

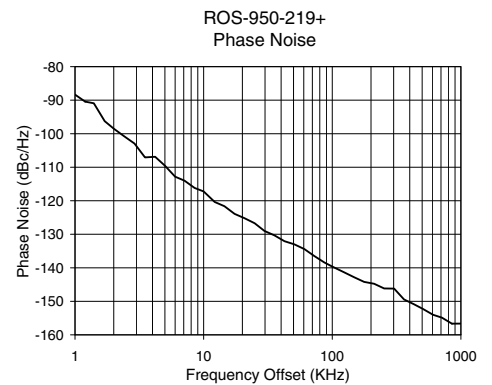
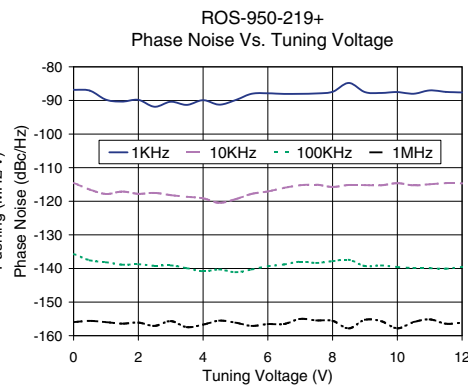
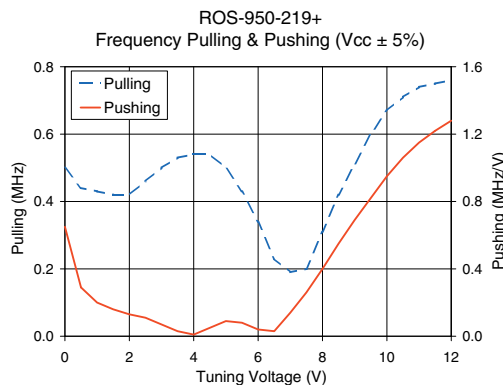
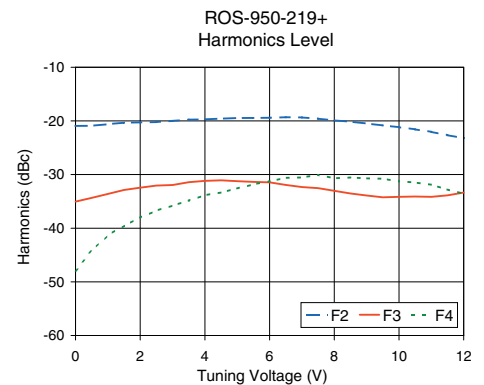
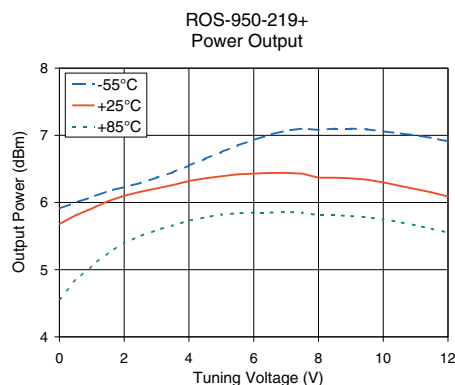
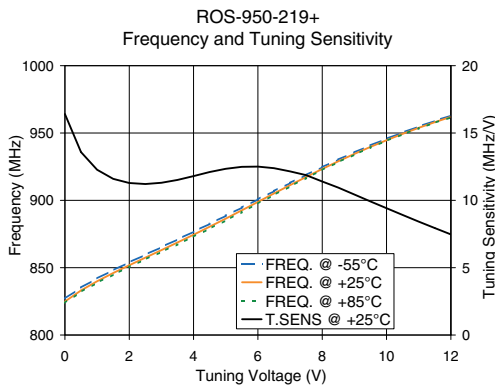


# Performance Data & Curves\*

# ROS-950-219+

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 895 MHz (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C		F2	F3	F4			1kHz	10kHz	100kHz	1MHz		
0.00	16.41	827.0	824.9	823.9	5.91	5.68	4.56	25.40	-20.9	-35.0	-47.9	0.65	0.50	-86.8	-114.5	-135.7	-156.0	1.0	-88.35
0.50	13.59	835.2	833.1	832.1	6.00	5.81	4.84	25.46	-20.9	-34.3	-44.2	0.29	0.44	-87.1	-116.5	-137.6	-155.6	2.0	-98.49
1.00	12.27	842.0	839.9	838.8	6.08	5.91	5.06	25.50	-20.6	-33.6	-41.3	0.20	0.43	-89.8	-117.8	-138.2	-156.0	3.5	-107.08
1.50	11.60	848.1	846.0	844.8	6.17	6.02	5.25	25.53	-20.3	-32.9	-39.5	0.16	0.42	-90.3	-117.1	-138.9	-156.4	6.0	-112.83
2.00	11.29	854.0	851.8	850.6	6.23	6.10	5.40	25.54	-20.3	-32.5	-38.0	0.13	0.42	-89.8	-117.8	-138.8	-156.1	8.5	-116.18
2.50	11.21	859.6	857.5	856.2	6.29	6.16	5.50	25.53	-20.2	-32.1	-36.7	0.11	0.46	-91.9	-117.5	-139.2	-157.1	10.0	-117.23
3.00	11.31	865.3	863.1	861.7	6.37	6.21	5.59	25.52	-20.0	-32.0	-35.8	0.07	0.50	-90.4	-118.2	-139.1	-155.7	20.8	-125.22
4.00	11.80	876.7	874.5	873.0	6.55	6.32	5.73	25.45	-19.7	-31.2	-33.9	0.01	0.54	-89.9	-119.1	-140.8	-156.7	35.5	-130.32
5.00	12.34	888.6	886.4	885.0	6.75	6.39	5.82	25.35	-19.5	-31.2	-32.6	0.09	0.50	-89.9	-119.4	-141.1	-156.1	60.7	-134.43
6.00	12.51	900.8	898.9	897.6	6.93	6.43	5.85	25.27	-19.4	-31.5	-31.3	0.04	0.34	-87.9	-117.1	-139.3	-156.6	86.7	-138.40
7.00	12.15	912.9	911.3	910.3	7.07	6.44	5.86	25.21	-19.4	-32.3	-30.5	0.14	0.19	-88.0	-115.2	-138.0	-155.0	100.0	-139.65
8.00	11.40	924.6	923.3	922.6	7.08	6.37	5.81	25.18	-19.9	-33.0	-30.7	0.40	0.31	-87.4	-115.7	-137.8	-155.6	148.1	-142.83
8.50	10.94	930.2	929.0	928.4	7.10	6.37	5.81	25.16	-20.1	-33.5	-30.6	0.55	0.42	-84.8	-115.2	-137.4	-157.8	177.0	-144.21
9.00	10.43	935.6	934.5	933.9	7.10	6.36	5.80	25.14	-20.5	-33.9	-30.7	0.69	0.51	-87.5	-115.2	-139.3	-155.3	211.6	-144.77
9.50	9.92	940.8	939.7	939.2	7.09	6.34	5.78	25.14	-20.9	-34.2	-30.8	0.82	0.60	-87.8	-115.3	-139.1	-155.7	302.4	-146.21
10.00	9.42	945.7	944.7	944.2	7.06	6.30	5.75	25.14	-21.2	-34.2	-31.3	0.95	0.67	-87.5	-114.6	-139.6	-157.8	361.5	-149.45
10.50	8.91	950.4	949.4	948.9	7.03	6.25	5.71	25.15	-21.6	-34.1	-31.5	1.06	0.71	-88.0	-115.3	-139.8	-156.0	507.5	-152.29
11.00	8.42	954.8	953.8	953.4	7.00	6.20	5.66	25.16	-22.0	-34.2	-31.9	1.15	0.74	-87.0	-115.0	-139.9	-155.2	606.7	-154.02
11.50	7.94	959.0	958.0	957.6	6.96	6.15	5.61	25.18	-22.7	-33.9	-32.8	1.22	0.75	-87.5	-114.6	-140.1	-156.4	851.6	-156.66
12.00	7.47	962.9	962.0	961.6	6.91	6.09	5.55	25.21	-23.2	-33.4	-33.6	1.28	0.76	-87.6	-114.7	-139.6	-156.1	1000.0	-156.64

\*at 25°C unless mentioned otherwise



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