

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	41.02	1199.17	1191.04	1190.72	8.99	8.01	7.19	-10.15	-24.46	-33.09	-0.56	1	-82
1.00	34.06	1235.98	1228.38	1228.42	7.85	7.12	6.57	-11.84	-23.65	-33.61	-0.23	10	-107
2.00	35.60	1272.35	1263.44	1263.27	7.23	6.50	6.07	-13.49	-22.42	-33.25	-0.08	100	-127
3.00	38.06	1310.52	1300.54	1300.09	6.76	6.16	5.76	-15.73	-21.53	-31.46	-0.10	1000	-147
4.00	38.88	1350.01	1339.58	1338.90	6.28	5.85	5.49	-18.06	-20.98	-30.65	-0.24		
5.00	38.11	1389.52	1378.56	1377.88	5.92	5.63	5.30	-21.17	-20.56	-30.57	-0.48		
6.00	36.65	1427.53	1416.28	1415.39	5.48	5.51	5.18	-24.39	-20.57	-30.62	-0.64		
7.00	34.62	1463.69	1452.07	1450.62	5.28	5.37	5.08	-24.25	-20.41	-29.57	-0.69		
8.00	32.66	1497.43	1485.98	1484.14	5.14	5.34	5.07	-21.27	-20.12	-28.50	-0.64		
9.00	31.23	1528.86	1518.09	1516.74	5.15	5.32	5.07	-18.93	-20.30	-27.85	-0.57		
10.00	30.25	1559.72	1548.56	1548.06	5.29	5.47	5.22	-18.38	-20.43	-27.67	-0.56		
11.00	28.80	1589.70	1577.60	1576.83	5.58	5.65	5.33	-18.29	-20.97	-28.59	-0.48		
12.00	27.05	1617.38	1605.39	1603.98	5.57	5.64	5.36	-19.86	-22.00	-30.16	-0.48		
13.00	25.60	1643.46	1632.26	1631.59	5.58	5.63	5.34	-21.08	-22.27	-30.84	-0.56		
14.00	25.39	1670.05	1657.92	1657.14	5.63	5.54	5.27	-23.51	-22.72	-31.59	-0.62		
15.00	24.22	1694.42	1682.71	1681.48	5.59	5.59	5.21	-25.48	-23.32	-32.77	-0.59		
16.00	23.43	1718.45	1706.51	1706.00	5.66	5.57	5.19	-28.48	-23.25	-33.43	-0.60		
17.00	22.40	1741.78	1729.17	1727.95	5.56	5.54	5.18	-29.98	-22.61	-35.60	-0.64		
18.00	20.87	1763.09	1751.16	1750.59	5.67	5.54	5.19	-34.34	-22.92	-35.71	-0.72		
19.00	20.28	1784.46	1771.61	1770.46	5.67	5.50	5.16	-34.60	-22.35	-35.18	-0.86		
20.00	18.67	1803.42	1791.17	1790.55	5.66	5.56	5.20	-39.69	-22.64	-34.40	-0.96		
21.00	17.19	1822.09	1809.24	1807.96	5.63	5.48	5.16	-35.65	-22.96	-34.13	-0.97		
22.00	16.00	1839.04	1825.98	1825.34	5.69	5.49	5.18	-34.78	-23.15	-35.20	-1.20		