

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	136.64	897.47	882.69	865.09	12.03	11.60	11.31	-17.00	-14.53	-24.64	0.19	1	-73
0.5	116.16	960.64	946.88	930.37	11.73	11.71	11.12	-20.60	-15.21	-26.73	0.26	10	-100
1.0	103.04	1014.78	1001.28	984.64	10.73	11.13	10.66	-23.84	-14.28	-29.40	0.26	100	-121
1.5	96.96	1064.64	1050.88	1034.11	10.99	10.69	10.92	-24.64	-12.28	-29.57	0.32	1000	-143
2.0	93.44	1112.51	1098.50	1081.41	11.28	11.10	10.96	-23.53	-12.37	-27.53	0.32		
2.5	92.16	1159.23	1144.90	1127.36	11.06	11.43	11.17	-22.66	-13.11	-24.18	0.38		
3.0	91.20	1205.12	1190.53	1172.61	10.32	10.89	10.67	-23.15	-13.59	-22.01	0.32		
3.5	88.96	1250.37	1235.58	1217.22	11.04	10.08	9.86	-22.69	-14.11	-21.29	0.26		
4.0	87.68	1294.98	1280.00	1260.99	11.60	11.74	11.94	-23.62	-16.25	-22.98	0.26		
4.5	86.72	1338.88	1323.65	1304.00	11.32	11.10	11.76	-23.81	-17.62	-25.44	0.26		
5.0	84.48	1381.50	1366.40	1346.24	10.95	10.08	10.96	-27.58	-19.78	-27.77	0.06		
5.5	82.88	1423.30	1408.26	1387.65	10.54	10.12	10.27	-46.23	-20.11	-26.47	0.06		
6.0	81.60	1464.32	1449.41	1428.35	11.94	11.85	10.76	-34.28	-20.34	-27.41	0.00		
6.5	80.32	1504.77	1489.86	1468.61	11.39	11.41	11.96	-24.83	-18.12	-27.20	0.00		
7.0	78.72	1544.32	1529.60	1508.10	10.79	11.68	10.45	-22.72	-18.19	-30.25	-0.06		
7.5	77.12	1582.98	1568.32	1546.94	12.26	11.89	11.73	-20.84	-16.57	-29.61	-0.19		
8.0	76.16	1621.25	1606.72	1585.02	11.78	11.91	12.10	-20.04	-16.07	-30.68	-0.13		
8.5	74.88	1658.88	1644.48	1622.78	11.75	11.71	11.83	-20.44	-16.38	-32.21	-0.13		
9.0	73.60	1695.94	1681.60	1660.03	11.43	11.10	11.44	-20.83	-17.40	-33.47	-0.26		
9.5	73.28	1732.54	1718.34	1696.83	12.73	11.77	12.37	-20.70	-19.78	-33.19	-0.26		
10.0	71.68	1768.38	1754.56	1733.06	12.67	11.62	12.53	-20.79	-23.01	-33.76	-0.19		
10.5	70.08	1803.58	1790.02	1768.83	10.72	11.21	10.82	-21.55	-26.37	-36.31	-0.32		
11.0	69.12	1838.02	1824.77	1803.84	11.18	10.98	10.66	-23.04	-28.93	-38.92	-0.26		
11.5	66.88	1871.68	1858.82	1837.82	10.82	11.24	10.61	-25.27	-30.34	-42.38	-0.38		
12.0	65.28	1904.64	1891.97	1870.98	11.20	11.32	10.54	-28.17	-31.40	-48.93	-0.32		
12.5	63.68	1936.58	1924.16	1903.10	10.06	10.85	10.09	-29.67	-32.56	-64.82	-0.32		
13.0	61.12	1967.68	1955.39	1934.14	10.01	10.42	9.48	-32.13	-33.33	-55.20	-0.38		
13.5	59.52	1997.76	1985.66	1964.22	10.46	10.25	9.43	-33.81	-34.64	-51.06	-0.38		
14.0	56.96	2026.69	2014.78	1993.28	9.88	10.01	9.24	-35.76	-35.90	-49.35	-0.38		
14.5	55.04	2054.66	2042.94	2021.18	9.79	9.73	8.98	-35.82	-36.45	-50.02	-0.26		
15.0	53.12	2081.54	2070.08	2048.13	9.48	9.45	8.46	-35.74	-36.01	-50.11	-0.26		
15.5	50.88	2107.39	2096.06	2073.98	9.25	9.10	8.47	-34.96	-35.81	-48.60	-0.26		
16.0	49.28	2132.35	2121.15	2098.88	8.88	8.75	7.99	-34.18	-35.66	-45.57	-0.32		
16.5	47.04	2156.29	2145.34	2122.88	8.53	8.41	7.68	-33.87	-35.62	-44.43	-0.19		
17.0	45.76	2179.46	2168.58	2145.92	8.25	8.06	7.42	-33.35	-35.93	-44.04	-0.26		
17.5	44.16	2201.79	2191.10	2168.06	7.87	7.69	7.04	-33.24	-36.30	-44.25	-0.13		
18.0	42.88	2223.30	2212.74	2189.63	7.52	7.30	6.66	-33.25	-36.89	-44.78	-0.19		
18.5	41.28	2244.22	2233.79	2210.37	7.25	6.88	6.28	-33.08	-36.95	-44.34	-0.13		
19.0	40.32	2264.45	2254.14	2230.46	6.79	6.44	5.67	-33.38	-37.57	-44.38	-0.19		
19.5	38.72	2284.03	2273.92	2249.98	6.36	5.89	5.24	-33.56	-38.28	-45.26	-0.19		
20.0	38.40	2302.98	2293.18	2268.93	5.97	5.24	4.54	-34.46	-39.49	-47.42	-0.19		