



Nemko USA, Inc.
11696 Sorrento Valley Road, Suite F
San Diego, CA 92121-1024
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December 12, 2006

Paul Jayne
Qualcomm Inc.
5775 Morehouse Drive
San Diego, CA 92121

Re: SDVM Modem
Nemko Project Number: 2089-1

Dear Mr. Jayne

This letter is intended to serve as a notice that the SDVM Modem, as tested, has complied with the following test per *client request*:

<i>Test Specification</i>	<i>Test Name</i>
FCC Part 25	Transmitter Harmonic Test

Please keep us in mind for your next project and call with any questions.

Sincerely,

Mike T. Krumweide
EMC Supervisor



1. Radiated Emissions Test Results



NEMKO USA, Inc.

San Diego Headquarters:
 11696 Sorrento Valley Rd.
 San Diego, CA 92121
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Radiated Emissions Data

Complete X Job # : 2089-QUA Test # : 1
 Preliminary _____ Page 1 of 1

Client Name : Qualcomm Inc.
 EUT Name : GSP-1720 SDVM
 EUT Model # : 20-C6458-1
 EUT ANTENNA Part # : 826420-011
 EUT Serial # : N10D6XC3X
 EUT Config. : Standard configuration

Specification : FCC Part 25 Transmitter Harmonics Testing Reference : _____

Rod. Ant. # : NA Temp. (deg. C) : 19 Date : 12/12/2006
 Bicon Ant.# : NA Humidity (%) : 42 Time : 12:30PM
 Log Ant.# : NA EUT Voltage : 5VDC Staff : Ferdinand Custodio
 DRG Ant. # : 877 EUT Frequency : _____ Photo ID : _____
 Dipole Ant.# : NA Phase : _____ Peak Res Bandwidth: 5 kHz
 Cable# : 40ft Location : SOATS Peak Video Bandwidth 5 kHz
 Preamp# : 842 Distance : 3M AVE Res Bandwidth : _____
 Spec An.# : 835 AVE Video Bandwidth : _____
 QP # : NA
 PreSelect# : NA

Meas. Freq. (MHz)	Vertical (dBuV)		Horizontal (dBuV)		CF (db)	Max Level (dBuV/m)		Spec. Limit (dBuV/m)		Margin dB		EUT Rotation	Ant. Height	Pass Fail Unc.	Comment
	pk	av	pk	av		pk	av	pk	av	pk	av				
3221.46	45.9		44.2		6.4	52.3		94.0		-41.7		180.0	1.2	Pass	14 dB attenuation
4832.2	42.4		40.6		-4.952	37.45		94.0		-56.6		180.0	1.2	Pass	
6442.9	62.2		53.9		1.2	63.4		94.0		-30.6		180.0	1.2	Pass	
8053.7	37.4		32.3		5.4	42.8		94.0		-51.2		180.0	1.2	Pass	
9664.4	20.1		20.1		9.4	29.5		94.0		-64.5		180.0	1.2	Pass	Noise Floor
11275.1	20.0		20.0		14.8	34.81		94.0		-59.2		180.0	1.2	Pass	Noise Floor
12886.0	18.5		18.5		17.6	36.14		94.0		-57.9		180.0	1.2	Pass	Noise Floor
14497.0	17.6		17.6		20.1	37.69		94.0		-56.3		180.0	1.2	Pass	Noise Floor
16107.0	15.1		15.1		23.5	38.55		94.0		-55.5		180.0	1.2	Pass	Noise Floor
3233.8	47.7		46.3		6.6	54.3		94.0		-39.7		180.0	1.2	Pass	14 dB attenuation
4850.7	47.6		42.9		-4.3	43.35		94.0		-50.7		180.0	1.2	Pass	
6467.6	65.1		57.4		1.2	66.28		94.0		-27.7		180.0	1.2	Pass	
8084.4	43.8		37.7		5.4	49.17		94.0		-44.8		180.0	1.2	Pass	
9701.4	20.1		20.1		9.4	29.5		94.0		-64.5		180.0	1.2	Pass	Noise Floor
11318.4	20.0		20.0		14.8	34.81		94.0		-59.2		180.0	1.2	Pass	Noise Floor
12935.2	18.5		18.5		17.6	36.14		94.0		-57.9		180.0	1.2	Pass	Noise Floor
14552.1	17.6		17.6		20.7	38.29		94.0		-55.7		180.0	1.2	Pass	Noise Floor
16169.0	15.1		15.1		23.5	38.55		94.0		-55.5		180.0	1.2	Pass	Noise Floor
3241.1	45.0		44.9		6.9	51.9		94.0		-42.1		180.0	1.2	Pass	14 dB attenuation
4861.7	44.4		38.2		-4.3	40.15		94.0		-53.9		180.0	1.2	Pass	
6482.3	60.6		55.8		1.2	61.78		94.0		-32.2		180.0	1.2	Pass	
8102.9	33.7		28.9		5.4	39.07		94.0		-54.9		180.0	1.2	Pass	
9723.4	20.1		20.1		9.4	29.5		94.0		-64.5		180.0	1.2	Pass	Noise Floor
11344.0	20.0		20.0		14.8	34.81		94.0		-59.2		180.0	1.2	Pass	Noise Floor
12964.6	18.5		18.5		17.6	36.14		94.0		-57.9		180.0	1.2	Pass	Noise Floor
14585.1	17.6		17.6		20.7	38.29		94.0		-55.7		180.0	1.2	Pass	Noise Floor
16205.7	15.1		15.1		23.5	38.55		94.0		-55.5		180.0	1.2	Pass	Noise Floor

Signal Substitution

No signal substitutions were made. All detected emissions were greater than -20dB below the FCC requirement for substitution measurements.

2. Radiated Emissions Test Equipment

Asset Number	MFG	Description	Model Number	Serial Number	Last Cal.	Cal. Due
877	AH Systems	Antenna, DRG Horn, .7-18G	SAS-571	688	6/20/06	6/20/07
835	Rohde & Schwarz	Spectrum Analyzer	RHDFSEK	829058/005	1/18/06	1/18/07
842	Nemko	Preamp	Nemko	na	5/12/06	5/12/07