

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	41.00	1237.27	1230.21	1225.18	7.36	6.84	6.33	-17.48	-26.99	-40.58	0.62	1	-80
1.00	34.96	1273.44	1266.73	1261.79	6.95	6.66	6.24	-18.38	-25.50	-39.40	0.23	10	-105
2.00	37.02	1309.55	1302.44	1297.09	6.64	6.50	6.07	-19.29	-26.06	-38.61	0.10	100	-125
3.00	38.90	1348.15	1340.53	1334.67	6.39	6.29	5.97	-20.60	-23.53	-38.12	0.16	1000	-145
4.00	38.93	1387.57	1379.60	1373.35	6.10	6.15	5.88	-22.01	-22.75	-37.32	0.32		
5.00	37.53	1426.10	1417.94	1411.37	6.02	6.06	5.82	-23.39	-22.82	-35.76	0.41		
6.00	35.24	1462.54	1454.23	1447.42	5.96	6.05	5.83	-23.43	-22.08	-35.25	0.38		
7.00	33.14	1496.77	1488.36	1481.31	5.88	5.97	5.72	-22.78	-21.68	-34.75	0.34		
8.00	31.81	1529.40	1520.81	1513.45	5.83	5.97	5.78	-20.62	-21.55	-34.91	0.30		
9.00	30.54	1560.75	1551.94	1544.27	5.78	5.97	5.73	-18.81	-21.35	-34.50	0.31		
10.00	29.57	1591.03	1581.96	1573.96	5.86	6.08	5.88	-16.88	-21.28	-34.64	0.42		
11.00	27.98	1620.00	1610.72	1602.53	6.09	6.22	5.93	-15.54	-21.47	-34.96	0.63		
12.00	26.79	1647.34	1638.08	1629.86	6.23	6.35	6.09	-15.77	-21.77	-36.44	0.72		
13.00	26.09	1673.52	1664.48	1656.27	6.48	6.44	6.09	-17.36	-22.36	-38.74	0.62		
14.00	25.24	1699.04	1690.14	1681.83	6.35	6.42	6.09	-18.93	-22.44	-41.34	0.53		
15.00	24.48	1723.89	1714.99	1706.48	6.40	6.44	6.14	-20.66	-22.92	-43.55	0.45		
16.00	23.42	1747.85	1738.90	1730.19	6.35	6.40	6.07	-21.96	-22.78	-44.15	0.41		
17.00	22.16	1770.71	1761.69	1752.76	6.29	6.41	6.18	-22.56	-22.94	-44.16	0.44		
18.00	20.95	1792.35	1783.21	1774.07	6.36	6.42	6.19	-22.73	-22.80	-44.46	0.53		
19.00	19.44	1812.70	1803.41	1794.04	6.30	6.40	6.13	-22.69	-22.70	-44.34	0.68		
20.00	19.03	1831.52	1822.01	1812.42	6.31	6.45	6.24	-22.42	-22.82	-44.40	0.87		