

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	14.59	307.5	305.98	304.83	2.39	2.31	1.85	-17.30	-44.41	-39.98	0.26	1	-92
0.25	13.31	311.1	309.63	308.67	2.61	2.49	2.05	-17.97	-43.65	-39.56	0.38	10	-118
0.50	12.54	314.3	312.96	311.94	2.79	2.63	2.21	-18.54	-42.93	-39.33	0.26	100	-138
0.75	11.78	317.4	316.10	315.14	2.93	2.75	2.33	-18.70	-42.71	-39.23	0.38	1000	-158
1.00	11.78	320.4	319.04	318.14	3.03	2.84	2.44	-18.66	-43.04	-38.35	0.13		
1.25	11.52	323.3	321.98	321.02	3.09	2.91	2.52	-18.78	-43.18	-38.22	0.26		
1.50	11.52	326.1	324.86	323.97	3.12	2.96	2.59	-19.25	-43.10	-38.35	0.26		
1.75	11.52	329.0	327.74	326.78	3.13	2.99	2.64	-19.93	-43.38	-37.68	0.26		
2.00	11.78	331.9	330.62	329.66	3.11	3.00	2.68	-20.51	-43.90	-37.12	0.13		
2.25	11.78	334.8	333.57	332.54	3.09	3.00	2.71	-20.76	-43.96	-37.02	0.13		
2.50	12.03	337.8	336.51	335.49	3.05	2.99	2.73	-20.72	-43.51	-36.63	0.13		
2.75	12.03	340.9	339.52	338.43	3.01	2.98	2.74	-20.81	-43.70	-36.48	0.13		
3.00	12.54	343.9	342.53	341.50	2.95	2.96	2.74	-21.24	-43.90	-36.19	0.13		
3.25	12.80	347.0	345.66	344.58	2.89	2.93	2.74	-21.81	-43.38	-35.53	0.26		
3.50	12.80	350.1	348.86	347.78	2.82	2.89	2.73	-22.29	-42.74	-35.50	0.26		
3.75	13.06	353.3	352.06	350.98	2.73	2.84	2.71	-22.61	-42.59	-35.43	0.26		
4.00	13.06	356.5	355.33	354.30	2.62	2.76	2.68	-22.82	-41.95	-35.42	0.38		
4.25	13.57	359.74	358.59	357.63	2.48	2.66	2.63	-23.19	-40.35	-35.37	0.38		
4.50	13.57	363.01	361.98	361.02	2.33	2.54	2.55	-23.52	-39.37	-35.12	0.38		
4.75	13.82	366.40	365.38	364.42	2.15	2.40	2.47	-23.59	-38.49	-35.58	0.51		
5.00	13.82	369.73	368.83	367.94	1.95	2.25	2.36	-23.60	-36.88	-35.41	0.51		
5.25	14.08	373.18	372.29	371.46	1.75	2.08	2.24	-23.91	-35.24	-35.48	0.64		
5.50	14.34	376.58	375.81	375.04	1.53	1.89	2.10	-24.44	-34.32	-35.97	0.51		
5.75	14.59	380.16	379.39	378.56	1.30	1.69	1.94	-24.72	-33.04	-35.91	0.64		
6.00	14.59	383.74	383.04	382.27	1.06	1.48	1.76	-24.60	-31.81	-36.42	0.64		