

Voltage Controlled Oscillator

ROS-800-719+

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			
0.00	13.91	783.4	780.7	778.7	-0.18	0.01	-0.02	-23.0	-47.8	-36.7	0.99	1	-89
0.25	11.94	786.7	784.2	782.4	-0.45	-0.28	-0.29	-23.1	-56.3	-37.2	0.92	10	-118
0.50	10.49	789.6	787.2	785.5	-0.61	-0.47	-0.49	-23.1	-54.8	-37.4	0.90	100	-140
0.75	9.19	792.1	789.8	788.2	-0.64	-0.51	-0.54	-23.2	-47.0	-37.4	0.69	1000	-162
1.00	8.33	794.4	792.1	790.5	-0.65	-0.53	-0.56	-23.3	-44.3	-37.7	0.52		
1.25	7.74	796.4	794.2	792.6	-0.66	-0.55	-0.58	-23.3	-42.6	-37.9	0.42		
1.50	7.30	798.3	796.1	794.6	-0.66	-0.56	-0.59	-23.5	-41.4	-37.9	0.34		
1.75	6.97	800.1	798.0	796.4	-0.67	-0.58	-0.61	-23.5	-40.6	-38.0	0.29		
2.00	6.70	801.9	799.7	798.2	-0.68	-0.59	-0.62	-23.7	-39.7	-38.0	0.24		
2.25	6.48	803.5	801.4	799.9	-0.68	-0.61	-0.63	-23.7	-38.9	-38.1	0.21		
2.50	6.31	805.1	803.0	801.5	-0.69	-0.62	-0.65	-23.8	-38.2	-38.2	0.18		
2.75	6.16	806.7	804.6	803.1	-0.69	-0.63	-0.66	-23.9	-37.6	-38.5	0.15		
3.00	6.05	808.2	806.1	804.6	-0.70	-0.65	-0.67	-24.0	-36.9	-38.7	0.13		
3.25	5.95	809.7	807.6	806.2	-0.70	-0.66	-0.69	-24.1	-36.4	-38.8	0.11		
3.50	5.87	811.2	809.1	807.7	-0.70	-0.67	-0.70	-24.1	-35.9	-39.1	0.09		
3.75	5.80	812.7	810.6	809.1	-0.70	-0.68	-0.71	-24.2	-35.4	-39.4	0.07		
3.90	5.77	813.5	811.5	810.0	-0.70	-0.69	-0.72	-24.2	-35.1	-39.6	0.06		
4.25	5.71	815.5	813.5	812.0	-0.70	-0.70	-0.74	-24.3	-34.5	-39.9	0.04		
4.50	5.67	817.0	814.9	813.4	-0.70	-0.71	-0.75	-24.4	-34.0	-40.0	0.02		
4.75	5.65	818.4	816.3	814.9	-0.70	-0.72	-0.76	-24.4	-33.6	-40.1	0.01		
5.00	5.63	819.8	817.7	816.3	-0.70	-0.73	-0.77	-24.5	-33.2	-40.1	0.00		
5.25	5.61	821.2	819.1	817.7	-0.70	-0.74	-0.78	-24.6	-32.9	-40.0	0.01		
5.50	5.60	822.6	820.5	819.1	-0.70	-0.74	-0.79	-24.7	-32.6	-40.1	0.02		
5.75	5.59	824.0	821.9	820.5	-0.70	-0.75	-0.80	-24.8	-32.3	-40.2	0.02		
6.00	5.59	825.4	823.3	821.9	-0.69	-0.76	-0.81	-24.9	-32.1	-40.3	0.03		

REV. X1
 ROS-800-719+
 071220
 Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant
 P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

