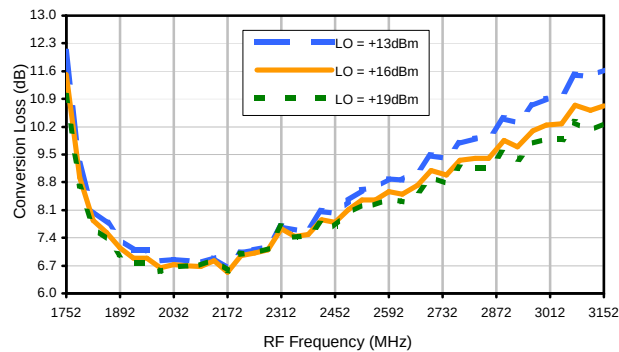
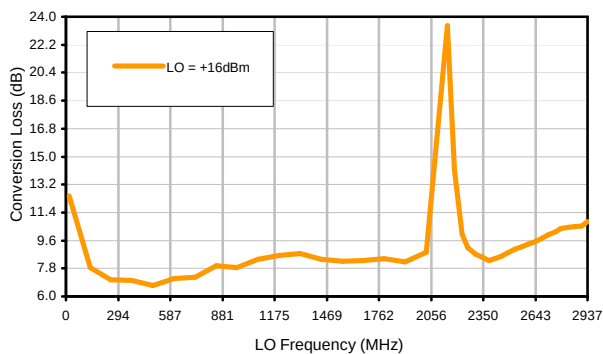


Typical Performance Curves

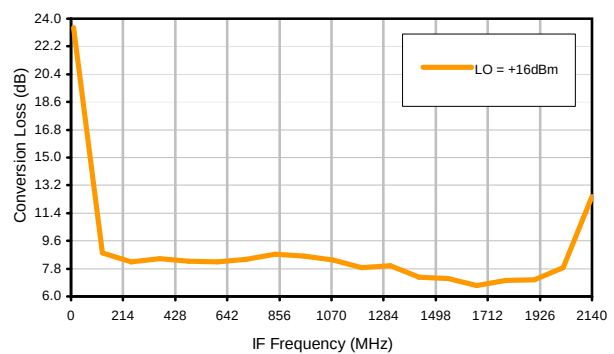
Conversion Loss @ IF=1732MHz



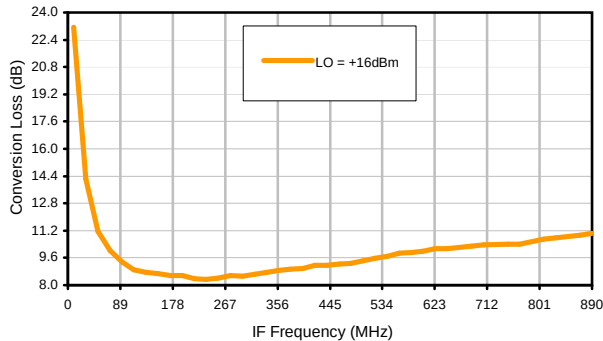
Conversion Loss vs. LO @ RF=2157MHz



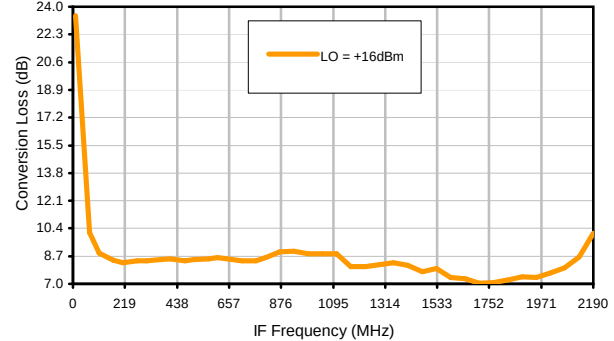
Conversion Loss vs. IF @ RF=2157MHz



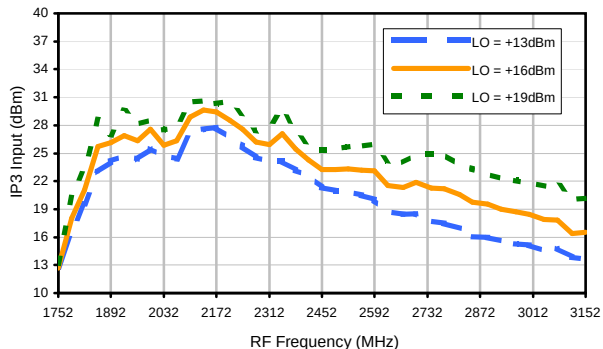
Conversion Loss vs. IF @ RF=2071.89MHz



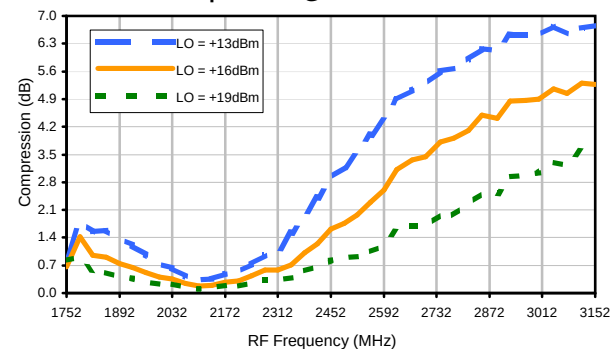
Conversion Loss vs. IF @ RF=2242.1MHz



IP3 Input



Compression @ RF IN=+17dBm



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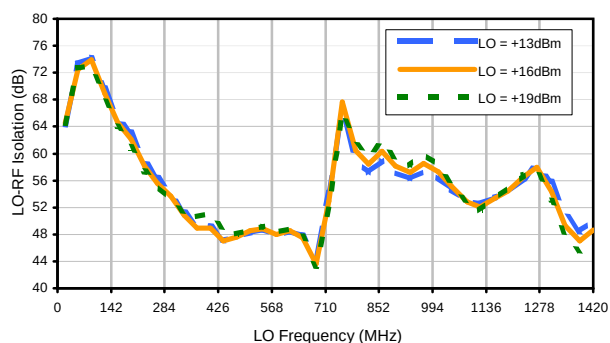


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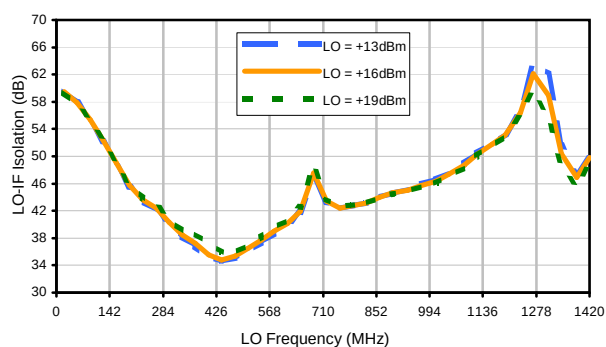


Typical Performance Curves

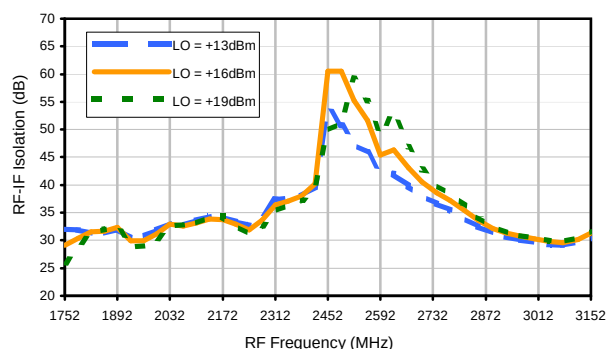
LO-RF Isolation



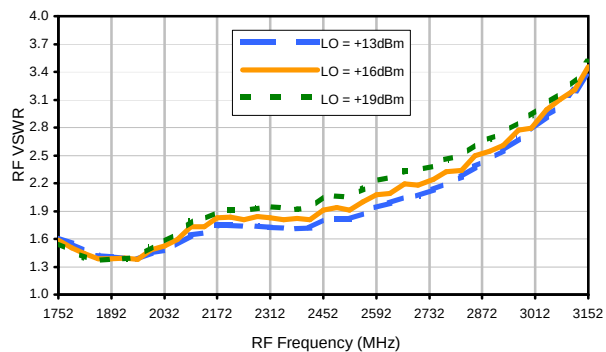
LO-IF Isolation



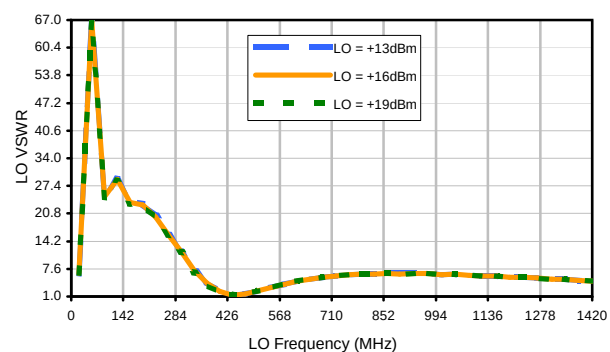
RF-IF Isolation



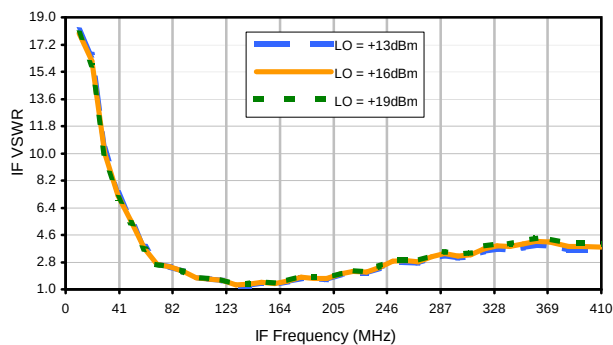
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	33	19	38	26	39	31	58	32	50
1	-	27	+0	35	10	32	23	38	39	37	38	37
2	69	70	65	73	67	70	60	72	58	70	60	69
3	>90	>83	75	>83	73	78	68	82	71	81	74	81
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>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	79	>83	82	>83	82	>83	>83	>83	>83
10	85	79	>83	>83	>83	>83	82	>83	79	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2157 MHz; 0.00 dBm.
LO IN: 425 MHz; +16.00 dBm
IF OUT: 1732 MHz; -6.58 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	44	29	45	35	47	41	55	42	55
1	-	27	+0	36	10	33	24	39	36	38	37	39
2	49	61	58	68	57	59	51	58	50	56	54	57
3	89	72	57	78	55	65	50	64	54	69	57	66
4	>90	>93	93	85	89	89	86	89	78	90	74	85
5	>90	>93	>93	>93	>93	>93	87	92	87	>93	85	90
6	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
7	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
8	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>90	90	92	>93	93	>93	>93	>93	>93	>93	>93	>93
10	89	84	>93	>93	91	89	>93	>93	93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2157 MHz; 10.00 dBm.
LO IN: 425 MHz; +16.00 dBm
IF OUT: 1732 MHz; 3.41 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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