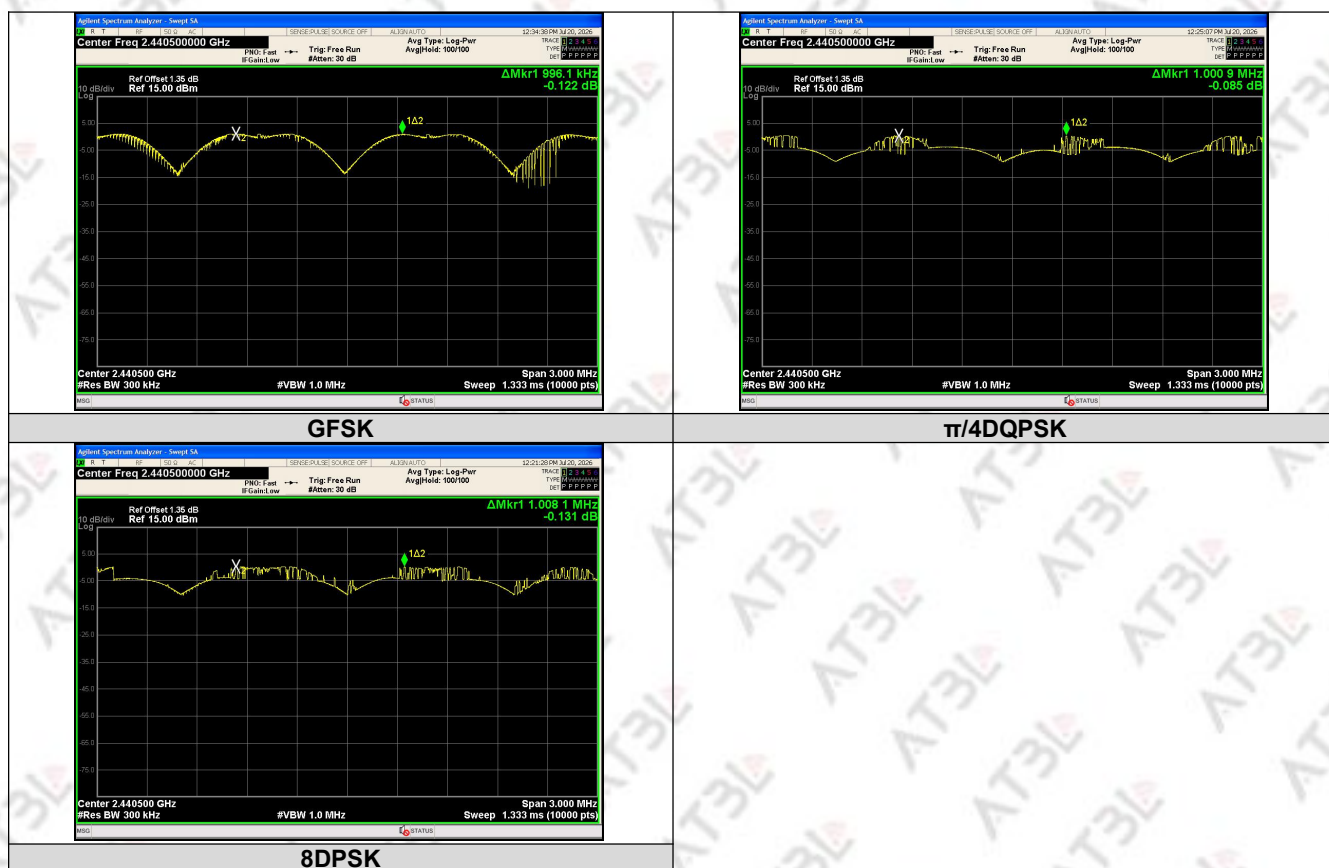


6.Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8332	2440.8293	0.9961	0.67	PASS
$\pi/4$ DQPSK	2-DH5	2439.8221	2440.823	1.0009	0.86	PASS
8DPSK	3-DH5	2439.8341	2440.8422	1.0081	0.80	PASS

Test Graphs



7. Conducted Spurious & Band Edge Emission

Test Result

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-53.936	-11.59	-42.346	PASS
			2522.01	-45.055	-11.59	-33.465	PASS
		39	2613.77	-42.144	-19.37	-22.774	PASS
		78	2390.10	-58.959	-20.31	-38.649	PASS
			2400.00	-60.214	-20.31	-39.904	PASS
			5165.70	-33.416	-20.31	-13.106	PASS
π/4DQPSK	2-DH5	0	2397.70	-59.131	-20.64	-38.491	PASS
			2400.00	-59.719	-20.64	-39.079	PASS
			24141.7	-46.955	-20.64	-26.315	PASS
		39	24153.5	-47.130	-20.02	-27.110	PASS
		78	2397.52	-58.259	-21.15	-37.109	PASS
			2400.00	-60.806	-21.15	-39.656	PASS
2526.40	-44.660		-21.15	-23.510	PASS		
8DPSK	3-DH5	0	2398.54	-59.160	-20.65	-38.510	PASS
			2400.00	-60.295	-20.65	-39.645	PASS
			2533.90	-38.537	-20.65	-17.887	PASS
		39	23990.6	-47.497	-19.89	-27.607	PASS
		78	2395.70	-59.033	-20.83	-38.203	PASS
			2400.00	-62.255	-20.83	-41.425	PASS
24592.4	-47.623		-20.83	-26.793	PASS		

Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.40	-59.422	-20.9	-38.522	PASS
			2400.00	-61.223	-20.9	-40.323	PASS
			24418.8	-46.352	-20.9	-25.452	PASS
π/4DQPSK	2-DH5		2398.44	-59.205	-23.72	-35.485	PASS
			2400.00	-61.054	-23.72	-37.334	PASS
			24417.6	-47.192	-23.72	-23.472	PASS
8DPSK	3-DH5		2398.52	-58.896	-23.91	-34.986	PASS
			2400.00	-61.499	-23.91	-37.589	PASS
			23632.3	-46.721	-23.91	-22.811	PASS

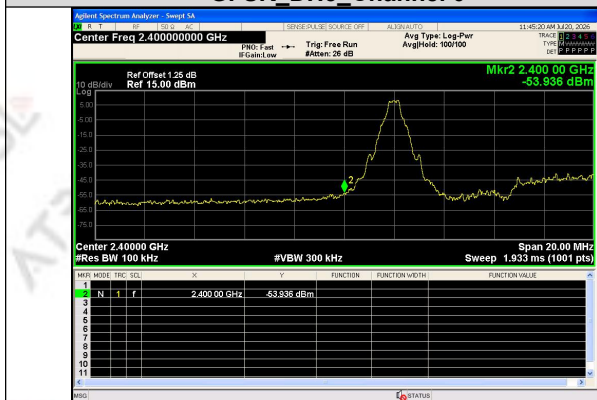
Test Graphs



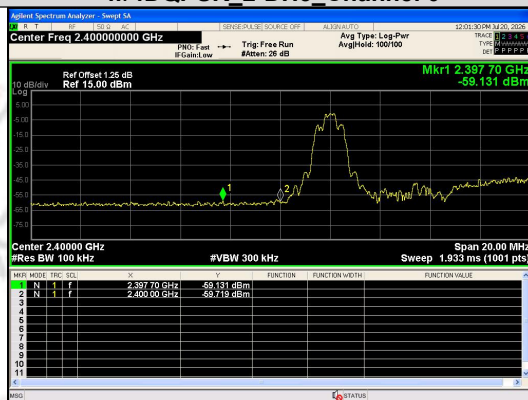
**In-Band Reference Level
GFSK_DH5_Channel 0**



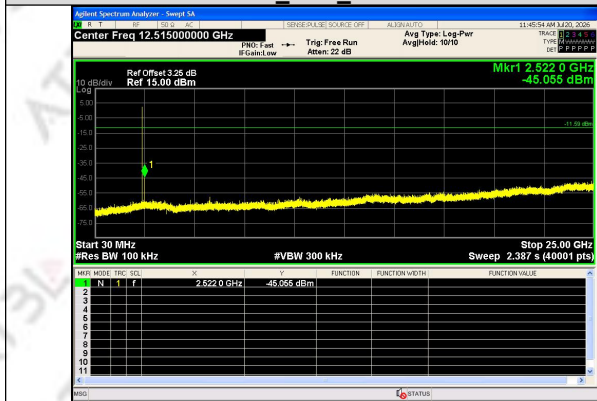
**In-Band Reference Level
 $\pi/4$ DQPSK_2-DH5_Channel 0**



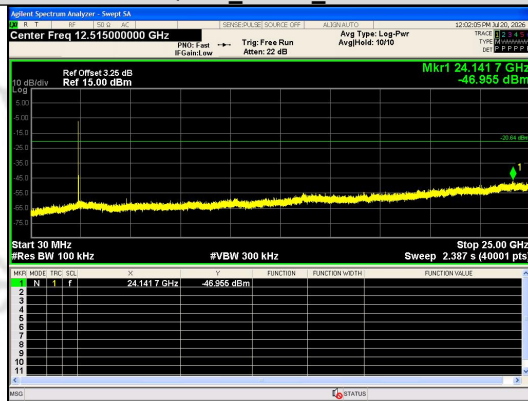
**Out Of Band Emission
GFSK_DH5_Channel 0**



**Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0**



**30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0**



**30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0**

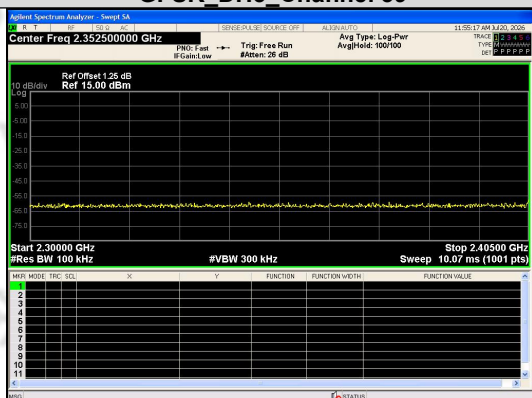


In-Band Reference Level

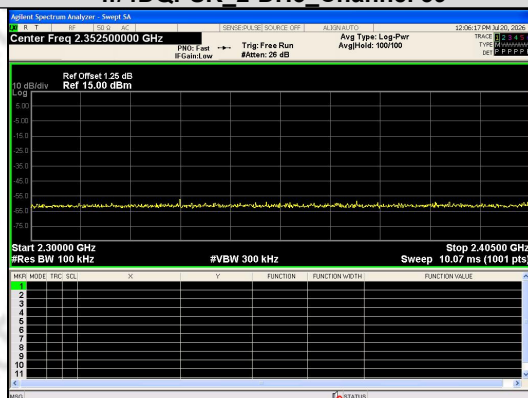


In-Band Reference Level

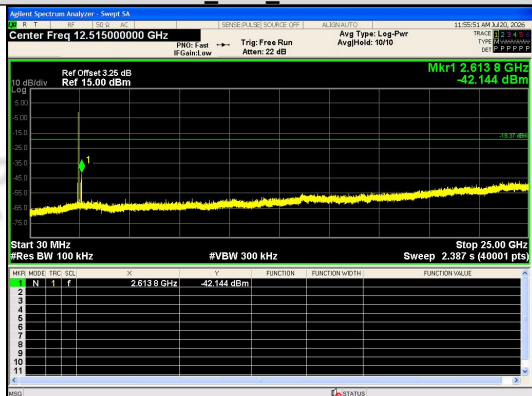
GFSK_DH5_Channel 39



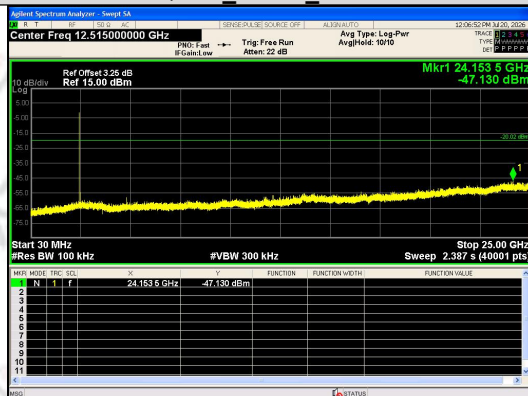
$\pi/4$ DQPSK_2-DH5_Channel 39



Out Of Band Emission GFSK_DH5_Channel 39



Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 39



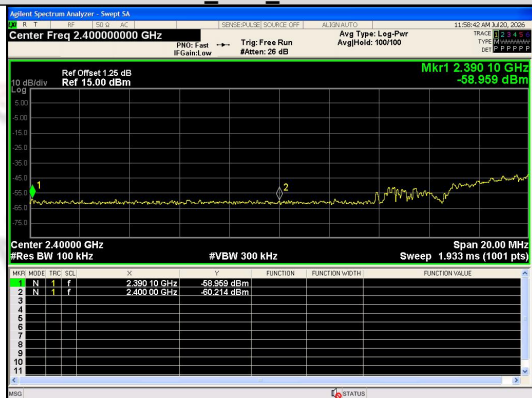
30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 39



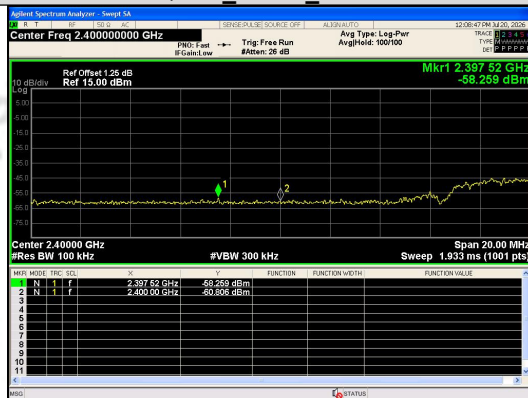
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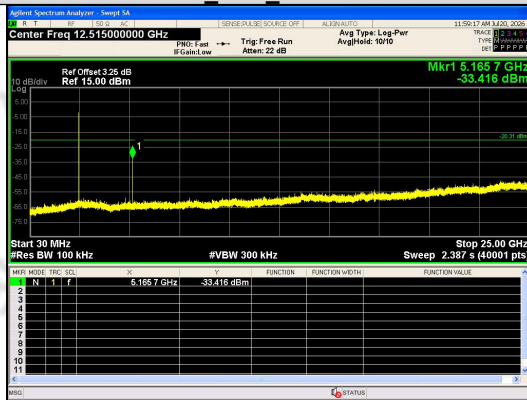
In-Band Reference Level GFSK_DH5_Channel 78



In-Band Reference Level $\pi/4$ DQPSK_2-DH5_Channel 78

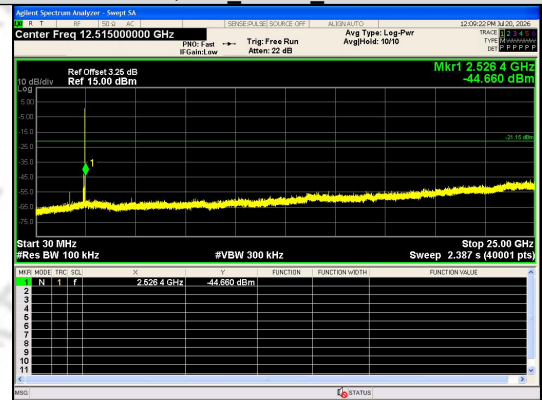


Out Of Band Emission GFSK_DH5_Channel 78



30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78

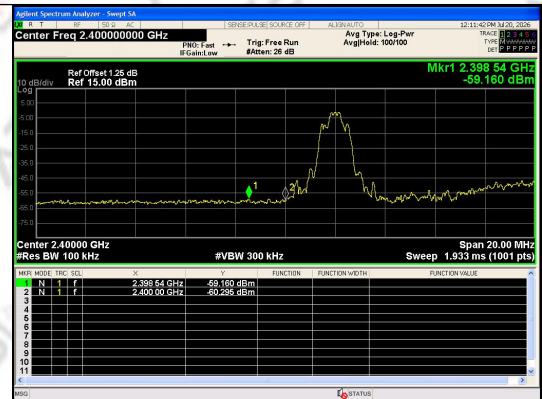
Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 78



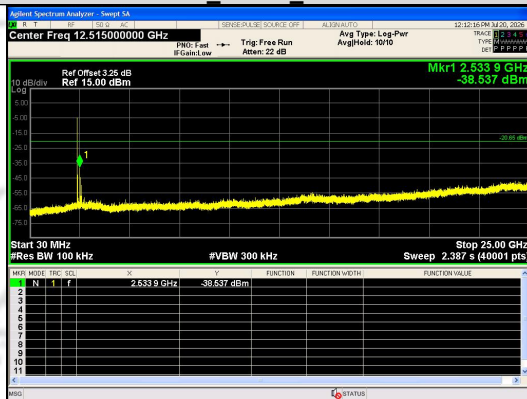
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 $\pi/4$ DQPSK_2-DH5_Channel 78



In-Band Reference Level
8DPSK_3-DH5_Channel 0



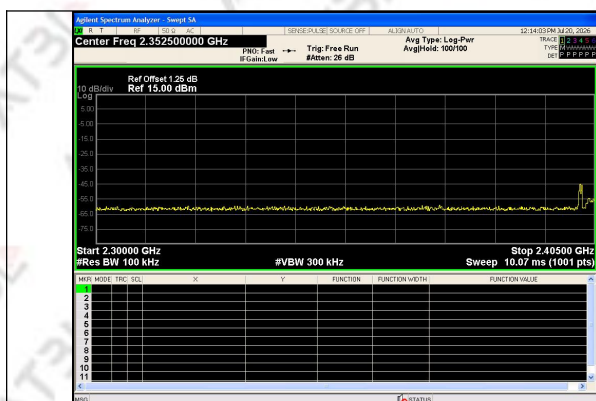
Out Of Band Emission
8DPSK_3-DH5_Channel 0



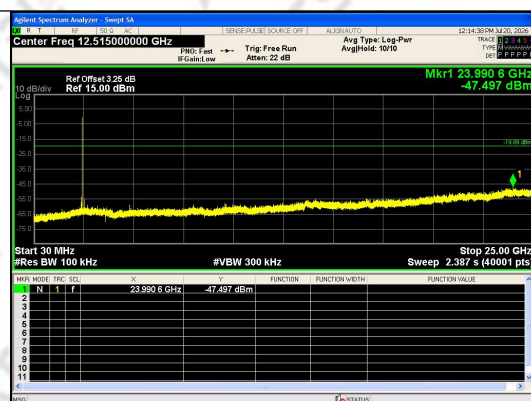
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



In-Band Reference Level
8DPSK_3-DH5_Channel 39



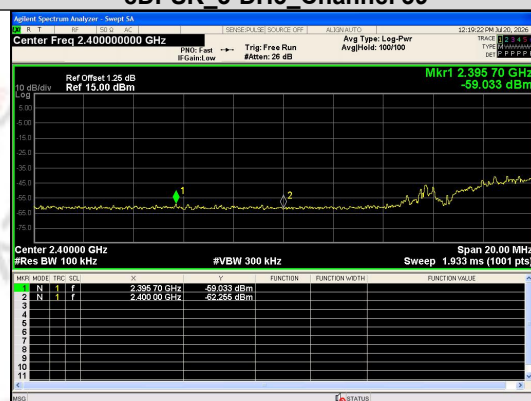
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



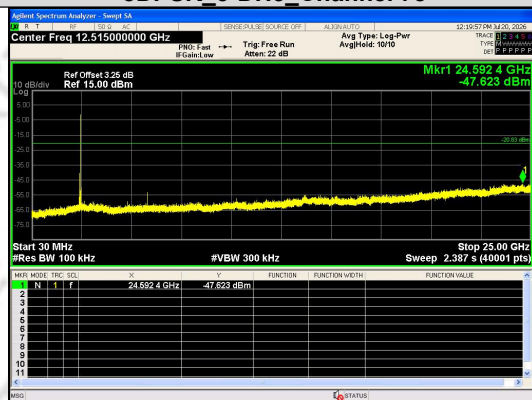
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



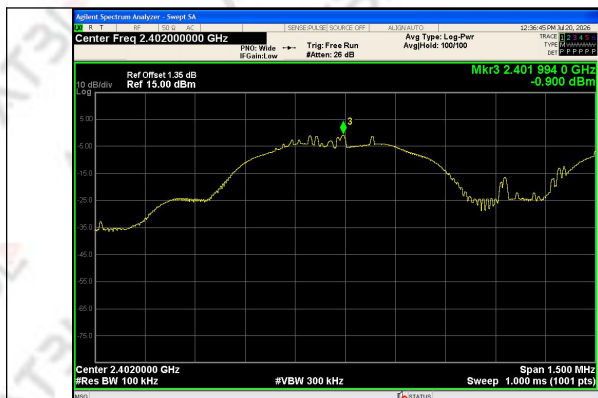
**In-Band Reference Level
8DPSK_3-DH5_Channel 78**



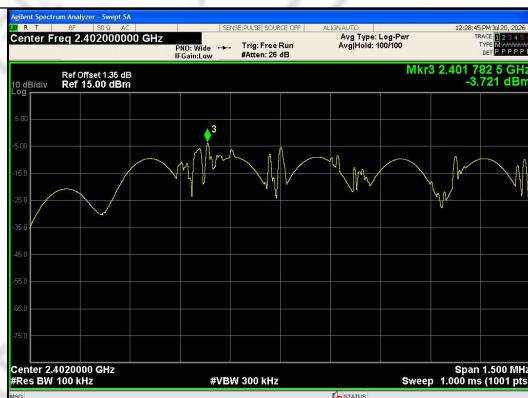
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



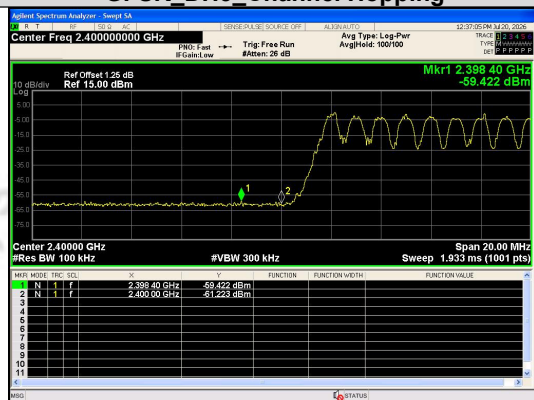
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78**



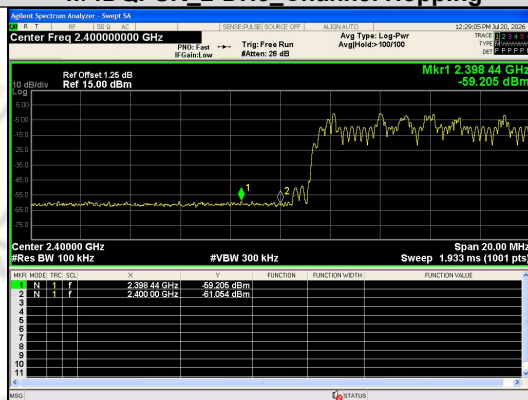
**In-Band Reference Level
GFSK_DH5_Channel Hopping**



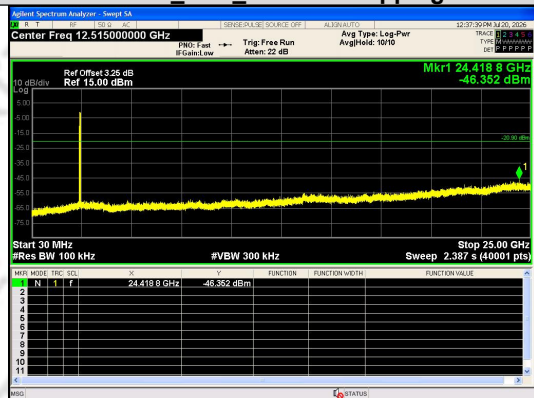
**In-Band Reference Level
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



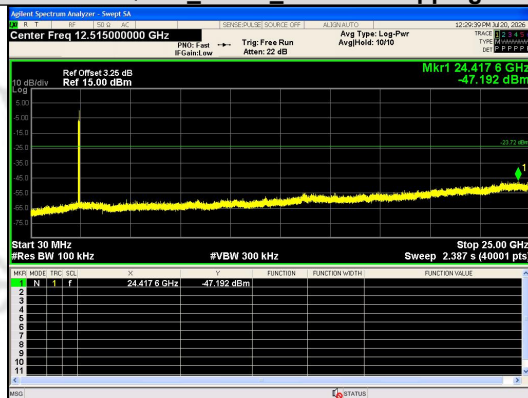
**Out Of Band Emission
GFSK_DH5_Channel Hopping**



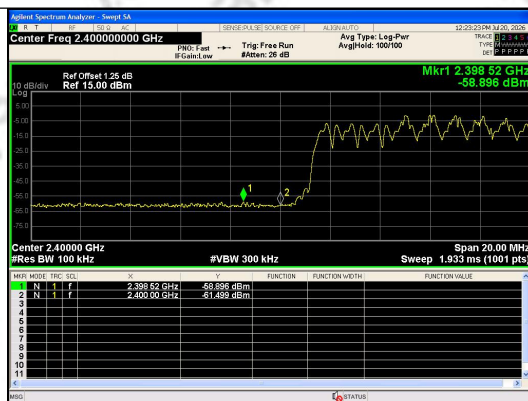
**Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**

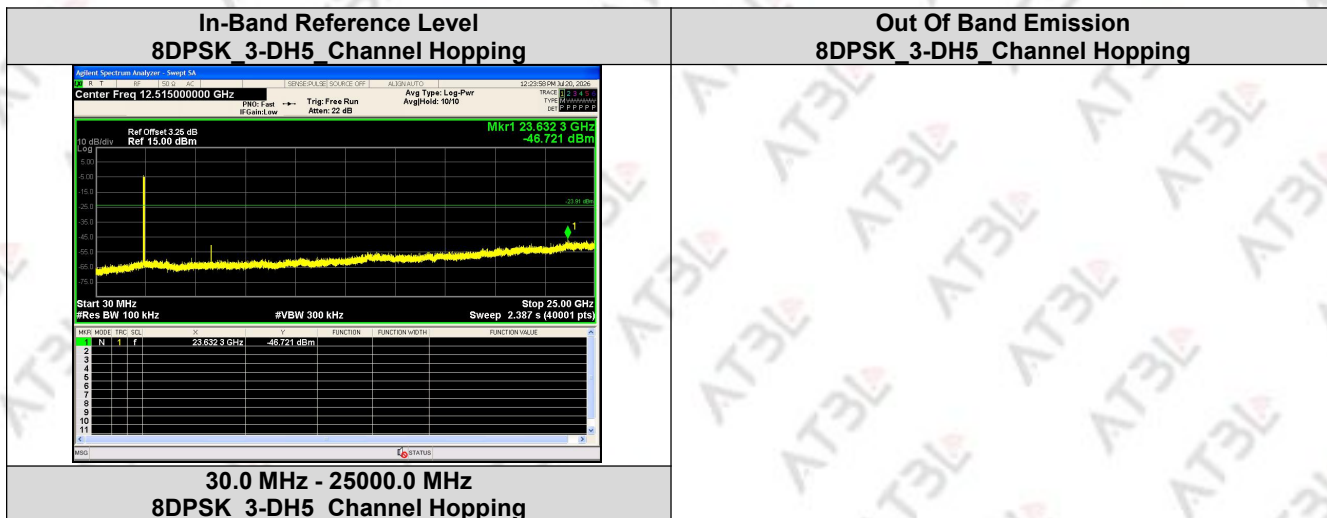


**30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel Hopping**



**30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**





*****END*****