

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	14.25	511.30	508.54	507.84	7.04	7.45	7.42	-29.76	-43.14	-39.05	-0.38	1	-92
1.0	10.76	522.60	520.56	519.60	7.04	7.50	7.49	-32.47	-43.52	-38.65	0.00	10	-119
2.0	10.53	533.20	531.09	530.13	7.12	7.56	7.54	-35.12	-44.10	-38.58	0.02	100	-139
3.0	10.84	544.08	541.77	540.79	7.16	7.64	7.63	-37.98	-43.88	-40.48	-0.09	1000	-159
4.0	11.35	555.41	553.08	551.91	7.27	7.74	7.72	-41.80	-43.62	-39.90	0.00		
5.0	12.09	567.39	565.00	563.78	7.38	7.80	7.76	-47.56	-43.34	-39.80	0.07		
6.0	12.64	579.90	577.41	576.16	7.43	7.84	7.81	-54.56	-42.78	-40.37	-0.20		
7.0	12.32	592.47	590.04	588.67	7.49	7.86	7.84	-49.24	-42.01	-41.11	0.00		
8.0	12.01	604.82	602.40	600.99	7.47	7.86	7.87	-45.15	-40.75	-41.93	-0.13		
9.0	11.64	616.79	614.36	612.89	7.50	7.87	7.87	-42.57	-38.59	-42.71	-0.13		
10.0	11.08	628.12	625.75	624.27	7.51	7.87	7.86	-40.75	-36.84	-43.30	-0.24		
11.0	10.47	638.91	636.48	634.94	7.54	7.87	7.84	-39.18	-35.61	-43.60	-0.26		
12.0	9.86	648.99	646.56	645.02	7.57	7.84	7.79	-38.18	-34.86	-43.74	-0.26		
13.0	8.49	658.22	655.73	654.24	7.53	7.78	7.70	-38.95	-34.21	-43.73	-0.36		
14.0	7.78	666.40	663.97	662.37	7.47	7.70	7.60	-37.74	-34.08	-44.22	-0.26		
15.0	6.77	673.58	671.13	669.54	7.41	7.60	7.48	-36.86	-33.78	-44.38	-0.17		
16.0	5.69	679.69	677.25	675.62	7.33	7.49	7.36	-36.19	-33.84	-44.69	-0.27		
17.0	4.95	684.92	682.49	680.86	7.25	7.39	7.24	-35.68	-33.65	-44.86	-0.06		
18.0	4.36	689.40	686.98	685.38	7.18	7.28	7.12	-35.30	-33.36	-45.34	-0.21		
19.0	3.70	693.27	690.84	689.24	7.10	7.18	7.01	-35.01	-33.37	-45.52	0.03		
20.0	3.15	696.57	694.15	692.54	7.03	7.08	6.91	-34.72	-33.40	-45.79	-0.08		
21.0	2.59	699.43	697.00	695.39	6.96	6.99	6.81	-34.48	-33.20	-46.08	0.01		
22.0	2.33	701.89	699.52	697.86	6.90	6.91	6.72	-34.23	-33.06	-46.47	0.00		