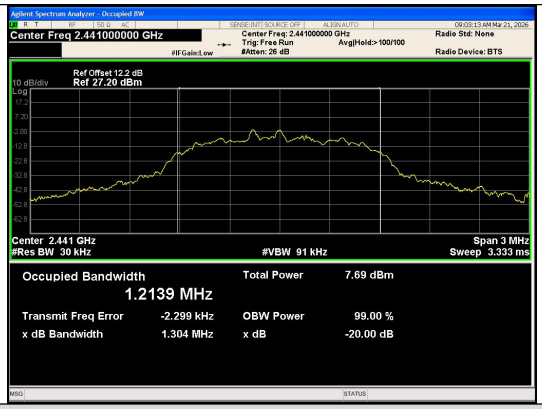
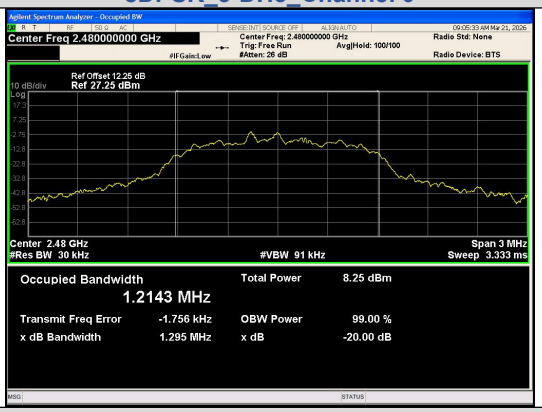
8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



8DPSK_3-DH5_Channel 78

APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Minimum Limit (MHz)	Result
GFSK	DH5	2440.1725	2441.0033	0.8308	0.697	PASS
π/4DQPSK	2-DH5	2440.0243	2441.015	0.9907	0.89	PASS
8DPSK	3-DH5	2440.0411	2440.9946	0.9535	0.87	PASS

Test Graphs

GFSK

π/4DQPSK

8DPSK

APPENDIX V. Conducted Spurious & Band Edge Emission

Test Result

Non-Hopping

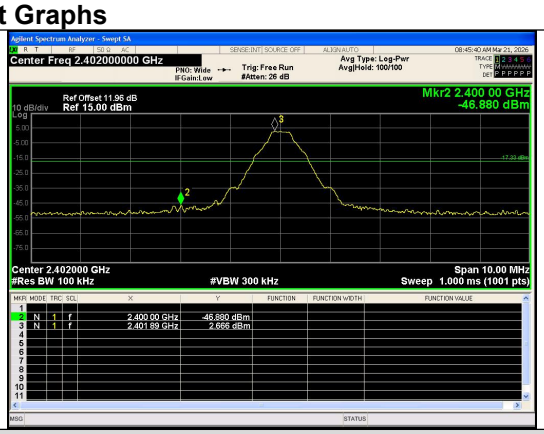
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-46.880	-17.33	-29.550	PASS
			4803.64	-53.274	-17.33	-35.944	PASS
			7205.75	-48.672	-17.33	-31.342	PASS
			9607.87	-45.311	-17.33	-27.981	PASS
		39	4882.30	-50.957	-18.11	-32.847	PASS
			7323.11	-49.115	-18.11	-31.005	PASS
			9763.93	-43.208	-18.11	-25.098	PASS
		78	2483.50	-51.130	-17.95	-33.180	PASS
			4960.33	-48.274	-17.95	-30.324	PASS
			7439.85	-49.920	-17.95	-31.970	PASS
			9919.99	-45.143	-17.95	-27.193	PASS
π/4DQPSK	2-DH5	0	2400.00	-49.372	-18.48	-30.892	PASS
			4804.26	-55.377	-18.48	-36.897	PASS
			7206.38	-51.718	-18.48	-33.238	PASS
			9607.87	-44.686	-18.48	-26.206	PASS
		39	4881.67	-55.919	-20.14	-35.779	PASS
			7323.11	-52.446	-20.14	-32.306	PASS
			9763.93	-44.438	-20.14	-24.298	PASS
		78	2483.50	-51.129	-18.27	-32.859	PASS
			4959.70	-52.313	-18.27	-34.043	PASS
			7439.85	-53.806	-18.27	-35.536	PASS
			9919.99	-44.000	-18.27	-25.730	PASS
8DPSK	3-DH5	0	2398.56	-49.308	-18.1	-31.208	PASS
			2400.00	-50.060	-18.1	-31.960	PASS
			4804.30	-56.975	-18.1	-38.875	PASS
			7206.40	-58.221	-18.1	-40.121	PASS
			9607.90	-44.383	-18.1	-26.283	PASS
		39	4882.30	-55.197	-19.1	-36.097	PASS
			7323.11	-53.621	-19.1	-34.521	PASS
			9763.93	-43.800	-19.1	-24.700	PASS
		78	2483.50	-49.903	-18.57	-31.333	PASS
			4960.33	-50.441	-18.57	-31.871	PASS
			7439.85	-53.948	-18.57	-35.378	PASS
			9919.99	-43.609	-18.57	-25.039	PASS
Note: input compensation coeffcient (dB)= Cable Loss (dB)							

Hopping

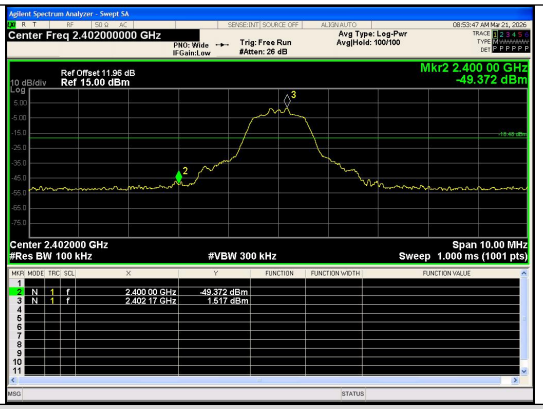
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.88	-49.441	-18.23	-31.211	PASS
			2400.00	-51.683	-18.23	-33.453	PASS
			2483.50	-51.014	-18.81	-32.204	PASS
			2398.00	-48.966	-18.11	-30.856	PASS
			2400.00	-50.455	-18.11	-32.345	PASS
			2483.50	-49.223	-18.53	-30.693	PASS
			2400.00	-47.653	-18.0	-29.653	PASS
			2483.50	-50.630	-18.64	-31.990	PASS
π/4DQPSK	2-DH5		2400.00	-47.476	-18.15	-29.326	PASS
			2483.50	-49.136	-19.75	-29.386	PASS
			2398.33	-49.309	-18.28	-31.029	PASS
			2400.00	-50.817	-18.28	-32.537	PASS
			2483.50	-50.614	-18.55	-32.064	PASS
			2397.75	-48.013	-18.13	-29.883	PASS
			2400.00	-50.750	-18.13	-32.620	PASS
			2483.50	-50.521	-19.9	-30.621	PASS
8DPSK	3-DH5		2396.83	-49.487	-18.53	-30.957	PASS
			2400.00	-51.198	-18.53	-32.668	PASS
			2483.50	-50.529	-18.63	-31.899	PASS

			2398.74	-48.912	-18.04	-30.872	PASS
			2400.00	-50.646	-18.04	-32.606	PASS
			2483.50	-50.450	-18.7	-31.750	PASS
			2398.91	-48.117	-18.05	-30.067	PASS
			2400.00	-50.118	-18.05	-32.068	PASS
			2483.50	-50.241	-19.64	-30.601	PASS
Note: input compensation coeffcient (dB)= Cable Loss (dB)							

Test Graphs



Out Of Band Emission
GFSK_DH5_Channel 0



Out Of Band Emission
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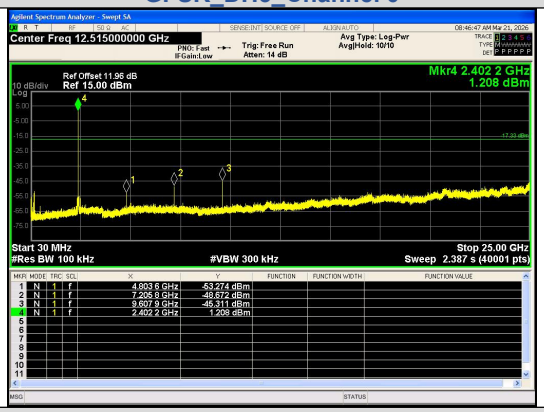
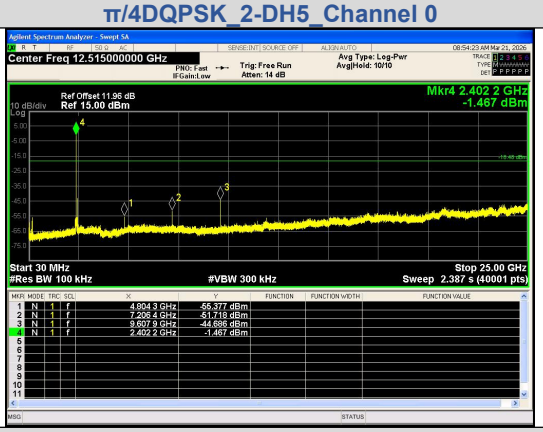
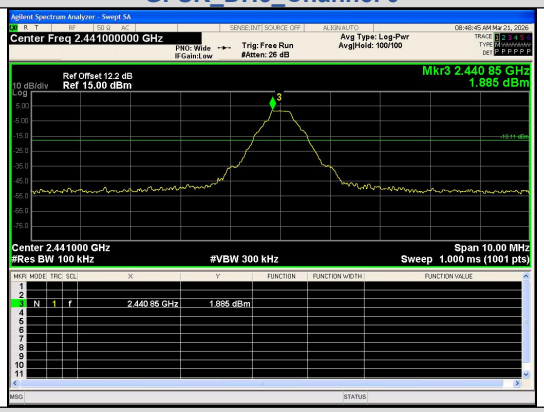


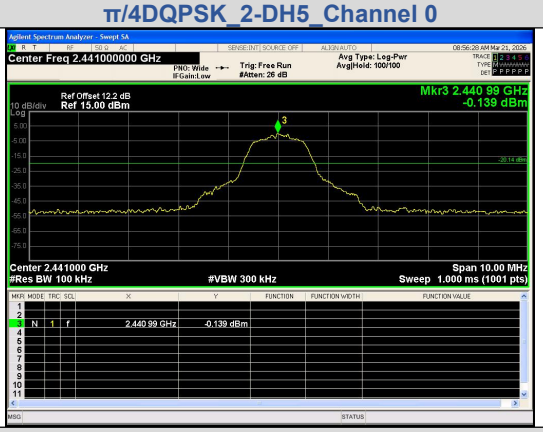
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



30.0 MHz - 25000.0 MHz
π/4DQPSK_2-DH5_Channel 0



Out Of Band Emission
GFSK_DH5_Channel 39



Out Of Band Emission
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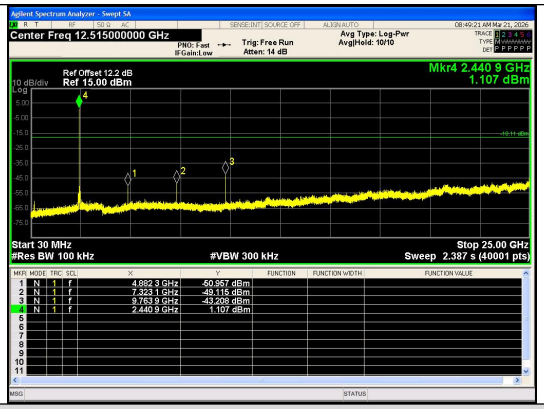
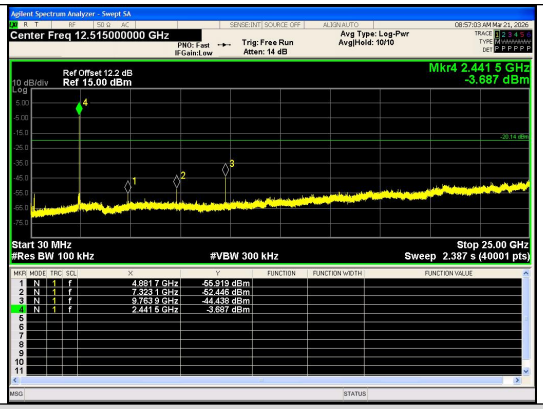


30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



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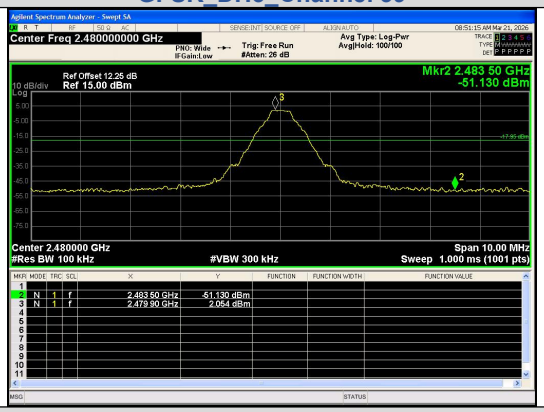
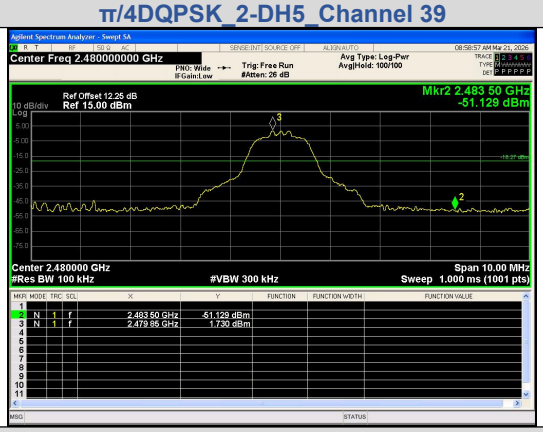
π/4DQPSK_2-DH5_Channel 39



Out Of Band Emission
GFSK_DH5_Channel 78



Out Of Band Emission
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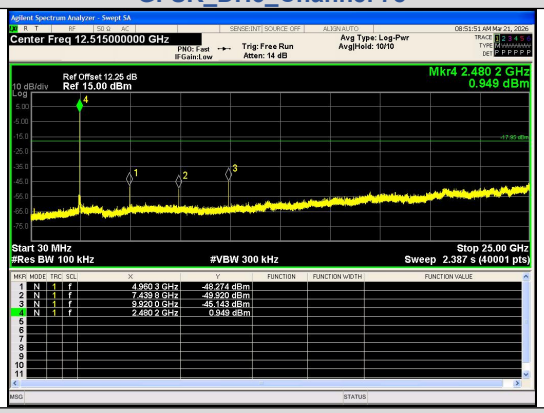
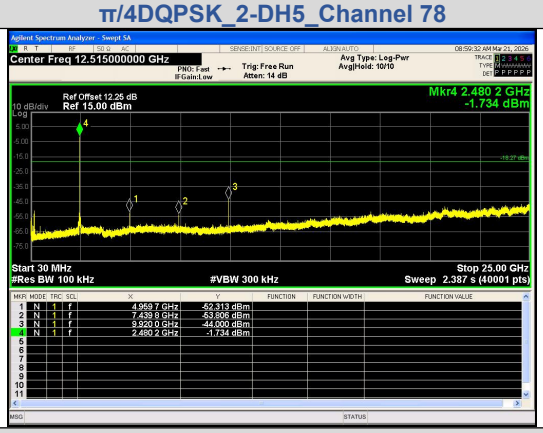
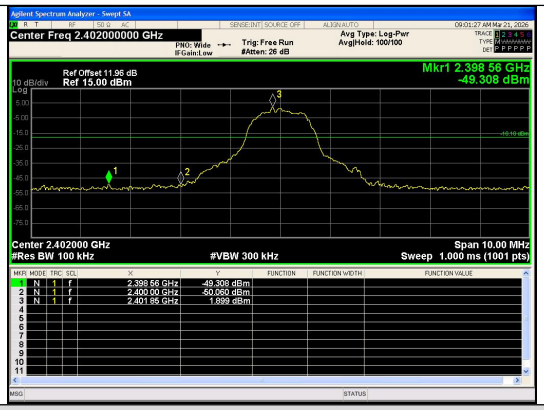


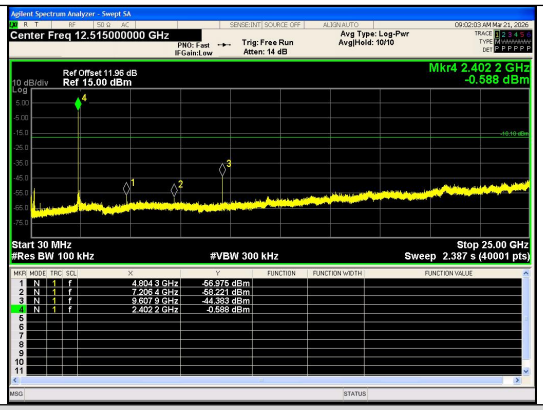
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



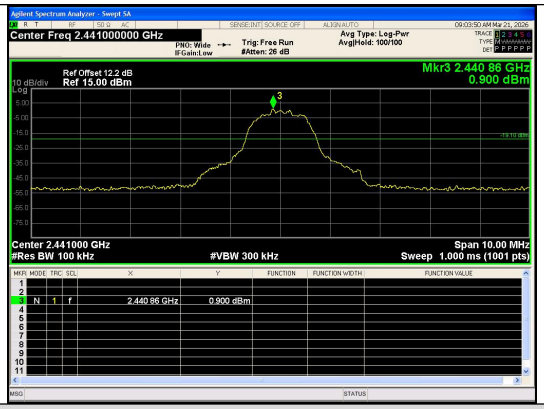
30.0 MHz - 25000.0 MHz
π/4DQPSK_2-DH5_Channel 78



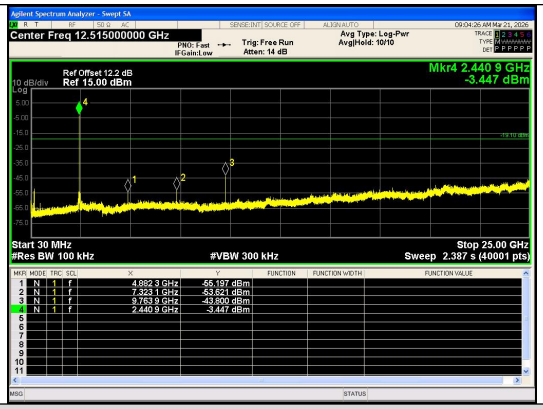
Out Of Band Emission
8DPSK_3-DH5_Channel 0



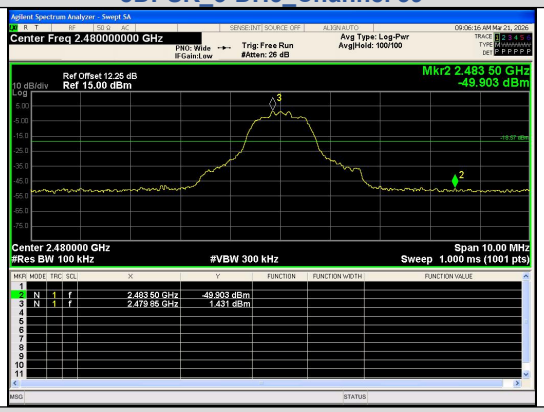
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



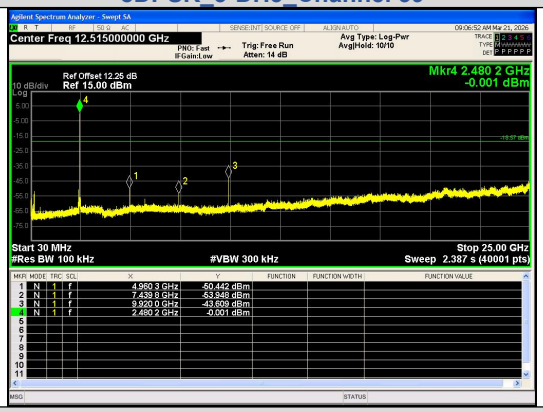
Out Of Band Emission
8DPSK_3-DH5_Channel 39



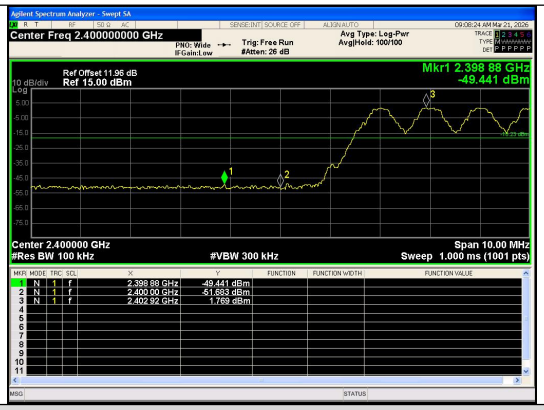
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



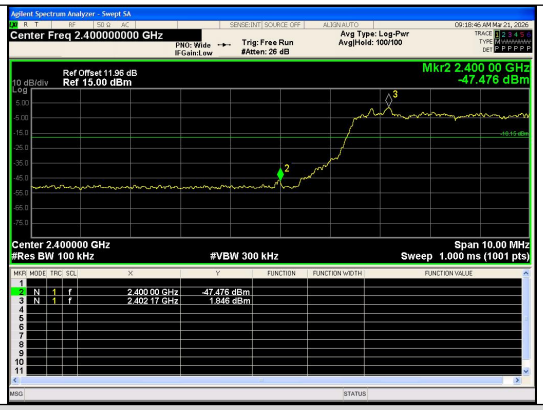
Out Of Band Emission
8DPSK_3-DH5_Channel 78



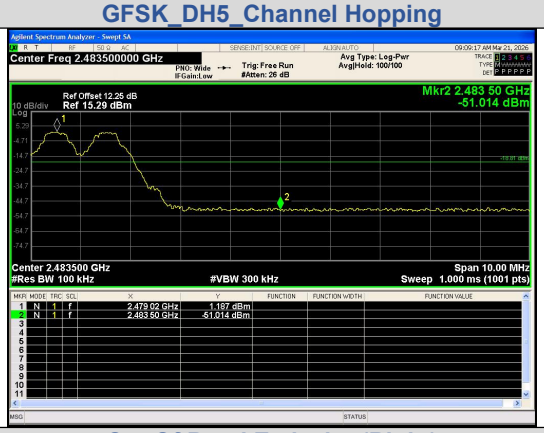
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



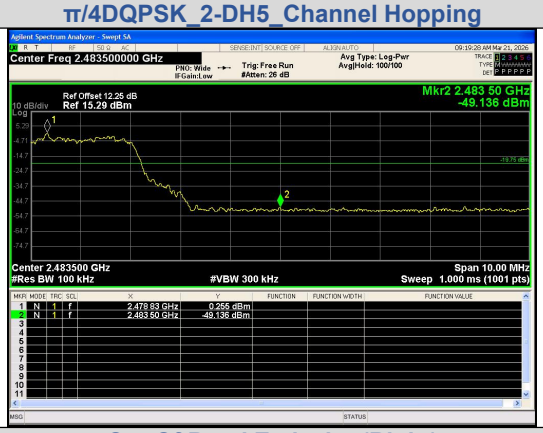
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Left)
π/4DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Right)
π/4DQPSK_2-DH5_Channel Hopping