

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			
0.00	54.40	3614.98	3579.14	3552.13	8.32	7.26	6.12	-19.19	-37.36	-49.85	1.66	1	-69
1.00	46.40	3668.03	3629.57	3600.83	8.27	7.39	6.34	-19.92	-37.78	-48.11	1.79	10	-93
2.00	47.36	3717.44	3677.44	3647.10	8.52	7.46	6.35	-20.25	-36.72	-47.81	1.98	100	-113
3.00	53.76	3770.24	3728.96	3697.09	8.55	7.64	6.63	-21.64	-36.72	-45.52	2.11	1000	-133
4.00	60.80	3829.18	3787.07	3754.30	8.56	7.84	6.65	-23.13	-38.93	-46.10	2.05		
5.00	67.84	3894.14	3852.48	3819.33	8.96	8.01	7.06	-23.71	-43.12	-47.34	1.98		
6.00	71.04	3962.69	3921.66	3889.15	8.84	8.24	7.34	-25.74	-47.15	-47.18	1.60		
7.00	68.48	4031.55	3991.49	3960.06	8.68	8.38	7.38	-26.15	-51.19	-44.97	1.28		
8.00	66.24	4098.11	4059.39	4029.95	8.88	8.34	7.17	-27.20	-50.92	-51.11	1.15		
9.00	65.28	4161.41	4124.86	4098.50	9.28	8.68	7.39	-27.50	-50.73	-51.14	0.90		
10.00	62.72	4220.80	4188.42	4165.57	9.53	8.88	7.79	-29.32	-51.95	-49.65	0.64		
11.00	64.96	4278.98	4251.52	4231.81	9.18	8.75	7.27	-34.94	-51.24	-49.85	0.38		
12.00	66.88	4344.13	4317.95	4299.20	8.86	8.57	7.06	-36.38	-49.60	-50.62	0.64		
13.00	62.40	4408.77	4383.17	4365.76	8.82	8.45	6.80	-34.55	-50.73	-51.23	0.70		
14.00	62.72	4469.89	4445.76	4429.50	8.80	8.33	6.73	-34.06	-51.29	-50.95	0.83		
15.00	59.20	4528.38	4506.24	4490.94	8.65	8.32	6.53	-33.38	-50.35	-50.84	0.77		
16.00	56.64	4584.51	4564.16	4549.38	8.73	8.27	6.70	-32.76	-49.90	-51.18	0.77		
17.00	54.08	4637.57	4618.75	4604.48	8.44	8.22	6.77	-32.75	-49.24	-50.99	0.83		
18.00	50.56	4688.06	4669.89	4655.62	8.41	8.06	6.72	-31.69	-49.16	-50.32	0.90		
19.00	46.72	4734.78	4717.76	4703.17	8.07	7.90	6.81	-31.10	-49.59	-50.91	0.96		
20.00	42.56	4778.37	4761.79	4747.01	7.98	7.77	6.84	-31.29	-49.55	-51.03	1.02		