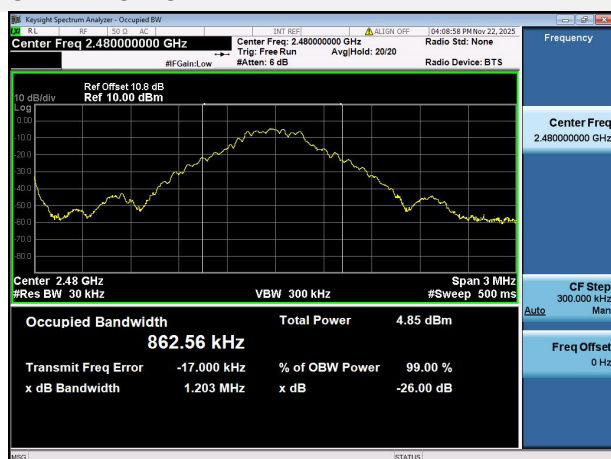
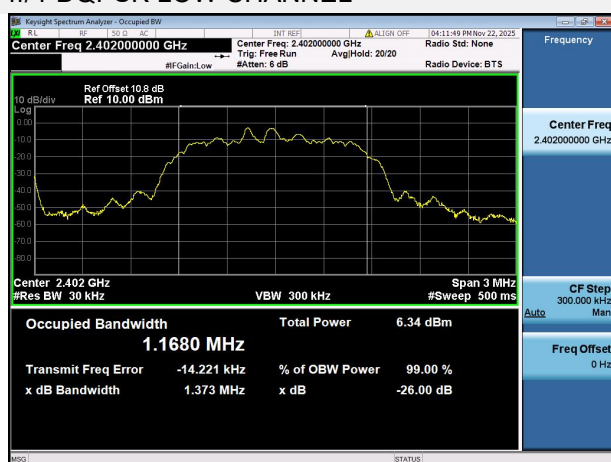
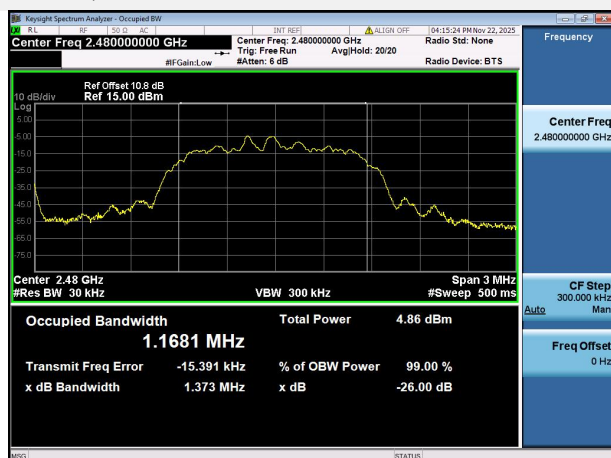


GFSK HIGH CHANNEL **$\pi/4$ -DQPSK LOW CHANNEL** **$\pi/4$ -DQPSK MIDDLE CHANNEL** **$\pi/4$ -DQPSK HIGH CHANNEL**

A.4 Hopping Frequency Separation

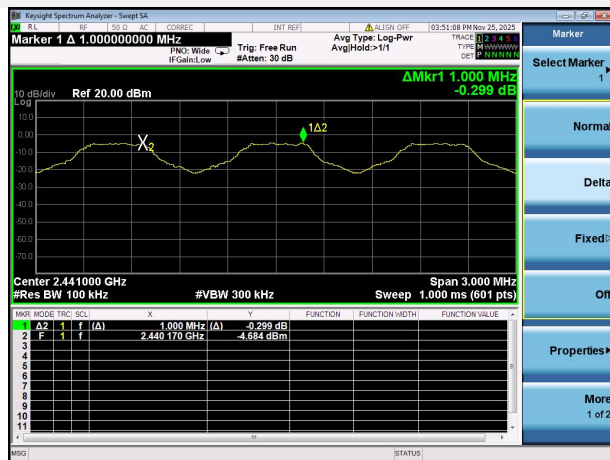
Left Earphone

Test Data

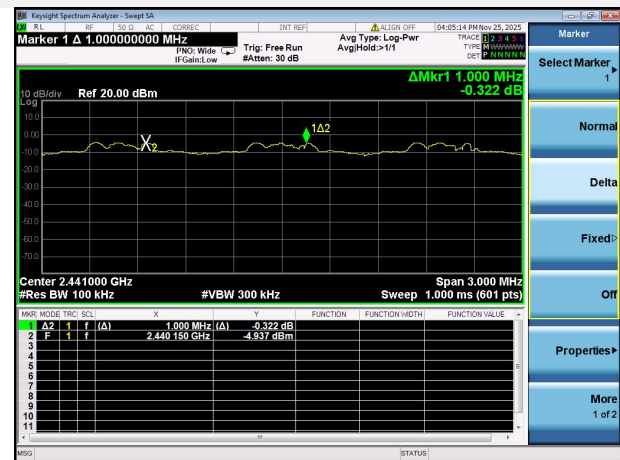
Mode	Frequency separation (MHz)	2/3 of the 20 dB Bandwidth (MHz)	Verdict
GFSK	1.000	0.640	Pass
$\pi/4$ -DQPSK	1.000	0.860	Pass

Test Plots

GFSK



$\pi/4$ -DQPSK



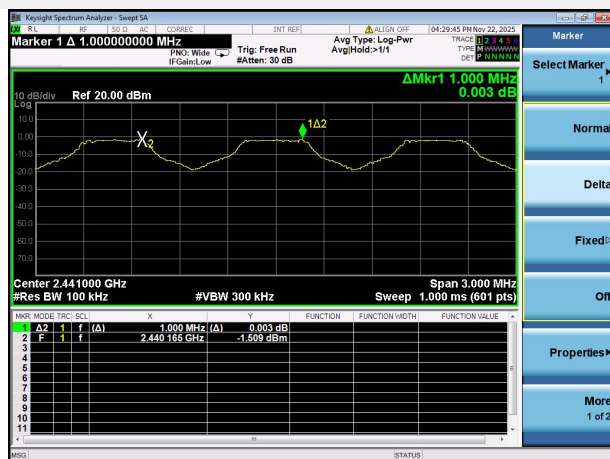
Right Earphone

Test Data

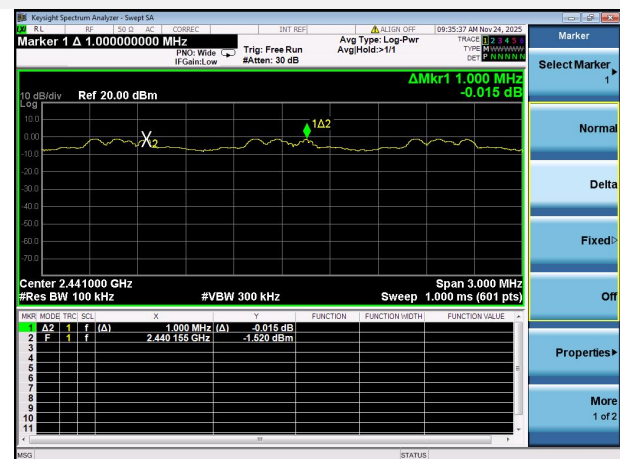
Mode	Frequency separation (MHz)	2/3 of the 20 dB Bandwidth (MHz)	Verdict
GFSK	1.000	0.645	Pass
$\pi/4$ -DQPSK	1.000	0.865	Pass

Test Plots

GFSK



$\pi/4$ -DQPSK



A.5 Average Time of Occupancy

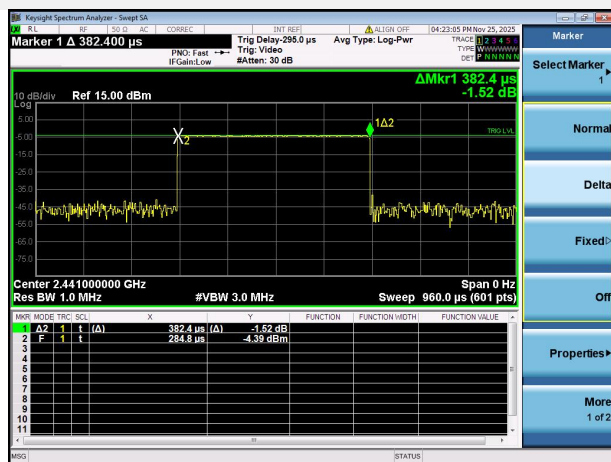
Left Earphone

Test Data

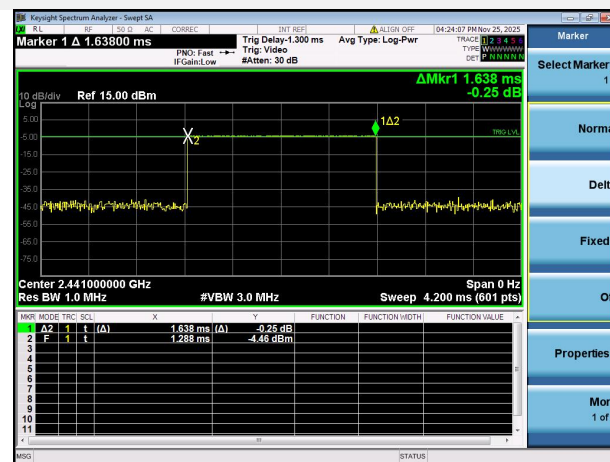
GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38240	122.368	0.4	Pass
DH 3	1.63800	262.080	0.4	Pass
DH 5	2.88000	307.200	0.4	Pass
$\pi/4$ -DQPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
2DH 1	0.39040	124.928	0.4	Pass
2DH 3	1.64500	263.200	0.4	Pass
2DH 5	2.89200	308.480	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38240	61.184	0.4	Pass
DH 3	1.63800	131.040	0.4	Pass
DH 5	2.89200	154.240	0.4	Pass

Test Plots

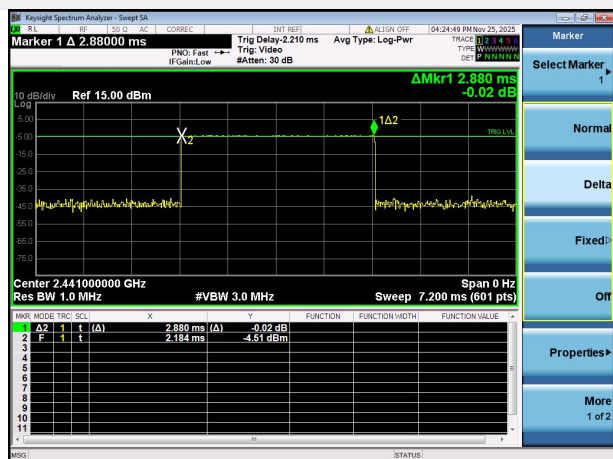
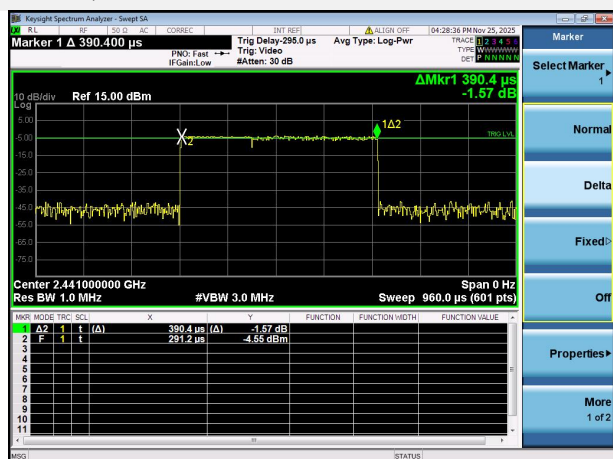
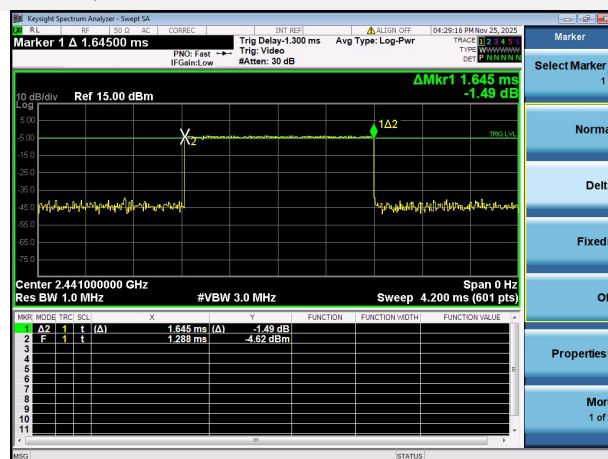
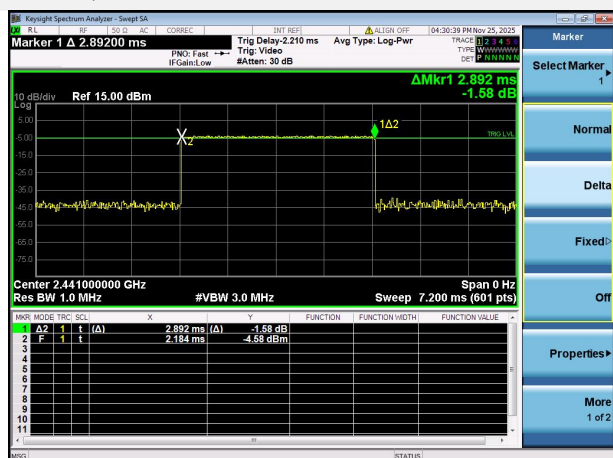
GFSK DH1



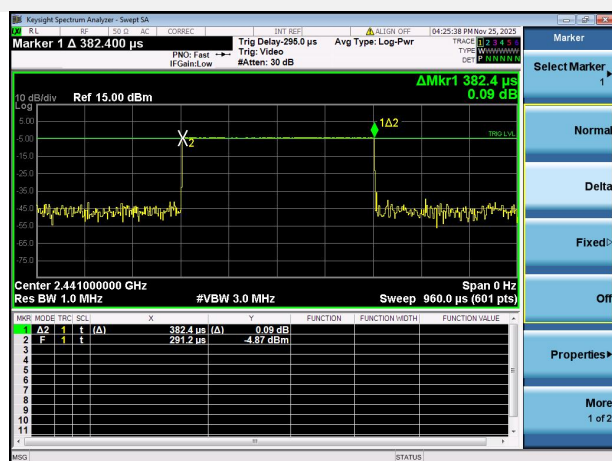
GFSK DH3



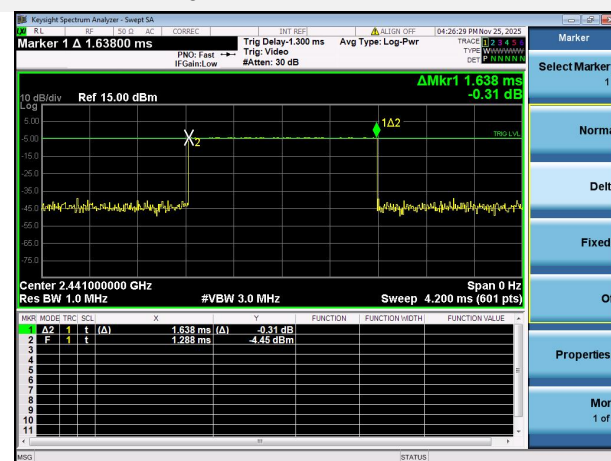
GFSK DH5

 $\pi/4$ -DQPSK 2DH1 $\pi/4$ -DQPSK 2DH3 $\pi/4$ -DQPSK 2DH5

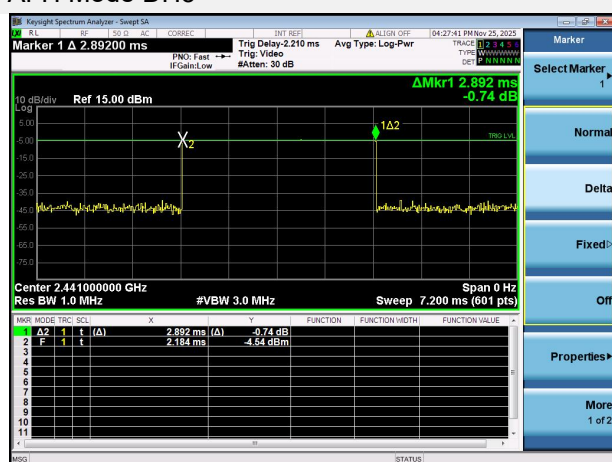
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



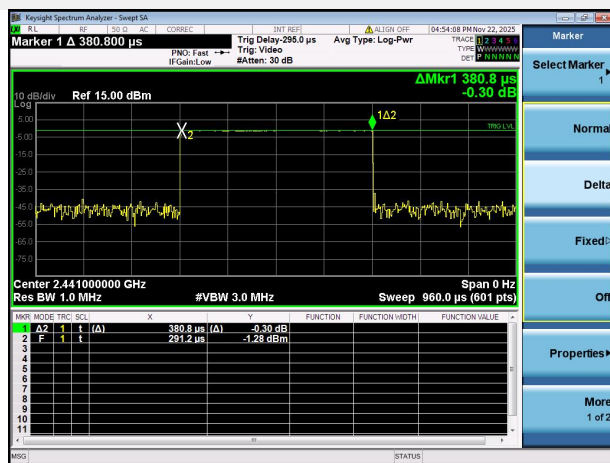
Right Earphone

Test Data

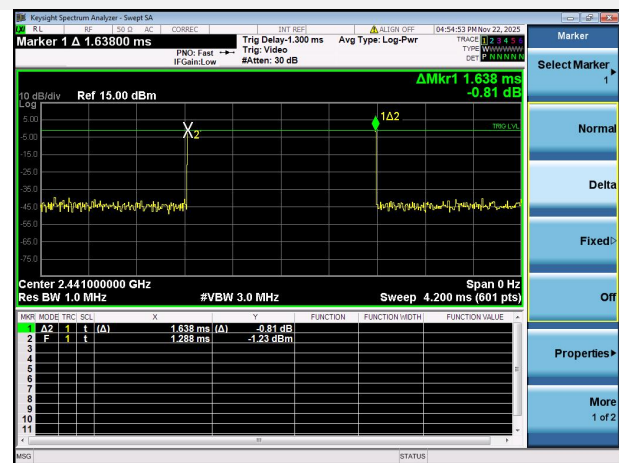
GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38080	121.856	0.4	Pass
DH 3	1.63800	262.080	0.4	Pass
DH 5	2.89200	308.480	0.4	Pass
$\pi/4$ -DQPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
2DH 1	0.39200	125.440	0.4	Pass
2DH 3	1.64500	263.200	0.4	Pass
2DH 5	2.89200	308.480	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37920	60.672	0.4	Pass
DH 3	1.63800	131.040	0.4	Pass
DH 5	2.89200	154.240	0.4	Pass

Test Plots

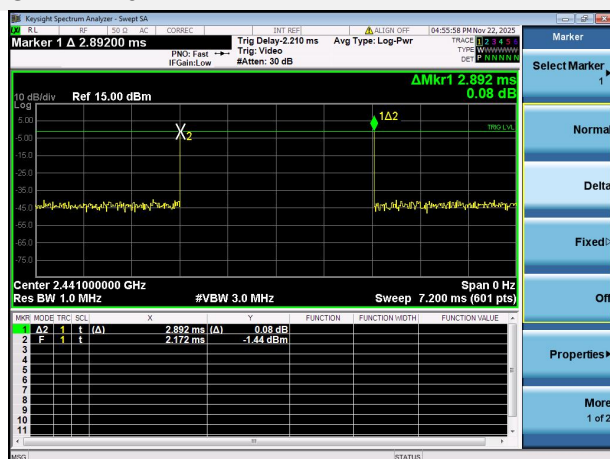
GFSK DH1

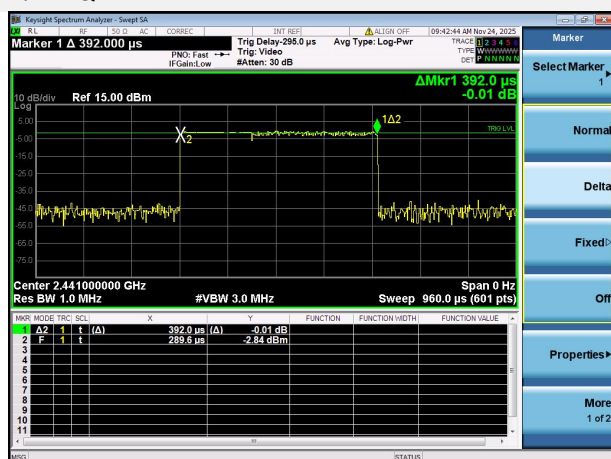
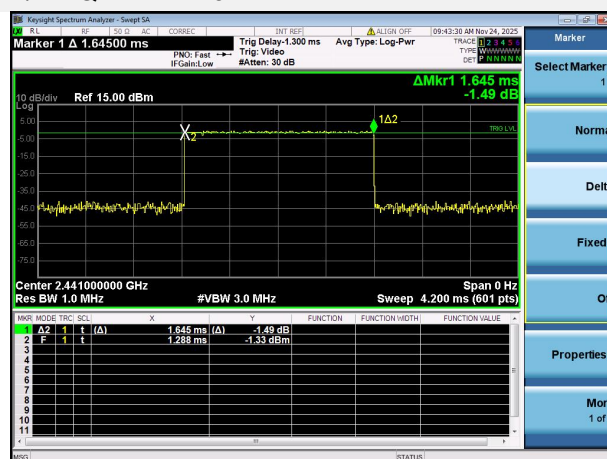
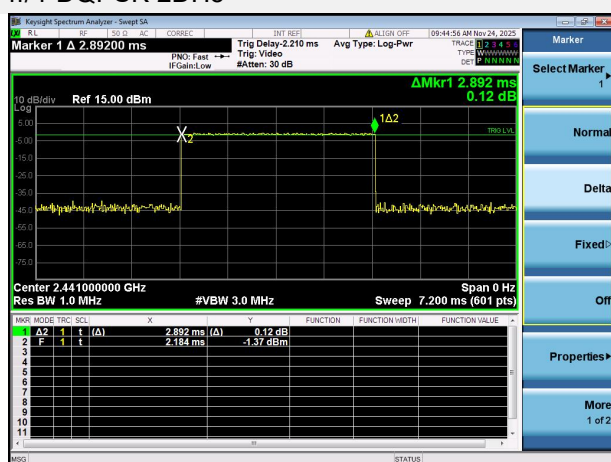


GFSK DH3

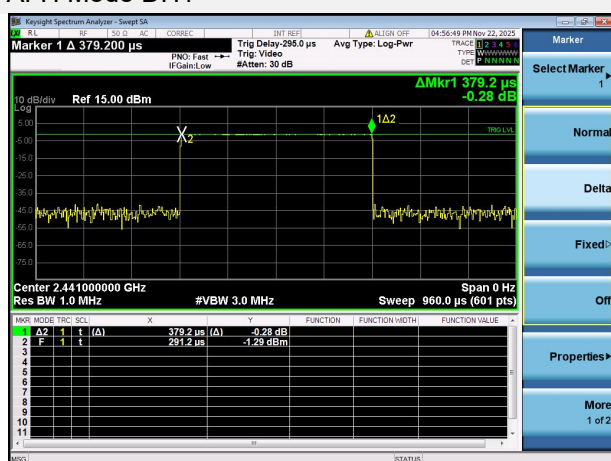


GFSK DH5

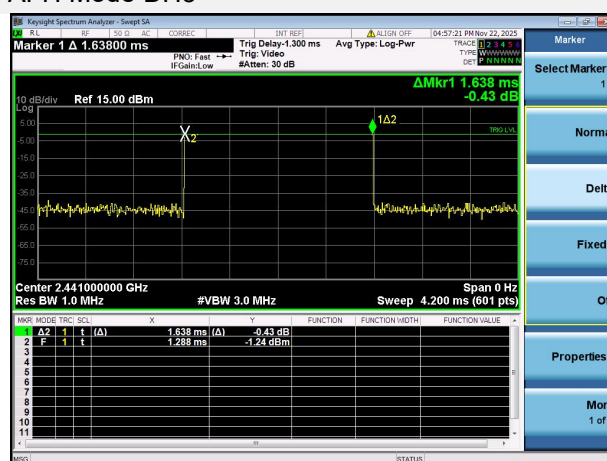


$\pi/4$ -DQPSK 2DH1 $\pi/4$ -DQPSK 2DH3 $\pi/4$ -DQPSK 2DH5

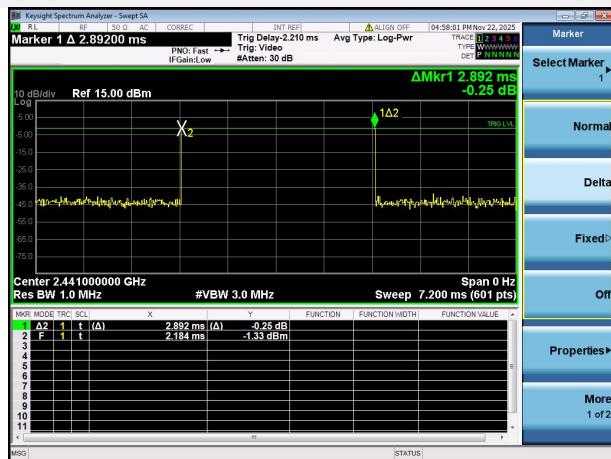
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



A.6 Conducted Spurious Emissions & Authorized-band band-edge

Left Earphone

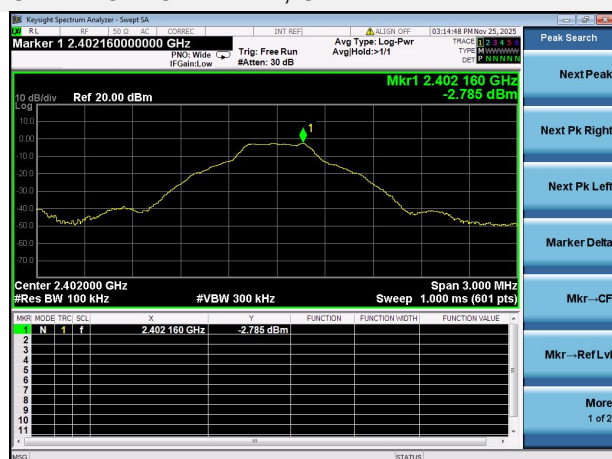
Test Data

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.23	-2.79	-22.79	Pass
Middle	-32.48	-4.70	-24.70	Pass
High	-29.75	-6.38	-26.38	Pass
$\pi/4$ -DQPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.22	-2.62	-22.62	Pass
Middle	-32.75	-4.61	-24.61	Pass
High	-29.86	-6.42	-26.42	Pass

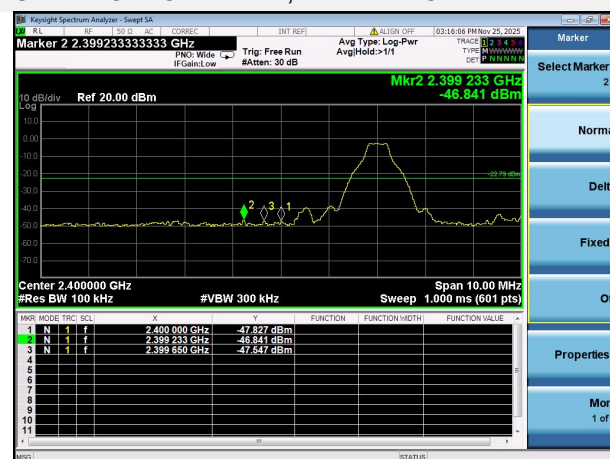
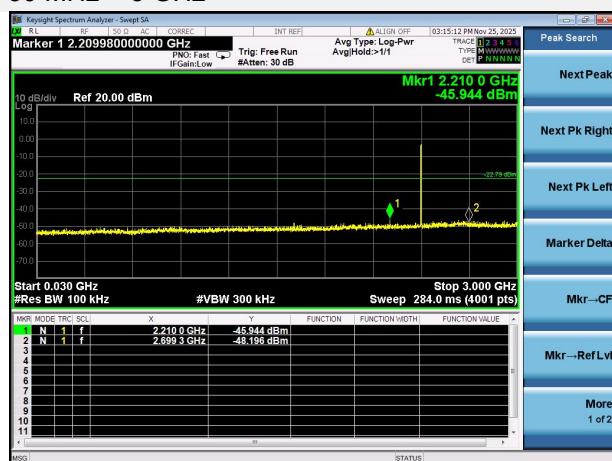
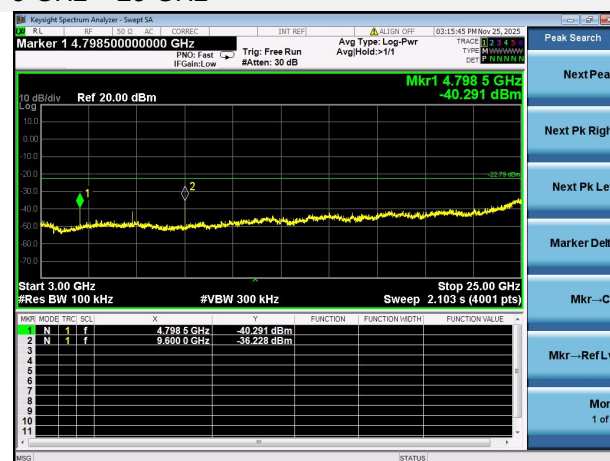
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-29.42	-2.84	-22.84	Pass
$\pi/4$ -DQPSK	-28.65	-2.81	-22.81	Pass

Test Plots

GFSK LOW CHANNEL, CARRIER LEVEL



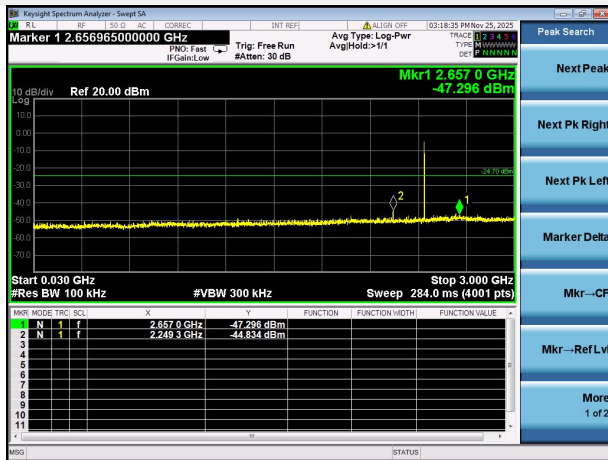
GFSK LOW CHANNEL, BAND EDGE

GFSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHzGFSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

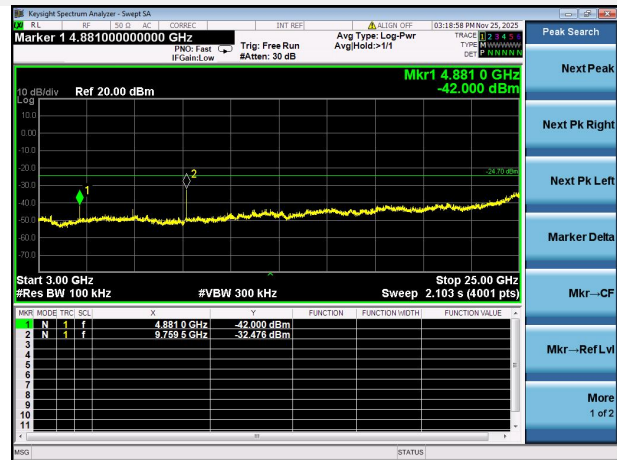
GFSK MIDDLE CHANNEL, CARRIER LEVEL



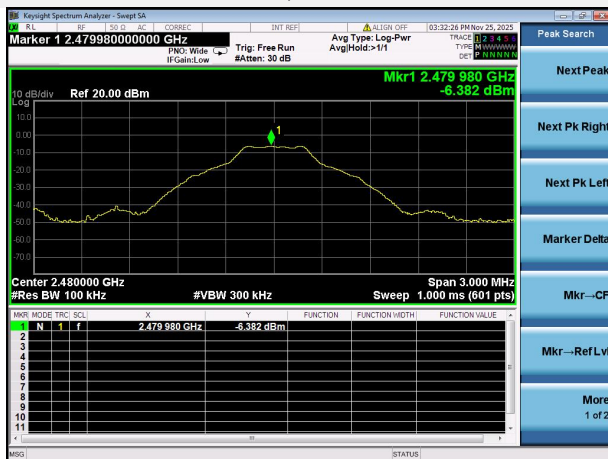
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



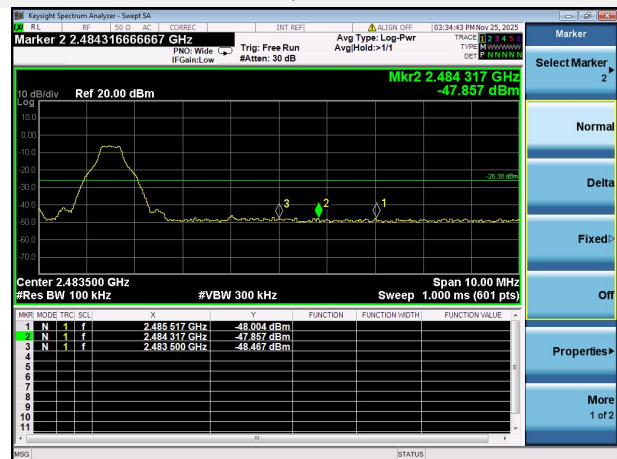
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



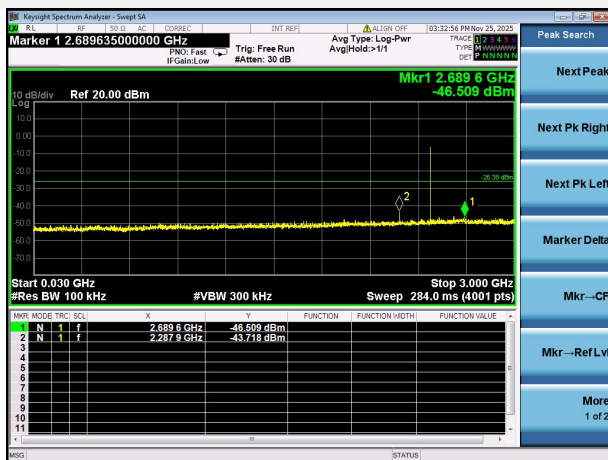
GFSK HIGH CHANNEL, CARRIER LEVEL



GFSK HIGH CHANNEL, BAND EDGE



GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz

