

## 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	12.80	3405.89	3399.17	3392.00	0.33	1.97	2.39	-19.17	-33.11	-35.48	0.90	1	-90
0.5	10.59	3411.35	3405.07	3398.29	0.47	2.16	2.59	-19.10	-33.59	-35.37	1.02	10	-113
1.0	8.84	3415.96	3409.87	3403.28	0.61	2.33	2.76	-18.91	-33.39	-35.45	0.90	100	-133
1.5	8.04	3420.06	3414.09	3407.62	0.73	2.47	2.91	-18.75	-33.61	-35.83	0.90	1000	-153
2.0	7.53	3423.89	3418.00	3411.60	0.86	2.61	3.07	-18.73	-33.91	-36.15	1.02		
2.5	7.37	3427.46	3421.64	3415.30	0.98	2.74	3.21	-18.83	-34.14	-36.02	0.95		
3.0	6.51	3430.89	3425.11	3418.81	1.12	2.87	3.34	-18.90	-34.09	-35.52	0.93		
3.5	6.71	3434.14	3428.51	3422.18	1.24	2.99	3.47	-19.10	-34.10	-35.61	1.00		
4.0	6.40	3437.35	3431.71	3425.44	1.36	3.10	3.57	-18.82	-34.42	-35.76	1.02		
4.5	6.05	3440.48	3434.91	3428.64	1.48	3.21	3.67	-18.70	-34.75	-35.79	1.02		
5.0	6.02	3443.56	3437.94	3431.72	1.59	3.31	3.77	-18.60	-34.76	-35.96	0.92		
5.5	6.13	3446.57	3441.00	3434.81	1.69	3.41	3.86	-18.61	-34.88	-36.26	0.99		
6.0	6.02	3449.52	3444.01	3437.87	1.79	3.52	3.96	-18.70	-34.97	-36.61	1.02		
6.5	5.82	3452.53	3446.99	3440.82	1.89	3.62	4.05	-18.86	-35.20	-36.61	1.08		
7.0	5.78	3455.48	3449.97	3443.83	1.99	3.72	4.14	-18.97	-35.42	-36.53	1.02		
7.5	6.02	3458.42	3452.94	3446.84	2.09	3.82	4.25	-19.01	-35.56	-36.38	1.02		
8.0	6.02	3461.44	3455.93	3449.79	2.20	3.92	4.35	-19.00	-35.76	-36.40	1.14		
8.5	6.02	3464.38	3458.94	3452.80	2.30	4.01	4.43	-18.90	-35.92	-36.47	1.02		
9.0	6.36	3467.40	3461.89	3455.76	2.41	4.11	4.53	-18.81	-36.15	-36.47	1.02		
9.5	6.31	3470.41	3464.90	3458.77	2.52	4.21	4.61	-18.79	-36.51	-36.68	1.12		
10.0	6.02	3473.42	3467.98	3461.88	2.62	4.29	4.69	-18.81	-36.74	-36.76	1.15		
10.5	6.22	3476.56	3471.06	3464.91	2.73	4.38	4.77	-18.90	-37.17	-37.08	1.02		
11.0	6.40	3479.67	3474.22	3468.01	2.85	4.47	4.84	-19.00	-37.54	-37.27	1.10		
11.5	6.40	3482.86	3477.33	3471.19	2.96	4.56	4.91	-19.06	-37.83	-37.37	1.06		
12.0	6.40	3486.04	3480.54	3474.34	3.04	4.64	4.96	-19.10	-38.22	-37.47	1.13		
12.5	6.40	3489.25	3483.68	3477.53	3.14	4.74	5.02	-19.09	-38.65	-37.40	1.03		
13.0	6.38	3492.45	3486.82	3480.61	3.22	4.81	5.08	-19.05	-38.93	-37.49	1.02		
13.5	6.40	3495.59	3489.96	3483.74	3.28	4.88	5.13	-19.03	-39.52	-37.55	1.02		
14.0	6.40	3498.73	3493.01	3486.76	3.36	4.97	5.20	-19.00	-39.77	-37.61	0.90		
14.5	5.65	3501.68	3495.94	3489.65	3.40	5.03	5.25	-19.01	-40.27	-37.86	0.72		
15.0	5.27	3504.56	3498.71	3492.40	3.47	5.10	5.33	-19.08	-40.70	-37.92	0.77		
15.5	5.14	3507.23	3501.34	3494.98	3.52	5.16	5.39	-19.17	-40.99	-38.14	0.59		
16.0	4.23	3509.67	3503.76	3497.37	3.57	5.21	5.44	-19.28	-41.38	-38.27	0.41		
16.5	4.47	3511.97	3505.97	3499.56	3.63	5.26	5.52	-19.39	-41.73	-38.43	0.40		
17.0	3.39	3513.98	3507.90	3501.50	3.66	5.30	5.53	-19.46	-42.16	-38.27	0.38		