

## 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			
0.0	149.95	1374.84	1365.78	1355.10	5.94	5.50	5.10	-20.24	-31.76	-43.56	-0.04	1	-70
0.5	127.03	1447.55	1435.26	1421.42	5.91	5.49	5.20	-18.83	-34.66	-44.81	0.36	10	-95
1.0	115.47	1510.24	1495.45	1478.90	5.84	5.46	5.14	-17.94	-37.04	-46.46	0.52	100	-115
1.5	109.74	1568.53	1551.48	1532.61	5.80	5.44	5.19	-17.65	-39.59	-49.10	0.64	1000	-135
2.0	107.99	1625.20	1605.83	1584.67	5.76	5.42	5.24	-17.52	-41.34	-49.58	0.72		
2.5	107.61	1681.13	1659.68	1636.51	5.76	5.41	5.20	-17.55	-42.45	-48.41	0.84		
3.0	108.32	1737.08	1713.58	1688.86	5.76	5.44	5.15	-18.06	-43.24	-48.18	1.01		
3.5	110.17	1793.31	1768.13	1742.09	5.71	5.42	5.17	-18.83	-43.31	-47.94	1.25		
4.0	111.81	1850.12	1823.78	1796.34	5.69	5.43	5.17	-20.14	-43.81	-40.28	1.54		
4.5	111.60	1906.29	1879.63	1851.62	5.80	5.43	5.23	-21.65	-44.08	-38.07	1.79		
5.0	109.68	1961.52	1935.07	1906.92	5.79	5.47	5.28	-23.54	-43.76	-37.24	1.95		
5.5	107.24	2015.48	1989.29	1961.43	5.83	5.50	5.34	-25.67	-43.13	-35.23	1.98		
6.0	105.05	2068.39	2042.38	2014.69	5.83	5.52	5.30	-28.32	-42.03	-32.19	1.90		
6.5	101.40	2119.58	2094.01	2066.64	5.87	5.57	5.34	-31.08	-40.11	-29.32	1.90		
7.0	97.49	2168.98	2143.69	2116.91	5.94	5.58	5.32	-33.48	-38.48	-28.55	1.98		
7.5	93.99	2216.73	2191.50	2165.30	6.03	5.66	5.46	-35.49	-37.93	-29.06	2.08		
8.0	90.86	2262.68	2237.54	2211.89	6.06	5.70	5.52	-36.90	-37.60	-26.45	2.18		
8.5	88.52	2307.67	2282.47	2256.84	6.07	5.69	5.50	-38.34	-38.24	-24.87	2.27		
9.0	84.94	2350.85	2325.85	2300.57	6.03	5.67	5.45	-39.93	-37.92	-26.26	2.37		
9.5	81.72	2392.20	2367.53	2342.83	5.99	5.67	5.48	-40.52	-35.74	-28.06	2.48		
10.0	78.67	2431.93	2407.65	2383.58	5.99	5.64	5.48	-40.57	-32.90	-30.85	2.56		
10.5	75.83	2470.06	2446.31	2422.88	5.93	5.58	5.38	-40.15	-31.25	-35.46	2.62		
11.0	74.31	2507.05	2483.77	2460.85	5.82	5.52	5.40	-39.07	-30.73	-37.83	2.71		
11.5	74.00	2544.73	2520.94	2497.92	5.80	5.47	5.32	-38.31	-31.36	-38.48	2.83		
12.0	69.35	2580.09	2556.73	2534.13	5.75	5.42	5.27	-37.61	-31.48	-39.39	2.74		
12.5	65.95	2613.47	2590.64	2568.53	5.74	5.38	5.24	-37.00	-31.46	-40.62	2.68		
13.0	63.57	2645.58	2623.02	2601.29	5.58	5.31	5.17	-36.34	-31.19	-42.46	2.70		
13.5	60.92	2676.63	2654.13	2632.64	5.53	5.24	5.12	-36.22	-29.93	-46.46	2.77		
14.0	58.40	2706.06	2683.91	2662.53	5.44	5.17	5.05	-36.34	-28.10	-50.61	2.85		