

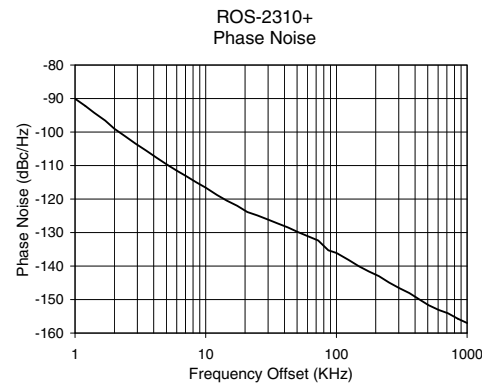
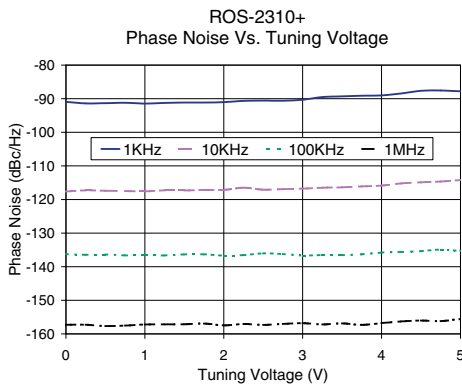
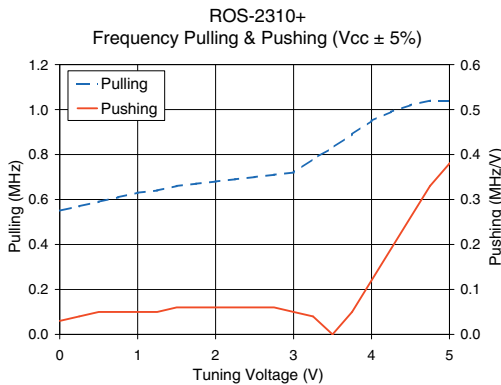
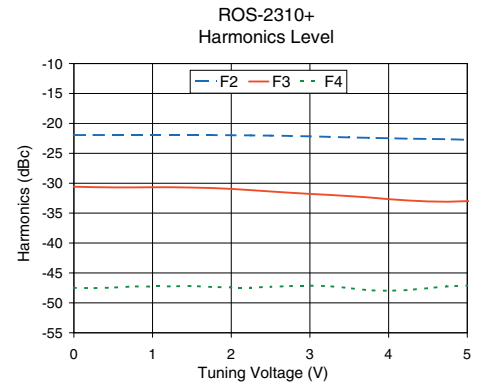
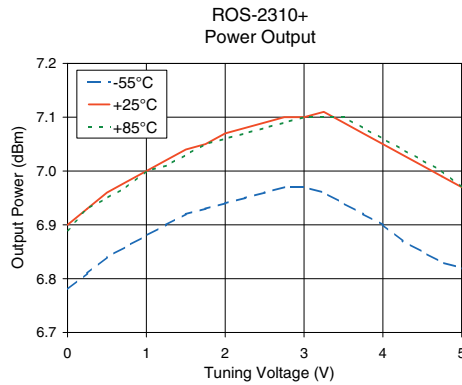
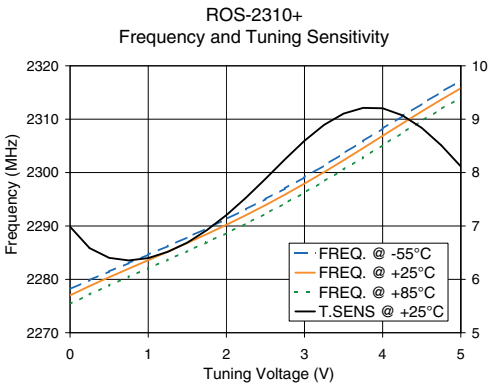


# Performance Data & Curves\*

# ROS-2310+

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 2300 MHz (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C		F2	F3	F4			1kHz	10kHz	100kHz	1MHz		
0.00	6.99	2278.2	2277.0	2275.4	6.78	6.90	6.89	28.55	-21.9	-30.6	-47.5	0.03	0.55	-90.9	-117.6	-136.3	-157.3	1.0	-90.05
0.50	6.40	2281.5	2280.4	2278.9	6.84	6.96	6.95	28.58	-21.9	-30.7	-47.4	0.05	0.59	-91.3	-117.4	-136.4	-157.7	2.0	-99.02
0.75	6.35	2283.0	2282.0	2280.5	6.86	6.98	6.97	28.58	-21.9	-30.7	-47.3	0.05	0.61	-91.2	-117.5	-136.6	-157.5	3.5	-105.52
1.00	6.40	2284.6	2283.6	2282.1	6.88	7.00	7.00	28.58	-21.9	-30.7	-47.3	0.05	0.63	-91.4	-117.6	-136.6	-157.2	6.0	-111.52
1.25	6.52	2286.2	2285.2	2283.7	6.90	7.02	7.01	28.58	-22.0	-30.7	-47.2	0.05	0.64	-91.3	-117.3	-136.7	-157.2	8.5	-115.04
1.50	6.69	2287.9	2286.8	2285.3	6.92	7.04	7.03	28.57	-22.0	-30.7	-47.2	0.06	0.66	-91.1	-117.3	-136.4	-157.1	10.0	-116.60
1.75	6.92	2289.5	2288.5	2287.0	6.93	7.05	7.05	28.56	-22.0	-30.8	-47.3	0.06	0.67	-91.2	-117.1	-136.3	-156.9	20.8	-123.88
2.00	7.20	2291.3	2290.2	2288.7	6.94	7.07	7.06	28.55	-22.0	-31.0	-47.4	0.06	0.68	-91.0	-117.2	-136.7	-157.5	35.5	-127.27
2.25	7.53	2293.1	2292.0	2290.4	6.95	7.08	7.07	28.54	-22.0	-31.2	-47.4	0.06	0.69	-90.6	-116.5	-136.6	-157.1	60.7	-131.12
2.50	7.88	2295.0	2293.9	2292.3	6.96	7.09	7.08	28.52	-22.0	-31.4	-47.3	0.06	0.70	-90.6	-117.1	-136.0	-157.3	86.7	-135.30
2.75	8.25	2297.0	2295.9	2294.2	6.97	7.10	7.09	28.49	-22.1	-31.6	-47.2	0.06	0.71	-90.6	-116.9	-136.2	-157.1	100.0	-136.09
3.00	8.60	2299.1	2297.9	2296.3	6.97	7.10	7.10	28.46	-22.2	-31.8	-47.1	0.05	0.72	-90.3	-116.8	-136.7	-156.8	148.1	-140.02
3.25	8.89	2301.3	2300.1	2298.4	6.96	7.11	7.10	28.42	-22.3	-32.0	-47.2	0.04	0.78	-89.5	-116.5	-136.5	-157.2	177.0	-141.60
3.50	9.11	2303.6	2302.3	2300.6	6.94	7.09	7.10	28.39	-22.3	-32.2	-47.5	0.00	0.83	-89.3	-116.4	-136.6	-156.9	211.6	-143.01
3.75	9.21	2305.9	2304.6	2302.8	6.92	7.07	7.08	28.34	-22.4	-32.4	-47.9	0.05	0.89	-89.1	-116.1	-136.3	-157.3	302.4	-146.57
4.00	9.21	2308.2	2306.9	2305.1	6.90	7.05	7.06	28.29	-22.5	-32.7	-48.0	0.12	0.95	-89.0	-115.9	-135.8	-156.8	361.5	-148.07
4.25	9.07	2310.6	2309.2	2307.4	6.87	7.03	7.04	28.24	-22.6	-32.9	-47.9	0.19	0.99	-88.4	-115.2	-135.6	-156.3	507.5	-151.67
4.50	8.84	2312.9	2311.5	2309.7	6.85	7.01	7.02	28.18	-22.6	-33.0	-47.5	0.26	1.02	-87.7	-114.9	-135.4	-156.1	606.7	-153.10
4.75	8.51	2315.1	2313.7	2311.9	6.83	6.99	7.00	28.13	-22.7	-33.1	-47.2	0.33	1.04	-87.6	-114.7	-134.9	-156.2	851.6	-155.74
5.00	8.12	2317.2	2315.8	2314.1	6.82	6.97	6.97	28.09	-22.7	-33.0	-47.1	0.38	1.04	-87.8	-114.2	-135.2	-155.6	1000.0	-157.00

\*at 25°C unless mentioned otherwise



For detailed performance specs & shopping online see web site

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IF/RF MICROWAVE COMPONENTS

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