

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	87.00	2432.44	2373.03	2329.77	10.55	8.77	7.84	-3.73	-23.11	-29.34	8.51	1	-65
1.00	57.91	2501.21	2437.08	2390.01	10.77	9.25	8.01	-4.96	-24.10	-33.13	9.08	10	-92
2.00	55.09	2558.49	2490.64	2443.20	10.24	9.09	7.85	-6.12	-25.16	-35.52	9.06	100	-112
3.00	58.42	2613.88	2546.17	2498.36	10.07	8.91	8.03	-7.33	-25.90	-35.49	8.01	1000	-132
4.00	66.14	2675.94	2606.16	2562.06	9.71	8.66	7.69	-8.85	-27.95	-39.94	5.99		
5.00	72.95	2728.66	2675.09	2636.44	9.15	8.22	7.30	-10.93	-31.25	-41.25	2.51		
6.00	85.77	2798.15	2755.24	2721.23	8.52	7.98	7.03	-13.50	-48.21	-39.76	1.00		
7.00	102.47	2887.54	2850.08	2819.92	7.59	7.21	6.51	-17.75	-36.82	-41.01	0.44		
8.00	109.52	2996.21	2958.59	2929.90	7.75	6.93	6.03	-22.79	-37.30	-49.12	0.60		
9.00	110.52	3106.35	3070.46	3043.57	8.32	7.86	6.75	-24.78	-30.68	-53.65	0.59		
10.00	113.38	3217.86	3184.33	3159.43	8.61	8.31	7.49	-24.91	-30.71	-52.24	0.60		
11.00	114.99	3331.32	3300.67	3277.21	9.73	9.22	8.05	-26.12	-36.50	-47.58	0.63		
12.00	115.72	3445.52	3417.46	3395.63	10.46	9.82	8.95	-26.67	-37.63	-51.79	0.53		
13.00	114.13	3559.28	3533.75	3513.47	10.36	10.11	9.64	-27.67	-44.64	-57.26	0.14		
14.00	111.14	3670.69	3647.28	3628.22	10.36	10.23	9.68	-27.10	-51.40	-67.44	0.63		
15.00	104.18	3777.64	3755.76	3737.44	10.43	9.97	9.45	-27.16	-37.40	-59.92	1.65		
16.00	95.10	3877.43	3855.99	3837.76	9.56	9.52	9.23	-26.31	-39.12	-62.64	2.41		
17.00	79.71	3964.73	3942.82	3923.93	9.18	8.89	8.47	-26.12	-42.55	-66.69	2.45		
18.00	60.09	4034.20	4011.94	3992.82	8.64	8.67	8.46	-26.07	-46.73	-65.69	1.61		
19.00	43.97	4086.20	4063.74	4043.77	8.62	8.47	8.35	-26.21	-52.46	-65.40	0.60		
20.00	31.96	4123.84	4101.57	4081.43	8.54	8.34	8.10	-26.71	-46.26	-65.73	0.23		
21.00	25.59	4152.95	4130.44	4110.10	8.17	8.22	8.01	-33.61	-44.89	-65.84	0.72		
22.00	22.08	4176.62	4153.93	4133.16	8.16	8.24	8.20	-30.31	-45.18	-66.53	1.05		