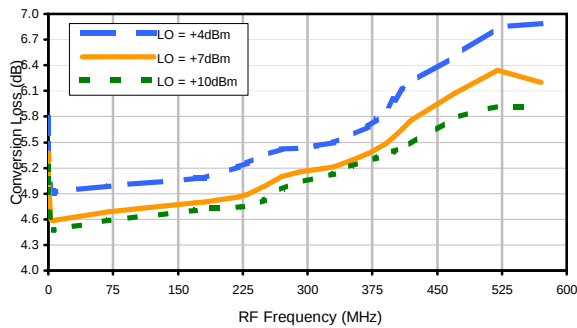


Frequency Mixer

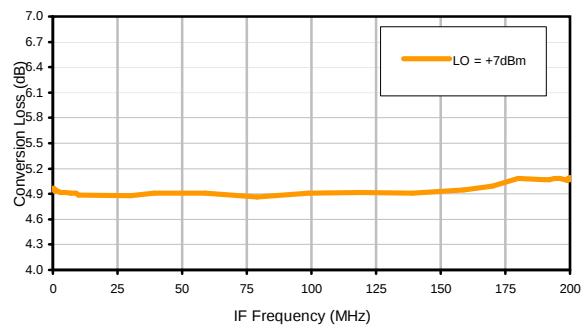
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Typical Performance Curves

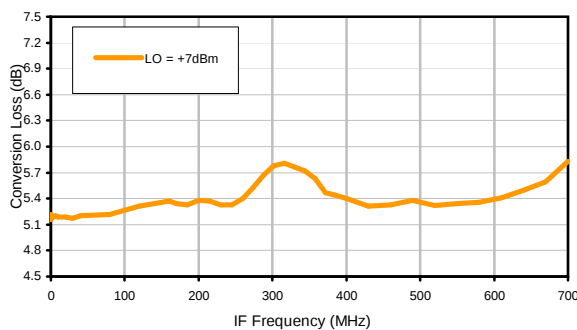
Conversion Loss @ IF=30 MHz



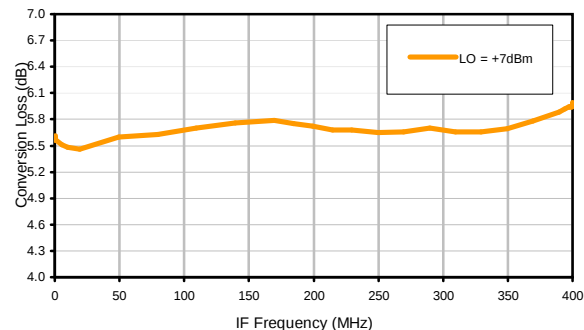
Conversion Loss vs. IF @ RF=200 MHz



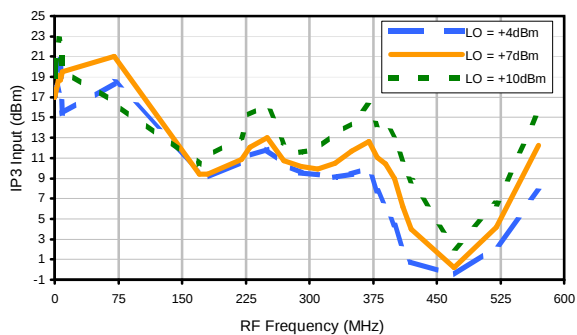
Conversion Loss vs. IF @ RF=.15 MHz



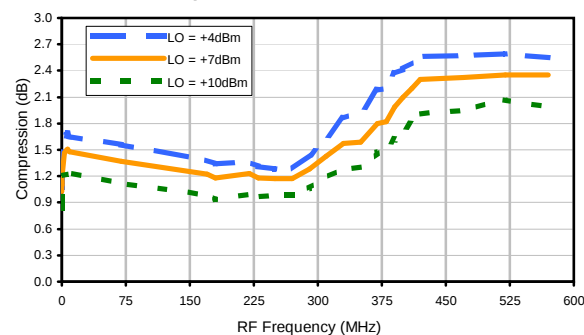
Conversion Loss vs. IF @ RF=400 MHz



IP3 Input

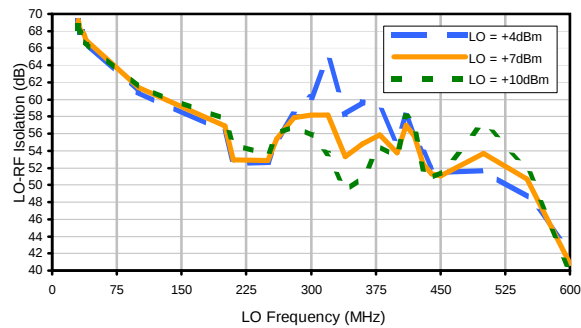


Compression @ RF IN = +1 dBm

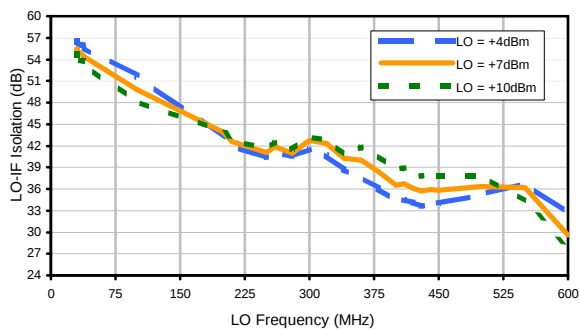


Typical Performance Curves

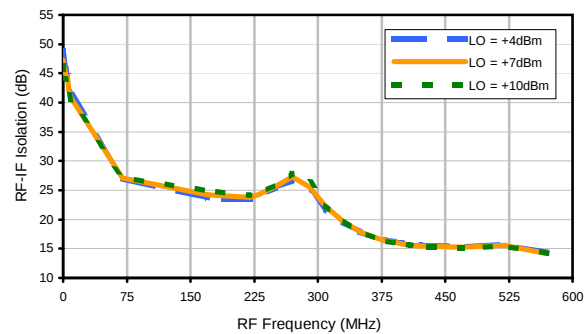
LO-RF Isolation



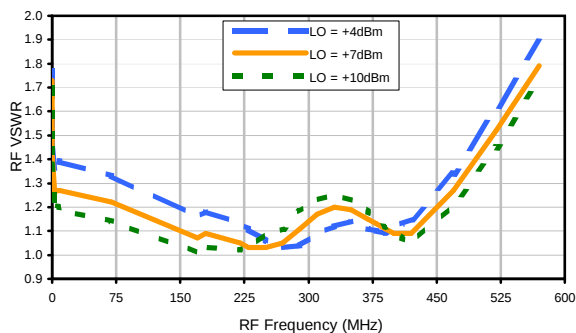
LO-IF Isolation



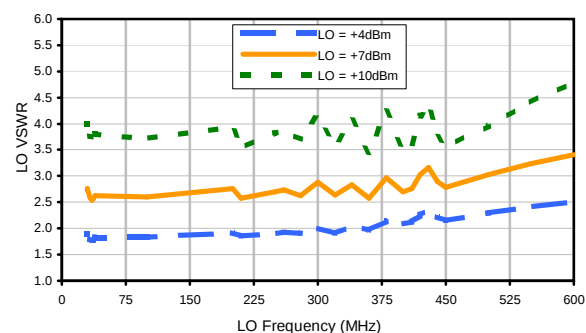
RF-IF Isolation



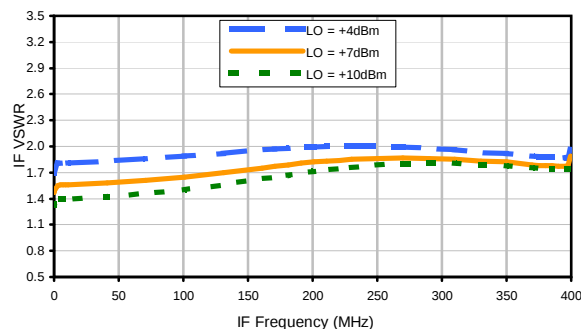
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER	(-dBm)		(-dBc)										
	0	-	-	13	26	17	37	18	47	23	42	47	53
	1	-	19	+0	25	12	34	18	40	42	48	50	47
	2	> 90	61	52	61	52	68	56	69	59	> 71	56	> 71
	3	> 90	59	52	59	53	60	51	60	62	69	> 71	> 71
	4	> 90	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71
	5	> 90	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71
	6	> 90	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71
	7	> 90	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71
	8	> 90	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71
	9	> 90	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71
	10	> 90	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71	> 71
RF CAL		0	1	2	3	4	5	6	7	8	9	10	