

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	45.12	1141.29	1133.74	1126.74	12.27	10.95	9.80	-15.16	-26.87	-36.57	0.32	1	-80
1.00	40.90	1161.73	1154.19	1146.90	11.86	10.62	9.66	-16.02	-26.20	-38.82	0.23	10	-105
1.50	40.92	1182.43	1174.65	1167.21	11.54	10.36	9.41	-17.09	-25.54	-41.43	0.17	100	-125
2.00	41.81	1203.83	1195.56	1187.92	11.08	10.18	9.34	-18.55	-24.64	-38.38	0.16	1000	-145
2.50	43.77	1225.99	1217.44	1209.48	10.67	9.89	9.10	-20.04	-24.27	-37.92	0.17		
3.00	43.75	1248.16	1239.32	1231.44	10.38	9.67	8.91	-21.93	-23.87	-36.51	0.24		
3.50	44.06	1270.32	1261.34	1253.49	10.14	9.59	8.86	-24.19	-23.85	-35.20	0.33		
4.00	43.62	1292.25	1283.15	1275.39	9.81	9.41	8.75	-27.07	-23.30	-34.49	0.43		
4.50	43.18	1313.83	1304.74	1296.96	9.75	9.26	8.54	-30.38	-22.88	-33.71	0.51		
5.00	41.58	1334.64	1325.53	1317.97	9.73	9.33	8.57	-34.24	-22.72	-33.31	0.56		
5.50	40.65	1354.97	1345.86	1338.36	9.60	9.27	8.56	-34.72	-22.59	-33.00	0.61		
6.00	39.33	1374.59	1365.53	1358.10	9.50	9.18	8.44	-31.50	-22.49	-32.46	0.64		
6.50	38.18	1393.75	1384.62	1377.19	9.46	9.11	8.35	-28.34	-22.57	-32.04	0.66		
7.00	36.87	1412.10	1403.05	1395.70	9.44	9.08	8.27	-26.20	-22.90	-31.61	0.65		
7.50	35.94	1430.20	1421.02	1413.66	9.41	9.01	8.16	-24.43	-23.01	-31.36	0.64		
8.00	35.18	1447.80	1438.61	1431.23	9.45	9.00	8.07	-23.03	-23.31	-31.38	0.65		
8.50	34.22	1464.97	1455.72	1448.33	9.42	8.99	8.05	-21.87	-23.35	-31.79	0.65		
9.00	33.55	1481.74	1472.49	1465.02	9.37	8.88	7.94	-20.83	-23.26	-32.22	0.64		
9.50	32.52	1498.06	1488.76	1481.33	9.43	8.84	7.82	-20.49	-23.14	-32.30	0.64		
10.00	31.88	1514.09	1504.70	1497.21	9.59	8.91	7.80	-20.04	-23.22	-32.29	0.66		
10.50	31.37	1529.87	1520.38	1512.87	9.67	9.01	7.87	-19.74	-23.66	-31.96	0.66		
11.00	30.90	1545.43	1535.83	1528.23	9.69	9.04	7.89	-19.73	-23.81	-31.82	0.67		
11.50	30.25	1560.61	1550.95	1543.31	9.66	9.00	7.85	-19.61	-24.46	-31.79	0.68		
12.00	29.62	1575.44	1565.76	1558.15	9.74	8.99	7.79	-19.69	-25.78	-31.76	0.68		
12.50	28.96	1589.95	1580.24	1572.59	9.88	9.15	7.80	-20.06	-29.64	-32.17	0.68		
13.00	28.32	1604.12	1594.40	1586.77	9.84	9.19	7.93	-20.53	-23.40	-32.51	0.68		
13.50	27.78	1618.10	1608.29	1600.56	9.78	9.15	7.93	-21.30	-23.14	-32.93	0.68		
14.00	27.32	1631.88	1621.95	1614.16	9.72	9.09	7.86	-22.26	-23.22	-33.67	0.74		
14.50	26.72	1645.36	1635.31	1627.56	9.64	9.04	7.78	-22.98	-23.38	-34.65	0.71		
15.00	26.03	1658.49	1648.33	1640.64	9.55	8.97	7.76	-23.73	-23.30	-35.41	0.72		
15.50	25.77	1671.33	1661.22	1653.33	9.50	8.92	7.72	-24.66	-23.28	-35.88	0.73		
16.00	24.90	1683.80	1673.66	1665.79	9.48	8.88	7.68	-25.70	-23.43	-36.67	0.76		
16.50	24.19	1695.98	1685.76	1677.83	9.49	8.89	7.68	-26.64	-23.36	-37.36	0.75		
17.00	23.68	1707.88	1697.60	1689.65	9.50	8.91	7.71	-27.39	-23.42	-37.94	0.79		
17.50	22.95	1719.45	1709.07	1701.10	9.51	8.93	7.74	-28.32	-23.48	-39.96	0.77		
18.00	22.30	1730.74	1720.22	1712.25	9.50	8.93	7.75	-29.45	-23.48	-40.85	0.80		