

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	4.45	1065.07	1063.11	1061.31	4.78	4.61	4.14	-17.48	-42.64	-31.24	0.02	1	-100
0.5	3.69	1067.04	1065.15	1063.46	4.78	4.62	4.16	-17.32	-42.46	-31.41	0.05	10	-126
1.0	3.34	1068.77	1066.90	1065.23	4.80	4.65	4.20	-17.25	-42.62	-31.52	0.05	100	-146
1.5	3.19	1070.39	1068.52	1066.86	4.85	4.70	4.27	-17.27	-43.26	-31.22	0.06	1000	-166
2.0	3.12	1071.97	1070.10	1068.44	4.87	4.74	4.32	-17.34	-43.77	-30.86	0.06		
2.5	3.08	1073.52	1071.64	1069.98	4.92	4.79	4.38	-17.42	-43.88	-30.48	0.06		
3.0	3.06	1075.06	1073.18	1071.51	4.94	4.82	4.41	-17.52	-43.50	-30.13	0.06		
3.5	3.03	1076.59	1074.70	1073.03	4.98	4.86	4.47	-17.62	-43.32	-29.86	0.06		
4.0	3.01	1078.10	1076.21	1074.54	5.02	4.90	4.52	-17.70	-43.19	-29.67	0.05		
4.5	2.98	1079.61	1077.71	1076.04	5.04	4.93	4.55	-17.78	-43.23	-29.56	0.05		
5.0	2.96	1081.10	1079.19	1077.52	5.07	4.96	4.59	-17.84	-43.59	-29.44	0.05		
5.5	2.92	1082.57	1080.66	1078.99	5.11	5.00	4.63	-17.87	-44.19	-29.27	0.05		
6.0	2.89	1084.03	1082.12	1080.44	5.14	5.02	4.67	-17.86	-44.78	-29.04	0.05		
6.5	2.85	1085.47	1083.55	1081.87	5.18	5.06	4.70	-17.82	-45.03	-28.80	0.05		
7.0	2.81	1086.89	1084.97	1083.28	5.22	5.09	4.74	-17.74	-45.13	-28.53	0.05		
7.5	2.77	1088.28	1086.36	1084.68	5.25	5.13	4.77	-17.66	-45.19	-28.24	0.05		
8.0	2.73	1089.66	1087.74	1086.06	5.27	5.14	4.79	-17.56	-45.19	-27.98	0.06		
8.5	2.70	1091.02	1089.10	1087.41	5.29	5.17	4.82	-17.47	-45.18	-27.80	0.06		
9.0	2.65	1092.36	1090.44	1088.75	5.32	5.20	4.85	-17.39	-45.13	-27.66	0.05		
9.5	2.61	1093.68	1091.75	1090.07	5.34	5.22	4.87	-17.35	-45.32	-27.63	0.05		
10.0	2.56	1094.97	1093.04	1091.36	5.38	5.25	4.90	-17.35	-45.80	-27.58	0.05		
10.5	2.50	1096.24	1094.31	1092.63	5.41	5.28	4.93	-17.38	-46.28	-27.54	0.05		
11.0	2.44	1097.47	1095.54	1093.87	5.44	5.30	4.95	-17.42	-46.64	-27.51	0.04		
11.5	2.37	1098.66	1096.74	1095.07	5.47	5.33	4.98	-17.50	-46.65	-27.42	0.04		
12.0	2.29	1099.82	1097.91	1096.24	5.49	5.35	5.00	-17.60	-46.75	-27.31	0.04		
12.5	2.21	1100.94	1099.03	1097.37	5.52	5.37	5.02	-17.72	-46.38	-27.13	0.03		
13.0	2.13	1102.03	1100.12	1098.46	5.53	5.38	5.03	-17.83	-45.80	-27.00	0.03		
13.5	2.05	1103.06	1101.17	1099.52	5.54	5.39	5.04	-17.95	-45.20	-26.90	0.03		
14.0	1.98	1104.06	1102.17	1100.53	5.54	5.39	5.04	-18.05	-44.20	-26.89	0.02		