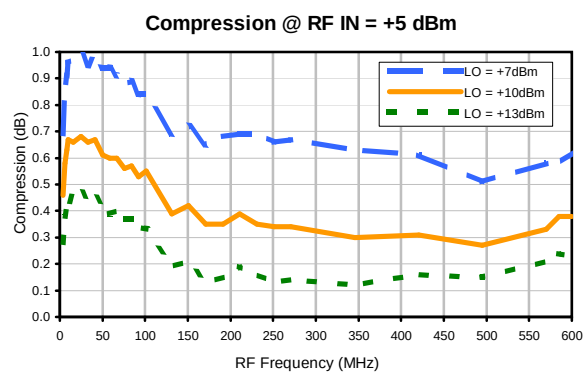
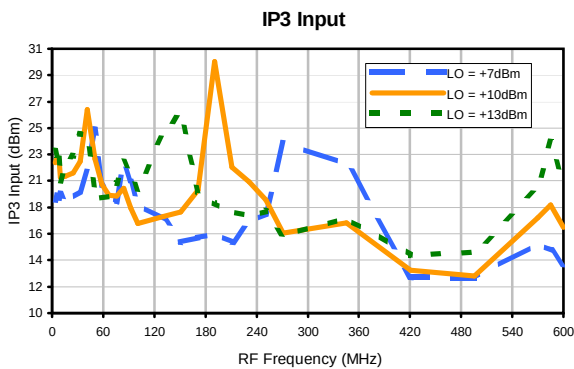
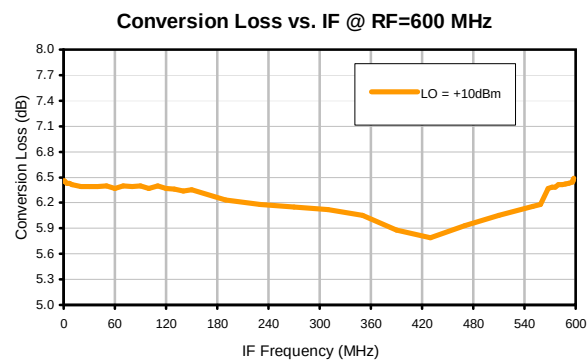
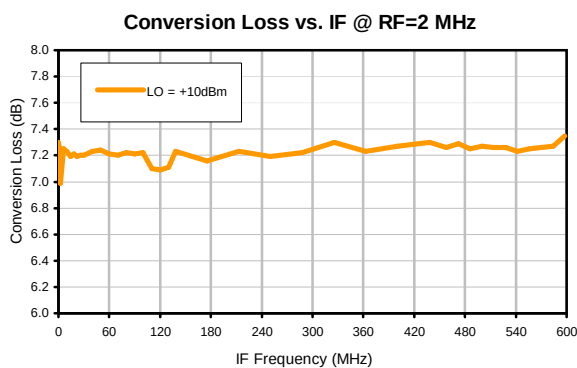
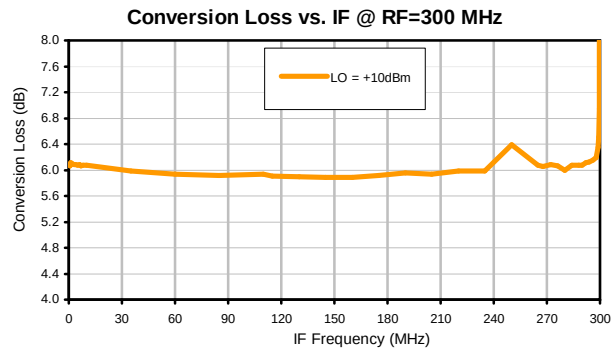
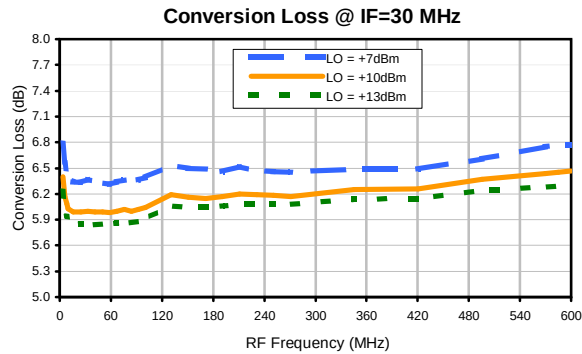
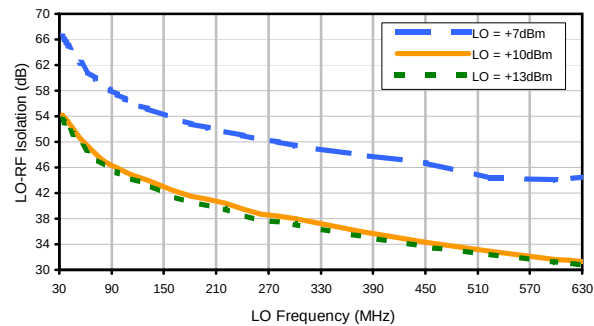


Typical Performance Curves

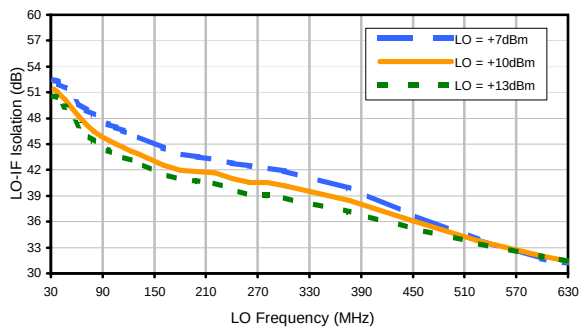


Typical Performance Curves

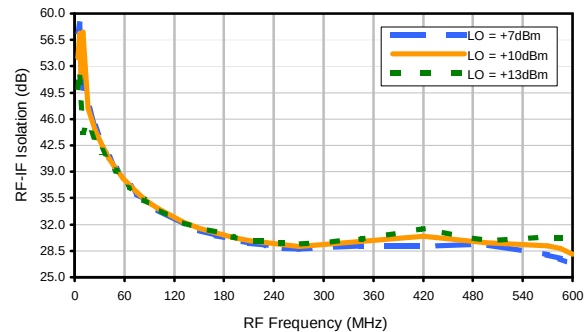
LO-RF Isolation



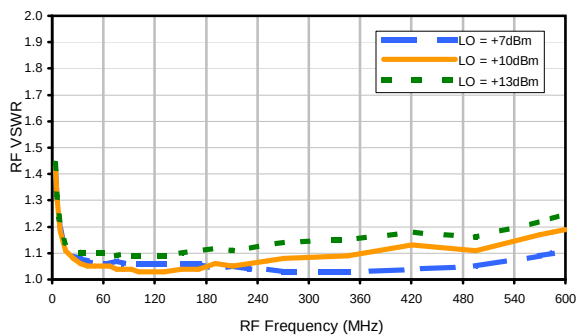
LO-IF Isolation



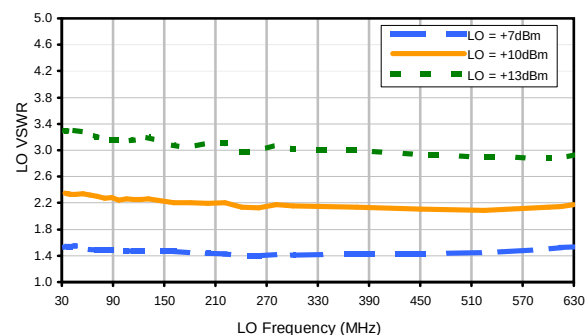
RF-IF Isolation



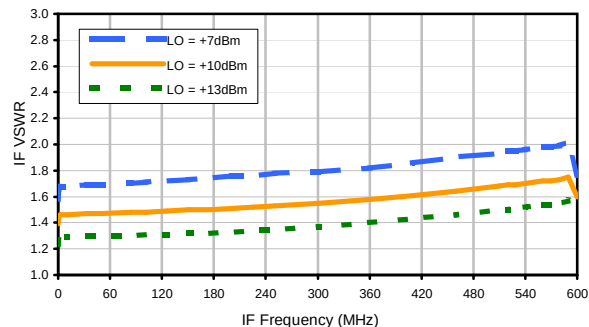
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)												
	0	-	-	16	31	18	40	23	38	36	50	41	56
	1	-	23	+0	32	12	34	19	49	28	36	42	40
	2	84	68	49	71	50	73	51	> 74	51	65	69	73
	3	> 90	72	60	73	62	73	54	72	55	65	56	> 74
	4	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
	5	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
	6	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
	7	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
	8	> 90	> 74	56	65	55	73	54	72	62	70	60	71
	9	> 90	73	69	65	51	> 74	51	72	50	71	50	68
	10	> 90	40	42	36	28	49	19	34	12	32	+0	23
RF CAL		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 300.00 MHz; -10.00 dBm.
 LO IN: 330.00 MHz; +10.00 dBm
 IF OUT: 30.00 MHz; -16.12 dBm

RF HARMONICS ORDER	(-dBm)												
	0	-	-	24	41	31	54	38	53	49	61	58	69
	1	-	24	+0	32	12	38	20	46	29	42	50	51
	2	64	65	45	66	45	69	47	69	49	63	70	74
	3	> 90	50	42	57	44	59	44	51	41	65	47	51
	4	> 90	> 84	63	77	63	75	60	73	57	> 84	55	66
	5	> 90	68	69	68	56	68	52	66	49	> 84	49	62
	6	> 90	62	49	> 84	49	66	52	68	56	68	69	68
	7	> 90	66	55	> 84	57	73	60	74	62	76	63	> 84
	8	> 90	51	47	65	40	51	44	59	44	57	42	50
	9	> 90	74	70	63	49	69	47	69	45	67	45	65
	10	> 90	51	50	42	29	46	20	38	12	32	+0	24
RF CAL		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 300.00 MHz; .00 dBm.
 LO IN: 330.00 MHz; +10.00 dBm
 IF OUT: 30.00 MHz; -6.16 dBm

- Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT.
 2. + entry denotes harmonics are in (dBc) above IF OUTPUT.
 3. RF Cal represent the Harmonics level of the RF input signal to the mixer.



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RF/IF MICROWAVE COMPONENTS

