

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	91.20	1617.22	1590.78	1574.14	7.42	6.76	6.30	-11.03	-19.33	-36.25	3.04	1	-74
1.00	69.12	1695.68	1672.19	1658.69	6.90	6.50	6.10	-13.34	-20.63	-43.12	2.35	10	-99
2.00	80.64	1766.85	1744.38	1730.18	6.86	6.41	6.09	-14.37	-22.08	-54.54	2.45	100	-120
3.00	83.20	1845.95	1822.59	1806.91	6.80	6.38	5.99	-16.19	-23.24	-48.04	2.08	1000	-140
4.00	96.96	1934.53	1909.70	1892.10	6.88	6.29	5.89	-16.97	-24.97	-43.06	2.19		
5.00	96.32	2030.34	2003.90	1985.66	6.55	6.33	5.72	-17.12	-26.69	-47.12	1.55		
6.00	94.40	2126.85	2099.33	2082.75	6.74	6.30	5.69	-16.04	-29.19	-43.91	1.12		
7.00	92.16	2218.30	2191.81	2173.76	6.89	6.31	5.76	-14.86	-33.84	-43.13	0.85		
8.00	81.92	2303.30	2276.48	2259.84	6.86	6.55	5.82	-13.35	-44.71	-42.95	0.69		
9.00	69.76	2382.34	2354.94	2337.98	7.53	6.74	6.30	-12.96	-43.68	-41.88	0.69		
10.00	60.48	2453.12	2427.78	2410.62	7.08	6.95	6.26	-13.14	-36.39	-40.37	0.85		
11.00	65.28	2518.21	2496.32	2475.97	7.22	7.07	6.55	-13.94	-34.46	-40.89	1.17		
12.00	67.52	2581.31	2557.18	2540.10	7.27	7.27	6.88	-14.56	-34.60	-39.72	1.33		
13.00	49.92	2641.79	2615.30	2598.40	7.35	7.44	7.00	-15.03	-36.30	-38.74	0.96		
14.00	48.64	2695.23	2666.62	2652.35	7.66	7.69	7.35	-15.36	-38.75	-37.99	0.80		
15.00	50.88	2742.53	2714.75	2699.78	7.66	7.61	7.45	-16.61	-41.99	-36.86	0.69		
16.00	40.96	2789.12	2761.73	2745.79	7.71	7.29	7.23	-16.77	-42.79	-36.10	0.37		
17.00	44.16	2832.13	2806.53	2790.34	7.47	6.92	6.90	-17.19	-40.07	-35.89	0.37		
18.00	42.88	2875.26	2849.41	2830.40	7.19	6.61	6.95	-17.86	-38.67	-37.09	0.43		
19.00	37.76	2913.47	2887.49	2867.58	7.19	6.53	6.78	-19.01	-38.55	-38.06	0.43		
20.00	30.08	2946.50	2923.14	2901.50	7.24	6.41	6.51	-19.06	-38.76	-37.24	0.37		