

Appendix-BR&EDR

Conducted Test Data

Conducted 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	6.94	4.95	6.60	≤30	PASS
		39	6.89	4.89	6.41		PASS
		78	6.85	4.84	6.15		PASS
	DH3	0	6.82	4.81	6.53		PASS
		39	6.85	4.84	6.48		PASS
		78	6.82	4.81	6.41		PASS
	DH5	0	6.90	4.89	6.45		PASS
		39	6.80	4.79	6.55		PASS
		78	6.80	4.79	6.18		PASS
π/4DQPSK	2-DH1	0	6.07	4.04	4.10	≤20.97	PASS
		39	5.99	3.98	3.78		PASS
		78	5.83	3.83	3.81		PASS
	2-DH3	0	6.03	4.01	3.10		PASS
		39	5.97	3.96	3.10		PASS
		78	5.90	3.89	2.85		PASS
	2-DH5	0	6.03	4.01	2.76		PASS
		39	5.94	3.93	2.86		PASS
		78	5.91	3.89	2.70		PASS
8DPSK	3-DH1	0	6.18	4.15	3.93	≤20.97	PASS
		39	6.15	4.12	3.79		PASS
		78	6.08	4.06	3.96		PASS
	3-DH3	0	6.06	4.04	3.10		PASS
		39	6.04	4.01	3.01		PASS
		78	5.96	3.95	2.93		PASS
	3-DH5	0	5.95	3.94	2.77		PASS
		39	6.05	4.03	3.01		PASS
		78	5.97	3.96	2.78		PASS

Note: Antenna gain = 2.81 dBi.

Number of Hopping Frequencies

Test Result

Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH1	79	15	PASS
GFSK	DH1	79	15	PASS
GFSK	DH1	79	15	PASS
GFSK	DH3	79	15	PASS
GFSK	DH3	79	15	PASS
GFSK	DH3	79	15	PASS
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH1	79	15	PASS
$\pi/4$ DQPSK	2-DH1	79	15	PASS
$\pi/4$ DQPSK	2-DH1	79	15	PASS
$\pi/4$ DQPSK	2-DH3	79	15	PASS
$\pi/4$ DQPSK	2-DH3	79	15	PASS
$\pi/4$ DQPSK	2-DH3	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH1	79	15	PASS
8DPSK	3-DH1	79	15	PASS
8DPSK	3-DH1	79	15	PASS
8DPSK	3-DH3	79	15	PASS
8DPSK	3-DH3	79	15	PASS
8DPSK	3-DH3	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

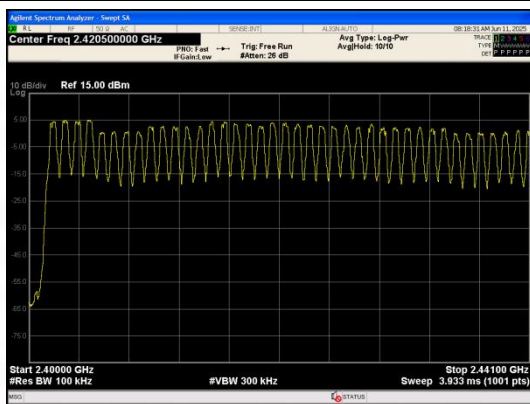
Test Graphs



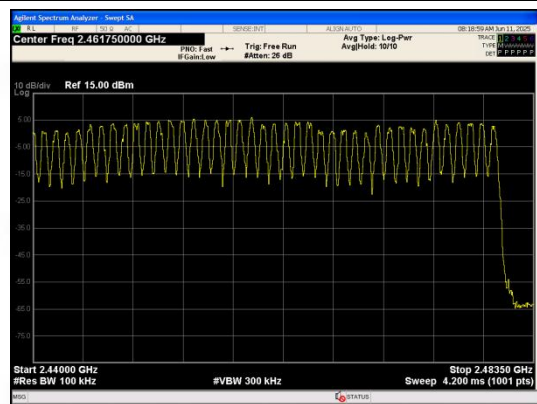
Low End Spectrum Channel Hopping Plot
GFSK



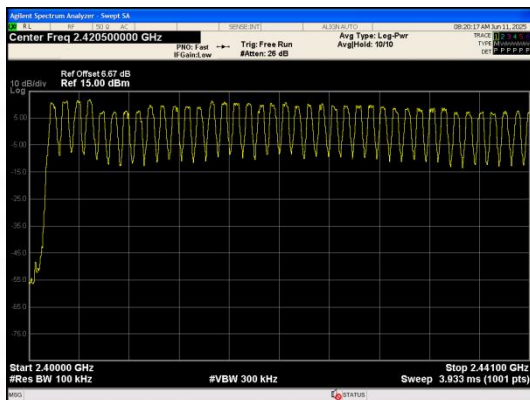
High End Spectrum Channel Hopping Plot
GFSK



Low End Spectrum Channel Hopping Plot
GFSK



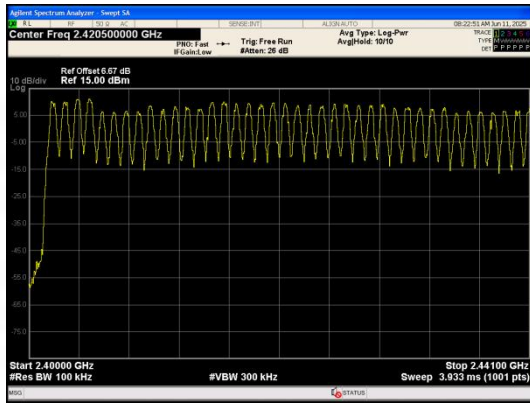
High End Spectrum Channel Hopping Plot
GFSK



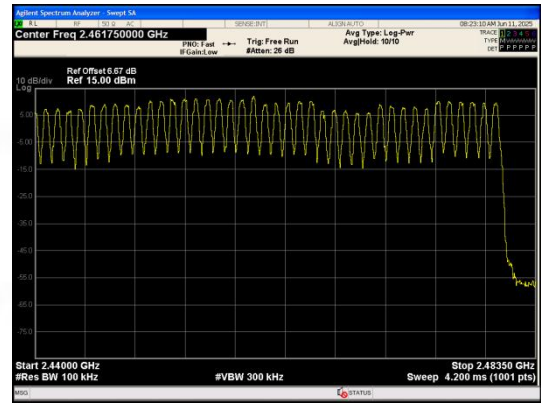
Low End Spectrum Channel Hopping Plot
GFSK



High End Spectrum Channel Hopping Plot
GFSK



Low End Spectrum Channel Hopping Plot
GFSK



High End Spectrum Channel Hopping Plot
GFSK



Low End Spectrum Channel Hopping Plot
GFSK



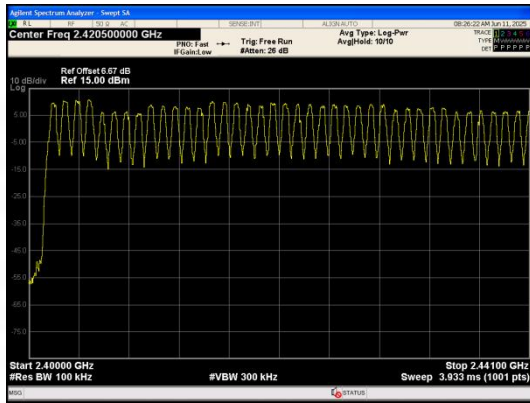
High End Spectrum Channel Hopping Plot
GFSK



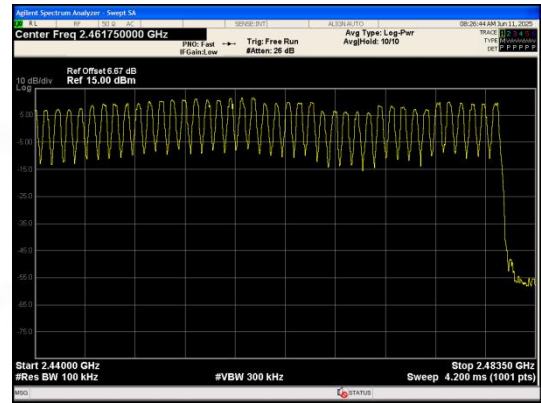
Low End Spectrum Channel Hopping Plot
GFSK



High End Spectrum Channel Hopping Plot
GFSK



Low End Spectrum Channel Hopping Plot
GFSK



High End Spectrum Channel Hopping Plot
GFSK



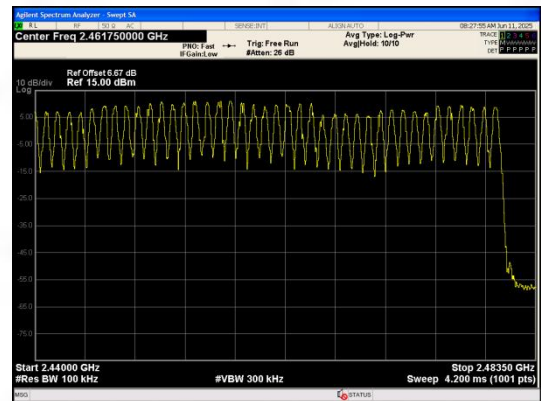
Low End Spectrum Channel Hopping Plot
GFSK



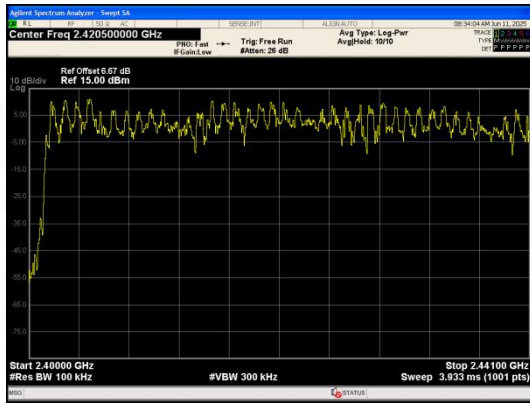
High End Spectrum Channel Hopping Plot
GFSK



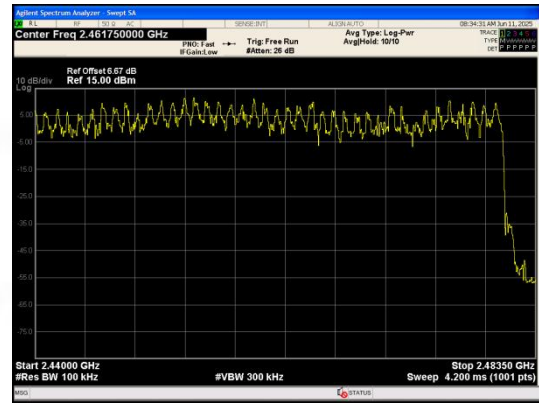
Low End Spectrum Channel Hopping Plot
GFSK



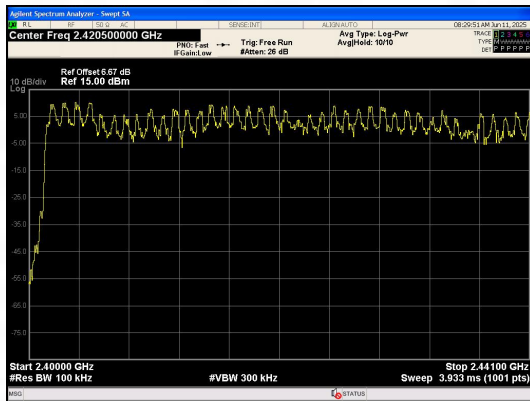
High End Spectrum Channel Hopping Plot
GFSK



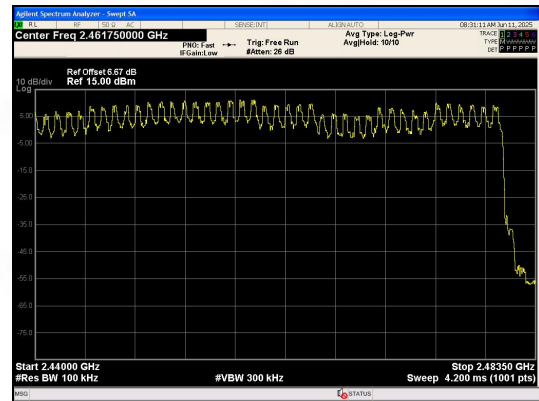
Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



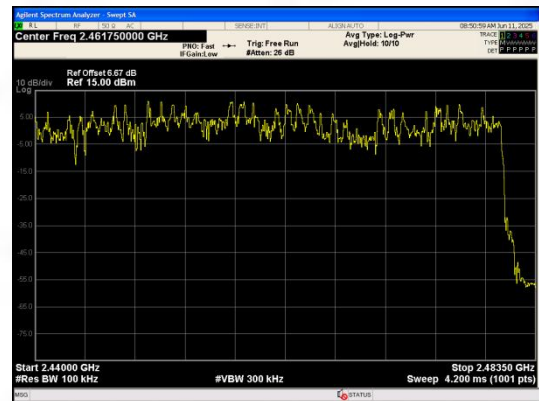
Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



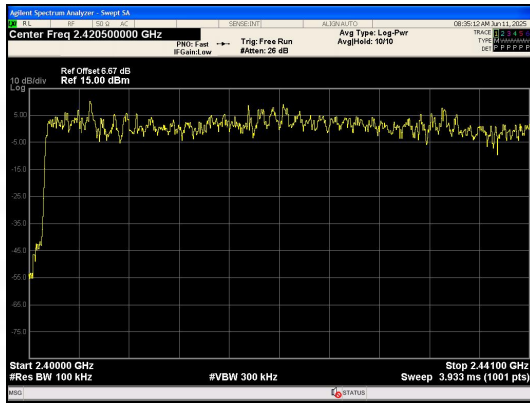
High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



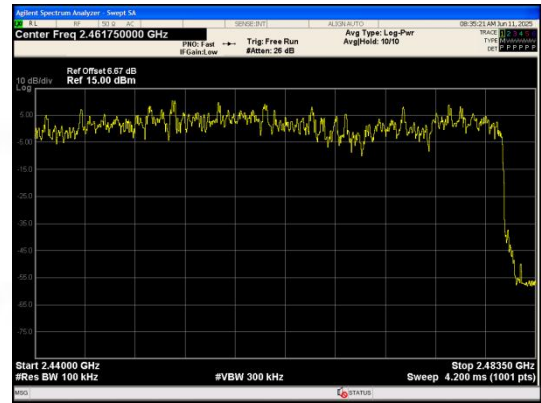
Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



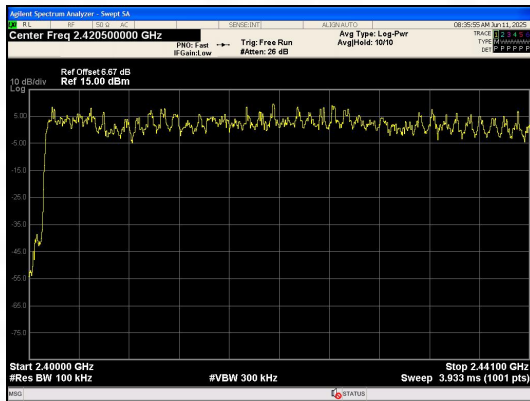
High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



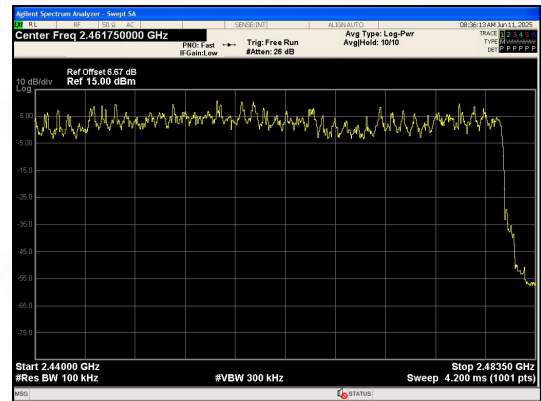
Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



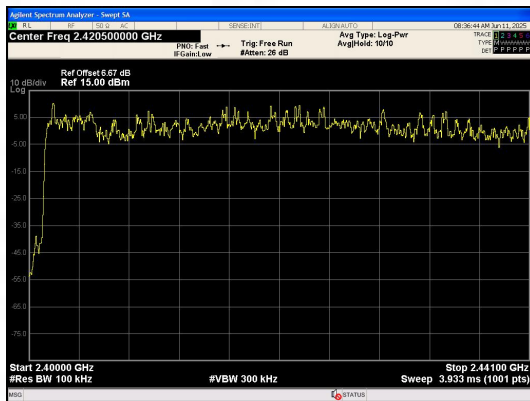
High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



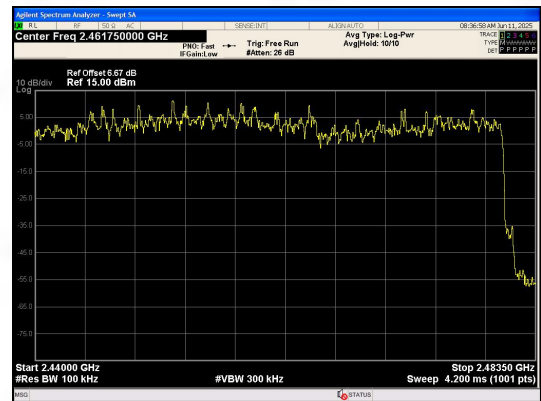
Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



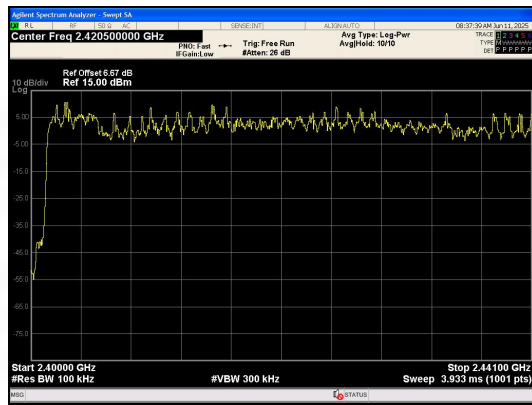
High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



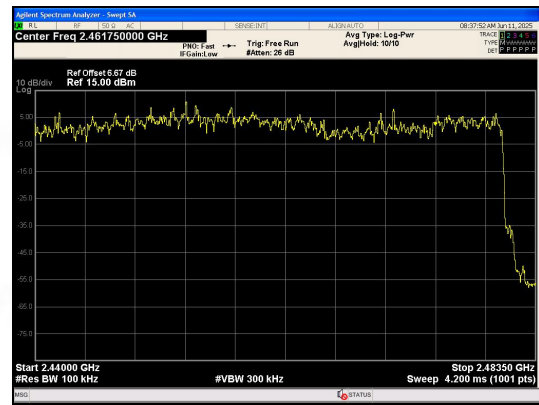
Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



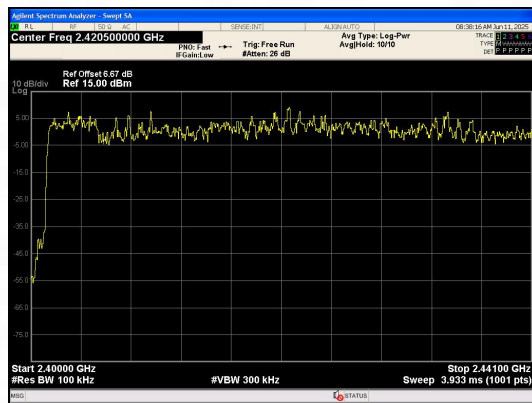
High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



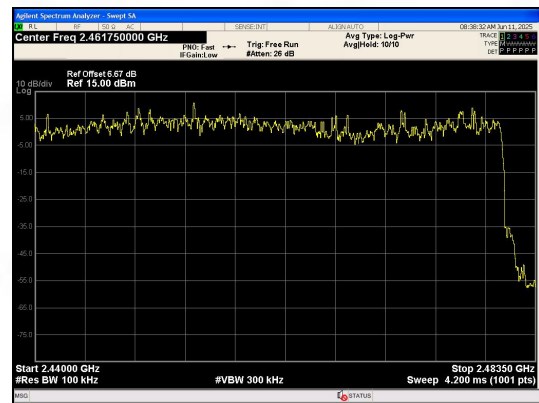
Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



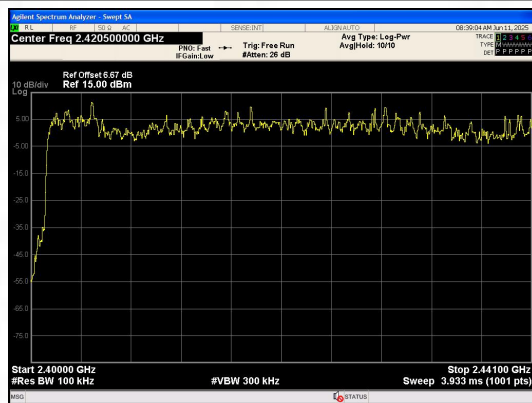
High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



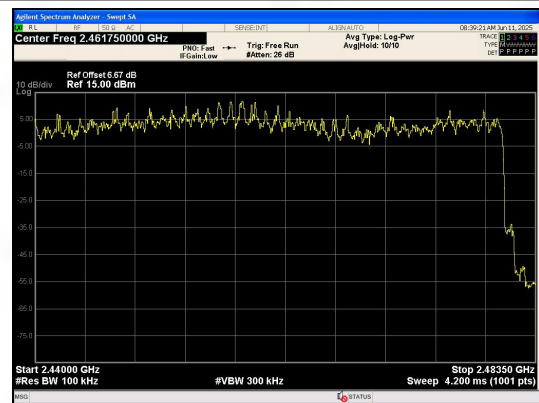
Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



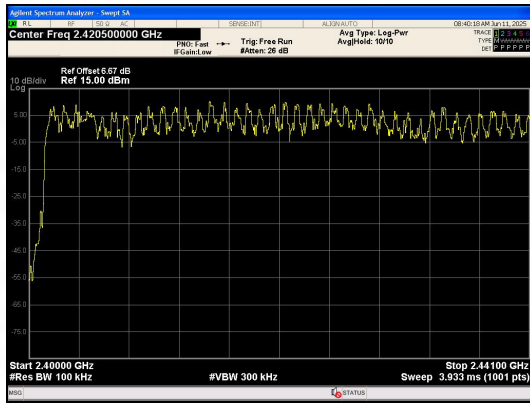
High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



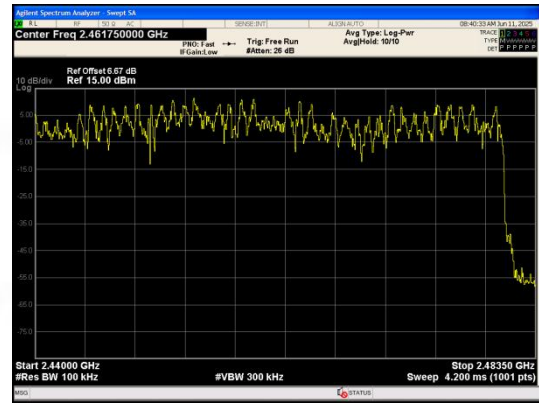
Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



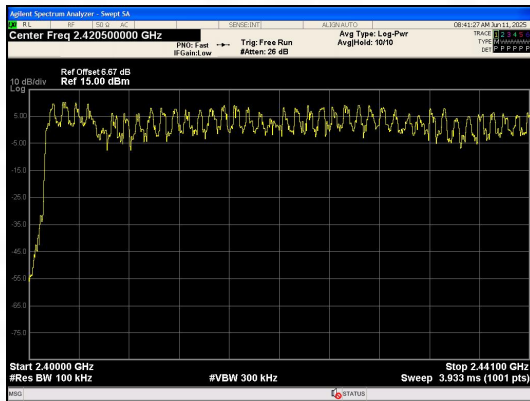
High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK



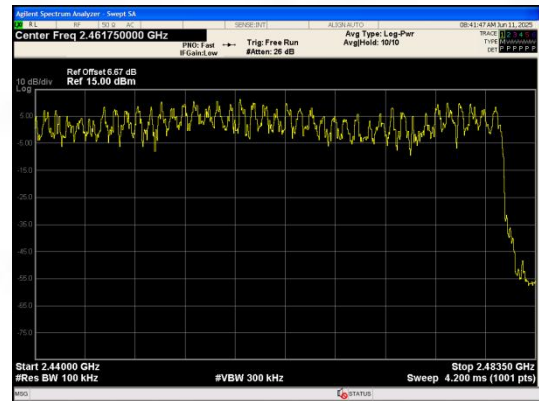
Low End Spectrum Channel Hopping Plot
8DPSK



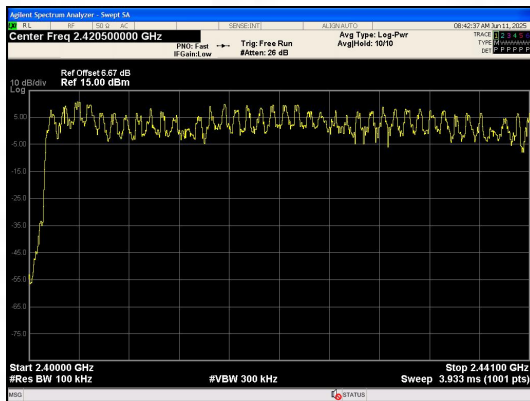
High End Spectrum Channel Hopping Plot
8DPSK



Low End Spectrum Channel Hopping Plot
8DPSK



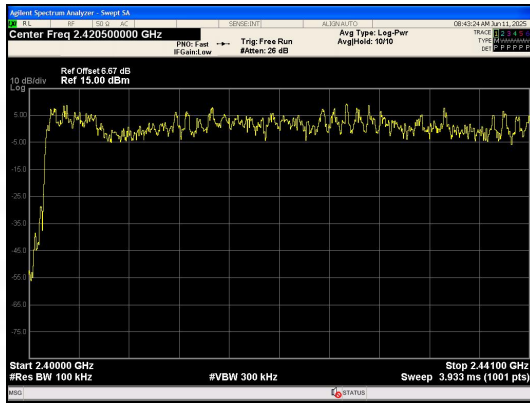
High End Spectrum Channel Hopping Plot
8DPSK



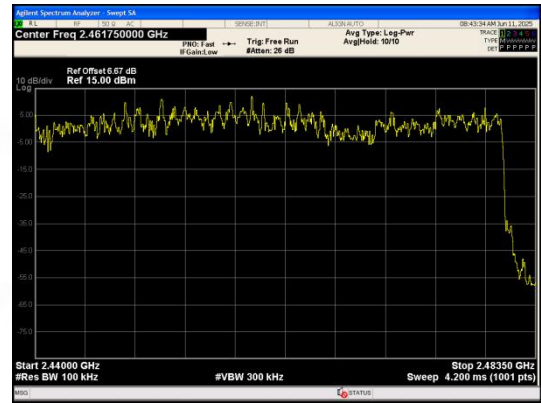
Low End Spectrum Channel Hopping Plot
8DPSK



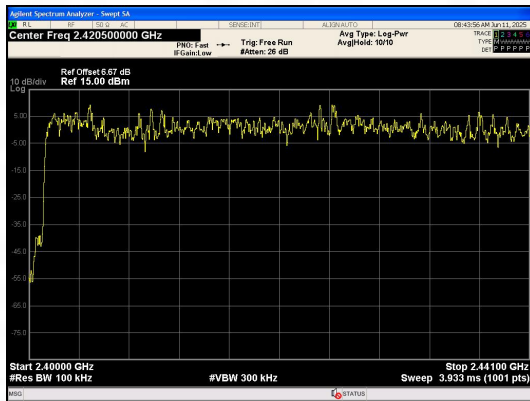
High End Spectrum Channel Hopping Plot
8DPSK



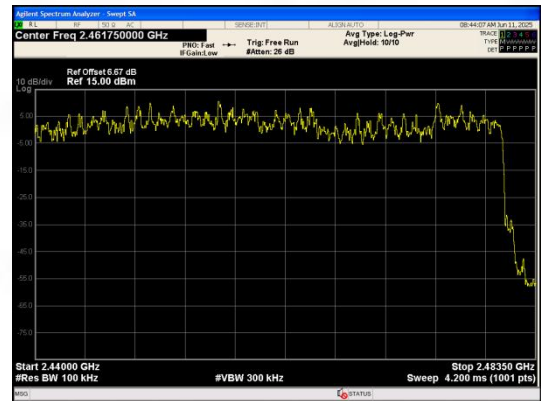
Low End Spectrum Channel Hopping Plot
8DPSK



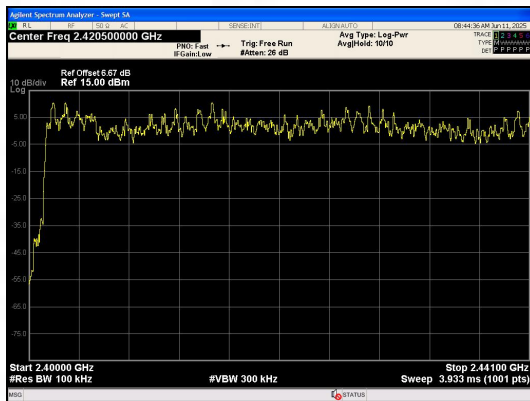
High End Spectrum Channel Hopping Plot
8DPSK



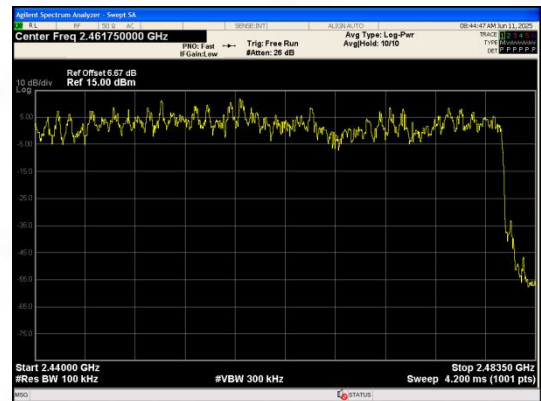
Low End Spectrum Channel Hopping Plot
8DPSK



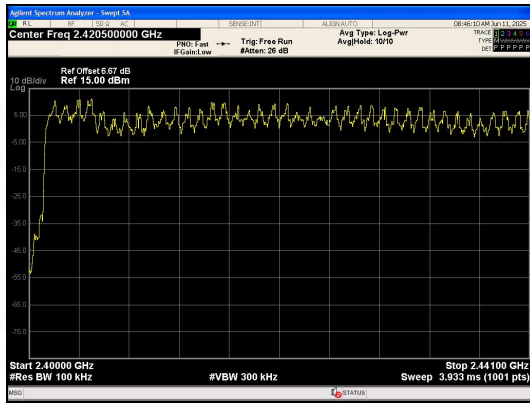
High End Spectrum Channel Hopping Plot
8DPSK



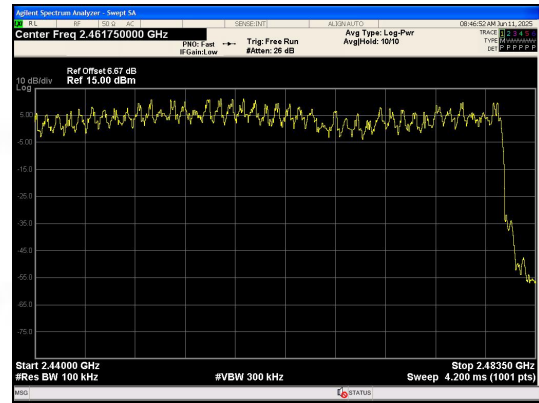
Low End Spectrum Channel Hopping Plot
8DPSK



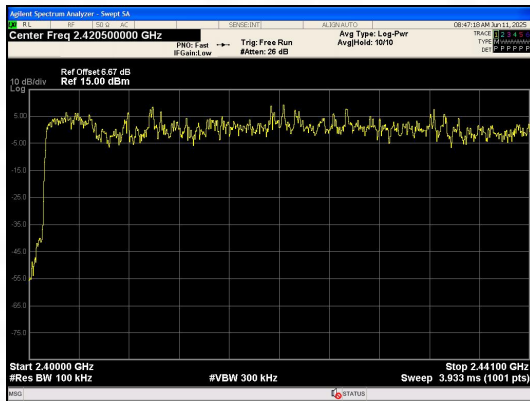
High End Spectrum Channel Hopping Plot
8DPSK



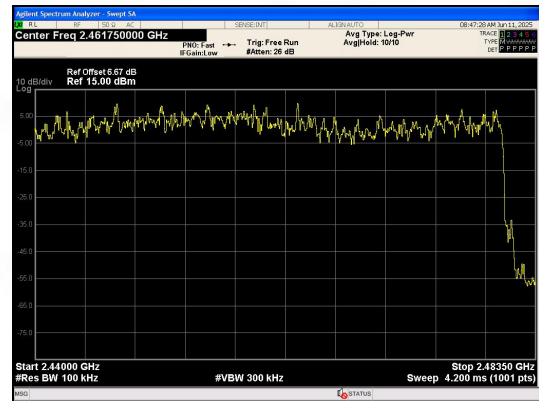
Low End Spectrum Channel Hopping Plot
8DPSK



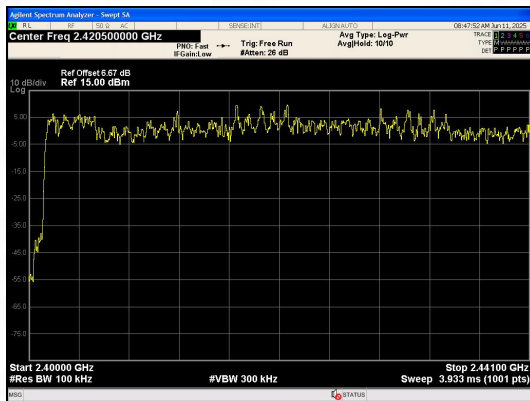
High End Spectrum Channel Hopping Plot
8DPSK



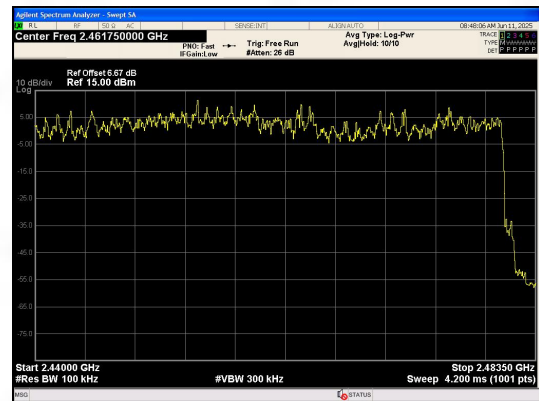
Low End Spectrum Channel Hopping Plot
8DPSK



High End Spectrum Channel Hopping Plot
8DPSK



Low End Spectrum Channel Hopping Plot
8DPSK



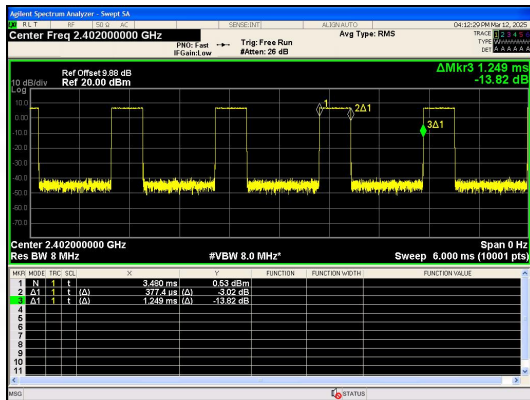
High End Spectrum Channel Hopping Plot
8DPSK

Duty Cycle

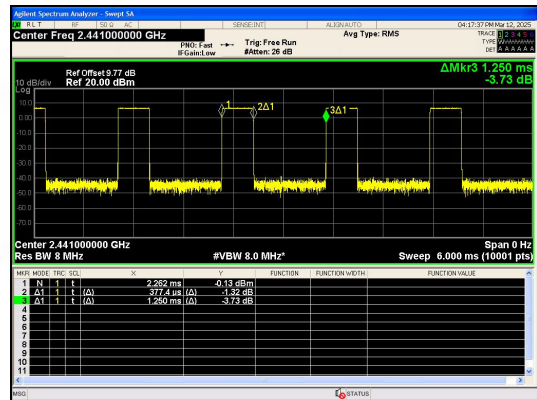
Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK	DH1	0	0.377	1.249	30.21	0.3021	5.1985	2.6525
		39	0.377	1.250	30.20	0.3020	5.1999	2.6525
		78	0.377	1.250	30.20	0.3020	5.1999	2.6525
	DH3	0	1.633	2.498	65.38	0.6538	1.8456	0.6124
		39	1.632	2.498	65.32	0.6532	1.8495	0.6127
		78	1.631	2.498	65.32	0.6532	1.8495	0.6131
	DH5	0	2.880	3.748	76.84	0.7684	1.1441	0.3472
		39	2.880	3.748	76.84	0.7684	1.1441	0.3472
		78	2.882	3.748	76.89	0.7689	1.1413	0.3470
$\pi/4$ DQPSK	2-DH1	0	0.384	1.250	30.75	0.3075	5.1215	2.6042
		39	0.385	1.249	30.77	0.3077	5.1187	2.5974
		78	0.385	1.250	30.77	0.3077	5.1187	2.5974
	2-DH3	0	1.636	2.499	65.46	0.6546	1.8402	0.6112
		39	1.635	2.498	65.44	0.6544	1.8416	0.6116
		78	1.636	2.499	65.46	0.6546	1.8402	0.6112
	2-DH5	0	2.884	3.748	76.95	0.7695	1.1379	0.3467
		39	2.884	3.748	76.95	0.7695	1.1379	0.3467
		78	2.884	3.748	76.95	0.7695	1.1379	0.3467
8DPSK	3-DH1	0	0.385	1.249	30.84	0.3084	5.1089	2.5974
		39	0.386	1.250	30.87	0.3087	5.1046	2.5907
		78	0.385	1.249	30.84	0.3084	5.1089	2.5974
	3-DH3	0	1.635	2.498	65.44	0.6544	1.8416	0.6116
		39	1.635	2.498	65.44	0.6544	1.8416	0.6116
		78	1.635	2.498	65.44	0.6544	1.8416	0.6116
	3-DH5	0	2.886	3.748	77.00	0.7700	1.1351	0.3465
		39	2.886	3.748	77.00	0.7700	1.1351	0.3465
		78	2.886	3.748	77.00	0.7700	1.1351	0.3465

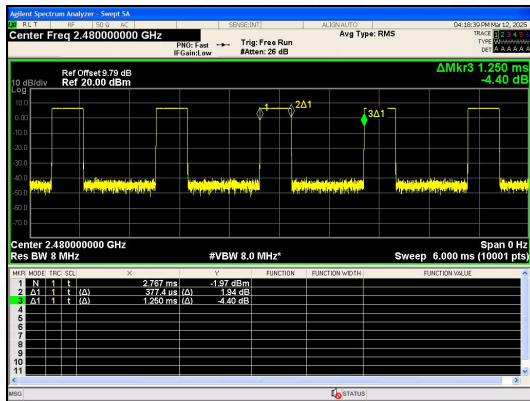
Test Graphs



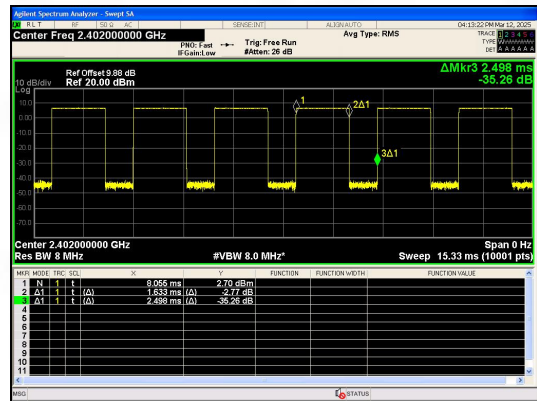
GFSK(DH1)_Channel 0



GFSK(DH1)_Channel 39



GFSK(DH1)_Channel 78



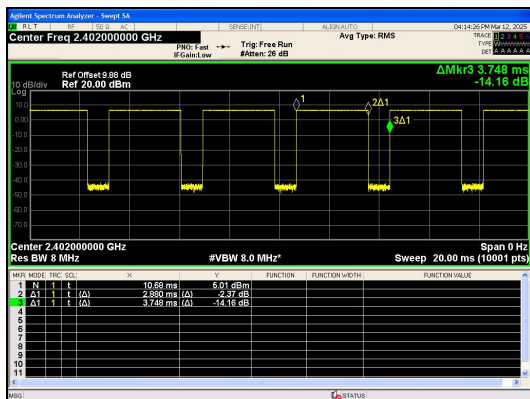
GFSK(DH3)_Channel 0



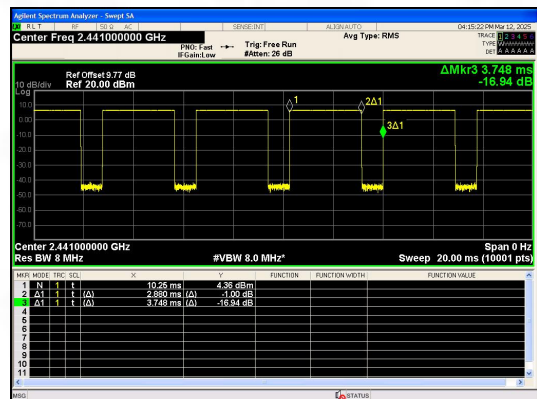
GFSK(DH3)_Channel 39



GFSK(DH3)_Channel 78



GFSK(DH5)_Channel 0



GFSK(DH5)_Channel 39