

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	28.80	735.55	731.26	729.92	0.81	0.10	-0.69	-17.33	-50.26	-42.74	-2.05	1	-88
1.00	18.88	758.27	754.50	752.90	0.83	0.23	-0.20	-18.71	-48.21	-42.82	-1.02	10	-113
2.00	15.68	775.55	771.58	769.66	0.91	0.55	0.27	-19.60	-46.09	-42.99	-0.90	100	-133
3.00	14.40	791.04	786.75	784.45	0.59	0.46	0.28	-20.28	-44.75	-42.54	-0.51	1000	-153
4.00	13.76	805.76	801.02	798.46	0.61	0.60	0.48	-20.94	-42.51	-41.22	-0.38		
5.00	14.08	820.22	815.17	812.29	0.55	0.66	0.58	-21.52	-40.14	-40.52	-0.51		
6.00	14.40	834.94	829.44	826.24	0.70	0.83	0.75	-21.76	-37.83	-39.25	-0.26		
7.00	15.04	850.05	844.03	840.58	0.92	1.01	0.88	-21.59	-35.33	-38.65	-0.26		
8.00	15.36	865.47	859.20	855.36	1.18	1.18	1.02	-21.69	-33.70	-37.93	-0.13		
9.00	15.36	881.41	874.62	870.66	1.38	1.25	1.00	-21.83	-30.92	-38.09	-0.26		
10.00	15.68	896.64	889.92	886.40	1.12	1.11	0.84	-22.21	-29.57	-40.13	-0.64		
11.00	17.60	913.22	906.75	903.30	0.46	0.67	0.51	-23.99	-29.42	-44.34	-1.02		
12.00	16.64	930.94	924.10	920.26	-0.07	0.23	0.20	-26.30	-29.94	-40.93	-0.90		
13.00	15.36	947.33	940.22	936.13	-0.03	0.25	0.23	-27.92	-31.08	-38.42	-0.77		
14.00	14.08	962.18	954.88	950.53	-0.04	0.20	0.18	-29.10	-32.20	-37.04	-0.90		
15.00	12.16	975.62	968.00	963.46	0.03	0.30	0.27	-30.21	-33.58	-36.35	-0.77		
16.00	10.88	987.71	979.84	975.04	0.12	0.37	0.33	-31.10	-34.87	-36.21	-0.64		
17.00	9.92	998.53	990.40	985.41	0.26	0.45	0.39	-31.91	-35.84	-35.89	-0.51		
18.00	8.96	1008.32	1000.00	994.62	0.36	0.54	0.44	-32.60	-37.06	-35.72	-0.38		
19.00	8.32	1017.22	1008.58	1002.94	0.74	0.94	0.83	-33.36	-38.35	-35.99	0.00		
20.00	7.36	1025.28	1016.38	1010.56	1.14	1.34	1.23	-33.98	-39.43	-36.11	0.13		