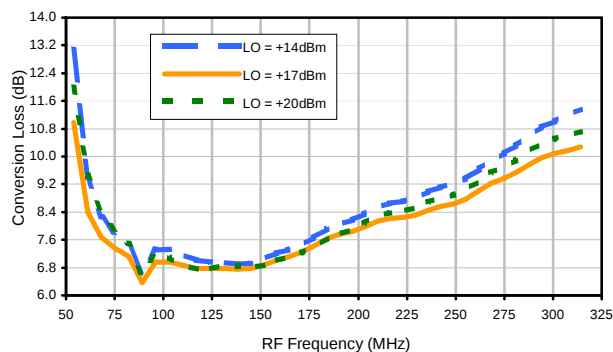
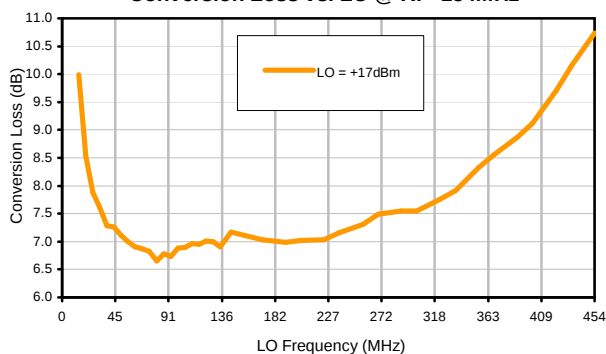


Typical Performance Curves

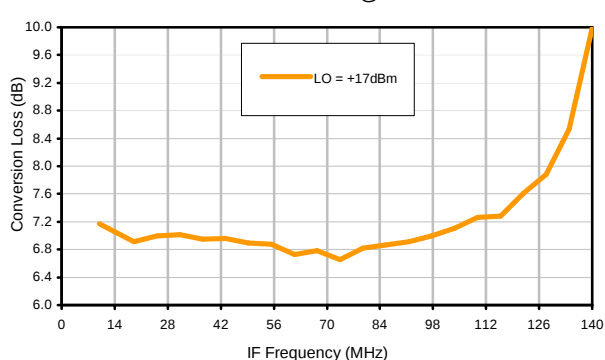
Conversion Loss @ IF=44MHz



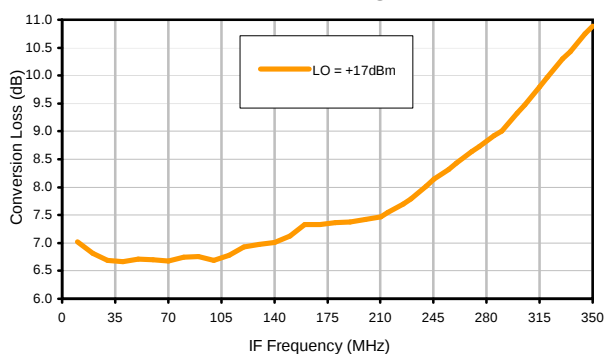
Conversion Loss vs. LO @ RF=154MHz



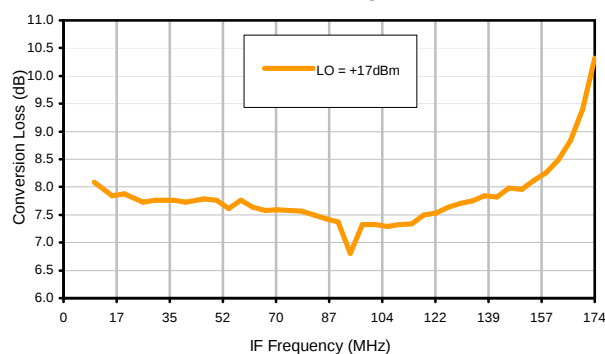
Conversion Loss vs. IF @ RF=154MHz



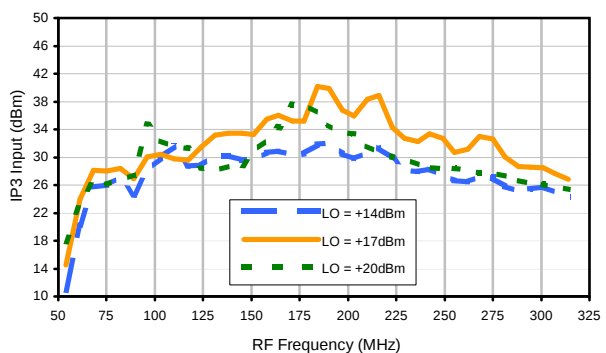
Conversion Loss vs. IF @ RF=108MHz



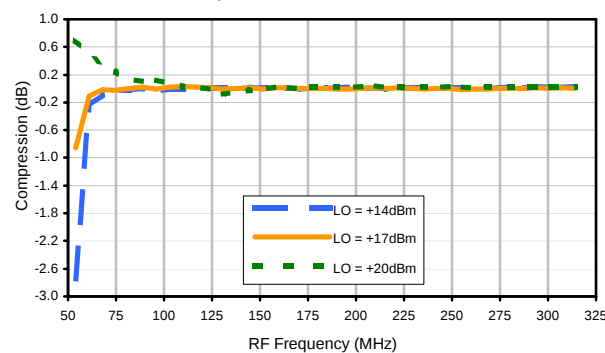
Conversion Loss vs. IF @ RF=190MHz



IP3 Input

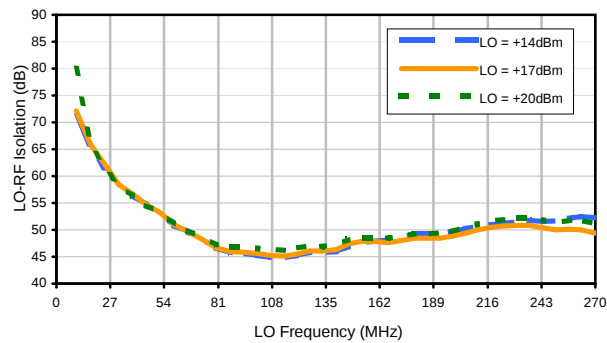


Compression @ RF IN=0dBm

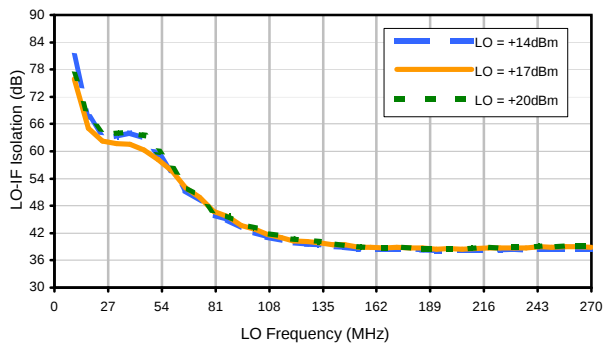


Typical Performance Curves

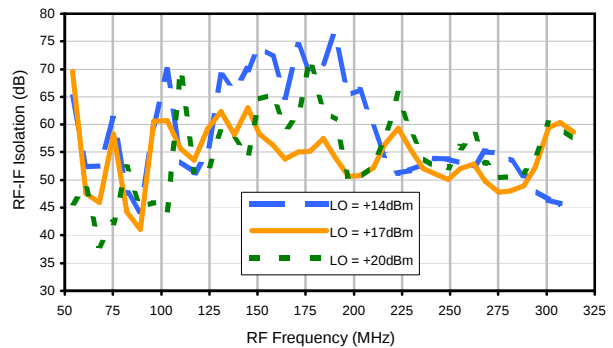
LO-RF Isolation



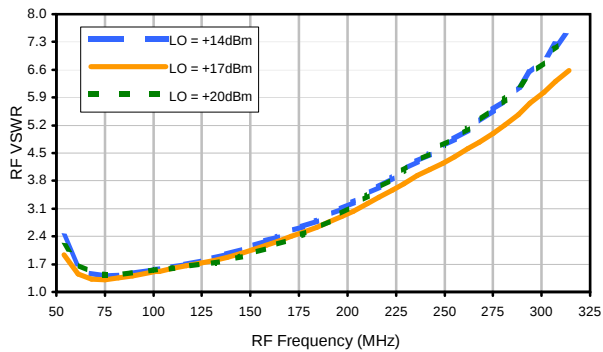
LO-IF Isolation



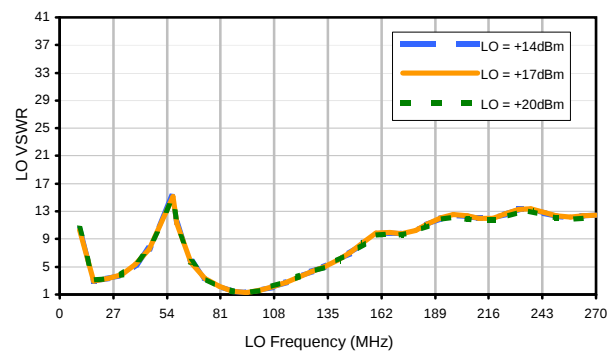
RF-IF Isolation



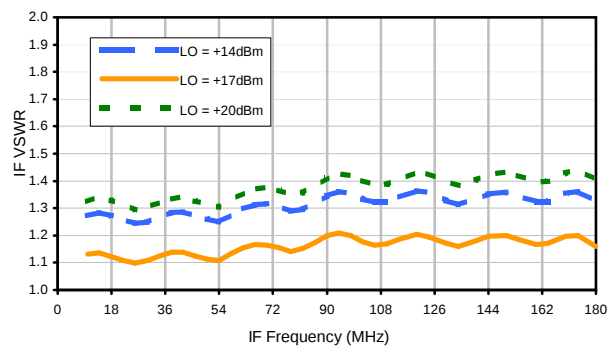
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	23	30	25	45	25	30	25	31	24
1	-	41	+0	44	10	51	19	42	37	41	31	44
2	65	41	54	38	54	46	53	45	54	47	58	50
3	>90	53	45	53	45	54	38	55	41	56	51	59
4	>90	37	41	19	50	10	44	+0	41	+0	40	14
5	>90	30	25	48	25	29	23	18	+7	18	23	29
6	>90	28	38	27	38	14	40	+0	41	+0	44	10
7	>90	66	49	58	49	59	51	55	41	54	38	54
8	>90	61	62	56	62	50	58	46	53	45	54	46
9	>90	48	34	54	31	43	31	41	36	41	19	50
10	>90	40	46	30	33	24	30	25	30	25	49	25
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 154 MHz; 0.00 dBm.
LO IN: 110 MHz; +17.00 dBm
IF OUT: 44 MHz; -7.3 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	28	32	42	36	50	33	40	33	41	32
1	-	41	+0	44	10	51	19	43	31	42	32	44
2	45	31	54	29	55	34	52	37	53	39	57	41
3	67	53	37	52	34	55	29	54	31	51	39	52
4	>90	31	43	18	51	10	44	+0	41	+0	41	13
5	>90	40	33	50	36	42	32	28	3	28	32	42
6	>90	28	39	24	39	13	41	+0	41	+0	44	10
7	>90	70	38	55	42	52	38	50	30	53	29	55
8	>90	47	61	44	59	42	58	40	53	37	52	34
9	>90	53	35	59	33	45	33	44	33	44	21	61
10	>90	61	53	40	44	33	41	33	41	34	49	37
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 154 MHz; 10.00 dBm.
LO IN: 110 MHz; +17.00 dBm
IF OUT: 44 MHz; 2.69 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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