

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	7.31	3469.76	3465.02	3459.97	5.81	6.06	5.21	-21.08	-41.02	-22.62	0.32	1	-93
0.3	6.27	3471.32	3466.72	3461.73	6.33	6.29	6.59	-20.27	-40.41	-21.77	0.32	10	-118
0.5	6.14	3472.82	3468.23	3463.26	6.43	6.02	6.67	-20.09	-40.32	-21.55	0.26	100	-128
0.8	4.96	3474.23	3469.62	3464.72	5.43	5.28	5.74	-20.60	-40.79	-21.91	0.35	1000	-148
1.0	4.96	3475.57	3471.02	3466.12	6.13	6.97	6.12	-21.01	-41.47	-22.45	0.29		
1.3	5.09	3476.89	3472.39	3467.47	7.20	6.11	6.52	-20.32	-40.60	-21.67	0.26		
1.5	4.70	3478.18	3473.64	3468.77	6.26	6.86	6.19	-21.15	-41.56	-22.68	0.31		
1.8	5.49	3479.49	3474.94	3470.02	6.07	5.62	5.90	-20.94	-41.23	-22.55	0.24		
2.0	5.49	3480.67	3476.13	3471.26	5.40	5.37	4.98	-20.80	-40.96	-22.44	0.25		
2.3	5.22	3481.85	3477.37	3472.48	6.49	6.28	6.12	-20.41	-40.48	-22.09	0.32		
2.5	4.96	3482.96	3478.48	3473.59	7.65	7.01	6.94	-21.25	-41.19	-22.94	0.32		
2.8	4.18	3484.04	3479.56	3474.67	7.04	6.63	6.40	-21.02	-40.70	-22.70	0.19		
3.0	3.92	3485.07	3480.60	3475.74	5.62	5.91	5.03	-21.41	-41.06	-23.00	0.30		
3.3	3.66	3486.00	3481.58	3476.72	7.16	6.97	7.05	-20.97	-40.53	-22.50	0.31		
3.5	3.66	3486.91	3482.43	3477.57	6.74	6.11	6.00	-20.90	-40.36	-22.33	0.16		
3.8	3.53	3487.69	3483.28	3478.42	7.74	6.94	6.67	-21.32	-40.66	-22.64	0.24		
4.00	3.00	3488.42	3484.00	3479.20	6.82	6.66	7.26	-21.12	-40.53	-22.34	0.30		
4.25	2.35	3489.12	3484.70	3479.90	7.58	6.02	6.56	-20.78	-40.15	-21.90	0.24		
4.50	2.22	3489.70	3485.32	3480.52	7.26	7.21	6.61	-21.50	-40.82	-22.52	0.32		
4.75	2.74	3490.29	3485.85	3481.05	5.60	5.33	4.86	-21.13	-40.38	-22.08	0.24		
5.00	1.83	3490.74	3486.39	3481.59	6.56	5.27	5.10	-21.02	-40.36	-21.90	0.24		
5.25	1.83	3491.26	3486.78	3481.98	6.98	7.15	6.74	-21.29	-40.66	-22.12	0.24		
5.50	1.83	3491.65	3487.24	3482.51	7.85	7.32	6.39	-21.92	-41.29	-22.72	0.32		
5.75	0.65	3491.99	3487.68	3482.83	5.56	6.38	5.82	-22.26	-41.65	-23.06	0.26		
6.00	0.91	3492.35	3488.00	3483.20	6.36	6.72	5.76	-22.21	-41.60	-22.97	0.27		
6.25	0.91	3492.71	3488.32	3483.52	7.43	6.30	6.58	-20.86	-40.27	-21.64	0.32		
6.50	1.83	3492.99	3488.62	3483.89	7.26	6.64	6.88	-20.92	-40.36	-21.69	0.32		
6.75	1.83	3493.30	3488.94	3484.15	7.36	6.53	5.91	-21.45	-40.91	-22.22	0.31		
7.00	0.91	3493.57	3489.22	3484.42	6.89	7.47	7.11	-21.84	-41.17	-22.44	0.40		