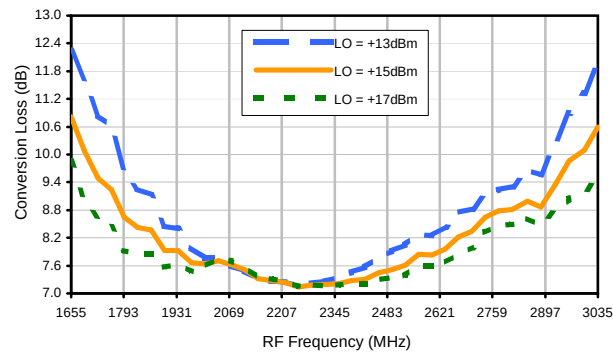
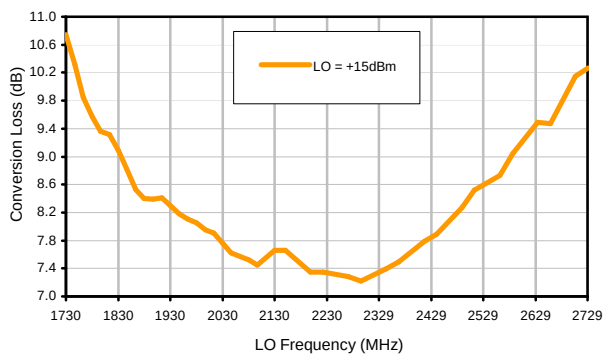


Typical Performance Curves

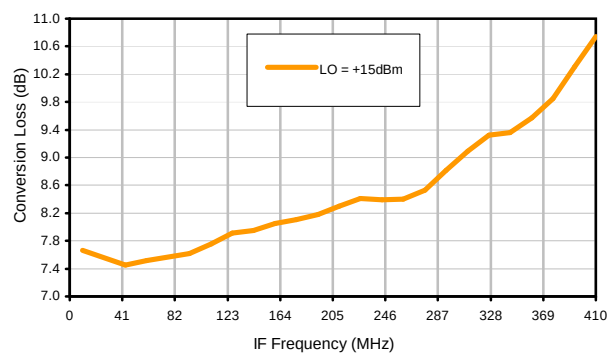
Conversion Loss @ IF=57.6MHz



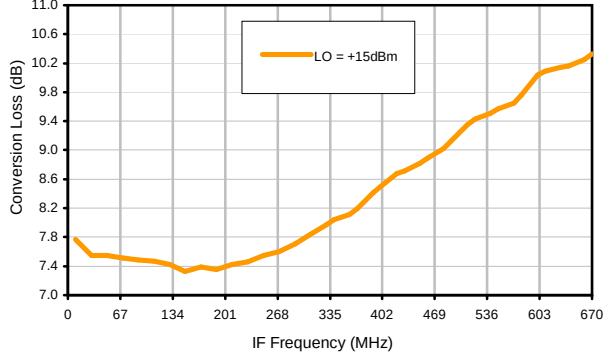
Conversion Loss vs. LO @ RF=2140MHz



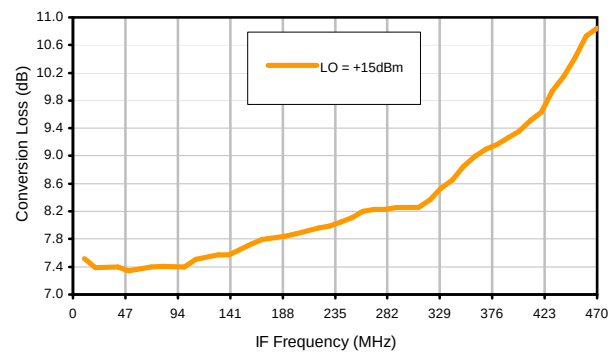
Conversion Loss vs. IF @ RF=2140MHz



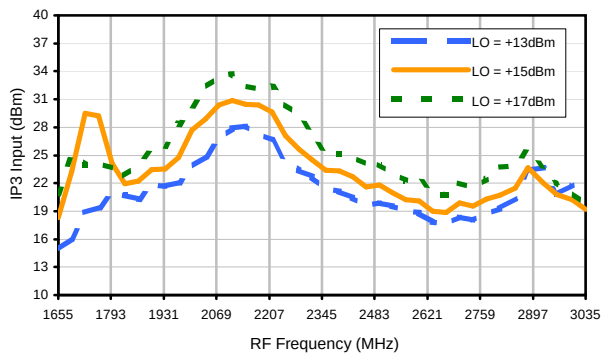
Conversion Loss vs. IF @ RF=2094.89MHz



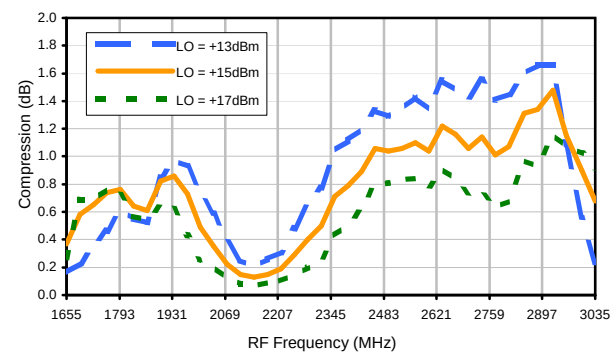
Conversion Loss vs. IF @ RF=2185.1MHz



IP3 Input



Compression @ RF IN=+15dBm



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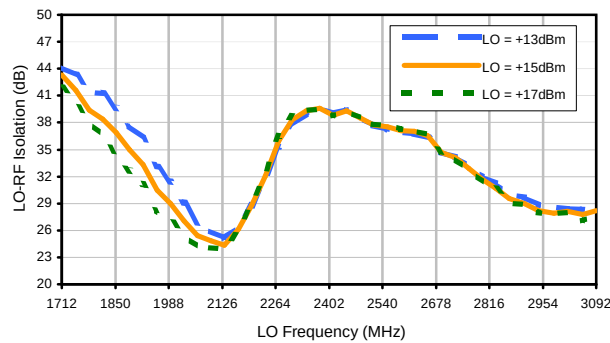


The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see

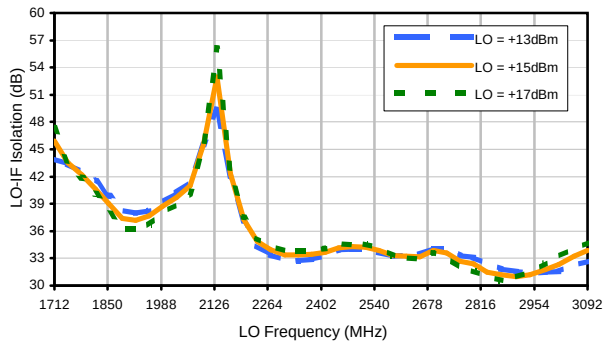


Typical Performance Curves

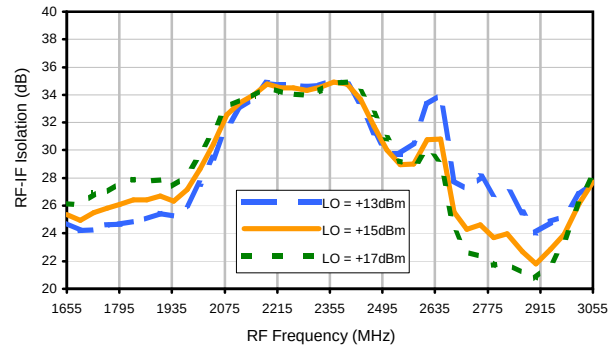
LO-RF Isolation



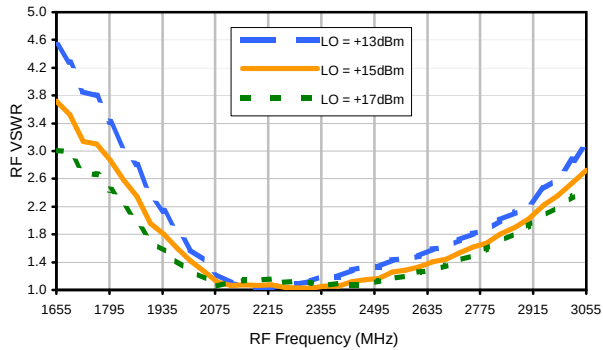
LO-IF Isolation



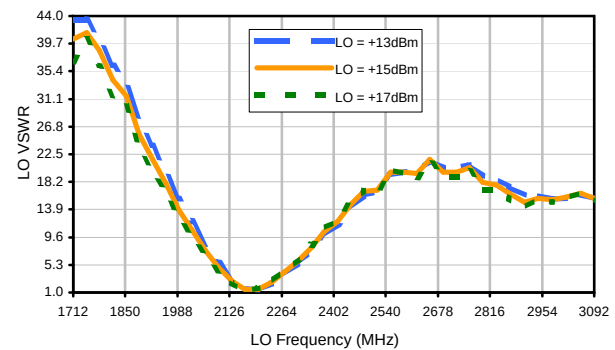
RF-IF Isolation



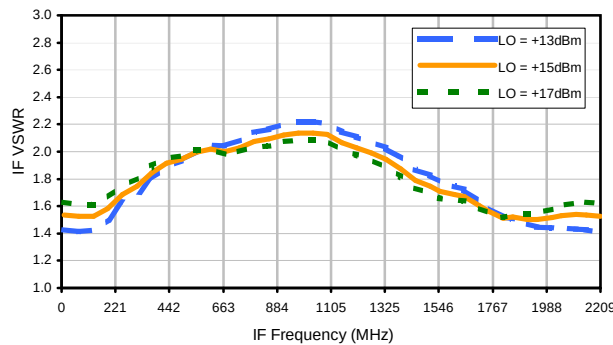
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	21	11	21	22	26	47	58	43	61
1	-	26	+0	28	23	40	38	44	48	55	60	69
2	58	56	78	49	55	61	54	66	64	67	81	81
3	>90	>82	73	>82	71	78	76	80	>82	>82	>82	>82
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2140 MHz; 0.00 dBm.
LO IN: 2197.6 MHz; +15.00 dBm
IF OUT: 57.6 MHz; -7.55 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	30	21	30	33	37	58	65	56	73
1	-	26	+0	28	23	41	38	45	49	57	61	71
2	38	46	63	39	45	51	44	54	54	59	81	72
3	65	66	50	60	46	57	54	62	70	76	79	76
4	90	73	77	73	69	65	64	71	64	87	80	80
5	>90	91	82	80	76	76	68	73	75	79	87	90
6	>90	86	>93	>93	>93	86	91	82	82	87	81	>93
7	>90	>93	89	>93	91	>93	85	89	78	88	>93	>93
8	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>90	>93	>93	>93	>93	>93	>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: 2140 MHz; 10.00 dBm.
LO IN: 2197.6 MHz; +15.00 dBm
IF OUT: 57.6 MHz; 2.57 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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