

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	109.29	1936.06	1919.30	1909.44	4.32	4.36	4.16	-11.58	-28.03	-53.37	3.84	1	-63
1.00	107.27	2043.80	2025.64	2016.48	4.40	4.31	4.07	-12.49	-27.55	-63.49	1.91	10	-89
2.00	119.90	2160.88	2137.78	2126.13	4.59	4.32	3.96	-14.26	-27.90	-56.01	0.24	100	-109
3.00	136.44	2287.67	2266.14	2248.94	4.86	4.32	3.88	-14.98	-28.52	-55.01	-1.69	1000	-129
4.00	120.84	2406.15	2400.53	2387.75	5.15	5.02	4.24	-13.86	-29.95	-53.61	-5.60		
5.00	182.02	2539.98	2537.96	2536.64	5.57	5.13	4.38	-14.38	-36.01	-36.97	0.05		
6.00	172.50	2741.24	2719.97	2706.89	5.08	4.81	4.31	-18.11	-39.25	-30.96	-0.44		
7.00	154.51	2904.74	2883.47	2872.00	5.34	5.13	4.65	-19.46	-42.11	-46.39	-4.38		
8.00	139.02	3047.60	3029.53	3022.93	5.60	5.38	4.95	-20.31	-40.23	-65.86	-7.89		
9.00	132.73	3183.79	3165.51	3161.70	5.83	5.52	5.06	-20.51	-37.40	-56.39	-8.70		
10.00	127.09	3314.56	3295.94	3292.12	5.73	5.42	4.98	-21.55	-36.72	-59.12	-6.93		
11.00	119.44	3438.41	3418.94	3413.65	5.57	5.21	4.81	-23.34	-31.49	-65.48	-4.32		
12.00	110.22	3554.51	3533.24	3525.72	4.86	4.88	4.53	-27.90	-24.29	-64.01	-2.10		
13.00	97.48	3658.05	3636.86	3627.14	4.93	4.66	4.29	-32.97	-32.62	-63.39	-0.13		
14.00	84.36	3747.88	3726.47	3715.64	4.51	4.35	4.01	-38.19	-34.68	-63.77	1.42		
15.00	68.01	3823.85	3803.44	3792.12	4.66	4.38	4.00	-43.79	-43.49	-62.55	2.66		
16.00	57.52	3887.77	3867.13	3855.09	4.59	4.20	3.80	-44.68	-48.06	-62.81	3.98		
17.00	46.45	3940.73	3920.16	3907.91	4.48	4.15	3.72	-44.95	-49.58	-62.04	4.83		
18.00	40.27	3984.92	3964.25	3951.10	4.30	4.02	3.68	-45.78	-48.38	-62.50	5.82		
19.00	34.14	4022.35	4001.06	3987.66	4.34	4.02	3.60	-46.92	-48.68	-63.08	6.55		
20.00	26.70	4052.29	4031.92	4018.51	4.26	4.01	3.61	-45.43	-55.83	-62.46	6.40		
21.00	24.84	4079.29	4057.31	4043.06	4.04	3.91	3.56	-46.02	-59.19	-62.11	7.23		
22.00	20.01	4101.80	4079.63	4064.97	3.96	3.75	3.42	-45.94	-53.83	-62.03	7.11		
23.00	16.78	4121.29	4098.00	4082.97	4.06	3.81	3.50	-45.13	-52.48	-62.91	7.05		
24.00	14.03	4137.76	4113.38	4097.70	4.13	3.90	3.56	-44.68	-50.81	-62.95	7.30		
25.00	11.57	4150.34	4126.34	4109.87	4.08	3.88	3.55	-44.08	-49.64	-62.55	7.34		
26.00	9.35	4160.38	4136.64	4119.81	4.02	3.83	3.50	-43.53	-48.92	-60.13	7.04		