



BUREAU
VERITAS

Test Report No.: PSU-NQN2504020112RF07

TRANSMITTER POWER SPECTRAL DENSITY

Test Mode	Antenna	Tones	Power Density(dBm/3KHz)		
			Channel No.1	Channel No.6	Channel No.11
			2412MHz	2437MHz	2462MHz
802.11b	Chain0	NA	-4.687	4.995	5.236
802.11b	Chain1	NA	-4.811	4.911	4.371
802.11g	Chain0	NA	-4.72	1.478	1.644
802.11g	Chain1	NA	-4.625	1.557	1.66
802.11n HT20	Chain0	NA	2.146	1.066	1.298
802.11n HT20	Chain1	NA	2.208	1.091	1.352
802.11n HT20	MIMO	NA	5.187	4.089	4.335



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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	-4.146	-4.265	-3.275
802.11n HT40	Chain1	NA	-4.181	-4.353	-3.66
802.11n HT40	MIMO	NA	-1.153	-1.298	-0.453

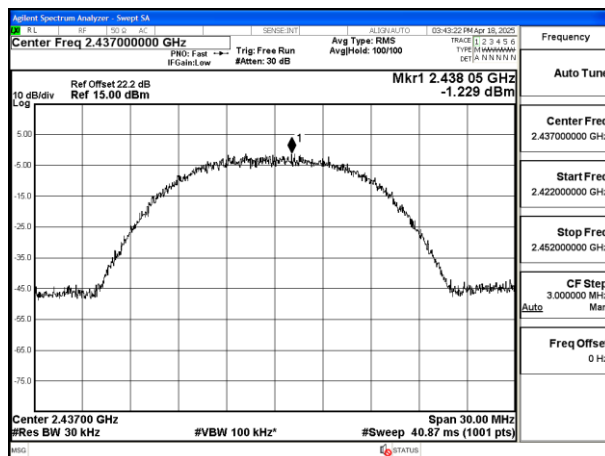
Test Mode: 802.11b

Mode:802.11b Frequency:2412MHz Ant:Chain0	Mode:802.11b Frequency:2437MHz Ant:Chain0
Mode:802.11b Frequency:2462MHz Ant:Chain0	Mode:802.11b Frequency:2412MHz Ant:Chain1

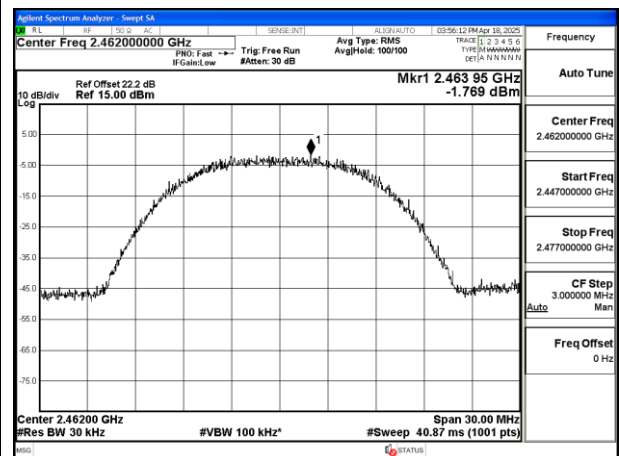


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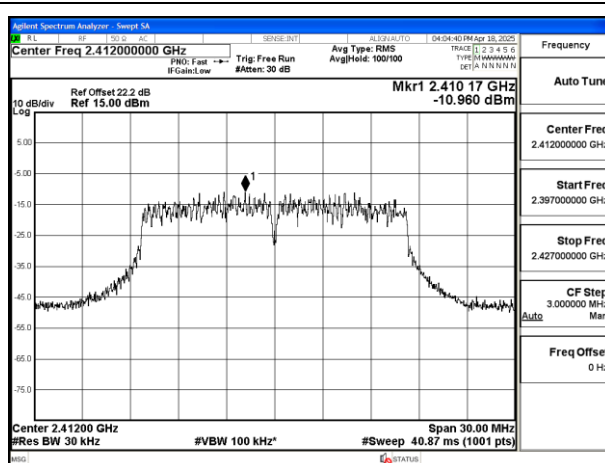


Mode:802.11b Frequency:2437MHz
Ant:Chain1

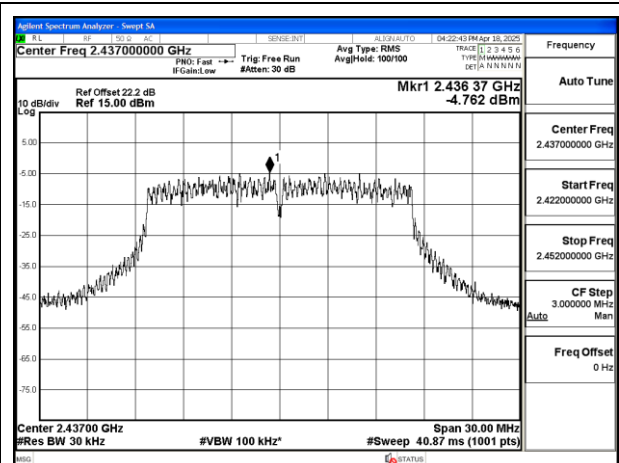


Mode:802.11b Frequency:2462MHz
Ant:Chain1

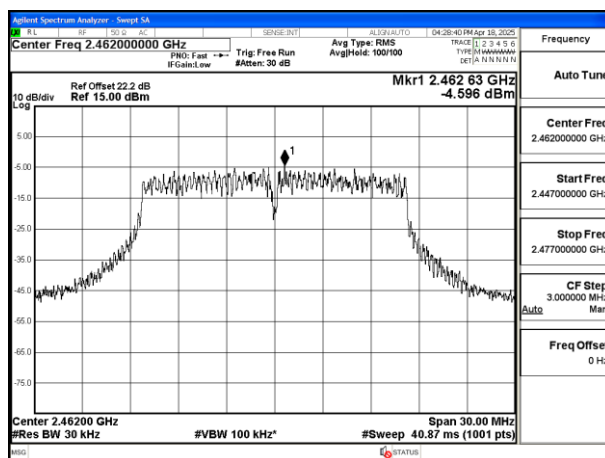
Test Mode: 802.11g



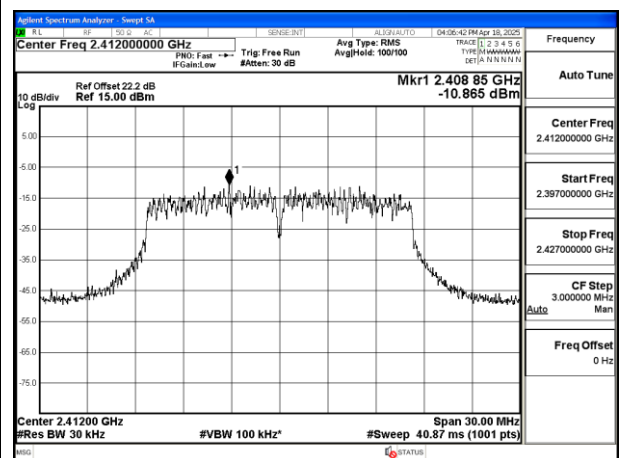
Mode:802.11g Frequency:2412MHz
Ant:Chain0



Mode:802.11g Frequency:2437MHz
Ant:Chain0



Mode:802.11g Frequency:2462MHz



Mode:802.11g Frequency:2412MHz

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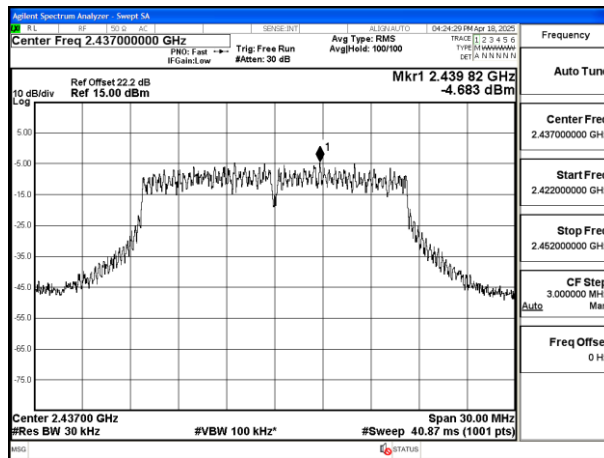
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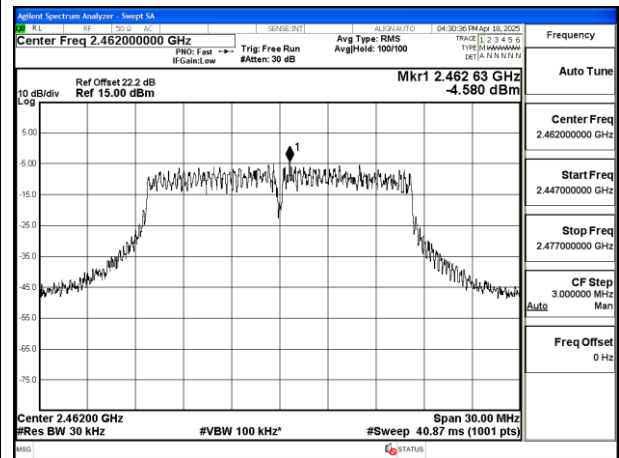
Ant:Chain0



Mode:802.11g Frequency:2437MHz

Ant:Chain1

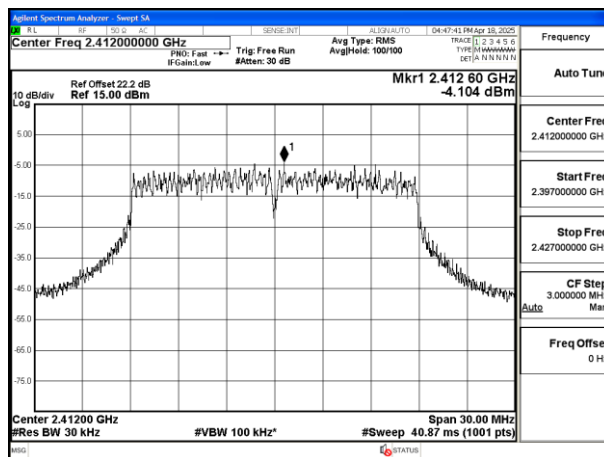
Ant:Chain1



Mode:802.11g Frequency:2462MHz

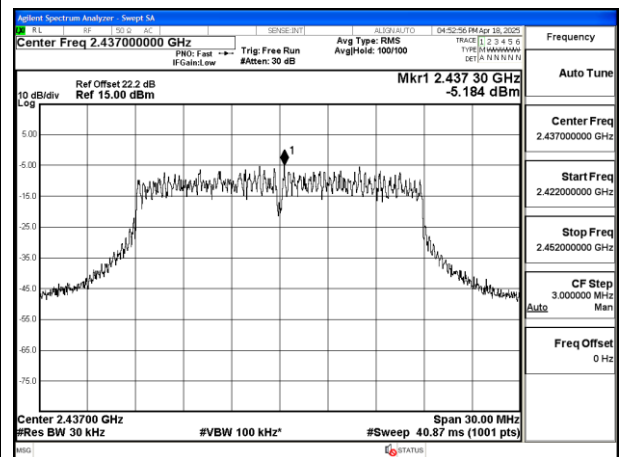
Ant:Chain1

Test Mode: 802.11n HT20



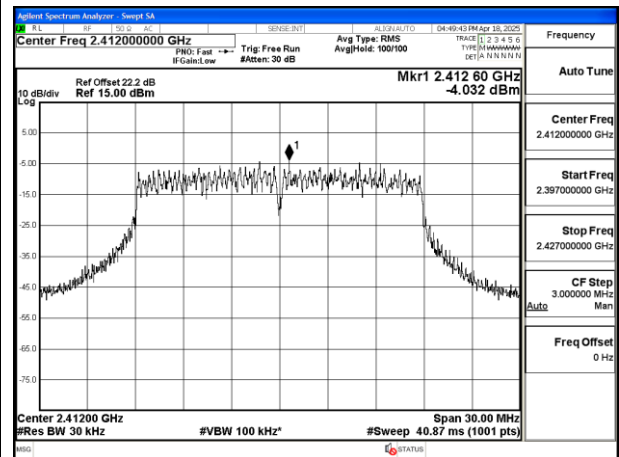
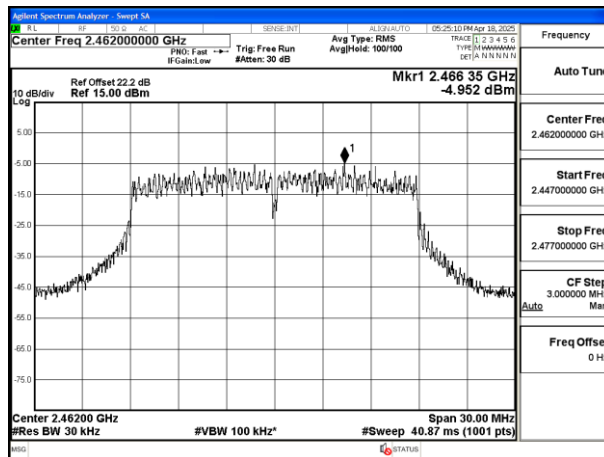
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain0



Mode:802.11n HT20 Frequency:2437MHz

Ant:Chain0

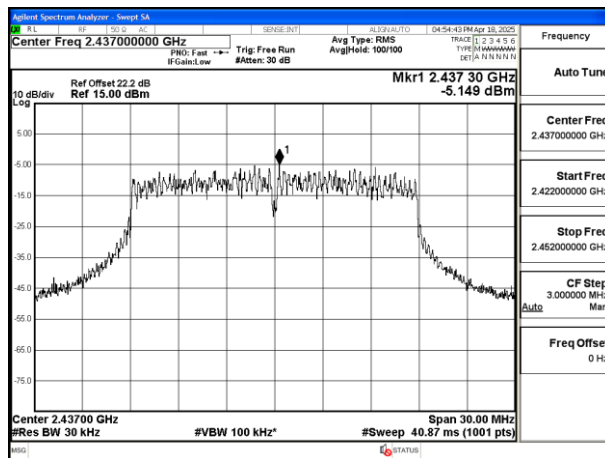




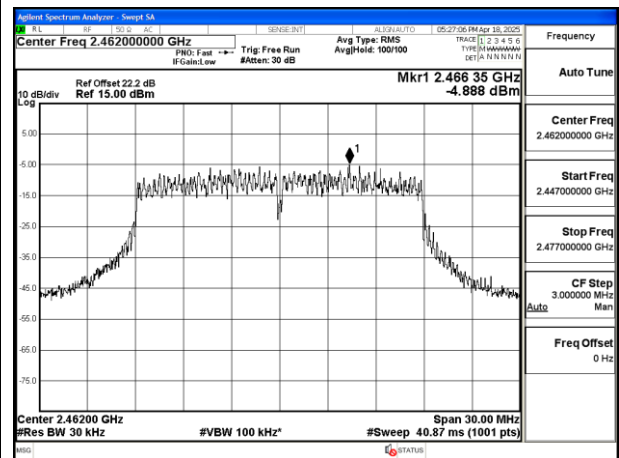
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Mode:802.11n HT20 Frequency:2462MHz
Ant:Chain0



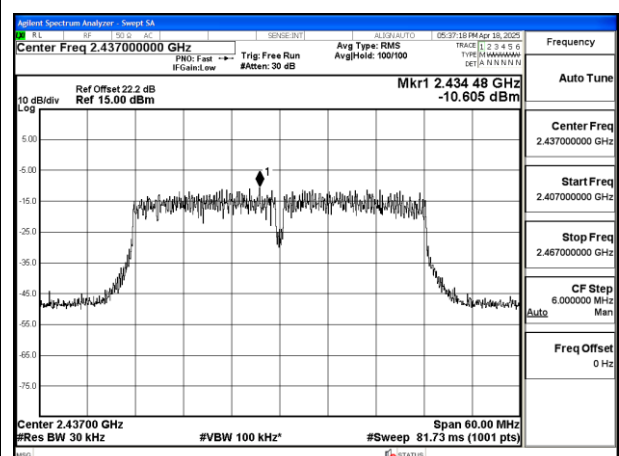
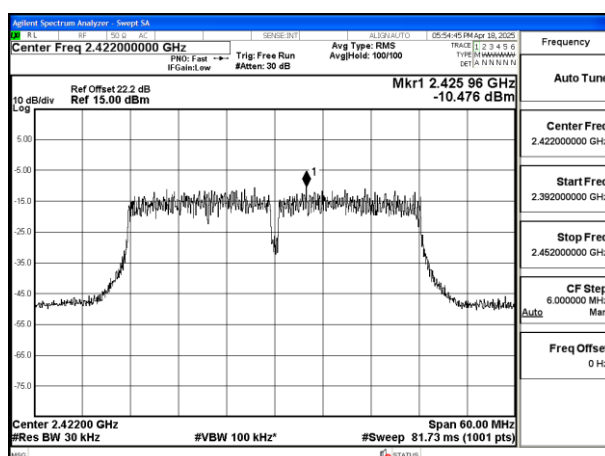
Mode:802.11n HT20 Frequency:2412MHz
Ant:Chain1



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

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

Test Mode: 802.11n HT40



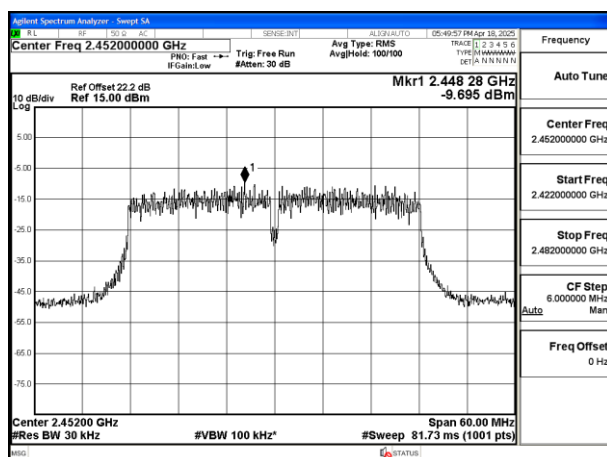
Mode:802.11n HT40 Frequency:2422MHz
Ant:Chain0

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

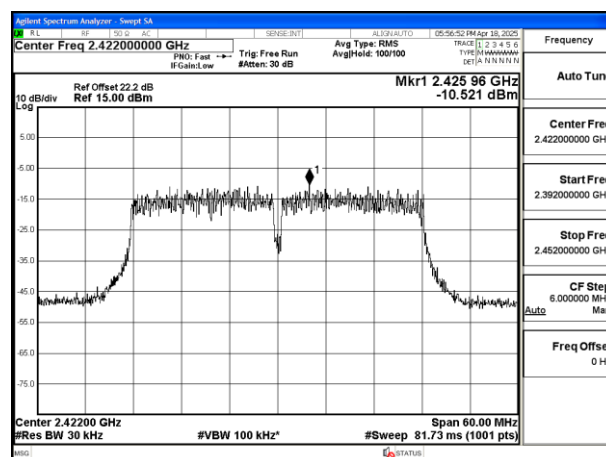


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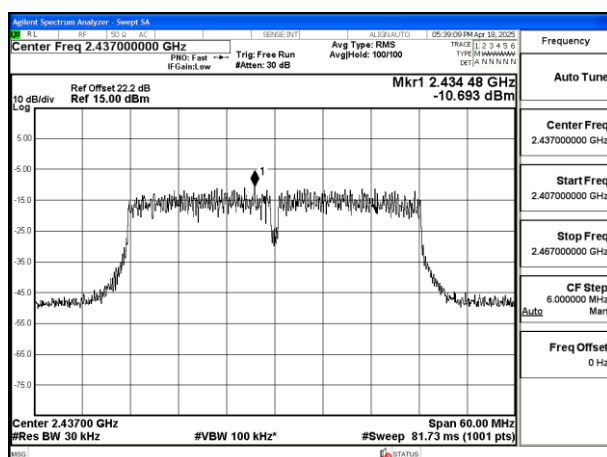
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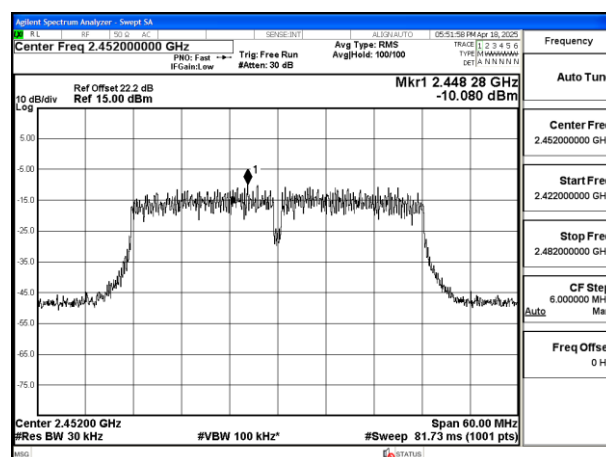
Mode:802.11n HT40 Frequency:2452MHz
Ant:Chain0



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



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



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

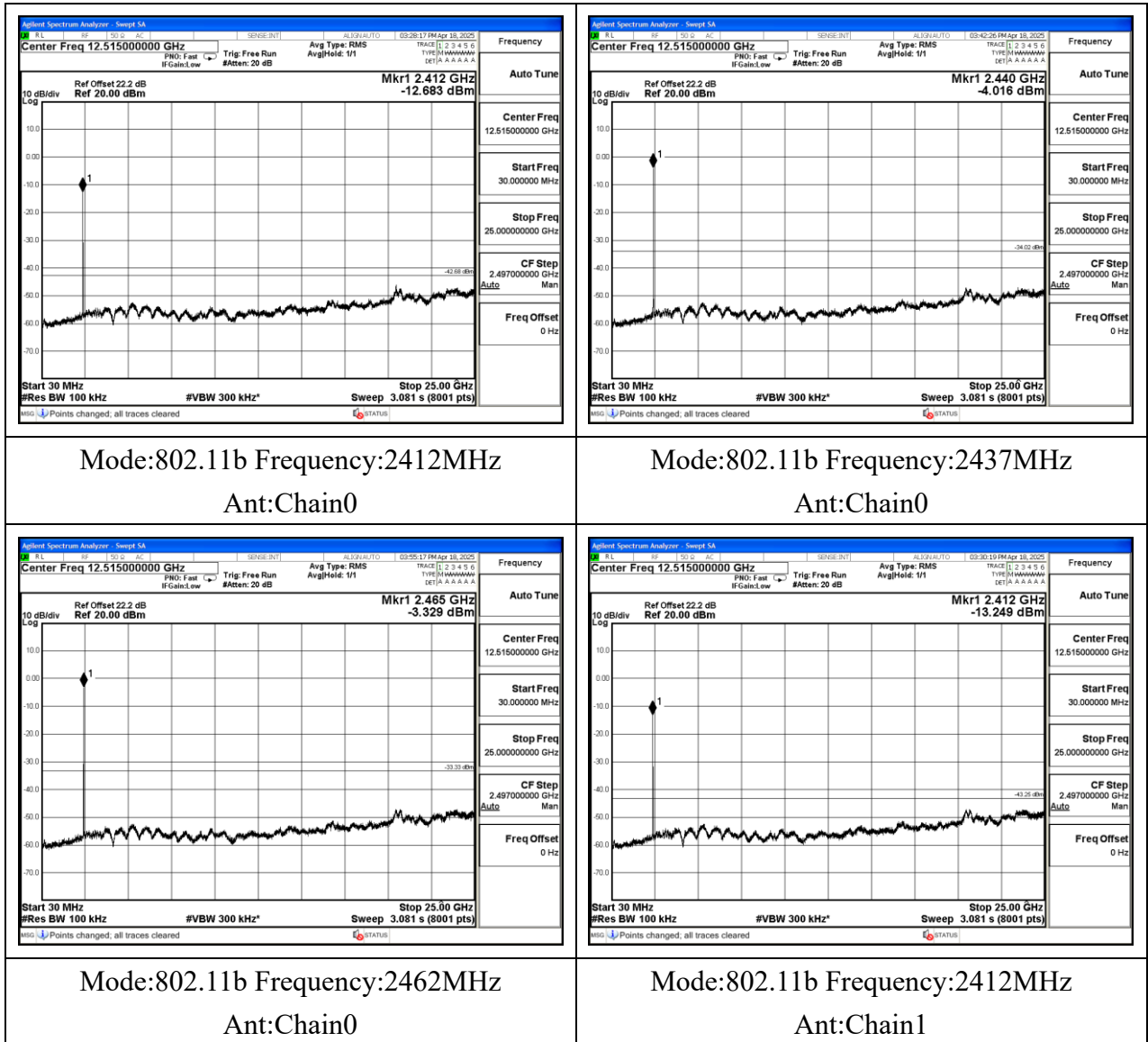


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CONDUCTED OUT OF BAND EMISSION MEASUREMENT

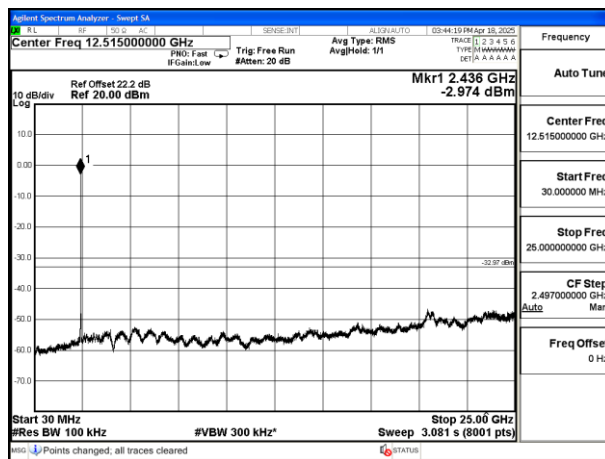
Test Mode: 802.11b



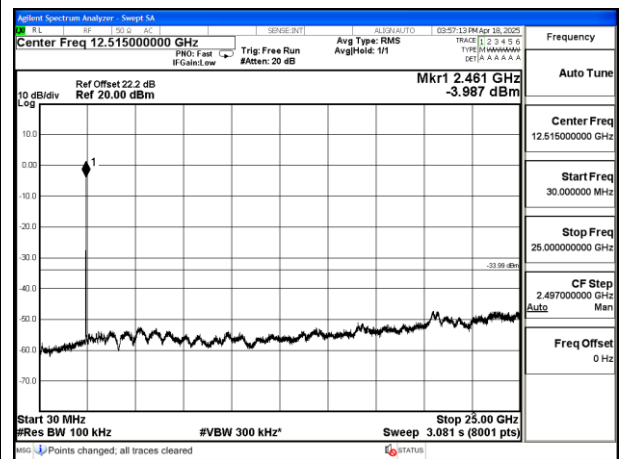


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Mode:802.11b Frequency:2437MHz
Ant:Chain1



Mode:802.11b Frequency:2462MHz
Ant:Chain1

Test Mode: 802.11g



Mode:802.11g Frequency:2412MHz
Ant:Chain0



Mode:802.11g Frequency:2437MHz
Ant:Chain0



Mode:802.11g Frequency:2462MHz



Mode:802.11g Frequency:2412MHz

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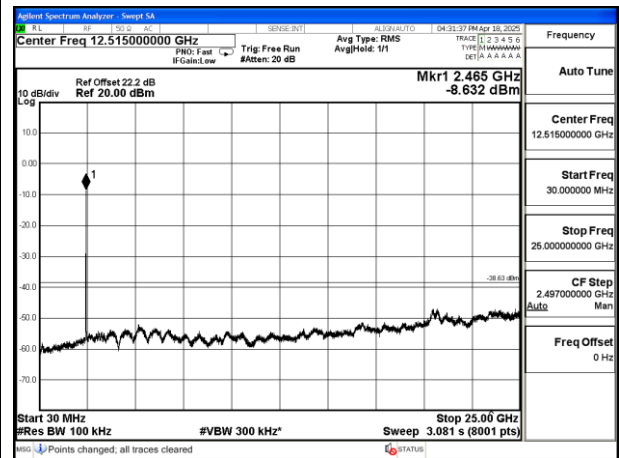
Ant:Chain0



Mode:802.11g Frequency:2437MHz

Ant:Chain1

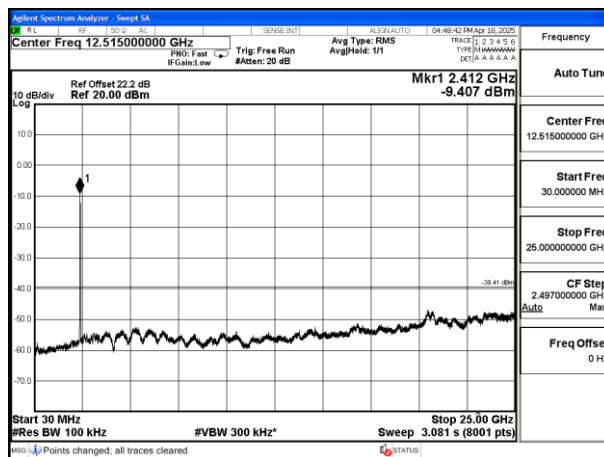
Ant:Chain1



Mode:802.11g Frequency:2462MHz

Ant:Chain1

Test Mode: 802.11n HT20



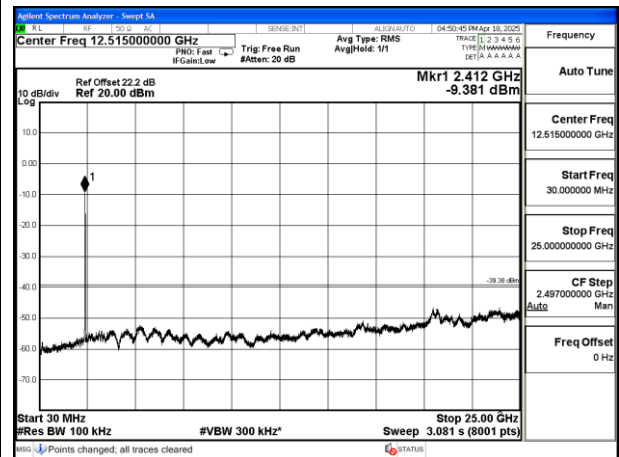
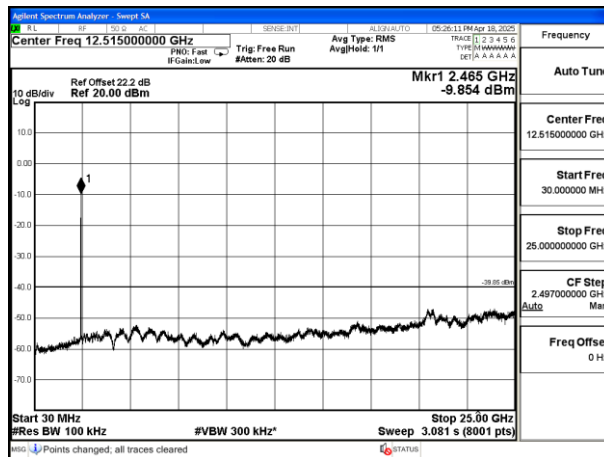
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain0



Mode:802.11n HT20 Frequency:2437MHz

Ant:Chain0



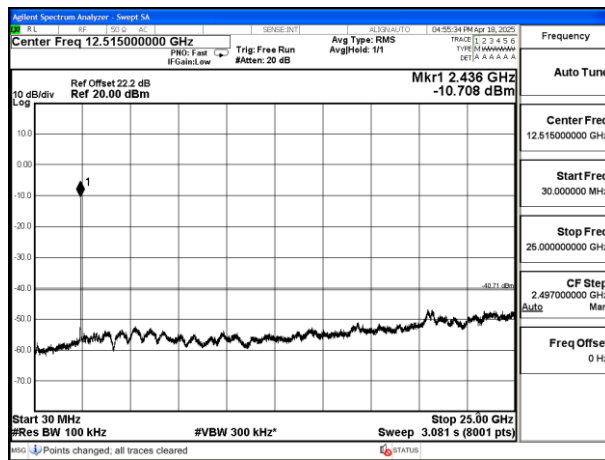


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Mode:802.11n HT20 Frequency:2462MHz

Ant:Chain0



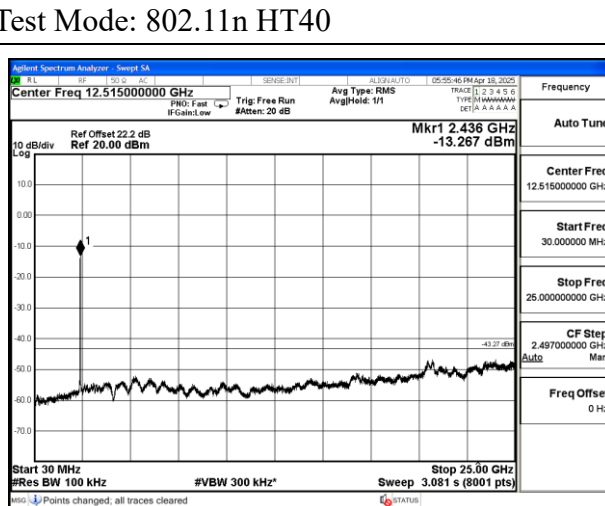
Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain1



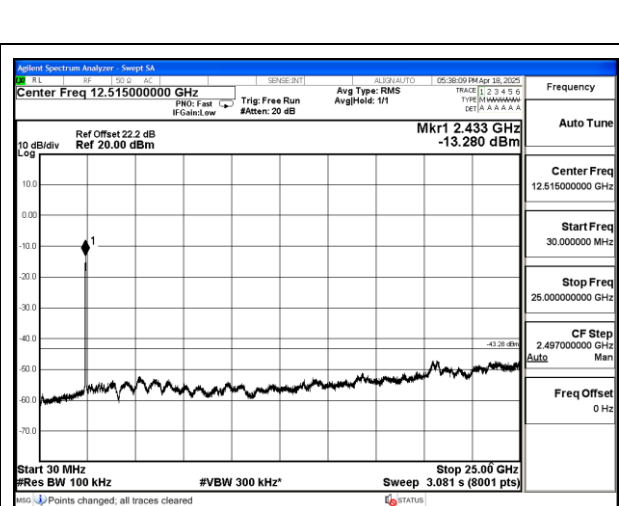
Mode:802.11n HT20 Frequency:2437MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:2462MHz

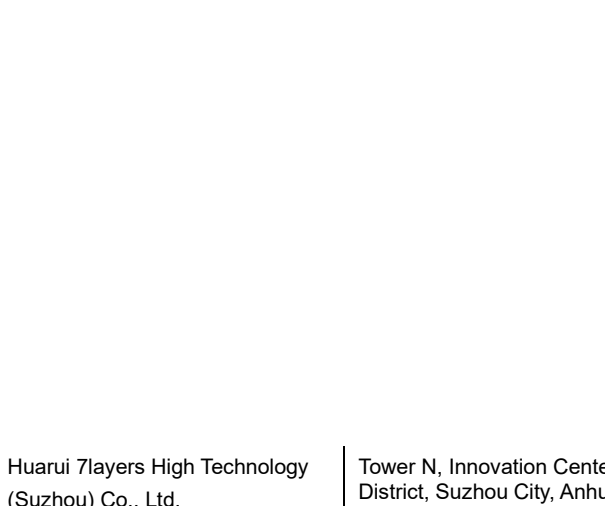
Ant:Chain1



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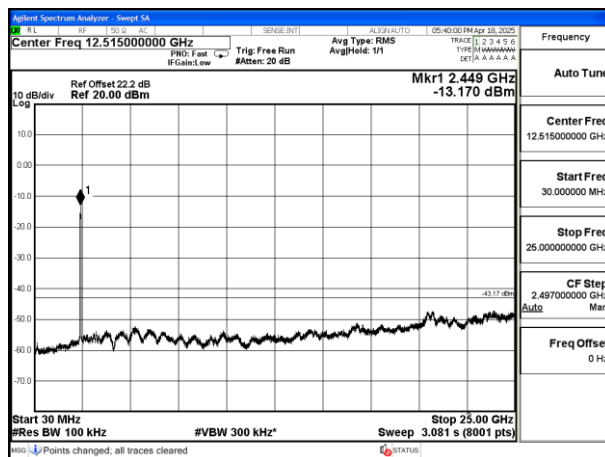
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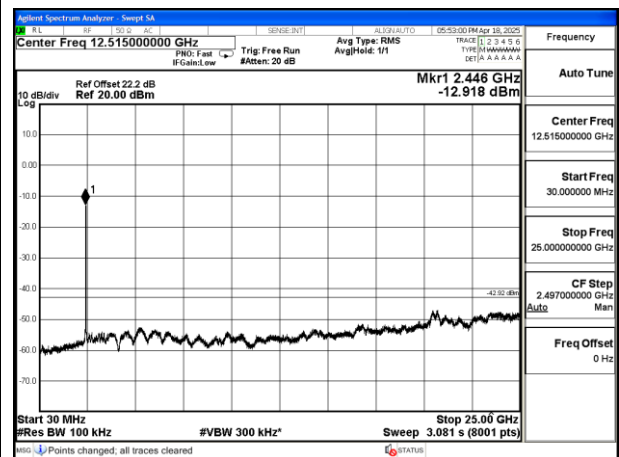
Mode:802.11n HT40 Frequency:2452MHz
Ant:Chain0



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



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



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

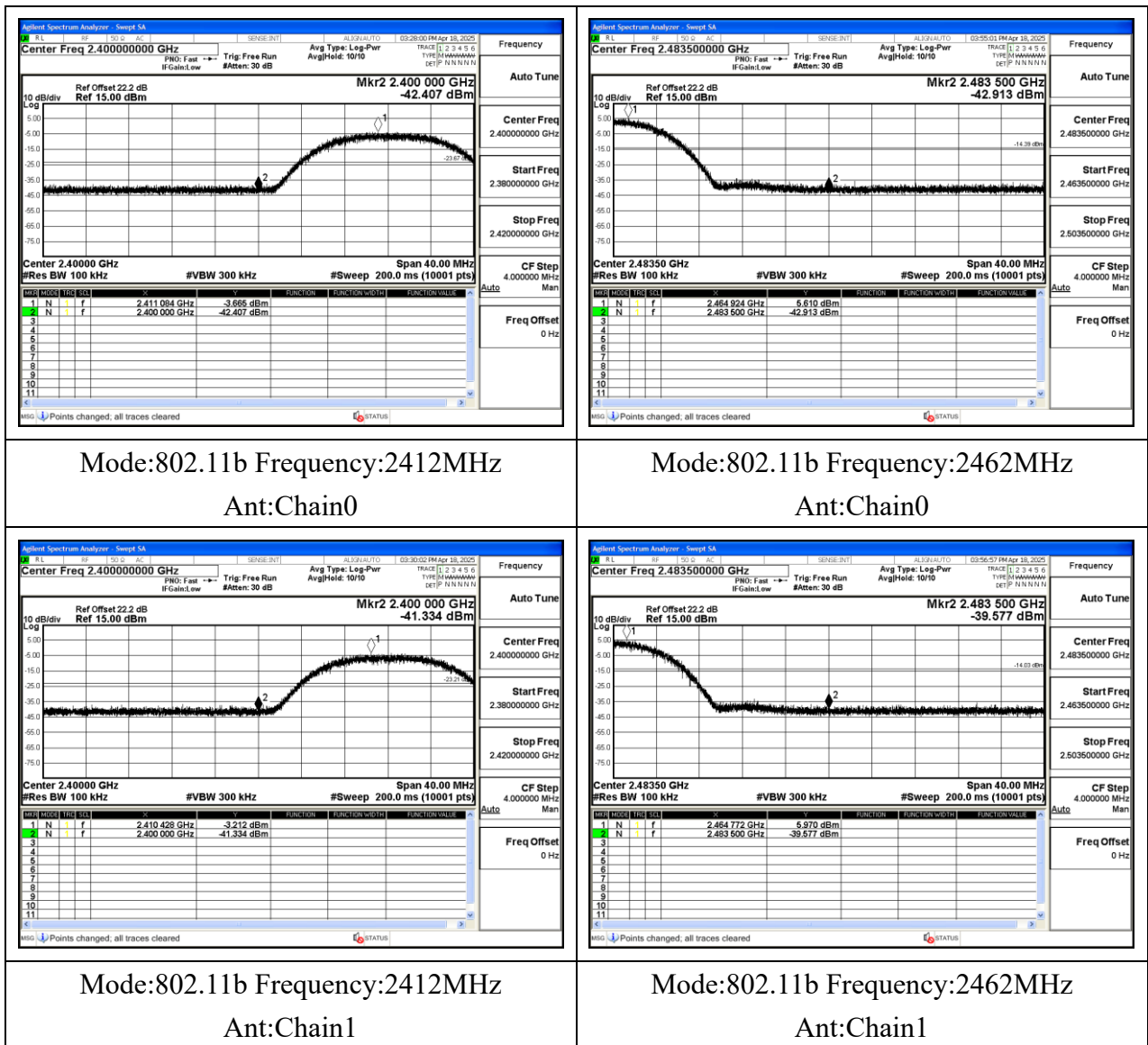


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BAND EDGE MEASUREMENT

Test Mode: 802.11b

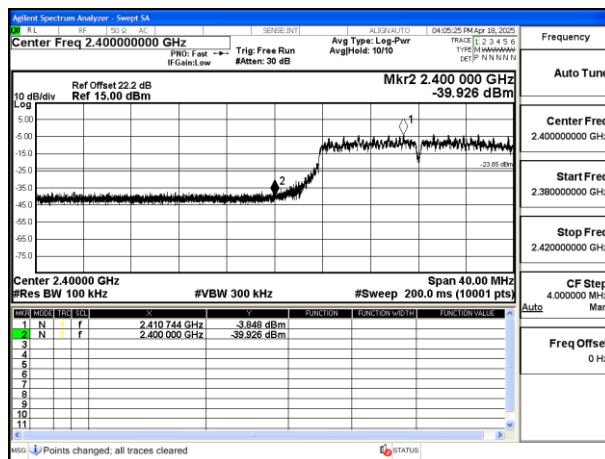


Test Mode: 802.11g

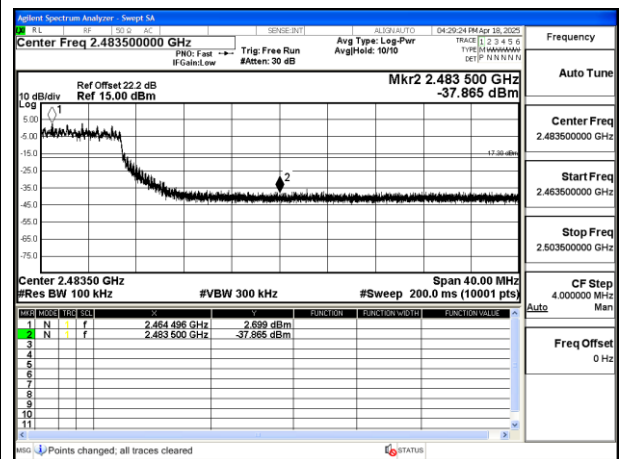


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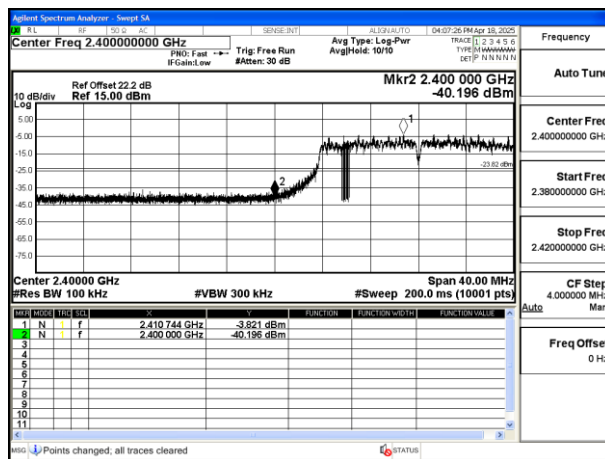
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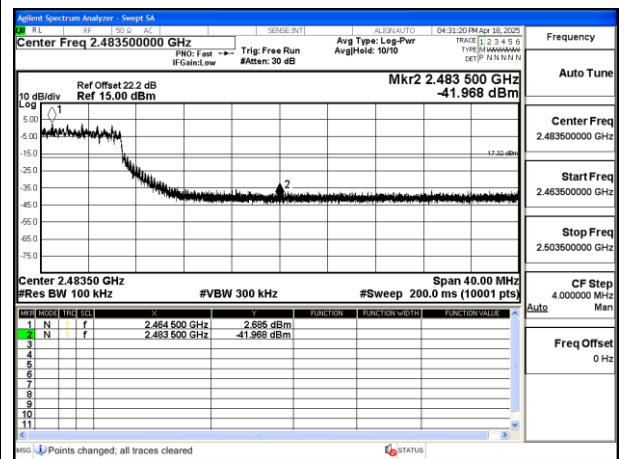
Mode:802.11g Frequency:2412MHz
Ant:Chain0



Mode:802.11g Frequency:2462MHz
Ant:Chain0

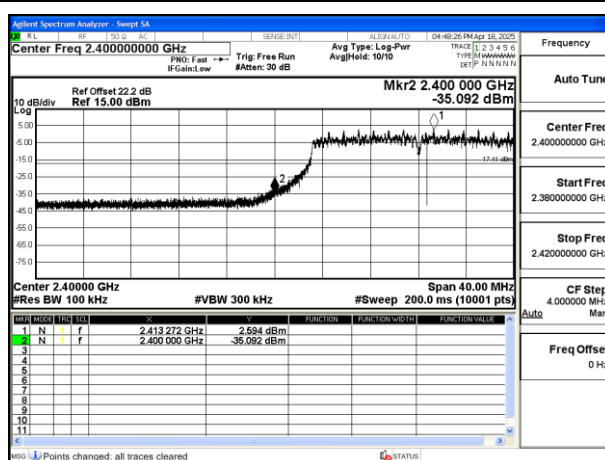


Mode:802.11g Frequency:2412MHz
Ant:Chain1

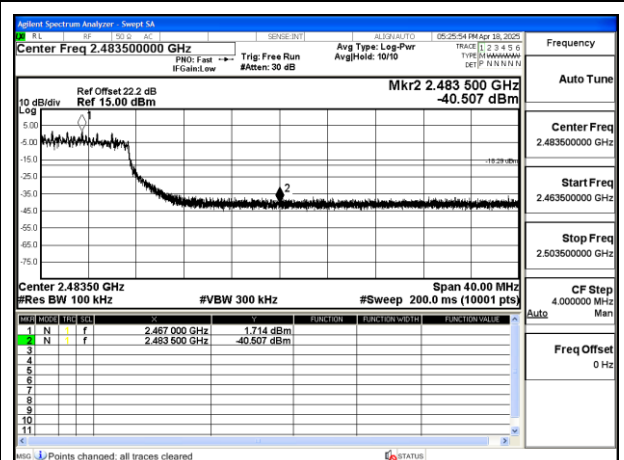


Mode:802.11g Frequency:2462MHz
Ant:Chain1

Test Mode: 802.11n HT20



Mode:802.11n HT20 Frequency:2412MHz



Mode:802.11n HT20 Frequency:2462MHz

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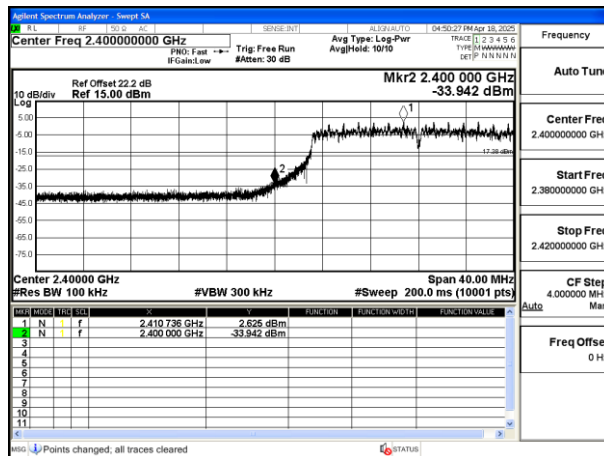
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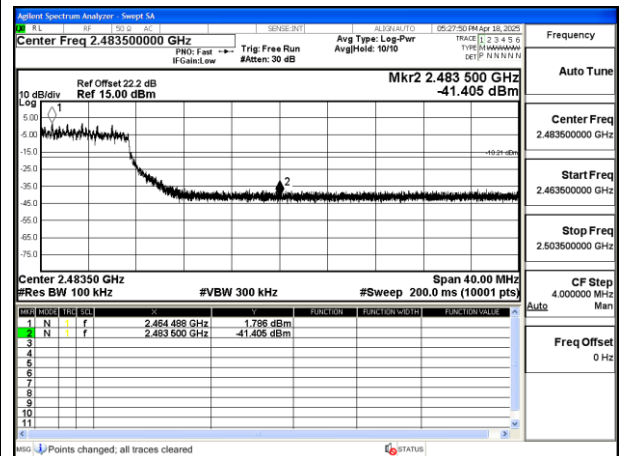
Ant:Chain0



Mode:802.11n HT20 Frequency:2412MHz

Ant:Chain1

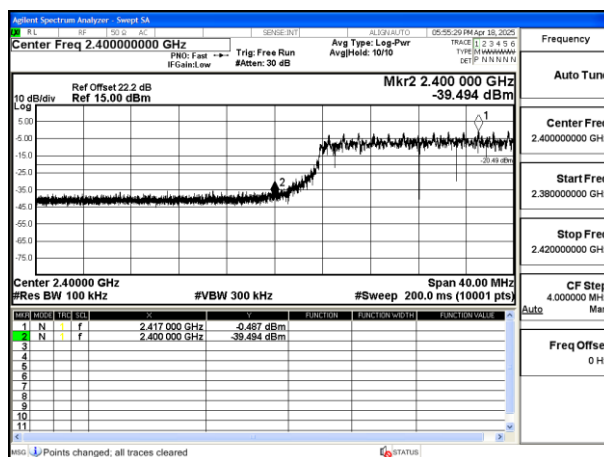
Ant:Chain0



Mode:802.11n HT20 Frequency:2462MHz

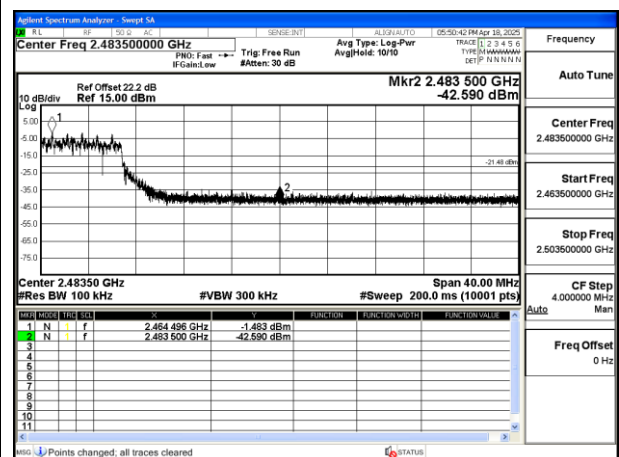
Ant:Chain1

Test Mode: 802.11n HT40



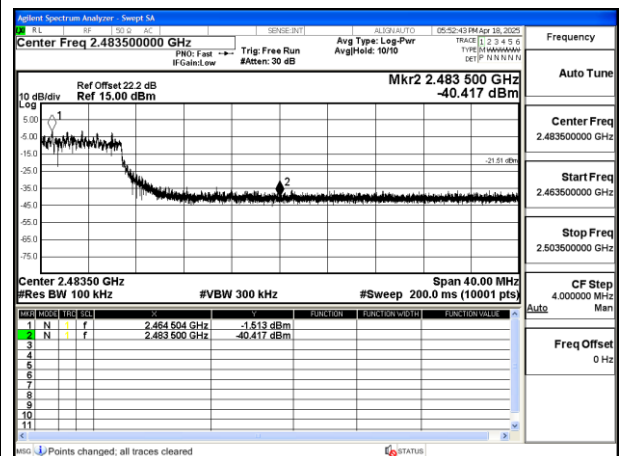
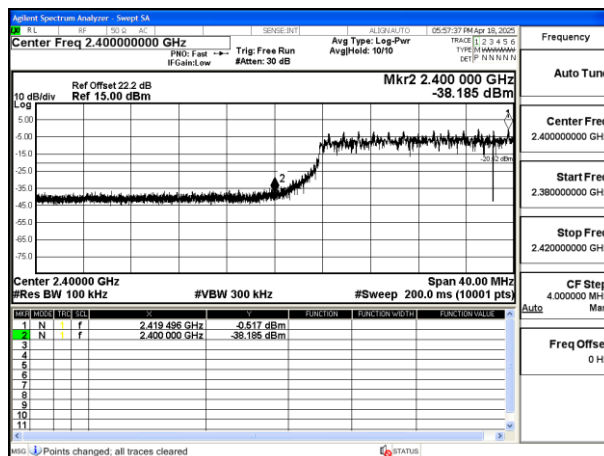
Mode:802.11n HT40 Frequency:2422MHz

Ant:Chain0



Mode:802.11n HT40 Frequency:2452MHz

Ant:Chain0



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Mode:802.11n HT40 Frequency:2422MHz Ant:Chain1	Mode:802.11n HT40 Frequency:2452MHz Ant:Chain1
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