KIIS-FM Los Angeles, CA   **Intermodulation Measurements November 2, 2011**

	FREQ. (MHz)	REFERENCE LEVEL (dBm)
Frequency A	104.3	
Frequency B	103.5	
Frequency C	102.7	10.0
Frequency D	98.7	
Frequency E	92.3	

DESCRIPTION		MEASURED LEVEL (dBm)	FILTER LOSS (dB)	ATTENUATION (dBc)	
A + C	207	> -80.0	-1.0	> -89.0	
A - C	1.6	> -80.0	-0.1	> -89.9	
A + (2 X C)	309.7	> -80.0	-1.4	> -88.6	
C + (2 X A)	311.3	> -80.0	-1.4	> -88.6	
(2 X A) - C	105.9	> -80.0	-1.4	> -88.6	
2 X C	205.4	> -80.0	-1.0	> -89.0	
(2 X C) - A	101.1	-71.2	-1.2	-80.0	Measured signal identified as KRTH
3 X C	308.1	> -80.0	-1.4	> -88.6	
A+B+C	310.5	> -80.0	-1.4	> -88.6	
A+B-C	105.1	> -80.0	-4.1	> -85.9	
B+C-A	101.9	> -80.0	-3.8	> -86.2	
A+C-B	103.5	> -80.0	-8.7	> -81.3	103.5 MHz notch filter removed
A+D+C	305.7	> -80.0	-1.3	> -88.7	
A+D-C	100.3	> -80.0	-1.1	> -88.9	
D+C-A	97.1	> -80.0	-1.0	> -89.0	
A+C-D	108.3	> -80.0	-0.8	> -89.2	
D+B+C	304.9	> -80.0	-1.3	> -88.7	
D+B-C	99.5	> -80.0	-2.9	> -87.1	
B+C-D	107.5	-75.0	-0.9	-84.1	Measured signal identified as KLVE
D+C-B	97.9	> -80.0	-2.4	> -87.6	
B + C	206.2	> -80.0	-1.0	> -89.0	
B - C	0.8	> -80.0	-0.1	> -89.9	
B + (2 X C)	308.9	> -80.0	-1.4	> -88.6	
C + (2 X B)	309.7	> -80.0	-1.4	> -88.6	
(2 X B) - C	104.3	> -80.0	-2.7	> -87.3	104.3 MHz filter notch removed
(2 X C) - B	101.9	> -80.0	-3.8	> -86.2	
A+E+C	299.3	> -80.0	-1.3	> -88.7	
A+E-C	93.9	> -80.0	-1.4	> -88.6	
E+C-A	90.7	> -80.0	-0.8	> -89.2	
A+C-E	114.7	> -80.0	-0.8	> -89.2	
C + D	201.4	> -80.0	-1.0	> -89.0	
C - D	4	> -80.0	-0.1	> -89.9	
C + (2 X D)	300.1	> -80.0	-1.3	> -88.7	
D + (2 X C)	304.1	> -80.0	-1.3	> -88.7	
(2 X C) - D	106.7	-77.4	-1.0	-86.4	Measured signal identified as KROQ
(2 X D) - C	94.7	-75.3	-0.9	-84.4	Measured signal identified as KTWV
C+B+E	300.1	> -80.0	-1.3	> -88.7	
C+B-E	115.5	> -80.0	-0.7	> -89.3	
B+E-C	91.5	-78.5	-4.9	> -83.6	Measured signal identified as KUSC
C+E-B	93.1	> -80.0	-6.1	> -83.9	
C + E	195	> -80.0	-1.0	> -89.0	
C - E	10.4	> -80.0	-0.2	> -89.8	
C + (2 X E)	287.3	> -80.0	-1.2	> -88.8	
E + (2 X C)	297.7	> -80.0	-1.3	> -88.7	
(2 X C) - E	113.1	> -80.0	-0.7	> -89.3	
(2 X E) - C	81.9	> -80.0	-0.7	> -89.3	
C+D+E	293.7	> -80.0	-1.3	> -88.7	
C+D-E	109.1	> -80.0	-0.8	> -89.2	
D+E-C	88.3	> -80.0	-0.8	> -89.2	
C+E-D	96.3	-78.3	-0.8	-87.5	Measured signal identified as KXOL
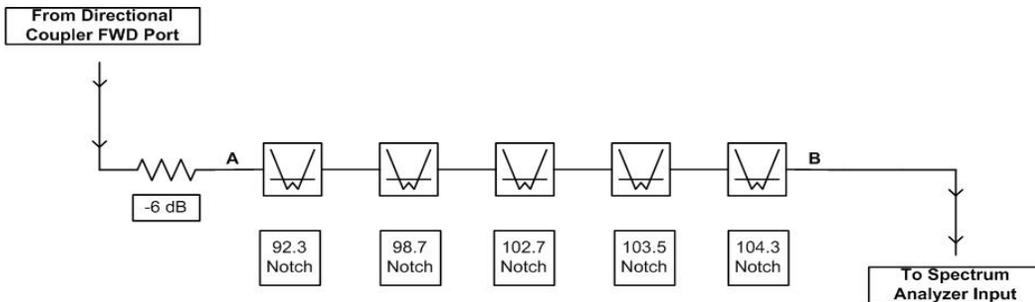
Intermodulation Study Test Setup