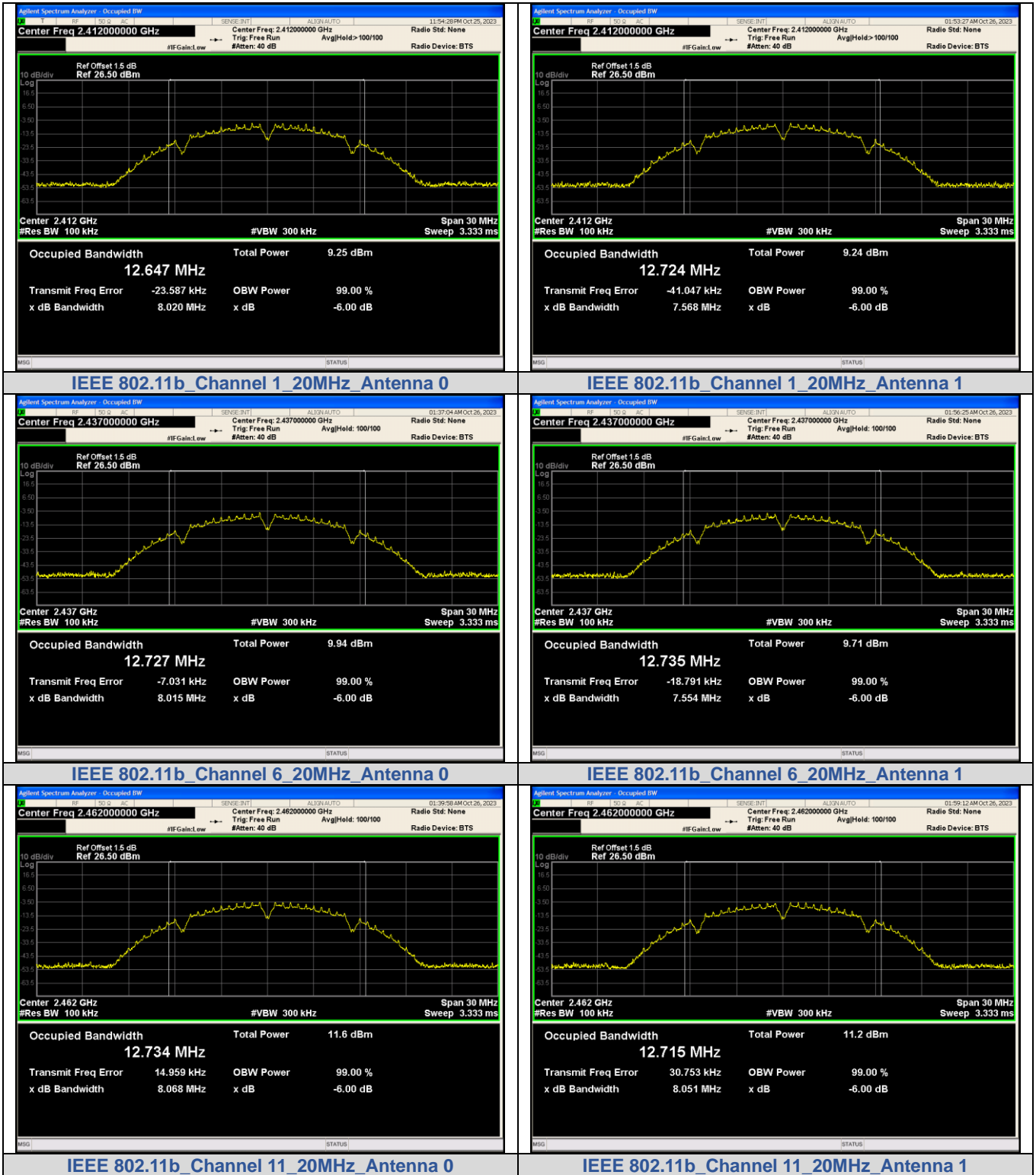




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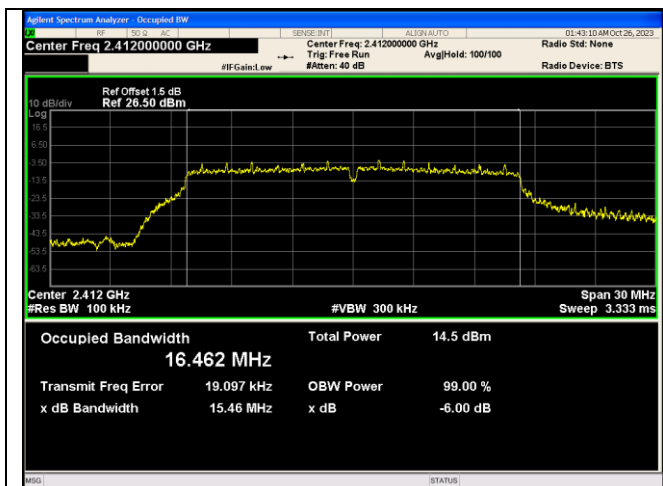


CTC Laboratories, Inc.

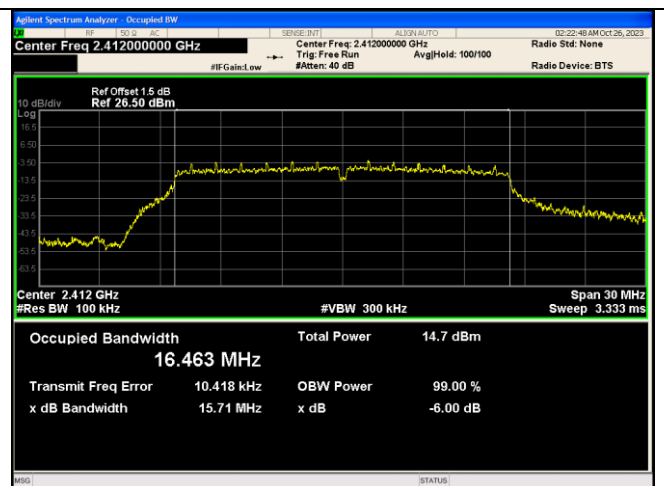
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



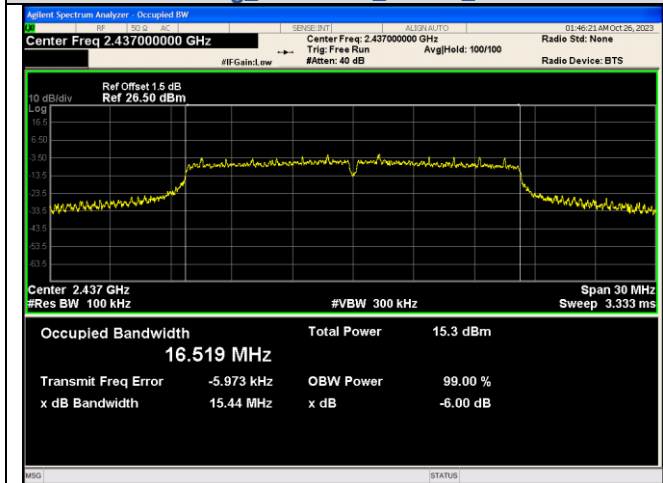
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



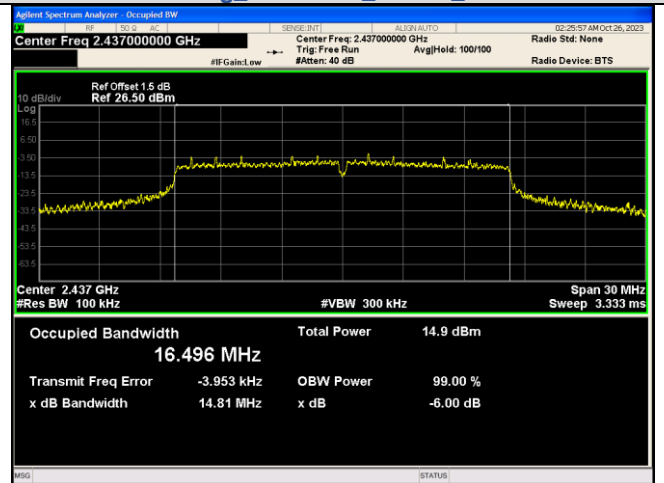
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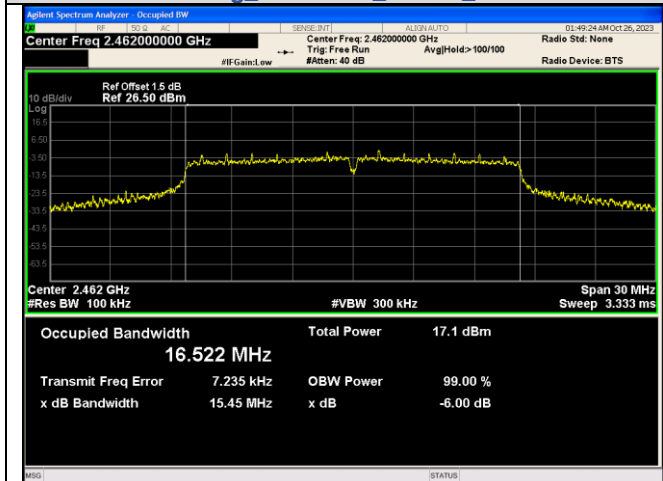
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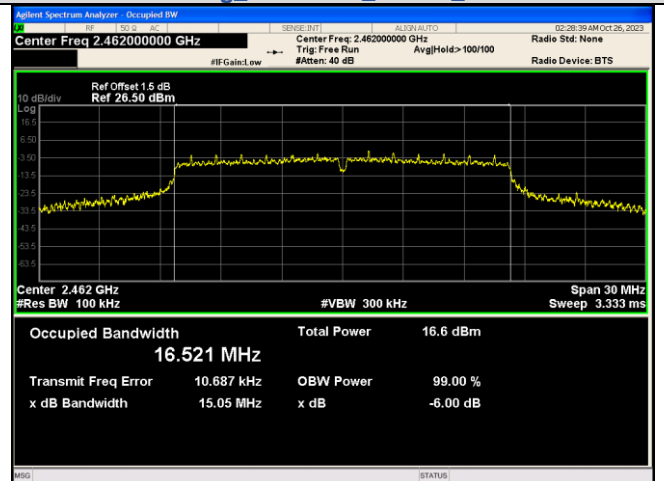
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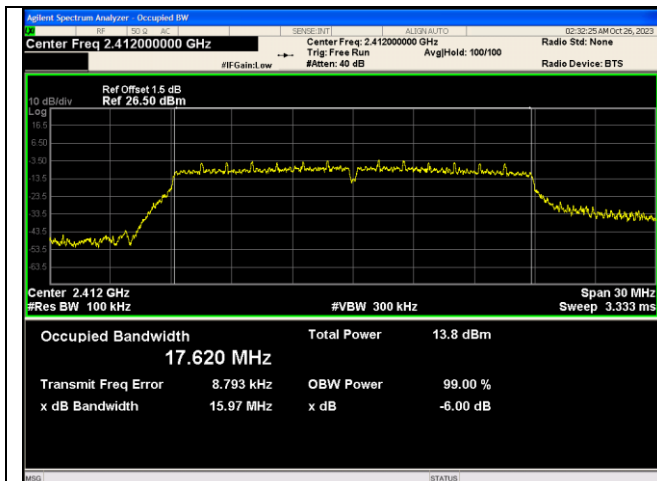
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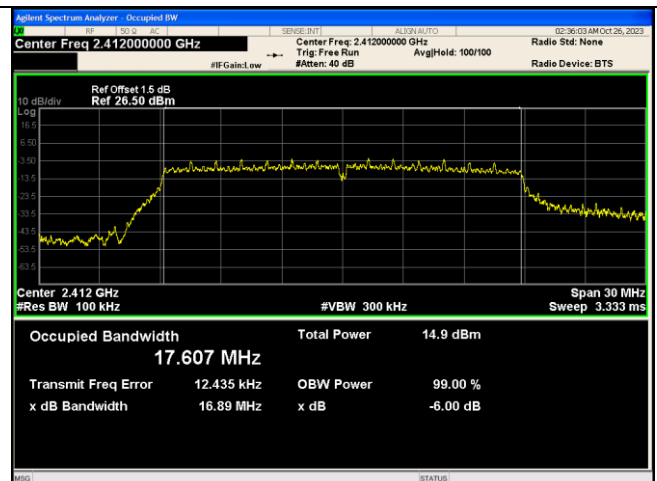
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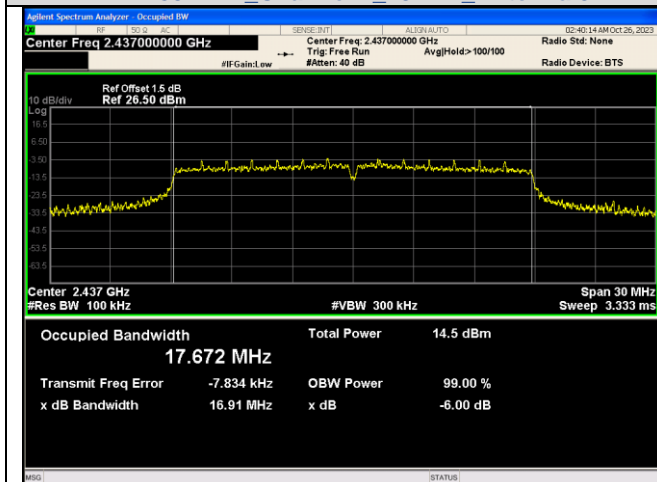
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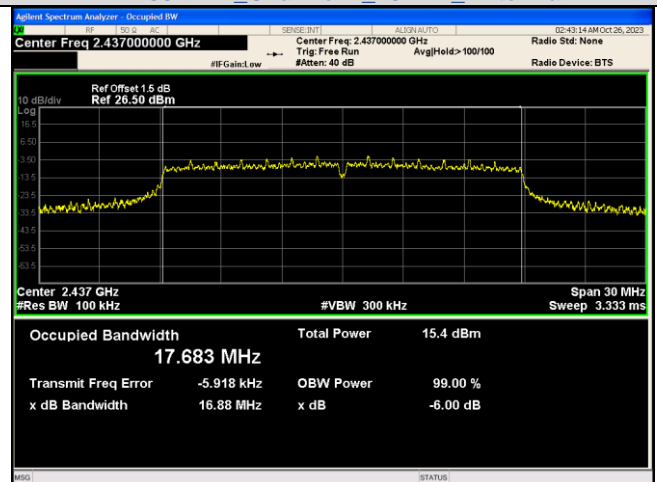
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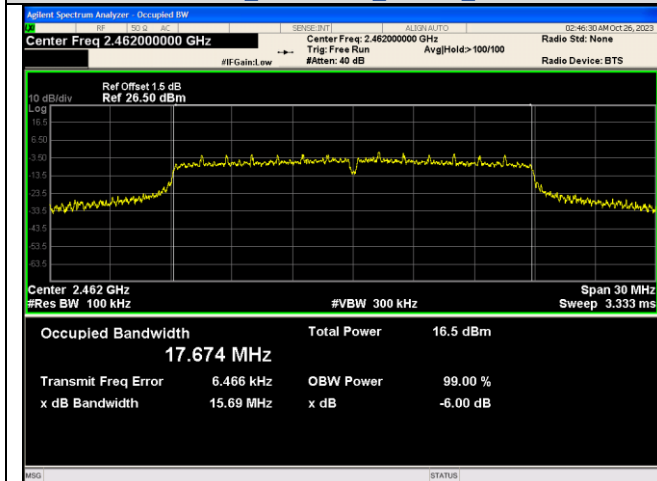
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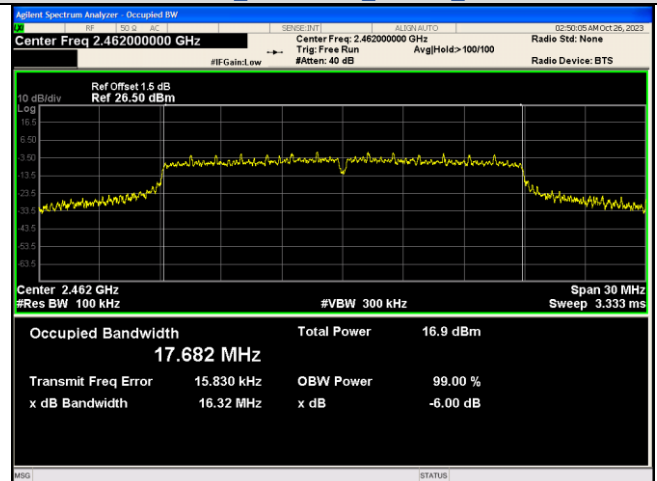
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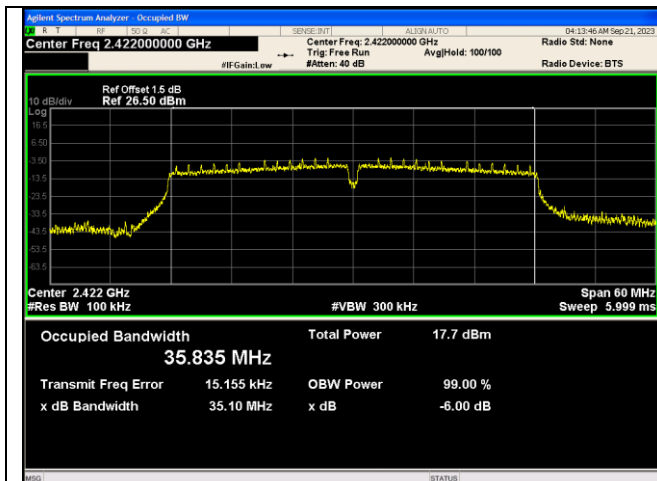
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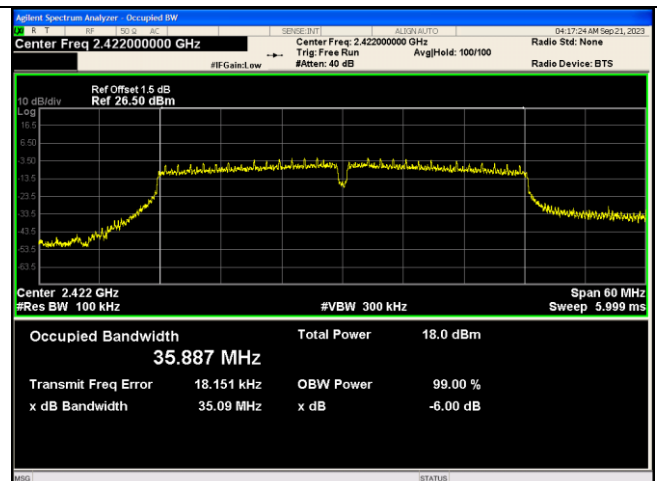
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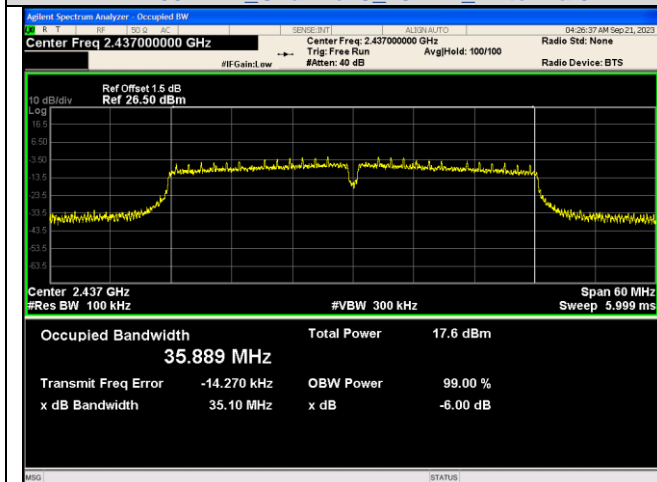
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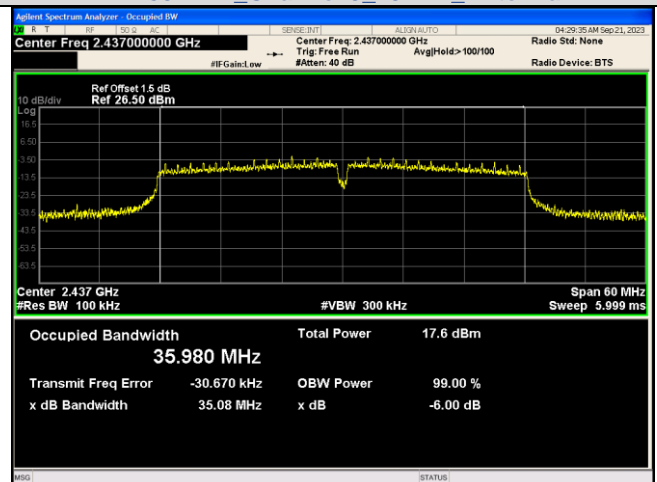
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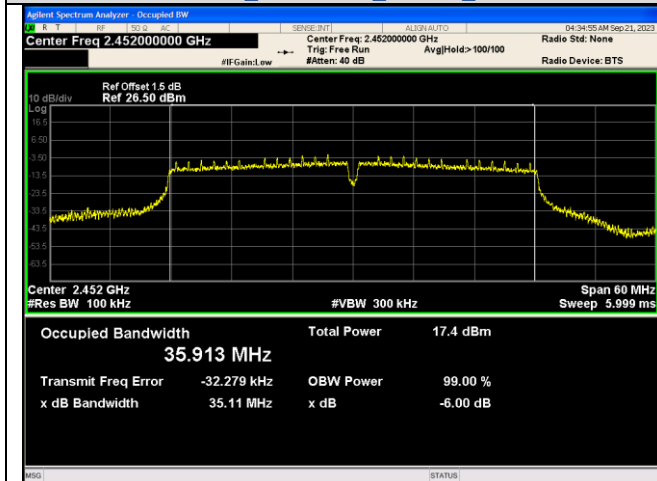
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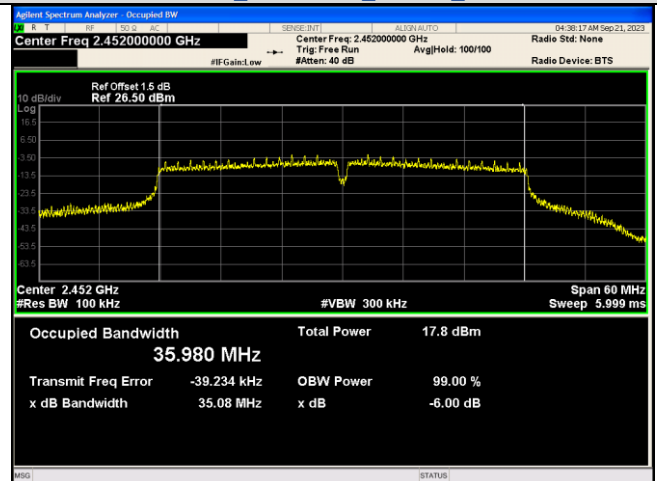
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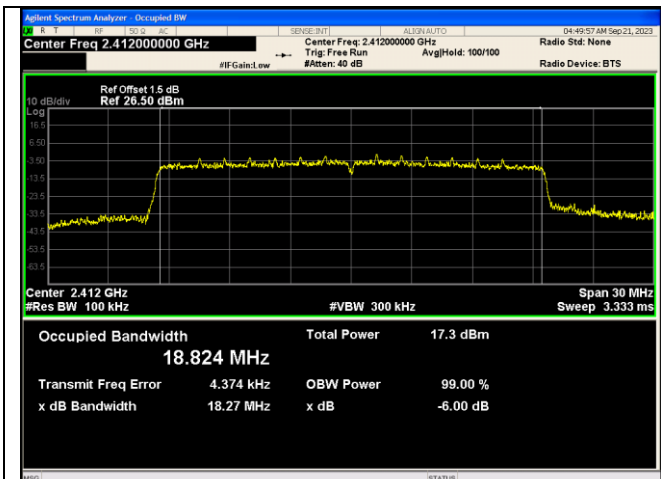
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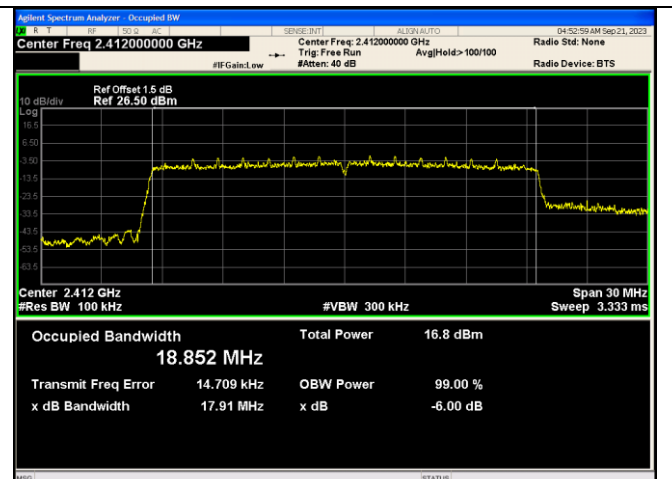
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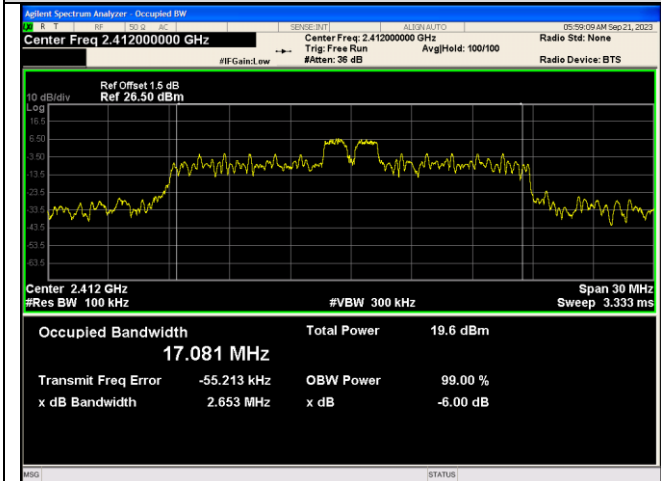
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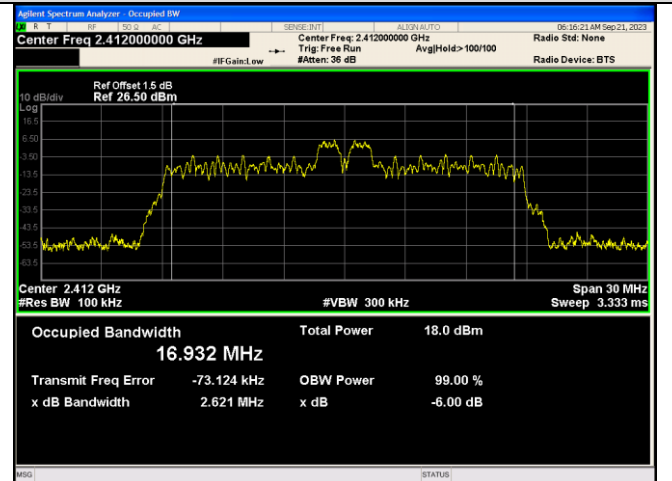
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 242RU61



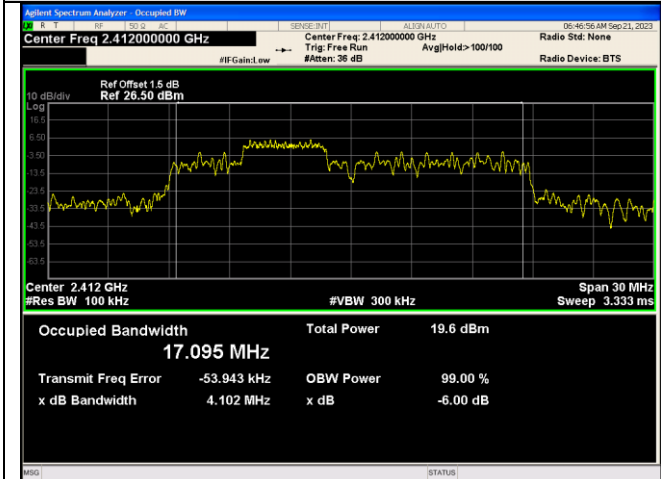
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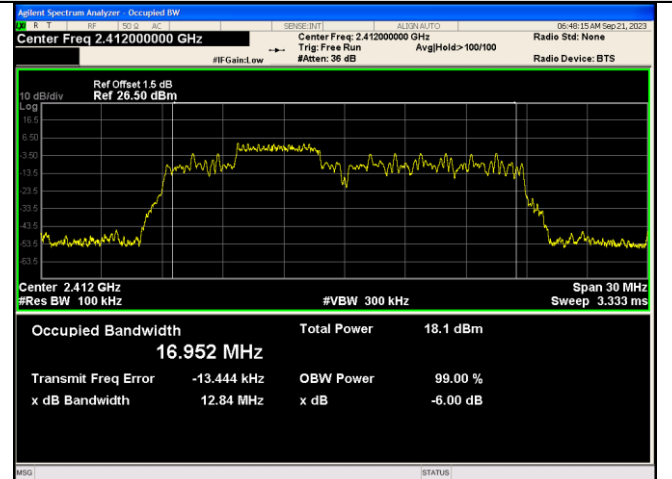
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 26RU4



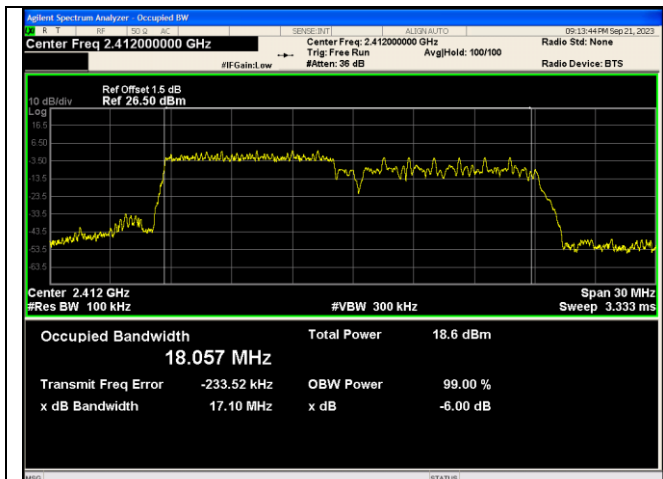
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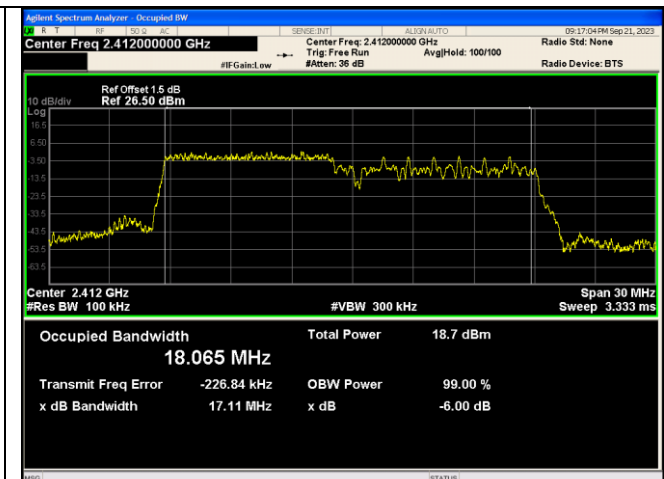
IEEE 802.11ax_Channel 1_20MHz_Antenna 0_RU&Index 52RU38



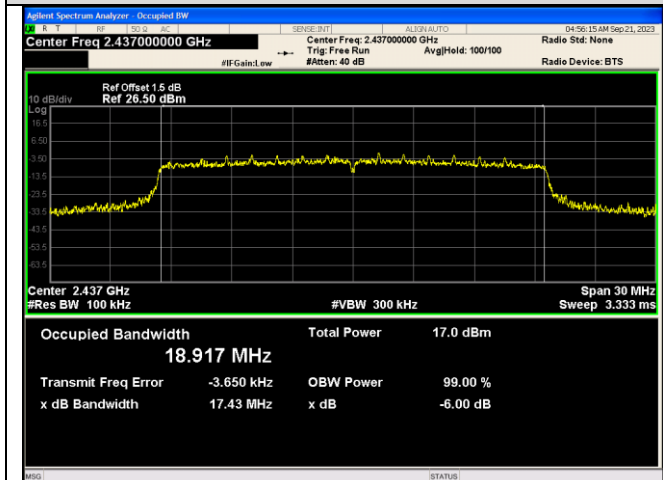
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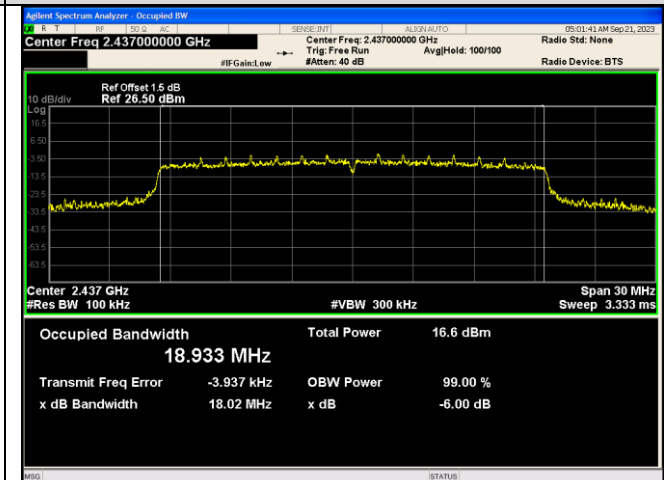
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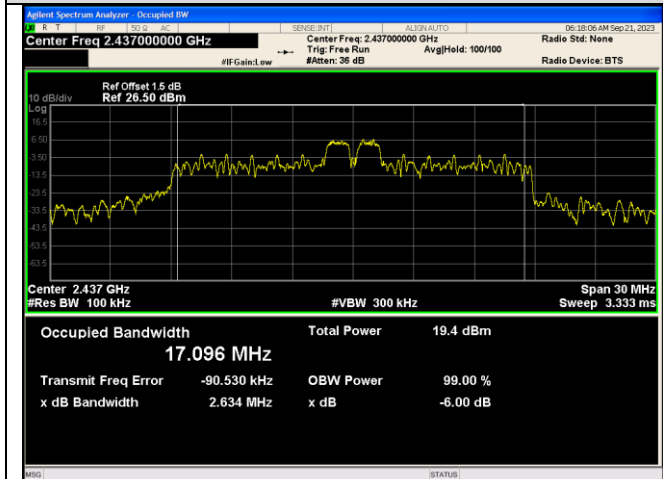
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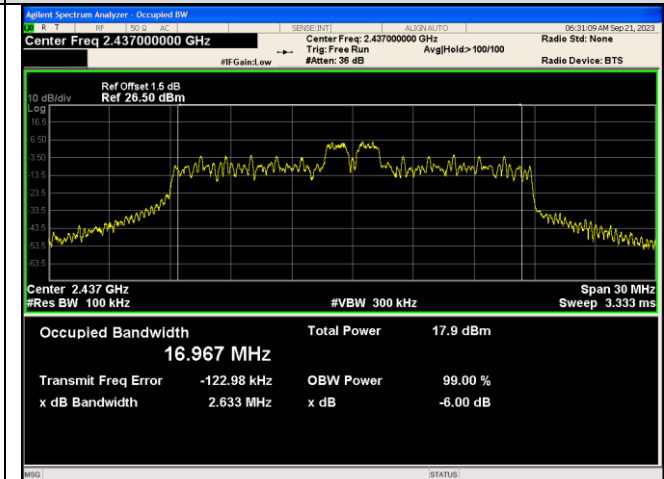
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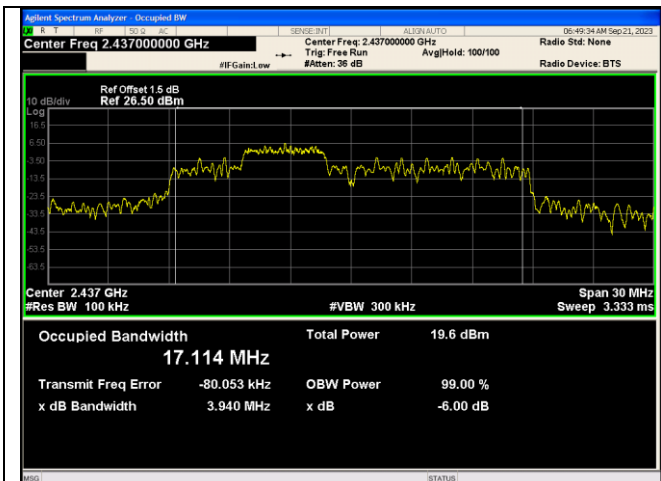
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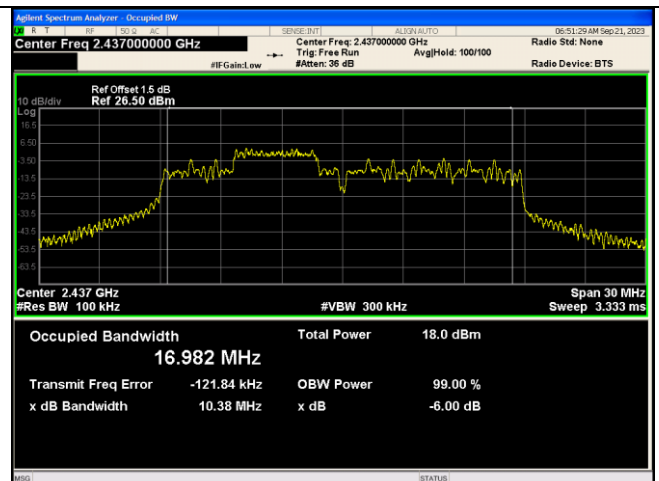
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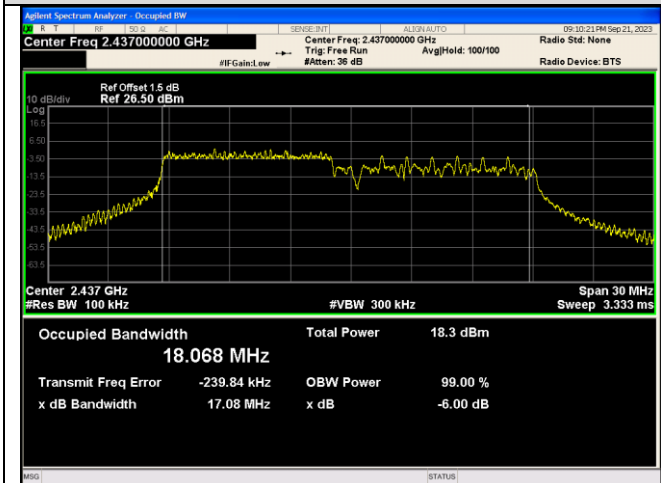
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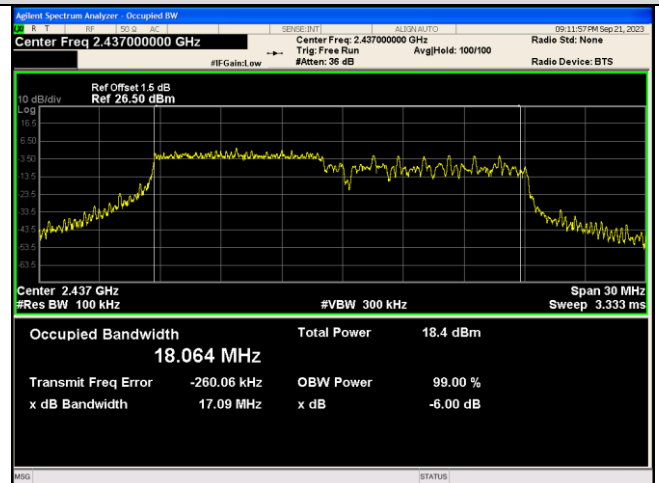
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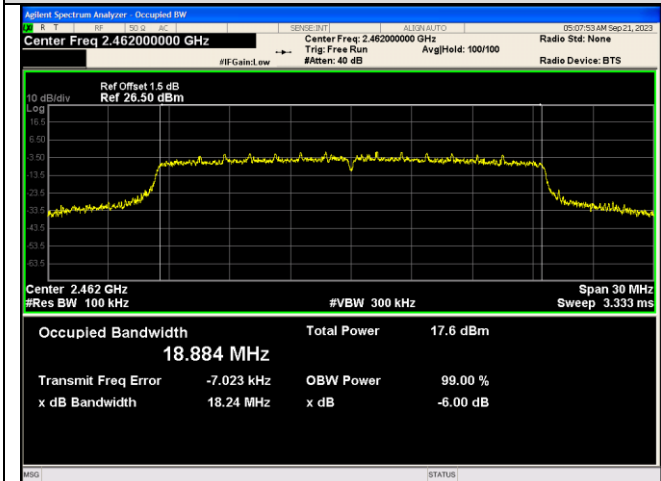
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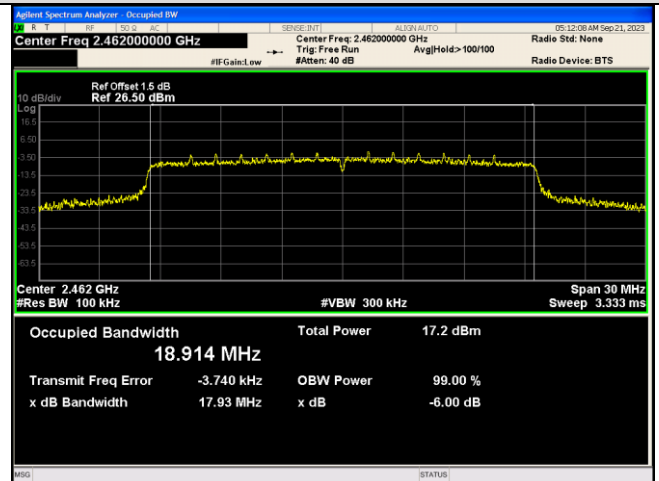
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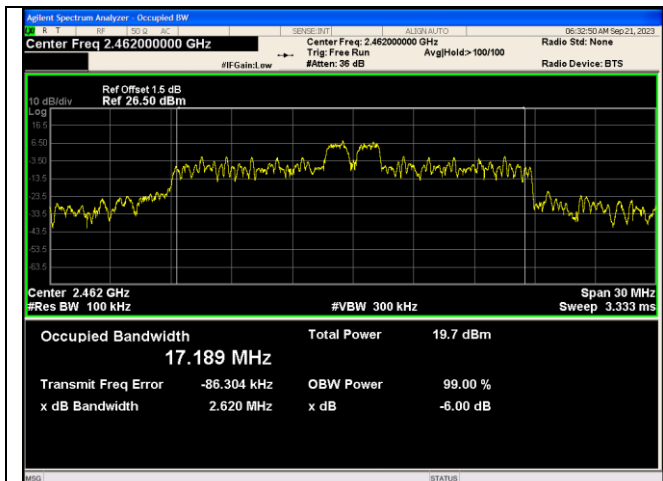
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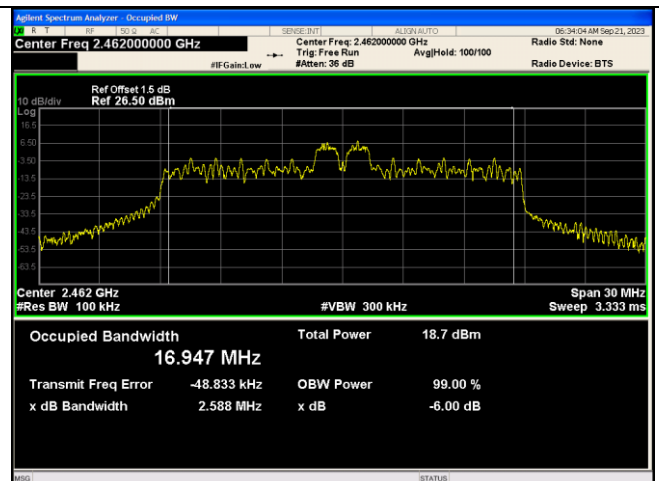
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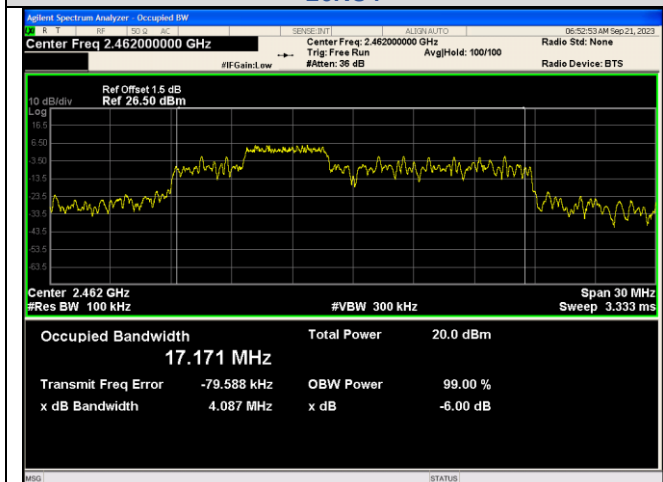
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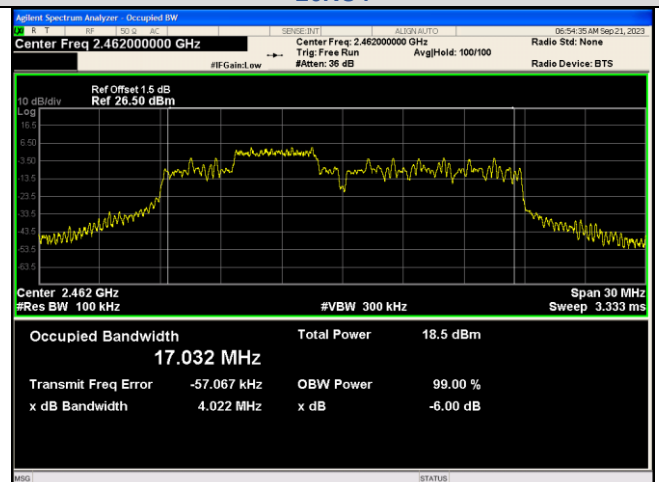
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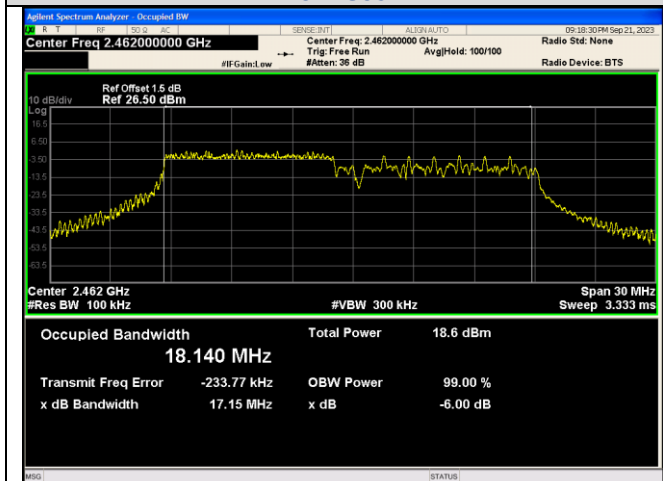
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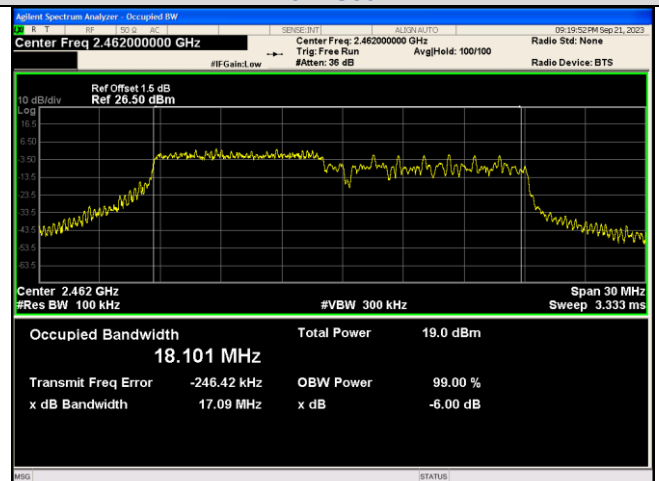
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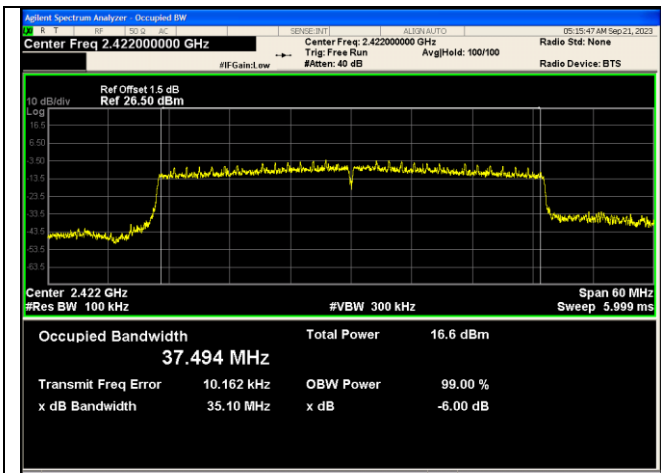
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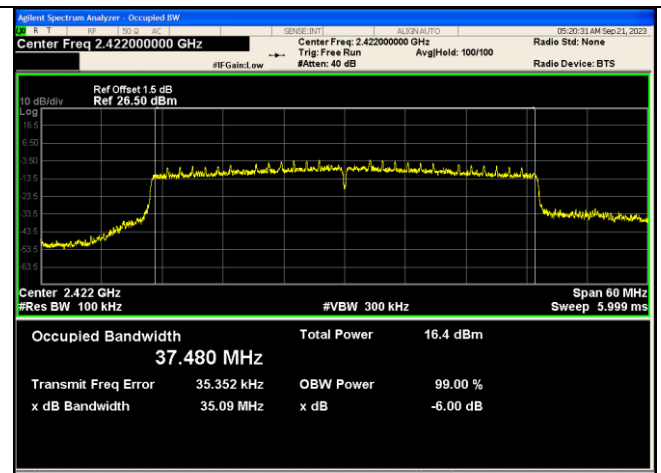
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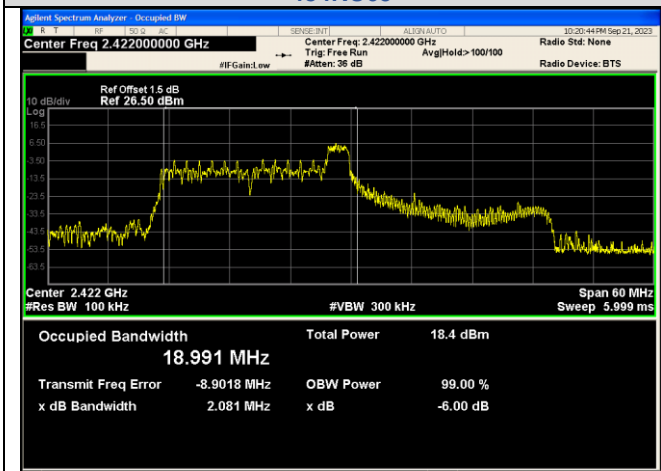
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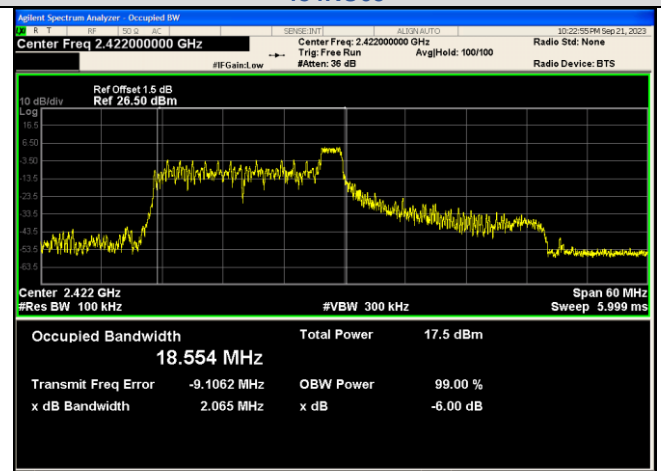
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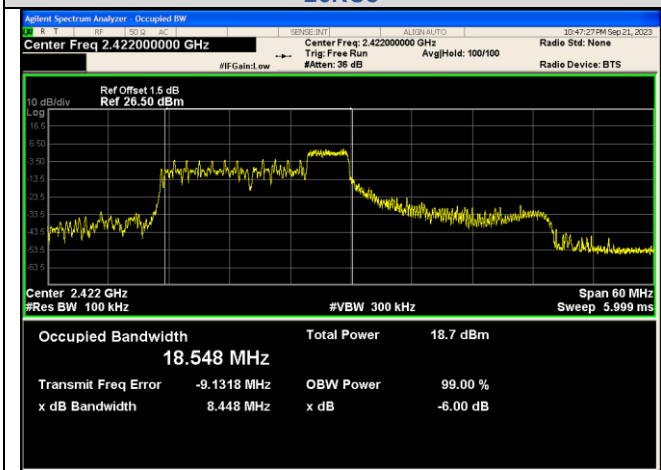
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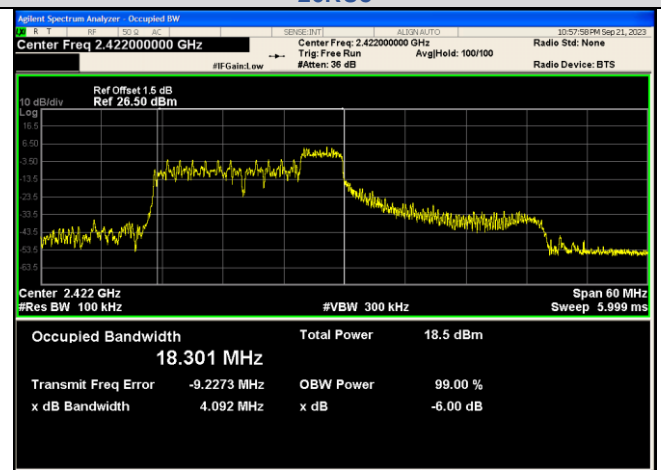
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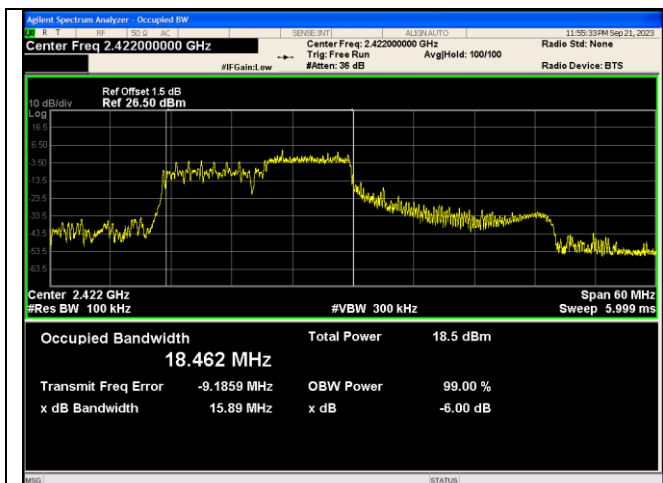
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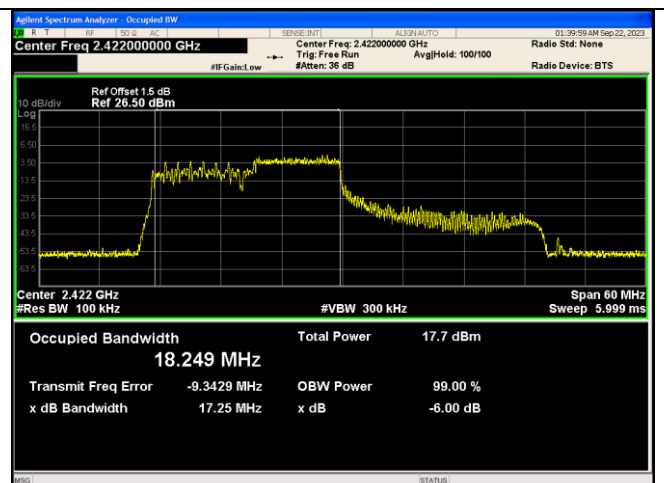
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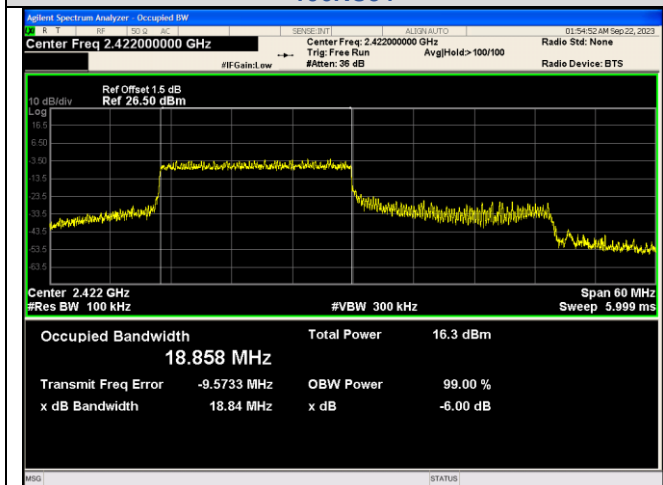
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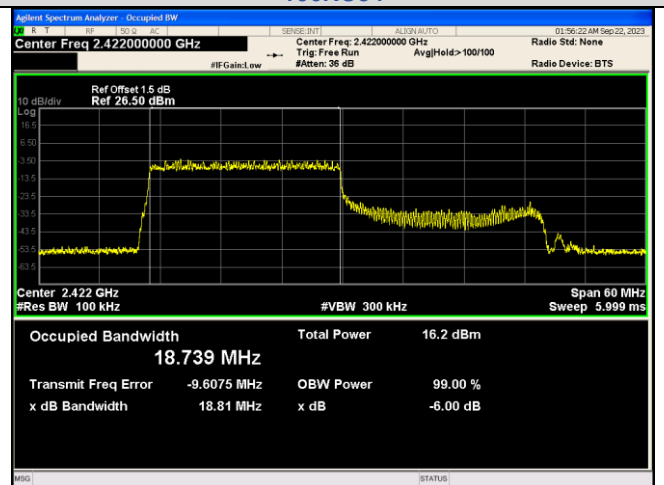
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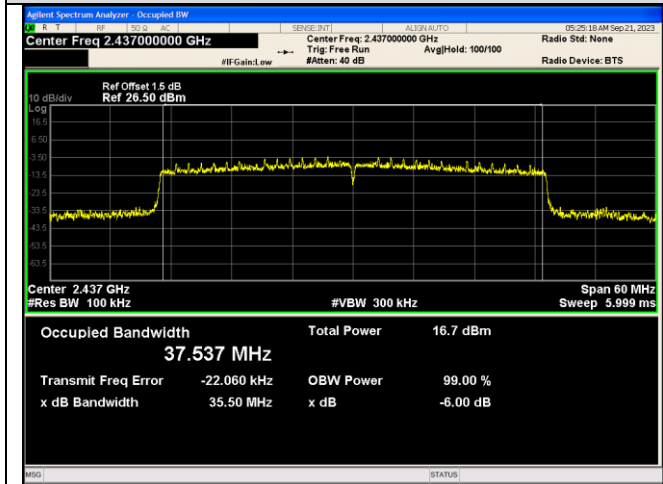
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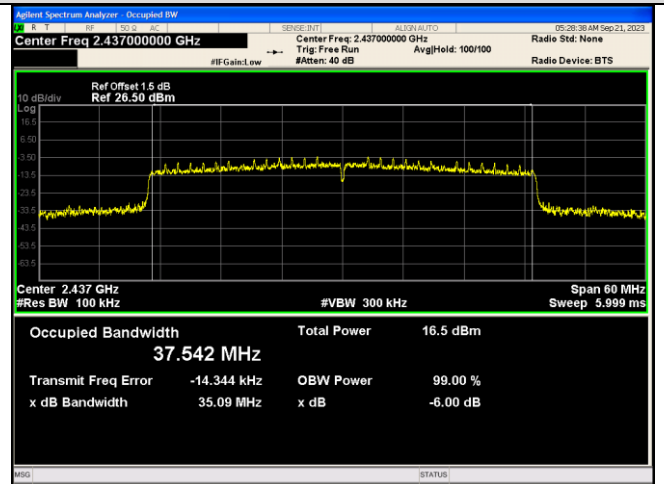
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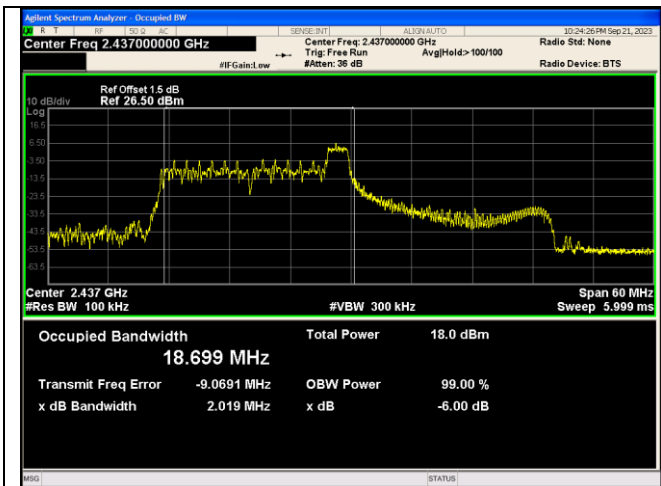
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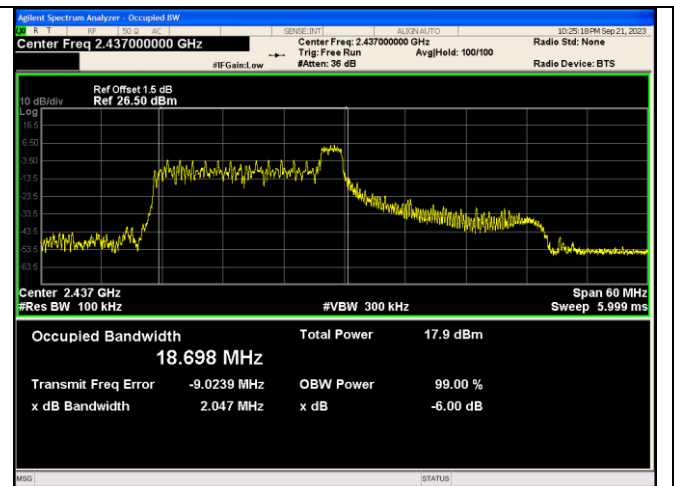
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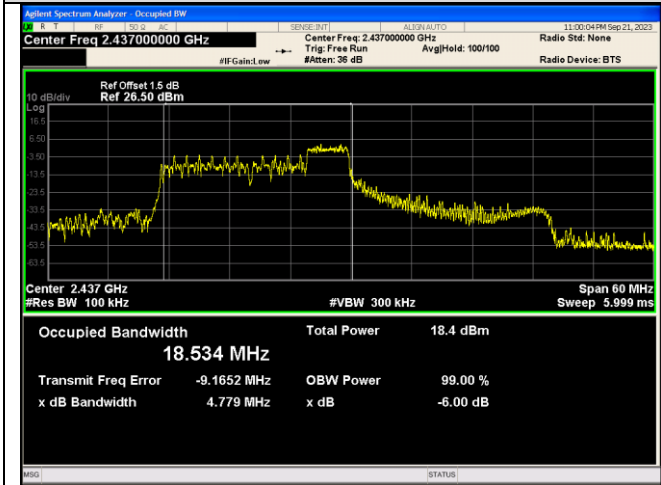
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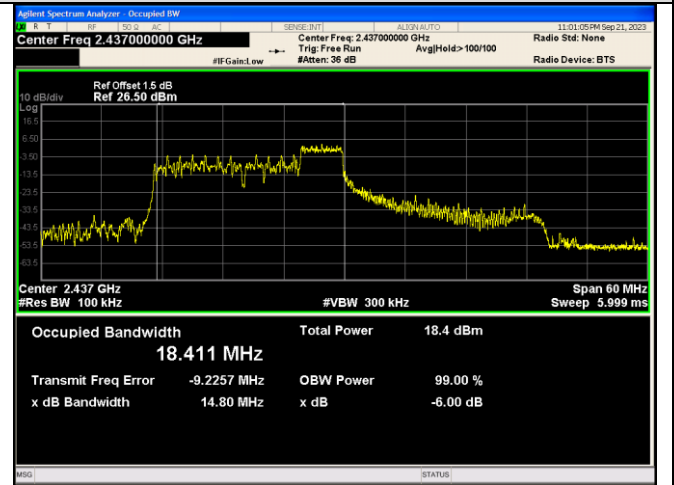
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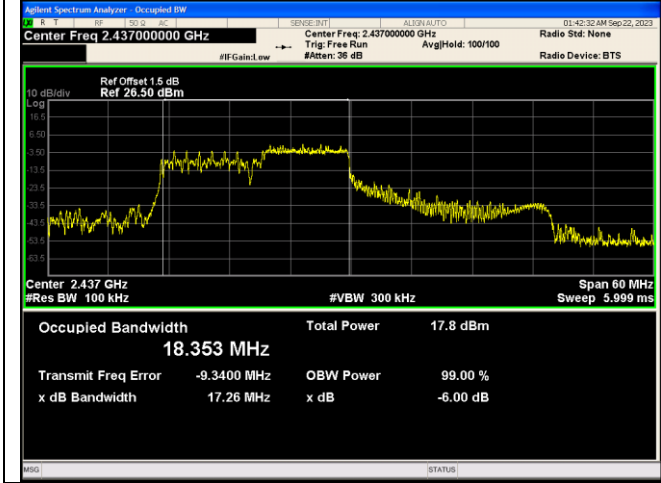
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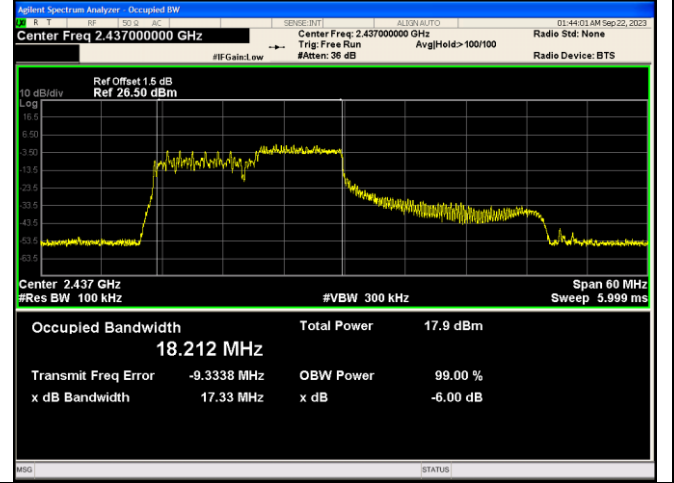
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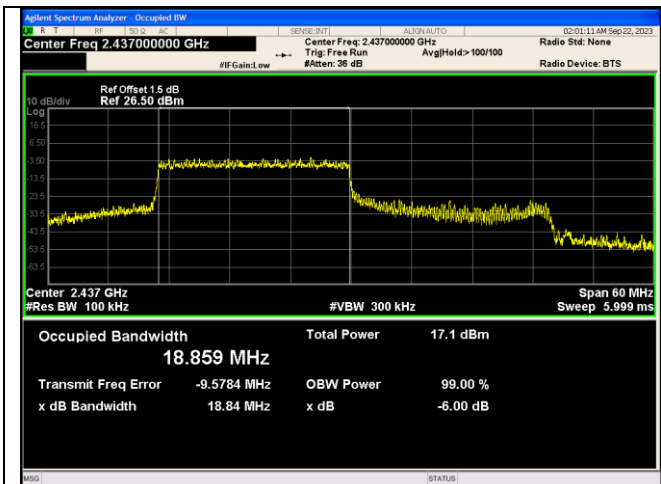
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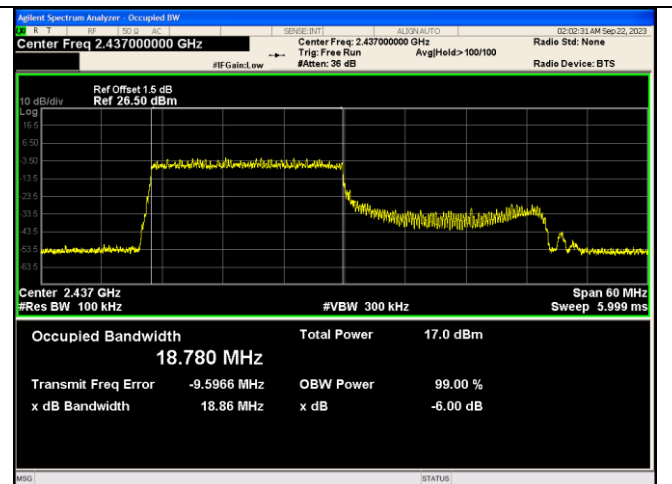
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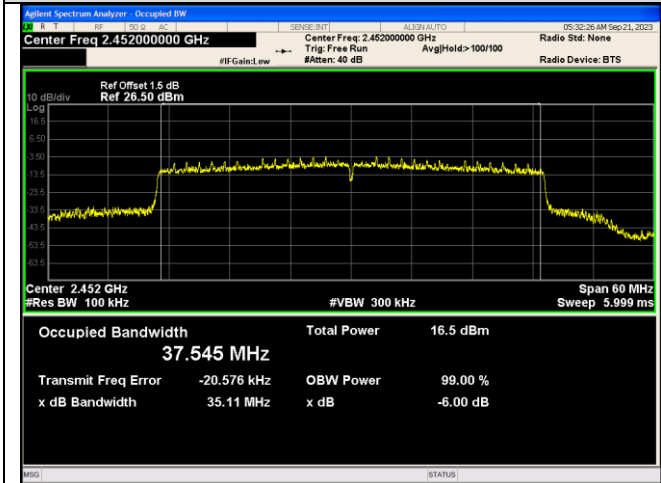
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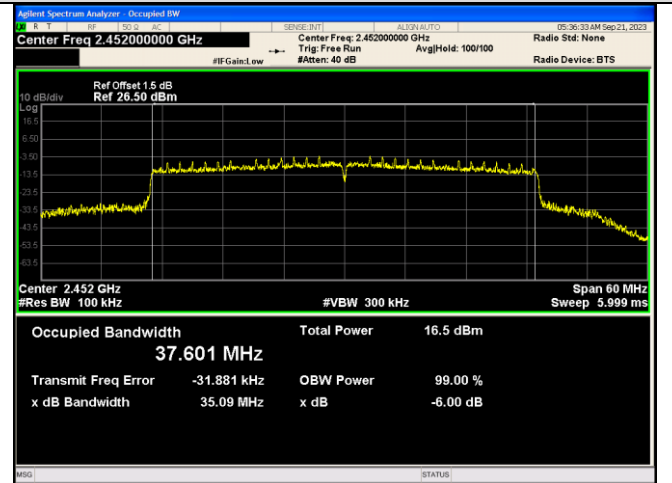
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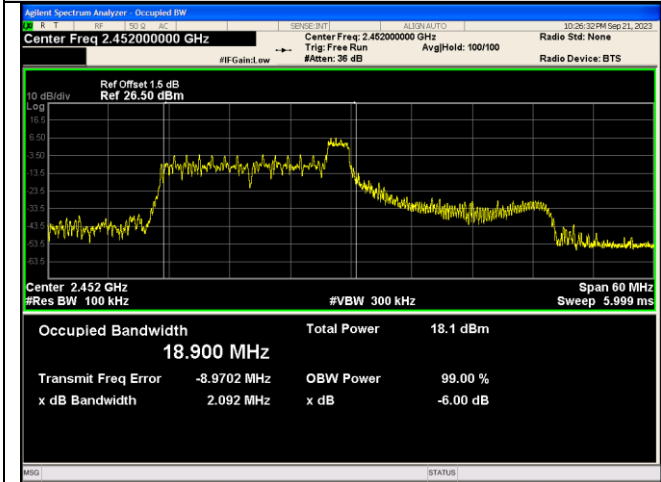
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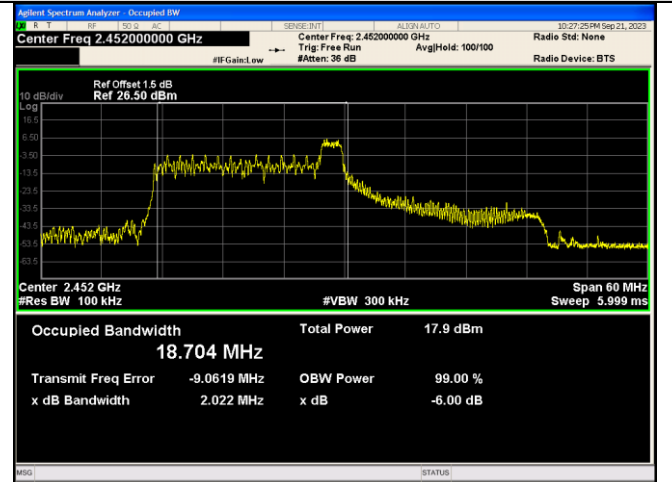
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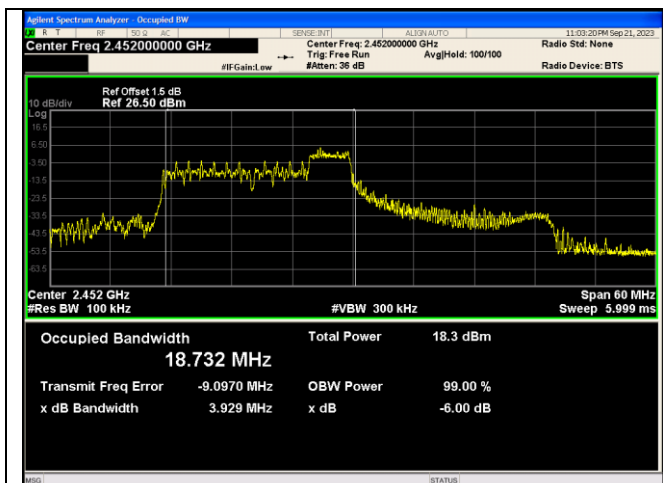


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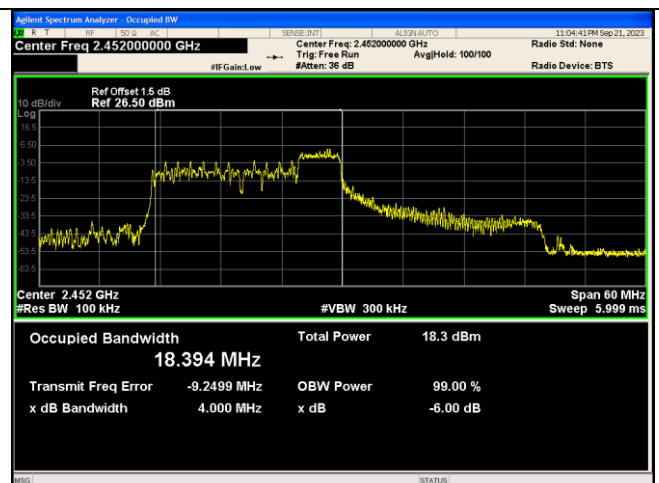


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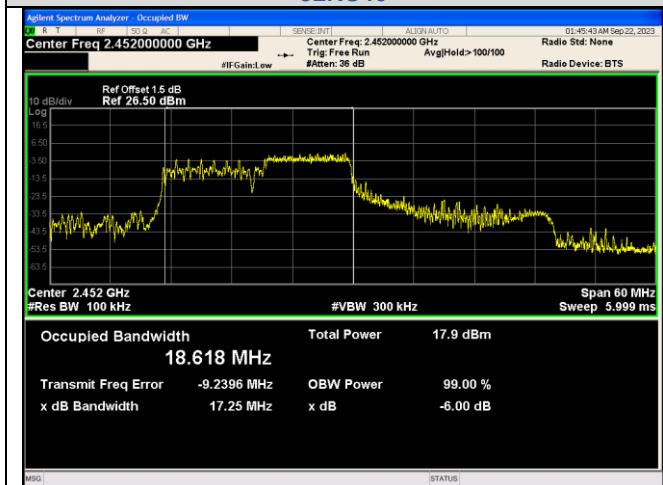




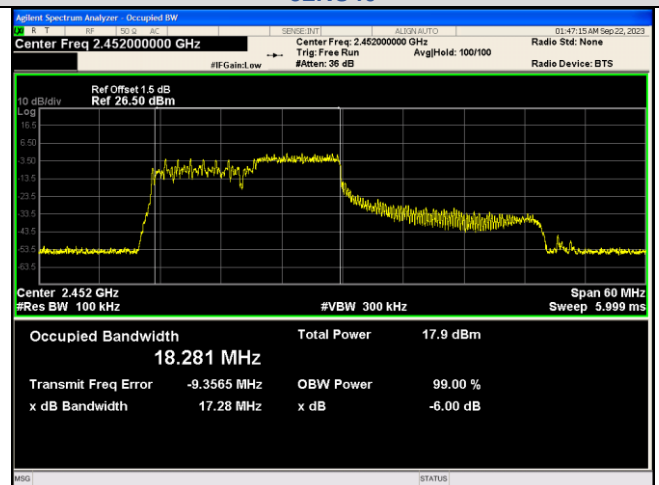
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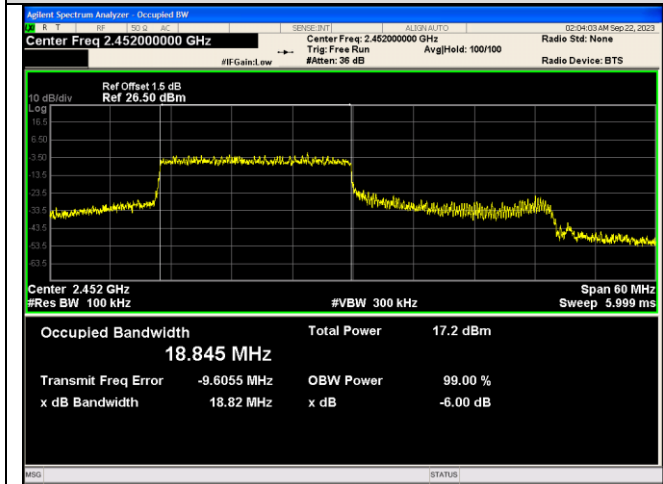
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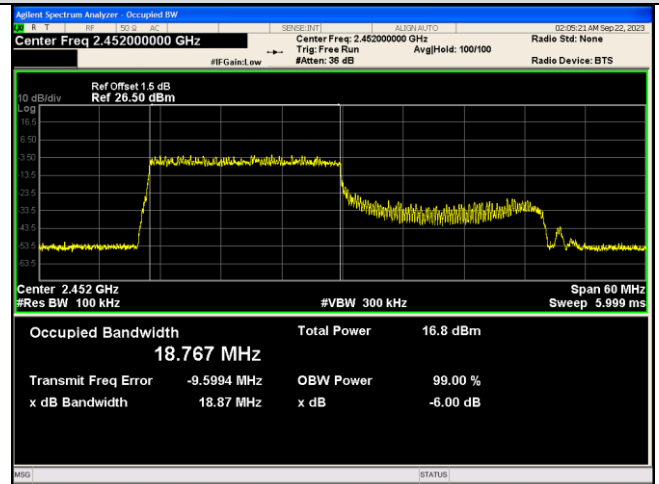
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IEEE 802.11ax_Channel 9_40MHz_Antenna 1_RU&Index 106RU54



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IEEE 802.11ax_Channel 9_40MHz_Antenna 1_RU&Index 242RU61





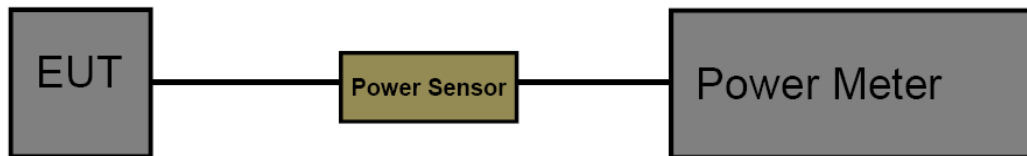
3.6. Peak Output Power

Limit

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

Section	Test Item	Limit	Frequency Range (MHz)
FCC CFR 47 Part 15.247 (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	2.124	2.434	N/A	30	PASS	
	6		2.943	2.768	N/A	30	PASS	
	11		4.69	4.399	N/A	30	PASS	
IEEE 802.11g	1		8.066	8.101	N/A	30	PASS	
	6		8.798	8.542	N/A	30	PASS	
	11		10.609	10.242	N/A	30	PASS	
IEEE 802.11n_20	1		7.135	7.88	10.53	29.62	PASS	
	6		8.082	8.448	11.28	29.62	PASS	
	11		9.905	10.122	13.03	29.62	PASS	
IEEE 802.11n_40	3		10.879	10.903	13.9	29.62	PASS	
	6		10.723	10.76	13.75	29.62	PASS	
	9		10.665	10.744	13.71	29.62	PASS	
IEEE 802.11ax_20	1		242RU61	10.228	9.849	13.05	29.62	PASS
			26RU0	9.695	8.351	12.09	29.62	PASS
			26RU4	10.013	8.645	12.39	29.62	PASS
		26RU8	10.101	8.748	12.49	29.62	PASS	
		52RU37	10.0	8.48	12.32	29.62	PASS	
		52RU38	10.146	8.546	12.43	29.62	PASS	
		52RU40	10.157	8.827	12.55	29.62	PASS	
		106RU53	9.231	9.547	12.4	29.62	PASS	
		106RU54	9.065	9.351	12.22	29.62	PASS	
	6	242RU61	10.079	9.759	12.93	29.62	PASS	
		26RU0	9.985	8.756	12.42	29.62	PASS	
		26RU4	9.916	8.517	12.28	29.62	PASS	
		26RU8	9.747	8.477	12.17	29.62	PASS	
		52RU37	10.06	8.692	12.44	29.62	PASS	
		52RU38	10.105	8.652	12.45	29.62	PASS	
		52RU40	9.303	9.536	12.43	29.62	PASS	
		106RU53	9.235	9.465	12.36	29.62	PASS	
		106RU54	9.233	9.38	12.32	29.62	PASS	
	11	242RU61	10.591	10.304	13.46	29.62	PASS	
		26RU0	10.472	9.033	12.82	29.62	PASS	
		26RU4	10.551	9.128	12.91	29.62	PASS	
		26RU8	10.608	8.966	12.87	29.62	PASS	
		52RU37	10.678	9.068	12.96	29.62	PASS	
		52RU38	10.692	9.02	12.95	29.62	PASS	
		52RU40	9.586	9.695	12.65	29.62	PASS	
		106RU53	9.51	9.75	12.64	29.62	PASS	
		106RU54	9.784	10.016	12.91	29.62	PASS	
IEEE 802.11ax_40	3	484RU65	9.637	9.651	12.65	29.62	PASS	
		26RU0	9.35	9.201	12.29	29.62	PASS	
		26RU8	8.89	8.956	11.93	29.62	PASS	
		26RU17	9.421	9.172	12.31	29.62	PASS	
		52RU37	9.153	8.825	12.0	29.62	PASS	
		52RU40	9.582	9.406	12.51	29.62	PASS	
		52RU44	8.942	8.895	11.93	29.62	PASS	
		106RU53	9.296	9.116	12.22	29.62	PASS	
		106RU54	9.663	9.235	12.46	29.62	PASS	
		106RU56	9.32	8.948	12.15	29.62	PASS	
		242RU61	9.437	9.04	12.25	29.62	PASS	
		242RU62	9.276	8.893	12.1	29.62	PASS	
	6	484RU65	9.647	9.643	12.66	29.62	PASS	
		26RU0	9.687	9.304	12.51	29.62	PASS	
		26RU8	8.721	8.962	11.85	29.62	PASS	
		26RU17	9.743	9.081	12.43	29.62	PASS	
		52RU37	9.036	8.805	11.93	29.62	PASS	
		52RU40	9.613	9.237	12.44	29.62	PASS	
		52RU44	9.233	8.808	12.04	29.62	PASS	
		106RU53	9.266	9.138	12.21	29.62	PASS	
		106RU54	9.402	9.089	12.26	29.62	PASS	
106RU56	9.372	8.914	12.16	29.62	PASS			
242RU61	9.393	8.973	12.2	29.62	PASS			

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9	242RU62	9.282	8.869	12.09	29.62	PASS
	484RU65	9.614	9.619	12.63	29.62	PASS
	26RU0	9.737	9.204	12.49	29.62	PASS
	26RU8	8.46	8.876	11.68	29.62	PASS
	26RU17	8.812	8.389	11.62	29.62	PASS
	52RU37	9.121	9.076	12.11	29.62	PASS
	52RU40	9.451	9.258	12.37	29.62	PASS
	52RU44	9.376	9.101	12.25	29.62	PASS
	106RU53	9.332	9.271	12.31	29.62	PASS
	106RU54	9.309	9.133	12.23	29.62	PASS
	106RU56	9.553	9.164	12.37	29.62	PASS
	242RU61	9.294	8.997	12.16	29.62	PASS
	242RU62	9.398	8.985	12.21	29.62	PASS



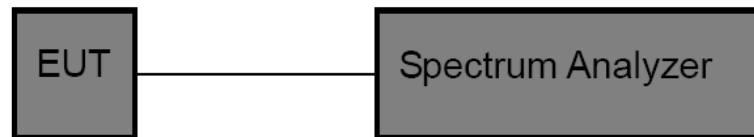
3.7. Power Spectral Density

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (e) / RSS-247 5.2 b

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.