

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			
0.15	30.93	1808.15	1790.63	1782.01	1.05	2.06	1.93	-24.42	-22.39	-35.72	1.21	1	-80
0.30	28.57	1812.26	1794.91	1786.23	1.02	1.99	1.84	-24.31	-22.24	-35.57	1.24	10	-102
0.45	26.47	1816.11	1798.88	1790.13	0.95	1.89	1.72	-24.39	-22.45	-35.90	1.21	100	-123
0.60	25.58	1819.82	1802.72	1793.86	0.89	1.79	1.62	-24.38	-22.67	-35.75	1.26	1000	-142
0.75	24.22	1823.33	1806.35	1797.37	0.84	1.76	1.56	-24.30	-22.58	-35.80	1.22		
0.90	22.95	1826.69	1809.79	1800.70	0.85	1.66	1.46	-24.29	-22.50	-35.65	1.27		
1.05	22.65	1829.95	1813.19	1803.97	0.79	1.58	1.34	-24.45	-22.36	-35.68	1.31		
1.20	21.91	1833.17	1816.48	1807.15	0.77	1.54	1.28	-24.47	-22.45	-35.39	1.27		
1.35	21.35	1836.31	1819.68	1810.28	0.77	1.49	1.15	-24.23	-22.28	-35.45	1.31		
1.50	20.89	1839.40	1822.81	1813.34	0.75	1.41	1.04	-24.10	-22.62	-35.78	1.27		
1.65	20.34	1842.41	1825.86	1816.34	0.76	1.40	0.99	-23.92	-22.62	-35.73	1.31		
1.80	20.28	1845.41	1828.91	1819.32	0.78	1.35	0.90	-24.03	-22.51	-34.71	1.31		
1.95	19.59	1848.31	1831.86	1822.24	0.78	1.33	0.87	-23.79	-22.53	-34.72	1.29		
2.10	19.56	1851.16	1834.79	1825.09	0.77	1.30	0.79	-23.68	-22.47	-34.58	1.29		
2.25	19.53	1854.02	1837.72	1827.96	0.76	1.26	0.71	-23.62	-22.61	-34.41	1.33		
2.40	19.32	1856.89	1840.62	1830.81	0.75	1.26	0.66	-23.45	-22.47	-34.04	1.33		
2.55	18.92	1859.72	1843.46	1833.57	0.79	1.26	0.61	-23.48	-22.77	-33.92	1.33		
2.70	18.86	1862.58	1846.29	1836.38	0.80	1.27	0.57	-23.32	-22.66	-34.17	1.29		
2.85	18.92	1865.45	1849.13	1839.17	0.81	1.26	0.52	-23.52	-22.67	-34.14	1.31		
3.00	18.94	1868.29	1851.97	1841.98	0.84	1.26	0.48	-23.53	-22.59	-33.66	1.29		
3.15	18.84	1871.12	1854.79	1844.75	0.85	1.24	0.44	-23.37	-22.62	-33.93	1.31		
3.30	18.78	1873.97	1857.61	1847.55	0.89	1.27	0.42	-23.60	-22.44	-33.49	1.33		
3.45	18.91	1876.81	1860.45	1850.34	0.89	1.26	0.38	-23.63	-22.32	-33.16	1.31		
3.60	19.02	1879.68	1863.30	1853.15	0.94	1.26	0.36	-23.56	-22.46	-33.16	1.31		
3.75	18.98	1882.52	1866.15	1855.98	0.99	1.26	0.32	-23.46	-22.54	-32.65	1.35		
3.90	19.02	1885.38	1869.00	1858.77	1.00	1.28	0.31	-23.58	-22.52	-32.83	1.31		
4.05	19.04	1888.26	1871.86	1861.61	1.06	1.27	0.26	-23.36	-22.52	-32.38	1.31		
4.20	19.11	1891.11	1874.72	1864.46	1.06	1.29	0.26	-23.38	-22.64	-32.40	1.35		
4.35	19.36	1894.00	1877.63	1867.48	1.14	1.34	0.24	-23.36	-22.87	-32.05	1.37		
4.50	19.43	1896.88	1880.54	1870.45	1.12	1.33	0.28	-23.11	-22.80	-31.70	1.35		
4.65	19.54	1899.76	1883.47	1873.36	1.15	1.36	0.28	-22.91	-22.93	-31.48	1.35		
4.80	19.90	1902.79	1886.46	1876.32	1.18	1.36	0.24	-22.75	-22.79	-31.24	1.37		
4.95	19.86	1905.83	1889.44	1879.30	1.18	1.41	0.26	-22.41	-22.82	-31.26	1.37		
5.10	20.17	1908.93	1892.46	1882.32	1.23	1.40	0.21	-22.37	-22.49	-31.35	1.37		
5.25	20.22	1912.03	1895.49	1885.26	1.24	1.45	0.19	-22.24	-22.76	-30.92	1.37		
5.40	20.57	1915.14	1898.58	1888.30	1.29	1.47	0.20	-22.01	-22.81	-31.11	1.37		
5.55	20.69	1918.30	1901.68	1891.37	1.33	1.46	0.14	-22.08	-22.62	-30.91	1.37		
5.70	20.83	1921.46	1904.81	1894.48	1.33	1.50	0.14	-21.96	-22.77	-30.75	1.42		
5.85	21.56	1924.69	1908.04	1897.65	1.37	1.53	0.14	-21.65	-22.75	-30.43	1.39		
6.00	21.15	1927.90	1911.21	1900.81	1.39	1.52	0.10	-21.53	-22.96	-30.30	1.37		