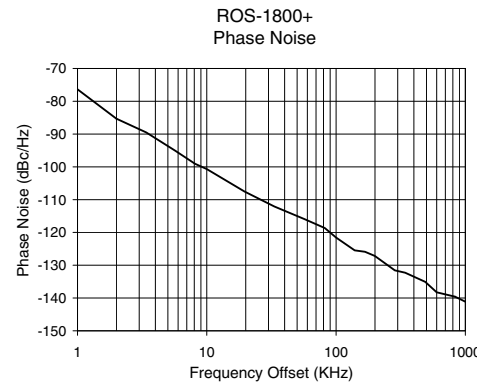
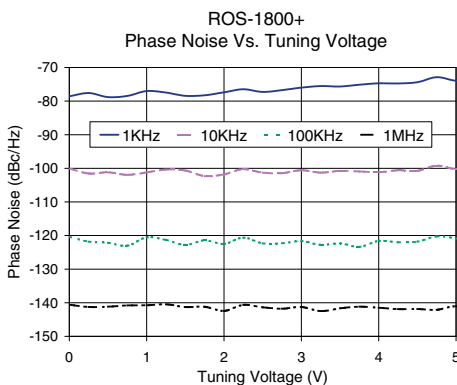
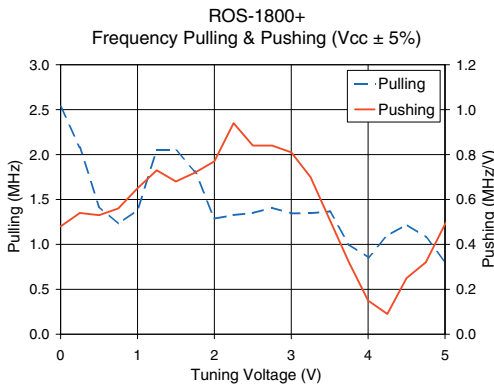
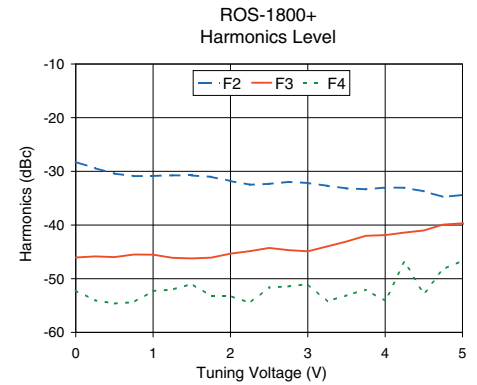
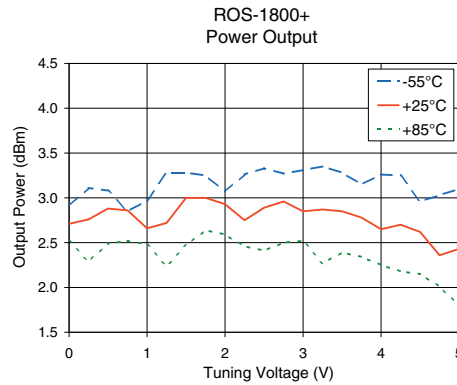
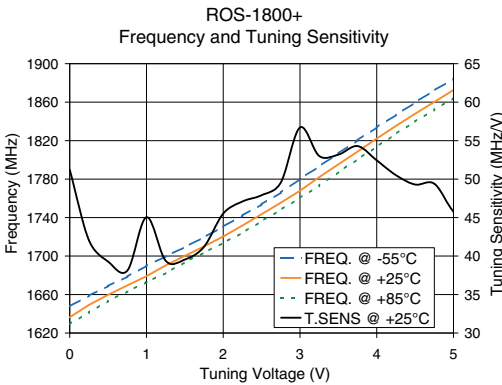


Performance Data & Curves*

ROS-1800+

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			Icc (mA)	HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ. PULL (MHz)	PHASE NOISE (dBc/Hz) at offsets				FREQ OFFSET (KHz)	PHASE NOISE at 1755 MHz (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C		F2	F3	F4			1kHz	10kHz	100kHz	1MHz		
0.00	51.24	1647.8	1636.4	1629.3	2.91	2.71	2.52	24.63	-28.3	-46.1	-52.2	0.48	2.53	-78.6	-100.0	-120.4	-140.6	1.0	-76.37
0.50	39.28	1668.9	1659.7	1653.3	3.08	2.88	2.49	24.64	-30.4	-46.0	-54.6	0.53	1.42	-78.8	-101.2	-122.2	-141.2	2.0	-85.32
0.75	38.11	1678.6	1669.5	1663.3	2.85	2.86	2.52	24.67	-30.9	-45.5	-54.4	0.56	1.23	-78.5	-101.9	-123.0	-140.8	3.4	-89.50
1.00	45.05	1690.0	1679.1	1672.8	2.97	2.66	2.48	24.68	-30.9	-45.5	-52.3	0.65	1.39	-77.0	-101.2	-120.6	-140.8	5.7	-95.07
1.25	39.38	1699.7	1690.3	1682.3	3.28	2.72	2.24	24.69	-30.7	-46.1	-52.0	0.73	2.05	-77.5	-100.4	-121.3	-140.5	8.1	-99.05
1.50	39.55	1709.4	1700.2	1693.7	3.28	3.00	2.47	24.69	-30.8	-46.2	-51.0	0.68	2.05	-78.4	-100.7	-122.8	-141.3	10.0	-100.67
1.75	41.22	1719.5	1710.1	1703.6	3.25	3.00	2.64	24.73	-31.0	-46.1	-53.2	0.72	1.81	-78.3	-102.3	-121.4	-141.2	19.6	-107.53
2.00	45.52	1730.6	1720.4	1713.7	3.07	2.93	2.59	24.75	-31.8	-45.3	-53.2	0.77	1.29	-77.4	-101.8	-122.5	-142.4	33.3	-112.08
2.25	47.10	1742.2	1731.7	1724.3	3.26	2.75	2.46	24.77	-32.5	-44.9	-54.5	0.94	1.33	-76.5	-100.3	-120.6	-140.6	57.2	-115.97
2.50	47.91	1753.8	1743.5	1736.2	3.33	2.89	2.41	24.77	-32.3	-44.3	-51.6	0.84	1.35	-77.3	-101.3	-122.3	-141.4	81.8	-118.66
2.75	49.56	1766.0	1755.5	1748.1	3.27	2.96	2.50	24.78	-32.0	-44.7	-51.5	0.84	1.41	-76.7	-101.5	-122.3	-141.8	100.0	-121.56
3.00	56.71	1780.1	1767.9	1760.4	3.31	2.85	2.52	24.78	-32.2	-44.9	-51.0	0.81	1.35	-76.0	-100.6	-121.7	-141.3	139.3	-125.48
3.25	53.00	1793.3	1782.1	1773.1	3.35	2.87	2.27	24.79	-32.7	-44.0	-54.2	0.70	1.35	-75.5	-101.3	-122.8	-142.5	167.3	-125.89
3.50	53.18	1806.7	1795.3	1787.3	3.28	2.85	2.39	24.83	-33.2	-43.1	-53.1	0.51	1.37	-75.7	-100.8	-122.3	-141.7	199.2	-127.17
3.75	54.29	1820.5	1808.6	1800.6	3.15	2.78	2.34	24.86	-33.3	-42.0	-52.0	0.32	1.00	-75.1	-100.9	-123.4	-141.2	284.8	-131.57
4.00	52.44	1833.9	1822.2	1813.7	3.26	2.65	2.25	24.87	-33.0	-41.9	-54.2	0.15	0.85	-74.7	-101.1	-121.6	-141.5	342.1	-132.29
4.25	50.51	1846.8	1835.3	1827.1	3.25	2.70	2.18	24.89	-33.1	-41.4	-46.9	0.09	1.10	-74.8	-100.6	-122.0	-141.9	489.1	-135.07
4.50	49.29	1859.6	1847.9	1839.9	2.96	2.62	2.15	24.90	-33.7	-41.0	-52.8	0.25	1.22	-74.4	-100.7	-121.8	-141.9	600.0	-138.25
4.75	49.40	1872.3	1860.2	1852.1	3.03	2.36	2.01	24.89	-34.8	-39.9	-48.3	0.32	1.08	-72.9	-99.2	-120.3	-142.1	832.6	-139.59
5.00	45.78	1884.1	1872.6	1864.2	3.10	2.43	1.80	24.92	-34.4	-39.7	-46.6	0.49	0.81	-74.0	-100.3	-120.9	-141.1	1000.0	-141.12

*at 25°C unless mentioned otherwise



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IF/RF MICROWAVE COMPONENTS

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