

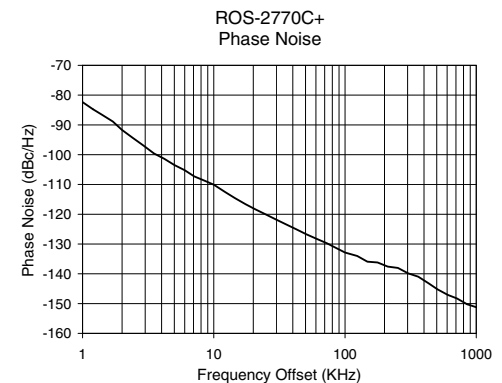
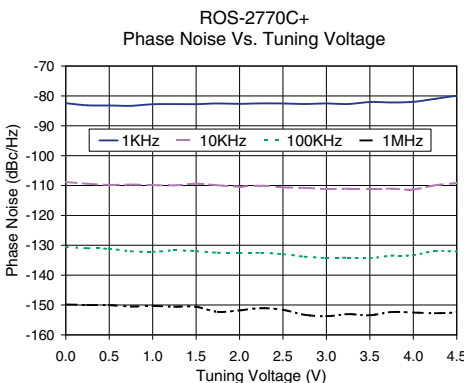
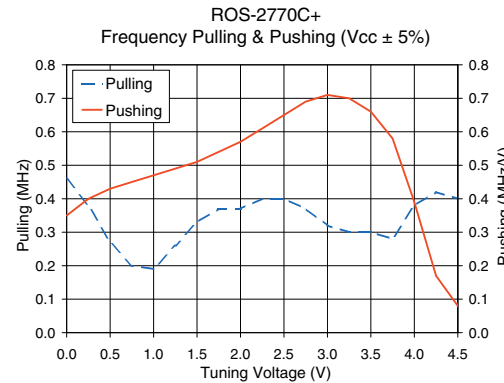
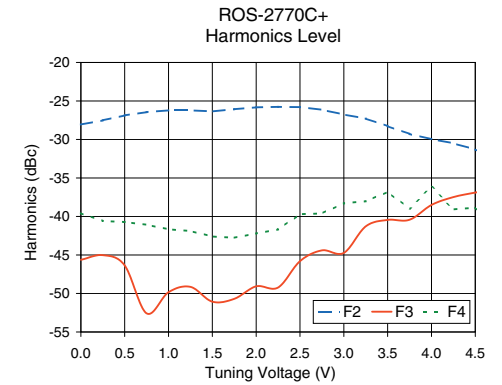
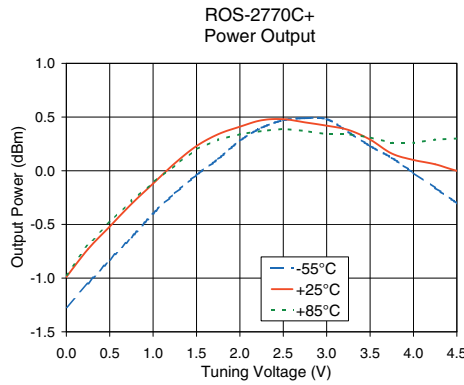
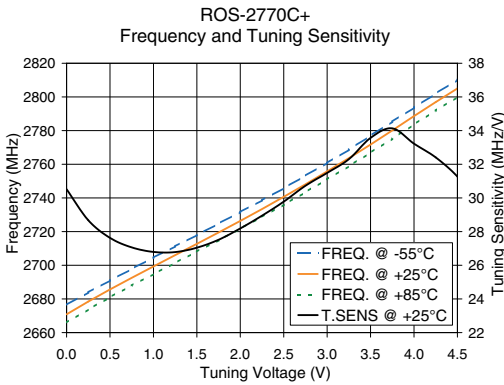


# Performance Data & Curves\*

# ROS-2770C+

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 2743 MHz (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C		F2	F3	F4			1kHz	10kHz	100kHz	1MHz		
0.00	30.52	2676.5	2670.8	2666.0	-1.27	-0.99	-0.97	28.79	-28.1	-45.6	-39.6	0.35	0.46	-82.5	-108.8	-130.6	-149.8	1.0	-82.35
0.25	28.67	2683.9	2678.5	2673.8	-1.05	-0.73	-0.69	29.04	-27.5	-45.0	-40.6	0.40	0.38	-83.2	-109.4	-131.0	-150.0	2.0	-91.71
0.50	27.63	2691.0	2685.6	2681.0	-0.83	-0.52	-0.48	29.27	-26.9	-46.4	-40.7	0.43	0.27	-83.2	-109.8	-131.2	-150.0	3.5	-99.59
0.75	27.06	2697.8	2692.6	2688.0	-0.62	-0.31	-0.28	29.49	-26.5	-52.6	-41.1	0.45	0.20	-83.3	-109.7	-132.0	-150.5	6.0	-105.23
1.00	26.79	2704.5	2699.3	2694.7	-0.40	-0.12	-0.11	29.71	-26.2	-49.8	-41.7	0.47	0.19	-82.8	-109.8	-132.2	-150.3	8.5	-108.73
1.25	26.78	2711.2	2706.0	2701.4	-0.21	0.07	0.05	29.93	-26.2	-49.1	-41.9	0.49	0.26	-82.7	-109.9	-131.7	-150.6	10.0	-110.06
1.50	27.04	2717.9	2712.7	2708.1	-0.04	0.23	0.20	30.13	-26.4	-51.1	-42.6	0.51	0.33	-82.8	-109.4	-132.0	-150.6	20.8	-118.38
1.75	27.52	2724.7	2719.5	2714.8	0.11	0.34	0.29	30.30	-26.1	-50.7	-42.8	0.54	0.37	-82.5	-109.9	-132.5	-152.3	35.5	-123.40
2.00	28.19	2731.6	2726.4	2721.7	0.28	0.41	0.34	30.44	-25.8	-49.1	-42.2	0.57	0.37	-82.7	-110.3	-132.6	-151.8	60.7	-128.23
2.25	28.95	2738.6	2733.4	2728.8	0.40	0.47	0.37	30.55	-25.8	-49.2	-41.7	0.61	0.40	-82.5	-110.1	-132.5	-151.1	86.7	-131.47
2.50	29.78	2745.8	2740.6	2736.0	0.47	0.48	0.39	30.64	-25.8	-45.8	-39.7	0.65	0.40	-82.5	-110.6	-133.0	-151.6	100.0	-132.85
2.75	30.72	2753.2	2748.1	2743.4	0.49	0.45	0.37	30.70	-26.1	-44.4	-39.6	0.69	0.37	-82.7	-110.8	-133.8	-153.3	148.1	-135.92
3.00	31.49	2760.8	2755.8	2751.1	0.48	0.42	0.34	30.73	-26.8	-44.7	-38.3	0.71	0.32	-82.5	-111.2	-134.3	-153.7	211.6	-137.58
3.25	32.30	2768.7	2763.6	2758.9	0.36	0.38	0.34	30.73	-27.3	-41.3	-38.0	0.70	0.30	-82.7	-111.0	-134.2	-153.1	302.4	-139.83
3.50	33.57	2777.0	2771.7	2766.9	0.23	0.29	0.31	30.66	-28.3	-40.4	-36.8	0.66	0.30	-82.1	-111.1	-134.3	-153.4	361.5	-140.96
3.75	34.14	2785.3	2780.1	2775.2	0.12	0.16	0.26	30.52	-29.3	-40.4	-39.0	0.58	0.28	-82.2	-111.1	-133.5	-152.3	507.5	-145.23
4.00	33.22	2793.7	2788.6	2783.6	-0.02	0.10	0.26	30.52	-30.0	-38.5	-36.1	0.39	0.38	-82.0	-111.3	-133.3	-152.5	606.7	-147.06
4.25	32.41	2802.0	2796.9	2791.9	-0.16	0.06	0.29	30.59	-30.5	-37.5	-39.1	0.17	0.42	-81.0	-109.9	-131.9	-152.7	851.6	-150.23
4.50	31.27	2810.1	2805.0	2799.9	-0.30	0.00	0.30	30.64	-31.3	-36.9	-38.9	0.08	0.40	-80.0	-109.2	-132.0	-152.4	1000.0	-151.22

\*at 25°C unless mentioned otherwise



For detailed performance specs & shopping online see web site

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