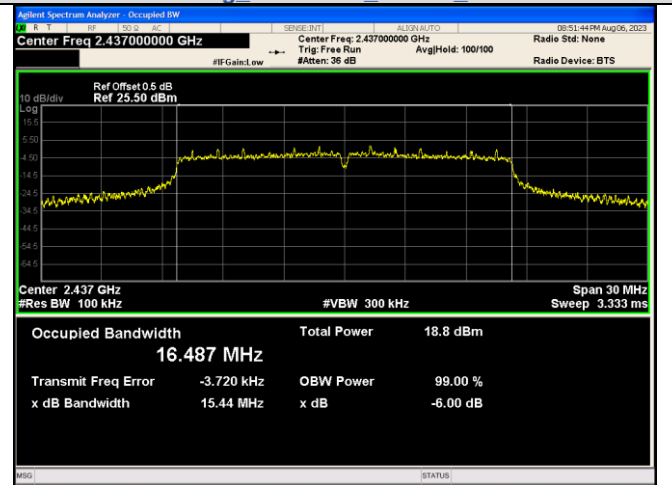
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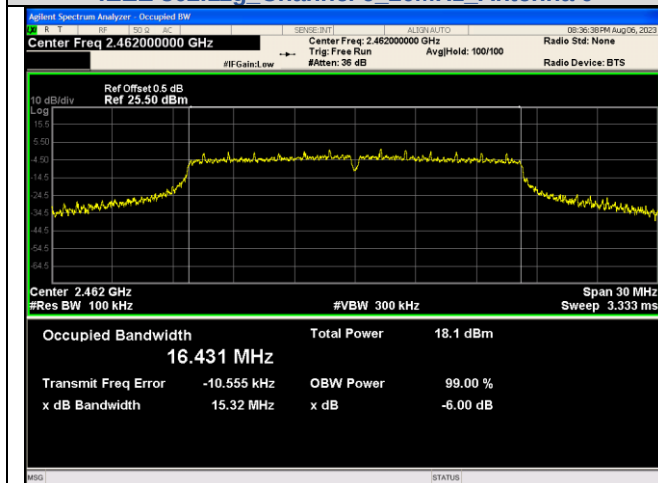
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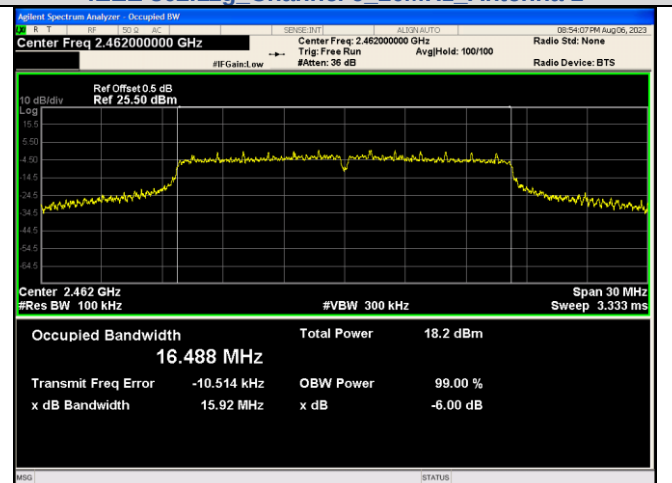
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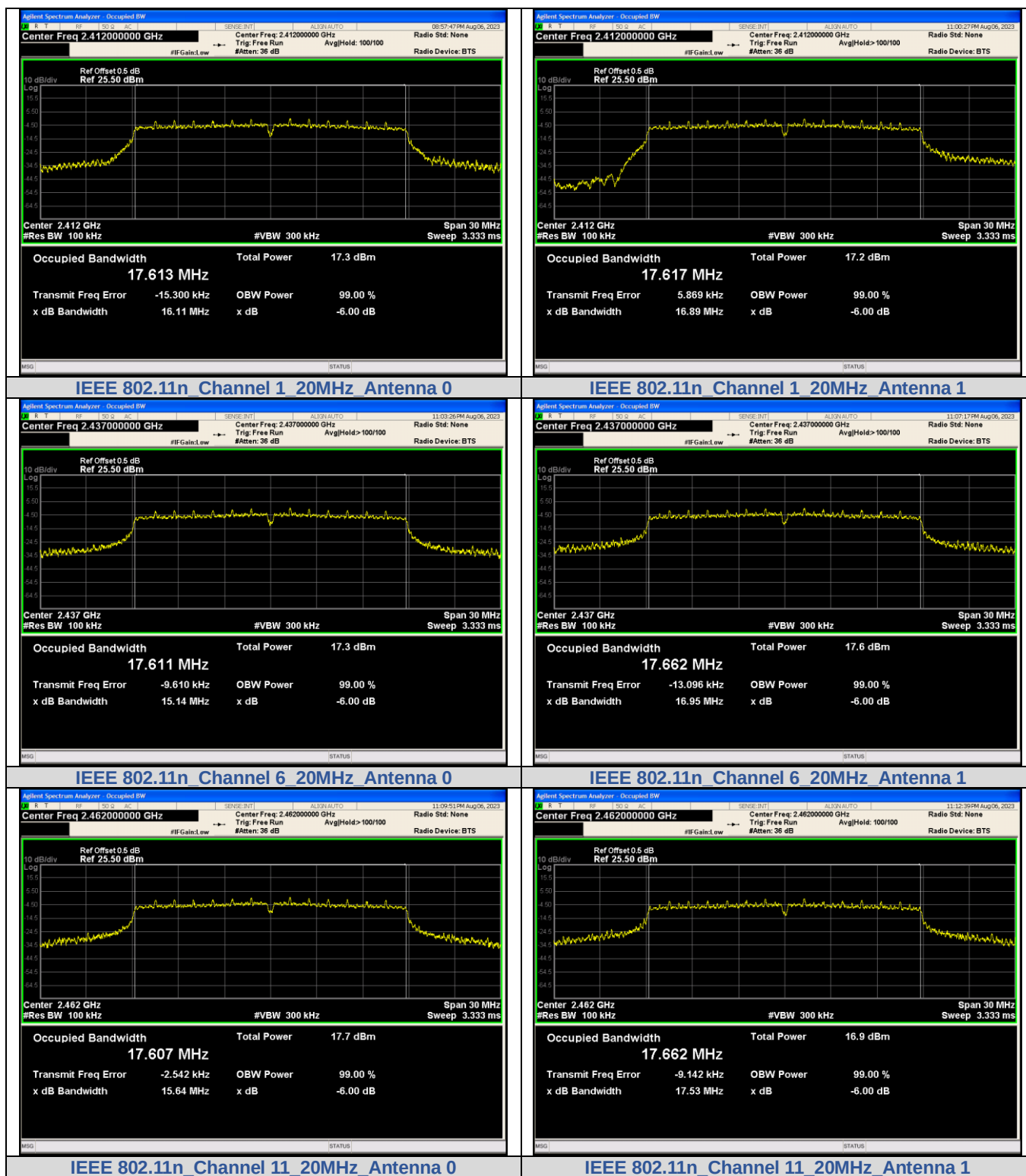
IEEE 802.11g Channel 6 20MHz Antenna 1



IEEE 802.11g Channel 11 20MHz Antenna 0



IEEE 802.11g Channel 11 20MHz Antenna 1



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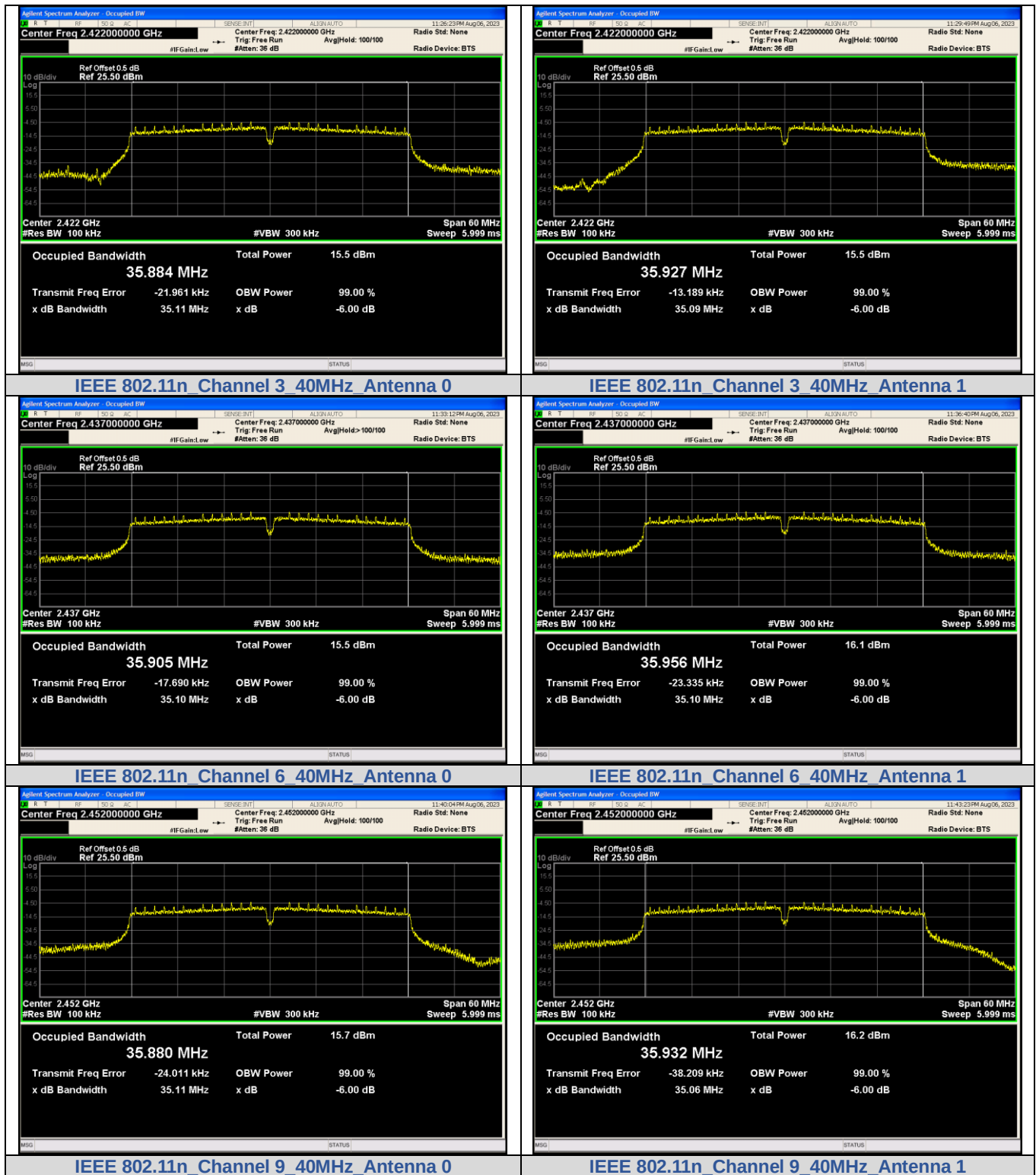
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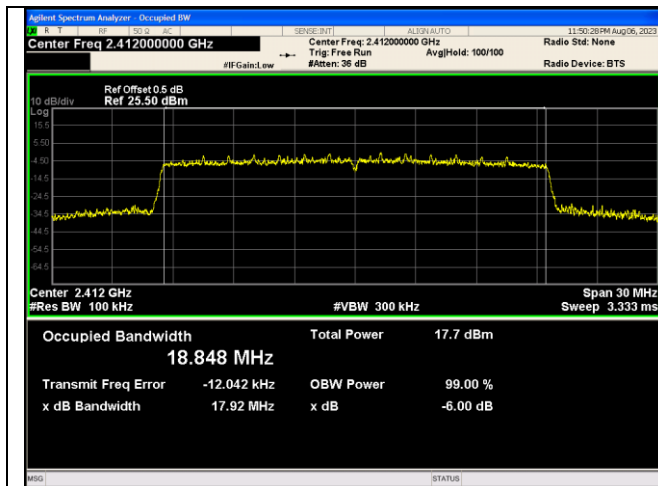
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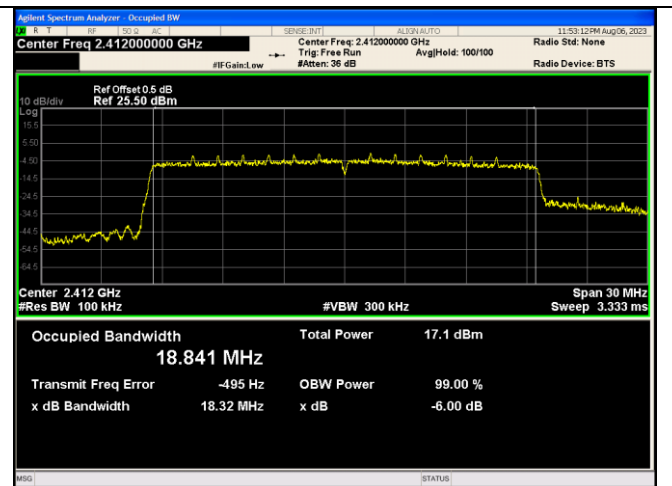
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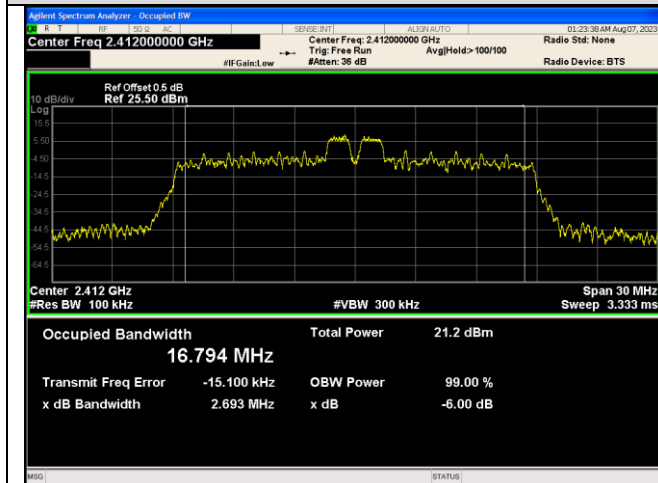
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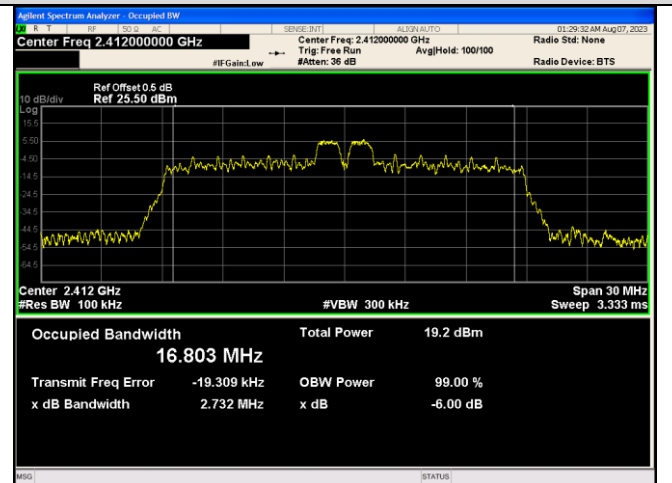
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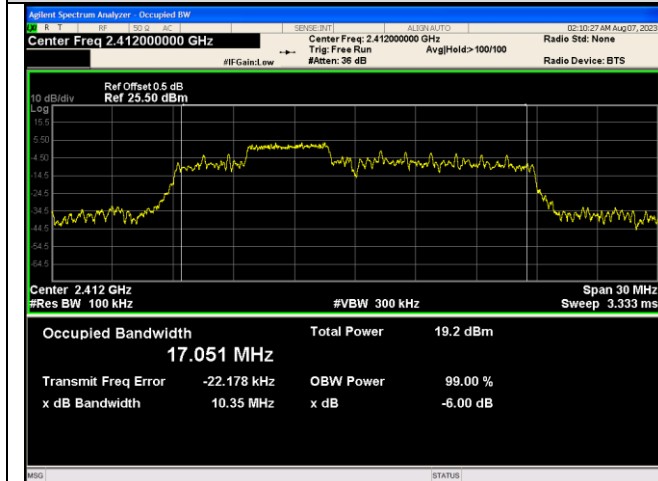
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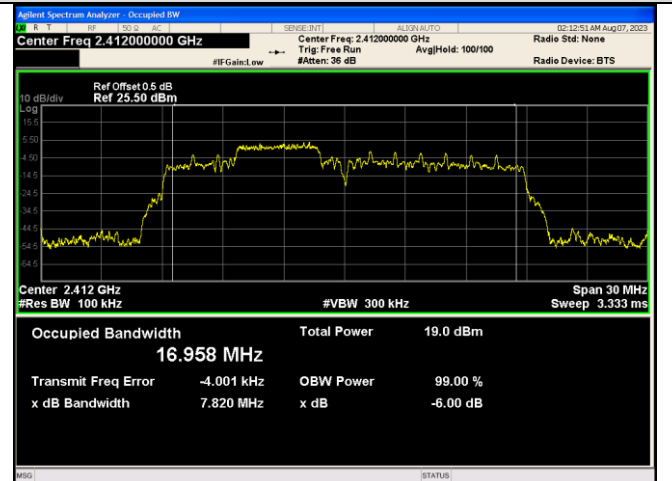
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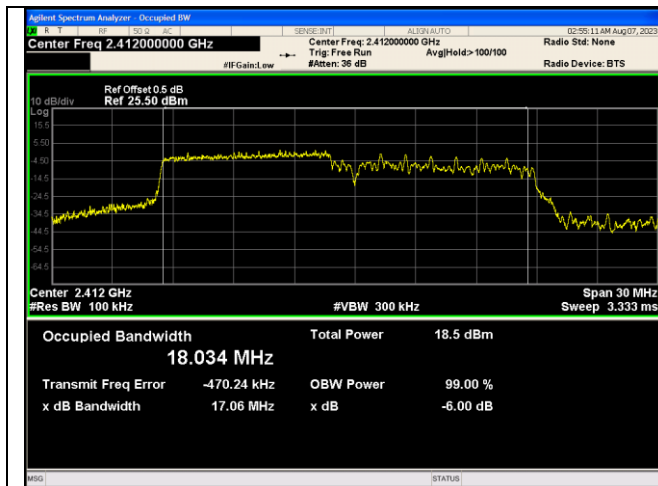
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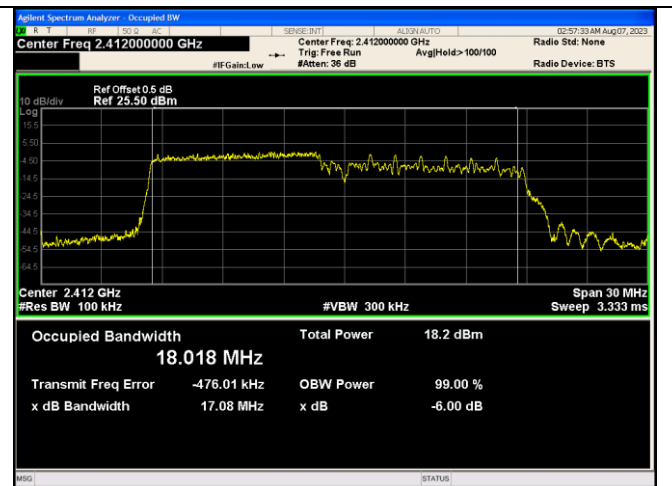
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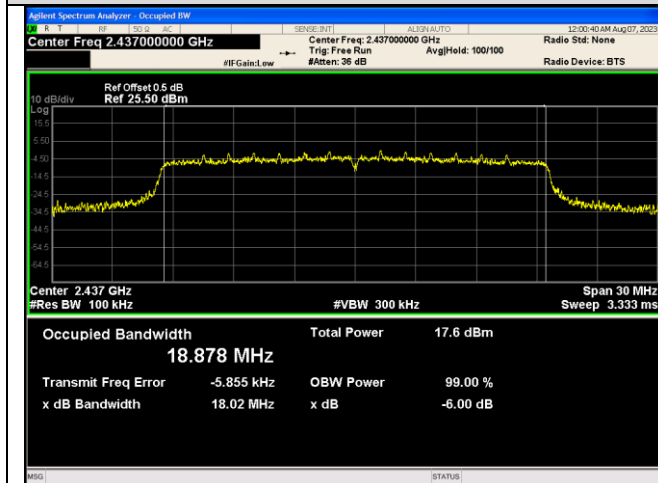
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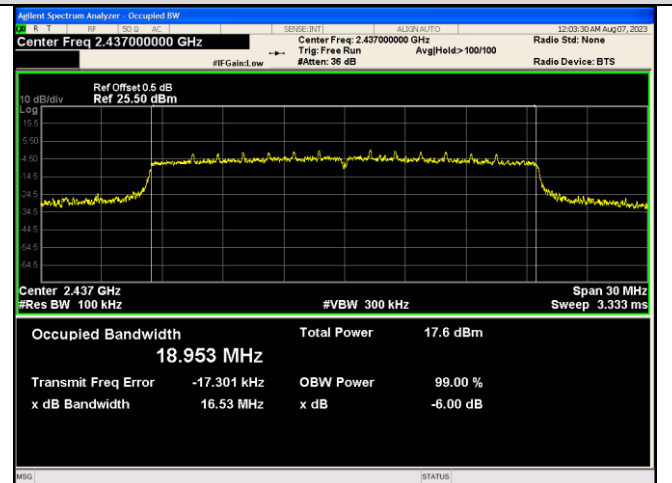
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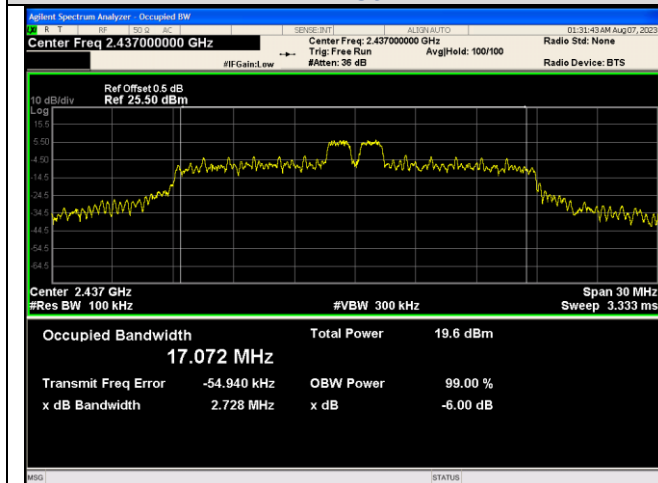
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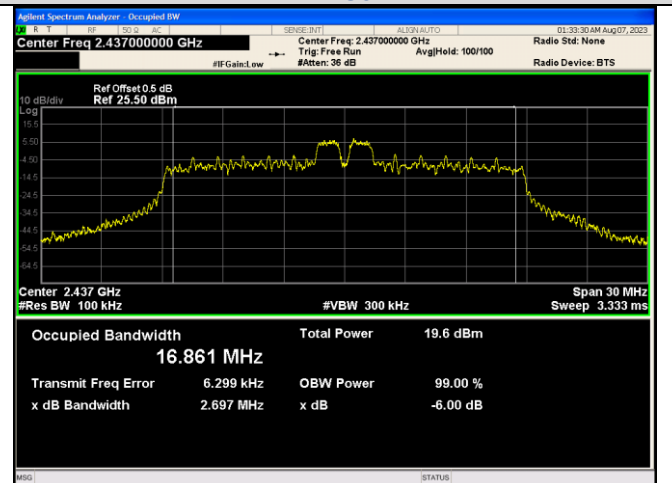
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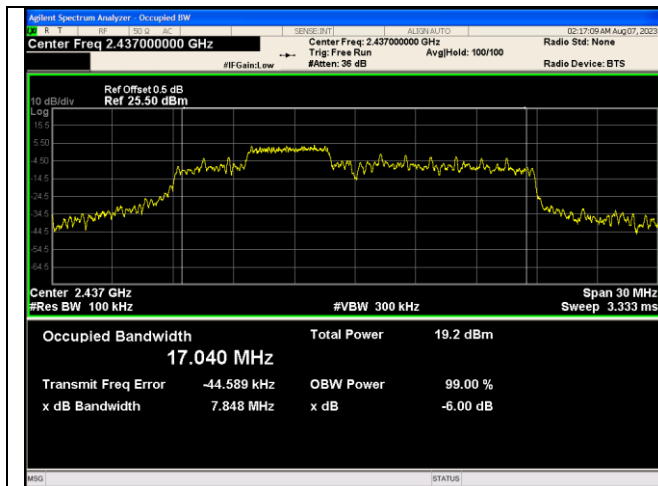
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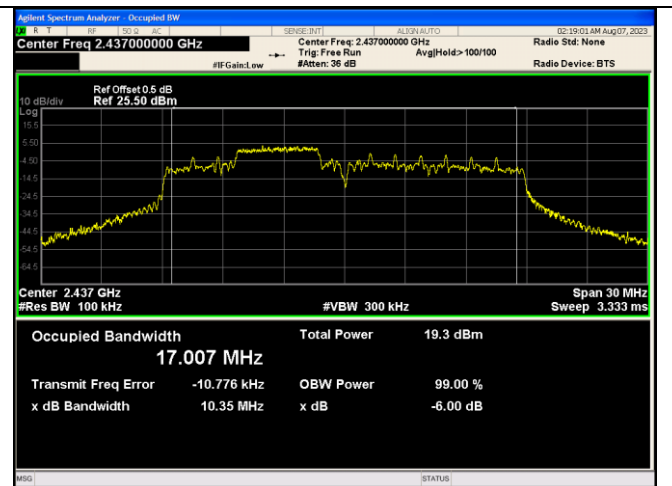
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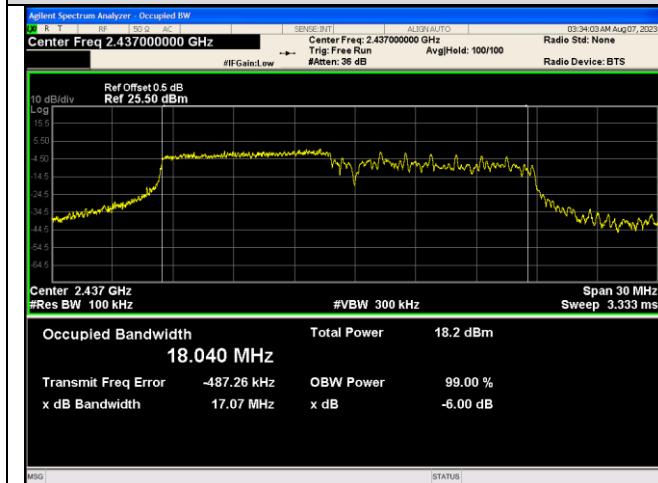
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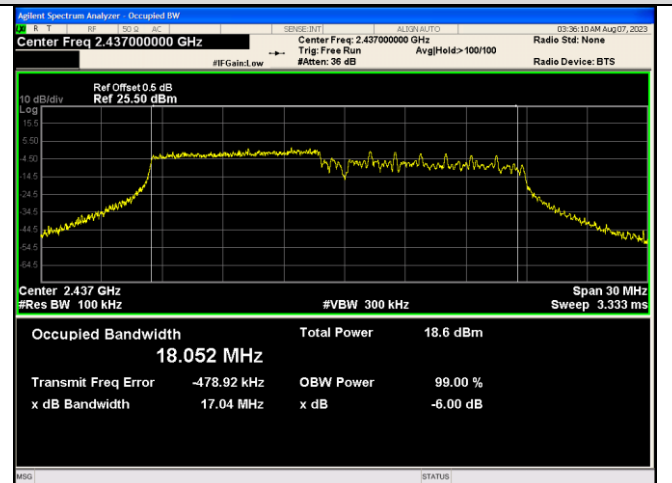
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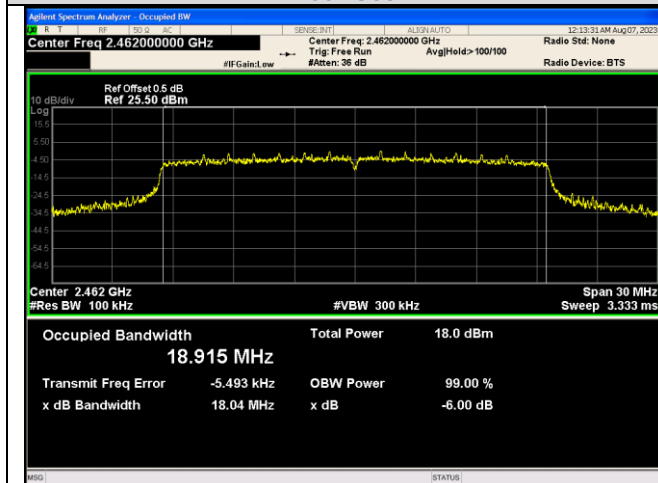
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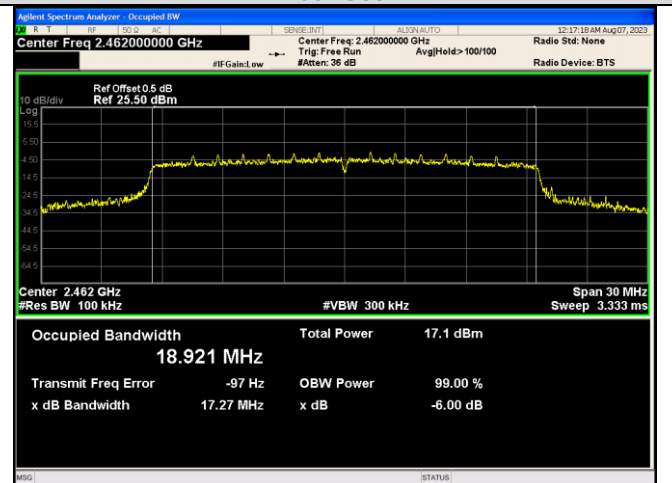
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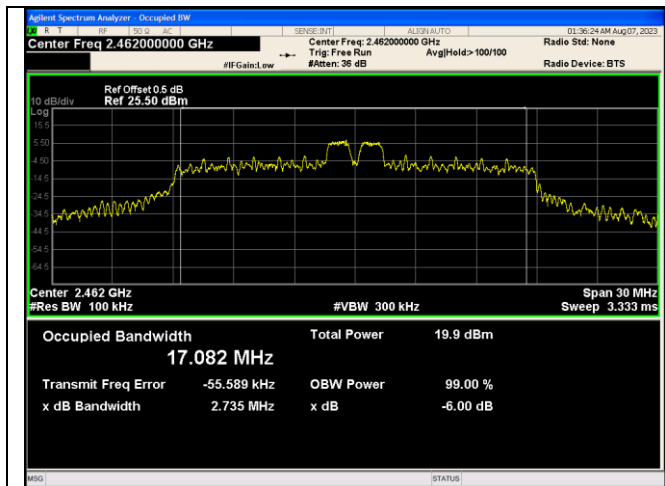
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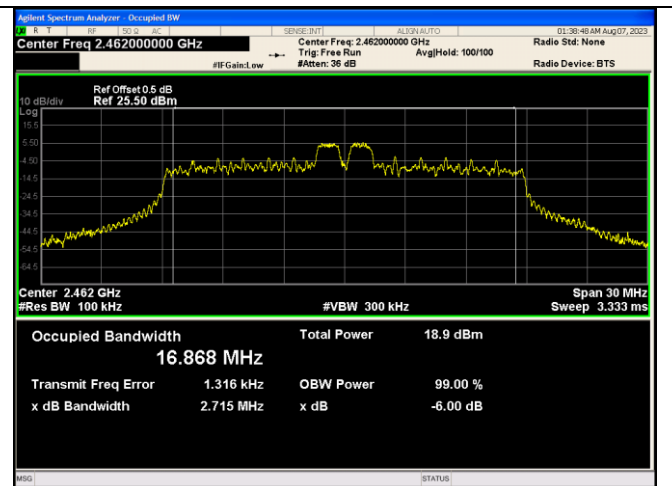
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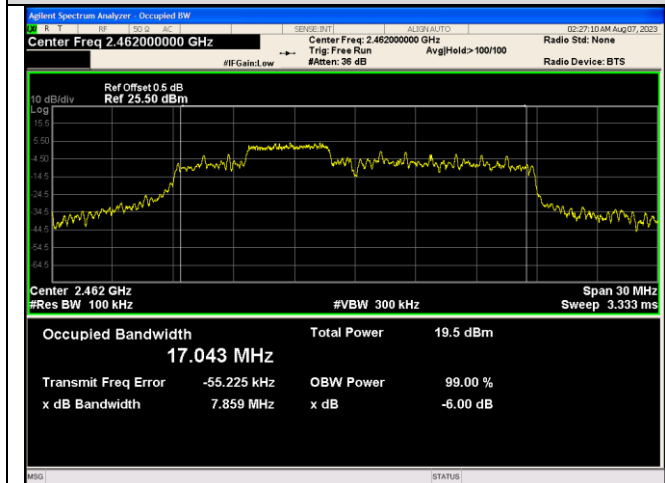
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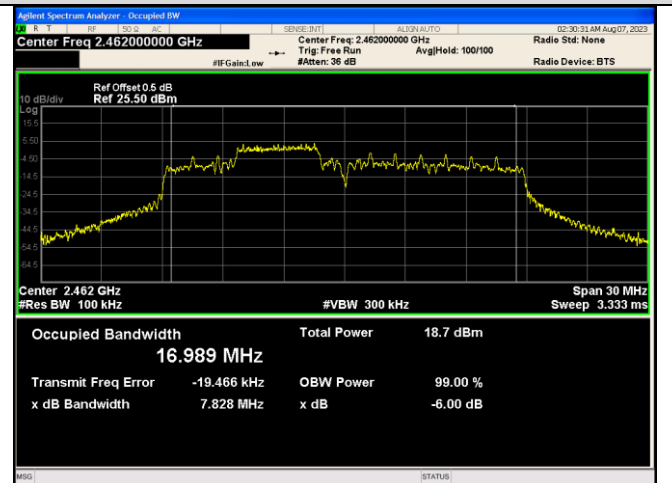
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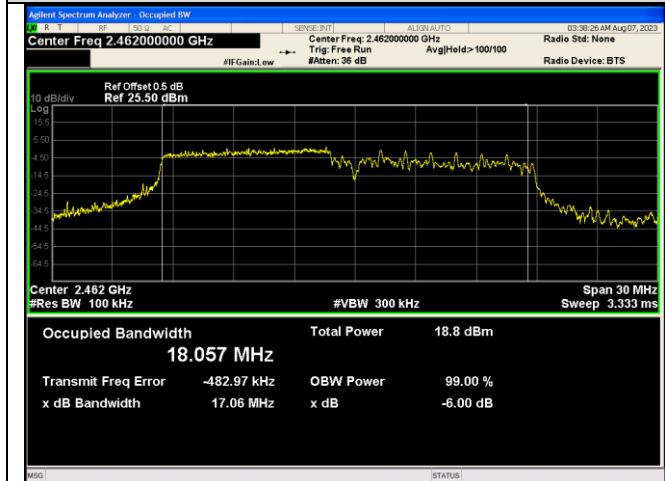
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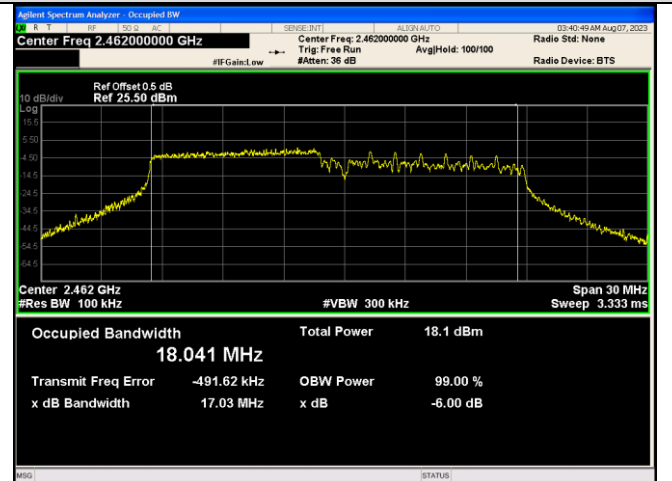
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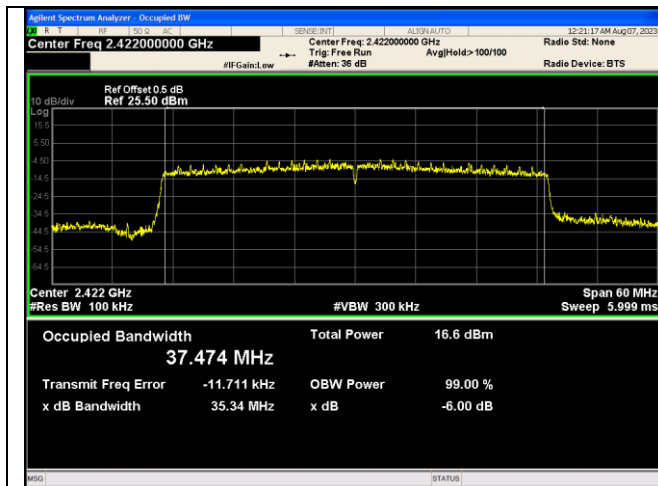
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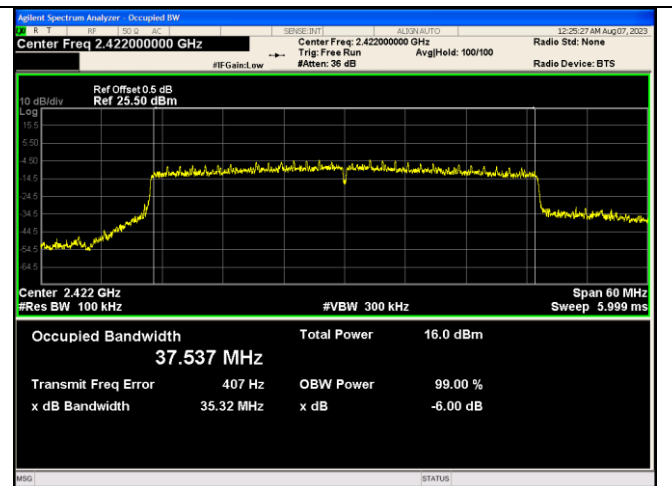
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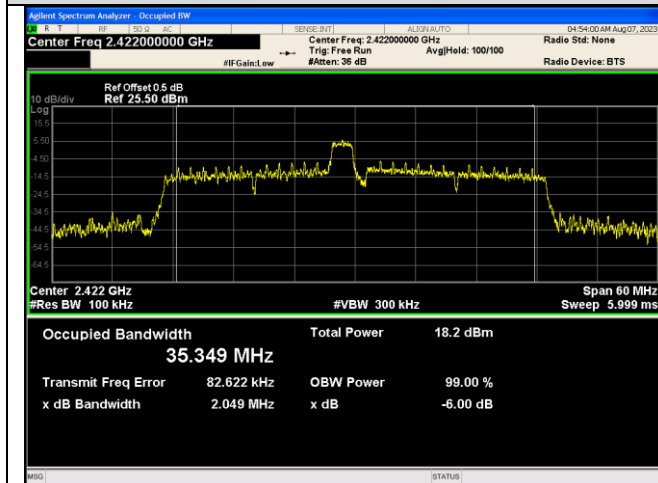
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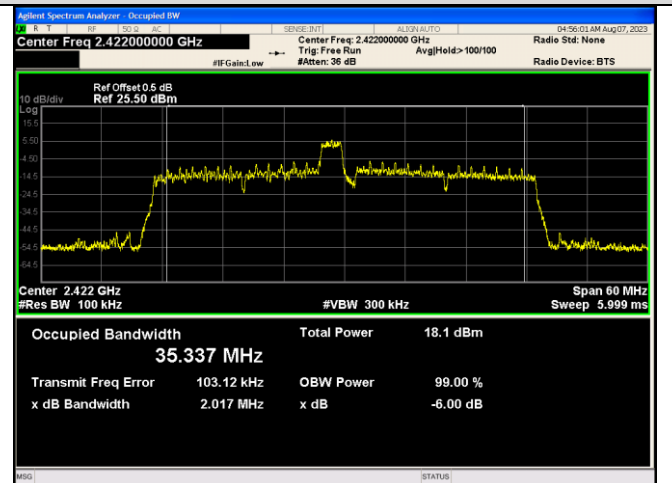
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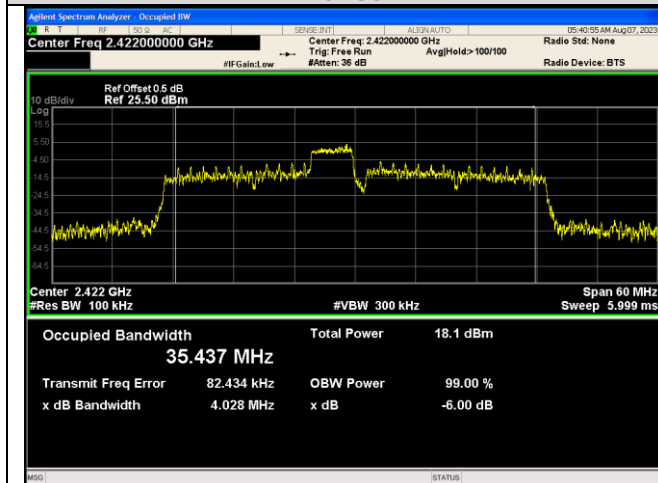
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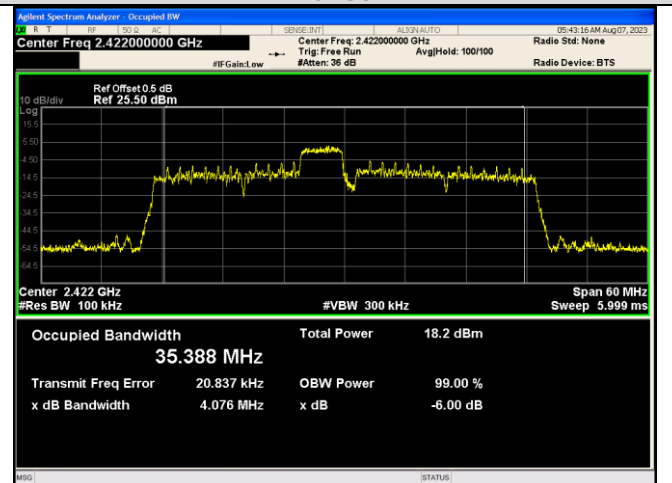
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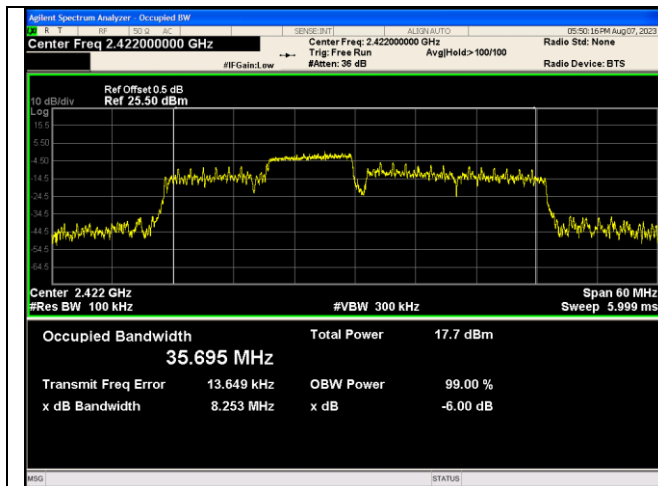
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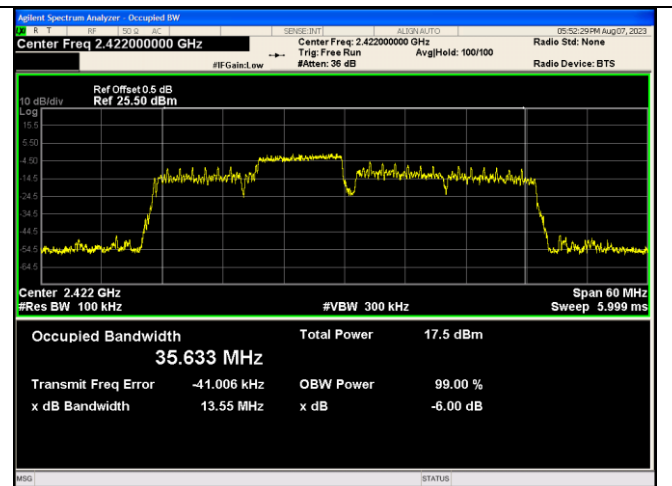
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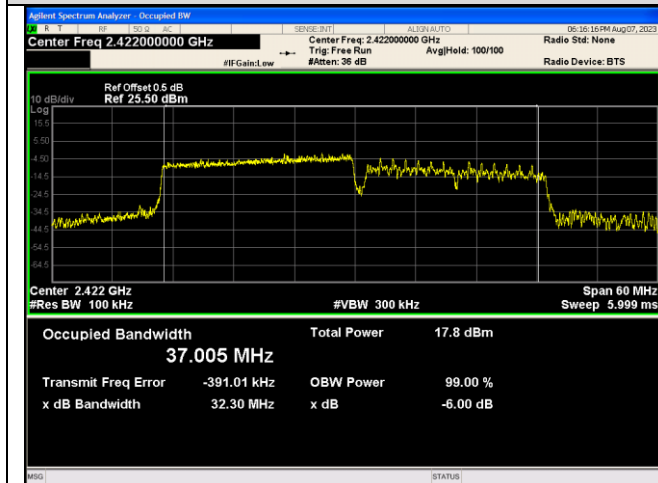
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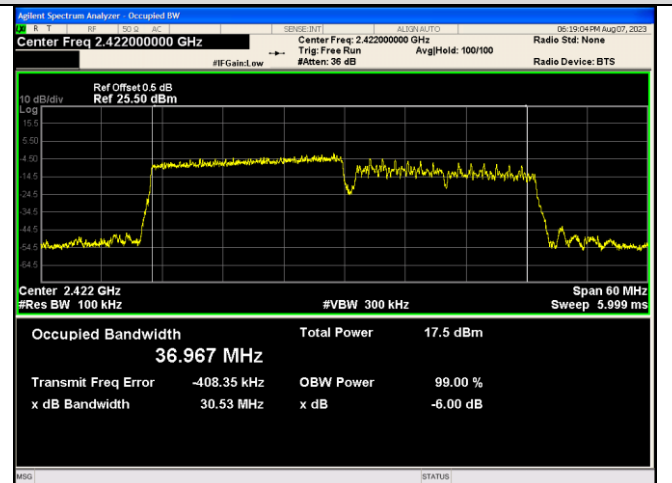
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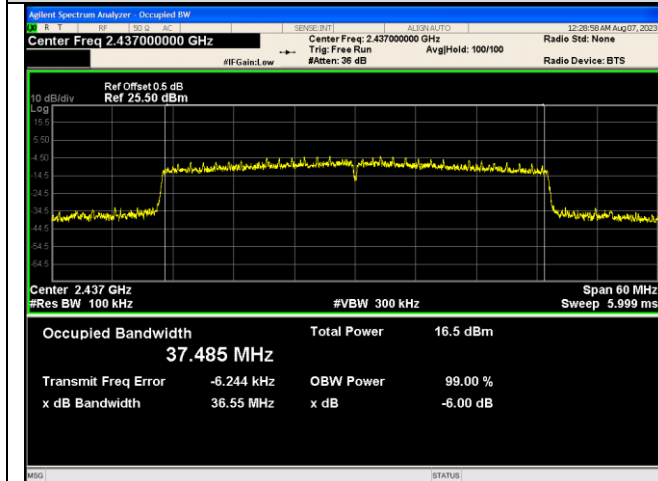
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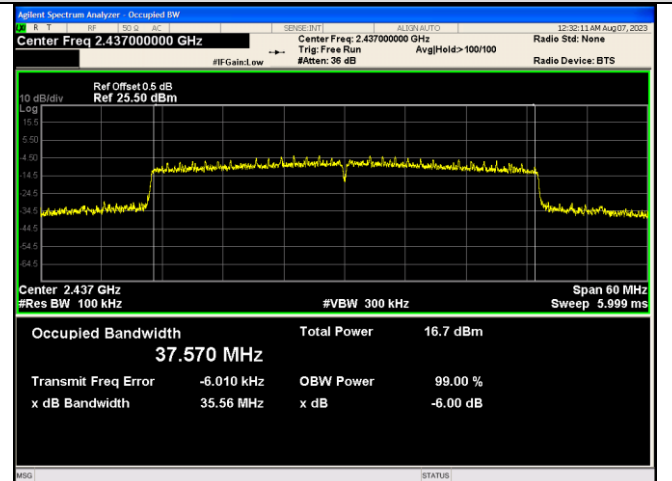
IEEE 802.11ax_Channel 3_40MHz_Antenna 0_RU&Index 242RU61



IEEE 802.11ax_Channel 3_40MHz_Antenna 1_RU&Index 242RU61



IEEE 802.11ax_Channel 6_40MHz_Antenna 0_RU&Index 484RU65



IEEE 802.11ax_Channel 6_40MHz_Antenna 1_RU&Index 484RU65