

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			
0.25	30.28	2157.62	2142.92	2132.87	4.52	5.32	5.31	-20.31	-30.47	-37.26	2.68	1	-79
0.50	28.44	2164.54	2150.03	2139.97	4.41	5.24	5.24	-20.66	-29.87	-37.86	2.70	10	-101
0.75	27.64	2171.37	2156.94	2146.82	4.31	5.15	5.18	-20.68	-29.85	-37.60	2.64	100	-121
1.00	27.20	2178.05	2163.74	2153.53	4.20	5.00	5.03	-20.75	-29.79	-38.44	2.60	1000	-141
1.25	27.16	2184.83	2170.53	2160.24	4.14	4.90	4.93	-21.02	-29.43	-38.12	2.60		
1.50	27.68	2191.73	2177.45	2167.05	4.09	4.82	4.82	-20.99	-29.13	-38.29	2.52		
1.75	28.08	2198.76	2184.47	2173.99	4.07	4.72	4.68	-21.20	-28.83	-39.28	2.52		
2.00	28.92	2205.97	2191.70	2181.14	4.08	4.67	4.60	-21.21	-28.57	-38.71	2.50		
2.25	29.44	2213.37	2199.06	2188.42	4.12	4.65	4.50	-21.30	-28.37	-39.34	2.46		
2.50	30.28	2220.90	2206.63	2195.91	4.16	4.64	4.48	-21.34	-28.13	-39.92	2.42		
2.75	31.32	2228.74	2214.46	2203.66	4.25	4.66	4.46	-21.42	-27.76	-39.29	2.38		
3.00	32.44	2236.74	2222.57	2211.66	4.26	4.73	4.47	-21.53	-27.30	-40.23	2.38		
3.25	33.28	2244.96	2230.89	2219.86	4.34	4.76	4.52	-21.85	-27.26	-41.54	2.38		
3.50	34.28	2253.54	2239.46	2228.33	4.41	4.84	4.59	-22.17	-27.22	-41.01	2.32		
3.75	34.92	2262.38	2248.19	2236.93	4.44	4.95	4.61	-22.46	-26.81	-40.83	2.28		
4.00	35.24	2271.37	2257.00	2245.68	4.52	5.00	4.70	-22.61	-26.53	-40.74	2.28		
4.25	35.44	2280.33	2265.86	2254.43	4.56	5.09	4.81	-22.80	-26.27	-41.04	2.26		
4.50	35.88	2289.36	2274.83	2263.37	4.54	5.15	4.90	-23.13	-26.19	-41.06	2.20		
4.75	36.00	2298.30	2283.83	2272.30	4.51	5.17	4.93	-23.24	-26.29	-41.35	2.20		
5.00	35.92	2307.26	2292.81	2281.27	4.48	5.13	4.96	-23.49	-26.27	-40.87	2.16		
5.25	35.68	2316.03	2301.73	2290.19	4.39	5.11	4.92	-23.48	-26.19	-41.86	2.08		
5.50	35.12	2324.87	2310.51	2298.97	4.30	5.04	4.89	-23.53	-26.47	-42.06	2.04		
5.75	35.04	2333.59	2319.27	2307.76	4.16	4.94	4.81	-23.35	-26.58	-41.88	2.08		
6.00	34.44	2342.13	2327.88	2316.36	4.06	4.82	4.77	-23.28	-26.42	-42.29	2.04		
6.25	34.24	2350.65	2336.44	2324.96	3.89	4.74	4.66	-23.21	-26.63	-42.40	1.96		
6.50	33.80	2359.04	2344.89	2333.41	3.71	4.58	4.51	-22.84	-26.80	-42.59	1.98		
6.75	33.56	2367.43	2353.28	2341.83	3.61	4.39	4.42	-22.74	-27.47	-42.24	1.98		
7.00	33.36	2375.70	2361.62	2350.17	3.53	4.28	4.23	-22.63	-27.96	-43.07	1.98		
7.25	33.20	2383.92	2369.92	2358.44	3.56	4.17	4.07	-22.40	-27.92	-43.21	1.98		
7.50	32.60	2391.98	2378.07	2366.62	3.58	4.13	3.95	-22.35	-27.95	-43.88	1.92		
7.75	32.24	2399.86	2386.13	2374.71	3.68	4.15	3.88	-22.01	-27.59	-43.01	1.92		
8.00	32.16	2407.89	2394.17	2382.78	3.81	4.23	3.89	-21.78	-27.77	-42.46	1.92		
8.25	31.88	2415.78	2402.14	2390.75	3.88	4.30	3.94	-21.62	-27.44	-42.24	1.86		
8.50	31.28	2423.57	2409.96	2398.63	3.95	4.40	4.04	-21.58	-27.50	-42.26	1.92		
8.75	31.32	2431.30	2417.79	2406.46	4.00	4.52	4.10	-21.35	-27.67	-41.75	1.92		
9.00	30.92	2438.98	2425.52	2414.19	4.09	4.57	4.22	-21.31	-27.39	-41.46	1.86		
9.25	30.68	2446.62	2433.19	2421.89	4.11	4.64	4.27	-21.11	-27.34	-42.75	1.86		
9.50	30.20	2454.14	2440.74	2429.45	4.20	4.69	4.35	-20.71	-27.15	-42.42	1.88		
9.75	30.36	2461.70	2448.33	2437.03	4.20	4.79	4.39	-20.74	-27.43	-42.37	1.86		
10.00	30.08	2469.18	2455.85	2444.55	4.24	4.81	4.48	-20.60	-27.27	-42.16	1.82		