

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			
0.00	25.34	2064.32	2041.28	2027.71	1.05	0.98	0.46	-14.94	-14.78	-26.13	1.41	1	-80
0.25	22.02	2070.08	2047.62	2034.37	1.06	0.96	0.43	-15.11	-14.83	-26.08	1.54	10	-103
0.50	20.48	2075.33	2053.12	2040.13	1.03	0.95	0.39	-15.42	-14.90	-26.34	1.79	100	-123
0.75	19.20	2080.26	2058.24	2045.38	1.00	0.97	0.36	-15.56	-15.17	-26.15	1.79	1000	-143
1.00	18.18	2084.99	2063.04	2050.24	0.99	0.99	0.35	-15.37	-15.22	-25.74	1.66		
1.25	17.66	2089.47	2067.58	2054.91	0.98	1.01	0.36	-15.12	-15.16	-25.96	1.66		
1.50	17.41	2093.89	2072.00	2059.33	1.01	1.01	0.38	-14.86	-15.05	-26.16	1.66		
1.75	17.15	2098.18	2076.35	2063.62	1.04	0.99	0.40	-14.70	-14.96	-25.42	1.66		
2.00	16.90	2102.34	2080.64	2067.97	1.06	0.97	0.40	-14.51	-14.77	-25.29	1.66		
2.25	16.64	2106.43	2084.86	2072.13	1.05	0.96	0.40	-14.33	-14.64	-25.51	1.92		
2.50	16.64	2110.59	2089.02	2076.29	1.05	0.95	0.39	-14.26	-14.63	-25.26	1.79		
2.75	16.64	2114.82	2093.18	2080.45	1.04	0.96	0.37	-14.28	-14.68	-25.16	1.79		
3.00	16.64	2118.98	2097.34	2084.61	1.02	0.98	0.35	-14.39	-14.81	-25.24	1.92		
3.25	16.38	2123.14	2101.50	2088.77	1.03	1.00	0.35	-14.54	-15.03	-25.03	1.79		
3.50	16.38	2127.30	2105.60	2092.93	1.04	1.02	0.35	-14.59	-15.32	-24.95	1.79		
3.75	16.90	2131.46	2109.70	2097.02	1.05	1.01	0.36	-14.57	-15.49	-25.18	1.79		
4.00	16.90	2135.55	2113.92	2101.18	1.07	0.99	0.37	-14.40	-15.43	-24.83	1.79		
4.25	16.90	2139.71	2118.14	2105.41	1.08	0.97	0.39	-14.22	-15.38	-24.85	1.92		
4.50	17.15	2143.87	2122.37	2109.63	1.08	0.95	0.39	-14.06	-15.43	-24.60	1.92		
4.75	16.90	2148.16	2126.66	2113.86	1.07	0.95	0.37	-13.94	-15.48	-24.08	2.05		
5.00	17.41	2152.51	2130.88	2118.08	1.06	0.95	0.34	-13.76	-15.36	-24.13	1.79		
5.25	17.15	2156.80	2135.23	2122.43	1.04	0.98	0.31	-13.57	-15.27	-24.53	1.92		
5.75	17.41	2165.63	2143.94	2131.20	1.02	1.01	0.30	-13.65	-15.68	-24.03	1.79		
6.00	17.92	2169.98	2148.29	2135.62	1.02	1.01	0.32	-14.00	-15.87	-24.01	1.92		
6.50	18.94	2178.88	2157.38	2144.51	0.99	0.96	0.36	-14.21	-16.12	-23.23	2.05		
6.75	18.43	2183.49	2162.11	2149.18	0.96	0.94	0.35	-14.09	-16.46	-23.16	1.92		
7.25	19.20	2192.96	2171.52	2158.59	0.95	0.94	0.28	-13.72	-16.58	-22.79	1.92		
7.50	19.20	2197.82	2176.32	2163.46	0.94	0.95	0.26	-13.63	-16.44	-22.63	1.92		
8.00	20.74	2207.62	2186.18	2173.38	0.92	0.93	0.27	-13.45	-16.76	-22.51	2.05		
8.25	20.48	2212.67	2191.36	2178.50	0.88	0.92	0.28	-13.38	-16.91	-22.34	2.18		
8.75	21.50	2223.17	2201.86	2188.93	0.86	0.92	0.26	-13.56	-17.26	-22.44	2.05		
9.00	22.02	2228.54	2207.23	2194.37	0.83	0.93	0.24	-13.52	-17.73	-22.54	2.05		
9.50	22.78	2239.55	2218.30	2205.44	0.77	0.94	0.25	-13.06	-17.95	-22.51	2.05		
9.75	23.04	2245.25	2224.00	2211.14	0.75	0.93	0.27	-12.93	-17.83	-22.11	2.05		
10.25	23.81	2256.77	2235.58	2222.72	0.73	0.92	0.27	-12.56	-18.17	-22.05	2.05		
10.50	23.81	2262.66	2241.54	2228.67	0.71	0.90	0.27	-12.46	-18.46	-22.06	2.05		
11.00	24.06	2274.43	2253.57	2240.58	0.61	0.89	0.28	-12.58	-19.11	-22.25	2.05		
11.25	24.32	2280.58	2259.58	2246.66	0.62	0.90	0.27	-12.37	-19.10	-23.19	2.05		
11.75	24.32	2292.48	2271.62	2258.75	0.64	0.89	0.29	-12.07	-19.10	-22.83	1.92		
12.00	24.32	2298.43	2277.70	2264.83	0.63	0.88	0.31	-11.80	-18.41	-22.63	2.05		