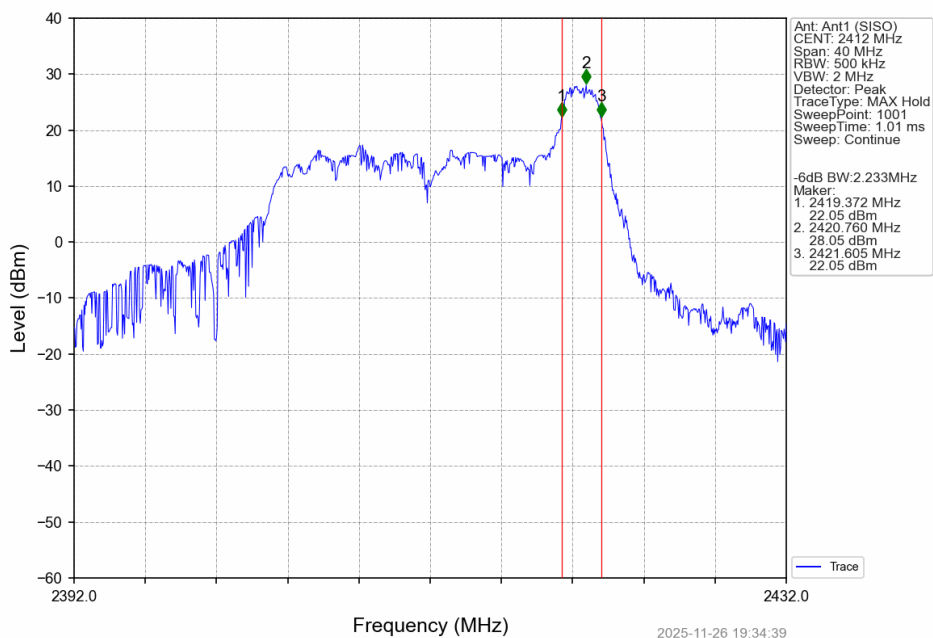




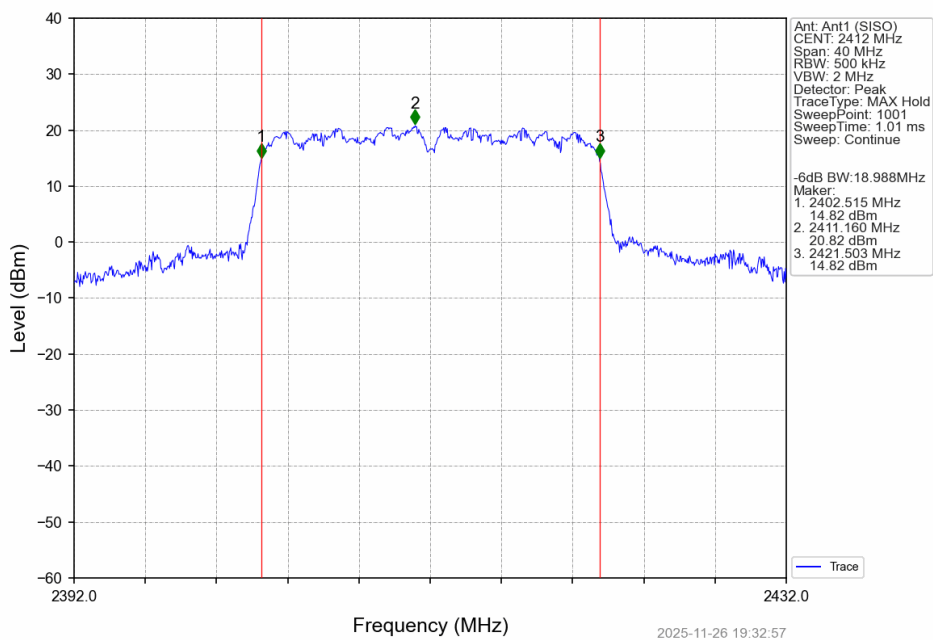
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_LCH_2412MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (SISO)_NTNV

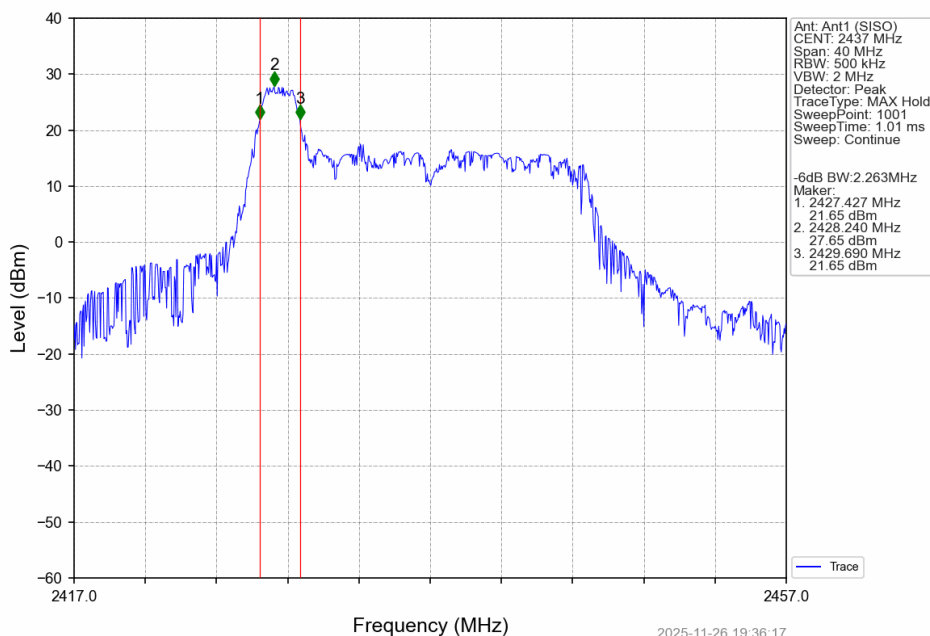




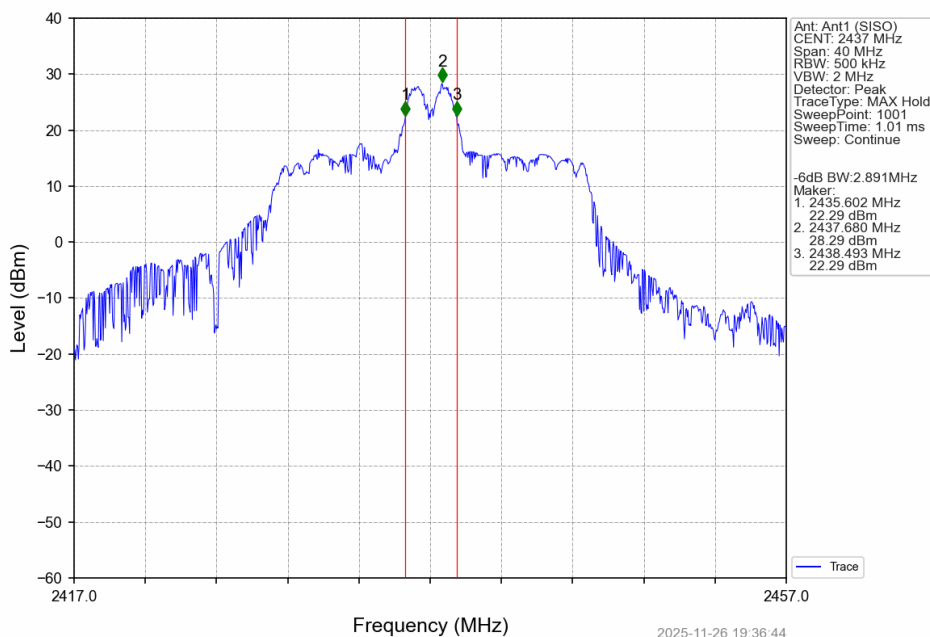
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_MCH_2437MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU26_Mid_Ant1 (SISO)_NTNV

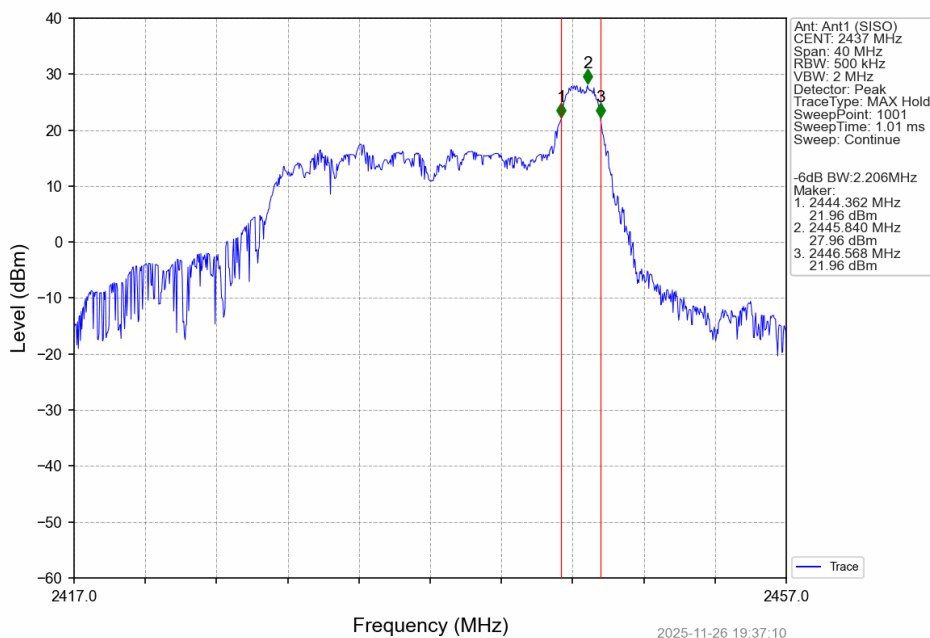




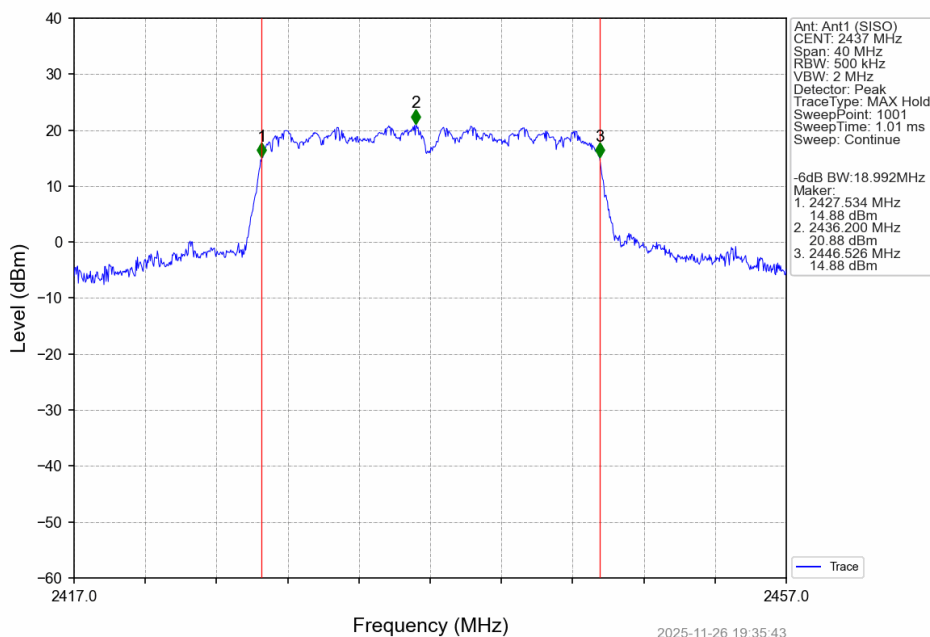
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_MCH_2437MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (SISO)_NTNV

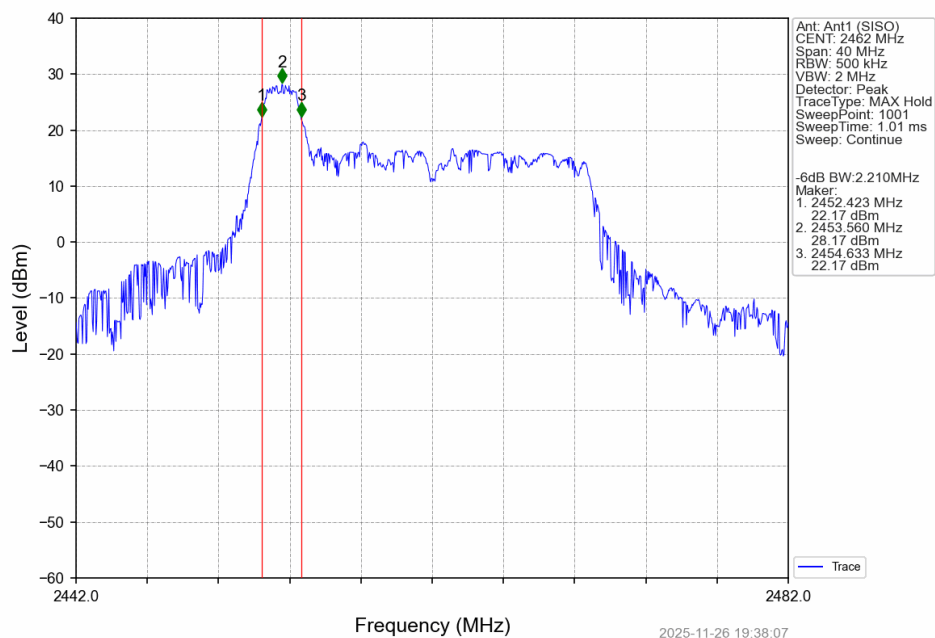




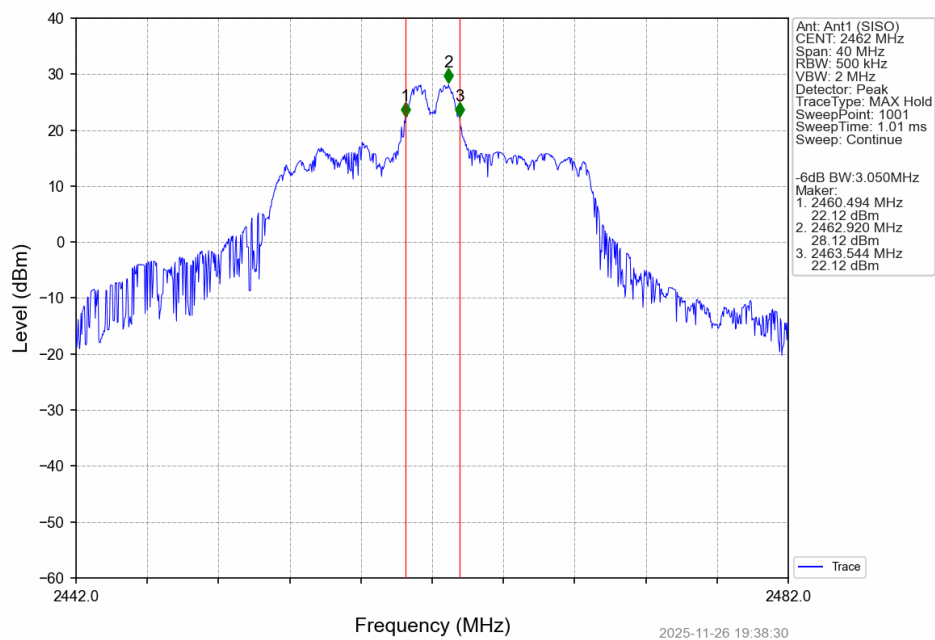
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_HCH_2462MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU26_Mid_Ant1 (SISO)_NTNV

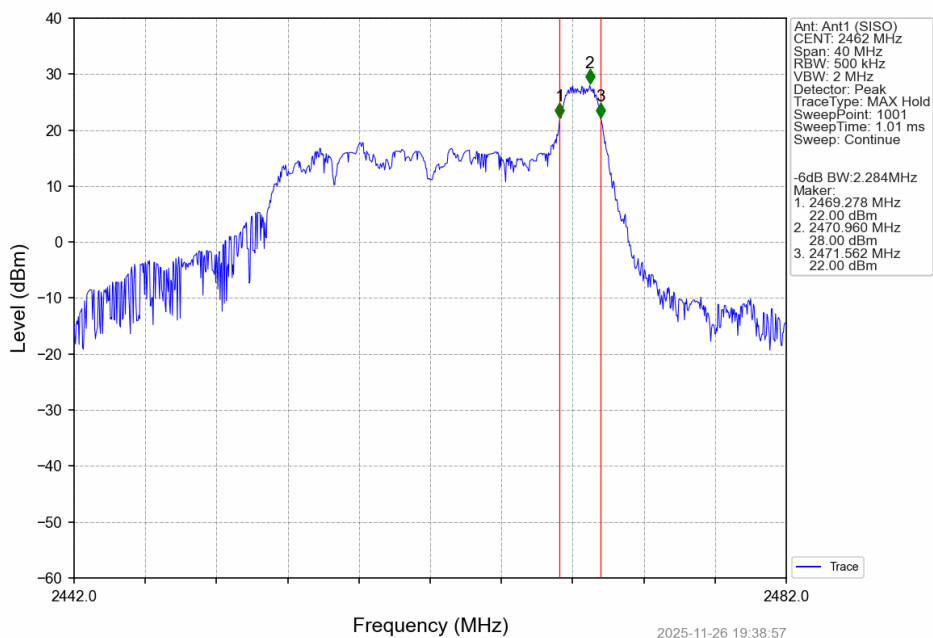




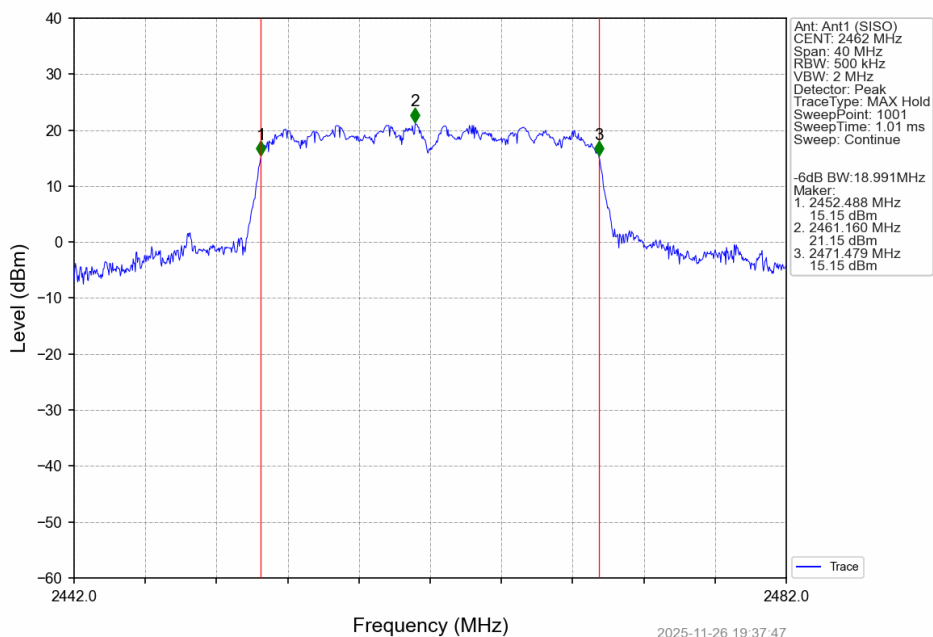
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_HCH_2462MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (SISO)_NTNV

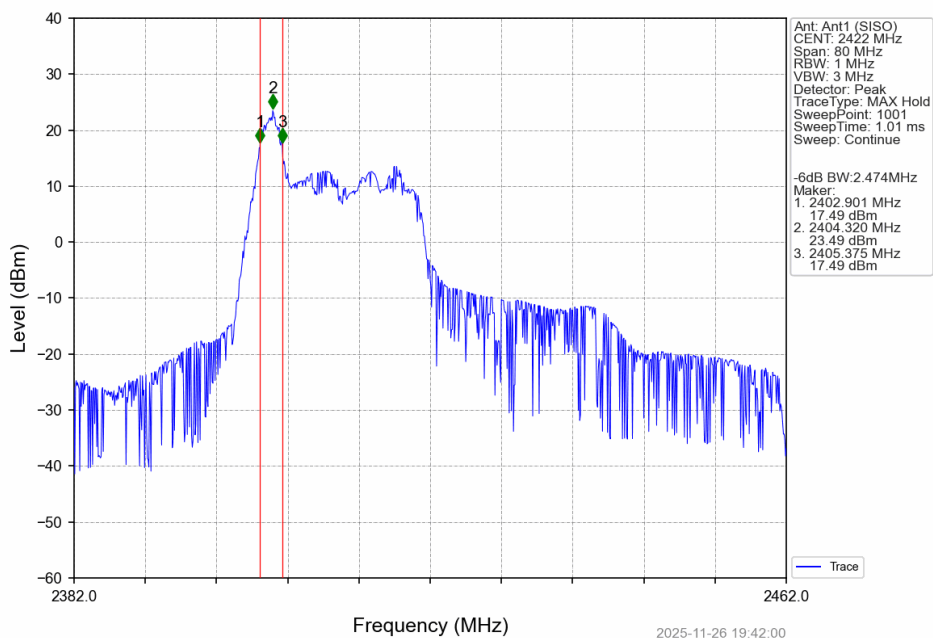




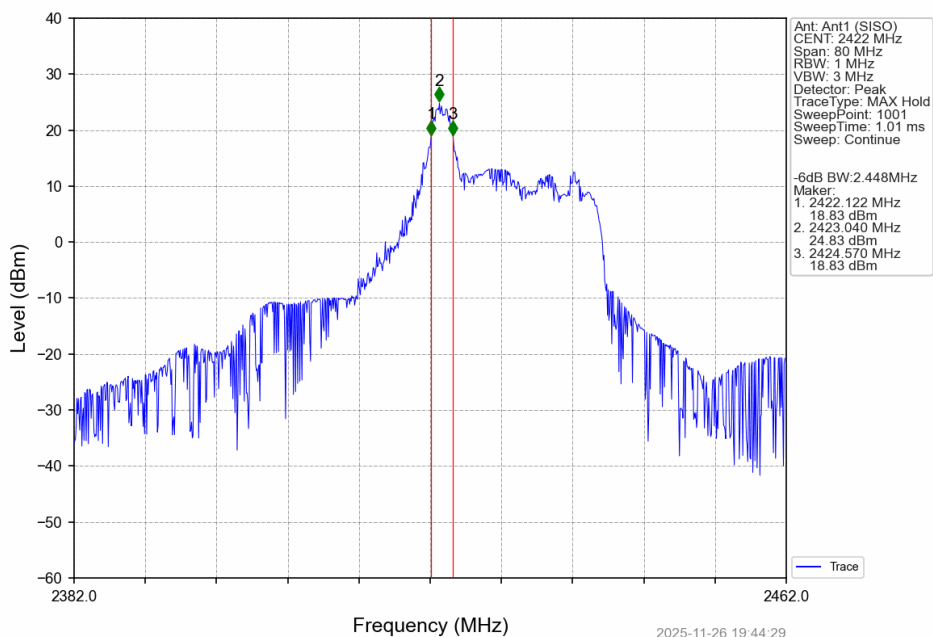
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_LCH_2422MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU26_Mid_Ant1 (SISO)_NTNV

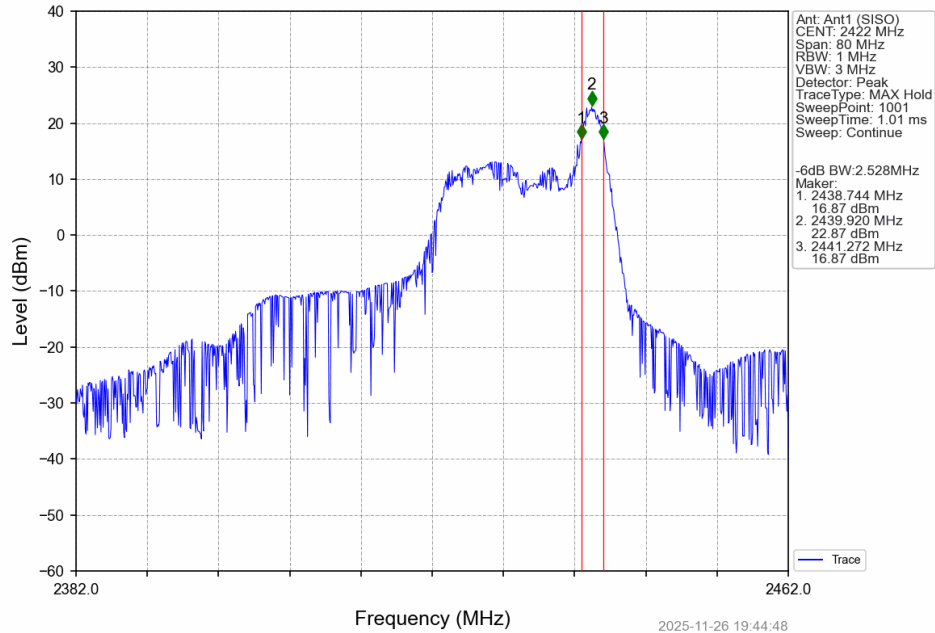




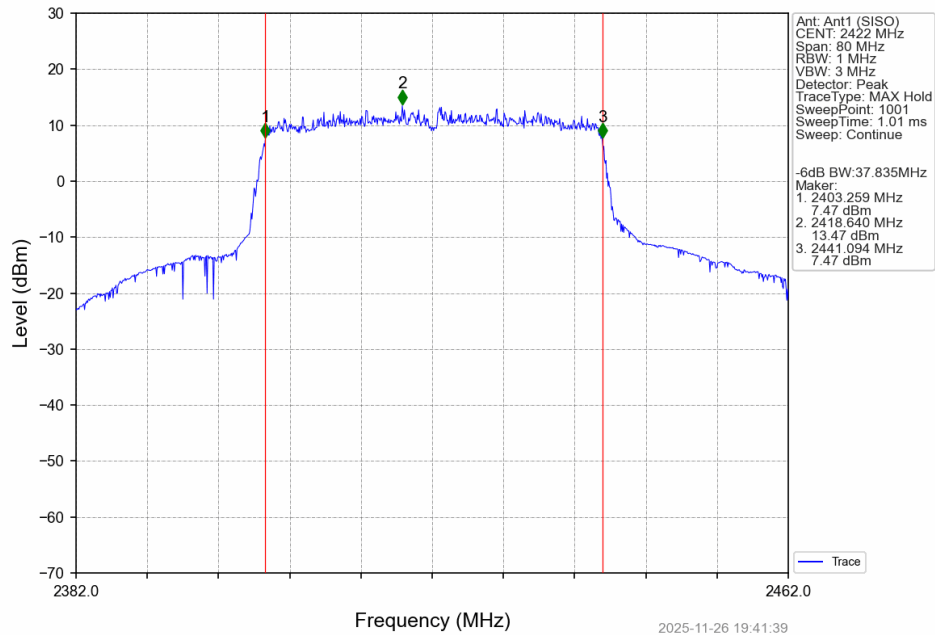
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_LCH_2422MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (SISO)_NTNV

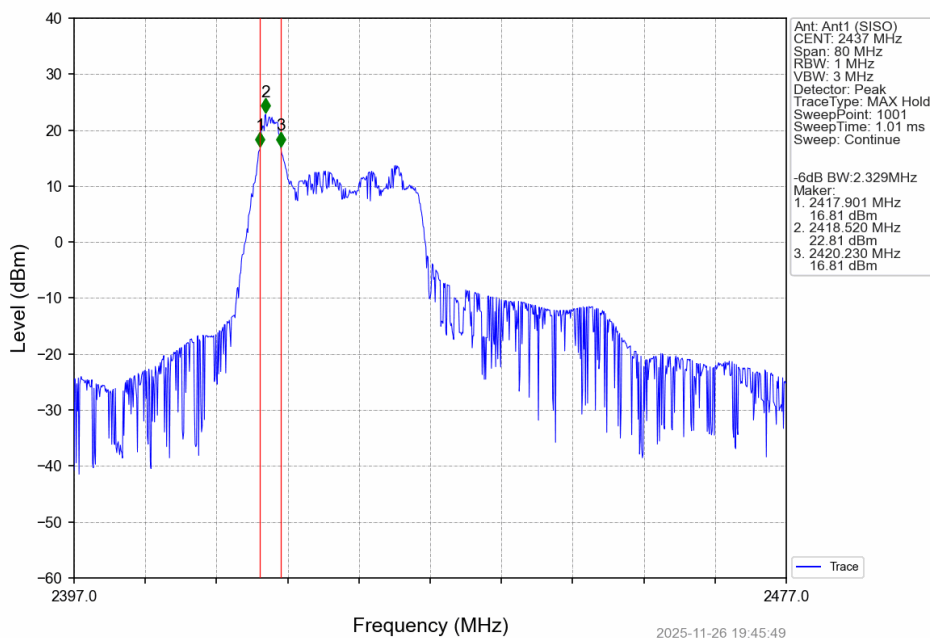




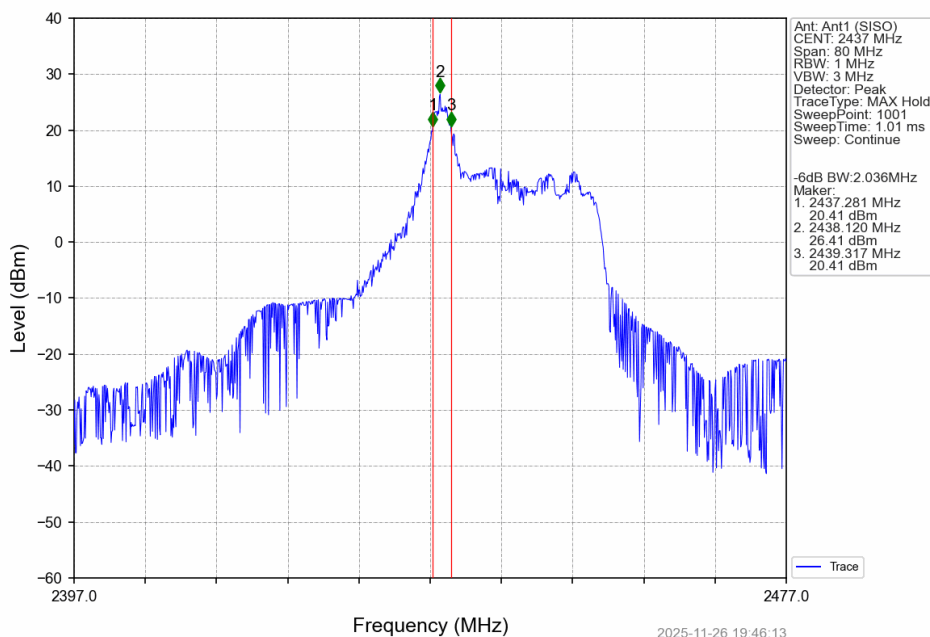
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_MCH_2437MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU26_Mid_Ant1 (SISO)_NTNV

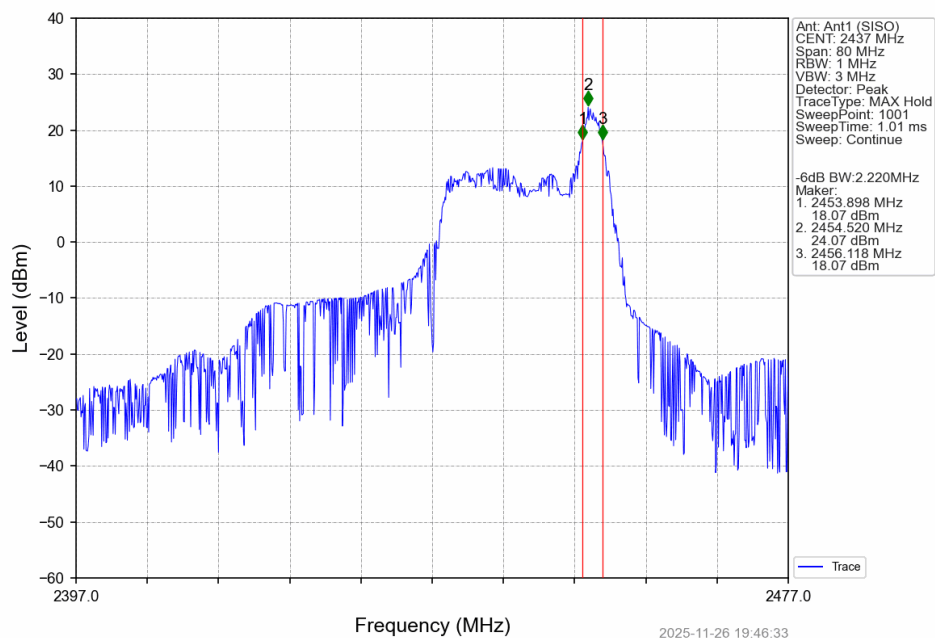




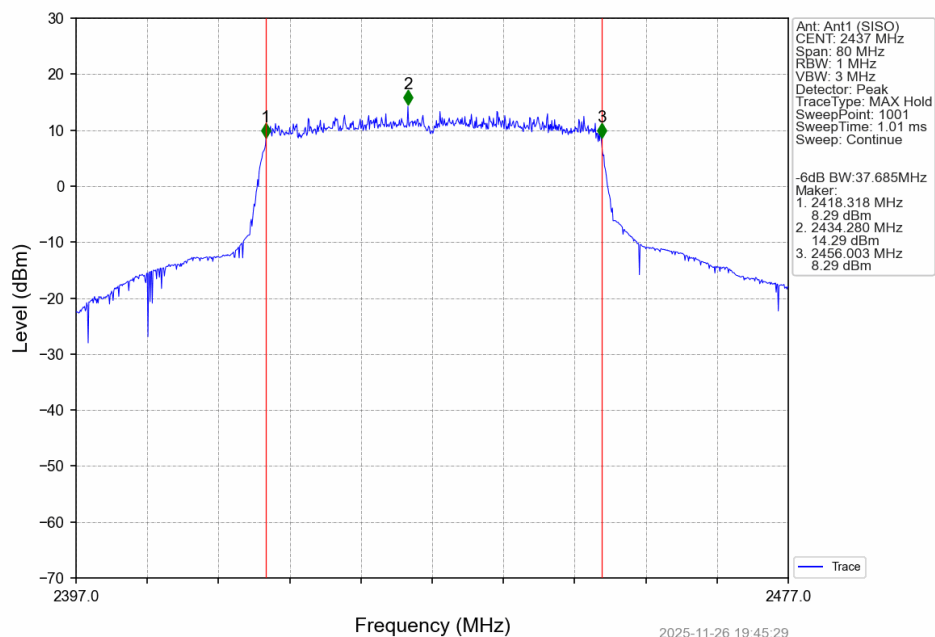
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_MCH_2437MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (SISO)_NTNV

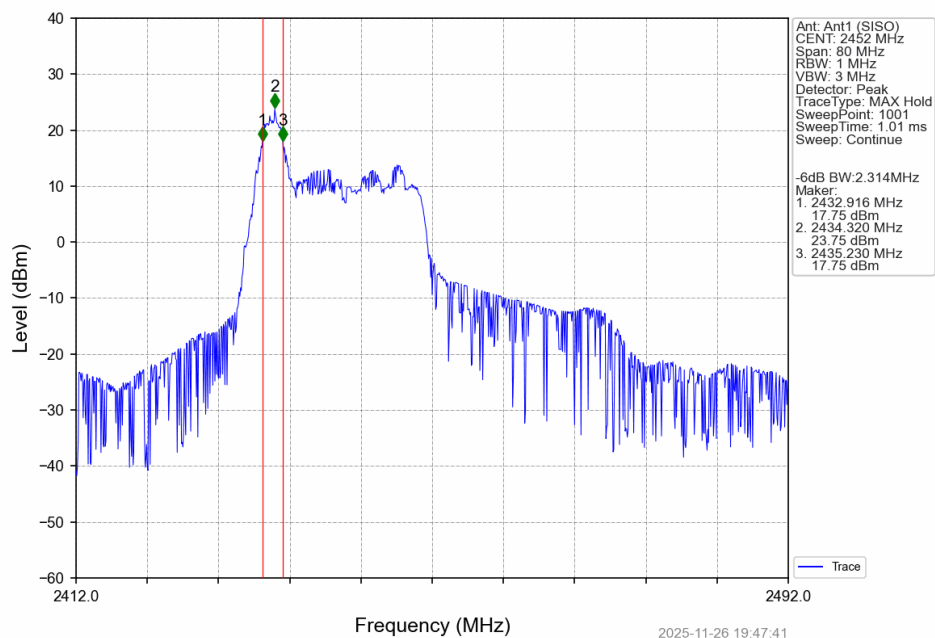




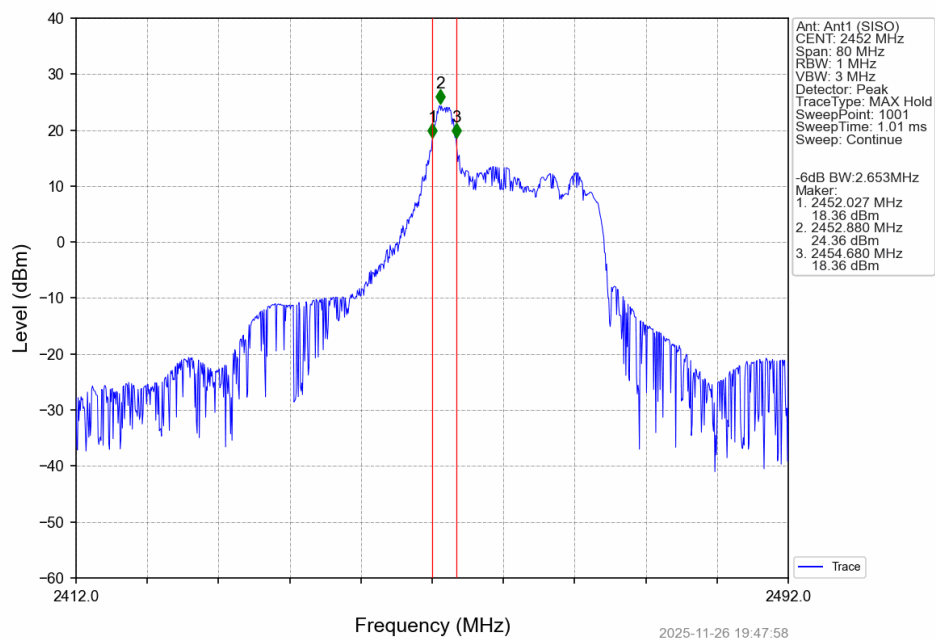
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_HCH_2452MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU26_Mid_Ant1 (SISO)_NTNV

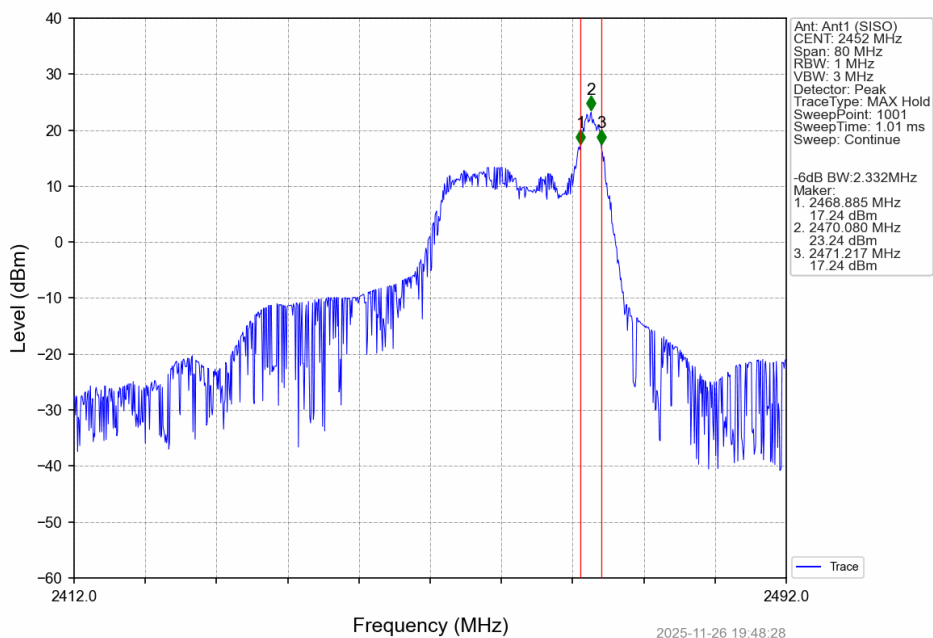




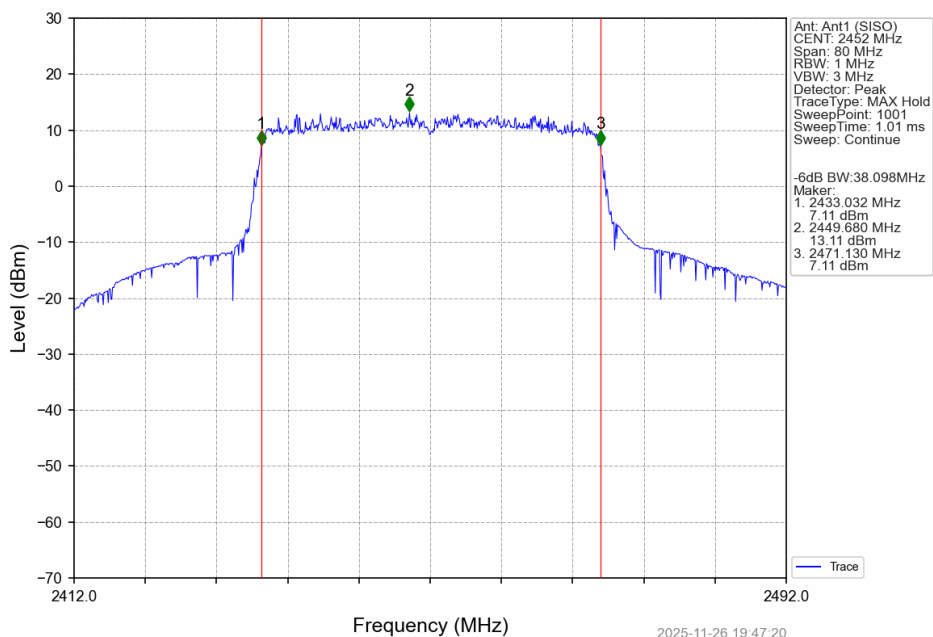
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

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	13.341	/	Pass
		2437	/	/	1	13.418	/	Pass
		2462	/	/	1	13.562	/	Pass
802.11g	SISO	2412	/	/	1	19.839	/	Pass
		2437	/	/	1	20.062	/	Pass
		2462	/	/	1	20.472	/	Pass
802.11n (HT20)	SISO	2412	/	/	1	20.136	/	Pass
		2437	/	/	1	20.510	/	Pass
		2462	/	/	1	21.263	/	Pass
802.11n (HT40)	SISO	2422	/	/	1	38.231	/	Pass
		2437	/	/	1	37.978	/	Pass
		2452	/	/	1	37.698	/	Pass
802.11ax (HEW20)	SISO	2412	RU26	Left	1	18.811	/	Pass
				Mid	1	17.300	/	Pass
				Right	1	18.746	/	Pass
		2437	RU26	Left	1	19.539	/	Pass
				Left	1	18.787	/	Pass
				Mid	1	17.336	/	Pass
				Right	1	18.796	/	Pass
			RU242	Left	1	19.588	/	Pass
				Left	1	18.760	/	Pass
				Mid	1	17.373	/	Pass
				Right	1	18.837	/	Pass
		2462	RU26	Left	1	19.716	/	Pass
				Left	1	19.122	/	Pass
				Mid	1	21.545	/	Pass
802.11ax (HEW40)	SISO	2422	RU26	Right	1	19.620	/	Pass
				Left	1	38.363	/	Pass
				Left	1	19.150	/	Pass
		2437	RU26	Left	1	19.150	/	Pass
				Left	1	19.150	/	Pass



Test Report No.: PSU-NQN2510130209RF01

				Mid	1	21.385	/	Pass
				Right	1	19.572	/	Pass
			RU484	Left	1	38.455	/	Pass
		2452	RU26	Left	1	19.040	/	Pass
				Mid	1	21.241	/	Pass
				Right	1	19.798	/	Pass
			RU484	Left	1	38.369	/	Pass

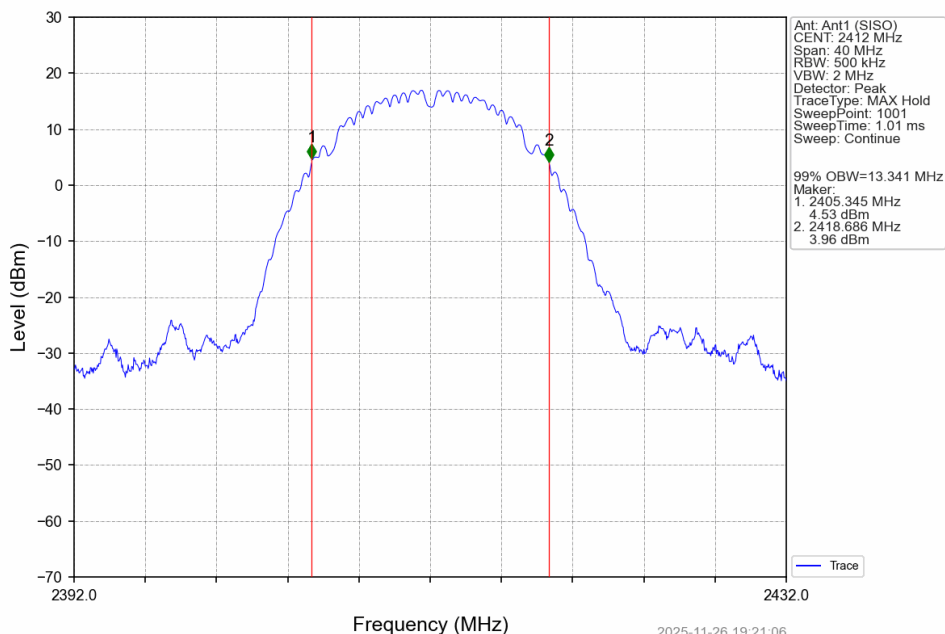


BUREAU
VERITAS

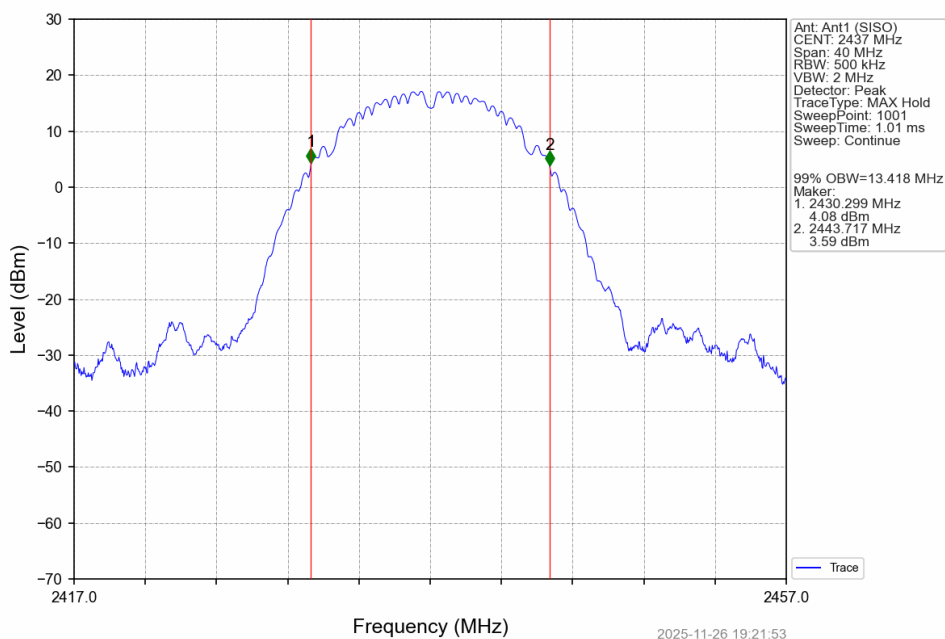
Test Report No.: PSU-NQN2510130209RF01

TEST GRAPHS

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

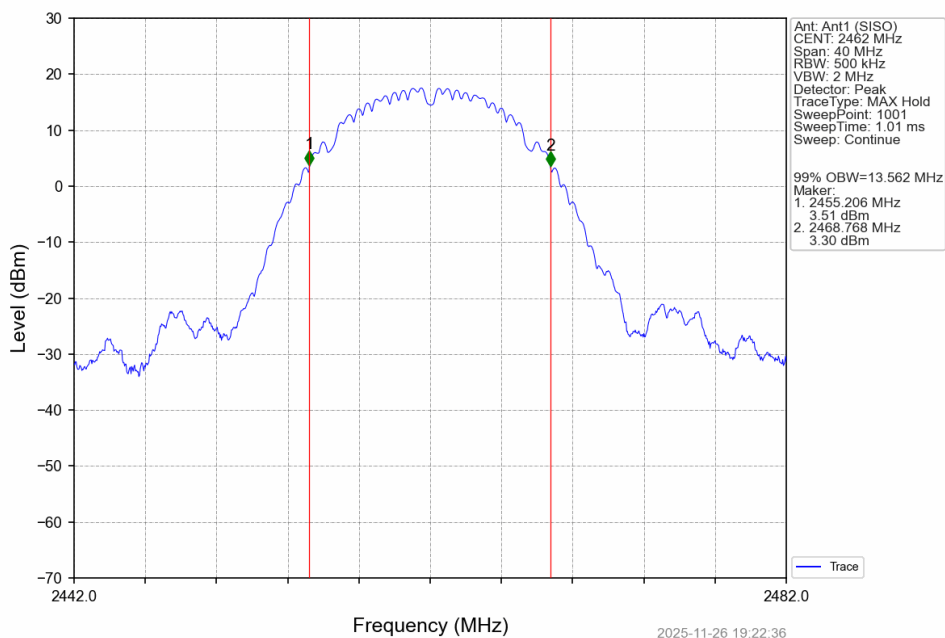




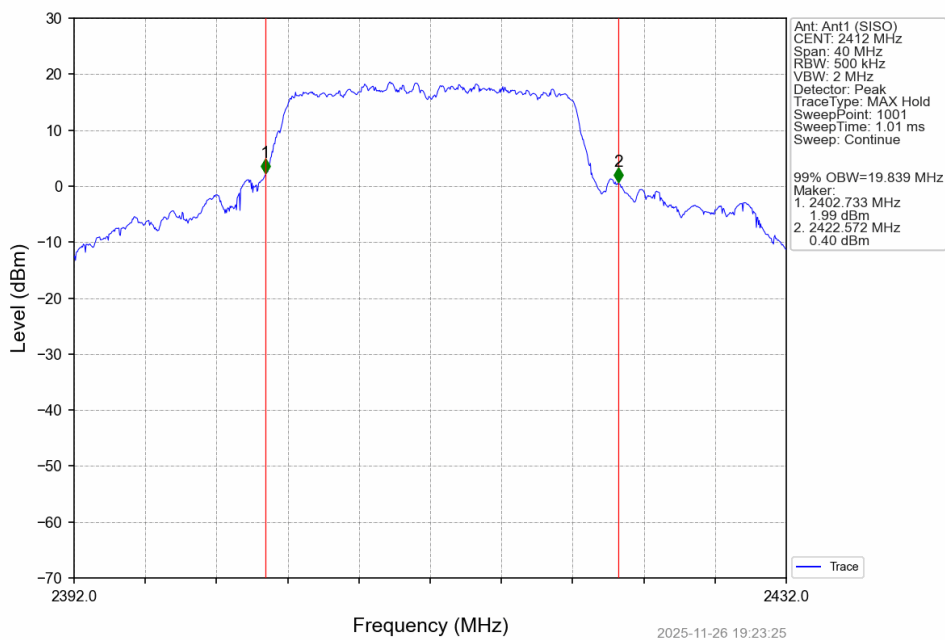
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

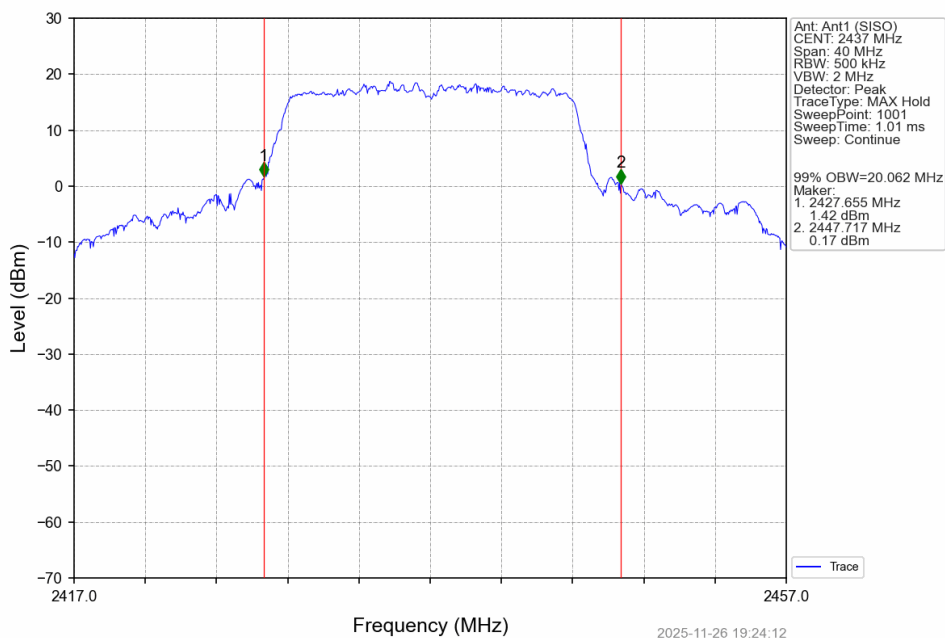




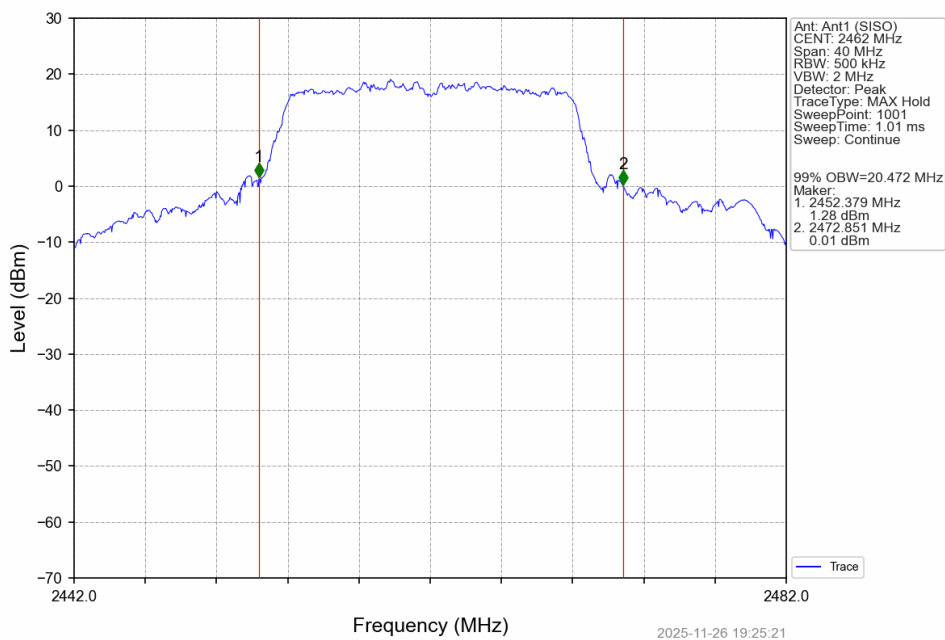
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

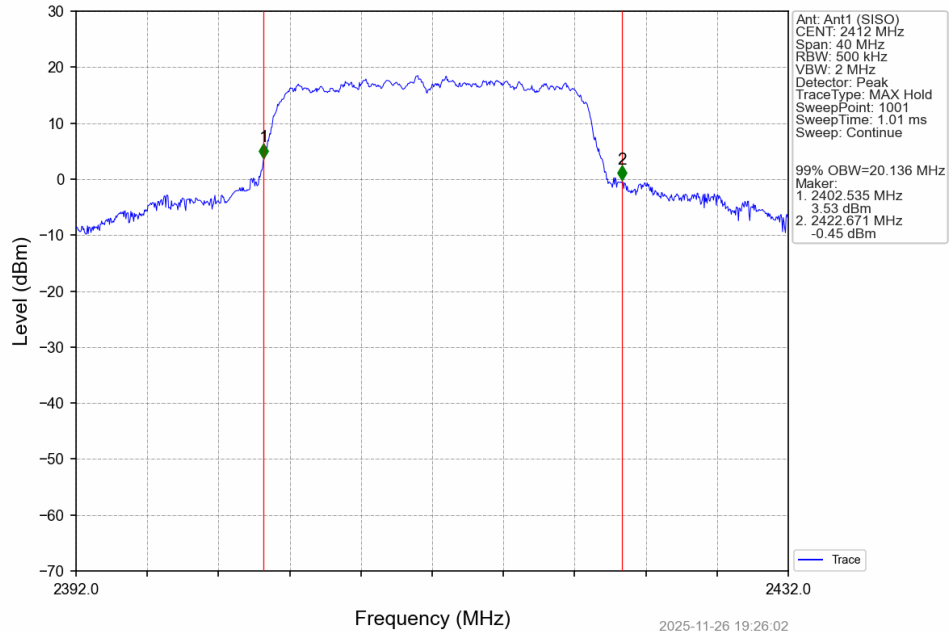


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

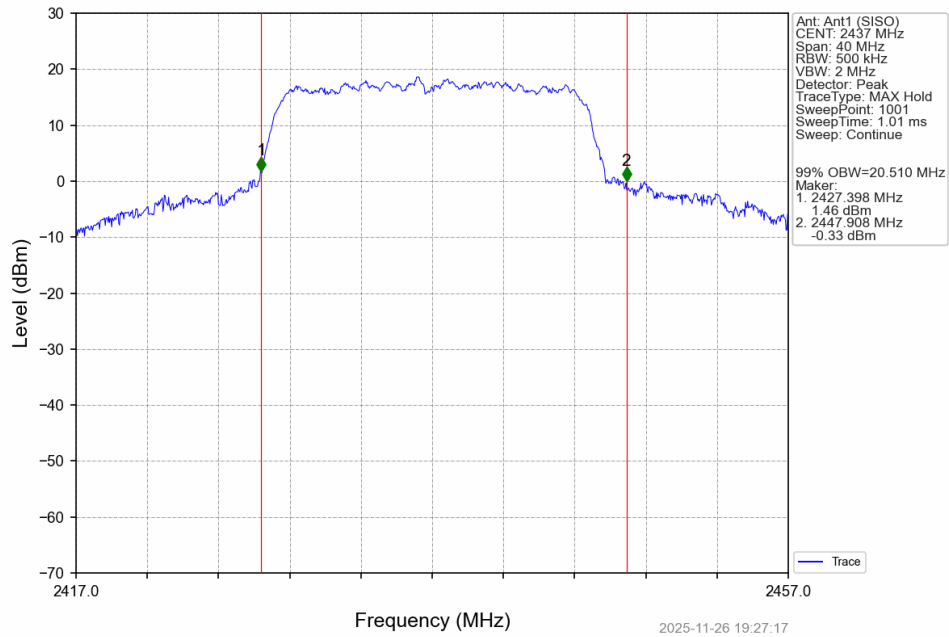




802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

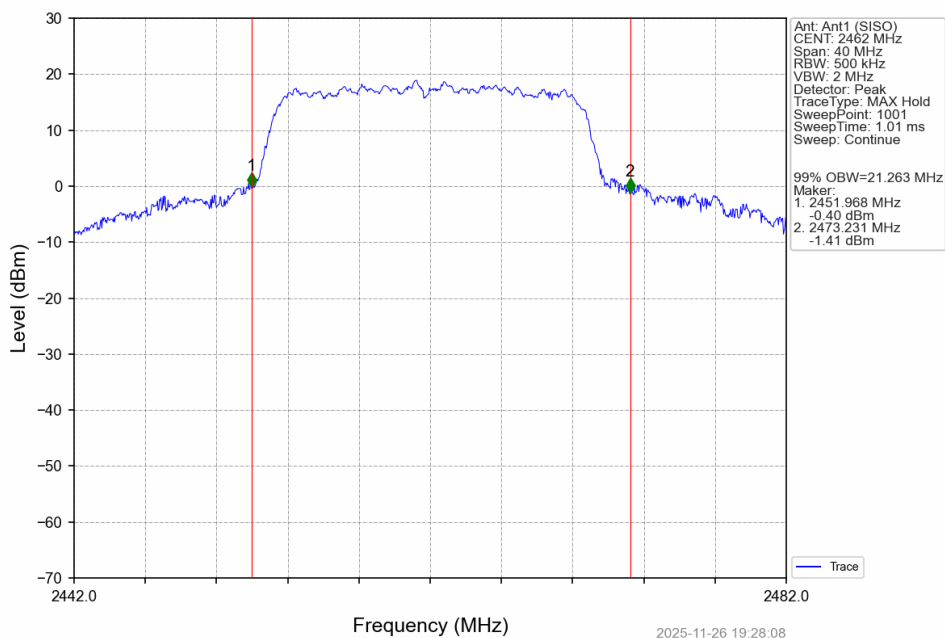




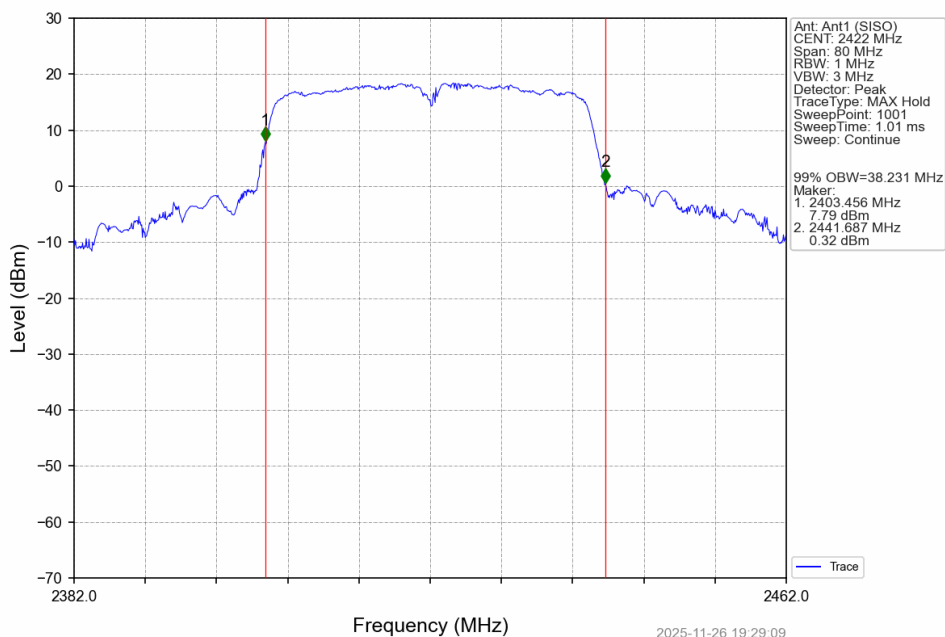
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

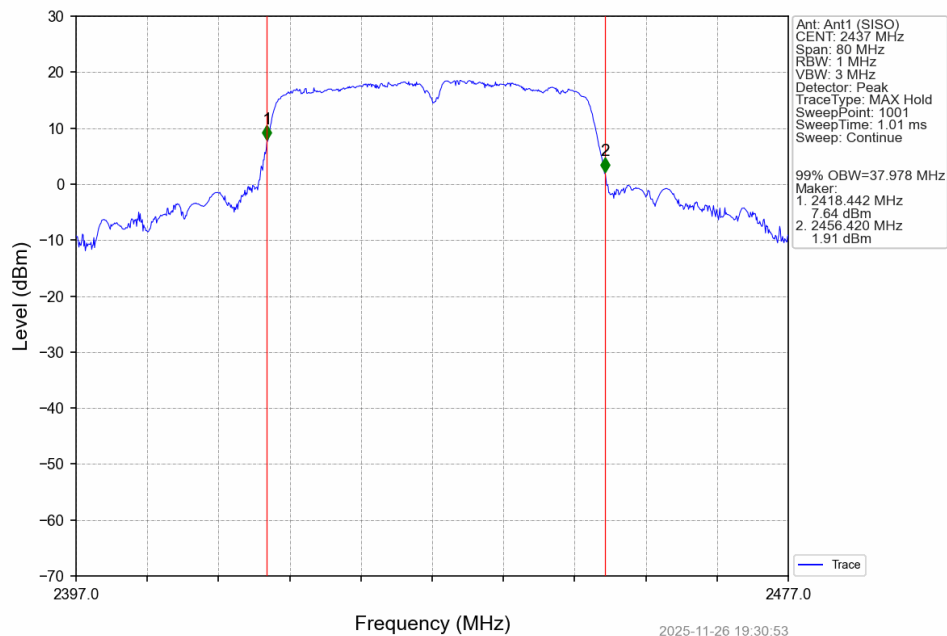


802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

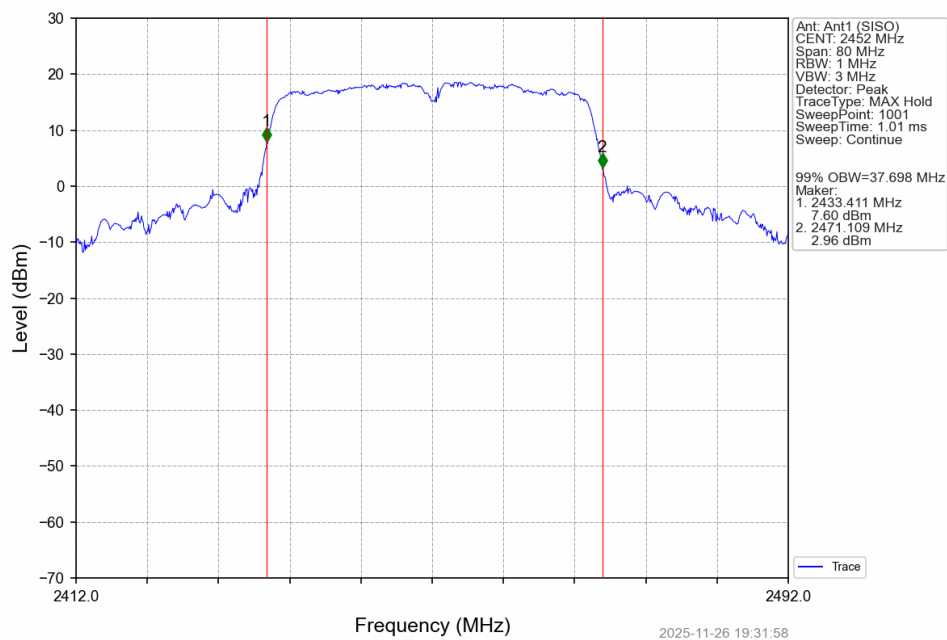




802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

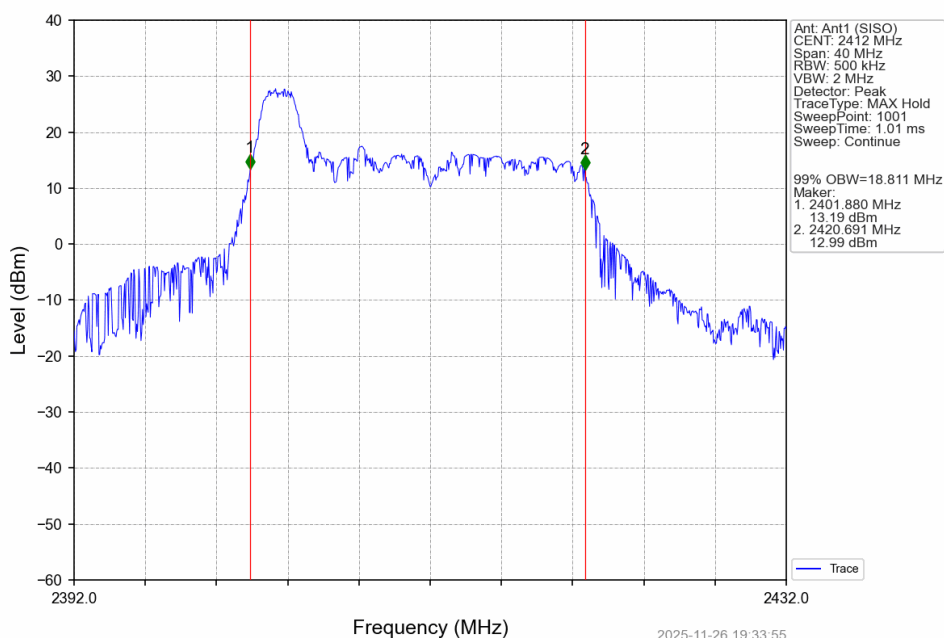




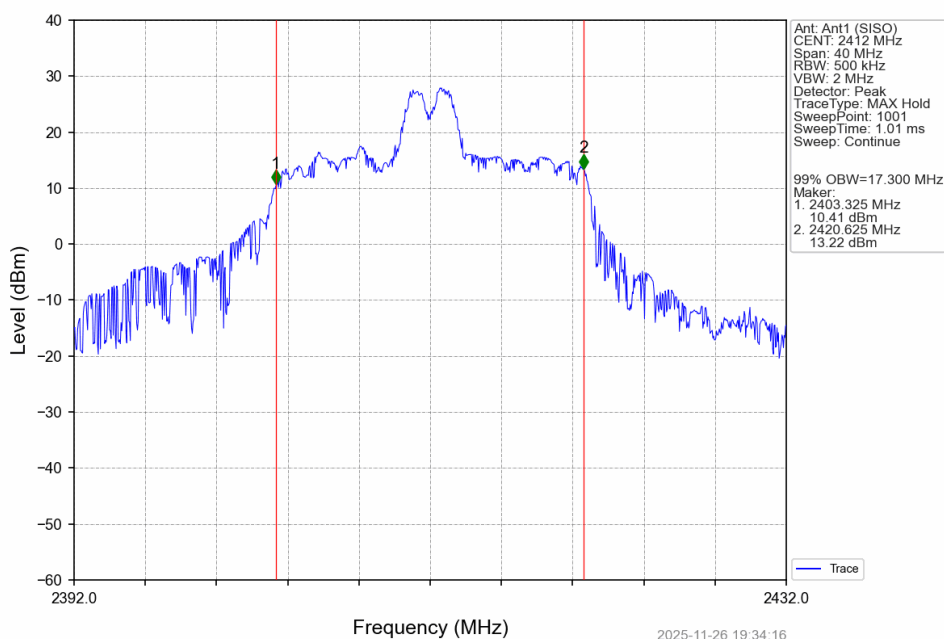
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_LCH_2412MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU26_Mid_Ant1 (SISO)_NTNV

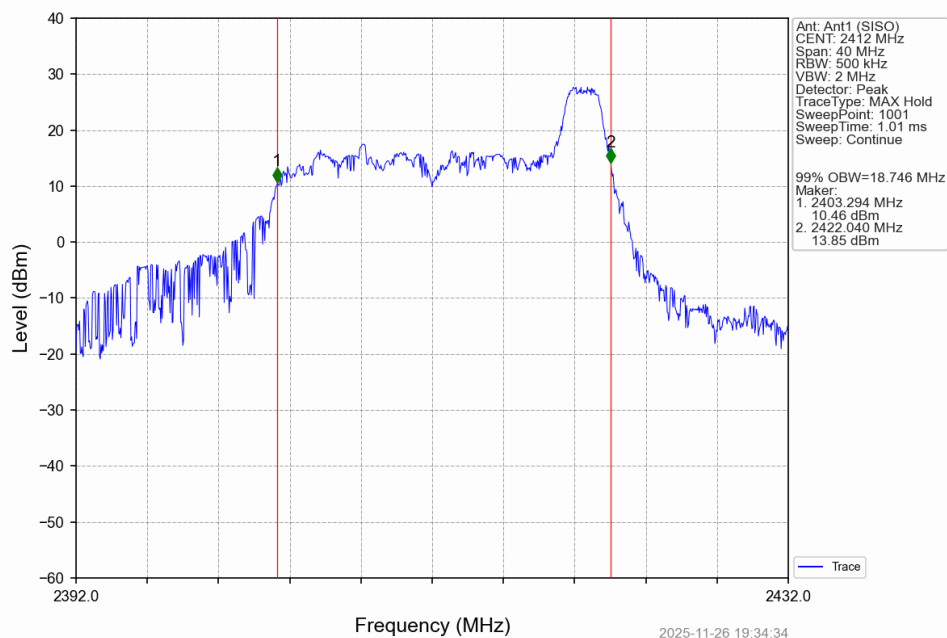




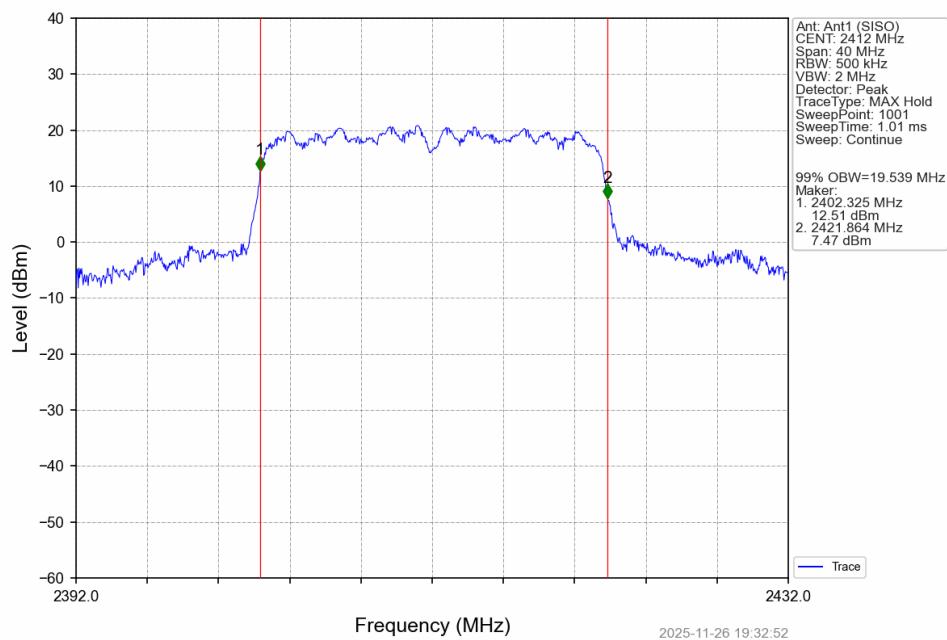
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_LCH_2412MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (SISO)_NTNV

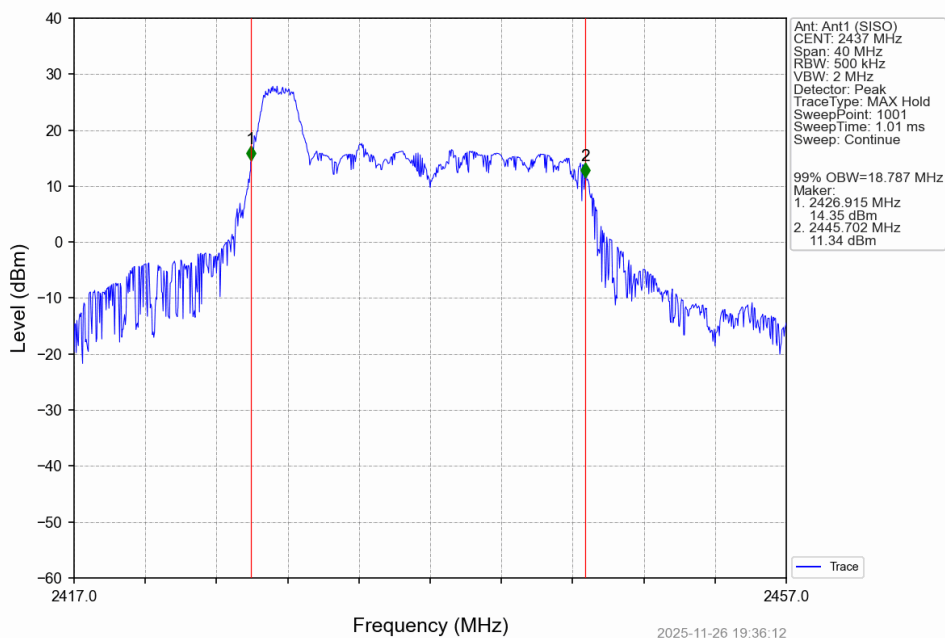




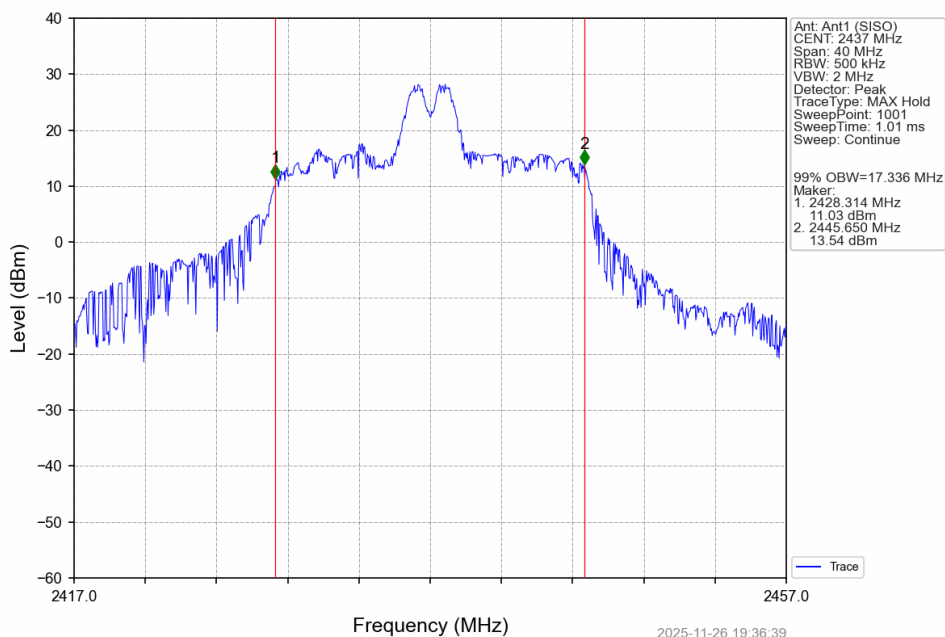
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_MCH_2437MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU26_Mid_Ant1 (SISO)_NTNV

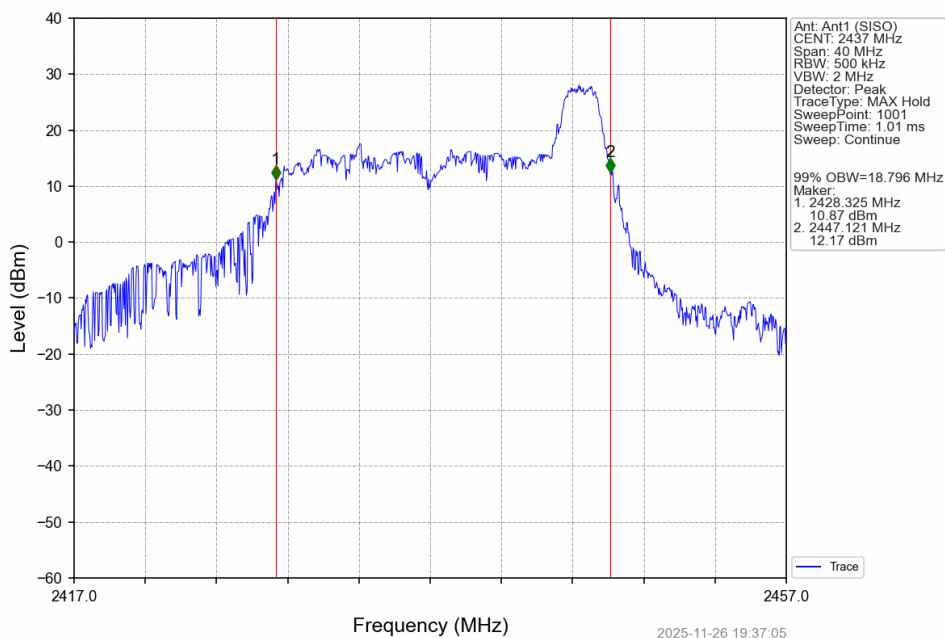




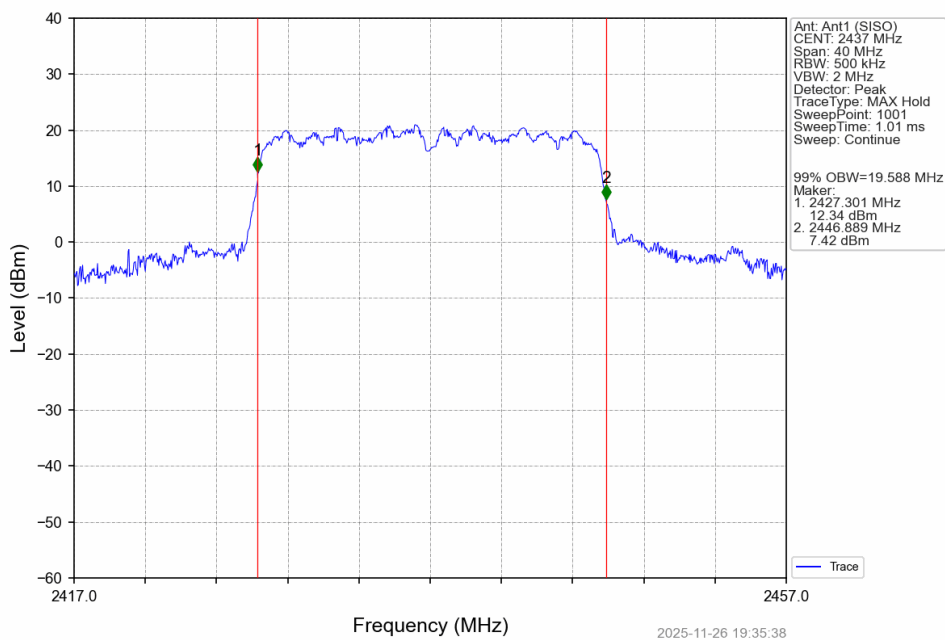
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_MCH_2437MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (SISO)_NTNV

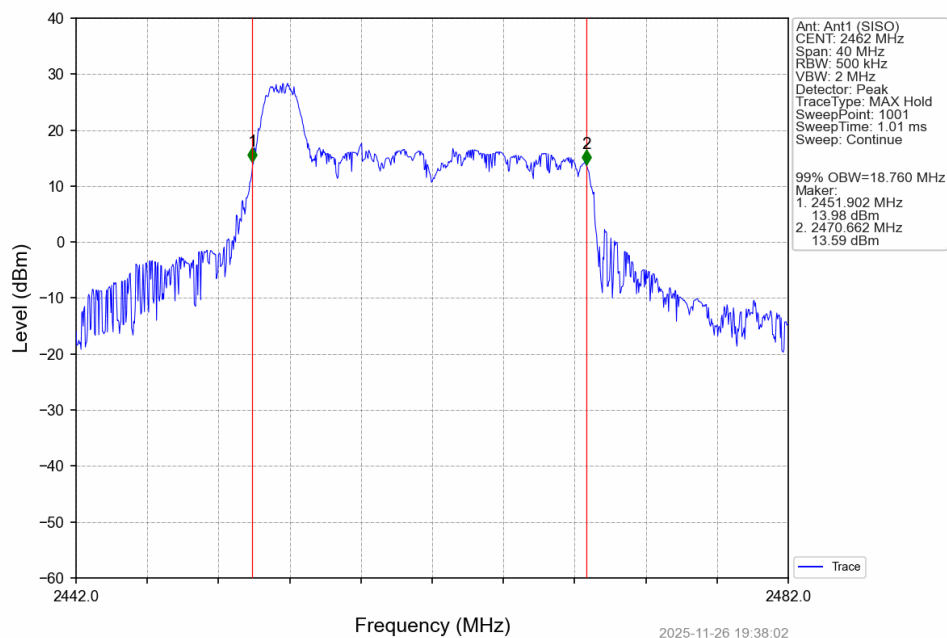




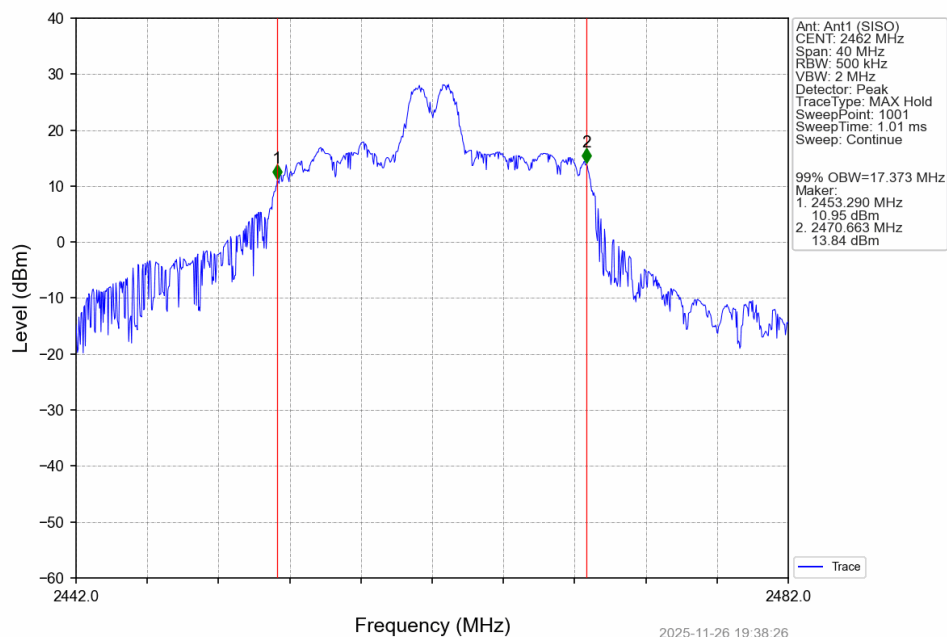
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_HCH_2462MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU26_Mid_Ant1 (SISO)_NTNV

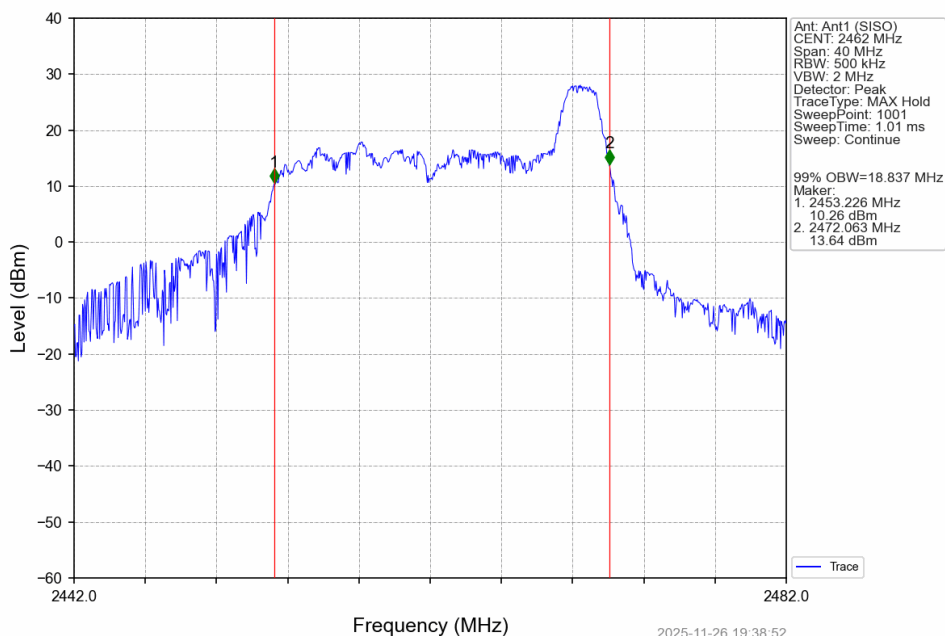




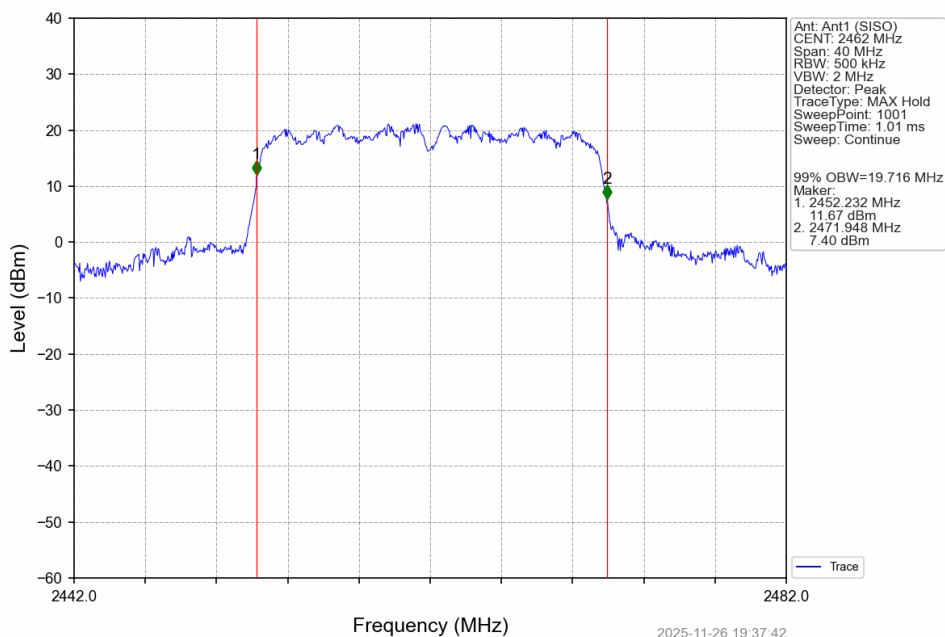
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW20)_HCH_2462MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (SISO)_NTNV

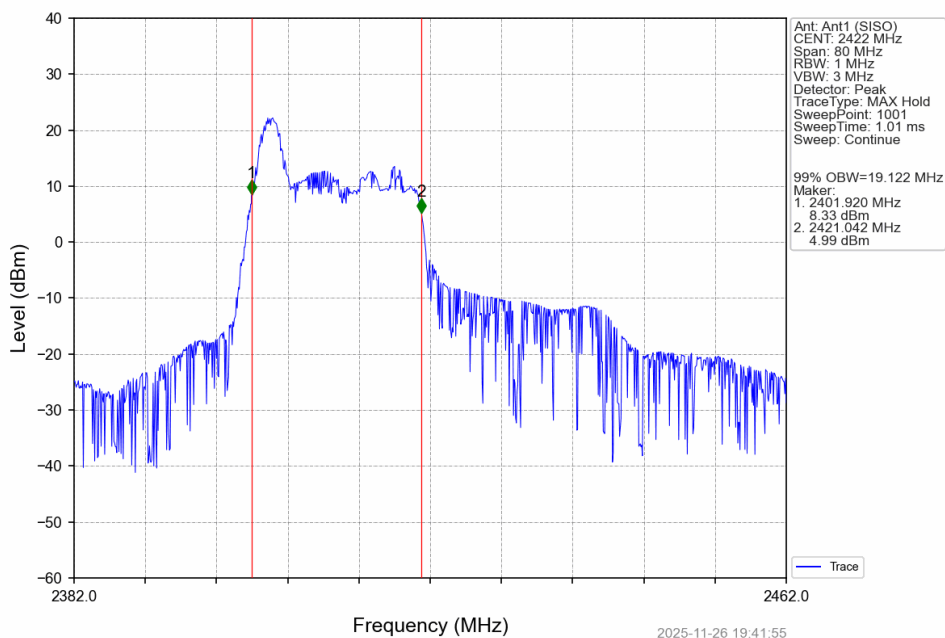




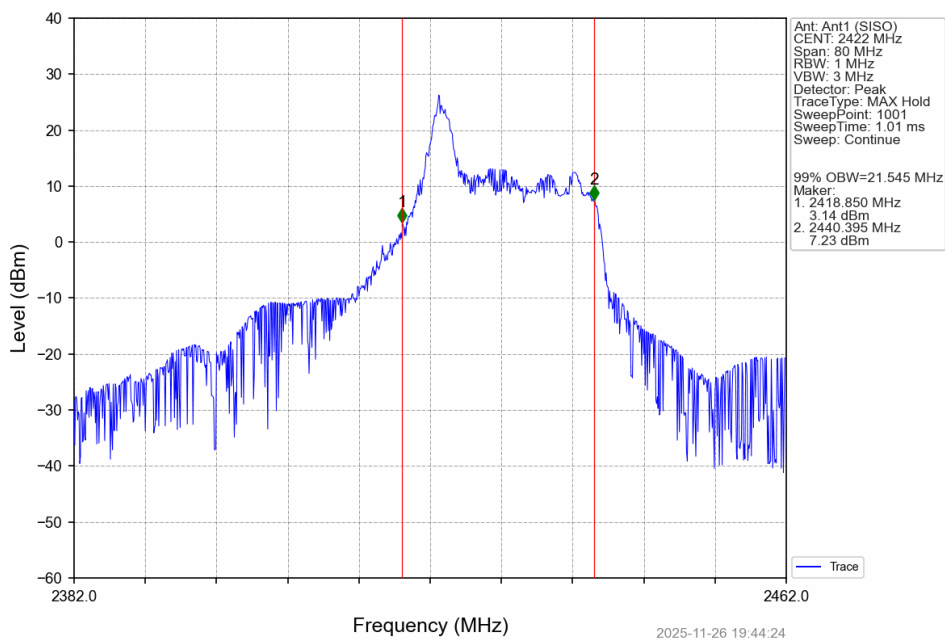
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_LCH_2422MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU26_Mid_Ant1 (SISO)_NTNV

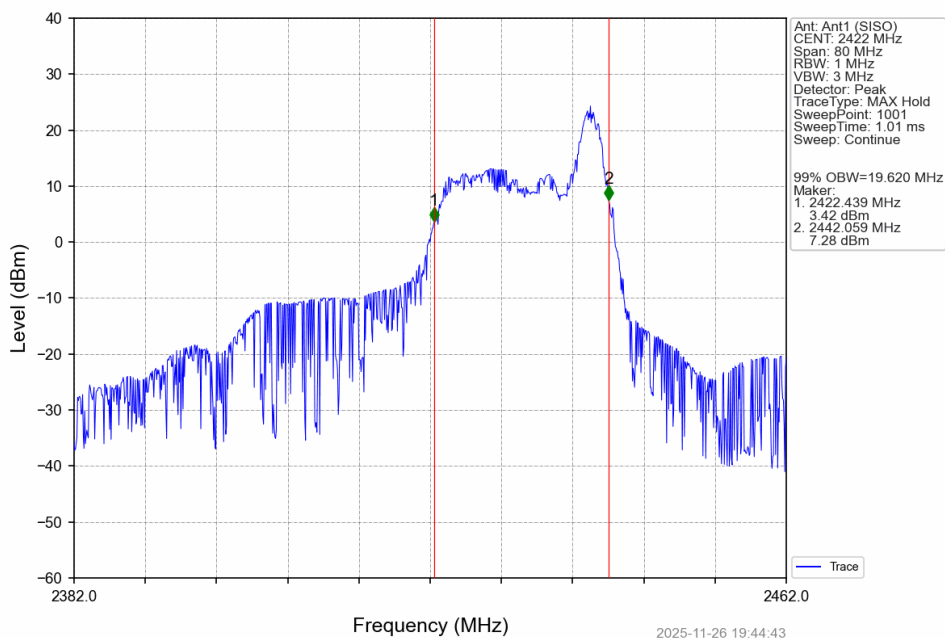




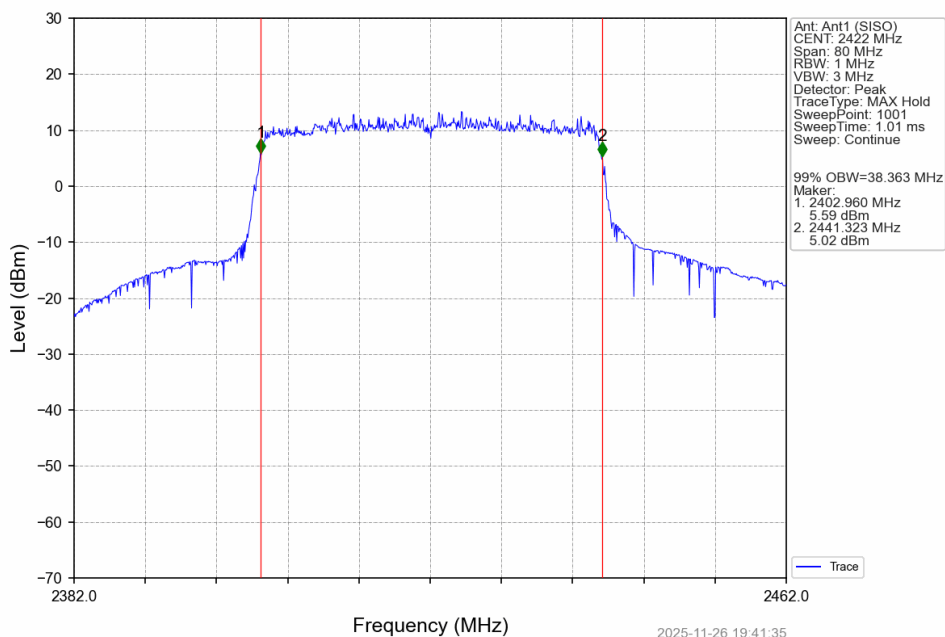
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_LCH_2422MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (SISO)_NTNV

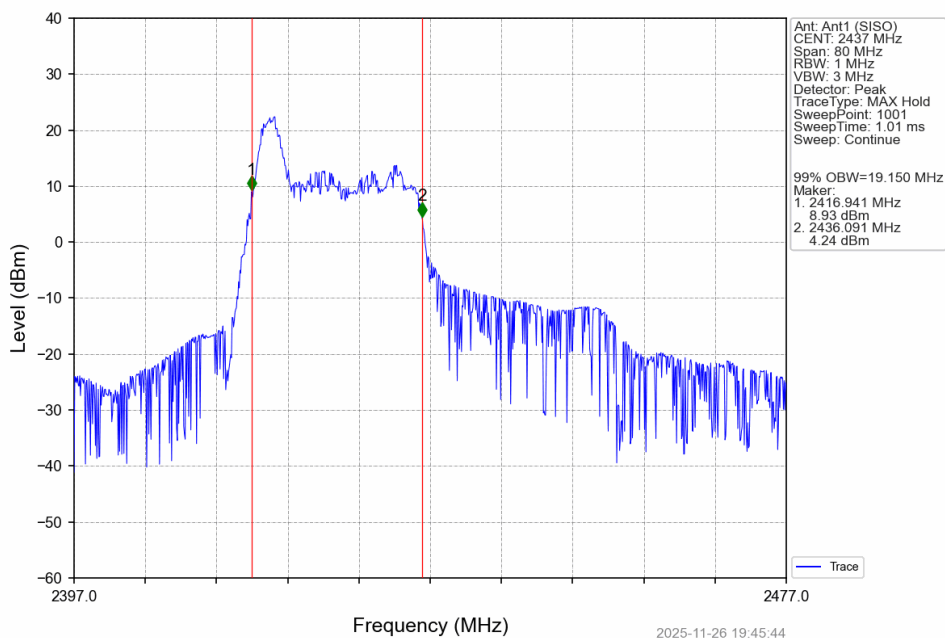




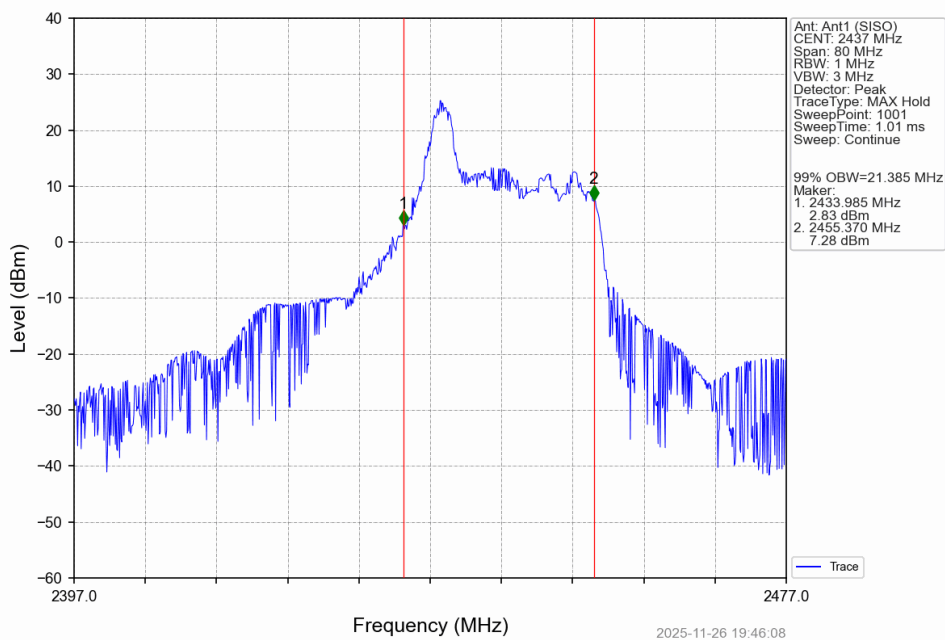
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_MCH_2437MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU26_Mid_Ant1 (SISO)_NTNV

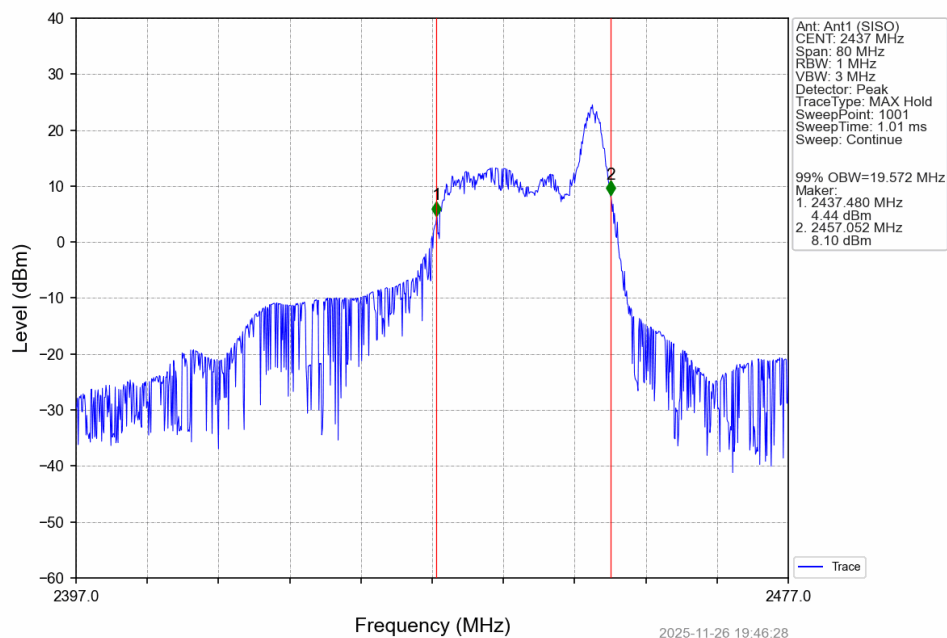




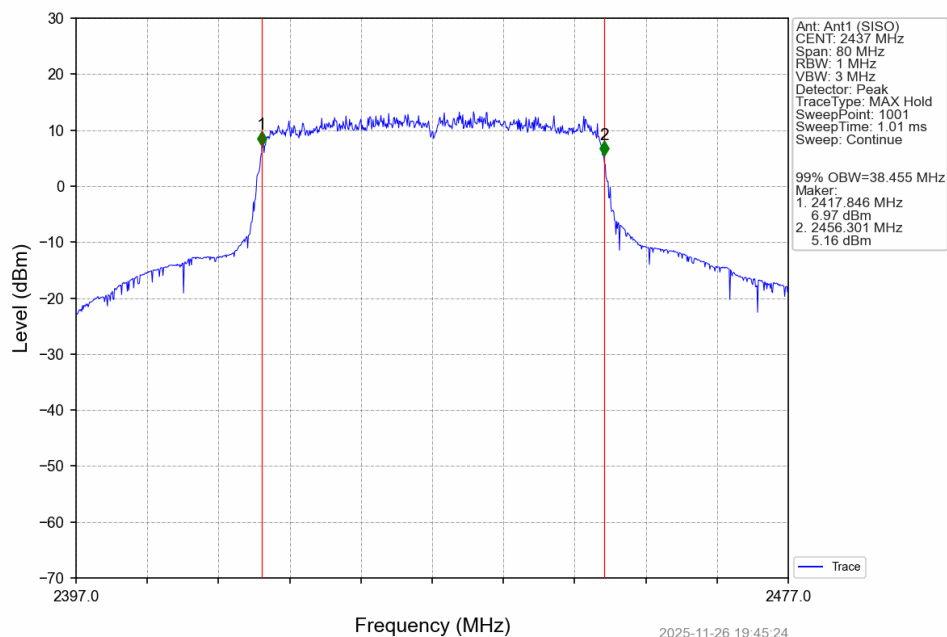
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_MCH_2437MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (SISO)_NTNV

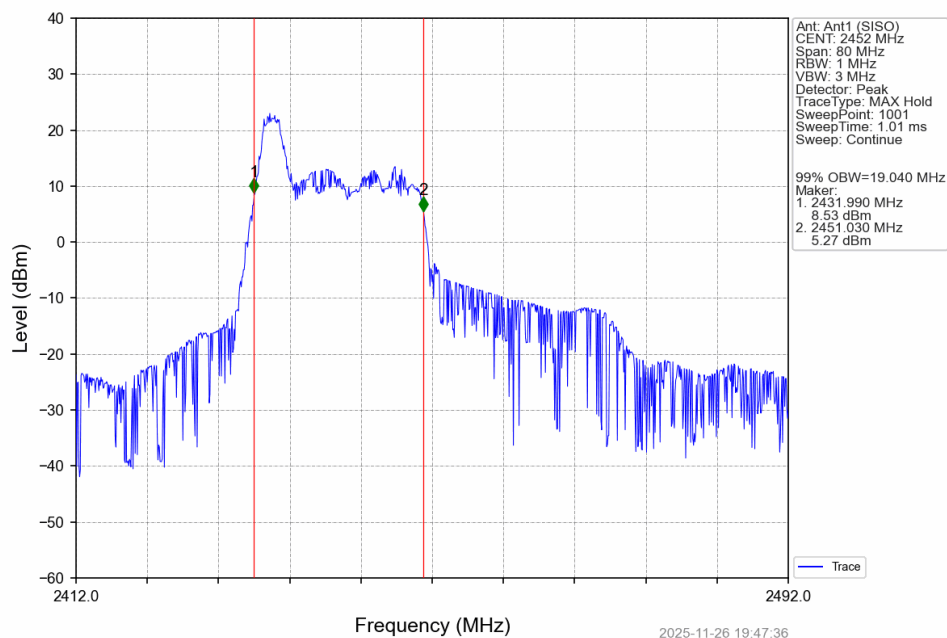




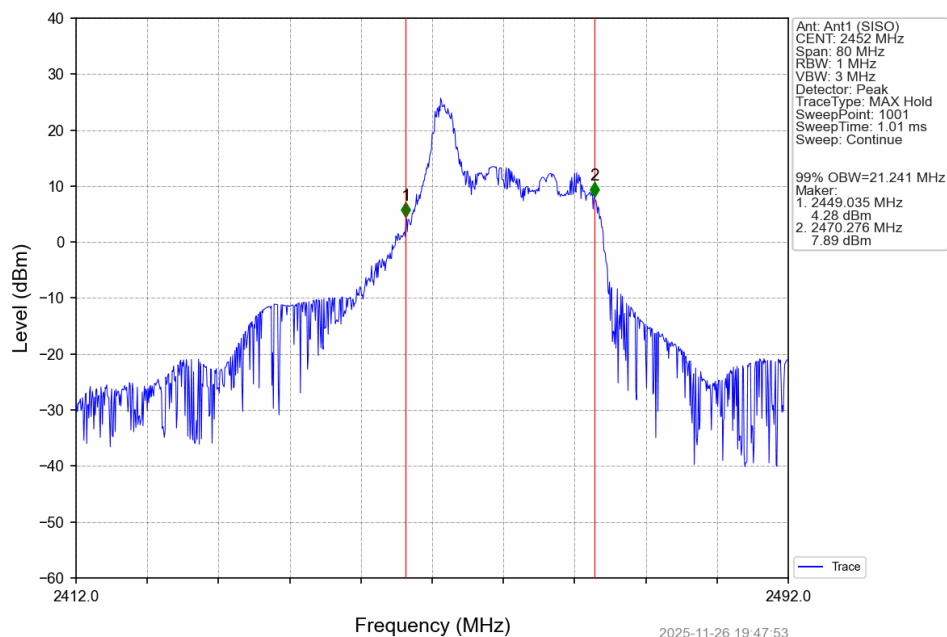
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_HCH_2452MHz_RU26_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU26_Mid_Ant1 (SISO)_NTNV

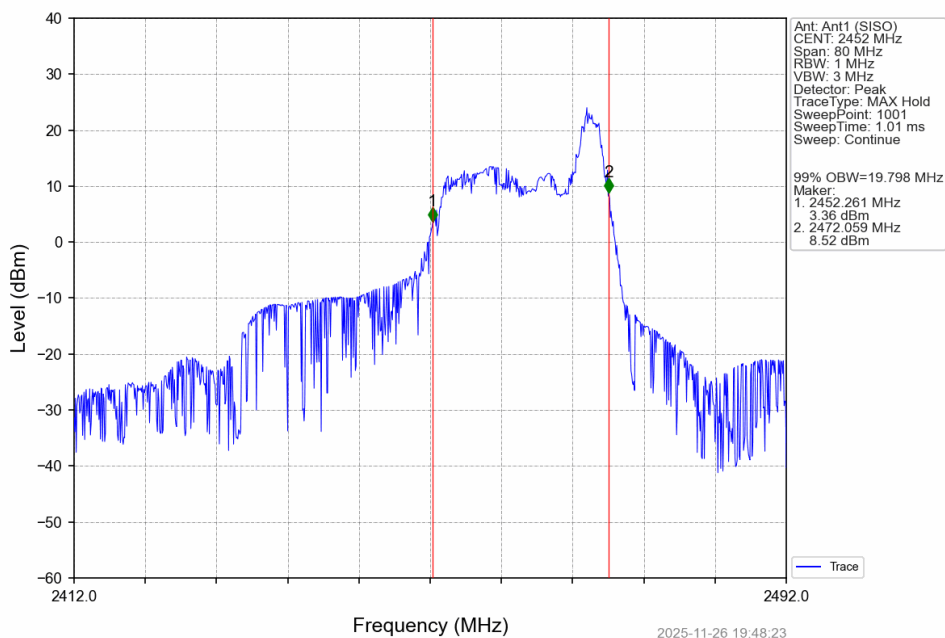




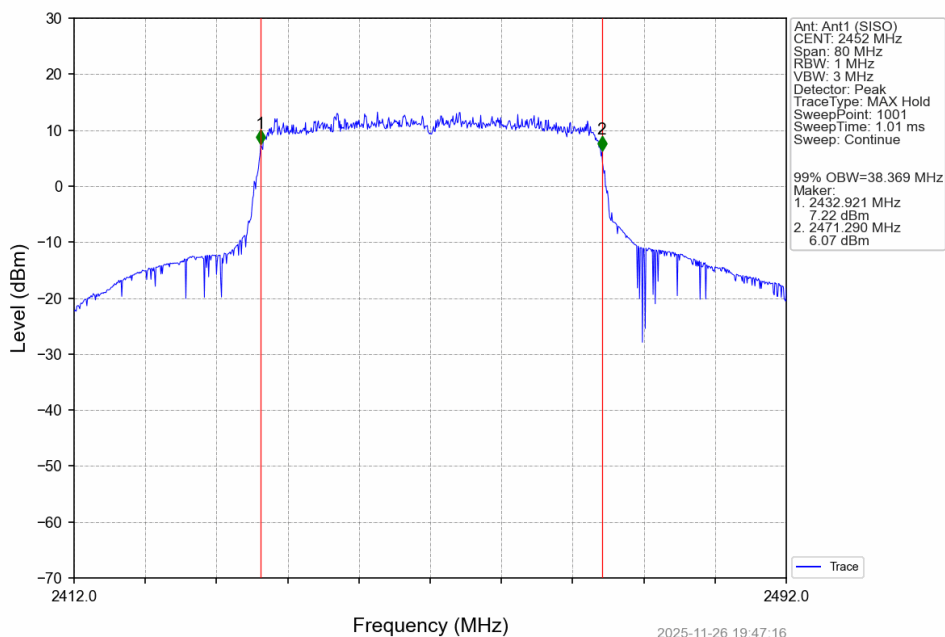
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130209RF01

802.11ax(HEW40)_HCH_2452MHz_RU26_Right_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (SISO)_NTNV





BUREAU VERITAS Test Report No.: PSU-NQN2510130209RF01

MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

Test Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Peak power output (dBm)	Average power output (dBm)	EIRP (dBm)
802.11b	NA	2412	Chain0	14.66	11.49	13.89
802.11b	NA	2437	Chain0	15.40	12.36	14.76
802.11b	NA	2462	Chain0	15.87	12.75	15.15
802.11g	NA	2412	Chain0	20.39	12.52	14.92
802.11g	NA	2437	Chain0	21.11	13.24	15.64
802.11g	NA	2462	Chain0	21.43	13.56	15.96
802.11n HT20	NA	2412	Chain0	19.33	11.32	13.72
802.11n HT20	NA	2437	Chain0	20.14	12.14	14.54
802.11n HT20	NA	2462	Chain0	20.48	12.47	14.87
802.11n HT40	NA	2422	Chain0	19.39	11.27	13.67
802.11n HT40	NA	2437	Chain0	19.92	11.80	14.20
802.11n HT40	NA	2452	Chain0	20.06	11.95	14.35

Test Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Peak power output (dBm)	Average power output (dBm)	EIRP (dBm)
802.11ax HE20	26T+0	2412	Chain0	21.38	10.54	12.94
802.11ax HE20	26T+0	2437	Chain0	22.50	11.59	13.99
802.11ax HE20	26T+0	2462	Chain0	23.01	11.84	14.24
802.11ax HE20	26T+4	2412	Chain0	22.35	11.63	14.03
802.11ax HE20	26T+4	2437	Chain0	23.05	12.52	14.92
802.11ax HE20	26T+4	2462	Chain0	23.77	12.87	15.27
802.11ax HE20	26T+8	2412	Chain0	22.02	11.02	13.42
802.11ax HE20	26T+8	2437	Chain0	22.69	11.69	14.09
802.11ax HE20	26T+8	2462	Chain0	23.03	12.13	14.53
802.11ax HE20	52T+37	2412	Chain0	21.53	10.71	13.11
802.11ax HE20	52T+37	2437	Chain0	22.59	11.75	14.15
802.11ax HE20	52T+37	2462	Chain0	22.88	12.01	14.41

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Test Report No.: PSU-NQN2510130209RF01

802.11ax HE20	52T+39	2412	Chain0	21.98	11.29	13.69
802.11ax HE20	52T+39	2437	Chain0	22.99	12.24	14.64
802.11ax HE20	52T+39	2462	Chain0	23.42	12.55	14.95
802.11ax HE20	52T+40	2412	Chain0	21.98	11.13	13.53
802.11ax HE20	52T+40	2437	Chain0	22.59	11.83	14.23
802.11ax HE20	52T+40	2462	Chain0	23.18	12.25	14.65
802.11ax HE20	106T+53	2412	Chain0	21.43	10.99	13.39
802.11ax HE20	106T+53	2437	Chain0	22.30	11.98	14.38
802.11ax HE20	106T+53	2462	Chain0	22.74	12.26	14.66
802.11ax HE20	106T+54	2412	Chain0	21.76	11.29	13.69
802.11ax HE20	106T+54	2437	Chain0	22.62	12.04	14.44
802.11ax HE20	106T+54	2462	Chain0	22.95	12.44	14.84
802.11ax HE20	242T+61	2412	Chain0	21.27	11.13	13.53
802.11ax HE20	242T+61	2437	Chain0	22.15	12.01	14.41
802.11ax HE20	242T+61	2462	Chain0	22.49	12.34	14.74
802.11ax HE40	26T+0	2422	Chain0	21.21	9.94	12.34
802.11ax HE40	26T+0	2437	Chain0	22.02	10.69	13.09
802.11ax HE40	26T+0	2452	Chain0	22.13	11.07	13.47
802.11ax HE40	26T+10	2422	Chain0	22.90	11.92	14.32
802.11ax HE40	26T+10	2437	Chain0	23.47	12.42	14.82
802.11ax HE40	26T+10	2452	Chain0	23.50	12.59	14.99
802.11ax HE40	26T+17	2422	Chain0	22.05	10.71	13.11
802.11ax HE40	26T+17	2437	Chain0	22.53	11.17	13.57
802.11ax HE40	26T+17	2452	Chain0	22.58	11.35	13.75
802.11ax HE40	52T+37	2422	Chain0	21.21	10.09	12.49
802.11ax HE40	52T+37	2437	Chain0	22.10	10.86	13.26
802.11ax HE40	52T+37	2452	Chain0	22.59	11.21	13.61
802.11ax HE40	52T+41	2422	Chain0	22.65	11.82	14.22
802.11ax HE40	52T+41	2437	Chain0	23.42	12.48	14.88
802.11ax HE40	52T+41	2452	Chain0	23.56	12.63	15.03
802.11ax HE40	52T+44	2422	Chain0	22.18	10.85	13.25
802.11ax HE40	52T+44	2437	Chain0	22.56	11.30	13.70
802.11ax HE40	52T+44	2452	Chain0	22.75	11.49	13.89
802.11ax HE40	106T+53	2422	Chain0	20.95	10.39	12.79
802.11ax HE40	106T+53	2437	Chain0	21.89	11.17	13.57



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2510130209RF01

802.11ax HE40	106T+53	2452	Chain0	22.22	11.46	13.86
802.11ax HE40	106T+55	2422	Chain0	22.27	11.62	14.02
802.11ax HE40	106T+55	2437	Chain0	23.12	12.32	14.72
802.11ax HE40	106T+55	2452	Chain0	23.05	12.46	14.86
802.11ax HE40	106T+56	2422	Chain0	21.94	11.08	13.48
802.11ax HE40	106T+56	2437	Chain0	22.29	11.52	13.92
802.11ax HE40	106T+56	2452	Chain0	21.64	11.73	14.13
802.11ax HE40	242T+61	2422	Chain0	21.08	10.97	13.37
802.11ax HE40	242T+61	2437	Chain0	21.83	11.72	14.12
802.11ax HE40	242T+61	2452	Chain0	21.93	11.92	14.32
802.11ax HE40	242T+62	2422	Chain0	21.62	11.44	13.84
802.11ax HE40	242T+62	2437	Chain0	22.07	11.89	14.29
802.11ax HE40	242T+62	2452	Chain0	22.23	12.08	14.48
802.11ax HE40	484T+65	2422	Chain0	21.27	11.04	13.44
802.11ax HE40	484T+65	2437	Chain0	21.87	11.62	14.02
802.11ax HE40	484T+65	2452	Chain0	22.05	11.81	14.21



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

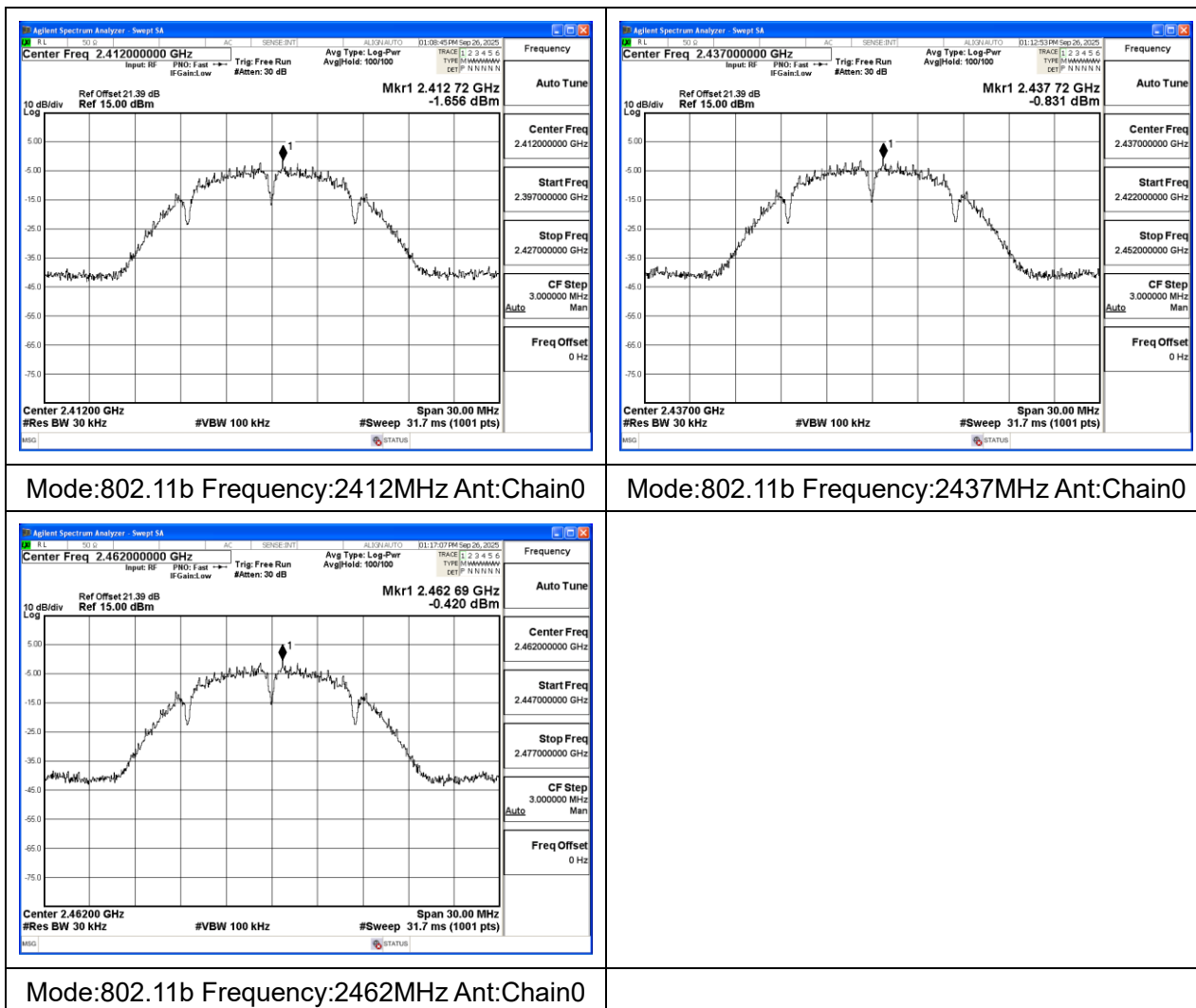
Test Mode	Antenna	Tones	Power Density(dBm/3KHz)		
			Channel No.1	Channel No.6	Channel No.11
			2412MHz	2437MHz	2462MHz
802.11b	Chain0	NA	-11.656	-10.831	-10.420
802.11g	Chain0	NA	-13.122	-12.484	-11.589
802.11n HT20	Chain0	NA	-14.458	-13.529	-13.503
802.11ax HE20	Chain0	26T	-9.899	-8.554	-8.455
802.11ax HE20	Chain0	52T	-12.402	-11.494	-11.107
802.11ax HE20	Chain0	106T	-14.621	-13.693	-13.490
802.11ax HE20	Chain0	242T	-15.398	-14.613	-14.034

Test Mode	Antenna	Tones	Power Density(dBm/3KHz)		
			Channel No.3	Channel No.6	Channel No.9
			2422MHz	2437MHz	2452MHz
802.11n HT40	Chain0	NA	-16.484	-15.875	-15.659
802.11ax HE40	Chain0	26T	-9.857	-9.788	-8.519
802.11ax HE40	Chain0	52T	-13.027	-12.208	-12.062
802.11ax HE40	Chain0	106T	-15.115	-13.991	-13.975
802.11ax HE40	Chain0	242T	-14.137	-13.470	-13.165
802.11ax HE40	Chain0	484T	-17.400	-17.098	-16.422



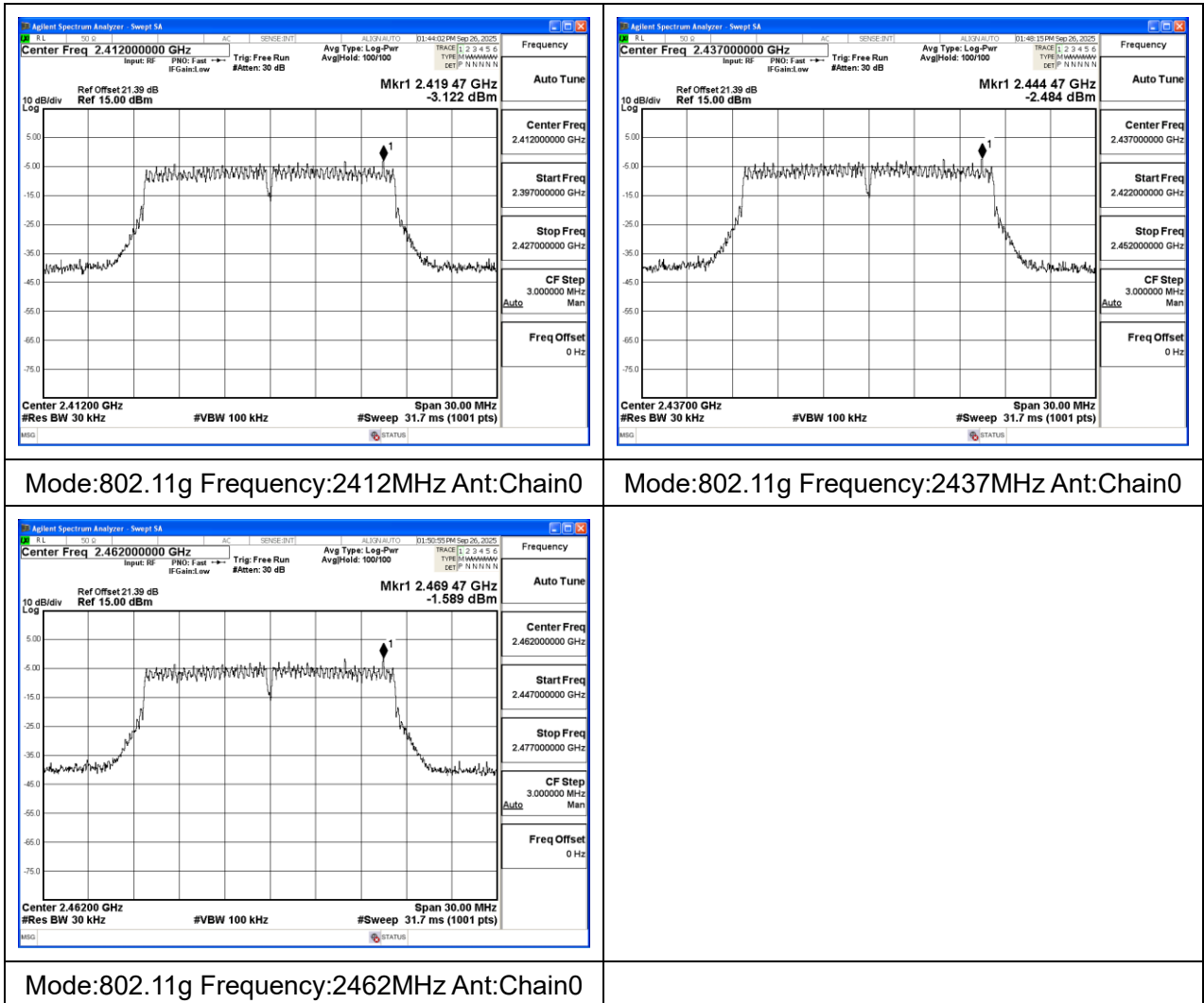
TEST GRAPHS

Test Mode: 802.11b





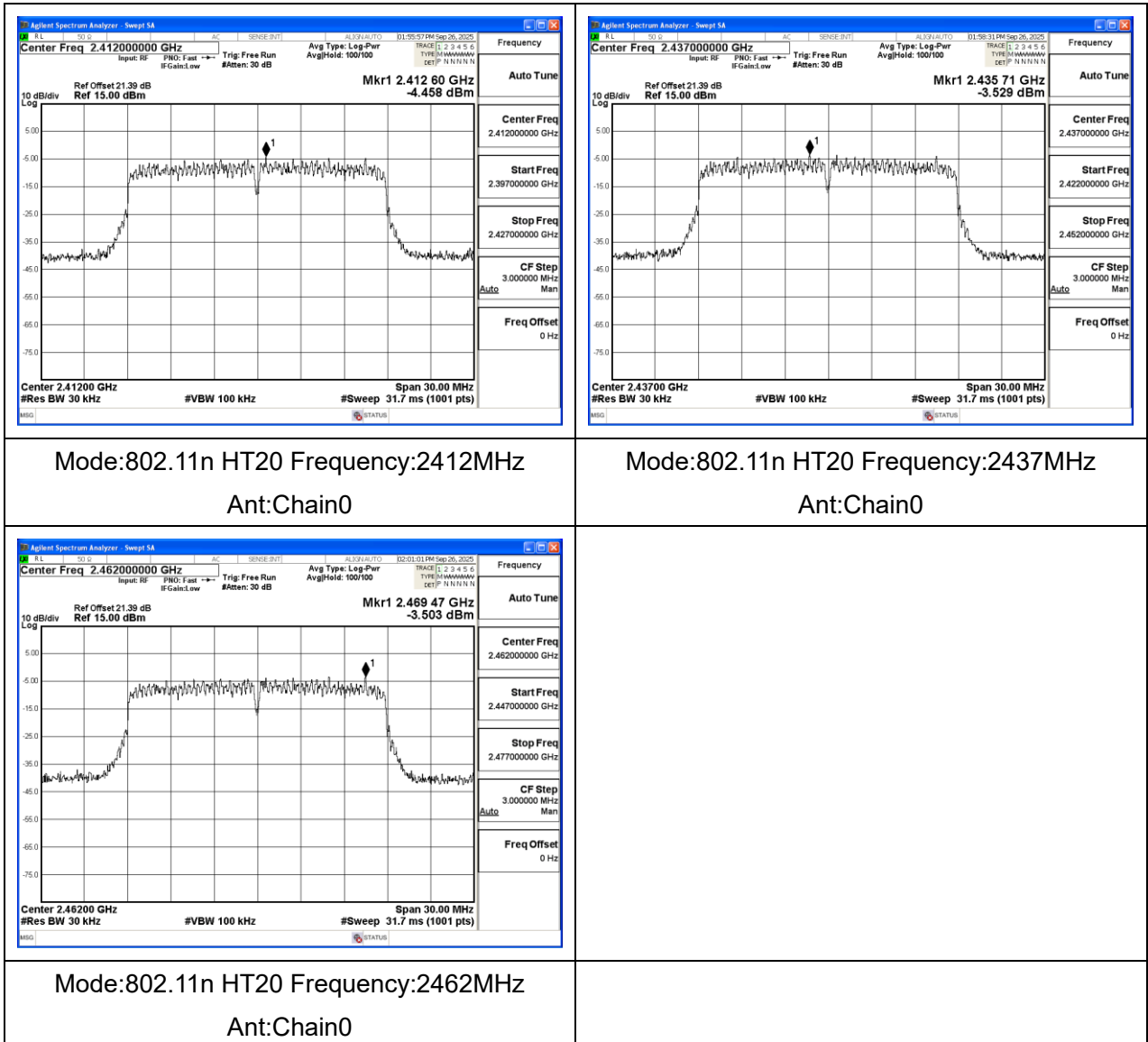
Test Mode: 802.11g





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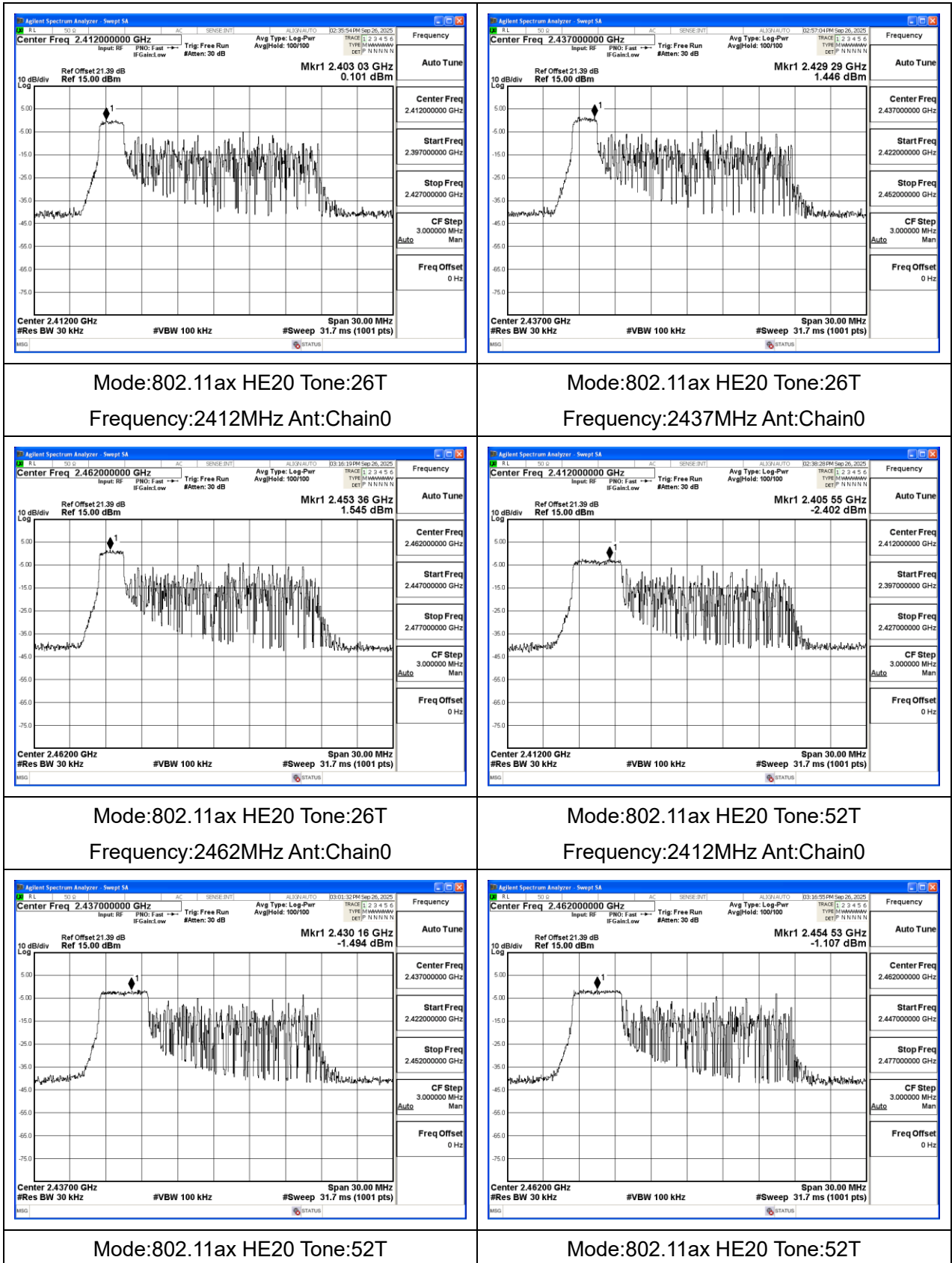
Test Mode: 802.11n HT20





BUREAU VERITAS Test Report No.: PSU-NQN2510130209RF01

Test Mode: 802.11ax HE20

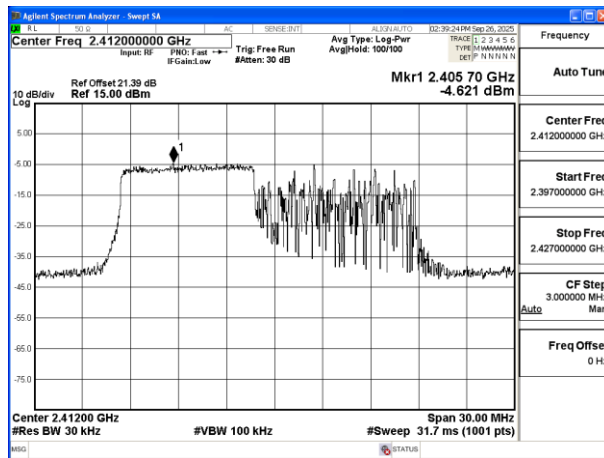




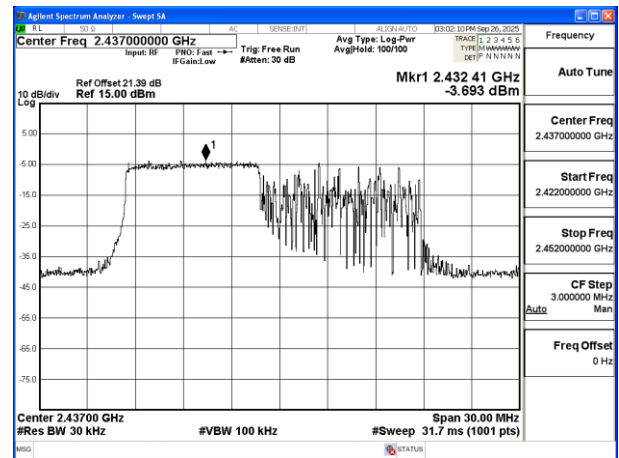
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Test Report No.: PSU-NQN2510130209RF01

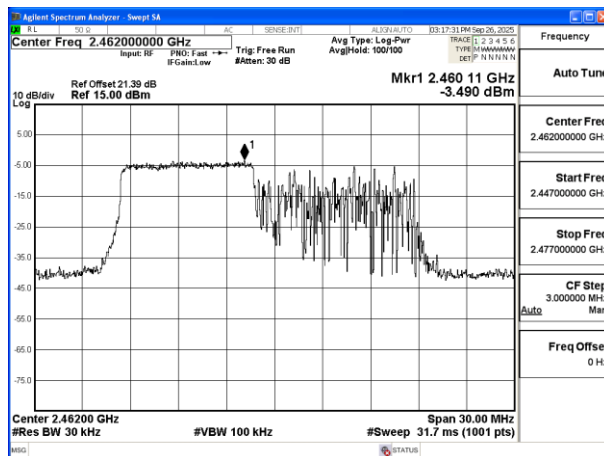
Frequency:2437MHz Ant:Chain0



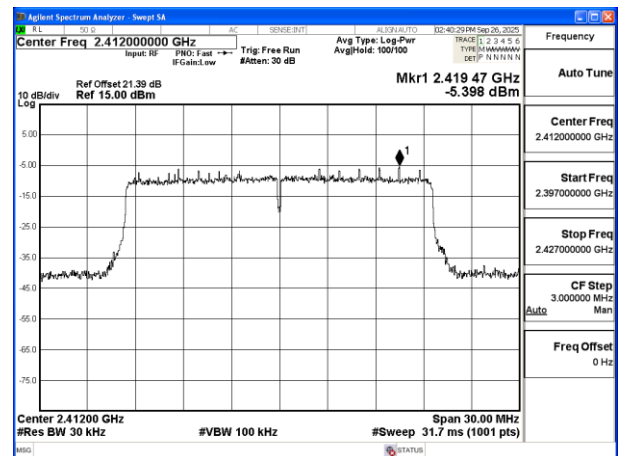
Frequency:2462MHz Ant:Chain0



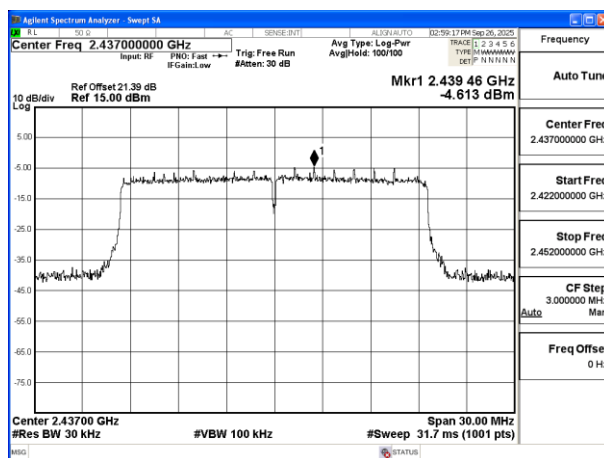
Mode:802.11ax HE20 Tone:106T
Frequency:2412MHz Ant:Chain0



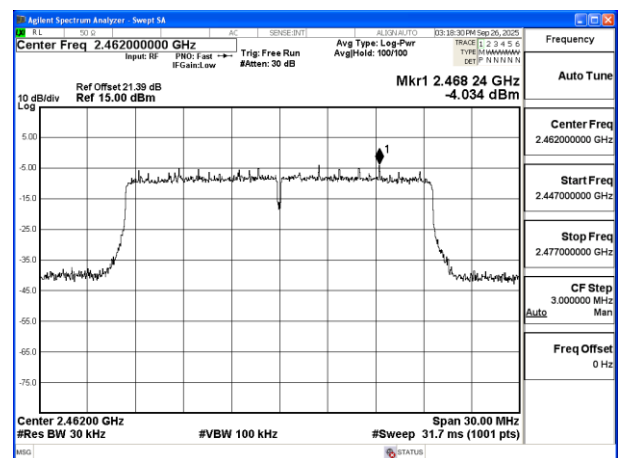
Mode:802.11ax HE20 Tone:106T
Frequency:2437MHz Ant:Chain0



Mode:802.11ax HE20 Tone:106T
Frequency:2462MHz Ant:Chain0



Mode:802.11ax HE20 Tone:242T
Frequency:2412MHz Ant:Chain0



Mode:802.11ax HE20 Tone:242T

Mode:802.11ax HE20 Tone:242T

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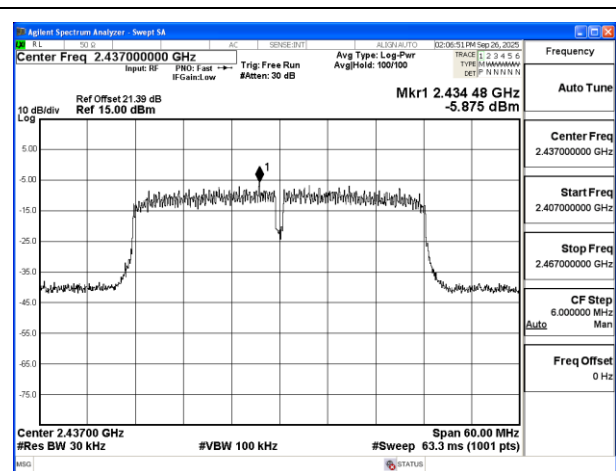
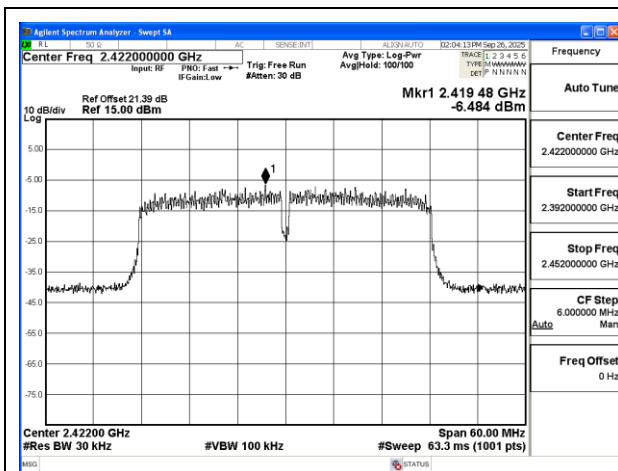
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Test Report No.: PSU-NQN2510130209RF01

Frequency:2437MHz Ant:Chain0

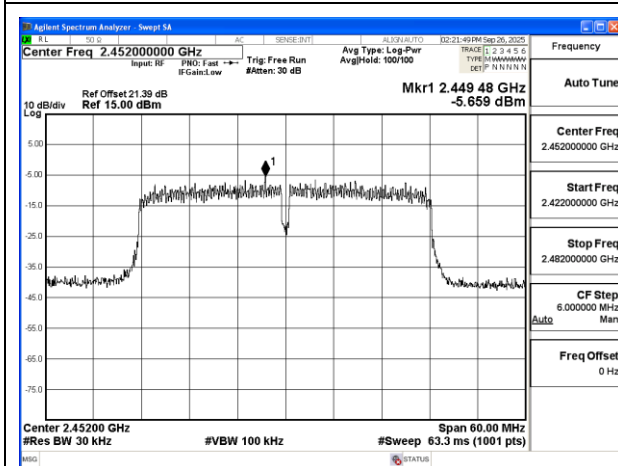
Frequency:2462MHz Ant:Chain0

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:2422MHz
Ant:Chain0

Mode:802.11n HT40 Frequency:2437MHz
Ant:Chain0

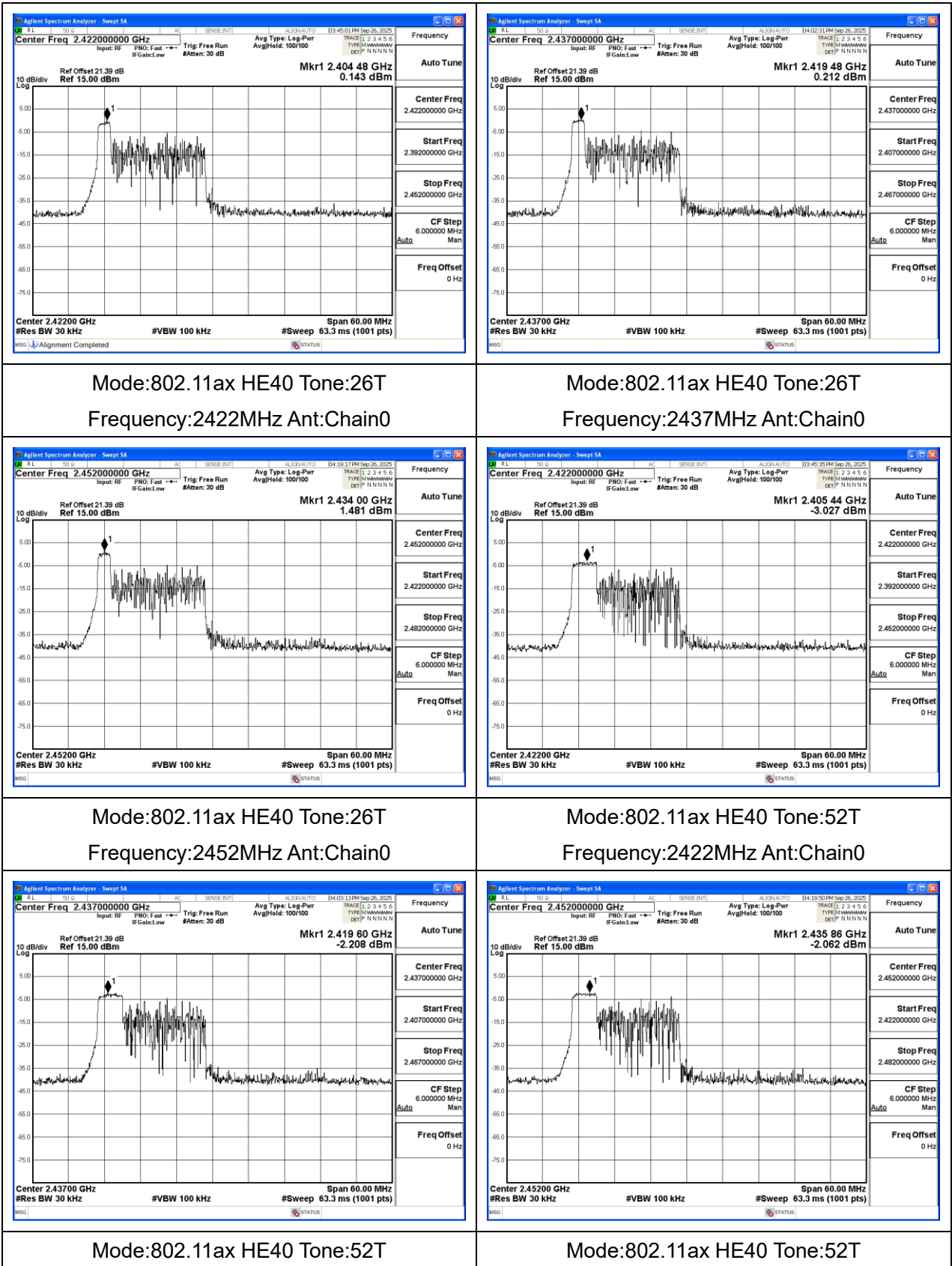


Mode:802.11n HT40 Frequency:2452MHz
Ant:Chain0



BUREAU VERITAS Test Report No.: PSU-NQN2510130209RF01

Test Mode: 802.11ax HE40



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