



FCC TEST REPORT

REPORT NO.: RF920712R03

MODEL NO.: TBM-18, TCM-30, TJM-275

RECEIVED: July 12, 2003

TESTED: Sept. 03 ~ Sept. 30, 2003

APPLICANT: Falcom Machine Tools Co., Ltd

ADDRESS: No. 264, Shing Kong Rad, He Mei, Chang Hua,
Taiwan, 508 R.O.C.

ISSUED BY: Advance Data Technology Corporation

LAB LOCATION: 47 14th Lin, Chiapau Tsun, Linko, Taipei,
Taiwan, R.O.C.

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0528
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Lab Code: 200102-0



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1 CERTIFICATION

PRODUCT : Wireless Video Camera
MODEL NO.: TBM-18, TCM-30, TJM-275
BRAND: CHEVALIER
APPLICANT : Falcom Machine Tools Co., Ltd
TEST ITEM: ENGINEERING SAMPLE
STANDARDS : 47 CFR Part 15, Subpart C (Section 15.249),
ANSI C63.4-1992

We, **Advance Data Technology Corporation**, hereby certify that four samples of the designation have been tested in our facility from Sept. 03 to Sept. 30, 2003. The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions herein specified.

PREPARED BY: Windy Chou., **DATE:** Oct. 02, 2003
Windy Chou

APPROVED BY: Alan Lane, JVP, **DATE:** Oct. 02, 2003

2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: 47 CFR Part 15, Subpart C			
STANDARD PARAGRAPH	TEST TYPE	RESULT	REMARK
15.207	Conducted Emission Test	PASS	Minimum passing margin is -22.38dB at 0.505MHz
15.209 15.249	Radiated Emission Test	PASS	Minimum passing margin is -0.10dB at 4820.00MHz
15.249	Band Edge Measurement Limit: 20 dB less than the peak value of fundamental frequency	PASS	Meet the requirement of limit

NOTE1: The receiver part to communicate with the EUT has been verified to comply with FCC Part 15, Subpart B, Class B (DoC). The test report can be provided upon request.

NOTE2: The information of measurement uncertainty is available upon the customer's request.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Wireless Video Camera
MODEL NO.	TBM-18, TCM-30, TJM-275
BRAND	CHEVALIER
POWER SUPPLY	9VDC from power adapter
MODULATION TYPE	FM
CARRIER FREQUENCY OF EACH CHANNEL	2410, 2430, 2450, 2470MHz
SPACING CHANNEL	18MHz
NUMBER OF CHANNEL	4
ANTENNA TYPE	Printed antenna
DATA CABLE	1.8m (Nonshielded)
I/O PORTS	AV

NOTE:

1. The EUT include Transmitter part and Receiver part. The model no.: TBM-18, TCM-30 and TJM-275 are Tx of 2.4GHz FM modulation product. The model no.: VSB8RX is Rx of 2.4GHz FM modulation product.
2. These models are only different in the out appearance. The model TBM-18 is installed in a toy bear, the model TCM-30 is installed in a clock and the model TJM-275 is installed in a music box.
3. Receiver part of model VSB8RX has been presented in DoC report.
4. The EUT was operated with following power adapter:

Brand :	DVE
Model:	DV-9300S
Input:	120VAC 60Hz
Output:	9VDC 0.3A

5. The model TBM-18 has two ways of powered supply, one is adapter and the other is battery.
6. For more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 DESCRIPTION OF TEST MODES

Four channels are provided in the EUT

Channel	Frequency	Channel	Frequency
1	2410 MHz	2	2430 MHz
3	2450 MHz	4	2470 MHz

NOTE:

1. Below 1000MHz, the channel1, 1, 3, 4 were pre-tested in chamber. Channel 4, the worst case, were chosen for final test.
2. Above 1000MHz, the channel 1, 3, 4 were tested individually.
3. There are three test results presented in the following sections. The test results (A) is for model no.: TBM-18, the test results (B) is for model no.: TCM-30, the test results (C) is for model no.: TJM-275.

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a Wireless Video Camera. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 15, Subpart C. (15.249)
ANSI C63.4: 1992

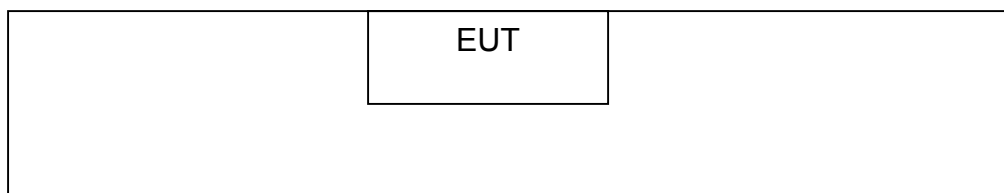
All test items have been performed and recorded as per the above standards.



3.4 DESCRIPTION OF SUPPORT UNITS

NA

3.5 CONFIGURATION OF SYSTEM UNDER TEST



4. TEST TYPES AND RESULTS

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

- NOTE:**
1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.
 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

4.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
ROHDE & SCHWARZ Test Receiver	ESCS 30	838251/021	Jan. 20, 2004
ROHDE & SCHWARZ Artificial Mains Network (for EUT)	ESH3-Z5	100218	Dec. 18, 2003
ROHDE & SCHWARZ Artificial Mains Network (for peripherals)	ESH3-Z5	100219	Dec. 18, 2003
ROHDE & SCHWARZ Artificial Mains Network (for peripherals)	ESH3-Z5	100220	Dec. 18, 2003
ROHDE & SCHWARZ 4-wire ISN	ENY41	837032/016	Nov. 29 2003
ROHDE & SCHWARZ 2-wire ISN	ENY22	837497/016	Nov. 29 2003
Software	Cond-V2M3	NA	NA
RF cable (JYEBAO)	5D-FB	Cable-C10.01	May 01, 2004
SUHNTER Terminator (For ROHDE & SCHWARZ LISN)	65BNC-5001	E1-010770	Mar. 24, 2004
SUHNTER Terminator (For ROHDE & SCHWARZ LISN)	65BNC-5001	E1-010773	Apr. 06, 2004

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. “*”: These equipment are used for conducted telecom port test only (if tested).
 3. The test was performed in ADT Shielded Room No. 10.
 4. The VCCI Site Registration No. is C-1312.



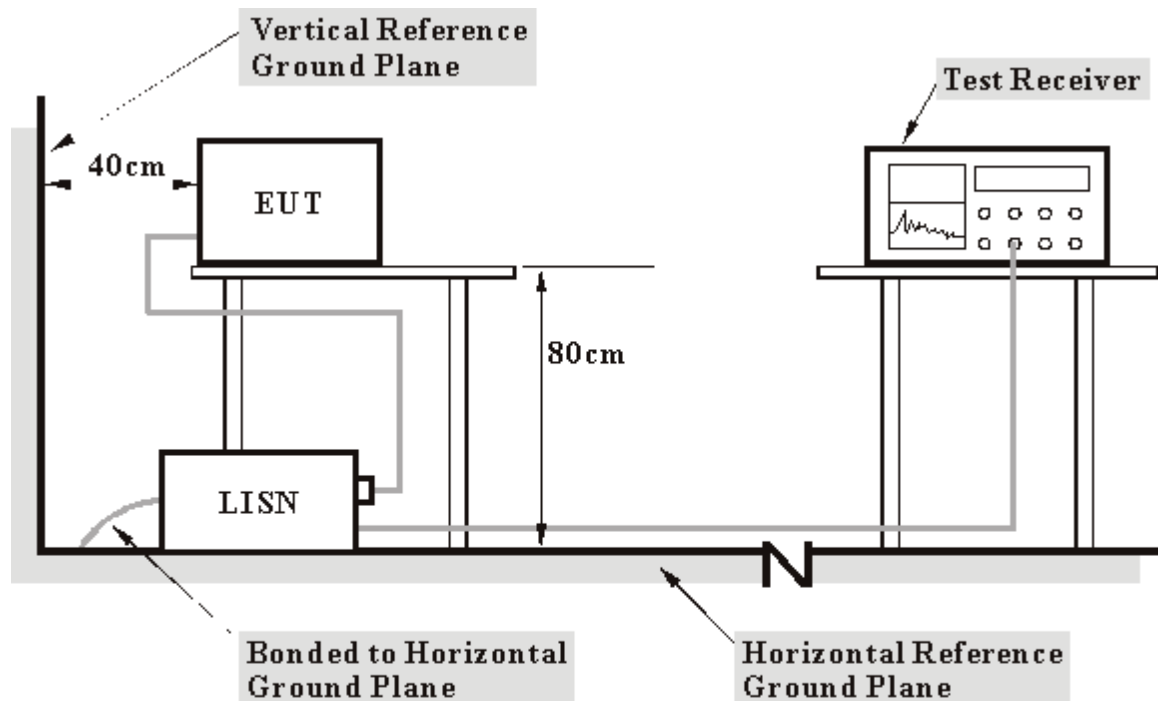
4.1.3 TEST PROCEDURES

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels over 10dB under the prescribed limits could not be reported.

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) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.1.6 EUT OPERATING CONDITIONS

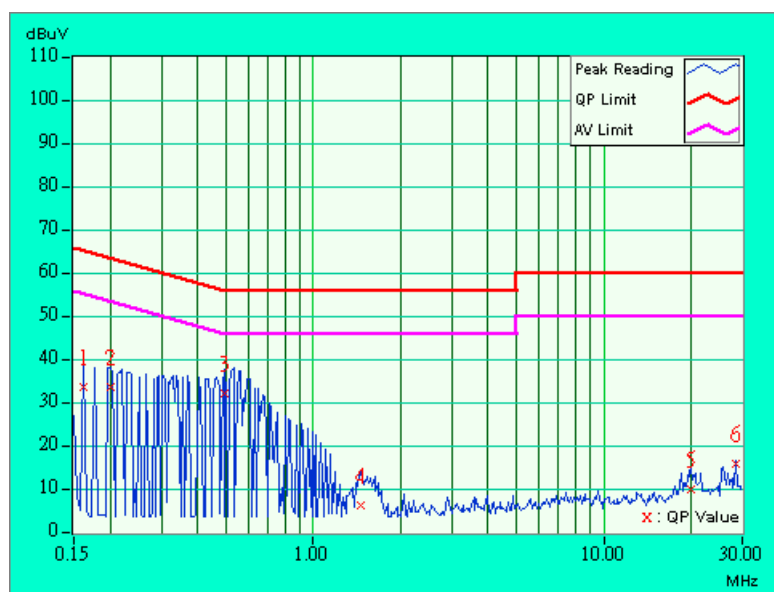
Set the EUT under transmission condition continuously at specific channel frequency.

4.1.7 TEST RESULTS (A)

EUT	Wireless Video Camera	MODEL	TBM-18
MODE	Channel 1	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.162	0.06	32.94	-	33.00	-	65.38	55.38	-32.38	-
2	0.201	0.06	32.74	-	32.80	-	63.58	53.58	-30.78	-
3	0.494	0.08	31.26	-	31.34	-	56.10	46.10	-24.77	-
4	1.449	0.17	5.59	-	5.76	-	56.00	46.00	-50.24	-
5	19.934	0.64	9.19	-	9.83	-	60.00	50.00	-50.17	-
6	28.637	0.89	15.05	-	15.94	-	60.00	50.00	-44.06	-

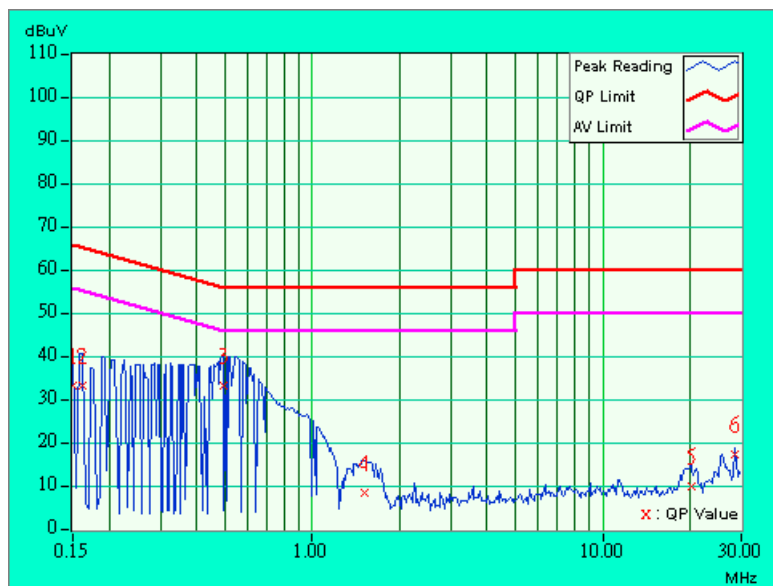
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TBM-18
MODE	Channel 1	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.05	32.75	-	32.80	-	66.00	56.00	-33.20	-
2	0.162	0.05	32.70	-	32.75	-	65.38	55.38	-32.63	-
3	0.494	0.07	32.68	-	32.75	-	56.10	46.10	-23.36	-
4	1.508	0.17	7.80	-	7.97	-	56.00	46.00	-48.03	-
5	20.113	0.51	9.46	-	9.97	-	60.00	50.00	-50.03	-
6	28.637	0.72	16.70	-	17.42	-	60.00	50.00	-42.58	-

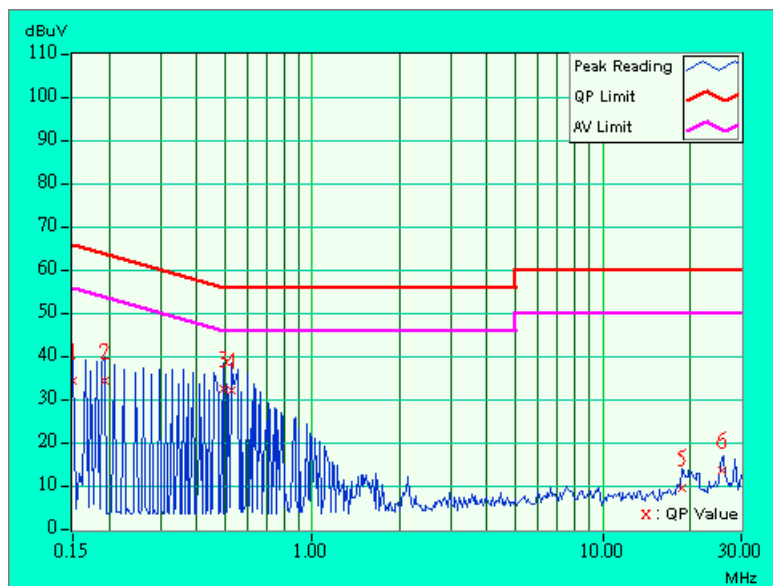
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TBM-18
MODE	Channel 3	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.05	33.52	-	33.57	-	66.00	56.00	-32.43	-
2	0.193	0.06	33.41	-	33.47	-	63.91	53.91	-30.44	-
3	0.494	0.08	31.79	-	31.87	-	56.10	46.10	-24.24	-
4	0.529	0.08	31.45	-	31.53	-	56.00	46.00	-24.47	-
5	18.789	0.62	8.65	-	9.27	-	60.00	50.00	-50.73	-
6	25.875	0.89	12.79	-	13.68	-	60.00	50.00	-46.32	-

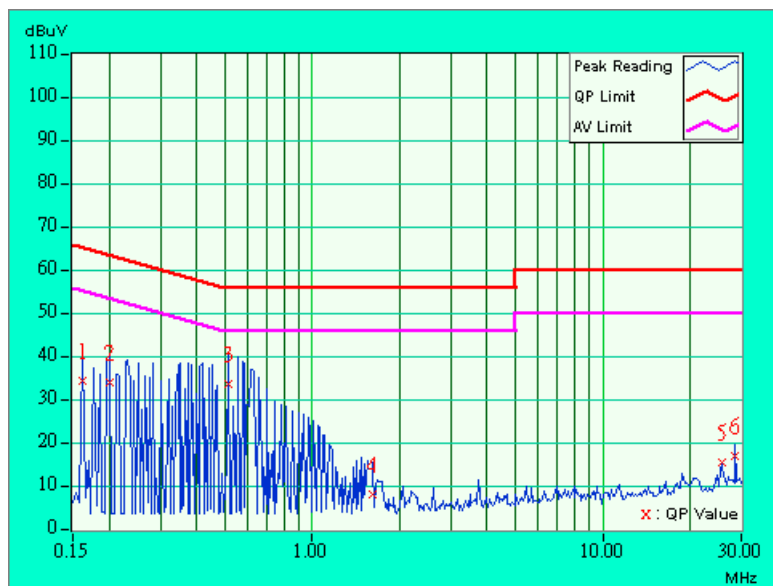
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TBM-18
MODE	Channel 3	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.162	0.05	33.61	-	33.66	-	65.38	55.38	-31.72	-
2	0.201	0.05	33.52	-	33.57	-	63.58	53.58	-30.01	-
3	0.513	0.07	33.08	-	33.15	-	56.00	46.00	-22.85	-
4	1.605	0.17	7.44	-	7.61	-	56.00	46.00	-48.39	-
5	25.633	0.73	14.70	-	15.43	-	60.00	50.00	-44.57	-
6	28.637	0.72	16.50	-	17.22	-	60.00	50.00	-42.78	-

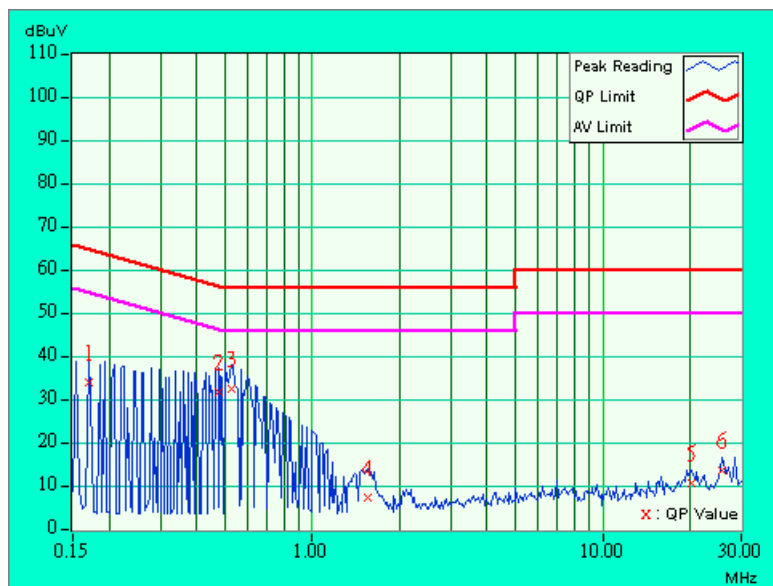
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TBM-18
MODE	Channel 4	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.170	0.06	33.16	-	33.22	-	64.98	54.98	-31.77	-
2	0.474	0.07	30.78	-	30.85	-	56.44	46.44	-25.59	-
3	0.525	0.08	31.54	-	31.62	-	56.00	46.00	-24.38	-
4	1.563	0.17	6.56	-	6.73	-	56.00	46.00	-49.27	-
5	20.172	0.65	9.98	-	10.63	-	60.00	50.00	-49.37	-
6	25.691	0.89	12.64	-	13.53	-	60.00	50.00	-46.47	-

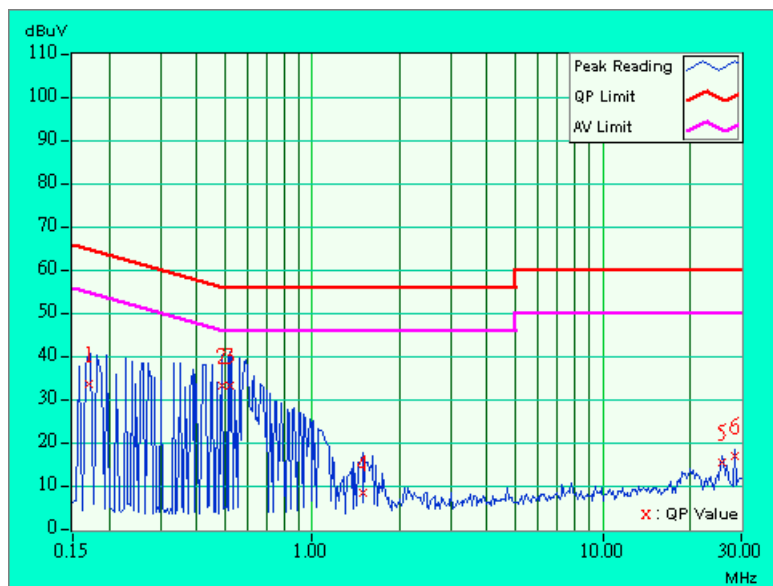
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TBM-18
MODE	Channel 4	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.170	0.05	33.12	-	33.17	-	64.98	54.98	-31.81	-
2	0.486	0.06	32.70	-	32.76	-	56.24	46.24	-23.47	-
3	0.521	0.07	32.71	-	32.78	-	56.00	46.00	-23.22	-
4	1.492	0.17	7.86	-	8.03	-	56.00	46.00	-47.97	-
5	25.813	0.73	14.89	-	15.62	-	60.00	50.00	-44.38	-
6	28.637	0.72	16.15	-	16.87	-	60.00	50.00	-43.13	-

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

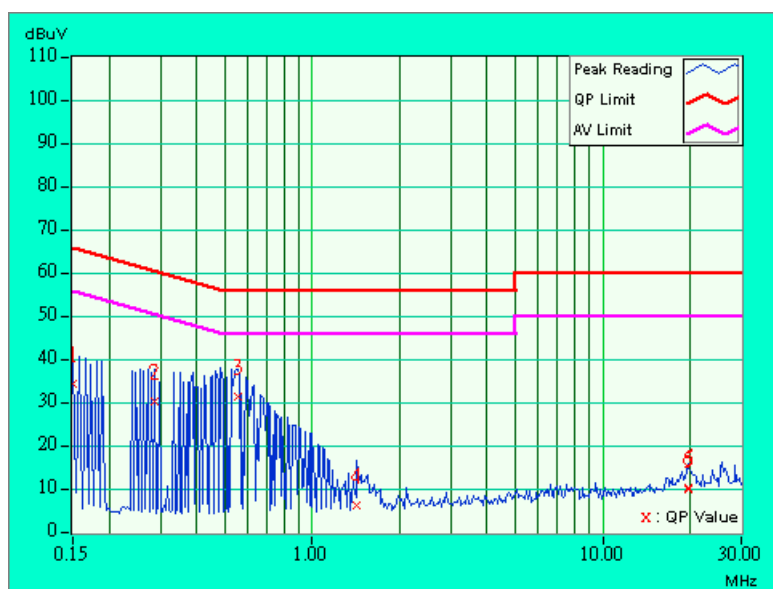


4.1.8 TEST RESULTS (B)

EUT	Wireless Video Camera	MODEL	TCM-30
MODE	Channel 1	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.05	33.68	-	33.73	-	66.00	56.00	-32.27	-
2	0.287	0.06	29.85	-	29.91	-	60.62	50.62	-30.71	-
3	0.552	0.09	30.72	-	30.81	-	56.00	46.00	-25.19	-
4	1.426	0.17	5.49	-	5.66	-	56.00	46.00	-50.34	-
5	19.633	0.63	9.55	-	10.18	-	60.00	50.00	-49.82	-
6	19.633	0.63	9.63	-	10.26	-	60.00	50.00	-49.74	-

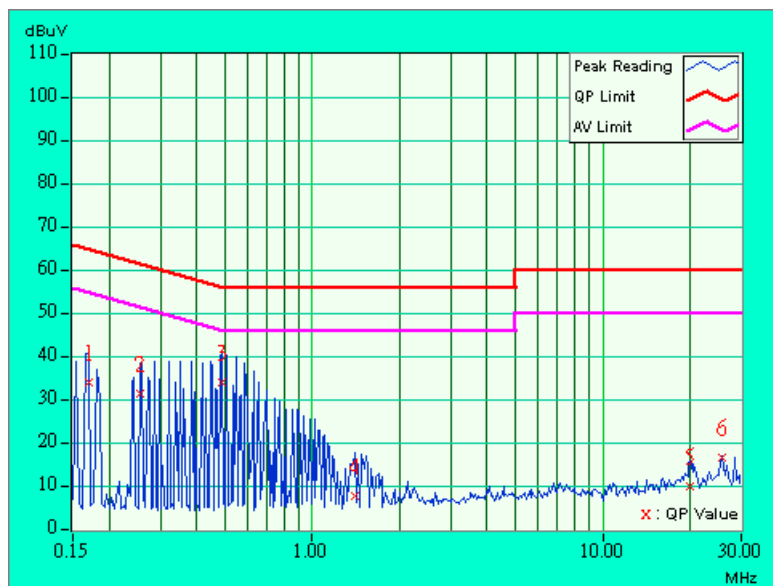
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TCM-30
MODE	Channel 1	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.170	0.05	33.49	-	33.54	-	64.98	54.98	-31.44	-
2	0.255	0.05	30.59	-	30.64	-	61.58	51.58	-30.94	-
3	0.490	0.06	33.27	-	33.33	-	56.17	46.17	-22.84	-
4	1.398	0.17	7.09	-	7.26	-	56.00	46.00	-48.74	-
5	19.930	0.51	9.45	-	9.96	-	60.00	50.00	-50.04	-
6	25.633	0.73	16.04	-	16.77	-	60.00	50.00	-43.23	-

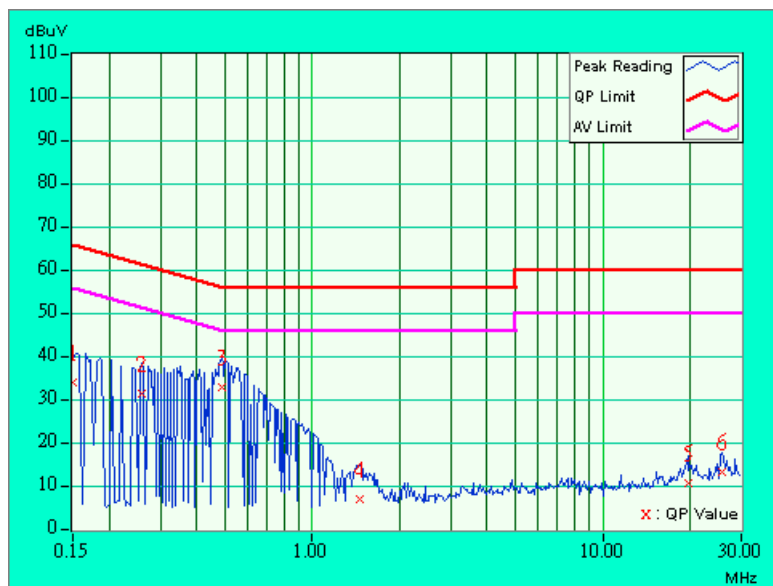
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 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TCM-30
MODE	Channel 3	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.05	33.20	-	33.25	-	66.00	56.00	-32.75	-
2	0.259	0.06	30.51	-	30.57	-	61.45	51.45	-30.88	-
3	0.486	0.07	32.05	-	32.12	-	56.24	46.24	-24.11	-
4	1.461	0.17	6.07	-	6.24	-	56.00	46.00	-49.76	-
5	19.633	0.63	9.95	-	10.58	-	60.00	50.00	-49.42	-
6	25.691	0.89	12.58	-	13.47	-	60.00	50.00	-46.53	-

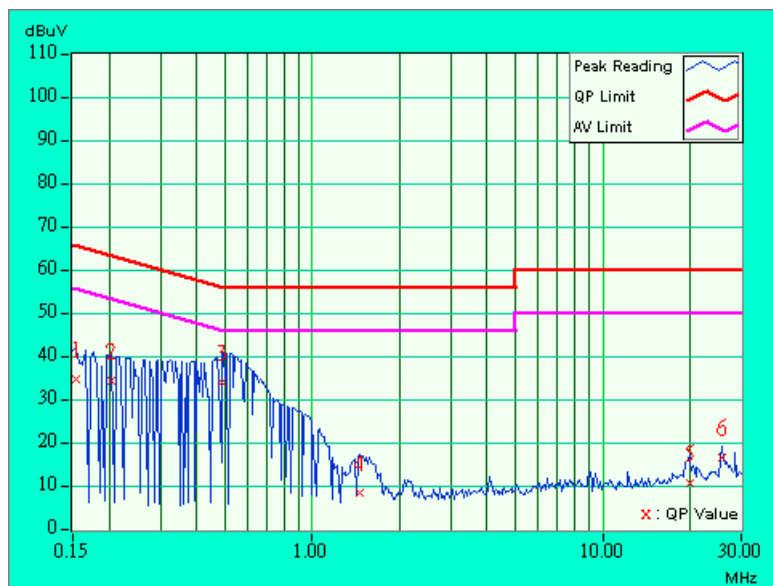
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TCM-30
MODE	Channel 3	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.154	0.05	34.05	-	34.10	-	65.79	55.79	-31.69	-
2	0.205	0.05	33.78	-	33.83	-	63.42	53.42	-29.59	-
3	0.490	0.06	33.23	-	33.29	-	56.17	46.17	-22.88	-
4	1.449	0.17	7.88	-	8.05	-	56.00	46.00	-47.95	-
5	19.871	0.51	10.01	-	10.52	-	60.00	50.00	-49.48	-
6	25.633	0.73	16.08	-	16.81	-	60.00	50.00	-43.19	-

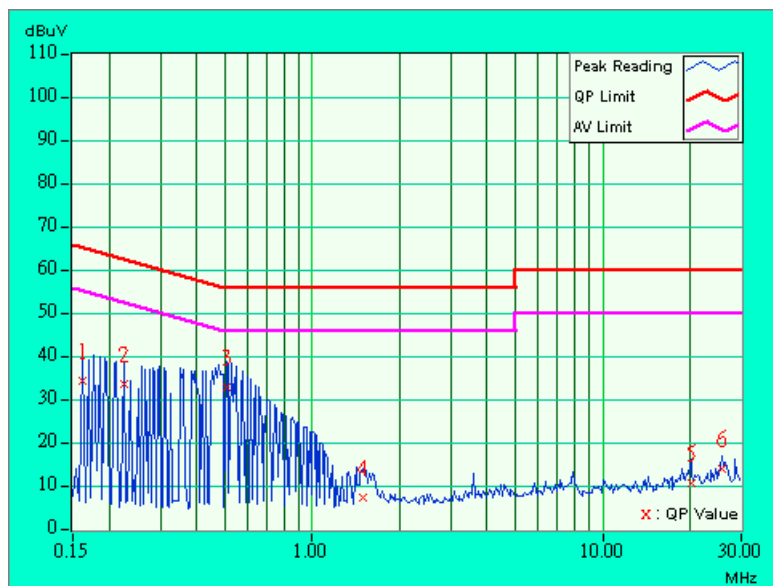
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TCM-30
MODE	Channel 4	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.162	0.06	33.59	-	33.65	-	65.38	55.38	-31.73	-
2	0.224	0.06	32.64	-	32.70	-	62.66	52.66	-29.96	-
3	0.505	0.08	32.04	-	32.12	-	56.00	46.00	-23.88	-
4	1.492	0.17	6.52	-	6.69	-	56.00	46.00	-49.31	-
5	20.109	0.65	9.94	-	10.59	-	60.00	50.00	-49.41	-
6	25.637	0.89	13.16	-	14.05	-	60.00	50.00	-45.95	-

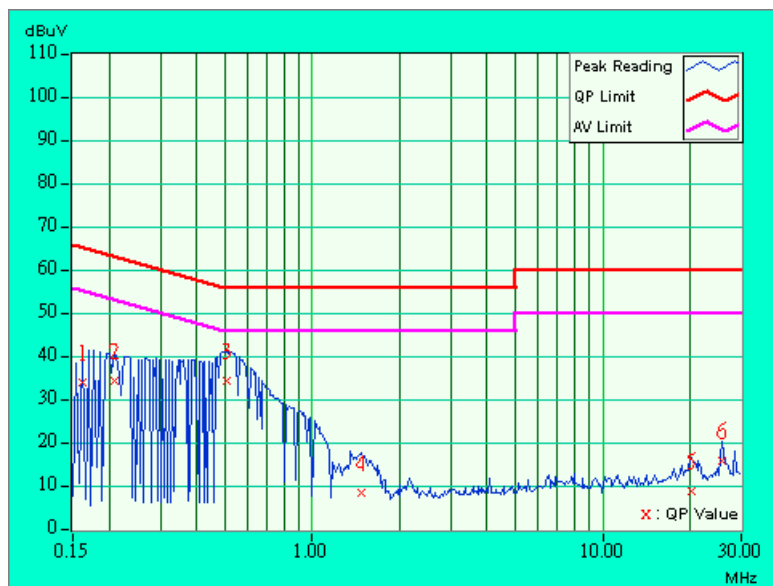
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TCM-30
MODE	Channel 4	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.162	0.05	33.21	-	33.26	-	65.38	55.38	-32.12	-
2	0.209	0.05	33.56	-	33.61	-	63.26	53.26	-29.65	-
3	0.505	0.07	33.55	-	33.62	-	56.00	46.00	-22.38	-
4	1.477	0.17	7.92	-	8.09	-	56.00	46.00	-47.91	-
5	20.234	0.52	8.02	-	8.54	-	60.00	50.00	-51.46	-
6	25.633	0.73	15.16	-	15.89	-	60.00	50.00	-44.11	-

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

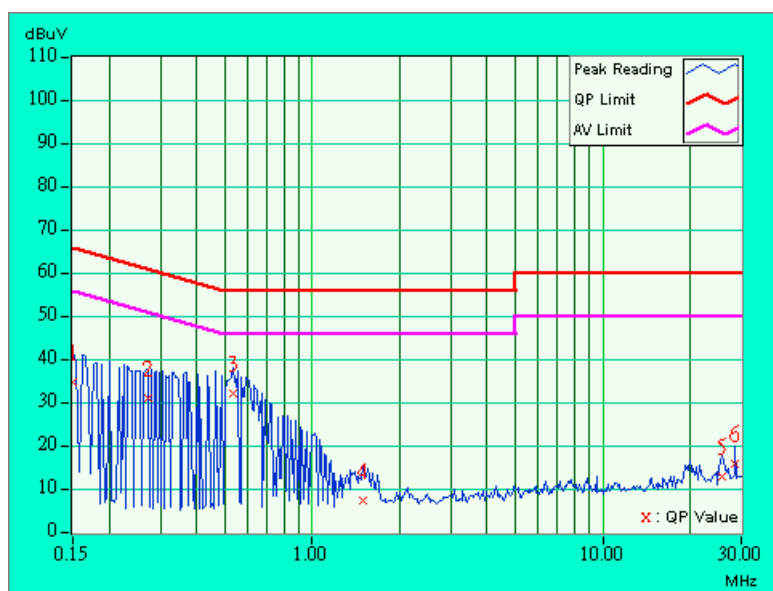


4.1.9 TEST RESULTS (C)

EUT	Wireless Video Camera	MODEL	TJM-275
MODE	Channel 1	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.05	34.10	-	34.15	-	66.00	56.00	-31.85	-
2	0.271	0.06	30.24	-	30.30	-	61.08	51.08	-30.78	-
3	0.533	0.08	31.41	-	31.49	-	56.00	46.00	-24.51	-
4	1.488	0.17	6.44	-	6.61	-	56.00	46.00	-49.39	-
5	25.816	0.89	12.04	-	12.93	-	60.00	50.00	-47.07	-
6	28.633	0.89	14.90	-	15.79	-	60.00	50.00	-44.21	-

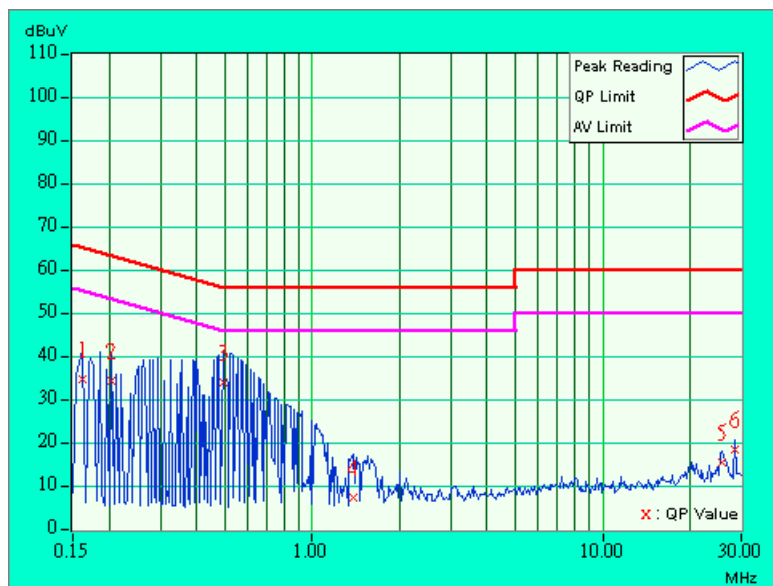
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TJM-275
MODE	Channel 1	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.162	0.05	33.95	-	34.00	-	65.38	55.38	-31.38	-
2	0.205	0.05	33.86	-	33.91	-	63.42	53.42	-29.51	-
3	0.494	0.07	33.54	-	33.61	-	56.10	46.10	-22.50	-
4	1.379	0.17	6.83	-	7.00	-	56.00	46.00	-49.00	-
5	25.813	0.73	14.69	-	15.42	-	60.00	50.00	-44.58	-
6	28.637	0.72	17.88	-	18.60	-	60.00	50.00	-41.40	-

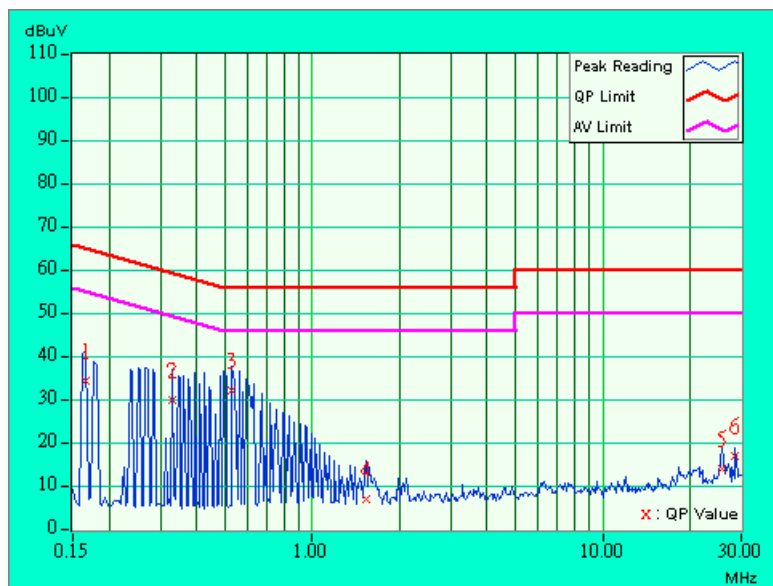
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TJM-275
MODE	Channel 3	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.166	0.06	33.39	-	33.45	-	65.18	55.18	-31.73	-
2	0.330	0.06	29.18	-	29.24	-	59.46	49.46	-30.22	-
3	0.529	0.08	31.19	-	31.27	-	56.00	46.00	-24.73	-
4	1.539	0.17	6.30	-	6.47	-	56.00	46.00	-49.53	-
5	25.637	0.89	13.08	-	13.97	-	60.00	50.00	-46.03	-
6	28.637	0.89	16.32	-	17.21	-	60.00	50.00	-42.79	-

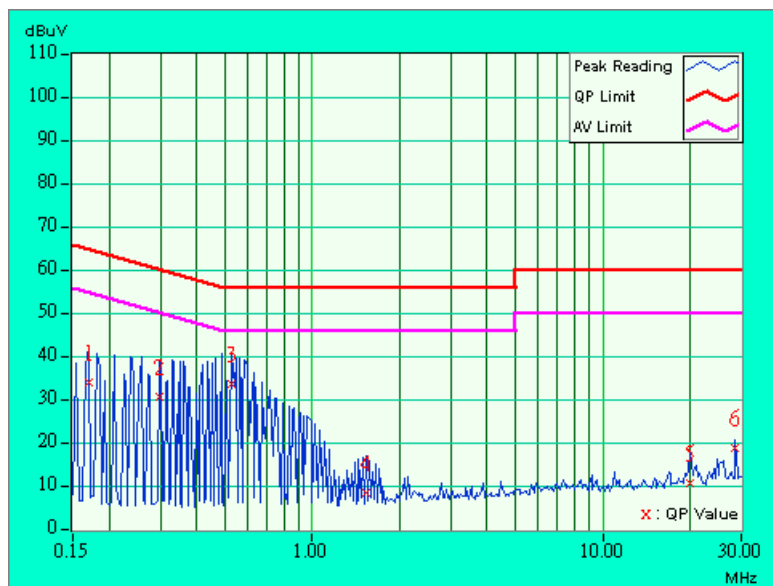
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TJM-275
MODE	Channel 3	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.170	0.05	33.53	-	33.58	-	64.98	54.98	-31.40	-
2	0.298	0.05	30.15	-	30.20	-	60.29	50.29	-30.09	-
3	0.525	0.07	33.08	-	33.15	-	56.00	46.00	-22.85	-
4	1.531	0.17	7.64	-	7.81	-	56.00	46.00	-48.19	-
5	19.992	0.51	9.87	-	10.38	-	60.00	50.00	-49.62	-
6	28.637	0.72	18.10	-	18.82	-	60.00	50.00	-41.18	-

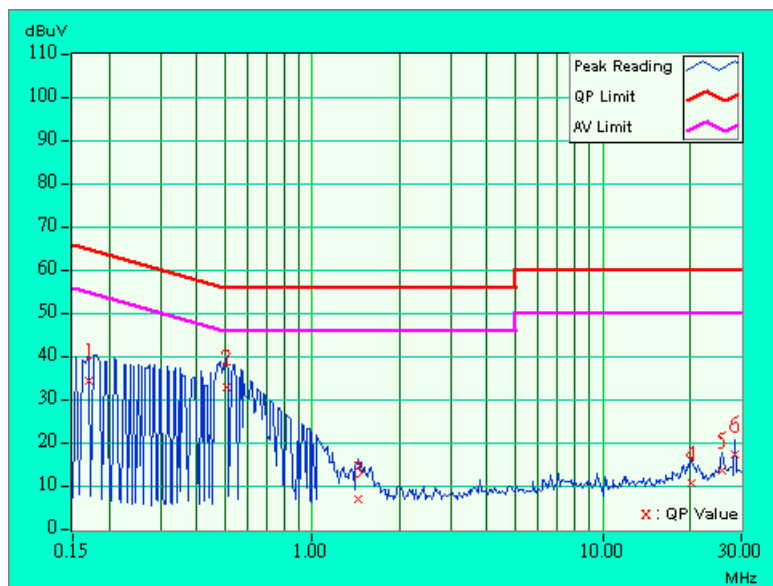
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TJM-275
MODE	Channel 4	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.170	0.06	33.59	-	33.65	-	64.98	54.98	-31.34	-
2	0.505	0.08	32.23	-	32.31	-	56.00	46.00	-23.69	-
3	1.438	0.17	6.13	-	6.30	-	56.00	46.00	-49.70	-
4	20.352	0.66	9.78	-	10.44	-	60.00	50.00	-49.56	-
5	25.695	0.89	12.91	-	13.80	-	60.00	50.00	-46.20	-
6	28.637	0.89	16.42	-	17.31	-	60.00	50.00	-42.69	-

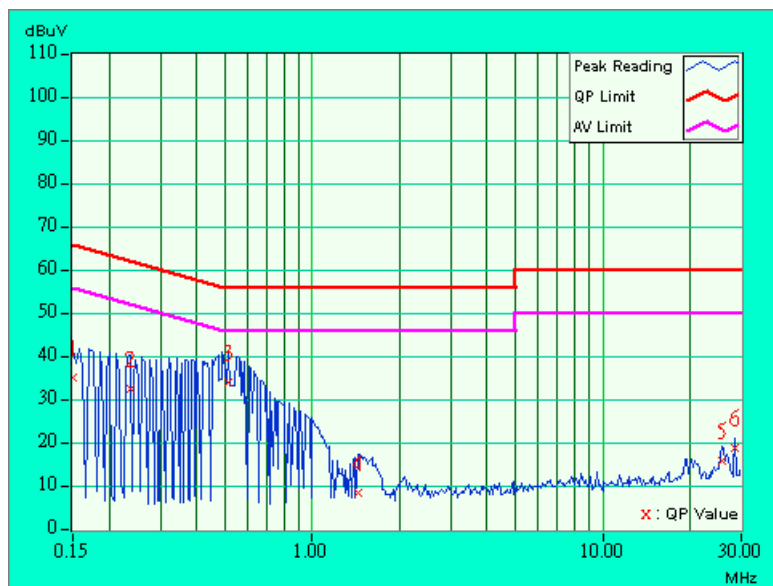
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless Video Camera	MODEL	TJM-275
MODE	Channel 4	6dB BANDWIDTH	9kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	TESTED BY: Jamison Chan	

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.05	34.34	-	34.39	-	66.00	56.00	-31.61	-
2	0.236	0.05	31.80	-	31.85	-	62.24	52.24	-30.39	-
3	0.513	0.07	33.53	-	33.60	-	56.00	46.00	-22.40	-
4	1.445	0.17	7.96	-	8.13	-	56.00	46.00	-47.87	-
5	25.637	0.73	15.10	-	15.83	-	60.00	50.00	-44.17	-
6	28.637	0.72	18.19	-	18.91	-	60.00	50.00	-41.09	-

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.





4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The field strength of emission from fundamental frequency shall comply with the following:

Frequencies (MHz)	Field strength (dBuV/m)	
	Peak	Average
2400 ~ 2483.5	114	94

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequencies (MHz)	Field strength (microvolts/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

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.



4.2.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
* HP Preamplifier	8447D	2432A03504	June 10, 2004
* HP Preamplifier	8449B	3008A01201	Dec. 01, 2003
* HP Preamplifier	8449B	3008A01292	Aug. 11, 2004
SCHAFFNER Tunable Dipole Antenna	VHBA 9123	459	Nov. 22, 2003
SCHWARZBECK Tunable Dipole Antenna	UHA 9105	977	
* ROHDE & SCHWARZ TEST RECEIVER	ESMI	839013/007 839379/002	Feb. 13, 2004
Schwarzbeck Antenna	VULB9168	137	Apr. 03, 2004
* SCHWARZBECK Horn Antenna	BBHA9120-D1	D130	June 30, 2004
* EMCO Horn Antenna	3115	9312-4192	Mar. 23, 2004
ADT. Turn Table	TT100	0306	NA
ADT. Tower	AT100	0306	NA
Software	ADT_Radiated_V 5.14	NA	NA
TIMES RF cable	LL142	CABLE-CH6-01	Apr. 30, 2004

- NOTE:** 1. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to NML/ROC and NIST/USA.
2. "*" = These equipment are used for the final measurement.
3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
4. The test was performed in ADT Chamber No. 6.



4.2.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using the quasi-peak method or average method as specified and then reported in Data sheet peak mode and QP mode.

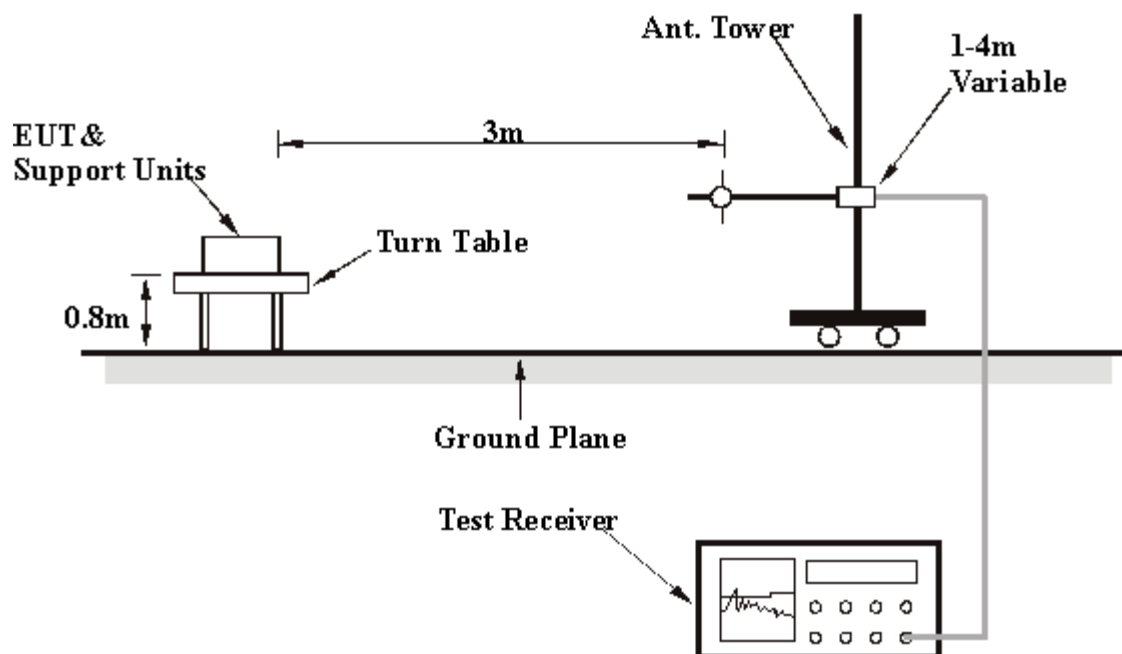
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.2.6 EUT OPERATING CONDITIONS

Same as item 4.1.6

4.2.7 TEST RESULTS (A)

EUT	Wireless Video Camera	MODEL	TBM-18
MODE	Adapter	FREQUENCY RANGE	Below 1000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	TESTED BY: Jamison Chan	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	700.64	24.4 QP	46.00	-21.60	4.00 H	31	0.40	24.00
2	737.58	25.1 QP	46.00	-20.90	1.00 H	277	0.10	25.00
3	782.28	26.0 QP	46.00	-20.00	2.00 H	22	0.50	25.50
4	848.38	26.2 QP	46.00	-19.80	1.25 H	64	0.10	26.10
5	914.47	27.5 QP	46.00	-18.50	1.75 H	313	0.20	27.30
6	951.40	28.7 QP	46.00	-17.30	4.00 H	322	1.00	27.70

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	41.66	28.2 QP	40.00	-11.80	1.00 V	214	13.80	14.40
2	788.12	26.0 QP	46.00	-20.00	2.50 V	97	0.40	25.60
3	825.05	27.0 QP	46.00	-19.00	2.00 V	250	1.10	25.90
4	856.15	26.8 QP	46.00	-19.20	3.00 V	208	0.50	26.30
5	895.03	27.8 QP	46.00	-18.20	1.00 V	334	0.80	27.00
6	937.80	27.7 QP	46.00	-18.30	1.75 V	352	0.10	27.60

- REMARKS:**
1. Emission level (dBuV/m)=Raw Value (dBuV) + Correction Factor (dB/m)
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Wireless Video Camera	MODEL	TBM-18
MODE	Battery	FREQUENCY RANGE	Below 1000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	TESTED BY: Jamison Chan	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	737.58	25.1 QP	46.00	-20.90	4.00 H	34	0.10	25.00
2	784.23	25.6 QP	46.00	-20.40	2.50 H	112	0.10	25.50
3	826.99	26.4 QP	46.00	-19.60	3.00 H	232	0.50	25.90
4	875.59	27.5 QP	46.00	-18.50	2.00 H	229	0.80	26.70
5	908.64	27.5 QP	46.00	-18.50	1.75 H	46	0.30	27.20
6	943.63	27.8 QP	46.00	-18.20	3.00 H	28	0.20	27.60

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	43.61	26.8 QP	40.00	-13.20	1.75 V	166	12.30	14.50
2	753.13	25.7 QP	46.00	-20.30	1.50 V	217	0.30	25.40
3	790.06	25.7 QP	46.00	-20.30	2.50 V	259	0.20	25.60
4	850.32	26.8 QP	46.00	-19.20	1.25 V	331	0.60	26.10
5	900.86	30.3 QP	46.00	-15.70	2.00 V	16	3.20	27.10
6	951.40	28.3 QP	46.00	-17.70	1.25 V	58	0.60	27.70

- REMARKS:**
1. Emission level (dBuV/m)=Raw Value (dBuV) + Correction Factor (dB/m)
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Wireless Video Camera	MODEL	TBM-18
CHANNEL	Channel 1		
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	DETECTOR FUNCTION	Peak (PK) Average (AV)
TESTED BY: Jamison Chan			

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2410.00	82.2 PK	114.00	-31.80	1.05 H	24	50.70	31.50
1	*2410.00	79.9 AV	94.00	-14.10	1.05 H	24	48.40	31.50
2	4820.00	54.6 PK	74.00	-19.40	1.45 H	70	16.80	37.90
2	4820.00	49.5 AV	54.00	-4.50	1.45 H	70	11.60	37.90
3	7230.00	55.5 PK	74.00	-18.50	1.16 H	360	13.30	42.20
3	7230.00	43.7 AV	54.00	-10.30	1.16 H	360	1.50	42.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2410.00	84.1 PK	114.00	-29.90	1.20 V	75	52.50	31.50
1	*2410.00	81.5 AV	94.00	-12.50	1.20 V	75	50.00	31.50
2	4820.00	54.0 PK	74.00	-20.00	1.56 V	162	16.10	37.90
2	4820.00	45.0 AV	54.00	-9.00	1.56 V	162	7.20	37.90
3	7230.00	55.2 PK	74.00	-18.80	1.42 V	162	13.00	42.20
3	7230.00	44.8 AV	54.00	-9.20	1.42 V	162	2.60	42.20

- REMARKS:**
1. Emission level (dBuV/m)=Raw Value (dBuV) + Correction Factor (dB)
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.



EUT	Wireless Video Camera	MODEL	TBM-18
CHANNEL	Channel 3		
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	DETECTOR FUNCTION	Peak (PK) Average (AV)
TESTED BY: Jamison Chan			

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2450.00	77.6 PK	114.00	-36.40	1.20 H	323	46.00	31.60
1	*2450.00	73.8 AV	94.00	-20.20	1.20 H	323	42.30	31.60
2	4900.00	51.3 PK	74.00	-22.70	1.00 H	48	13.30	38.00
2	4900.00	42.3 AV	54.00	-11.70	1.00 H	48	4.30	38.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2450.00	76.5 PK	114.00	-37.50	1.17 V	294	44.90	31.60
1	*2450.00	72.6 AV	94.00	-21.40	1.17 V	294	41.00	31.60
2	4900.00	51.3 PK	74.00	-22.70	1.37 V	184	13.30	38.00
2	4900.00	41.2 AV	54.00	-12.80	1.37 V	184	3.20	38.00

- REMARKS:**
1. Emission level (dBuV/m)=Raw Value (dBuV) + Correction Factor (dB)
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.

EUT	Wireless Video Camera	MODEL	TBM-18
CHANNEL	Channel 4		
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	DETECTOR FUNCTION	Peak (PK) Average (AV)
TESTED BY: Jamison Chan			

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2470.00	77.8 PK	114.00	-36.20	1.20 H	322	46.20	31.60
1	*2470.00	75.4 AV	94.00	-18.60	1.20 H	322	43.80	31.60
2	4940.60	52.1 PK	74.00	-21.90	1.26 H	162	14.10	38.00
2	4940.60	43.1 AV	54.00	-10.90	1.26 H	162	5.10	38.00
3	7410.00	44.4 PK	74.00	-29.60	1.26 H	253	2.00	42.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2470.00	77.0 PK	114.00	-39.00	1.28 V	85	45.40	31.60
1	*2470.00	74.2 AV	94.00	-19.80	1.28 V	85	42.60	31.60
2	4940.00	54.0 PK	74.00	-20.00	1.38 V	193	16.00	38.00
2	4940.00	48.2 AV	54.00	-5.80	1.38 V	193	10.20	38.00
3	7410.00	53.6 PK	74.00	-20.40	1.24 V	325	11.20	42.50
3	7410.00	44.7 AV	54.00	-9.30	1.24 V	325	2.20	42.50

- REMARKS:**
1. Emission level (dBuV/m)=Raw Value (dBuV) + Correction Factor (dB)
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.

4.2.8 TEST RESULTS (B)

EUT	Wireless Video Camera	MODEL	TCM-30
MODE	Adapter	FREQUENCY RANGE	Below 1000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	TESTED BY: Jamison Chan	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	45.55	24.3 QP	40.00	-15.70	1.50 H	43	9.80	14.50
2	774.51	25.9 QP	46.00	-20.10	1.50 H	88	0.50	25.50
3	830.88	26.2 QP	46.00	-19.80	4.00 H	190	0.20	25.90
4	875.59	27.4 QP	46.00	-18.60	2.50 H	259	0.70	26.70
5	914.47	27.4 QP	46.00	-18.60	2.50 H	28	0.10	27.30
6	945.57	27.7 QP	46.00	-18.30	1.00 H	22	0.00	27.70

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	43.61	24.3 QP	40.00	-15.70	2.00 V	214	9.80	14.50
2	770.62	25.6 QP	46.00	-20.40	3.00 V	178	0.10	25.50
3	809.50	26.4 QP	46.00	-19.60	1.00 V	181	0.70	25.70
4	844.49	27.2 QP	46.00	-18.80	4.00 V	163	1.10	26.10
5	896.97	27.4 QP	46.00	-18.60	3.00 V	133	0.30	27.10
6	928.08	27.8 QP	46.00	-18.20	3.00 V	7	0.30	27.50

- REMARKS:**
1. Emission level (dBuV/m)=Raw Value (dBuV) + Correction Factor (dB/m)
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Wireless Video Camera	MODEL	TCM-30
CHANNEL	Channel 1		
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	DETECTOR FUNCTION	Peak (PK) Average (AV)
TESTED BY: Jamison Chan			

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2410.00	82.5 PK	114.00	-31.50	1.00 H	213	51.00	31.50
1	*2410.00	79.7 AV	94.00	-14.30	1.00 H	213	48.10	31.50
2	4820.00	58.3 PK	74.00	-15.70	1.01 H	169	20.50	37.90
2	4820.00	53.2 AV	54.00	-0.80	1.01 H	169	15.40	37.90
3	7230.00	57.2 PK	74.00	-16.80	1.01 H	208	15.00	42.20
3	7230.00	48.4 AV	54.00	-5.60	1.01 H	208	6.20	42.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2410.00	81.4 PK	114.00	-32.60	1.05 V	160	49.90	31.50
1	*2410.00	79.2 AV	94.00	-14.80	1.05 V	160	47.70	31.50
2	4820.00	59.3 PK	74.00	-14.70	1.01 V	161	21.50	37.90
2	4820.00	53.9 AV	54.00	-0.10	1.01 V	161	16.10	37.90
3	7230.00	59.3 PK	74.00	-14.70	1.01 V	225	17.10	42.20
3	7230.00	51.7 AV	54.00	-2.30	1.01 V	225	9.50	42.20

- REMARKS:**
1. Emission level (dBuV/m)=Raw Value (dBuV) + Correction Factor (dB)
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.

EUT	Wireless Video Camera	MODEL	TCM-30
CHANNEL	Channel 3		
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	DETECTOR FUNCTION	Peak (PK) Average (AV)
TESTED BY: Jamison Chan			

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2450.00	76.6 PK	114.00	-37.40	1.00 H	206	45.00	31.60
1	*2450.00	73.2 AV	94.00	-20.80	1.00 H	206	41.60	31.60
2	4900.00	50.0 PK	74.00	-24.00	1.26 H	231	12.10	38.00
3	7350.00	53.7 PK	74.00	-20.30	1.01 H	226	11.30	42.40
3	7350.00	45.4 AV	54.00	-8.60	1.01 H	226	3.00	42.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2450.00	71.5 PK	114.00	-42.50	1.09 V	256	40.00	31.60
1	*2450.00	68.2 AV	94.00	-25.80	1.09 V	256	36.70	31.60
2	4900.00	50.7 PK	74.00	-23.30	1.13 V	154	12.70	38.00
3	7350.00	54.1 PK	74.00	-19.90	1.13 V	219	11.70	42.40
3	7350.00	45.2 AV	54.00	-8.80	1.13 V	219	2.80	42.40

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency.

EUT	Wireless Video Camera	MODEL	TCM-30
CHANNEL	Channel 4		
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	DETECTOR FUNCTION	Peak (PK) Average (AV)
TESTED BY: Jamison Chan			

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2470.00	78.7 PK	114.00	-35.30	1.20 H	188	47.10	31.60
1	*2470.00	75.7 AV	94.00	-18.30	1.20 H	188	44.10	31.60
2	4940.00	52.5 PK	74.00	-21.50	1.20 H	225	14.50	38.00
2	4940.00	44.1 AV	54.00	-9.90	1.20 H	225	6.00	38.00
3	7410.00	54.4 PK	74.00	-19.60	1.00 H	233	11.90	42.50
3	7410.00	45.2 AV	54.00	-8.80	1.00 H	233	2.70	42.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2470.00	76.7 PK	114.00	-37.30	1.00 V	164	45.10	31.60
1	*2470.00	74.4 AV	94.00	-19.60	1.00 V	164	42.80	31.60
2	4940.00	53.6 PK	74.00	-20.40	1.00 V	145	15.60	38.00
2	4940.00	45.9 AV	54.00	-8.10	1.00 V	145	7.90	38.00
3	7410.00	54.7 PK	74.00	-19.30	1.09 V	237	12.20	42.50
3	7410.00	42.4 AV	54.00	-11.60	1.09 V	237	0.00	42.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.

4.2.9 TEST RESULTS (C)

EUT	Wireless Video Camera	MODEL	TJM-275
MODE	Adapter	FREQUENCY RANGE	Below 1000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	TESTED BY: Jamison Chan	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	47.49	32.0 QP	40.00	-8.00	1.00 H	223	17.70	14.30
2	793.95	26.3 QP	46.00	-19.70	1.75 H	340	0.70	25.60
3	836.71	26.3 QP	46.00	-9.70	1.00 H	265	0.30	26.00
4	869.76	26.6 QP	46.00	-19.40	3.00 H	94	0.10	26.50
5	902.81	28.6 QP	46.00	-17.40	3.00 H	22	1.40	27.20
6	931.96	27.6 QP	46.00	-18.40	3.00 H	16	0.10	27.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	47.49	32.0 QP	40.00	-8.00	1.00 V	217	17.70	14.30
2	731.74	25.2 QP	46.00	-20.80	1.75 V	187	0.30	24.80
3	764.79	26.0 QP	46.00	-20.00	2.00 V	16	0.50	25.40
4	823.11	26.4 QP	46.00	-19.60	1.00 V	109	0.50	25.90
5	869.76	27.1 QP	46.00	-18.90	4.00 V	43	0.60	26.50
6	933.91	27.8 QP	46.00	-18.20	2.50 V	82	0.30	27.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Wireless Video Camera	MODEL	TJM-275
CHANNEL	Channel 1		
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	DETECTOR FUNCTION	Peak (PK) Average (AV)
TESTED BY: Jamison Chan			

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2410.00	81.2 PK	114.00	-32.80	1.28 H	137	49.70	31.50
1	*2410.00	76.7 AV	94.00	-17.30	1.28 H	137	45.10	31.50
2	4820.00	40.7 PK	74.00	-33.30	1.30 H	201	2.90	37.90
3	7230.00	43.3 PK	74.00	-30.70	1.00 H	189	1.20	42.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2410.00	79.5 PK	114.00	-34.50	1.00 V	138	48.00	31.50
1	*2410.00	73.8 AV	94.00	-20.20	1.00 V	138	42.30	31.50
2	4820.00	41.6 PK	74.00	-32.40	1.00 V	136	3.80	37.90
3	7230.00	42.2 PK	74.00	-31.80	1.00 V	161	0.00	42.20

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency.

EUT	Wireless Video Camera	MODEL	TJM-275
CHANNEL	Channel 3		
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	DETECTOR FUNCTION	Peak (PK) Average (AV)
TESTED BY: Jamison Chan			

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2450.00	78.8 PK	114.00	-35.20	1.00 H	132	47.20	31.60
1	*2450.00	73.0 AV	94.00	-21.00	1.00 H	132	41.40	31.60
2	4900.00	56.3 PK	74.00	-17.70	1.02 H	166	18.40	38.00
2	4900.00	47.8 AV	54.00	-6.20	1.02 H	166	9.80	38.00
3	7350.00	55.9 PK	74.00	-18.10	1.73 H	10	13.50	42.40
3	7350.00	43.1 AV	54.00	-10.90	1.73 H	10	0.70	42.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2450.00	78.6 PK	114.00	-35.40	1.15 V	128	47.00	31.60
1	*2450.00	72.2 AV	94.00	-21.80	1.15 V	128	40.70	31.60
2	4910.00	56.1 PK	74.00	-17.90	1.14 V	256	18.10	38.00
2	4910.00	46.4 AV	54.00	-7.60	1.14 V	256	8.40	38.00
3	7350.00	56.4 PK	74.00	-17.60	1.77 V	30	14.00	42.40
3	7350.00	42.6 AV	54.00	-11.40	1.77 V	30	0.20	42.40

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.

EUT	Wireless Video Camera	MODEL	TJM-275
CHANNEL	Channel 4		
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	DETECTOR FUNCTION	Peak (PK) Average (AV)
TESTED BY: Jamison Chan			

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2470.00	78.3 PK	114.00	-35.70	1.30 H	284	46.80	31.60
1	*2470.00	73.7 AV	94.00	-20.30	1.30 H	284	42.10	31.60
2	4940.00	59.5 PK	74.00	-14.50	1.14 H	162	21.50	38.00
2	4940.00	50.9 AV	54.00	-3.10	1.14 H	162	12.80	38.00
3	7410.00	57.8 PK	74.00	-16.20	1.12 H	183	15.30	42.50
3	7410.00	47.6 AV	54.00	-6.40	1.12 H	183	5.10	42.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2470.00	78.3 PK	114.00	-35.70	1.15 V	137	46.70	31.60
1	*2470.00	73.6 AV	94.00	-20.40	1.15 V	137	42.00	31.60
2	4740.00	57.0 PK	74.00	-17.00	1.11 V	257	19.40	37.60
2	4740.00	47.1 AV	54.00	-6.90	1.11 V	257	9.50	37.60
3	7410.00	56.2 PK	74.00	-17.80	1.11 V	153	13.70	42.50
3	7410.00	43.8 AV	54.00	-10.20	1.11 V	153	1.30	42.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.

4.3 BAND EDGES MEASUREMENT

4.3.1 LIMITS OF BAND EDGES MEASUREMENT

Below -20dB of the highest emission level of operating band (in 100KHz Resolution Bandwidth).

4.3.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	August 12, 2004

NOTE:

- 1.The measurement uncertainty is less than +/- 2.6dB, which is calculated as per the NAMAS document NIS81.
- 2.The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.3.3 TEST PROCEDURE

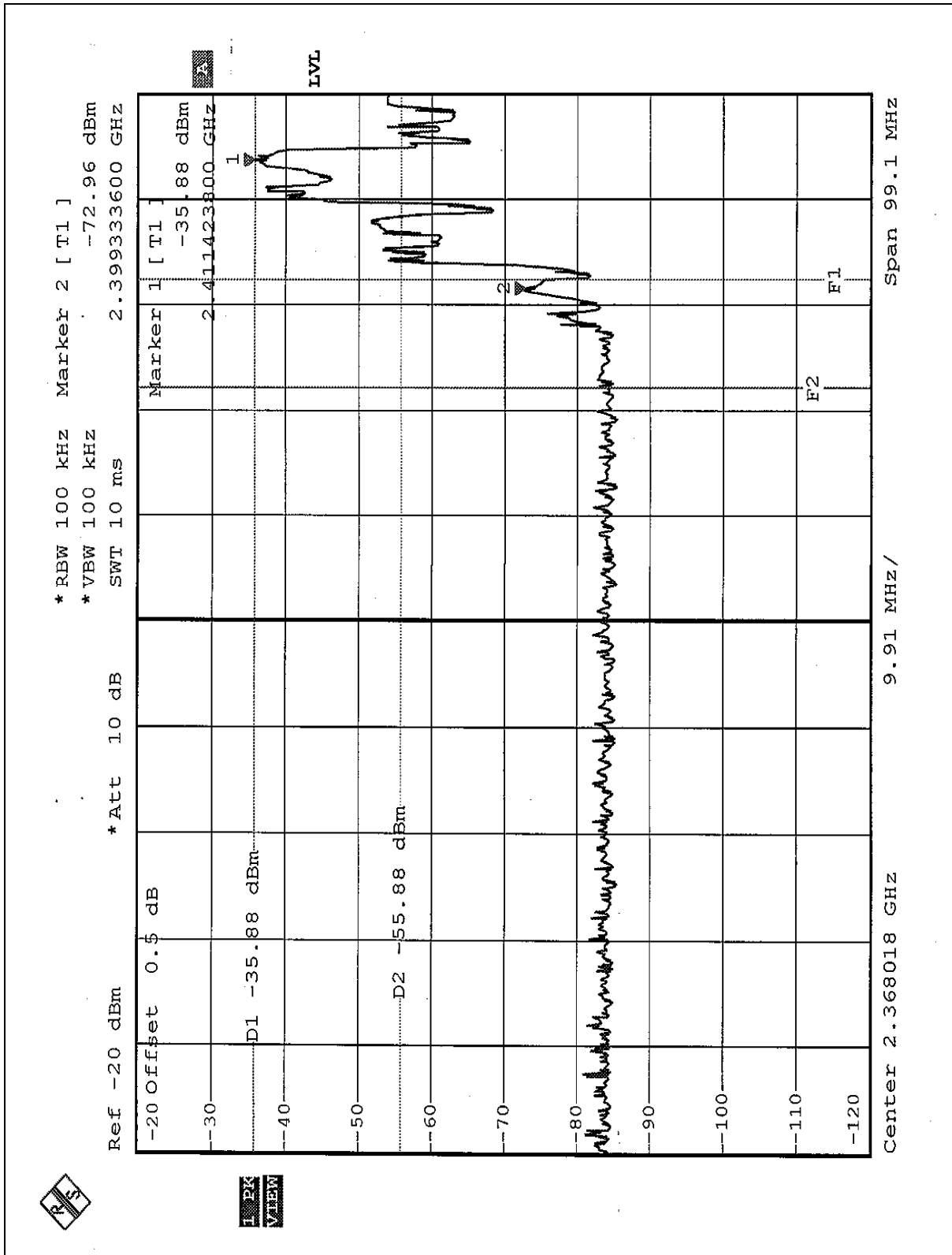
The transmitter output was connected to the spectrum analyzer via a low lose cable. Set both RBW and VBW of spectrum analyzer to 100 kHz with suitable frequency span including 100 MHz bandwidth from band edge. The band edges was measured and recorded.

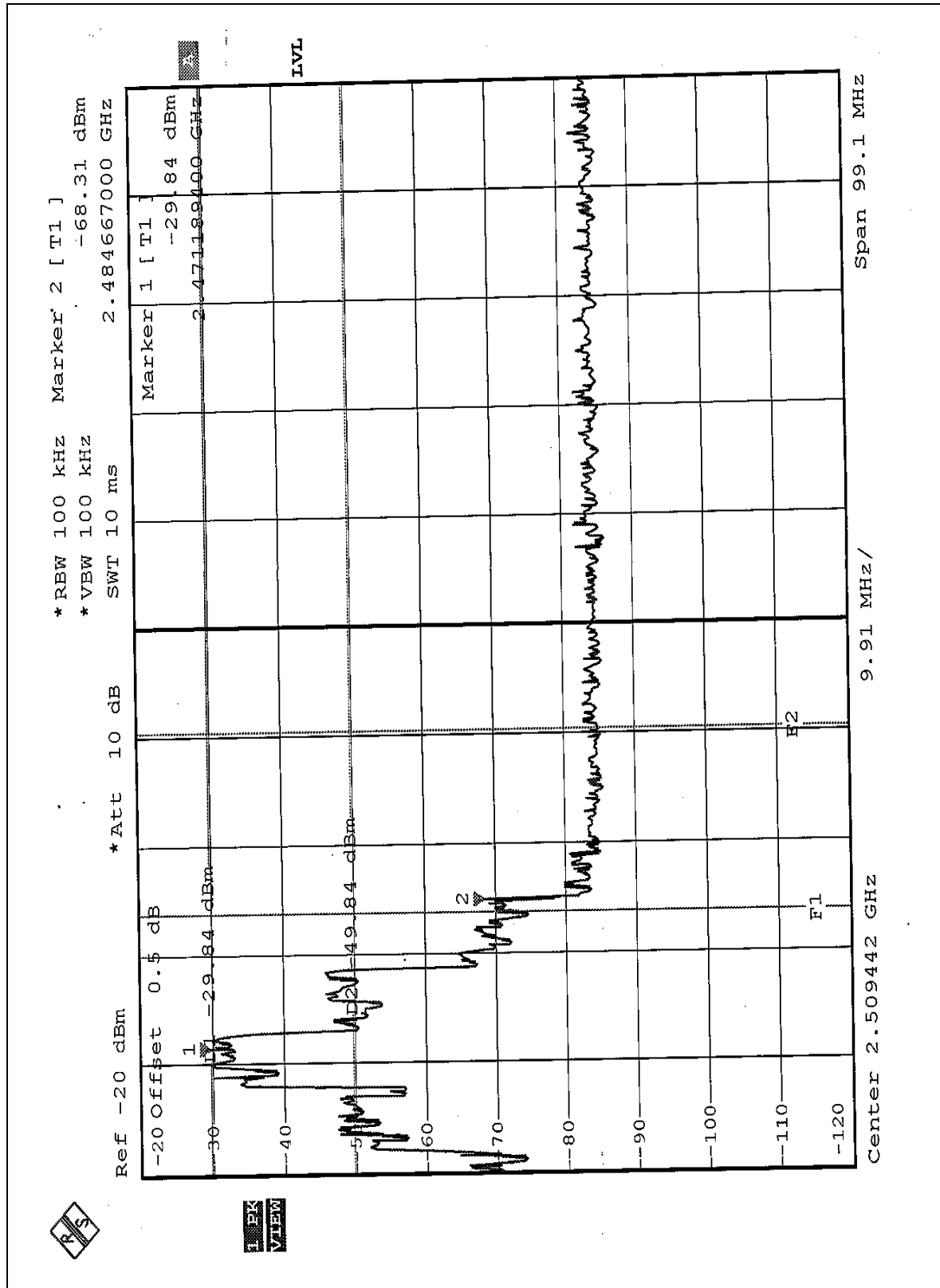
4.3.4 EUT OPERATING CONDITION

Enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.5 TEST RESULTS

The spectrum plots are attached on the following 2 pages. D2 line indicates the highest level, D1 line indicates the 20dB offset below D2. It shows compliance with the requirement in part 15.249(C).





5. PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST

(For model: TBM-18)



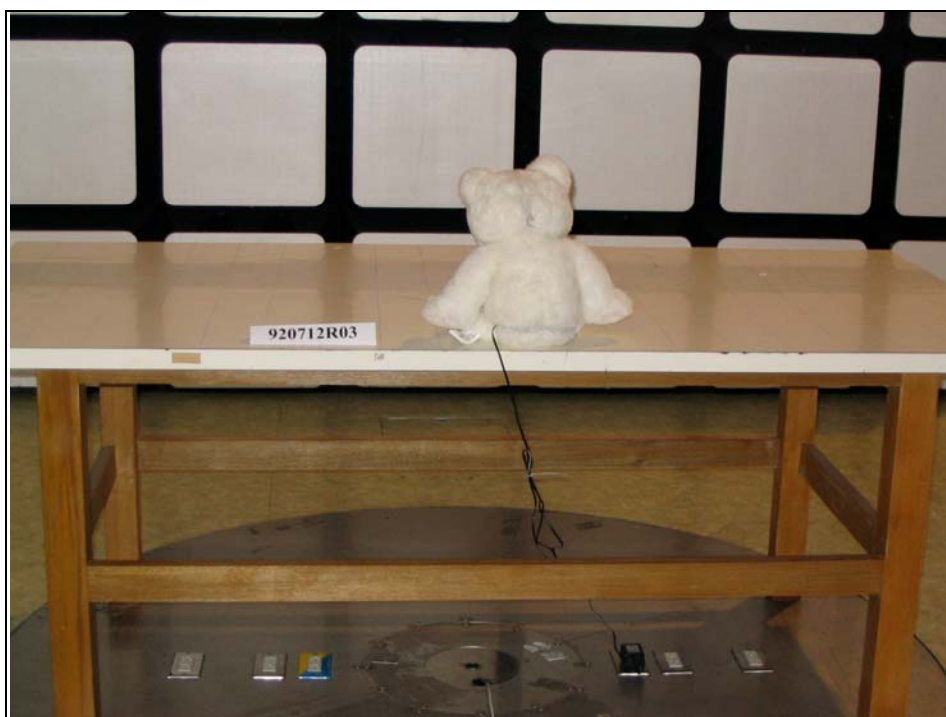
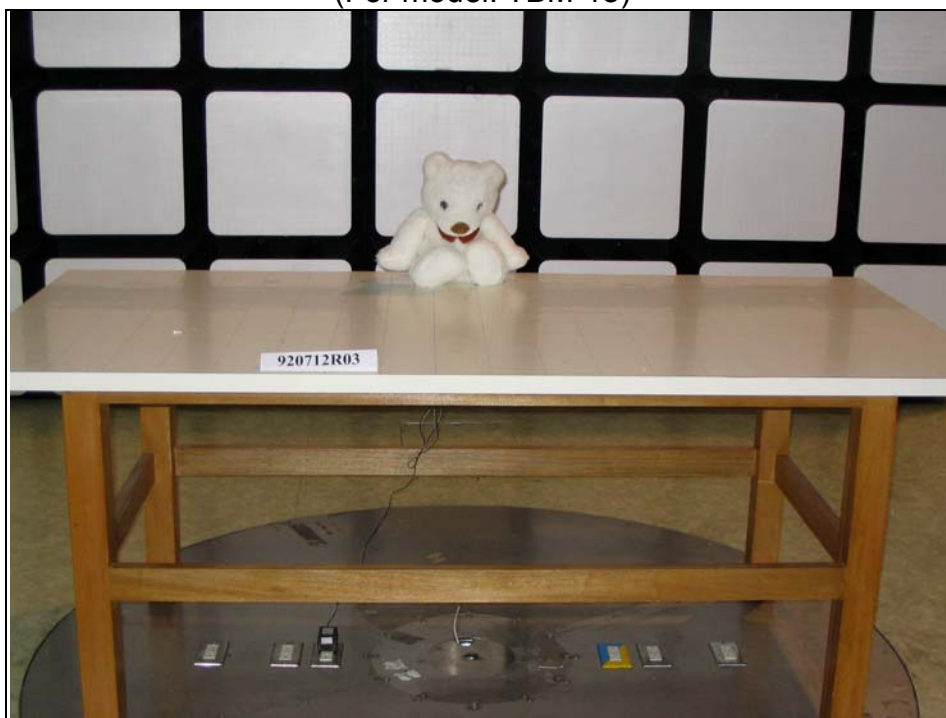
(For model: TCM-30)



(For model: TJM-275)



RADIATED EMISSION TEST
(For model: TBM-18)



(For model: TCM-30)



(For model: TJM-275)





6. INFORMATION ON THE TESTING LABORATORIES

We, ADT Corp., were founded in 1988 to provide our best service in EMC and Safety consultation. Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025, Guide 25 or EN 45001:

USA	FCC, NVLAP
Germany	TUV Rheinland
Japan	VCCI
New Zealand	MoC
Norway	NEMKO
R.O.C.	BSMI, DGT, CNLA

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site:

www.adt.com.tw/index.5/phtml.

If you have any comments, please feel free to contact us at the following:

Lin Kou EMC Lab:

Tel: 886-2-26052180

Fax: 886-2-26052943

Hsin Chu EMC Lab:

Tel: 886-35-935343

Fax: 886-35-935342

Lin Kou Safety Lab:

Tel: 886-2-26093195

Fax: 886-2-26093184

Lin Kou RF&Telecom Lab

Tel: 886-3-3270910

Fax: 886-3-3270892

Email: service@mail.adt.com.tw

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.