

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	23.11	791.62	790.34	786.94	6.25	6.03	4.95	-21.48	-37.38	-47.26	-0.93	1	-93
0.5	18.80	802.08	801.05	797.76	6.50	6.32	5.51	-20.84	-36.33	-42.25	-0.70	10	-121
1.0	16.32	810.91	809.88	806.56	6.62	6.45	5.78	-20.71	-35.70	-40.14	-0.35	100	-143
1.5	14.93	818.75	817.73	814.51	6.73	6.56	5.98	-20.72	-35.15	-38.56	-0.31	1000	-163
2.0	14.50	826.08	825.12	821.85	6.83	6.64	6.14	-20.70	-34.72	-37.02	-0.23		
2.5	13.95	833.07	832.16	828.90	6.91	6.71	6.25	-20.69	-34.36	-36.27	-0.26		
3.0	13.27	839.87	838.87	835.73	6.98	6.77	6.35	-20.83	-34.19	-35.57	-0.16		
3.5	13.16	846.46	845.50	842.36	7.05	6.82	6.42	-21.06	-33.98	-34.81	-0.23		
4.0	12.60	852.86	851.84	848.80	7.09	6.85	6.47	-21.19	-33.69	-34.18	-0.23		
4.5	12.44	859.01	858.05	855.10	7.16	6.89	6.51	-21.32	-33.66	-33.90	-0.35		
5.0	11.93	865.05	864.12	861.21	7.19	6.90	6.53	-21.41	-33.72	-33.93	-0.23		
5.5	11.73	870.97	870.01	867.19	7.23	6.93	6.58	-21.56	-33.67	-33.62	-0.25		
6.0	11.26	876.67	875.75	872.98	7.25	6.94	6.60	-21.84	-33.74	-33.40	-0.27		
6.5	11.02	882.28	881.37	878.61	7.26	6.94	6.61	-22.18	-33.65	-33.41	-0.26		
7.0	10.67	887.79	886.83	884.07	7.26	6.92	6.60	-22.56	-33.68	-33.00	-0.35		
7.5	10.43	893.03	892.10	889.45	7.24	6.91	6.60	-22.94	-33.69	-32.88	-0.35		
8.0	10.00	898.20	897.31	894.68	7.25	6.88	6.57	-23.32	-33.78	-33.04	-0.25		
8.5	9.96	903.25	902.29	899.73	7.24	6.87	6.54	-23.76	-33.84	-32.97	-0.23		
9.0	9.60	908.16	907.14	904.64	7.21	6.83	6.53	-24.28	-33.97	-32.88	-0.35		
9.5	9.60	912.91	911.92	909.39	7.19	6.83	6.52	-24.92	-34.14	-33.05	-0.30		
10.0	9.24	917.59	916.52	914.08	7.19	6.78	6.50	-25.58	-33.98	-33.01	-0.25		
10.5	8.65	922.03	921.02	918.57	7.16	6.78	6.47	-26.19	-33.87	-33.02	-0.43		
11.0	8.53	926.43	925.35	922.94	7.12	6.72	6.43	-26.81	-33.71	-32.99	-0.44		
11.5	8.18	930.58	929.51	927.19	7.13	6.71	6.39	-27.50	-33.66	-32.93	-0.35		
12.0	8.41	934.70	933.63	931.26	7.04	6.64	6.35	-28.42	-33.44	-34.76	-0.47		
12.5	7.47	938.61	937.47	935.22	6.98	6.58	6.29	-29.03	-33.24	-34.97	-0.35		
13.0	7.47	942.36	941.24	938.97	6.95	6.58	6.27	-29.61	-32.96	-35.18	-0.52		
13.5	7.47	945.98	944.83	942.53	6.91	6.52	6.24	-30.34	-32.79	-35.06	-0.47		
14.0	6.76	949.35	948.20	945.96	6.89	6.52	6.22	-30.90	-32.70	-35.29	-0.48		
14.5	6.36	952.64	951.49	949.25	6.84	6.47	6.18	-30.99	-32.42	-35.64	-0.45		
15.0	6.04	955.78	954.56	952.34	6.81	6.44	6.17	-32.19	-32.16	-36.42	-0.58		
15.5	5.69	958.72	957.49	955.38	6.78	6.41	6.13	-31.62	-31.91	-36.51	-0.58		
16.0	5.61	961.55	960.27	958.16	6.78	6.42	6.11	-31.97	-31.60	-36.96	-0.67		
16.5	5.21	964.22	962.97	960.79	6.75	6.37	6.10	-33.02	-31.34	-37.11	-0.70		
17.0	4.98	966.73	965.45	963.28	6.72	6.36	6.07	-32.49	-31.20	-37.27	-0.70		
17.5	4.62	969.13	967.82	965.67	6.68	6.33	6.04	-34.44	-30.96	-37.62	-0.57		
18.0	4.62	971.39	970.05	967.87	6.65	6.32	6.03	-34.24	-30.67	-38.57	-0.70		