

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	24.80	1639.81	1632.90	1629.38	2.35	3.03	3.15	-26.46	-22.43	-28.77	-1.08	1	-85
0.2	22.40	1642.62	1637.70	1634.50	2.41	3.09	3.20	-26.40	-22.39	-28.72	-0.81	10	-112
0.4	20.80	1646.85	1642.11	1638.98	2.44	3.13	3.24	-26.27	-22.43	-29.25	-0.54	100	-134
0.6	20.80	1650.82	1646.27	1643.20	2.48	3.17	3.29	-26.14	-22.45	-28.94	-0.54	1000	-154
0.8	20.00	1654.78	1650.24	1647.23	2.52	3.21	3.31	-26.06	-22.46	-29.00	-0.54		
1.0	19.20	1658.62	1654.14	1651.14	2.55	3.24	3.34	-25.99	-22.38	-29.30	-0.40		
1.2	18.40	1662.40	1657.92	1654.91	2.59	3.27	3.37	-25.96	-22.29	-29.33	-0.27		
1.4	18.40	1666.18	1661.70	1658.62	2.62	3.29	3.39	-25.89	-22.35	-29.09	-0.40		
1.6	17.60	1669.89	1665.41	1662.40	2.66	3.32	3.42	-25.84	-22.48	-29.00	-0.40		
1.8	18.40	1673.66	1669.12	1666.11	2.69	3.34	3.43	-25.71	-22.45	-29.15	-0.40		
2.0	18.40	1677.38	1672.90	1669.76	2.72	3.37	3.46	-25.52	-22.40	-29.17	-0.27		
2.2	17.60	1681.15	1676.61	1673.54	2.75	3.40	3.47	-25.34	-22.46	-29.10	-0.27		
2.4	18.40	1684.93	1680.32	1677.18	2.77	3.42	3.49	-25.28	-22.54	-29.11	-0.27		
2.6	18.40	1688.64	1684.10	1680.96	2.79	3.45	3.52	-25.18	-22.59	-29.16	-0.40		
2.8	19.20	1692.42	1687.81	1684.61	2.82	3.47	3.54	-25.10	-22.72	-29.02	-0.40		
3.0	17.60	1696.13	1691.52	1688.32	2.84	3.49	3.57	-25.01	-22.55	-29.79	-0.27		
3.2	18.40	1699.84	1695.17	1691.97	2.85	3.51	3.58	-24.97	-22.63	-29.96	-0.27		
3.4	17.60	1703.49	1698.88	1695.62	2.89	3.53	3.61	-24.94	-22.75	-29.86	-0.27		
3.6	17.60	1707.07	1702.40	1699.14	2.91	3.55	3.63	-24.93	-23.25	-29.79	-0.13		
3.8	16.80	1710.59	1705.86	1702.66	2.93	3.57	3.63	-24.94	-22.92	-29.41	-0.13		
4.0	16.00	1713.98	1709.31	1706.05	2.95	3.58	3.64	-24.96	-22.96	-29.32	-0.27		
4.2	16.80	1717.38	1712.64	1709.38	2.98	3.60	3.65	-24.93	-23.00	-29.38	-0.27		
4.4	15.20	1720.58	1715.90	1712.64	2.99	3.61	3.66	-24.89	-23.04	-29.25	-0.40		
4.6	15.20	1723.78	1719.04	1715.78	3.02	3.62	3.67	-24.79	-23.13	-29.07	-0.13		
4.8	14.40	1726.85	1722.05	1718.85	3.04	3.64	3.67	-24.78	-23.22	-29.08	-0.27		
5.0	14.40	1729.79	1725.06	1721.73	3.05	3.64	3.67	-24.78	-23.27	-29.32	-0.27		
5.2	14.40	1732.67	1727.94	1724.61	3.06	3.65	3.67	-24.77	-23.32	-29.22	-0.27		
5.4	14.40	1735.55	1730.75	1727.42	3.08	3.66	3.68	-24.72	-23.35	-29.13	-0.13		
5.6	13.60	1738.30	1733.50	1730.11	3.09	3.67	3.68	-24.66	-23.42	-29.01	-0.13		
5.8	13.60	1740.93	1736.13	1732.80	3.10	3.68	3.68	-24.59	-23.54	-29.04	-0.27		
6.0	13.60	1743.62	1738.75	1735.36	3.11	3.68	3.68	-24.49	-23.65	-29.08	0.00		
6.2	12.80	1746.24	1741.31	1737.92	3.11	3.69	3.68	-24.45	-23.70	-29.03	-0.13		
6.4	12.80	1748.80	1743.87	1740.42	3.12	3.69	3.68	-24.40	-23.69	-28.88	-0.13		
6.6	12.00	1751.30	1746.30	1742.85	3.12	3.70	3.68	-24.44	-23.69	-28.79	0.13		
6.8	12.00	1753.73	1748.74	1745.28	3.13	3.72	3.68	-24.50	-23.79	-28.73	0.13		
7.0	12.00	1756.16	1751.17	1747.65	3.14	3.71	3.68	-24.54	-23.84	-28.80	-0.13		
7.2	12.80	1758.66	1753.60	1750.02	3.15	3.71	3.67	-24.55	-23.95	-28.96	0.13		
7.4	12.00	1761.02	1755.97	1752.38	3.17	3.71	3.67	-24.58	-24.42	-28.97	0.00		
7.6	12.00	1763.39	1758.34	1754.69	3.17	3.71	3.66	-24.57	-24.03	-28.85	0.00		
7.8	12.00	1765.76	1760.70	1756.99	3.18	3.72	3.65	-24.59	-24.10	-28.66	0.00		
8.0	11.20	1768.13	1762.94	1759.30	3.18	3.72	3.64	-24.55	-24.13	-28.67	0.00		