

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			
0.20	26.92	988.63	984.74	981.17	-0.12	0.12	0.10	-28.06	-31.58	-29.93	0.12	1	-86
0.40	25.94	993.83	989.93	986.33	-0.10	0.15	0.14	-27.75	-30.66	-29.49	0.05	10	-111
0.60	25.72	999.03	995.07	991.40	-0.08	0.19	0.18	-27.72	-29.91	-29.04	0.02	100	-131
0.80	25.96	1004.30	1000.26	996.49	-0.06	0.21	0.21	-27.39	-29.24	-28.83	0.00	1000	-147
1.00	26.46	1009.73	1005.56	1001.69	-0.06	0.22	0.24	-26.92	-28.99	-28.23	0.03		
1.20	27.67	1015.41	1011.09	1007.09	-0.07	0.22	0.25	-26.44	-28.28	-28.08	0.05		
1.40	28.93	1021.37	1016.88	1012.72	-0.08	0.21	0.27	-25.84	-28.26	-27.20	0.10		
1.60	30.50	1027.63	1022.98	1018.65	-0.06	0.22	0.25	-25.15	-27.60	-27.00	0.08		
1.80	31.66	1034.16	1029.31	1024.87	-0.05	0.22	0.24	-24.72	-27.23	-26.86	0.05		
2.00	33.72	1041.07	1036.05	1031.41	0.01	0.24	0.25	-24.24	-27.04	-26.82	0.00		
2.20	34.94	1048.16	1043.04	1038.28	0.09	0.31	0.29	-23.81	-26.50	-26.15	0.16		
2.40	35.77	1055.41	1050.19	1045.33	0.18	0.40	0.36	-23.49	-25.92	-26.22	0.36		
2.60	36.56	1062.77	1057.51	1052.56	0.26	0.49	0.45	-23.41	-25.60	-26.24	0.62		
2.80	36.89	1070.14	1064.88	1059.91	0.30	0.56	0.54	-23.39	-25.20	-25.59	0.88		
3.00	36.80	1077.48	1072.24	1067.25	0.28	0.58	0.59	-23.36	-24.96	-26.03	1.16		
3.20	36.31	1084.66	1079.51	1074.52	0.27	0.58	0.62	-23.45	-24.58	-26.26	1.51		
3.40	35.42	1091.67	1086.59	1081.67	0.22	0.55	0.60	-23.59	-24.20	-26.12	1.84		
3.60	34.37	1098.42	1093.46	1088.60	0.19	0.52	0.57	-23.91	-24.12	-27.04	2.23		
3.80	32.89	1104.86	1100.04	1095.27	0.17	0.49	0.53	-24.37	-24.02	-27.57	2.53		
4.00	31.13	1110.94	1106.27	1101.58	0.19	0.49	0.51	-24.50	-23.82	-27.85	2.84		
4.20	29.43	1116.67	1112.15	1107.54	0.24	0.52	0.53	-24.96	-23.74	-28.47	3.06		
4.40	27.47	1122.02	1117.65	1113.12	0.26	0.56	0.56	-25.42	-23.62	-29.09	3.22		
4.60	25.58	1127.08	1122.76	1118.31	0.27	0.58	0.59	-25.76	-23.53	-29.48	3.35		
4.80	23.55	1131.67	1127.47	1123.11	0.29	0.62	0.62	-26.24	-23.30	-29.91	3.35		
5.00	21.41	1135.89	1131.76	1127.45	0.28	0.63	0.66	-26.53	-23.09	-30.06	3.32		
5.20	19.56	1139.76	1135.67	1131.33	0.27	0.63	0.67	-26.86	-22.89	-31.03	3.26		
5.40	17.61	1143.28	1139.19	1134.82	0.26	0.62	0.67	-27.25	-22.78	-31.77	3.06		
5.60	15.94	1146.48	1142.38	1137.97	0.25	0.62	0.66	-27.67	-22.59	-32.31	2.86		
5.80	14.21	1149.36	1145.22	1140.76	0.23	0.61	0.67	-27.76	-22.36	-32.14	2.62		
6.00	12.61	1151.91	1147.74	1143.19	0.22	0.59	0.65	-28.05	-22.22	-32.61	2.31		
6.20	11.09	1154.19	1149.96	1145.34	0.21	0.59	0.65	-28.12	-22.22	-32.68	2.03		
6.40	9.70	1156.20	1151.90	1147.20	0.21	0.58	0.65	-28.31	-22.20	-32.98	1.69		
6.60	8.46	1157.96	1153.59	1148.82	0.20	0.58	0.64	-28.69	-22.06	-33.00	1.39		
6.80	7.32	1159.47	1155.05	1150.20	0.20	0.57	0.64	-28.71	-22.08	-33.55	1.10		
7.00	6.38	1160.78	1156.33	1151.41	0.19	0.57	0.63	-28.99	-22.09	-33.75	0.84		
7.20	5.47	1161.93	1157.42	1152.46	0.19	0.56	0.63	-28.73	-21.86	-34.15	0.64		
7.40	4.86	1162.93	1158.40	1153.38	0.20	0.57	0.63	-29.13	-21.97	-34.29	0.44		
7.60	4.21	1163.80	1159.24	1154.18	0.20	0.57	0.63	-29.06	-22.05	-34.43	0.25		
7.80	3.74	1164.56	1159.99	1154.90	0.19	0.57	0.62	-29.18	-21.94	-34.67	0.14		
8.00	3.36	1165.23	1160.66	1155.55	0.20	0.57	0.63	-29.26	-21.94	-34.37	0.03		