

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	97.19	948.67	929.98	910.98	5.53	5.60	5.32	-13.70	-23.74	-41.47	1.41	1	-75
1.00	92.96	1042.48	1024.54	1008.30	6.32	6.28	5.83	-11.92	-24.70	-33.45	0.62	10	-100
2.00	88.71	1129.54	1112.52	1099.04	6.73	6.44	5.95	-12.35	-30.95	-28.83	-1.06	100	-120
3.00	89.81	1218.10	1202.75	1191.52	6.75	6.36	5.69	-12.56	-25.32	-28.02	-2.23	1000	-140
4.00	88.62	1306.13	1292.31	1281.98	6.61	6.21	5.59	-13.58	-21.29	-28.98	-2.69		
5.00	84.62	1392.24	1379.36	1369.58	6.48	6.10	5.44	-14.79	-19.60	-30.95	-3.20		
6.00	81.54	1475.70	1462.91	1453.60	6.43	6.07	5.48	-15.67	-18.96	-31.18	-3.70		
7.00	78.35	1555.33	1542.71	1534.47	6.41	6.02	5.42	-16.93	-18.87	-28.38	-3.22		
8.00	83.02	1634.50	1623.00	1615.51	6.23	5.70	4.91	-19.81	-21.74	-33.61	-0.96		
9.00	79.88	1718.36	1704.92	1695.64	5.71	5.26	4.60	-28.03	-21.13	-44.90	-0.85		
10.00	76.24	1796.72	1782.58	1772.86	5.56	5.19	4.56	-32.08	-21.55	-49.55	-1.94		
11.00	72.16	1870.70	1856.33	1847.02	5.46	5.11	4.40	-33.20	-23.21	-49.74	-3.20		
12.00	67.53	1940.54	1926.16	1917.15	5.35	4.95	4.26	-30.95	-24.07	-50.07	-4.05		
13.00	62.56	2005.84	1991.37	1982.19	5.16	4.79	4.00	-27.46	-24.06	-53.35	-4.26		
14.00	57.06	2066.32	2051.04	2041.79	5.04	4.59	3.79	-25.60	-22.57	-51.29	-3.93		
15.00	52.07	2121.02	2105.23	2095.60	4.87	4.53	3.65	-24.94	-22.26	-43.57	-3.20		
16.00	46.91	2170.45	2154.39	2143.96	4.82	4.37	3.40	-24.40	-23.92	-41.51	-2.43		
17.00	41.30	2214.93	2198.05	2187.36	4.71	4.33	3.38	-24.37	-27.29	-41.91	-1.78		
18.00	37.69	2255.23	2237.67	2226.41	4.67	4.30	3.37	-23.85	-29.68	-42.01	-1.15		
19.00	34.07	2291.22	2273.05	2261.16	4.70	4.36	3.46	-23.65	-29.60	-43.68	-0.67		
20.00	29.80	2323.56	2304.98	2292.17	4.71	4.46	3.56	-23.77	-30.39	-44.48	-0.26		
21.00	27.34	2352.36	2333.45	2319.55	4.78	4.51	3.77	-24.15	-30.64	-45.04	-0.06		
22.00	23.69	2378.19	2357.90	2343.83	4.85	4.63	3.87	-24.08	-31.86	-45.36	0.25		
23.00	19.59	2400.05	2380.04	2364.95	4.94	4.68	4.09	-24.61	-33.97	-45.70	0.51		
24.00	18.96	2420.15	2398.84	2383.39	5.02	4.75	4.13	-24.46	-34.27	-46.82	0.64		
25.00	15.36	2437.24	2416.51	2399.77	4.91	4.83	4.19	-25.20	-34.03	-47.62	0.66		
26.00	14.22	2453.40	2431.09	2415.01	5.00	4.89	4.36	-25.30	-35.96	-46.64	0.90		
27.00	13.75	2466.82	2445.18	2427.52	5.04	4.89	4.37	-25.15	-34.65	-47.78	1.15		