

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	100.48	510.46	494.27	484.96	9.24	9.93	8.55	-15.32	-22.78	-27.33	2.30	1	-79
0.50	82.30	558.85	544.51	534.98	8.39	9.29	8.29	-18.14	-26.56	-29.39	1.54	10	-104
1.00	73.86	599.23	585.66	575.94	7.88	8.85	8.19	-19.86	-27.48	-31.83	1.15	100	-124
1.50	69.38	635.58	622.59	612.48	7.51	8.51	8.04	-21.05	-26.89	-35.32	0.90	1000	-144
2.00	67.20	670.02	657.28	646.85	7.20	8.19	7.83	-22.55	-26.00	-39.74	0.51		
2.50	66.05	703.62	690.88	680.19	6.96	7.90	7.61	-23.86	-25.25	-46.99	0.38		
3.00	65.54	736.70	723.90	713.09	6.77	7.71	7.50	-25.76	-25.15	-57.40	0.26		
3.50	65.41	769.66	756.67	745.79	6.63	7.61	7.40	-27.53	-25.33	-47.78	0.13		
4.00	66.05	802.69	789.38	778.24	6.51	7.51	7.29	-29.69	-26.48	-44.48	0.00		
4.50	66.30	835.97	822.40	810.88	6.43	7.37	7.14	-32.38	-28.04	-42.81	0.13		
5.00	66.18	869.44	855.55	843.65	6.43	7.30	7.04	-33.82	-30.16	-42.20	0.00		
5.50	66.05	902.78	888.64	876.42	6.50	7.34	7.02	-33.21	-33.52	-42.60	0.00		
6.00	65.79	936.06	921.66	909.12	6.62	7.39	7.01	-30.56	-38.73	-42.55	0.13		
6.50	65.28	969.15	954.56	941.63	6.69	7.35	7.02	-29.05	-46.38	-40.11	0.00		
7.00	64.26	1001.86	987.20	973.89	6.75	7.26	6.99	-27.82	-42.66	-38.66	0.00		
7.50	63.10	1034.18	1019.33	1005.89	6.77	7.26	7.00	-27.42	-37.88	-36.99	0.26		
8.00	62.08	1065.92	1050.88	1037.44	6.83	7.38	6.97	-27.69	-35.04	-36.24	0.26		
8.50	61.31	1097.09	1081.92	1068.35	6.91	7.46	6.95	-28.26	-33.65	-35.74	0.38		
9.00	60.42	1127.87	1112.58	1098.50	6.93	7.36	6.97	-28.79	-31.92	-35.26	0.51		
9.50	59.14	1158.27	1142.78	1128.13	6.89	7.24	6.97	-29.72	-31.36	-34.34	0.64		
10.00	58.11	1188.29	1172.35	1157.44	6.80	7.21	6.93	-31.96	-31.48	-33.39	0.77		
10.50	56.96	1217.79	1201.41	1186.18	6.83	7.30	6.84	-34.93	-31.67	-33.34	1.02		
11.00	55.94	1246.91	1229.89	1214.14	6.85	7.35	6.92	-38.35	-31.78	-34.09	1.28		
11.50	54.78	1275.46	1257.86	1241.28	6.84	7.31	7.02	-41.81	-30.76	-34.24	1.54		
12.00	53.25	1303.49	1285.25	1267.97	6.77	7.26	7.02	-44.77	-29.19	-34.18	2.05		
12.50	51.46	1330.82	1311.87	1294.02	6.65	7.27	6.90	-43.96	-27.82	-34.42	2.43		
13.00	49.54	1357.18	1337.60	1318.98	6.74	7.23	6.86	-44.06	-26.62	-35.04	2.69		
13.50	47.10	1382.66	1362.37	1342.91	6.82	7.26	6.89	-44.76	-25.93	-35.06	2.94		
14.00	47.10	1407.36	1385.92	1365.82	6.72	7.39	6.83	-45.25	-25.32	-35.97	3.20		