

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	16.78	2930.16	2925.58	2920.45	2.76	2.75	3.00	-20.48	-58.79	-50.23	0.75	1	-85
0.39	15.71	2936.35	2931.90	2926.86	2.85	2.86	3.10	-20.30	-58.52	-49.86	0.77	10	-110
0.78	15.57	2942.40	2937.97	2932.92	2.91	2.93	3.19	-20.12	-59.32	-49.33	0.77	100	-130
1.17	15.94	2948.55	2944.11	2938.99	3.00	3.00	3.27	-19.93	-59.57	-49.67	0.76	1000	-150
1.56	16.58	2954.93	2950.44	2945.24	3.06	3.05	3.31	-19.79	-60.55	-48.51	0.74		
1.95	17.27	2961.59	2957.05	2951.73	3.12	3.11	3.34	-19.69	-60.49	-47.44	0.72		
2.34	17.86	2968.51	2963.90	2958.48	3.14	3.14	3.38	-19.50	-60.22	-47.86	0.69		
2.73	18.23	2975.63	2970.95	2965.42	3.20	3.18	3.42	-19.27	-61.84	-47.29	0.66		
3.12	18.41	2982.88	2978.10	2972.46	3.18	3.19	3.40	-19.15	-61.34	-47.34	0.63		
3.51	18.46	2990.16	2985.29	2979.54	3.15	3.19	3.43	-19.04	-62.02	-47.22	0.60		
3.90	18.40	2997.44	2992.48	2986.62	3.14	3.18	3.45	-18.84	-61.40	-46.70	0.55		
4.29	18.20	3004.66	2999.62	2993.67	3.15	3.16	3.41	-18.74	-59.68	-46.40	0.43		
4.68	17.80	3011.76	3006.65	3000.64	3.15	3.13	3.36	-18.67	-64.04	-46.31	0.23		
5.07	17.15	3018.63	3013.48	3007.43	3.10	3.09	3.29	-18.67	-62.36	-46.31	-0.06		
5.46	16.25	3025.19	3020.00	3013.94	3.06	3.05	3.25	-18.70	-64.82	-46.36	-0.36		
5.85	15.11	3031.35	3026.12	3020.05	3.01	3.00	3.21	-18.82	-64.28	-46.51	-0.61		
6.24	13.78	3037.03	3031.76	3025.67	3.00	2.97	3.17	-18.71	-64.43	-47.04	-0.75		
6.63	12.28	3042.16	3036.85	3030.72	2.96	2.91	3.08	-18.80	-62.22	-47.38	-0.73		
7.02	10.71	3046.69	3041.33	3035.15	2.92	2.88	3.03	-18.90	-63.44	-47.77	-0.57		
7.41	9.32	3050.61	3045.2	3038.98	2.88	2.83	2.99	-18.89	-64.88	-47.47	-0.30		