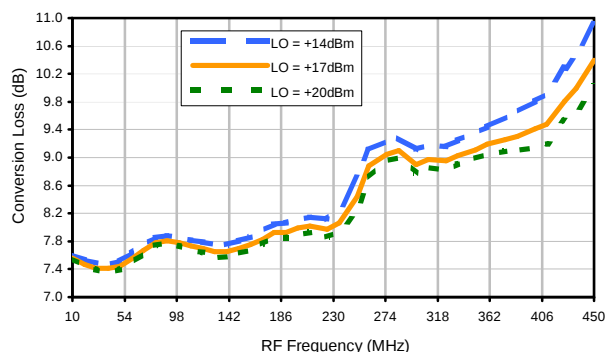
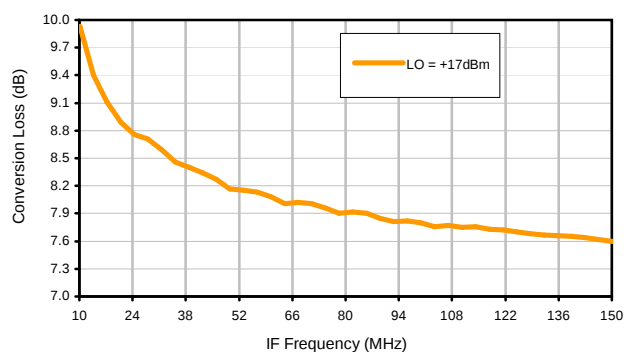


Typical Performance Curves

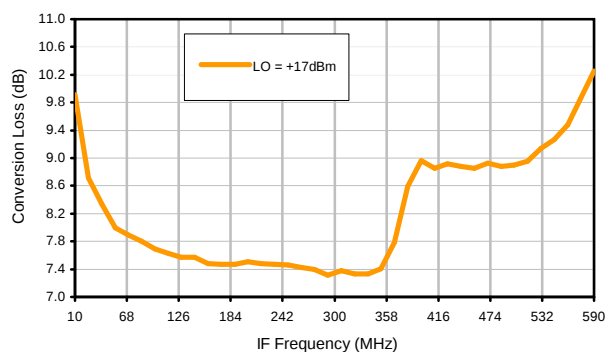
Conversion Loss @ IF=130MHz



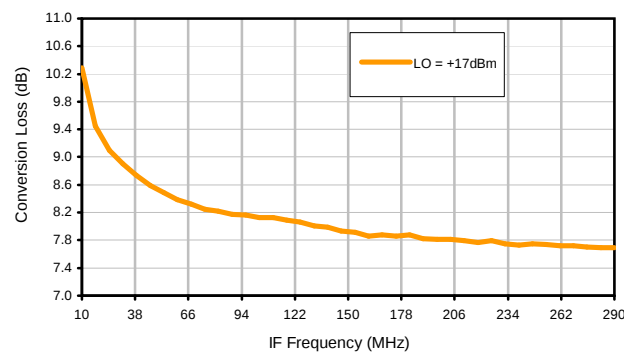
Conversion Loss vs. IF @ RF=160.1MHz



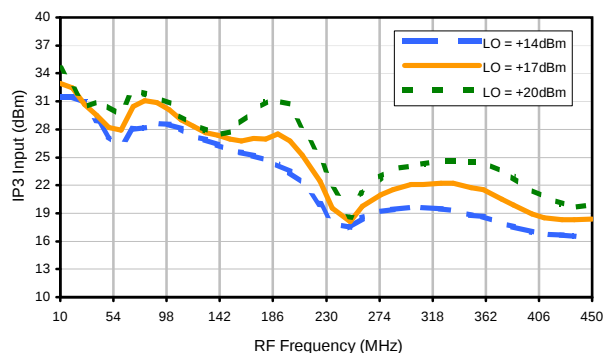
Conversion Loss vs. IF @ RF=10MHz



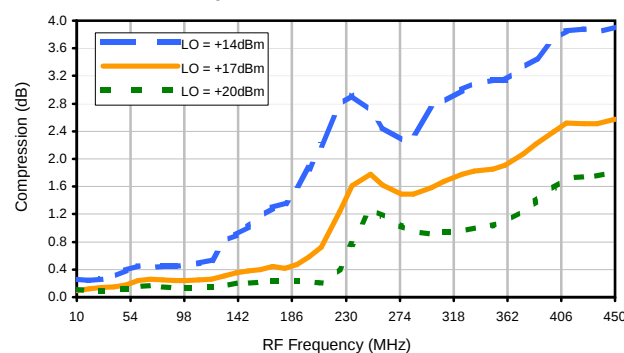
Conversion Loss vs. IF @ RF=300MHz



IP3 Input

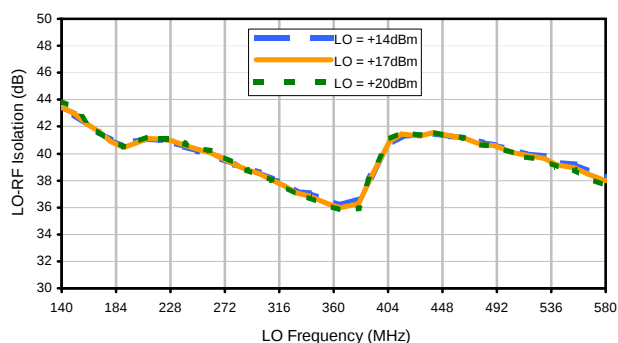


Compression @ RF IN=+16dBm

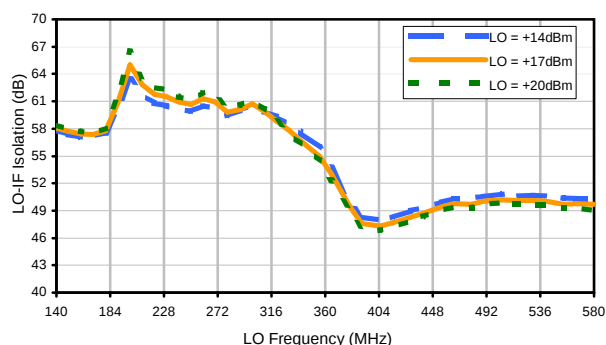


Typical Performance Curves

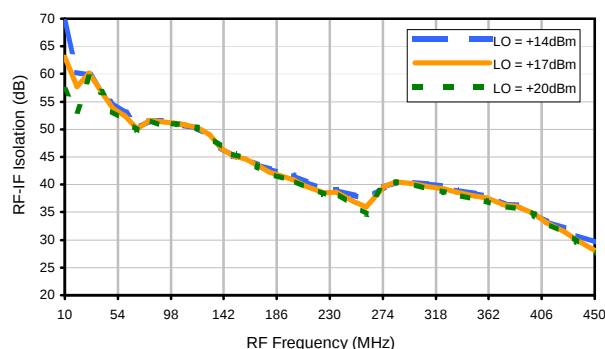
LO-RF Isolation



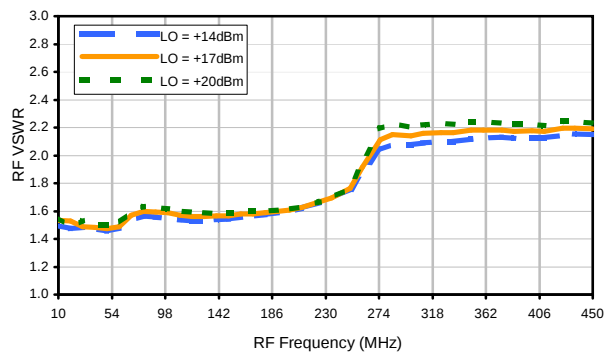
LO-IF Isolation



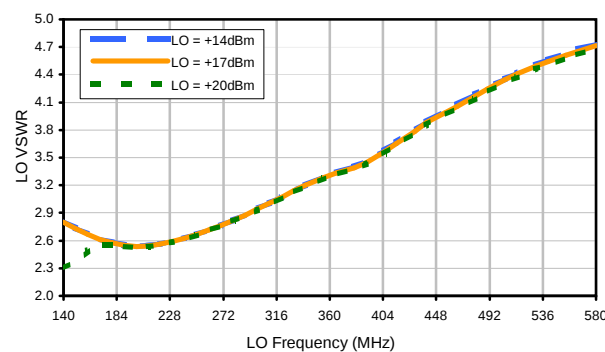
RF-IF Isolation



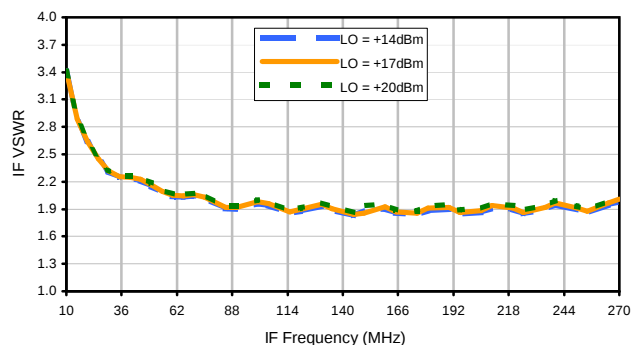
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	36	23	26	30	40	37	52	43	50	44
1	-	37	+0	50	10	55	17	55	22	56	26	55
2	63	57	77	54	78	55	62	52	59	63	58	57
3	>90	67	51	68	52	69	49	74	46	72	47	68
4	>90	>83	80	>83	81	>83	>83	80	81	>83	77	77
5	>90	>83	77	80	>83	80	79	>83	75	>83	72	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 155 MHz; 1.00 dBm.
LO IN: 285 MHz; +17.00 dBm
IF OUT: 130 MHz; -6.8 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	41	34	39	48	49	46	57	55	66	57
1	-	37	+0	47	12	48	20	47	27	49	34	59
2	43	53	61	46	65	49	63	50	59	59	57	58
3	63	48	38	49	34	51	32	77	33	69	36	61
4	>90	63	63	62	62	65	72	62	70	61	65	65
5	>90	68	48	66	47	68	51	73	48	68	45	65
6	>90	78	75	68	>93	67	90	74	76	84	73	87
7	>90	79	63	79	63	78	62	78	66	73	68	73
8	>90	78	83	76	82	75	85	74	89	73	85	75
9	>90	93	80	84	75	80	72	81	68	84	70	81
10	>90	88	87	82	85	81	87	82	91	80	88	80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 155 MHz; 11.00 dBm.
LO IN: 285 MHz; +17.00 dBm
IF OUT: 130 MHz; 3.07 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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