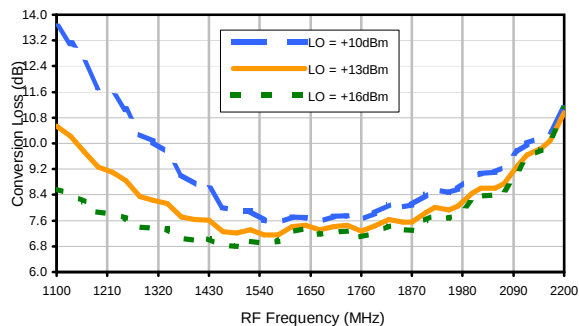
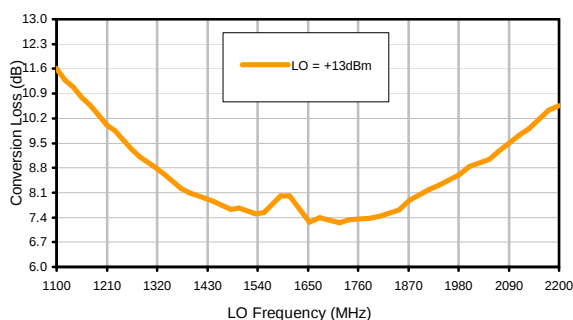


Typical Performance Curves

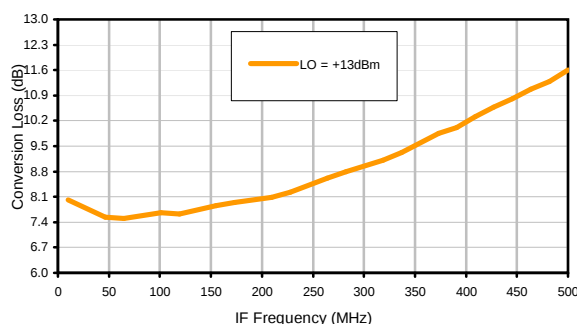
Conversion Loss @ IF=75MHz



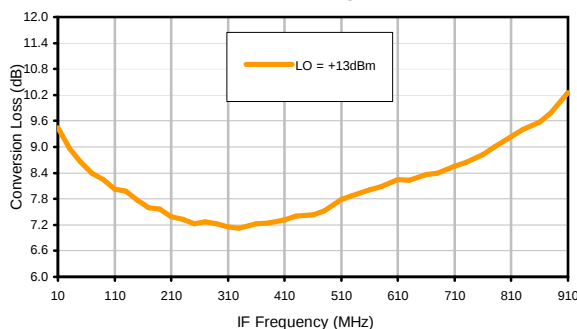
Conversion Loss vs. LO @ RF=1600MHz



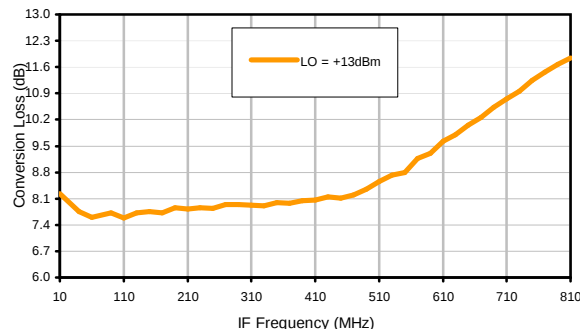
Conversion Loss vs. IF @ RF=1600MHz



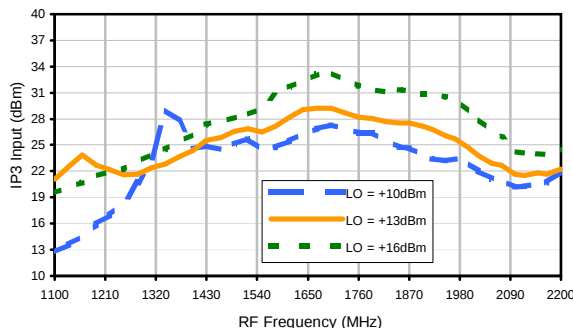
Conversion Loss vs. IF @ RF=1289.9MHz



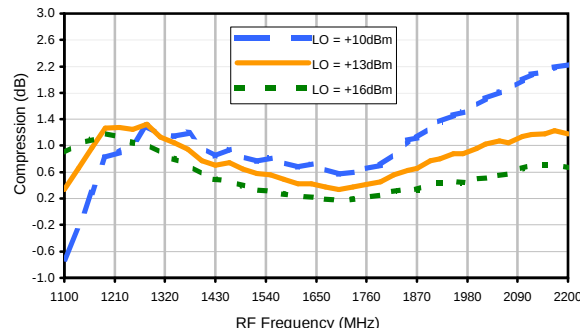
Conversion Loss vs. IF @ RF=1910.1MHz



IP3 Input



Compression @ RF IN=+16dBm



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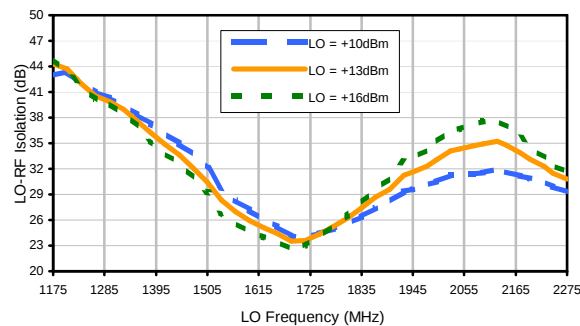


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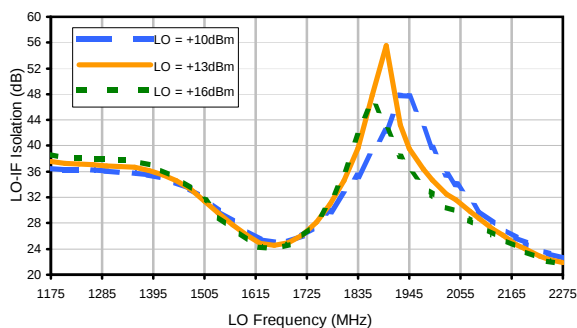


Typical Performance Curves

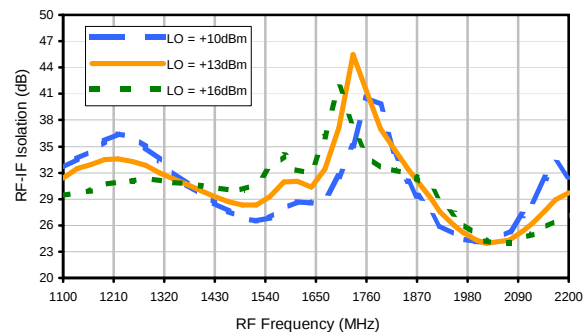
LO-RF Isolation



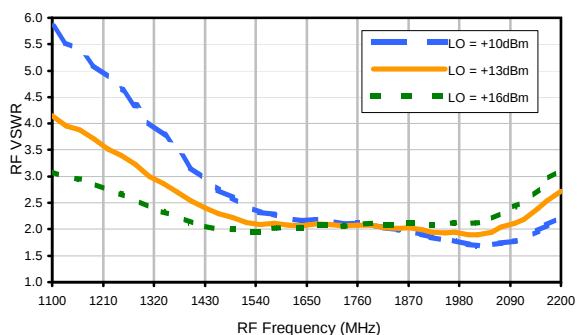
LO-IF Isolation



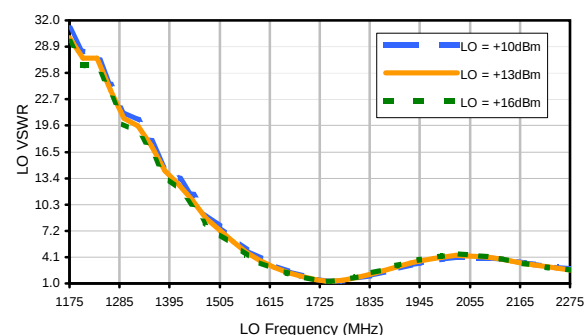
RF-IF Isolation



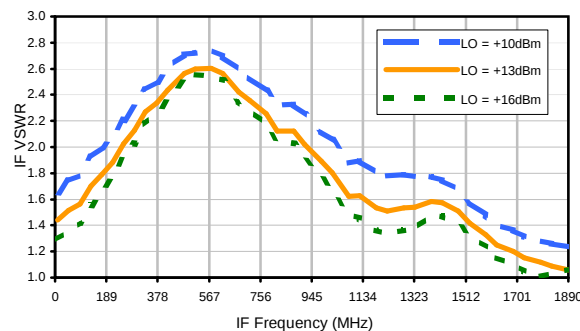
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	4	24	27	23	35	36	39	40	45	60
1	-	23	+0	22	21	35	34	47	44	47	54	57
2	56	47	41	47	42	56	69	59	58	66	53	67
3	>90	70	58	62	58	54	63	60	74	69	70	68
4	>90	>83	>83	77	77	76	80	82	>83	>83	81	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>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: 1600 MHz; 0.00 dBm.
LO IN: 1675 MHz; +13.00 dBm
IF OUT: 75 MHz; -7.22 dBm

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	14	41	44	34	50	47	63	52	84	80
1	-	23	+0	24	22	40	35	55	50	58	54	54
2	37	37	32	37	34	48	62	55	55	70	54	63
3	73	52	38	43	39	38	44	47	56	56	60	60
4	>90	65	65	56	50	56	50	61	70	69	62	77
5	>90	81	68	71	64	54	68	51	63	59	72	68
6	>90	84	73	74	75	65	73	61	70	66	79	87
7	>90	>93	84	91	89	80	75	68	67	67	74	77
8	>90	90	>93	90	92	83	82	77	73	69	74	74
9	>90	>93	>93	>93	>93	89	>93	90	78	85	71	87
10	>90	>93	>93	>93	>93	>93	>93	>93	85	92	77	87
RF CAL 0 1 2 3 4 5 6 7 8 9 10												

LO HARMONICS ORDER

Test conditions: RF IN: 1600 MHz; 10.00 dBm.
LO IN: 1675 MHz; +13.00 dBm
IF OUT: 75 MHz; 2.63 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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