

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	5.37	40.57	40.30	39.22	7.44	7.03	6.77	-21.99	-32.17	-53.09	0.01	1	-85
1.0	4.36	44.83	44.82	44.00	9.40	9.31	9.40	-22.58	-33.22	-58.73	-0.07	10	-110
2.0	3.66	48.80	48.97	48.22	9.91	9.96	9.95	-21.39	-34.21	-69.33	-0.03	100	-130
3.0	3.35	52.13	52.44	51.73	10.07	10.02	10.01	-20.56	-34.91	-56.05	0.03	1000	-150
4.0	3.26	55.33	55.74	55.05	10.15	10.04	10.01	-20.14	-35.33	-51.74	0.07		
5.0	3.28	58.49	59.01	58.38	10.18	10.04	9.98	-19.96	-35.42	-48.44	0.11		
6.0	3.34	61.70	62.31	61.82	10.19	10.03	9.92	-19.90	-35.24	-46.07	0.12		
7.0	3.39	64.98	65.68	65.38	10.17	10.01	9.85	-19.97	-34.93	-44.12	0.13		
8.0	3.41	68.26	69.09	69.01	10.18	9.99	9.78	-20.14	-34.67	-42.46	0.13		
9.0	3.36	71.53	72.48	72.62	10.19	9.95	9.68	-20.34	-34.63	-41.07	0.13		
10.0	3.27	74.80	75.80	76.13	10.19	9.91	9.57	-20.49	-34.74	-39.89	0.13		
11.0	3.18	78.12	79.02	79.49	10.16	9.86	9.44	-20.57	-34.84	-39.16	0.13		
12.0	3.13	81.50	82.17	82.75	10.11	9.79	9.29	-20.63	-34.97	-38.53	0.12		
13.0	3.17	84.93	85.31	85.95	10.02	9.68	9.11	-20.75	-35.12	-38.19	0.10		
14.0	3.30	88.49	88.53	89.20	9.91	9.55	8.92	-20.96	-35.22	-37.90	0.06		
15.0	3.54	92.25	91.95	92.59	9.77	9.38	8.70	-21.26	-35.20	-37.61	0.00		
16.0	3.84	96.24	95.65	96.21	9.60	9.18	8.44	-21.67	-35.09	-37.12	-0.08		
17.0	4.12	100.53	99.62	100.12	9.41	8.94	8.15	-22.34	-34.73	-36.48	-0.18		
18.0	4.43	105.04	103.89	104.33	9.20	8.67	7.81	-23.25	-34.26	-35.81	-0.35		
19.0	4.61	109.69	108.43	108.80	8.99	8.37	7.44	-24.51	-33.65	-35.06	-0.55		
20.0	4.55	114.24	113.04	113.41	8.77	8.04	7.03	-26.07	-32.88	-34.42	-0.71		
21.0	4.29	118.48	117.49	117.90	8.56	7.71	6.63	-27.80	-32.07	-34.03	-0.82		
22.0	3.88	122.29	121.55	122.05	8.37	7.42	6.27	-29.42	-31.28	-33.65	-0.91		