

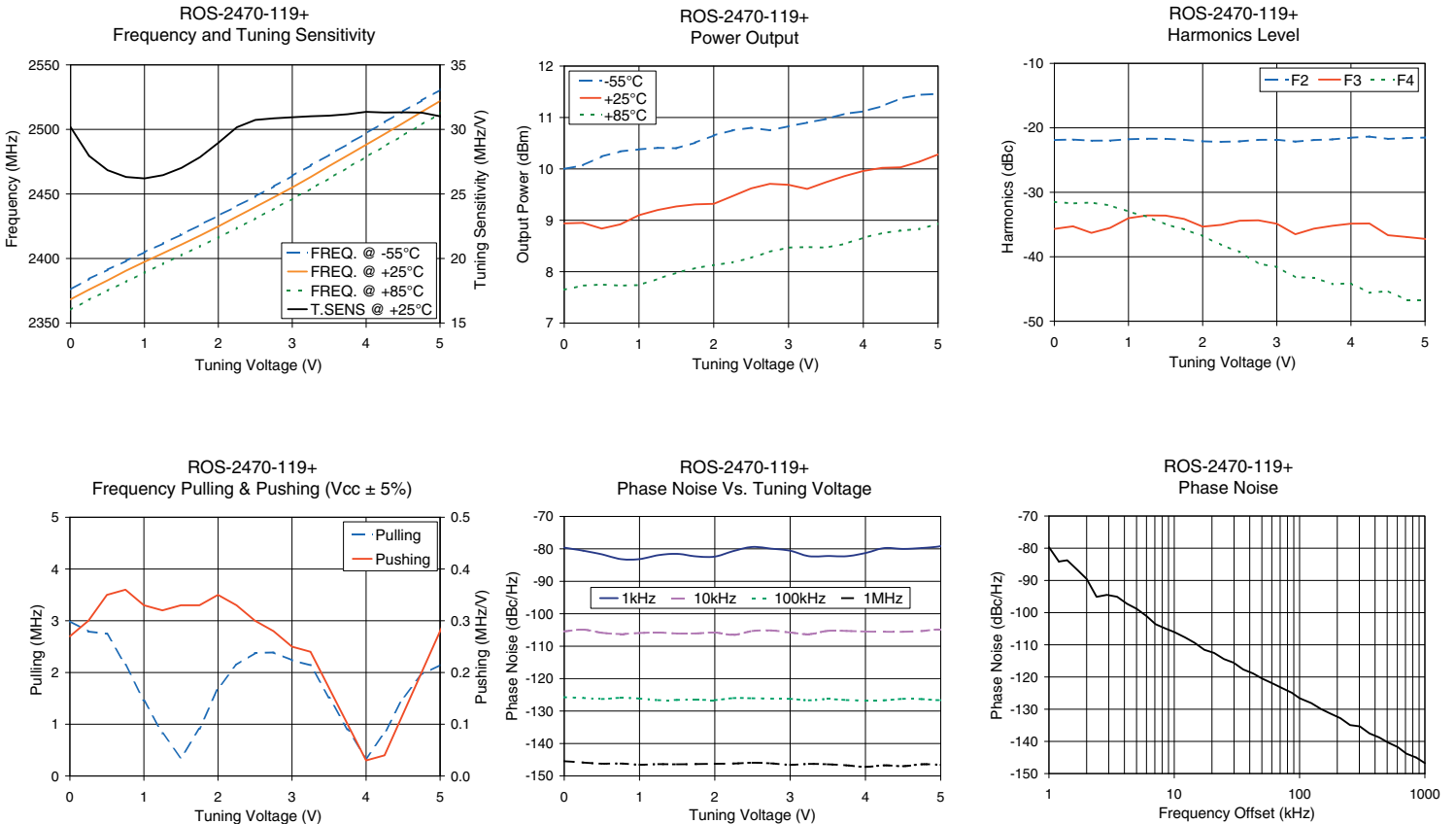


# Performance Data & Curves\*

# ROS-2470-119+

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			Icc (mA)	HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ. PULL (MHz)	PHASE NOISE (dBc/Hz) at offsets				FREQ OFFSET (KHz)	PHASE NOISE at 2450 MHz (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C		F2	F3	F4			1kHz	10kHz	100kHz	1MHz		
0.00	30.17	2376.0	2368.4	2360.3	10.00	8.94	7.65	35.69	-21.9	-35.7	-31.5	0.27	2.99	-79.6	-105.5	-125.7	-145.5	1.0	-79.66
0.50	26.84	2391.3	2383.1	2375.1	10.24	8.84	7.75	35.69	-22.0	-36.3	-31.6	0.35	2.75	-81.7	-105.9	-126.3	-146.2	2.0	-89.55
0.75	26.32	2398.1	2390.6	2382.0	10.34	8.92	7.73	35.70	-22.0	-35.5	-32.0	0.36	2.15	-83.2	-106.3	-125.9	-146.2	3.5	-95.08
1.00	26.20	2404.8	2397.4	2389.0	10.38	9.10	7.74	35.72	-21.8	-34.0	-33.0	0.33	1.46	-83.2	-105.9	-126.1	-146.6	6.0	-101.06
1.25	26.46	2411.6	2404.1	2395.9	10.41	9.20	7.86	35.74	-21.7	-33.6	-33.8	0.32	0.83	-81.9	-105.8	-126.6	-146.4	8.5	-104.94
1.50	27.02	2418.6	2410.8	2402.6	10.40	9.27	7.98	35.74	-21.7	-33.6	-35.0	0.33	0.35	-81.5	-106.1	-126.6	-146.4	10.0	-106.04
1.75	27.84	2425.9	2417.6	2409.4	10.51	9.31	8.07	35.75	-21.9	-34.1	-35.8	0.33	0.91	-82.3	-106.1	-126.5	-146.3	20.8	-112.53
2.00	28.96	2433.2	2424.8	2416.3	10.65	9.32	8.13	35.74	-22.1	-35.3	-36.8	0.35	1.69	-82.4	-105.8	-126.6	-146.3	35.5	-117.65
2.25	30.17	2440.5	2432.4	2423.4	10.75	9.47	8.18	35.76	-22.2	-35.1	-38.2	0.33	2.15	-80.7	-106.5	-126.0	-146.2	60.7	-121.97
2.50	30.73	2448.0	2439.9	2431.0	10.80	9.62	8.27	35.77	-22.1	-34.4	-39.3	0.30	2.38	-79.4	-105.3	-126.1	-146.0	86.7	-124.90
2.75	30.86	2455.7	2447.4	2438.5	10.75	9.71	8.39	35.78	-21.9	-34.3	-41.1	0.28	2.39	-80.0	-105.2	-126.2	-146.1	100.0	-126.60
3.00	30.94	2464.0	2455.0	2446.2	10.83	9.69	8.47	35.78	-21.8	-34.9	-41.6	0.25	2.24	-80.6	-105.8	-126.2	-146.6	148.1	-129.93
3.25	31.02	2472.1	2463.2	2454.0	10.90	9.61	8.48	35.76	-22.2	-36.5	-43.2	0.24	2.14	-82.3	-106.3	-126.7	-146.3	177.0	-131.41
3.50	31.06	2480.4	2471.7	2462.0	10.97	9.74	8.47	35.78	-21.9	-35.6	-43.2	0.17	1.52	-82.2	-105.3	-126.3	-146.4	211.6	-132.79
3.75	31.18	2488.6	2479.9	2470.4	11.07	9.86	8.54	35.80	-21.8	-35.2	-44.2	0.10	0.90	-82.3	-105.3	-126.6	-146.7	302.4	-135.34
4.00	31.36	2496.9	2488.1	2478.7	11.12	9.96	8.66	35.81	-21.5	-34.9	-44.1	0.03	0.34	-81.3	-105.5	-126.7	-147.2	361.5	-137.54
4.25	31.31	2505.6	2496.4	2487.0	11.22	10.02	8.75	35.80	-21.4	-34.8	-45.6	0.04	0.83	-79.8	-105.6	-126.7	-146.7	507.5	-140.34
4.50	31.32	2514.0	2504.9	2495.4	11.37	10.03	8.80	35.79	-21.7	-36.7	-45.3	0.12	1.51	-80.0	-105.6	-126.2	-147.0	606.7	-141.76
4.75	31.30	2522.4	2513.5	2503.7	11.44	10.14	8.83	35.79	-21.6	-36.9	-46.7	0.20	1.96	-79.7	-105.3	-126.3	-146.4	851.6	-145.01
5.00	31.02	2530.6	2521.9	2512.2	11.46	10.28	8.93	35.80	-21.5	-37.2	-46.7	0.28	2.15	-79.1	-104.9	-126.7	-146.6	1000.0	-146.75

\*at 25°C unless mentioned otherwise



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