

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	51.91	2805.21	2794.88	2789.25	4.23	3.82	3.17	-24.96	-17.46	-56.19	-0.48	1	-75
0.5	44.56	2828.85	2819.14	2813.93	4.60	4.09	3.47	-24.17	-17.76	-54.13	-0.32	10	-102
1.0	40.77	2849.91	2840.33	2835.01	4.82	4.31	3.62	-23.97	-18.37	-52.81	-0.23	100	-123
1.5	38.76	2869.76	2860.07	2854.59	4.99	4.50	3.79	-23.91	-18.97	-53.19	-0.16	1000	-145
2.0	37.61	2888.95	2879.20	2873.44	5.17	4.69	4.00	-23.88	-19.49	-52.10	-0.16		
2.5	37.06	2907.75	2897.88	2891.85	5.32	4.87	4.17	-23.80	-20.03	-51.82	-0.22		
3.0	36.98	2926.38	2916.31	2910.01	5.48	5.02	4.31	-23.90	-20.52	-52.97	-0.19		
3.5	36.62	2944.92	2934.67	2928.10	5.71	5.18	4.44	-24.25	-21.15	-53.55	-0.16		
4.0	36.98	2963.62	2953.03	2946.17	5.85	5.32	4.59	-24.68	-21.95	-53.20	-0.20		
4.5	37.33	2982.38	2971.65	2964.48	5.99	5.46	4.73	-24.89	-22.78	-54.54	-0.24		
5.0	37.33	3001.29	2990.26	2982.89	6.00	5.57	4.86	-25.11	-23.94	-55.45	-0.16		
5.5	38.00	3020.41	3009.14	3001.47	6.19	5.67	4.94	-25.37	-24.75	-54.12	-0.09		
6.0	38.28	3039.75	3028.16	3020.29	6.28	5.76	5.03	-25.75	-25.56	-53.65	-0.16		
6.5	38.76	3059.41	3047.42	3039.26	6.32	5.84	5.11	-26.17	-26.39	-53.48	-0.14		
7.0	39.74	3079.33	3067.04	3058.55	6.43	5.91	5.17	-26.32	-27.39	-52.89	-0.08		
7.5	39.94	3099.47	3086.95	3078.22	6.50	5.96	5.19	-26.46	-28.78	-54.33	-0.08		
8.0	40.85	3119.94	3107.17	3098.13	6.48	6.00	5.24	-26.65	-29.68	-54.62	0.00		
8.5	40.89	3140.59	3127.57	3118.36	6.50	6.04	5.31	-26.78	-30.14	-55.40	-0.01		
9.0	41.96	3161.57	3148.16	3138.73	6.49	6.07	5.36	-26.56	-30.66	-55.93	0.00		
9.5	42.35	3182.83	3169.11	3159.45	6.66	6.10	5.35	-26.32	-31.13	-55.57	0.08		
10.0	42.67	3204.22	3190.31	3180.51	6.60	6.11	5.35	-25.86	-31.14	-55.62	0.08		
10.5	42.90	3225.77	3211.65	3201.78	6.69	6.12	5.38	-25.53	-30.61	-54.49	0.19		
11.0	43.10	3247.41	3233.12	3223.18	6.59	6.12	5.34	-25.17	-30.50	-53.73	0.10		
11.5	43.10	3269.16	3254.75	3244.69	6.69	6.11	5.37	-24.94	-30.70	-53.07	0.18		
12.0	43.14	3290.97	3276.31	3266.26	6.62	6.08	5.30	-24.75	-31.05	-51.15	0.24		
12.5	42.71	3312.55	3297.94	3287.86	6.57	6.05	5.27	-24.45	-31.58	-50.47	0.16		
13.0	41.96	3333.82	3319.12	3309.20	6.54	6.03	5.29	-24.09	-31.93	-49.11	0.12		
13.5	41.24	3354.65	3339.90	3330.04	6.56	6.00	5.27	-23.85	-32.51	-48.67	0.08		
14.0	39.47	3374.89	3360.04	3350.31	6.48	5.96	5.29	-23.42	-33.40	-47.78	0.04		
14.5	37.65	3394.32	3379.38	3369.65	6.36	5.92	5.24	-23.24	-33.97	-47.69	-0.16		
15.0	35.32	3412.50	3397.65	3388.00	6.34	5.87	5.24	-23.25	-34.17	-46.63	-0.24		
15.5	31.84	3429.35	3414.39	3404.88	6.34	5.83	5.18	-22.67	-34.66	-45.67	-0.24		
16.0	28.68	3444.70	3429.62	3420.10	6.27	5.78	5.13	-22.57	-34.90	-45.47	-0.30		
16.5	25.36	3458.42	3443.18	3433.68	6.19	5.74	5.09	-22.43	-35.57	-45.74	-0.19		
17.0	22.12	3470.56	3455.14	3445.64	6.14	5.69	5.09	-22.25	-35.68	-45.29	-0.16		
17.5	19.60	3481.20	3465.60	3456.07	6.13	5.66	5.07	-22.05	-36.08	-45.07	0.04		
18.0	17.78	3490.51	3474.75	3465.18	6.09	5.64	5.02	-21.96	-36.27	-44.81	0.16		