

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	24.55	3749.31	3741.69	3737.01	4.09	3.70	1.85	-33.78	-36.39	-58.81	-0.37	1	-80
0.5	20.08	3760.17	3753.01	3748.66	4.07	3.61	1.86	-33.61	-37.05	-57.05	-0.27	10	-105
1.0	17.81	3769.53	3762.39	3758.02	4.32	3.85	2.19	-32.48	-35.94	-59.07	-0.25	100	-125
1.5	16.78	3778.20	3771.01	3766.54	4.52	4.05	2.48	-31.51	-36.75	-61.27	-0.25	1000	-145
2.0	16.07	3786.40	3779.22	3774.68	4.66	4.17	2.64	-30.66	-35.68	-61.04	-0.24		
2.5	15.49	3794.25	3787.10	3782.53	4.70	4.20	2.68	-29.63	-36.57	-60.23	-0.24		
3.0	15.09	3801.89	3794.74	3790.12	4.76	4.23	2.70	-29.16	-36.40	-60.09	-0.24		
3.5	14.90	3809.43	3802.23	3797.54	4.78	4.26	2.70	-29.02	-36.56	-60.87	-0.25		
4.0	14.88	3816.95	3809.67	3804.88	4.82	4.31	2.76	-28.48	-37.18	-60.34	-0.25		
4.5	14.97	3824.48	3817.13	3812.24	4.86	4.36	2.84	-27.57	-36.60	-62.65	-0.24		
5.0	15.13	3832.07	3824.65	3819.66	4.92	4.40	2.92	-26.86	-37.49	-62.20	-0.23		
5.5	15.30	3839.72	3832.26	3827.17	4.98	4.44	2.97	-26.27	-36.78	-62.95	-0.22		
6.0	15.44	3847.41	3839.94	3834.77	5.05	4.48	2.98	-25.38	-36.83	-63.92	-0.21		
6.5	15.57	3855.17	3847.69	3842.45	5.07	4.50	2.95	-24.90	-37.24	-63.60	-0.19		
7.0	15.79	3863.08	3855.52	3850.20	5.10	4.52	2.93	-24.92	-37.00	-64.03	-0.18		
7.5	16.22	3871.24	3863.52	3858.07	5.11	4.54	2.95	-24.37	-38.15	-63.81	-0.16		
8.0	16.92	3879.71	3871.79	3866.17	5.14	4.57	3.00	-23.49	-37.48	-63.39	-0.13		
8.5	17.56	3888.42	3880.43	3874.63	5.15	4.57	3.01	-23.30	-38.67	-63.15	-0.10		
9.0	17.89	3897.26	3889.30	3883.42	5.18	4.58	3.00	-23.03	-38.64	-62.65	-0.06		
9.5	18.19	3906.31	3898.31	3892.40	5.18	4.56	2.93	-22.50	-40.47	-62.19	-0.04		
10.0	18.74	3915.65	3907.53	3901.52	5.19	4.56	2.86	-22.81	-39.94	-62.49	-0.02		
10.5	19.39	3925.28	3917.06	3910.90	5.24	4.62	2.88	-22.89	-41.77	-61.26	0.00		
11.0	19.81	3935.06	3926.88	3920.62	5.30	4.70	3.00	-22.29	-41.47	-63.02	0.01		
11.5	19.96	3944.98	3936.83	3930.55	5.35	4.74	3.08	-22.36	-42.73	-62.83	0.01		
12.0	20.28	3955.09	3946.88	3940.56	5.36	4.71	3.00	-22.25	-42.81	-62.23	-0.01		
12.5	20.63	3965.34	3957.12	3950.71	5.49	4.82	3.01	-22.05	-43.98	-61.88	-0.03		
13.0	20.55	3975.56	3967.43	3961.03	5.41	4.72	2.84	-22.31	-45.41	-63.93	-0.07		
13.5	20.34	3985.74	3977.65	3971.31	5.35	4.69	2.83	-21.85	-45.85	-63.11	-0.11		
14.0	20.36	3995.99	3987.81	3981.46	5.34	4.66	2.83	-21.72	-48.05	-62.75	-0.16		
14.5	20.41	4006.22	3998.02	3991.60	5.39	4.67	2.78	-21.76	-48.59	-59.14	-0.20		
15.0	19.94	4016.21	4008.13	4001.74	5.41	4.68	2.70	-21.38	-50.65	-60.53	-0.25		
15.5	19.12	4025.82	4017.90	4011.61	5.42	4.69	2.66	-21.90	-51.27	-60.64	-0.29		
16.0	18.35	4035.10	4027.26	4021.05	5.40	4.68	2.68	-21.90	-51.38	-60.98	-0.31		
16.5	17.70	4044.08	4036.27	4030.06	5.40	4.70	2.75	-21.67	-52.97	-61.67	-0.32		
17.0	17.02	4052.75	4044.95	4038.73	5.38	4.66	2.73	-21.83	-54.13	-62.03	-0.32		
17.5	16.32	4061.09	4053.29	4047.06	5.38	4.63	2.65	-22.04	-54.73	-61.92	-0.32		
18.0	15.66	4069.09	4061.29	4055.03	5.34	4.56	2.50	-21.79	-56.80	-62.24	-0.31		
18.5	14.94	4076.72	4068.94	4062.66	5.28	4.48	2.35	-21.97	-58.35	-63.02	-0.29		
19.0	14.15	4083.96	4076.21	4069.94	5.24	4.44	2.28	-22.27	-59.25	-62.30	-0.28		
19.5	13.34	4090.82	4083.08	4076.82	5.19	4.42	2.27	-22.02	-62.61	-62.32	-0.28		
20.0	12.74	4097.34	4089.56	4083.30	5.17	4.41	2.29	-21.78	-63.58	-62.38	-0.28		