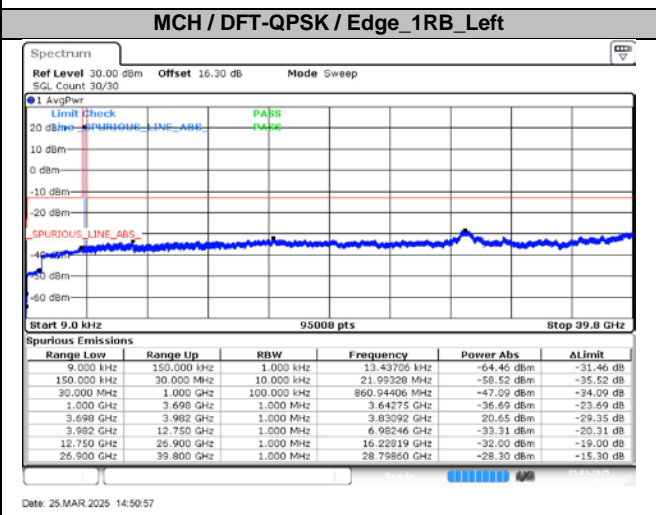
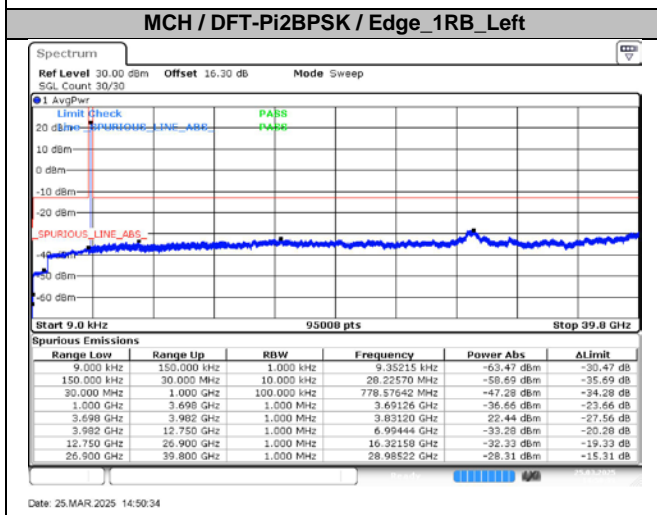
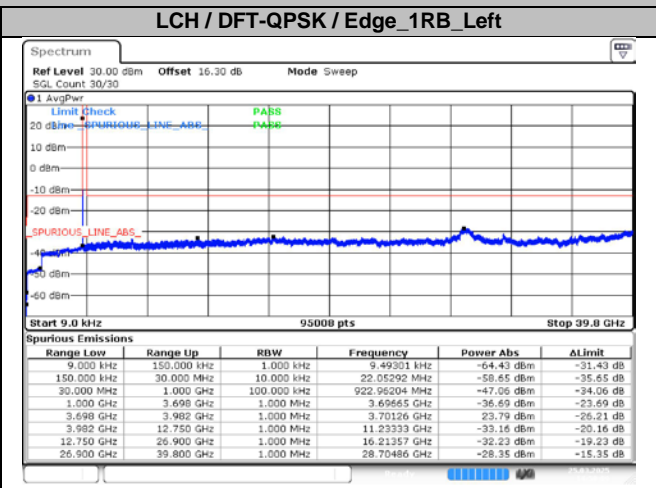
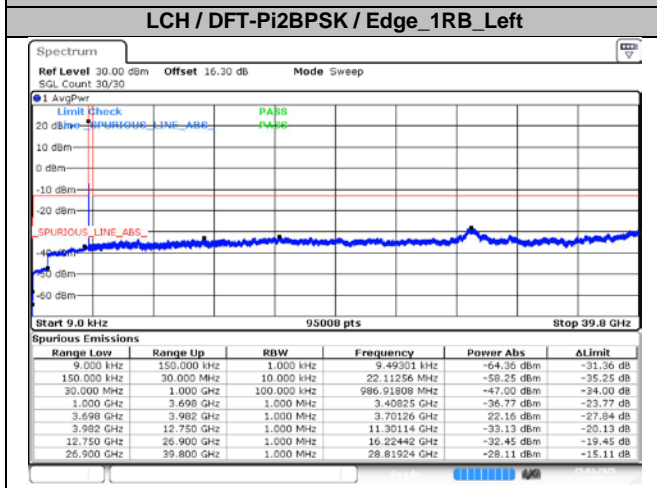
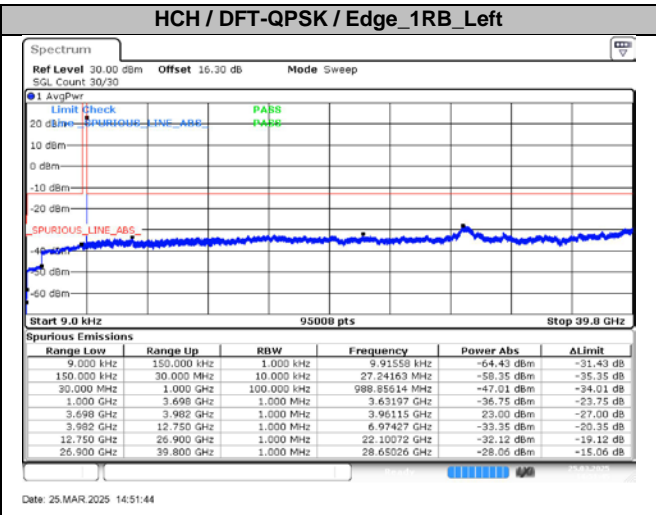
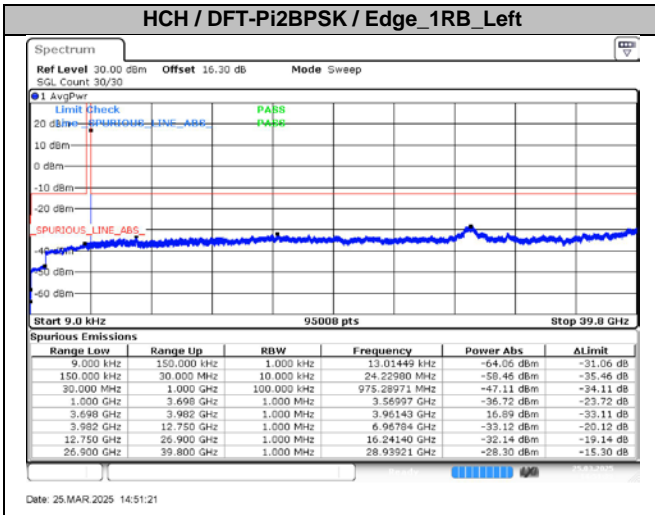
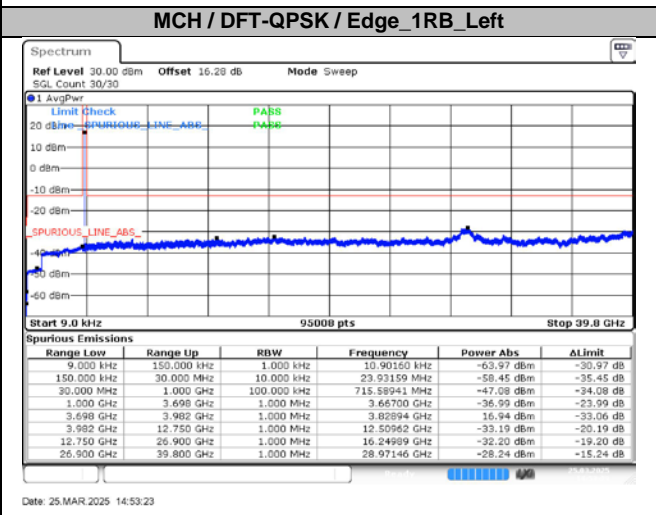
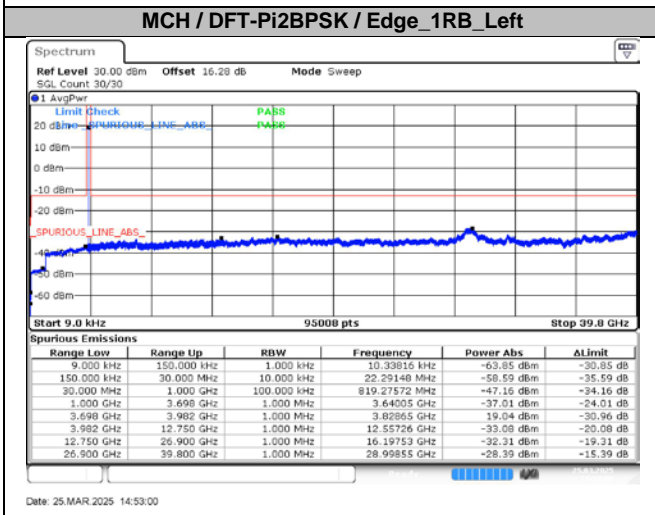
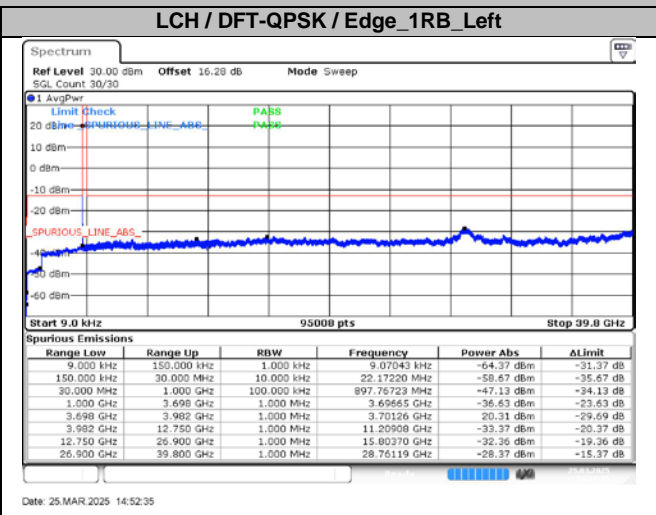
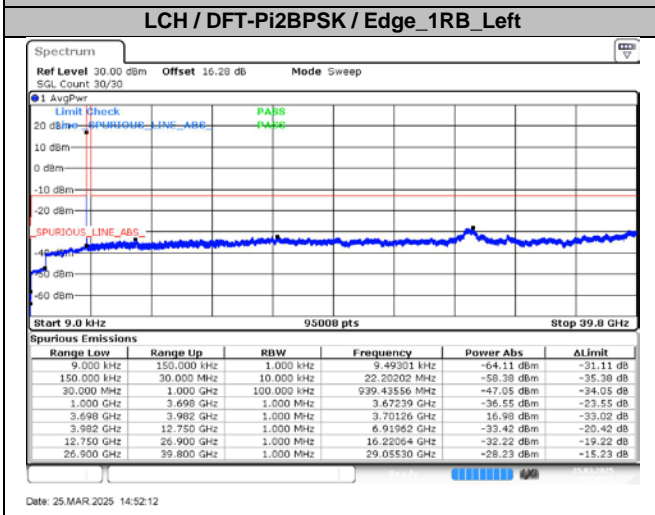


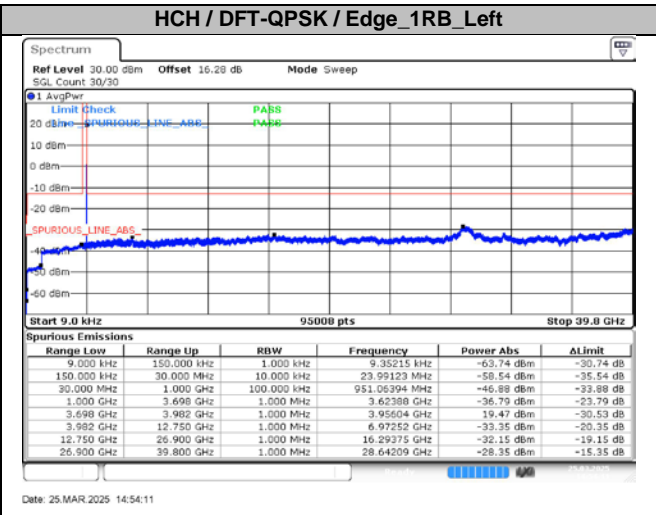
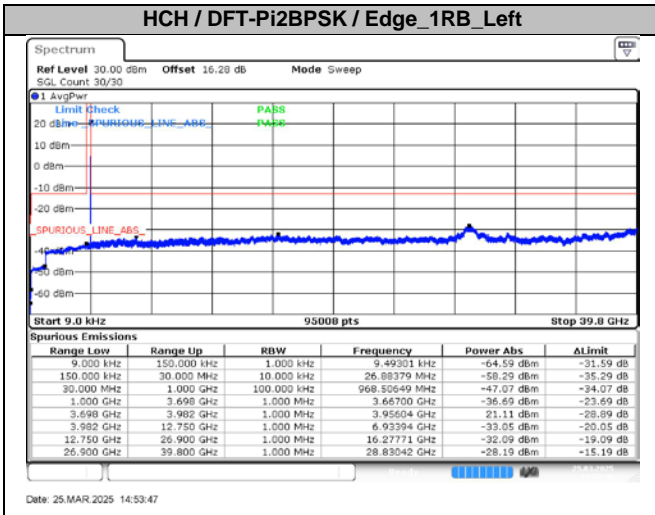
n77A / 30kHz / 20MHz



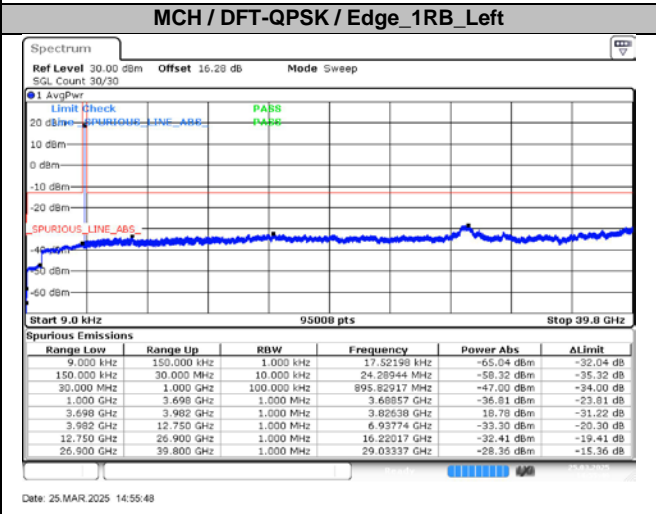
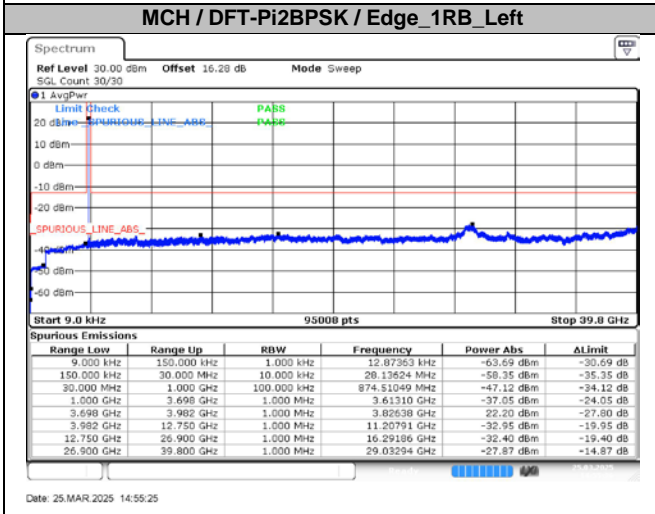
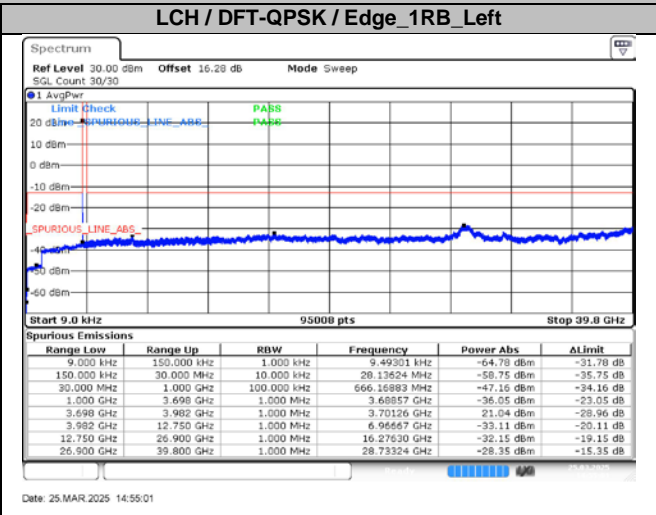
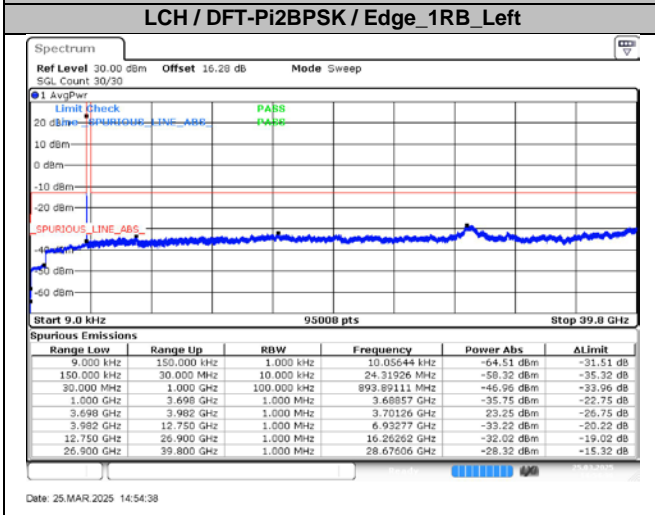


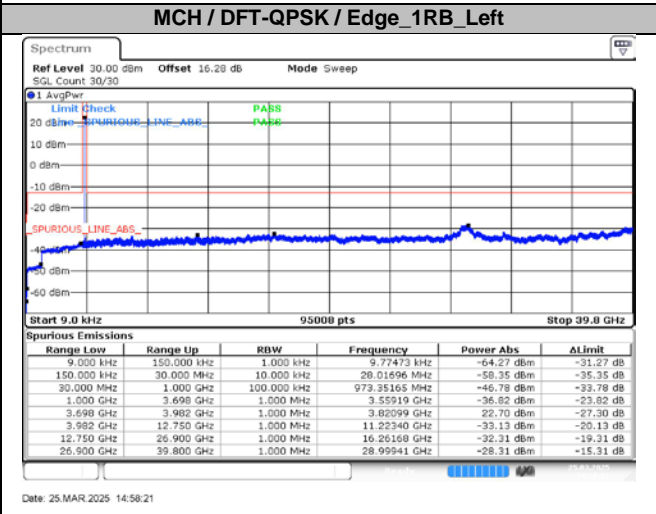
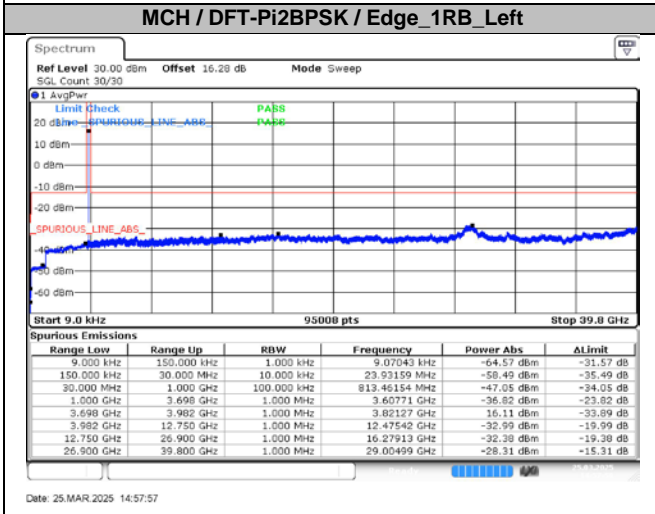
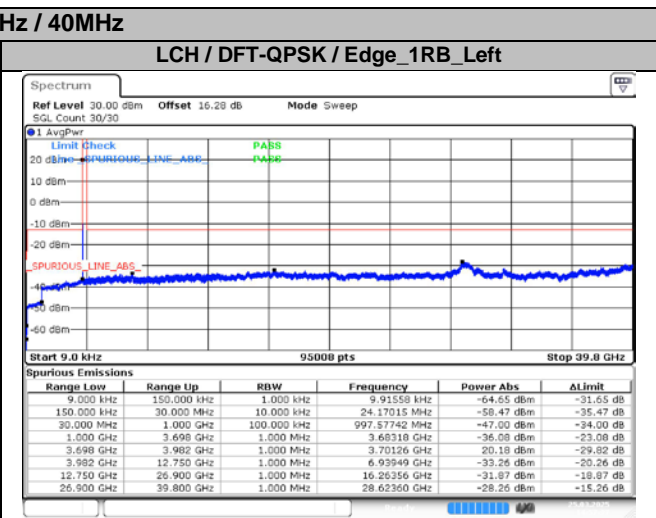
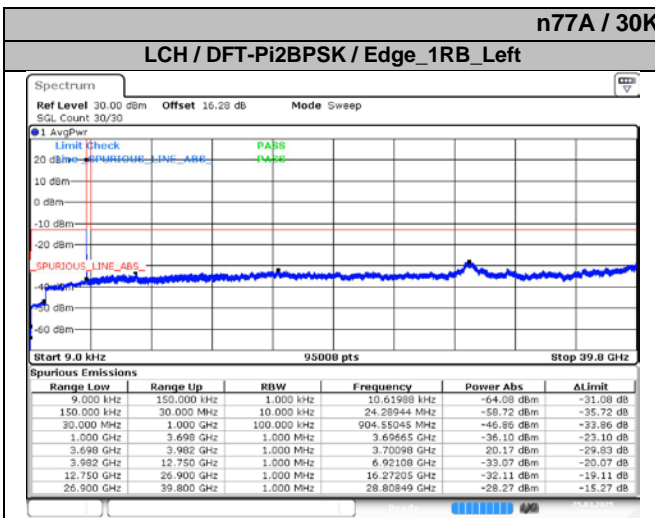
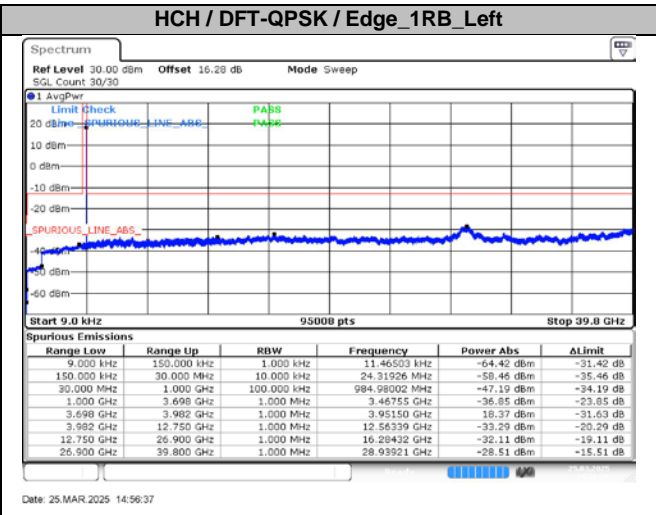
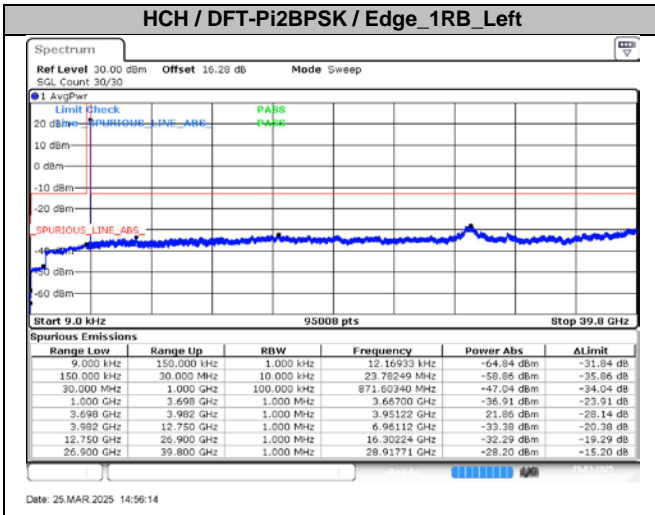
n77A / 30kHz / 25MHz

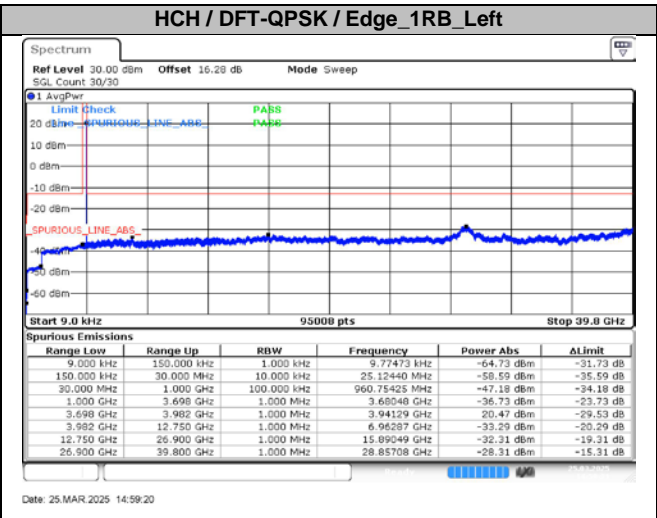
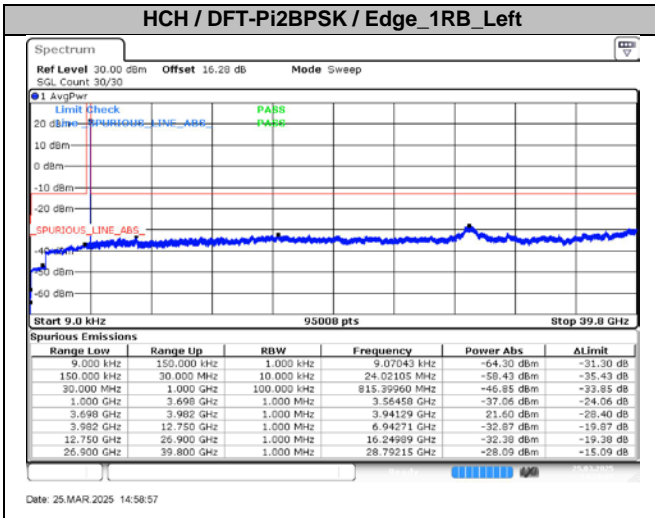




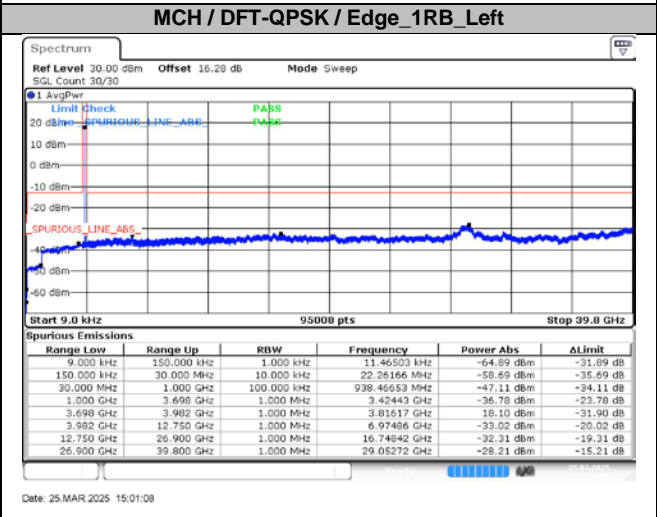
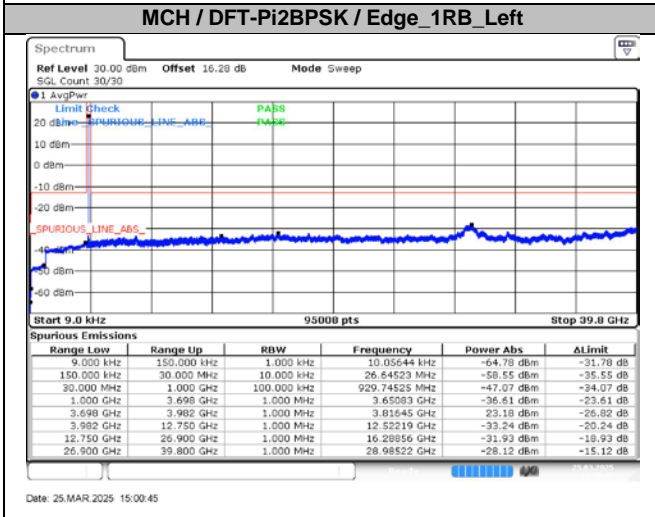
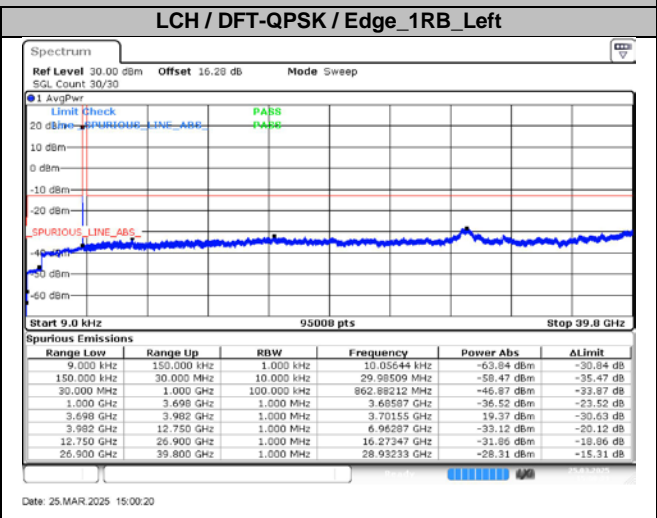
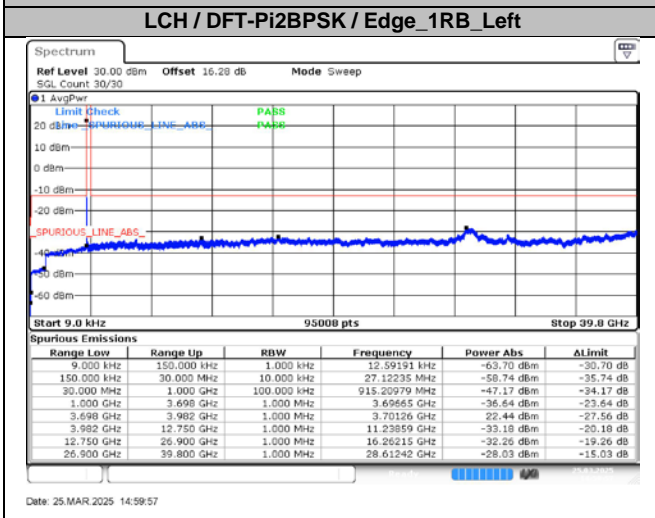
n77A / 30kHz / 30MHz

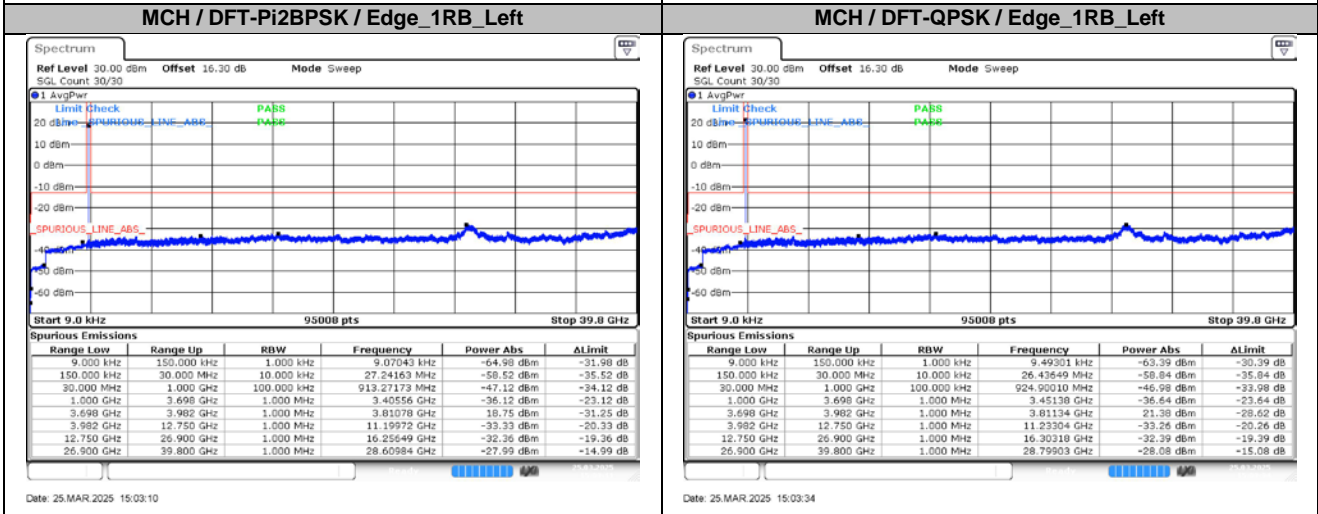
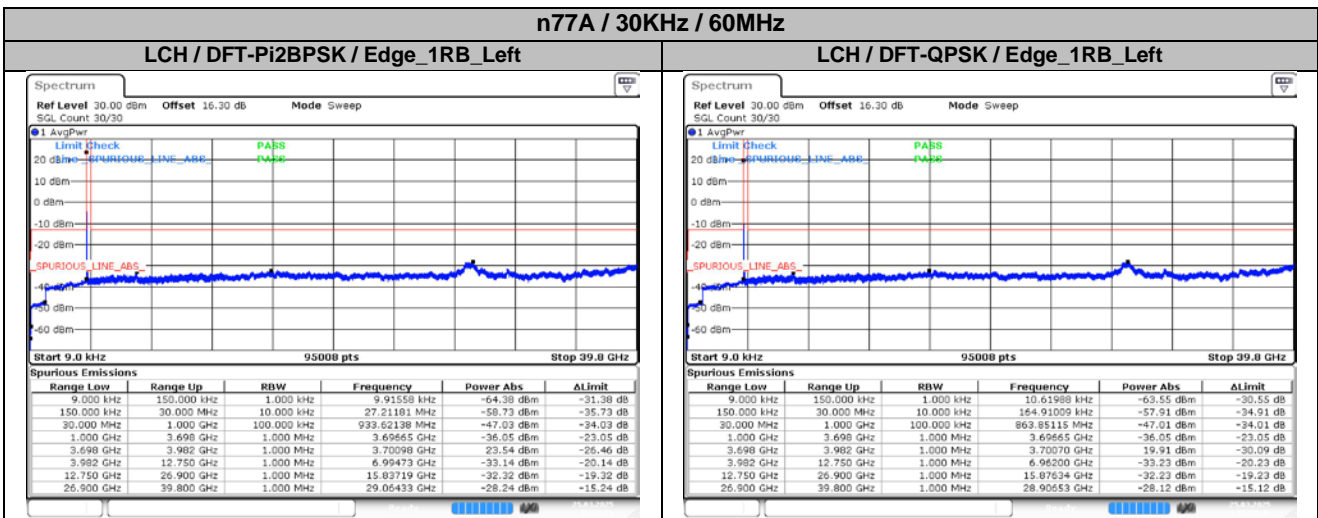
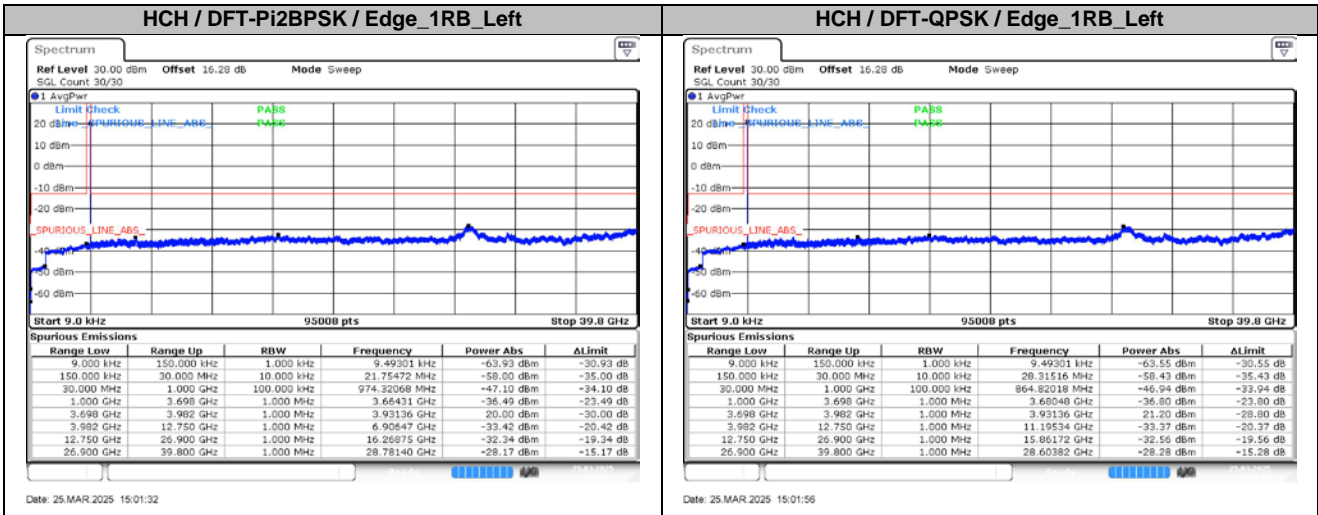


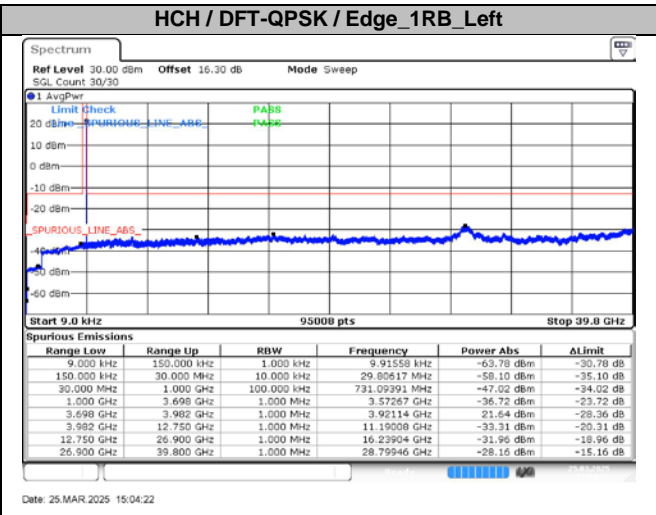
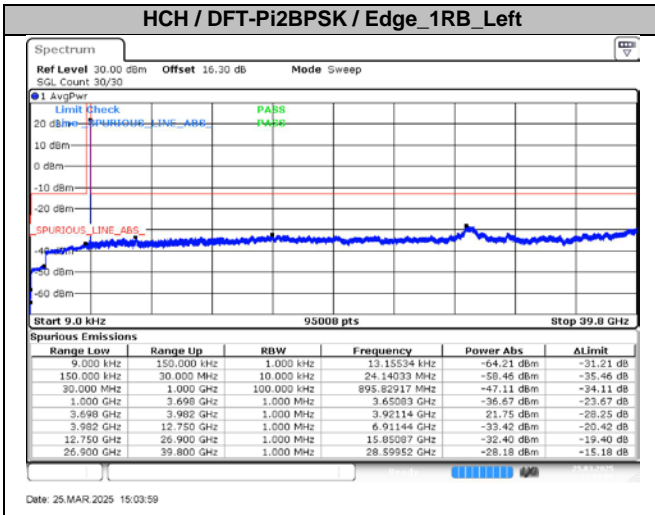




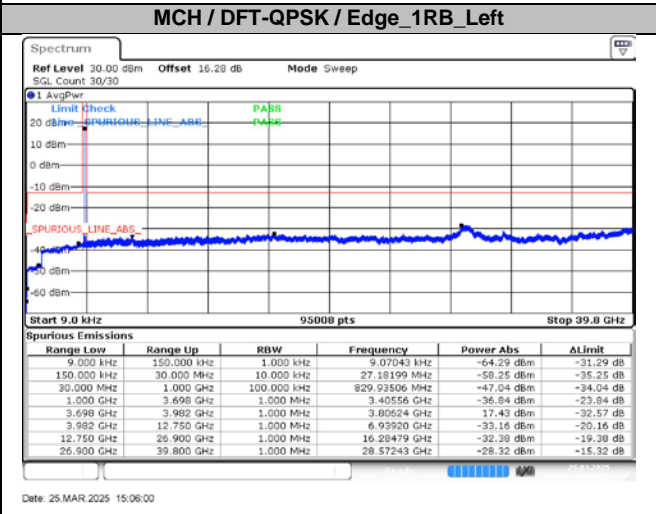
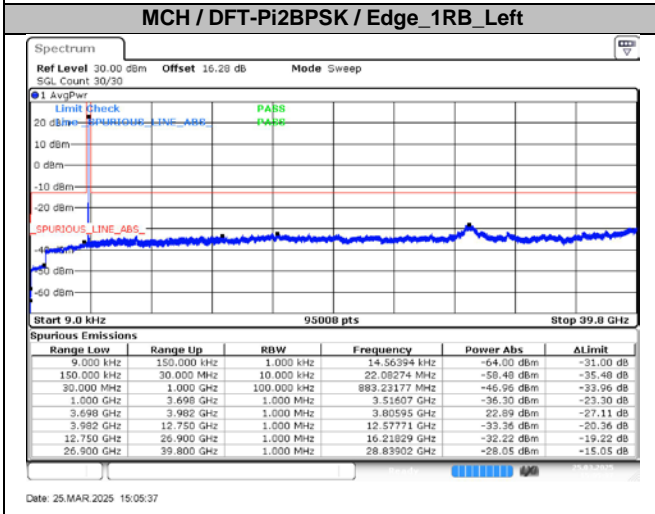
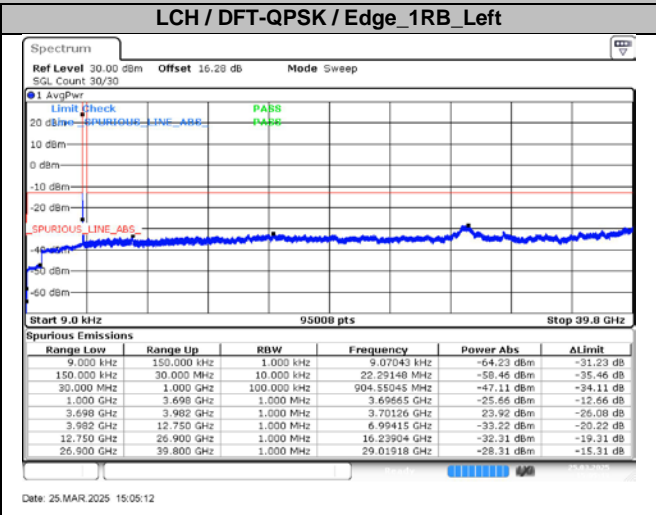
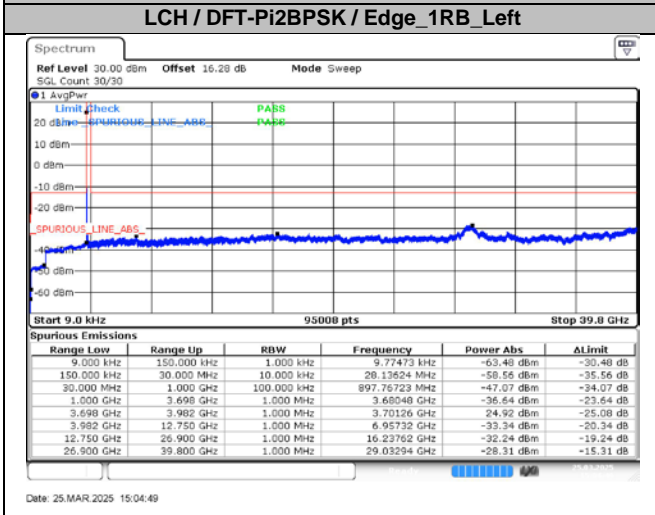
n77A / 30kHz / 50MHz

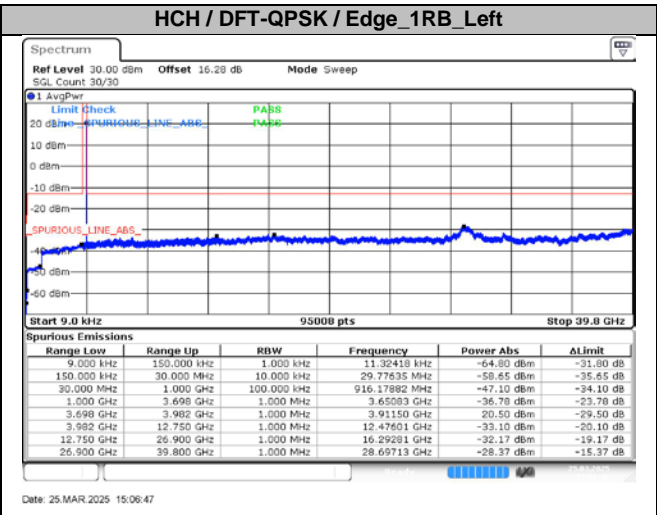
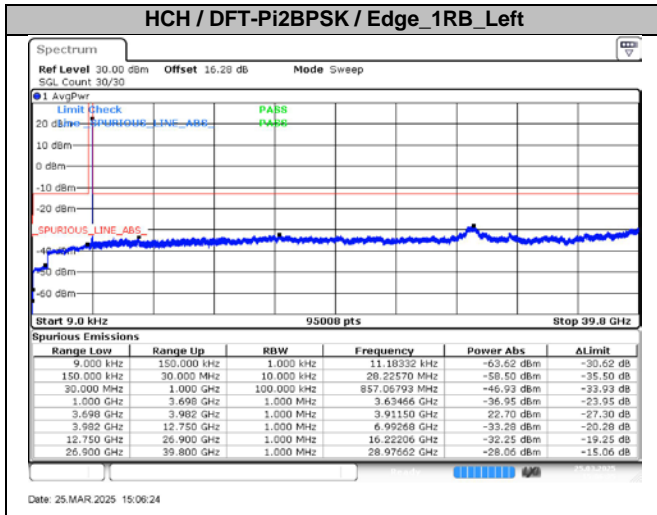




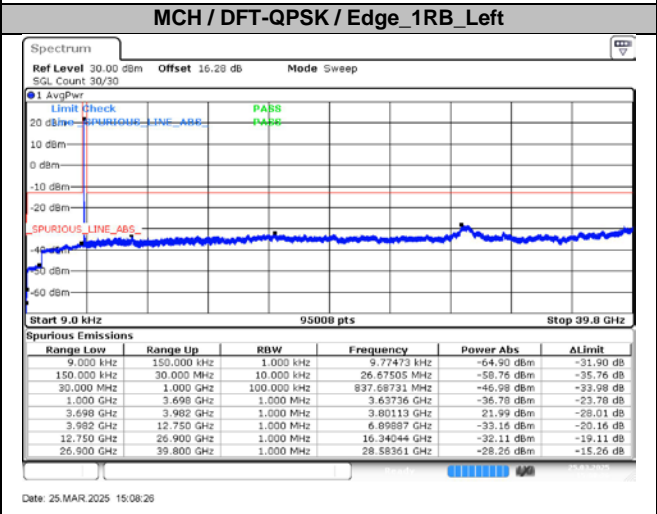
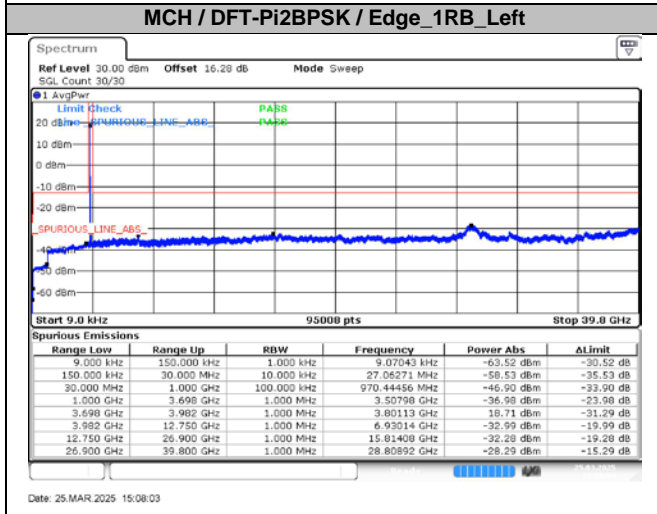
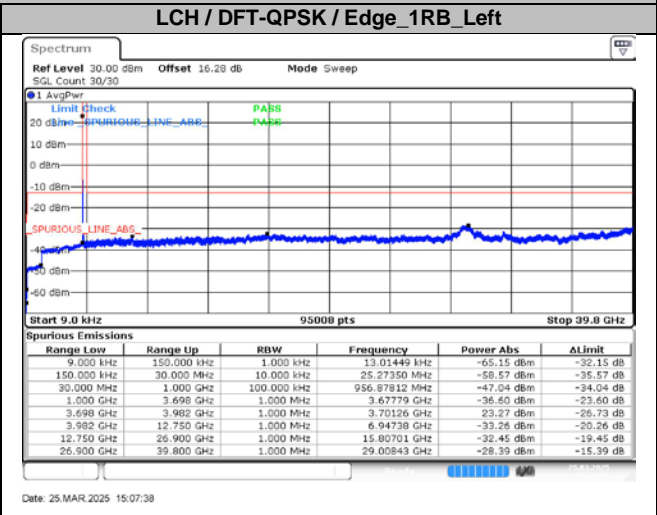
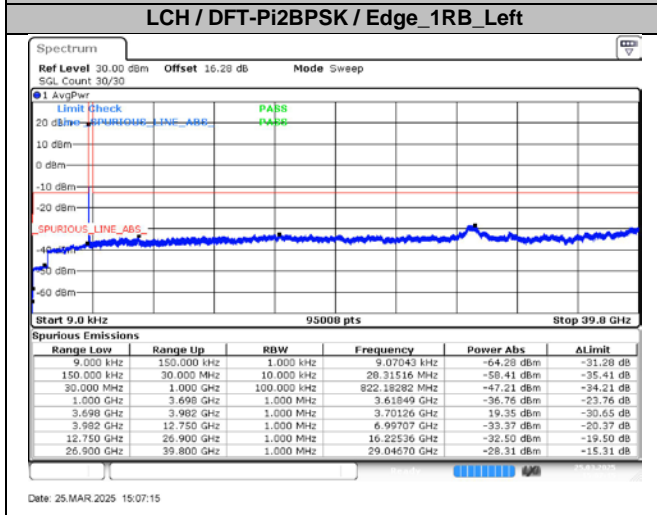


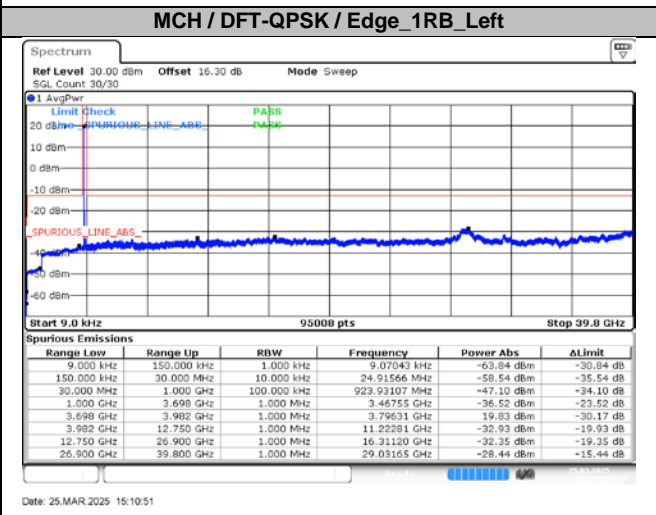
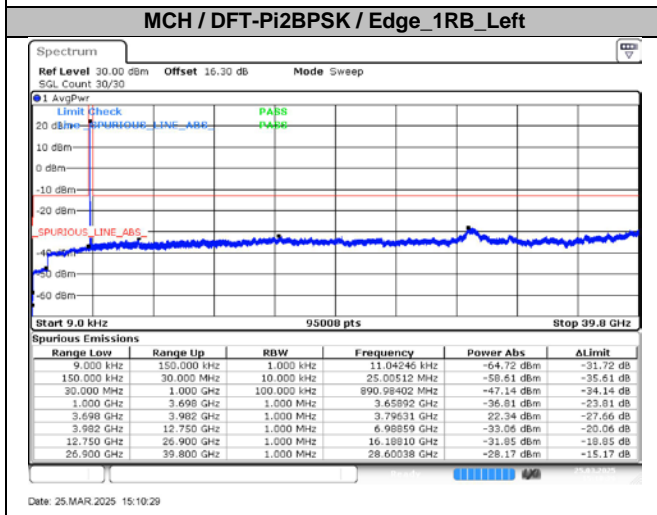
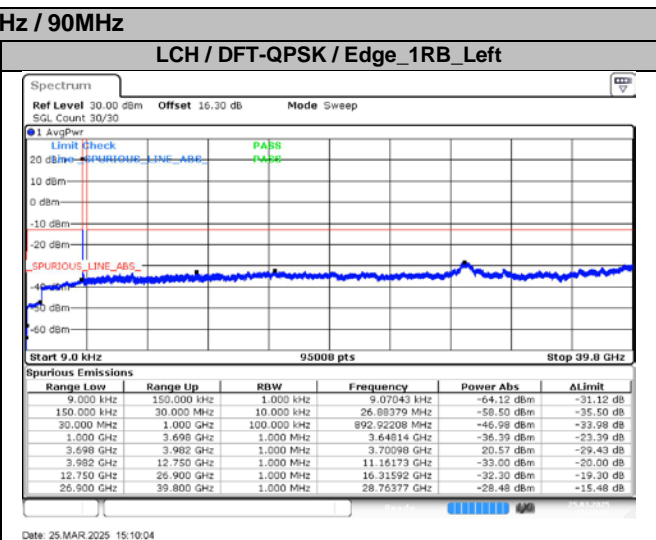
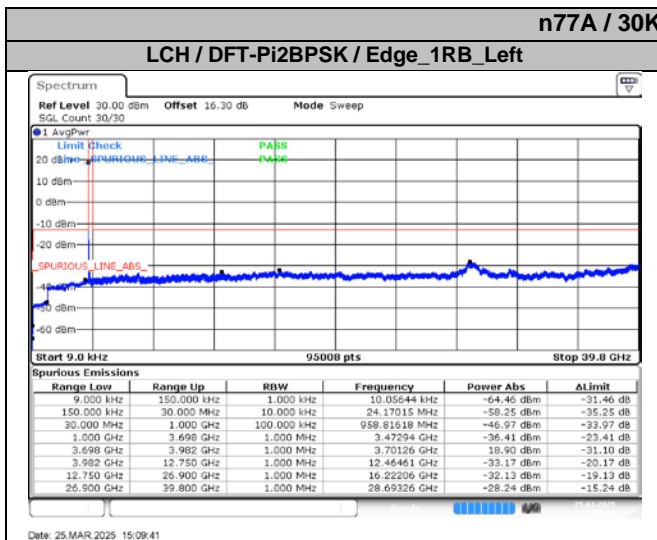
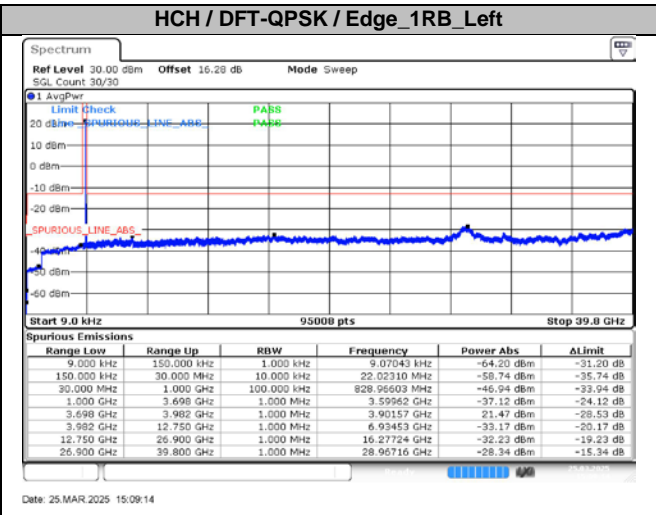
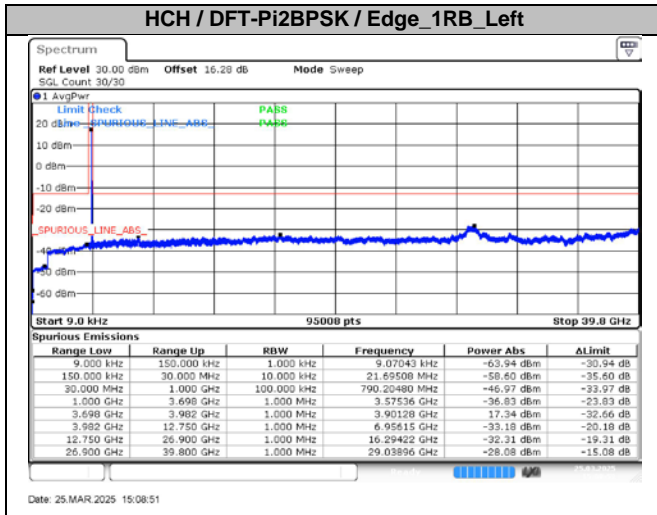
n77A / 30kHz / 70MHz

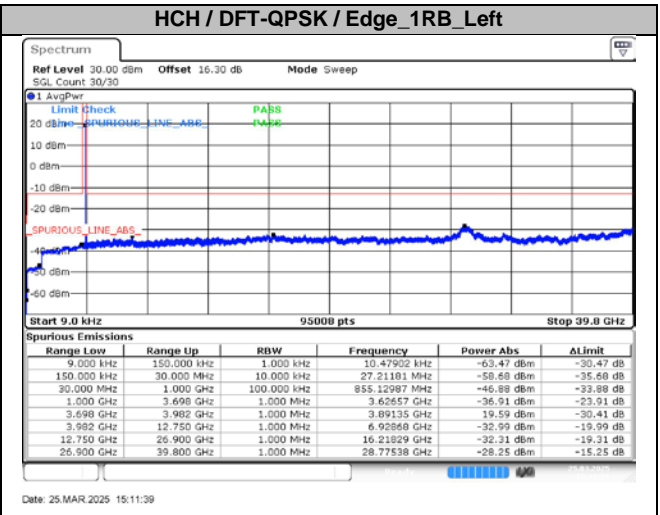
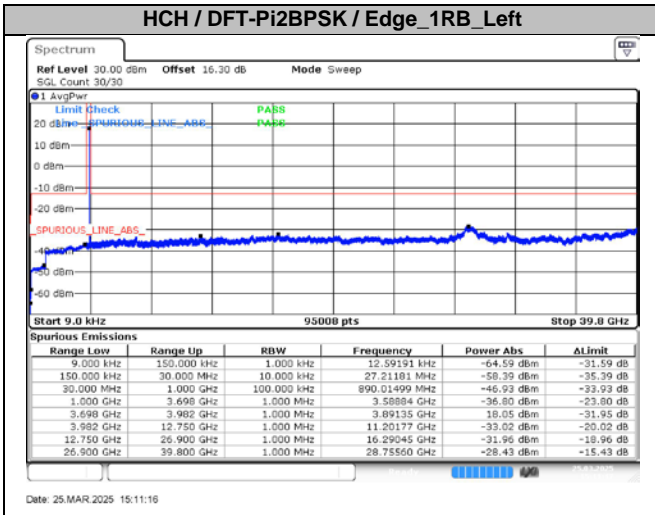




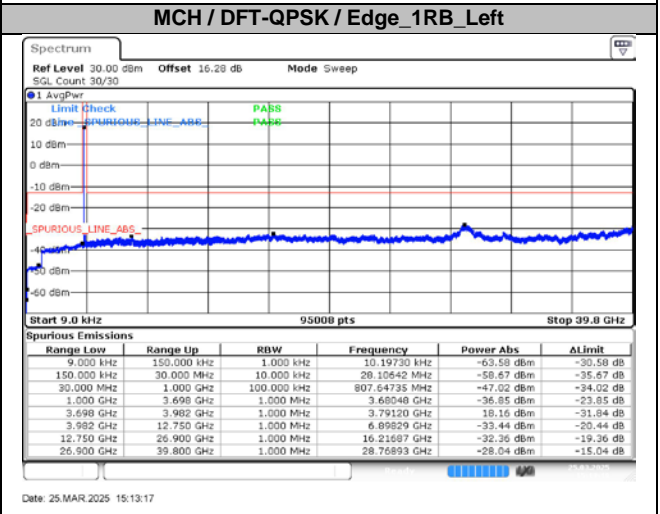
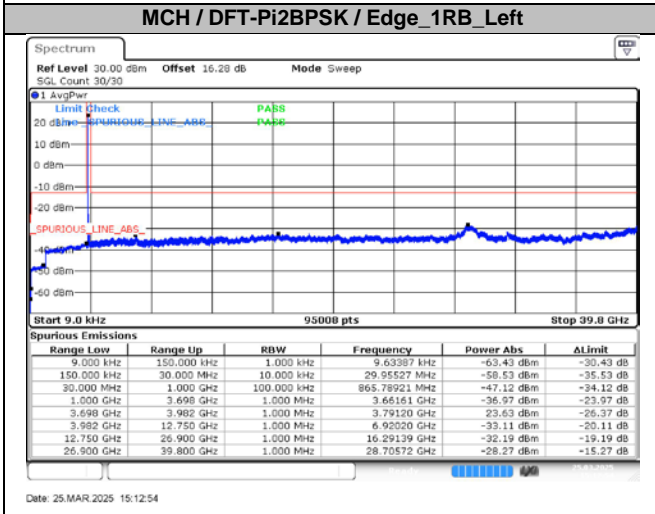
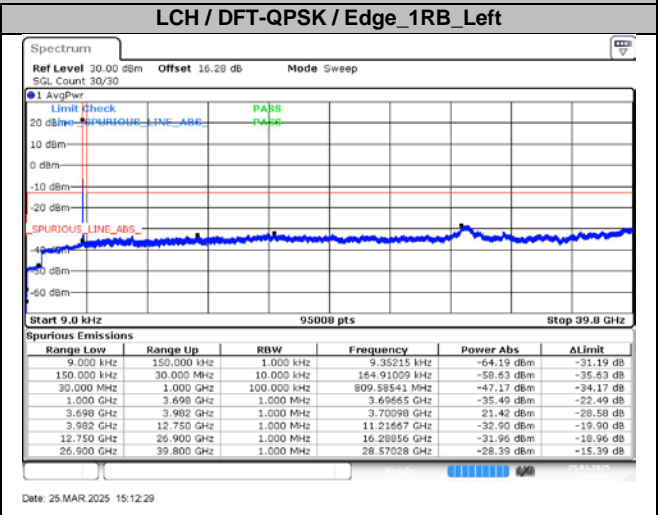
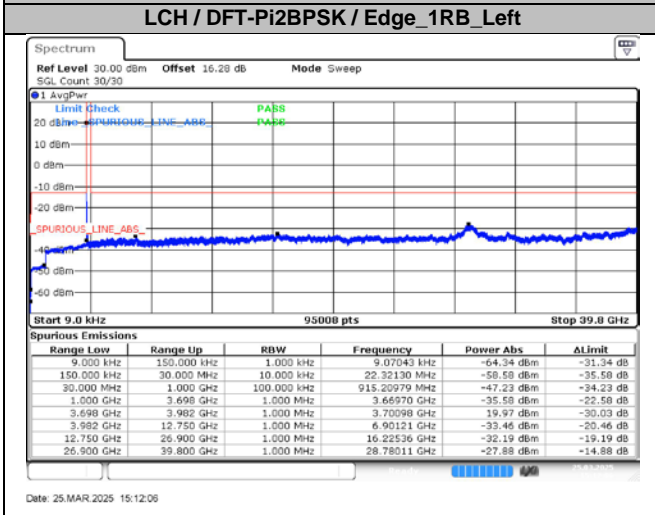
n77A / 30KHz / 80MHz

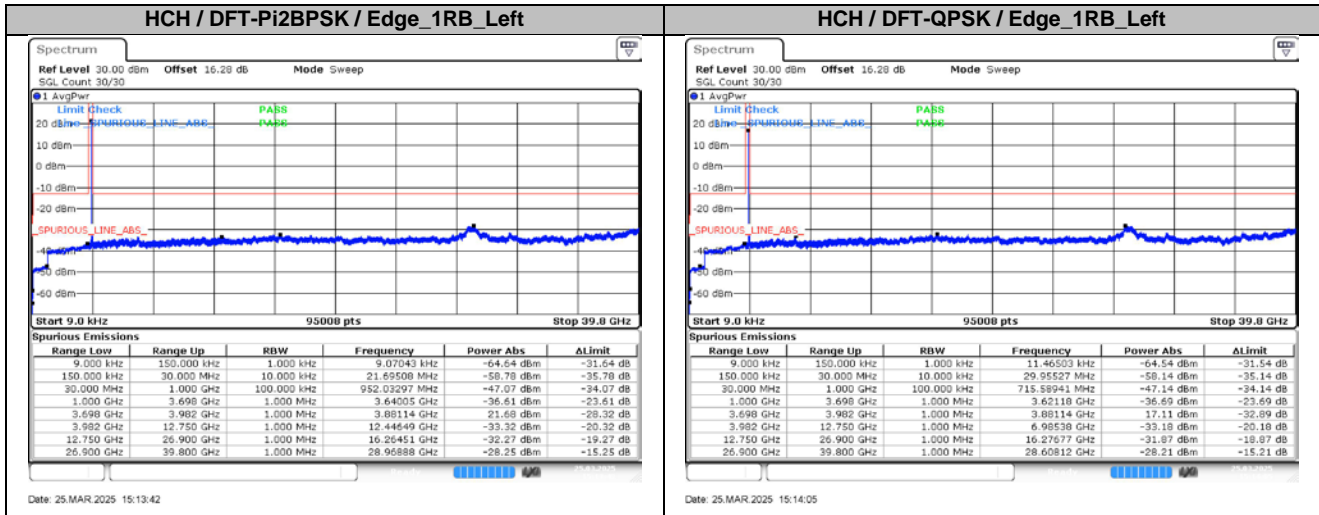






n77A / 30kHz / 100MHz





7. Frequency Stability

7.1. Test Results

7.1.1. Frequency Error Vs Voltage

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-13.30	-0.003464	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-16.00	-0.004167	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-12.10	-0.003151	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-9.20	-0.002396	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-10.40	-0.002708	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-10.30	-0.002682	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-13.20	-0.003438	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-13.00	-0.003385	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-13.50	-0.003516	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-16.10	-0.004193	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-13.60	-0.003542	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-14.20	-0.003698	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-13.50	-0.003516	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-17.90	-0.004661	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-14.70	-0.003828	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-8.20	-0.002135	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-9.60	-0.002500	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-8.10	-0.002109	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-9.10	-0.002370	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-10.00	-0.002604	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-5.80	-0.001510	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-10.70	-0.002786	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-8.90	-0.002318	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-6.30	-0.001641	Pass

The End