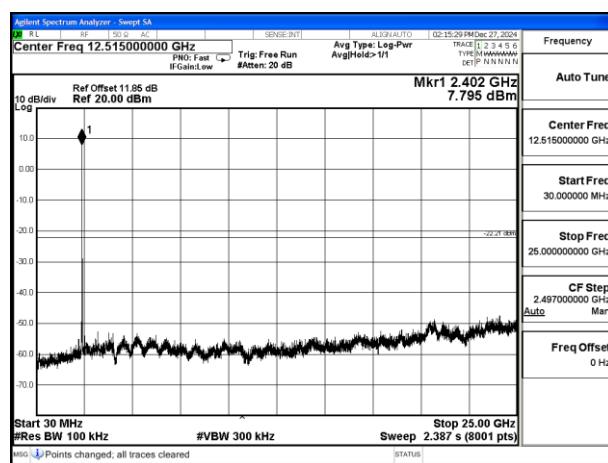




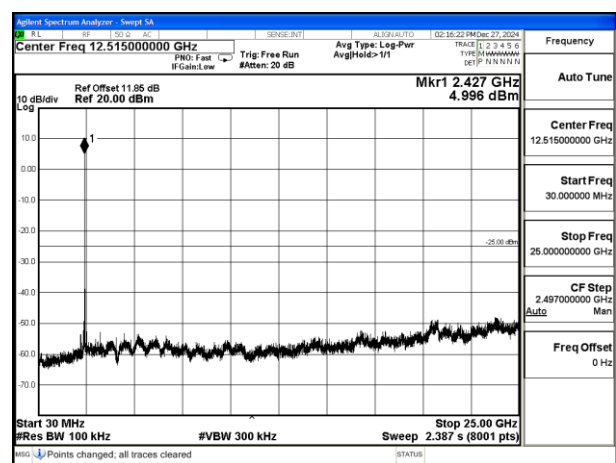
BUREAU VERITAS Test Report No.: PSU-NQN2412170109RF02

Test Mode: 802.11ax HE20 26T



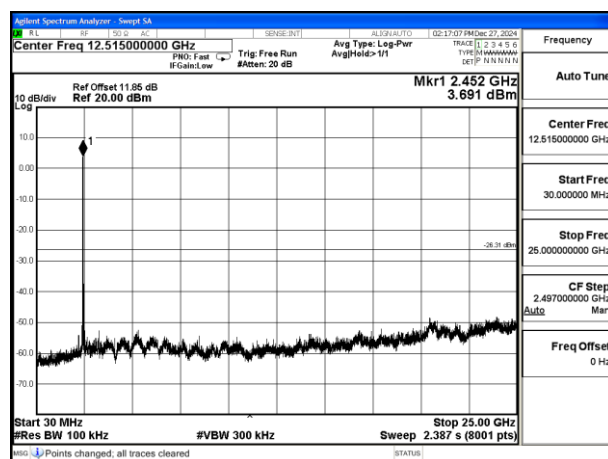
Mode:802.11ax HE20 Frequency:2412MHz

Ant:Chain0



Mode:802.11ax HE20 Frequency:2437MHz

Ant:Chain0

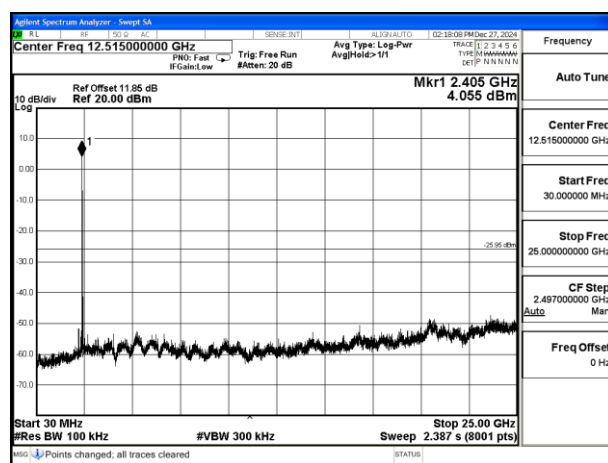


Mode:802.11ax HE20 Frequency:2462MHz

Ant:Chain0

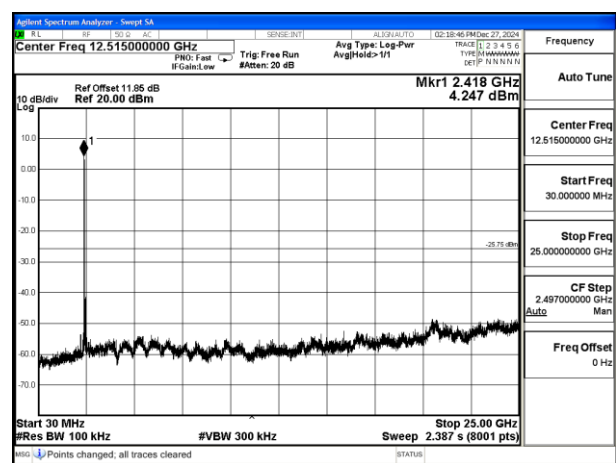


Test Mode: 802.11ax HE40 26T



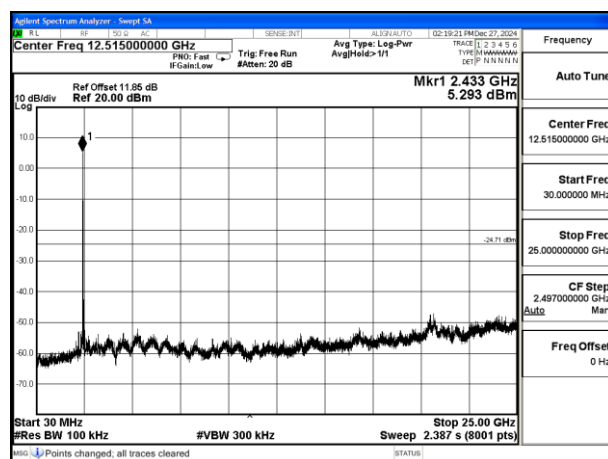
Mode:802.11ax HE40 Frequency:2422MHz

Ant:Chain0



Mode:802.11ax HE40 Frequency:2437MHz

Ant:Chain0



Mode:802.11ax HE40 Frequency:2452MHz

Ant:Chain0

**DUTY CYCLE****TEST RESULT**

Modulation Type	Frequency (MHz)	Antenna	Plot	Duty Cycle	Correction Factor(dB)
802.11b	2412	Chain0	Fig.1	99.92%	0
802.11g	2412	Chain0	Fig.2	99.88%	0
802.11n HT20	2412	Chain0	Fig.3	99.87%	0
802.11ax HE20	2412	Chain0	Fig.4	99.99%	0
802.11n HT40	2422	Chain0	Fig.5	99.75%	0
802.11ax HE40	2422	Chain0	Fig.6	99.96%	0

Note: Correction Factor=10*log (1/Duty Cycle)



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VERITAS

Test Report No.: PSU-NQN2412170109RF02

TEST GRAPHS

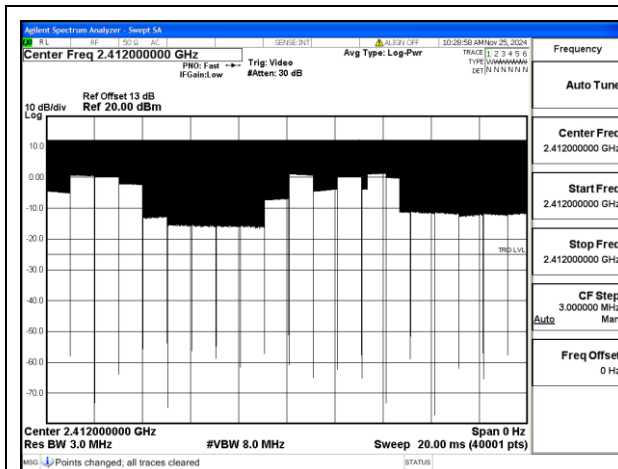


Fig.1

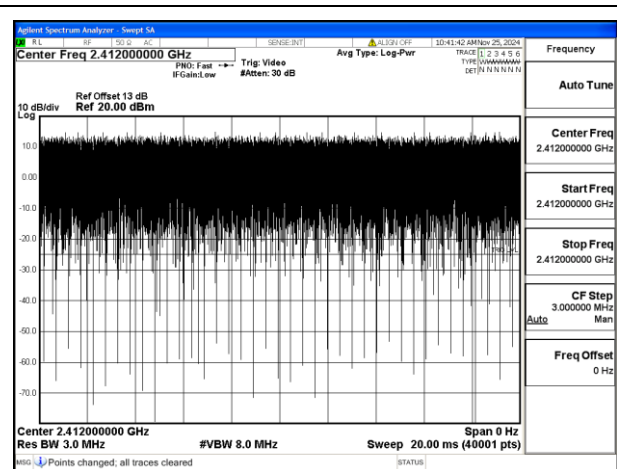


Fig.2

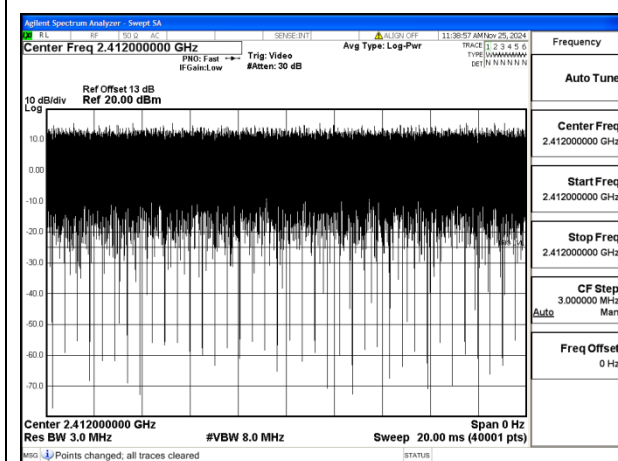


Fig.3

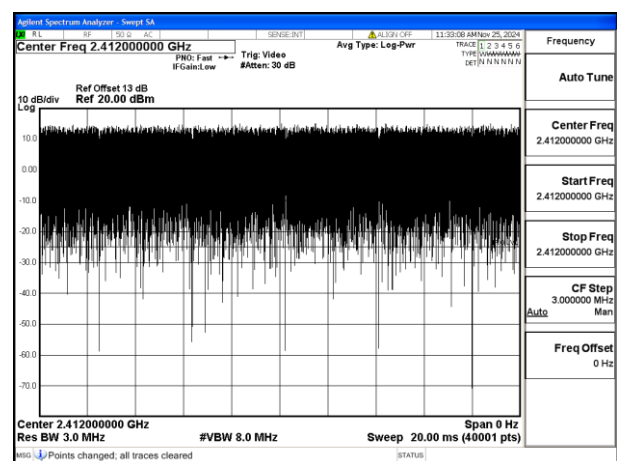


Fig.4

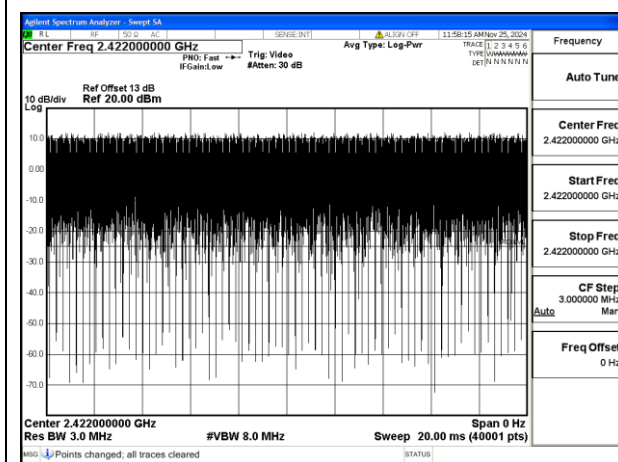


Fig.5

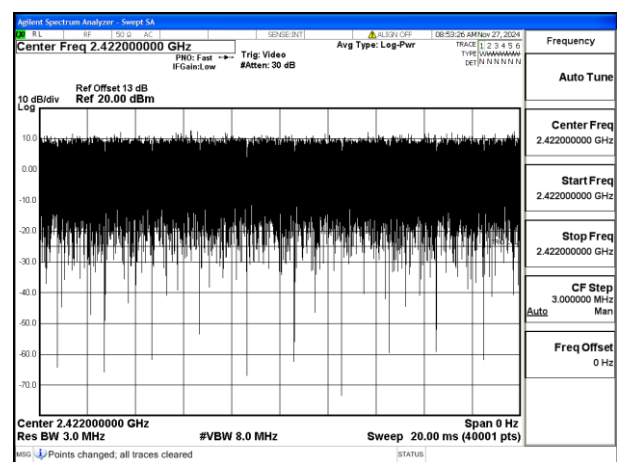


Fig.6

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7 APPENDIX 2 BLE

DTS BANDWIDTH

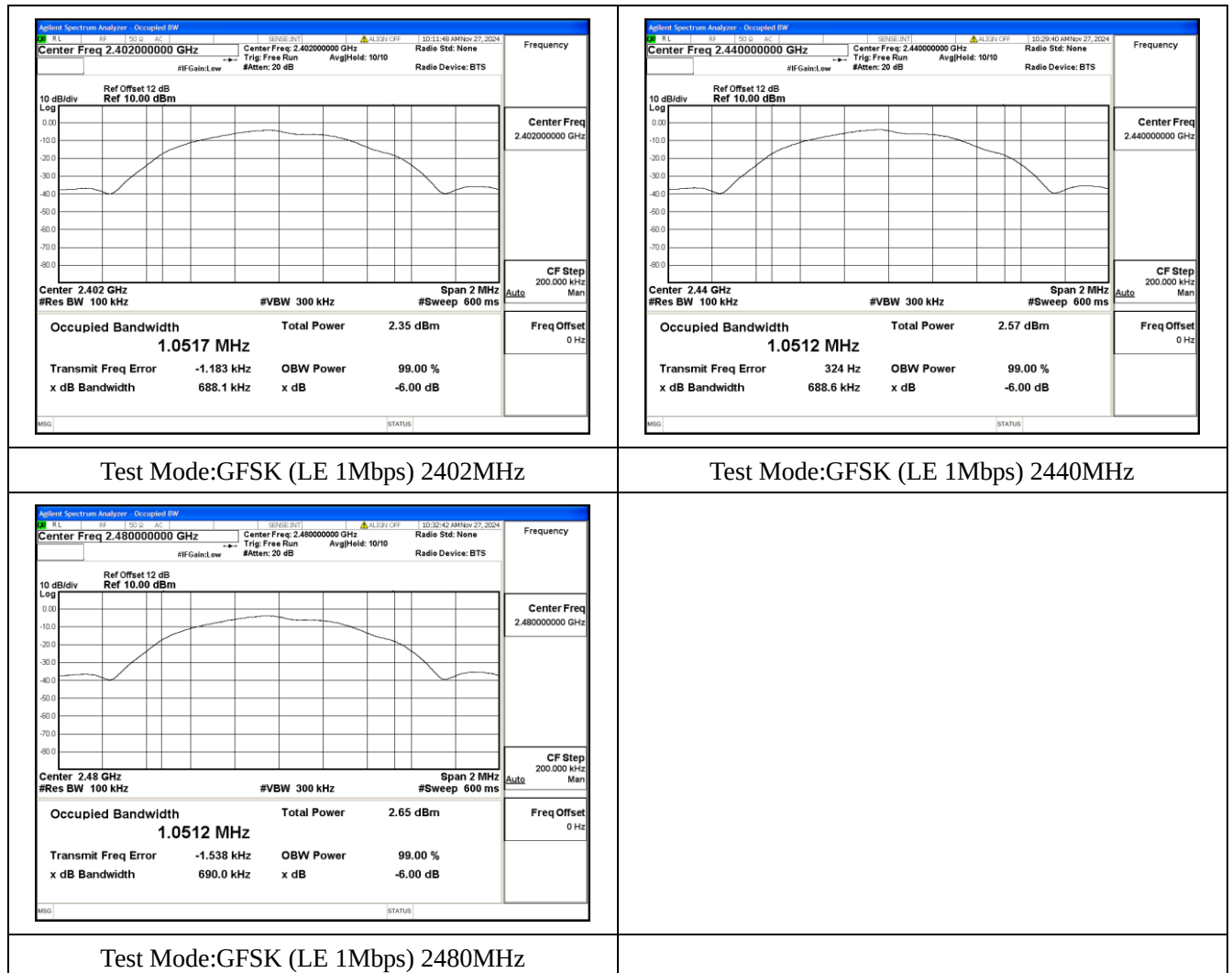
TEST RESULT

Test Mode	Carrier frequency (MHz)	6dB Bandwidth(KHz)
GFSK (LE 1Mbps)	2402	688.1
GFSK (LE 1Mbps)	2440	688.6
GFSK (LE 1Mbps)	2480	690.0



TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)





Test Report No.: PSU-NQN2412170109RF02

OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

Test Mode	Carrier frequency (MHz)	99% Bandwidth(kHz)
GFSK (LE 1Mbps)	2402	1026.8
GFSK (LE 1Mbps)	2440	1026.4
GFSK (LE 1Mbps)	2480	1026.4

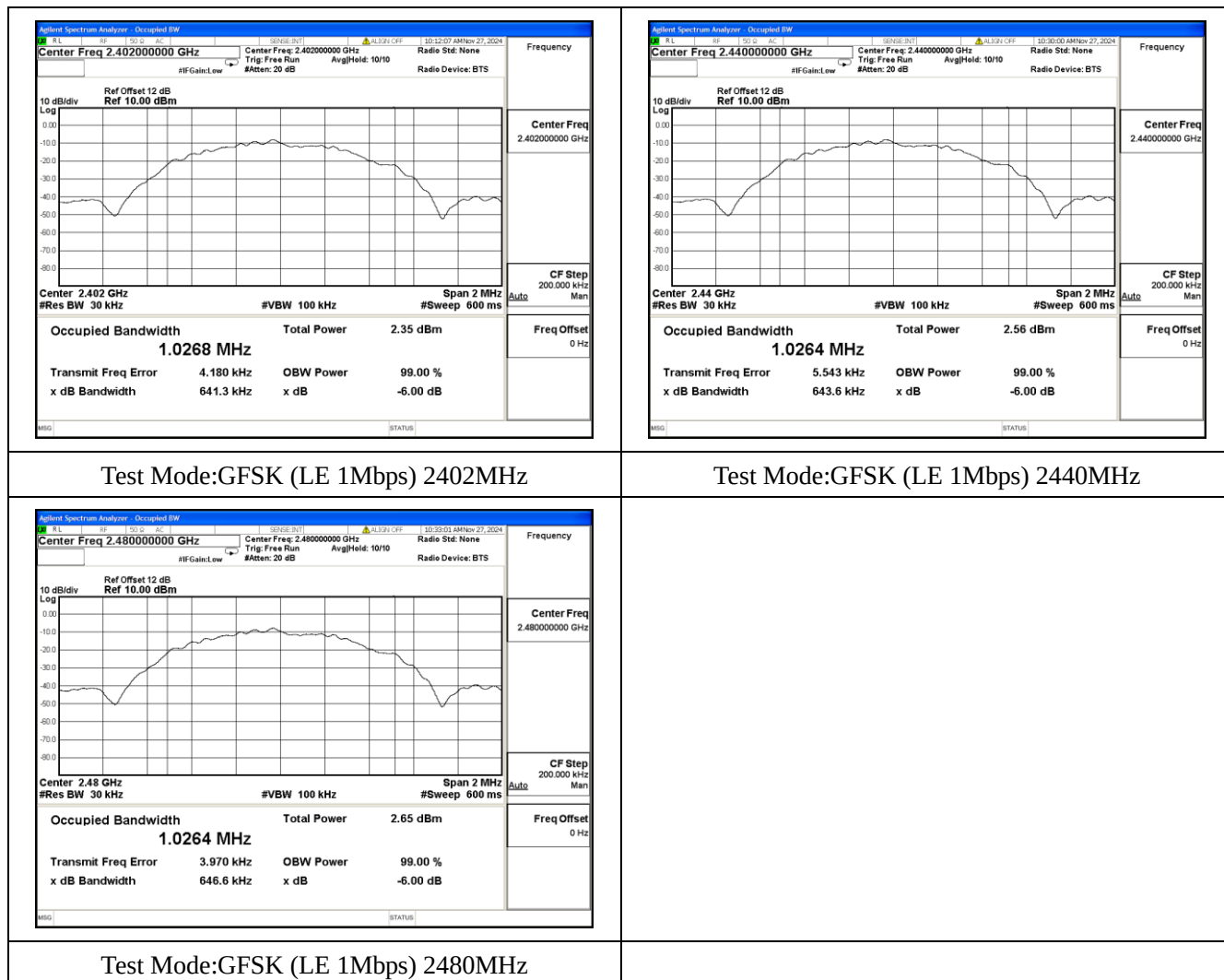


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Test Report No.: PSU-NQN2412170109RF02

TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)



**MAXIMUM CONDUCTED OUTPUT POWER****TEST RESULT**

Modulation type	Conducted Peak Power(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	4.69	4.90	4.99

Modulation type	Conducted Average Power(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	3.90	4.30	4.31

EIRP

Modulation type	Peak EIRP(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	5.39	5.60	5.69

Modulation type	Average EIRP(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	4.60	5.00	5.01

EIRP (dBm)=Conducted Power(dBm)+Antenna Gain(dBi)



Test Report No.: PSU-NQN2412170109RF02

MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

Test Mode	Carrier frequency (MHz)	Channel No.	Power Density (dBm/3kHz)
GFSK (LE 1Mbps)	2402	0	-10.3
GFSK (LE 1Mbps)	2440	19	-10.1
GFSK (LE 1Mbps)	2480	39	-10.0

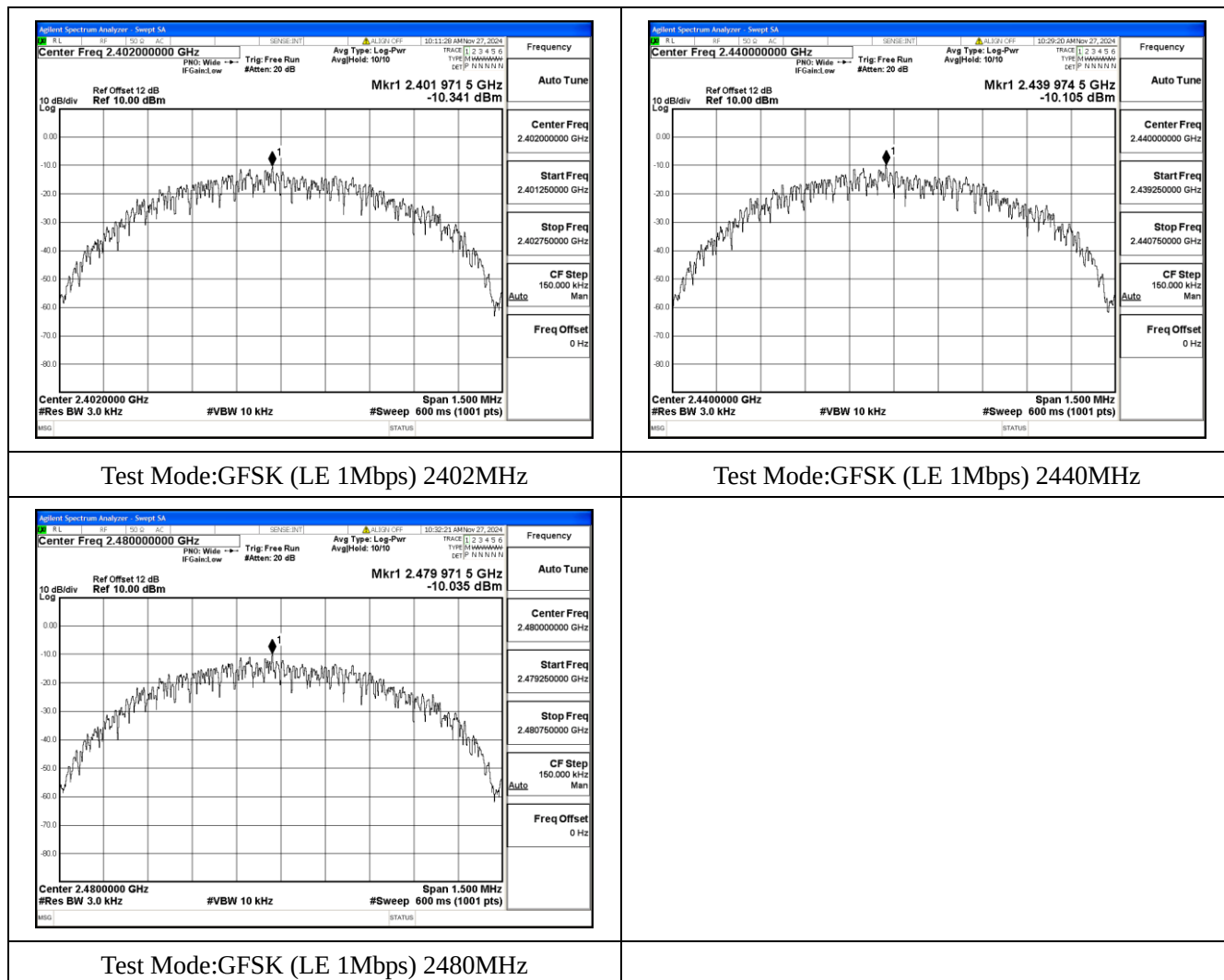


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Test Report No.: PSU-NQN2412170109RF02

TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)





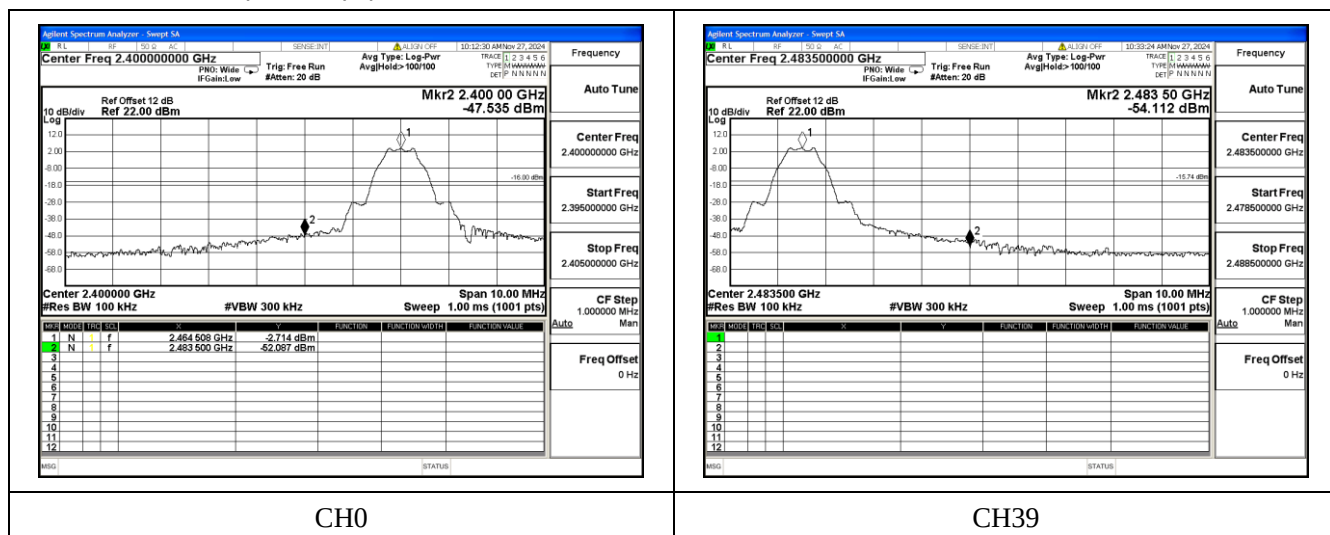
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VERITAS

Test Report No.: PSU-NQN2412170109RF02

BAND EDGE MEASUREMENTS

TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)



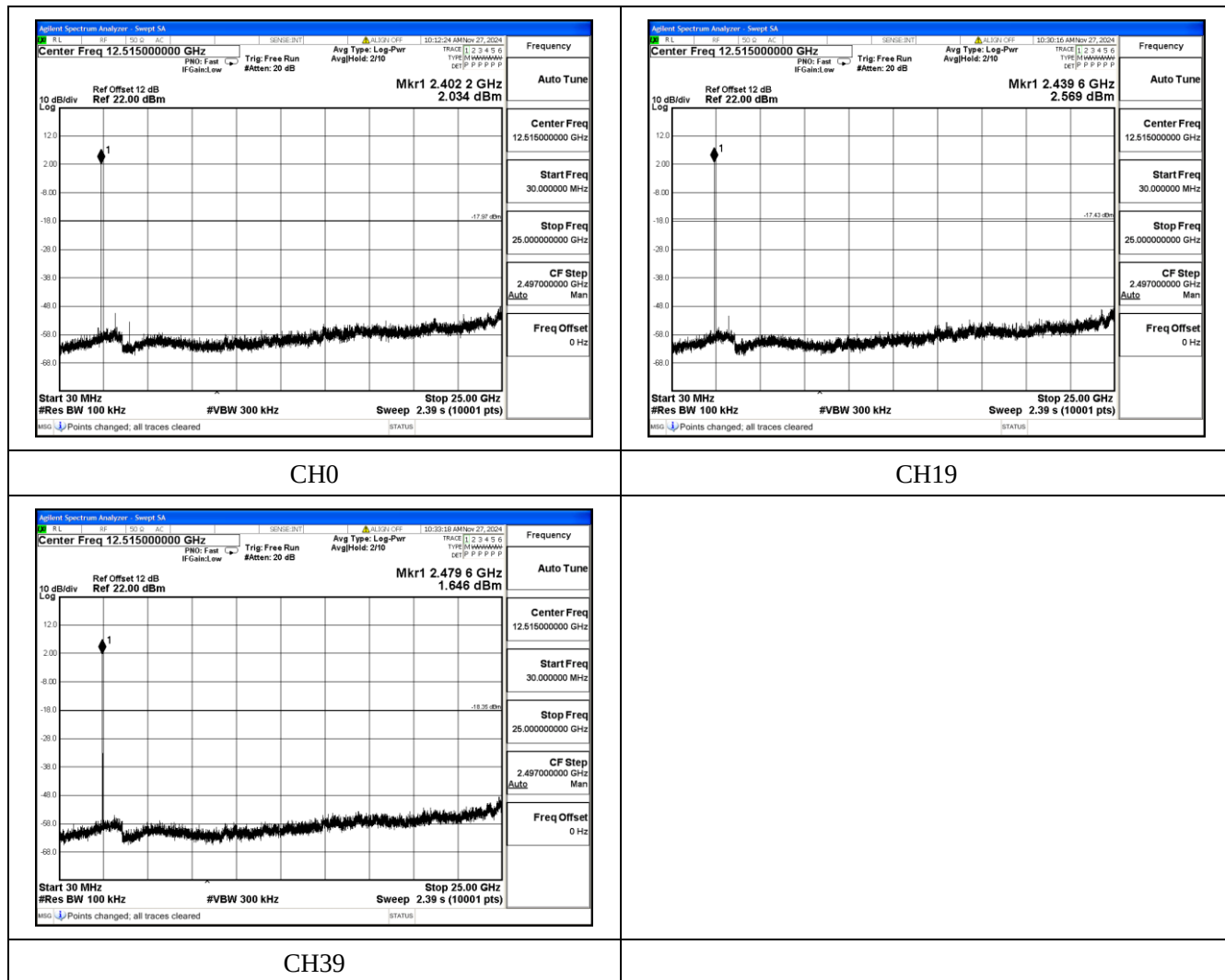


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CONDUCTED SPURIOUS EMISSION TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)





Test Report No.: PSU-NQN2412170109RF02

DUTY CYCLE

TEST RESULT

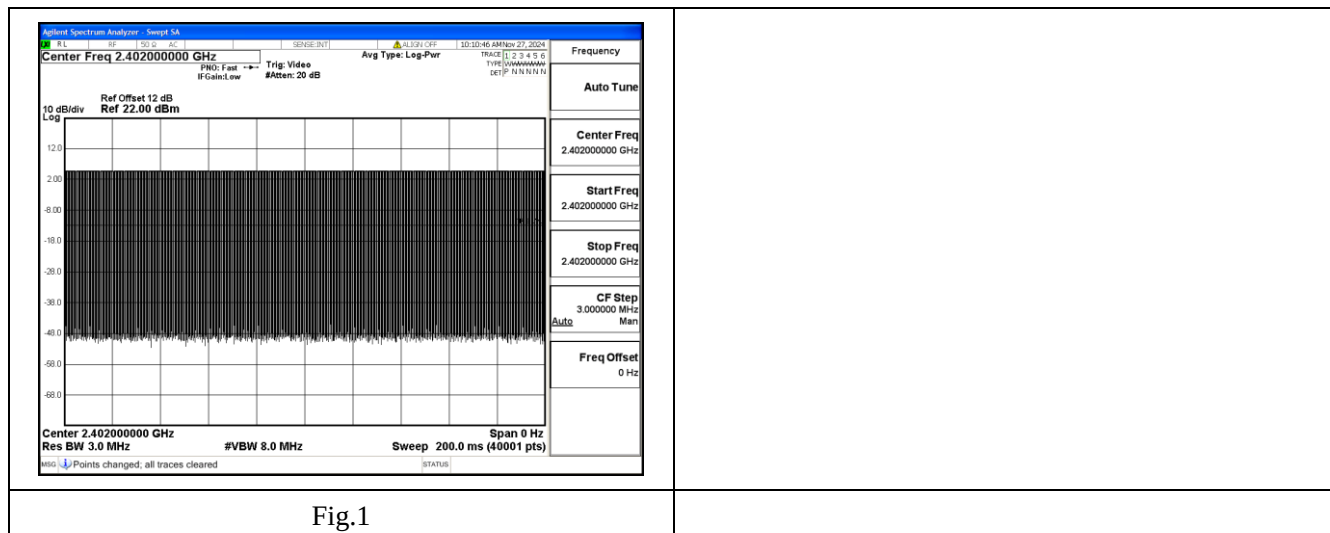
Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
GFSK (LE 1Mbps)	2402	Fig.1	64.70%	1.89	0.70

Note:Correction Factor= $10 \cdot \log(1/\text{Duty Cycle})$



TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)



---END---