

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	3.66	1717.38	1715.84	1715.01	4.98	4.92	4.86	-22.42	-35.70	-45.55	0.19	1	-99
0.5	3.59	1719.00	1717.49	1716.70	4.98	4.94	4.89	-22.48	-35.66	-45.94	0.15	10	-124
1.0	3.20	1720.52	1719.03	1718.22	5.02	4.98	4.93	-22.52	-35.63	-46.25	0.24	100	-144
1.5	3.00	1722.07	1720.59	1719.70	5.08	5.03	4.98	-22.57	-35.56	-46.63	0.19	1000	-164
2.0	3.20	1723.60	1722.13	1721.23	5.12	5.07	5.03	-22.61	-35.54	-46.92	0.20		
2.5	3.33	1725.19	1723.70	1722.81	5.17	5.12	5.08	-22.65	-35.67	-47.32	0.19		
3.0	3.59	1726.88	1725.34	1724.44	5.22	5.17	5.13	-22.66	-35.42	-47.46	0.19		
3.5	3.66	1728.58	1727.04	1726.14	5.26	5.21	5.17	-22.67	-35.38	-47.67	0.19		
4.0	3.59	1730.33	1728.80	1727.84	5.31	5.25	5.22	-22.67	-35.40	-47.83	0.24		
4.5	3.66	1732.12	1730.57	1729.61	5.36	5.31	5.27	-22.67	-35.45	-48.11	0.19		
5.0	3.92	1734.00	1732.40	1731.44	5.42	5.36	5.32	-22.68	-35.42	-48.44	0.26		
5.5	3.85	1735.92	1734.29	1733.33	5.46	5.41	5.37	-22.71	-35.42	-48.82	0.23		
6.0	3.66	1737.89	1736.20	1735.27	5.51	5.46	5.42	-22.76	-35.38	-49.26	0.19		
6.5	4.05	1739.91	1738.15	1737.23	5.56	5.52	5.47	-22.84	-35.86	-49.65	0.19		
7.0	4.57	1741.95	1740.22	1739.20	5.62	5.57	5.53	-22.93	-35.28	-49.85	0.13		
7.5	4.44	1743.99	1742.32	1741.23	5.67	5.62	5.59	-23.02	-35.27	-50.36	0.18		
8.0	3.79	1746.19	1744.39	1743.37	5.73	5.68	5.64	-23.13	-35.30	-50.64	0.19		
8.5	4.31	1748.33	1746.57	1745.52	5.78	5.74	5.70	-23.20	-35.39	-51.06	0.22		
9.0	4.11	1750.58	1748.75	1747.70	5.83	5.80	5.76	-23.25	-35.43	-51.50	0.19		
9.5	4.24	1752.87	1751.01	1749.88	5.87	5.85	5.81	-23.27	-35.41	-52.21	0.17		
10.0	4.57	1755.09	1753.29	1752.15	5.93	5.91	5.88	-23.26	-35.43	-52.58	0.19		
10.5	5.03	1757.38	1755.58	1754.43	5.99	5.98	5.94	-23.24	-35.43	-52.89	0.13		
11.0	4.57	1759.73	1757.81	1756.65	6.03	6.03	6.00	-23.21	-35.47	-53.53	0.13		
11.5	4.90	1762.01	1760.11	1758.94	6.08	6.09	6.06	-23.22	-35.57	-54.04	0.19		
12.0	4.57	1764.36	1762.38	1761.23	6.12	6.14	6.11	-23.25	-35.61	-54.60	0.22		
12.5	4.31	1766.65	1764.63	1763.41	6.16	6.19	6.16	-23.32	-35.70	-55.11	0.13		
13.0	4.57	1768.93	1766.88	1765.62	6.20	6.24	6.21	-23.40	-35.77	-55.14	0.17		
13.5	4.11	1771.16	1769.05	1767.83	6.23	6.28	6.25	-23.51	-35.89	-55.45	0.19		
14.0	4.11	1773.31	1771.20	1769.98	6.26	6.32	6.28	-23.61	-36.13	-55.40	0.19		