

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	38.34	1884.03	1876.09	1868.78	1.09	0.95	0.43	-16.73	-20.18	-33.28	1.14	1	-80
1.00	31.20	1916.72	1909.59	1903.15	1.13	0.93	0.42	-17.42	-20.13	-30.52	1.21	10	-105
2.00	32.90	1948.52	1941.21	1934.73	0.98	0.87	0.44	-17.67	-20.44	-29.41	1.22	100	-125
3.00	36.45	1983.52	1975.90	1969.18	1.00	0.83	0.40	-18.07	-20.09	-27.81	1.20	1000	-145
4.00	39.84	2022.04	2014.03	2007.04	0.83	0.76	0.44	-19.19	-20.32	-27.59	1.13		
5.00	40.36	2062.29	2054.23	2047.22	0.86	0.70	0.27	-20.01	-19.82	-35.05	0.99		
6.00	39.48	2102.41	2094.41	2087.41	0.76	0.67	0.36	-20.82	-19.74	-26.92	0.87		
7.00	38.41	2141.06	2133.11	2126.16	0.66	0.64	0.35	-21.64	-19.84	-26.09	0.78		
8.00	36.46	2178.27	2170.56	2163.71	0.80	0.67	0.37	-22.28	-20.33	-27.60	0.74		
9.00	35.53	2214.32	2206.58	2199.67	0.68	0.64	0.37	-23.45	-20.42	-29.19	0.71		
10.00	34.00	2248.81	2241.24	2234.44	0.74	0.64	0.32	-24.10	-20.11	-32.37	0.66		
11.00	32.96	2282.31	2274.77	2267.93	0.64	0.65	0.42	-24.48	-20.75	-32.17	0.61		
12.00	31.45	2314.40	2307.01	2300.30	0.67	0.62	0.36	-24.84	-21.18	-33.66	0.55		
13.00	30.89	2345.65	2338.28	2331.52	0.54	0.58	0.44	-25.15	-21.32	-35.08	0.46		
14.00	29.18	2375.48	2368.13	2361.49	0.67	0.54	0.26	-30.66	-22.42	-38.02	0.38		
15.00	28.22	2404.30	2396.93	2390.21	0.48	0.45	0.24	-22.05	-24.65	-37.28	0.31		
16.00	26.86	2431.87	2424.52	2417.84	0.45	0.37	0.14	-21.26	-26.81	-35.78	0.22		
17.00	25.88	2458.42	2450.90	2444.07	0.30	0.29	0.07	-20.70	-28.67	-35.95	0.11		
18.00	24.18	2483.59	2476.06	2469.16	0.27	0.24	0.10	-19.85	-26.97	-34.48	0.00		
19.00	22.31	2506.98	2499.33	2492.40	0.22	0.16	-0.06	-19.45	-24.44	-33.36	0.18		
20.00	20.40	2528.58	2520.77	2513.69	0.11	0.13	-0.03	-19.27	-23.24	-31.81	0.35		