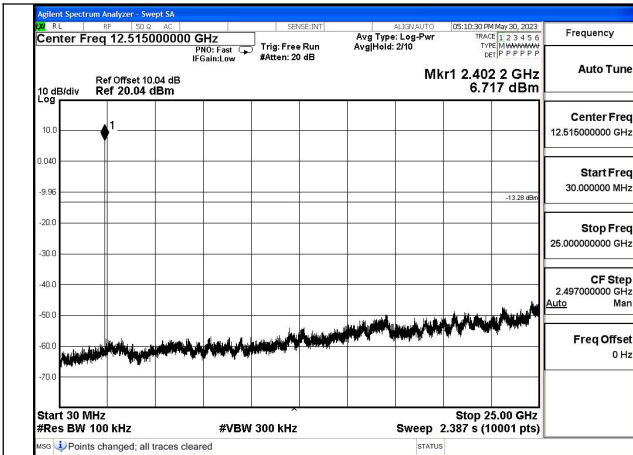
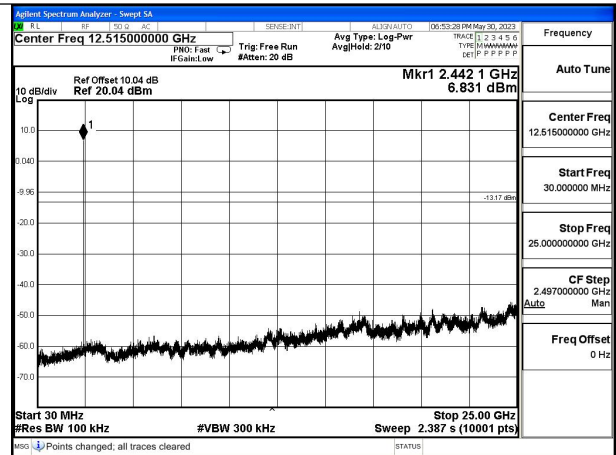


6 Conducted Out of band emission measurement

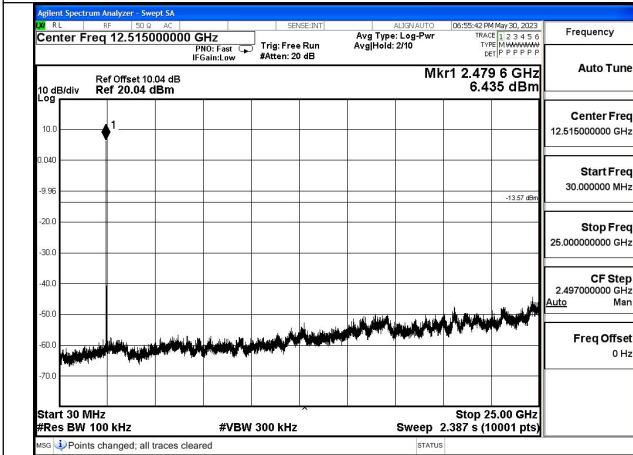
Test Mode: GFSK



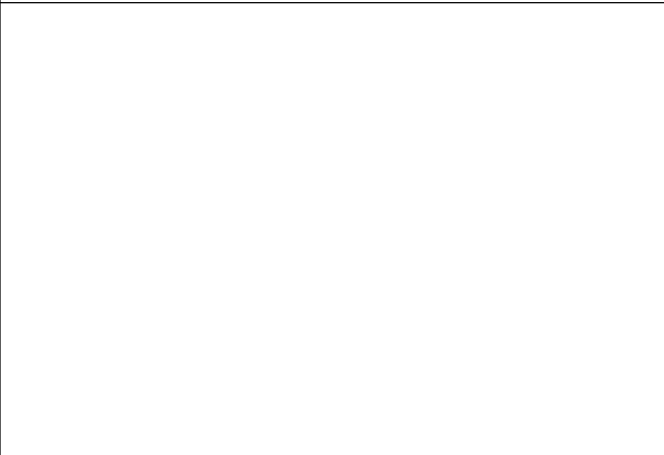
CH0(Hopping off)



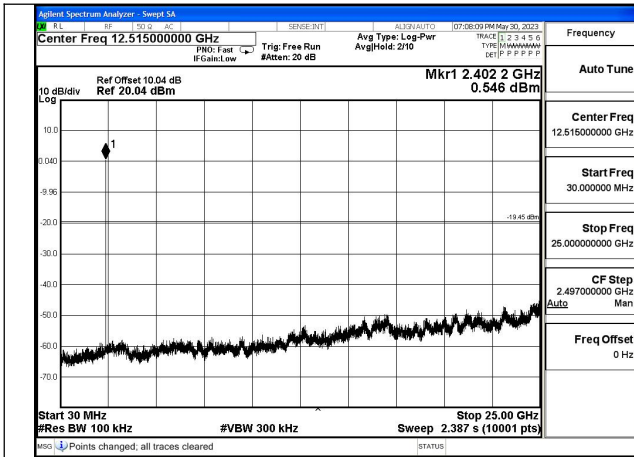
CH39(Hopping off)



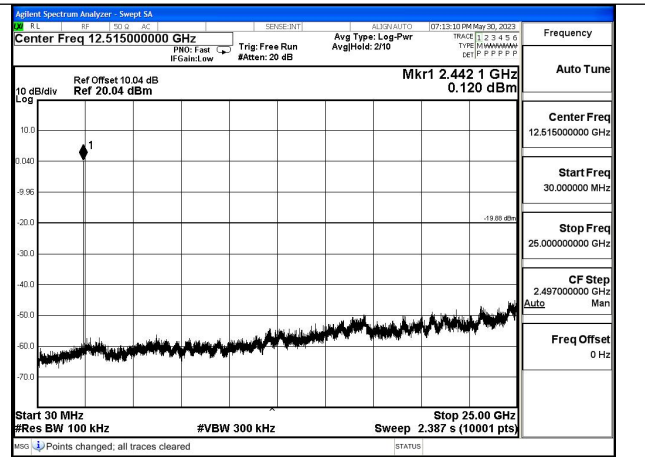
CH78(Hopping off)



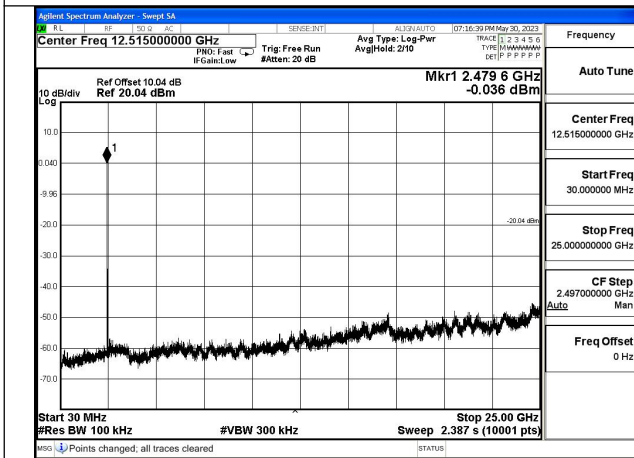
Test Mode: π /4DQPSK



CH0(Hopping off)

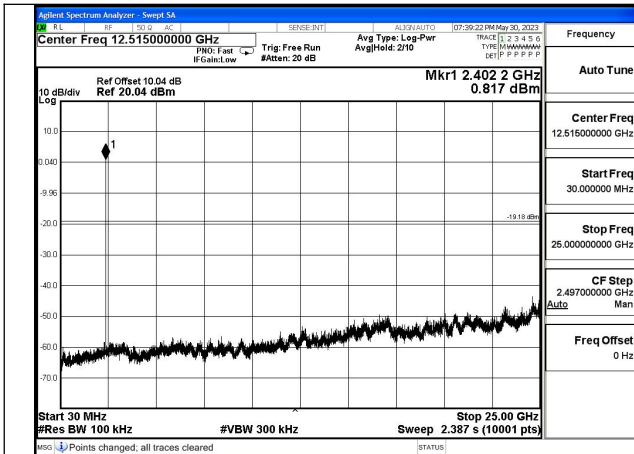


CH39(Hopping off)

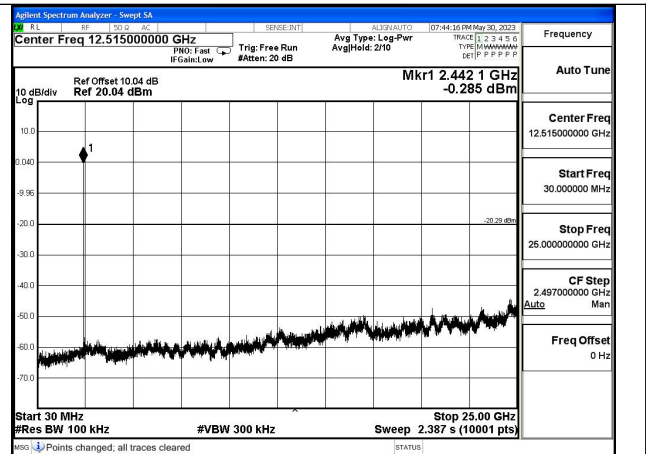


CH78(Hopping off)

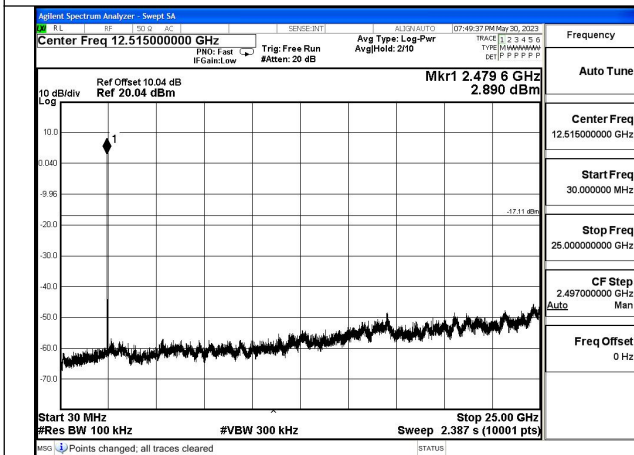
Test Mode: 8DPSK



CH0(Hopping off)



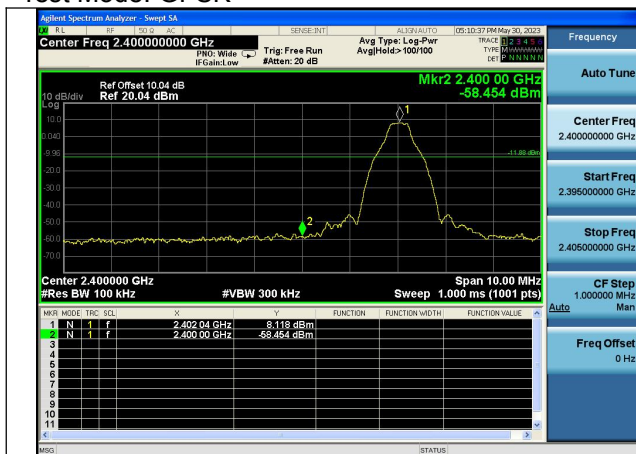
CH39(Hopping off)



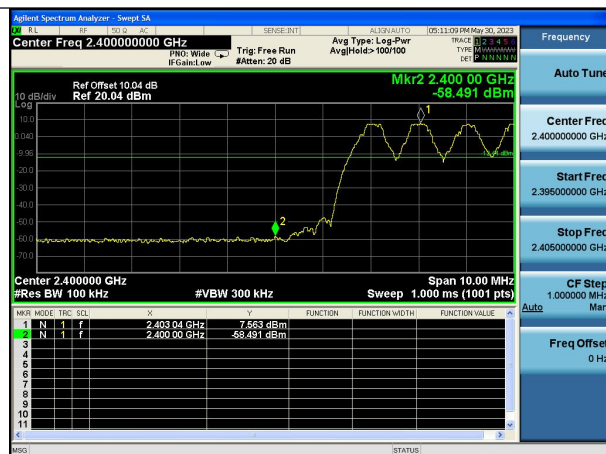
CH78(Hopping off)

7 Band Edge measurement

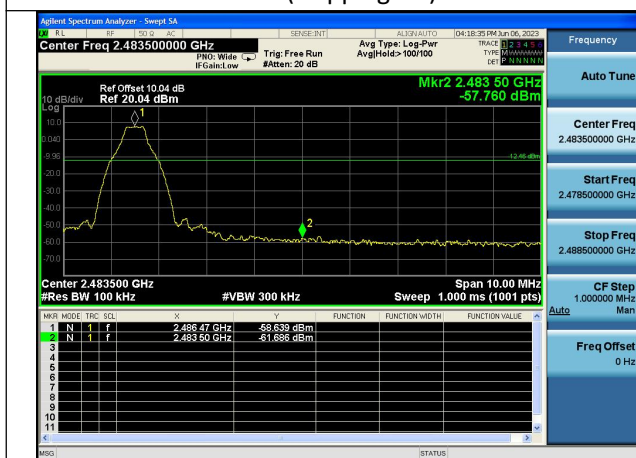
Test Mode: GFSK



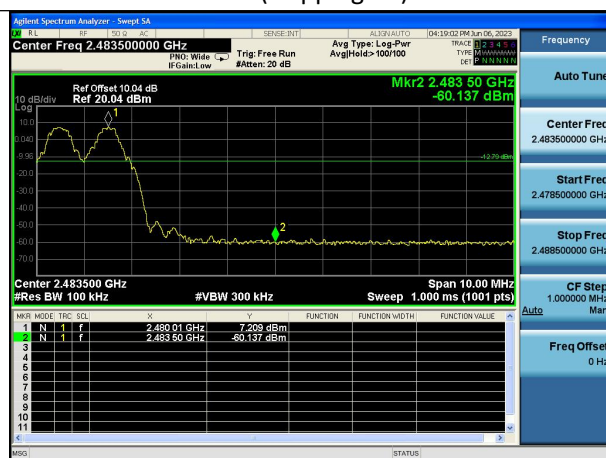
CH0(Hopping off)



CH0(Hopping on)

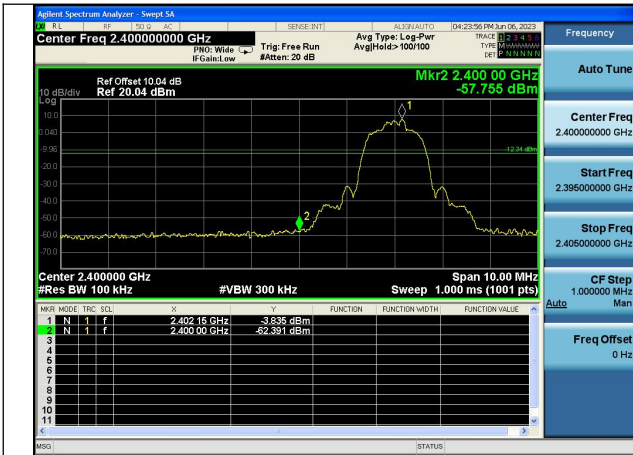


CH78(Hopping off)

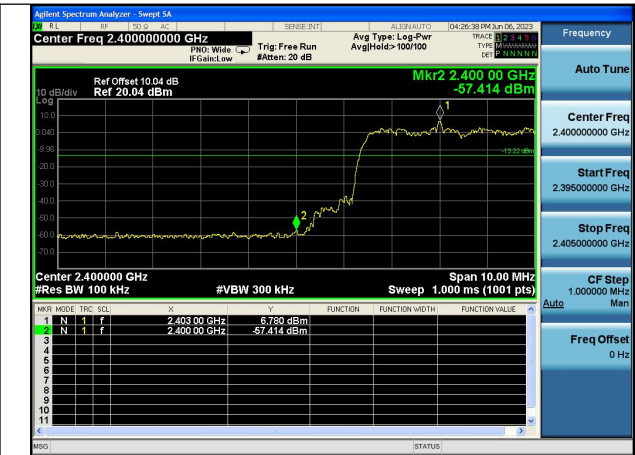


CH78(Hopping on)

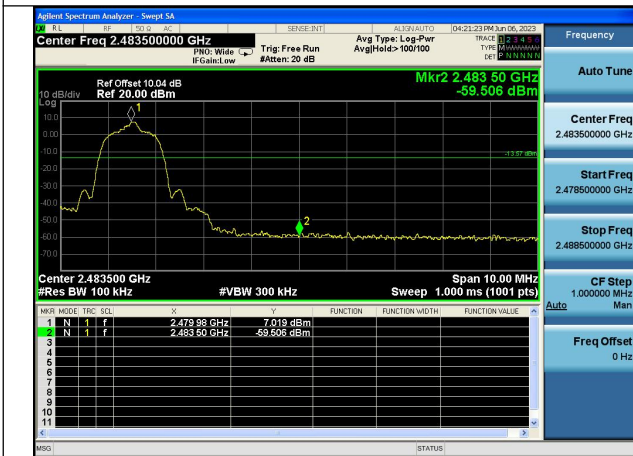
Test Mode: π /4DQPSK



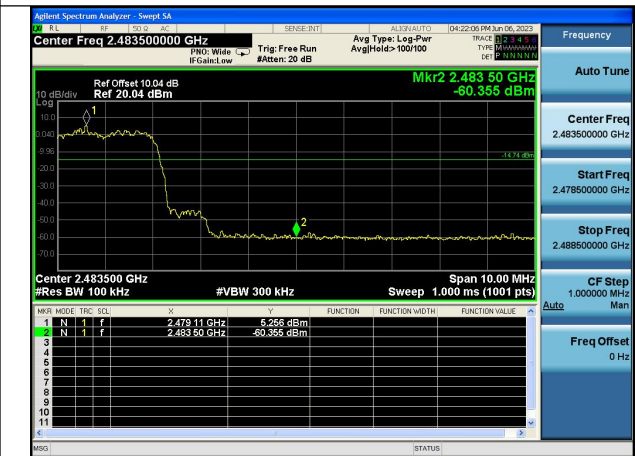
CH0(Hopping off)



CH0(Hopping on)

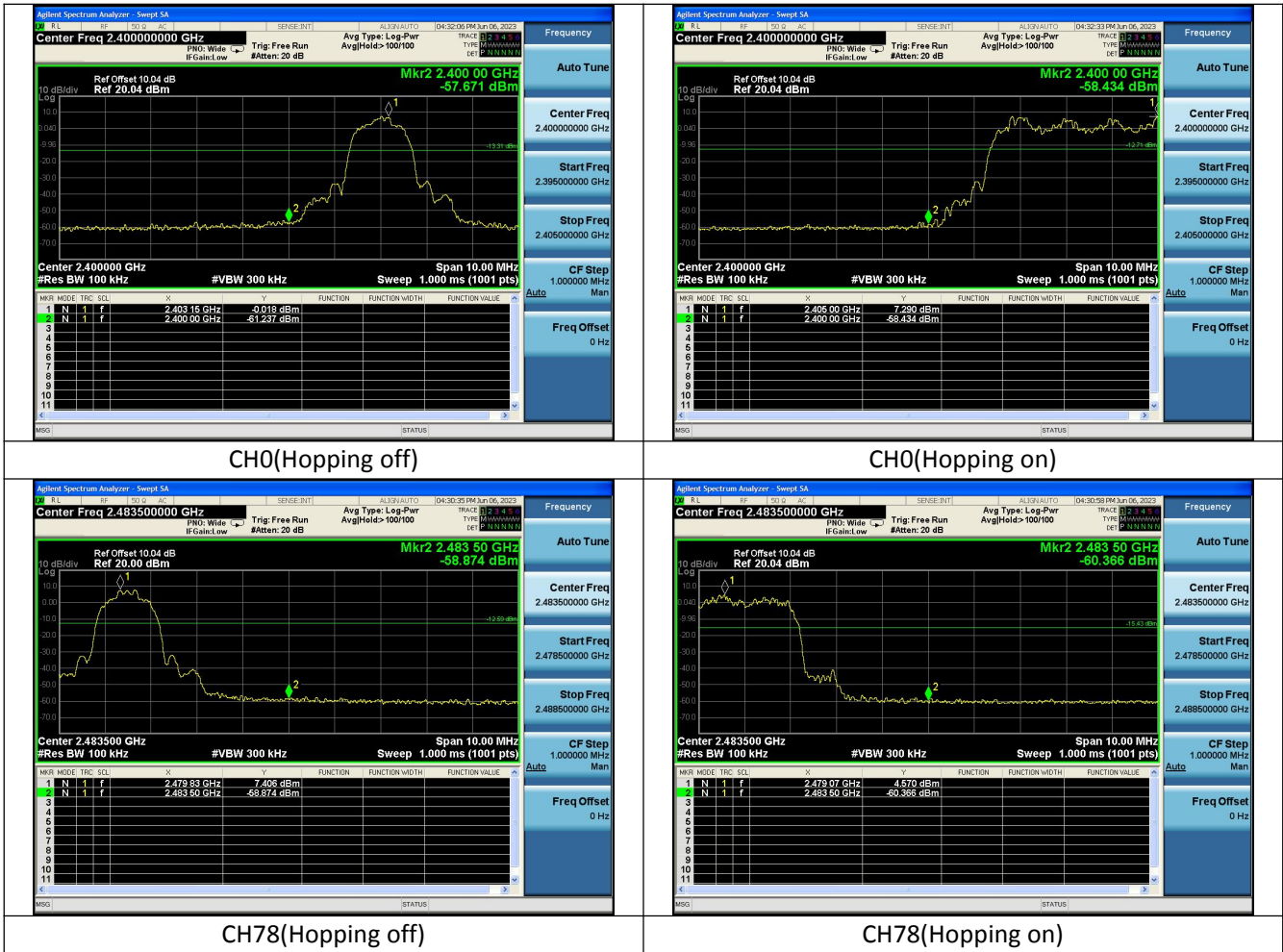


CH78(Hopping off)



CH78(Hopping on)

Test Mode: 8DPSK



BT (ANT1)

1 Duty Cycle and Antenna Gain

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
GFSK(DH5)	2402	Fig.1	77.80%	1.09	1.06

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

Test Mode	Frequency (MHz)	Plot	Duty Cycle	Correction Factor(dB)	Antenna Gain(dBi)
$\pi/4$ DQPSK(2D H5)	2402	Fig.2	77.90%	1.08	1.06

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	77.60%	1.10	1.06

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

Test Mode: GFSK(DH5)

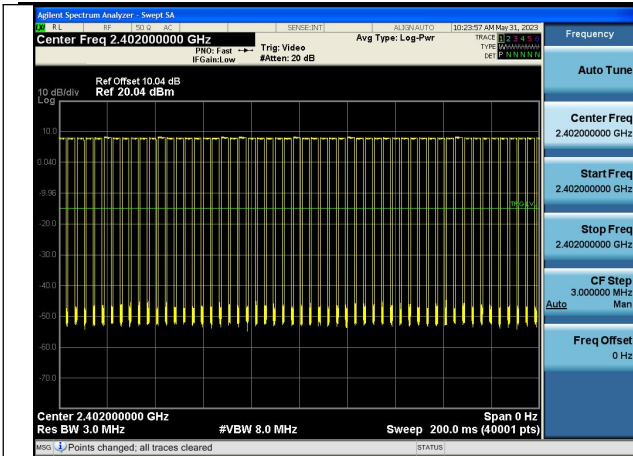


Fig.1

Test Mode: $\pi/4$ DQPSK(2DH5)

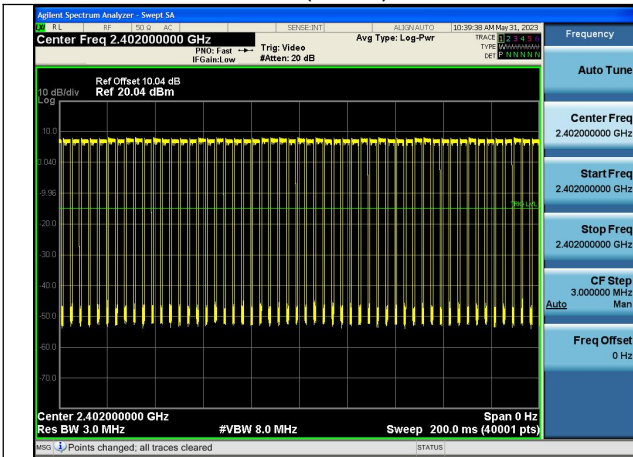


Fig.2

Test Mode: 8DPSK(3DH5)

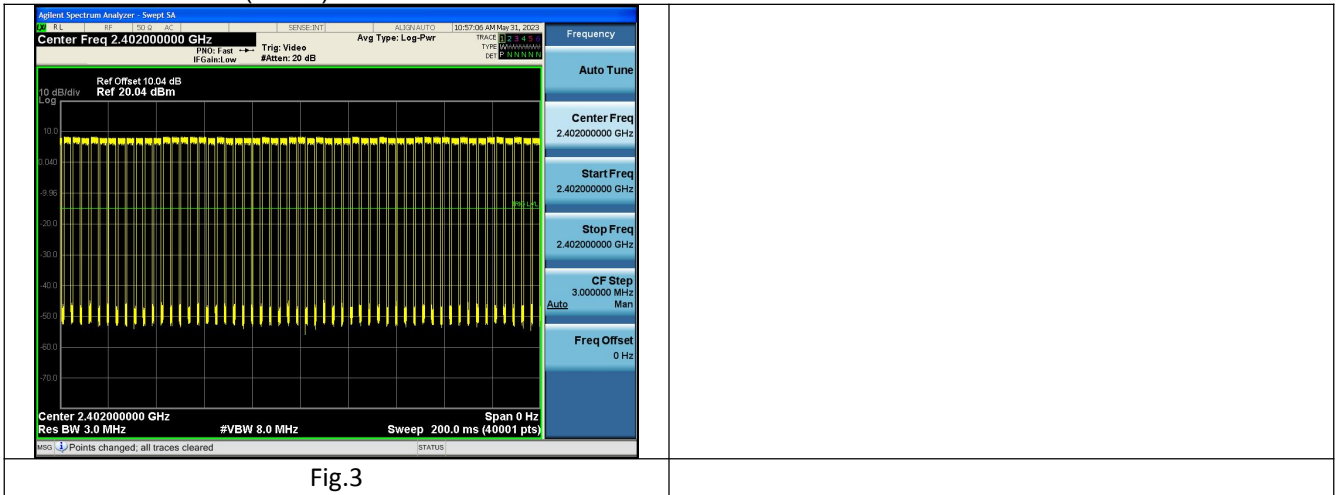


Fig.3

2 EIRP

Conducted Power

Modulation type	Conducted Peak Power(dBm)		
	2402MHz	2441MHz	2480MHz
GFSK(DH5)	8.16	7.47	8.16
$\pi/4$ DQPSK(2DH5)	8.08	7.37	7.99
8DPSK(3DH5)	8.10	7.37	8.03

Modulation type	Conducted Average Power(dBm)		
	2402MHz	2441MHz	2480MHz
GFSK(DH5)	7.43	6.67	7.10
$\pi/4$ DQPSK(2DH5)	5.33	4.65	4.23
8DPSK(3DH5)	5.24	4.10	5.72

EIRP

Modulation type	Peak EIRP (dBm)		
	2402MHz	2441MHz	2480MHz
GFSK(DH5)	9.22	8.53	9.22
$\pi/4$ DQPSK(2DH5)	9.14	8.43	9.05
8DPSK(3DH5)	9.16	8.43	9.09

Modulation type	Average EIRP (dBm)		
	2402MHz	2441MHz	2480MHz
GFSK(DH5)	8.49	7.73	8.16
$\pi/4$ DQPSK(2DH5)	6.39	5.71	5.29
8DPSK(3DH5)	6.30	5.16	6.78

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

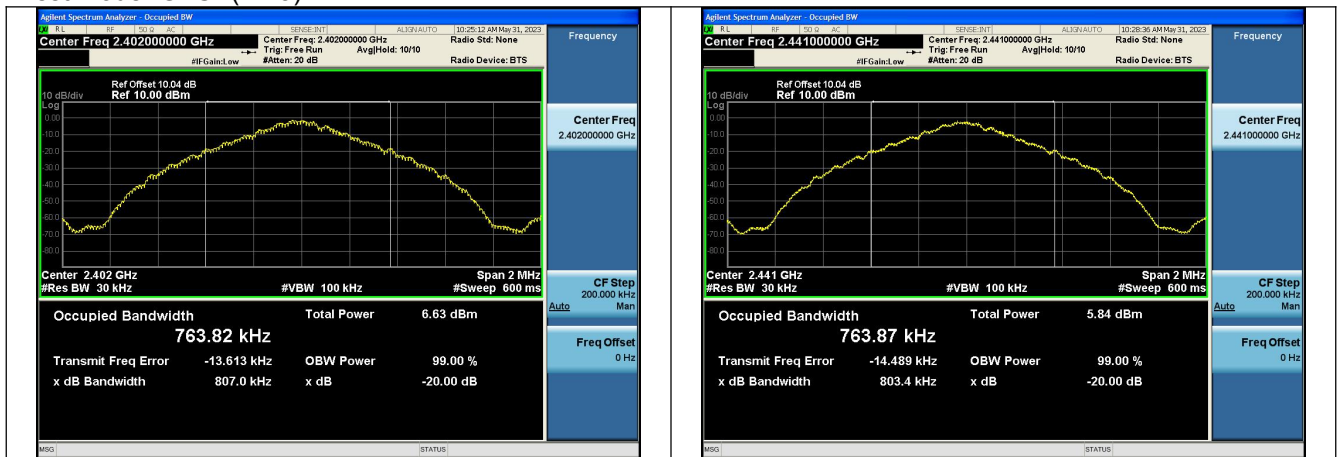
**3 Occupied Bandwidth
20dB Bandwidth**

Test Mode	Carrier frequency (MHz)	20dB Bandwidth(KHz)
GFSK(DH5)	2402	807.0
GFSK(DH5)	2441	803.4
GFSK(DH5)	2480	808.0

Test Mode	Carrier frequency (MHz)	20dB Bandwidth(KHz)
$\pi/4$ DQPSK(2DH5)	2402	1330.7
$\pi/4$ DQPSK(2DH5)	2441	1339.0
$\pi/4$ DQPSK(2DH5)	2480	1331.1

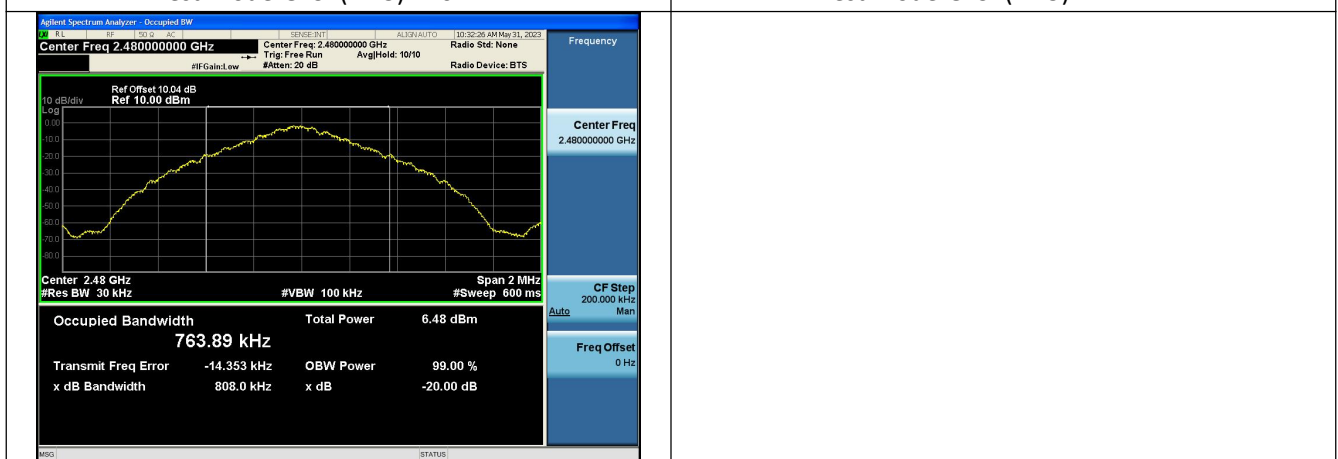
Test Mode	Carrier frequency (MHz)	20dB Bandwidth(KHz)
8DPSK(3DH5)	2402	1331.1
8DPSK(3DH5)	2441	1333.7
8DPSK(3DH5)	2480	1331.3

Test Mode: GFSK(DH5)



Test Mode:GFSK(DH5) 2402MHz

Test Mode:GFSK(DH5) 2441MHz



Test Mode:GFSK(DH5) 2480MHz

Test Mode: $\pi/4$ DQPSK(2DH5)



Test Mode: $\pi/4$ DQPSK(2DH5) 2402MHz



Test Mode: $\pi/4$ DQPSK(2DH5) 2441MHz



Test Mode: $\pi/4$ DQPSK(2DH5) 2480MHz

Test Mode: 8DPSK(3DH5)



Test Mode:8DPSK(3DH5) 2402MHz



Test Mode:8DPSK(3DH5) 2441MHz



Test Mode:8DPSK(3DH5) 2480MHz

99% Bandwidth

Test Mode	Carrier frequency (MHz)	99% Bandwidth(kHz)
GFSK(DH5)	2402	763.7
GFSK(DH5)	2441	763.3
GFSK(DH5)	2480	764.0

Test Mode	Carrier frequency (MHz)	99% Bandwidth(kHz)
π /4DQPSK(2DH5)	2402	1178.9
π /4DQPSK(2DH5)	2441	1178.3
π /4DQPSK(2DH5)	2480	1178.3

Test Mode	Carrier frequency (MHz)	99% Bandwidth(kHz)
8DPSK(3DH5)	2402	1187.2
8DPSK(3DH5)	2441	1187.9
8DPSK(3DH5)	2480	1188.2

Test Mode: GFSK(DH5)



Test Mode:GFSK(DH5) 2402MHz

Test Mode:GFSK(DH5) 2441MHz



Test Mode:GFSK(DH5) 2480MHz

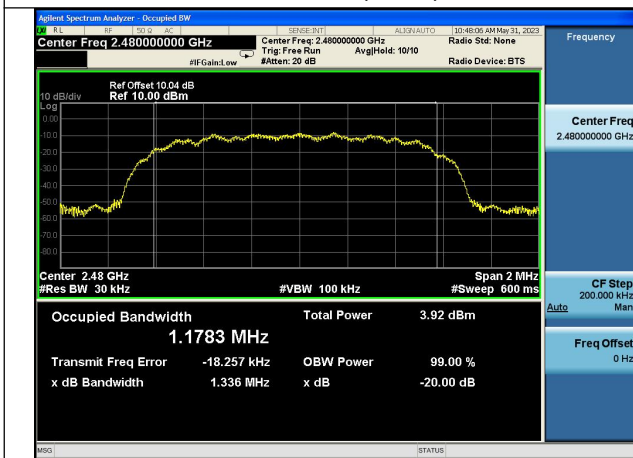
Test Mode: $\pi/4$ DQPSK(2DH5)



Test Mode: $\pi/4$ DQPSK(2DH5) 2402MHz



Test Mode: $\pi/4$ DQPSK(2DH5) 2441MHz



Test Mode: $\pi/4$ DQPSK(2DH5) 2480MHz