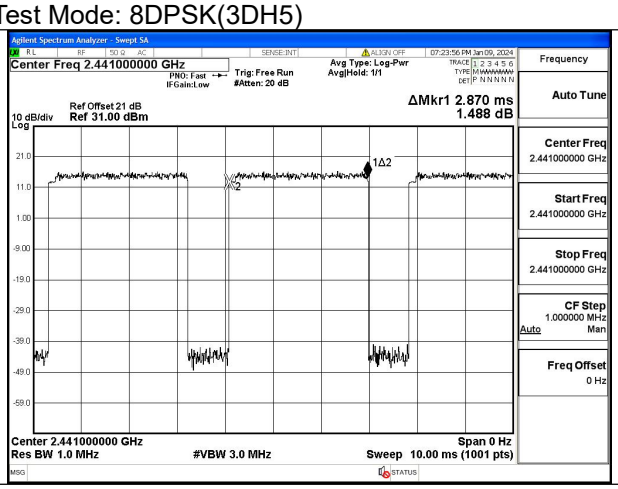
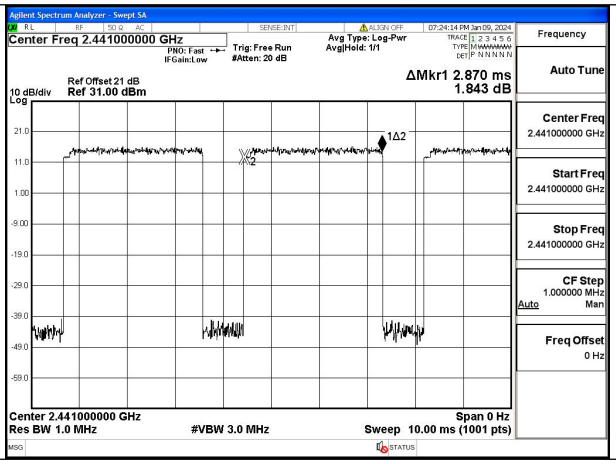
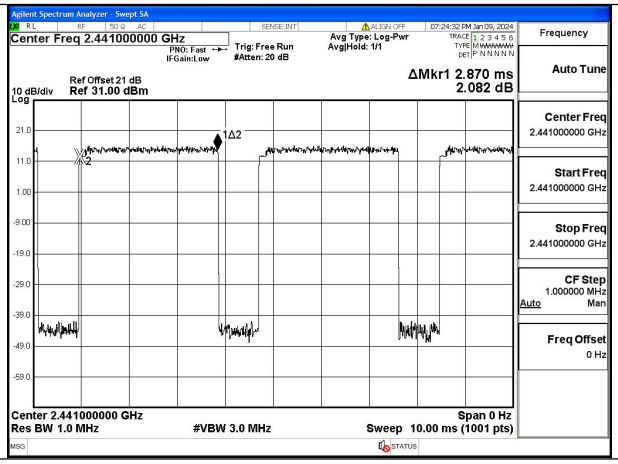
Test Mode: 8DPSK(3DH5)



Test Mode:8DPSK(3DH1) 2441MHz



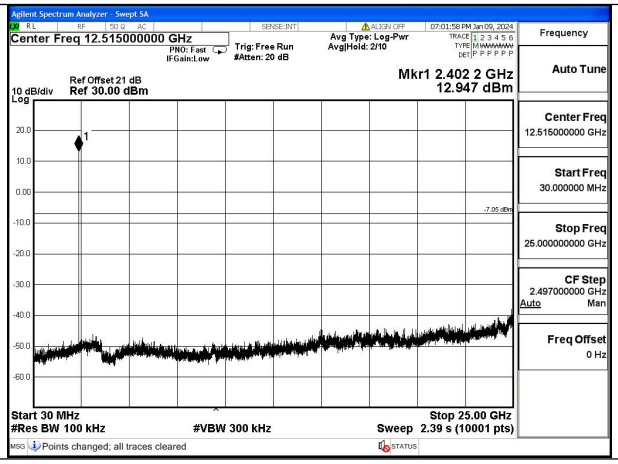
Test Mode:8DPSK(3DH3) 2441MHz



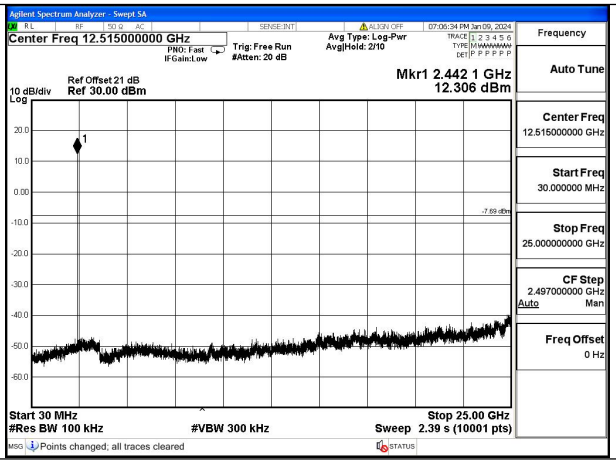
Test Mode:8DPSK(3DH5) 2441MHz

6 Conducted Out of band emission measurement

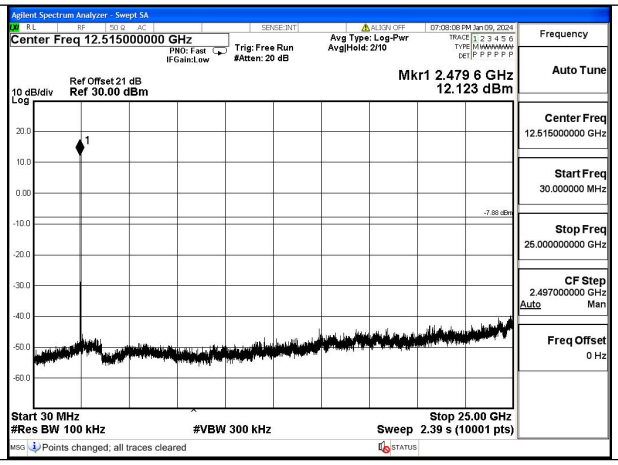
Test Mode: GFSK



CH0(Hopping off)

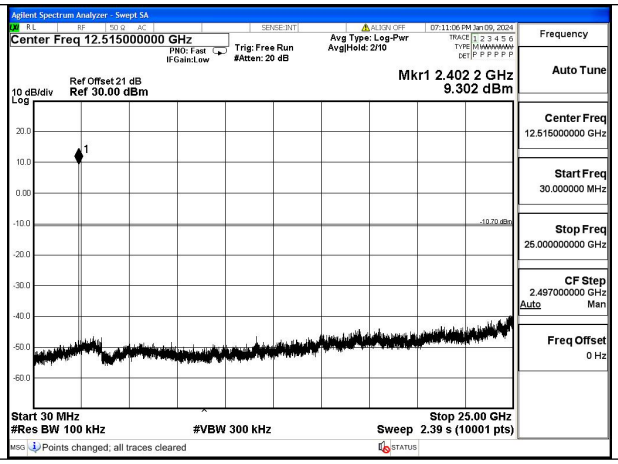


CH39(Hopping off)

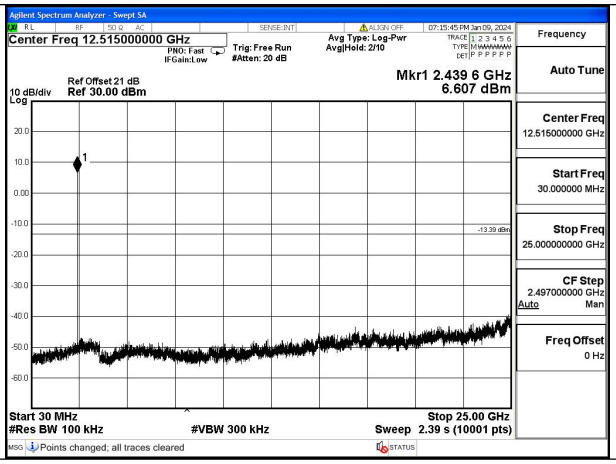


CH78(Hopping off)

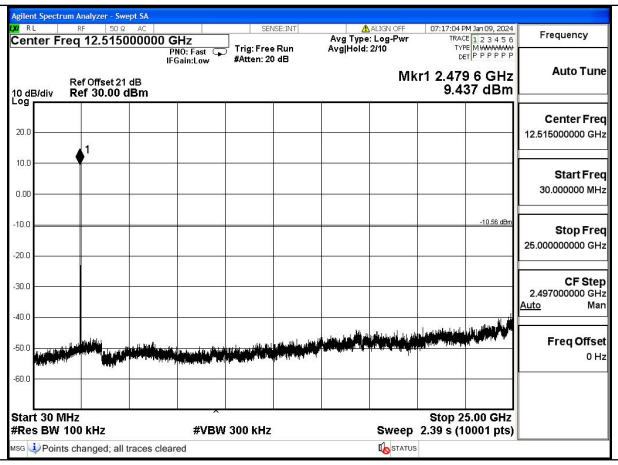
Test Mode: π/4DQPSK



CH0(Hopping off)

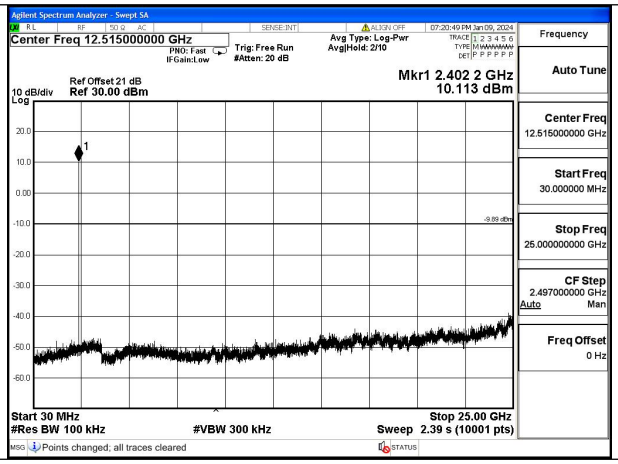


CH39(Hopping off)

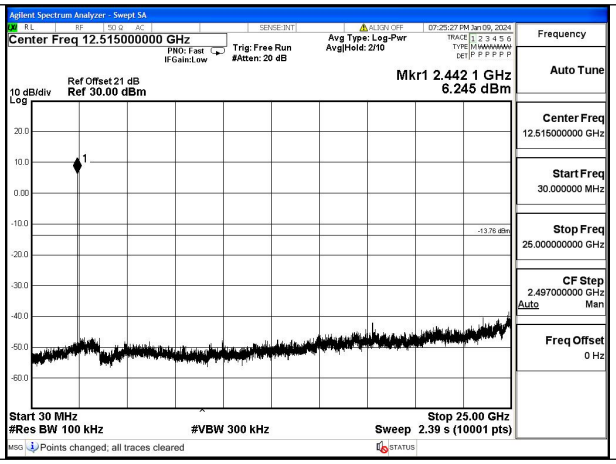


CH78(Hopping off)

Test Mode: 8DPSK



CH0(Hopping off)



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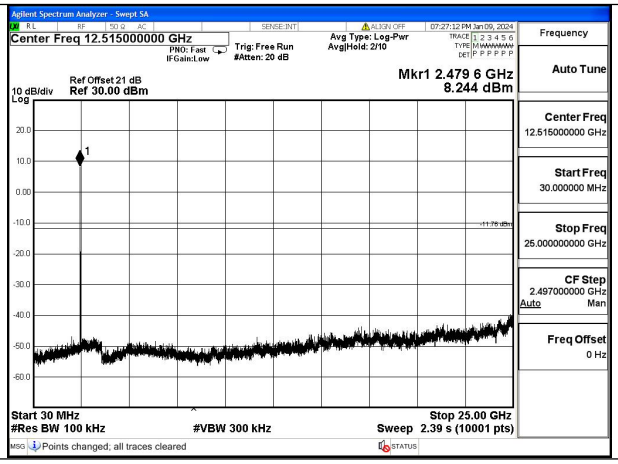
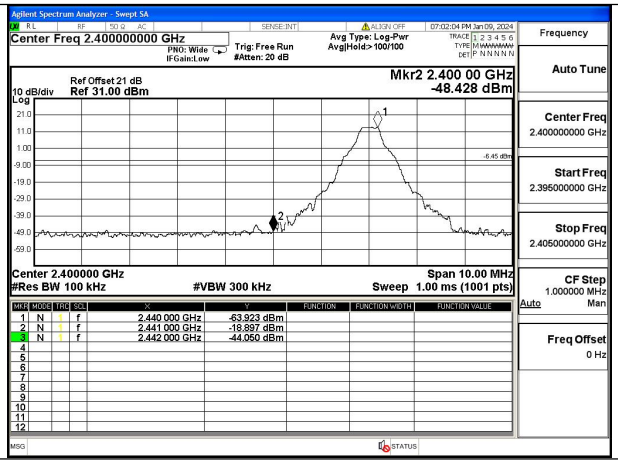


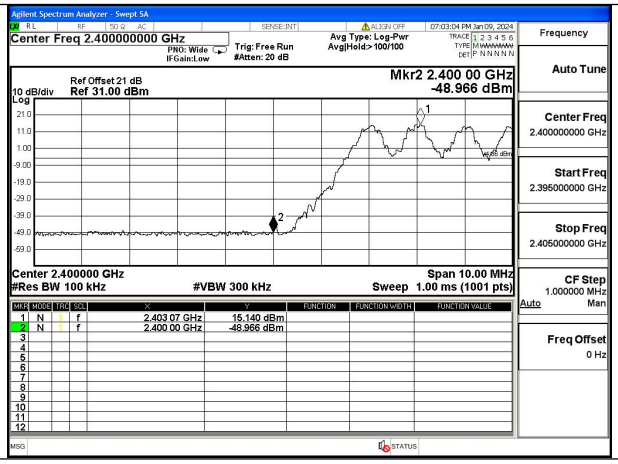
CH78(Hopping off)

7 Band Edge measurement

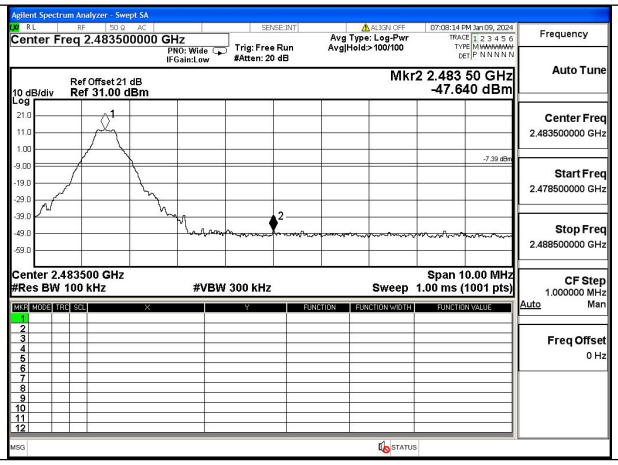
Test Mode: GFSK



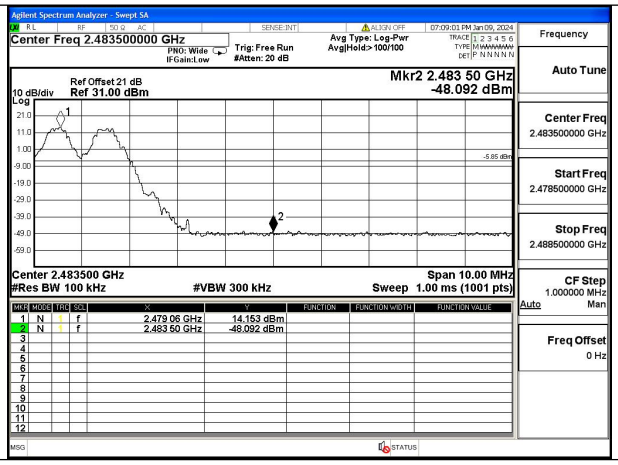
CH0(Hopping off)



CH0(Hopping on)

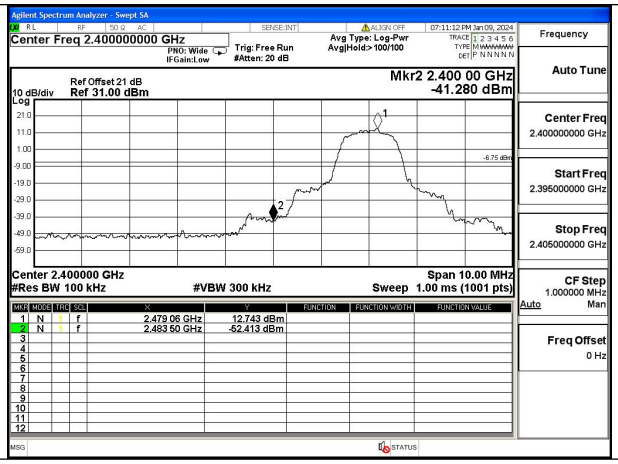


CH78(Hopping off)

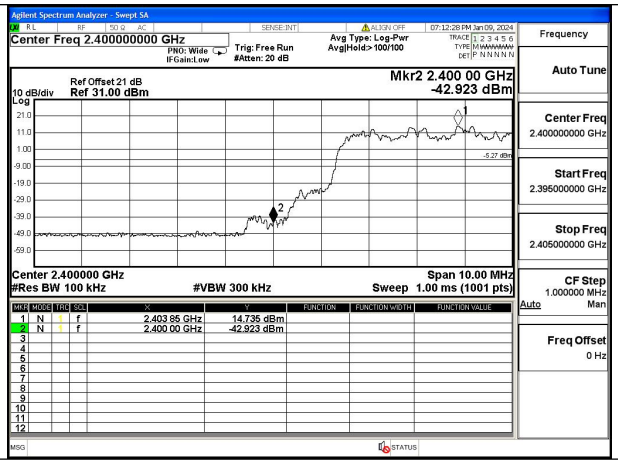


CH78(Hopping on)

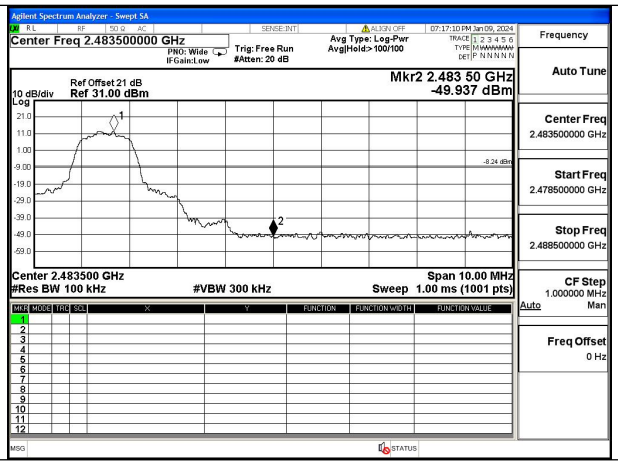
Test Mode: π/4DQPSK



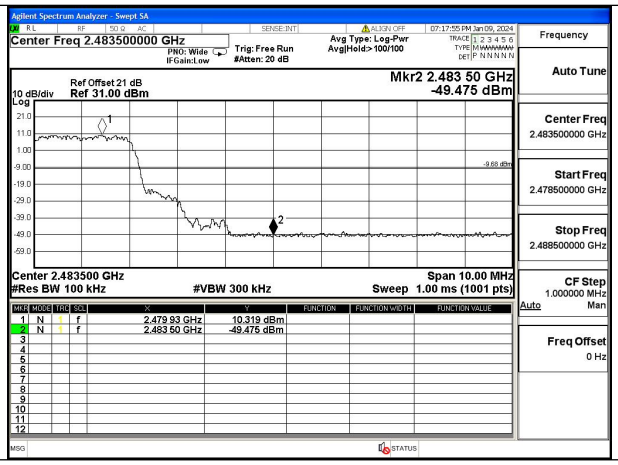
CH0(Hopping off)



CH0(Hopping on)

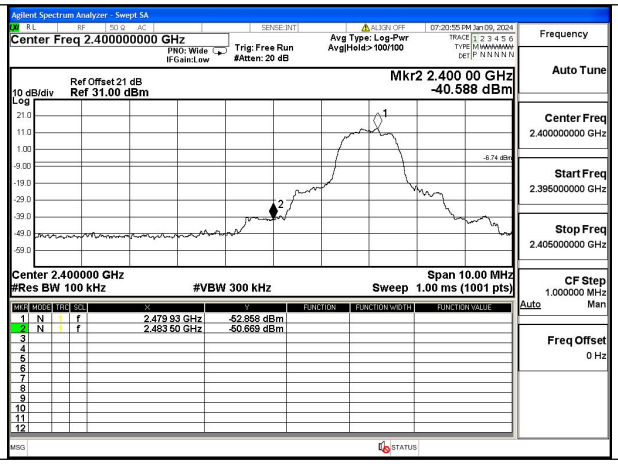


CH78(Hopping off)

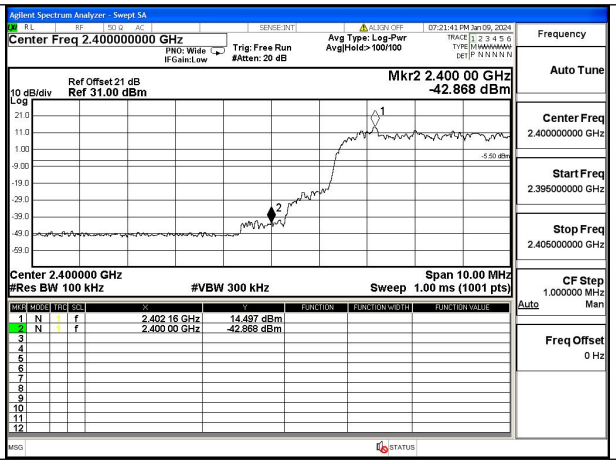


CH78(Hopping on)

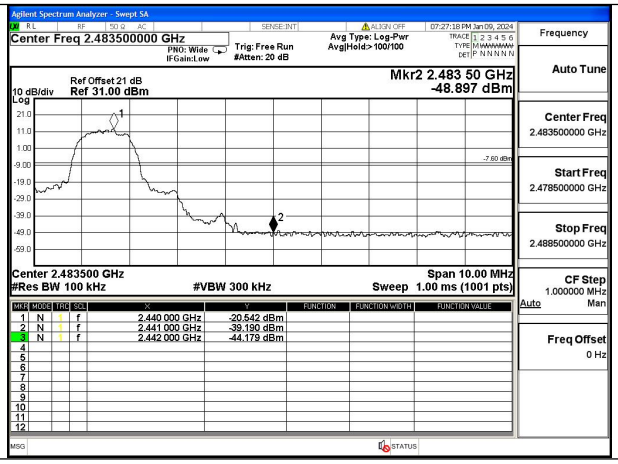
Test Mode: 8DPSK



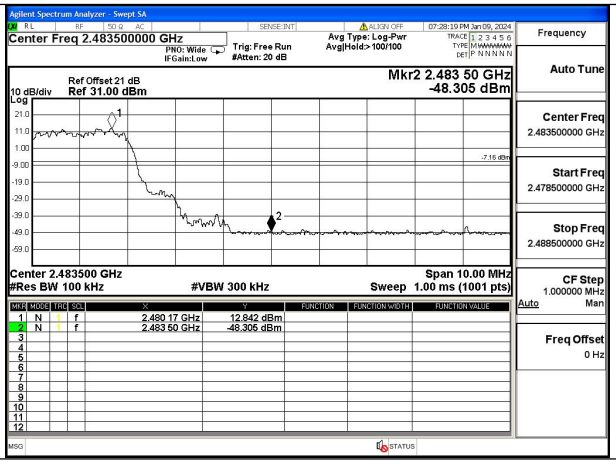
CH0(Hopping off)



CH0(Hopping on)



CH78(Hopping off)



CH78(Hopping on)

BT ANT8

1 Duty Cycle and Antenna Gain

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
GFSK(DH5)	2402	Fig.1	78.30%	1.06	-1.40

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

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
π/4DQPSK(2DH5)	2402	Fig.2	78.30%	1.06	-1.40

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

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
8DPSK(3DH5)	2402	Fig.3	78.40%	1.06	-1.40

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

Test Mode: GFSK(DH5)

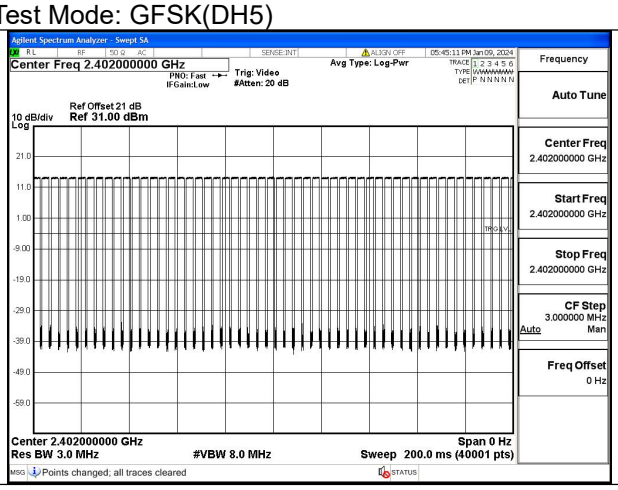


Fig.1

Test Mode: π /4DQPSK(2DH5)

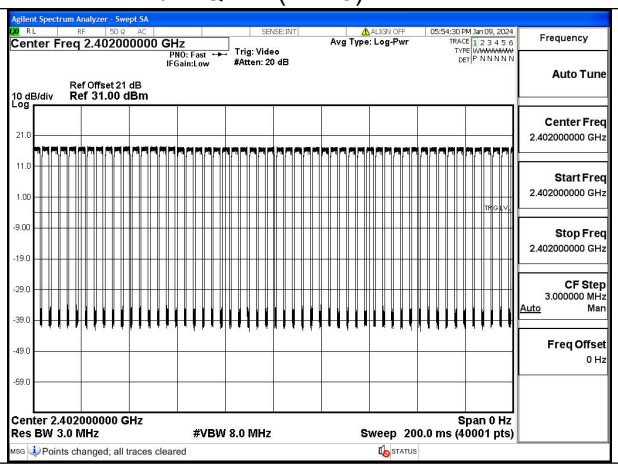


Fig.2

Test Mode: 8DPSK(3DH5)

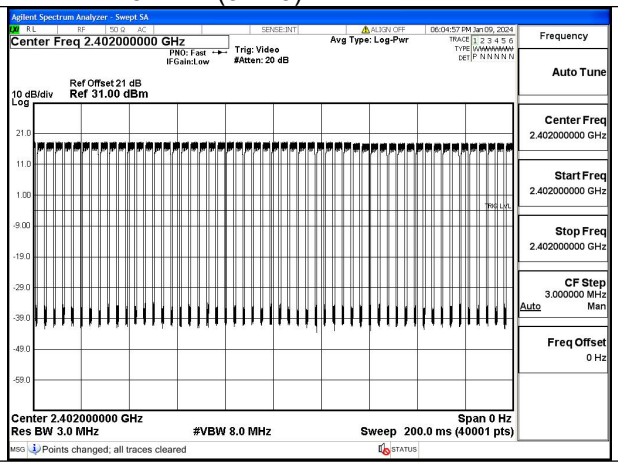


Fig.3

2 EIRP

Conducted Power

Modulation type	Conducted Peak Power(dBm)		
	2402MHz	2441MHz	2480MHz
GFSK(DH5)	14.66	14.27	19.87
π/4DQPSK(2DH5)	17.01	16.72	16.53
8DPSK(3DH5)	17.03	17.31	18.07

Modulation type	Conducted Average Power(dBm)		
	2402MHz	2441MHz	2480MHz
GFSK(DH5)	13.85	13.62	13.82
π/4DQPSK(2DH5)	13.71	13.07	13.33
8DPSK(3DH5)	13.40	13.31	13.25

EIRP

Modulation type	Peak EIRP (dBm)		
	2402MHz	2441MHz	2480MHz
GFSK(DH5)	13.26	12.87	18.47
π/4DQPSK(2DH5)	15.61	15.32	15.13
8DPSK(3DH5)	15.63	15.91	16.67

Modulation type	Average EIRP (dBm)		
	2402MHz	2441MHz	2480MHz
GFSK(DH5)	12.45	12.22	12.42
π/4DQPSK(2DH5)	12.31	11.67	11.93
8DPSK(3DH5)	12.00	11.91	11.85

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

3 Occupied Bandwidth

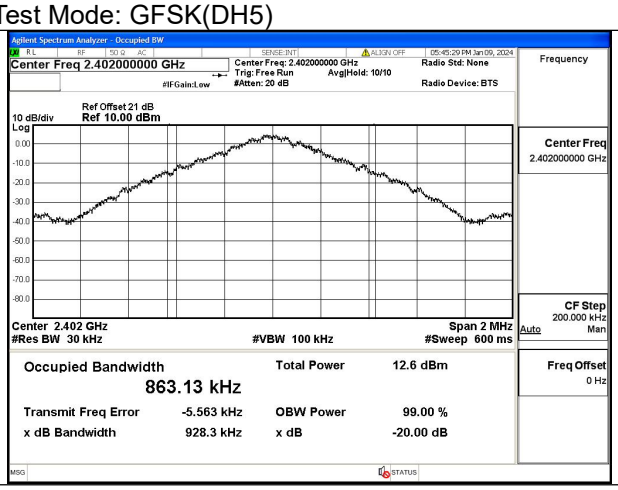
20dB Bandwidth

Test Mode	Carrier frequency (MHz)	20dB Bandwidth(KHz)
GFSK(DH5)	2402	928.3
GFSK(DH5)	2441	937.8
GFSK(DH5)	2480	938.3

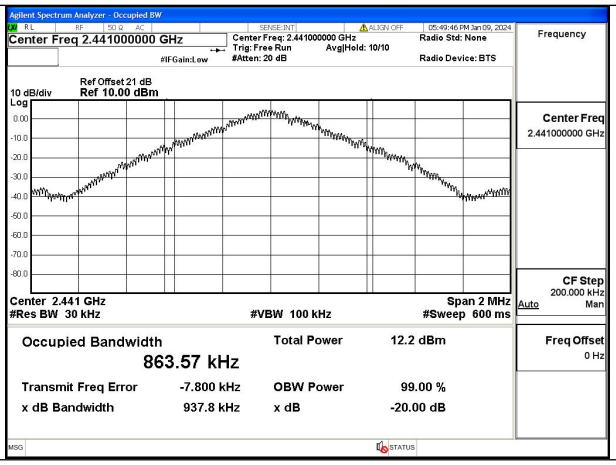
Test Mode	Carrier frequency (MHz)	20dB Bandwidth(KHz)
π/4DQPSK(2DH5)	2402	1351.0
π/4DQPSK(2DH5)	2441	1346.1
π/4DQPSK(2DH5)	2480	1342.1

Test Mode	Carrier frequency (MHz)	20dB Bandwidth(KHz)
8DPSK(3DH5)	2402	1352.7
8DPSK(3DH5)	2441	1344.6
8DPSK(3DH5)	2480	1342.1

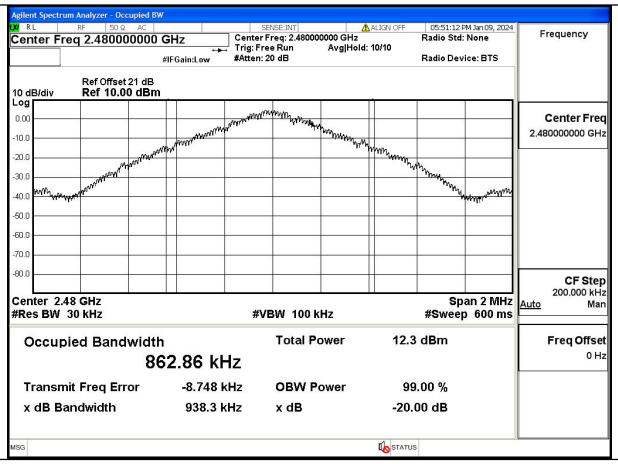
Test Mode: GFSK(DH5)



Test Mode:GFSK(DH5) 2402MHz

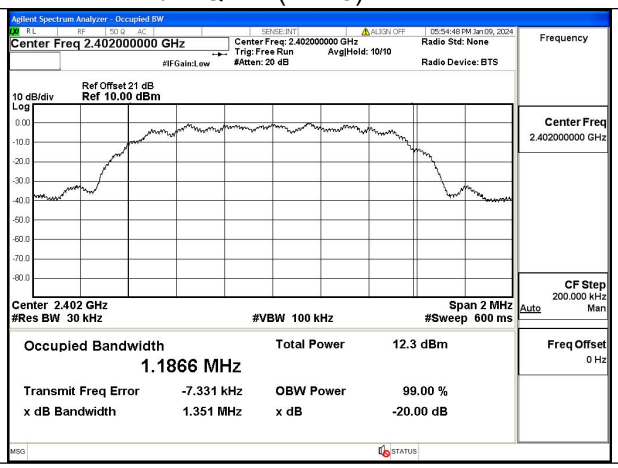


Test Mode:GFSK(DH5) 2441MHz

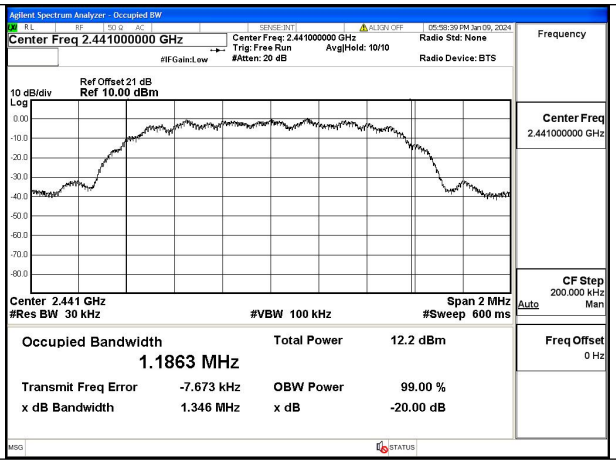


Test Mode:GFSK(DH5) 2480MHz

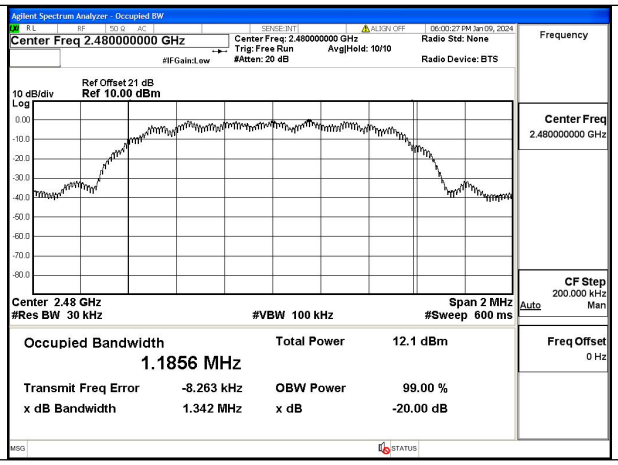
Test Mode: π/4DQPSK(2DH5)



Test Mode:π/4DQPSK(2DH5) 2402MHz



Test Mode:π/4DQPSK(2DH5) 2441MHz



Test Mode:π/4DQPSK(2DH5) 2480MHz