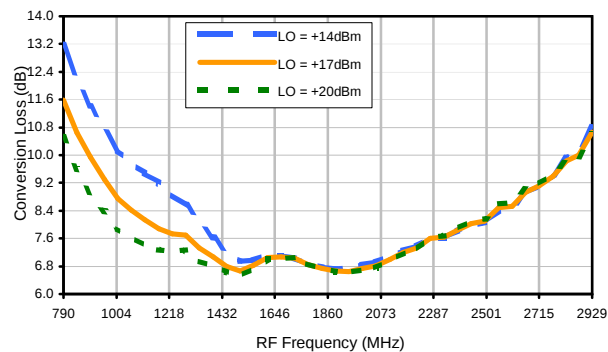
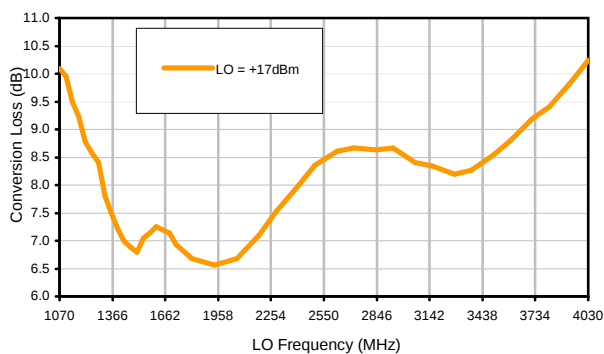


Typical Performance Curves

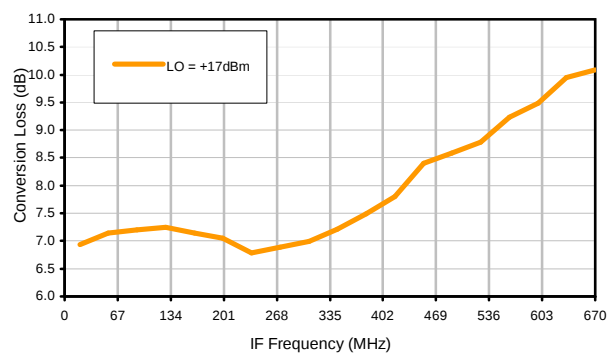
Conversion Loss @ IF=30MHz



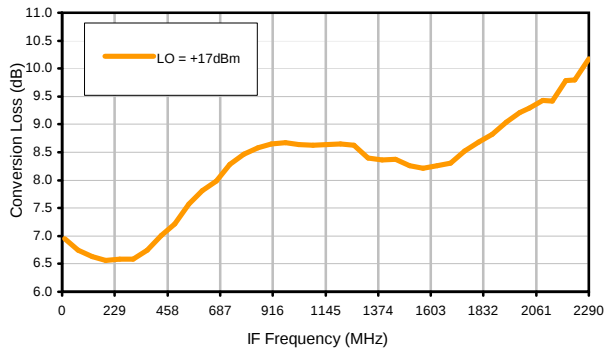
Conversion Loss vs. LO @ RF=1740MHz



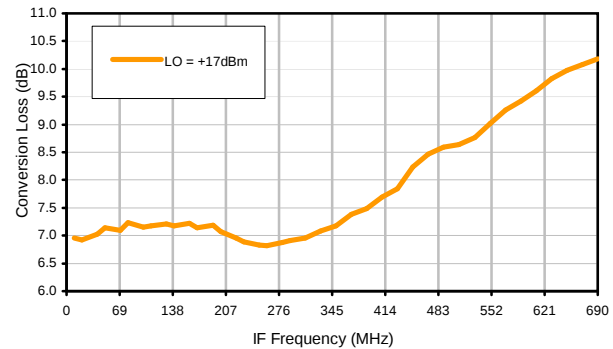
Conversion Loss vs. IF @ RF=1740MHz



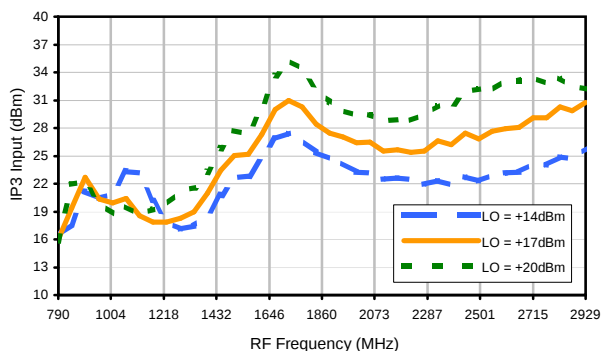
Conversion Loss vs. IF @ RF=1730MHz



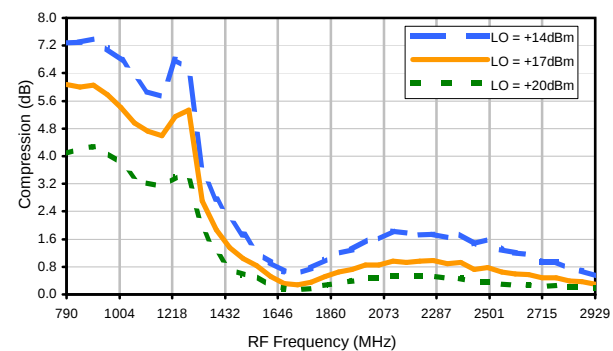
Conversion Loss vs. IF @ RF=1750MHz



IP3 Input



Compression @ RF IN=+17dBm



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Page 1 of 3



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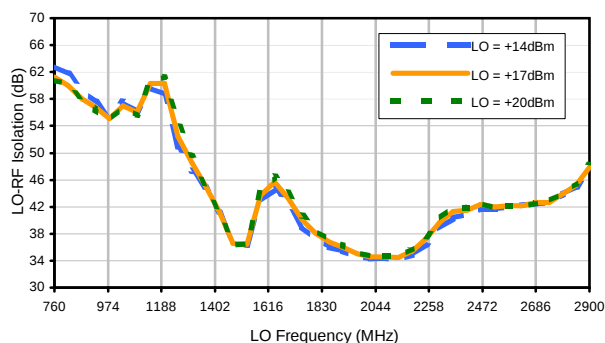


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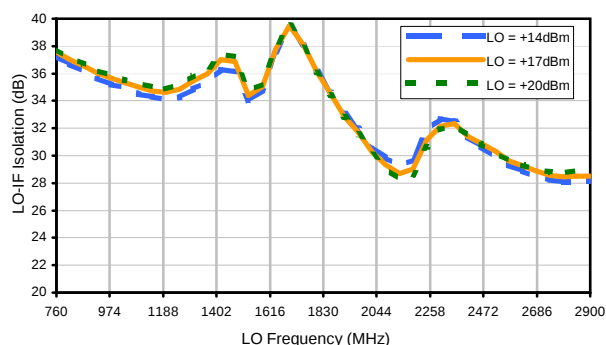


Typical Performance Curves

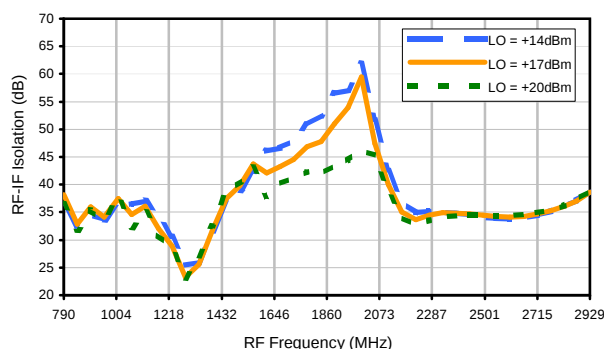
LO-RF Isolation



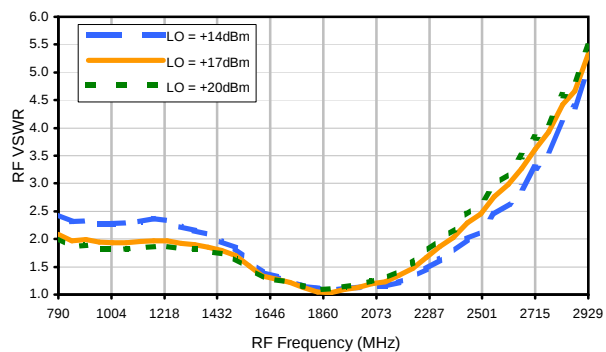
LO-IF Isolation



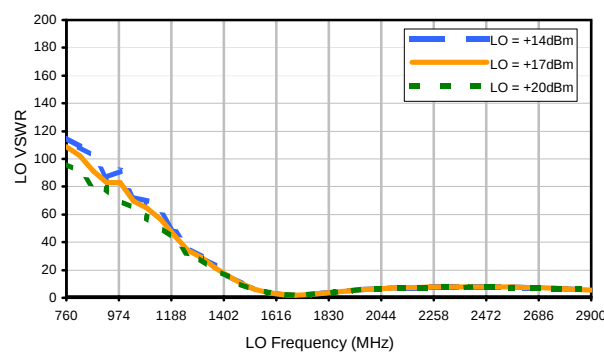
RF-IF Isolation



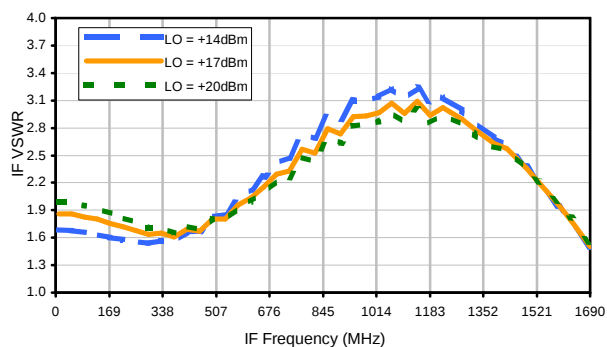
RF VSWR



LO VSWR



IF VSWR



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Page 2 of 3



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	8	19	28	34	38	38	47	50	46
1	-	35	+0	38	17	38	29	39	39	51	49	60
2	58	56	51	70	69	69	64	68	68	72	76	76
3	>90	>83	70	>83	67	77	75	82	73	>83	>83	>83
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	>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: 1740 MHz; 0.00 dBm.
LO IN: 1710 MHz; +17.00 dBm
IF OUT: 30 MHz; -7.13 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	18	30	40	42	46	50	56	59	55
1	-	35	+0	38	18	37	30	40	41	53	55	61
2	38	46	40	58	60	59	53	60	59	64	66	69
3	68	64	48	60	44	64	51	67	53	66	61	70
4	89	76	73	88	67	75	67	76	75	82	83	91
5	>90	>93	80	>93	82	76	76	78	87	86	82	92
6	>90	>93	>93	>93	91	>93	81	91	84	92	91	>93
7	>90	>93	>93	>93	>93	>93	88	92	83	>93	>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	90	>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: 1740 MHz; 10.00 dBm.
LO IN: 1710 MHz; +17.00 dBm
IF OUT: 30 MHz; 2.74 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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Page 3 of 3



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