



VERITAS Curtis-Straus LLC, a wholly owned subsidiary of BV CPS

Report No	EQ3280-2
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Client Escort Inc.

Address 5440 West Chester Road

West Chester, OH 45069

Phone (513) 870 - 8517

FCC ID QKLM3R2 FRN 0007508732

Equipment Type | CRD

Equipment Code Radar Detector

FCC Rule Parts | CFR Title 47 FCC Part 15.109(h)

Test Dates October 25, 2016

Results As detailed within this report

Prepared by

Christopher Bramley - EMC Engineer

Authorized by

unus Fazilogiu – Sr. EMC Engineer

Issue Date

1/23/2017

Conditions of Issue

This Test Report is issued subject to the conditions stated in the 'Conditions of Testing' section on page 8 of this report.

Curtis-Straus LLC is accredited by the American Association for Laboratory Accreditation for the specific scope of accreditation under Certificate Number 1627-01. This report may contain data which is not covered by the A2LA accreditation.





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REV 06-FEB-15 (SC)



### Summary

This report is an application for Certification of a radar detector operating pursuant to: CFR Title 47 FCC Part 15.109(h)

We found that the device met the above requirements without modification. The test sample was received in good condition.

### Test Methodology

Radiated emissions testing was performed in accordance with the procedures in ANSI C63.4-2014. Testing was performed at a distance of 1 meter. Emissions from the device were measured in the 11.7-12.2GHz frequency range. The device was powered by a variable power supply.

Issue No.

Reason for change

Date Issued

1

Original Release

January 23, 2017

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### **Product Tested**

## **Configuration Documentation**

		EUT C	onfiguration								
Q3280			-								
Escort Inc.	scort Inc.										
5440 West Chester	440 West Chester Road										
West Chester, OH,	45069										
Wanda Danaford											
wanda Densioru											
	MN		F	FCC ID			SN	Ī			
ESCOR?	Γ MAX Ci 360		QI	KLM3R2			Sampl	le 1			
Rear Radar Receive	er										
<del></del>	Mi	N				SN					
†											
					9200000 9999						
		· · · · · · · · · · · · · · · · · · ·									
NFB 6											
t Type # ports	# populated	cable type	shielded	ferrites	length (m)	in/out	under test	comment			
	Escort Inc. 5440 West Chester West Chester, OH, Wanda Densford ESCOR	Escort Inc. 5440 West Chester Road West Chester, OH, 45069  Wanda Densford  MN ESCORT MAX Ci 360 Rear Radar Receiver  MI	Q3280     Escort Inc.     5440 West Chester Road     West Chester, OH, 45069     Wanda Densford     MN	Q3280     Escort Inc.     5440 West Chester Road     West Chester, OH, 45069     Wanda Densford     MN	Q3280     Escort Inc.     5440 West Chester Road     West Chester, OH, 45069     Wanda Densford     MN	Q3280     Escort Inc.     5440 West Chester Road     West Chester, OH, 45069     Wanda Densford     MN	Q3280     Escort Inc.     5440 West Chester Road     West Chester, OH, 45069     Wanda Densford     MN	Q3280   Escort Inc.   5440 West Chester Road   West Chester, OH, 45069   Wanda Densford   SN			



# Statement of Conformity

47 CFR 15.109(h) states that

"Radar detectors shall comply with the emission limits in paragraph (a) of this section over the frequency range of 11.7-12.2 GHz."

The applicable limit being 500µV/m measured at a distance of 3m.

Device complied with this requirement as shown in the next section.





### Test Results

### **Radiated Emissions**

Date:	25-Oct-16			Company:	Escort Inc.							V	Vork Order:	Q3280
Engineer:	Chris Bramley			EUT Desc:	ESCORT N	лах Сі зі	60 - Front and Re	ar Radar Recei	vers		<b>EUT Operat</b>	ing Voltage/	Frequency:	12Vdc
Temp:	24.3°C			<b>Humidity:</b>	25%			Pressure	: 1013mBar					
		Freque	ncy Range:	11.7-12.20	Hz						Measureme	nt Distance:	1 m	
Notes:	No emissions	found - Nois	e floor readir	ngs taken										
Antenna		Peak	Average	Preamp	Antenna	Cable	Adjusted	Adjusted	47 CFR §15.	109(h)- High - Peak	r Frequency	47 CFR §15.	.109(h) High Average	Frequency -
Polarization (H / V)	Frequency (MHz)	Reading (dBµV)	Reading (dBμV)	Factor (dB)	Factor (dB/m)	Factor (dB)	Peak Reading (dBμV/m)	Avg Reading (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result (Pass/Fail)	Limit (dBµV/m)	Margin (dB)	Result (Pass/Fail)
٧	11700.0	32.05	18.8	17.7	39.3	10.2	63.9	50.6	83.5	-19.6	Pass	63.5	-12.9	Pass
h	11783.0	32.21	18.8	17.6	39.3	10.3	64.2	50.8	83.5	-19.3	Pass	63.5	-12.7	Pass
v	11829.0	32.12	18.3	17.5	39.3	10.0	63.9	50.1	83.5	-19.6	Pass	63.5	-13.4	Pass
h	11859.0	32.76	18.5	17.3	39.3	9.7	64.5	50.2	83.5	-19.0	Pass	63.5	-13.3	Pass
v	11949.0	31.8	18.3	17.1	39.3	9.8	63.8	50.3	83.5	-19.7	Pass	63.5	-13.2	Pass
h	12032.0	32.21	18.3	17.2	39.2	10.2	64.4	50.5	83.5	-19.1	Pass	63.5	-13.0	Pass
h	12115.0	32.51	18.4	17.3	39.1	9.9	64.2	50.1	83.5	-19.3	Pass	63.5	-13.4	Pass
h	12200.0	32.62	18.6	16.9	38.9	10.1	64.7	50.7	83.5	-18.8	Pass	63.5	-12.8	Pass
Table	e Result:		Pass	by	-12.7	dB					W	orst Freq:	11783.0	MHz
	EMI Chamber Asset #1327	1			Asset #205 Asset #15						: Asset #1784 : Black Horn			

Rev.	10/21	/2016
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Range	MN	Mfr	SN	Asset	Cat	Calibration Due	Calibrated on
9kHz-13.2 GHz	E4405B	Agilent	MY45103416	1327	I	8/4/2017	8/4/2016
FCC Code	IC Code	VCCI Code	Range		Cat	Calibration Due	Calibrated on
719150	2762A-6	A-0015	30-1000MHz		II	3/21/2017	3/21/2015
Range	MN	Mfr	SN	Asset	Cat	Calibration Due	Calibrated on
1-20GHz	CS	CS	N/A	1517	II	8/14/2017	8/14/2016
Range	MN	Mfr	SN	Asset	Cat	Calibration Due	Calibrated on
1-18GHz	3115	EMCO	9703-5148	56	1	8/29/2018	8/29/2016
	MN	Mfr	SN	Asset	Cat	Calibration Due	Calibrated on
	BA928	Oregon Scientific	C3166-1	831	- 1	4/28/2018	4/28/2016
	HTC-1	HDE		2080	II	4/5/2017	4/5/2016
Range		Mfr			Cat	Calibration Due	Calibrated on
9kHz - 18GHz		Florida RF			II	3/7/2017	3/7/2016
9kHz - 18GHz		Florida RF			II	3/2/2017	3/2/2016
	9kHz-13.2 GHz  FCC Code 719150  Range 1-20GHz  Range 1-18GHz  Range 9kHz - 18GHz	9kHz-13.2 GHz	9kHz-13.2 GHz         E4405B         Agilent           FCC Code 719150         IC Code 2762A-6         VCCI Code A-0015           Range 1-20GHz         MN CS         Mfr EMCO           Range 1-18GHz         MN Mfr 3115         Mfr EMCO           MN BA928 HTC-1         Mfr Oregon Scientific HDE           Range 9kHz - 18GHz         Mfr Florida RF	9kHz-13.2 GHz         E4405B         Agilent         MY45103416           FCC Code 719150         IC Code 2762A-6         VCCI Code A-0015         Range 30-1000MHz           Range 1-20GHz         MN CS         Mfr SN N/A           Range 1-18GHz         MN Mfr 3115         Mfr EMCO         SN 9703-5148           MN BA928 HTC-1         Mfr HDE         SN C3166-1 HDE           Range 9kHz - 18GHz         Mfr Florida RF	9kHz-13.2 GHz         E4405B         Agilent         MY45103416         1327           FCC Code 719150         IC Code 2762A-6         VCCI Code A-0015         Range 30-1000MHz         Range 30-1000MHz           Range 1-20GHz         MN CS         Mfr SN         Asset Asset 9703-5148         56           MN BA928 HTC-1         Mfr HDE         SN MSSET SN MSSET MSSE	9kHz-13.2 GHz         E4405B         Agilent         MY45103416         1327         I           FCC Code 719150         IC Code 2762A-6         VCCI Code A-0015         Range 30-1000MHz         Cat II           Range 1-20GHz         MN CS         Msset CS         Cat N/A         Asset 1517         II           Range 1-18GHz         MN 3115         Mfr EMCO         SN 9703-5148         Asset 56         Cat I           MN BA928 HTC-1         Oregon Scientific HDE         C3166-1 C3166-1         831 831 831         I 2080         II           Range 9kHz - 18GHz         Mfr Florida RF         Cat Florida RF         Cat II	9kHz-13.2 GHz         E4405B         Agilent         MY45103416         1327         I         8/4/2017           FCC Code 719150         IC Code 2762A-6         VCCI Code A-0015         Range 30-1000MHz         Cat II         Calibration Due 3/21/2017           Range 1-20GHz         MN CS         Mfr CS         SN SN SM         Asset Asset II         Calibration Due 8/14/2017           Range 1-18GHz         MN MID MID MID MID MID MID MID MID MID MID

All equipment is calibrated using standards traceable to NIST or other nationally recognized calibration standard.



# Measurement Uncertainty

Radiated Emissions (20-1000MHz)	Measurement	Expanded Uncertainty k=2	Maximum allowable uncertainty
CISPR   4.66B   S.28B (Usign)   Radiated Emissions (1:28:50Hz)   4.66B   N/A     Radiated Emissions (1:28:50Hz)   4.56B   N/A     Radiated Emissions (1:28:50Hz)   4.56B   N/A     Magnetic Radiated Emissions   5.66B   N/A     Conducted Emissions   3.66B   N/A     Conducted Emissions   3.66B   3.66B   N/A     CISPR   3.66B   3.66B   N/A     Teloc Conducted Emissions (Current)   2.96B   N/A     Teloc Conducted Emissions (Voltage)   4.46B   N/A     Teloc Conducted Emissions (Voltage)   4.46B   N/A     Electrostatic Discharge   11.5%   N/A     Radiated RF Immunity (Uniform Field)   1.66B   N/A     Electrical Feat Transients   23.1%   N/A     Surge   23.1%   N/A     Conducted RF Immunity   3/dB   N/A     Magnetic Immunity   12.8%   N/A     Dips and Interrupts   2.31V   N/A     Harmonics   3.5%   N/A     Ficker   3.5%   N/A     Radio frequency (@ 2.4GHz)   3.23 × 10*   1 × 10*     Ficker   3.5%   N/A     Radio frequency (@ 2.4GHz)   3.23 × 10*   1 × 10*     Fip power, conducted   0.40dB   0.75dB     Maximum frequency (december of the equency / Within 6kHz and   3.4%   5%   3.6B   3.6B     Conducted emission of trequency / Within 6kHz and   3.4%   5%   3.6B   3.6B     Conducted emission of treceivers   1.36B   3.6B   3.6B     Radiated emission of treceivers   1.36B   3.6B   3.6B     Radiated emission of transmitter, valid up to 28.5GHz   3.36B   6.6B     Radiated emission of transmitter, valid up to 28.5GHz   3.36B   6.6B     Radiated emission of transmitter, valid up to 26.5GHz   3.36B   6.6B     Radiated emission of transmitter, valid up to 80GHz   3.36B   6.6B     Radiated emission of transmitter, valid up to 26.5GHz   3.36B   6.6B     Radiated emission of transmitter, valid up to 26.5GHz   3.36B   6.6B     Radiated emission of transmitter, valid up to 26.5GHz   3.36B   6.6B     Radiated emission of transmitter, valid up to 80GHz   3.36B   6.6B     Radiated emission of transmitter, valid up to 26.5GHz   3.94B   6.6B     Radiated emission of transmitter, valid up to 26.5GHz   3.94B   6.6B     Radiated emission of t	Radiated Emissions (30-1000MHz)		
Radiated Emissions (above 26.5GHz)			
Magnetic Radiated Emissions   5.6dB   N/A	Radiated Emissions (1-26.5GHz)	4.6dB	N/A
Conducted Emissions	Radiated Emissions (above 26.5GHz)	4.9dB	N/A
NIST	Magnetic Radiated Emissions	5.6dB	N/A
Telco Conducted Emissions (Current)	NIST	3.9dB	
Telco Conducted Emissions (Voltage)			` ' '
Electrostatic Discharge	· , ,		
Radiated RF Immunity (Uniform Field)	, , ,		· · · · · · · · · · · · · · · · · · ·
Electrical Fast Transients			· · · · · · · · · · · · · · · · · · ·
Surge			·
Conducted RF Immunity   3dB			
Magnetic immunity         12.8%         N/A           Dips and Interrupts         2.3V         N/A           Harmonics         3.5%         N/A           Flicker         3.5%         N/A           Radio frequency (@ 2.4GHz)         3.23 x 10®         1 x 10²           RF power, conducted         0.40dB         0.75dB           Maximum frequency deviation:         3.4%         5%           • Within 300Hz and 6kHz of audio frequency / Within 6kHz and 25kHz of audio frequency         3.4%         5%           • Within 300Hz and 6kHz of audio frequency / Within 6kHz and 3.4%         5%         30B           • Within 300Hz and 6kHz of audio frequency / Within 6kHz and 3.4%         5%         30B           • Within 300Hz and 6kHz of audio frequency / 0.3dB         3dB         3dB           Conducted spurious emission of transmitter, valid up to 12.75GHz         2.39dB         3dB           Conducted spurious emission of transmitter, valid up to 26.5GHz         3.9dB         6dB           Radiated emission of transmitter, valid up to 80GHz         3.3dB         6dB           Radiated emission of transmitter, valid up to 26.5GHz         3.9dB         6dB           Radiated emission of receiver, valid up to 26.5GHz         3.9dB         6dB           Radiated emission of receiver, valid up to 80GHz	Surge	23.1%	N/A
Dips and Interrupts	Conducted RF Immunity	3dB	N/A
Harmonics 3.5% N/A  Flicker 3.5% N/A  Radio frequency (@ 2.4GHz) 3.23 x 10 <sup>-8</sup> 1 x 10 <sup>-7</sup> RF power, conducted 0.40dB 0.75dB  Maximum frequency deviation:  ■ Within 300Hz and 6kHz of audio frequency / Within 6kHz and 2.34% 5% 3dB  ZSKHz of audio frequency  ■ Adjacent channel power 1.9dB 3dB  Conducted spurious emission of transmitter, valid up to 12.75GHz 2.39dB 3dB  Conducted emission of freceivers 1.3dB 3dB  Radiated emission of transmitter, valid up to 26.5GHz 3.9dB 6dB  Radiated emission of transmitter, valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.9dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Data do the frequency valid up to 80GHz 3.3dB 6dB  Radiated emission of receiver, valid up to 80GHz 3.3dB 6dB  Data do the frequency voltages 1.3% 3%  Voltage (AC, <10kHz) 1.3% 2%  Voltage (AC, <10kHz) 1.3% 2%	Magnetic Immunity	12.8%	N/A
Flicker   3.5%   N/A     Radio frequency (@ 2.4GHz)   3.23 x 10 <sup>-9</sup>   1 x 10 <sup>-7</sup>     RF power, conducted   0.40dB   0.75dB     Maximum frequency deviation:   Within 300Hz and 6kHz of audio frequency / Within 6kHz and   2.4%   5%     25kHz of audio frequency   0.3dB   3dB     Adjacent channel power   1.9dB   3dB     Conducted spurious emission of transmitter, valid up to 12.75GHz   2.39dB   3dB     Conducted emission of fransmitter, valid up to 12.75GHz   3.9dB   3dB     Radiated emission of fransmitter, valid up to 26.5GHz   3.9dB   6dB     Radiated emission of fransmitter, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 26.5GHz   3.9dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 90GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 90GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 90GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB   6dB     Radiated emission of receiver, valid up to 80GHz   3.3dB     Radiated emission of receiver, valid up to 80GHz   3.3dB     Radiated emission of receiver	Dips and Interrupts	2.3V	N/A
Radio frequency (@ 2.4GHz)         3.23 x 10 <sup>-8</sup> 1 x 10 <sup>-7</sup> RF power, conducted         0.40dB         0.75dB           Maximum frequency deviation: <ul></ul>	Harmonics	3.5%	N/A
RF power, conducted	Flicker	3.5%	N/A
Maximum frequency deviation:         Within 300Hz and 6kHz of audio frequency / Within 6kHz and 25kHz of audio frequency         3.4% 5% 3dB 3dB 3dB           Adjacent channel power         1.9dB 3dB           Conducted spurious emission of transmitter, valid up to 12.75GHz         2.39dB 3dB 3dB           Conducted emission of transmitter, valid up to 26.5GHz         1.3dB 3dB 3dB           Radiated emission of transmitter, valid up to 26.5GHz         3.9dB 6dB 3dB 3dB 3dB 3dB 6dB 3dB 3dB 3dB 3dB 3dB 3dB 3dB 3dB 3dB 3	Radio frequency (@ 2.4GHz)	3.23 x 10 <sup>-8</sup>	1 x 10 <sup>-7</sup>
• Within 300Hz and 6kHz of audio frequency / Within 6kHz and 25kHz of audio frequency         3.4% 3dB         5% 3dB           Adjacent channel power         1.9dB         3dB           Conducted spurious emission of transmitter, valid up to 12.75GHz         2.39dB         3dB           Conducted emission of transmitter, valid up to 26.5GHz         3.9dB         3dB           Radiated emission of transmitter, valid up to 80GHz         3.3dB         6dB           Radiated emission of receiver, valid up to 80GHz         3.9dB         6dB           Radiated emission of receiver, valid up to 80GHz         3.9dB         6dB           Radiated emission of receiver, valid up to 80GHz         3.3dB         6dB           Humidity         2.37%         5%           Temperature         0.7°C         1.0°C           Time         4.1%         10%           RF Power Density, Conducted         0.4dB         3dB           DC and low frequency voltages         1.3%         3%           Voltage (DC)         0.62%         1%	RF power, conducted	0.40dB	0.75dB
Conducted spurious emission of transmitter, valid up to 12.75GHz         2.39dB         3dB           Conducted emission of receivers         1.3dB         3dB           Radiated emission of transmitter, valid up to 26.5GHz         3.9dB         6dB           Radiated emission of transmitter, valid up to 80GHz         3.3dB         6dB           Radiated emission of receiver, valid up to 26.5GHz         3.9dB         6dB           Radiated emission of receiver, valid up to 80GHz         3.3dB         6dB           Humidity         2.37%         5%           Temperature         0.7°C         1.0°C           Time         4.1%         10%           RF Power Density, Conducted         0.4dB         3dB           DC and low frequency voltages         1.3%         3%           Voltage (AC, <10kHz)	<ul> <li>Within 300Hz and 6kHz of audio frequency / Within 6kHz and</li> </ul>		
Conducted emission of receivers       1.3dB       3dB         Radiated emission of transmitter, valid up to 26.5GHz       3.9dB       6dB         Radiated emission of transmitter, valid up to 80GHz       3.3dB       6dB         Radiated emission of receiver, valid up to 26.5GHz       3.9dB       6dB         Radiated emission of receiver, valid up to 80GHz       3.3dB       6dB         Humidity       2.37%       5%         Temperature       0.7°C       1.0°C         Time       4.1%       10%         RF Power Density, Conducted       0.4dB       3dB         DC and low frequency voltages       1.3%       3%         Voltage (AC, <10kHz)	Adjacent channel power	1.9dB	3dB
Radiated emission of transmitter, valid up to 26.5GHz       3.9dB       6dB         Radiated emission of transmitter, valid up to 80GHz       3.3dB       6dB         Radiated emission of receiver, valid up to 26.5GHz       3.9dB       6dB         Radiated emission of receiver, valid up to 80GHz       3.3dB       6dB         Humidity       2.37%       5%         Temperature       0.7°C       1.0°C         Time       4.1%       10%         RF Power Density, Conducted       0.4dB       3dB         DC and low frequency voltages       1.3%       3%         Voltage (AC, <10kHz)	Conducted spurious emission of transmitter, valid up to 12.75GHz	2.39dB	3dB
Radiated emission of transmitter, valid up to 80GHz       3.3dB       6dB         Radiated emission of receiver, valid up to 26.5GHz       3.9dB       6dB         Radiated emission of receiver, valid up to 80GHz       3.3dB       6dB         Humidity       2.37%       5%         Temperature       0.7°C       1.0°C         Time       4.1%       10%         RF Power Density, Conducted       0.4dB       3dB         DC and low frequency voltages       1.3%       3%         Voltage (AC, <10kHz)	Conducted emission of receivers	1.3dB	3dB
Radiated emission of receiver, valid up to 26.5GHz       3.9dB       6dB         Radiated emission of receiver, valid up to 80GHz       3.3dB       6dB         Humidity       2.37%       5%         Temperature       0.7°C       1.0°C         Time       4.1%       10%         RF Power Density, Conducted       0.4dB       3dB         DC and low frequency voltages       1.3%       3%         Voltage (AC, <10kHz)	Radiated emission of transmitter, valid up to 26.5GHz	3.9dB	6dB
Radiated emission of receiver, valid up to 80GHz       3.3dB       6dB         Humidity       2.37%       5%         Temperature       0.7°C       1.0°C         Time       4.1%       10%         RF Power Density, Conducted       0.4dB       3dB         DC and low frequency voltages       1.3%       3%         Voltage (AC, <10kHz)	Radiated emission of transmitter, valid up to 80GHz	3.3dB	6dB
Humidity       2.37%       5%         Temperature       0.7°C       1.0°C         Time       4.1%       10%         RF Power Density, Conducted       0.4dB       3dB         DC and low frequency voltages       1.3%       3%         Voltage (AC, <10kHz)       1.3%       2%         Voltage (DC)       0.62%       1%	Radiated emission of receiver, valid up to 26.5GHz	3.9dB	6dB
Temperature         0.7°C         1.0°C           Time         4.1%         10%           RF Power Density, Conducted         0.4dB         3dB           DC and low frequency voltages         1.3%         3%           Voltage (AC, <10kHz)	Radiated emission of receiver, valid up to 80GHz	3.3dB	6dB
Time       4.1%       10%         RF Power Density, Conducted       0.4dB       3dB         DC and low frequency voltages       1.3%       3%         Voltage (AC, <10kHz)       1.3%       2%         Voltage (DC)       0.62%       1%	Humidity	2.37%	5%
RF Power Density, Conducted       0.4dB       3dB         DC and low frequency voltages       1.3%       3%         Voltage (AC, <10kHz)	Temperature	0.7°C	1.0°C
DC and low frequency voltages     1.3%     3%       Voltage (AC, <10kHz)	Time	4.1%	10%
Voltage (AC, <10kHz)	RF Power Density, Conducted	0.4dB	3dB
Voltage (DC) 0.62% 1%	DC and low frequency voltages	1.3%	3%
	Voltage (AC, <10kHz)	1.3%	2%
The above reflects a 95% confidence level	Voltage (DC)	0.62%	1%
	The above reflects a 95% confidence level		



### Conditions Of Testing

[Bureau Veritas Consumer Products Services, Inc., a Massachusetts corporation], and/or its affiliates (collectively, the "Company") will conduct, at the request of the Submitter ("Client"), the tests specified on the submitted Test Request Form or equivalent in accordance with, and subject to, the following terms and conditions (collectively, "Conditions"):

- 1. All orders for tests are subject to acceptance by the Company, and no order will constitute a binding commitment of the Company unless and until such order is accepted by it, as evidenced by the issuance of a written report ("Test Report") by the Company. The Test Report is issued solely by the Company, is intended for the exclusive use of Client and shall not be published, used for advertising purposes, copied or replicated for distribution to any other person or entity or otherwise publicly disclosed without the prior written consent of the Company. By submitting a request for services to the Company, Client consents to the disclosure to accreditation bodies of those records of Client relevant to the accreditation body's assessment of the Company's competence and compliance with relevant accreditation criteria. The Company shall not be liable for any loss or damage whatsoever resulting from the failure of the Company to provide its services within any time period for completion estimated by the Company. If Client anticipates using the Test Report in any legal proceeding, arbitration, dispute resolution forum or other proceeding, it shall so notify the Company prior to submitting the Test Report in such proceeding. The Company has no obligation to provide a fact or expert witness at such proceeding unless the Company agrees in advance to do so for a separate and additional fee.
- 2. The Test Report will set forth the findings of the Company solely with respect to the test samples identified therein. Unless specifically and expressly indicated in the Test Report, the results set forth in such Test Report are not intended to be indicative or representative of the quality or characteristics of the lot from which a test sample is taken, and Client shall not rely upon the Test Report as being so indicative or representative of the lot or of the tested product in general. The Test Report will reflect the findings of the Company at the time of testing only, and the Company shall have no obligation to update the Test Report after its issuance. The Test Report will set forth the results of the tests performed by the Company based upon the written information provided to the Company. The Test Report will be based solely on the samples and written information submitted to the Company by Client, and the Company shall not be obligated to conduct any independent investigation or inquiry with respect thereto.
- 3. The Company may, in its sole discretion, destroy samples which have been furnished to the Company for testing and which have not been destroyed in the course of testing. The Company may delegate the performance of all or a portion of the services contemplated hereunder to an affiliate, agent or subcontractor of the Company, and Client consents to such delegation.
- 4. These Conditions and the Test Report represent the entire understanding of the parties hereto with respect to the subject matter hereof and of the Test Report, and no modification, variance or extrapolation with respect thereto shall be permitted without the prior written consent of the Company.
- 5. The names, service marks, trademarks and copyrights of the Company and its affiliates, including the names "BUREAU VERITAS," "BUREAU VERITAS CONSUMER PRODUCTS SERVICES," "BVCPS", "MTL", "ACTS", "MTL-ACTS" and CURTIS-STRAUS (collectively, the "Marks") are and shall remain the sole property of the Company or its affiliates and shall not be used by Client except solely to the extent that Client obtains the prior written approval of the Company and then only in the manner prescribed by the Company. Client shall not contest the validity of the Marks or take any action that might impair the value or goodwill associated with the Marks or the image or reputation of the Company or its affiliates.
- 6. Payment in full shall be due 30 days after the date of invoice. Interest shall be due on overdue amounts from the due date until paid at an interest rate of 1.5% per month or, if less, the maximum rate permitted by law. The Company reserves the right, at any time and from time to time, to revoke any credit extended to Client. Client shall reimburse the Company for any costs it incurs in collecting past due amounts, including court costs and fees and expenses of attorneys and collection agencies. The Test Report may not be used or relied upon by Client if and for so long as Client fails to pay when due any invoice issued by the Company or any affiliate of it to Client or any affiliate or subsidiary of Client together with interest and penalties, if any, accrued thereon.
- 7. The Company disclaims any and all responsibility or liability arising out of or in connection with e-mail transmissions of such information.
- 8. Client understands and agrees that the Company is neither an insurer nor a guarantor, that the Company does not take the place of Client or any designer, manufacturer, agent, buyer, distributor or transportation or shipping company, and that the Company disclaims all liability in such capacities. Client further understands that if it seeks assurance against loss or damage, it should obtain appropriate insurance.
- 9. Client agrees that the Company, by providing the services, does not take the place of Client nor any third party, nor does the Company release them from any of their obligations, nor does the Company otherwise assume, abridge, abrogate or undertake to discharge any duty of any third party to Client or any duty of Client or any third party to any other third party, and Client will not release any third party from its obligations and duties with respect to the tested goods.
- 10. Client shall, on a timely basis, (a) provide adequate instructions to the Company in order to enable the Company to perform properly its services, (b) provide, or cause Client's suppliers and contractors to provide, the Company with all documents necessary to enable the Company to perform its services, (c) furnish the Company with all relevant information regarding Client's intended use and purposes of the tested goods, (d) advise the Company of essential dates and deadlines relevant to the tested goods and (e) fully exercise all rights and remedies available to Client against third parties in respect of the tested goods.
- 11. The Company shall undertake due care and ordinary skill in the performance of its services to Client, and the Company shall accept responsibility only were such skill has not been exercised and, even in such event, only to the extent of the limitation of liability set forth herein.
- 12. If Client desires to assert a claim arising from or relating to (i) the performance, purported performance or non-performance of any services by the Company or (ii) the sale, resale, manufacture, distribution or use of any tested goods, it must submit that claim to the Company in a writing that sets forth with particularity the basis for such claim within 60 days from discovery of the potential claim and not more than six months after the date of issuance of the Test Report to Client. Client waives any and all such claims including, without limitation, claims that the Test Report is inaccurate, incomplete or misleading or that additional or different testing is required, unless and then only to the extent that Client submits a written claim to the Company within both such time periods.
- 13. CLIENT SHALL, EXCEPT TO THE EXTENT OF COMPANY'S LIABILITY TO CLIENT HEREUNDER (WHICH IN NO EVENT SHALL EXCEED THE LIMITATION OF LIABILITY HEREIN), HOLD HARMLESS AND INDEMNIFY THE COMPANY, ITS AFFILIATES AND THEIR RESPECTIVE DIRECTORS, OFFICERS, EMPLOYEES, AGENTS AND SUBCONTRACTORS AGAINST ALL ACTUAL OR ALLEGED THIRD PARTY CLAIMS FOR LOSS, DAMAGE OR EXPENSE OF WHATSOEVER NATURE AND HOWSOEVER ARISING FROM OR RELATING TO (i) THE PERFORMANCE, PURPORTED PERFORMANCE OR NON-PERFORMANCE OF ANY SERVICES BY THE COMPANY OR (ii) THE SALE, RESALE, MANUFACTURE, DISTRIBUTION OR USE OF ANY TESTED GOODS.
- 14. EXCEPT AS MAY OTHERWISE BE EXPRESSLY AGREED TO IN WRITING BY THE COMPANY AND NOTWITHSTANDING ANY PROVISION TO THE CONTRARY CONTAINED HEREIN OR IN ANY TEST REPORT, NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, IS MADE.





15. (A) IN NO EVENT WHATSOEVER SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, EXEMPLARY OR PUNITIVE DAMAGES IN CONNECTION WITH, RELATING TO OR ARISING OUT OF THE TEST REPORT OR THE SERVICES PROVIDED BY THE COMPANY HEREUNDER, INCLUDING WITHOUT LIMITATION LOSS OF OR DAMAGE TO PROPERTY; LOSS OF INCOME, PROFIT OR USE; OR ANY CLAIMS OR DEMANDS MADE AGAINST CLIENT OR ANY OTHER PERSON BY ANY THIRD PARTY IN CONNECTION WITH, RELATING TO OR ARISING OUT OF THE SERVICES PROVIDED BY THE COMPANY HERELINDER

(B)NOTWITHSTANDING ANY PROVISION TO THE CONTRARY CONTAINED HEREIN, AND IN RECOGNITION OF THE RELATIVE RISKS AND BENEFITS TO CLIENT AND THE COMPANY ASSOCIATED WITH THE TESTING SERVICES CONTEMPLATED HEREBY, THE RISKS HAVE BEEN ALLOCATED SUCH THAT UNDER NO CIRCUMSTANCES WHATSOEVER SHALL THE LIABILITY OF THE COMPANY TO CLIENT OR ANY THIRD PARTY IN RESPECT OF ANY CLAIM FOR LOSS, DAMAGE OR EXPENSE, OF WHATSOEVER NATURE OR MAGNITUDE, AND HOWSOEVER ARISING, EXCEED AN AMOUNT EQUAL TO FIVE (5) TIMES THE AMOUNT OF THE FEES PAID TO THE COMPANY FOR THE SPECIFIC SERVICES WHICH GAVE RISE TO SUCH CLAIM OR U.S.\$10,000, WHICHEVER IS THE LESSER AMOUNT.

- 16. The Company shall not be liable for any loss or damage resulting from any delay or failure in performance of its obligations hereunder resulting directly or indirectly from any event of force majeure or any event outside the control of the Company. If any such event occurs, the Company may immediately cancel or suspend its performance hereunder without incurring any liability whatsoever to Client.
- 17. Company's services, including these Conditions, shall be governed by, and construed in accordance with, the local laws of the country where the Company performs the tests or, in the case of tests performed in the United States of America, the laws of Massachusetts without regard to conflicts of laws principles. If any aspect(s) of these Conditions is found to be illegal or unenforceable, the validity, legality and enforceability of all remaining aspects of these Conditions shall not in any way be affected or impaired thereby. Any proceeding related to the subject matter hereof shall be brought, if at all, in the courts of the country where the Company performs the tests or, in the case of tests performed in the United States of America, in the courts of Massachusetts. Client waives the right to interpose any counterclaim or setoffs of any nature in any litigation arising hereunder.

The complete list of the Approved Subcontractors Curtis-Straus may use to delegate the performance of work can be provided upon request. Rev.160009121(2)\_#684340 v14CS



