

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	106.24	1649.28	1619.97	1598.02	7.64	7.10	6.51	-12.81	-21.33	-28.27	3.25	1	-68
1.00	93.23	1747.33	1719.15	1699.82	7.62	7.15	6.37	-14.18	-20.72	-29.57	3.16	10	-93
2.00	100.41	1846.98	1815.21	1796.67	7.76	7.28	6.54	-16.22	-20.51	-31.37	3.04	100	-113
3.00	114.77	1958.21	1922.43	1902.72	8.00	7.39	6.74	-18.22	-21.28	-32.76	2.99	1000	-133
4.00	130.70	2084.25	2045.59	2024.13	8.03	7.52	6.65	-20.97	-22.84	-35.17	2.95		
5.00	140.59	2222.10	2182.21	2159.64	8.27	7.80	7.11	-25.15	-23.57	-34.79	2.60		
6.00	140.16	2363.58	2323.39	2300.42	8.79	7.98	7.25	-27.82	-25.60	-36.16	2.08		
7.00	123.02	2490.73	2454.76	2434.88	8.84	8.07	7.26	-26.89	-29.37	-41.87	2.42		
8.00	111.57	2603.73	2571.82	2553.94	8.74	8.00	7.32	-22.86	-32.42	-40.71	2.26		
9.00	103.89	2708.54	2679.04	2661.89	8.41	7.83	7.25	-19.91	-33.90	-38.43	2.19		
10.00	94.08	2806.34	2778.94	2762.39	8.67	7.89	7.28	-17.60	-36.22	-39.24	2.04		
11.00	84.55	2892.74	2866.86	2851.09	9.35	8.63	8.04	-17.61	-36.45	-45.30	1.94		
12.00	77.23	2973.25	2947.65	2932.42	9.64	9.01	8.45	-17.40	-36.65	-49.53	1.87		
13.00	72.68	3048.34	3024.00	3007.91	9.79	9.20	8.64	-17.72	-36.78	-59.38	1.88		
14.00	68.84	3119.25	3093.82	3077.89	9.92	9.35	8.84	-18.38	-36.69	-56.84	1.92		
15.00	62.93	3184.58	3160.26	3144.06	9.93	9.45	8.99	-17.90	-36.99	-56.28	1.92		
16.00	59.02	3246.70	3221.76	3205.12	9.96	9.48	8.97	-18.11	-37.60	-52.35	2.06		
17.00	52.98	3303.00	3277.53	3261.57	9.82	9.43	9.03	-18.39	-38.49	-49.91	2.06		
18.00	51.20	3356.22	3329.92	3313.54	9.73	9.30	8.91	-19.46	-38.63	-54.90	2.29		
19.00	44.44	3403.16	3377.07	3361.47	9.42	9.17	8.76	-20.08	-38.00	-60.48	2.28		
20.00	41.17	3447.77	3420.57	3403.97	9.56	9.08	8.71	-19.84	-39.09	-62.93	2.33		
21.00	36.27	3486.66	3461.44	3444.03	9.18	8.85	8.53	-20.32	-38.36	-63.07	2.24		
22.00	35.13	3522.94	3496.19	3478.59	8.98	8.72	8.47	-20.64	-38.85	-66.71	2.44		
23.00	30.15	3556.84	3527.47	3510.27	8.59	8.61	8.35	-20.87	-39.34	-63.19	2.29		
24.00	24.96	3584.70	3556.67	3537.73	8.47	8.30	8.26	-21.10	-39.15	-64.69	2.13		
25.00	21.40	3607.91	3579.26	3561.62	8.28	8.28	7.84	-21.65	-39.65	-65.06	2.12		
26.00	16.57	3628.22	3598.40	3580.16	8.33	8.32	7.98	-21.91	-40.84	-65.48	2.03		
27.00	13.87	3644.80	3613.25	3595.33	8.19	8.06	7.76	-22.05	-40.23	-64.74	2.13		
28.00	12.09	3657.41	3626.26	3607.04	8.33	8.26	7.92	-22.13	-41.88	-66.89	2.36		
29.00	9.46	3667.75	3637.06	3616.92	7.83	7.86	7.46	-22.24	-47.30	-67.15	2.28		
30.00	7.68	3676.48	3645.57	3625.73	7.78	7.80	7.36	-22.41	-60.45	-64.96	2.19		