

FCC Radio TEST Report

FCC ID: XFV-CT008

This report concerns (check one) : Original Grant Class I Change

Issued Date : Jun. 15, 2009

Project No. : 0905C115

Equipment : Wireless CMOS Camera

Model Name : CT008

Applicant : Private Brand Tools Pty Ltd

Address: 41 Moreton Street, Heathwood, Queensland, 4110

Australia

Manufacturer: SHENZHEN AEE WIRELESS TECHNOLOGY

CO.,LTD

Address: 1/F.,Blog.B,Tsinghua Hi-Tech Park,Northern Hi-Tech

Industrial Park, Nanshan District, Shenzhen, P.R.C

Tested by:

Neutron Engineering Inc. EMC Laboratory

Date of Test:

May. 22, 2009 ~ Jun. 14, 2009

Testing Engineer

(Jeff Yang)

Technical Manager

(Vic Chiu)

Authorized Signatory

steven in

(Steven Lu)

NEUTRON ENGINEERING INC.

No. 132-1, Lane 329, Sec. 2, Palain Rd., Shijr City, Taipei, Taiwan TEL: (02) 2646-5426 FAX: (02) 2646-6815

NV (A)







Declaration

Neutron represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C.**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

Neutron's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **Neutron** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **Neutron** issued reports.

Neutron's reports must not be used by the client to claim product endorsement by the authorities or any agency of the Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and **Neutron-self**, extracts from the test report shall not be reproduced except in full with **Neutron**'s authorized written approval.

Neutron's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Report No.: NEI-FCCP-1-0905C115 Page 2 of 48

Table of Contents	Page
1 . CERTIFICATION	5
2 . SUMMARY OF TEST RESULTS	6
2.1 TEST FACILITY	7
2.2 MEASUREMENT UNCERTAINTY	7
3 . GENERAL INFORMATION	8
3.1 GENERAL DESCRIPTION OF EUT	8
3.2 DESCRIPTION OF TEST MODES	10
3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED) 11
3.4 DESCRIPTION OF SUPPORT UNITS	12
4 . EMC EMISSION TEST	13
4.1 CONDUCTED EMISSION MEASUREMENT	13
4.1.1 POWER LINE CONDUCTED EMISSION LIMITS	13
4.1.2 MEASUREMENT INSTRUMENTS LIST 4.1.3 TEST PROCEDURE	13 14
4.1.4 DEVIATION FROM TEST STANDARD	14
4.1.5 TEST SETUP	14
4.1.6 EUT OPERATING CONDITIONS	14
4.1.7 TEST RESULTS	15
4.2 RADIATED EMISSION MEASUREMENT 4.2.1 RADIATED EMISSION LIMITS	17 17
4.2.2 MEASUREMENT INSTRUMENTS LIST	17 18
4.2.3 TEST PROCEDURE	19
4.2.4 DEVIATION FROM TEST STANDARD	19
4.2.5 TEST SETUP	20
4.2.6 EUT OPERATING CONDITIONS 4.2.7 TEST RESULTS (BETWEEN 30 – 1000 MHz)	20 21
4.2.8 TEST RESULTS (ABOVE 1000 MHz)	23
4.2.9 TEST RESULTS (2400 – 2483.5 MHz)	35
4.2.10 TEST RESULTS (Restricted Bands Requirements)	36
5 . BANDWIDTH TEST	40
5.1 MEASUREMENT INSTRUMENTS LIST	40
5.2 TEST PROCEDURE 5.3 DEVIATION FROM STANDARD	40 40
5.4 TEST SETUP	40
5.5 EUT OPERATION CONDITIONS	40
5.6 TEST RESULTS	41

Report No.: NEI-FCCP-1-0905C115 Page 3 of 48



Table of Contents	Page
6 . ANTENNA CONDUCTED SPURIOUS EMISSION	43
6.1 APPLIED PROCEDURES / LIMIT	43
6.1.1 MEASUREMENT INSTRUMENTS LIST	43
6.1.2 TEST PROCEDURE	43
6.1.3 DEVIATION FROM STANDARD	43
6.1.4 TEST SETUP	43
6.1.5 EUT OPERATION CONDITIONS	44
6.1.6 TEST RESULTS	45
7 . EUT TEST PHOTO	47

Report No.: NEI-FCCP-1-0905C115 Page 4 of 48

1. CERTIFICATION

Equipment: Wireless CMOS Camera

Brand Name: PBT Model Name: CT008

Applicant: Private Brand Tools Pty Ltd

F a c t o r y: SHENZHEN AEE WIRELESS TECHNOLOGY CO.,LTD

A d d r e s s : 1/F.,Blog.B,Tsinghua Hi-Tech Park,Northern Hi-Tech Industrial Park,Nanshan

District, Shenzhen, P.R.C

Date of Test: May. 22, 2009 ~ Jun. 14, 2009 Test Item: ENGINEERING SAMPLE

Standards: FCC Part15, Subpart C(15.249)/ ANSI C63.4: 2003

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-1-0905C115) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Report No.: NEI-FCCP-1-0905C115 Page 5 of 48

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15, Subpart C (15.249)				
Standard Section	Test Item	Judgment	Remark	
15.207	Conducted Emission	PASS		
15.249	Radiated Spurious Emission	PASS		

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

Report No.: NEI-FCCP-1-0905C115 Page 6 of 48

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **C01/OS02** at the location of No.132-1, Lane 329, Sec. 2, Palain Road, Shijr City, Taipei, Taiwan.

Neutron's test firm number is 95335

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$, where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of $\mathbf{k=2}$, providing a level of confidence of approximately 95 % \circ

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
C01	ANSI	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)	NOTE
OS-01	ANSI	30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	Н	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	Н	3.94	
OS-02 ANSI		30MHz ~ 200MHz	V	2.48	
		30MHz ~ 200MHz	Н	2.16	
		200MHz ~ 1,000MHz	V	2.50	
		200MHz ~ 1,000MHz	Н	2.66	

Report No.: NEI-FCCP-1-0905C115 Page 7 of 48



3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless CMOS Camera			
Brand Name	PBT			
Model Name.	CT008			
OEM Brand/Model Name	N/A			
Model Difference	N/A			
Product Description	The EUT is a Wireless CMOS Camera. Product Type Low Power Communication Device Operation Frequency: 2414~2468 MHz Modulation Type: GFSK Number Of Channel 4CH Antenna Designation: Integral antenna Antenna Gain(Peak) 0 dBi Output Power: 82.70 dBuV/m (AV Max.) Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.			
Channel List	Please refer to the Note			
Power Source	DC Voltage supplied from AC/DC adapter & Li-ion battery #AC DC Adapter : Brand name: MOSO ;Model name:XKD-C2000IC5.0-12W #Li-ion battery Model name:961738A			
Power Rating	#AC/DC Adapter : I/P 100-240VAC~ 50/60Hz, 0.5A O/P 5.0V, 2.0A # Li-ion battery 3.7Vdc			
Connecting I/O Port(s)	Please refer to the Use	r's Manual		

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

Report No.: NEI-FCCP-1-0905C115 Page 8 of 48



2.

Neutron Engineering Inc.—————

Channel	Frequency (MHz)
1	2414
2	2432
3	2450
4	2468

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Integral Antenna	N/A	0

Report No.: NEI-FCCP-1-0905C115 Page 9 of 48

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	CH Lower - 2414MHz
Mode 2	CH Middle - 2432MHz
Mode 3	CH Highest -2468MHz
Mode 4	Normal Link

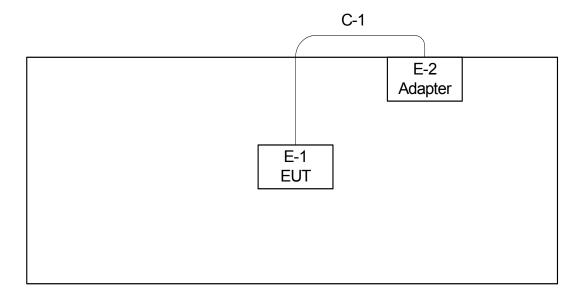
For Conducted Test		
Final Test Mode	Description	
Mode 4	Normal Link	

For Radiated Test			
Final Test Mode	Description		
Mode 1	CH Lower - 2414MHz		
Mode 2	CH Middle - 2432MHz		
Mode 3	CH Highest -2468MHz		

Report No.: NEI-FCCP-1-0905C115 Page 10 of 48



3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



C-1: Power Cable

Report No.: NEI-FCCP-1-0905C115 Page 11 of 48

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	Wireless CMOS Camera	PBT	CT008	XFV-CT008	N/A	EUT
E-2	Adapter	MOSO	XKD-C2000IC5.0-12W	DOC	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	YES	1.6M	

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in <code>"Length_"</code> column.

Report No.: NEI-FCCP-1-0905C115 Page 12 of 48

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION LIMITS (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
FREQUENCT (MITZ)	Quasi-peak	Average	Quasi-peak	Average	Statiualu
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	73.00	60.00	56.00	46.00	CISPR
5.0 -30.0	73.00	60.00	60.00	50.00	CISPR

0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00042991	Jan. 23, 2010
2	LISN	EMCO	3816/2	00042990	Jan. 23, 2010
3	Pulse Limiter	Electro-Metrics	EM-7600	112644	Nov. 26, 2009
4	50Ω Terminator	N/A	N/A	N/A	May.11, 2010
5	Test Cable	N/A	C01	N/A	Nov. 26, 2009
6	EMI Test Receiver	R&S	ESCI	100082	Mar. 06, 2010

Remark: "N/A" denotes No Model Name., Serial No. or No Calibration specified.

The following table is the setting of the receiver

Receiver Parameters	Setting	
Attenuation	10 dB	
Start Frequency	0.15 MHz	
Stop Frequency	30 MHz	
IF Bandwidth	9 kHz	

Report No.: NEI-FCCP-1-0905C115 Page 13 of 48

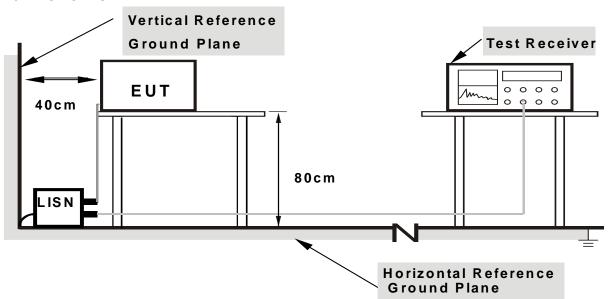
4.1.3 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

4.1.6 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

Report No.: NEI-FCCP-1-0905C115 Page 14 of 48

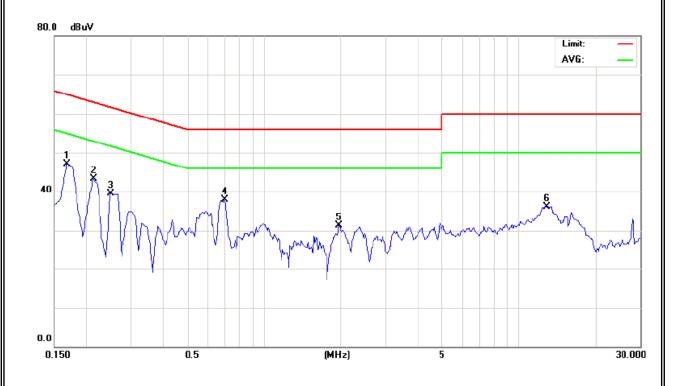
4.1.7 TEST RESULTS

EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	26 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	Normal Link		

Freq.	Terminal	Measured (dBuV)		Limits(dBuV)		Margin	Note
(MHz)	L/N	QP-Mode	AV-Mode	QP-Mode	AV-Mode	(dB)	Note
0.17	Line	47.18	*	65.06	55.06	-17.88	(QP)
0.21	Line	43.22	*	63.09	53.09	-19.87	(QP)
0.25	Line	39.44	*	61.79	51.79	-22.35	(QP)
0.70	Line	37.94	*	56.00	46.00	-18.06	(QP)
1.97	Line	31.37	*	56.00	46.00	-24.63	(QP)
12.89	Line	36.15	*	60.00	50.00	-23.85	(QP)

Remark

- (1) All readings are QP Mode value unless otherwise stated AVG in column of Note ... If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform on this case, a " * " marked in AVG Mode column of Interference Voltage Measured on the North AVG Mode column of Interference Voltage Measured on
- (2) Measuring frequency range from 150KHz to 30MHz.

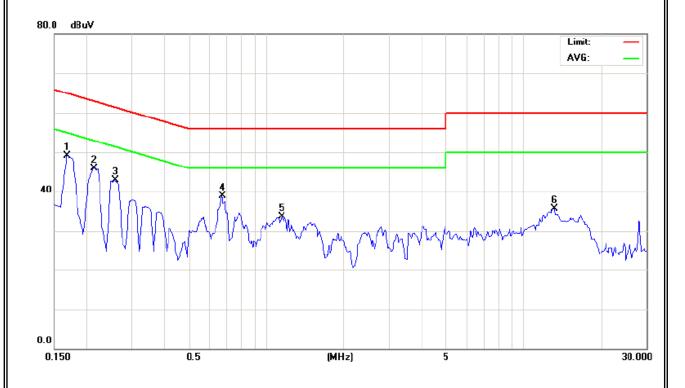


Report No.: NEI-FCCP-1-0905C115 Page 15 of 48

EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	26 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	Normal Link		

Freq.	Teminal	Measured (dBuV)		Limits(dBuV)		Margin	Note
(MHz)	L/N	QP-Mode	AV-Mode	QP-Mode	AV-Mode	(dB)	NOLE
0.17	Neutral	49.19	*	65.06	55.06	-15.87	(QP)
0.21	Neutral	45.97	*	63.09	53.09	-17.12	(QP)
0.26	Neutral	42.86	*	61.50	51.50	-18.64	(QP)
0.67	Neutral	38.92	*	56.00	46.00	-17.08	(QP)
1.15	Neutral	33.69	*	56.00	46.00	-22.31	(QP)
13.16	Neutral	35.71	*	60.00	50.00	-24.29	(QP)

- (1) All readings are QP Mode value unless otherwise stated AVG in column of Note ... If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform In this case, a " * " marked in AVG Mode column of Interference Voltage Measured •
- (2) Measuring frequency range from 150KHz to 30MHz.



Report No.: NEI-FCCP-1-0905C115 Page 16 of 48

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS (FCC 15.209)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Harmonic emissions limits comply with below 54 dBuV/m at 3m. Other emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or comply with the radiated emissions limits specified in section 15.209(a) limit in the table below has to be followed.

Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission level (dBuV/m)=20log Emission level (uV/m).

LIMITS OF RADIATED EMISSION MEASUREMENT (FCC 15.209)

FREQUENCY (MHz)	Class A (dBuV/m) (at 3m)		Class B (dBuV/m) (at 3m)	
PREQUENCT (WITZ)	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80	60	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

LIMITS OF RADIATED EMISSION MEASUREMENT (FCC Part 15.249)

FCC Part15 (15.249) , Subpart C			
Limit	Frequency Range (MHz)		
Field strength of fundamental 50000 μV/m (94 dBμV/m) @ 3 m	2400-2483.5		
Field strength of harmonics 500 μV/m (54 dBμV/m) @ 3 m	Above 2483.5		

Report No.: NEI-FCCP-1-0905C115 Page 17 of 48



4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB 9160	3058	Nov. 26, 2009
2	Test Cable	N/A	10M_OS02	N/A	Nov. 26, 2009
3	Test Cable	N/A	OS02-1/-2/-3	N/A	Nov. 26, 2009
4	Pre-Amplifier	Anritsu	MH648A	M09961	Nov. 26, 2009
5	EMI Test Receiver	R&S	ESCI	100082	Jan. 29, 2010
6	Antenna Mast	Chance Most	CMTB-1.5	N/A	N/A
7	Turn Table	Chance Most	CMTB-1.5	N/A	N/A
8	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 06, 2010
9	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-325	Oct. 23, 2009
10	Horn Antenna	Schwarzbeck	BBHA9170	9170187	Oct. 23, 2009
11	Microwave Pre_amplifier	Agilent	8449B	3008A01714	Mar. 08, 2010
12	Microflex Cable	United Microwave	57793	1m	Mar. 08, 2010
13	Microflex Cable	United Microwave	A30A30-5006	10M	Jul. 06, 2009

Remark: "N/A" denotes No Model Name. / Serial No. and No Calibration specified.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	3MHz / 3MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

Report No.: NEI-FCCP-1-0905C115 Page 18 of 48



4.2.3 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

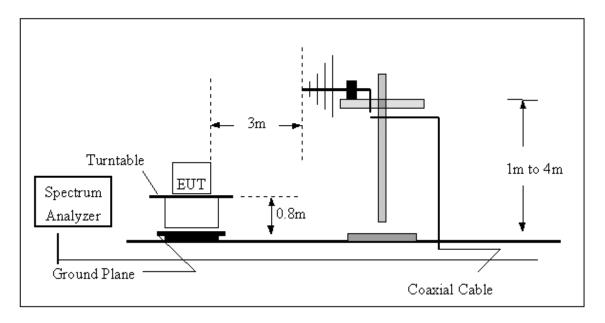
4.2.4 DEVIATION FROM TEST STANDARD)
No deviation	

Report No.: NEI-FCCP-1-0905C115 Page 19 of 48

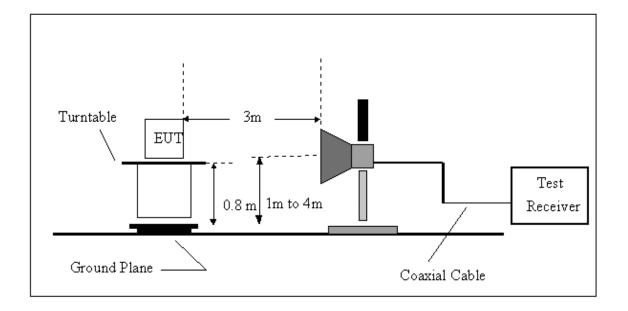


4.2.5 TEST SETUP

(A) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

Report No.: NEI-FCCP-1-0905C115 Page 20 of 48

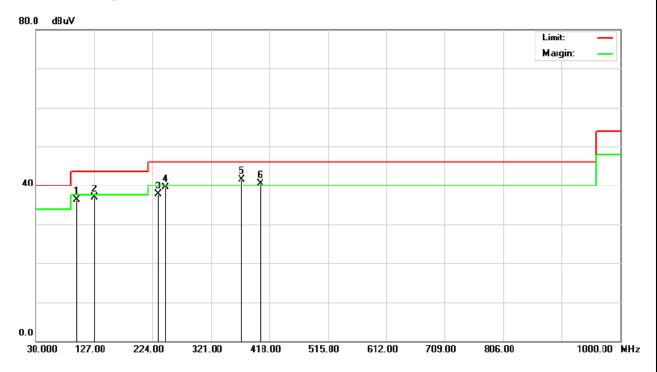
4.2.7 TEST RESULTS (BETWEEN 30 – 1000 MHz)

EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	27 ℃	Relative Humidity:	67 %
Pressure:	1010hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX 2468MHz		

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	H/V	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	NOIC
97.90	V	56.08	-19.78	36.30	43.50	- 7.20	
127.36	V	57.72	-20.90	36.82	43.50	- 6.68	
232.74	V	53.79	-16.17	37.62	46.00	- 8.38	
245.34	V	55.24	-15.66	39.58	46.00	- 6.42	
370.48	V	52.87	-11.28	41.59	46.00	- 4.41	
403.45	V	51.10	-10.60	40.50	46.00	- 5.50	

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of \lceil Note $_{
 m l}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{
 m o}$
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency \circ "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency.
- (3) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.



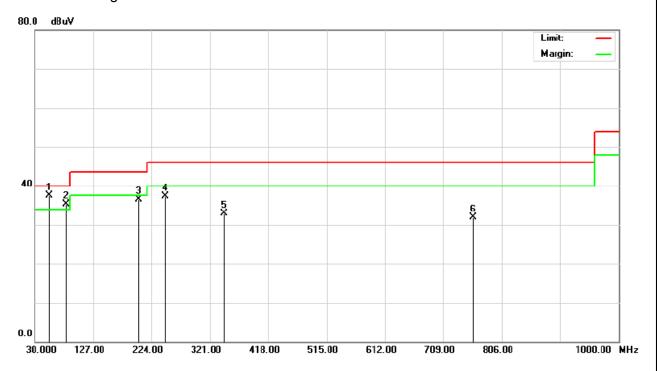
Report No.: NEI-FCCP-1-0905C115 Page 21 of 48



EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	27 ℃	Relative Humidity:	67 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX 2468MHz		

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	H/V	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	NOLE
53.28	Н	58.19	-20.61	37.58	40.00	- 2.42	
82.38	Ι	56.33	-21.07	35.26	40.00	- 4.74	
202.66	Η	54.28	-17.83	36.45	43.50	- 7.05	
245.36	Н	52.92	-15.66	37.26	46.00	- 8.74	
344.28	Η	44.98	-12.11	32.87	46.00	- 13.13	
758.47	Η	35.12	-3.22	31.90	46.00	- 14.10	

- (1) All readings are Peak unless otherwise stated QP in column of ${}^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency of "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency.
- (3) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.



Report No.: NEI-FCCP-1-0905C115 Page 22 of 48

4.2.8 TEST RESULTS (ABOVE 1000 MHz)

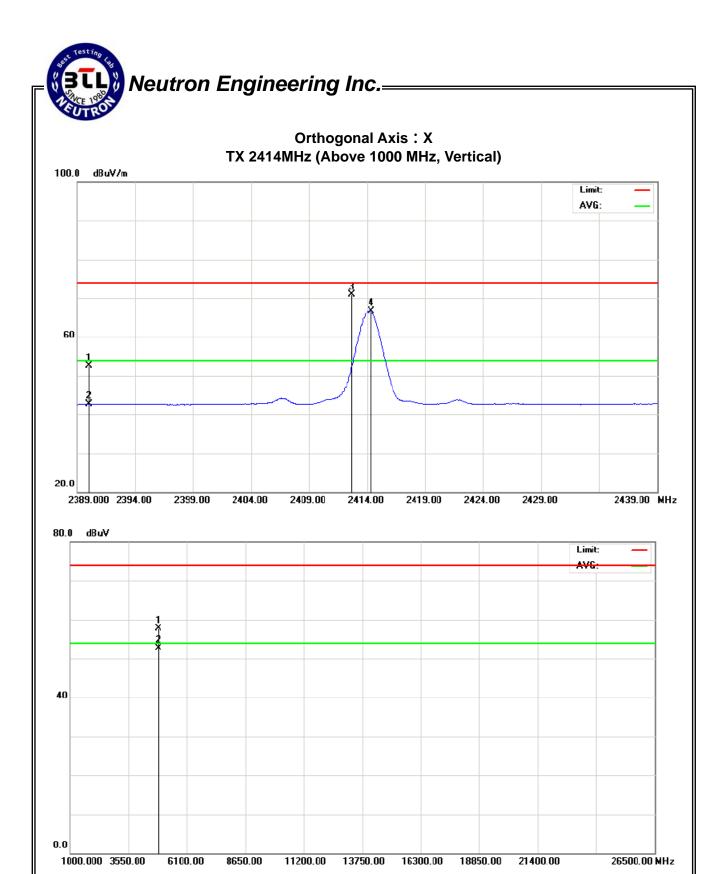
EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	24 ℃	Relative Humidity:	56 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX 2414MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	20.18	10.36	32.32	52.50	42.68	74.00	54.00	X/E
2412.70	V	38.42	34.34	32.40	70.81	66.74	114.00	94.00	X/F
4828.58	V	53.12	48.16	4.53	57.65	52.69	74.00	54.00	X/H

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of \lceil Note $_{
 m J}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{
 m O}$
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

Report No.: NEI-FCCP-1-0905C115 Page 23 of 48

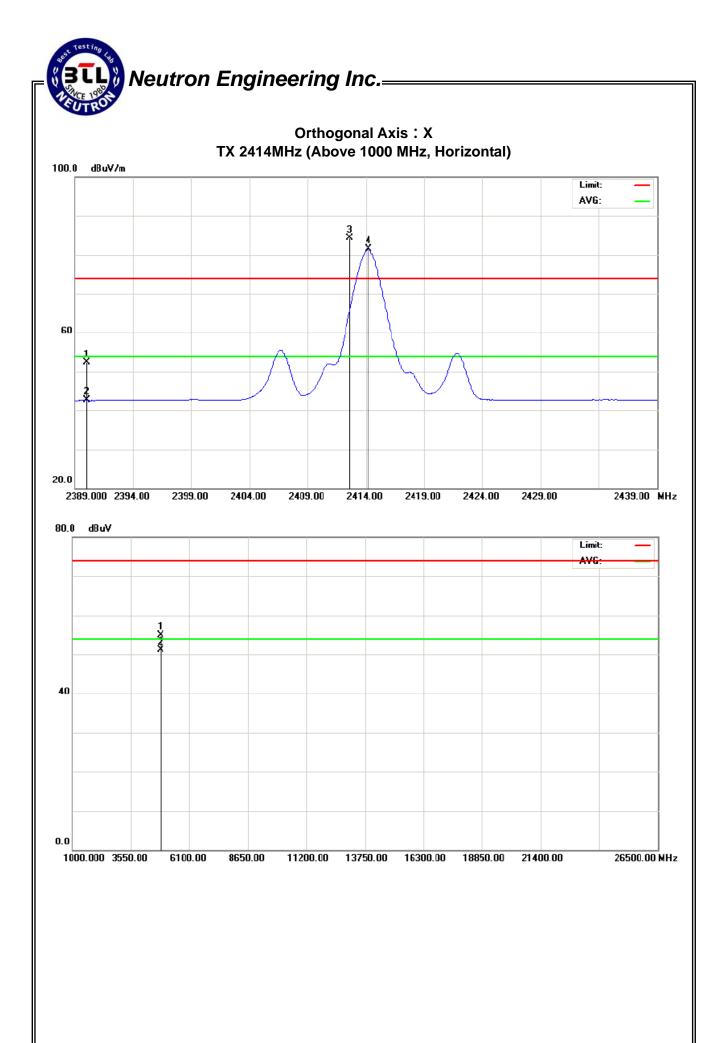


EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	24 ℃	Relative Humidity:	56 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX 2414MHz		

	Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
			Peak	AV		Peak	AV	Peak	AV	Note
	(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
	2390.00	Н	19.89	10.31	32.32	52.21	42.63	74.00	54.00	X/E
:	2412.60	Н	51.93	49.09	32.40	84.32	81.49	114.00	94.00	X/F
4	4828.58	Н	50.46	46.50	4.53	54.99	51.03	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of \lceil Note $_{
 m l}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{
 m o}$
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency of F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ∘
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

Report No.: NEI-FCCP-1-0905C115 Page 25 of 48

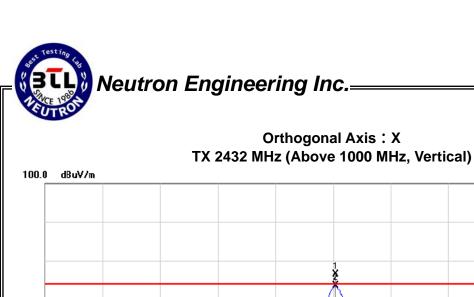


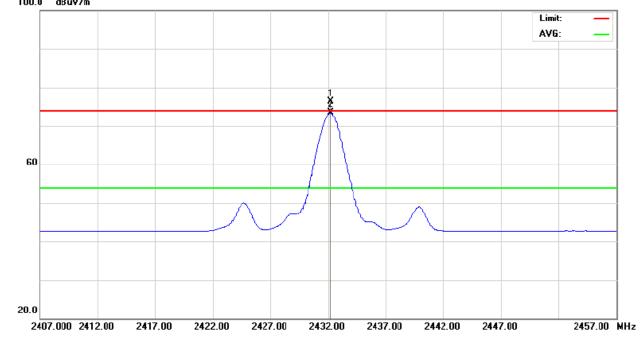
EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	24 ℃	Relative Humidity:	56 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX 2432MHz		

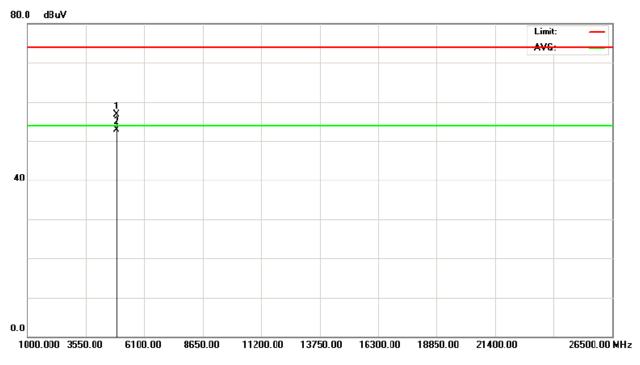
Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Lir		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2432.20	V	43.88	41.05	32.46	76.34	73.51	114.00	94.00	X/F
4864.45	V	52.05	48.35	4.64	56.69	52.99	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of \lceil Note $_{
 m J}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{
 m O}$
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

Report No.: NEI-FCCP-1-0905C115 Page 27 of 48





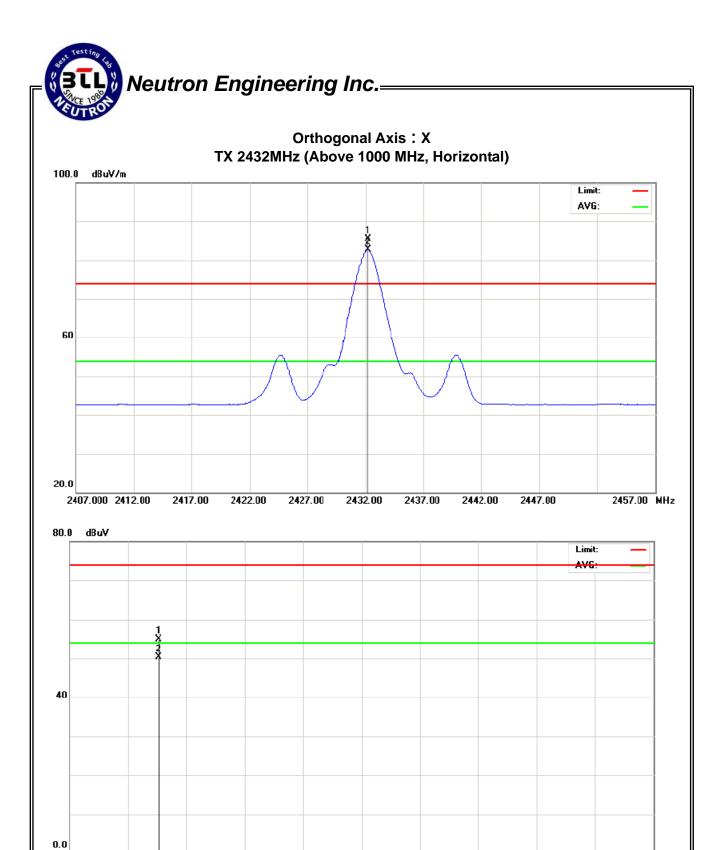


EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	24 ℃	Relative Humidity:	56 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX 2432MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Lir		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2432.25	Н	52.99	50.24	32.46	85.45	82.70	114.00	94.00	X/F
4864.45	Н	50.21	45.65	4.64	54.85	50.29	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of \lceil Note $_{
 m J}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{
 m O}$
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

Report No.: NEI-FCCP-1-0905C115 Page 29 of 48



13750.00

18850.00

16300.00

21400.00

26500.00 MHz

1000.000 3550.00

6100.00

8650.00

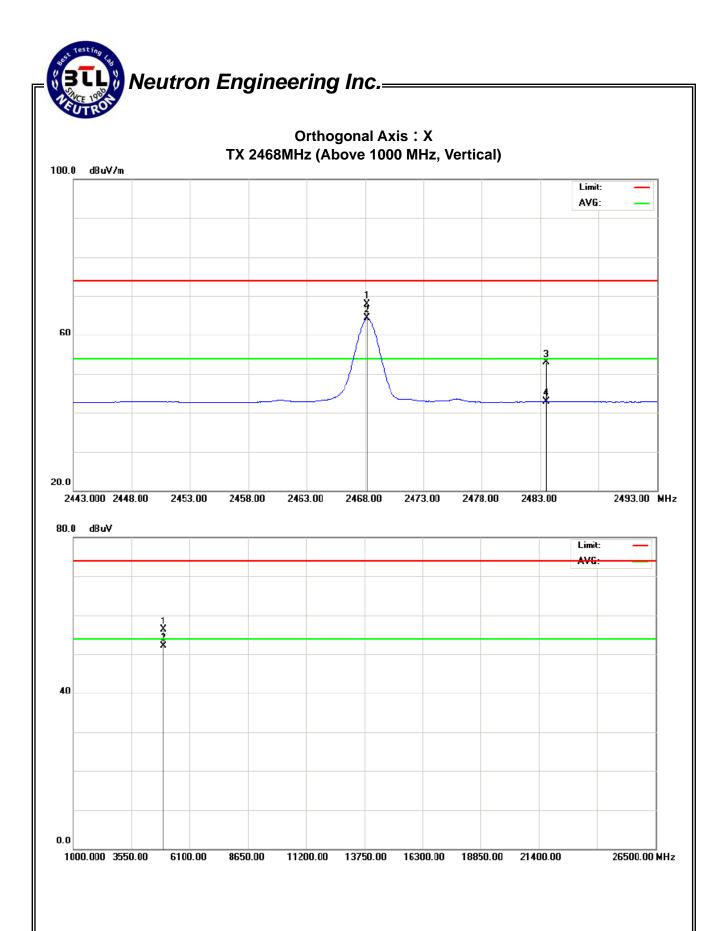
11200.00

EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	24 °C	Relative Humidity:	56 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX 2468MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Lir		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2468.15	٧	35.39	31.80	32.58	67.97	64.38	114.00	94.00	X/F
2483.50	V	20.25	10.25	32.63	52.88	42.88	74.00	54.00	X/E
4936.34	V	51.41	47.18	4.88	56.29	52.06	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of \lceil Note $_{
 m J}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{
 m O}$
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission •
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

Report No.: NEI-FCCP-1-0905C115 Page 31 of 48



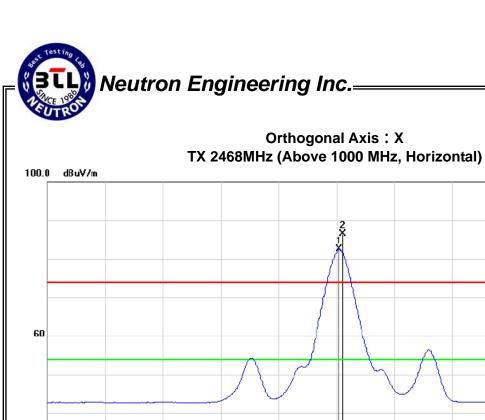


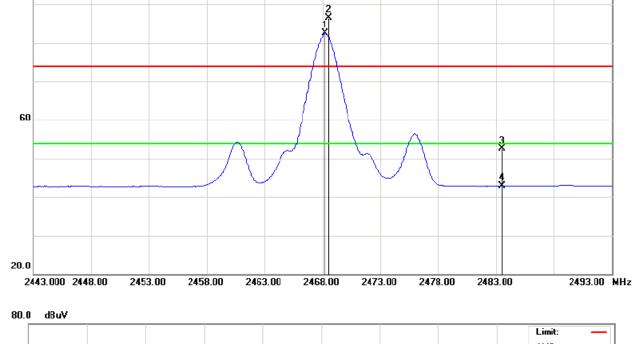
EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	24 ℃	Relative Humidity:	56 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX 2468MHz		

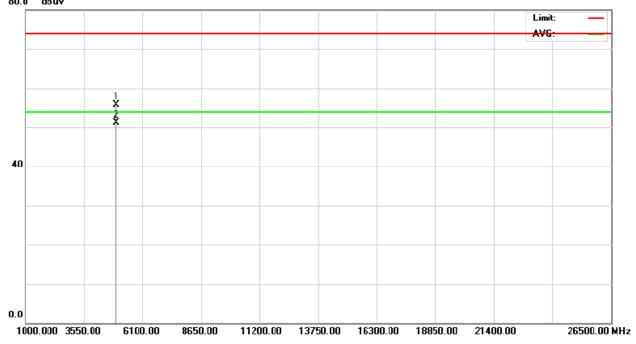
Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2468.25	Н	53.84	49.93	32.58	86.42	82.51	114.00	94.00	X/F
2483.50	Н	19.83	10.26	32.63	52.46	42.89	74.00	54.00	X/E
4936.34	Н	50.83	46.15	4.88	55.71	51.03	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of ${}^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

Report No.: NEI-FCCP-1-0905C115 Page 33 of 48







Limit: AVG:

4.2.9 TEST RESULTS (2400 – 2483.5 MHz)

EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	24 ℃	Relative Humidity:	56 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX CH 2414MHz/2432MHz/246	68MHz	

		Peak	AV		Peak	AV	Peak	AV	
Freq.	Ant.Pol.	Read	Reading		Actua	al FS	Limit3m		
(MHz)	(H/V)	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	NOTE
24 14 .32	V	38.42	34.34	32.40	70.81	66.74	114.00	94.00	CH01
24 14 .20	Н	51.93	49.09	32.40	84.32	81.49	114.00	94.00	CH01
2432.20	V	43.88	41.05	32.46	76.34	73.51	114.00	94.00	CH02
2432.25	Н	52.99	50.24	32.46	85.45	82.70	114.00	94.00	CH02
2468.15	V	35.39	31.80	32.58	67.97	64.38	114.00	94.00	CH04
2468.25	Н	53.84	49.93	32.58	86.42	82.51	114.00	94.00	CH04

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of ${}^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ∘
- (3) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (4) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (5) Spectrum Setting: RBW= 100KHz, VBW=100KHz, Sweep time = 2.5 ms of Bandwidth test, test results see 5.6 (Page 41~42)
- (6) Reading in which marked as Peak or AVG means measurements by using are Peak Mode or AVG with Detector BW=1MHz; SPA setting in RBW=3MHz, VBW =3MHz, Swp. Time = 0.3 sec./MHz, AVG Mode with detector BW=1MHz; SPA setting in RBW=3MHz, VBW =10Hz, Swp. Time = 0.3 sec./MHz •

Report No.: NEI-FCCP-1-0905C115 Page 35 of 48

4.2.10 TEST RESULTS (Restricted Bands Requirements)

			i						
EUT:	Wireless CMOS Camera	Model Name. :	CT008						
Temperature:	24 ℃	Relative Humidity:	56 %						
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz						
Test Mode :	TX CH 2414MHz/2468MHz(Vertical)								
Note:	 The emission of the carrier rad AV) as following: 1. The transmitter was then conto transmit at the lowest chameasured at 2310-2390 MH 2. The transmitter was configurationsmit at the highest chammeasured at 2483.5-2500 MH 	nfigured with the wor nnel (CH01). Then th z. red with the worst can nel (CH04). Then the	st case antenna and setup ne field strength was se antenna and setup to						

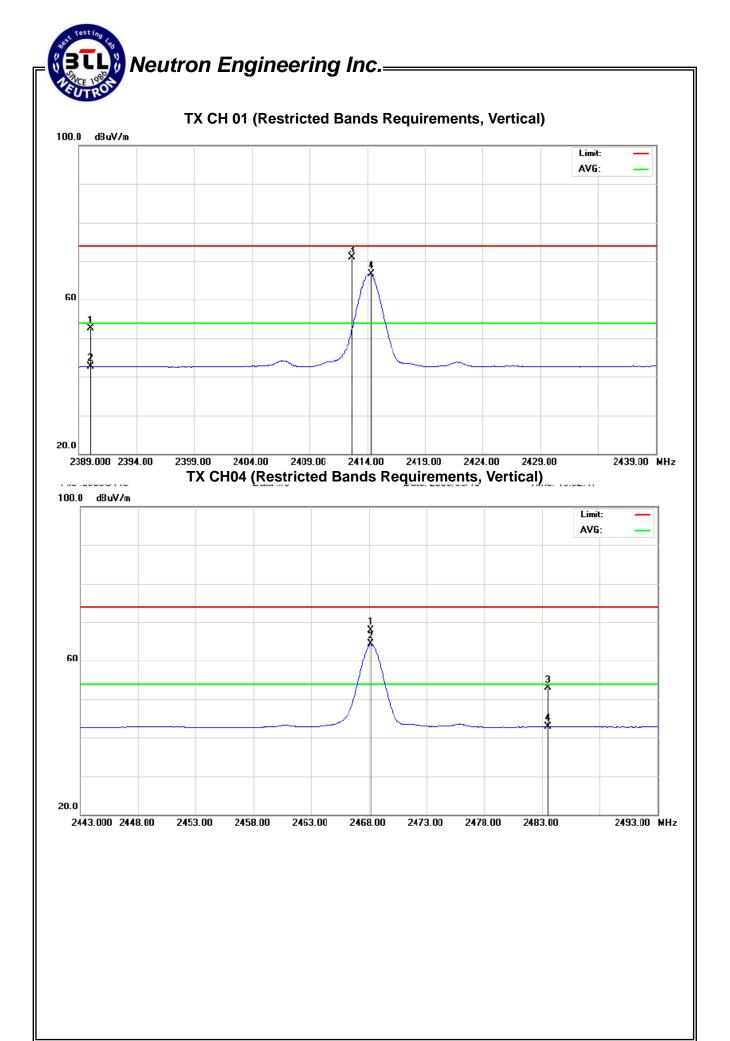
Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Lir		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	20.18	10.36	32.32	52.50	42.68	74.00	54.00	CH01
2483.50	V	20.25	10.25	32.63	52.88	42.88	74.00	54.00	CH04

Remark:

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (2) EUT Orthogonal Axis:

"X" - denotes Laid on Table; "Y" - denotes Vertical Stand; "Z" - denotes Side Stand

Report No.: NEI-FCCP-1-0905C115 Page 36 of 48



EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature :	24 °C	Relative Humidity:	56 %
Pressure:	1010 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX CH 2414MHz/2468MHz (Ho	orizontal)	
Note:	 The emission of the carrier radial AV) as following: 1. The transmitter was then conto transmit at the lowest charmeasured at 2310-2390 MH; 2. The transmitter was configurationsmit at the highest charmeasured at 2483.5-2500 M 	nfigured with the wor nnel (CH01). Then th z. red with the worst can nel (CH04). Then the	st case antenna and setup ne field strength was se antenna and setup to

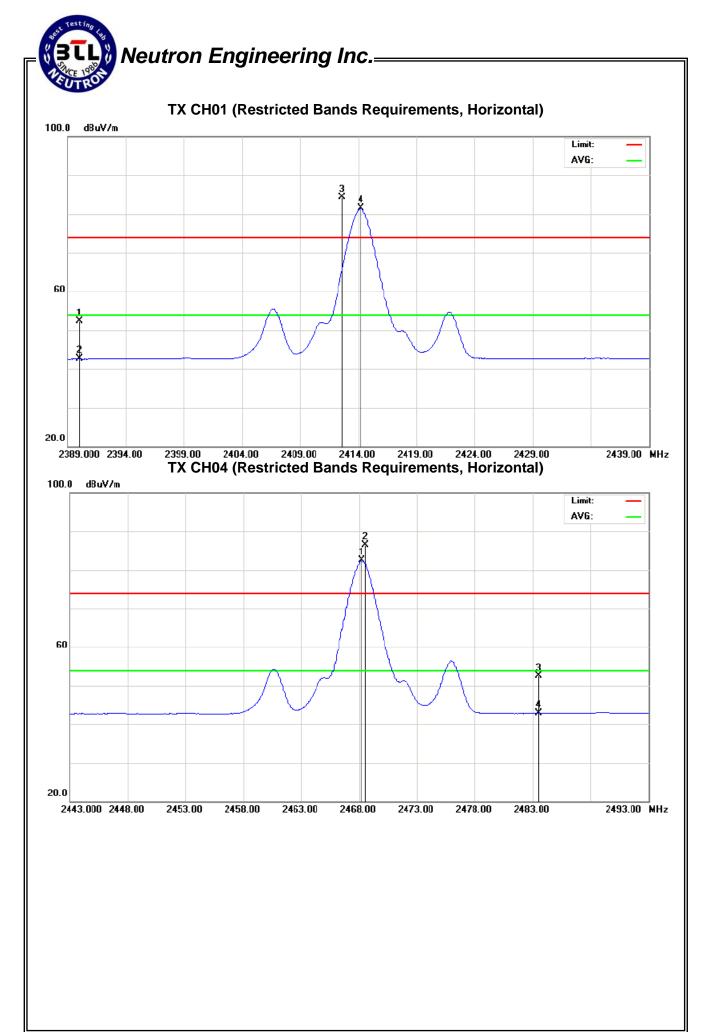
Freq.	Ant.Pol.	Rea	ding	Ant./CF	Α	ct.	Lir	mit	
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	Н	19.89	10.31	32.32	52.21	42.63	74.00	54.00	CH01
2483.50	Н	19.83	10.26	32.63	52.46	42.89	74.00	54.00	CH04

Remark:

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (2) EUT Orthogonal Axis:

"X" - denotes Laid on Table; "Y" - denotes Vertical Stand; "Z" - denotes Side Stand

Report No.: NEI-FCCP-1-0905C115 Page 38 of 48



5. BANDWIDTH TEST

5.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 06, 2010

Remark: "N/A" denotes No Model Name., Serial No. or No Calibration specified.

5.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=100KHz, Sweep time = 2.5 ms.

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP

EUT	SPECTRUM
	ANALYZER

5.5 EUT OPERATION CONDITIONS

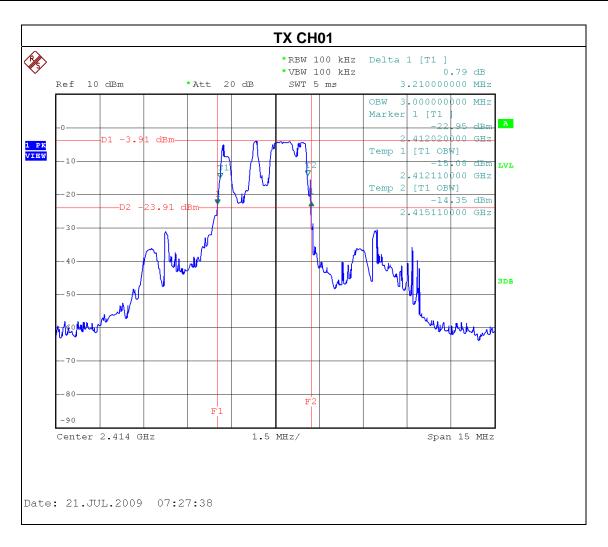
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

Report No.: NEI-FCCP-1-0905C115 Page 40 of 48

5.6 TEST RESULTS

EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	25 ℃	Relative Humidity:	60 %
Pressure:	1020 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX CH 01/02/04		

Test Channel	Frequency (MHz)	20 dBc Bandwidth (MHz)	99% occupied Bandwidth(MHz)
CH01	2414	3.21	3.00
CH02	2432	3.15	2.82
CH04	2468	3.48	3.18



Report No.: NEI-FCCP-1-0905C115 Page 41 of 48

Neutron Engineering Inc. TX CH02 *RBW 100 kHz Delta 1 [T1] * VBW 100 kHz -0.76 dB Ref 10 dBm *Att 20 dB SWT 5 ms 3.150000000 MHz OBW 2.820000000 MHz Marker 1 [T1 2.430170000 GHz 1 PK VIEW Temp 1 [T1 OBW] -13.36 dBm 2.430320000 GHz Temp 2 [T1 OBW] -14.54 dBm 2.433140000 GHz 3DB Center 2.432 GHz Date: 21.JUL.2009 07:23:17 TX CH04 *RBW 100 kHz Delta 1 [T1] -1.67 dB *VBW 100 kHz Ref 10 dBm *Att 20 dB SWT 5 ms 3.480000000 MHz 3.180000000 MHz Marker 1 [T1] 465930000 GHz D1 -3.71 dBm-1 PK VIEW Temp 1 [T1 OBW] 2.466050000 GHz [T1 OBW] -16<mark>.</mark>19 dBm 23**.**71 d 469230000 GHz Center 2.468 GHz Span 15 MHz Date: 21.JUL.2009 07:09:11

6. ANTENNA CONDUCTED SPURIOUS EMISSION

6.1 APPLIED PROCEDURES / LIMIT

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

6.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
8	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 06, 2010

Remark: "N/A" denotes No Model Name., Serial No. or No Calibration specified.

The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RB / VB (emission in restricted band)	3MHz / 3MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (other emission)	100 KHz /100 KHz for Peak

6.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms.

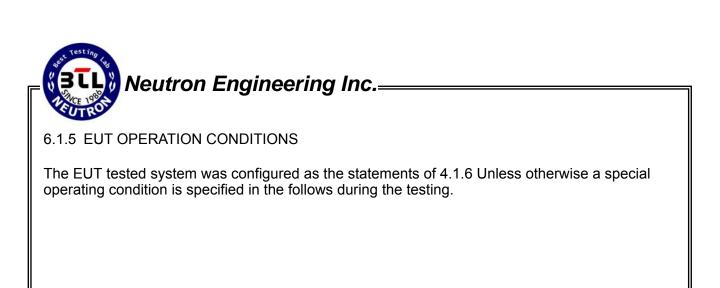
6.1.3 DEVIATION FROM STANDARD

No deviation.

6.1.4 TEST SETUP

EUT	SPECTRUM
	ANALYZER

Report No.: NEI-FCCP-1-0905C115 Page 43 of 48



Report No.: NEI-FCCP-1-0905C115 Page 44 of 48

6.1.6 TEST RESULTS

EUT:	Wireless CMOS Camera	Model Name. :	CT008
Temperature:	25 ℃	Relative Humidity:	60 %
Pressure:	1020 hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX CH01, CH04		

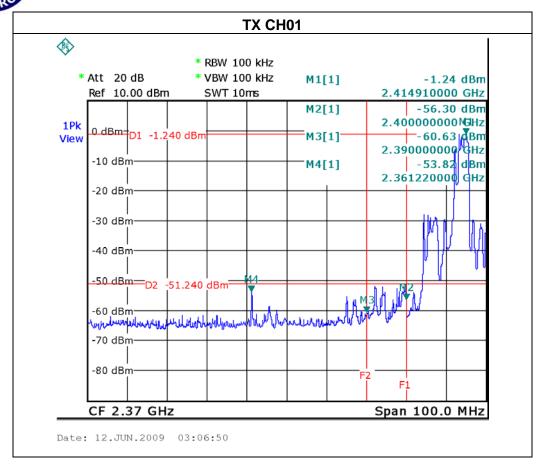
Channel of Worst Data: CH01						
•	cy power in any 100kHz the frequency band	The max. radio frequence bandwidth within the	, ,			
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)			
2361.22	-53.82	2488.05	-54.48			
		14				

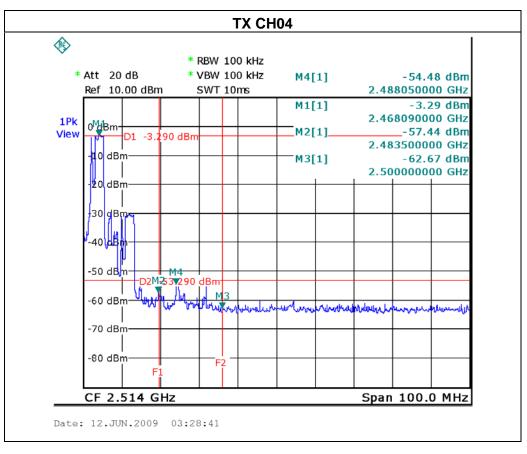
Result

In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 50dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

Report No.: NEI-FCCP-1-0905C115 Page 45 of 48

Neutron Engineering Inc.







7. EUT TEST PHOTO

Conducted Measurement Photos





Report No.: NEI-FCCP-1-0905C115 Page 47 of 48



Radiated Measurement Photos





Report No.: NEI-FCCP-1-0905C115 Page 48 of 48