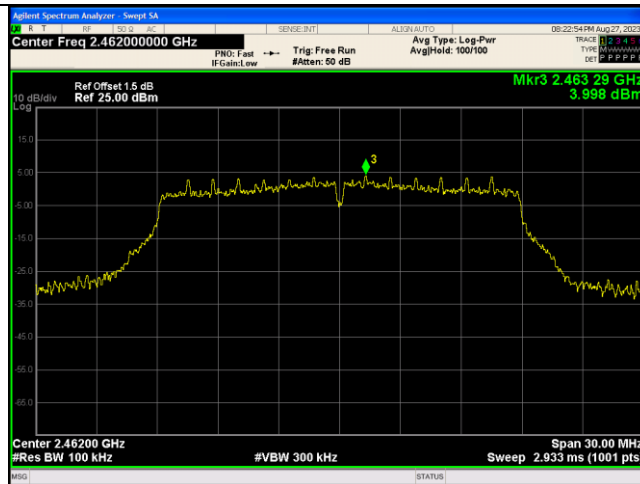
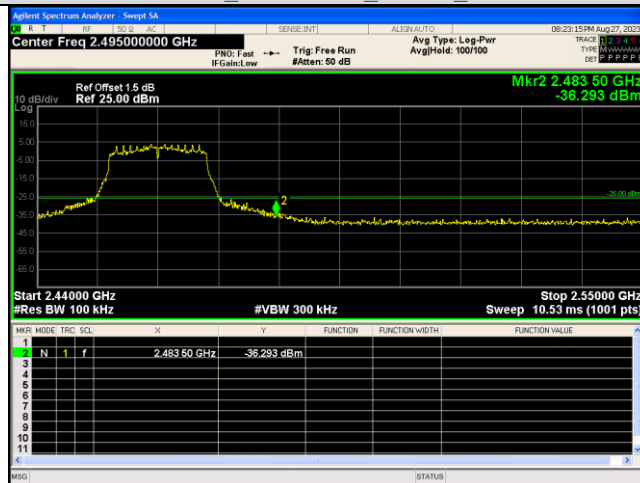
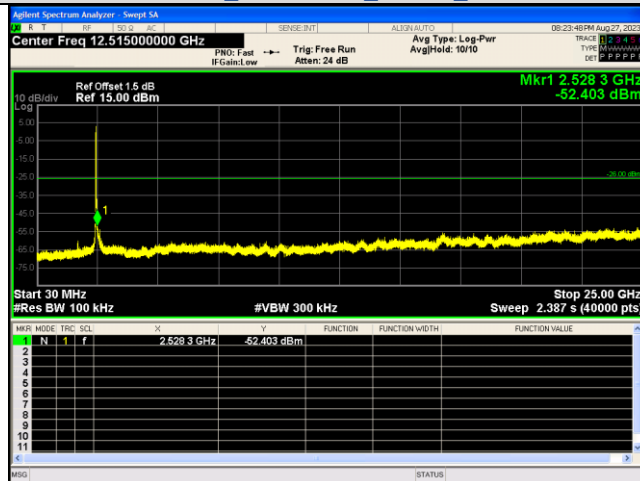




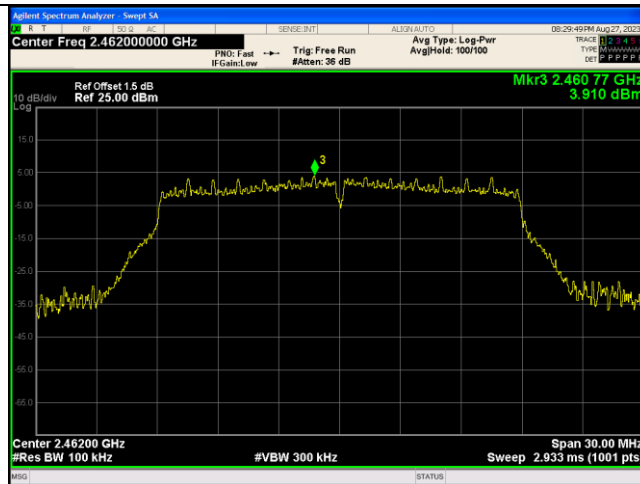
In-Band Reference Level IEEE 802.11n Channel 11 20MHz Antenna 0



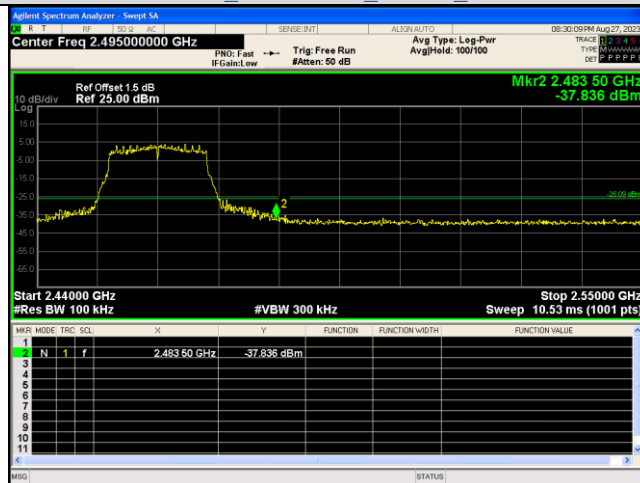
Out Of Band Emission IEEE 802.11n Channel 11 20MHz Antenna 0



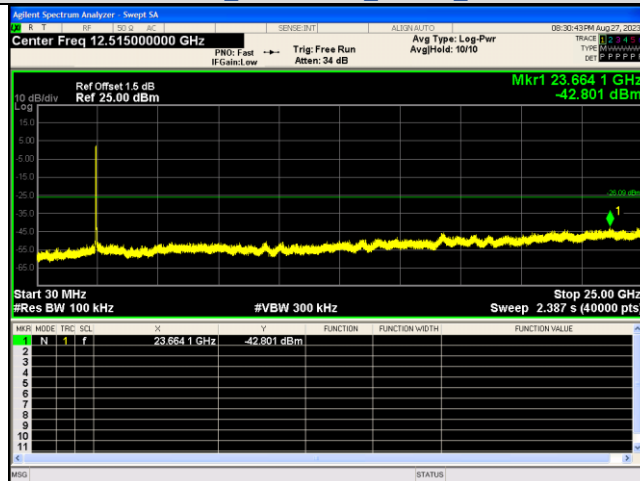
Spurious Emission IEEE 802.11n Channel 11 20MHz Antenna 0



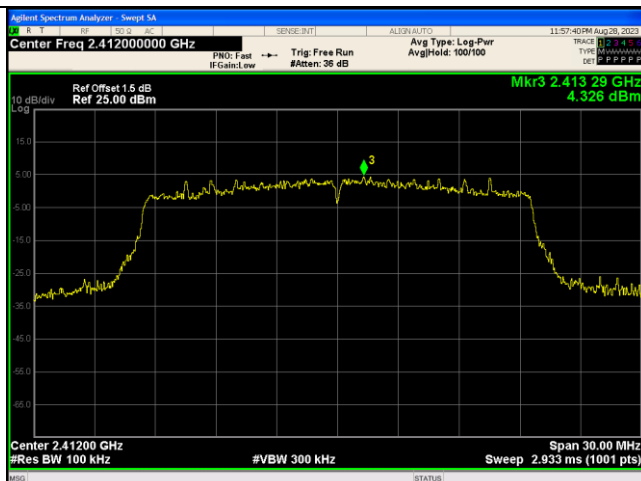
In-Band Reference Level IEEE 802.11n Channel 11 20MHz Antenna 1



Out Of Band Emission IEEE 802.11n Channel 11 20MHz Antenna 1

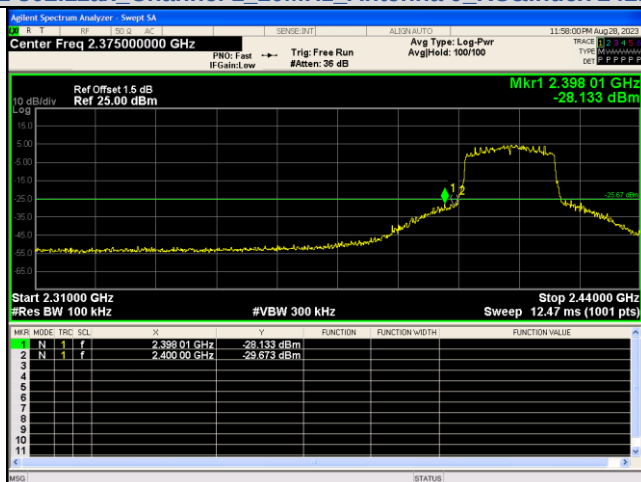


Spurious Emission IEEE 802.11n Channel 11 20MHz Antenna 1



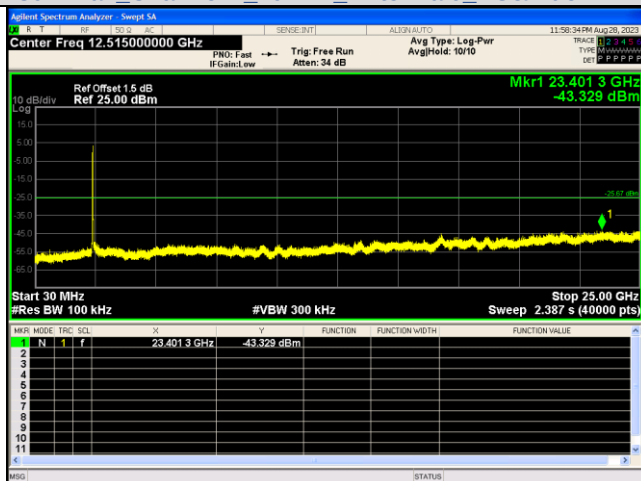
In-Band Reference Level

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



Out Of Band Emission

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



Spurious Emission

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

CTC Laboratories, Inc.

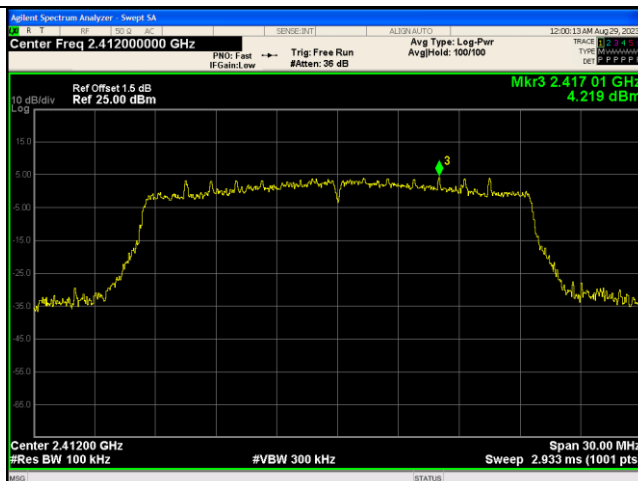
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

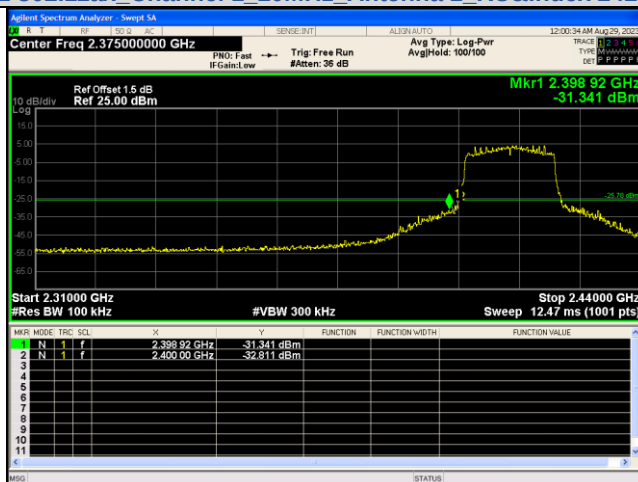
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

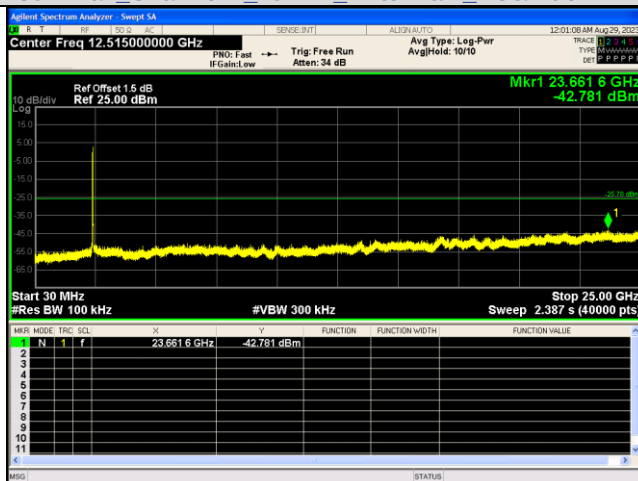
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



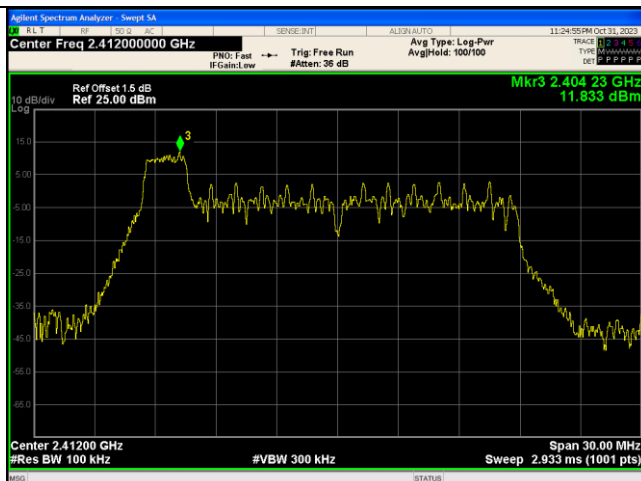
In-Band Reference Level IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 242RU61



Out Of Band Emission IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 242RU61

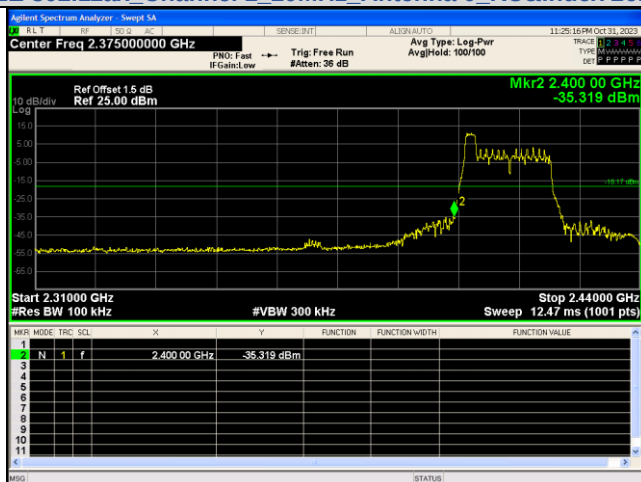


Spurious Emission IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 242RU61



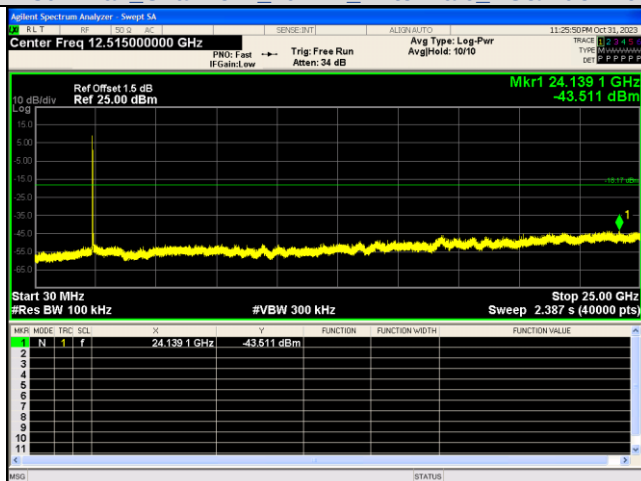
In-Band Reference Level

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 26RU0



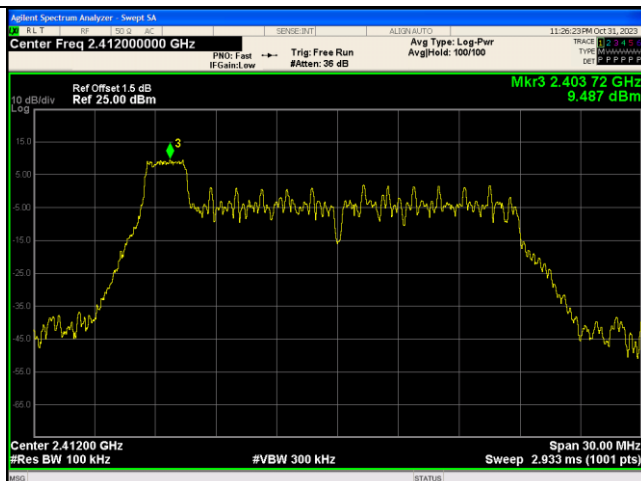
Out Of Band Emission

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 26RU0



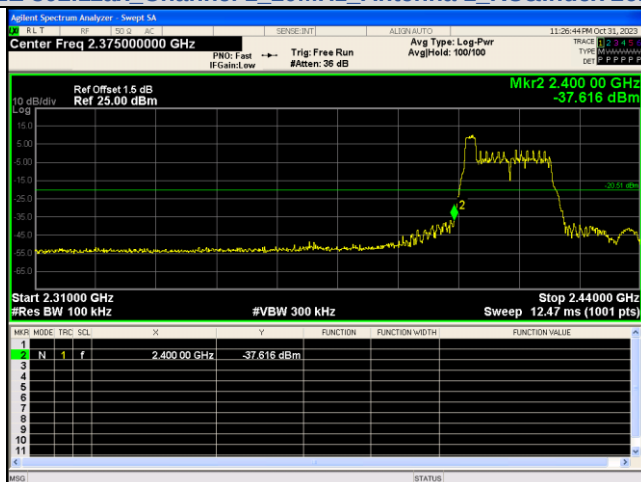
Spurious Emission

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 26RU0



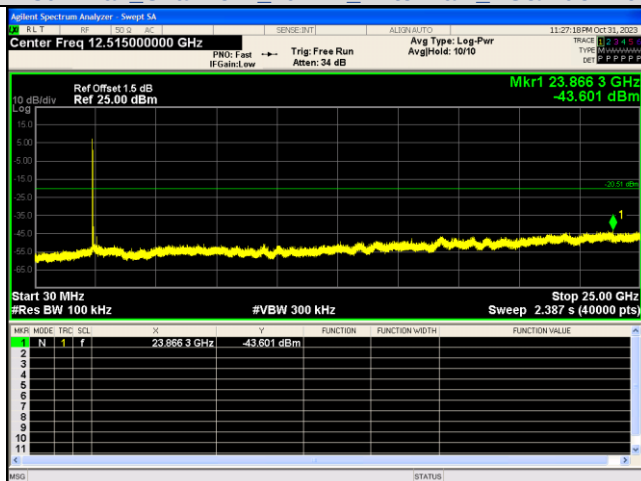
In-Band Reference Level

IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 26RU0



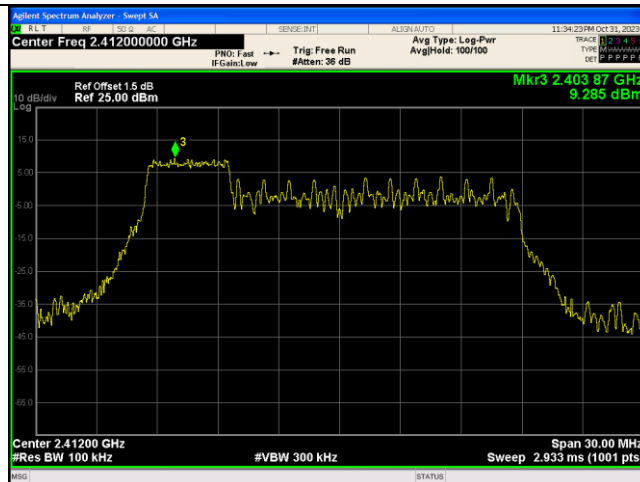
Out Of Band Emission

IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 26RU0



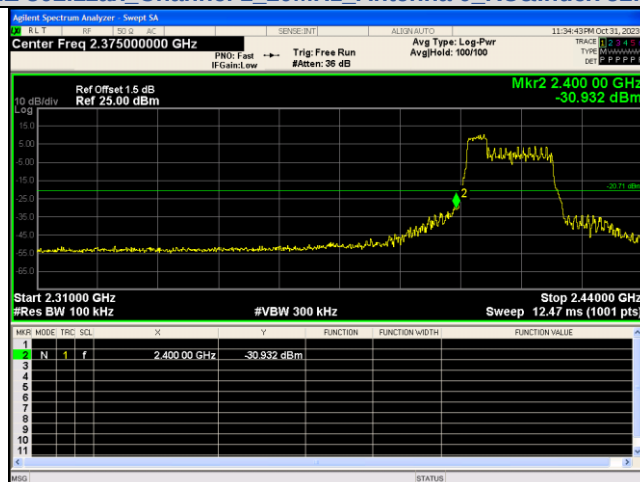
Spurious Emission

IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 26RU0



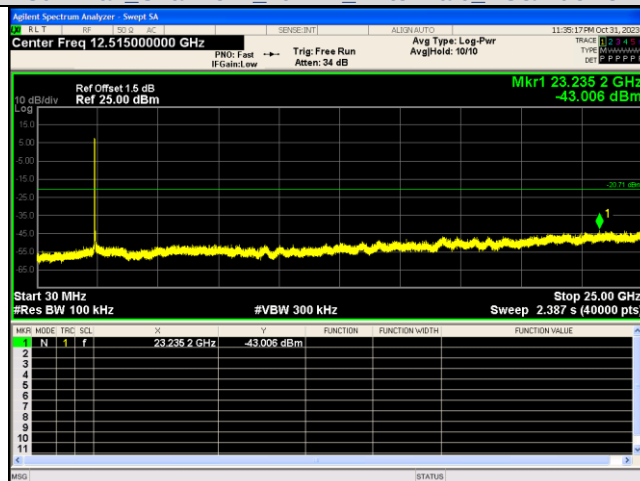
In-Band Reference Level

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 52RU37



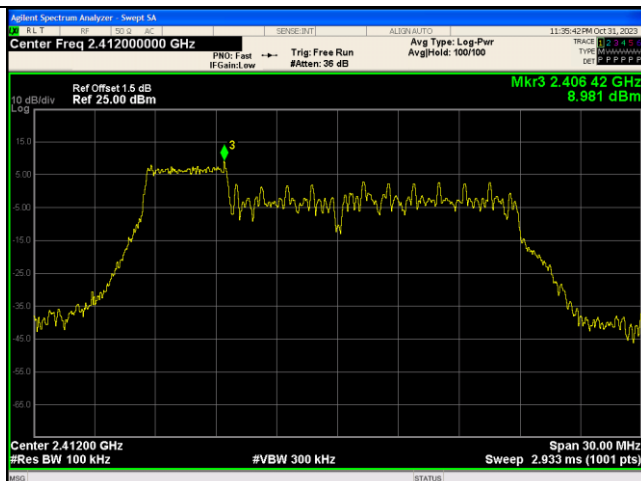
Out Of Band Emission

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 52RU37



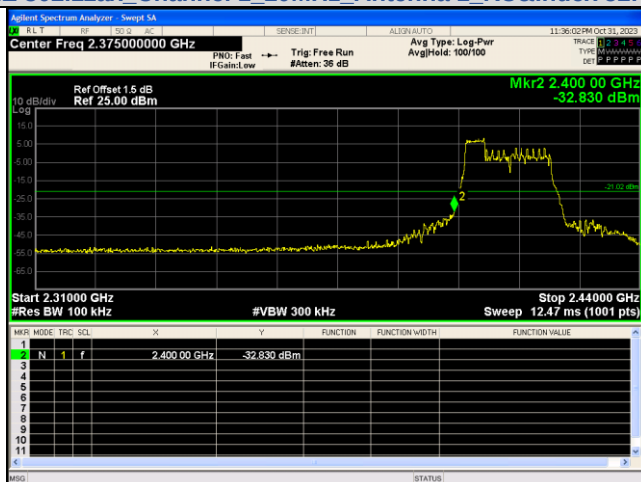
Spurious Emission

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 52RU37



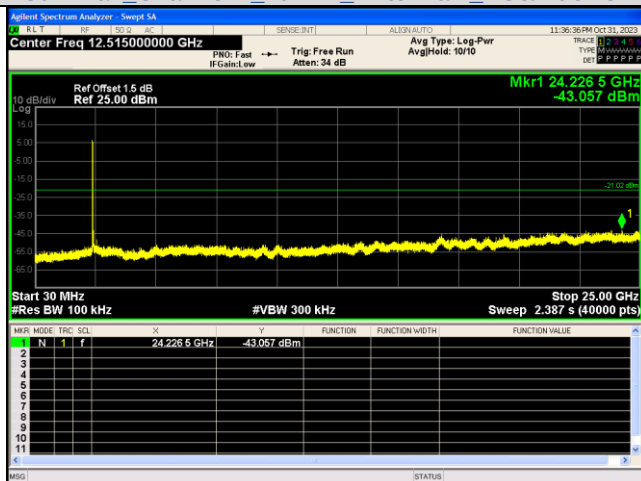
In-Band Reference Level

IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 52RU37



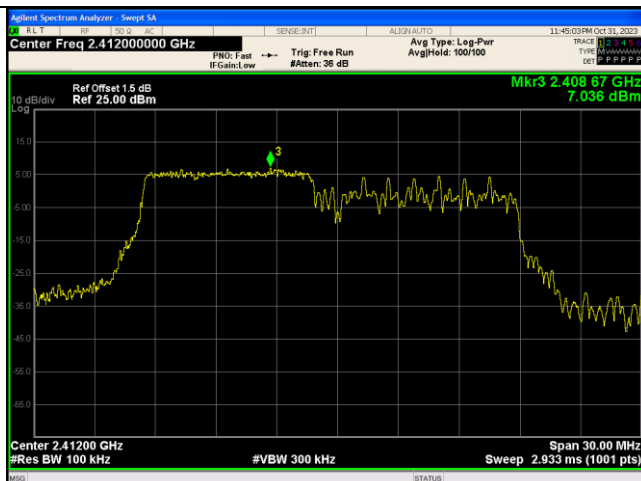
Out Of Band Emission

IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 52RU37



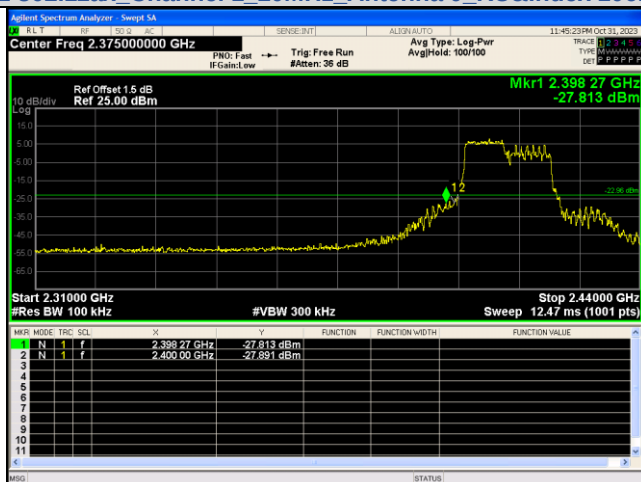
Spurious Emission

IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 52RU37



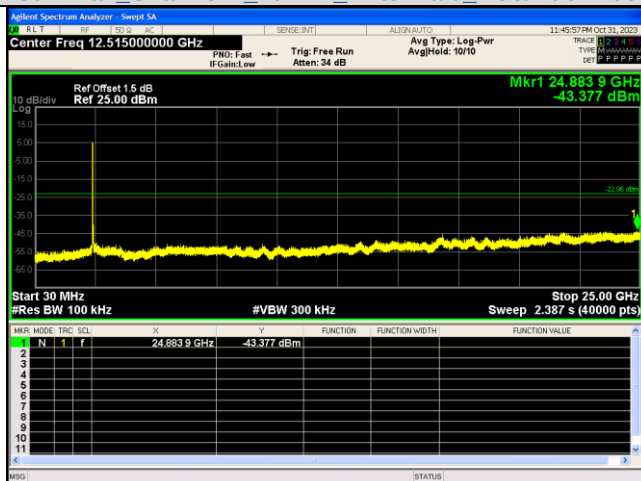
In-Band Reference Level

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 106RU53



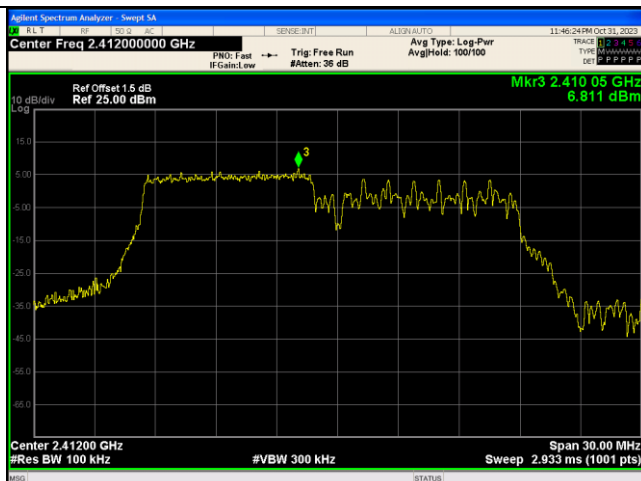
Out Of Band Emission

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 106RU53



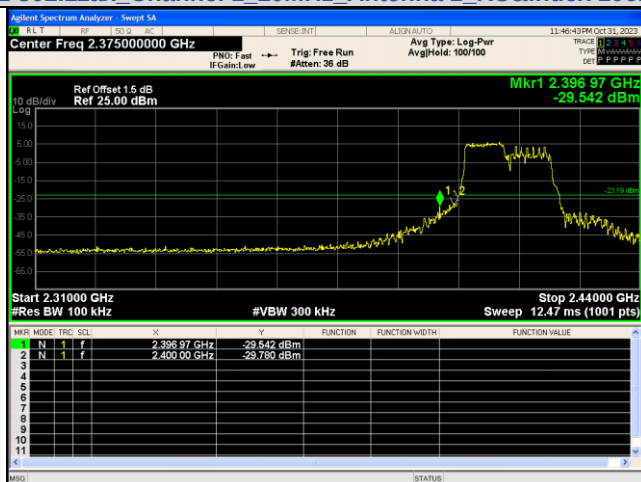
Spurious Emission

IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index 106RU53



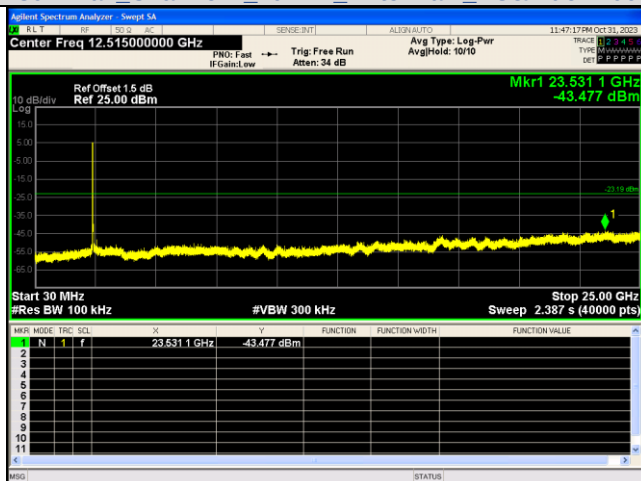
In-Band Reference Level

IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 106RU53



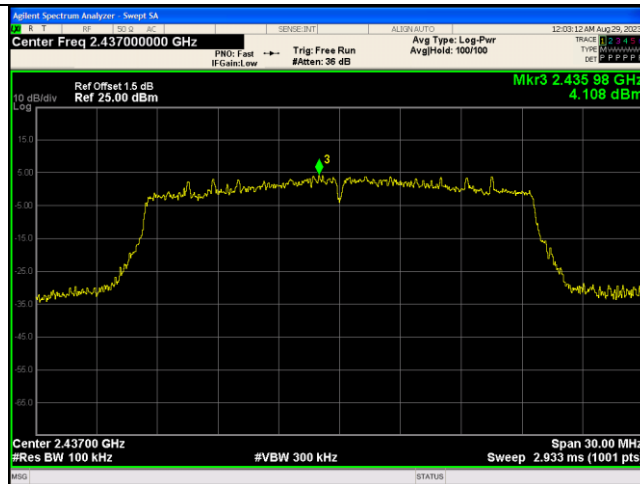
Out Of Band Emission

IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 106RU53

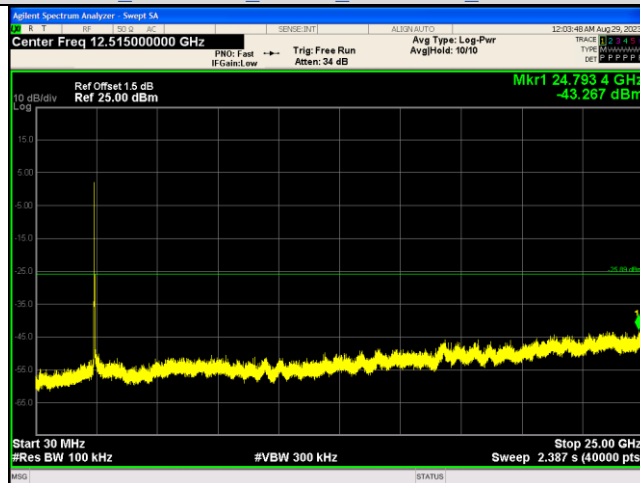


Spurious Emission

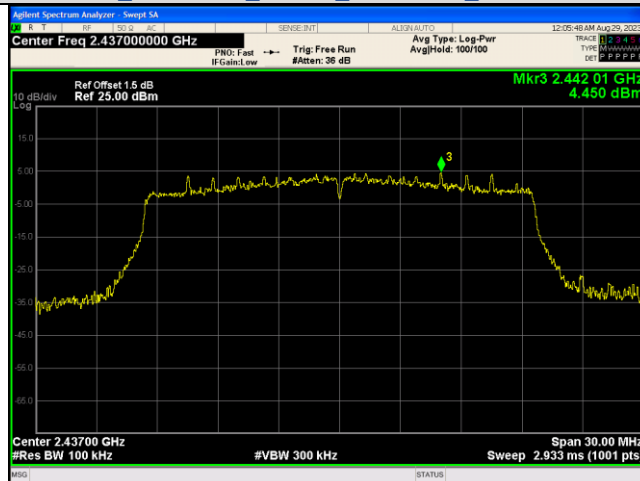
IEEE 802.11ax Channel 1 20MHz Antenna 1 RU&Index 106RU53



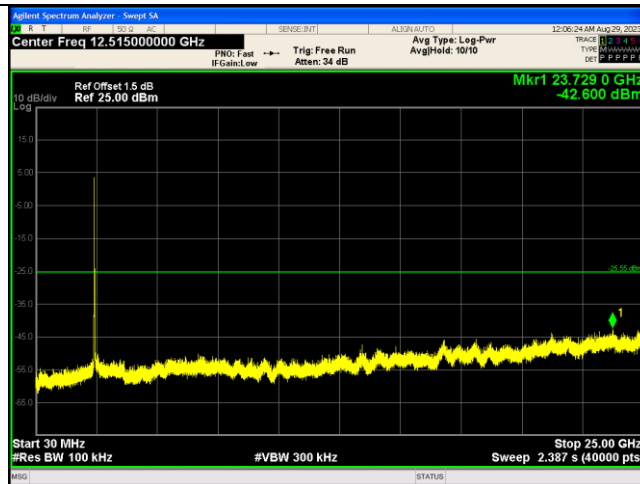
In-Band Reference Level
IEEE 802.11ax Channel 6 20MHz Antenna 0 RU&Index 242RU61



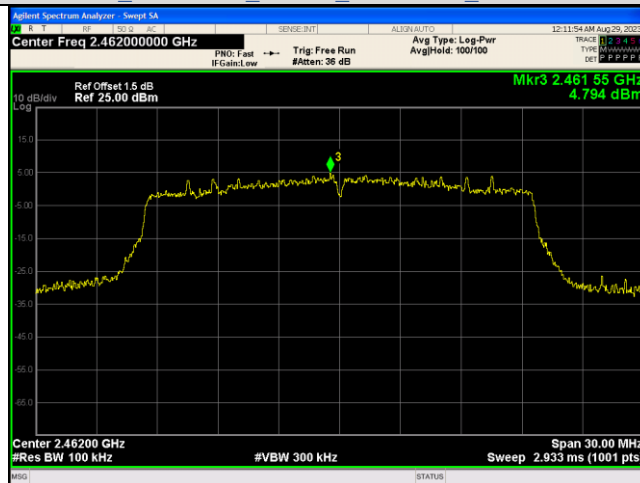
Spurious Emissions
IEEE 802.11ax Channel 6 20MHz Antenna 0 RU&Index 242RU61



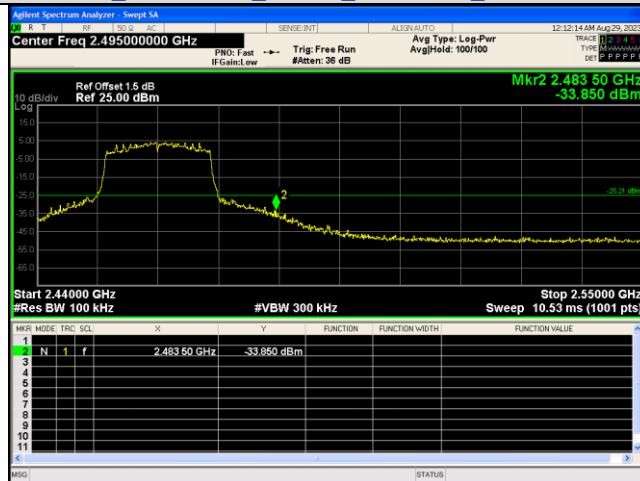
In-Band Reference Level
IEEE 802.11ax Channel 6 20MHz Antenna 1 RU&Index 242RU61



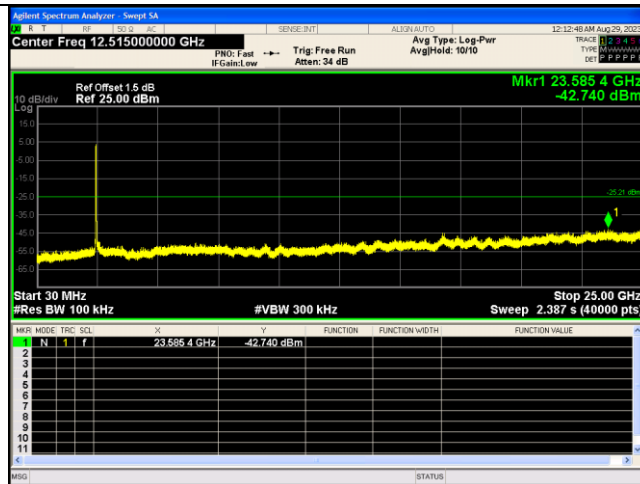
Spurious Emissions
IEEE 802.11ax Channel 6 20MHz Antenna 1 RU&Index 242RU61



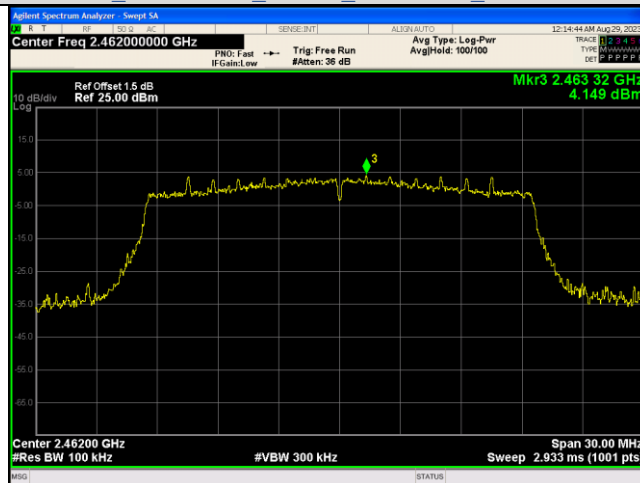
In-Band Reference Level
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 242RU61



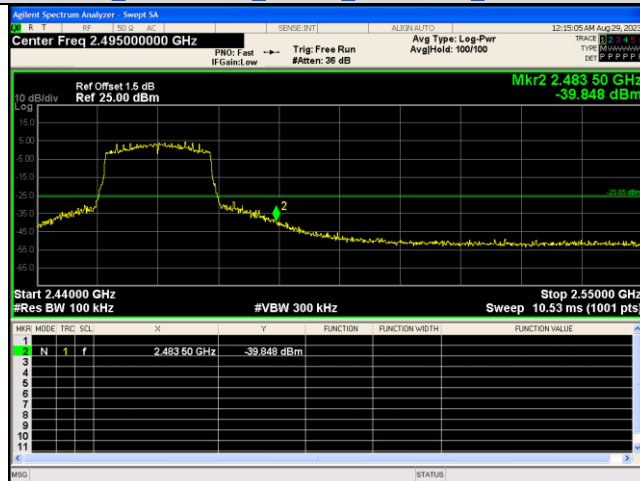
Out Of Band Emission
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 242RU61



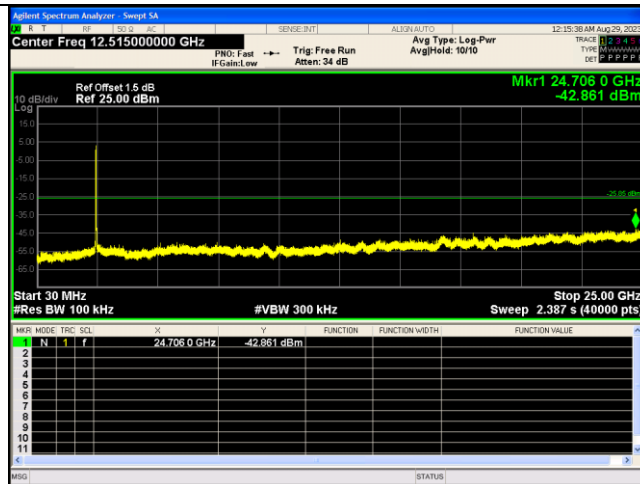
Spurious Emission
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 242RU61



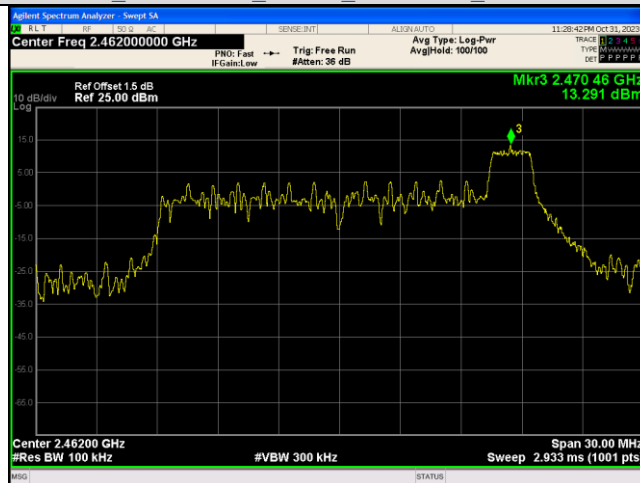
In-Band Reference Level
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 242RU61



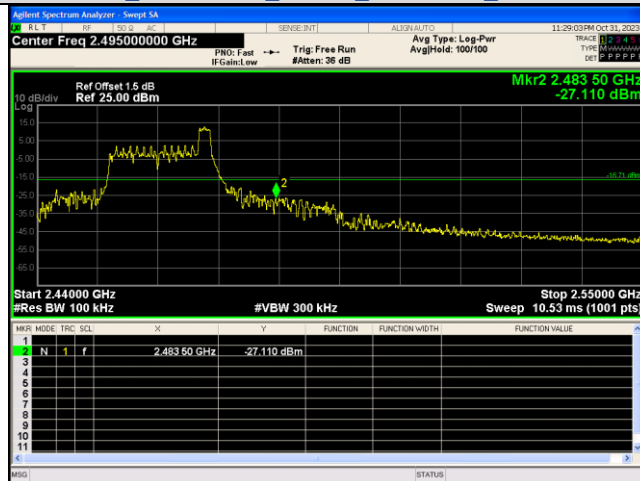
Out Of Band Emission
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 242RU61



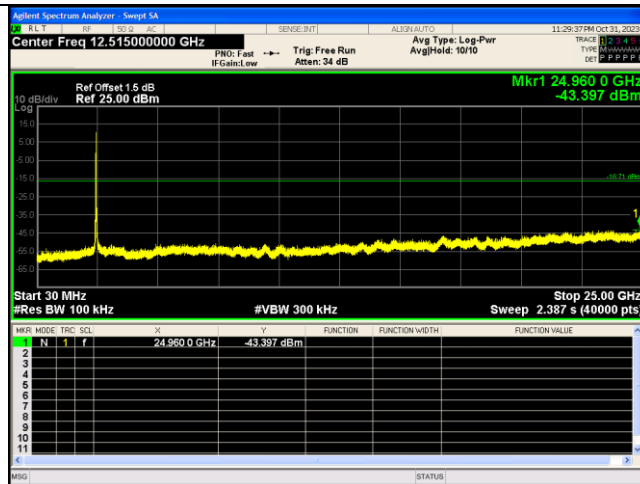
Spurious Emission
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 242RU61



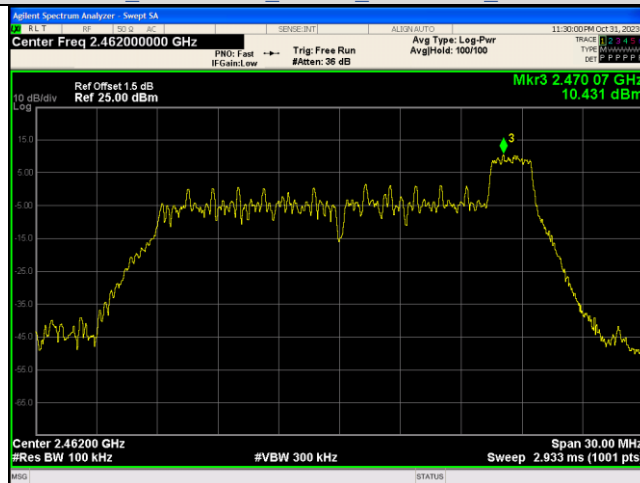
In-Band Reference Level
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 26RU8



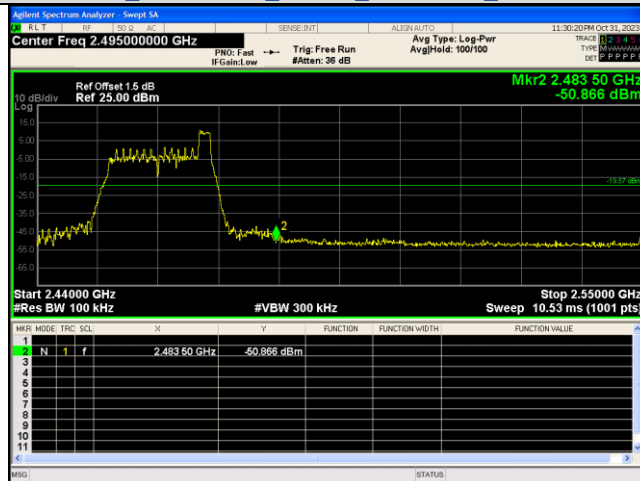
Out Of Band Emission
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 26RU8



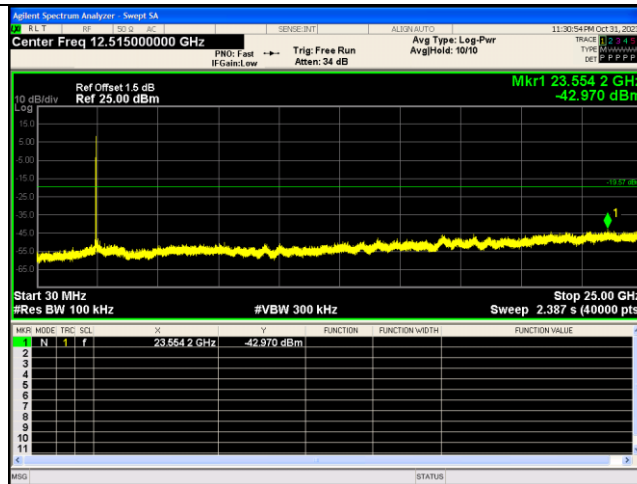
Spurious Emission IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 26RU8



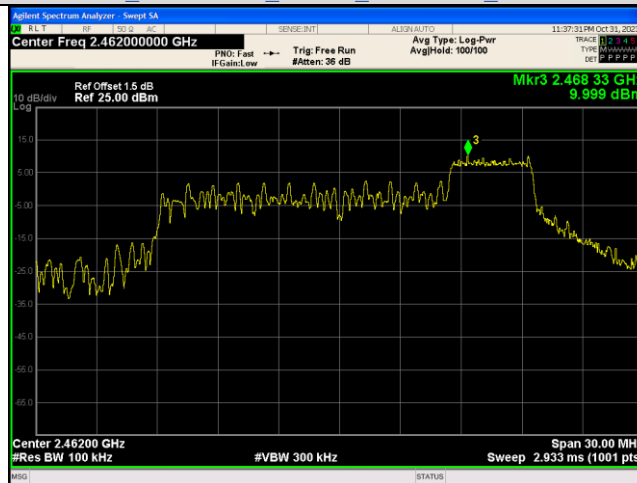
In-Band Reference Level IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 26RU8



Out Of Band Emission IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 26RU8



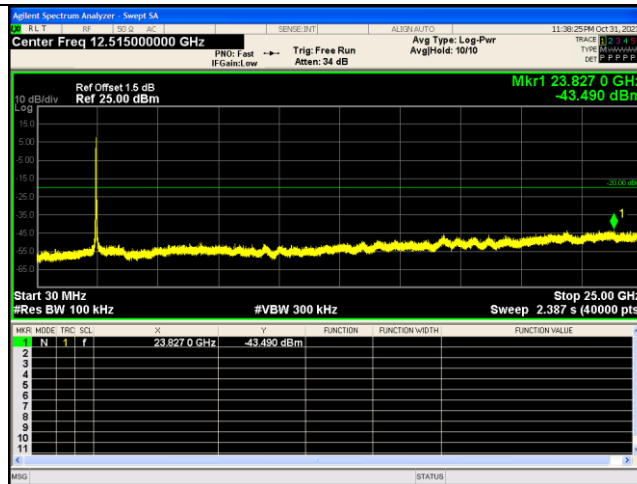
Spurious Emission
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 26RU8



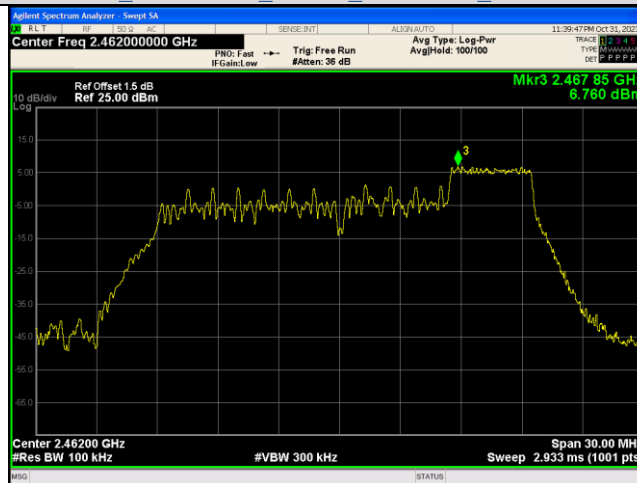
In-Band Reference Level
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 52RU40



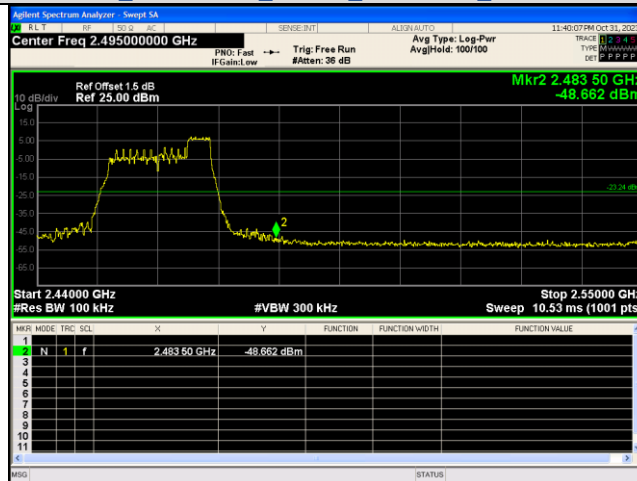
Out Of Band Emission
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 52RU40



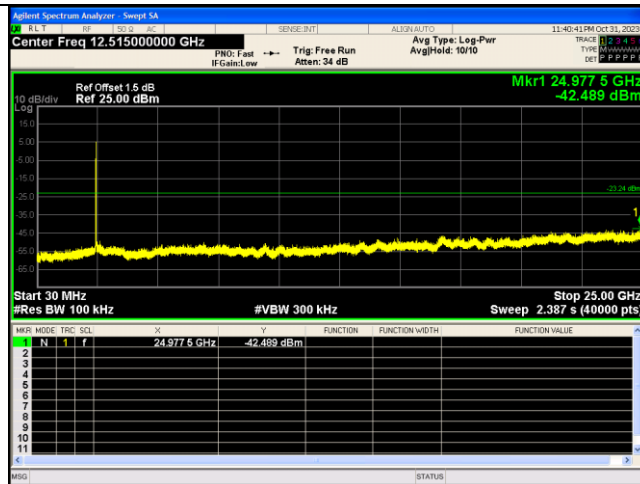
Spurious Emission
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 52RU40



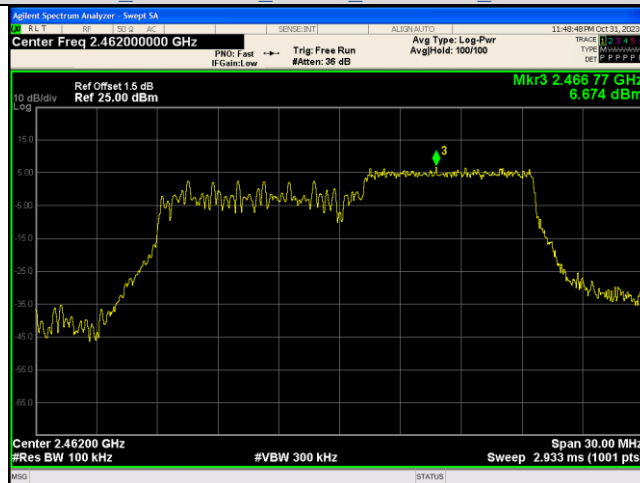
In-Band Reference Level
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 52RU40



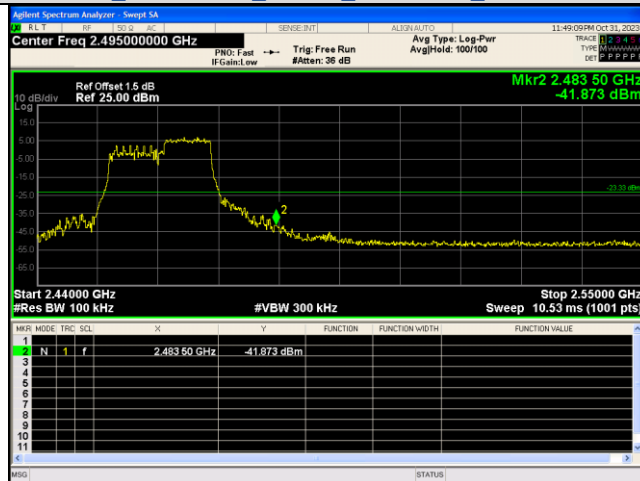
Out Of Band Emission
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 52RU40



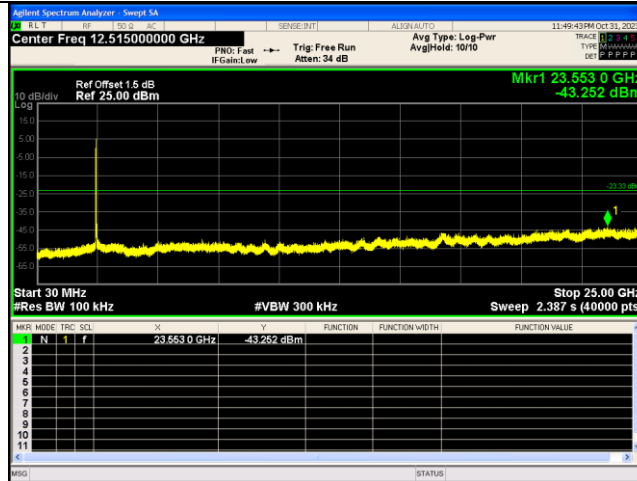
Spurious Emission
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 52RU40



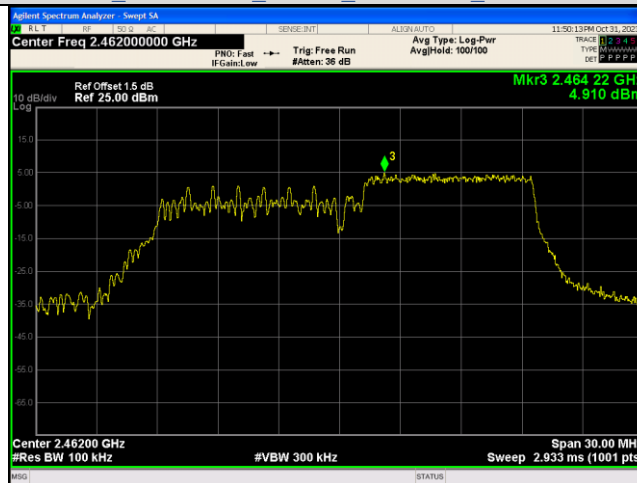
In-Band Reference Level
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 106RU54



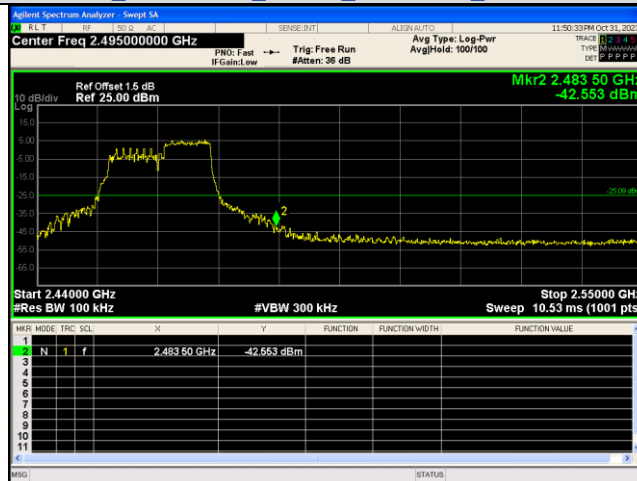
Out Of Band Emission
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 106RU54



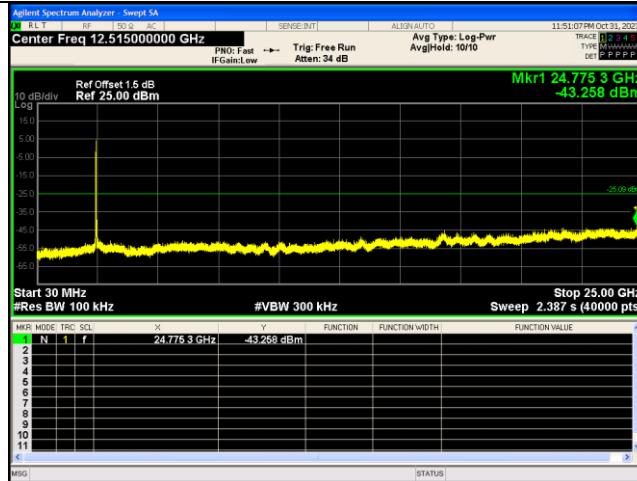
Spurious Emission
IEEE 802.11ax Channel 11 20MHz Antenna 0 RU&Index 106RU54



In-Band Reference Level
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 106RU54



Out Of Band Emission
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 106RU54



Spurious Emission
IEEE 802.11ax Channel 11 20MHz Antenna 1 RU&Index 106RU54



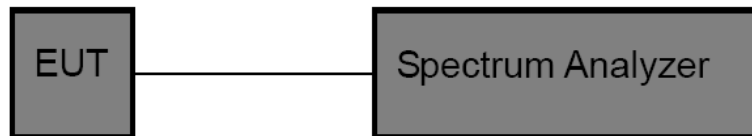
3.5. DTS Bandwidth

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

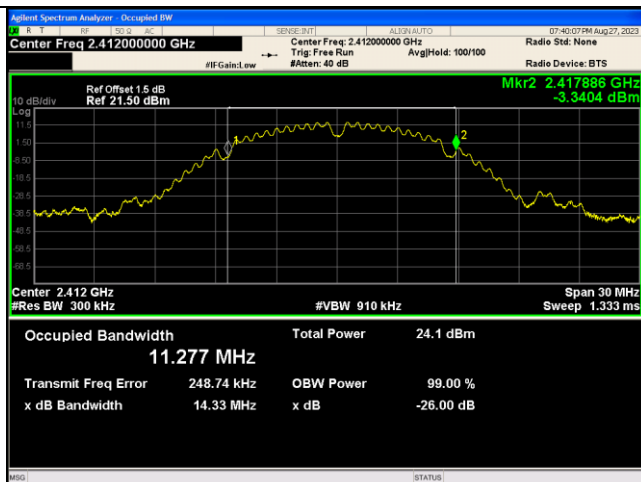
Please refer to the clause 2.4.

**Test Result**

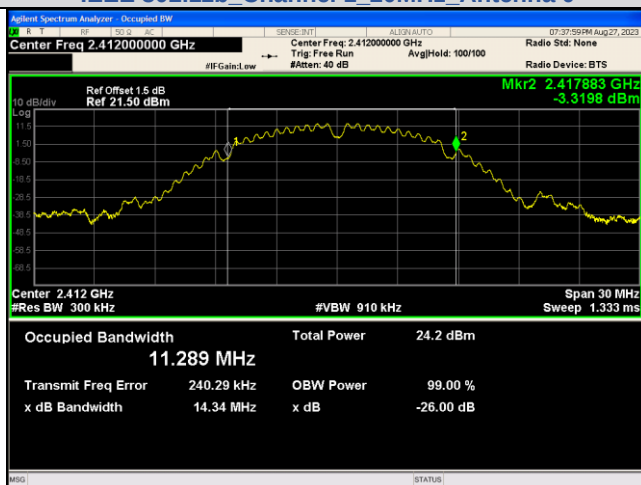
Mode	Channel	RU & Index	Ant.	99% BW (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	N/A	0	11.277	7.088	0.5	PASS
			1	11.289	8.035	0.5	PASS
	6		0	11.373	7.554	0.5	PASS
			1	11.353	7.085	0.5	PASS
	11		0	11.337	7.065	0.5	PASS
			1	11.396	7.077	0.5	PASS
IEEE 802.11g	1		0	16.829	16.34	0.5	PASS
			1	16.795	16.34	0.5	PASS
	6		0	16.796	16.32	0.5	PASS
			1	16.760	16.34	0.5	PASS
	11		0	16.802	16.34	0.5	PASS
			1	16.814	16.34	0.5	PASS
IEEE 802.11n_20	1		0	17.831	17.30	0.5	PASS
			1	17.822	17.60	0.5	PASS
	6		0	17.870	17.56	0.5	PASS
			1	17.841	17.58	0.5	PASS
	11		0	17.907	17.55	0.5	PASS
			1	17.803	17.58	0.5	PASS
IEEE 802.11ax_20	1	242RU61	0	18.924	18.77	0.5	PASS
			1	18.919	18.82	0.5	PASS
		26RU4	0	17.233	2.670	0.5	PASS
			1	16.962	2.645	0.5	PASS
		52RU38	0	17.308	13.81	0.5	PASS
			1	17.209	10.38	0.5	PASS
		106RU53	0	18.263	17.41	0.5	PASS
			1	18.228	17.11	0.5	PASS
	6	242RU61	0	18.932	18.73	0.5	PASS
			1	18.901	18.83	0.5	PASS
		26RU4	0	16.749	2.663	0.5	PASS
			1	17.021	2.654	0.5	PASS
		52RU38	0	17.031	12.91	0.5	PASS
			1	17.176	12.88	0.5	PASS
		106RU53	0	18.281	17.40	0.5	PASS
			1	18.214	17.13	0.5	PASS
	11	242RU61	0	18.951	18.49	0.5	PASS
			1	18.923	18.85	0.5	PASS
		26RU4	0	16.770	2.623	0.5	PASS
			1	16.004	2.667	0.5	PASS
		52RU38	0	17.225	13.79	0.5	PASS
			1	17.129	10.36	0.5	PASS
		106RU53	0	18.238	17.15	0.5	PASS
			1	18.177	17.07	0.5	PASS



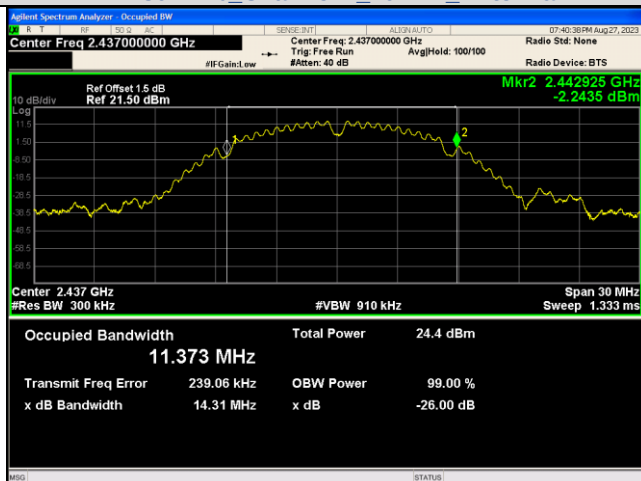
99% Bandwidth:



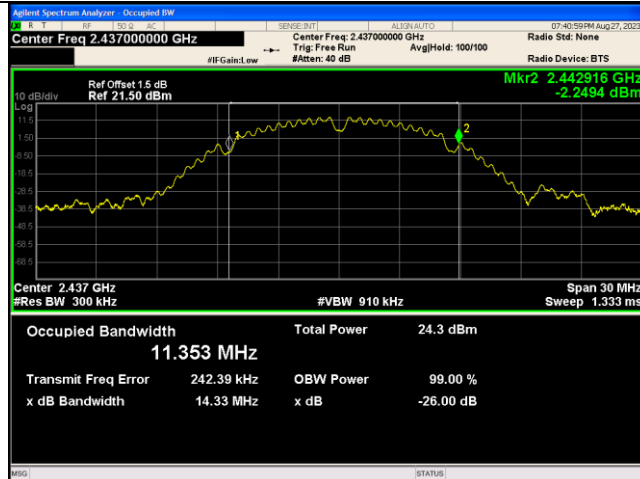
IEEE 802.11b Channel 1 20MHz_Antenna 0



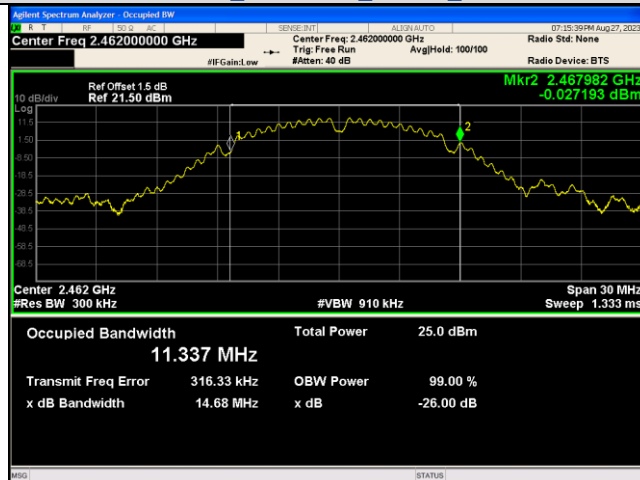
IEEE 802.11b Channel 1 20MHz_Antenna 1



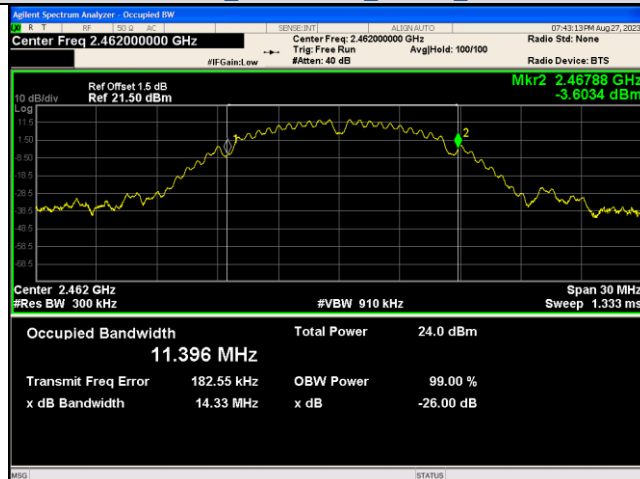
IEEE 802.11b Channel 6 20MHz_Antenna 0



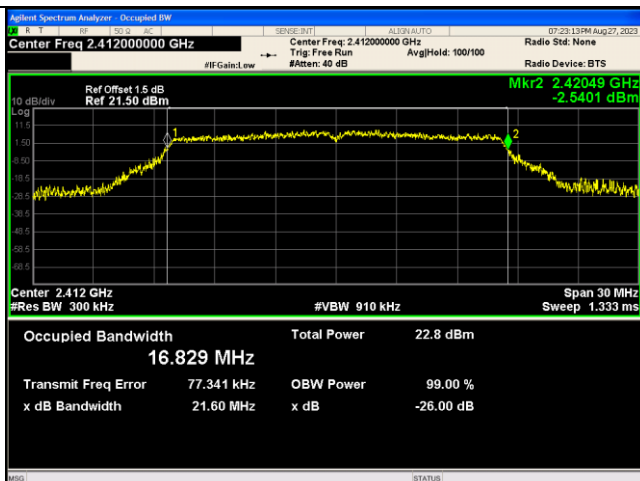
IEEE 802.11b Channel 6 20MHz_Antenna 1



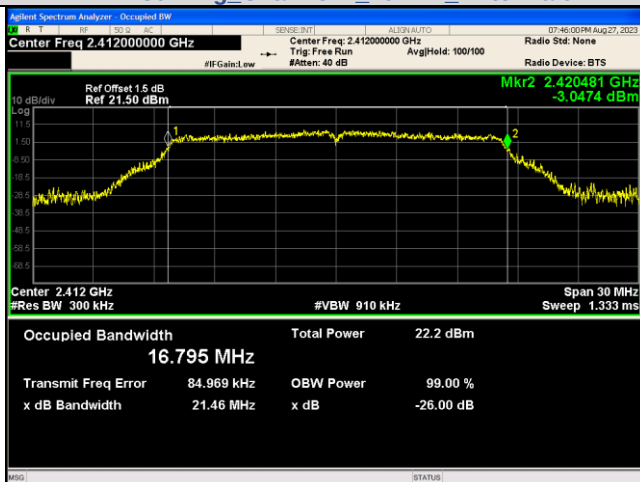
IEEE 802.11b Channel 11 20MHz_Antenna 0



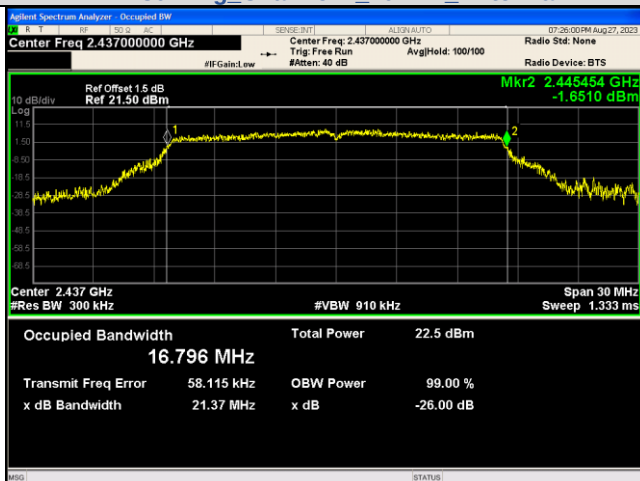
IEEE 802.11b Channel 11 20MHz_Antenna 1



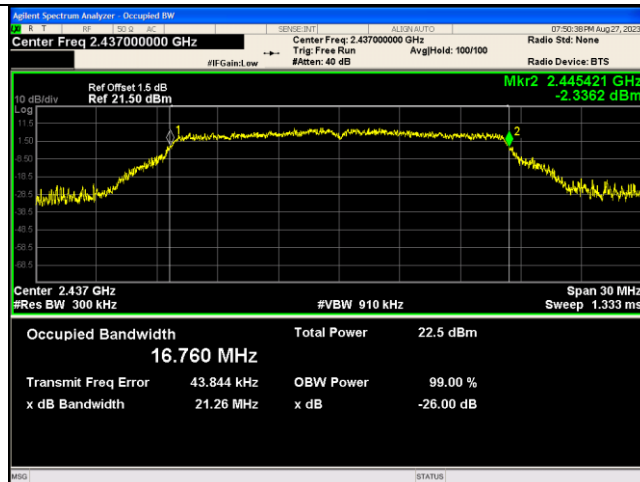
IEEE 802.11g Channel 1 20MHz_Antenna 0



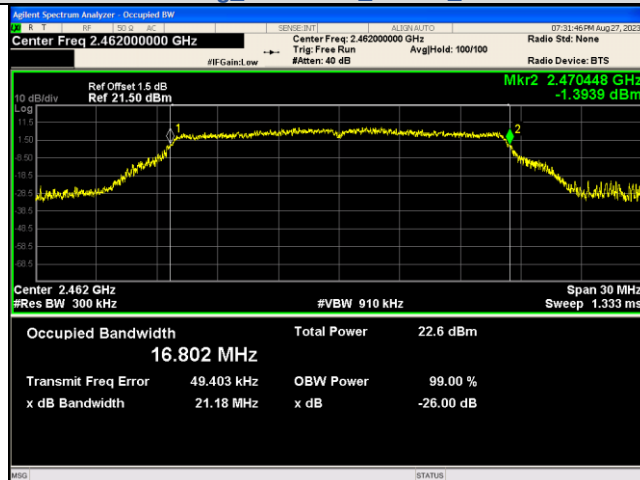
IEEE 802.11g Channel 1 20MHz_Antenna 1



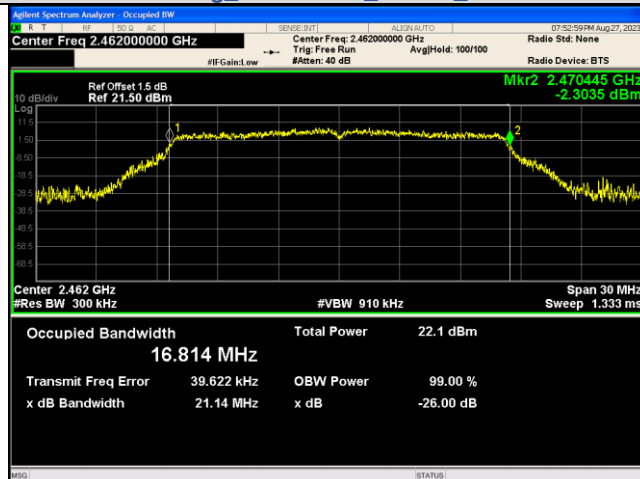
IEEE 802.11g Channel 6 20MHz_Antenna 0



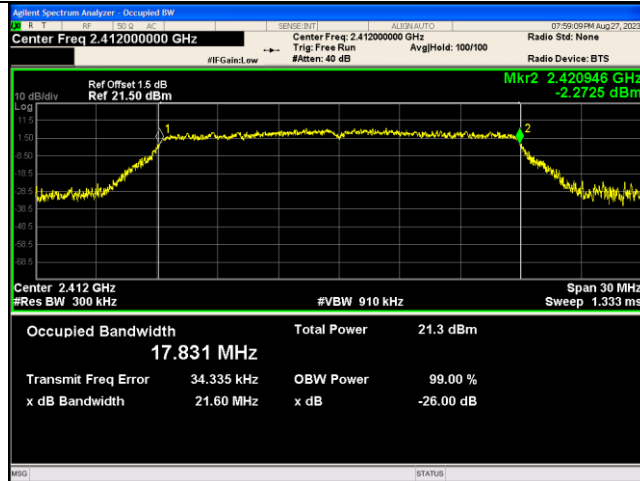
IEEE 802.11g Channel 6 20MHz Antenna 1



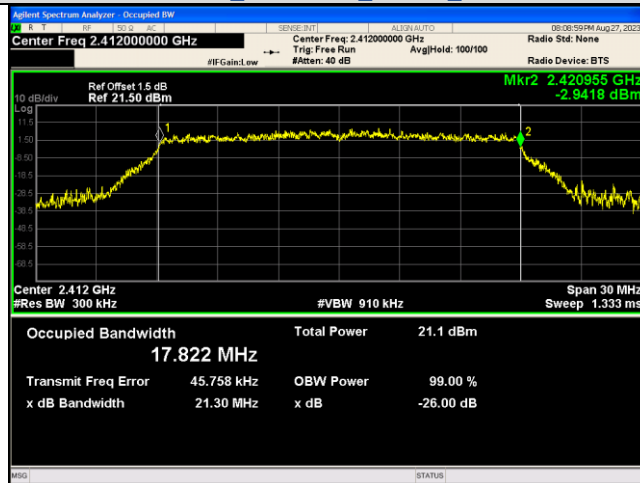
IEEE 802.11g Channel 11 20MHz Antenna 0



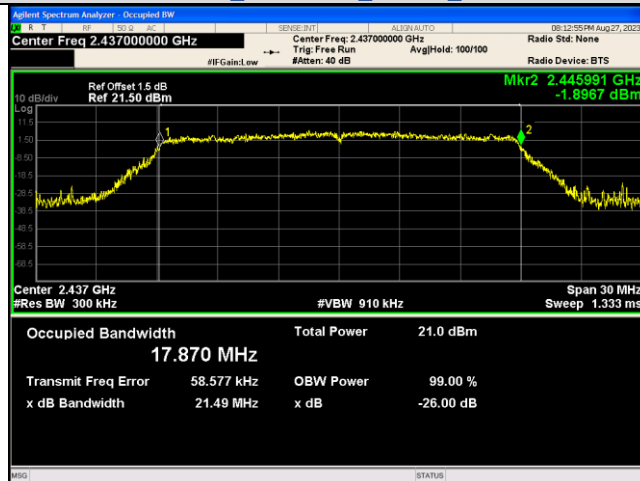
IEEE 802.11g Channel 11 20MHz Antenna 1



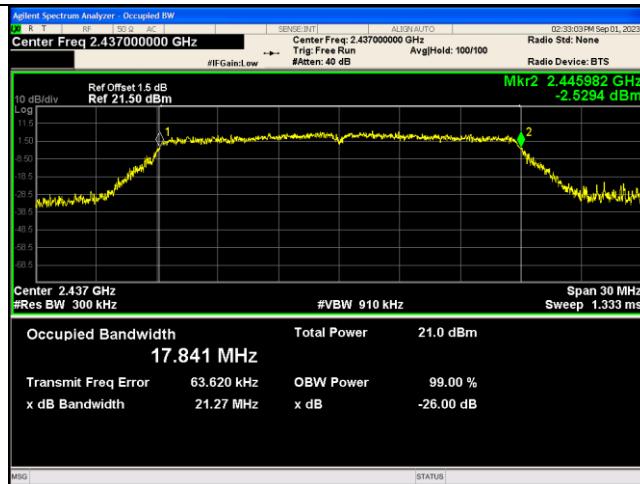
IEEE 802.11n Channel 1 20MHz_Antenna 0



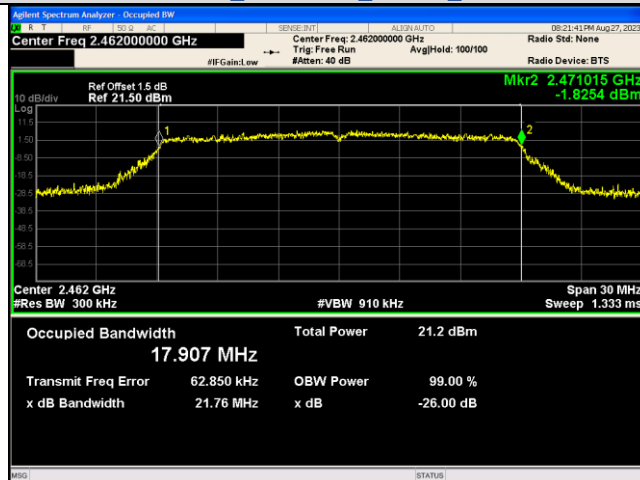
IEEE 802.11n Channel 1 20MHz_Antenna 1



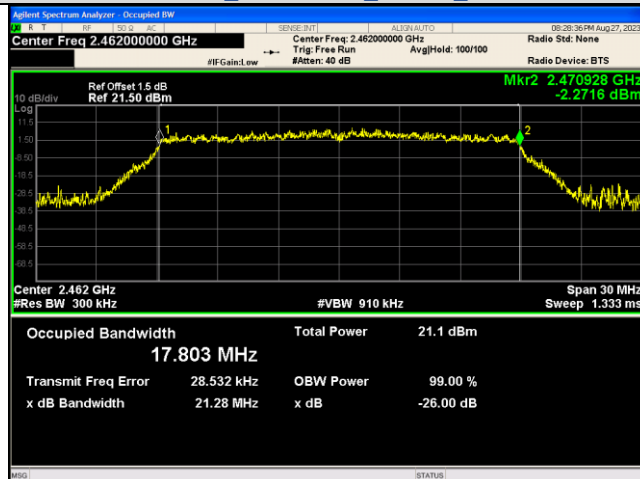
IEEE 802.11n Channel 6 20MHz_Antenna 0



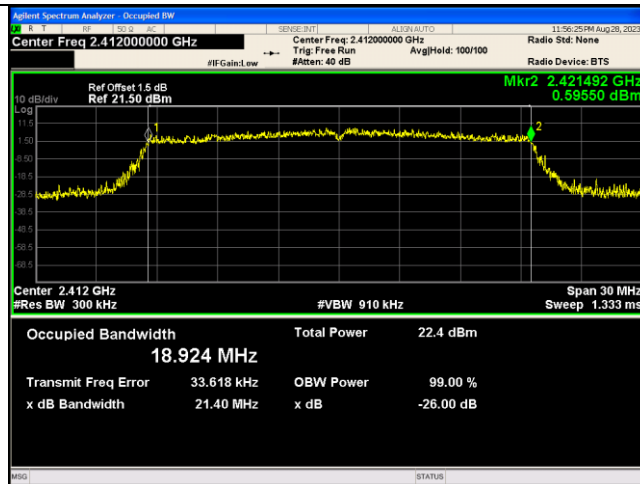
IEEE 802.11n Channel 6 20MHz_Antenna 1



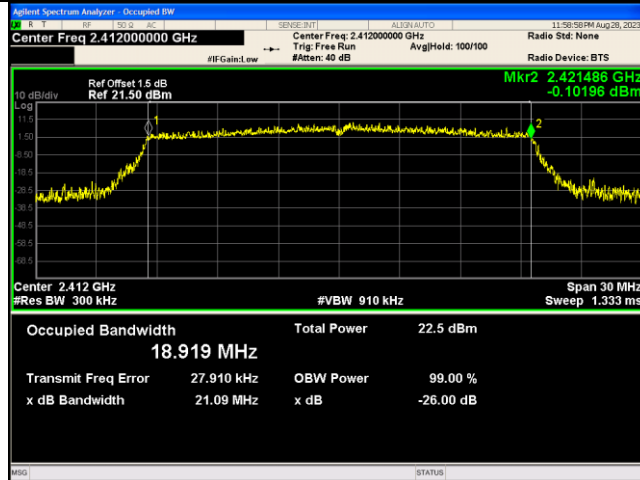
IEEE 802.11n Channel 11 20MHz_Antenna 0



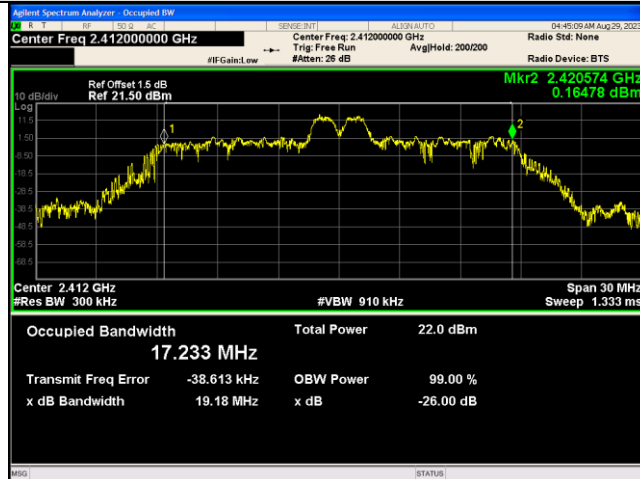
IEEE 802.11n Channel 11 20MHz_Antenna 1



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