

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	52.48	2454.98	2446.72	2444.22	4.84	4.27	3.87	-18.52	-31.40	-37.82	-1.04	1	-78
1.00	44.80	2500.74	2493.57	2491.46	5.86	5.10	4.69	-20.04	-36.91	-45.58	-1.04	10	-105
2.00	43.52	2544.19	2536.58	2533.95	5.75	5.20	4.96	-23.42	-40.33	-44.59	-0.80	100	-125
3.00	41.60	2586.75	2578.30	2575.23	5.64	5.39	5.23	-25.27	-43.18	-38.61	-0.64	1000	-145
4.00	40.96	2628.48	2619.33	2616.00	5.84	5.76	5.63	-26.25	-42.08	-34.51	-0.56		
5.00	41.28	2669.89	2660.22	2656.70	6.26	6.22	6.13	-25.90	-40.81	-31.37	-0.48		
6.00	40.32	2711.17	2701.18	2697.41	6.95	6.90	6.83	-26.45	-38.17	-30.05	-0.40		
7.00	39.68	2752.51	2741.82	2737.98	7.18	7.26	6.67	-26.07	-34.80	-31.97	-0.32		
8.00	40.64	2793.86	2782.53	2778.43	8.29	8.63	8.42	-25.96	-32.92	-31.14	-0.40		
9.00	41.60	2835.46	2823.68	2819.26	9.23	9.25	9.27	-24.99	-31.58	-30.09	-0.32		
10.00	40.96	2876.80	2864.58	2860.10	8.89	9.54	9.14	-24.86	-31.19	-31.72	-0.32		
11.00	41.28	2917.76	2904.96	2900.42	9.57	8.61	8.82	-24.56	-30.14	-29.45	-0.32		
12.00	40.32	2957.70	2944.77	2940.10	10.31	10.49	9.97	-26.01	-29.84	-28.24	-0.48		
13.00	37.44	2995.58	2982.78	2978.11	9.90	9.71	10.15	-26.73	-28.48	-28.92	-0.72		
14.00	32.96	3030.53	3017.79	3013.25	9.94	9.54	10.12	-27.66	-28.71	-31.59	-1.04		
15.00	28.16	3061.50	3048.90	3044.35	9.15	9.54	8.92	-28.12	-28.20	-33.36	-1.28		
16.00	23.36	3087.87	3075.14	3070.46	10.67	10.43	10.53	-27.93	-27.26	-33.94	-1.36		
17.00	18.56	3109.12	3096.13	3091.33	11.51	10.80	11.16	-27.34	-26.92	-34.31	-1.12		
18.00	14.08	3125.44	3112.38	3107.65	11.00	10.47	10.00	-26.69	-26.24	-35.04	-0.88		
19.00	10.88	3138.30	3124.74	3119.81	10.80	11.32	10.48	-27.23	-27.19	-36.40	-0.56		
20.00	8.64	3147.78	3134.66	3129.60	10.07	9.85	10.06	-26.58	-26.68	-36.20	-0.40		