

Appendix A_Conduction Data for BR_EDR:

1.Conducted Peak Output Power

Test Result

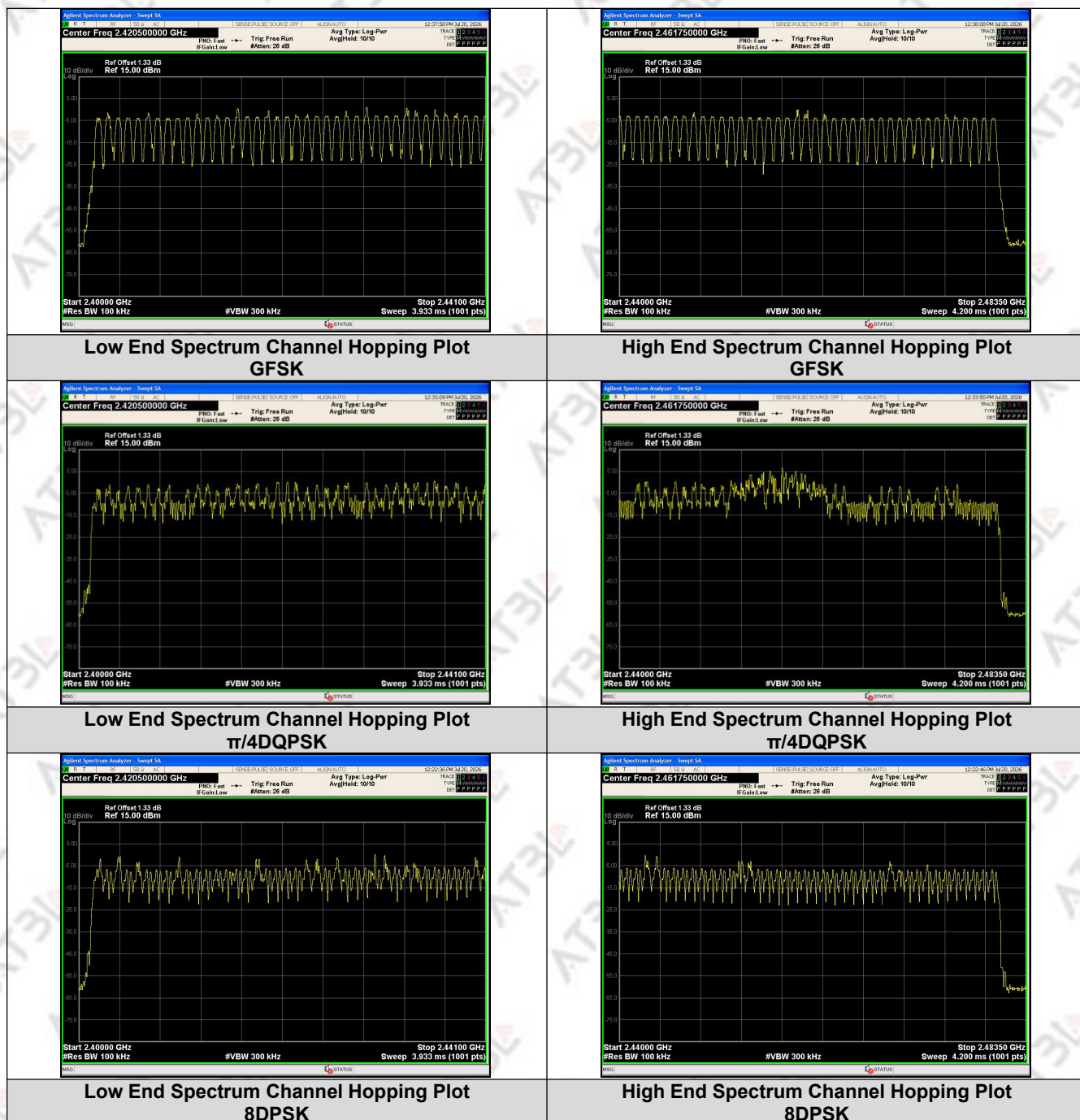
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power Limit (dBm)	Result
GFSK	DH5	0	0.27	≤ 21	PASS
		39	0.98	≤ 21	PASS
		78	0.10	≤ 21	PASS
$\pi/4$ DQPSK	2-DH5	0	-0.38	≤ 21	PASS
		39	0.49	≤ 21	PASS
		78	-0.45	≤ 21	PASS
8DPSK	3-DH5	0	-0.35	≤ 21	PASS
		39	0.43	≤ 21	PASS
		78	-0.49	≤ 21	PASS

2.Number of Hopping Frequencies

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



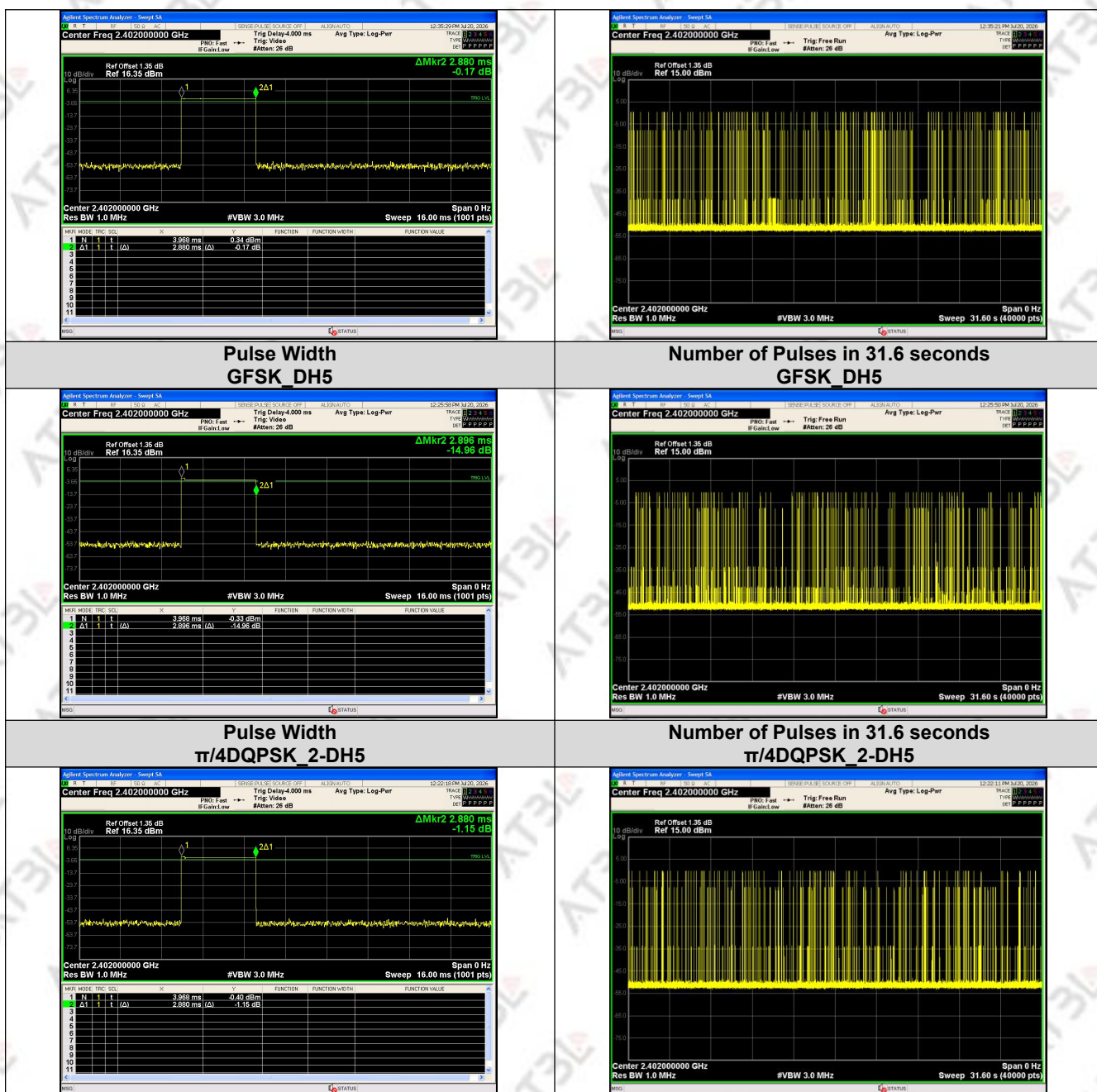
3.Dwell Time

Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH5	Hopping	2.880	123	354.24	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.896	103	298.29		PASS
8DPSK	3-DH5		2.880	97	279.36		PASS

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

Test Graphs



Pulse Width
8DPSK_3-DH5

Number of Pulses in 31.6 seconds
8DPSK_3-DH5

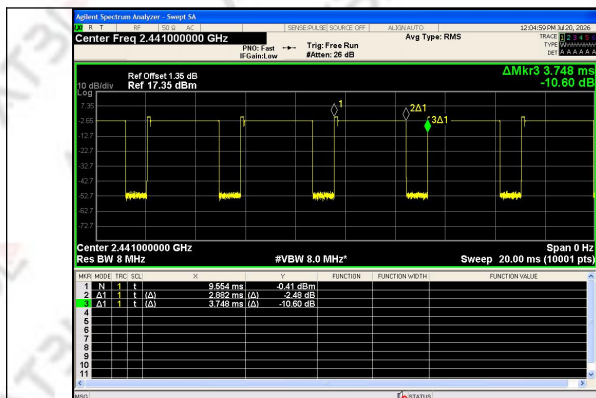
4. Duty Cycle

Test Result

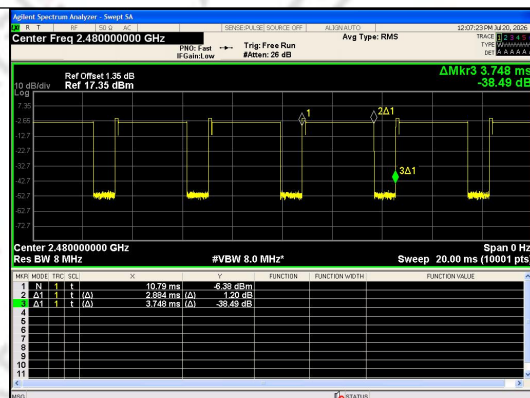
Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK	DH5	0	2.880	3.748	76.84	0.7684	1.1441	2.880
		39	2.882	3.748	76.89	0.7689	1.1413	2.882
		78	2.880	3.748	76.84	0.7684	1.1441	2.880
$\pi/4$ DQPSK	2-DH5	0	2.882	3.748	76.89	0.7689	1.1413	2.882
		39	2.882	3.748	76.89	0.7689	1.1413	2.882
		78	2.884	3.748	76.95	0.7695	1.1379	2.884
8DPSK	3-DH5	0	2.886	3.748	77.00	0.7700	1.1351	2.886
		39	2.886	3.748	77.00	0.7700	1.1351	2.886
		78	2.884	3.748	76.95	0.7695	1.1379	2.884

Test Graphs

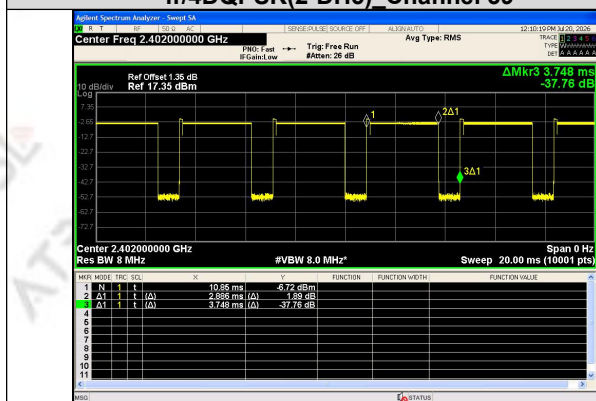




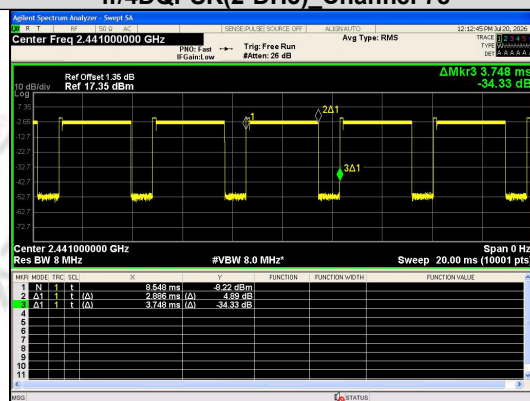
$\pi/4$ DQPSK(2-DH5)_Channel 39



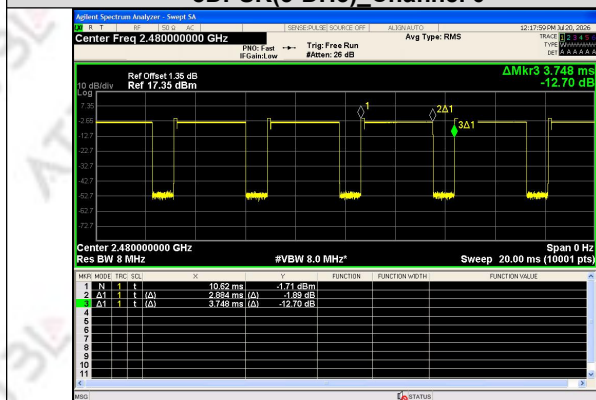
$\pi/4$ DQPSK(2-DH5)_Channel 78



8DPSK(3-DH5)_Channel 0



8DPSK(3-DH5)_Channel 39



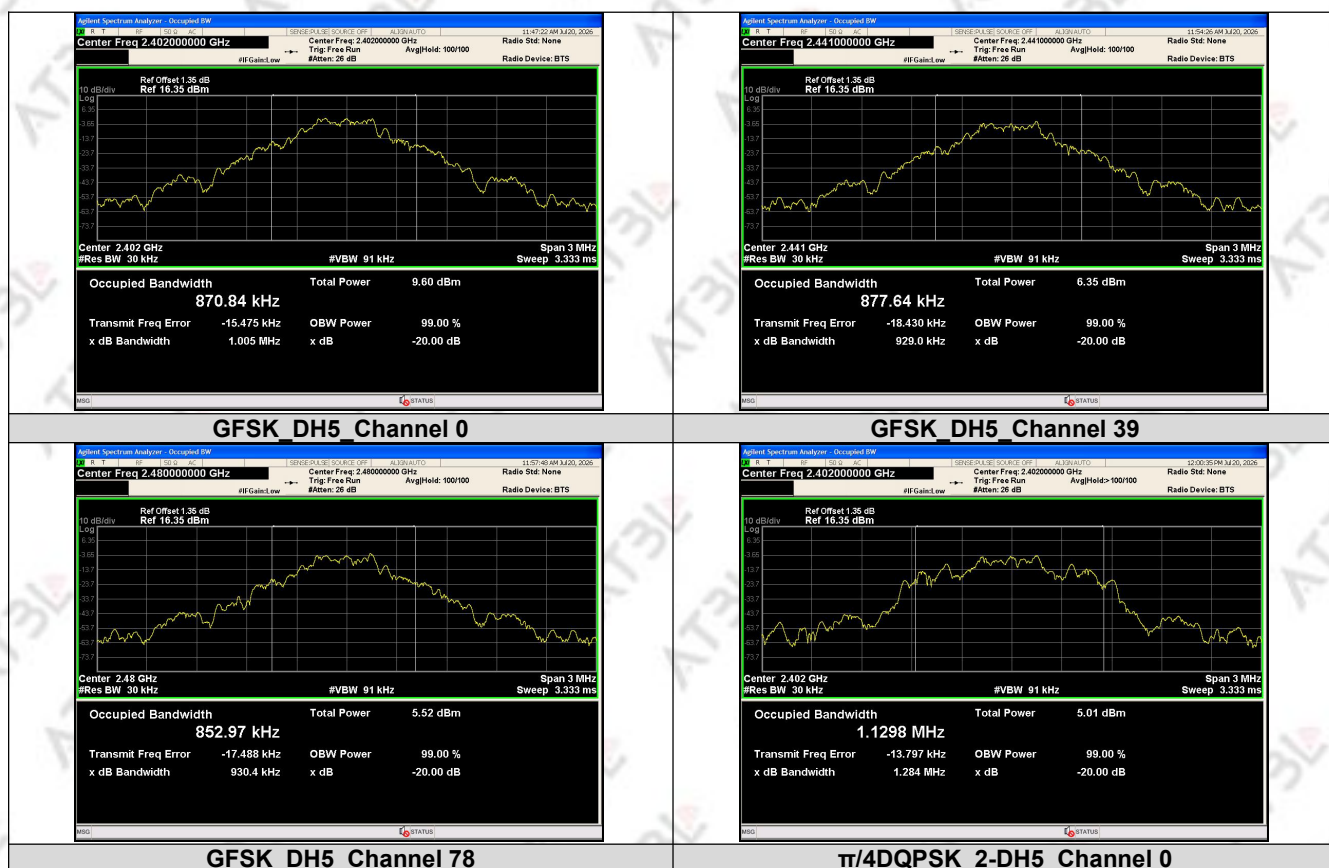
8DPSK(3-DH5)_Channel 78

5.20dB Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.005
	39	2441 MHz	0.929
	78	2480 MHz	0.930
$\pi/4$ DQPSK	0	2402 MHz	1.284
	39	2441 MHz	1.283
	78	2480 MHz	1.283
8DPSK	0	2402 MHz	1.152
	39	2441 MHz	1.201
	78	2480 MHz	1.162

Test Graphs





π /4DQPSK 2-DH5 Channel 39



π /4DQPSK 2-DH5 Channel 78



8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



8DPSK 3-DH5 Channel 78