

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			
0.00	4.60	1985.85	1984.31	1982.46	4.05	4.49	4.48	-23.06	-20.71	0.00	1	-95
0.25	4.60	1987.00	1985.47	1983.74	4.08	4.52	4.52	-22.98	-20.69	0.13	10	-120
0.50	4.60	1988.16	1986.62	1984.89	4.10	4.55	4.55	-22.90	-20.68	0.13	100	-140
0.75	4.35	1989.18	1987.77	1985.98	4.13	4.57	4.58	-22.80	-20.68	0.00	1000	-160
1.00	4.60	1990.27	1988.86	1987.07	4.15	4.60	4.61	-22.75	-20.66	0.00		
1.25	4.60	1991.42	1990.01	1988.16	4.17	4.62	4.64	-22.66	-20.67	0.13		
1.50	4.86	1992.64	1991.16	1989.37	4.20	4.65	4.67	-22.61	-20.71	0.00		
1.75	5.37	1993.92	1992.38	1990.59	4.22	4.68	4.71	-22.55	-20.73	0.00		
2.00	5.88	1995.32	1993.72	1991.93	4.25	4.71	4.74	-22.47	-20.78	0.00		
2.25	6.65	1996.86	1995.20	1993.40	4.28	4.74	4.78	-22.41	-20.82	0.00		
2.50	6.65	1998.46	1996.86	1994.94	4.30	4.78	4.82	-22.38	-20.94	0.00		
2.75	7.68	2000.25	1998.52	1996.67	4.33	4.81	4.86	-22.32	-20.98	0.00		
3.00	7.16	2002.11	2000.44	1998.46	4.35	4.85	4.90	-22.27	-21.10	0.00		
3.25	8.19	2003.96	2002.24	2000.31	4.37	4.88	4.94	-22.21	-21.19	0.13		
3.50	7.68	2005.95	2004.28	2002.24	4.39	4.91	4.98	-22.16	-21.25	0.13		
3.75	7.68	2007.93	2006.20	2004.16	4.41	4.94	5.01	-22.12	-21.30	0.26		
4.00	7.16	2009.79	2008.12	2006.08	4.42	4.97	5.05	-22.08	-21.35	0.26		
4.25	6.65	2011.58	2009.92	2007.87	4.44	4.99	5.08	-22.04	-21.31	0.38		
4.50	6.40	2013.24	2011.58	2009.60	4.45	5.02	5.11	-22.04	-21.29	0.26		
4.75	5.63	2014.78	2013.18	2011.13	4.46	5.04	5.13	-22.04	-21.23	0.26		
5.00	4.86	2016.19	2014.59	2012.54	4.47	5.06	5.15	-22.03	-21.16	0.38		
5.25	4.86	2017.40	2015.80	2013.88	4.48	5.07	5.17	-22.02	-21.13	0.13		
5.50	4.09	2018.62	2017.02	2015.10	4.48	5.08	5.18	-22.03	-21.05	0.26		
5.75	3.84	2019.64	2018.04	2016.12	4.49	5.10	5.20	-22.03	-21.03	0.26		
6.00	3.58	2020.60	2019.00	2017.08	4.50	5.11	5.21	-22.01	-20.96	0.13		
6.25	3.07	2021.43	2019.90	2017.98	4.50	5.12	5.22	-22.02	-20.94	0.13		
6.50	3.32	2022.27	2020.67	2018.81	4.51	5.13	5.23	-22.03	-20.93	0.13		
6.75	2.81	2022.97	2021.50	2019.58	4.52	5.13	5.23	-22.02	-20.86	0.00		
7.00	2.81	2023.74	2022.20	2020.35	4.52	5.14	5.24	-22.02	-20.86	0.13		