

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (kHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
1.0	86.08	2841.73	2826.94	2822.08	6.06	5.83	5.24	-13.33	-31.08	-45.99	-2.30	1	-64
2.0	81.60	2922.43	2909.38	2906.11	6.39	6.18	5.58	-12.26	-32.60	-46.22	-1.66	10	-91
3.0	84.16	3004.22	2991.55	2988.67	6.53	6.38	5.69	-12.21	-26.53	-47.11	-0.38	100	-112
4.0	93.76	3088.64	3079.74	3075.33	6.63	6.25	5.52	-12.88	-23.02	-47.63	0.26	1000	-132
5.0	92.80	3184.83	3172.86	3167.17	6.66	6.26	5.45	-12.84	-26.44	-47.95	0.64		
6.0	94.72	3279.23	3267.20	3260.61	6.76	6.22	5.45	-12.90	-32.20	-45.82	1.41		
7.0	92.16	3373.38	3360.70	3351.30	6.76	6.04	5.30	-13.41	-42.90	-44.45	0.51		
8.0	87.04	3467.39	3449.73	3437.57	6.53	5.93	5.25	-14.14	-46.06	-43.80	-0.13		
9.0	81.60	3554.11	3533.50	3519.62	6.24	5.66	4.96	-14.42	-39.88	-43.23	-0.64		
10.0	77.44	3635.39	3613.31	3597.89	6.21	5.50	4.74	-15.64	-36.85	-44.23	-0.64		
11.0	72.64	3712.64	3689.09	3672.70	6.20	5.41	4.62	-18.23	-35.78	-46.76	-0.77		
12.0	70.72	3784.64	3760.77	3743.10	6.02	5.27	4.44	-22.59	-35.82	-52.87	-0.51		
13.0	64.32	3852.42	3828.10	3810.50	5.73	5.02	4.03	-26.93	-35.60	-53.89	-0.13		
14.0	59.20	3915.20	3891.20	3872.96	5.43	4.69	3.89	-31.96	-35.13	-53.75	0.13		
15.0	56.00	3973.18	3948.99	3930.75	5.15	4.46	3.45	-35.77	-36.65	-52.46	0.38		
16.0	49.60	4025.86	4002.24	3983.68	4.96	4.11	3.23	-36.33	-38.13	-51.15	0.64		
17.0	45.44	4074.11	4049.92	4031.68	4.61	3.93	2.93	-32.96	-39.70	-52.01	0.77		
18.0	41.60	4117.18	4093.76	4075.14	4.49	3.69	2.77	-30.33	-40.35	-53.29	1.02		
19.0	36.80	4156.48	4132.48	4114.43	4.31	3.43	2.54	-28.55	-41.47	-55.10	1.28		
20.0	33.60	4191.81	4167.74	4149.18	4.07	3.40	2.32	-28.17	-41.60	-54.98	1.54		