



BUREAU
VERITAS

Test Report No.: PSU-NQN2412170209

TEST GRAPHS

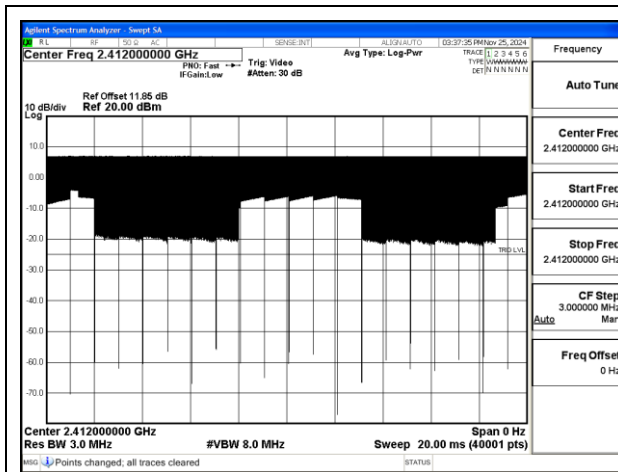


Fig.1

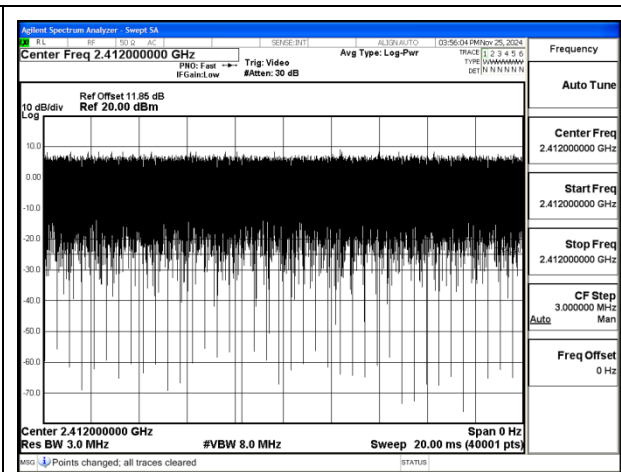


Fig.2

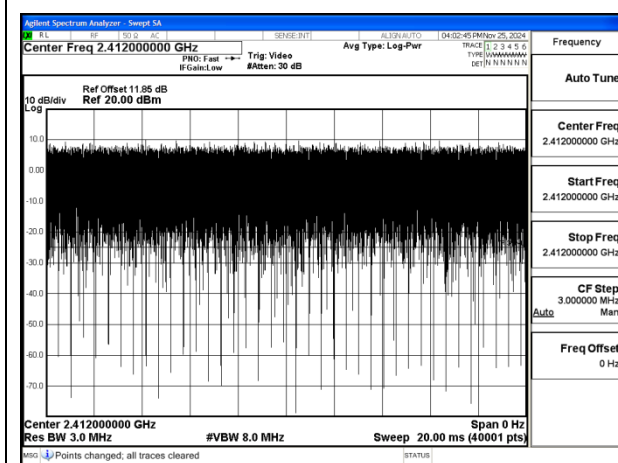


Fig.3

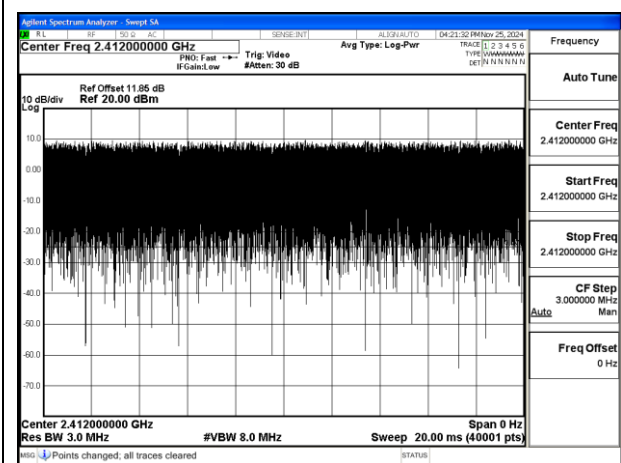


Fig.4

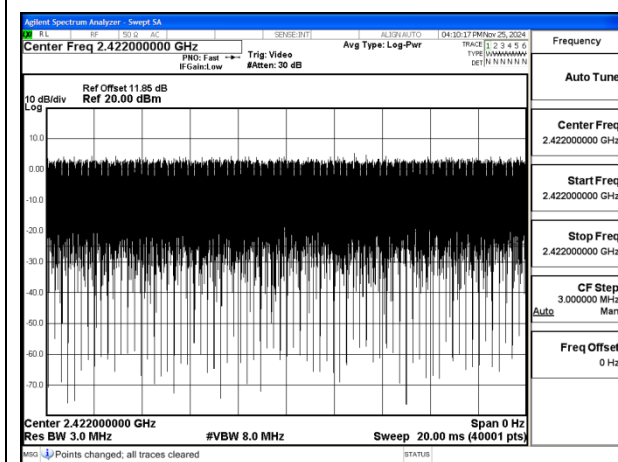


Fig.5

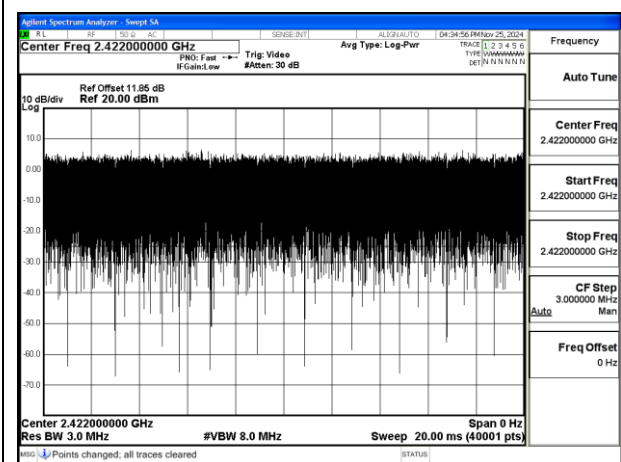


Fig.6



Test Report No.: PSU-NQN2412170209

7 APPENDIX 2 BLE

DTS BANDWIDTH

TEST RESULT

Test Mode	Carrier frequency (MHz)	6dB Bandwidth(KHz)
GFSK (LE 1Mbps)	2402	682.0
GFSK (LE 1Mbps)	2440	687.4
GFSK (LE 1Mbps)	2480	688.3

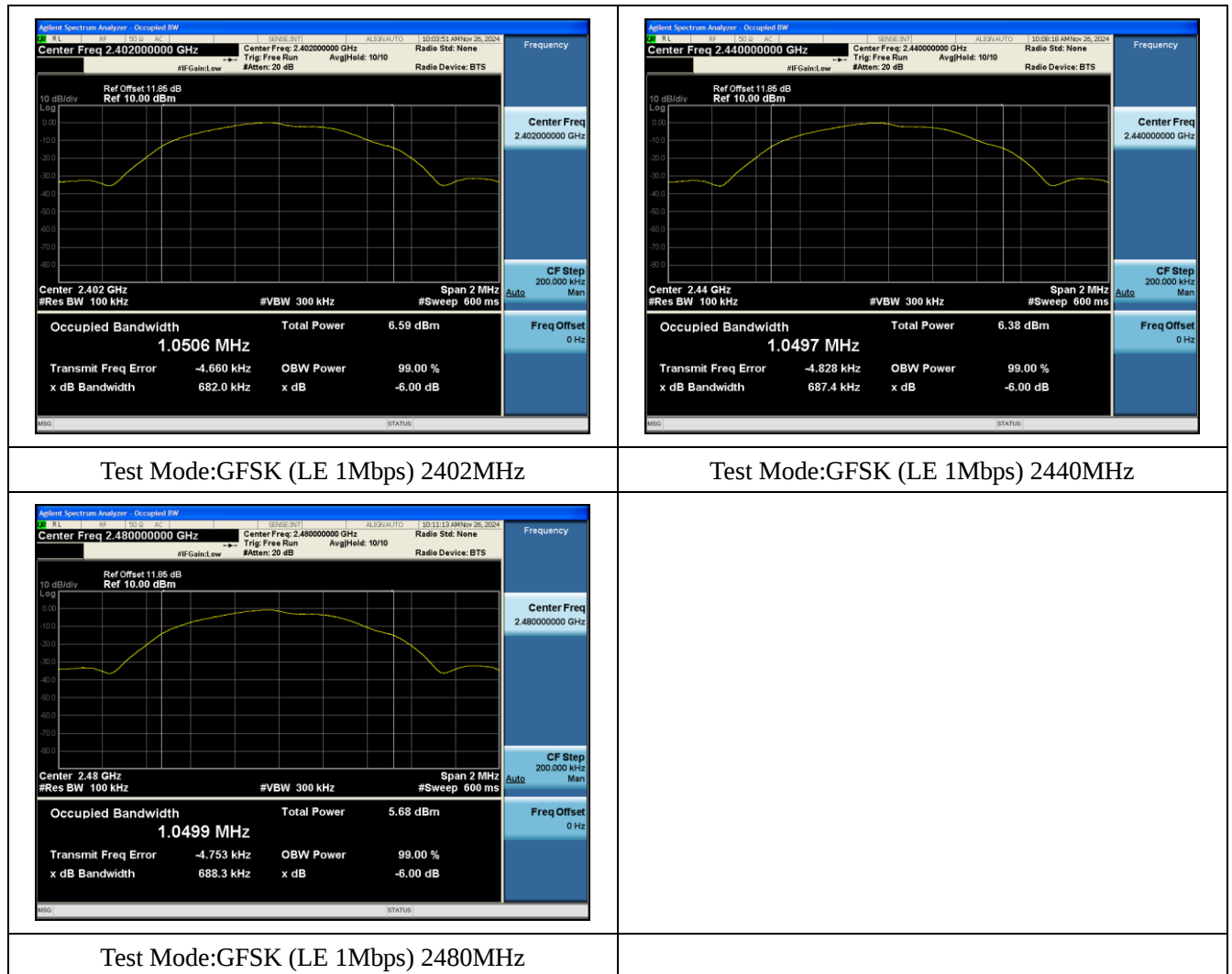


BUREAU
VERITAS

Test Report No.: PSU-NQN2412170209

TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)





Test Report No.: PSU-NQN2412170209

OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

Test Mode	Carrier frequency (MHz)	99% Bandwidth(kHz)
GFSK (LE 1Mbps)	2402	1025.8
GFSK (LE 1Mbps)	2440	1024.7
GFSK (LE 1Mbps)	2480	1025.1



BUREAU
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Test Mode: GFSK (LE 1Mbps)



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

Modulation type	Conducted Peak Power(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	8.80	8.98	8.60

Modulation type	Conducted Average Power(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	8.08	8.73	7.94

EIRP

Modulation type	Peak EIRP(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	9.50	9.68	9.30

Modulation type	Average EIRP(dBm)		
	2402MHz	2440MHz	2480MHz
GFSK (LE 1Mbps)	8.78	9.43	8.64

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



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MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

Test Mode	Carrier frequency (MHz)	Channel No.	Power Density (dBm/3kHz)
GFSK (LE 1Mbps)	2402	0	-6.3
GFSK (LE 1Mbps)	2440	19	-6.5
GFSK (LE 1Mbps)	2480	39	-7.2

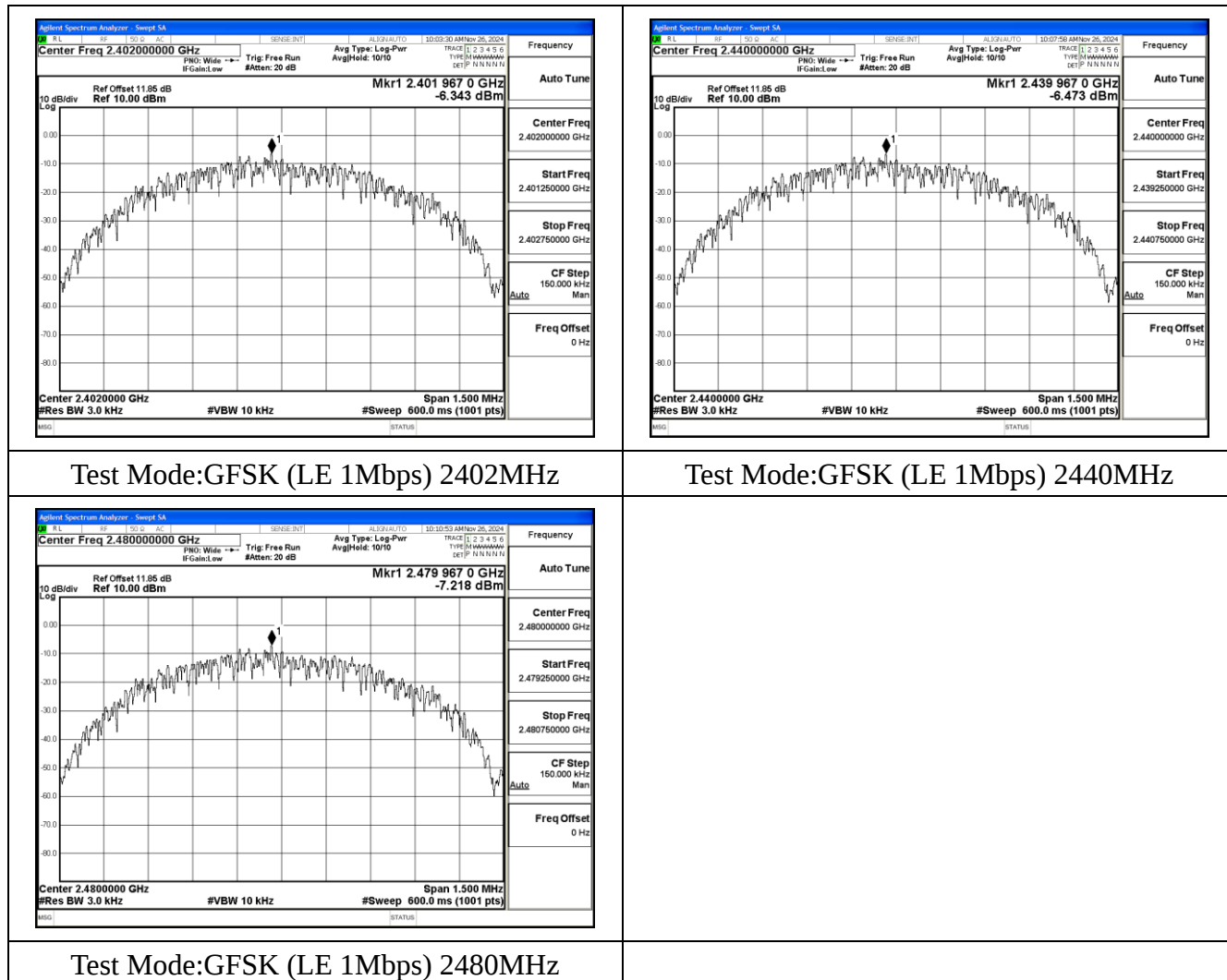


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Test Report No.: PSU-NQN2412170209

TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)





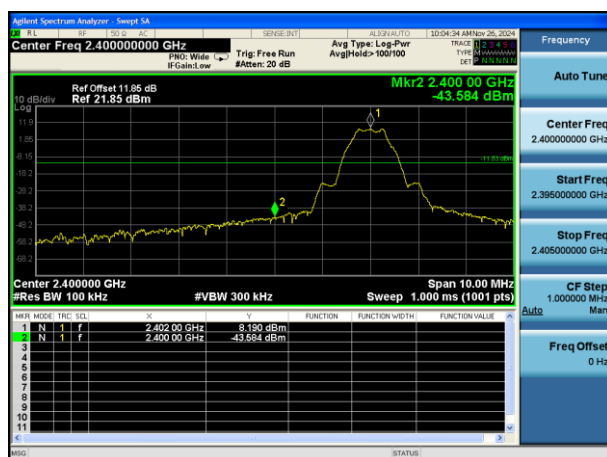
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VERITAS

Test Report No.: PSU-NQN2412170209

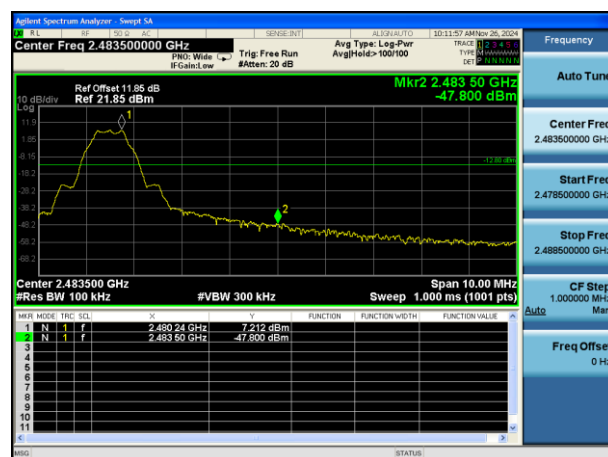
BAND EDGE MEASUREMENTS

TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)



CH0



CH39

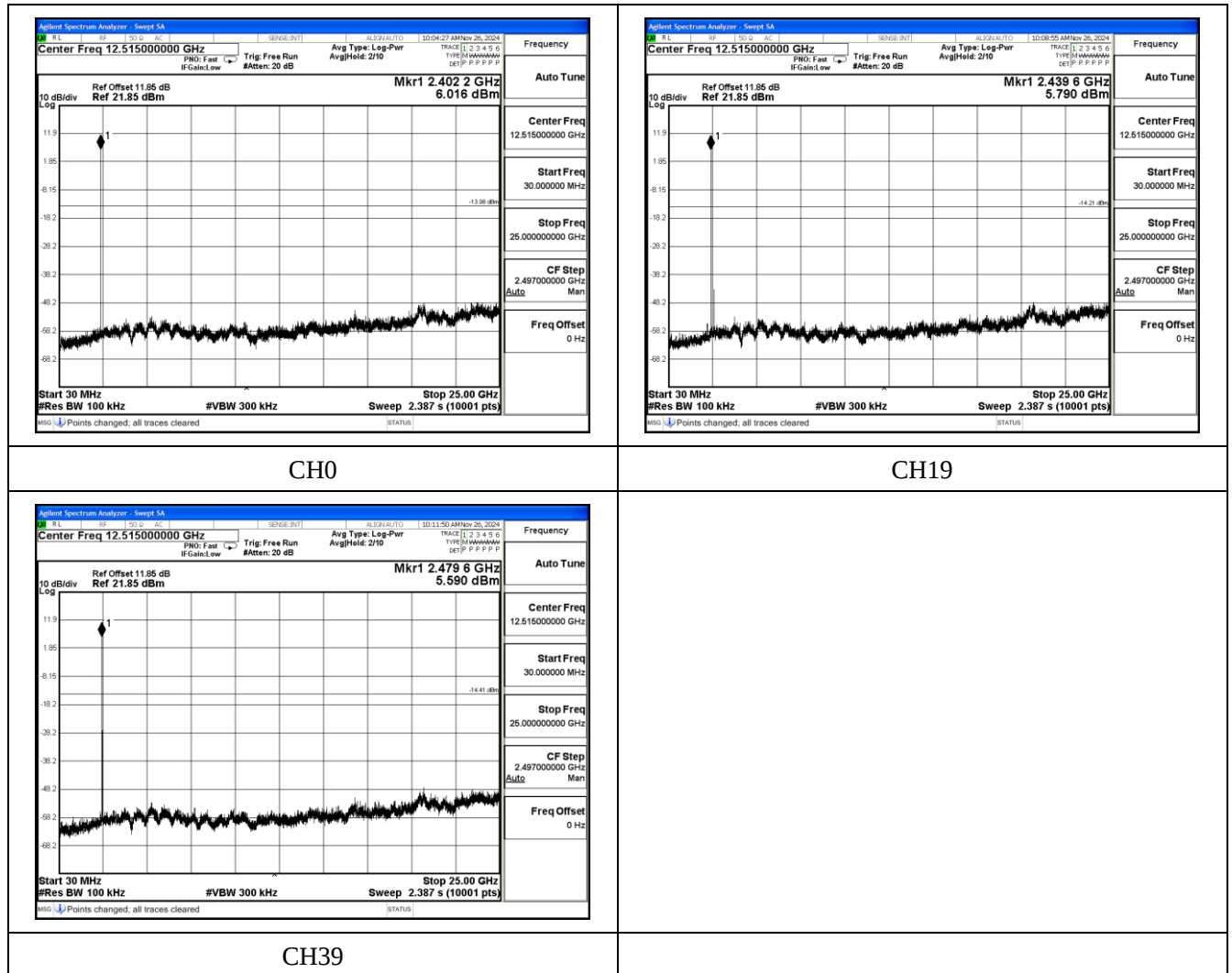


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CONDUCTED SPURIOUS EMISSION TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)





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DUTY CYCLE

TEST RESULT

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
GFSK (LE 1Mbps)	2402	Fig.1	66.90%	1.75	0.00

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



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TEST GRAPHS

Test Mode: GFSK (LE 1Mbps)

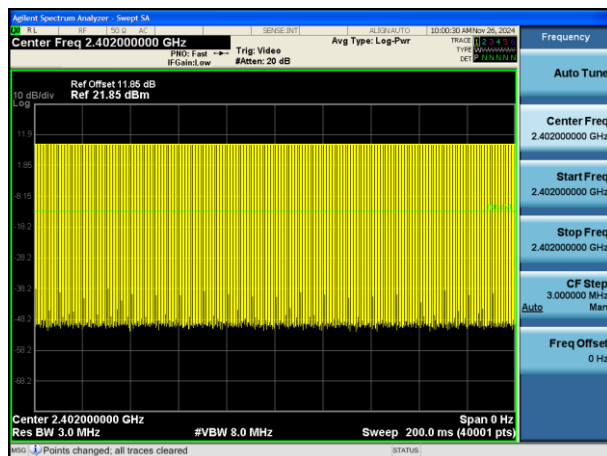


Fig.1

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