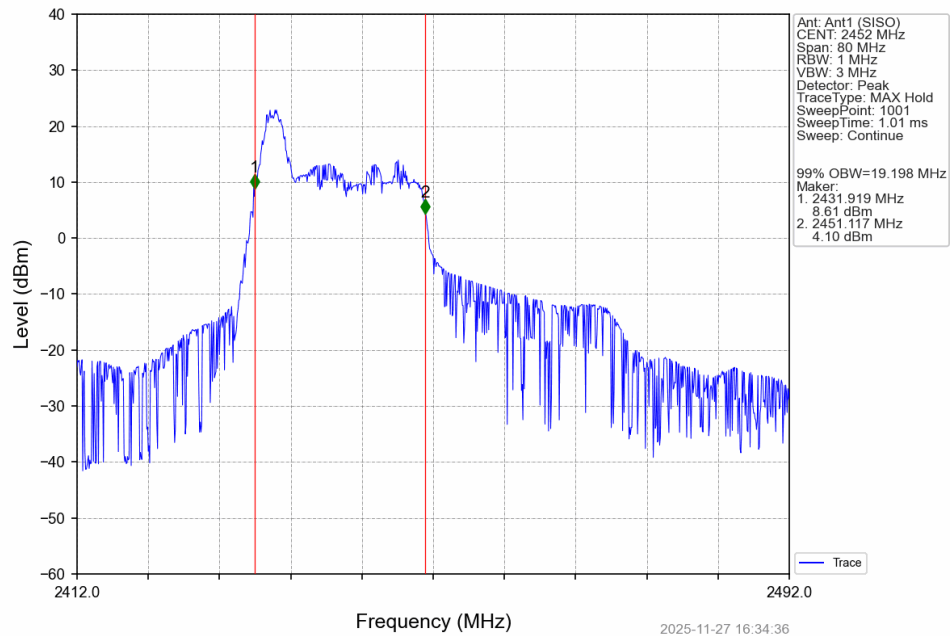




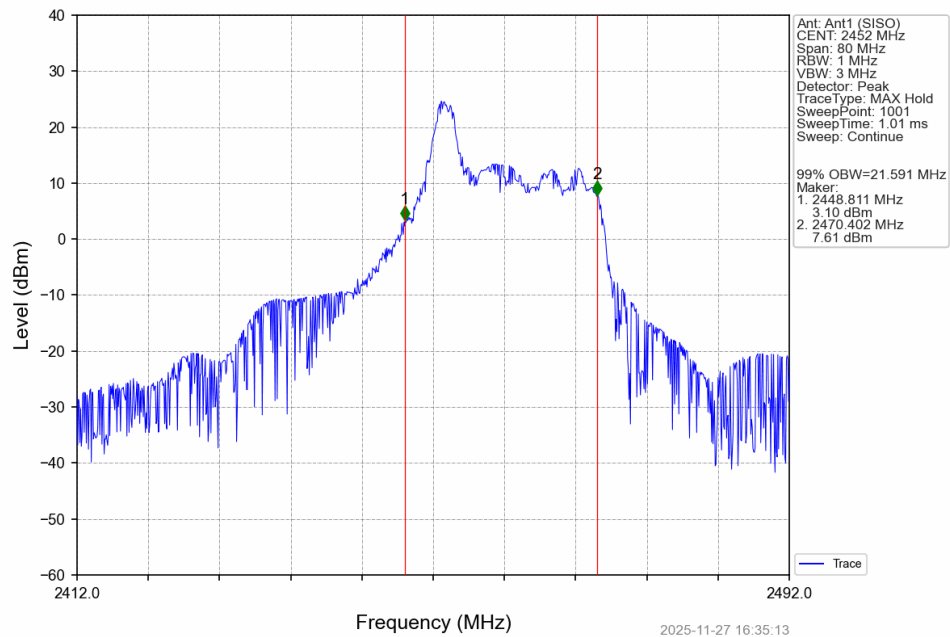
BUREAU
VERITAS

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

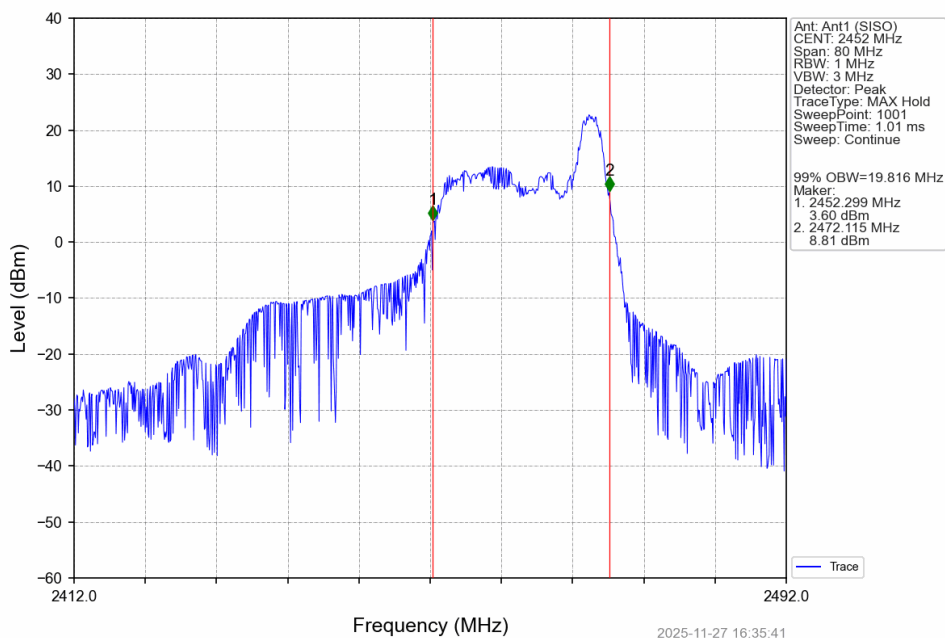




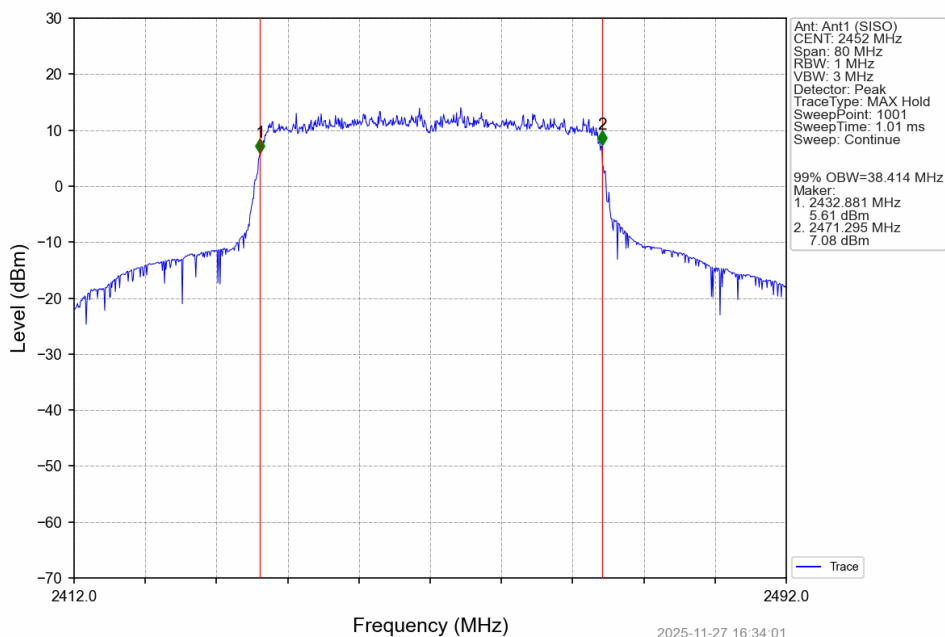
BUREAU
VERITAS

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





BUREAU VERITAS Test Report No.: PSU-NQN2510130109RF01

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	15.61	12.66	17.46
802.11b	NA	2437	Chain0	15.66	12.72	17.52
802.11b	NA	2462	Chain0	14.79	11.83	16.63
802.11g	NA	2412	Chain0	22.10	14.26	19.06
802.11g	NA	2437	Chain0	21.74	13.90	18.70
802.11g	NA	2462	Chain0	20.86	13.03	17.83
802.11n HT20	NA	2412	Chain0	22.23	14.25	19.05
802.11n HT20	NA	2437	Chain0	21.89	13.90	18.70
802.11n HT20	NA	2462	Chain0	21.02	13.05	17.85
802.11n HT40	NA	2422	Chain0	21.97	13.91	18.71
802.11n HT40	NA	2437	Chain0	21.59	13.53	18.33
802.11n HT40	NA	2452	Chain0	21.25	13.19	17.99

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	23.94	12.76	17.56
802.11ax HE20	26T+0	2437	Chain0	23.41	12.51	17.31
802.11ax HE20	26T+0	2462	Chain0	22.43	11.50	16.30
802.11ax HE20	26T+4	2412	Chain0	24.57	13.71	18.51
802.11ax HE20	26T+4	2437	Chain0	24.35	13.42	18.22
802.11ax HE20	26T+4	2462	Chain0	23.16	12.45	17.25
802.11ax HE20	26T+8	2412	Chain0	23.84	12.77	17.57
802.11ax HE20	26T+8	2437	Chain0	23.37	12.44	17.24
802.11ax HE20	26T+8	2462	Chain0	22.75	11.48	16.28
802.11ax HE20	52T+37	2412	Chain0	23.66	12.89	17.69
802.11ax HE20	52T+37	2437	Chain0	23.48	12.64	17.44
802.11ax HE20	52T+37	2462	Chain0	22.32	11.66	16.46

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802.11ax HE20	52T+39	2412	Chain0	24.08	13.41	18.21
802.11ax HE20	52T+39	2437	Chain0	23.78	13.14	17.94
802.11ax HE20	52T+39	2462	Chain0	22.91	12.17	16.97
802.11ax HE20	52T+40	2412	Chain0	23.60	12.92	17.72
802.11ax HE20	52T+40	2437	Chain0	23.49	12.59	17.39
802.11ax HE20	52T+40	2462	Chain0	22.50	11.66	16.46
802.11ax HE20	106T+53	2412	Chain0	23.61	13.13	17.93
802.11ax HE20	106T+53	2437	Chain0	23.42	12.93	17.73
802.11ax HE20	106T+53	2462	Chain0	22.31	11.90	16.70
802.11ax HE20	106T+54	2412	Chain0	23.66	13.14	17.94
802.11ax HE20	106T+54	2437	Chain0	23.55	12.88	17.68
802.11ax HE20	106T+54	2462	Chain0	22.47	11.89	16.69
802.11ax HE20	242T+61	2412	Chain0	23.11	12.98	17.78
802.11ax HE20	242T+61	2437	Chain0	22.85	12.72	17.52
802.11ax HE20	242T+61	2462	Chain0	22.07	11.93	16.73
802.11ax HE40	26T+0	2422	Chain0	23.20	11.98	16.78
802.11ax HE40	26T+0	2437	Chain0	23.20	11.78	16.58
802.11ax HE40	26T+0	2452	Chain0	22.46	11.51	16.31
802.11ax HE40	26T+10	2422	Chain0	24.41	13.50	18.30
802.11ax HE40	26T+10	2437	Chain0	24.24	13.23	18.03
802.11ax HE40	26T+10	2452	Chain0	24.06	12.85	17.65
802.11ax HE40	26T+17	2422	Chain0	23.49	11.98	16.78
802.11ax HE40	26T+17	2437	Chain0	23.34	11.61	16.41
802.11ax HE40	26T+17	2452	Chain0	22.28	11.07	15.87
802.11ax HE40	52T+37	2422	Chain0	23.13	12.15	16.95
802.11ax HE40	52T+37	2437	Chain0	23.10	11.90	16.70
802.11ax HE40	52T+37	2452	Chain0	22.66	11.64	16.44
802.11ax HE40	52T+41	2422	Chain0	24.54	13.62	18.42
802.11ax HE40	52T+41	2437	Chain0	24.14	13.33	18.13
802.11ax HE40	52T+41	2452	Chain0	23.86	13.01	17.81
802.11ax HE40	52T+44	2422	Chain0	23.24	12.15	16.95
802.11ax HE40	52T+44	2437	Chain0	23.12	11.76	16.56
802.11ax HE40	52T+44	2452	Chain0	22.30	11.24	16.04
802.11ax HE40	106T+53	2422	Chain0	23.09	12.42	17.22
802.11ax HE40	106T+53	2437	Chain0	22.83	12.16	16.96



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Test Report No.: PSU-NQN2510130109RF01

802.11ax HE40	106T+53	2452	Chain0	22.67	11.89	16.69
802.11ax HE40	106T+55	2422	Chain0	24.09	13.45	18.25
802.11ax HE40	106T+55	2437	Chain0	23.89	13.17	17.97
802.11ax HE40	106T+55	2452	Chain0	23.49	12.86	17.66
802.11ax HE40	106T+56	2422	Chain0	23.18	12.41	17.21
802.11ax HE40	106T+56	2437	Chain0	22.98	12.05	16.85
802.11ax HE40	106T+56	2452	Chain0	22.46	11.56	16.36
802.11ax HE40	242T+61	2422	Chain0	22.95	12.89	17.69
802.11ax HE40	242T+61	2437	Chain0	22.68	12.62	17.42
802.11ax HE40	242T+61	2452	Chain0	22.44	12.34	17.14
802.11ax HE40	242T+62	2422	Chain0	23.02	12.89	17.69
802.11ax HE40	242T+62	2437	Chain0	22.79	12.56	17.36
802.11ax HE40	242T+62	2452	Chain0	22.37	12.14	16.94
802.11ax HE40	484T+65	2422	Chain0	22.97	12.71	17.51
802.11ax HE40	484T+65	2437	Chain0	22.63	12.42	17.22
802.11ax HE40	484T+65	2452	Chain0	22.29	12.09	16.89



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

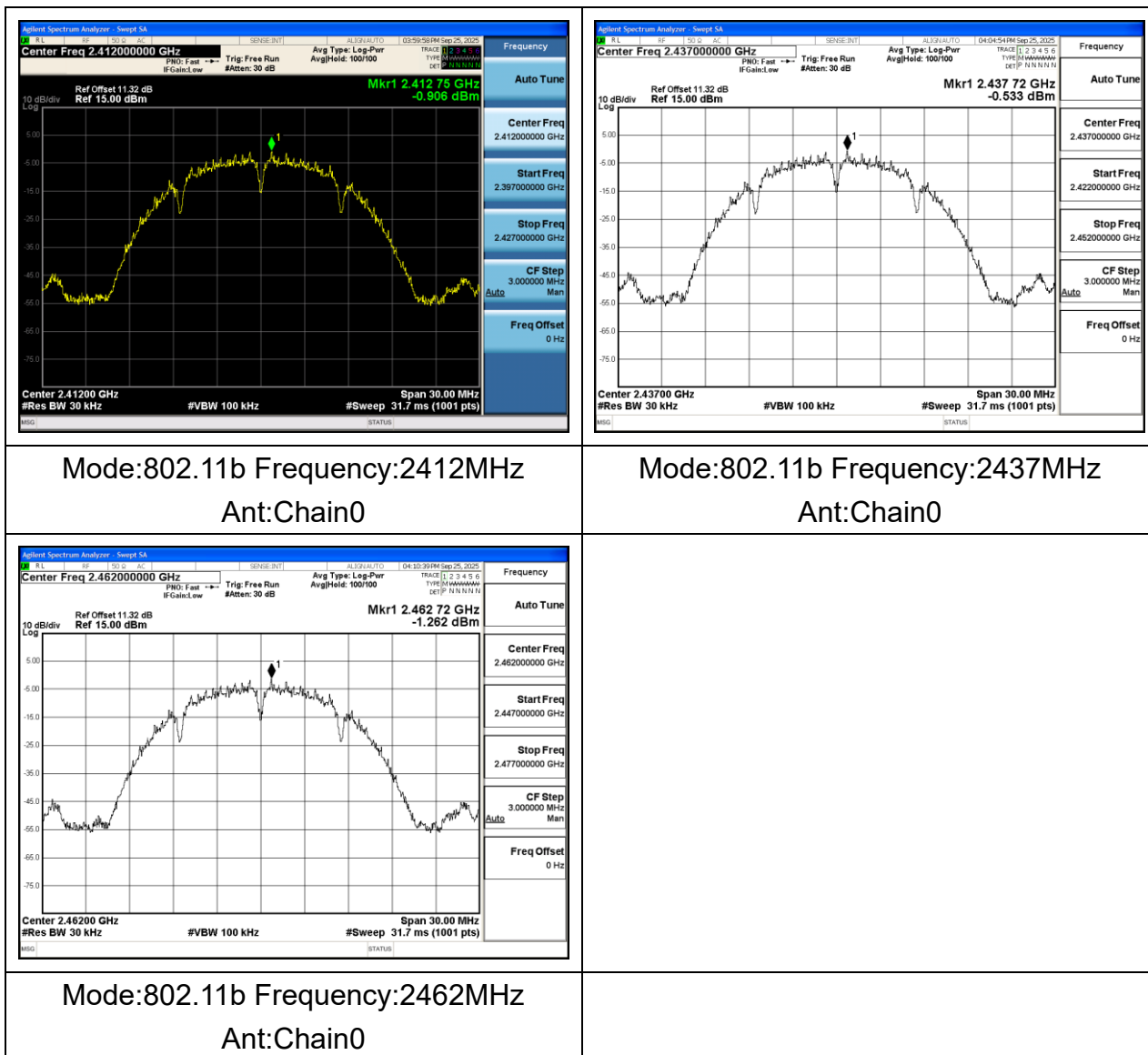
Test Mode	Antenna	Tones	Power Density(dBm/3KHz)		
			Channel No.1	Channel No.6	Channel No.11
			2412MHz	2437MHz	2462MHz
802.11b	Chain0	NA	-10.906	-10.533	-11.262
802.11g	Chain0	NA	-11.600	-11.826	-12.972
802.11n HT20	Chain0	NA	-11.376	-12.045	-12.752
802.11ax HE20	Chain0	26T	-7.594	-7.671	-8.312
802.11ax HE20	Chain0	52T	-10.136	-10.722	-10.909
802.11ax HE20	Chain0	106T	-12.193	-11.891	-11.222
802.11ax HE20	Chain0	242T	-13.504	-13.816	-14.412

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	-13.726	-14.357	-14.440
802.11ax HE40	Chain0	26T	-8.257	-8.715	-8.327
802.11ax HE40	Chain0	52T	-10.736	-11.130	-11.228
802.11ax HE40	Chain0	106T	-12.071	-13.332	-13.677
802.11ax HE40	Chain0	242T	-12.863	-12.889	-13.536
802.11ax HE40	Chain0	484T	-15.312	-15.600	-16.450



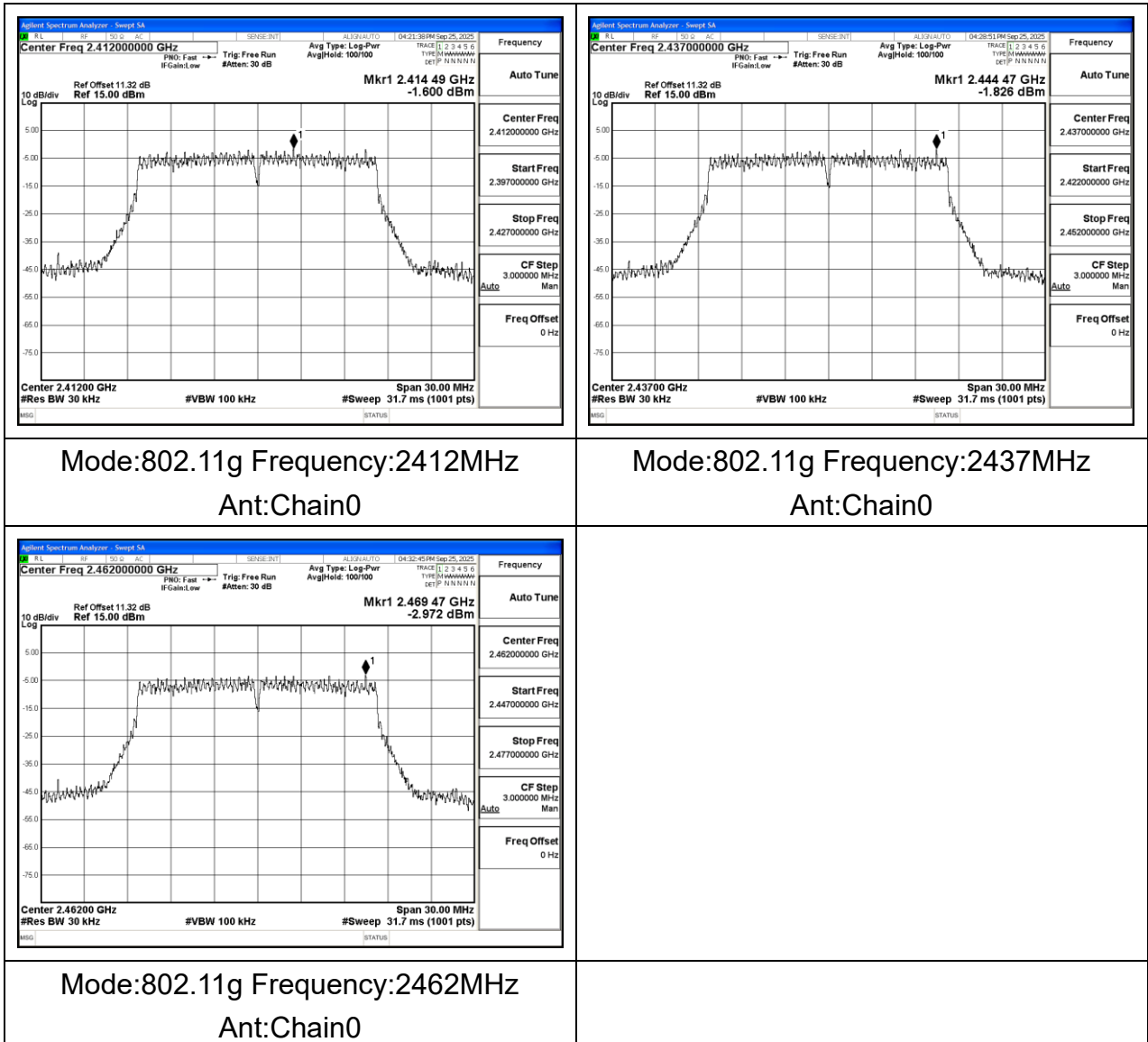
TEST GRAPHS

Test Mode: 802.11b





Test Mode: 802.11g





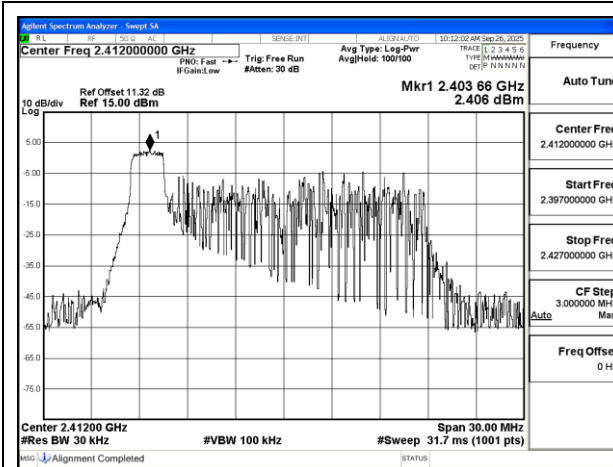
Test Mode: 802.11n HT20

Agilent Spectrum Analyzer - Sweep S4 Center Freq 2.412000000 GHz Ref Offset 11.32 dB Ref 15.00 dBm Mkr1 2.410 74 GHz -1.376 dBm Auto Tune Center Freq 2.412000000 GHz Start Freq 2.397000000 GHz Stop Freq 2.427000000 GHz CF Step 3.000000 MHz Auto Freq Offset 0 Hz Center 2.41200 GHz #Res BW 30 kHz #VBW 100 kHz #Sweep 31.7 ms (1001 pts)	Agilent Spectrum Analyzer - Sweep S4 Center Freq 2.437000000 GHz Ref Offset 11.32 dB Ref 15.00 dBm Mkr1 2.435 71 GHz -2.045 dBm Auto Tune Center Freq 2.437000000 GHz Start Freq 2.422000000 GHz Stop Freq 2.452000000 GHz CF Step 3.000000 MHz Auto Freq Offset 0 Hz Center 2.43700 GHz #Res BW 30 kHz #VBW 100 kHz #Sweep 31.7 ms (1001 pts)
Mode:802.11n HT20 Frequency:2412MHz Ant:Chain0	Mode:802.11n HT20 Frequency:2437MHz Ant:Chain0
Agilent Spectrum Analyzer - Sweep S4 Center Freq 2.462000000 GHz Ref Offset 11.32 dB Ref 15.00 dBm Mkr1 2.460 74 GHz -2.752 dBm Auto Tune Center Freq 2.462000000 GHz Start Freq 2.447000000 GHz Stop Freq 2.477000000 GHz CF Step 3.000000 MHz Auto Freq Offset 0 Hz Center 2.46200 GHz #Res BW 30 kHz #VBW 100 kHz #Sweep 31.7 ms (1001 pts)	
Mode:802.11n HT20 Frequency:2462MHz Ant:Chain0	

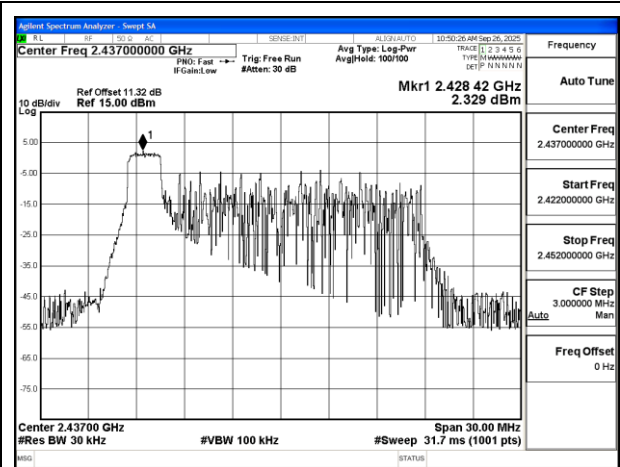


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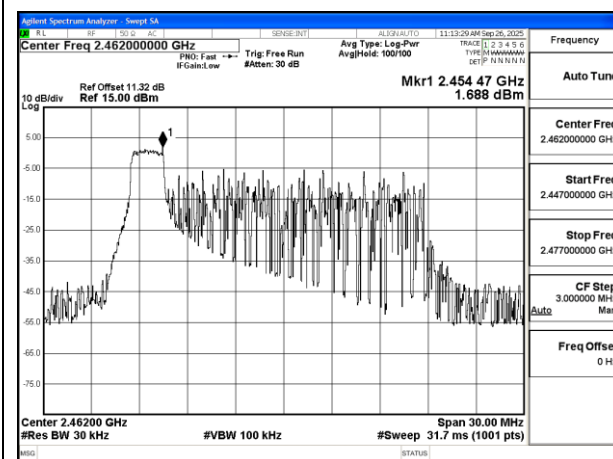
Test Mode: 802.11ax HE20



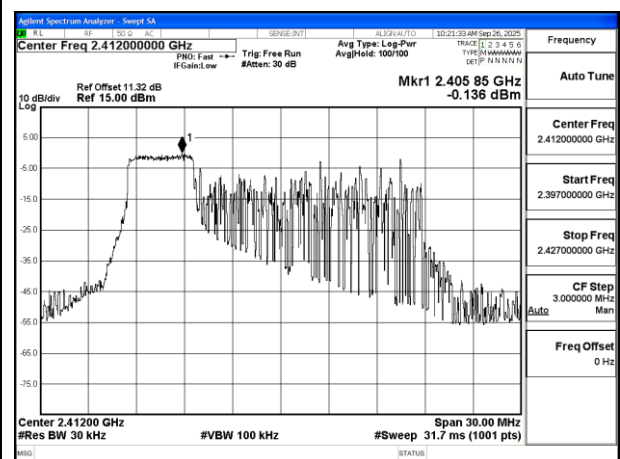
Mode:802.11ax HE20 Tone:26T
Frequency:2412MHz Ant:Chain0



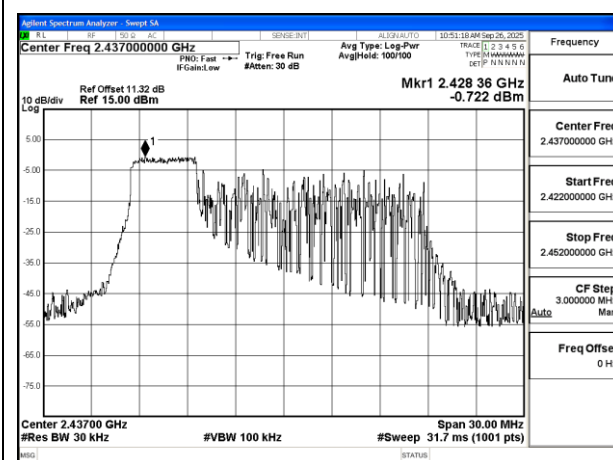
Mode:802.11ax HE20 Tone:26T
Frequency:2437MHz Ant:Chain0



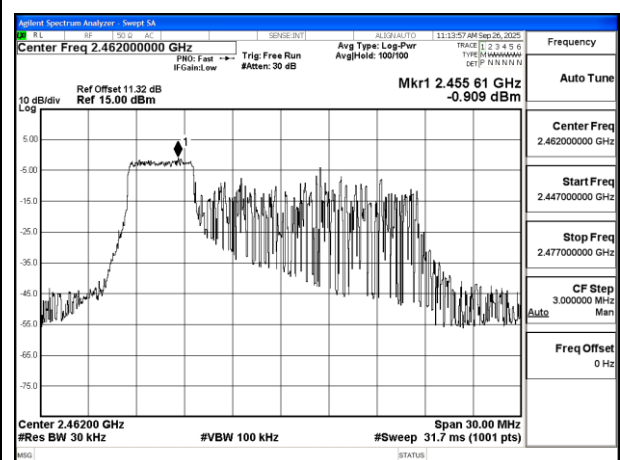
Mode:802.11ax HE20 Tone:26T
Frequency:2462MHz Ant:Chain0



Mode:802.11ax HE20 Tone:52T
Frequency:2412MHz Ant:Chain0



Mode:802.11ax HE20 Tone:52T



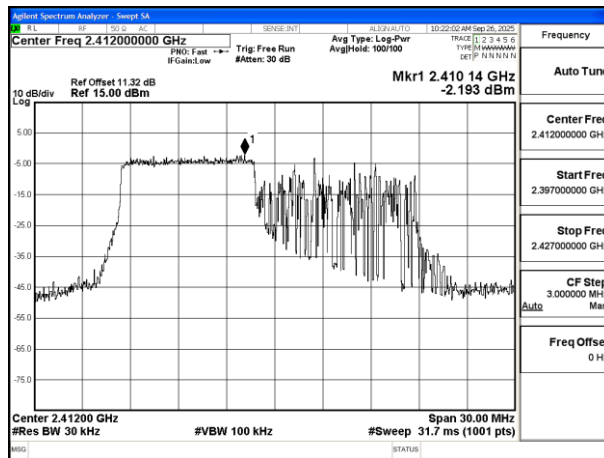
Mode:802.11ax HE20 Tone:52T



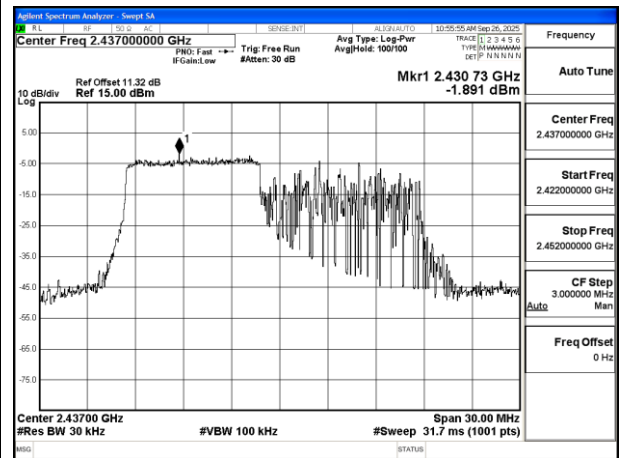
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Test Report No.: PSU-NQN2510130109RF01

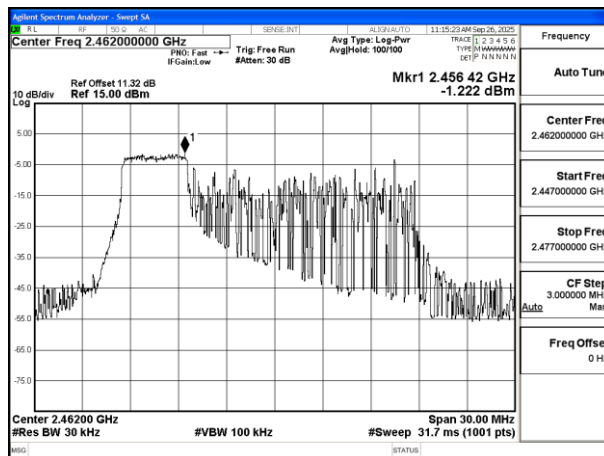
Frequency:2437MHz Ant:Chain0



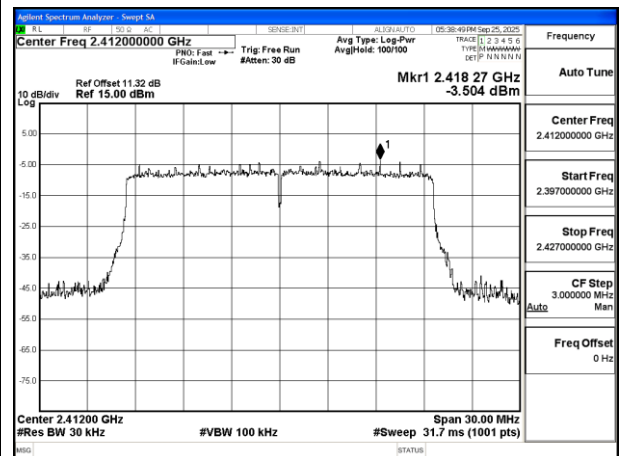
Frequency:2462MHz Ant:Chain0



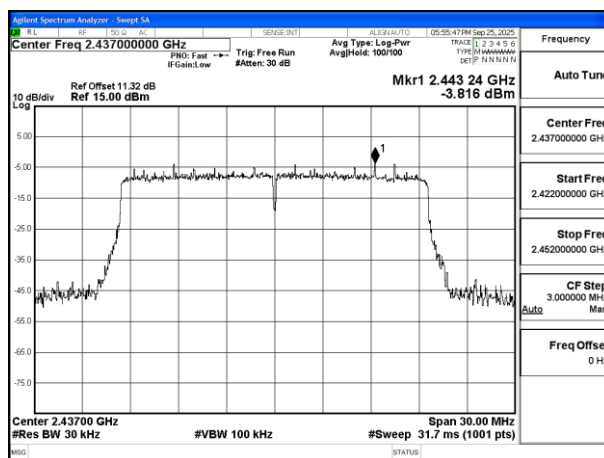
Mode:802.11ax HE20 Tone:106T
Frequency:2412MHz Ant:Chain0



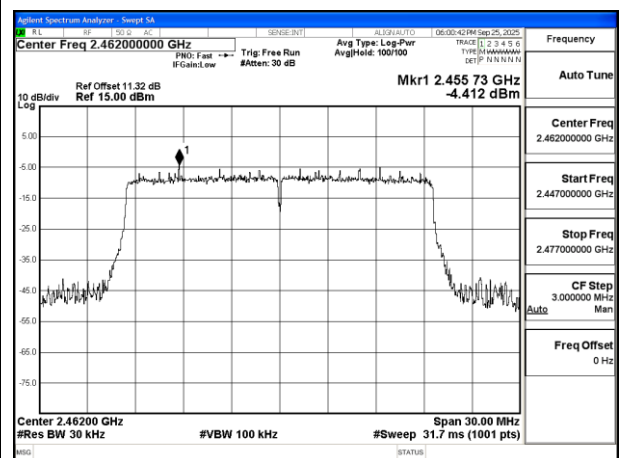
Mode:802.11ax HE20 Tone:106T
Frequency:2437MHz Ant:Chain0



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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Frequency:2437MHz Ant:Chain0	Frequency:2462MHz Ant:Chain0
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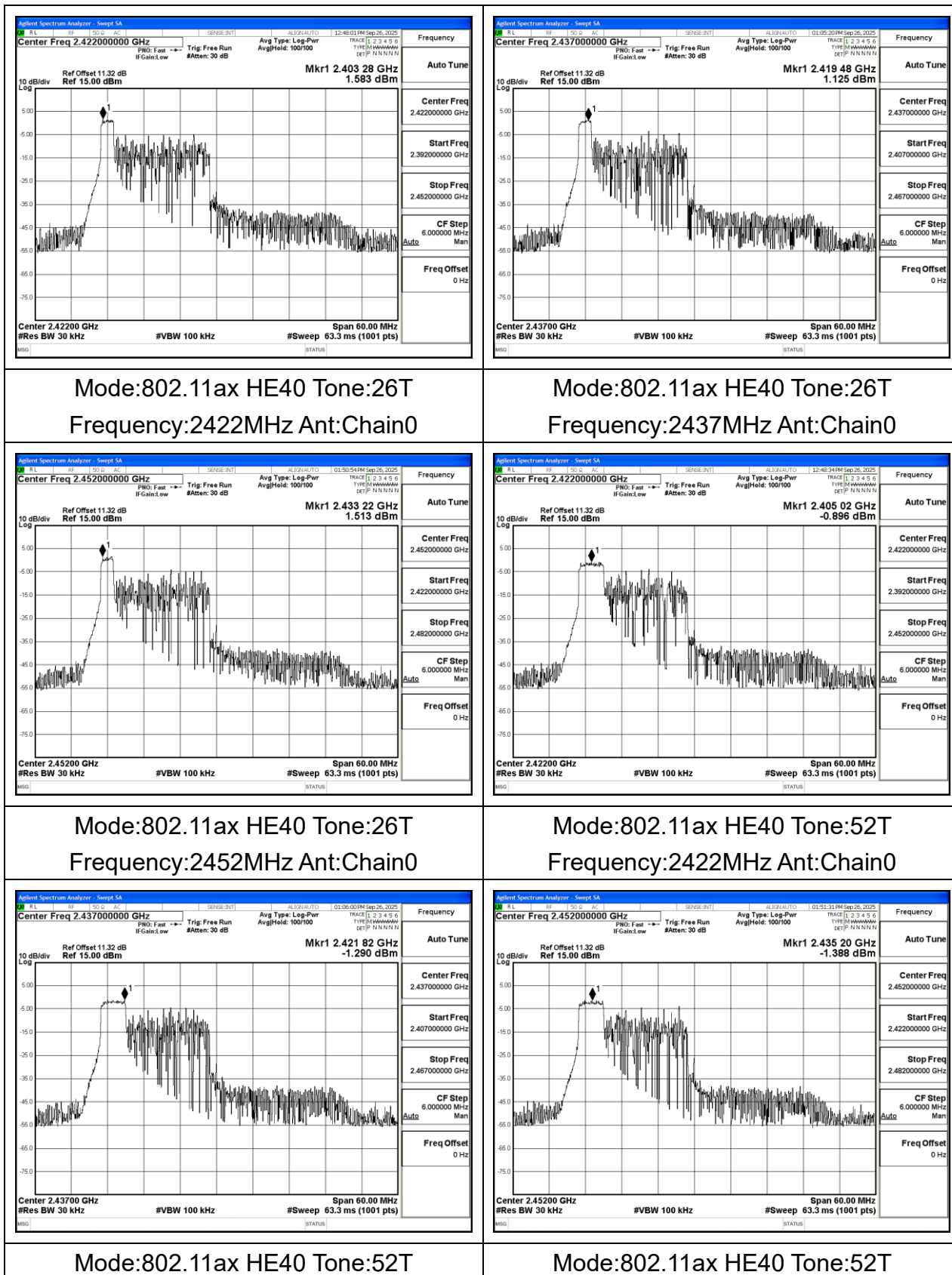
Test Mode: 802.11n HT40

Agilent Spectrum Analyzer - Sweep SA Center Freq 2.422000000 GHz Ref Offset 11.32 dB Ref 15.00 dBm Mkr1 2.419 48 GHz -3.726 dBm Auto Tune Center Freq 2.422000000 GHz Start Freq 2.392000000 GHz Stop Freq 2.452000000 GHz CF Stop 6.000000 MHz Auto Freq Offset 0 Hz Center 2.42200 GHz #Res BW 30 kHz #VBW 100 kHz #Sweep 63.3 ms (1001 pts)	Agilent Spectrum Analyzer - Sweep SA Center Freq 2.437000000 GHz Ref Offset 11.32 dB Ref 15.00 dBm Mkr1 2.434 48 GHz -4.357 dBm Auto Tune Center Freq 2.437000000 GHz Start Freq 2.407000000 GHz Stop Freq 2.467000000 GHz CF Stop 6.000000 MHz Auto Freq Offset 0 Hz Center 2.43700 GHz #Res BW 30 kHz #VBW 100 kHz #Sweep 63.3 ms (1001 pts)
Mode:802.11n HT40 Frequency:2422MHz Ant:Chain0	Mode:802.11n HT40 Frequency:2437MHz Ant:Chain0
Agilent Spectrum Analyzer - Sweep SA Center Freq 2.452000000 GHz Ref Offset 11.32 dB Ref 15.00 dBm Mkr1 2.449 48 GHz -4.440 dBm Auto Tune Center Freq 2.452000000 GHz Start Freq 2.422000000 GHz Stop Freq 2.482000000 GHz CF Stop 6.000000 MHz Auto Freq Offset 0 Hz Center 2.45200 GHz #Res BW 30 kHz #VBW 100 kHz #Sweep 63.3 ms (1001 pts)	
Mode:802.11n HT40 Frequency:2452MHz Ant:Chain0	



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Test Mode: 802.11ax HE40

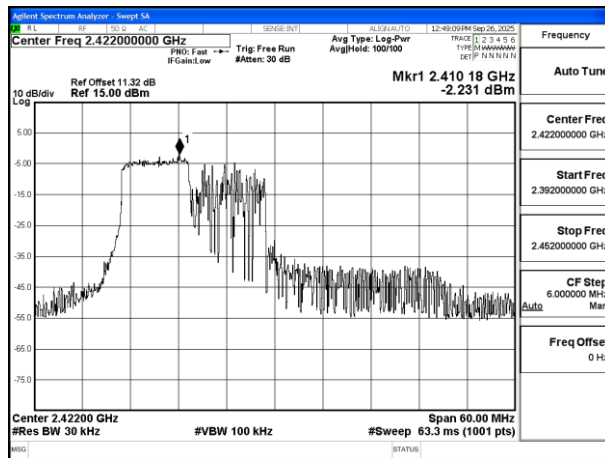




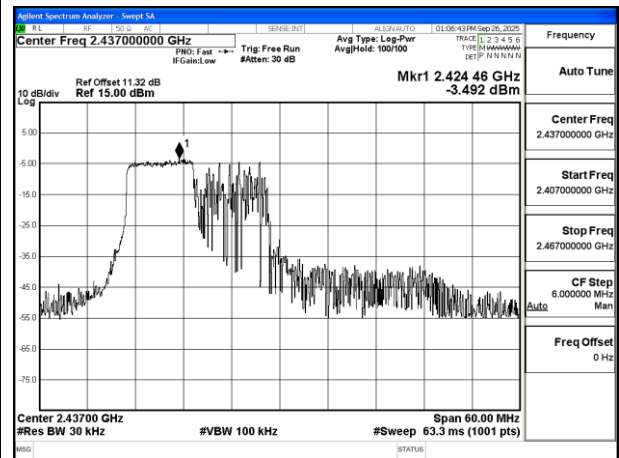
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Test Report No.: PSU-NQN2510130109RF01

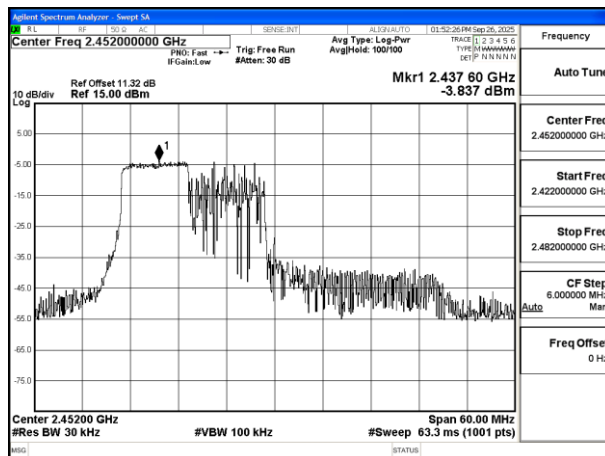
Frequency:2437MHz Ant:Chain0



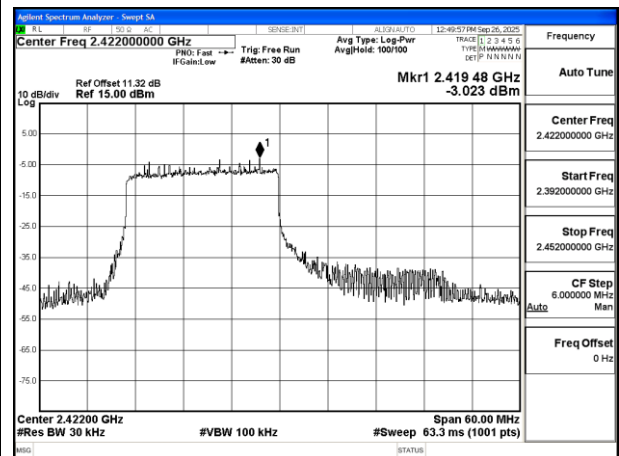
Frequency:2452MHz Ant:Chain0



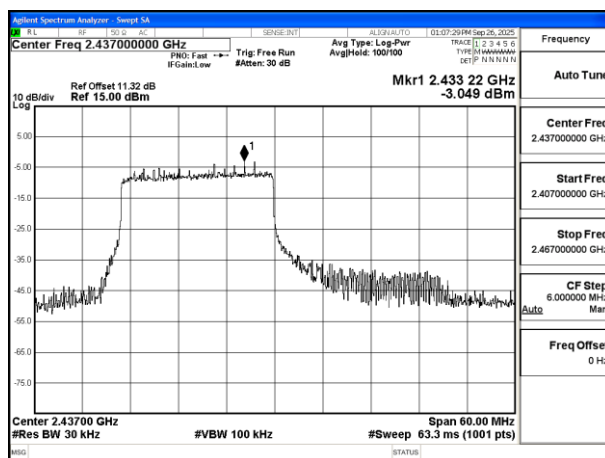
Mode:802.11ax HE40 Tone:106T
Frequency:2422MHz Ant:Chain0



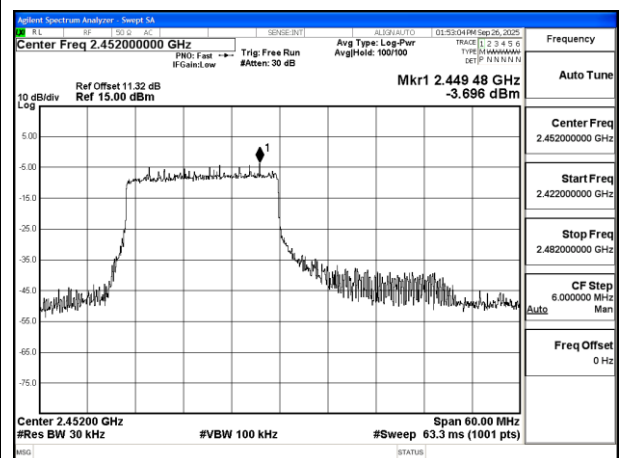
Mode:802.11ax HE40 Tone:106T
Frequency:2437MHz Ant:Chain0



Mode:802.11ax HE40 Tone:106T
Frequency:2452MHz Ant:Chain0



Mode:802.11ax HE40 Tone:242T
Frequency:2422MHz Ant:Chain0



Mode:802.11ax HE40 Tone:242T

Mode:802.11ax HE40 Tone:242T

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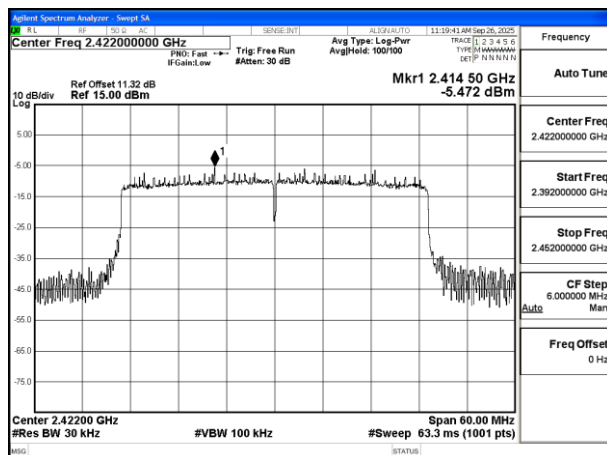
Tel: +86 (0557) 368 1008



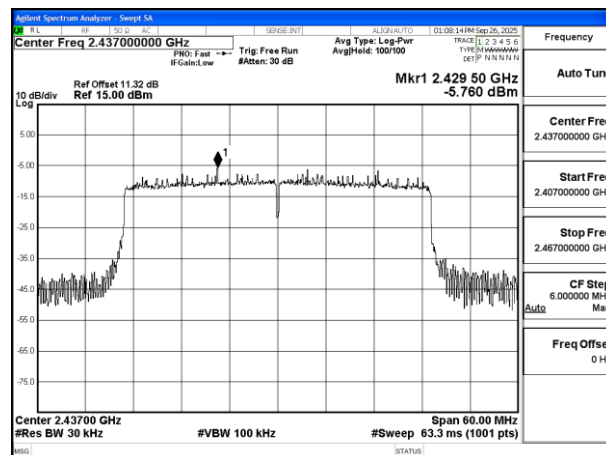
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Test Report No.: PSU-NQN2510130109RF01

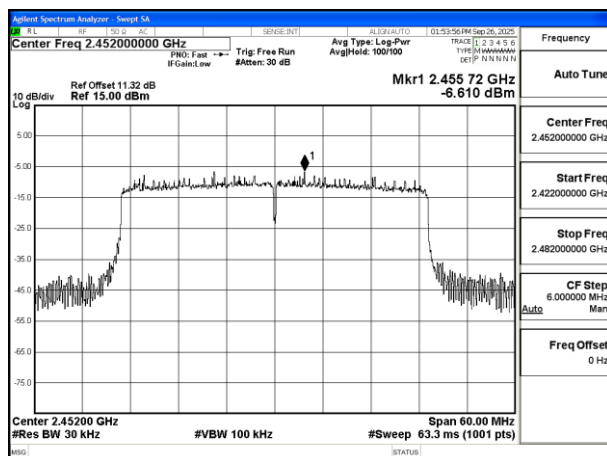
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Frequency:2452MHz Ant:Chain0



Mode:802.11ax HE40 Tone:484T
Frequency:2422MHz Ant:Chain0



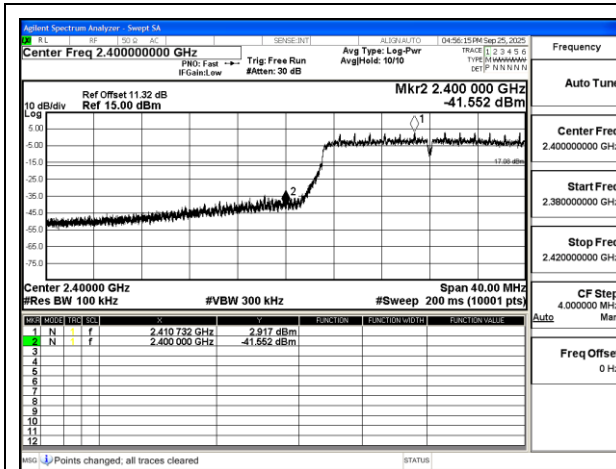
Mode:802.11ax HE40 Tone:484T
Frequency:2437MHz Ant:Chain0

Mode:802.11ax HE40 Tone:484T
Frequency:2452MHz Ant:Chain0

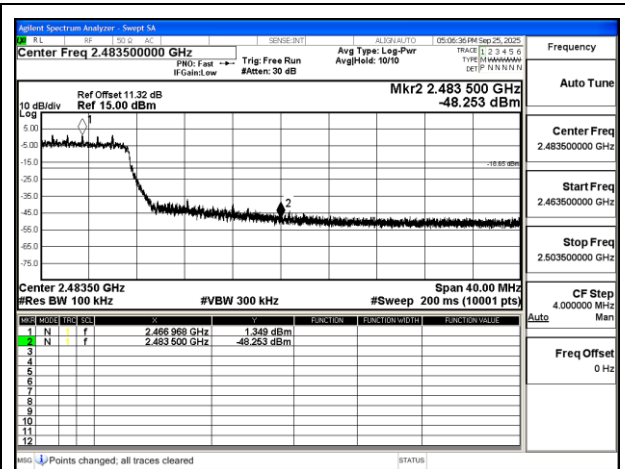




Test Mode: 802.11n HT20

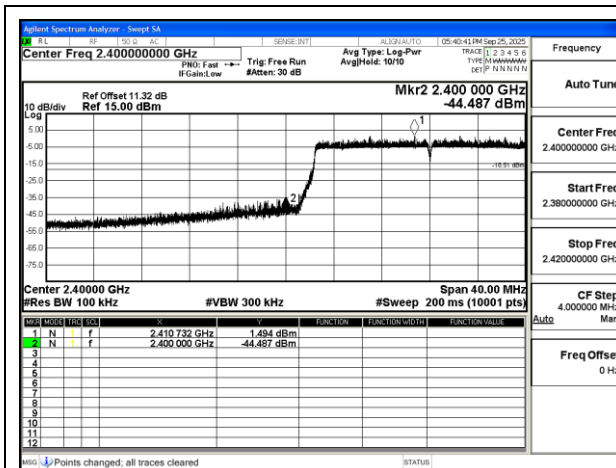


Mode:802.11n HT20 Frequency:2412MHz
Ant:Chain0

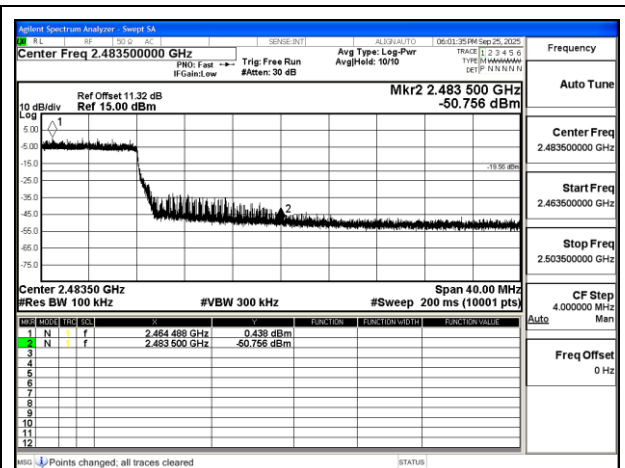


Mode:802.11n HT20 Frequency:2462MHz
Ant:Chain0

Test Mode: 802.11ax HE20



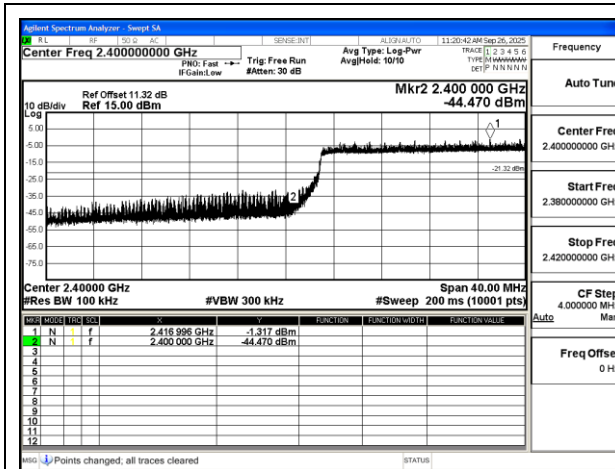
Mode:802.11ax HE20
Frequency:2412MHz Ant:Chain0



Mode:802.11ax HE20
Frequency:2462MHz Ant:Chain0

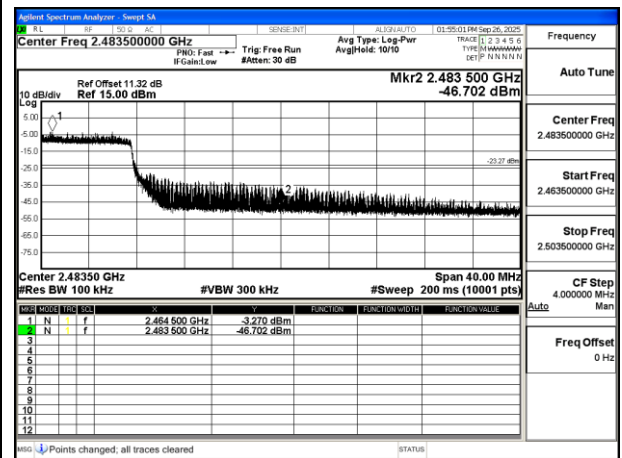


Test Mode: 802.11ax HE40



Mode:802.11ax HE40

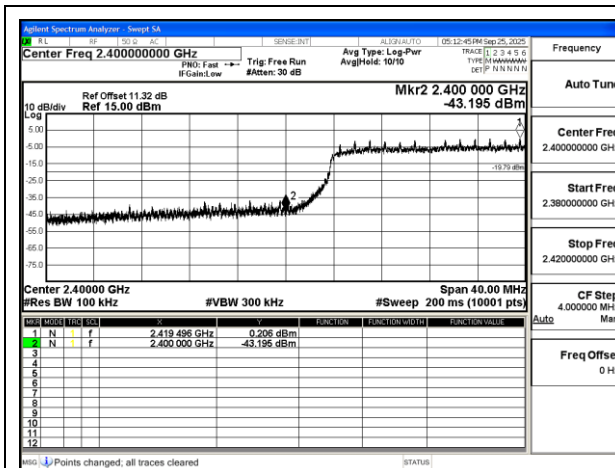
Frequency:2422MHz Ant:Chain0



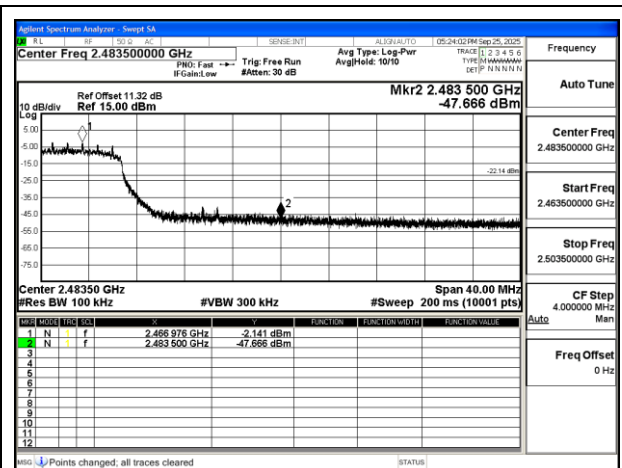
Mode:802.11ax HE40

Frequency:2452MHz Ant:Chain0

Test Mode: 802.11n HT40



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



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



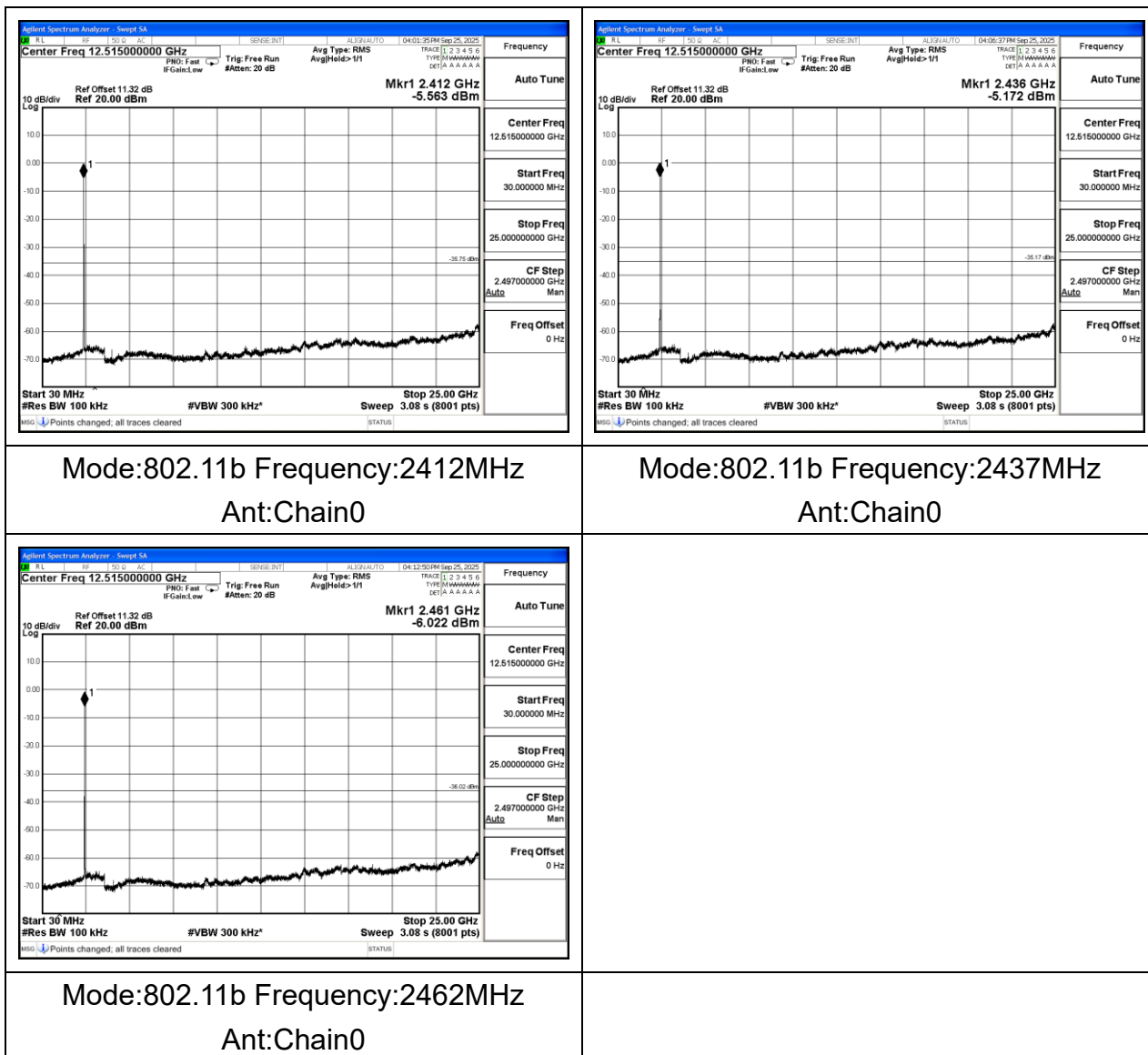
BUREAU
VERITAS

Test Report No.: PSU-NQN2510130109RF01

CONDUCTED SPURIOUS EMISSION

TEST GRAPHS

Test Mode: 802.11b





Test Mode: 802.11g

Mode:802.11g Frequency:2412MHz Ant:Chain0	Mode:802.11g Frequency:2437MHz Ant:Chain0
Mode:802.11g Frequency:2462MHz Ant:Chain0	

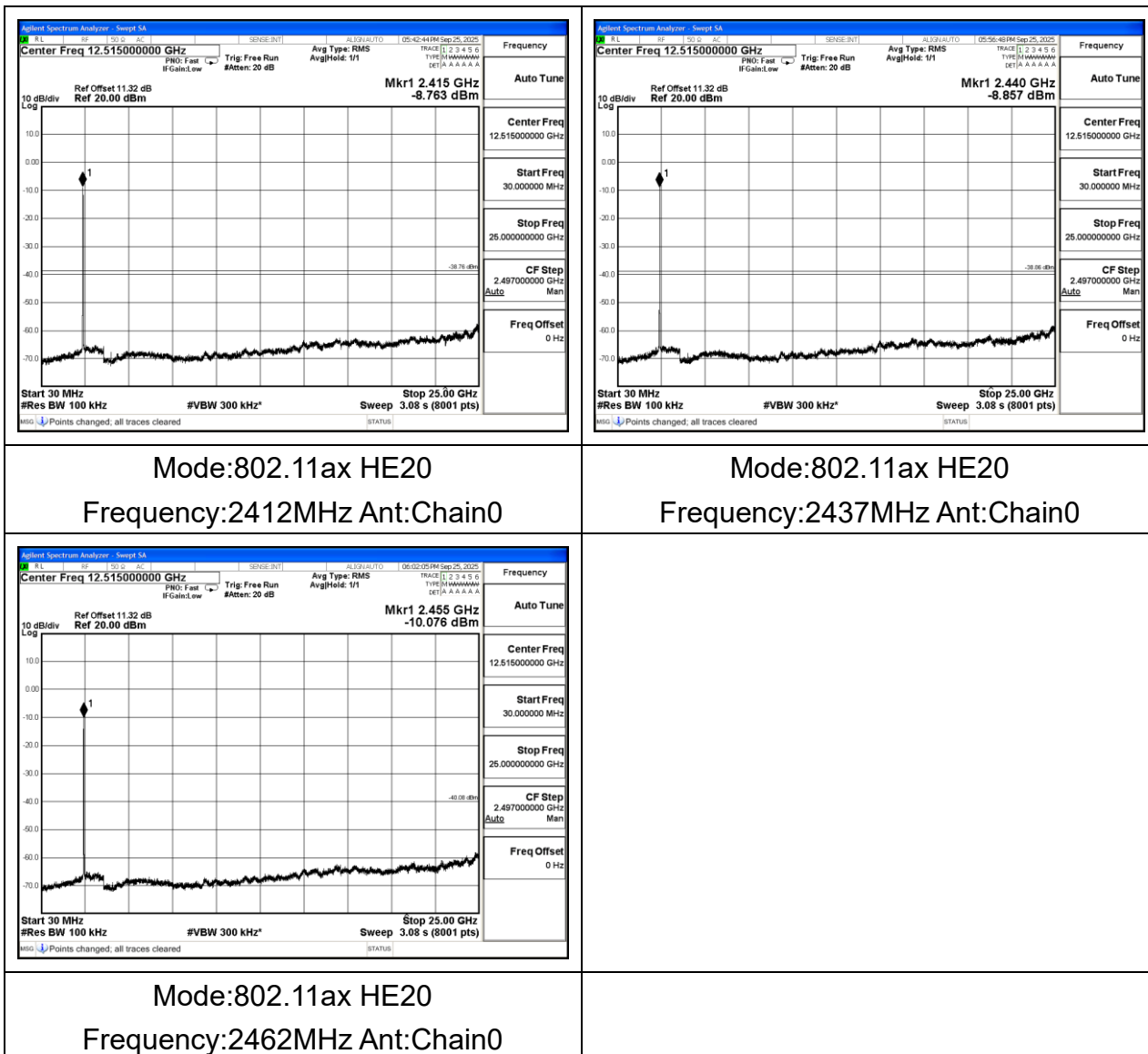


Test Mode: 802.11n HT20

Mode:802.11n HT20 Frequency:2412MHz Ant:Chain0	Mode:802.11n HT20 Frequency:2437MHz Ant:Chain0
Mode:802.11n HT20 Frequency:2462MHz Ant:Chain0	

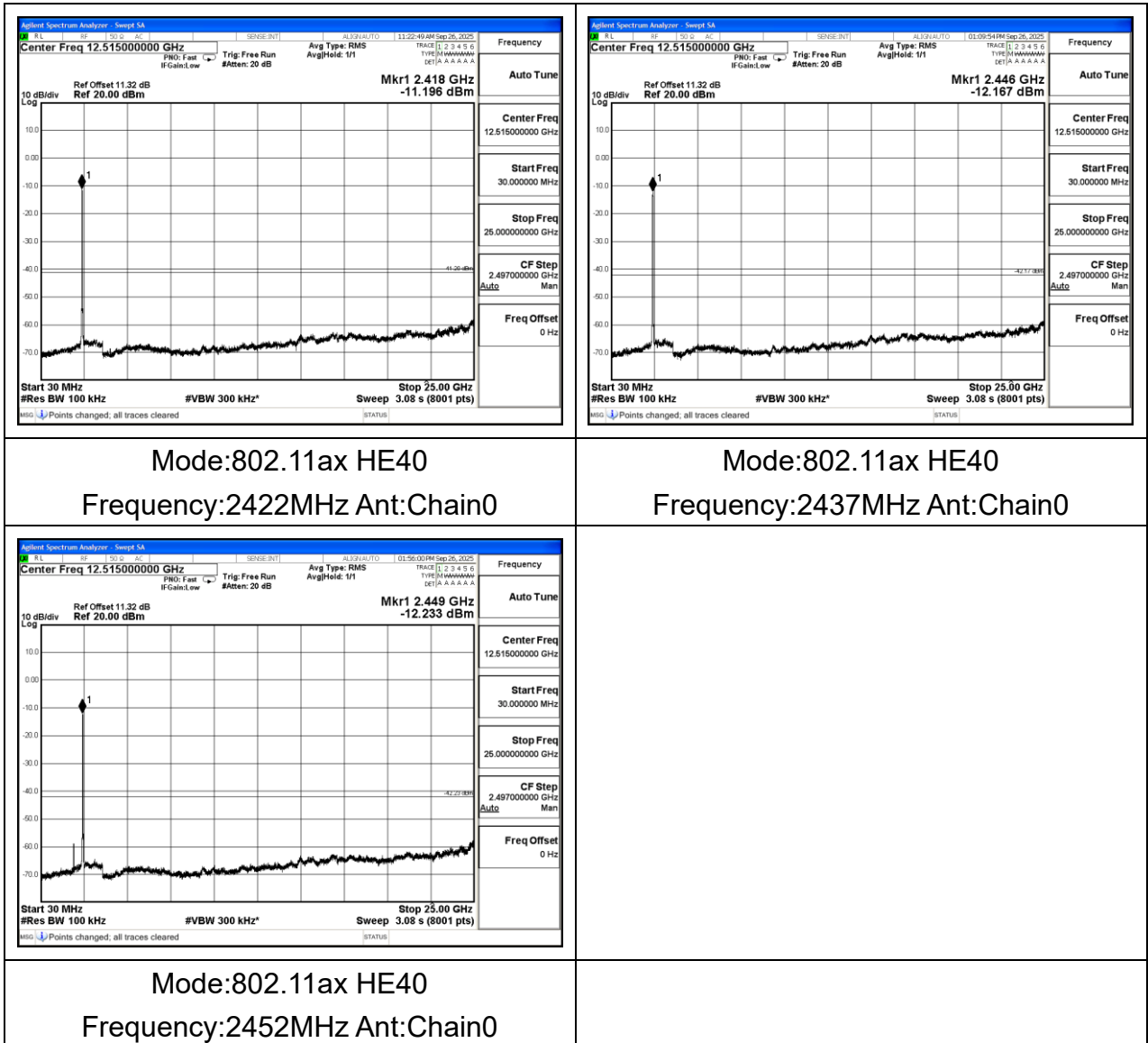


Test Mode: 802.11ax HE20





Test Mode: 802.11ax HE40





BUREAU VERITAS Test Report No.: PSU-NQN2510130109RF01

Test Mode: 802.11n HT40

