

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			
0.50	61.31	1384.19	1377.40	1370.94	5.16	4.61	4.11	-11.11	-25.20	-36.08	1.92	1	-65
1.00	69.37	1413.95	1408.06	1402.81	4.93	4.38	3.86	-12.57	-26.34	-33.76	1.79	10	-90
1.50	92.03	1446.72	1442.75	1439.16	4.55	3.92	3.31	-16.28	-28.01	-29.74	2.18	100	-110
2.00	97.79	1496.06	1488.76	1482.62	3.35	3.07	2.56	-25.68	-27.13	-30.22	4.61	1000	-130
2.50	89.21	1549.43	1537.66	1529.60	3.16	2.99	2.42	-32.94	-23.24	-33.34	4.35		
3.00	92.92	1596.67	1582.27	1572.92	3.36	3.20	2.66	-38.40	-21.72	-32.97	3.84		
3.50	97.02	1645.43	1628.73	1617.98	3.50	3.25	2.68	-32.29	-21.28	-33.55	3.58		
4.00	103.80	1695.80	1677.24	1665.34	3.69	3.35	2.76	-27.65	-19.95	-36.69	3.33		
4.50	105.60	1749.50	1729.15	1716.03	3.81	3.40	2.78	-23.97	-19.23	-39.99	2.94		
5.00	108.67	1803.45	1781.95	1768.64	3.98	3.51	2.86	-22.55	-19.88	-41.73	2.30		
5.50	108.03	1858.68	1836.28	1821.88	4.08	3.53	2.89	-21.61	-19.17	-42.64	1.79		
6.00	106.49	1912.76	1890.30	1875.52	4.25	3.67	3.00	-20.01	-17.98	-45.29	1.15		
6.50	102.65	1967.04	1943.55	1927.74	4.27	3.71	3.07	-18.34	-18.13	-42.40	0.77		
7.00	99.20	2018.81	1994.88	1978.56	4.38	3.78	3.13	-18.72	-20.47	-38.06	0.51		
7.50	95.48	2069.95	2044.48	2026.75	4.40	3.83	3.27	-18.62	-23.47	-37.07	0.38		
8.00	89.98	2118.27	2092.22	2074.56	4.51	3.97	3.38	-17.99	-22.48	-36.56	0.51		
8.50	88.32	2165.31	2137.21	2118.39	4.58	4.09	3.53	-18.45	-22.91	-38.00	0.64		
9.00	79.87	2209.53	2181.37	2160.44	4.79	4.18	3.67	-19.22	-22.66	-39.84	1.02		
9.50	75.64	2250.75	2221.31	2200.12	4.95	4.46	3.91	-19.78	-23.95	-37.61	1.41		
10.00	73.34	2290.49	2259.13	2236.73	5.08	4.61	4.18	-20.49	-25.82	-37.81	1.79		
10.50	64.00	2325.95	2295.80	2271.61	5.26	4.73	4.33	-19.18	-26.46	-37.68	2.05		
11.00	61.56	2359.80	2327.80	2304.57	5.45	4.92	4.51	-20.01	-28.14	-39.48	2.43		
11.50	55.42	2391.42	2358.59	2333.18	5.54	5.13	4.69	-18.81	-28.67	-40.63	2.82		
12.00	54.27	2420.35	2386.30	2360.83	5.71	5.25	4.89	-19.50	-28.93	-42.38	3.84		
12.50	43.64	2446.01	2413.43	2385.34	5.78	5.42	5.00	-19.73	-29.41	-44.06	3.58		
13.00	42.11	2468.41	2435.26	2409.91	5.83	5.53	5.16	-18.88	-29.10	-40.53	4.10		
13.50	33.92	2488.00	2456.32	2428.73	5.82	5.59	5.29	-19.33	-29.33	-40.61	4.35		
14.00	31.48	2508.48	2473.28	2447.29	5.86	5.63	5.35	-19.88	-29.70	-41.86	4.35		
14.50	32.76	2524.48	2489.02	2463.10	5.91	5.63	5.40	-19.48	-30.99	-42.81	5.50		
15.00	26.75	2538.11	2505.40	2476.09	5.91	5.66	5.41	-18.97	-30.75	-41.75	6.27		
15.50	21.37	2551.36	2518.78	2488.51	5.90	5.72	5.41	-19.21	-31.13	-41.56	5.63		
16.00	19.84	2562.43	2529.47	2501.37	5.93	5.74	5.44	-19.46	-31.70	-42.47	5.76		
16.50	19.32	2571.32	2539.39	2512.70	5.94	5.73	5.48	-19.84	-32.24	-43.03	6.40		
17.00	17.15	2578.94	2549.05	2521.66	5.91	5.72	5.51	-20.15	-32.65	-43.19	7.04		
17.50	14.08	2586.04	2557.63	2529.34	5.86	5.74	5.52	-20.36	-33.38	-44.86	6.78		
18.00	11.90	2592.76	2564.67	2536.44	5.80	5.76	5.51	-20.00	-34.18	-44.10	6.40		
18.50	10.62	2599.36	2570.62	2543.36	5.75	5.75	5.49	-19.22	-34.15	-43.72	6.27		
19.00	9.72	2605.37	2575.93	2549.95	5.71	5.74	5.48	-19.06	-34.30	-43.01	6.14		
19.50	9.21	2610.68	2580.80	2555.84	5.67	5.71	5.49	-18.99	-34.53	-43.14	6.53		
20.00	8.83	2615.55	2585.40	2560.96	5.64	5.67	5.50	-18.97	-34.92	-43.40	6.78		
20.50	8.57	2619.77	2589.82	2565.37	5.61	5.63	5.50	-19.02	-34.94	-43.50	7.30		
21.00	8.19	2623.74	2594.11	2569.34	5.58	5.59	5.50	-19.02	-34.83	-43.63	7.68		
21.50	7.68	2627.39	2598.20	2572.86	5.55	5.55	5.48	-19.12	-34.86	-43.74	7.94		
22.00	7.16	2630.78	2602.04	2576.19	5.53	5.52	5.46	-19.22	-34.89	-43.83	7.94		
22.50	6.52	2633.91	2605.63	2579.26	5.50	5.49	5.44	-19.31	-34.79	-44.11	8.19		
23.00	6.01	2636.92	2608.89	2582.20	5.48	5.47	5.41	-19.31	-34.86	-44.34	8.06		
23.50	5.63	2639.61	2611.90	2584.96	5.45	5.44	5.38	-19.46	-35.01	-44.65	7.94		
24.00	5.63	2642.30	2614.72	2587.40	5.43	5.42	5.36	-19.50	-35.02	-44.72	7.94		