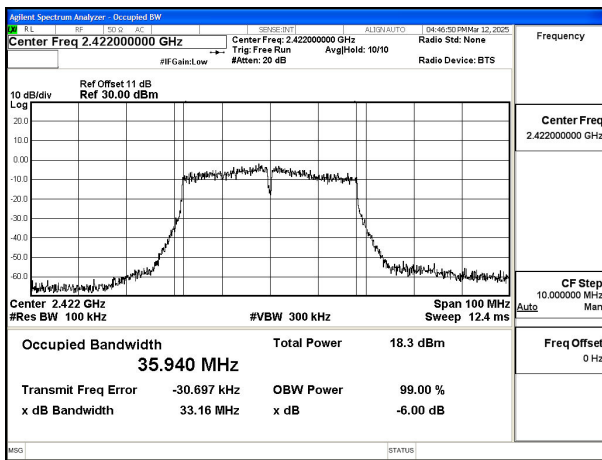




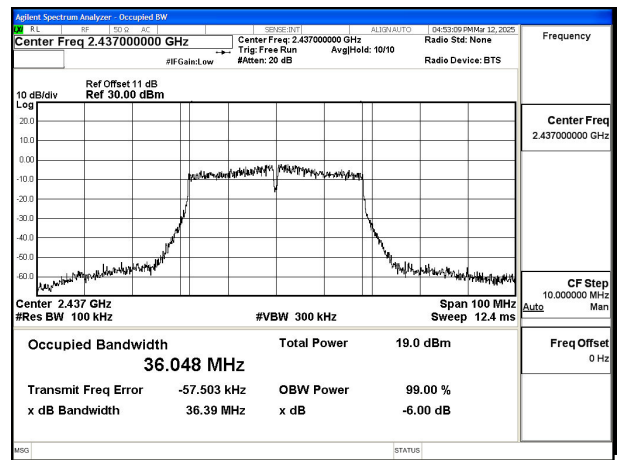
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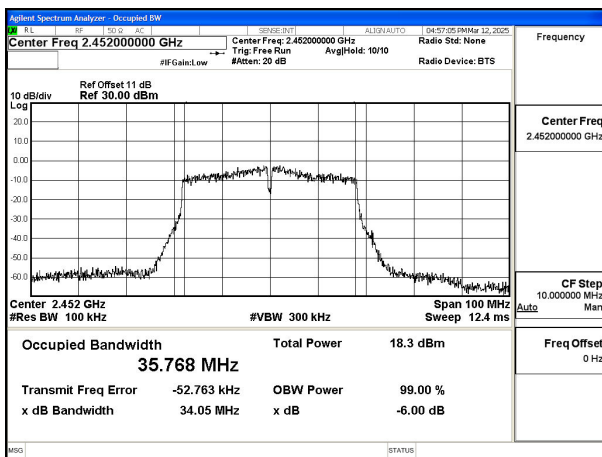
Test Mode: 802.11n HT40



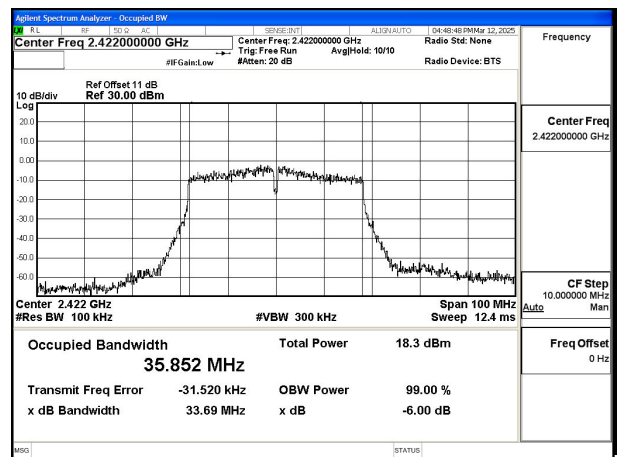
Mode:802.11n HT40 Frequency:2422MHz Ant:Chain0



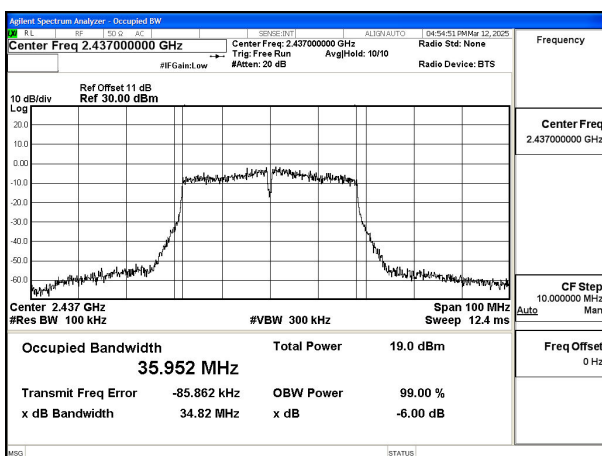
Mode:802.11n HT40 Frequency:2437MHz Ant:Chain0



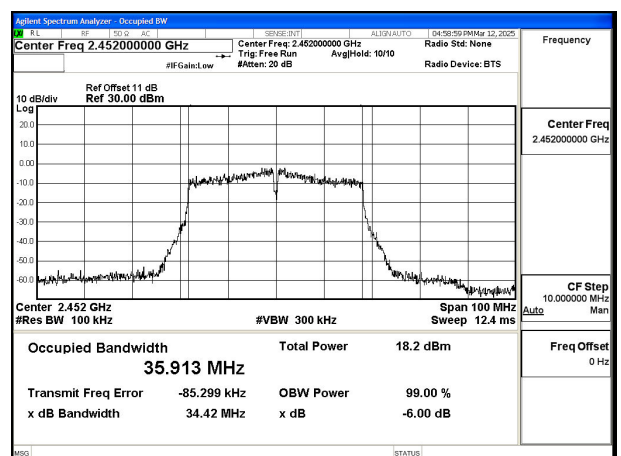
Mode:802.11n HT40 Frequency:2452MHz Ant:Chain0



Mode:802.11n HT40 Frequency:2422MHz Ant:Chain1



Mode:802.11n HT40 Frequency:2437MHz Ant:Chain1



Mode:802.11n HT40 Frequency:2452MHz Ant:Chain1

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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	12.632	13.173	13.158
802.11b	Chain1	12.909	13.168	13.156
802.11g	Chain0	16.308	16.411	16.386
802.11g	Chain1	16.377	16.513	16.434
802.11n HT20	Chain0	17.480	17.618	17.658
802.11n HT20	Chain1	17.480	17.610	17.612

Test Mode	Antenna	99% bandwidth (MHz)		
		Channel No.3	Channel No.6	Channel No.9
		2422MHz	2437MHz	2452MHz
802.11n HT40	Chain0	35.852	36.025	35.853
802.11n HT40	Chain1	35.866	35.895	35.840

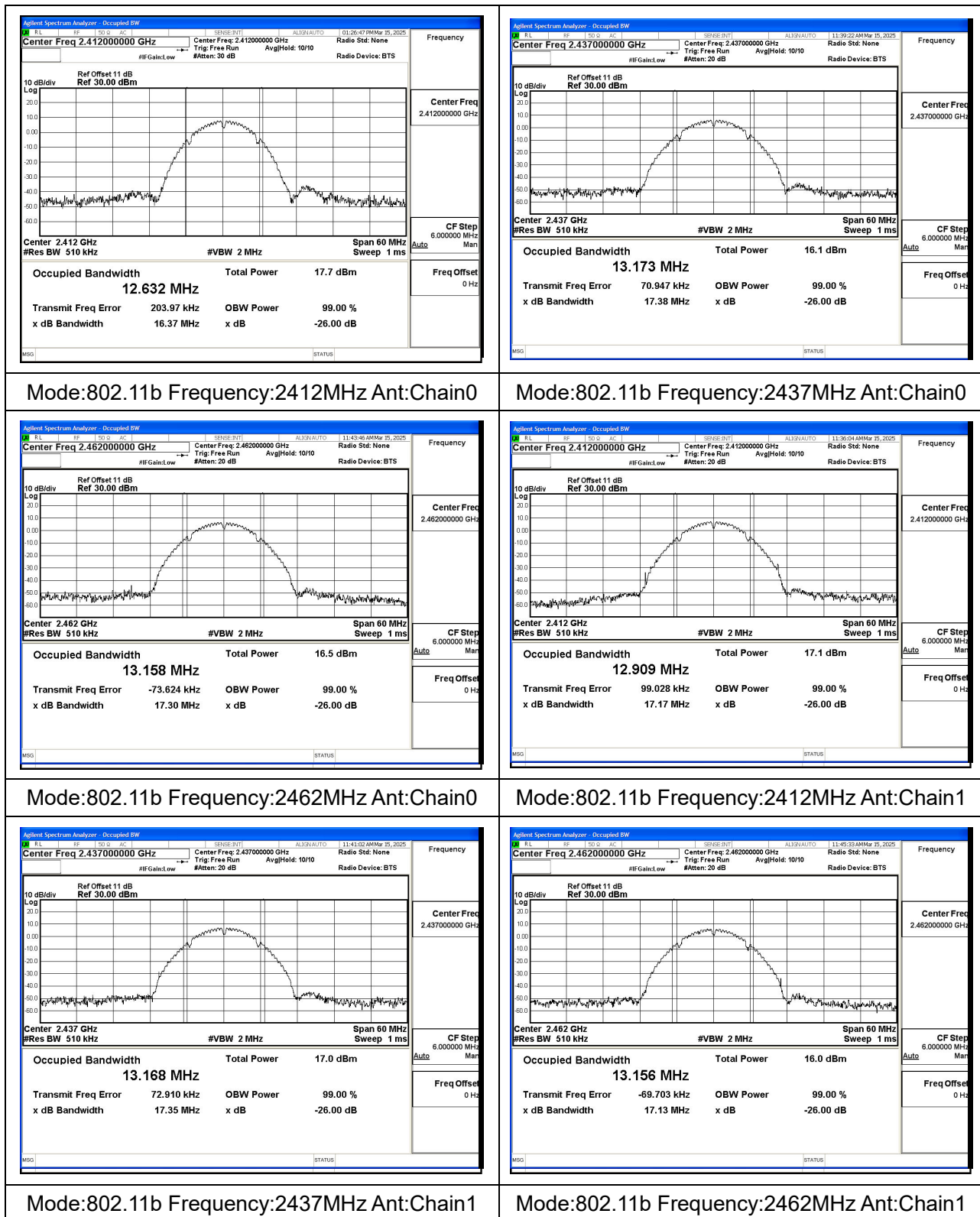


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Test Graphs

Test Mode: 802.11b



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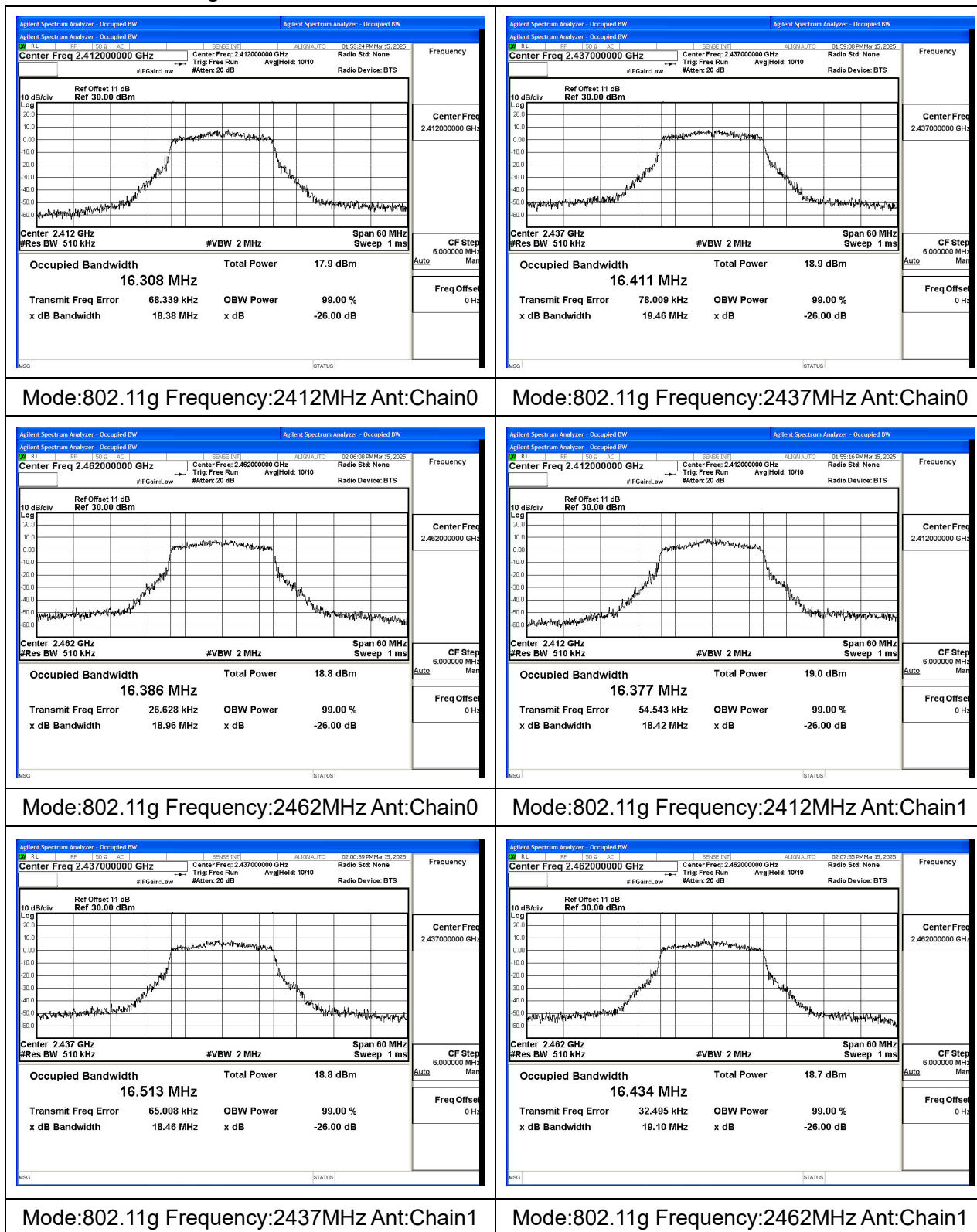
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Test Mode: 802.11g



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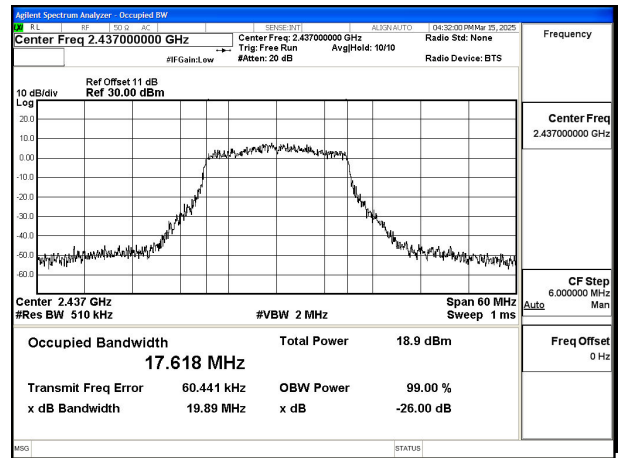
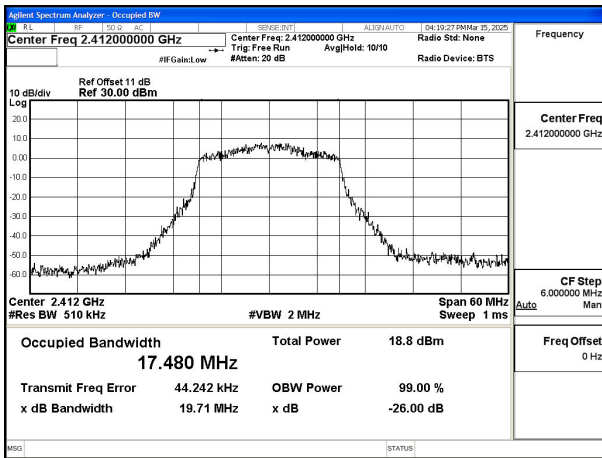
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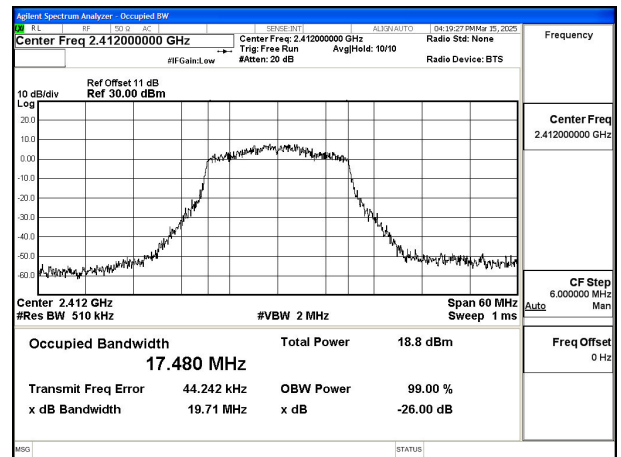
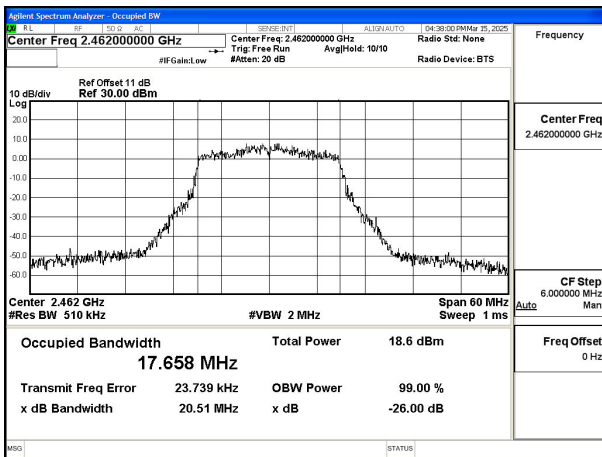
Test Report No.: PSU-NQN2503250110RF01

Test Mode: 802.11n HT20



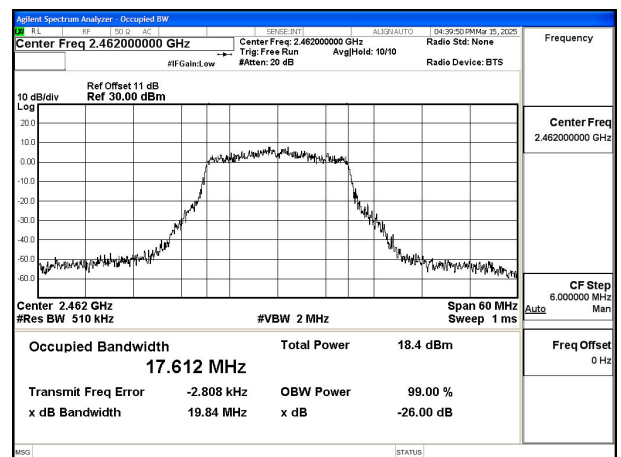
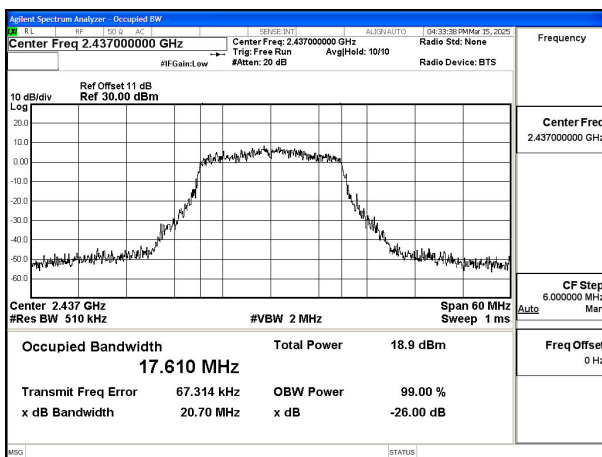
Mode:802.11n HT20 Frequency:2412MHz Ant:Chain0

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



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

Mode:802.11n HT20 Frequency:2412MHz Ant:Chain1



Mode:802.11n HT20 Frequency:2437MHz Ant:Chain1

Mode:802.11n HT20 Frequency:2462MHz Ant:Chain1

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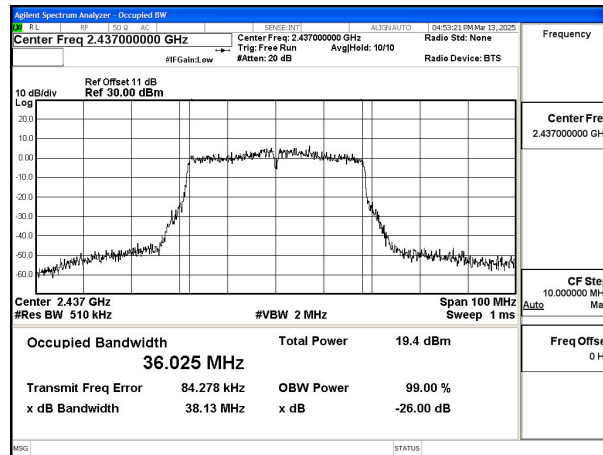
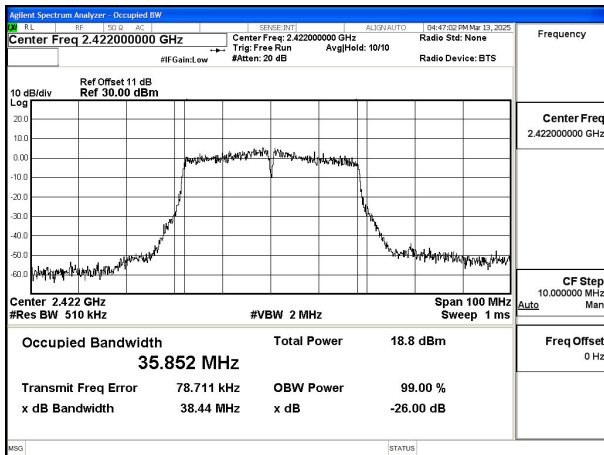
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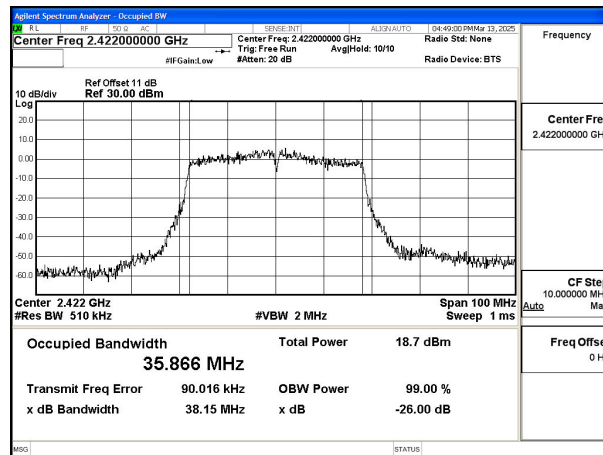
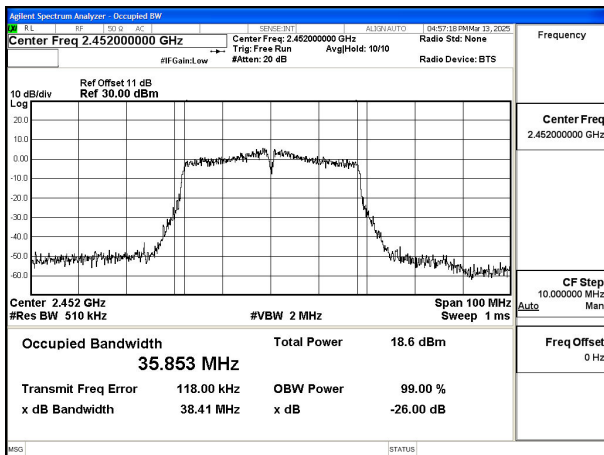
Test Report No.: PSU-NQN2503250110RF01

Test Mode: 802.11n HT40



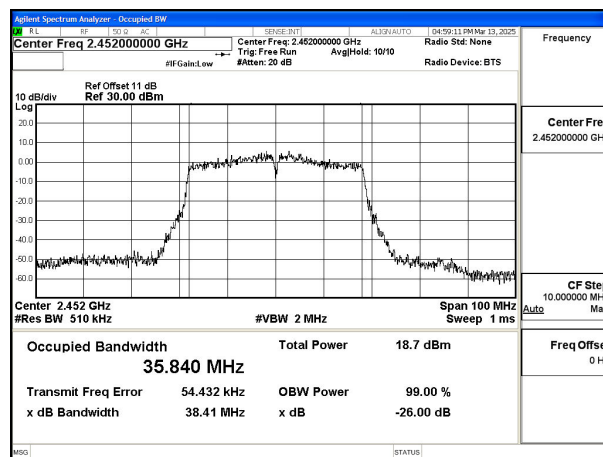
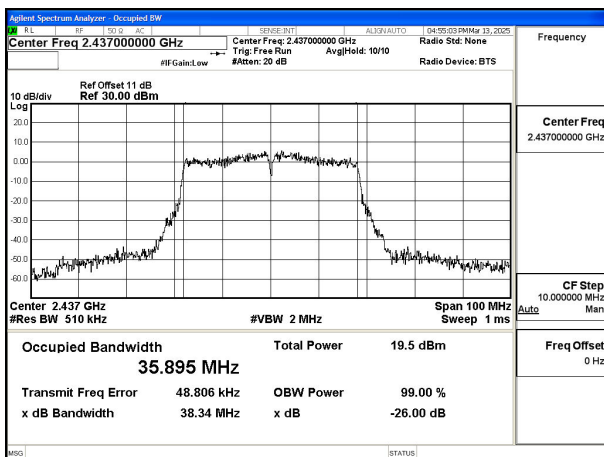
Mode:802.11n HT40 Frequency:2422MHz Ant:Chain0

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



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

Mode:802.11n HT40 Frequency:2422MHz Ant:Chain1



Mode:802.11n HT40 Frequency:2437MHz Ant:Chain1

Mode:802.11n HT40 Frequency:2452MHz Ant:Chain1

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**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	18.03	15.03	15.93
802.11b	NA	2412	Chain1	17.99	15.05	15.40
802.11b	NA	2437	Chain0	18.06	15.06	15.96
802.11b	NA	2437	Chain1	18.04	15.08	15.43
802.11b	NA	2462	Chain0	18.53	15.52	16.42
802.11b	NA	2462	Chain1	18.27	15.26	15.61
802.11g	NA	2412	Chain0	21.86	14.57	15.47
802.11g	NA	2412	Chain1	21.91	14.50	14.85
802.11g	NA	2437	Chain0	21.85	14.57	15.47
802.11g	NA	2437	Chain1	21.82	14.46	14.81
802.11g	NA	2462	Chain0	22.32	14.94	15.84
802.11g	NA	2462	Chain1	22.26	14.98	15.33
802.11n HT20	NA	2412	Chain0	23.27	16.00	16.90
802.11n HT20	NA	2412	Chain1	23.27	16.03	16.38
802.11n HT20	NA	2412	MIMO	26.28	19.03	19.66
802.11n HT20	NA	2437	Chain0	23.59	16.29	17.19
802.11n HT20	NA	2437	Chain1	23.63	16.31	16.66
802.11n HT20	NA	2437	MIMO	26.62	19.01	19.64
802.11n HT20	NA	2462	Chain0	23.12	15.79	16.69
802.11n HT20	NA	2462	Chain1	23.17	15.84	16.19
802.11n HT20	NA	2462	MIMO	26.16	18.83	19.46
802.11n HT40	NA	2422	Chain0	22.40	15.01	15.91
802.11n HT40	NA	2422	Chain1	22.35	15.05	15.40
802.11n HT40	NA	2422	MIMO	25.39	18.04	18.67
802.11n HT40	NA	2437	Chain0	23.17	15.77	16.67
802.11n HT40	NA	2437	Chain1	23.12	15.80	16.15
802.11n HT40	NA	2437	MIMO	26.16	18.80	19.43
802.11n HT40	NA	2452	Chain0	22.31	14.97	15.87
802.11n HT40	NA	2452	Chain1	22.31	14.99	15.34



802.11n HT40	NA	2452	MIMO	25.32	17.99	18.62
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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	-8.925	-8.635	-8.048
802.11b	Chain1	NA	-8.179	-7.869	-7.850
802.11g	Chain0	NA	-10.729	-11.382	-11.664
802.11g	Chain1	NA	-11.040	-10.902	-11.295
802.11n HT20	Chain0	NA	-8.244	-8.849	-8.060
802.11n HT20	Chain1	NA	-7.244	-8.575	-8.997
802.11n HT20	MIMO	NA	-5.003	-5.700	-5.493

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	-11.412	-11.752	-12.329
802.11n HT40	Chain1	NA	-11.667	-11.565	-11.434
802.11n HT40	MIMO	NA	-8.527	-8.647	-8.848