

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	165.12	1444.03	1409.09	1373.50	0.86	0.64	0.09	-7.62	-26.61	-26.30	4.48	1	-68
0.5	149.44	1520.13	1488.58	1460.03	0.79	0.45	-0.35	-9.38	-26.59	-29.06	3.84	10	-92
1.0	142.72	1589.06	1560.32	1540.16	0.71	0.29	-0.66	-10.24	-28.42	-29.64	3.07	100	-112
1.5	158.72	1666.24	1637.38	1620.80	1.36	0.51	-1.05	-9.58	-28.68	-38.40	2.43	1000	-132
2.0	153.60	1744.96	1715.26	1699.46	1.90	0.75	-1.28	-10.83	-25.72	-47.27	3.07		
2.5	155.52	1821.38	1792.26	1777.28	2.12	0.99	-1.08	-11.93	-24.77	-50.53	2.94		
3.0	158.40	1897.86	1870.59	1855.62	2.38	1.27	-0.57	-13.22	-24.05	-46.60	2.69		
3.5	160.00	1975.23	1950.34	1935.23	2.59	1.63	0.09	-14.48	-23.78	-41.87	1.92		
4.0	160.32	2052.35	2030.85	2016.00	2.62	2.02	0.50	-15.77	-24.78	-35.41	0.26		
4.5	156.16	2128.32	2110.02	2097.41	3.00	2.41	1.12	-17.36	-24.36	-33.72	-1.92		
5.0	147.52	2202.11	2185.92	2177.09	3.28	2.72	1.79	-19.58	-26.17	-39.66	-4.48		
5.5	137.92	2272.90	2257.41	2251.90	3.41	3.03	2.30	-21.29	-27.09	-41.17	-5.76		
6.0	131.20	2339.26	2324.42	2321.79	3.80	3.32	2.59	-23.29	-28.40	-37.95	-5.76		
6.5	138.88	2401.60	2390.66	2393.41	4.24	3.49	2.43	-23.85	-33.44	-48.87	-4.86		
7.0	161.60	2469.18	2466.11	2467.33	4.03	3.07	2.01	-22.78	-57.12	-48.37	-5.50		
7.5	141.76	2554.30	2543.42	2537.15	3.16	2.49	1.74	-24.44	-37.16	-48.15	-3.84		
8.0	129.60	2626.18	2611.01	2601.41	2.79	2.25	1.66	-24.13	-33.69	-45.01	-2.69		
8.5	120.00	2689.92	2673.47	2661.95	2.53	2.13	1.69	-23.42	-30.81	-45.49	-1.92		
9.0	112.00	2749.25	2731.84	2718.98	2.52	2.06	1.53	-22.86	-28.77	-46.06	-1.54		
9.5	104.64	2804.67	2786.37	2772.74	2.12	2.02	1.58	-22.33	-28.70	-44.75	-0.90		
10.0	99.52	2856.26	2837.82	2823.30	2.23	1.94	1.53	-22.06	-28.45	-42.95	-0.51		
10.5	92.80	2904.38	2885.82	2871.23	2.03	1.89	1.62	-21.03	-29.78	-43.19	0.00		
11.0	88.00	2950.02	2930.94	2916.03	2.09	1.82	1.51	-20.96	-32.62	-46.03	0.38		
11.5	80.96	2992.19	2973.31	2958.14	1.81	1.76	1.46	-21.82	-35.35	-45.60	0.90		
12.0	77.44	3032.06	3012.80	2997.18	1.92	1.67	1.58	-21.52	-35.33	-43.09	1.28		
12.5	72.32	3069.63	3049.79	3033.98	1.87	1.59	1.38	-21.73	-33.66	-42.22	1.79		
13.0	64.96	3103.55	3084.54	3068.48	1.52	1.50	1.27	-21.75	-33.46	-41.77	2.05		
13.5	63.36	3136.38	3116.74	3100.48	1.34	1.36	1.22	-21.70	-33.76	-42.46	2.69		
14.0	57.92	3166.72	3147.14	3130.43	1.53	1.26	1.17	-21.58	-35.00	-43.14	2.82		
14.5	55.36	3194.62	3175.49	3158.59	1.13	1.12	0.88	-21.74	-38.64	-43.72	3.20		
15.0	49.60	3221.06	3201.41	3184.90	0.86	1.03	0.84	-21.94	-43.35	-43.59	3.58		
15.5	48.32	3245.63	3226.24	3209.15	0.90	0.88	0.96	-22.40	-45.21	-44.10	3.97		
16.0	44.80	3268.99	3249.28	3232.19	0.94	0.76	0.69	-23.30	-42.39	-44.12	4.22		
16.5	41.92	3290.24	3271.10	3253.70	0.60	0.64	0.45	-23.85	-39.49	-44.20	4.48		
17.0	38.40	3310.59	3291.14	3274.05	0.43	0.53	0.47	-23.94	-37.71	-44.47	4.61		
17.5	37.12	3329.98	3309.95	3292.99	0.15	0.42	0.40	-24.02	-36.22	-45.35	4.86		
18.0	35.20	3347.84	3328.19	3310.34	0.36	0.36	0.45	-23.67	-34.81	-46.23	5.25		
18.5	32.32	3365.06	3345.02	3327.10	0.41	0.26	0.32	-23.74	-33.80	-46.81	5.12		
19.0	31.04	3381.25	3360.83	3343.23	0.24	0.17	0.02	-24.52	-32.92	-49.55	5.50		
19.5	29.44	3395.58	3376.13	3357.82	0.07	0.09	0.00	-24.03	-32.41	-50.50	5.76		
20.0	27.20	3409.60	3390.08	3371.65	-0.11	0.02	0.00	-24.47	-31.90	-52.34	5.50		