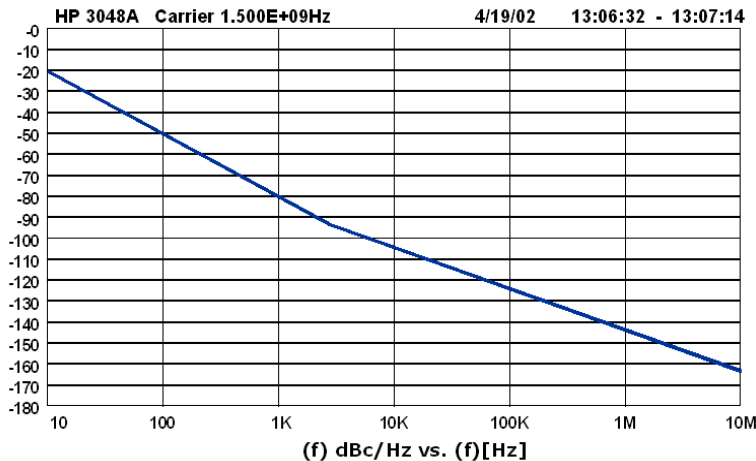


## Wideband, Linear Tuning VCOs

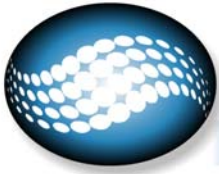


## Features:

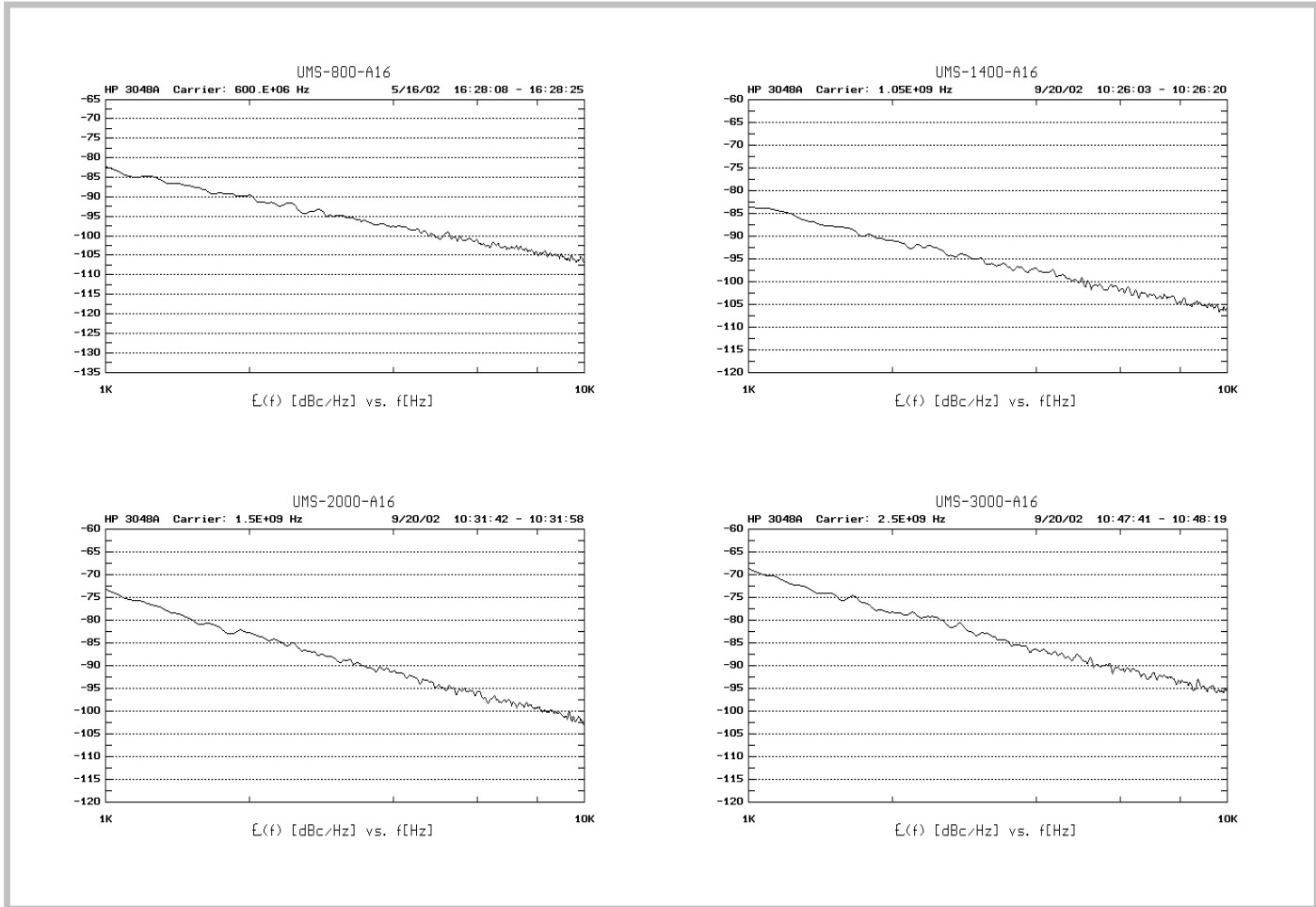
- Low Phase Noise
- Octave Bands
- Linear Tuning
- Low Cost

## Specifications:

Model Number	Min Freq (MHz)	Max Freq (MHz)	Min Tune (Vdc)	Max Tune (Vdc)	K <sub>vco</sub> (MHz/V) typ.	P <sub>out</sub> (dBm) typ.	2 <sub>nd</sub> Har (dBc) typ.	∅ Noise (10kHz,dBc) typ.	Pushing (MHz/V) typ.	Pulling (MHz,p-p) typ.	Supply (Vdc)	Current (mA) typ.
UMS-50-A16	25	50	1	16	2.5	8	-19	-108	0.04	0.06	12	16
UMS-75-A16	37.5	75	1	16	3.5	8	-25	-108	0.04	0.06	12	16
UMS-100-A16	50	100	1	15	4.5	9.5	-30	-105	0.1	1	12	16
UMS-150-A16	75	150	1	16	6.5	10	-25	-105	0.2	0.5	12	16
UMS-200-A16	100	200	1	16	8	10	-28	-105	0.2	1	12	20
UMS-300-A16	150	300	1	16	12	10	-28	-103	0.2	1	12	16
UMS-400-A16	200	400	1	16	15	10	-28	-102	0.3	2	12	20
UMS-535-A16	300	535	1	15	22	10	-30	-100	0.3	2	12	18
UMS-800-A16	400	800	0.5	11	45	12	-20	-104	0.2	5	12	29
UMS-1000-A16	500	1000	0.5	11	55	10	-20	-103	0.3	5	12	29
UMS-1200-A16	600	1200	0.5	12	60	12	-20	-104	0.2	5	12	29
UMS-1400-A16	700	1400	0.5	14	65	12	-20	-104	0.2	8	12	29
UMS-1800-A16	900	1800	0.5	15	80	12.5	-20	-102	0.5	8	12	31
UMS-1600-A16	950	1600	1.5	14	65	12.5	-20	-103	0.5	8	12	31
UMS-2000-A16	1000	2000	1	14	85	11	-20	-103	0.3	16	12	31
UMS-2400-A16	1400	2400	1	16	85	10	-20	-95	1	20	12	31
UMS-3000-A16	2000	3000	0	12	120	10	-20	-93	1.5	30	10	23



### Typical Performance:



### Mechanical Outline:

Available in Tape and Reel

