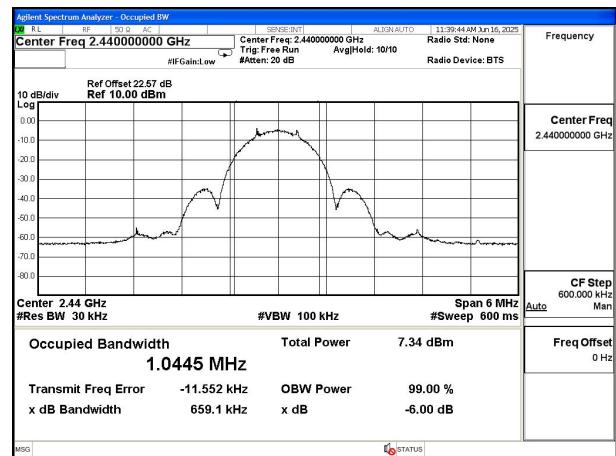
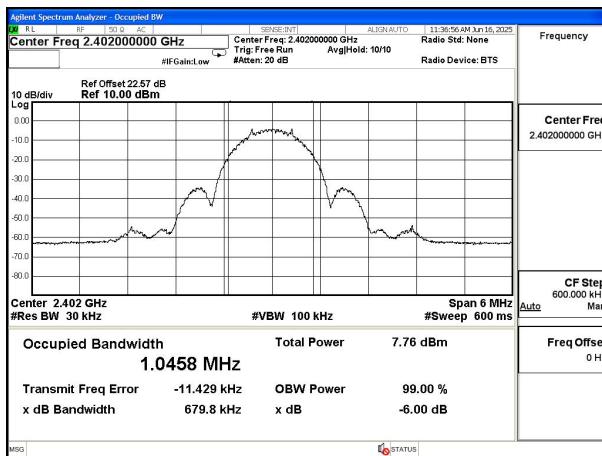




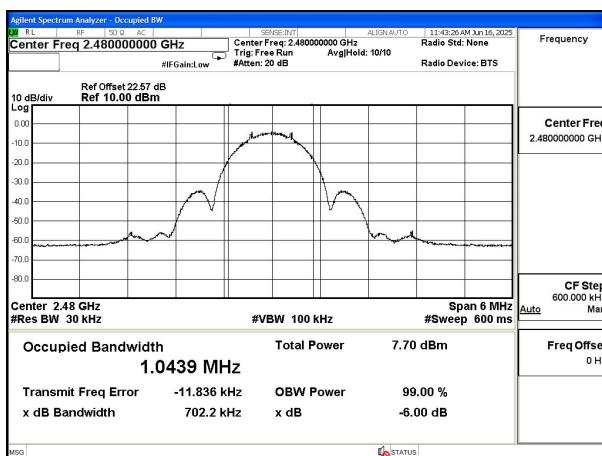
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Test Report No.: PSU-NQN2506100110RF02

Test Mode: Coded 500K



Test Mode: Coded 500K 2402MHz



Test Mode: Coded 500K 2440MHz

Test Mode: Coded 500K 2480MHz



MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

Conducted Power

Modulation type	Conducted Peak Power(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	8.39	7.96	8.29
GFSK (LE 2Mbps)	8.34	7.96	8.33
Coded 125K	8.36	7.93	8.27
Coded 500K	8.37	7.93	8.28

Modulation type	Conducted Average Power(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	7.81	7.76	7.77
GFSK (LE 2Mbps)	8.04	7.83	7.99
Coded 125K	7.99	7.88	8.18
Coded 500K	7.89	7.88	8.42

EIRP

Modulation type	Peak EIRP(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	7.95	7.52	7.85
GFSK (LE 2Mbps)	7.90	7.52	7.89
Coded 125K	7.92	7.49	7.83
Coded 500K	7.93	7.49	7.84

Modulation type	Average EIRP(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	7.37	7.32	7.33
GFSK (LE 2Mbps)	7.60	7.39	7.55
Coded 125K	7.55	7.44	7.74
Coded 500K	7.45	7.44	7.98

$$\text{EIRP (dBm)} = \text{Conducted Power(dBm)} + \text{Antenna Gain(dBi)}$$



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

Test Mode	Carrier frequency (MHz)	Channel No.	Power Density (dBm/3kHz)
GFSK (LE 1Mbps)	2402	0	-8.7
GFSK (LE 1Mbps)	2440	19	-8.9
GFSK (LE 1Mbps)	2480	39	-8.6

Test Mode	Carrier frequency (MHz)	Channel No.	Power Density (dBm/3kHz)
GFSK (LE 2Mbps)	2402	0	-10.9
GFSK (LE 2Mbps)	2440	19	-11.0
GFSK (LE 2Mbps)	2480	39	-10.6

Test Mode	Carrier frequency (MHz)	Channel No.	Power Density (dBm/3kHz)
Coded 125K	2402	0	2.0
Coded 125K	2440	19	1.6
Coded 125K	2480	39	2.0

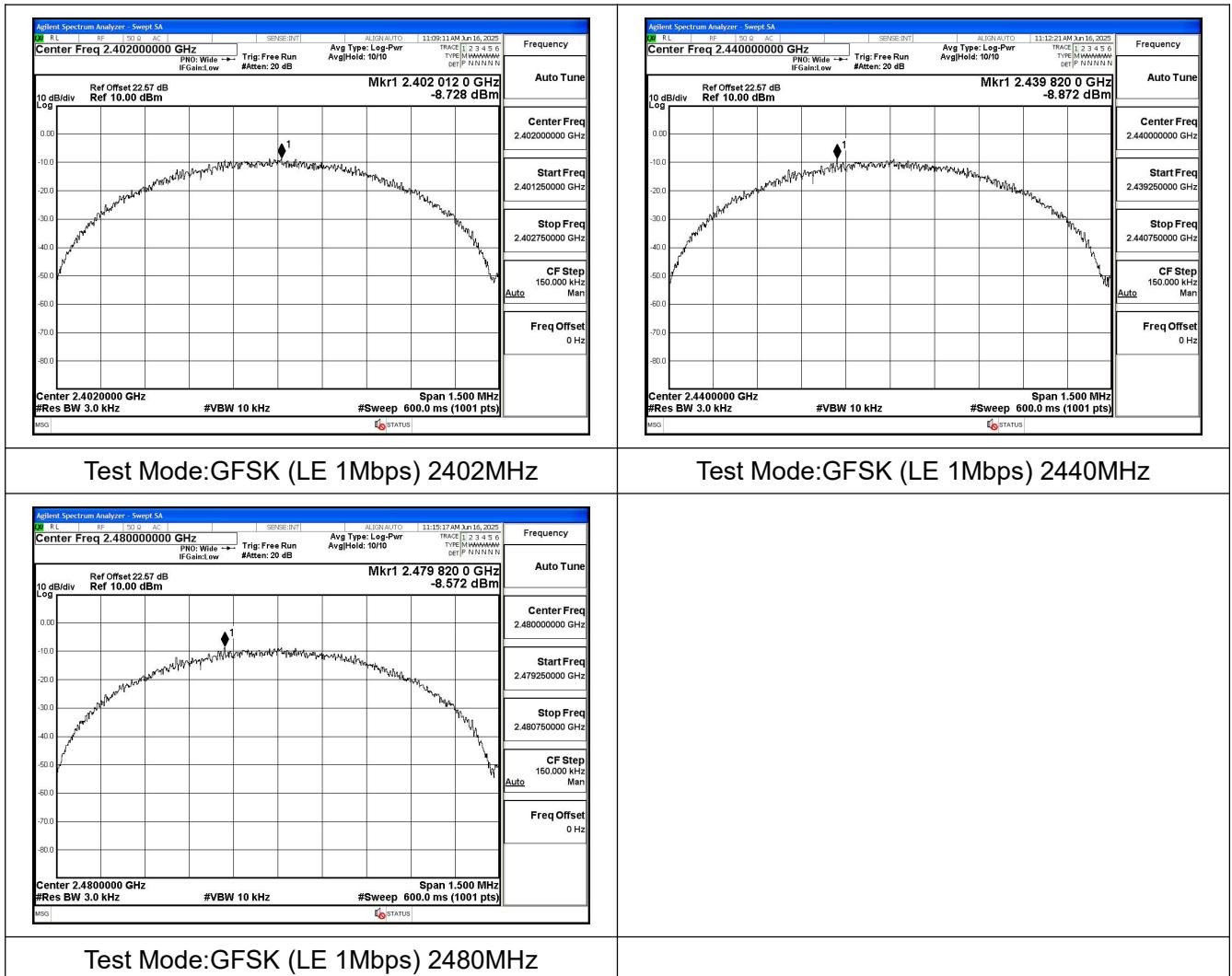
Test Mode	Carrier frequency (MHz)	Channel No.	Power Density (dBm/3kHz)
Coded 500K	2402	0	1.5
Coded 500K	2440	19	-0.6
Coded 500K	2480	39	-4.8

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Test Report No.: PSU-NQN2506100110RF02

TEST GRAPHS

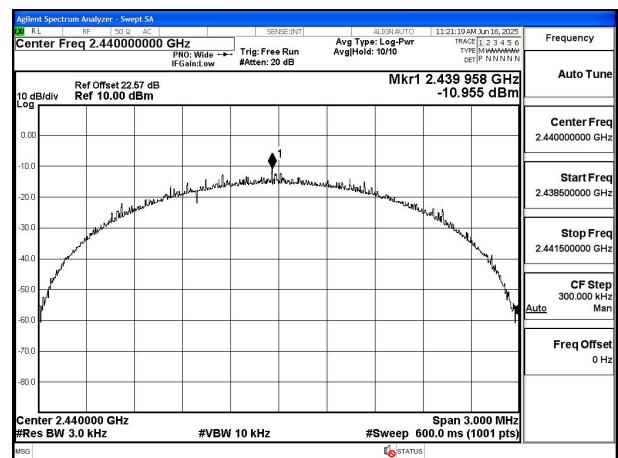
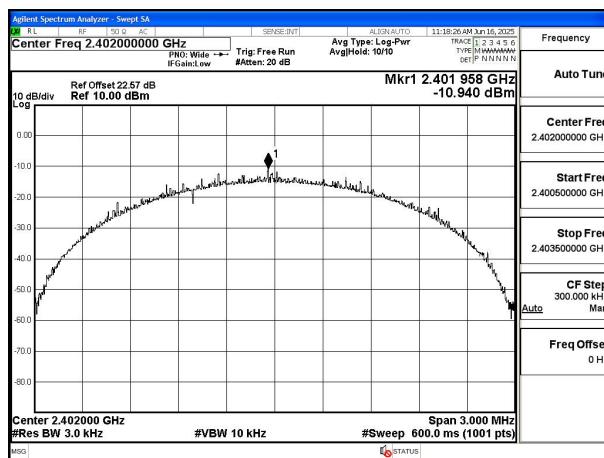
Test Mode: GFSK (LE 1Mbps)



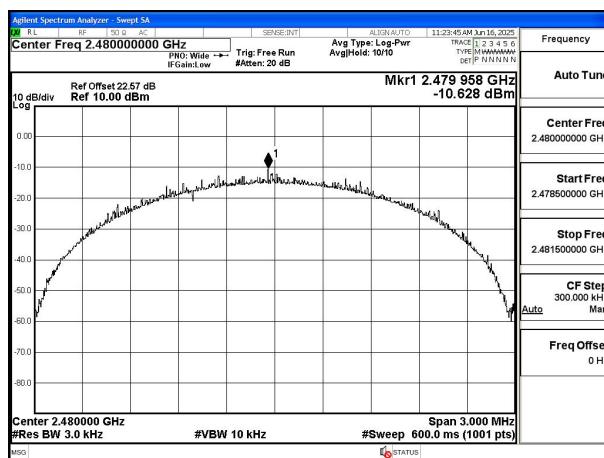
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VERITAS

Test Report No.: PSU-NQN2506100110RF02

Test Mode: GFSK (LE 2Mbps)



Test Mode: GFSK (LE 2Mbps) 2402MHz



Test Mode: GFSK (LE 2Mbps) 2440MHz

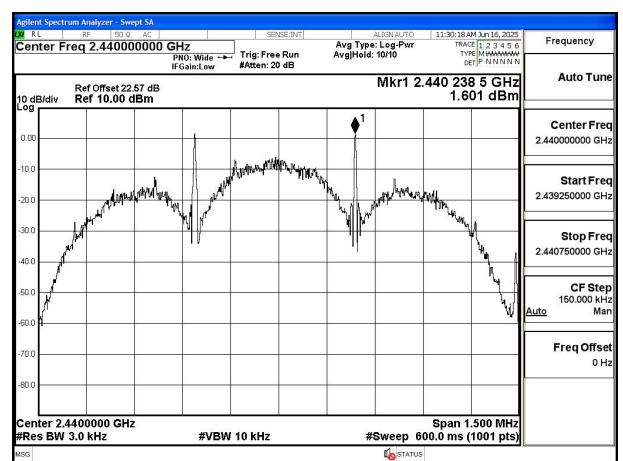
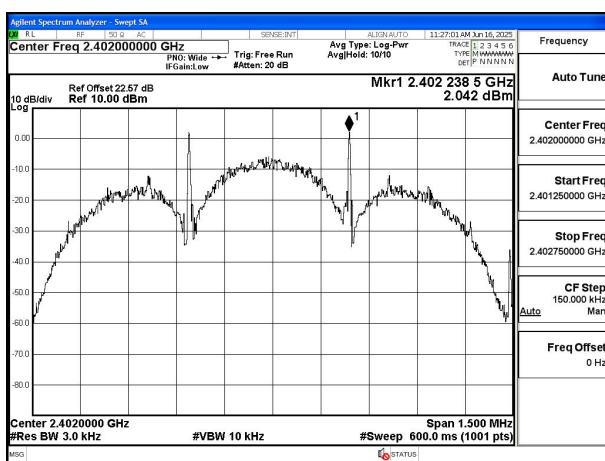
Test Mode: GFSK (LE 2Mbps) 2480MHz



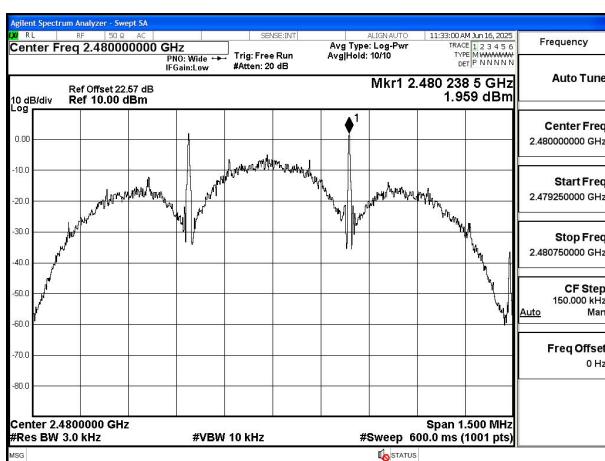
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Test Report No.: PSU-NQN2506100110RF02

Test Mode: Coded 125K



Test Mode:Coded 125K 2402MHz



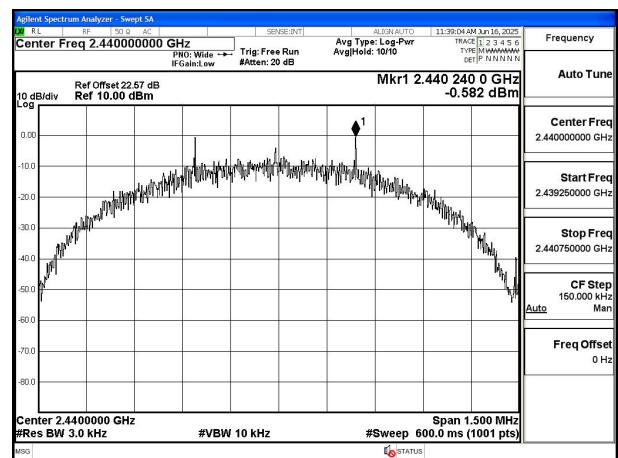
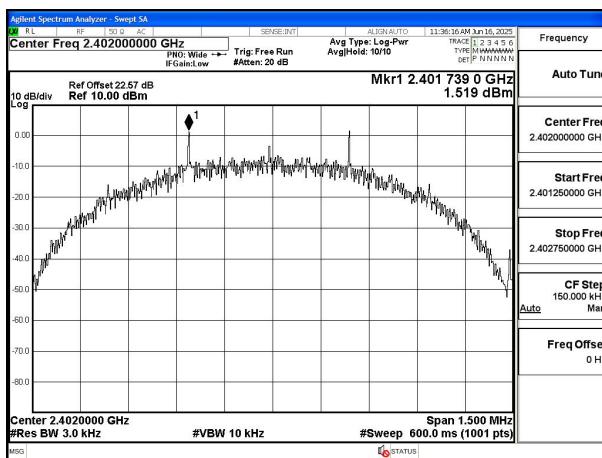
Test Mode:Coded 125K 2440MHz

Test Mode:Coded 125K 2480MHz

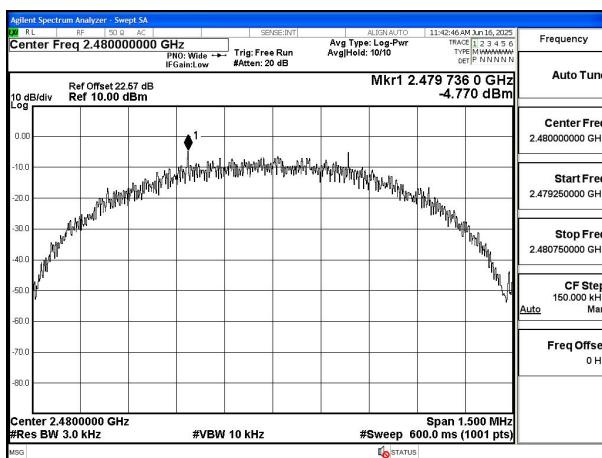
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VERITAS

Test Report No.: PSU-NQN2506100110RF02

Test Mode: Coded 500K



Test Mode: Coded 500K 2402MHz



Test Mode: Coded 500K 2440MHz

Test Mode: Coded 500K 2480MHz

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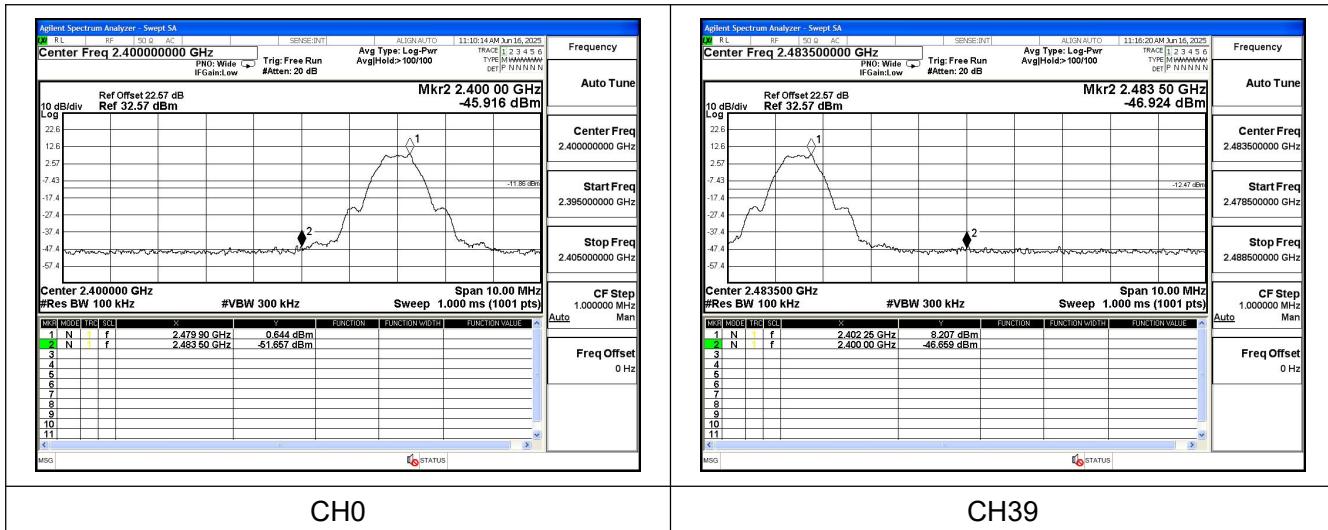
Test Report No.: PSU-NQN2506100110RF02

BAND EDGE MEASUREMENTS

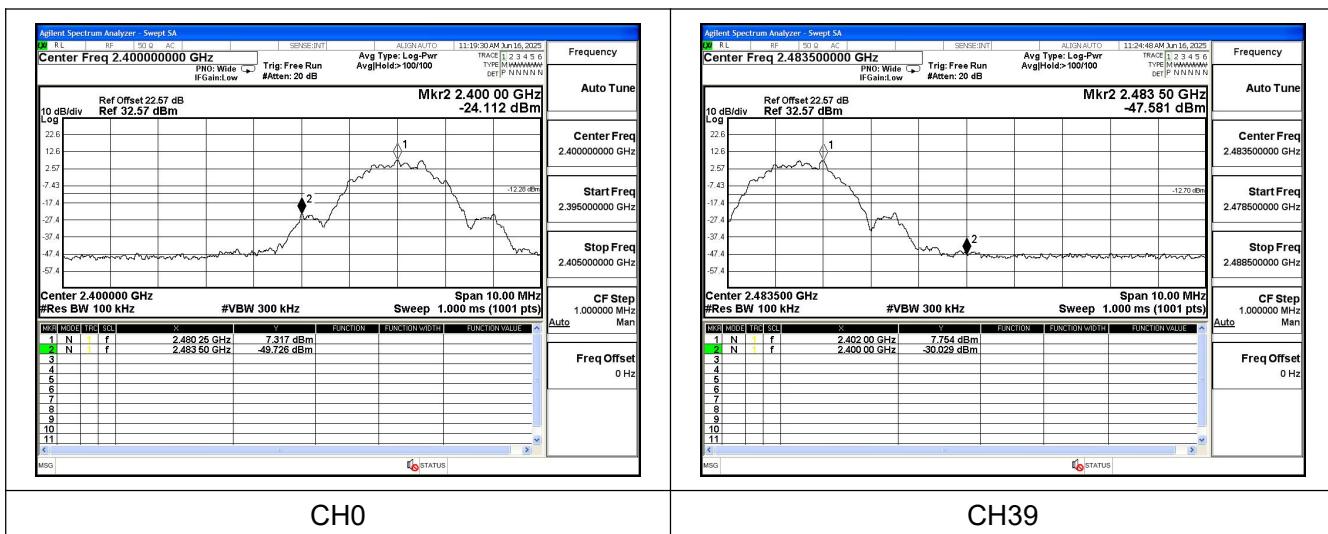
TEST RESULT

TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)



Test Mode: GFSK (LE 2Mbps)

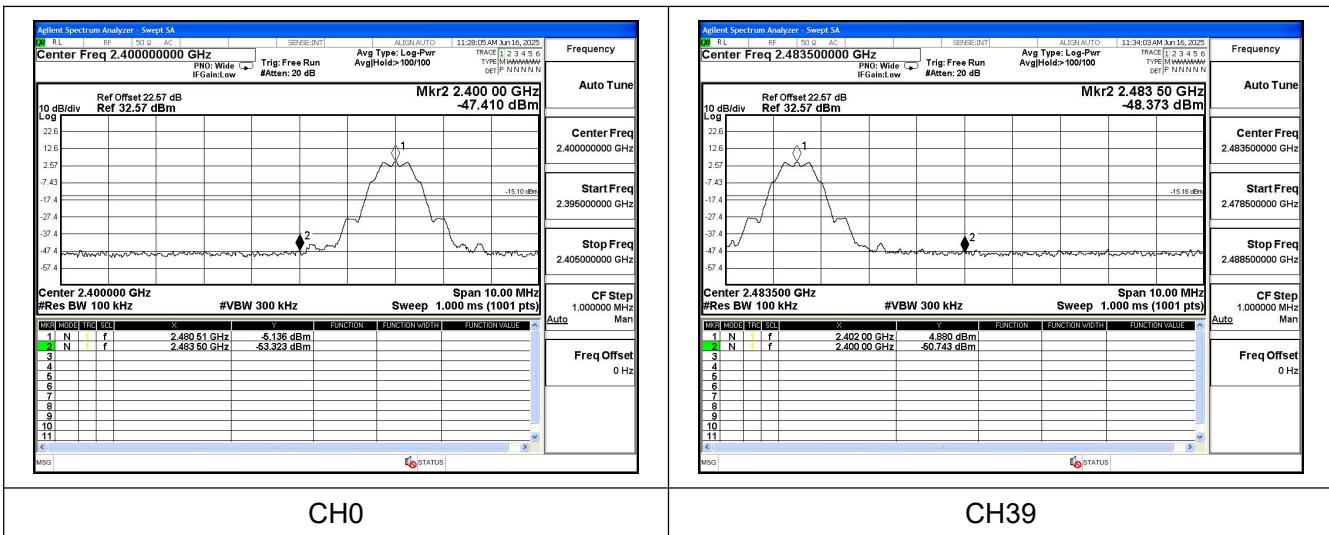




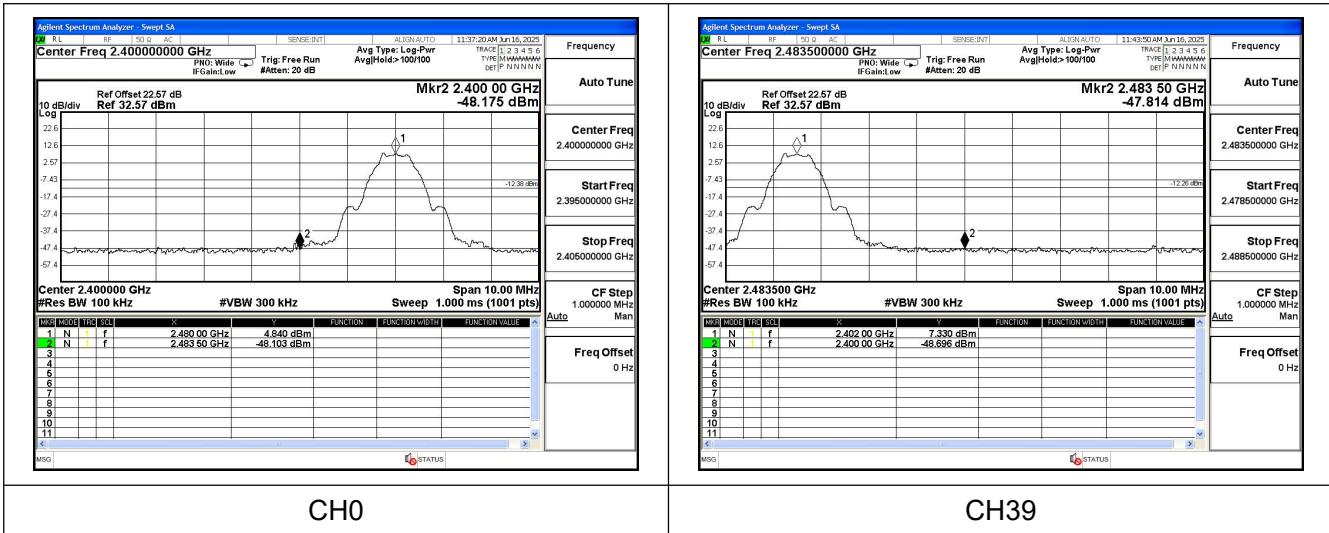
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VERITAS

Test Report No.: PSU-NQN2506100110RF02

Test Mode: Coded 125K



Test Mode: Coded 500K





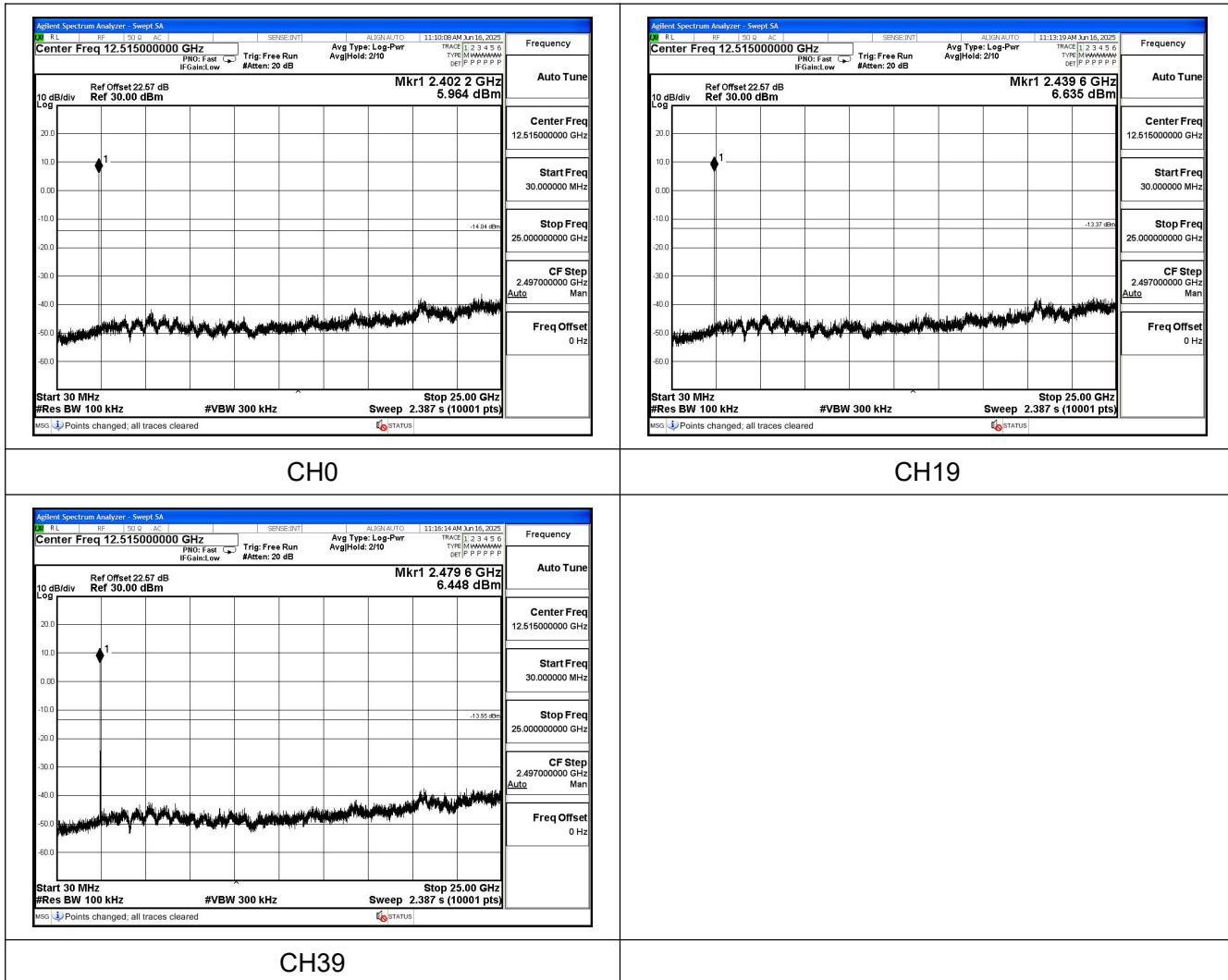
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VERITAS

Test Report No.: PSU-NQN2506100110RF02

CONDUCTED SPURIOUS EMISSION

TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)

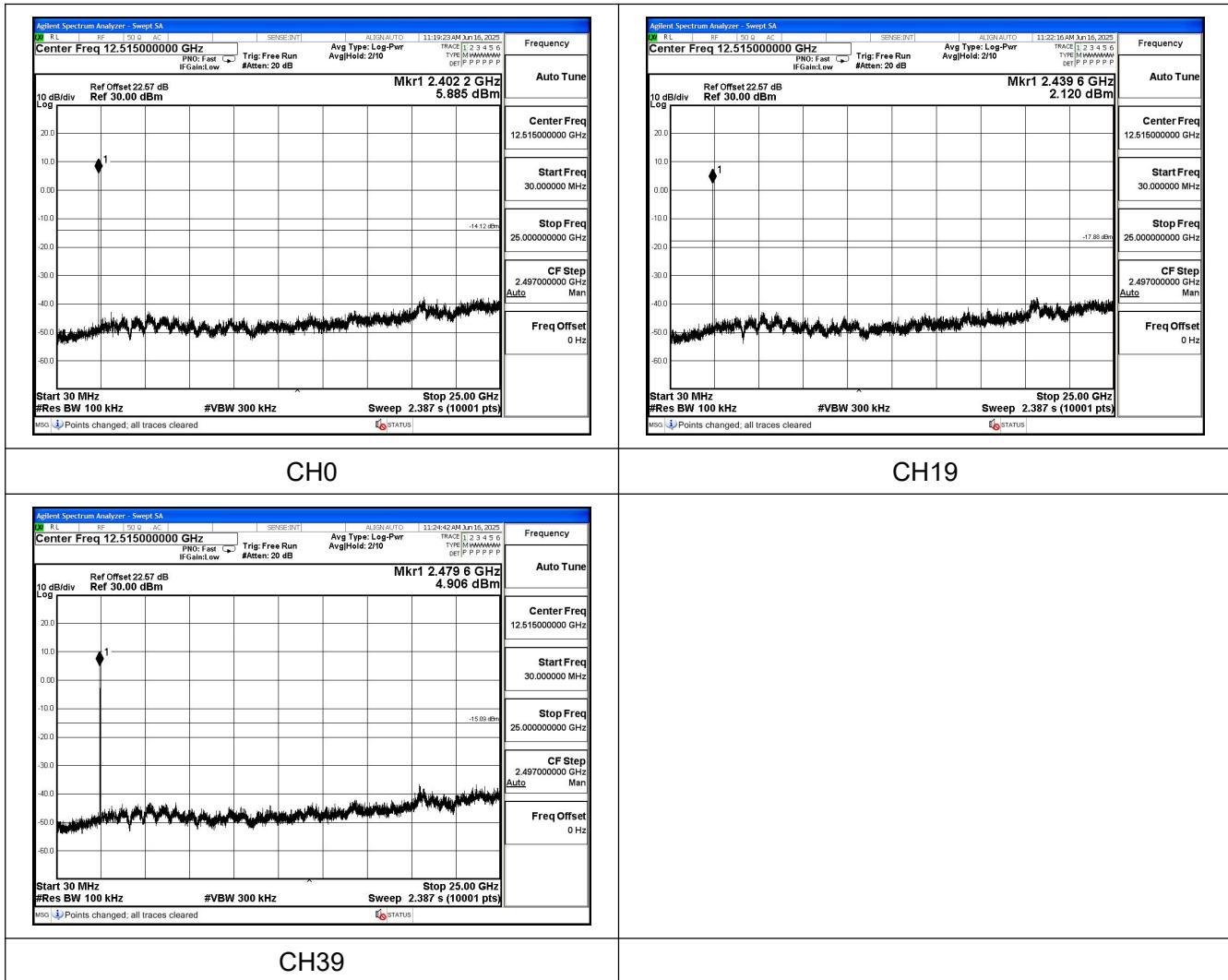




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VERITAS

Test Report No.: PSU-NQN2506100110RF02

Test Mode: GFSK (LE 2Mbps)

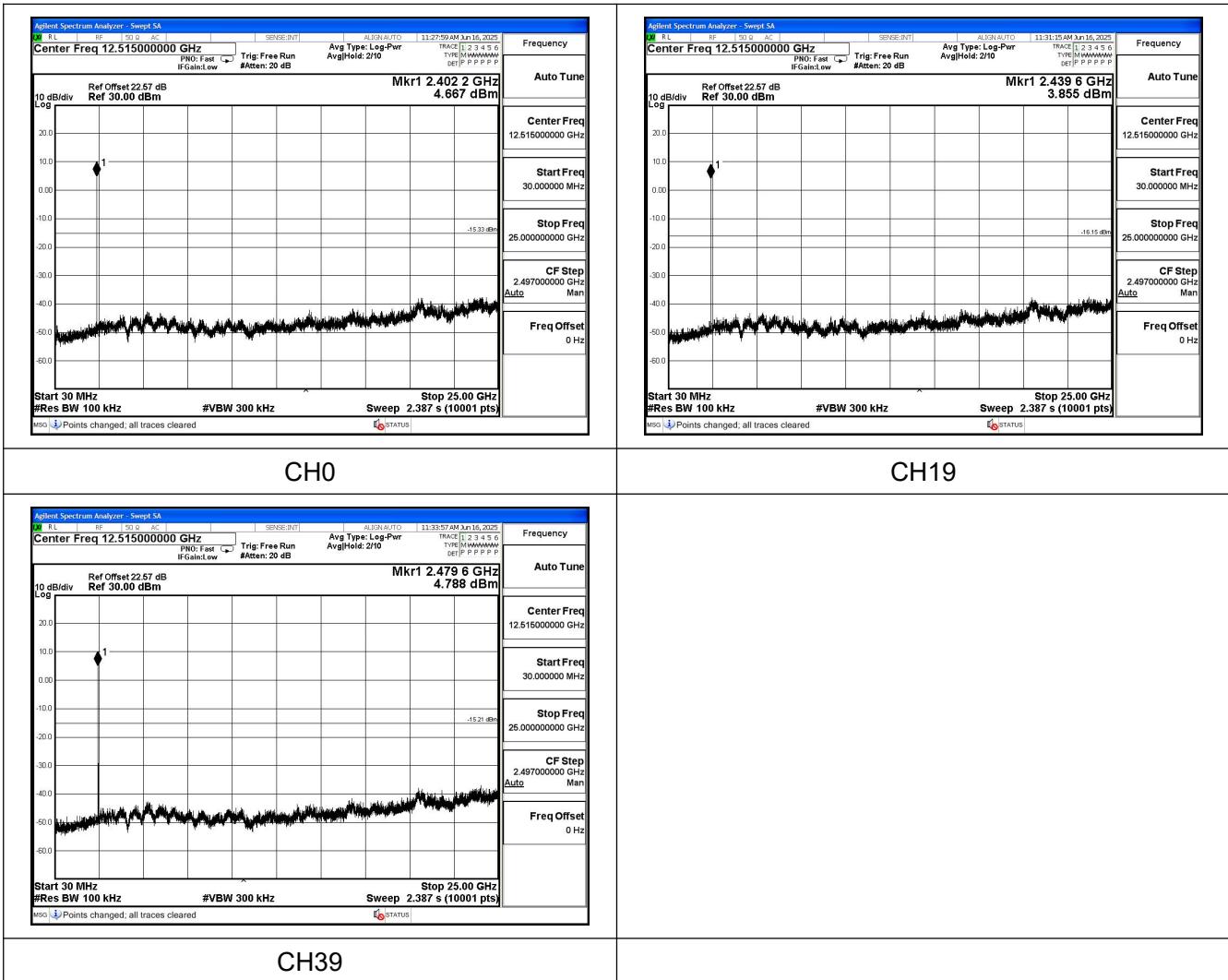




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VERITAS

Test Report No.: PSU-NQN2506100110RF02

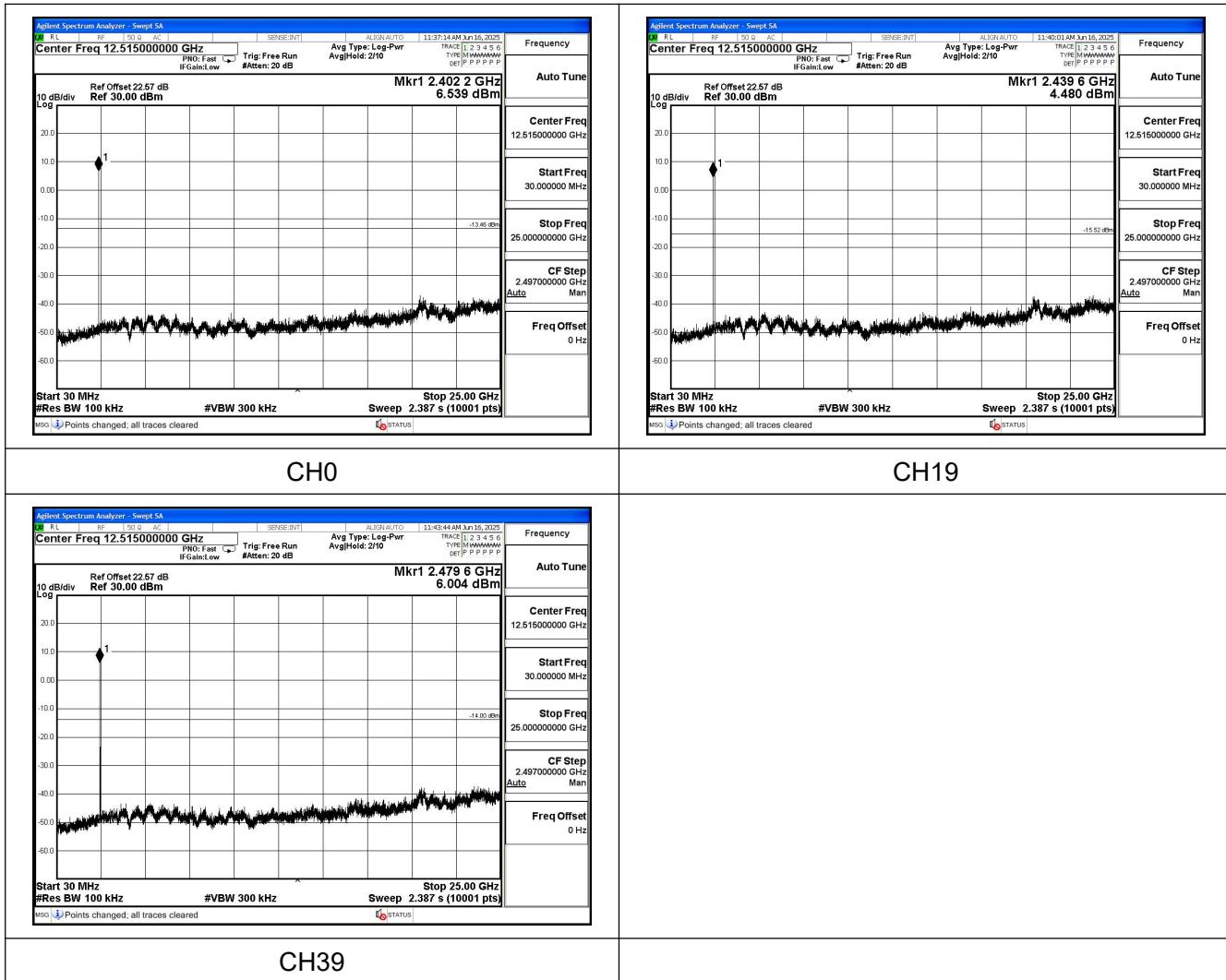
Test Mode: Coded 125K



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VERITAS

Test Report No.: PSU-NQN2506100110RF02

Test Mode: Coded 500K





DUTY CYCLE

TEST RESULT

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
GFSK (LE 1Mbps)	2402	Fig.1	17.50%	7.57	4.17

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

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
GFSK (LE 2Mbps)	2402	Fig.2	12.70%	8.96	4.17

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

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
Coded 125K	2402	Fig.3	60.30%	2.20	4.17

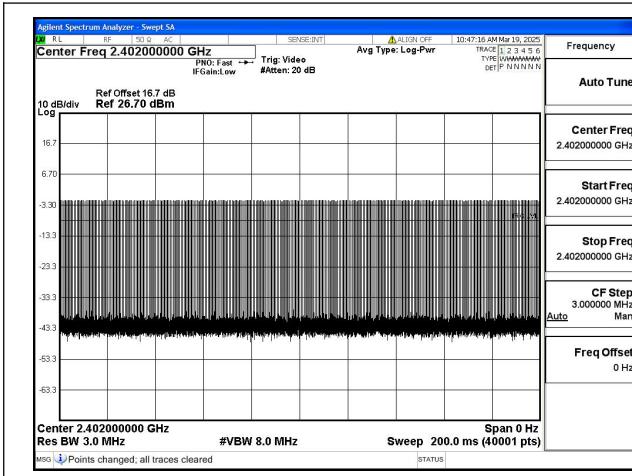
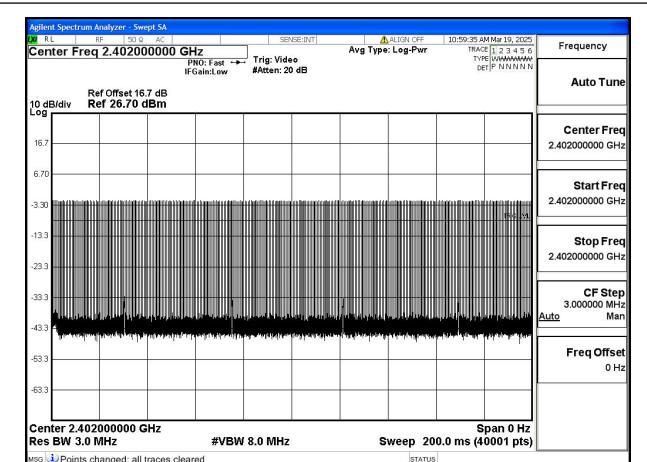
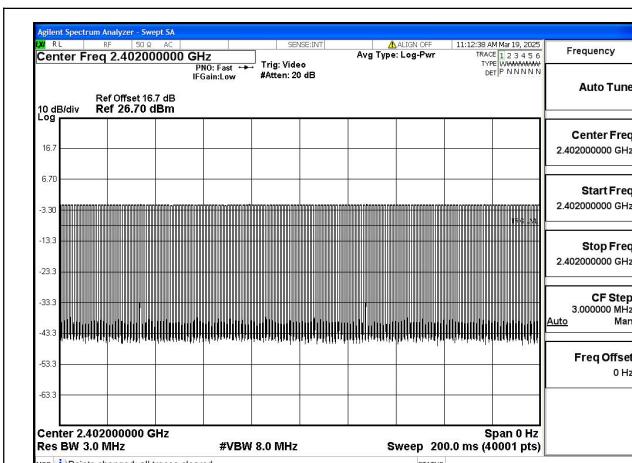
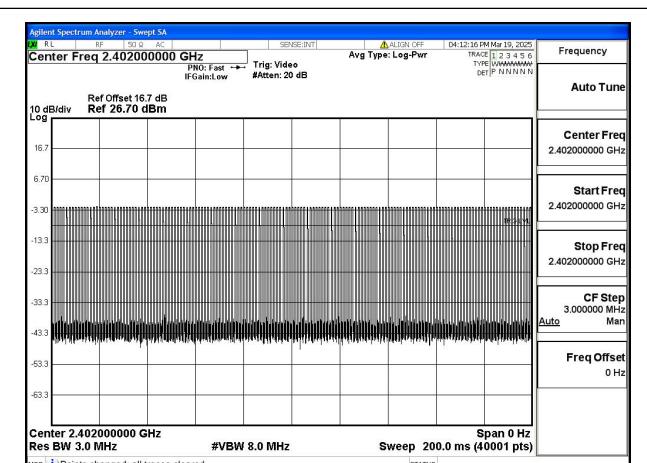
Note: Correction Factor=10*log(1/Duty Cycle)

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
Coded 500K	2402	Fig.4	40.30%	3.95	4.17

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

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VERITAS****Test Report No.: PSU-NQN2506100110RF02**

TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)**Fig.1****Test Mode: GFSK (LE 2Mbps)****Fig.2****Test Mode: Coded 125K****Fig.3****Test Mode: Coded 500K****Fig.4****---END---**