



Keyway Testing Technology (Guangdong) Co., Ltd
Room 2102, Building 6, Dongyi Intelligent Equipment New Energy Vehicle Park,
No.30 of Tangxia District, Dongshen Road, Tangxia Town, Dongguan, 523710,
People's Republic of China

Bluetooth_(Class Bluetooth)_Test data	
Report No.:	2025122950504370-00
FCC ID:	2BTJP-C707PA
E.U.T:	Active Speaker
Model Number:	C707PA
Trade Name:	JAMO
Sample Number:	33000258641
Test engineer:	Hugh Zhang
Date of Receipt:	Dec. 05, 2025
Date of Test:	Dec. 05, 2025 ~ Jan. 16, 2026
Result:	PASS



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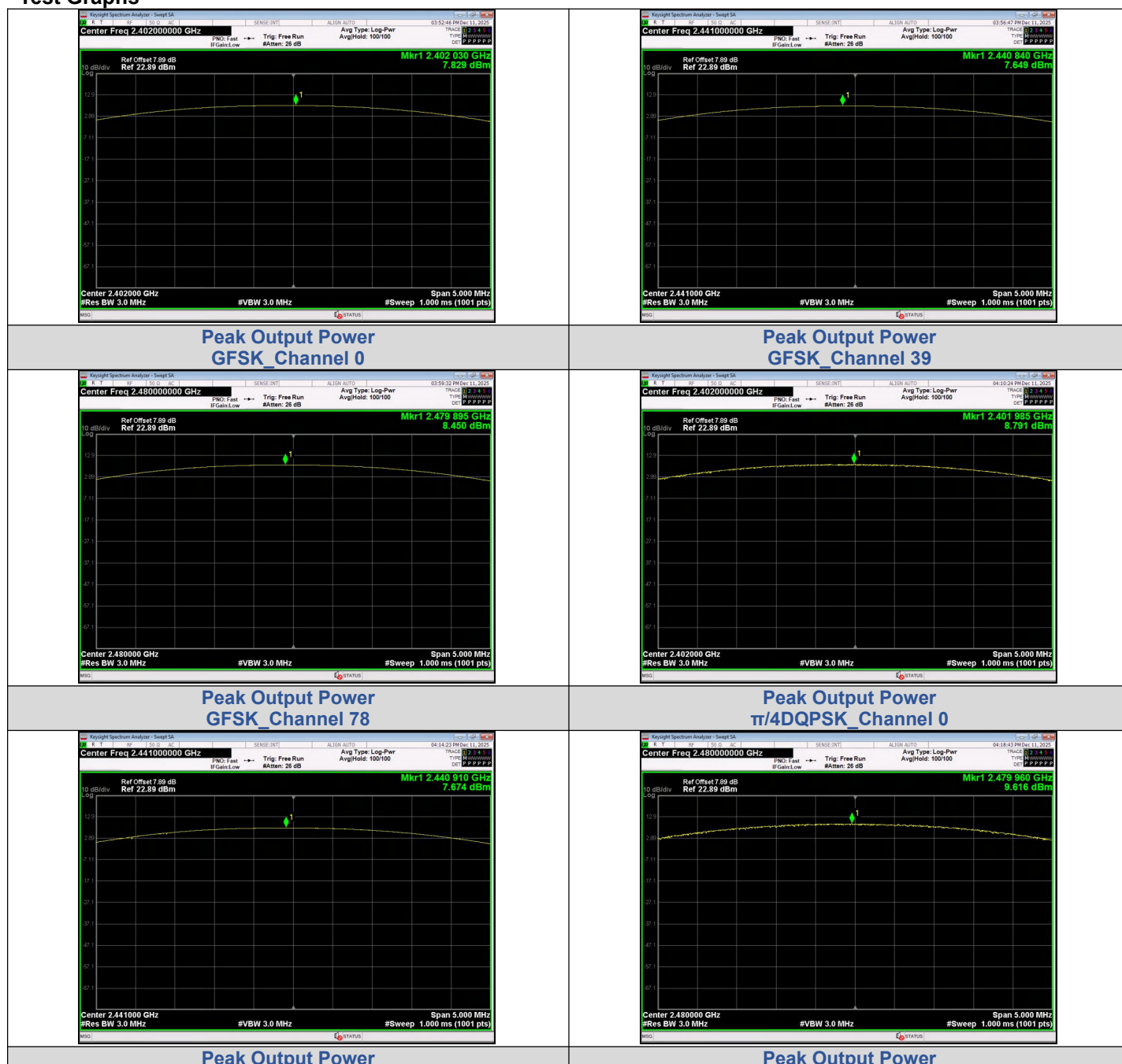
A.1 CONDUCTED OUTPUT POWER

Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH1	0	7.83	6.07	None	≤30	PASS
		39	7.65	5.82	None		PASS
		78	8.45	7.00	None		PASS
$\pi/4$ DQPSK	2-DH1	0	8.79	7.57	None		PASS
		39	7.67	5.85	None		PASS
		78	9.62	9.15	None		PASS
8DPSK	3-DH1	0	9.43	8.77	None		PASS
		39	9.32	8.54	None		PASS
		78	9.77	9.49	None		PASS

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

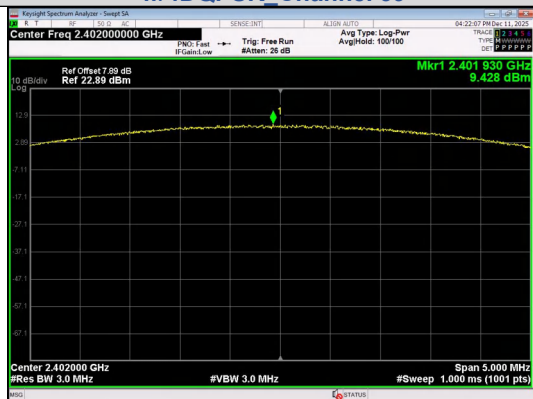
Test Graphs



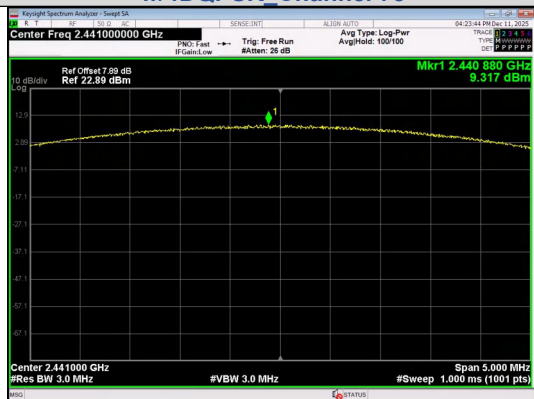


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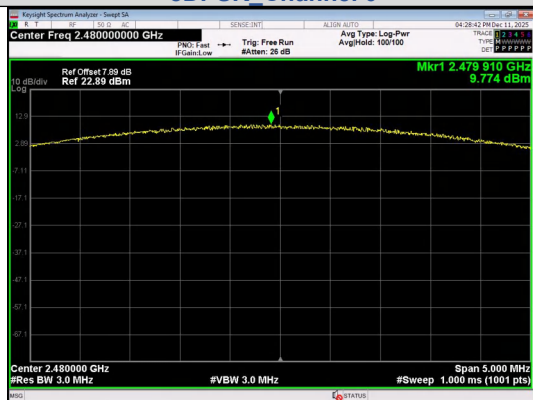
$\pi/4$ DQPSK Channel 39



$\pi/4$ DQPSK Channel 78



Peak Output Power
8DPSK Channel 0



Peak Output Power
8DPSK Channel 39

Peak Output Power
8DPSK Channel 78



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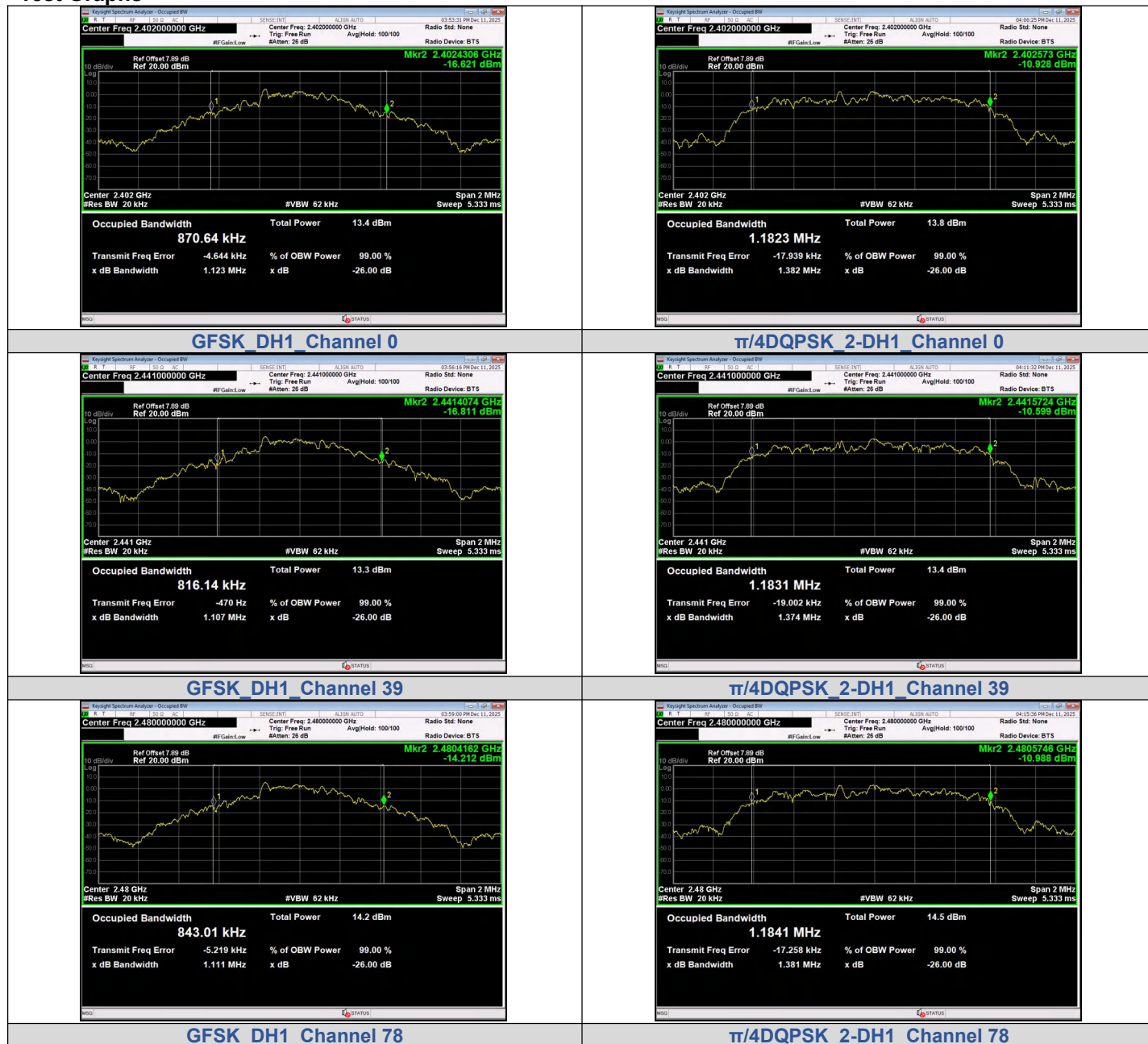
A.2 99% BANDWIDTH

Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.87064
	39	2441	0.81614
	78	2480	0.84301
π /4DQPSK	0	2402	1.1823
	39	2441	1.1831
	78	2480	1.1841
8DPSK	0	2402	1.1660
	39	2441	1.1563
	78	2480	1.1633

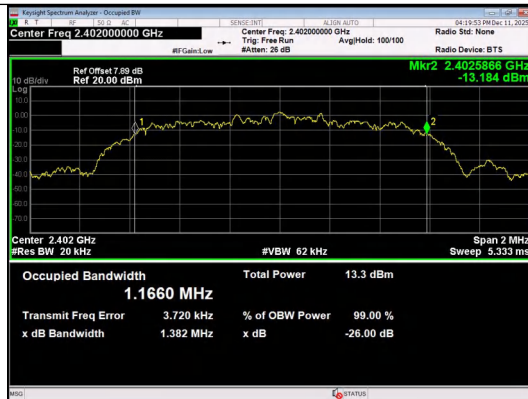
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

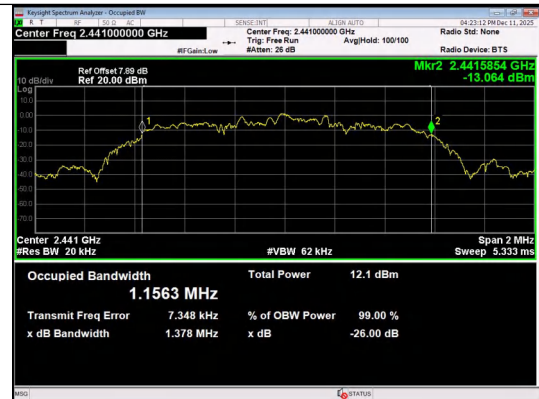




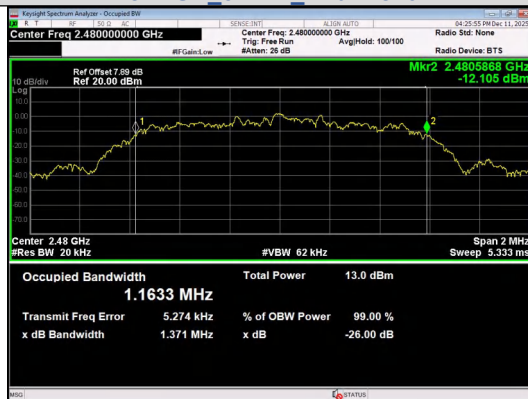
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8DPSK_3-DH1_Channel 0



8DPSK_3-DH1_Channel 39



8DPSK_3-DH1_Channel 78



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A.3 20DB BANDWIDTH

Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9223
	39	2441 MHz	0.9199
	78	2480 MHz	0.9185
π /4DQPSK	0	2402 MHz	1.317
	39	2441 MHz	1.318
	78	2480 MHz	1.298
8DPSK	0	2402 MHz	1.262
	39	2441 MHz	1.268
	78	2480 MHz	1.268

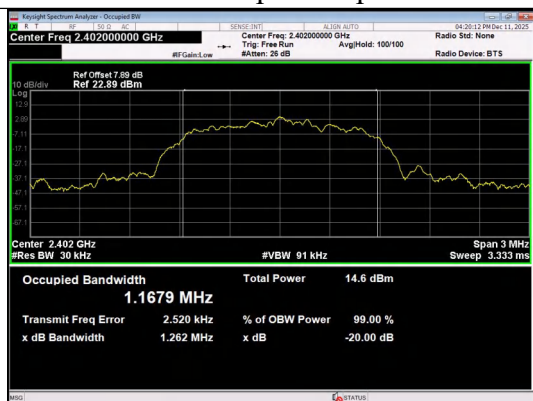
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

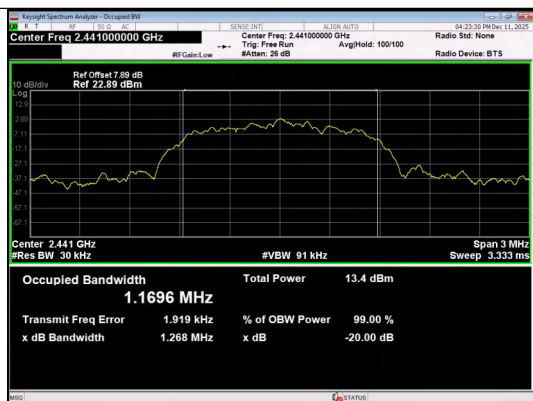




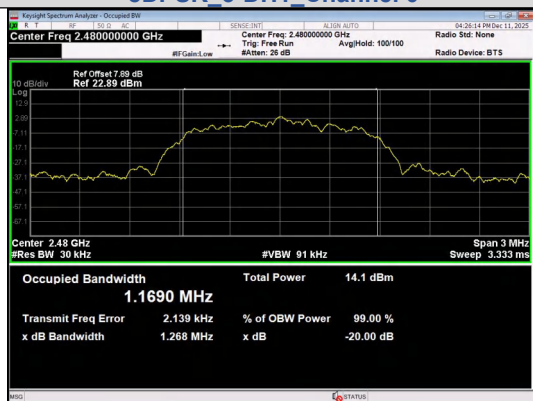
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8DPSK_3-DH1_Channel 0



8DPSK_3-DH1_Channel 39



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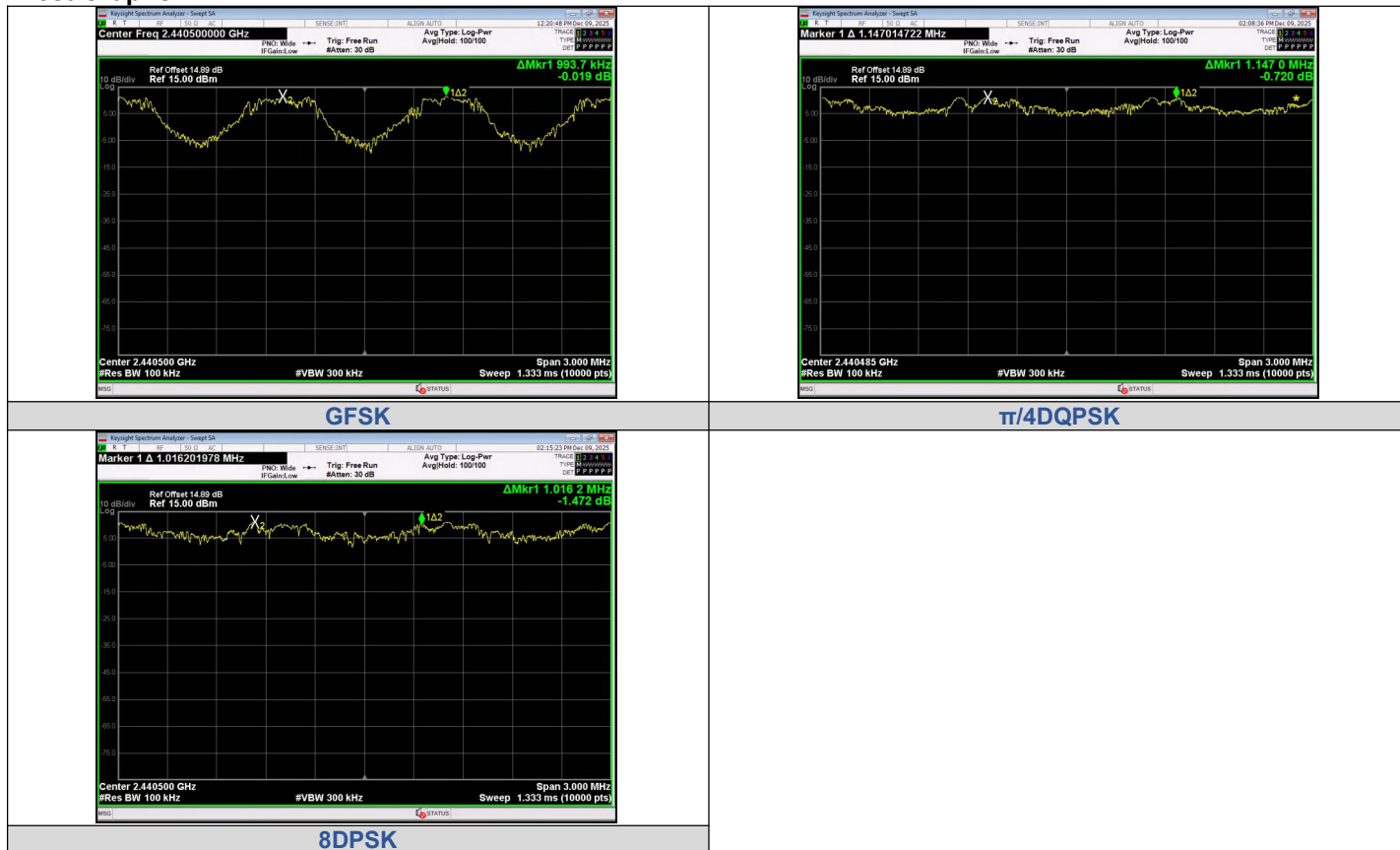
A.4 CARRIER FREQUENCIES SEPARATION

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH1	2440.0012	2440.9949	0.9937	0.924	PASS
$\pi/4$ DQPSK	2-DH1	1.147	2440.006	2438.8590	0.877	PASS
8DPSK	3-DH1	1.0162	2439.832	2438.8158	0.843	PASS

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

Test Graphs





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A.5 CONDUCTED SPURIOUS & BAND EDGE EMISSION

Test Result
Non-Hopping

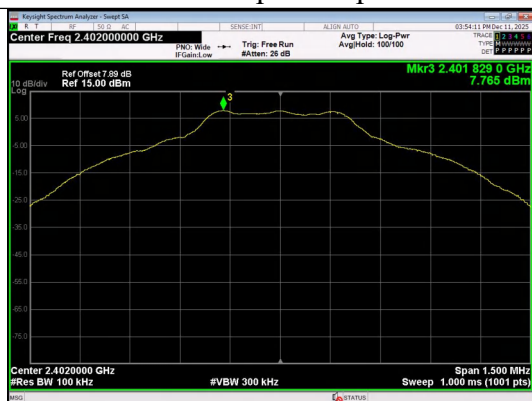
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	0	2393.97	-46.404	-12.23	-34.174	PASS
			2400.00	-49.689	-12.23	-37.459	PASS
			4803.60	-66.087	-12.23	-53.857	PASS
			7206.40	-66.598	-12.23	-54.368	PASS
			9608.50	-66.459	-12.23	-54.229	PASS
			24360.1	-52.725	-12.23	-40.495	PASS
		39	4882.30	-62.766	-12.44	-50.326	PASS
			7323.11	-67.052	-12.44	-54.612	PASS
			9764.55	-68.847	-12.44	-56.407	PASS
			21588.5	-52.635	-12.44	-40.195	PASS
		78	2483.50	-52.788	-11.63	-41.158	PASS
			4960.33	-64.827	-11.63	-53.197	PASS
			7439.85	-67.402	-11.63	-55.772	PASS
			9920.62	-64.508	-11.63	-52.878	PASS
			21126.5	-52.981	-11.63	-41.351	PASS
$\pi/4$ DQPSK	2-DH1	0	2400.00	-41.498	-12.37	-29.128	PASS
			4804.89	-65.540	-12.37	-53.170	PASS
			7205.75	-66.471	-12.37	-54.101	PASS
			9607.24	-66.931	-12.37	-54.561	PASS
			21564.1	-51.883	-12.37	-39.513	PASS
		39	2612.52	-48.106	-12.48	-35.626	PASS
			4881.05	-63.812	-12.48	-51.332	PASS
			7323.74	-66.363	-12.48	-53.883	PASS
			9763.93	-65.879	-12.48	-53.399	PASS
		78	2483.50	-43.199	-11.77	-31.429	PASS
			4959.70	-63.286	-11.77	-51.516	PASS
			7440.47	-67.167	-11.77	-55.397	PASS
			9920.62	-64.911	-11.77	-53.141	PASS
			21556.6	-52.879	-11.77	-41.109	PASS
8DPSK	3-DH1	0	2400.00	-41.613	-12.76	-28.853	PASS
			4804.26	-66.266	-12.76	-53.506	PASS
			7206.38	-65.396	-12.76	-52.636	PASS
			9607.87	-66.058	-12.76	-53.298	PASS
			21136.5	-52.843	-12.76	-40.083	PASS
		39	4882.92	-62.891	-14.06	-48.831	PASS
			7323.74	-66.467	-14.06	-52.407	PASS
			9764.55	-66.741	-14.06	-52.681	PASS
			21140.9	-53.074	-14.06	-39.014	PASS
		78	2483.50	-49.245	-13.33	-35.915	PASS
			4960.33	-65.507	-13.33	-52.177	PASS
			7440.47	-66.460	-13.33	-53.130	PASS
			9920.62	-64.583	-13.33	-51.253	PASS
			21252.0	-52.138	-13.33	-38.808	PASS

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

Test Graphs



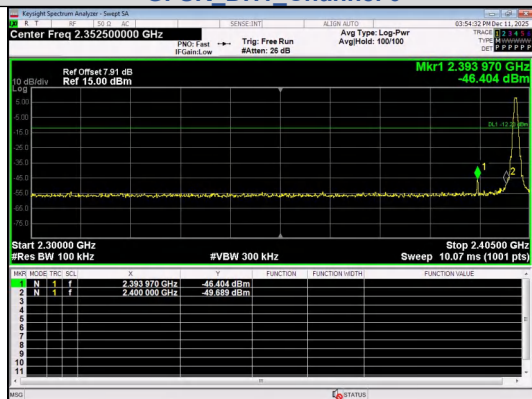
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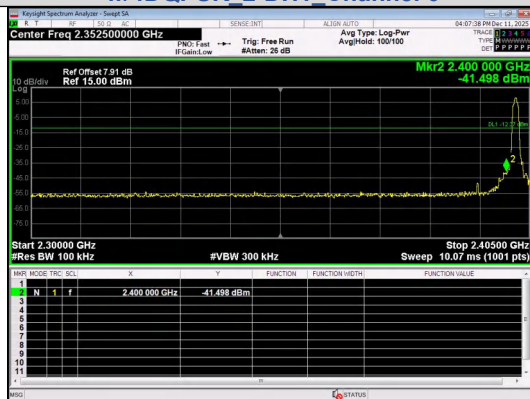
In-Band Reference Level
GFSK_DH1_Channel 0



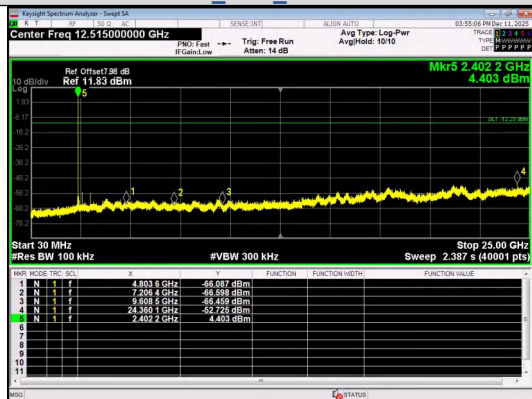
In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 0



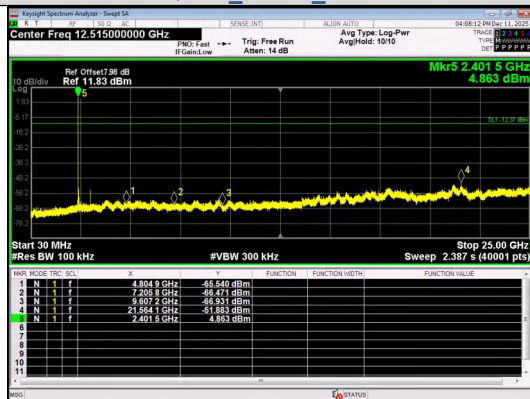
Out Of Band Emission
GFSK_DH1_Channel 0



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 0



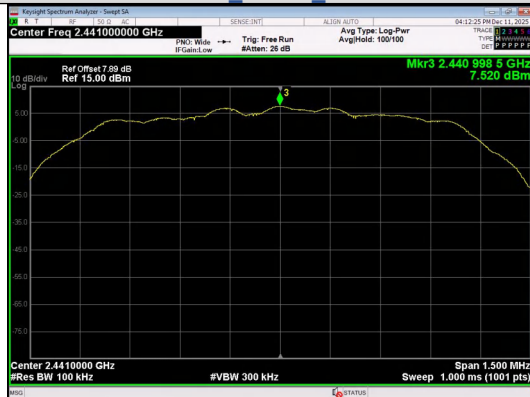
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 0



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



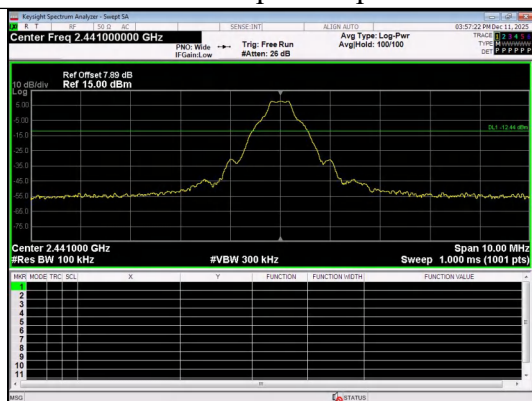
In-Band Reference Level
GFSK_DH1_Channel 39



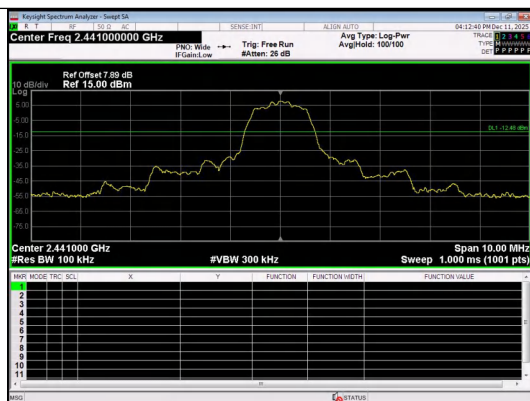
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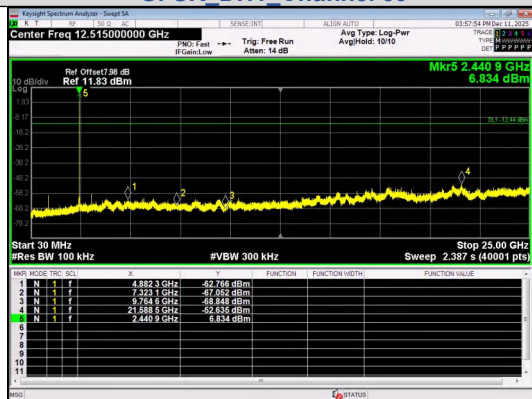
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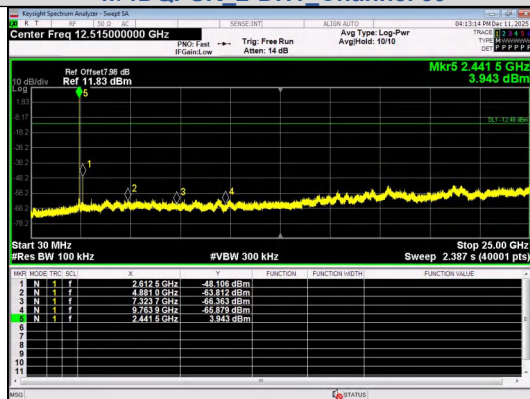
Out Of Band Emission
GFSK_DH1_Channel 39



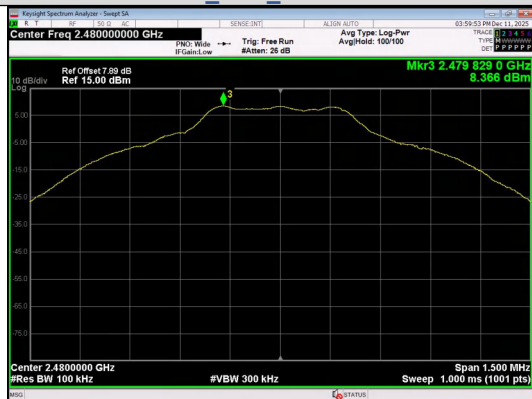
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 39



30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 39



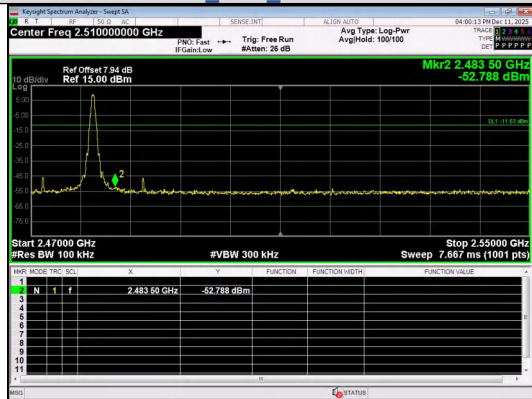
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 39



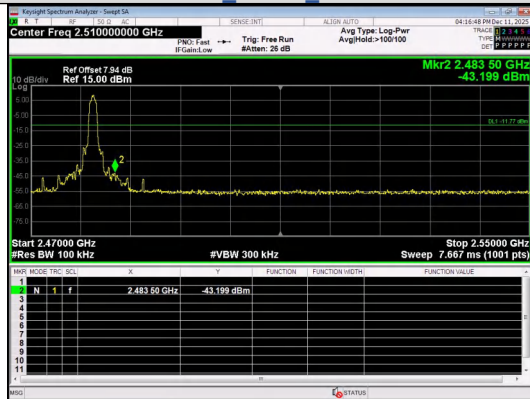
In-Band Reference Level
GFSK_DH1_Channel 78



In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 78



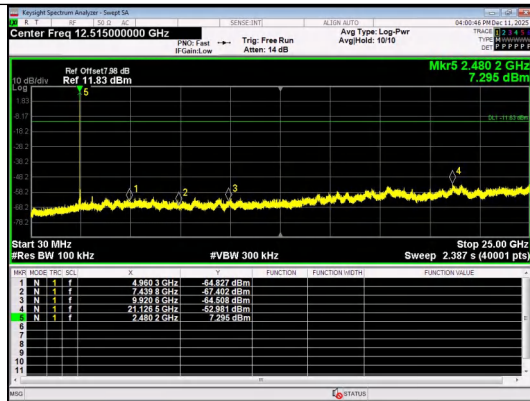
Out Of Band Emission
GFSK_DH1_Channel 78



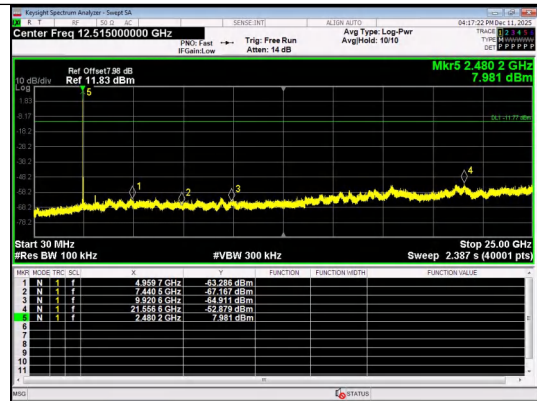
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 78



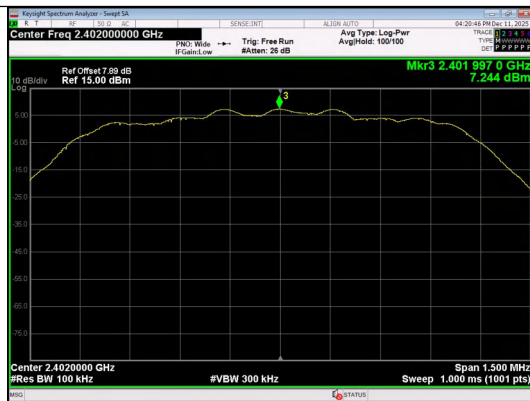
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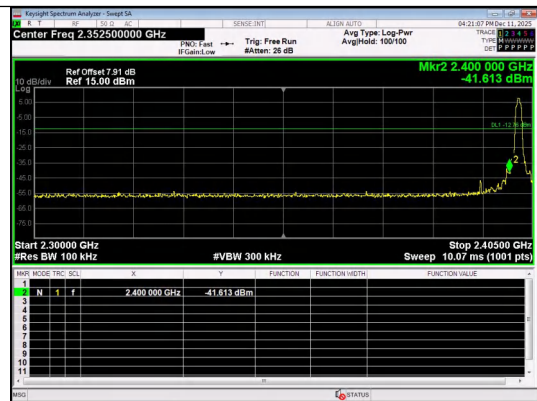
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 78



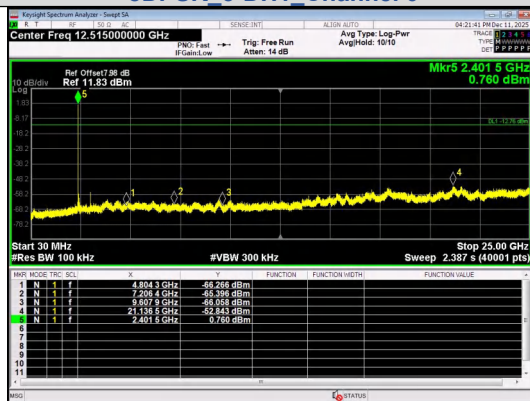
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 78



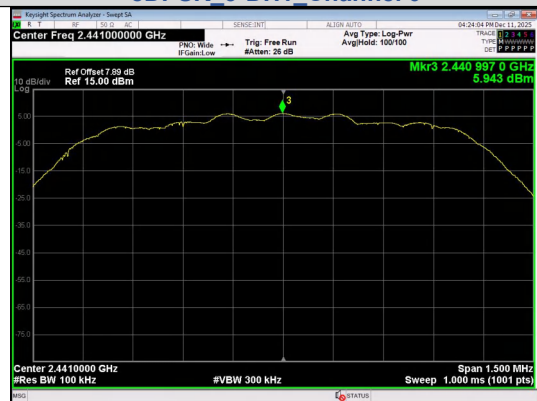
In-Band Reference Level
8DPSK_3-DH1_Channel 0



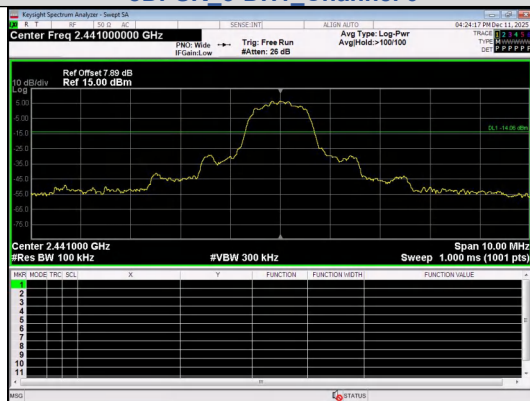
Out Of Band Emission
8DPSK_3-DH1_Channel 0



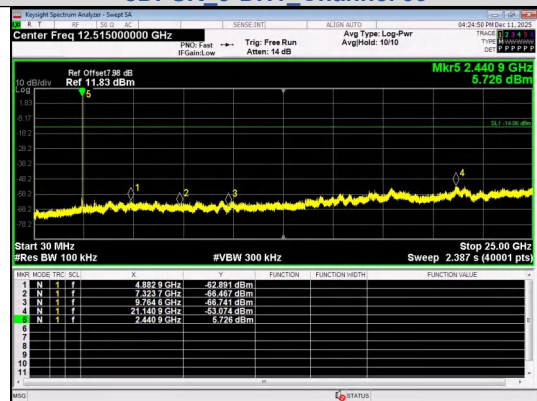
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 0



In-Band Reference Level
8DPSK_3-DH1_Channel 39



Out Of Band Emission
8DPSK_3-DH1_Channel 39



30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 39