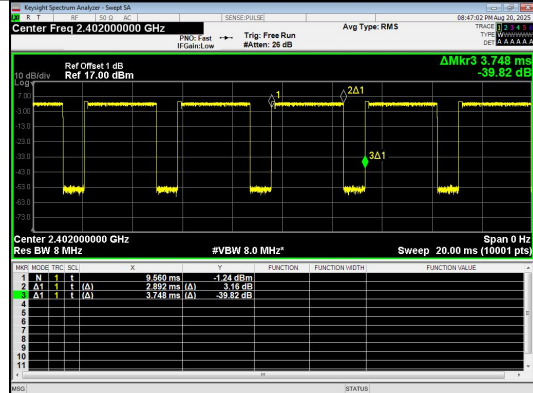
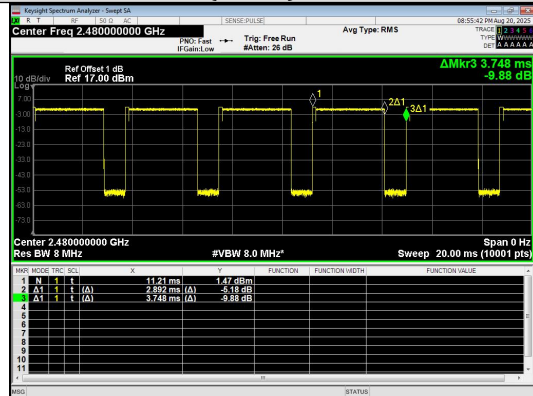


Appendix RF test data for BT (BT1: JL7016C)

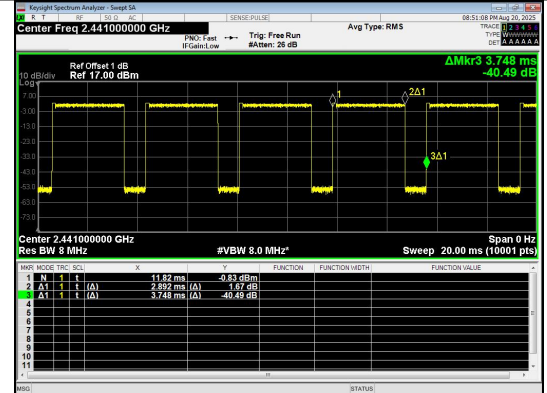


 $\pi/4$ DQPSK(2-DH5)_Channel 39

8DPSK(3-DH5)_Channel 0



8DPSK(3-DH5)_Channel 78

 $\pi/4$ DQPSK(2-DH5)_Channel 78

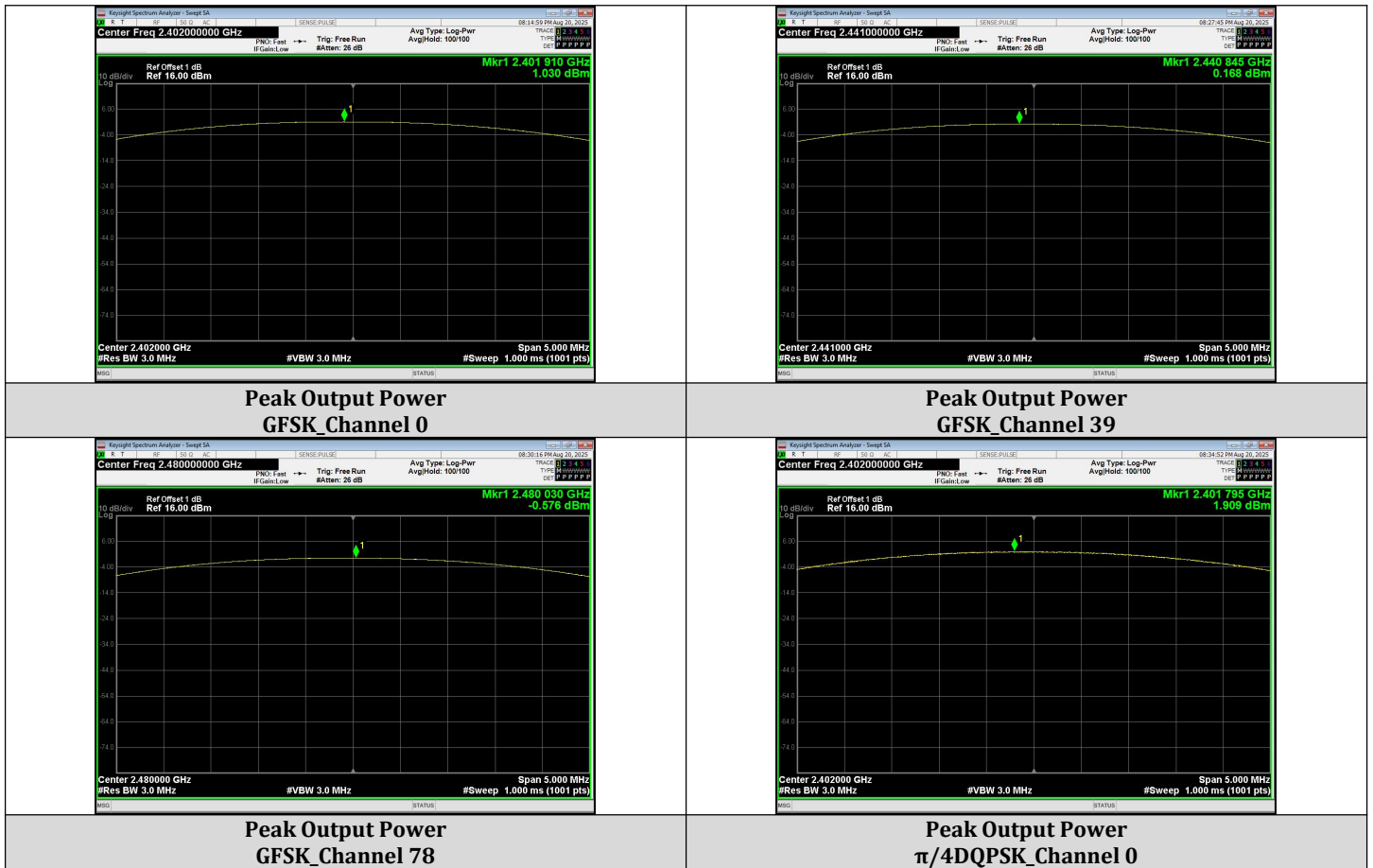
8DPSK(3-DH5)_Channel 39

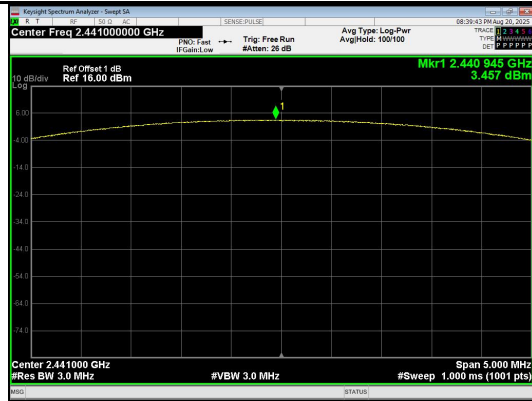
Conducted Output Power

Test Result

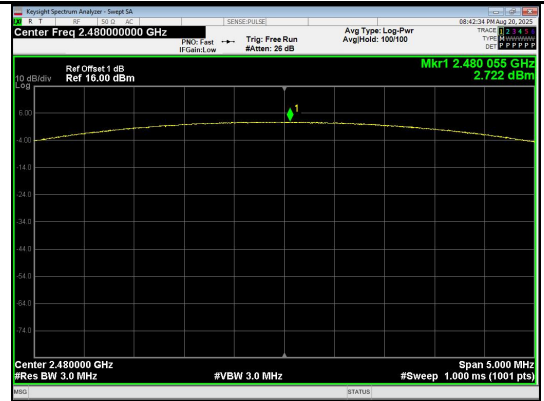
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	1.03	1.27	≤30	PASS
		39	0.17	1.04		PASS
		78	-0.58	0.87		PASS
$\pi/4$ DQPSK	2-DH5	0	1.91	1.55	≤20.97	PASS
		39	3.46	2.22		PASS
		78	2.72	1.87		PASS
8DPSK	3-DH5	0	4.73	2.97		PASS
		39	3.85	2.43		PASS
		78	3.06	2.02		PASS

Test Graphs

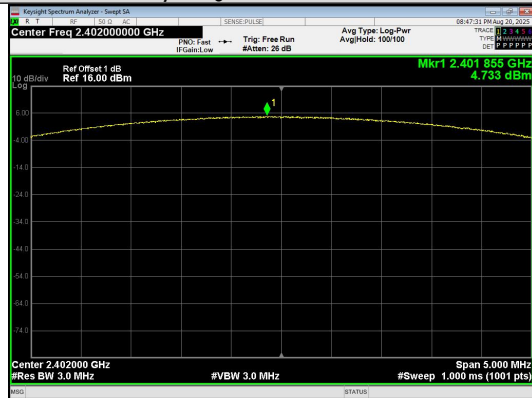




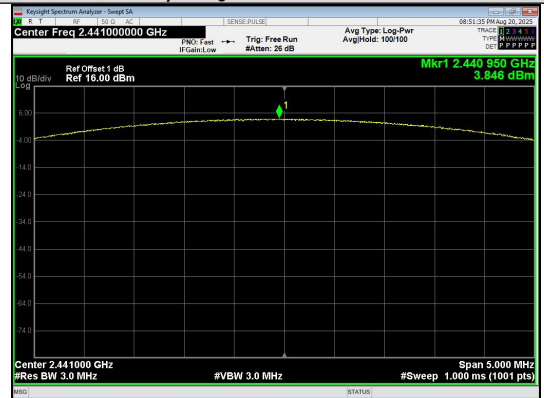
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



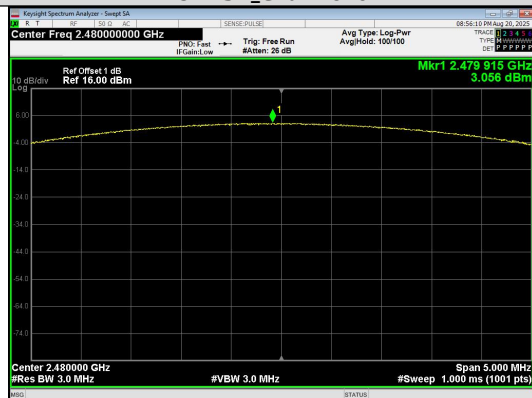
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



Peak Output Power
8DPSK_Channel 0



Peak Output Power
8DPSK_Channel 39



Peak Output Power
8DPSK_Channel 78

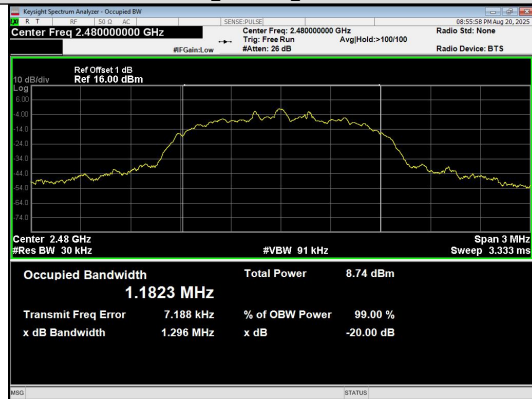
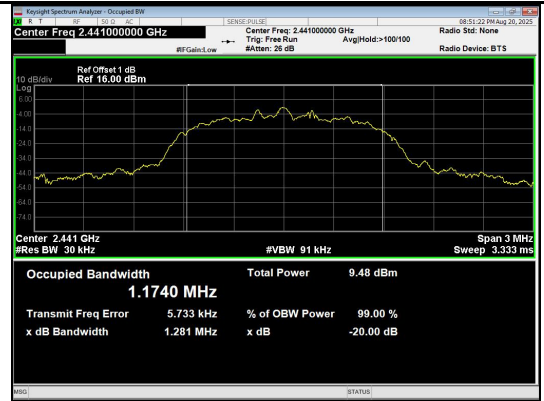
20dB Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9600
	39	2441 MHz	0.9500
	78	2480 MHz	0.9500
$\pi/4$ DQPSK	0	2402 MHz	1.280
	39	2441 MHz	1.280
	78	2480 MHz	1.280
8DPSK	0	2402 MHz	1.290
	39	2441 MHz	1.280
	78	2480 MHz	1.300

Test Graphs





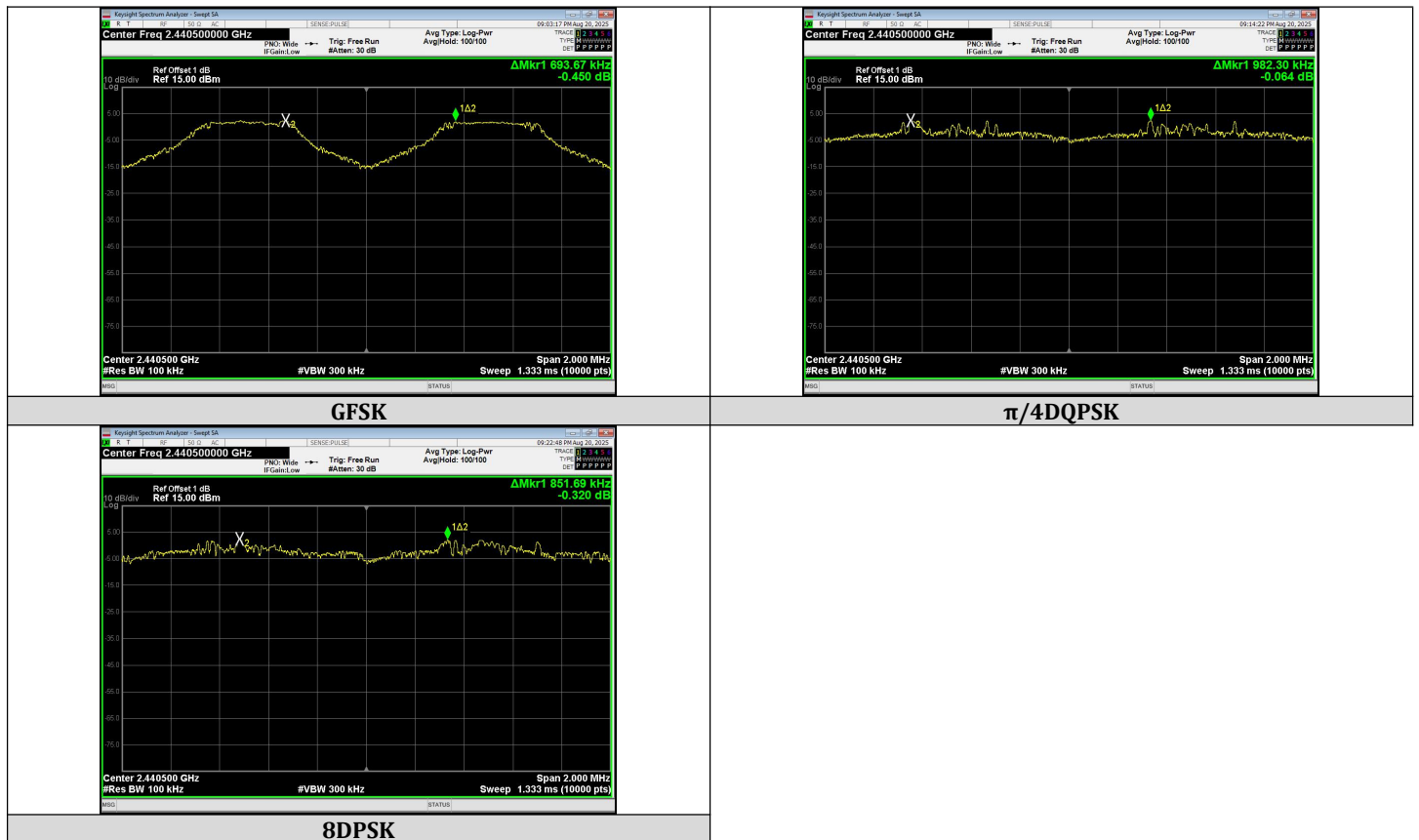


Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.1703	2440.8639	0.6937	0.99	PASS
$\pi/4$ DQPSK	2-DH5	2439.8516	2440.8339	0.9823	0.99	PASS
8DPSK	3-DH5	2439.9806	2440.8323	0.8517	0.99	PASS

Test Graphs



Number Of Hopping Channel

Test Result

Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

Test Graphs



Dwell Time

Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH1	Hopping	0.3804	318	120.97	< 400	PASS
	DH3		1.632	154	251.33		PASS
	DH5		2.896	113	327.25		PASS
$\pi/4$ DQPSK	2-DH1		0.3900	316	123.24		PASS
	2-DH3		1.632	157	256.22		PASS
	2-DH5		2.896	114	330.14		PASS
8DPSK	3-DH1		0.3900	316	123.24		PASS
	3-DH3		1.632	161	262.75		PASS
	3-DH5		2.896	99	286.7		PASS

Test Graphs

