

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	60.09	1438.40	1426.24	1416.70	6.02	5.45	4.30	-41.50	-23.17	-27.74	-0.08	1	-78
0.5	52.23	1465.96	1454.41	1445.22	6.08	5.44	4.62	-39.78	-21.79	-27.54	0.04	10	-102
1.0	48.99	1491.17	1479.59	1470.31	6.03	5.46	4.81	-35.43	-20.89	-27.99	0.07	100	-122
1.5	47.88	1515.35	1503.64	1494.12	6.07	5.48	4.90	-33.26	-20.18	-28.43	0.08	1000	-142
2.0	47.29	1539.32	1527.35	1517.47	6.07	5.49	5.02	-32.28	-19.26	-28.86	0.10		
2.5	47.57	1563.26	1550.98	1540.95	6.11	5.51	5.08	-31.77	-18.83	-29.57	0.22		
3.0	48.12	1587.50	1574.83	1564.42	6.09	5.53	5.09	-31.67	-18.06	-30.03	0.16		
3.5	47.68	1611.80	1598.88	1588.20	6.11	5.55	5.17	-31.24	-17.54	-30.71	0.17		
4.0	48.51	1636.39	1623.09	1612.08	6.12	5.58	5.25	-30.56	-17.02	-31.51	0.16		
4.5	48.71	1660.99	1647.36	1636.16	6.16	5.61	5.28	-29.56	-16.59	-32.50	0.24		
5.0	48.51	1685.65	1671.67	1660.11	6.20	5.65	5.41	-28.47	-16.45	-33.42	0.16		
5.5	48.32	1710.31	1695.91	1684.07	6.23	5.72	5.42	-27.41	-16.02	-34.15	0.09		
6.0	48.24	1734.89	1719.96	1707.86	6.30	5.78	5.56	-26.46	-16.05	-33.93	0.16		
6.5	47.21	1759.00	1743.85	1731.51	6.36	5.83	5.53	-25.57	-16.70	-33.88	0.08		
7.0	47.37	1783.11	1767.56	1755.03	6.36	5.86	5.63	-24.57	-17.46	-34.53	0.08		
7.5	47.64	1807.15	1791.38	1778.65	6.43	5.90	5.64	-23.93	-18.20	-36.32	0.08		
8.0	47.68	1831.39	1815.27	1802.28	6.47	5.94	5.72	-23.02	-18.50	-38.52	0.07		
8.5	48.20	1855.82	1839.35	1825.91	6.48	5.99	5.73	-22.19	-18.41	-40.25	0.08		
9.0	47.29	1880.19	1863.17	1849.54	6.59	6.03	5.81	-21.57	-18.20	-41.77	0.08		
9.5	47.45	1904.50	1887.02	1872.87	6.62	6.08	5.84	-20.83	-17.92	-42.82	0.04		
10.0	46.58	1928.61	1910.54	1896.14	6.72	6.17	5.98	-20.24	-17.61	-41.60	0.08		
10.5	46.34	1952.32	1933.85	1918.95	6.71	6.25	6.03	-19.72	-17.64	-39.07	0.05		
11.0	45.00	1975.44	1956.67	1941.49	6.82	6.31	6.15	-19.26	-17.49	-37.29	0.10		
11.5	43.73	1998.16	1978.70	1963.32	6.83	6.38	6.12	-18.91	-17.79	-35.89	0.08		
12.0	42.43	2020.03	2000.26	1984.41	6.96	6.43	6.30	-18.44	-17.95	-34.81	0.16		
12.5	39.82	2041.24	2020.79	2004.90	6.97	6.49	6.24	-18.15	-18.10	-33.90	0.23		
13.0	39.31	2061.31	2040.70	2024.19	6.98	6.54	6.35	-17.82	-18.44	-33.26	0.36		
13.5	36.27	2080.26	2059.52	2042.82	7.05	6.56	6.43	-17.45	-18.68	-32.86	0.32		
14.0	34.49	2098.55	2077.10	2060.33	7.00	6.60	6.39	-17.23	-19.14	-33.47	0.44		
14.5	32.36	2115.72	2094.02	2076.74	7.08	6.63	6.51	-16.87	-19.09	-33.11	0.56		
15.0	30.70	2131.97	2109.85	2092.37	7.08	6.65	6.49	-16.70	-19.27	-33.13	0.67		
15.5	28.80	2147.22	2124.79	2107.00	7.08	6.67	6.49	-16.61	-19.50	-33.27	0.78		
16.0	27.02	2161.44	2138.80	2120.68	7.10	6.67	6.51	-16.38	-19.78	-33.38	0.80		
16.5	25.36	2174.53	2152.04	2133.48	7.09	6.66	6.52	-16.25	-20.14	-33.48	0.96		
17.0	22.83	2186.96	2164.12	2145.56	7.07	6.66	6.50	-16.15	-20.35	-33.53	0.97		
17.5	21.33	2198.61	2175.13	2156.76	7.04	6.64	6.48	-16.13	-20.70	-33.76	1.12		
18.0	20.27	2209.09	2185.47	2166.91	7.03	6.62	6.49	-15.96	-20.98	-33.91	1.20		