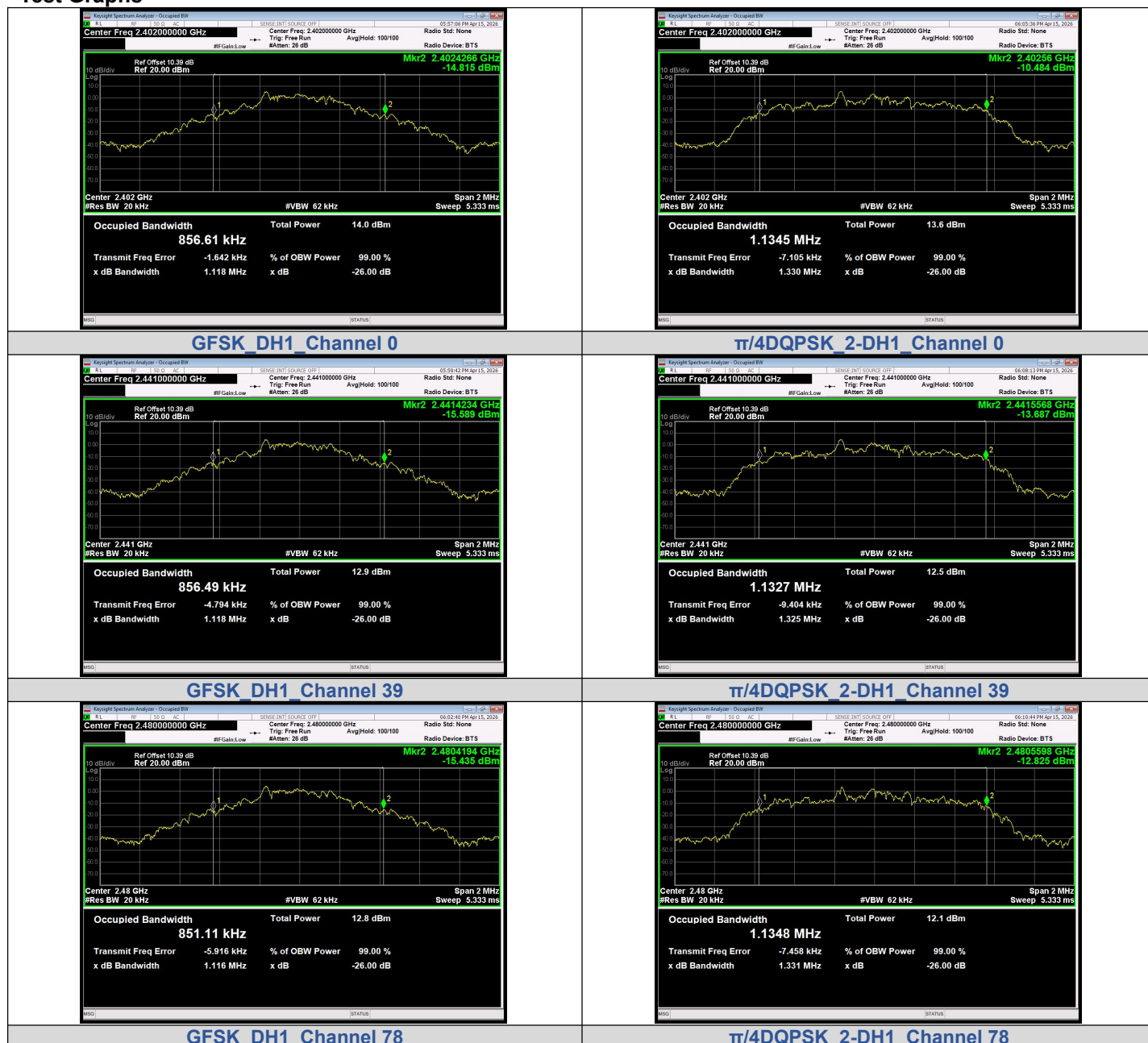


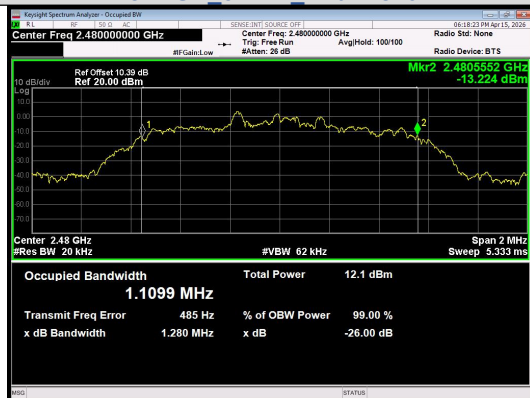
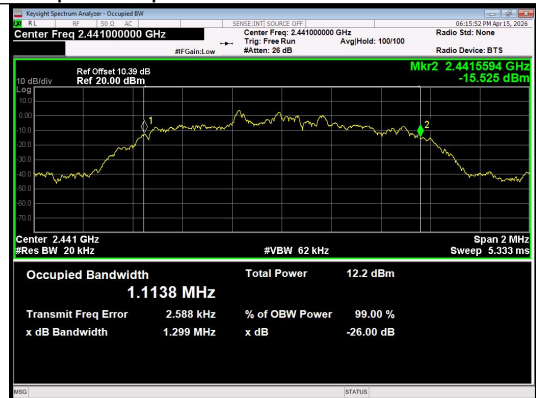
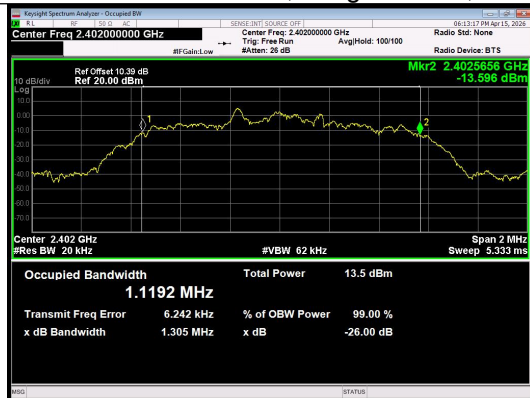
A.5 99% BANDWIDTH

Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.85661
	39	2441	0.85649
	78	2480	0.85111
π /4DQPSK	0	2402	1.1345
	39	2441	1.1327
	78	2480	1.1348
8DPSK	0	2402	1.1192
	39	2441	1.1138
	78	2480	1.1099

Test Graphs



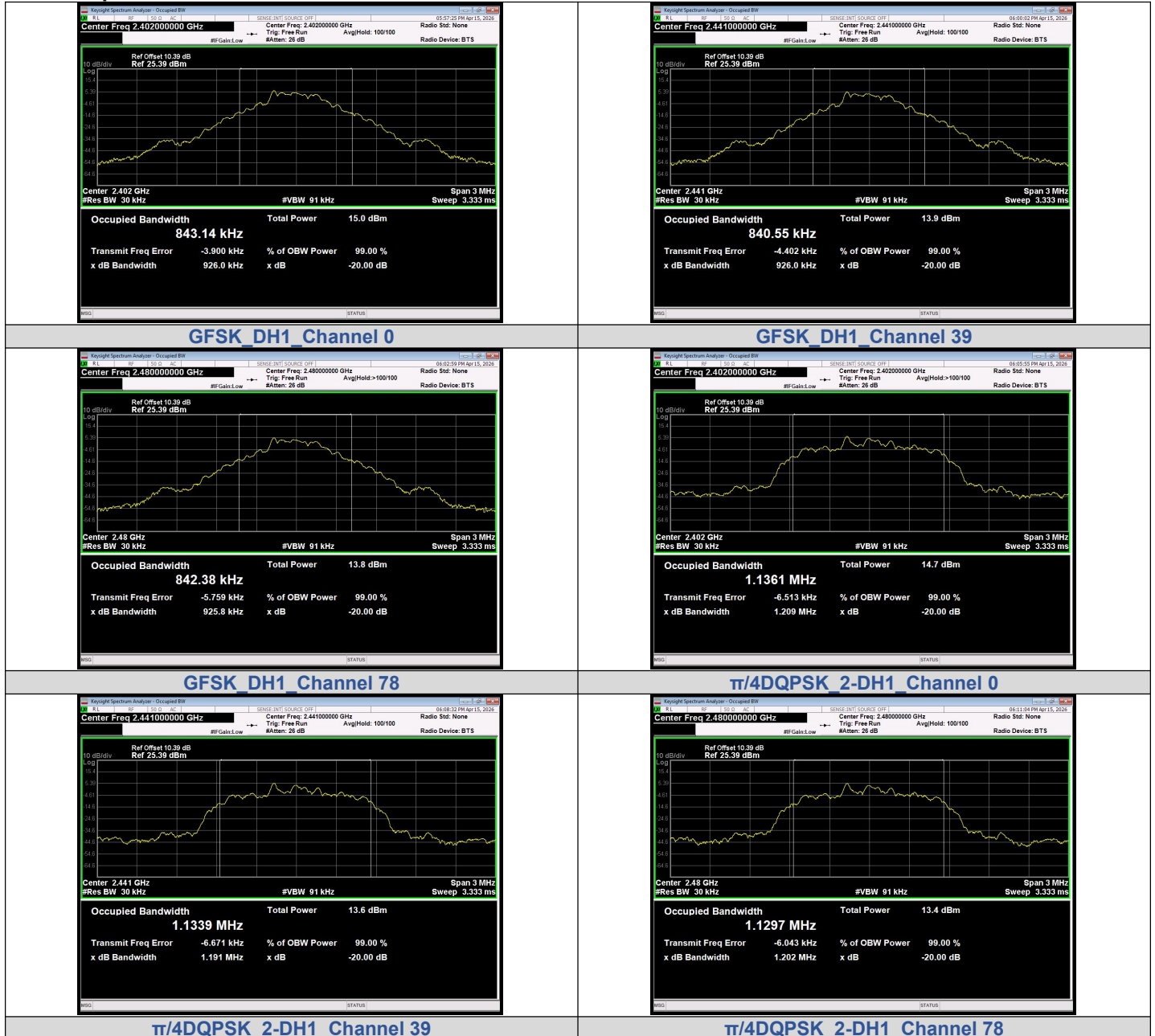


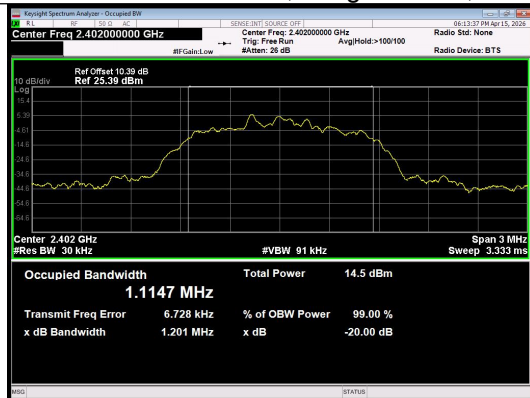
A.6 20DB BANDWIDTH

Test Result

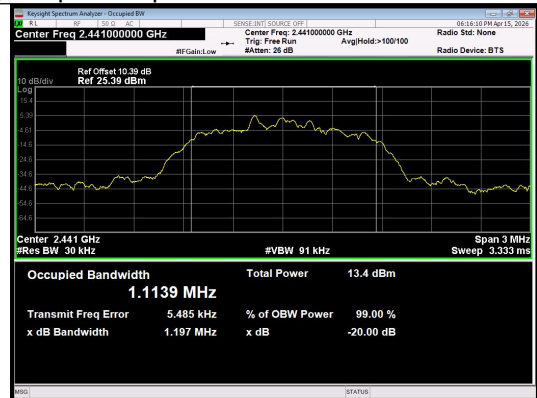
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9260
	39	2441 MHz	0.9260
	78	2480 MHz	0.9258
π /4DQPSK	0	2402 MHz	1.209
	39	2441 MHz	1.191
	78	2480 MHz	1.202
8DPSK	0	2402 MHz	1.201
	39	2441 MHz	1.197
	78	2480 MHz	1.197

Test Graphs

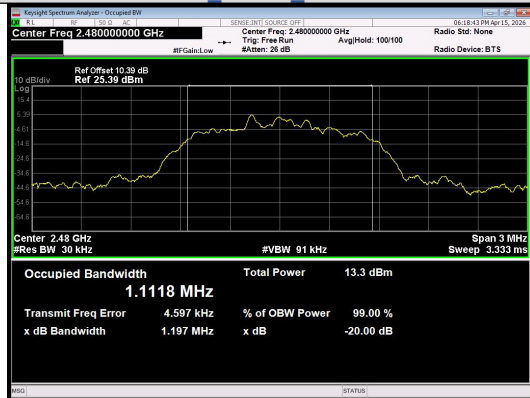




8DPSK_3-DH1_Channel 0



8DPSK_3-DH1_Channel 39



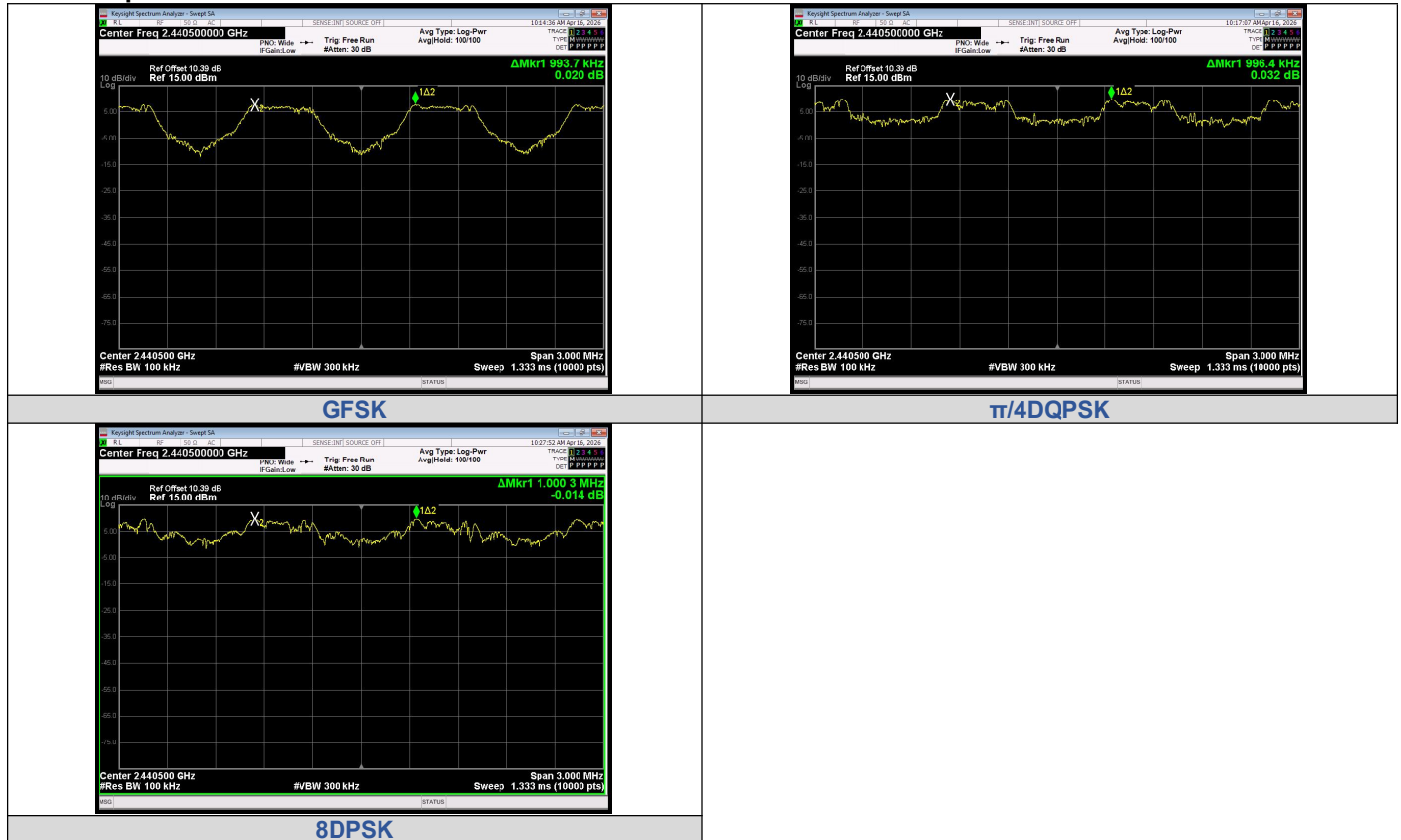
8DPSK_3-DH1_Channel 78

A.7 CARRIER FREQUENCIES SEPARATION

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH1	2439.8386	2440.8323	0.9937	0.617	PASS
$\pi/4$ DQPSK	2-DH1	2439.8416	2440.838	0.9964	0.806	PASS
8DPSK	3-DH1	2439.8389	2440.8392	1.0003	0.801	PASS

Test Graphs



A.8 CONDUCTED SPURIOUS & BAND EDGE EMISSION

Test Result
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	0	2400.00	-43.878	-12.02	-31.858	PASS
			23598.5	-49.138	-12.02	-37.118	PASS
		78	23703.4	-49.064	-12.84	-36.224	PASS
			2483.50	-53.075	-12.91	-40.165	PASS
			23688.4	-49.399	-12.91	-36.489	PASS
$\pi/4$ DQPSK	2-DH1	0	2400.00	-42.721	-11.98	-30.741	PASS
			23717.1	-49.555	-11.98	-37.575	PASS
		78	23761.5	-49.324	-12.84	-36.484	PASS
			2483.50	-52.841	-12.99	-39.851	PASS
			23750.2	-47.510	-12.99	-34.520	PASS
8DPSK	3-DH1	0	2400.00	-43.794	-12.02	-31.774	PASS
			23651.0	-48.652	-12.02	-36.632	PASS
		78	23533.6	-49.065	-12.85	-36.215	PASS
			2483.50	-53.313	-12.99	-40.323	PASS
			23682.8	-49.410	-12.99	-36.420	PASS

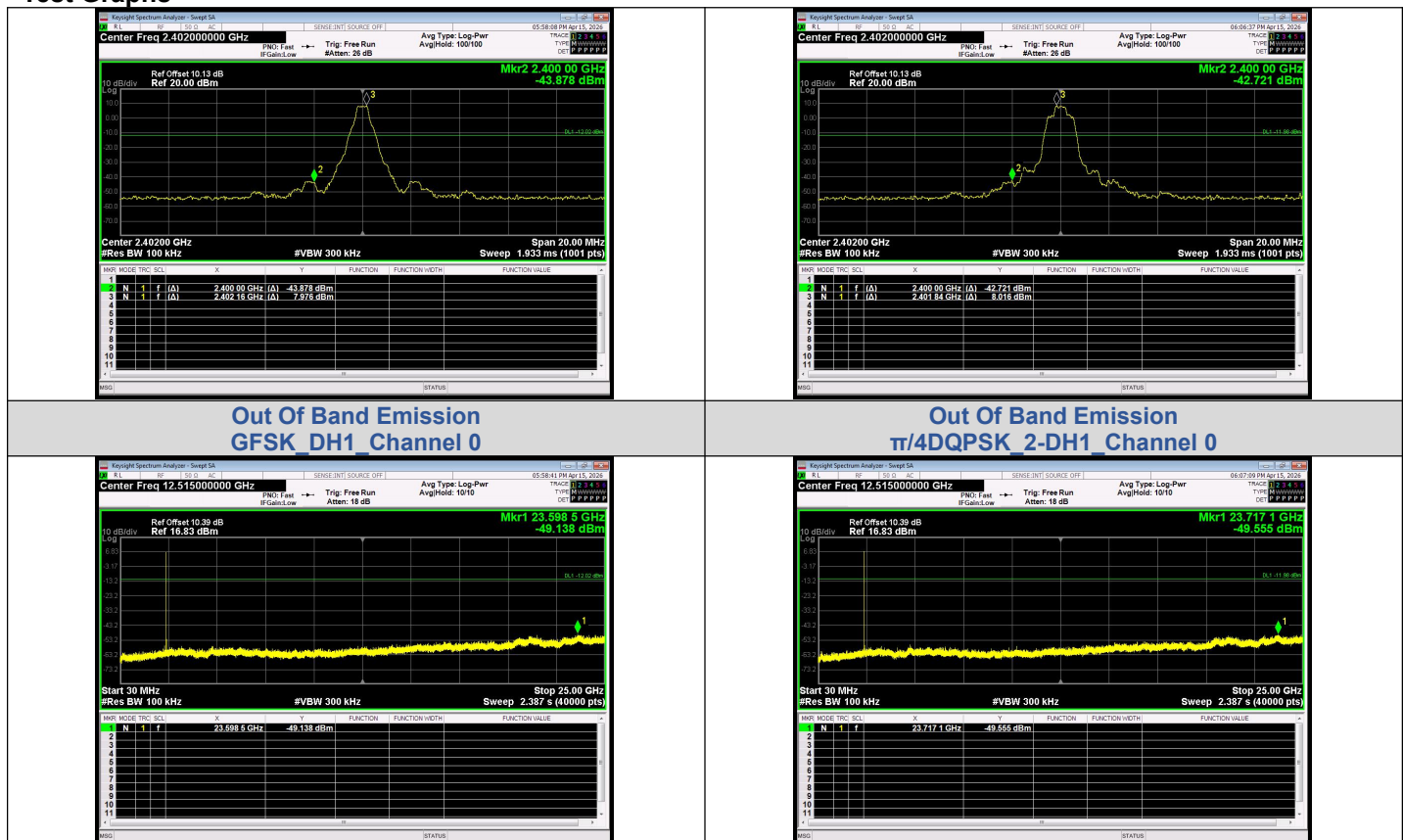
Note: input compensation coefficient (dB)= Cable Loss (dB)

Hopping

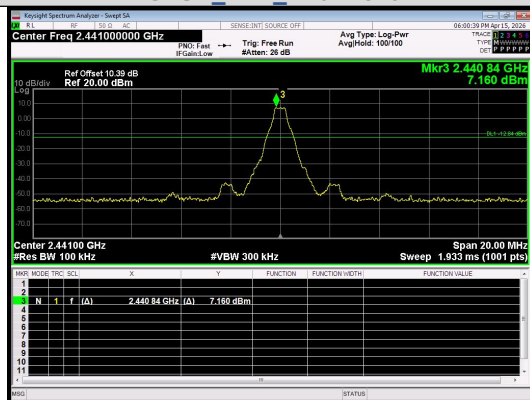
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	Hopping	2400.00	-43.914	-11.45	-32.464	PASS
			2483.50	-52.157	-12.24	-39.917	PASS
$\pi/4$ DQPSK	2-DH1		2400.00	-42.602	-9.39	-33.212	PASS
			2483.50	-52.604	-10.28	-42.324	PASS
8DPSK	3-DH1		2400.00	-43.192	-9.43	-33.762	PASS
			2483.50	-49.562	-10.2	-39.362	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

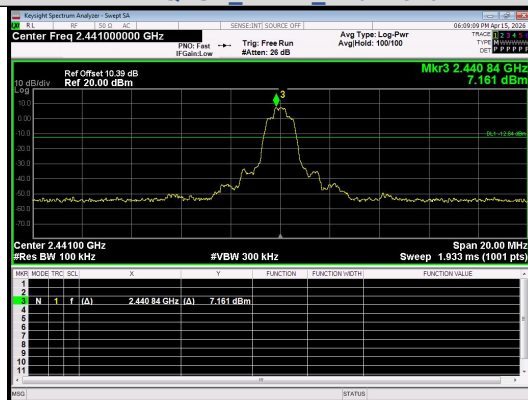
Test Graphs



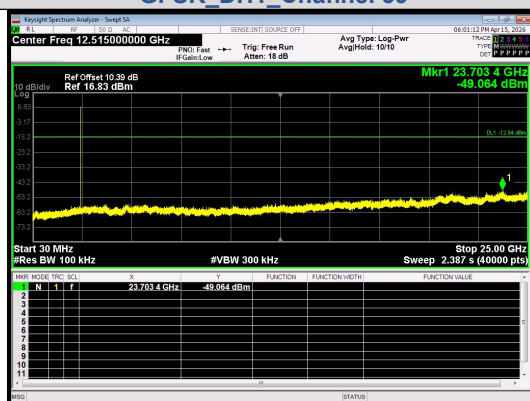
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 0



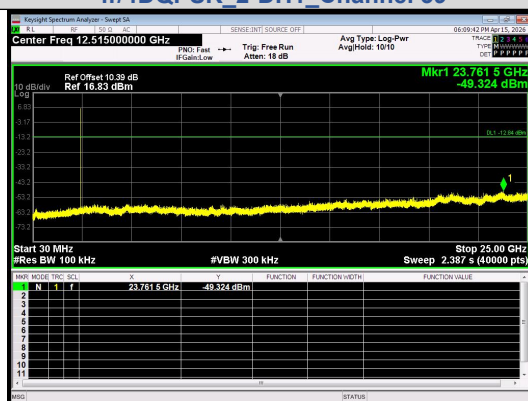
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 0



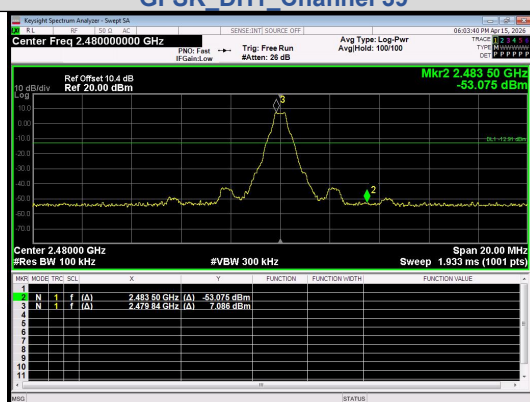
Out Of Band Emission
GFSK_DH1_Channel 39



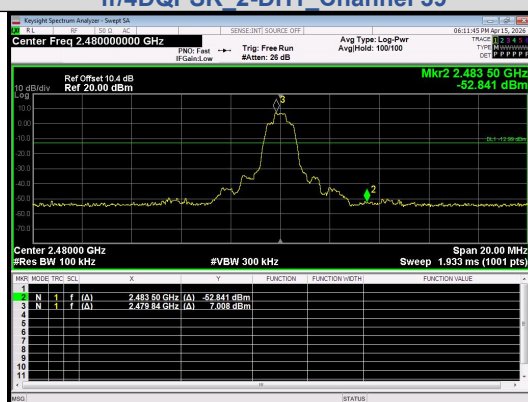
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 39



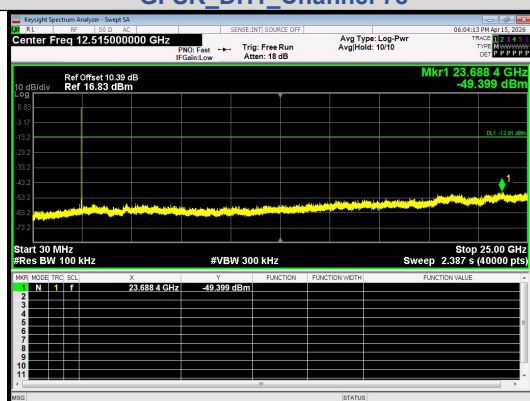
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 39



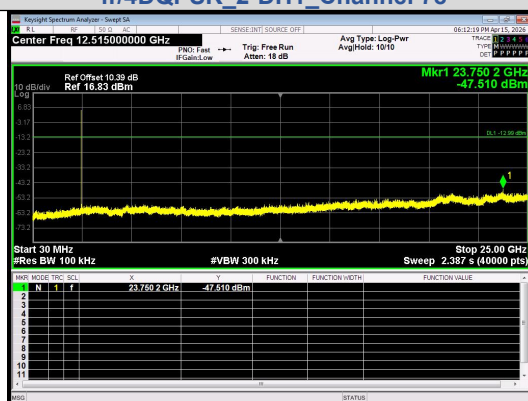
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 39



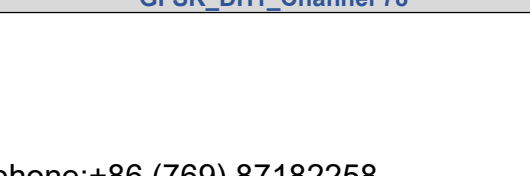
Out Of Band Emission
GFSK_DH1_Channel 78



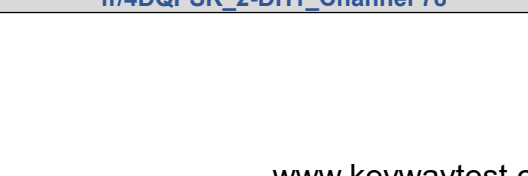
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 78

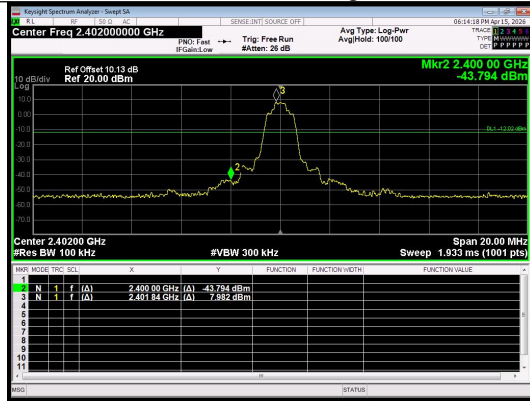


30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 78

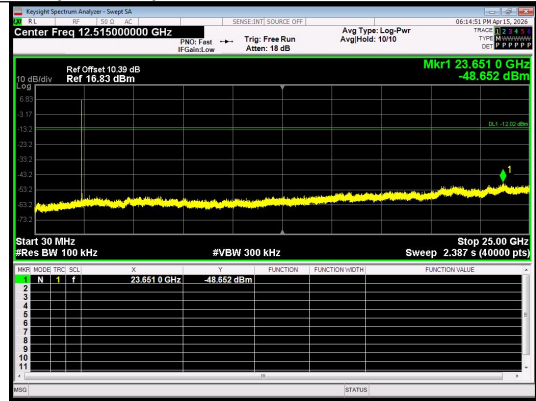


30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 78

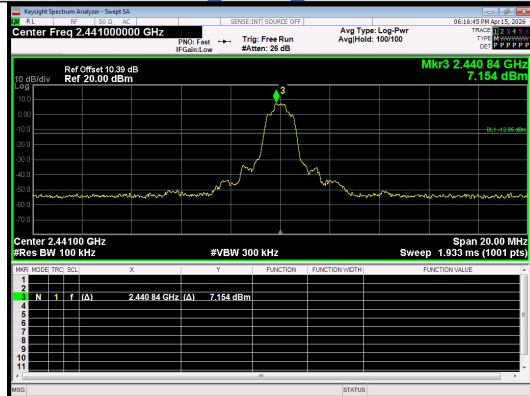




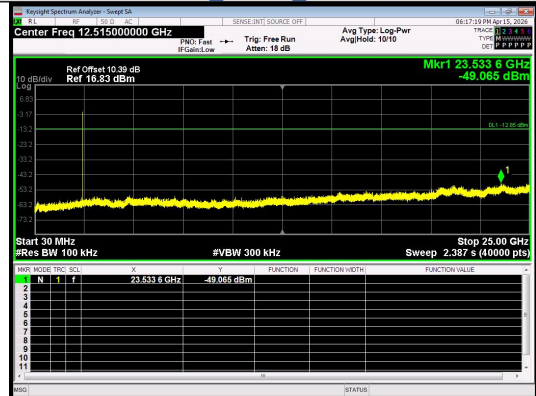
Out Of Band Emission
8DPSK 3-DH1 Channel 0



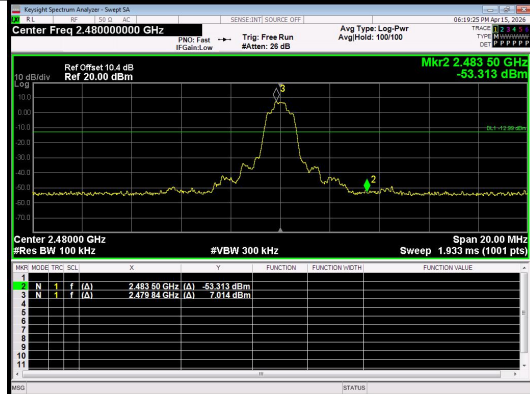
30.0 MHz - 25000.0 MHz
8DPSK 3-DH1 Channel 0



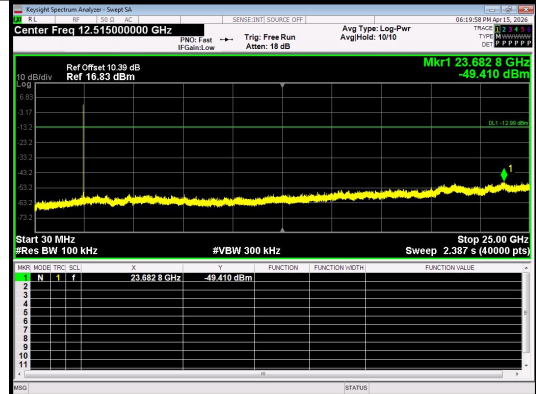
Out Of Band Emission
8DPSK 3-DH1 Channel 39



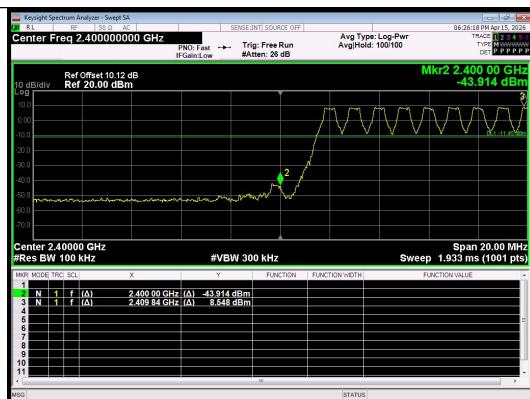
30.0 MHz - 25000.0 MHz
8DPSK 3-DH1 Channel 39



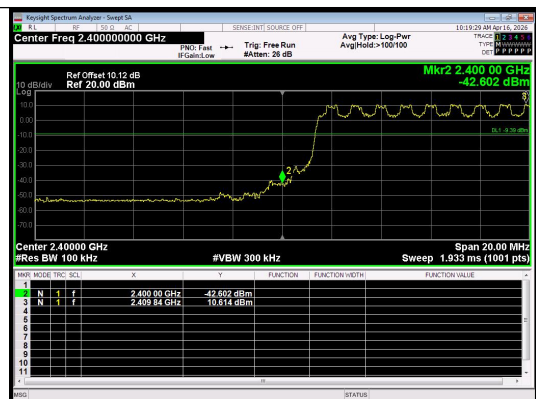
Out Of Band Emission
8DPSK 3-DH1 Channel 78



30.0 MHz - 25000.0 MHz
8DPSK 3-DH1 Channel 78



Out Of Band Emission(Left)
GFSK DH1 Channel Hopping



Out Of Band Emission(Left)
 $\pi/4$ DQPSK 2-DH1 Channel Hopping