

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	6.40	83.39	82.69	82.17	9.50	9.62	9.34	-15.77	-38.06	-55.58	-0.26	1	-102
0.5	4.80	85.97	85.42	85.04	9.81	9.91	9.86	-16.52	-37.96	-56.19	-0.13	10	-127
1.0	4.44	88.17	87.70	87.30	10.38	10.55	10.22	-17.54	-38.92	-56.28	-0.13	100	-147
1.5	4.27	90.11	89.60	89.22	10.19	10.35	10.20	-18.39	-39.70	-55.90	-0.13	1000	-167
2.0	3.20	91.80	91.26	90.90	10.94	11.16	10.75	-19.13	-40.48	-55.66	-0.09		
2.5	3.02	93.38	92.80	92.45	10.32	10.44	10.31	-19.81	-41.20	-55.63	-0.13		
3.0	2.67	94.85	94.34	93.93	10.13	10.01	10.14	-20.14	-41.50	-55.40	-0.13		
3.5	2.67	96.36	95.74	95.37	10.43	10.38	10.65	-20.68	-42.01	-54.83	-0.06		
4.0	2.84	97.79	97.22	96.78	10.91	11.03	11.18	-21.25	-42.60	-54.22	-0.06		
4.5	3.20	99.20	98.56	98.20	10.36	10.64	10.63	-22.10	-43.43	-54.66	-0.13		
5.0	2.67	100.67	100.07	99.62	9.94	10.56	10.30	-22.80	-44.26	-54.51	-0.04		
5.5	3.20	102.14	101.50	101.06	11.55	11.59	11.16	-23.33	-44.97	-54.75	-0.06		
6.0	2.67	103.55	102.98	102.52	10.15	10.08	10.06	-23.41	-45.31	-53.67	0.00		
6.5	3.20	105.09	104.45	104.00	11.38	11.44	10.90	-24.33	-46.63	-54.04	-0.09		
7.0	3.02	106.56	105.92	105.49	10.36	10.19	10.32	-24.51	-47.04	-53.33	-0.04		
7.5	2.67	108.10	107.39	106.99	11.05	10.95	10.86	-25.24	-48.04	-53.19	-0.06		
8.0	3.02	109.50	108.93	108.48	10.72	10.59	10.39	-25.72	-48.64	-52.90	-0.11		
8.5	3.02	110.98	110.34	109.95	10.30	10.46	10.14	-26.28	-49.36	-52.68	-0.11		
9.0	3.20	112.38	111.81	111.39	9.78	9.98	9.89	-26.58	-49.82	-52.53	-0.13		
9.5	2.84	113.71	113.22	112.78	10.35	10.54	10.07	-26.99	-50.09	-52.28	-0.19		
10.0	2.84	115.03	114.56	114.13	10.62	10.53	10.17	-27.25	-50.33	-52.50	-0.15		
10.5	2.67	116.35	115.78	115.41	10.22	10.46	10.24	-27.45	-49.98	-52.88	-0.19		
11.0	2.31	117.55	116.97	116.62	9.70	9.79	9.56	-27.58	-50.00	-52.80	-0.17		
11.5	2.49	118.68	118.14	117.76	9.86	9.85	9.63	-27.65	-49.69	-52.68	-0.19		
12.0	2.13	119.74	119.23	118.83	9.37	9.29	9.05	-27.74	-49.43	-52.66	-0.13		