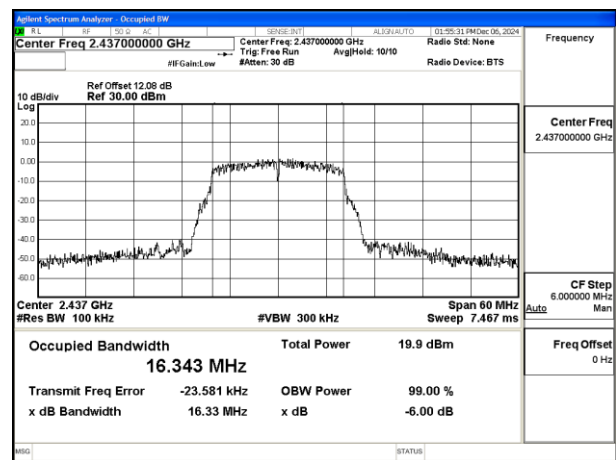
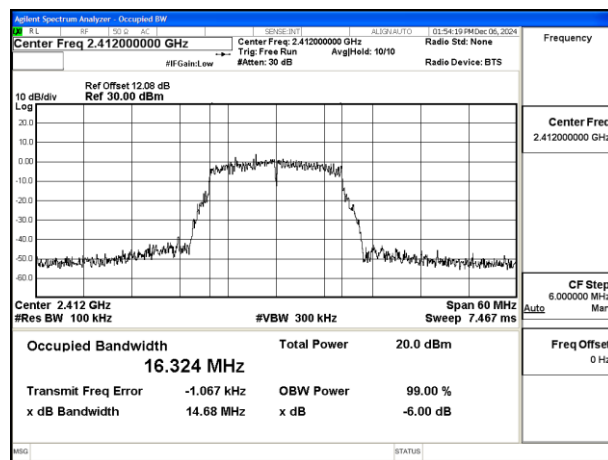


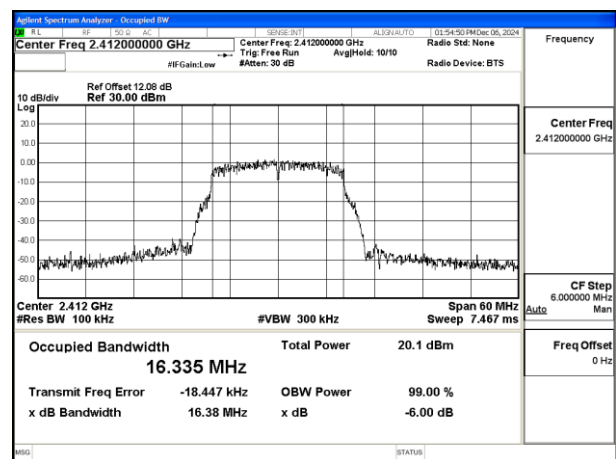
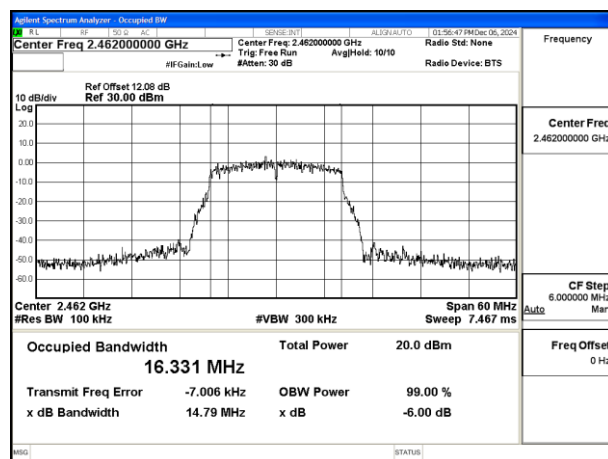


Test Mode: 802.11g



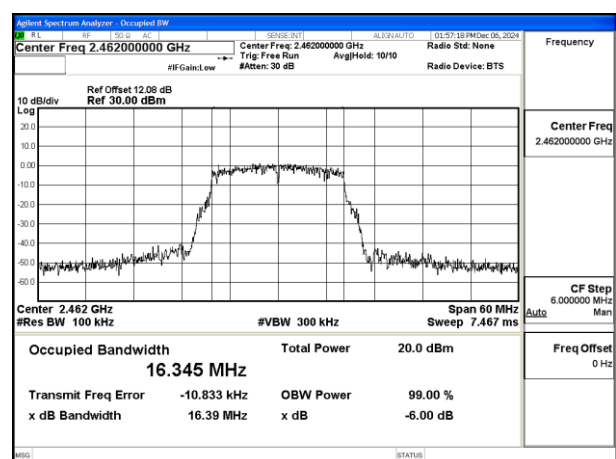
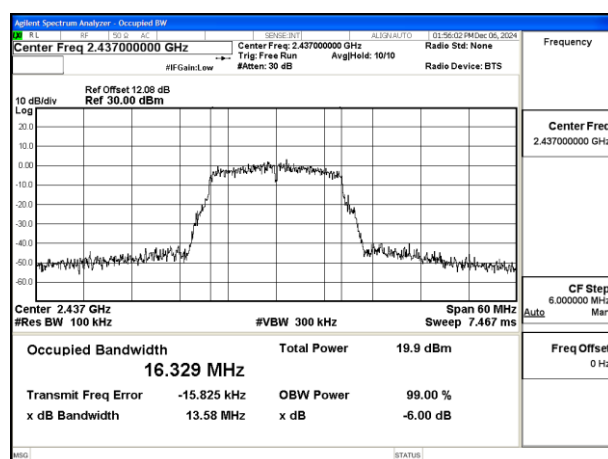
Mode:802.11g Frequency:2412MHz Ant:Chain0

Mode:802.11g Frequency:2437MHz Ant:Chain0



Mode:802.11g Frequency:2462MHz Ant:Chain0

Mode:802.11g Frequency:2412MHz Ant:Chain1



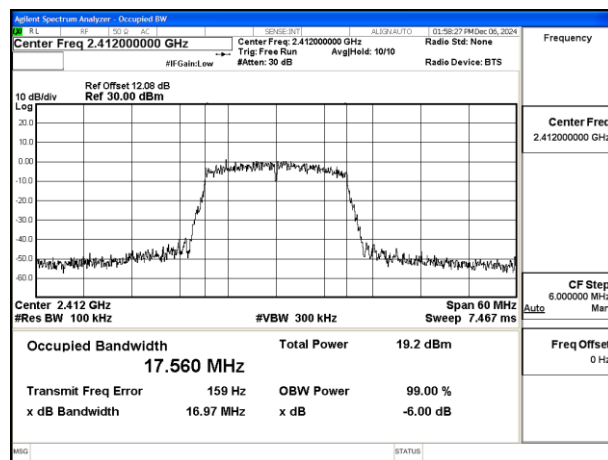
Mode:802.11g Frequency:2437MHz Ant:Chain1

Mode:802.11g Frequency:2462MHz Ant:Chain1



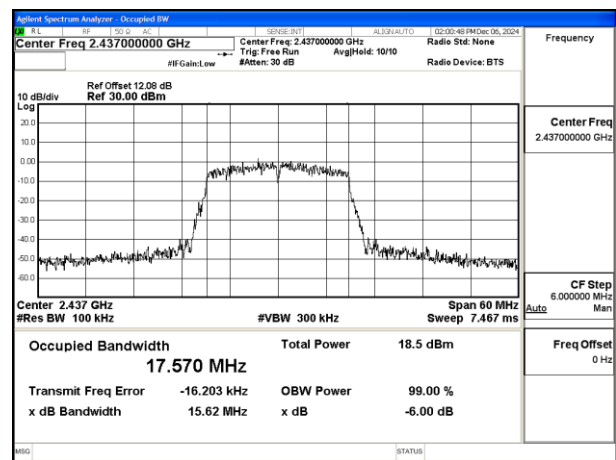
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Test Mode: 802.11n HT20



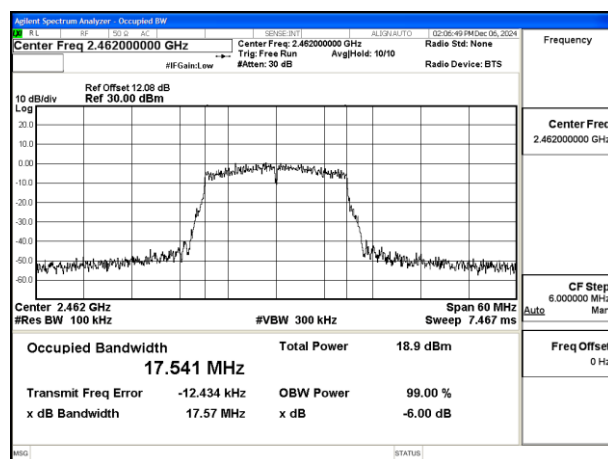
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain0



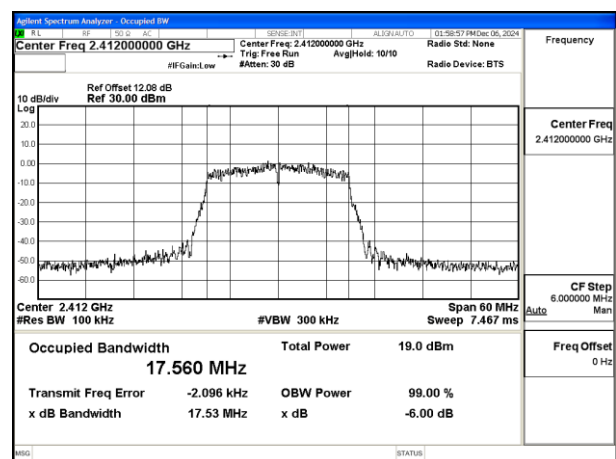
Mode:802.11n HT20 Frequency:2437MHz

Ant:Chain0



Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain0



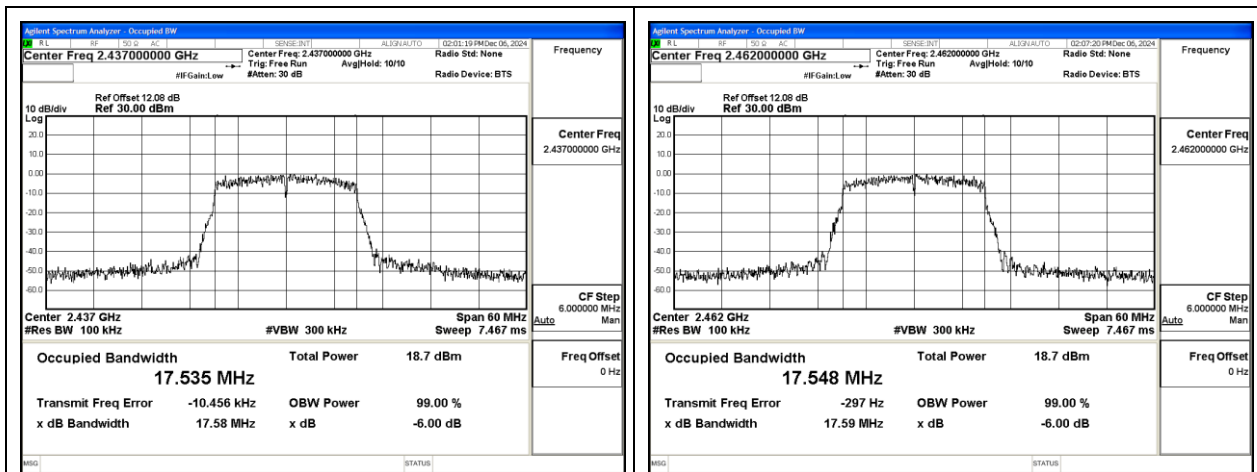
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain1



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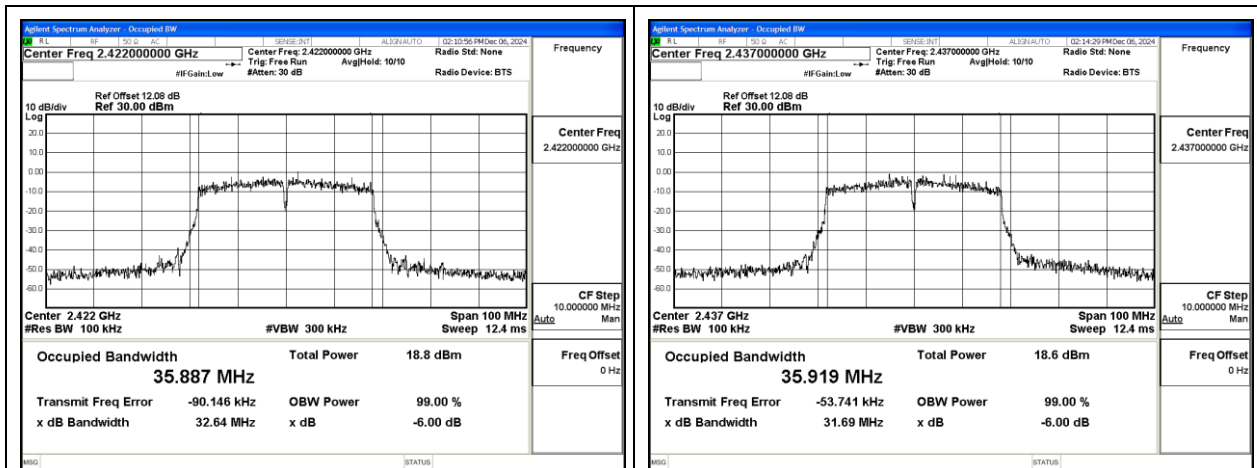
Mode:802.11n HT20 Frequency:2437MHz

Ant:Chain1

Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain1

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:2422MHz

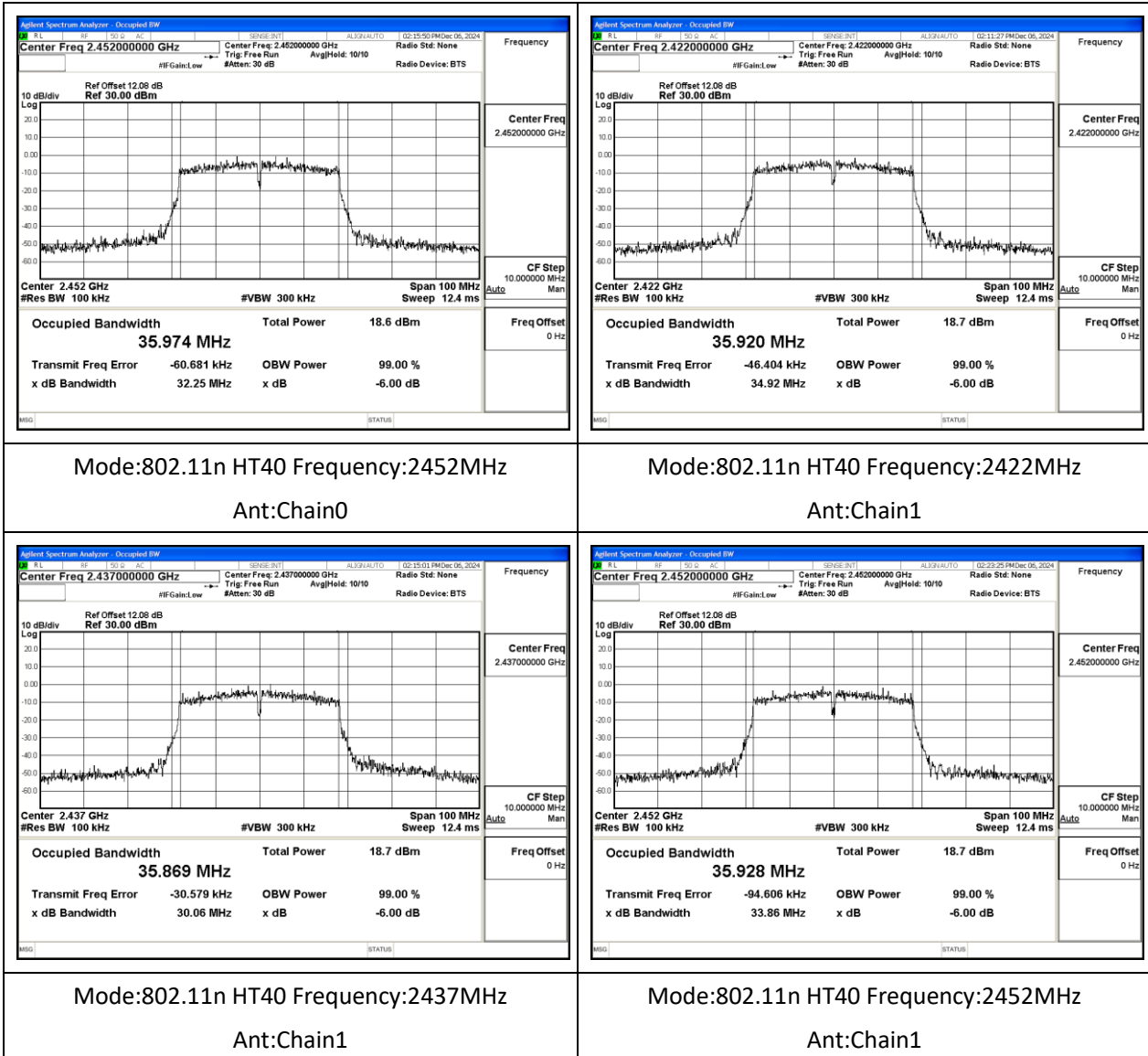
Ant:Chain0

Mode:802.11n HT40 Frequency:2437MHz

Ant:Chain0



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**OCCUPIED CHANNEL BANDWIDTH****TEST RESULT**

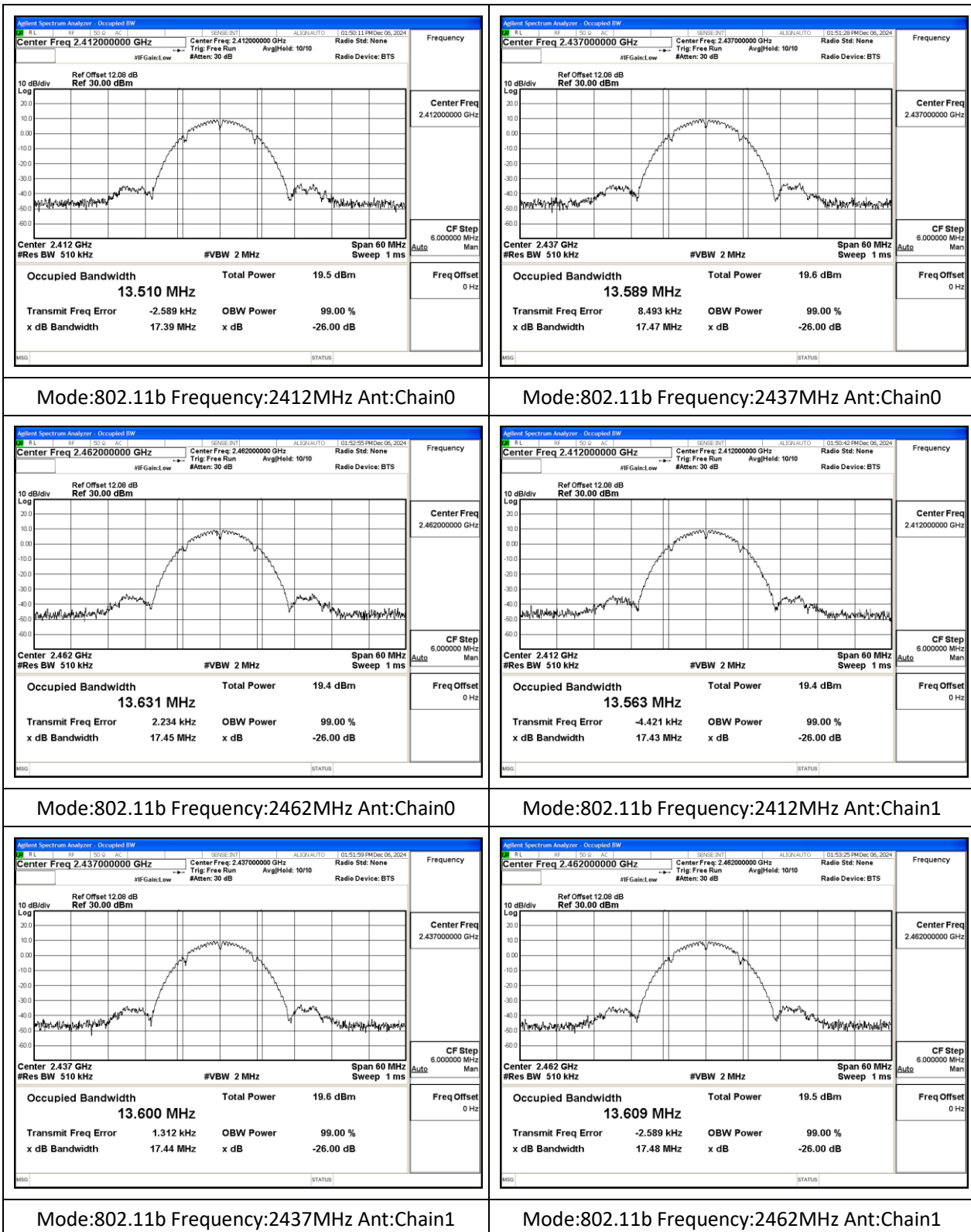
Test Mode	Antenna	99% bandwidth(MHz)		
		Channel No.1	Channel No.6	Channel No.11
		2412MHz	2437MHz	2462MHz
802.11b	Chain0	13.510	13.589	13.631
802.11b	Chain1	13.563	13.600	13.609
802.11g	Chain0	16.612	16.604	16.646
802.11g	Chain1	16.576	16.635	16.471
802.11n HT20	Chain0	17.656	17.652	17.721
802.11n HT20	Chain1	17.778	17.682	17.648

Test Mode	Antenna	99% bandwidth(MHz)		
		Channel No.3	Channel No.6	Channel No.9
		2422MHz	2437MHz	2452MHz
802.11n HT40	Chain0	35.964	35.915	35.947
802.11n HT40	Chain1	35.927	35.858	35.992



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TEST GRAPHS

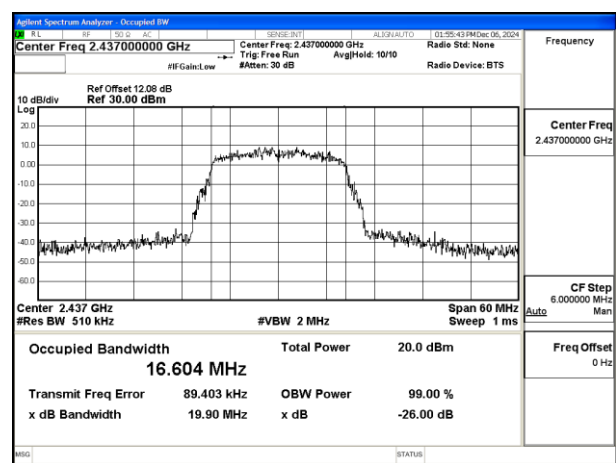
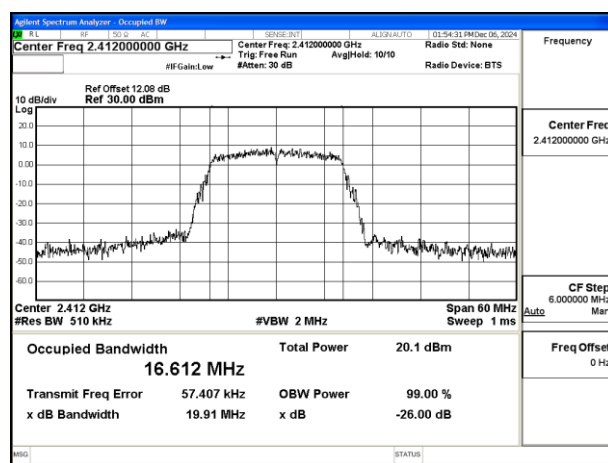
Test Mode: 802.11b





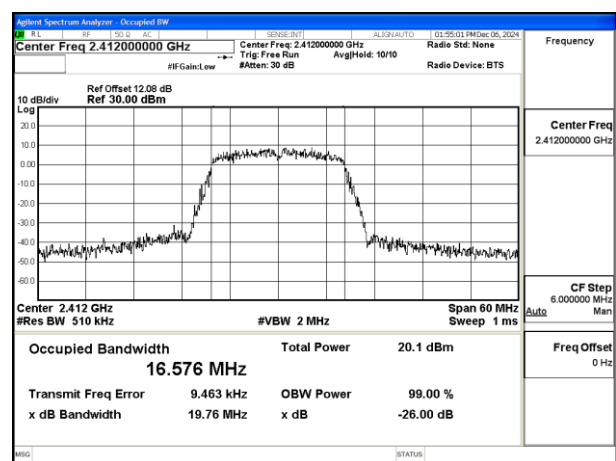
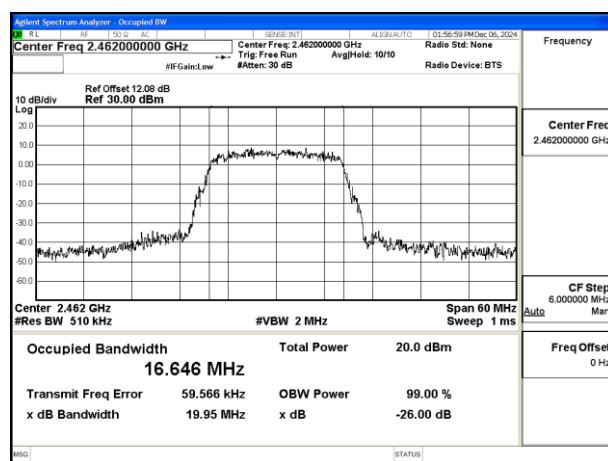
BUREAU VERITAS Test Report No.: PSU-NQN2412200117RF02

Test Mode: 802.11g



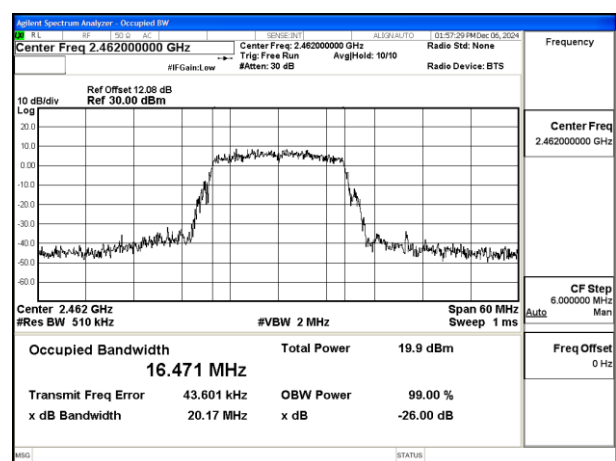
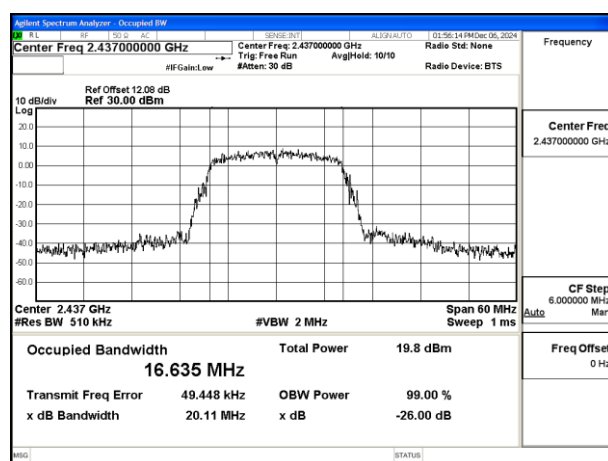
Mode:802.11g Frequency:2412MHz Ant:Chain0

Mode:802.11g Frequency:2437MHz Ant:Chain0



Mode:802.11g Frequency:2462MHz Ant:Chain0

Mode:802.11g Frequency:2412MHz Ant:Chain1



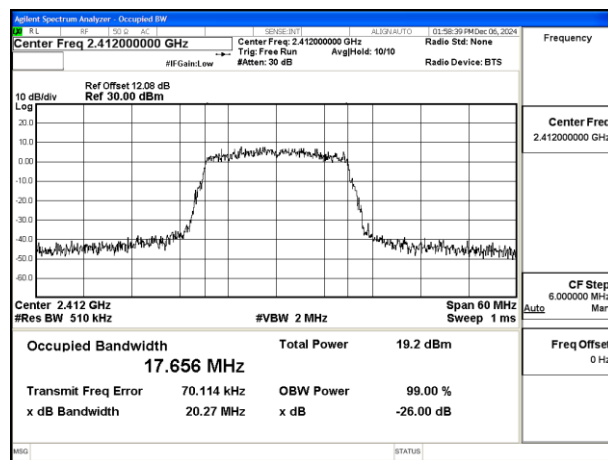
Mode:802.11g Frequency:2437MHz Ant:Chain1

Mode:802.11g Frequency:2462MHz Ant:Chain1



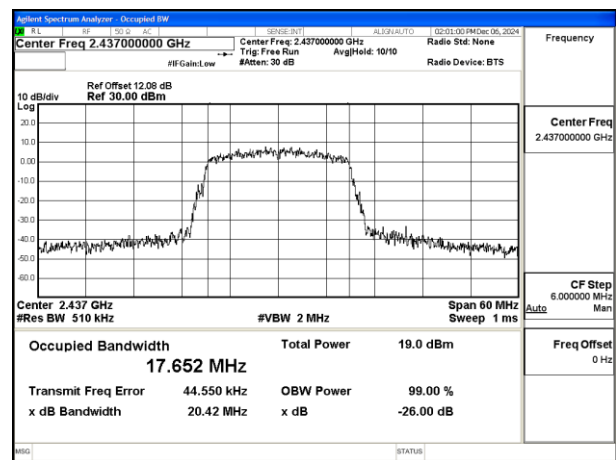
BUREAU VERITAS Test Report No.: PSU-NQN2412200117RF02

Test Mode: 802.11n HT20



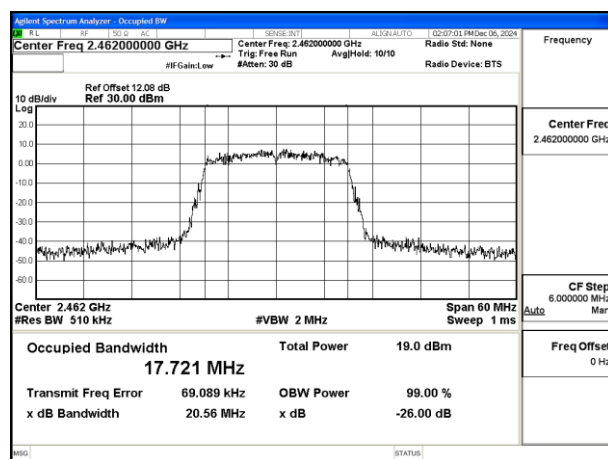
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain0



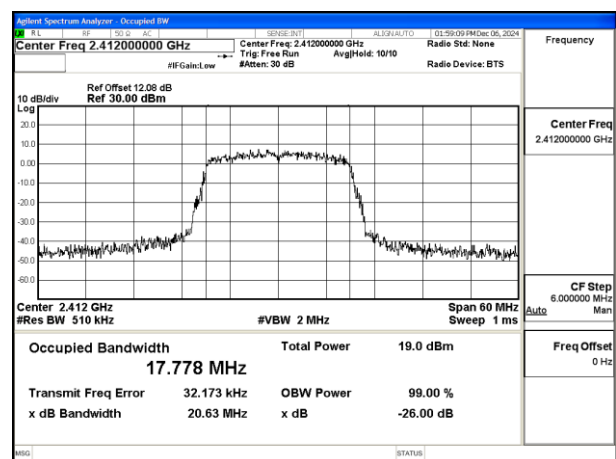
Mode:802.11n HT20 Frequency:2437MHz

Ant:Chain0



Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain0



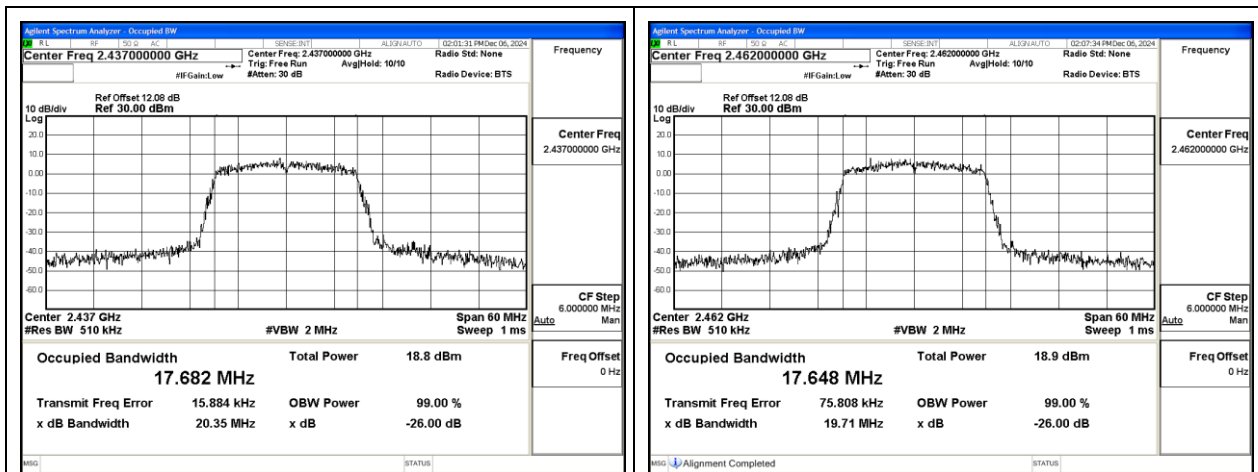
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain1



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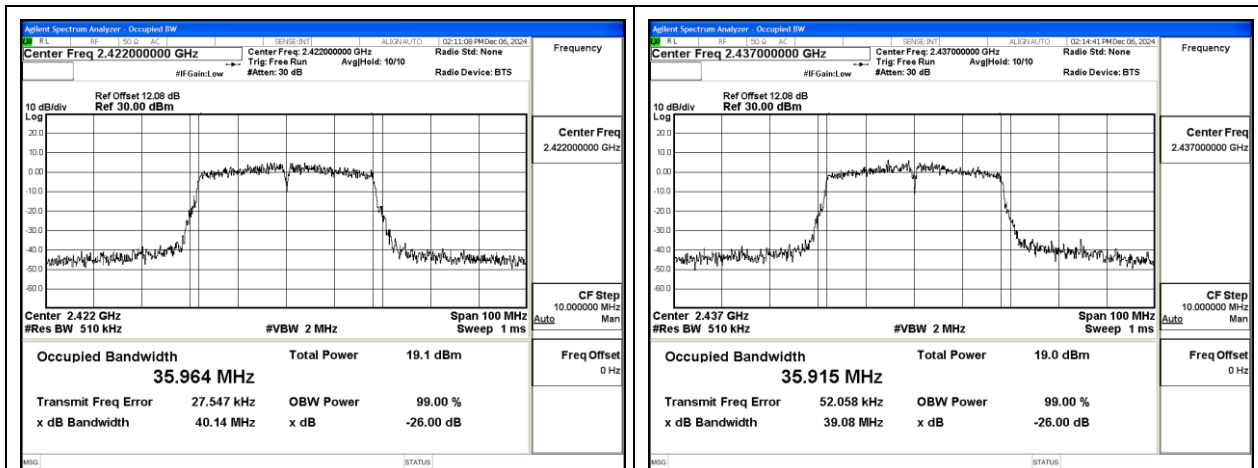
Mode:802.11n HT20 Frequency:2437MHz

Ant:Chain1

Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain1

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:2422MHz

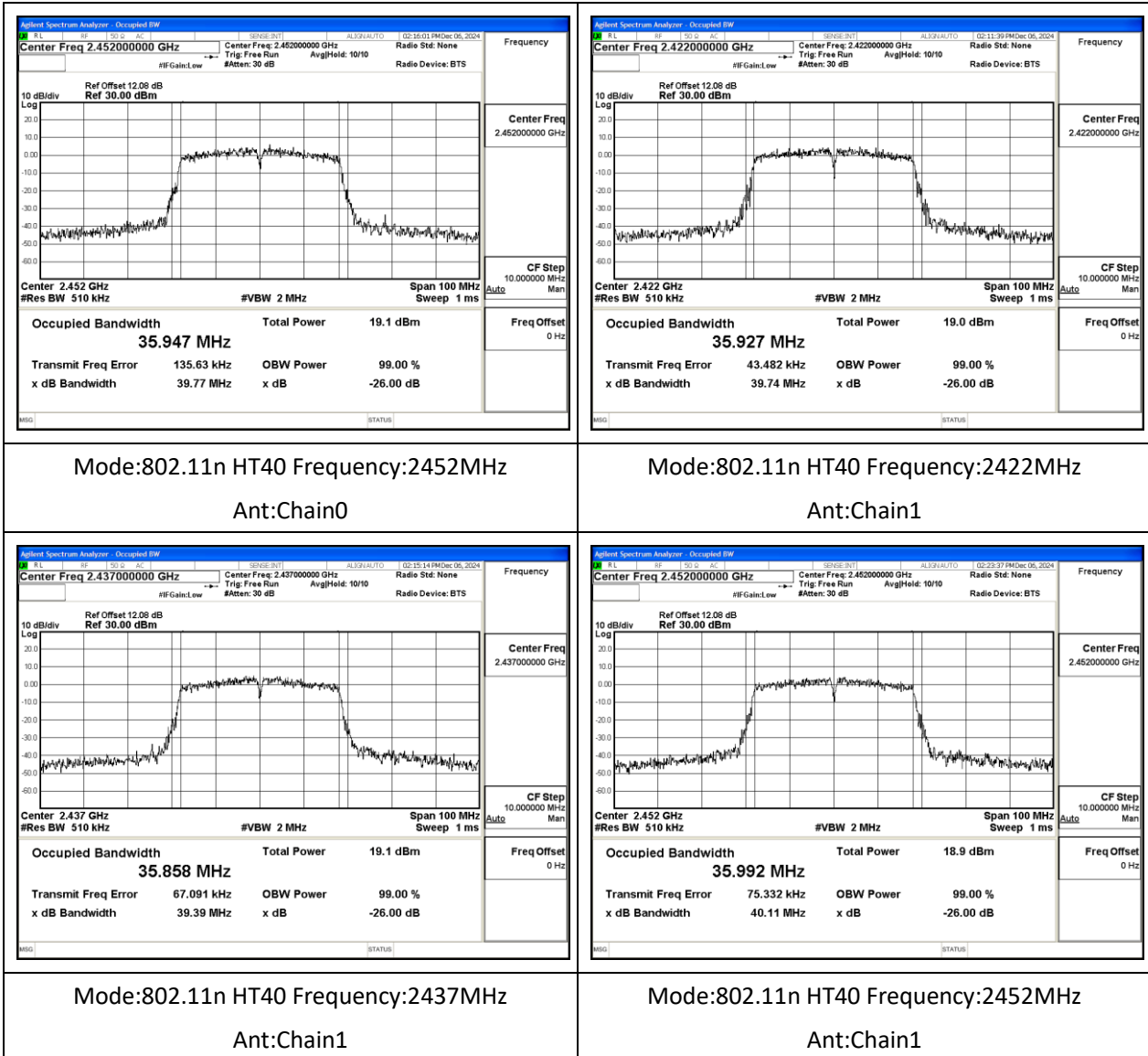
Ant:Chain0

Mode:802.11n HT40 Frequency:2437MHz

Ant:Chain0



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BUREAU VERITAS Test Report No.: PSU-NQN2412200117RF02

MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

NOTE: EIRP = Peak Power + Gain

Test Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Peak power output (dBm)	Average power output (dBm)	EIRP (dBm)
802.11b	NA	2412	Chain0	18.45	15.53	16.59
802.11b	NA	2412	Chain1	18.46	15.55	16.61
802.11b	NA	2437	Chain0	18.63	15.78	16.84
802.11b	NA	2437	Chain1	18.71	15.86	16.92
802.11b	NA	2462	Chain0	18.64	15.73	16.79
802.11b	NA	2462	Chain1	18.61	15.69	16.75
802.11g	NA	2412	Chain0	22.23	14.90	15.96
802.11g	NA	2412	Chain1	22.21	14.96	16.02
802.11g	NA	2437	Chain0	22.04	14.72	15.78
802.11g	NA	2437	Chain1	22.02	14.66	15.72
802.11g	NA	2462	Chain0	22.07	14.75	15.81
802.11g	NA	2462	Chain1	22.19	14.88	15.94
802.11n HT20	NA	2412	Chain0	21.61	14.31	15.37
802.11n HT20	NA	2412	Chain1	21.65	14.34	15.40
802.11n HT20	NA	2412	MIMO	24.64	17.34	18.40
802.11n HT20	NA	2437	Chain0	21.45	14.02	15.08
802.11n HT20	NA	2437	Chain1	21.47	14.04	15.10
802.11n HT20	NA	2437	MIMO	24.47	17.04	18.10
802.11n HT20	NA	2462	Chain0	21.44	14.12	15.18
802.11n HT20	NA	2462	Chain1	21.41	14.13	15.19
802.11n HT20	NA	2462	MIMO	24.44	17.14	18.20
802.11n HT40	NA	2422	Chain0	21.09	13.61	14.67
802.11n HT40	NA	2422	Chain1	21.15	13.69	14.75
802.11n HT40	NA	2422	MIMO	24.13	16.66	17.72
802.11n HT40	NA	2437	Chain0	21.10	13.57	14.63
802.11n HT40	NA	2437	Chain1	21.11	13.56	14.62
802.11n HT40	NA	2437	MIMO	24.12	16.58	17.64



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802.11n HT40	NA	2452	Chain0	21.21	13.70	14.76
802.11n HT40	NA	2452	Chain1	21.26	13.77	14.83
802.11n HT40	NA	2452	MIMO	24.25	16.75	17.81

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	-8.737	-9.350	-9.567
802.11b	Chain1	NA	-8.891	-9.723	-8.963
802.11g	Chain0	NA	-12.404	-11.613	-12.501
802.11g	Chain1	NA	-11.136	-11.788	-12.381
802.11n HT20	Chain0	NA	-13.706	-13.443	-12.607
802.11n HT20	Chain1	NA	-12.329	-12.847	-12.526
802.11n HT20	MIMO	NA	-9.953	-10.124	-9.556

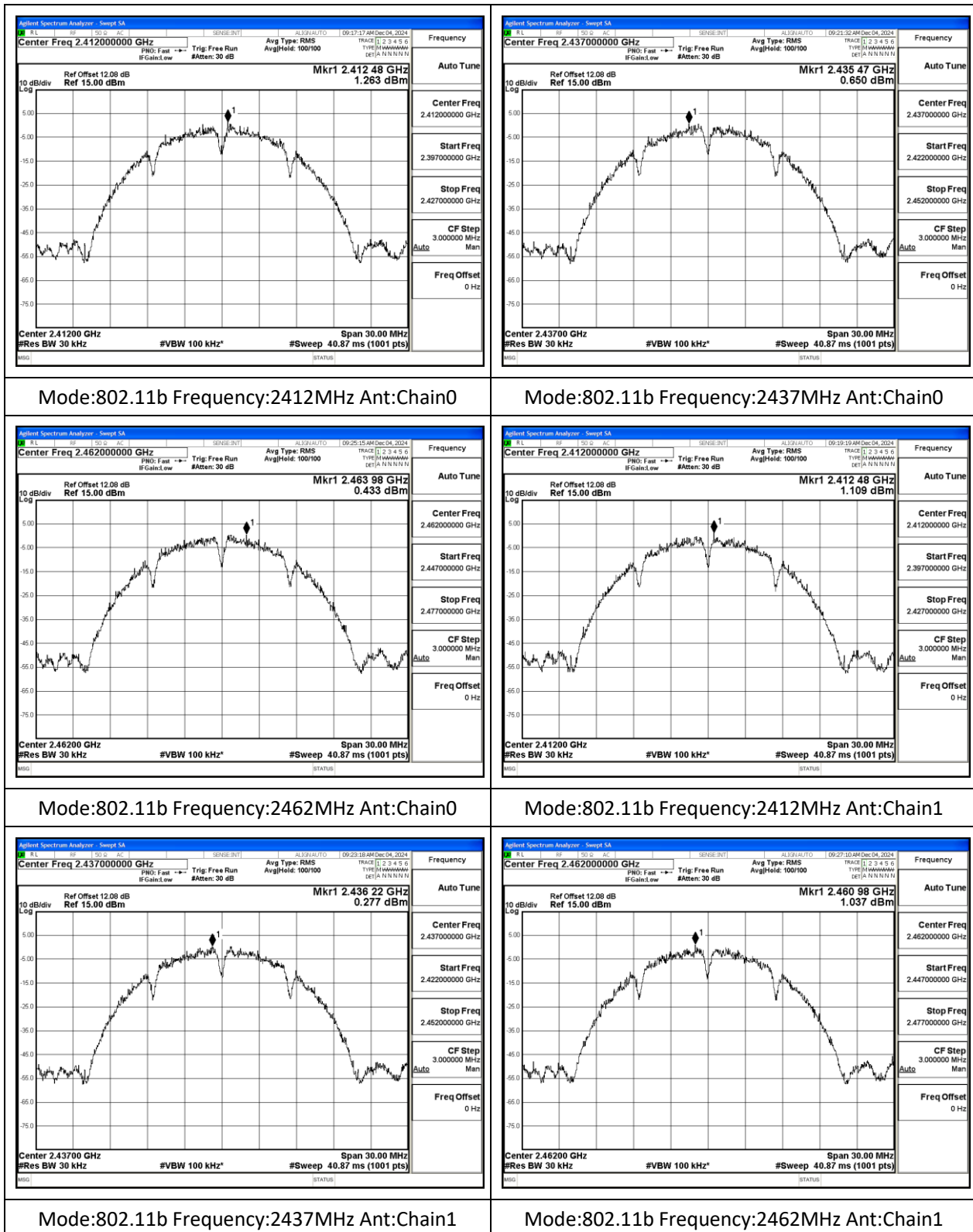
Test Mode	Antenna	Tones	Power Density(dBm/3KHz)		
			Channel No.3	Channel No.6	Channel No.9
			2422MHz	2437MHz	2452MHz
802.11n HT40	Chain0	NA	-17.705	-18.253	-18.681
802.11n HT40	Chain1	NA	-17.663	-17.706	-16.822
802.11n HT40	MIMO	NA	-14.674	-14.961	-14.642



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TEST GRAPHS

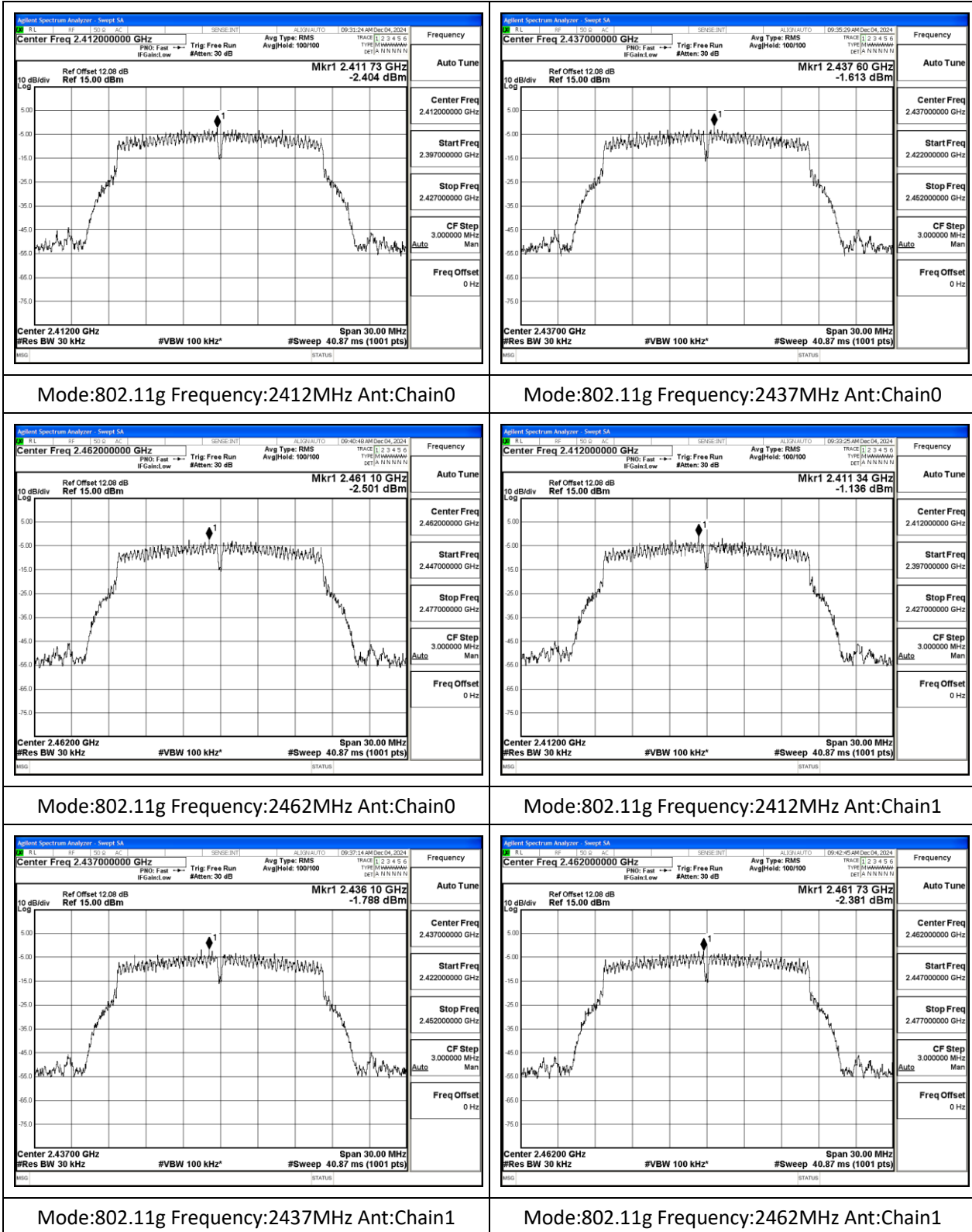
Test Mode: 802.11b





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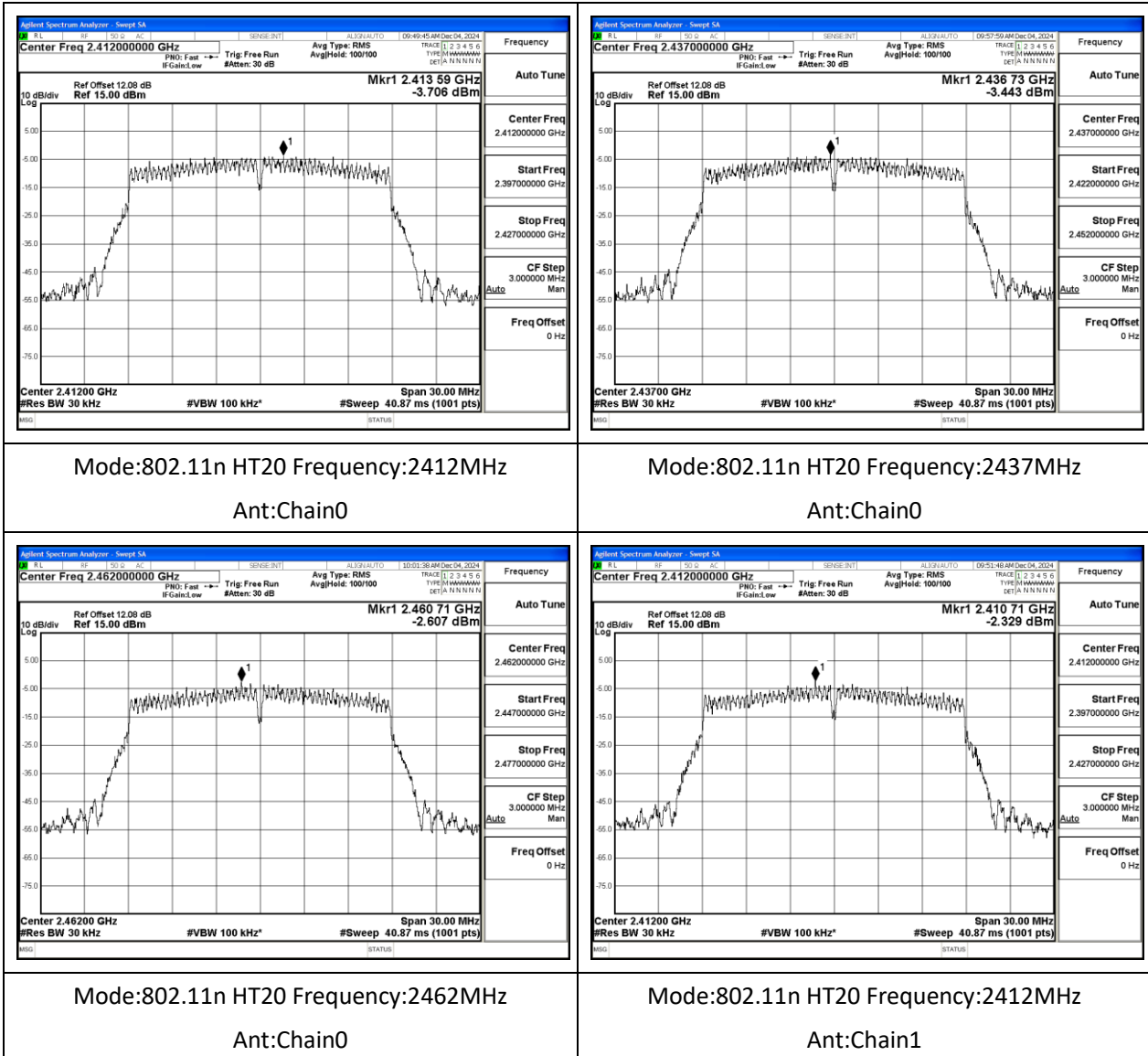
Test Mode: 802.11g



Test Mode: 802.11n HT20



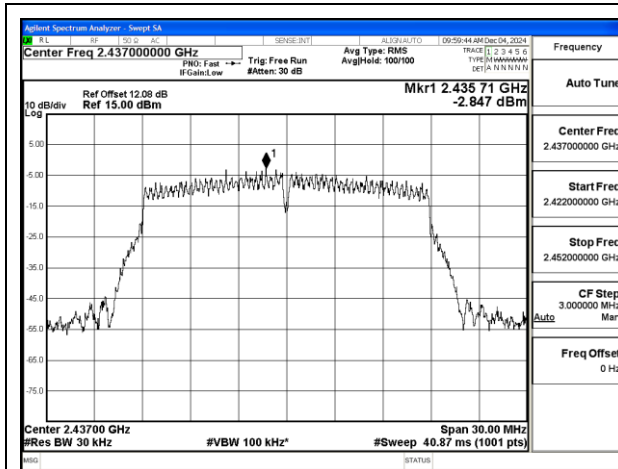
BUREAU VERITAS Test Report No.: PSU-NQN2412200117RF02





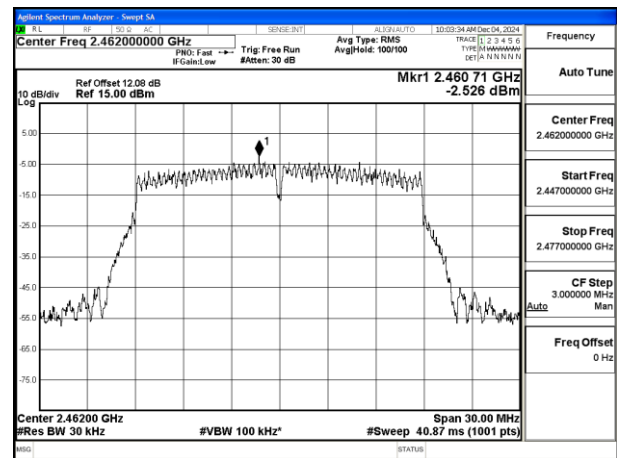
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Test Report No.: PSU-NQN2412200117RF02



Mode:802.11n HT20 Frequency:2437MHz

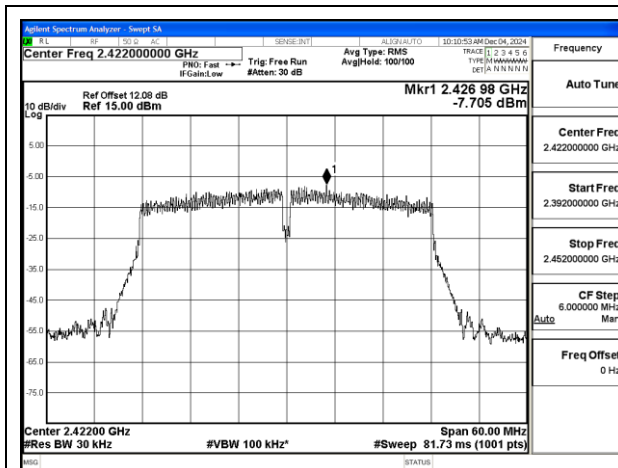
Ant:Chain1



Mode:802.11n HT20 Frequency:2462MHz

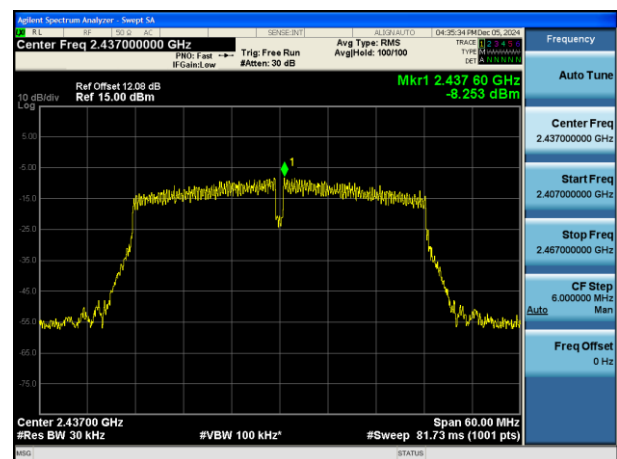
Ant:Chain1

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:2422MHz

Ant:Chain0

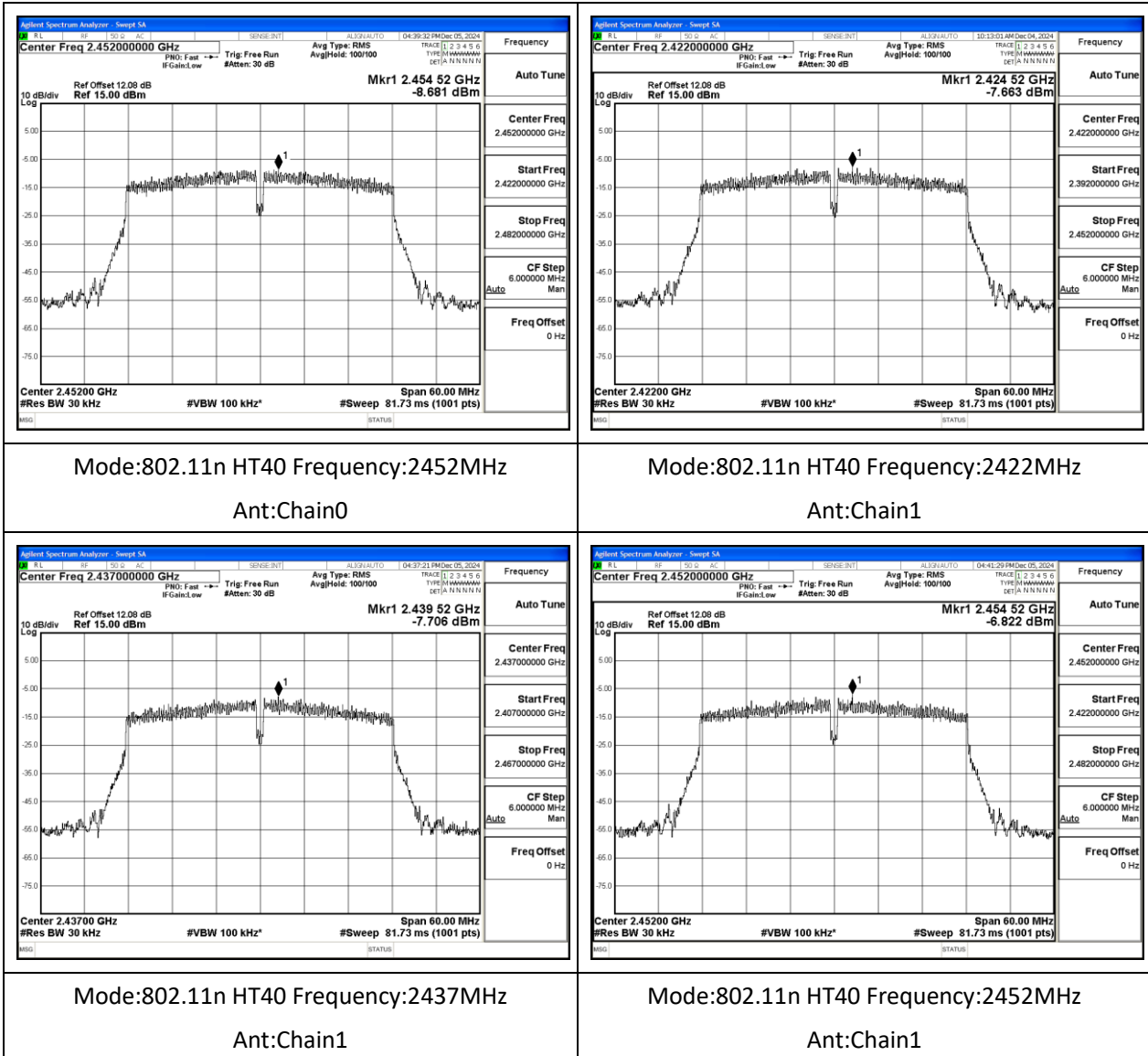


Mode:802.11n HT40 Frequency:2437MHz

Ant:Chain0



BUREAU VERITAS Test Report No.: PSU-NQN2412200117RF02



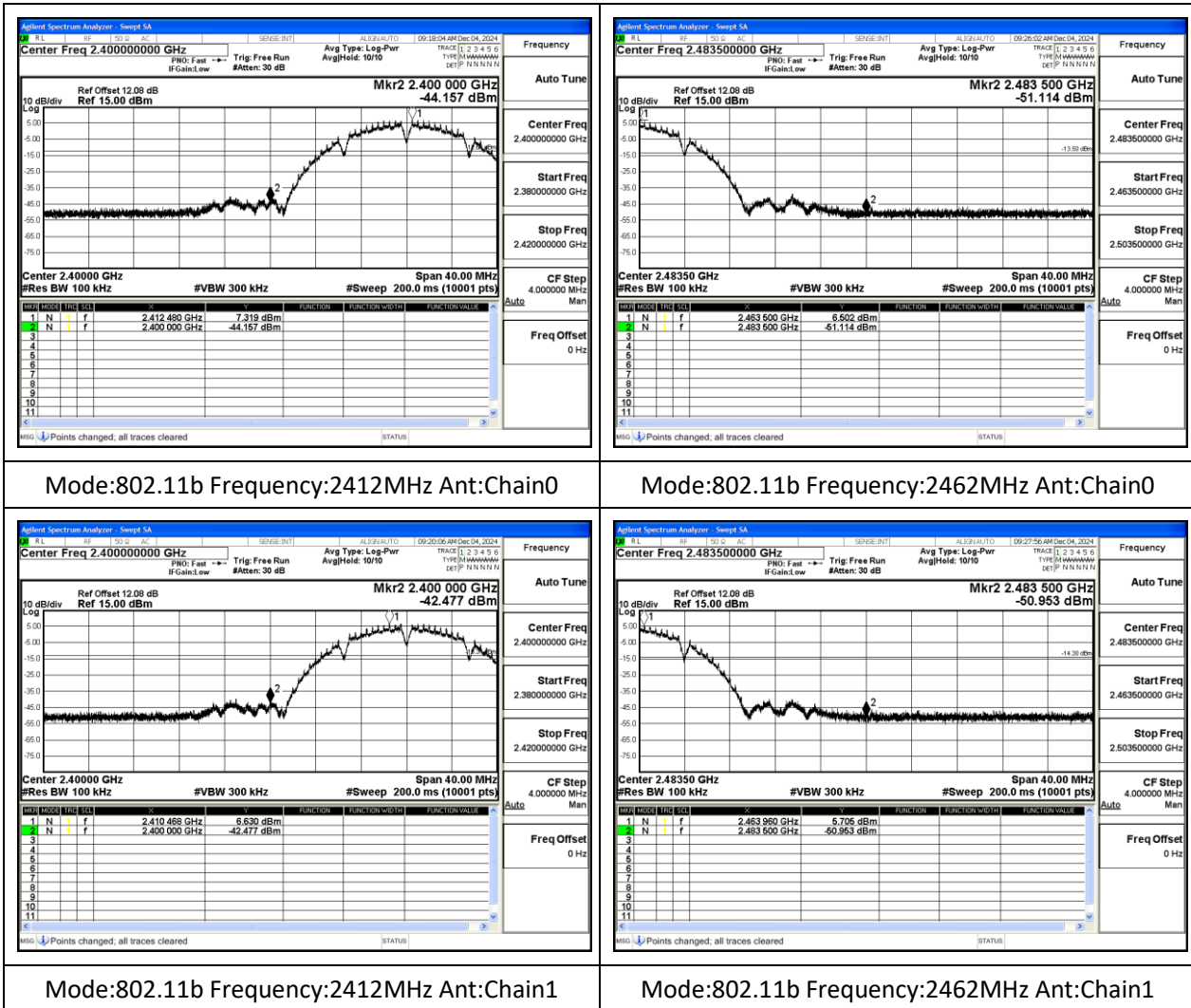


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BAND EDGE MEASUREMENTS

TEST GRAPHS

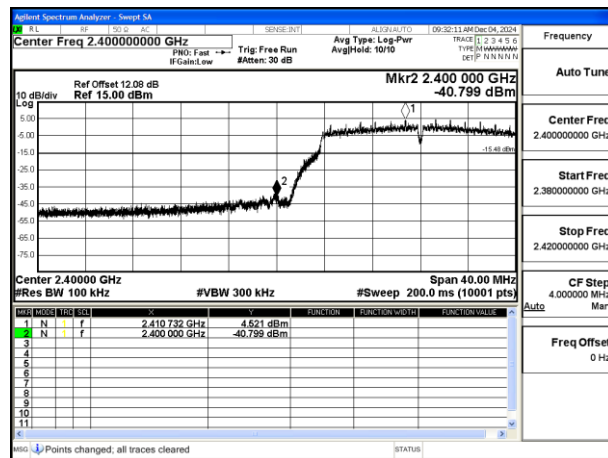
Test Mode: 802.11b



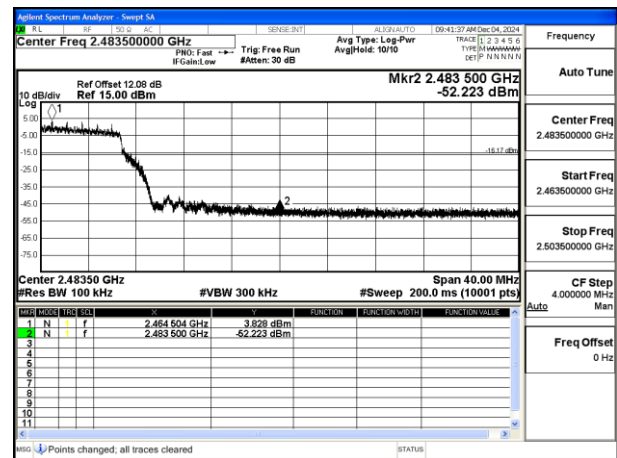


BUREAU VERITAS Test Report No.: PSU-NQN2412200117RF02

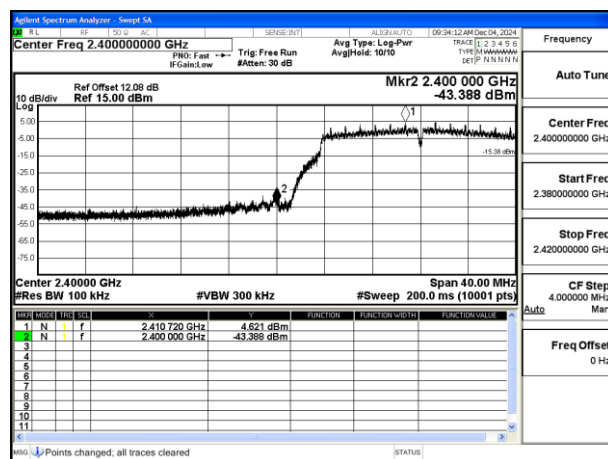
Test Mode: 802.11g



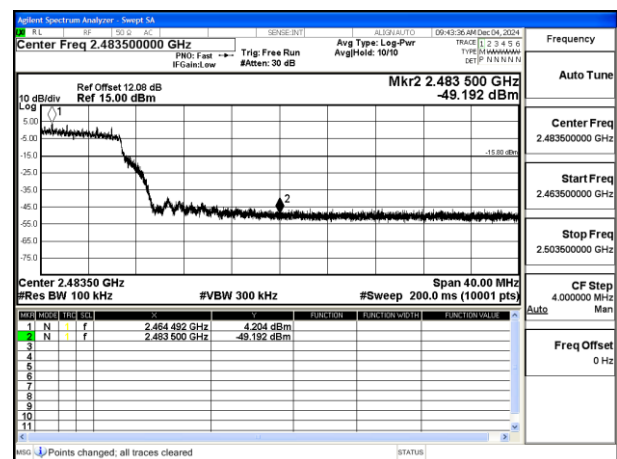
Mode:802.11g Frequency:2412MHz Ant:Chain0



Mode:802.11g Frequency:2462MHz Ant:Chain0



Mode:802.11g Frequency:2412MHz Ant:Chain1

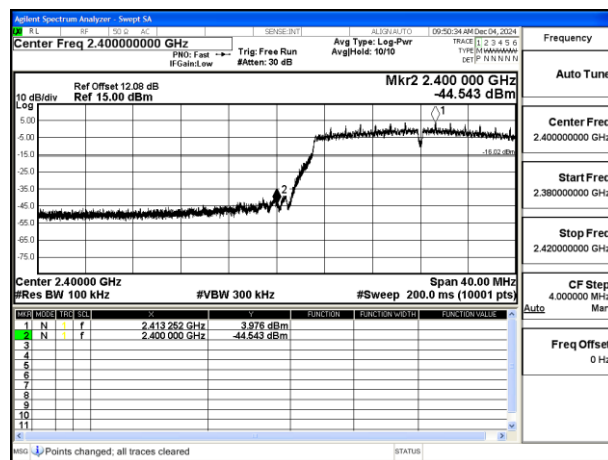


Mode:802.11g Frequency:2462MHz Ant:Chain1



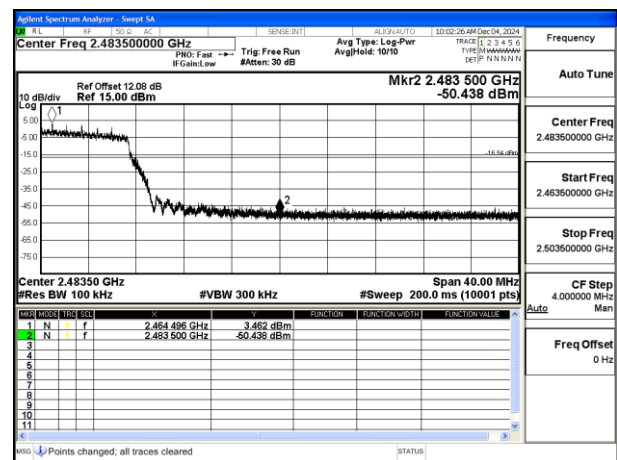
BUREAU VERITAS Test Report No.: PSU-NQN2412200117RF02

Test Mode: 802.11n HT20



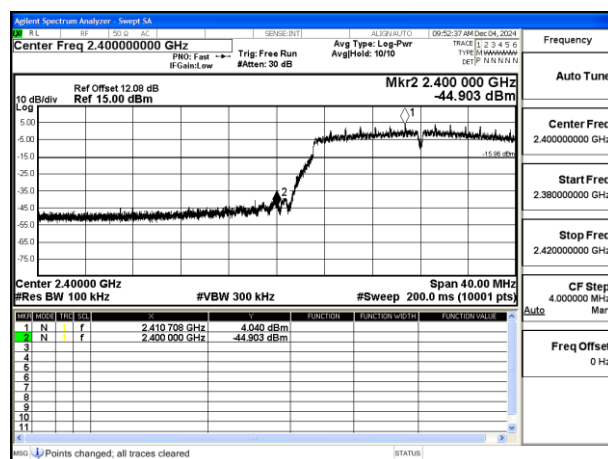
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain0



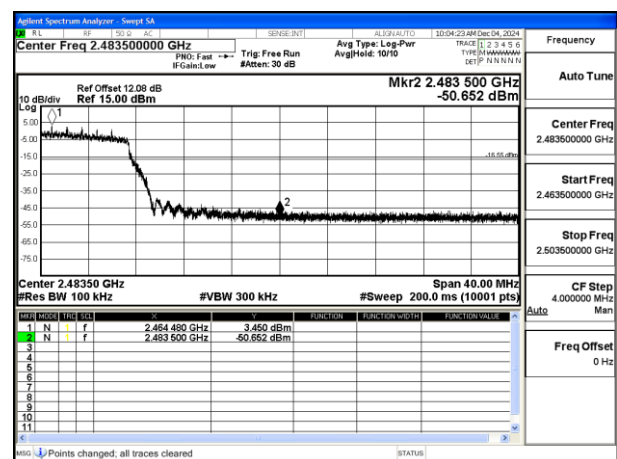
Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain0



Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain1



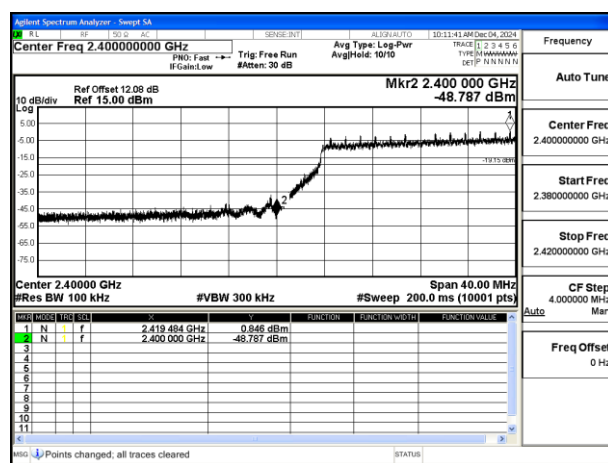
Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain1



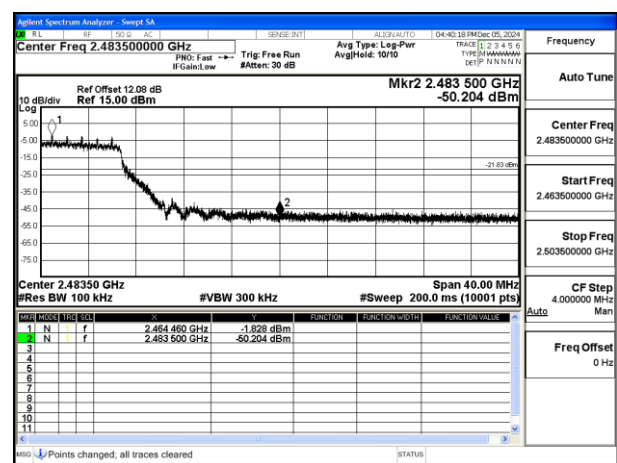
BUREAU VERITAS Test Report No.: PSU-NQN2412200117RF02

Test Mode: 802.11n HT40



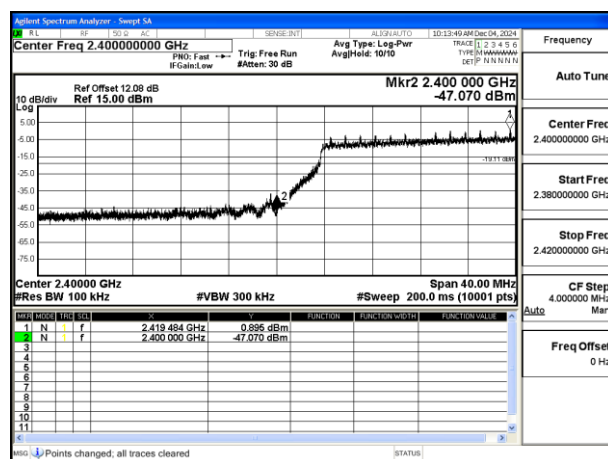
Mode:802.11n HT40 Frequency:2422MHz

Ant:Chain0



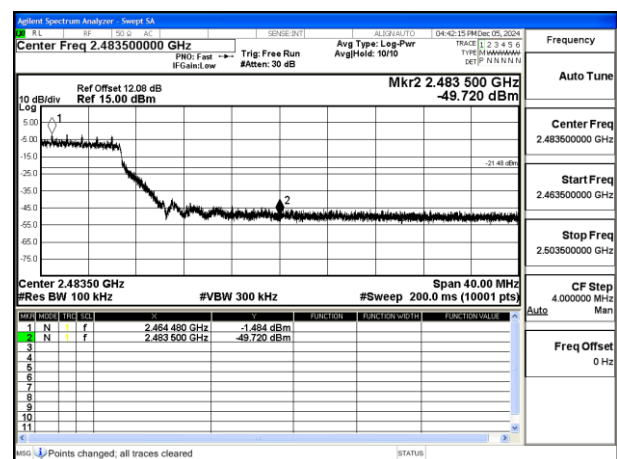
Mode:802.11n HT40 Frequency:2452MHz

Ant:Chain0



Mode:802.11n HT40 Frequency:2422MHz

Ant:Chain1



Mode:802.11n HT40 Frequency:2452MHz

Ant:Chain1

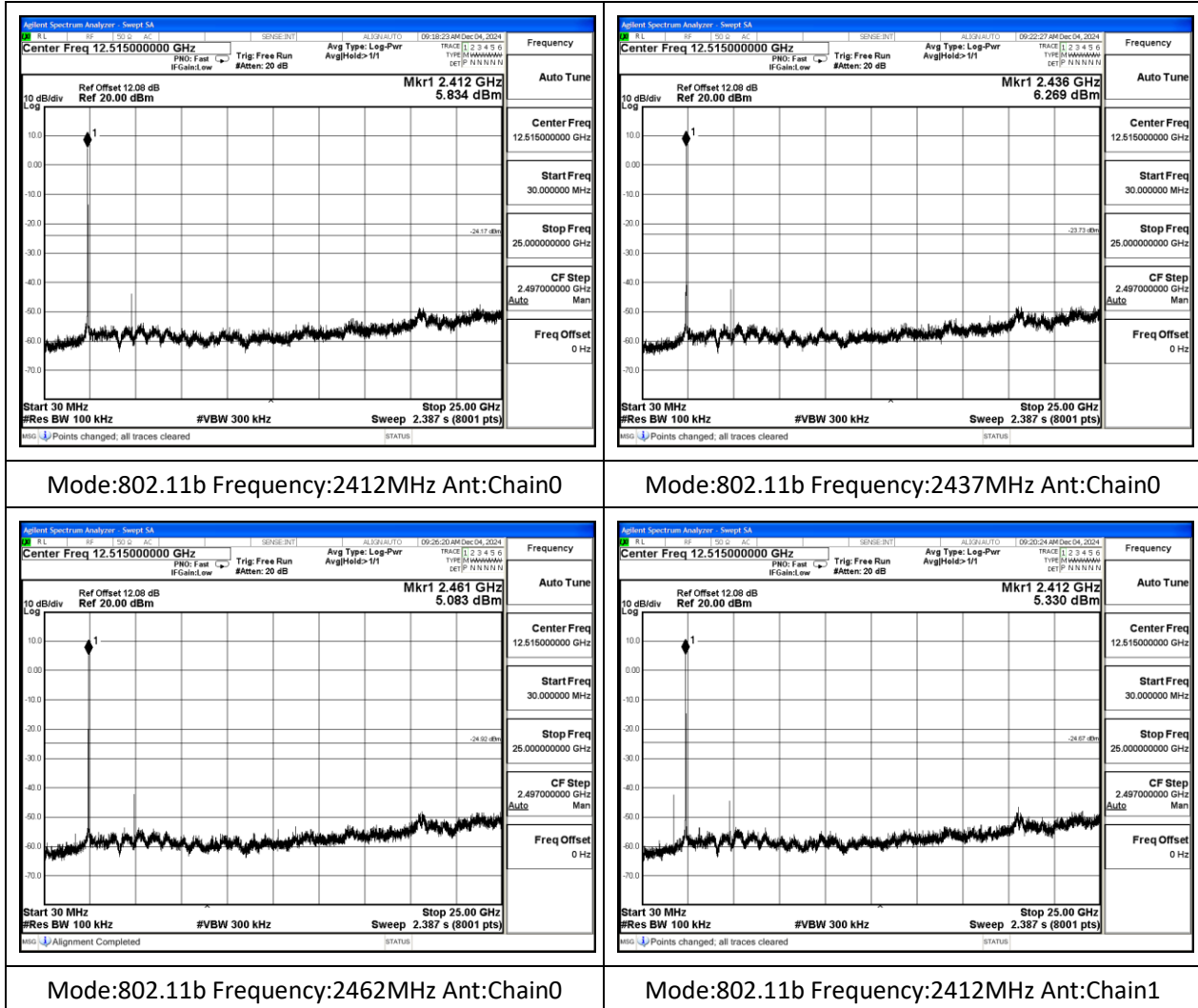


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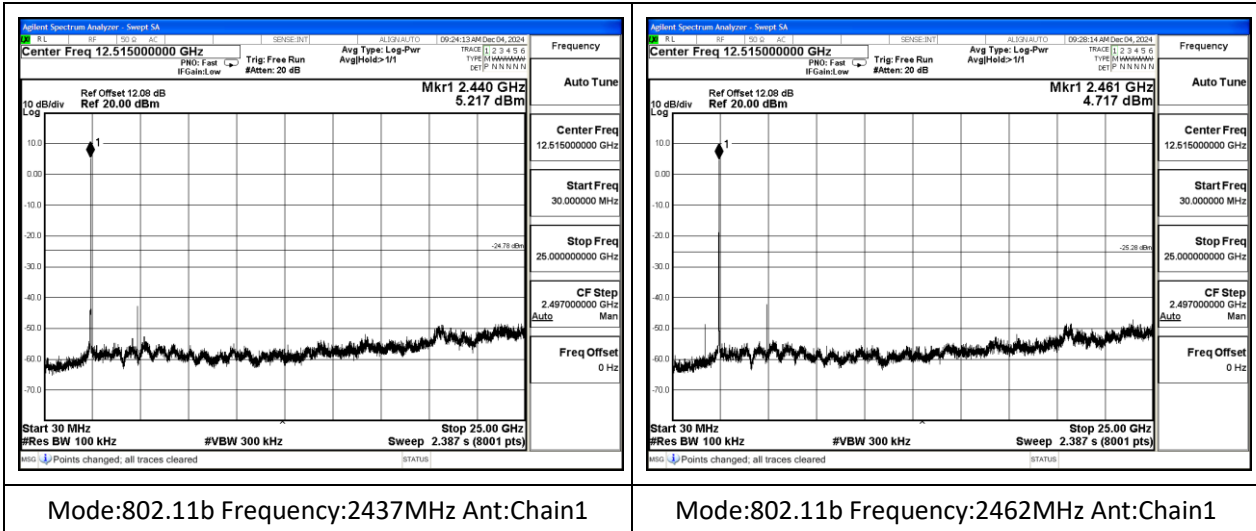
CONDUCTED SPURIOUS EMISSION TEST GRAPHS

Test Mode: 802.11b

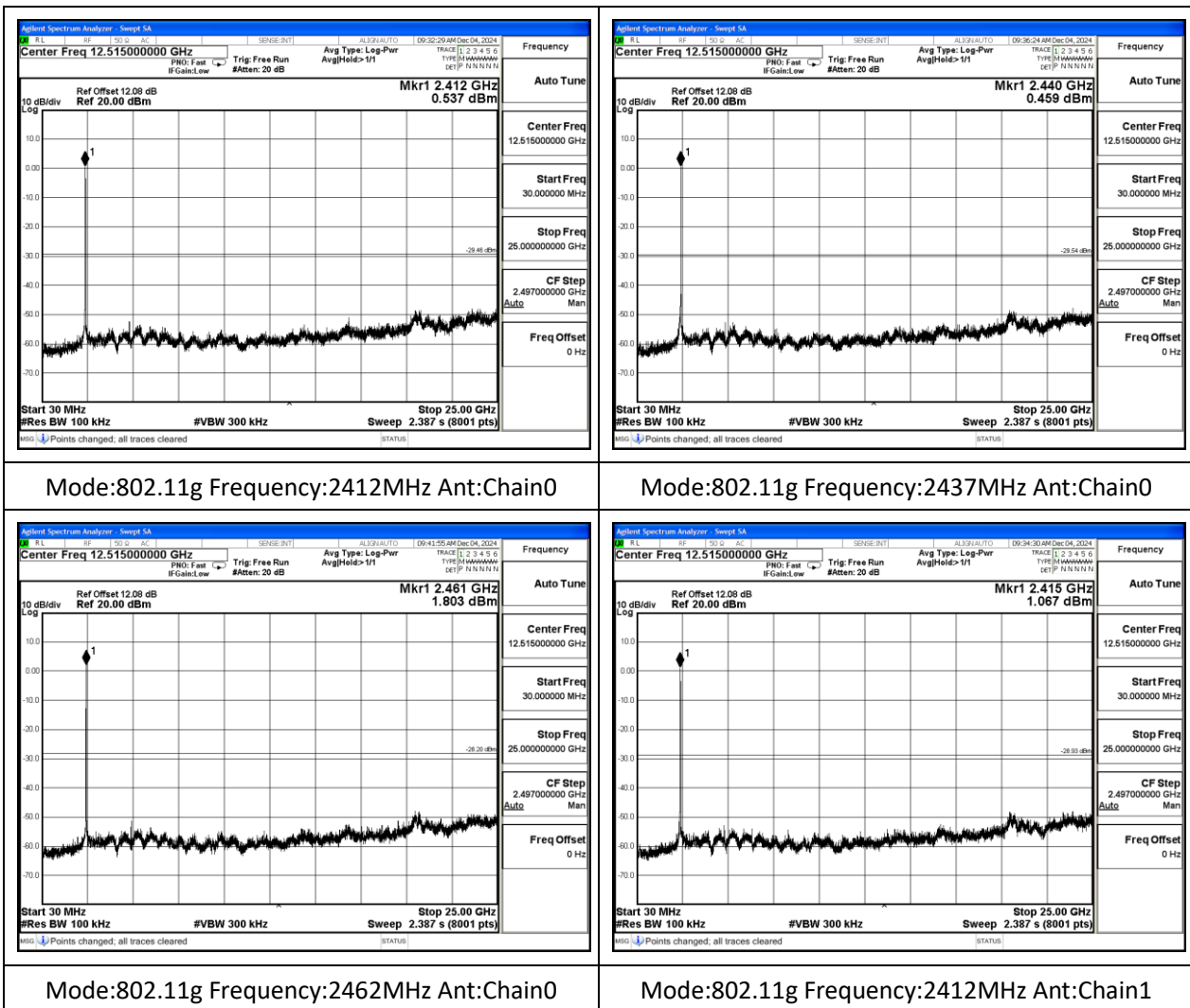




BUREAU VERITAS Test Report No.: PSU-NQN2412200117RF02



Test Mode: 802.11g



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com