

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	14.72	128.64	127.30	126.66	-2.37	-2.18	-2.15	-17.28	-32.12	-44.98	-0.26	1	-88
1.00	10.56	140.67	139.78	139.46	-0.64	-0.32	-0.11	-16.92	-31.89	-43.31	-0.51	10	-113
2.00	9.60	150.02	149.70	149.63	-0.13	0.11	0.38	-16.96	-32.65	-36.80	-1.28	100	-133
3.00	8.96	159.30	158.91	158.53	-0.20	0.06	0.44	-17.49	-33.25	-34.61	-1.15	1000	-153
4.00	8.32	167.94	167.36	166.98	-0.33	-0.08	0.38	-17.76	-33.20	-32.92	-1.02		
5.00	8.00	176.13	175.55	175.04	-0.52	-0.27	0.25	-18.11	-33.54	-31.89	-0.77		
6.00	7.68	184.19	183.62	183.04	-0.79	-0.52	0.02	-18.54	-33.91	-31.15	-0.90		
7.00	8.32	192.26	191.62	191.04	-1.12	-0.80	-0.28	-19.17	-34.11	-31.07	-1.02		
8.00	8.00	200.38	199.55	198.98	-1.45	-1.04	-0.61	-19.73	-34.73	-31.90	-1.28		
9.00	8.00	208.38	207.49	206.85	-1.67	-1.24	-0.97	-20.99	-35.01	-32.27	-1.41		
10.00	7.68	216.38	215.36	214.66	-1.95	-1.31	-1.11	-22.10	-35.23	-33.44	-1.54		
11.00	7.36	224.19	223.04	222.14	-2.08	-1.33	-1.03	-24.01	-34.85	-34.29	-1.66		
12.00	7.04	232.06	230.46	229.50	-1.83	-1.19	-0.87	-25.45	-35.16	-35.22	-1.54		
13.00	7.04	239.55	237.57	236.61	-1.47	-0.96	-0.70	-26.60	-35.90	-35.82	-1.66		
14.00	6.72	246.66	244.54	243.58	-1.11	-0.79	-0.58	-26.67	-36.21	-36.28	-1.15		
15.00	6.72	253.57	251.33	250.37	-0.81	-0.63	-0.44	-26.25	-35.69	-36.92	-1.28		
16.00	7.04	260.29	258.11	256.90	-0.52	-0.56	-0.31	-25.89	-34.48	-37.63	-1.28		
17.00	6.08	267.20	264.58	263.17	-0.52	-0.41	-0.14	-25.00	-33.58	-38.06	-0.90		
18.00	6.08	273.54	270.53	269.12	-0.39	-0.16	0.05	-24.12	-32.90	-38.56	-1.02		
19.00	5.44	279.30	276.10	274.62	-0.15	0.06	0.28	-23.29	-32.11	-38.51	-1.15		
20.00	5.44	284.93	281.41	279.62	-0.08	0.24	0.49	-22.32	-31.71	-38.73	-1.02		