

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			
0.3	23.47	317.9	309.6	306.3	10.04	10.48	10.38	-18.6	-48.5	-59.6	0.78	1	-77
0.5	23.71	321.1	315.5	312.0	10.07	10.55	10.41	-19.5	-50.2	-59.3	0.82	10	-98
0.8	23.17	324.8	321.3	317.5	10.17	10.77	10.62	-20.3	-50.8	-60.6	0.86	100	-118
1.0	22.35	329.8	326.9	322.4	10.30	10.88	10.73	-21.2	-51.3	-60.7	0.96	1000	-138
1.3	21.62	335.9	332.3	327.2	10.54	11.09	10.85	-21.9	-50.2	-59.0	0.63		
1.5	18.82	341.5	337.0	331.5	10.69	11.23	10.99	-22.7	-52.8	-56.7	0.31		
1.8	17.85	346.7	341.5	335.6	10.86	11.35	11.02	-23.3	-52.7	-52.6	0.06		
2.0	16.18	351.6	345.5	339.6	10.94	11.46	10.98	-23.9	-51.6	-55.6	0.06		
2.3	15.16	356.1	349.3	343.7	11.02	11.46	10.92	-24.7	-51.5	-52.6	0.14		
2.5	15.66	360.5	353.2	347.5	11.00	11.28	10.79	-25.8	-50.9	-49.9	0.16		
2.8	15.89	364.7	357.2	351.5	11.04	11.10	10.64	-27.3	-51.6	-47.1	0.15		
3.0	15.46	368.8	361.1	355.5	10.91	10.94	10.52	-28.1	-51.7	-46.3	0.13		
3.3	15.66	372.7	365.0	359.2	10.70	10.71	10.52	-29.7	-53.5	-45.9	0.13		
3.5	15.89	376.3	368.9	363.1	10.56	10.55	10.49	-31.2	-56.7	-46.7	0.14		
3.8	14.54	380.4	372.6	367.3	10.23	10.58	10.58	-31.9	-56.8	-46.5	0.10		
4.0	15.24	384.2	376.4	372.7	10.08	10.62	10.62	-32.5	-58.5	-47.8	0.14		
4.3	15.66	387.7	380.3	377.9	10.00	10.59	10.67	-33.1	-58.9	-47.4	0.33		
4.5	20.00	391.3	385.3	383.0	10.05	10.70	10.71	-33.3	-58.4	-47.5	0.82		
4.8	20.56	395.5	390.4	388.0	10.06	10.78	10.80	-33.8	-55.6	-50.9	0.78		
5.0	19.32	400.0	395.3	392.7	10.08	10.83	10.81	-34.5	-57.6	-51.2	0.76		
5.3	19.40	405.1	400.1	397.3	10.25	10.91	10.93	-35.0	-54.9	-49.4	0.74		
5.5	19.28	409.8	404.9	402.1	10.32	11.01	11.00	-35.4	-54.4	-49.9	0.65		
5.8	16.96	414.2	409.2	406.1	10.35	11.04	10.96	-35.8	-53.6	-51.7	0.67		
6.0	17.74	418.7	413.6	410.3	10.36	11.09	10.88	-36.4	-52.9	-51.8	0.62		
6.3	17.62	423.0	418.0	414.4	10.40	11.11	10.79	-36.9	-52.3	-51.4	0.62		
6.5	15.84	427.0	422.0	418.4	10.36	11.06	10.59	-37.2	-50.7	-50.5	0.59		
6.8	16.15	431.1	426.0	422.2	10.27	10.97	10.38	-37.4	-50.3	-51.4	0.64		
7.0	16.29	435.1	430.1	425.9	10.16	11.03	10.18	-37.7	-51.1	-52.8	0.54		
7.3	14.79	438.8	433.8	429.6	10.15	10.61	10.00	-38.6	-51.2	-55.2	0.53		
7.5	13.94	442.6	437.3	433.1	10.07	10.28	9.83	-39.1	-49.8	-53.1	0.50		
7.8	14.20	446.4	440.8	436.4	9.84	10.04	9.54	-39.8	-48.9	-52.3	0.48		
8.0	13.96	449.6	444.3	439.7	9.62	9.81	9.32	-40.5	-47.9	-52.2	0.41		
8.3	12.51	452.7	447.4	442.9	9.26	9.60	9.19	-41.0	-47.2	-50.3	0.32		
8.5	12.22	455.8	450.5	445.8	8.81	9.37	9.02	-41.2	-46.6	-48.3	0.27		
8.8	12.37	458.6	453.6	448.5	8.46	9.09	8.92	-42.4	-44.6	-47.6	0.18		
9.0	11.51	461.3	456.5	451.3	8.09	8.78	8.71	-43.8	-45.3	-50.4	0.09		
9.3	10.86	463.8	459.2	454.1	7.84	8.61	8.53	-44.1	-49.9	-52.0	0.04		
9.5	10.55	466.7	461.8	457.2	7.57	8.38	8.32	-44.1	-50.1	-49.9	0.21		
9.8	11.86	470.1	464.8	460.6	7.38	8.24	8.20	-44.4	-48.5	-46.6	0.59		
10.0	13.52	473.5	468.2	464.1	7.15	8.08	8.06	-44.5	-48.2	-40.9	0.78		
10.3	13.93	476.9	471.6	467.6	6.82	7.83	7.90	-44.4	-47.6	-38.0	0.78		
10.5	13.04	480.2	474.9	471.0	6.54	7.61	7.69	-44.4	-46.3	-37.9	0.75		
10.8	12.84	483.4	478.1	474.2	6.32	7.37	7.52	-44.8	-46.1	-39.5	0.72		
11.0	12.79	486.7	481.3	477.4	6.08	7.11	7.25	-45.6	-44.5	-41.3	0.69		
11.3	12.90	490.0	484.5	480.5	5.86	6.93	7.06	-44.5	-45.4	-37.8	0.68		
11.5	12.98	493.1	487.8	483.6	5.62	6.70	6.89	-43.7	-45.9	-33.0	0.64		
11.8	11.84	496.0	490.7	486.7	5.32	6.44	6.66	-43.7	-47.5	-31.7	0.57		
12.0	11.59	498.8	493.6	489.6	5.05	6.22	6.46	-43.86	-47.56	-32.31	0.55		
12.3	10.93	501.6	496.4	492.4	4.80	5.94	6.21	-43.2	-47.0	-32.2	0.52		
12.5	10.94	504.4	499.1	495.1	4.56	5.66	6.01	-43.9	-46.1	-33.0	0.51		
12.8	11.07	507.2	501.9	497.7	4.30	5.40	5.75	-45.9	-45.3	-33.1	0.49		
13.0	11.14	509.9	504.7	500.2	4.05	5.15	5.49	-46.0	-44.7	-29.2	0.44		
13.3	10.41	512.4	507.3	502.8	3.82	4.87	5.26	-45.5	-43.5	-26.6	0.36		
13.5	9.40	514.9	509.6	505.3	3.56	4.65	5.02	-46.0	-42.7	-25.9	0.34		
13.8	9.28	517.4	511.9	507.7	3.33	4.44	4.79	-44.6	-42.7	-25.9	0.31		
14.0	9.54	519.6	514.3	510.0	3.10	4.19	4.56	-43.9	-42.8	-26.9	0.30		
14.3	9.31	521.9	516.6	512.2	2.88	3.98	4.34	-43.9	-43.6	-27.2	0.24		
14.5	8.70	524.2	518.8	514.4	2.63	3.74	4.10	-43.6	-43.3	-27.4	0.23		
14.8	8.74	526.4	521.0	516.6	2.41	3.53	3.90	-43.2	-43.6	-27.3	0.21		
15.0	8.67	528.5	523.2	518.7	2.15	3.27	3.67	-42.8	-42.9	-26.0	0.16		