



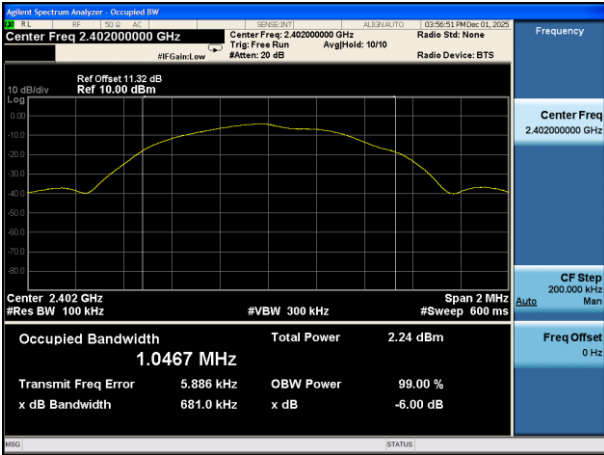
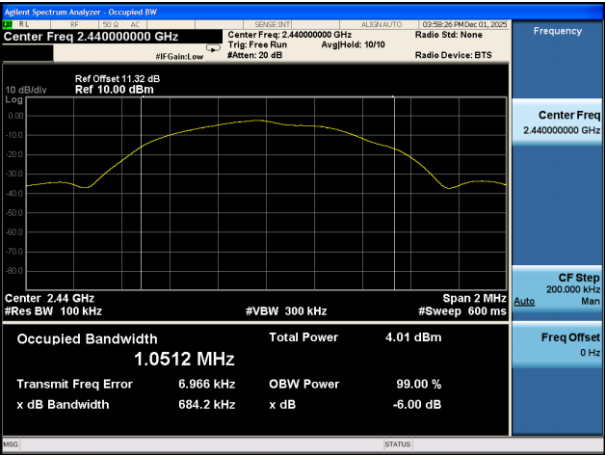
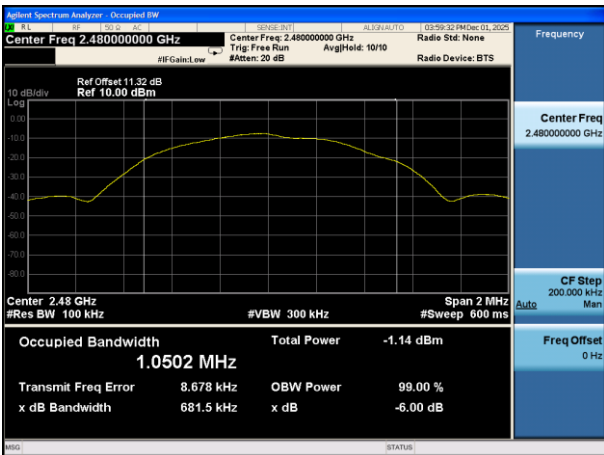
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

99% Bandwidth

Test Mode	Carrier frequency (MHz)	99% Bandwidth(kHz)
GFSK (LE 1Mbps)	2402	1046.7
GFSK (LE 1Mbps)	2440	1051.2
GFSK (LE 1Mbps)	2480	1050.2

Test Mode: GFSK (LE 1Mbps)

	
Test Mode:GFSK (LE 1Mbps) 2402MHz	Test Mode:GFSK (LE 1Mbps) 2440MHz
	
Test Mode:GFSK (LE 1Mbps) 2480MHz	



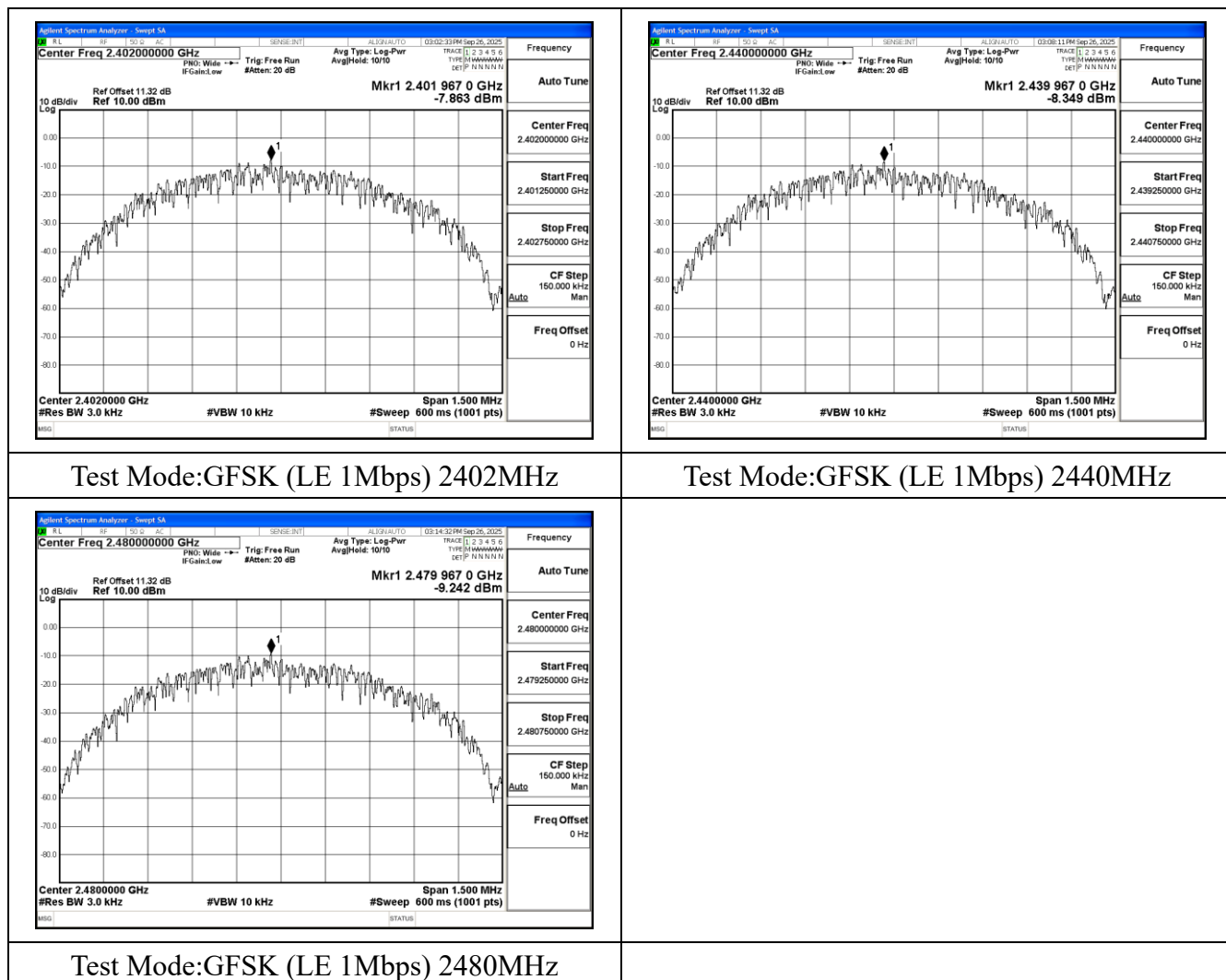
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

4 Transmitter Power Spectral Density

Test Mode	Carrier frequency (MHz)	Channel No.	Power Density (dBm/3kHz)
GFSK (LE 1Mbps)	2402	0	-7.9
GFSK (LE 1Mbps)	2440	19	-8.3
GFSK (LE 1Mbps)	2480	39	-9.2

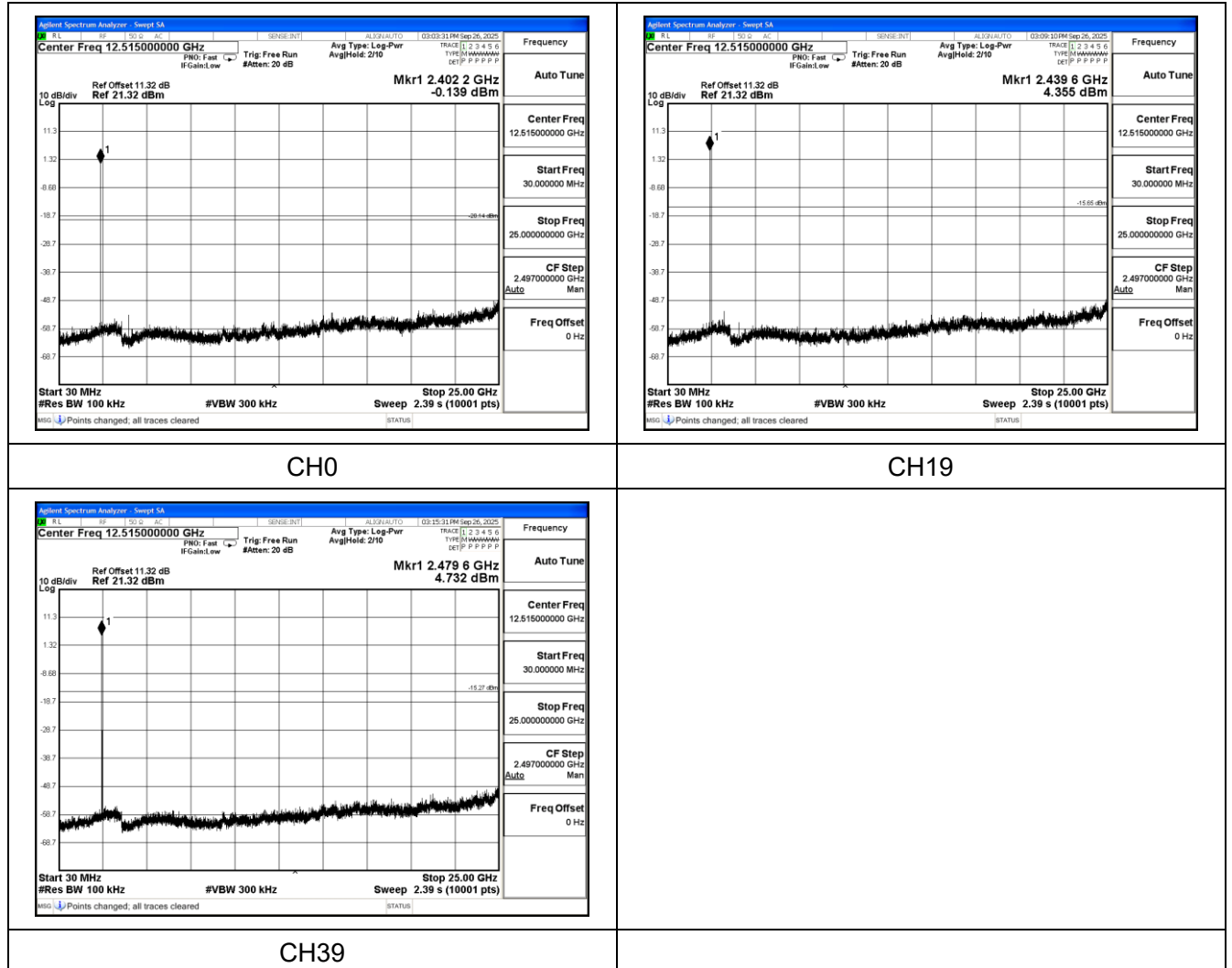
Test Mode: GFSK (LE 1Mbps)





5 Conducted Out of band emission measurement

Test Mode: GFSK (LE 1Mbps)





6 Band Edge measurement

Test Mode: GFSK (LE 1Mbps)



**WLAN 2.4G**
DTS BANDWIDTH**TEST RESULT**

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	9.825	≥ 0.5	Pass
		2437	/	/	1	9.570	≥ 0.5	Pass
		2462	/	/	1	9.558	≥ 0.5	Pass
802.11g	SISO	2412	/	/	1	16.538	≥ 0.5	Pass
		2437	/	/	1	16.499	≥ 0.5	Pass
		2462	/	/	1	16.565	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	/	/	1	17.440	≥ 0.5	Pass
		2437	/	/	1	17.438	≥ 0.5	Pass
		2462	/	/	1	17.440	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	/	/	1	35.798	≥ 0.5	Pass
		2437	/	/	1	35.835	≥ 0.5	Pass
		2452	/	/	1	35.839	≥ 0.5	Pass
802.11ax (HEW20)	SISO	2412	RU26	Left	1	2.072	≥ 0.5	Pass
				Mid	1	2.799	≥ 0.5	Pass
				Right	1	2.078	≥ 0.5	Pass
		2437	RU26	Left	1	19.025	≥ 0.5	Pass
				Mid	1	2.184	≥ 0.5	Pass
				Right	1	2.733	≥ 0.5	Pass
		2462	RU26	Left	1	2.120	≥ 0.5	Pass
				Mid	1	18.998	≥ 0.5	Pass
				Right	1	2.101	≥ 0.5	Pass
		2422	RU26	Left	1	2.702	≥ 0.5	Pass
				Mid	1	2.153	≥ 0.5	Pass
				Right	1	2.153	≥ 0.5	Pass
802.11ax (HEW40)	SISO	2422	RU26	Left	1	19.023	≥ 0.5	Pass
				Mid	1	2.382	≥ 0.5	Pass
				Right	1	2.388	≥ 0.5	Pass
		2437	RU26	Left	1	2.585	≥ 0.5	Pass
				Right	1	37.808	≥ 0.5	Pass



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				Mid	1	2.274	≥ 0.5	Pass	
				Right	1	2.532	≥ 0.5	Pass	
			RU484	Left	1	37.809	≥ 0.5	Pass	
		2452	RU26	Left	1	2.384	≥ 0.5	Pass	
				Mid	1	2.637	≥ 0.5	Pass	
				Right	1	2.449	≥ 0.5	Pass	
			RU484	Left	1	37.597	≥ 0.5	Pass	

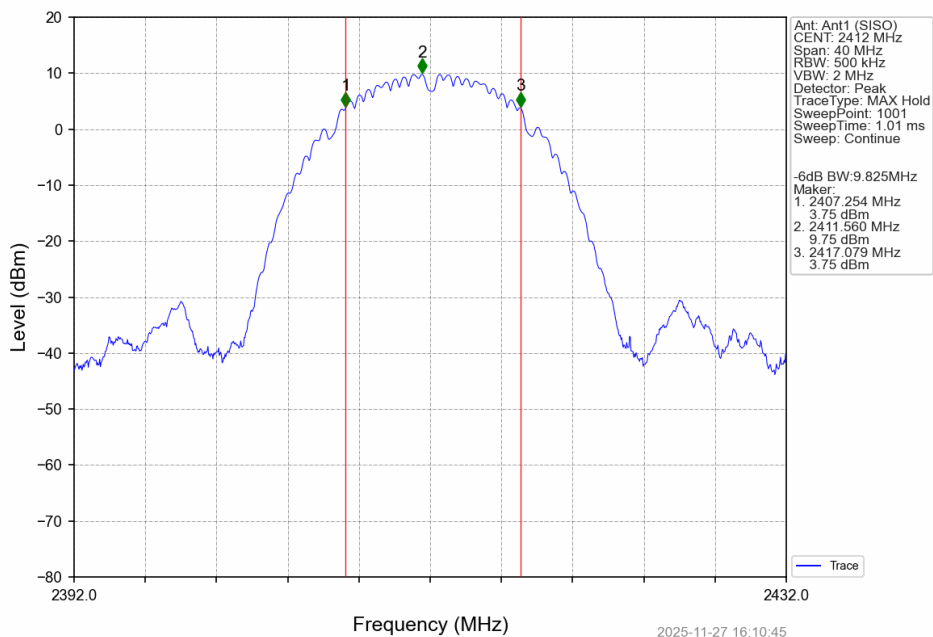


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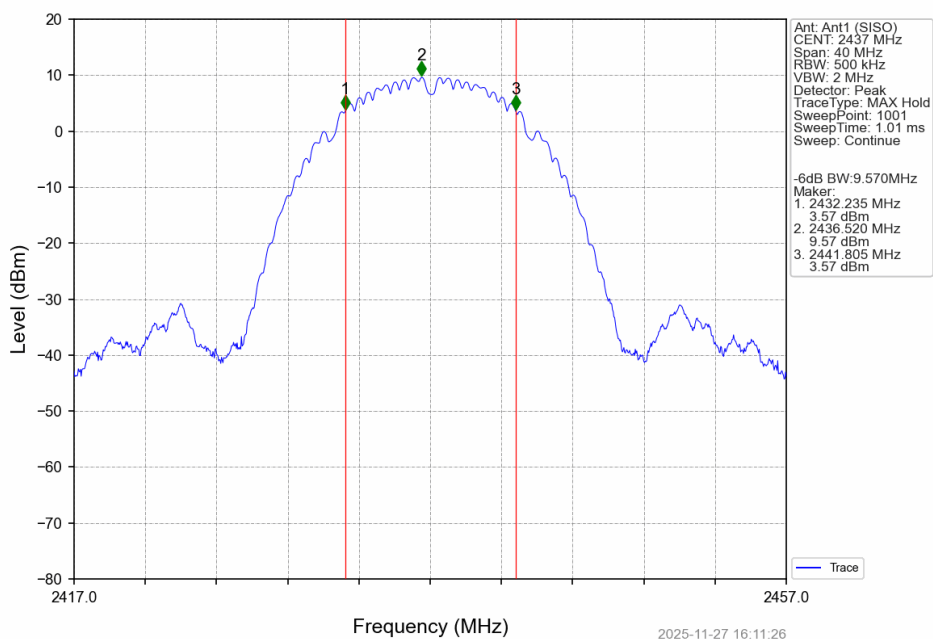
Test Report No.: PSU-NQN2510130109RF01

TEST GRAPHS

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

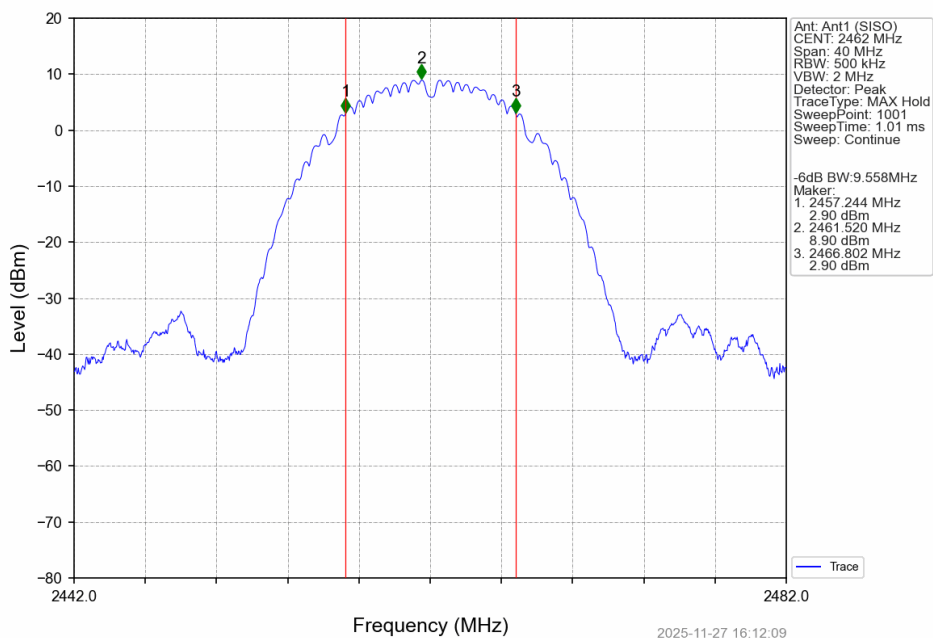




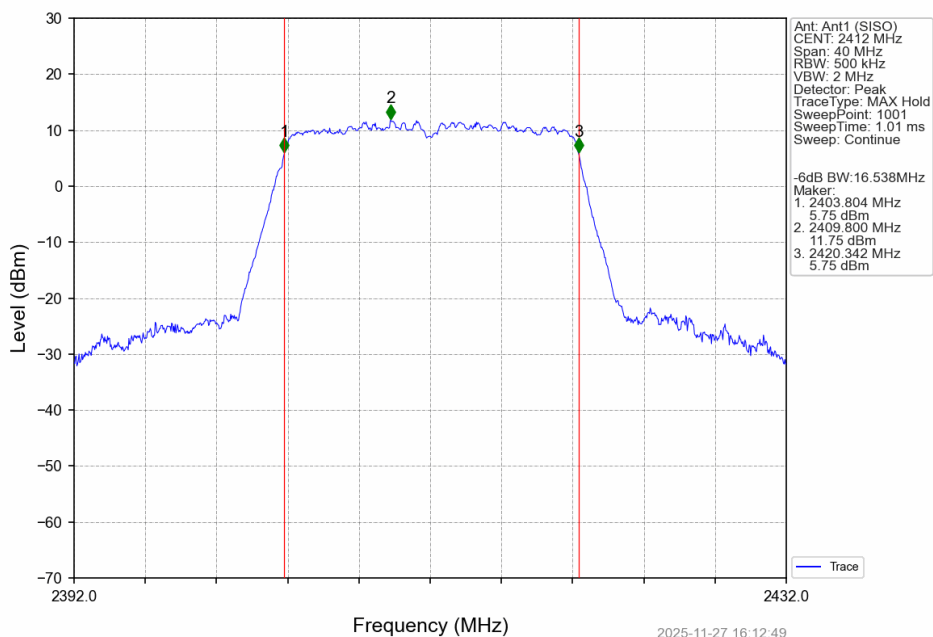
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

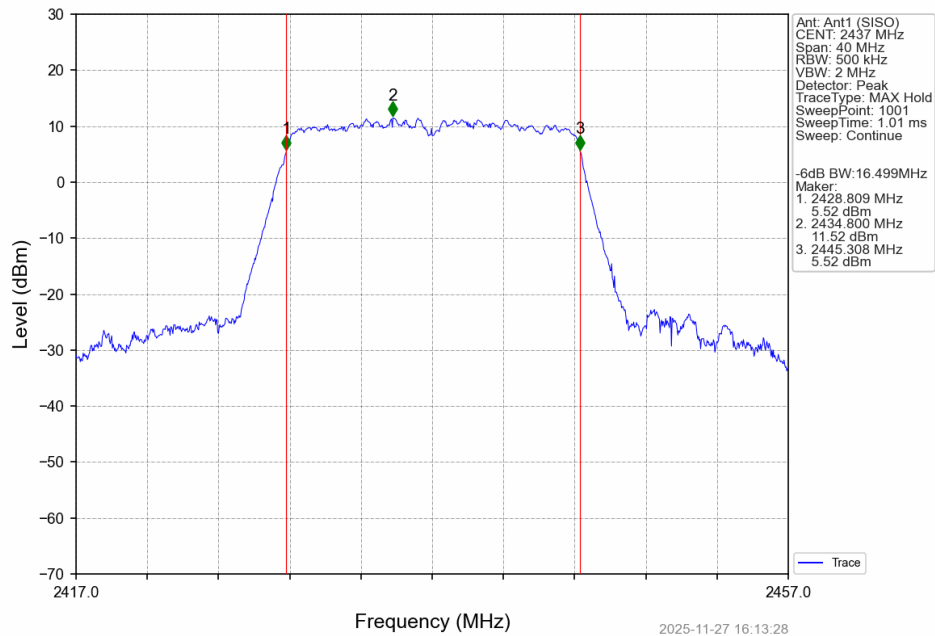




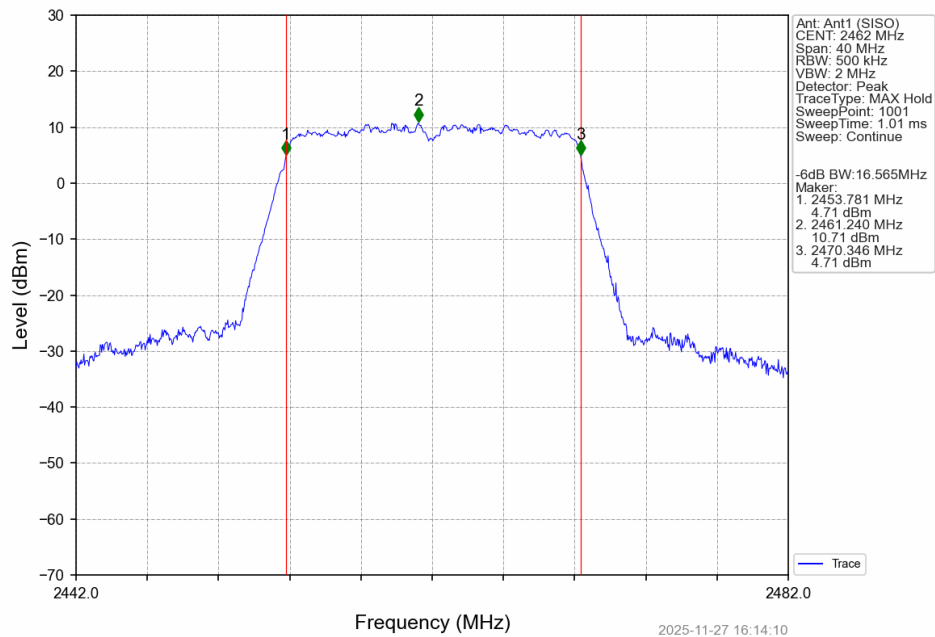
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

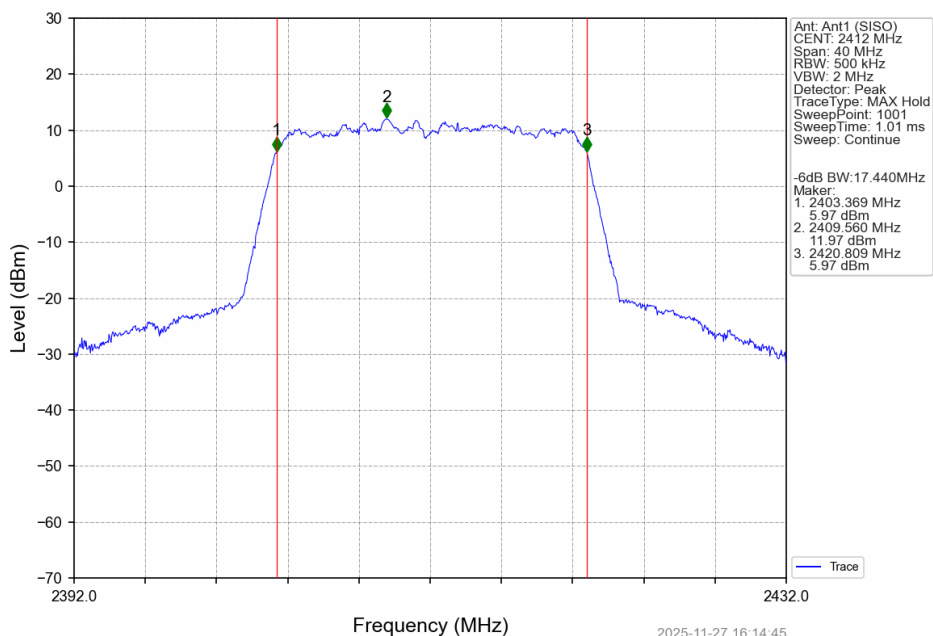




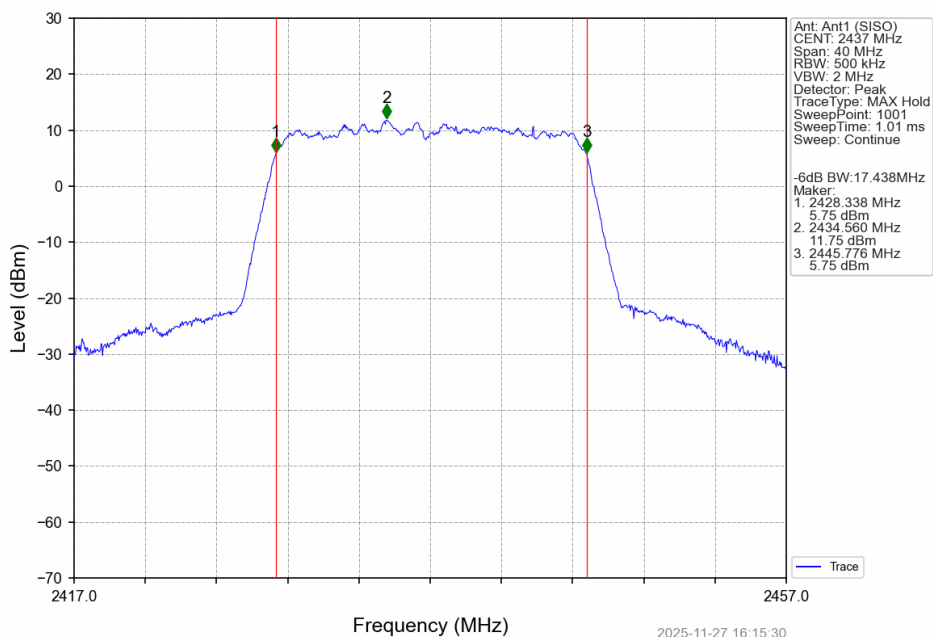
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

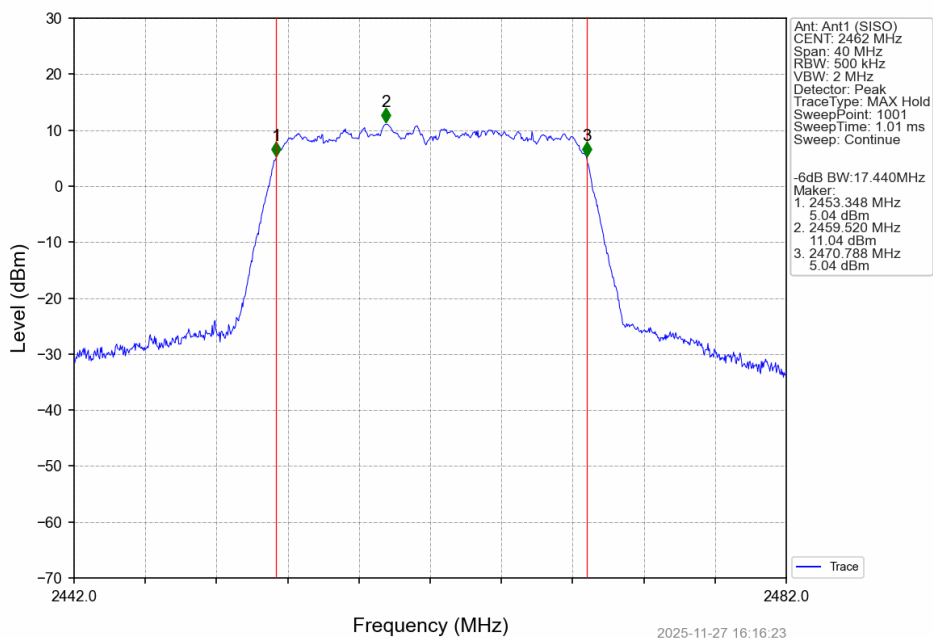




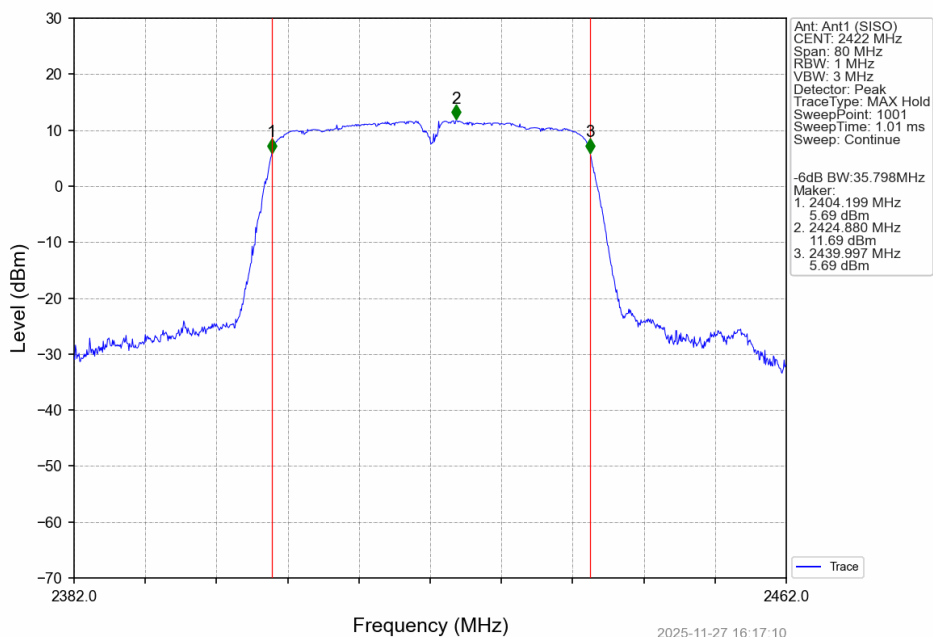
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

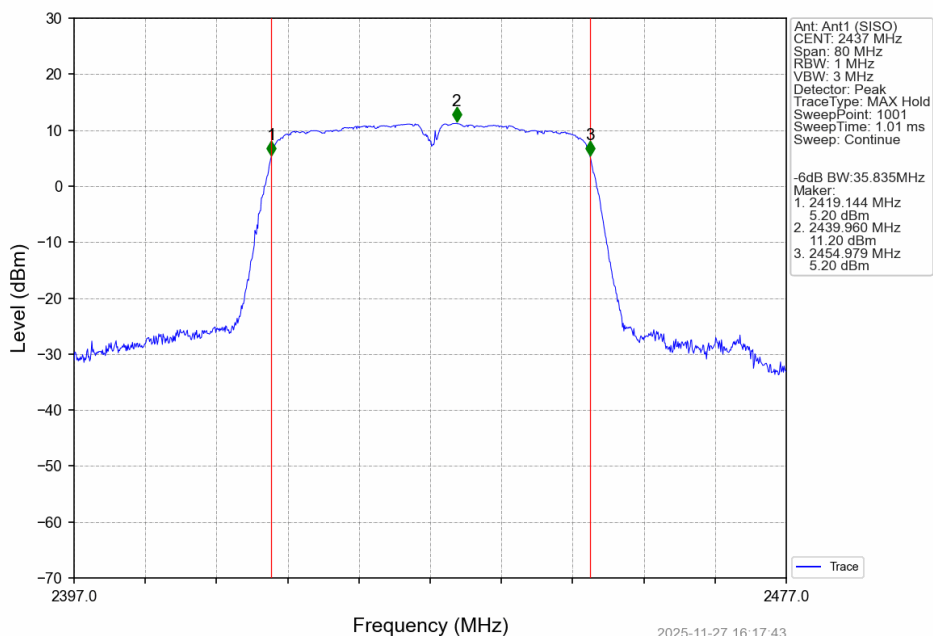




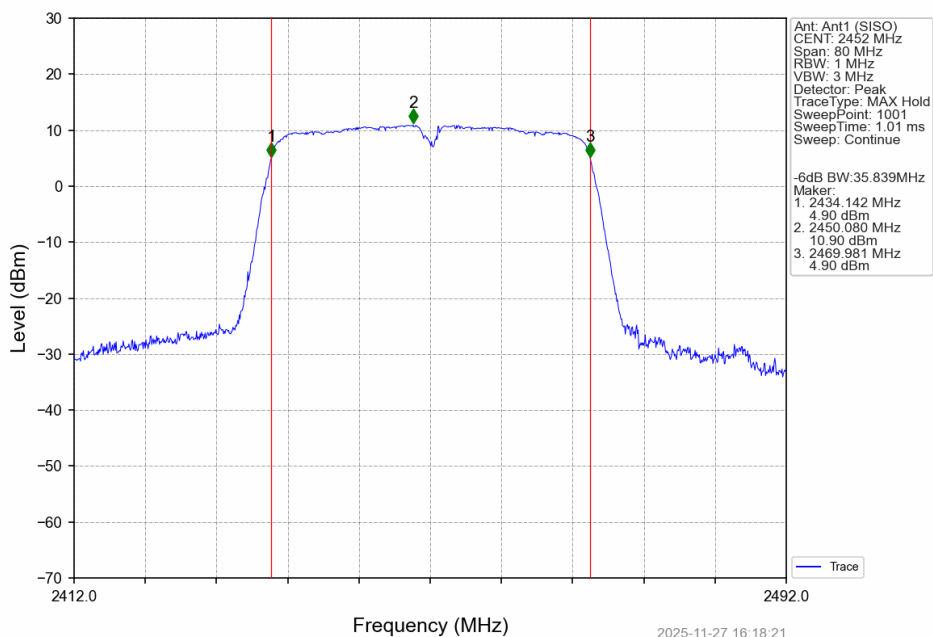
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

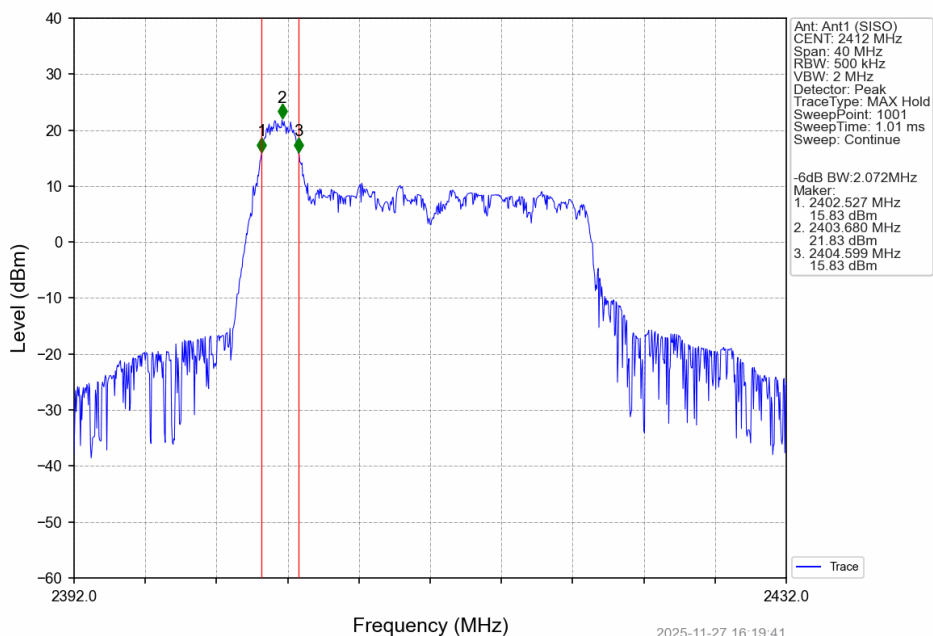




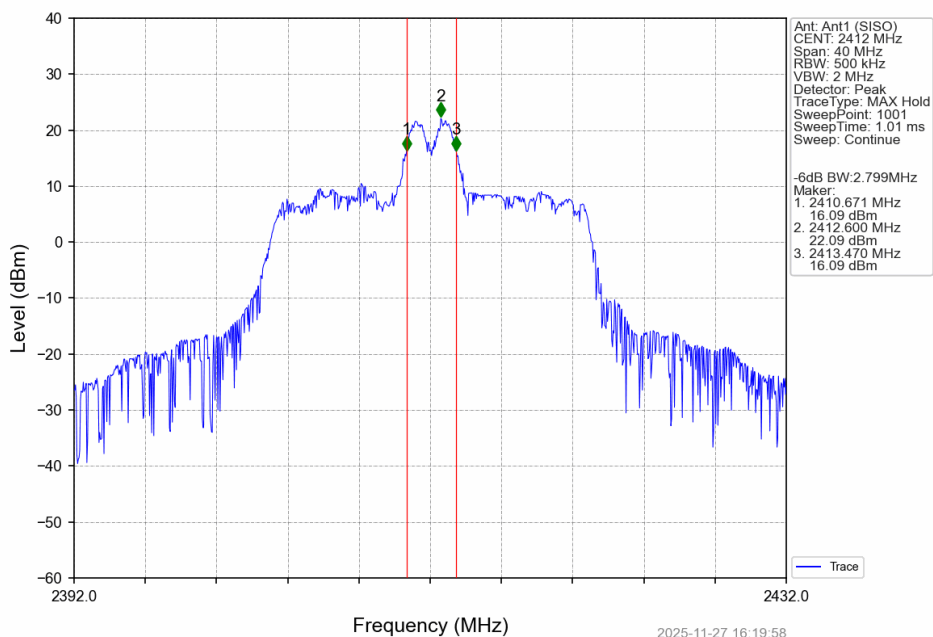
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_LCH_2412MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU26_Mid_Ant1 (SISO)_NTNV

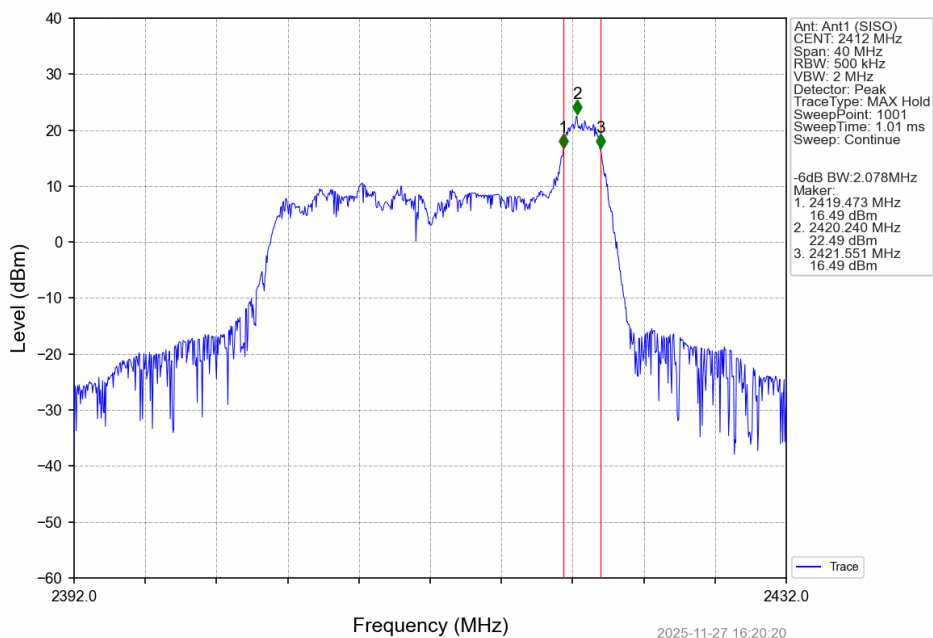




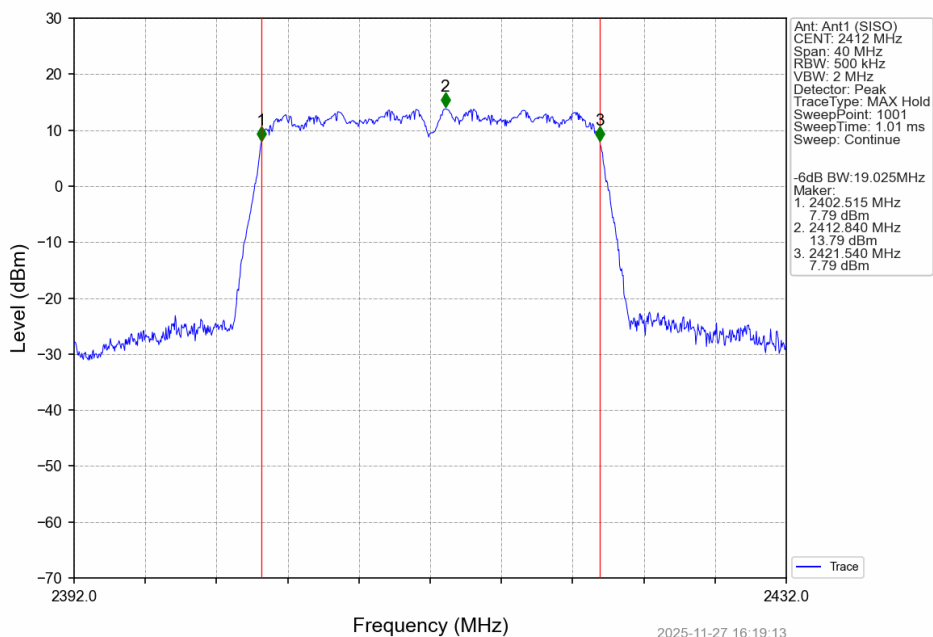
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_LCH_2412MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (SISO)_NTNV

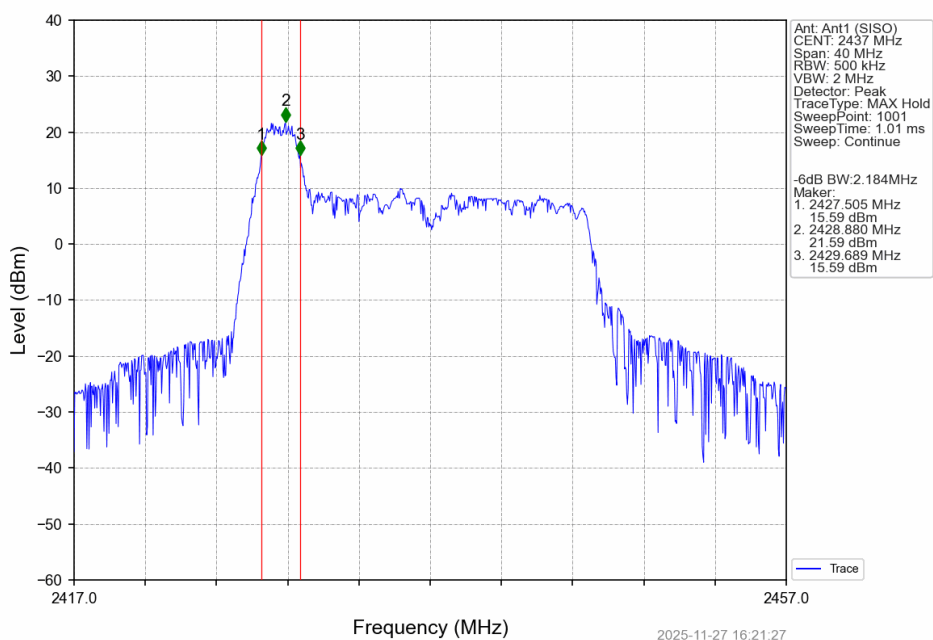




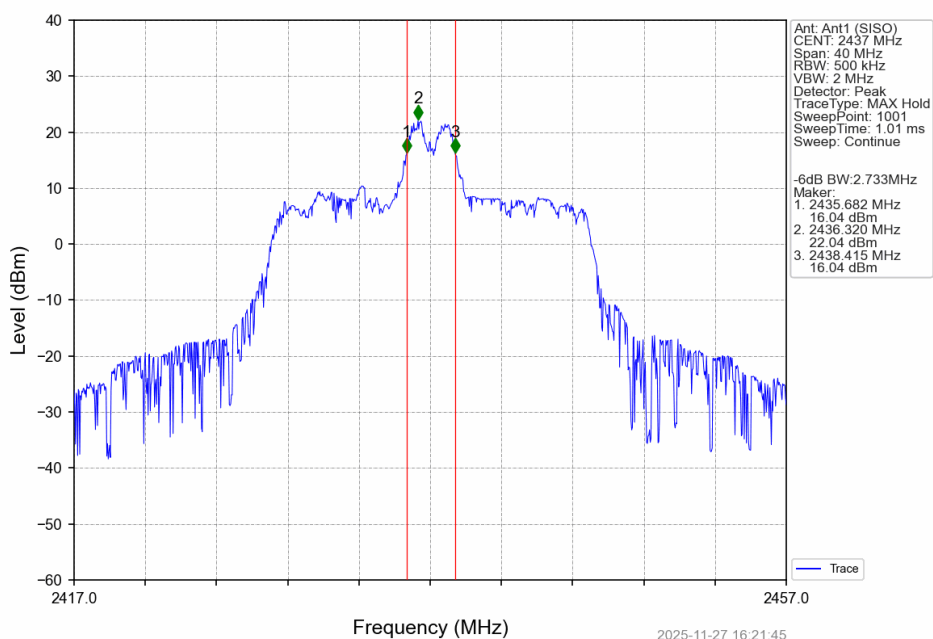
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_MCH_2437MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU26_Mid_Ant1 (SISO)_NTNV

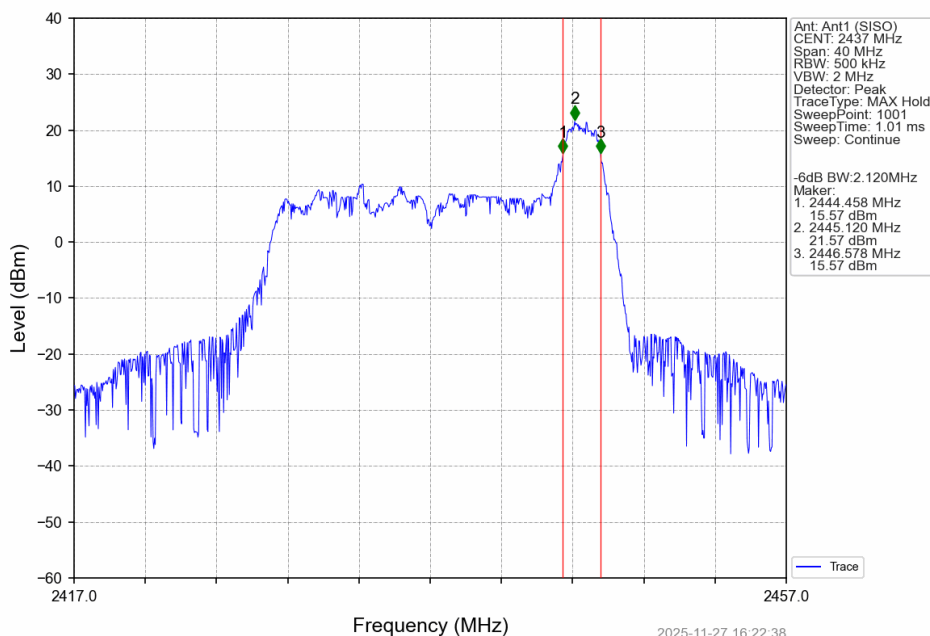




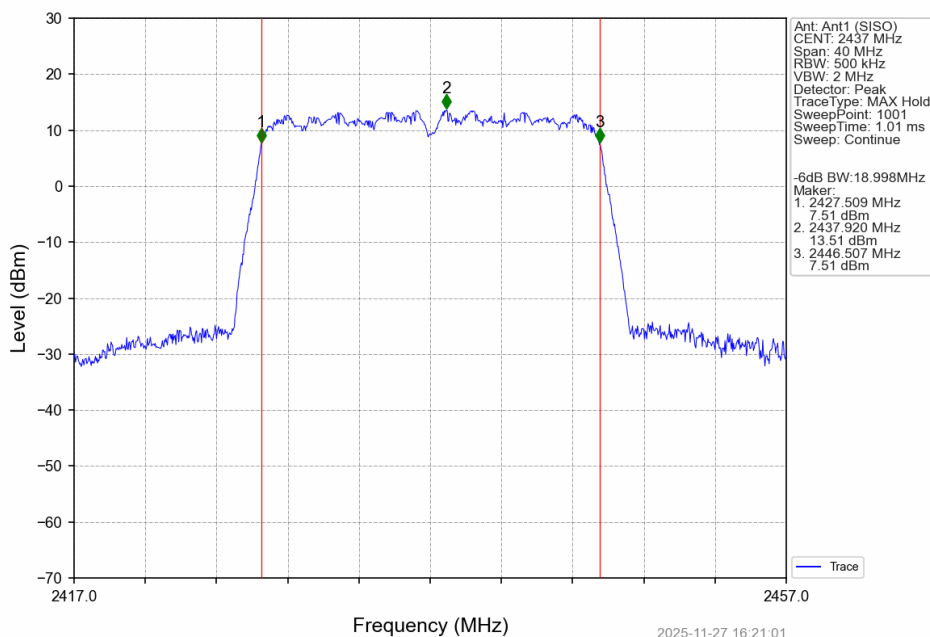
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_MCH_2437MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (SISO)_NTNV

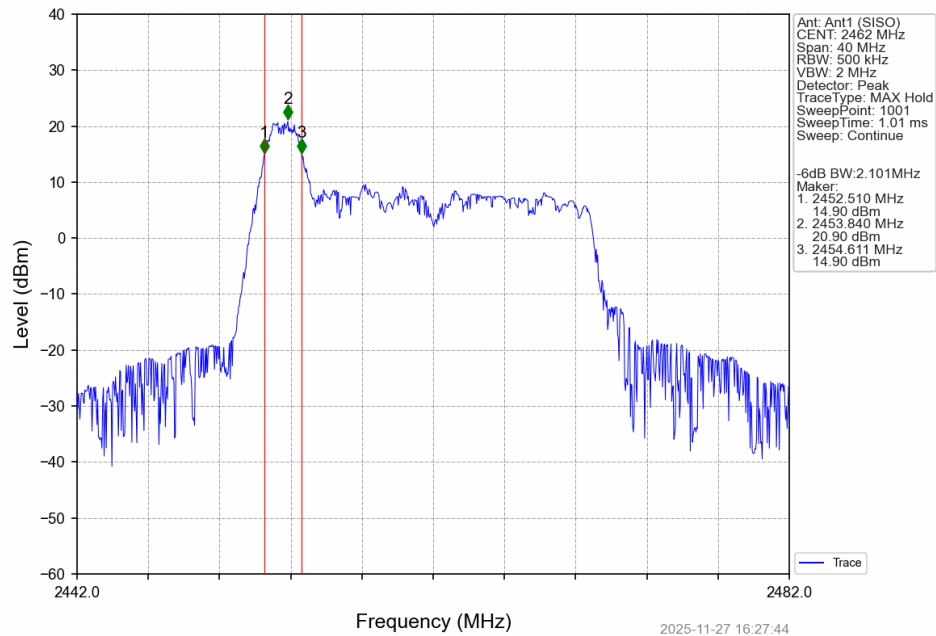




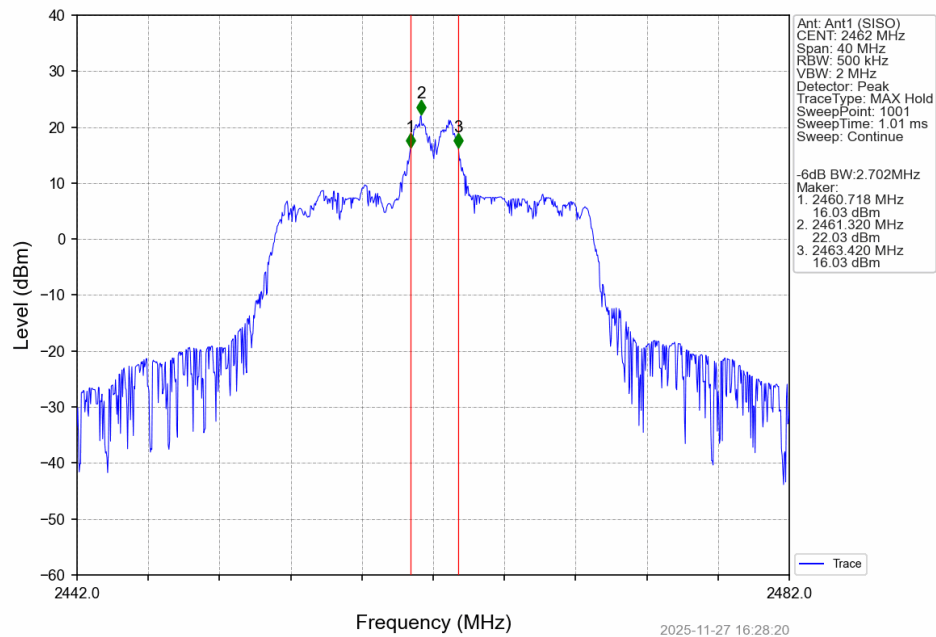
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_HCH_2462MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU26_Mid_Ant1 (SISO)_NTNV

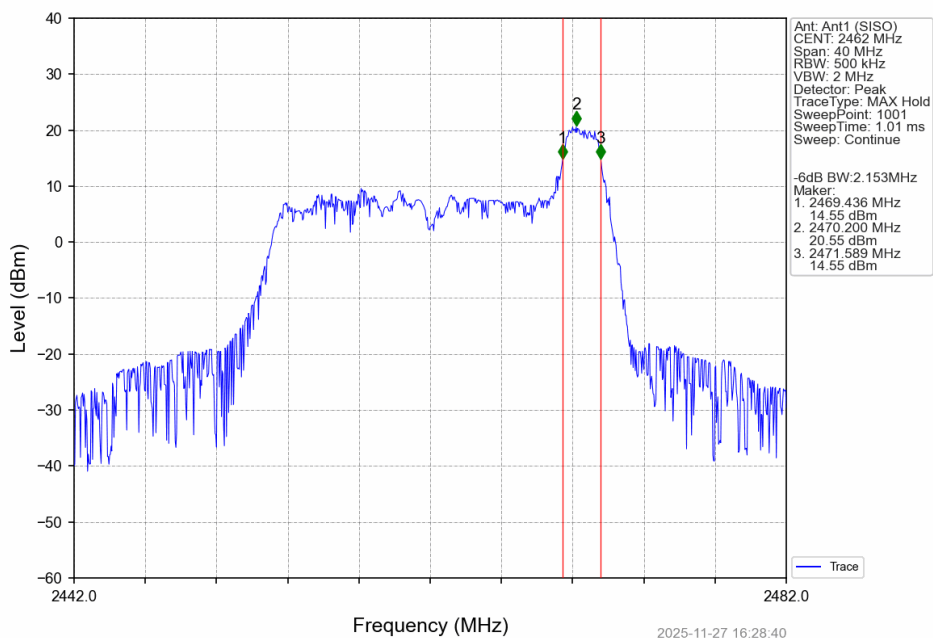




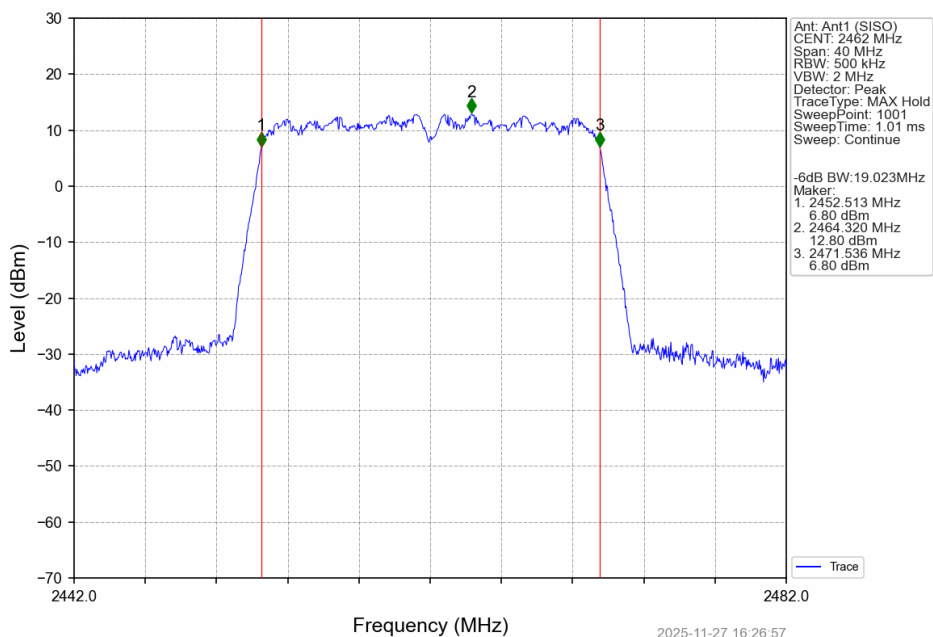
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_HCH_2462MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (SISO)_NTNV

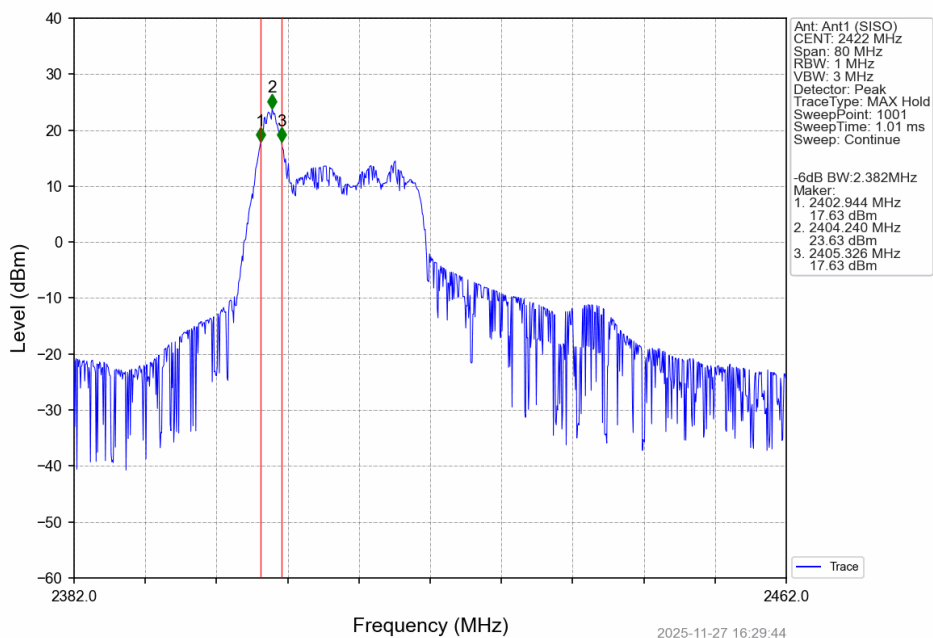




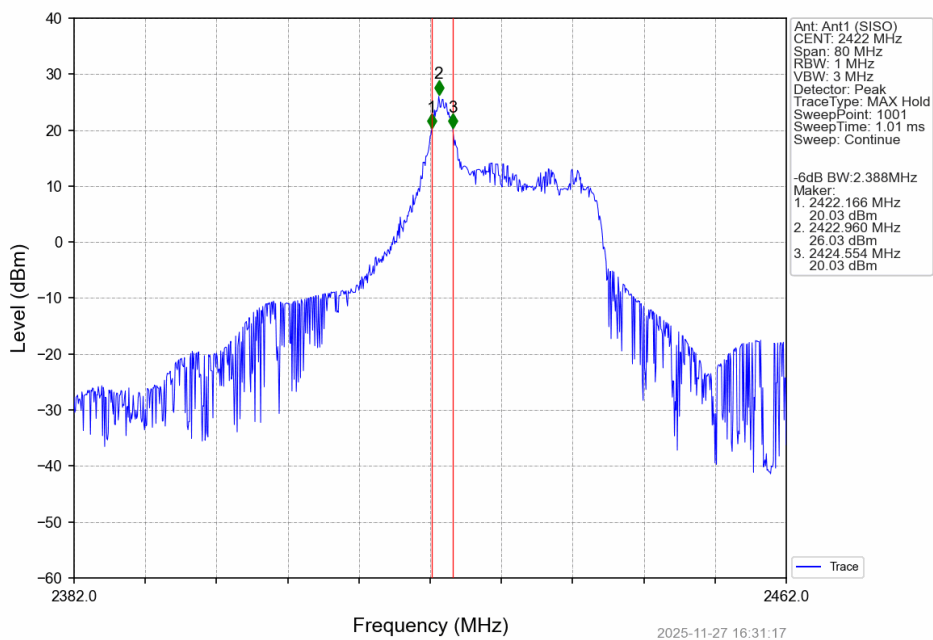
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_LCH_2422MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU26_Mid_Ant1 (SISO)_NTNV

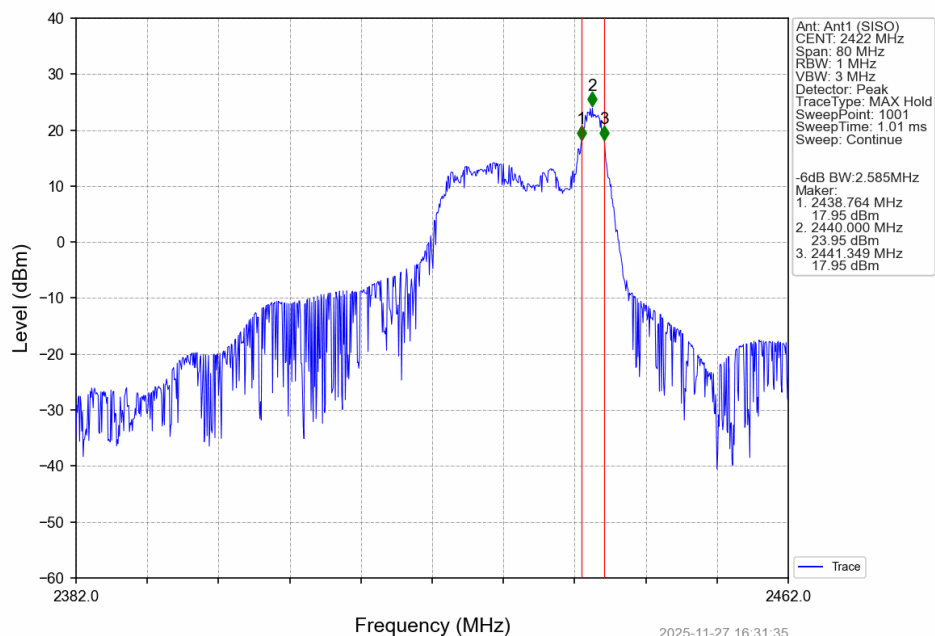




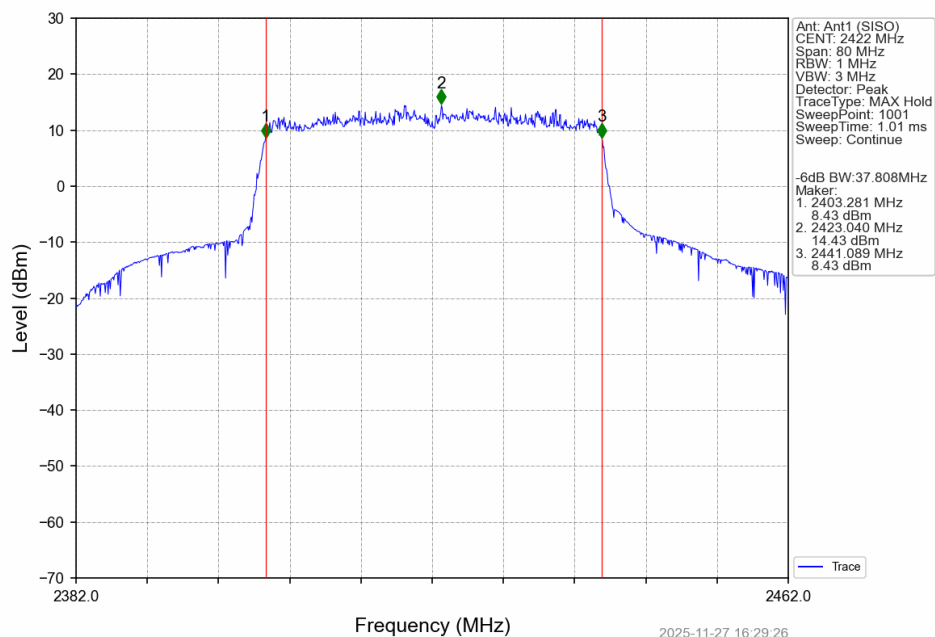
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_LCH_2422MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (SISO)_NTNV

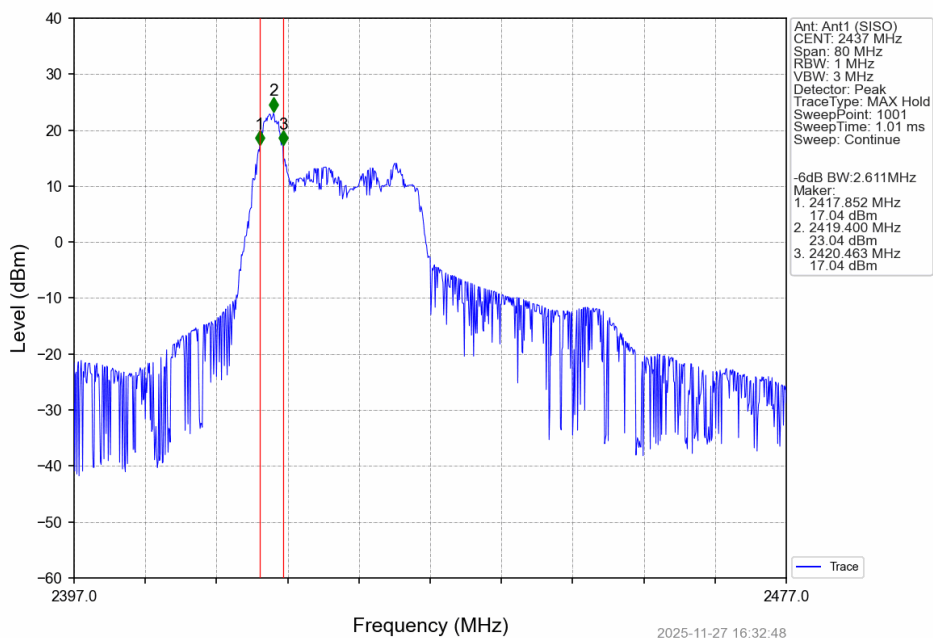




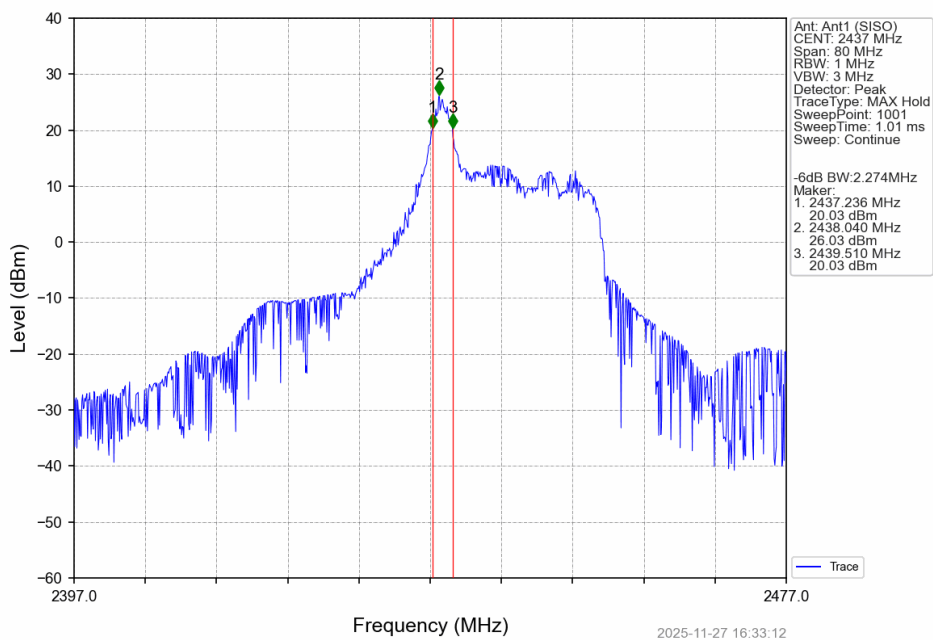
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_MCH_2437MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU26_Mid_Ant1 (SISO)_NTNV

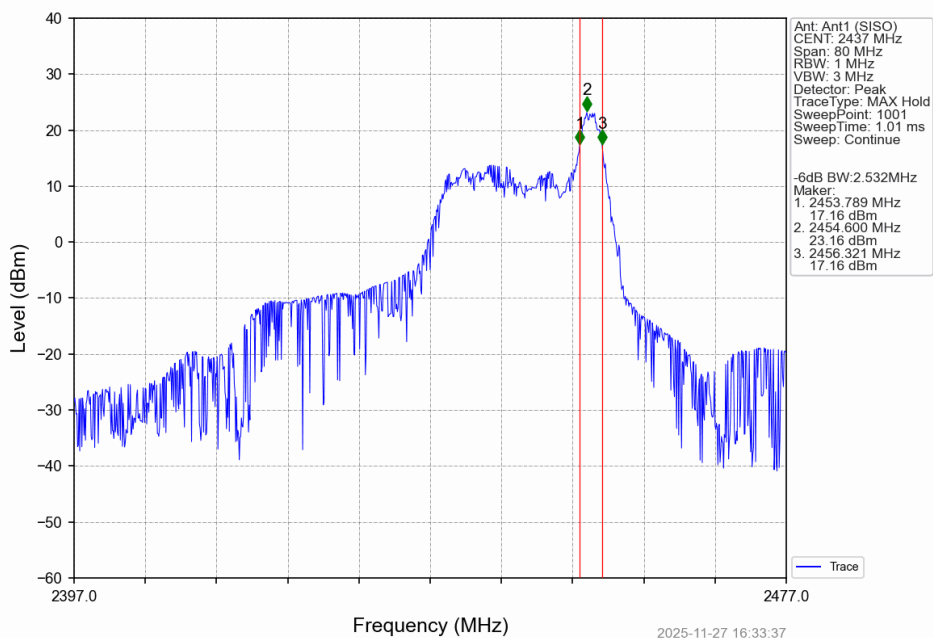




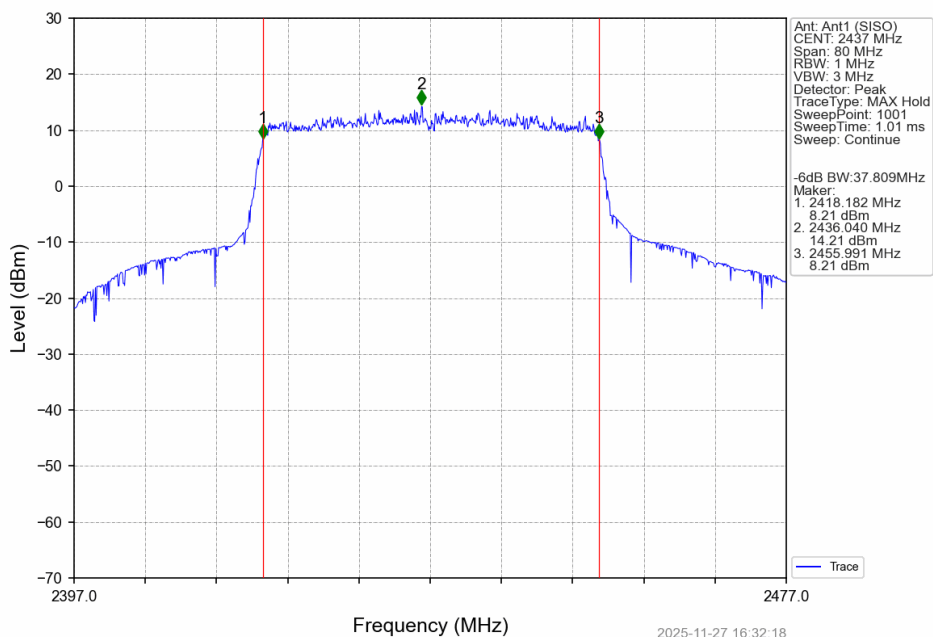
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_MCH_2437MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (SISO)_NTNV

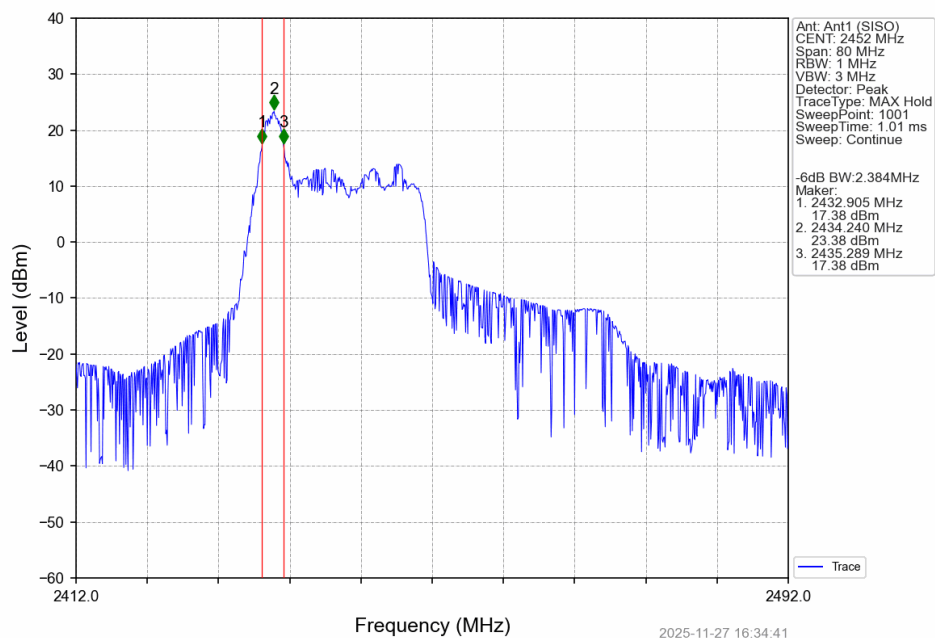




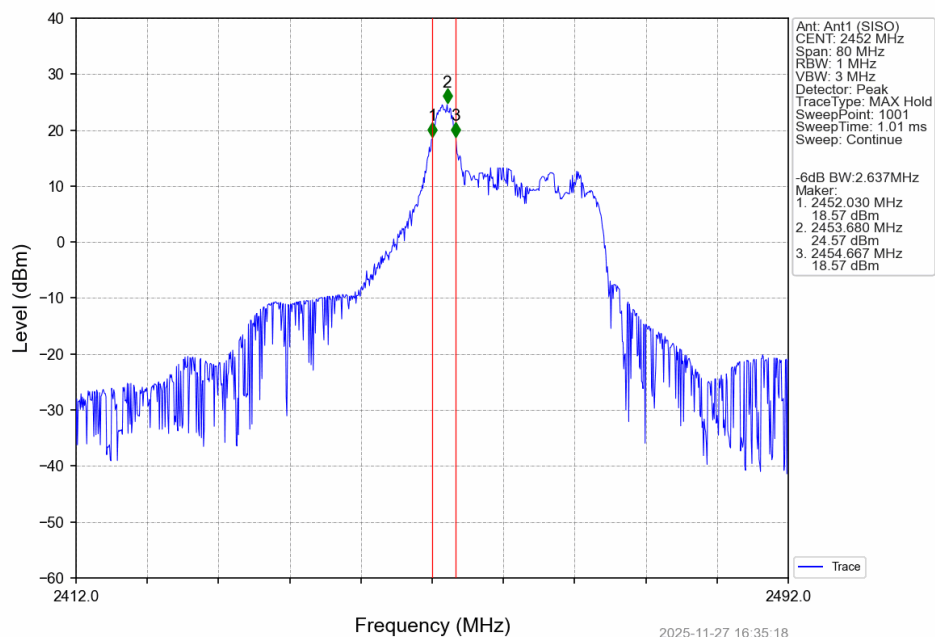
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_HCH_2452MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU26_Mid_Ant1 (SISO)_NTNV

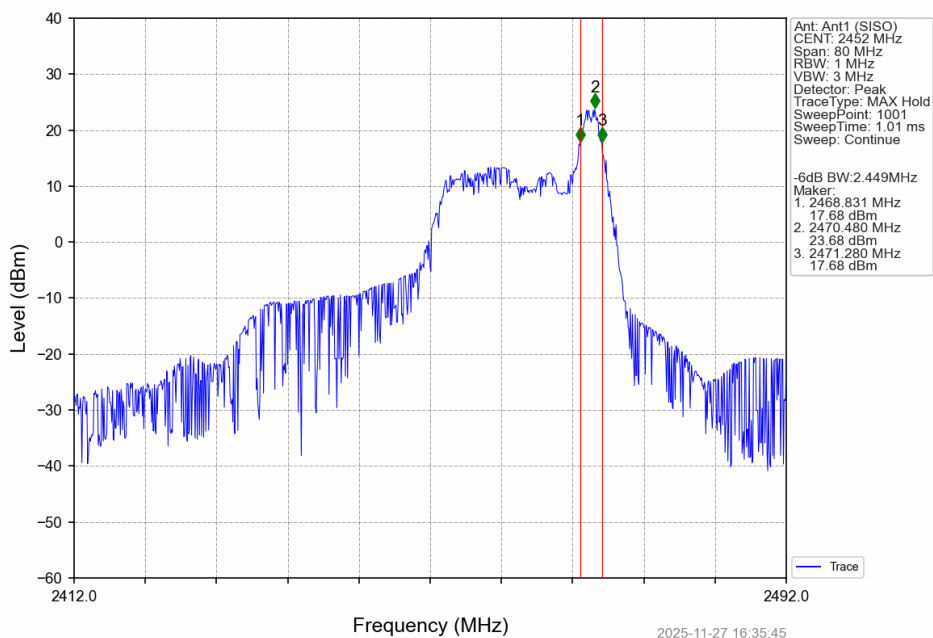




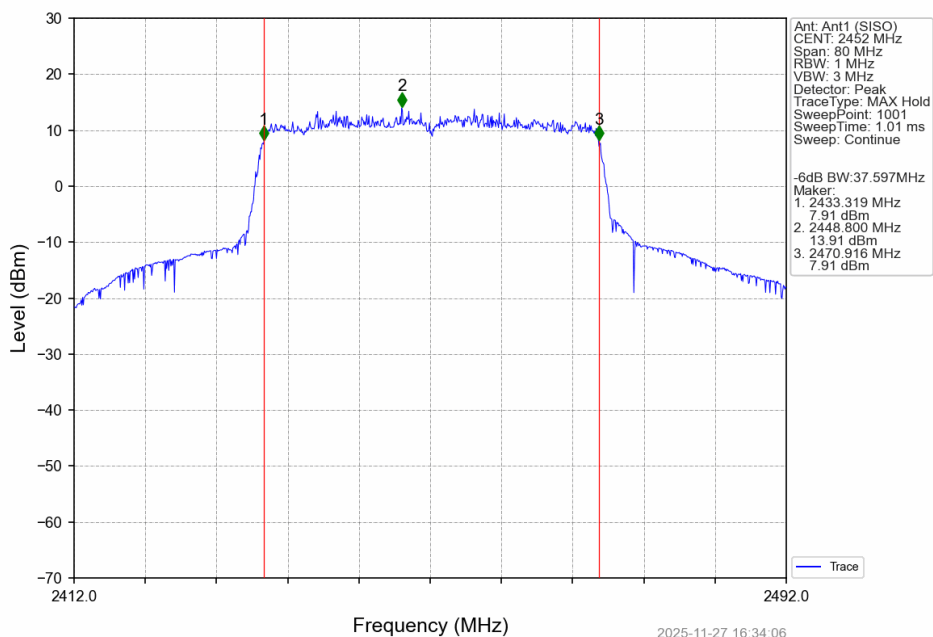
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_HCH_2452MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (SISO)_NTNV





OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	13.420	/	Pass
		2437	/	/	1	13.417	/	Pass
		2462	/	/	1	13.408	/	Pass
802.11g	SISO	2412	/	/	1	16.872	/	Pass
		2437	/	/	1	16.871	/	Pass
		2462	/	/	1	16.873	/	Pass
802.11n (HT20)	SISO	2412	/	/	1	17.727	/	Pass
		2437	/	/	1	17.723	/	Pass
		2462	/	/	1	17.707	/	Pass
802.11n (HT40)	SISO	2422	/	/	1	35.881	/	Pass
		2437	/	/	1	35.891	/	Pass
		2452	/	/	1	35.911	/	Pass
802.11ax (HEW20)	SISO	2412	RU26	Left	1	18.481	/	Pass
				Mid	1	16.908	/	Pass
				Right	1	18.369	/	Pass
		2437	RU242	Left	1	18.974	/	Pass
				Left	1	18.512	/	Pass
				Mid	1	16.891	/	Pass
				Right	1	18.437	/	Pass
		2462	RU242	Left	1	18.984	/	Pass
				Left	1	18.525	/	Pass
				Mid	1	16.860	/	Pass
				Right	1	18.358	/	Pass
				Left	1	18.981	/	Pass
802.11ax (HEW40)	SISO	2422	RU26	Left	1	19.089	/	Pass
				Mid	1	21.429	/	Pass
				Right	1	19.889	/	Pass
			RU484	Left	1	38.603	/	Pass



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		2437	RU26	Left	1	19.093	/	Pass
				Mid	1	21.427	/	Pass
				Right	1	19.833	/	Pass
			RU484	Left	1	38.439	/	Pass
		2452	RU26	Left	1	19.198	/	Pass
				Mid	1	21.591	/	Pass
				Right	1	19.816	/	Pass
			RU484	Left	1	38.414	/	Pass

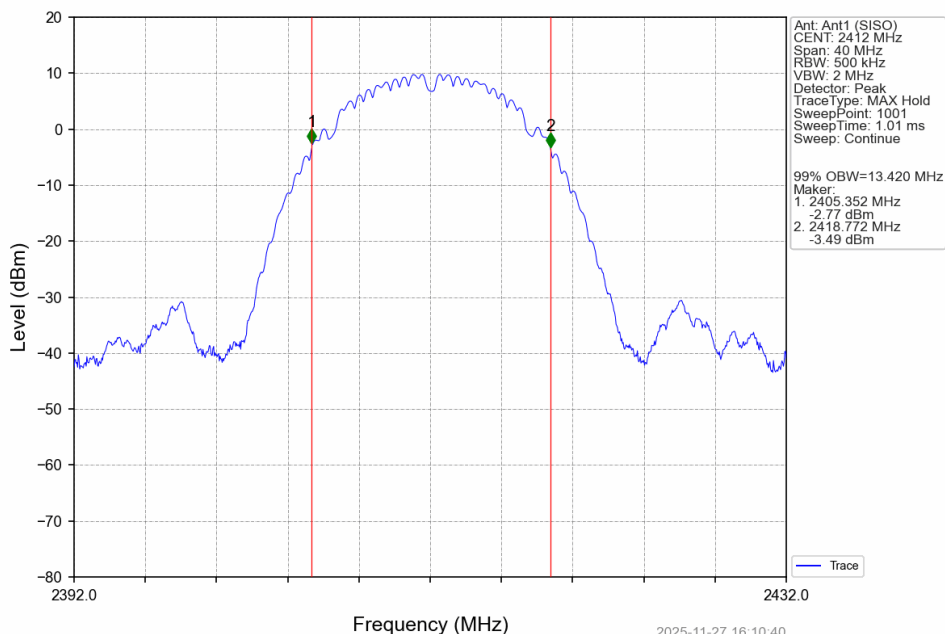


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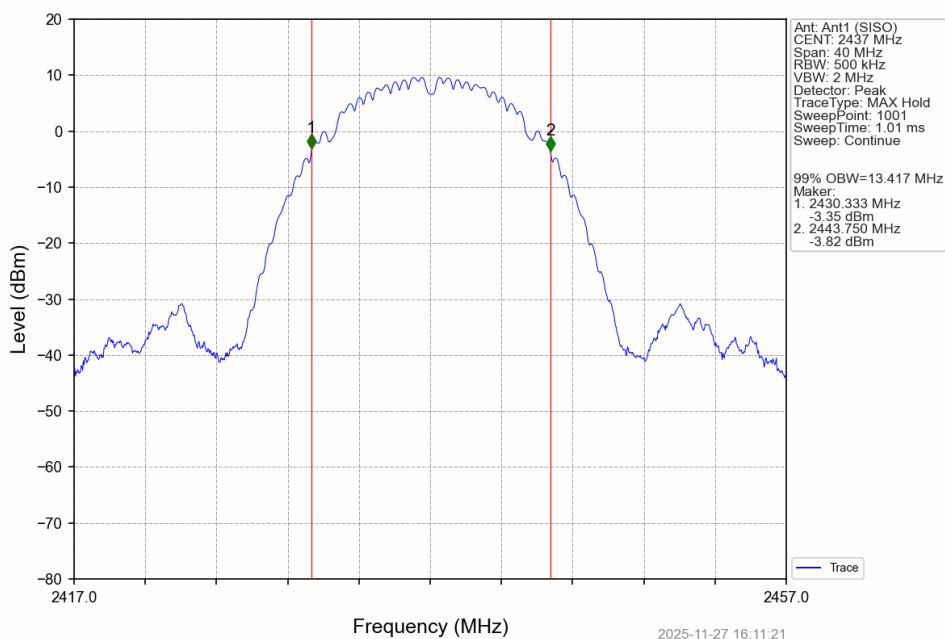
Test Report No.: PSU-NQN2510130109RF01

TEST GRAPHS

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

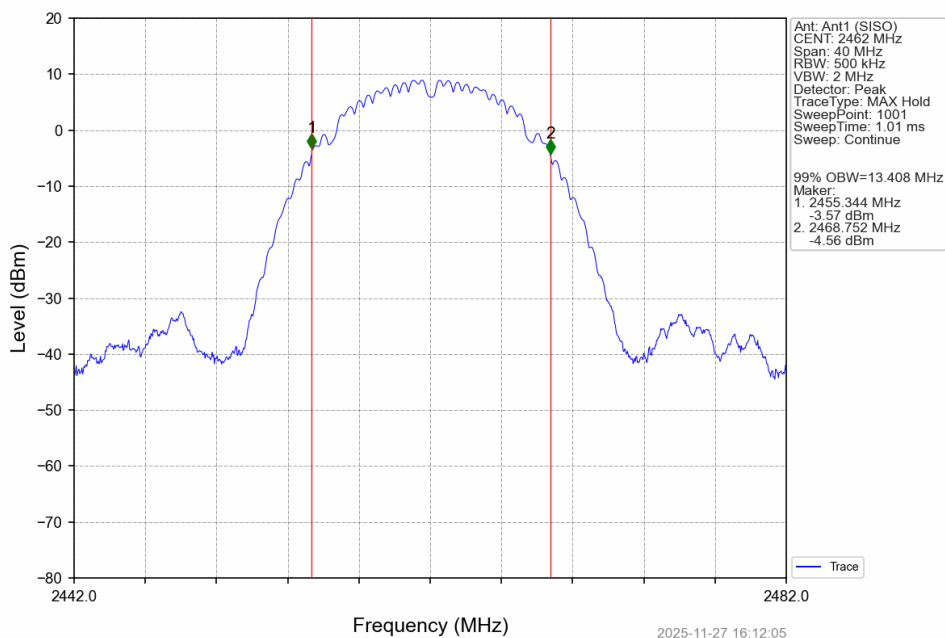




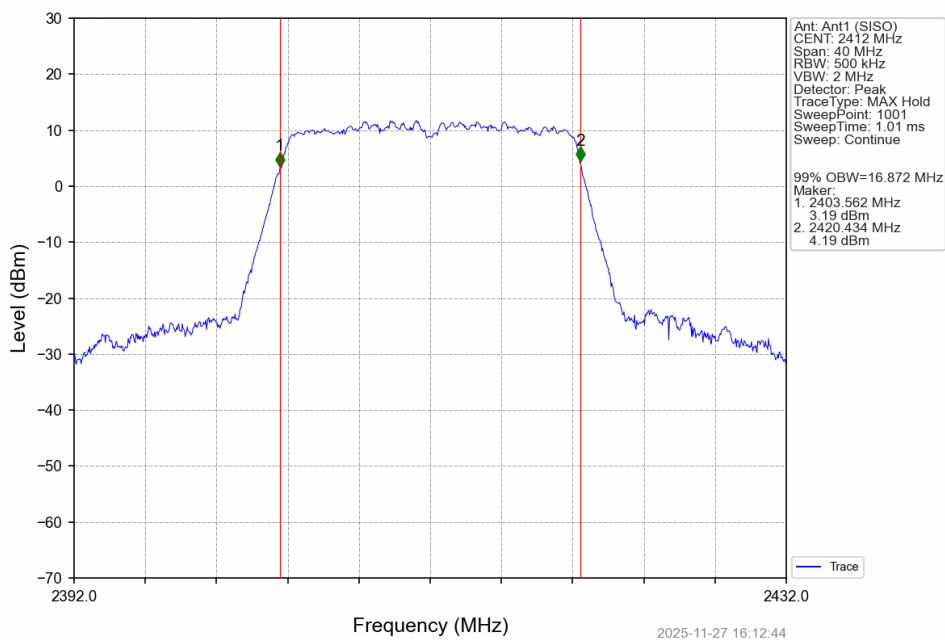
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

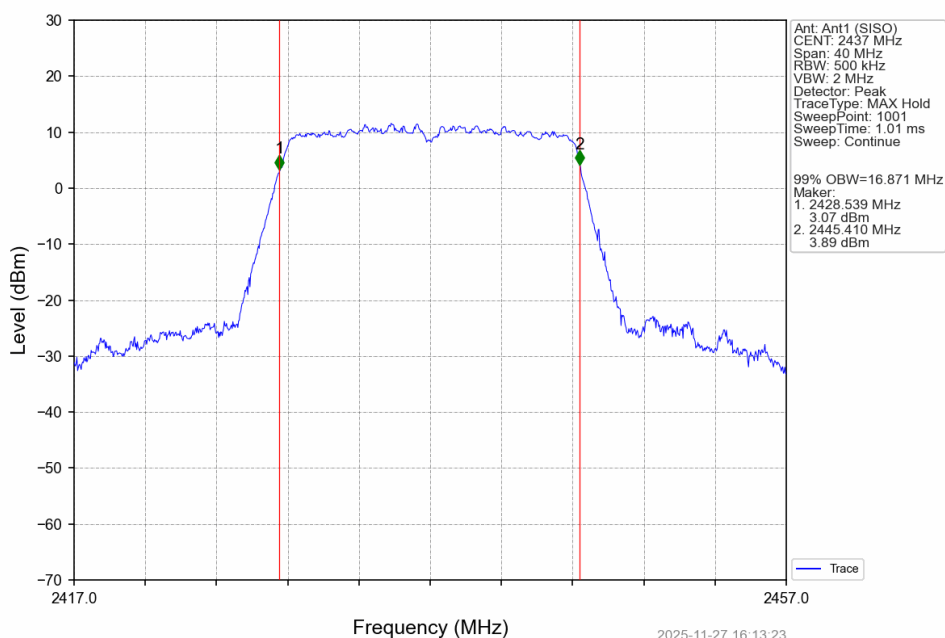




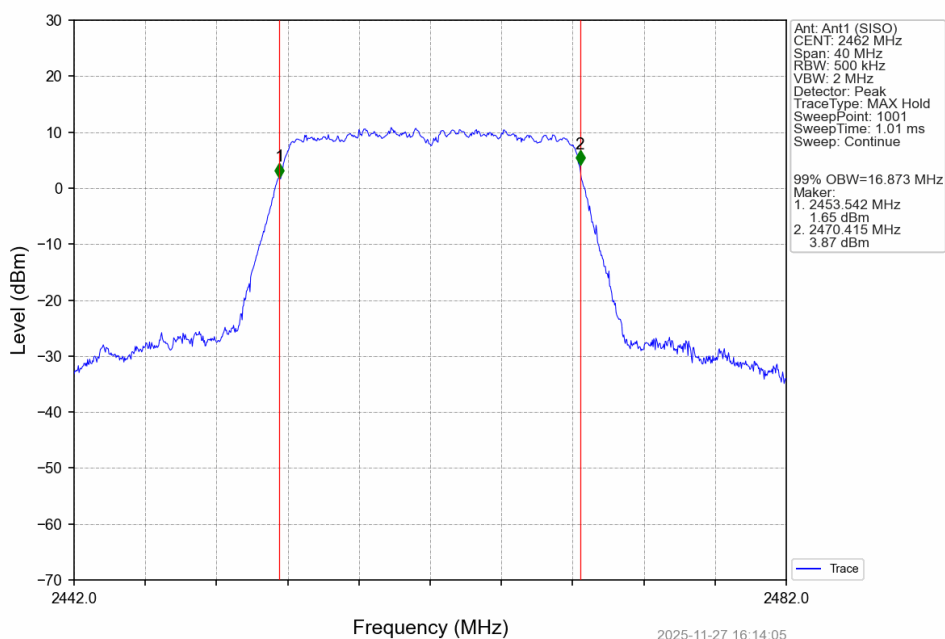
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

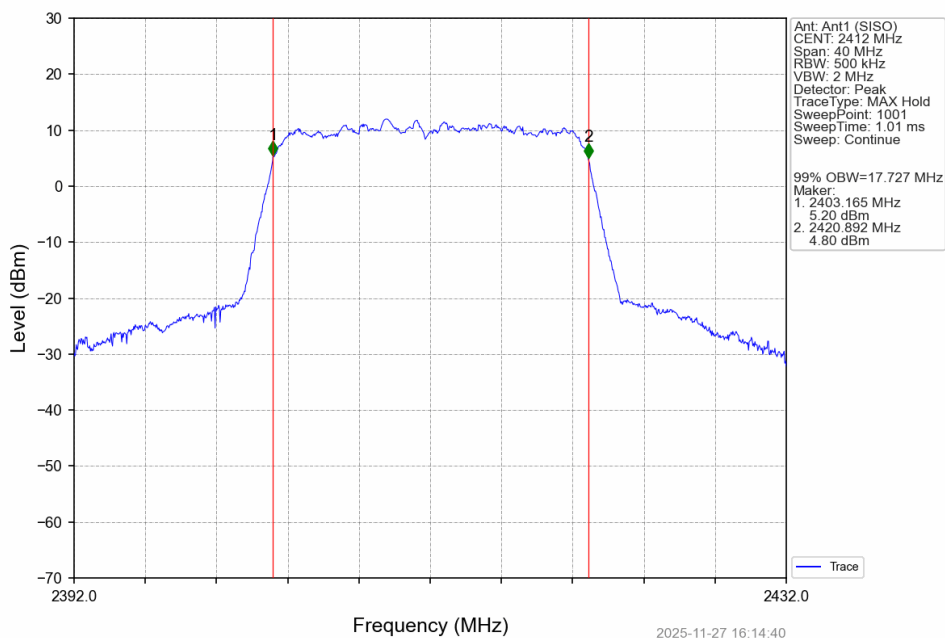




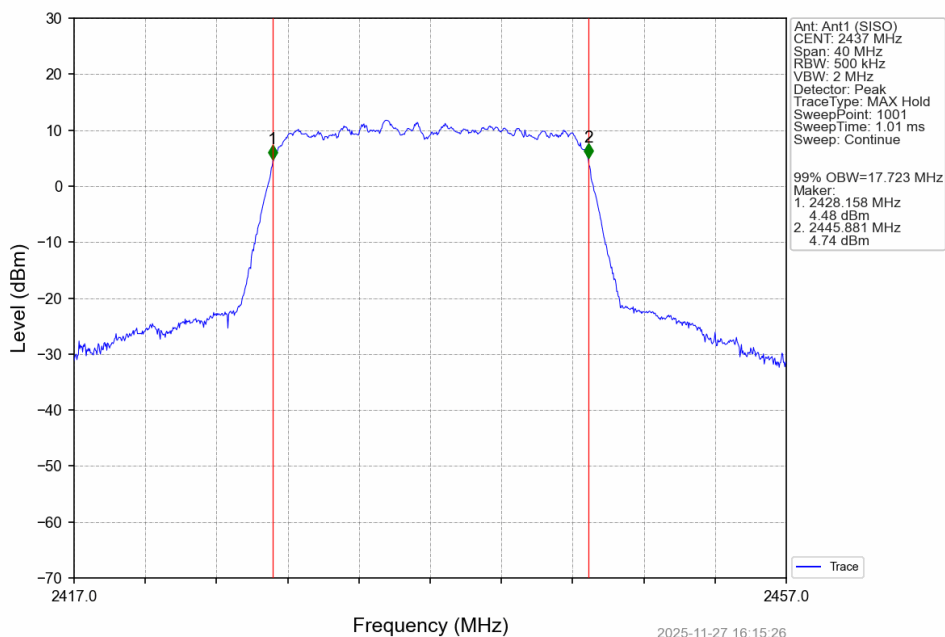
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

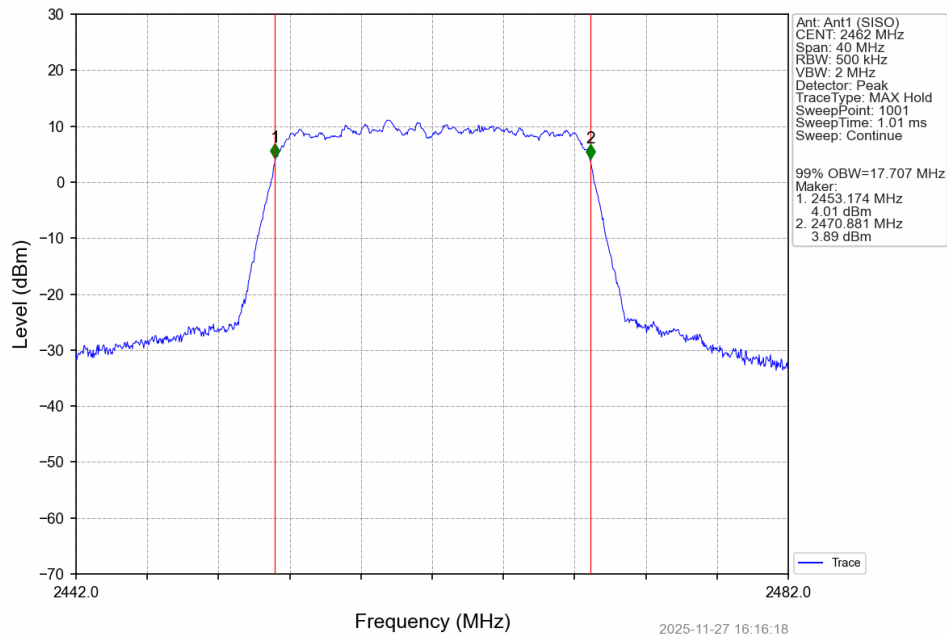




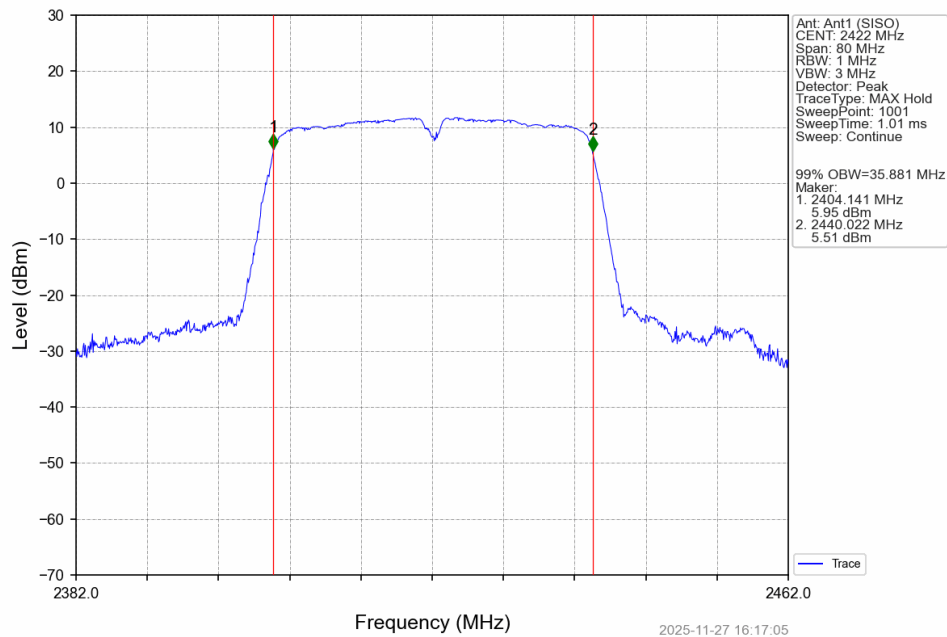
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

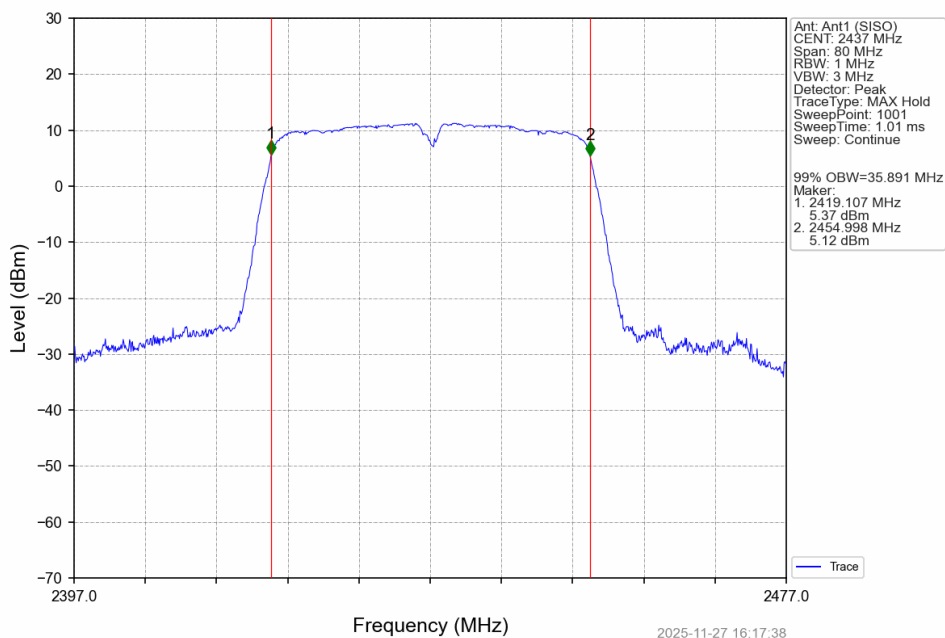




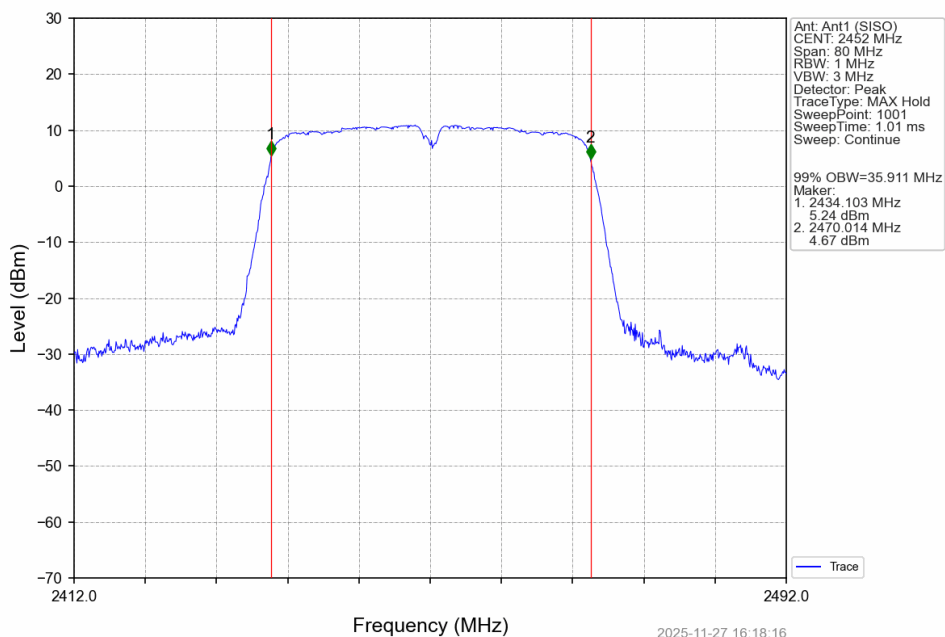
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VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

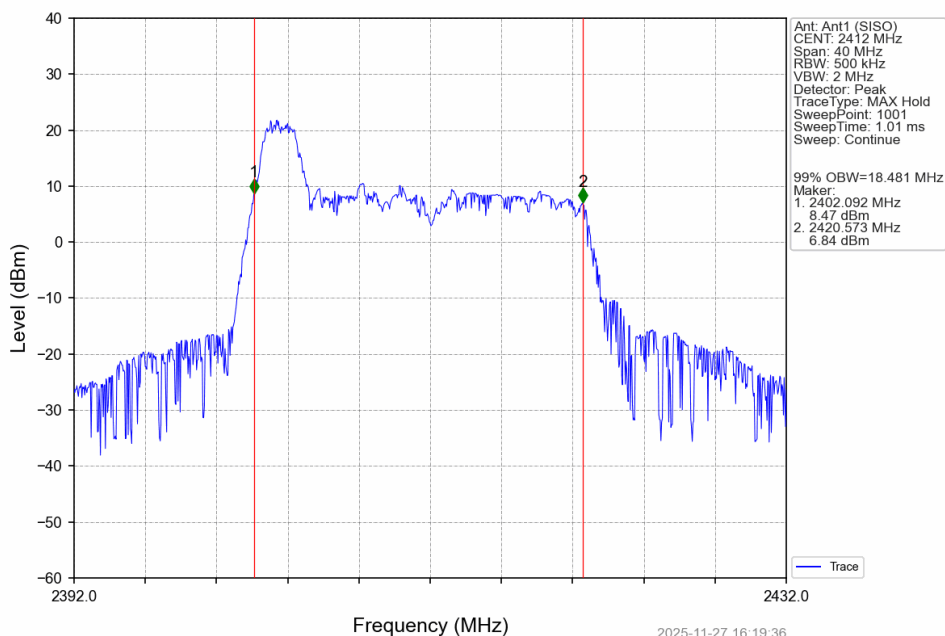




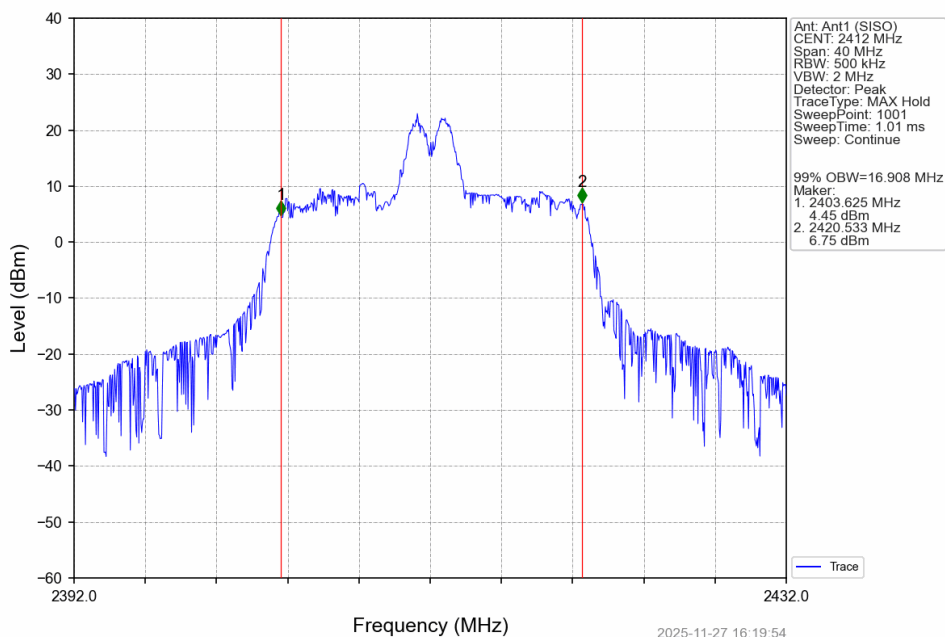
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_LCH_2412MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU26_Mid_Ant1 (SISO)_NTNV

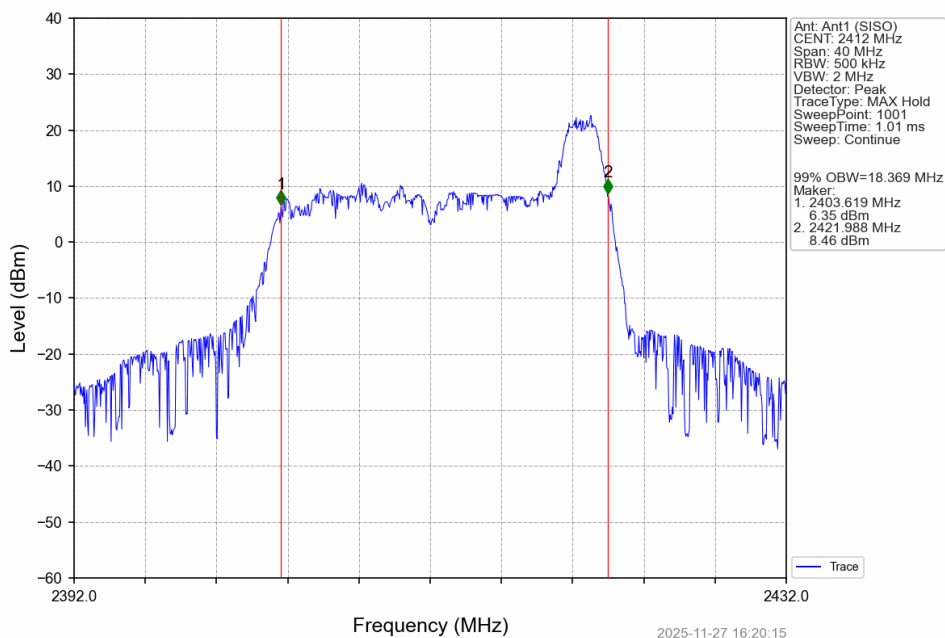




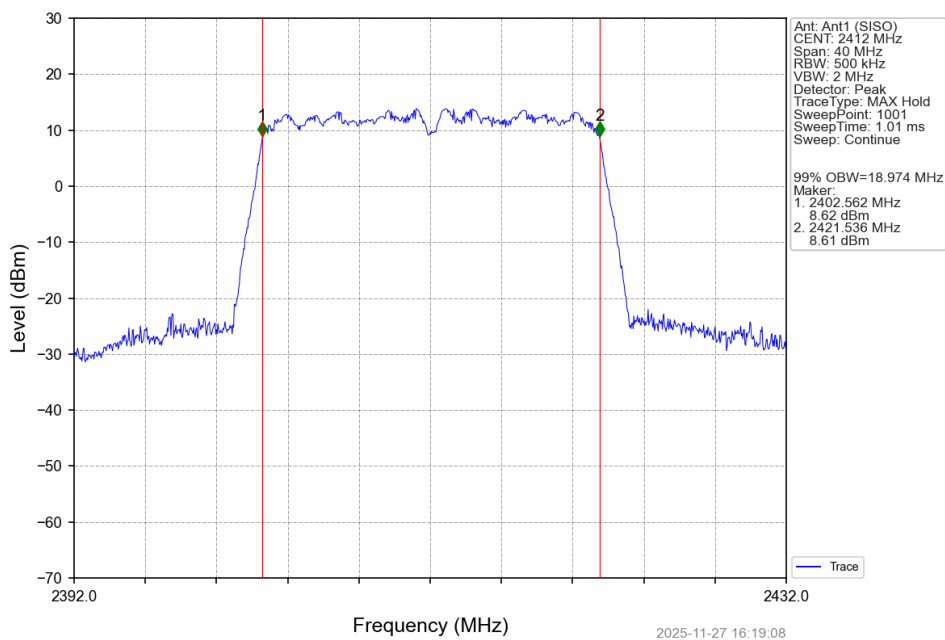
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_LCH_2412MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (SISO)_NTNV

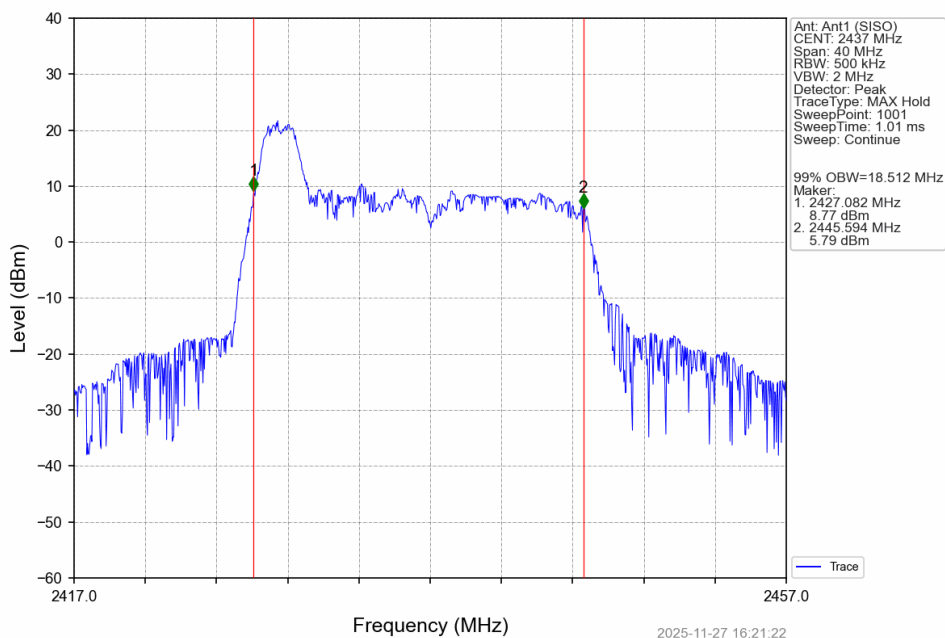




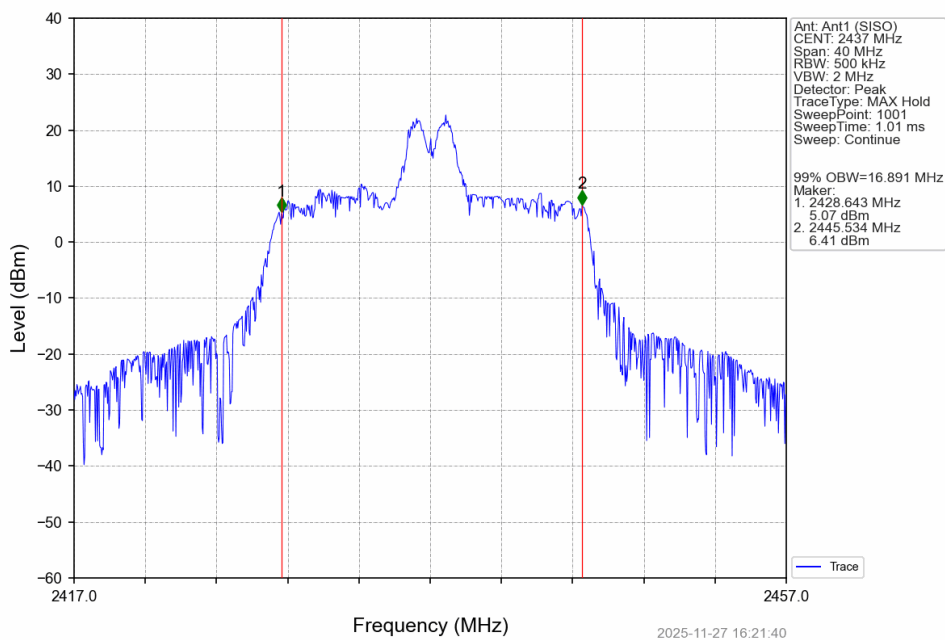
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_MCH_2437MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU26_Mid_Ant1 (SISO)_NTNV

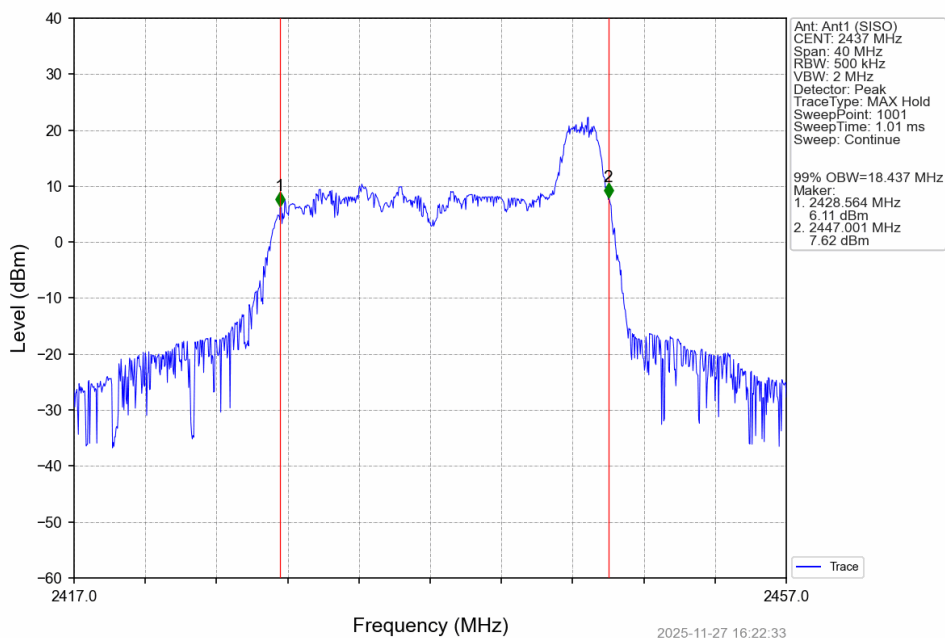




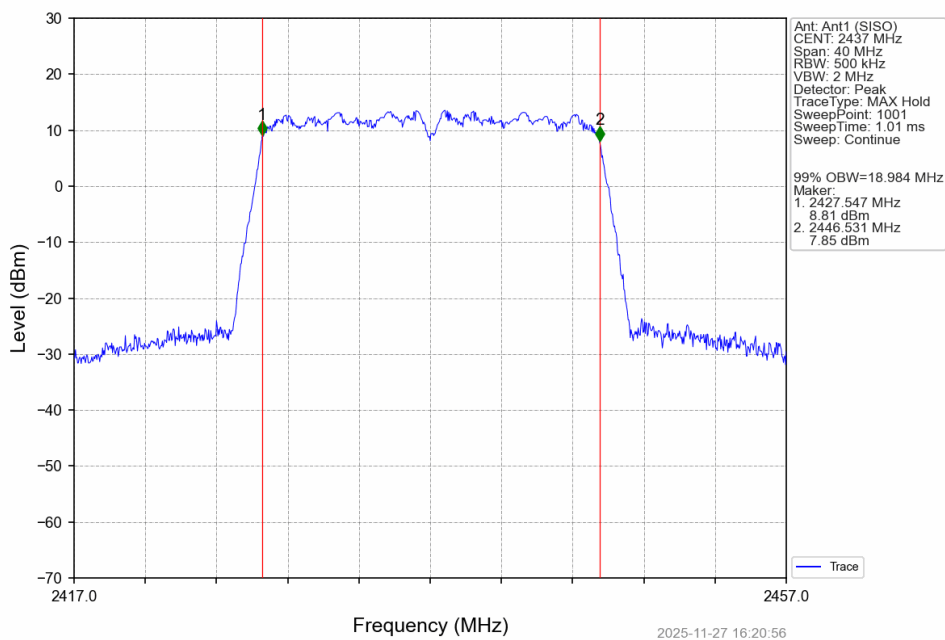
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_MCH_2437MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (SISO)_NTNV

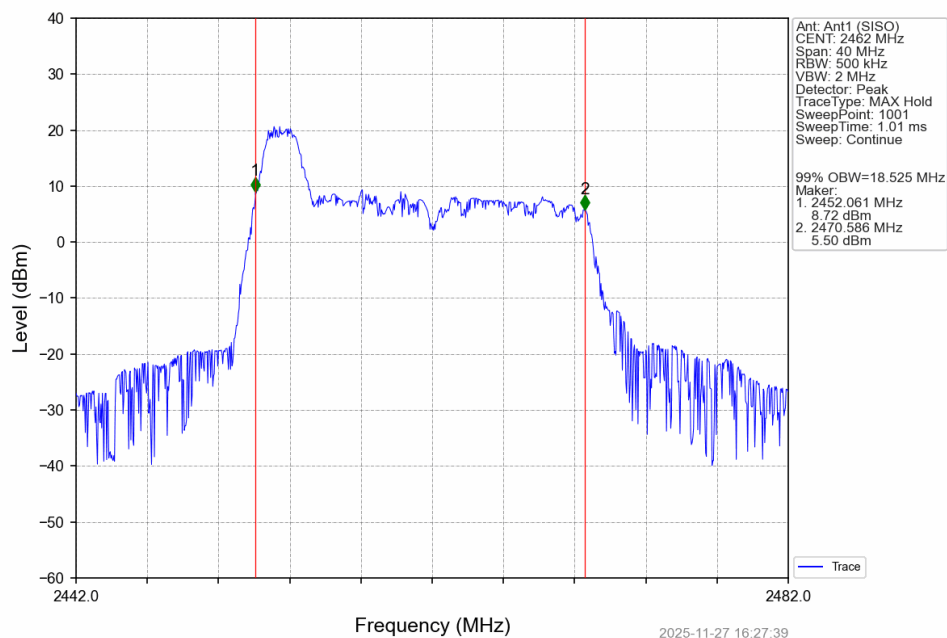




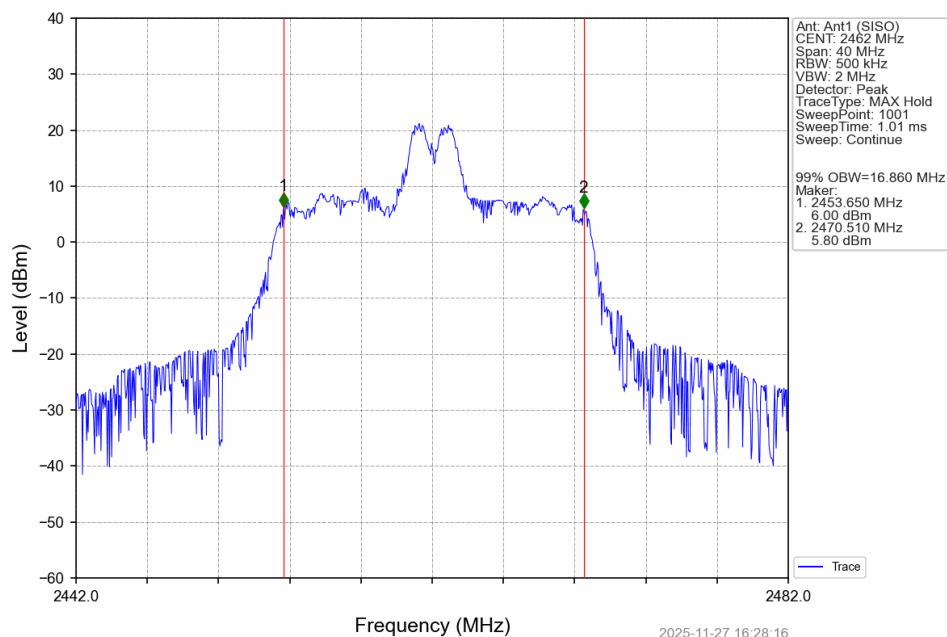
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_HCH_2462MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU26_Mid_Ant1 (SISO)_NTNV

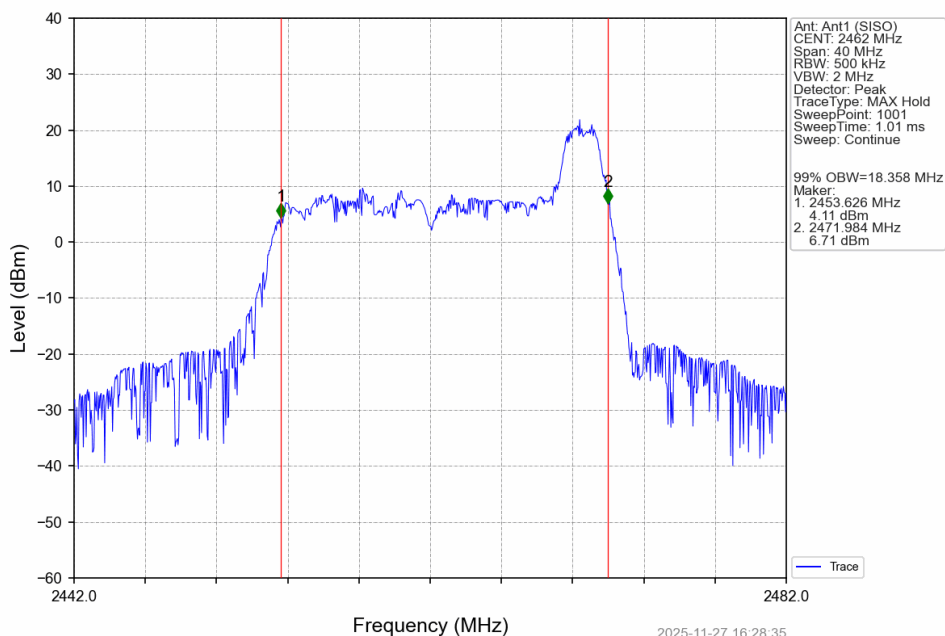




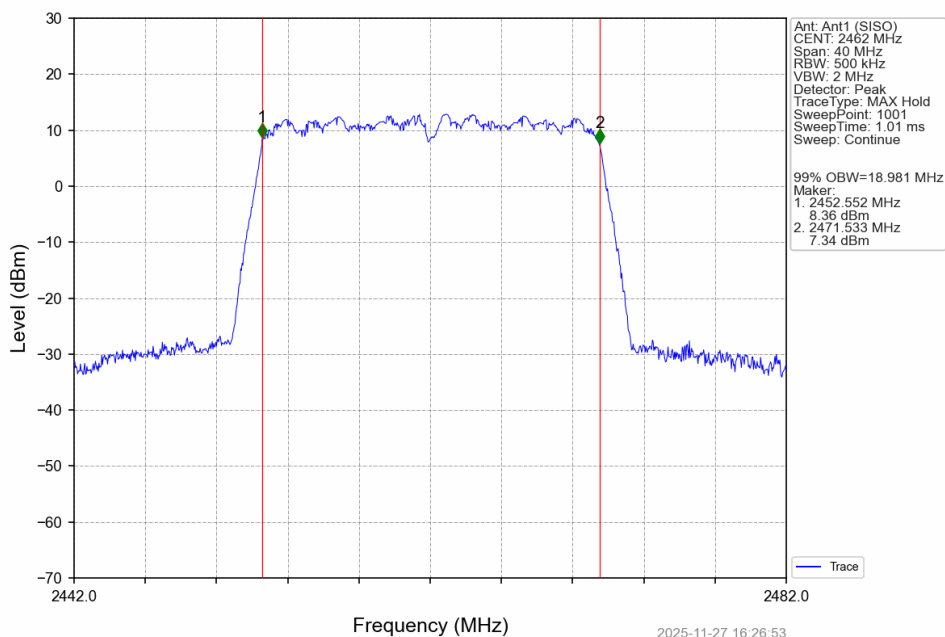
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW20)_HCH_2462MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (SISO)_NTNV

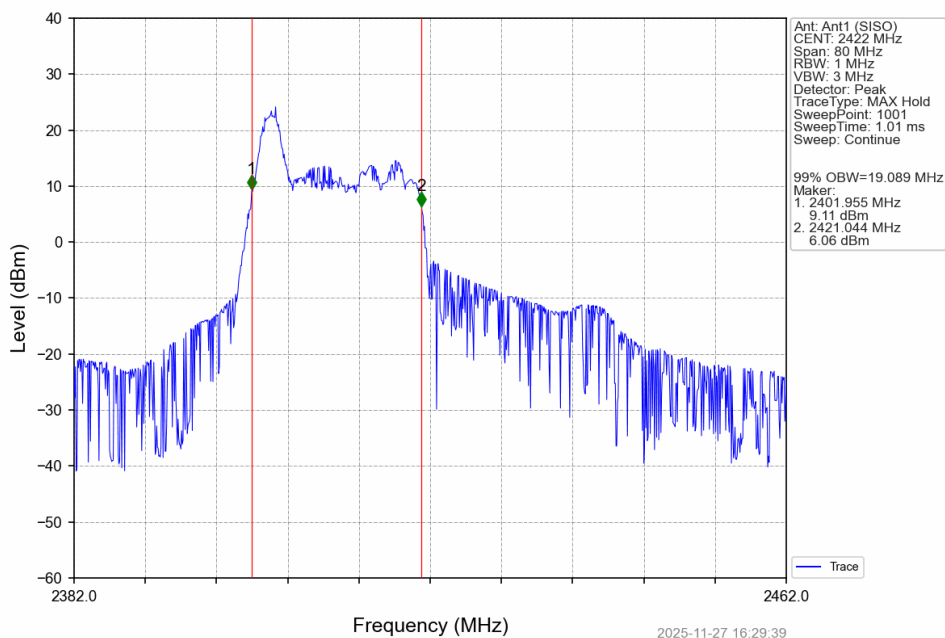




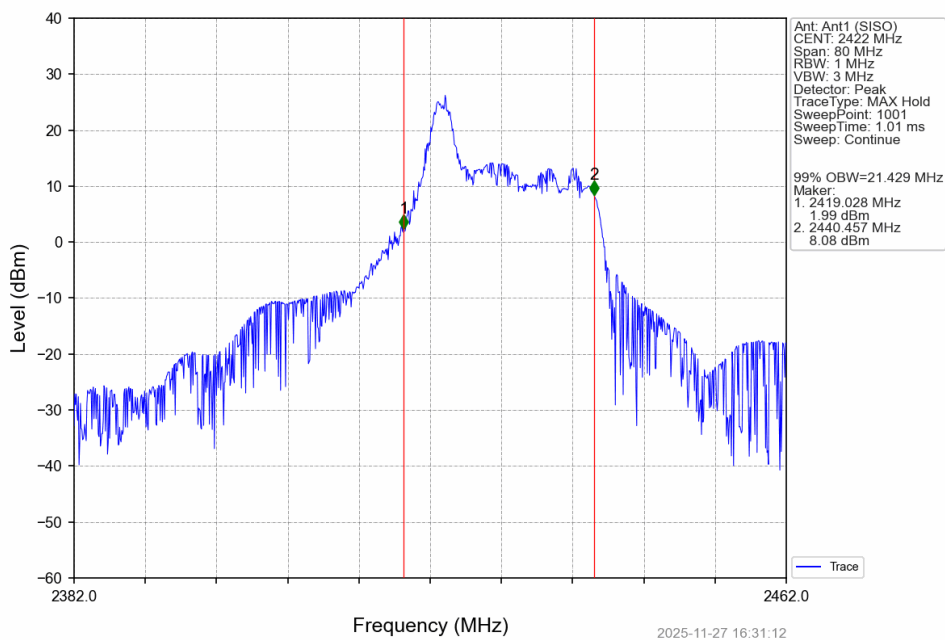
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_LCH_2422MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU26_Mid_Ant1 (SISO)_NTNV

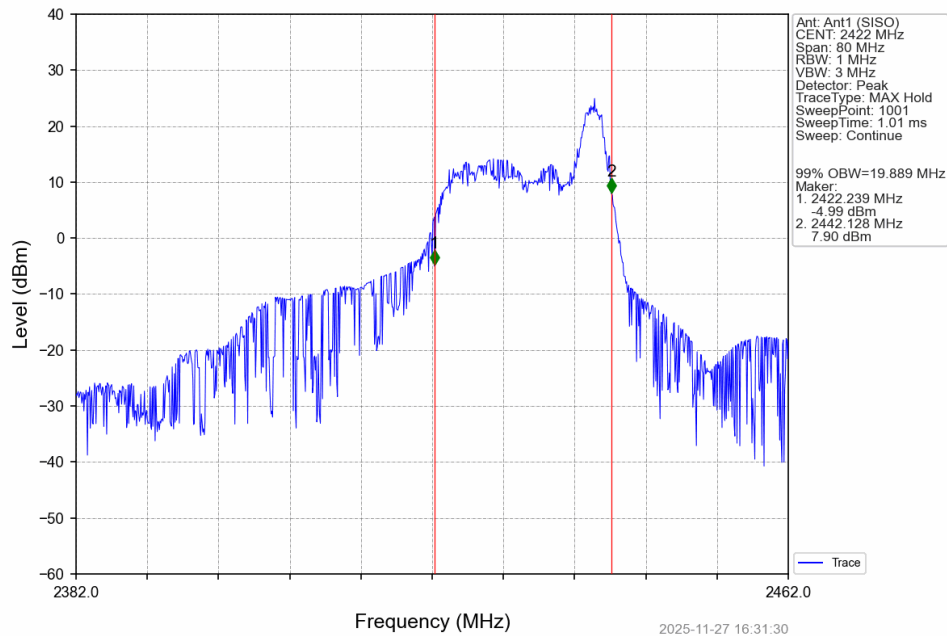




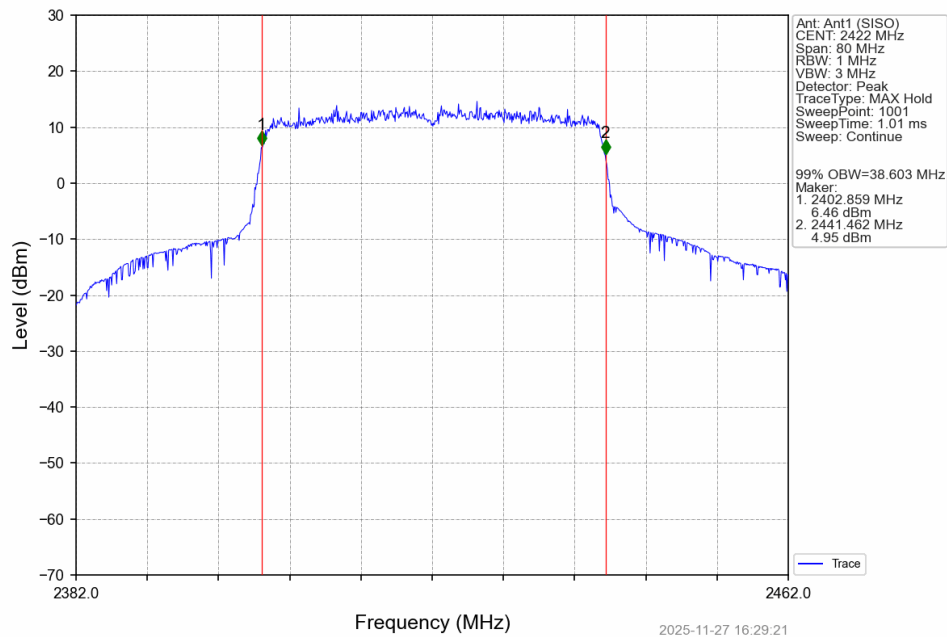
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_LCH_2422MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (SISO)_NTNV

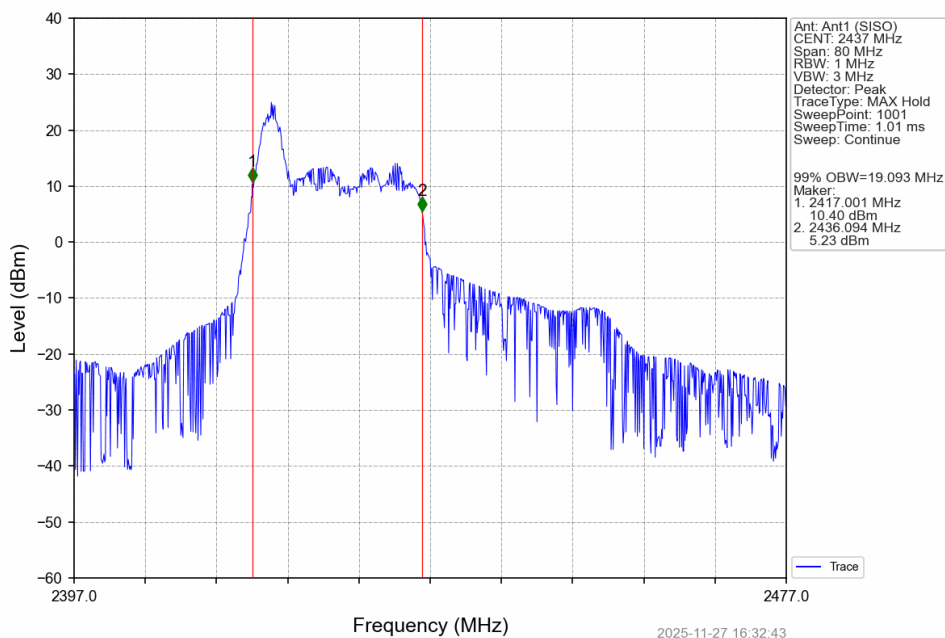




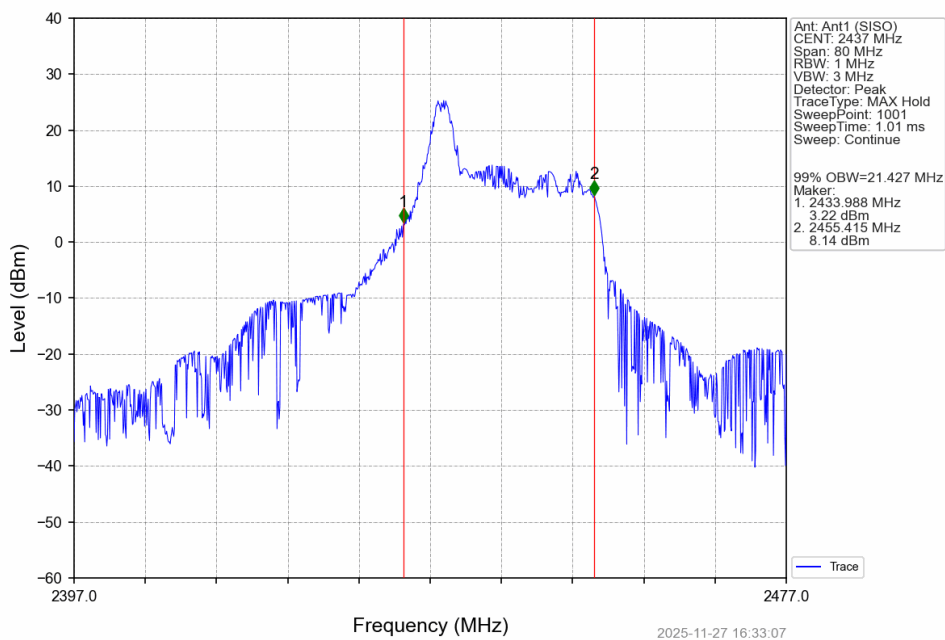
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_MCH_2437MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU26_Mid_Ant1 (SISO)_NTNV

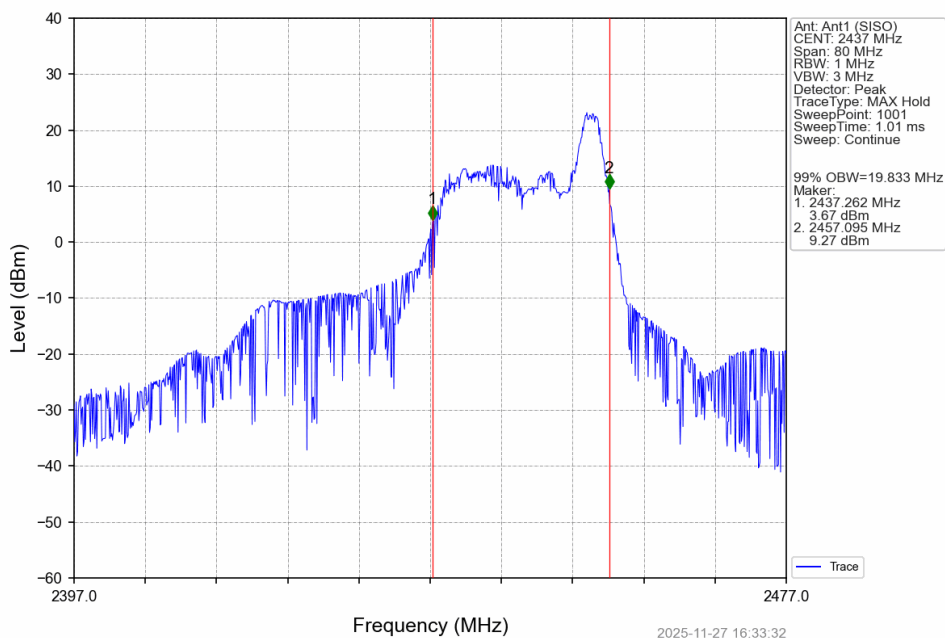




BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

802.11ax(HEW40)_MCH_2437MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (SISO)_NTNV

