# **FCC Test Report**

Report No.: AGC02009151208FE03

APPLICATION PURPOSE::Original EquipmentPRODUCT DESIGNATION::::BRAND NAME:DeWaltMODEL NAME:DCT410, DCT411, DCT412CLIENT:::DATE OF ISSUE::STANDARD(S) TEST PROCEDURE(S)::REPORT VERSION::Attestation of CV-::CAUTION:::	FCC ID	: YJ709472-8153
PRODUCT DESIGNATION:2.4GHz Wireless Inspection CameraBRAND NAME:DeWaltMODEL NAME:DCT410, DCT411, DCT412CLIENT:Stanley Black & DeckerDATE OF ISSUE:Jan.06, 2016STANDARD(S) TEST PROCEDURE(S)::REPORT VERSION::Attestation of Compliance (Shenzhen) Co., LtdCAUTION::	APPLICATION PURPOSE	: Original Equipment
BRAND NAME:DeWaltMODEL NAME:DCT410, DCT411, DCT412CLIENT:Stanley Black & DeckerDATE OF ISSUE:jan.06, 2016STANDARD(S) TEST PROCEDURE(S)::REPORT VERSION::Attestation of Compliance (Shenzhen) Co., LtdCAUTION:	PRODUCT DESIGNATION	: 2.4GHz Wireless Inspection Camera
MODEL NAME:DCT410, DCT411, DCT412CLIENT:Stanley Black & DeckerDATE OF ISSUE:Jan.06, 2016STANDARD(S) TEST PROCEDURE(S)::REPORT VERSION::Attestation of Compliance Test Procesure::COUPLIANCE TEST PROCEDURE (S)::COUPLIANCE TEST PROCEDURE (S)::	BRAND NAME	: DeWalt
CLIENT : Stanky Black & Decker   DATE OF ISSUE : Jan.06, 2016   STANDARD(S) TEST PROCEDURE(S) REPORT VERSION : FCC Part 15 Rules   Attestation of Globert : V1.0   Attestation of Globert : Compliance (Shenzhen) Co., Ltd   Image: Compliance (Shenzhen) Co., Ltd :   CAUTION: : :	MODEL NAME	: DCT410, DCT411, DCT412
DATE OF ISSUE : Jan.06, 2016   STANDARD(S) TEST PROCEDURE(S) : FCC Part 15 Rules   REPORT VERSION : V1.0   Attestation of Global Compliance (Shenzhen) Co., Ltd   Image: Control of Contro of Control of C	CLIENT	: Stanley Black & Decker
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CAUTION:	<u>Attestation of </u> G	obal Compliance and Compliance and Compliance (Shenzhen) Co., Ltd
	CAUTION:	

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# **Report Revise Record**

<b>Report Version</b>	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jan.06, 2016	Valid	Original Report

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Applicant	Stanley Black & Decker	
Address	701 E. Joppa Road, Towson, MD-21286 USA.	
Manufacturer	ShenZhen Gospell Smarthome Electronic Co., Ltd.	
Address	East of 01st-04st Floor, Block A, No.1 Industrial park, Fenghuanggang, South on No.1 Baotian Road, Xixiang street, Bao'an District, Shenzhen City, Guangdong Province 518126, P.R.China	
Product Designation	2.4GHz Wireless Inspection Camera	
Brand Name	DeWalt	
Test Model	DCT410	
Series Model	DCT411, DCT412	
Model Difference	All the same except for the model name and color.	
Date of test	Dec.27, 2015 to Jan.05, 2016	
Deviation	None	
Condition of Test Sample	Normal	
Report Template	AGCRT-US-BR/RF	

# **1. VERIFICATION OF CONFORMITY**

We hereby certify that:

The above equipment was tested by Dongguan Precise Testing Service Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4 (2009) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC Rules Part 15.249.

Mox 2 Tested by Max Zhang(Zhang Yi) Jan.06, 2016 Reviewed by Rock Huang(Huang Dinglue) Jan.06, 2016 Approved by Solger Zhang(Zhang Hongyi) Jan.06, 2016 Authorized Officer

# 2. GENERAL INFORMATION

## 2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

Operation Frequency	2468MHz
Maximum field strength	86.27dBuV(AV)@3m
Modulation	FM
Number of channels	1
Hardware Version	GB8808M05
Software Version	V1507020
Antenna Designation	Fixed Antenna
Antenna Gain	2dBi
Power Supply	DC12V by battery

## **3. MEASUREMENT UNCERTAINTY**

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

No.	Item	Uncertainty
1	Conducted Emission Test	±3.18dB
2	All emissions, radiated	±3.91dB
3	Temperature	±0.5°C
4	Humidity	±2%

## 4. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION			
1	Transmitting mode			
Note:	Note:			
1. All the test modes can be supply by battery, only the result of the worst case was recorded in the				
report, if no other cases.				
2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.				

3. The EUT used fully-charged battery when tested.

## **5. SYSTEM TEST CONFIGURATION**

### 5.1. CONFIGURATION OF EUT SYSTEM

Configure :



## 5.2. EQUIPMENT USED IN EUT SYSTEM

ltem	Equipment	Model No.	ID or Specification	Remark
1	2.4GHz Wireless Inspection	N/A	DCT410	EUT
2	Battery	N/A	DCB127	AE
3	Monitor	N/A	N/A	AE
4	Camera with LED	N/A	N/A	AE

## 5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
§15.249	Radiated Emission	Compliant
§15.249	Band Edges	Compliant
§15.215	20dB bandwidth	Compliant
§15.207	Conducted Emission	N/A(See note)

Note: No direct/indirect connection to AC mains, battery is charged separately

## 6. TEST FACILITY

Site	Dongguan Precise Testing Service Co., Ltd.		
Location	Building D, Baoding Technology Park,Guangming Road2, Dongcheng District, Dongguan, Guangdong, China.		
FCC Registration No.	371540		
Description	The test site is constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2009.		

#### ALL TEST EQUIPMENT LIST

Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI Test Receiver	Rohde & Schwarz	ESCI	101417	July 4, 2015	July 3, 2016
Trilog Broadband Antenna (25M-1GHz)	SCHWARZBECK	VULB9160	9160-3355	July 4, 2015	July 3, 2016
Signal Amplifier	SCHWARZBECK	BBV 9475	9745-0013	July 4, 2015	July 3, 2016
RF Cable	SCHWARZBECK	AK9515E	96221	July 4, 2015	July 3, 2016
3m Anechoic Chamber	CHENGYU	966	PTS-001	June 6, 2015	June 5, 2016
MULTI-DEVICE Positioning Controller	Max-Full	MF-7802	MF780208339	N/A	N/A
Active loop antenna (9K-30MHz)	Schwarzbeck	FMZB1519	1519-038	June 6, 2015	June 5, 2016
Spectrum analyzer	Agilent	E4407B	MY46185649	June 6, 2015	June 5, 2016
Horn Antenna (1G-18GHz)	SCHWARZBECK	BBHA9120D	9120D-1246	June 6, 2015	June 5, 2016
Horn Ant (18G-40GHz)	Schwarzbeck	BBHA 9170	9170-181	June 6, 2015	June 5, 2016
Temporary antenna connector	Sat	CE001	001	June 6, 2015	June 5, 2016

## 7. RADIATED EMISSION

#### 7.1TEST LIMIT

## Standard FCC15.249

Fundamental Frequency	Field Strength of Fundamental	Field Strength of Harmonics	
	(millivolts/meter)	(microvolts/meter)	
900-928MHz	50	500	
2400-2483.5MHz	50	500	
5725-5875MHz	50	500	
24.0-24.25GHz	250	2500	

#### Standard FCC 15.209

Frequency	Distance	Field Strengths Limit				
(MHz)	Meters	μ V/m	dB(µV)/m			
0.009 ~ 0.490	300	2400/F(kHz)				
0.490 ~ 1.705	30	24000/F(kHz)				
1.705 ~ 30	30	30				
30 ~ 88	3	100	40.0			
88 ~ 216	3	150	43.5			
216 ~ 960	3	200	46.0			
960 ~ 1000	3	500	54.0			
Above 1000	3	Other:74.0 dB(µV)/m (Peak) 54.0 dB(µV)/m (Average)				
Remark: (1) Emission level dB $\mu$ V = 20 log Emission level $\mu$ V/m						
(2) The smaller limit shall apply at the cross point between two frequency bands.						

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

### 7.2. MEASUREMENT PROCEDURE

- 1. Configure the EUT according to ANSI C63.4. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High - Low scan is not required in this case.

The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
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
Start Stop Eroquopov	1GHz~26.5GHz
Start ~Stop Flequency	1MHz/1MHz for Peak, 1MHz/10Hz for Average

Receiver Parameter	Setting
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

### 7.3. TEST SETUP

Radiated Emission Test-Setup Frequency Below 30MHz



#### RADIATED EMISSION TEST SETUP 30MHz-1000MHz



## RADIATED EMISSION TEST SETUP ABOVE 1000MHz



## 7.4. TEST RESULT

#### **RADIATED EMISSION BELOW 30MHZ**

No emission found between lowest internal used/generated frequencies to 30MHz.

#### **RADIATED EMISSION 30MHz- 1GHZ**

EUT :	2.4GHz Wireless Inspection Camera	Model Name. :	DCT410
Temperature :	<b>20</b> °C	Relative Humidtity :	48%
Pressure :	1010 hPa	Test Voltage :	DC12V
Test Mode :	Mode 1	Polarization :	Horizontal



Eroo		. /8	<b>01.1</b> -2
FLEO	nenc		лни
	100110		

No.	Freq MHz	Cable Loss dB	ANT Factor dB/m	Receiver Reading dBuV	Preamp Factor dB	Emission Le∨el dBuV/m	Limit dBuV/m	O∨er Limit dB	Remark
1.	57.392	1.64	12.03	31.59	30.20	15.06	40.00	-24.94	Peak
2.	83.816	1.99	8.70	39.58	30.33	19.94	40.00	-20.06	Peak
3.	180.017	2.68	12.44	42.14	30.59	26.67	43.50	-16.83	Peak
4.	197.893	2.76	10.53	42.21	30.63	24.87	43.50	-18.63	Peak
5.	263.819	3.02	12.26	39.39	30.73	23.94	46.00	-22.06	Peak
6.	432.546	3.47	16.02	41.97	30.90	30.56	46.00	-15.44	Peak

**RESULT: PASS** 

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EUT :	2.4GHz Wireless Inspection Camera	Model Name. :	DCT410
Temperature :	<b>20</b> °C	Relative Humidtity :	48%
Pressure :	1010 hPa	Test Voltage :	DC12V
Test Mode :	Mode 1	Polarization :	Vertical



No.	Freq MHz	Cable Loss dB	ANT Factor dB/m	Receiver Reading dBuV	Preamp Factor dB	Emission Le∨el dBuV/m	Limit dBuV/m	O∨er Limit dB	Remark
1.	61.346	1.70	12.08	35.49	30.22	19.05	40.00	-20.95	Peak
2.	85.898	2.01	8.79	39.93	30.34	20.39	40.00	-19.61	Peak
3.	110.569	2.24	11.13	35.75	30.42	18.70	43.50	-24.80	Peak
4.	167.824	2.61	13.45	32.83	30.57	18.32	43.50	-25.18	Peak
5.	393.472	3.39	15.18	38.37	30.87	26.07	46.00	-19.93	Peak
6.	432.546	3.47	16.02	44.81	30.90	33.40	46.00	-12.60	Peak

#### **RESULT: PASS**

#### Note:

Factor=Antenna Factor + Cable loss, Margin=Result-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

EUT :	2.4GHz Wireless Inspection Camera	Model Name. :	DCT410
Temperature :	<b>20</b> °C	Relative Humidtity :	48%
Pressure :	1010 hPa	Test Voltage :	DC12V
Test Mode :	Mode 1	Polarization :	Horizontal

## **RADIATED EMISSION ABOVE 1GHZ**

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin		
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
2468.013	105.74	-9.37	96.37	114	-17.63	peak	
2468.013	95.64	-9.37	86.27	94	-7.73	AVG	
4936.026	51.67	3.74	55.41	74	-18.59	peak	
4936.026	41.63	3.74	45.37	54	-8.63	AVG	
7404.039	44.37	8.14	52.51	74	-21.49	peak	
7404.039	34.33	8.14	42.47	54	-11.53	AVG	
Remark:							
Factor = Ante	Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT :	2.4GHz Wireless Inspection Camera	Model Name. :	DCT410
Temperature :	<b>20</b> °C	Relative Humidtity :	48%
Pressure :	1010 hPa	Test Voltage :	DC12V
Test Mode :	Mode 1	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin			
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type		
2468.013	102.71	-9.37	93.34	114	-20.66	peak		
2468.013	93.04	-9.37	83.67	94	-10.33	AVG		
4936.026	49.48	3.74	53.22	74	-20.78	peak		
4936.026	38.99	3.74	42.73	54	-11.27	AVG		
7404.039	42.21	8.14	50.35	74	-23.65	peak		
7404.039	7404.039 33.02 8.14 41.16 54 -12.84 AVG							
Remark:								
Factor = Ante	Factor = Antenna Factor + Cable Loss – Pre-amplifier.							

Note: Other emission from 8G to 25 GHz are considered as ambient noise. No recording in the test report. Factor=Antenna Factor + Cable loss - Amplifier gain, Margin=Measurement-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

## 8. BAND EDGE EMISSION

## 8.1. MEASUREMENT PROCEDURE

1. The EUT operates at transmitting mode. The operate channel is tested to verify the largest transmission and spurious emissions power at the continuous transmission mode.

2. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission: (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO

(b) AVERAGE: RBW=1MHz ; VBW=1/on time(1KHz) / Sweep=AUTO

3. Other procedures refer to clause 7.2.

## 8.2 TEST SETUP



#### **8.3 RADIATED TEST RESULT**

#### Note:

1. Factor=Antenna Factor + Cable loss - Amplifier gain. Field Strength=Factor + Reading level

2. The factor had been edited in the "Input Correction" of the Spectrum Analyzer. So the Amplitude of test plots is equal to Reading level plus the Factor in dB. Use the A dB( $\mu$ V) to represent the Amplitude. Use the F dB( $\mu$ V/m) to represent the Field Strength. So A=F.

3. Only one point outside the 2400-2483.5MHz has been recorded in the table, other frequencies are deemed to comply with the requirement according to the test plots.

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#### Mode 1- Horizontal

Amplitude dB(µV)	dB(µV/m)	dB(µV/m)	Remark
44.472	44.472	74	Peak
32.614	32.614	54	Average
	Amplitude dB(μV) 44.472 32.614	Amplitude dB(μV)   dB(μV/m)     44.472   44.472     32.614   32.614	Amplitude dB(μV)   Heid Strength   Linit     44.472   44.472   dB(μV/m)     32.614   32.614   54

PK Value

Agilent Spectrum Analyzer - Swept SA				- 0
arker 2 2.4000000000000	) GHz PNO: Feet Trig: Free Rur	Avg Type: Log-Pwr AvglHold:>100/100	TRACE 1 2 3 4 5 6 TYPE M WWWWW	Peak Search
dB/div Ref 106.99 dBu	IFGain:Low #Atten: 10 dB	Mkr2	2.400 000 GHz 44.472 dBµV	NextPea
9 0.0				Next Pk Rig
7.0 7.0				Next Pk L
7.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	an - an ann an	half the formation of the formation of the second		Marker Do
art 2.38000 GHz Res BW 1.0 MHz	#VBW 1.0 MHz	Sweep 1.	Stop 2.47500 GHz 000 ms (1001 pts)	Mkr⊸
R MODE TRC SCL X N 1 f 2.47 N 1 f 2.40	0 060 GHz 96.363 dBμV 0 000 GHz 44.472 dBμV	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Mkr→Ref
				м
	m			

## AV Value

Agilent Spectrum Analyzer - Swept SA				- J ×
Marker 2 2.40000000000000000000000000000000000	CHz PNO: Fast Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 4/100	TRACE 123456 TYPE MWWWWW DET P NNNNN	Peak Search
10 dB/div Ref 106.99 dBµV	Watten: To dB	Mkr2	2.400 000 GHz 32.614 dBµV	Next Peak
97.0 87.0 77.0				Next Pk Right
67.0 57.0 47.0				Next Pk Left
37.0 27.0 17.0				Marker Delta
Start 2.38000 GHz     #Res BW 1.0 MHz     MKR MODE TRC SCL   X	#VBW 10 Hz	Sweep	Stop 2.47500 GHz 7.408 s (1001 pts)	Mkr→CF
1   N   1   f   2,468     2   N   1   f   2,468     3   -   -   -   -     4   -   -   -   -   -     5   -   <	3 350 GHz 86.440 dBµV 000 GHz 32.614 dBµV		E	Mkr→RefLvl
7   8     9   10     11   11				More 1 of 2
MSG		STATUS	5	

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Mode 1- Vertical

Frequency MHz	Amplitude dB(µV)	Field Strength dB(µV/m)	Limit dB(µV/m)	Remark
2400	44.384	44.384	74	Peak
2400	32.601	32.601	54	Average

PK Value

- 0 ×								- Swept SA	ctrum Analyze	📕 Agilent Spe
Peak Search	DE 123456 PE MWWWW	TRAC	pe: Log-Pwr d:>100/100	Avg T AvgIH	e Run	SE Trig: Fre	GHz	50 Ω DC 00000000	RF 2.4000	<mark>x</mark> Marker 2
Next Peak	00 GHz 4 dBµV	2.400 0 44.38	Mkr2		10 dB	#Atten: 1	IFGain:Low	.99 dBµV	Ref 10	10 dB/div
Next Pk Right										97.0 97.0 87.0
Next Pk Left		لم مراجع						2		77.0 67.0 57.0
Marker Delta		udr <sup>and</sup>	alay ang sayon yang sayon sana	Maalemenenn	the second	a				47.0
Mkr→CF	7500 GHz 1001 pts)	Stop 2.4 .000 ms (	Sweep 1.	UNCTION	2	V 1.0 MHz	#VE		3000 GH: 1.0 MHz	Start 2.38 #Res BW
Mkr→RefLvl	=	10101			BμV BμV	93.473 dE 44.384 dE	060 GHz 000 GHz	2.470 2.400	f	1 N 1 2 N 3 3 4 5
More 1 of 2										6 7 8 9 10
	ł		STATUS							4

#### AV Value



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Mode 3- Horizontal

Frequency MHz	Amplitude dB(µV)	Field Strength dB(µV/m)	Limit dB(µV/m)	Remark
2483.5	43.820	43.820	74	Peak
2483.5	32.710	32.710	54	Average

ent Sp Ker 2 2.483500000000 GHz PNO: Fast C Trig: Free Run IFGainLow #Atten: 10 dB Peak Search Avg Type: Log-Pwr Avg|Hold:>100/100 TYPE MWWWW DET PNNNN Next Pea Mkr2 2.483 50 GHz 43.820 dBµV Ref 106.99 dBµV /div Next Pk Righ Next Pk Left ١ Marker Delta Stop 2.50000 GHz Sweep 1.000 ms (1001 pts) Start 2.46000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Mkr→CF 2.470 08 GHz 2.483 50 GHz 96.379 dBµV 43.820 dBµV 1 Mkr→RefLvl More 1 of 2 STATUS

PK Value





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Mode 3- Vertical

Frequency MHz	Amplitude dB(µV)	Field Strength dB(µV/m)	Limit dB(µV/m)	Remark
2483.5	43.836	43.836	74	Peak
2483.5	32.689	32.689	54	Average



PK Value

AV Value



## 9. 20DB BANDWIDTH

## 9.1. MEASUREMENT PROCEDURE

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 3. Set SPA Centre Frequency = Operation Frequency, RBW= 100 KHz, VBW $\ge$ 3×RBW.
- 4. Set SPA Trace 1 Max hold, then View.

## 9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)



#### 9.3. MEASUREMENT RESULTS

TEST ITEM	20DB BANDWIDTH
TEST MODE	Mode1

Test Data (MHz)	Criteria	
Operating Channel	4.906	PASS



#### TEST PLOT OF BANDWIDTH



APPENDIX A: PHOTOGRAPHS OF TEST SETUP

RADIATED EMISSION TEST SETUP ABOVE 1GHz





## APPENDIX B: PHOTOGRAPHS OF EUT

ALL VIEW OF EUT

#### TOP VIEW OF EUT



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BOTTOM VIEW OF EUT

FRONT VIEW OF EUT





BACK VIEW OF EUT

LEFT VIEW OF EUT





**RIGHT VIEW OF EUT** 

OPEN VIEW OF EUT





INTERNAL VIEW OF EUT-1

INTERNAL VIEW OF EUT-2



----END OF REPORT----