



Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

E.U.T:	CD PLAYER
Model Number:	R-400
Trade Name:	N/A
Sample ID	33000253475
Sample(s) Status:	Engineer sample
Date of Receipt:	Sept. 25~Sept. 28, 2025
Date of Test:	Sept. 28, 2025
FCC ID:	2BFHV-R400
Report No.	2025092512640254-00



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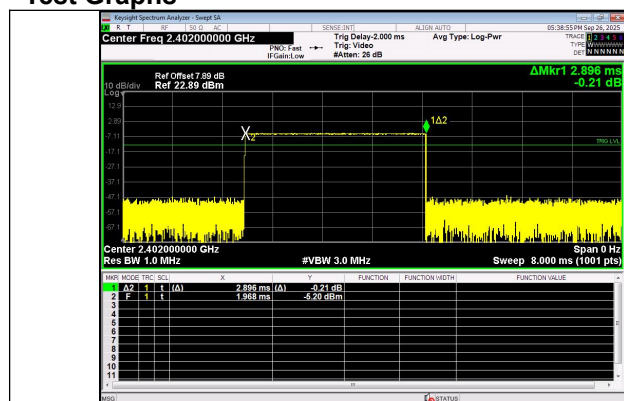
A.1 DWELL TIME

Test Result

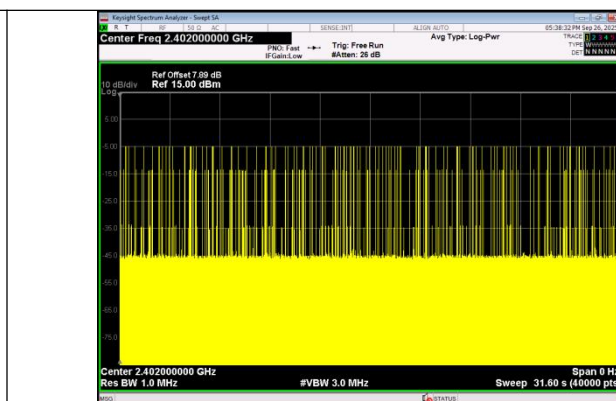
Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH5	Hopping	2.896	111	321.46	< 400	PASS
	DH5		2.896	123	356.21		PASS
	DH5		2.896	101	292.5		PASS
$\pi/4$ DQPSK	2-DH5		2.896	98	283.81		PASS
	2-DH5		2.896	102	295.39		PASS
	2-DH5		2.896	112	324.35		PASS
8DPSK	3-DH5		2.888	112	323.46		PASS
	3-DH5		2.912	125	364.0		PASS
	3-DH5		2.912	91	264.99		PASS

Note:Dwell time=Pulse time(ms)*Number of Pulses in 31.6 seconds

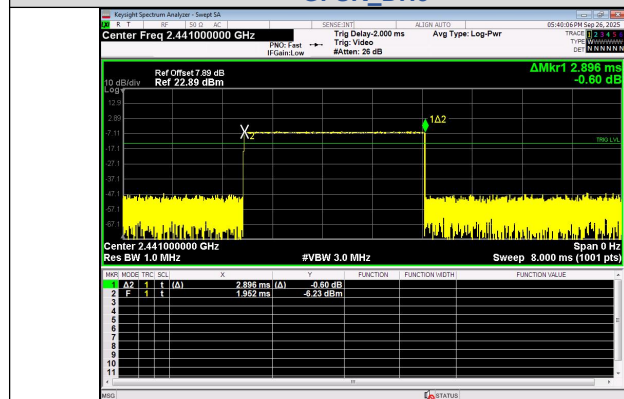
Test Graphs



Pulse Width
GFSK_DH5



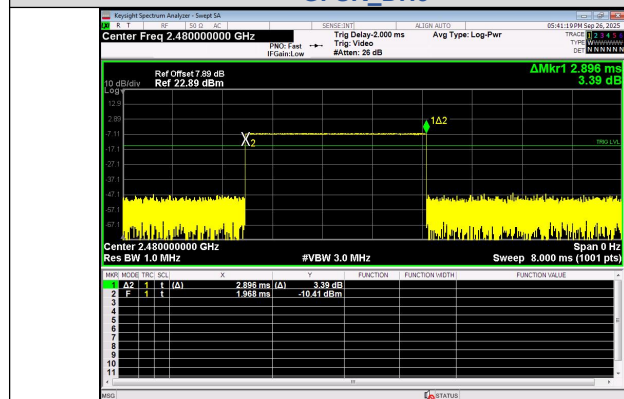
Number of Pulses in 31.6 seconds
GFSK_DH5



Pulse Width
GFSK_DH5



Number of Pulses in 31.6 seconds
GFSK_DH5



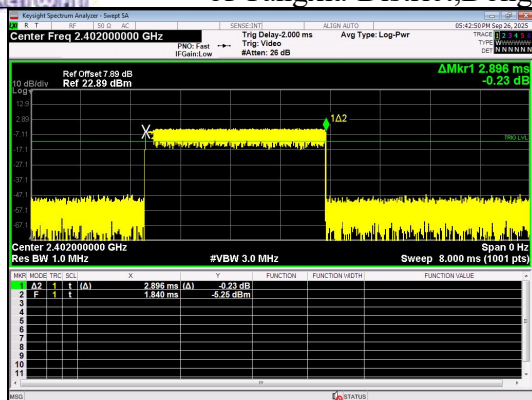
Pulse Width
GFSK_DH5



Number of Pulses in 31.6 seconds
GFSK_DH5



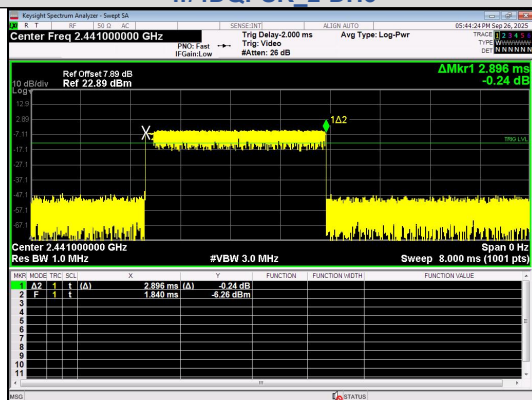
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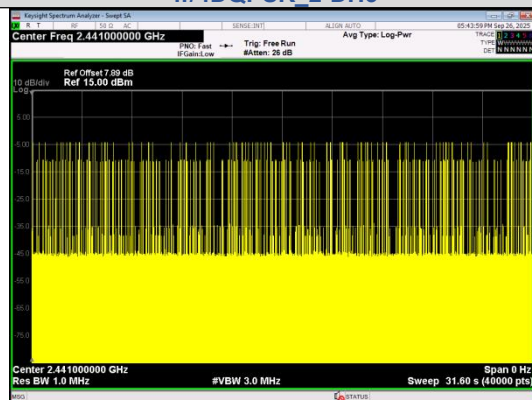
Pulse Width
 $\pi/4$ DQPSK_2-DH5



Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH5



Pulse Width
 $\pi/4$ DQPSK_2-DH5



Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH5



Pulse Width
 $\pi/4$ DQPSK_2-DH5



Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH5



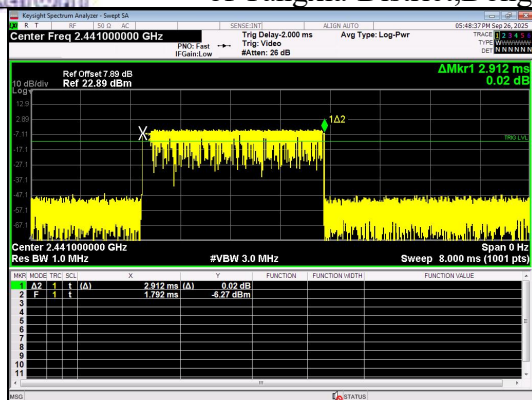
Pulse Width
8DPSK_3-DH5



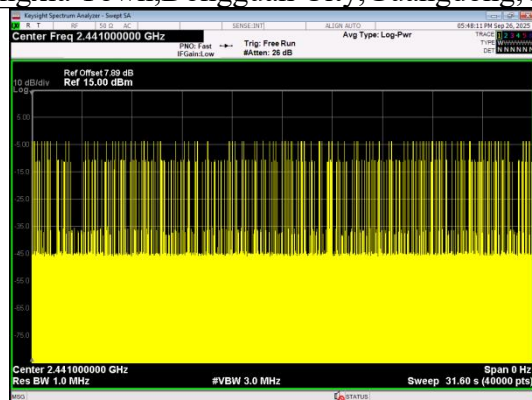
Number of Pulses in 31.6 seconds
8DPSK_3-DH5



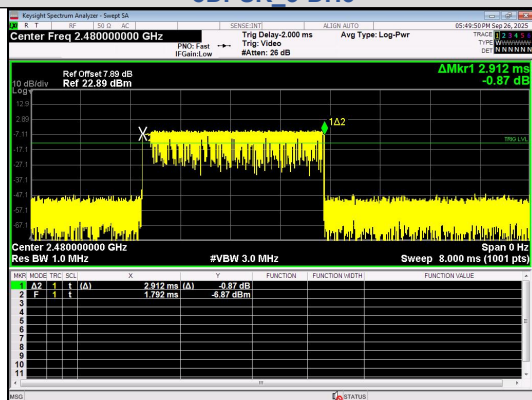
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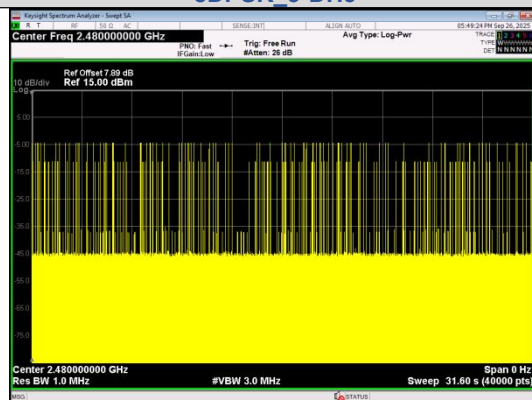
Pulse Width
8DPSK_3-DH5



Number of Pulses in 31.6 seconds
8DPSK_3-DH5



Pulse Width
8DPSK_3-DH5



Number of Pulses in 31.6 seconds
8DPSK_3-DH5



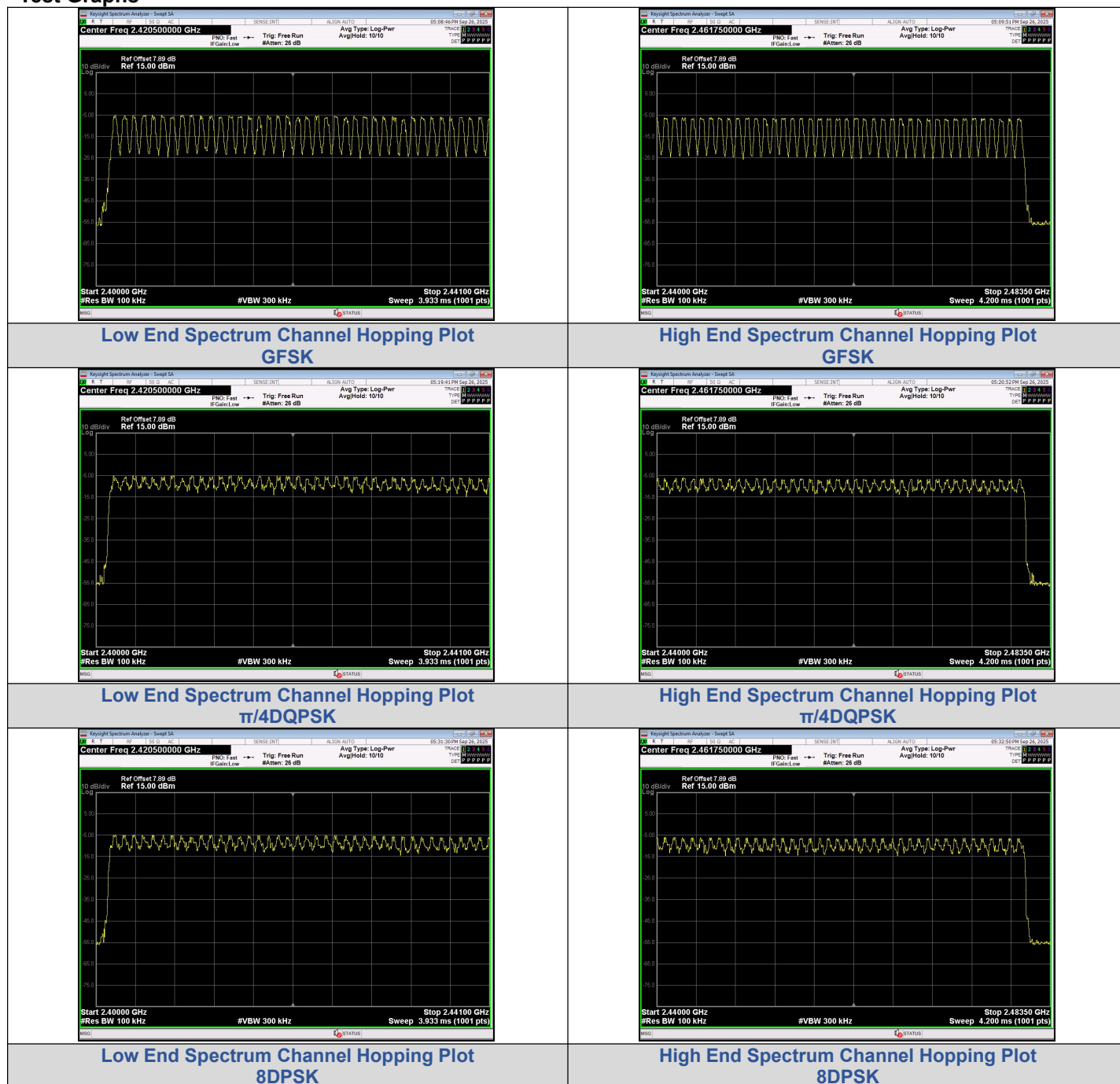
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A.2 NUMBER OF HOPPING CHANNEL

Test Result

Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH1	79	15	PASS
$\pi/4$ DQPSK	2-DH1	79	15	PASS
8DPSK	3-DH1	79	15	PASS

Test Graphs





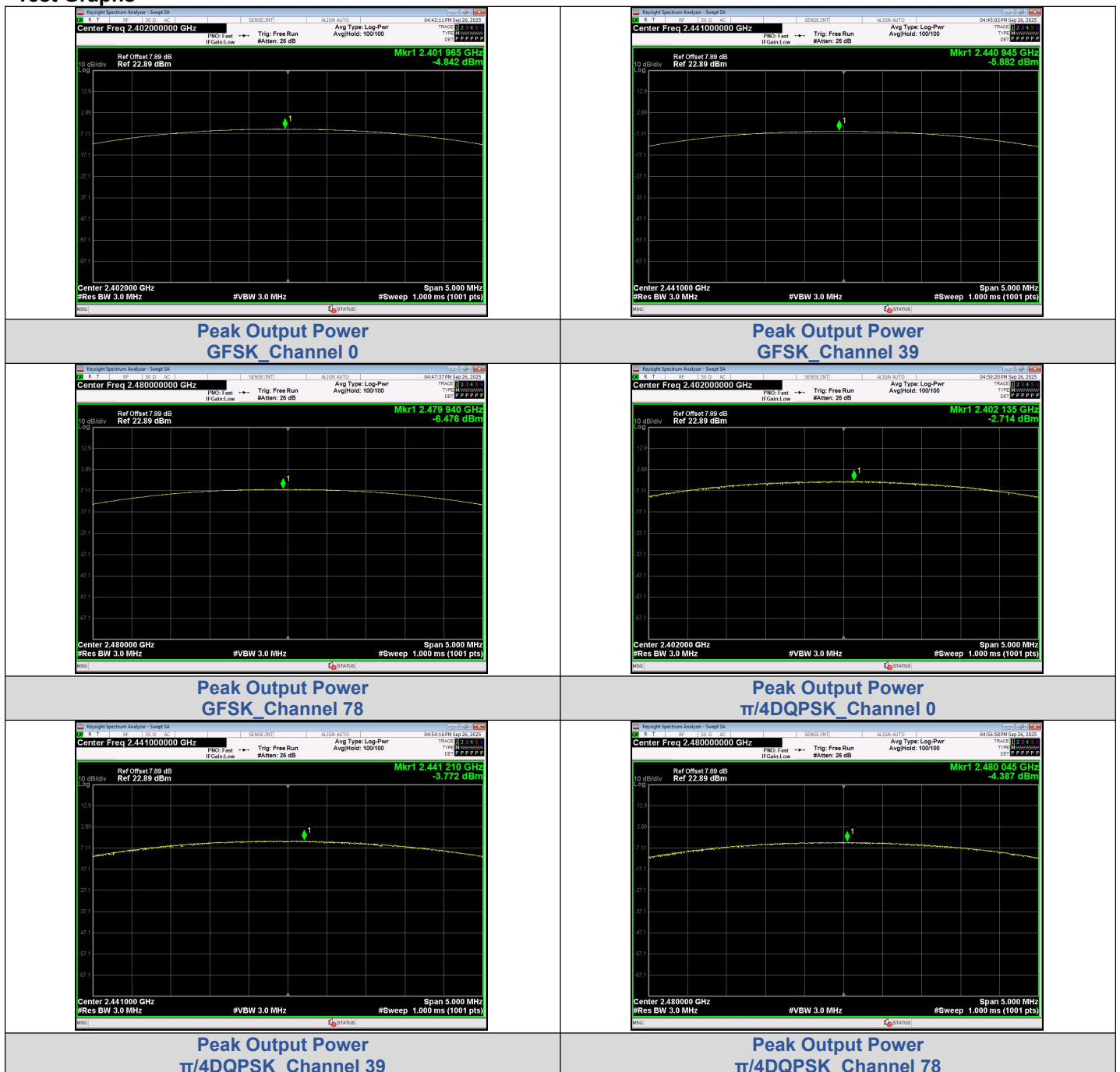
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A.3 CONDUCTED PEAK OUTPUT POWER

Test Result

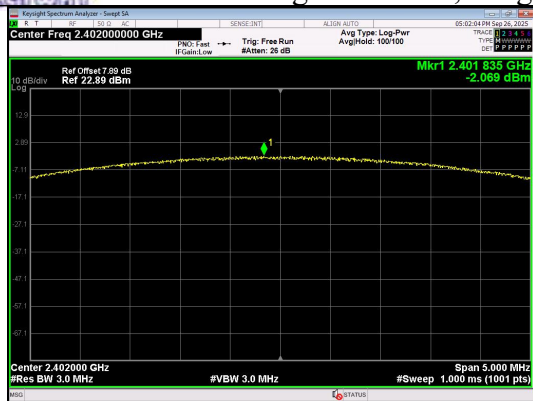
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH1	0	-4.84	0.33	None	≤30	PASS
		39	-5.88	0.26	None		PASS
		78	-6.48	0.22	None		PASS
$\pi/4$ DQPSK	2-DH1	0	-2.71	0.54	None	≤20.97	PASS
		39	-3.77	0.42	None		PASS
		78	-4.39	0.36	None		PASS
8DPSK	3-DH1	0	-2.07	0.62	None		PASS
		39	-3.13	0.49	None		PASS
		78	-3.76	0.42	None		PASS

Test Graphs

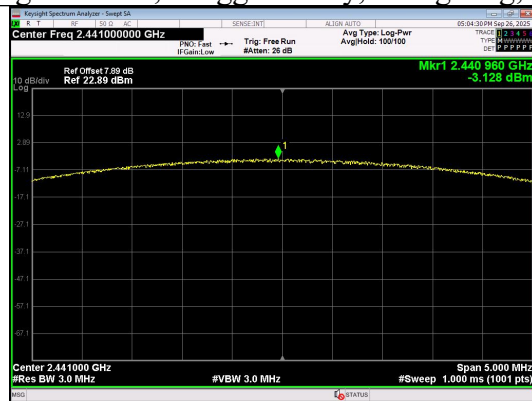




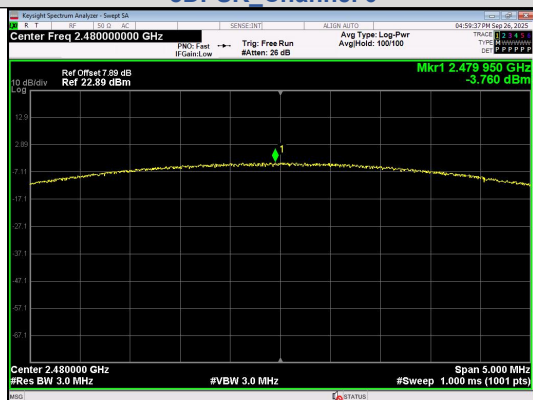
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Peak Output Power
8DPSK_Channel 0



Peak Output Power
8DPSK_Channel 39



Peak Output Power
8DPSK_Channel 78



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A.4 99% BANDWIDTH

Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.80257
	39	2441	0.79250
	78	2480	0.79395
π /4DQPSK	0	2402	1.1502
	39	2441	1.1566
	78	2480	1.1531
8DPSK	0	2402	1.1417
	39	2441	1.1408
	78	2480	1.1433

Test Graphs

