

Products

Prüfbericht - Nr.:

50045654 001

Test Report No.

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Shenzhen EMTEK Co., Ltd.

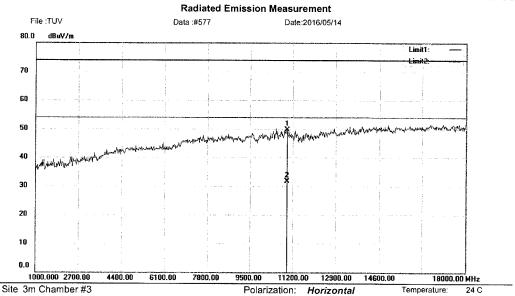
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

Operator: KK

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:DQPSK 2402

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height		
		MHz	dBu∀	dB	dBuV/m	dBuV/m	dΒ	Detector	cm	degree	Comment
1		10979.00	53.87	-4.24	49.63	74.00	-24.37	peak	PARKET TO SEE SEE	0	20.2
2	*	10979.00	36.04	-4.24	31.80	54.00	-22.20	AVG		0	

Power: AC 120V/60Hz



Products

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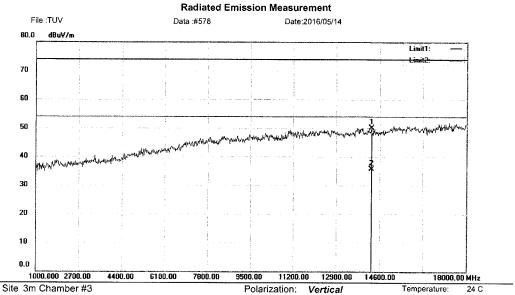
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100

Mode:DQPSK 2402

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		14260.00	46.64	3.50	50.14	74.00	-23.86	peak		0	wante -
2		14260.00	32.30	3.50	35.80	54.00	-18.20	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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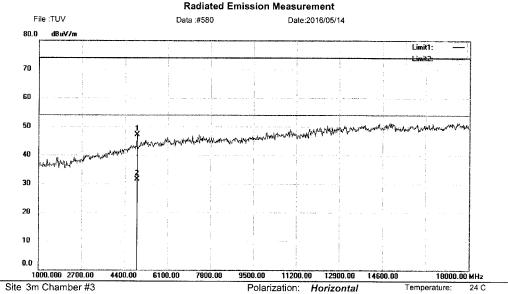
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Humidity:

Operator: KK

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: DQPSK 2441

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∀	₫B	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4876.000	62.43	-15.28	47.15	74.00	-26.85	peak		0	
2	*	4876.000	46.88	-15.28	31.60	54.00	-22.40	AVG		0	

Power: AC 120V/60Hz



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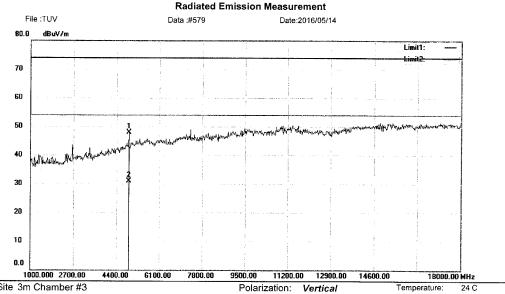
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100

Mode:DQPSK 2441

Note:

No.		c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height			
		MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1		4876.000	63.10	-15.28	47.82	74.00	-26.18	peak		0		
2	*	4876.000	46.28	-15.28	31.00	54.00	-23.00	AVG		0		

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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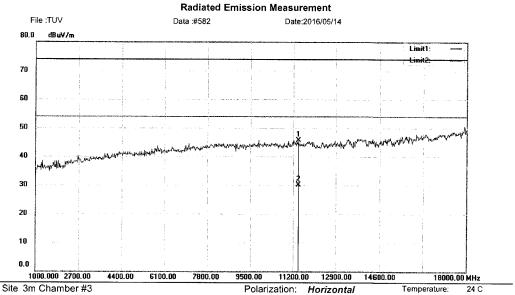
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: DQPSK 2480

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		11404.00	49.45	-3.70	45.75	74.00	-28.25	peak		0	
2	*	11404.00	33.90	-3.70	30.20	54.00	-23.80	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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Operator:

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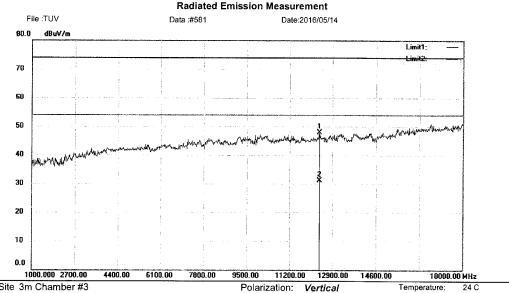
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Humidity:



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:DQPSK 2480

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		12390.00	50.00	-2.08	47.92	74.00	-26.08	peak	-	0	
2	*	12390.00	33.28	-2.08	31.20	54.00	-22.80	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

Operator:

File:TUV\Data:#581



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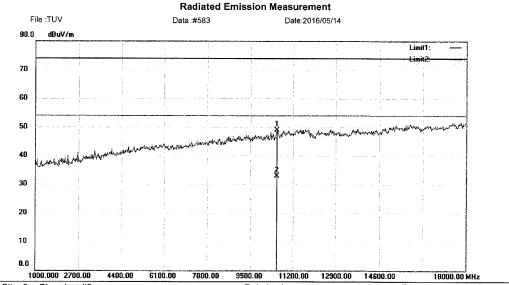
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Site 3m Chamber #3 Limit: (RE)FCC PART 15 C Polarization: *Horizontal* Power: AC 120V/60Hz Temperature: 24 C

53 %

Humidity:

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2402

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dΒ	Detector	cm	degree	Comment
1		10554.00	54.40	-5.55	48.85	74.00	-25.15	peak		0	
2	*	10554.00	38.45	-5.55	32.90	54.00	-21.10	AVG		0	

*:Maximum data x:Over limit !:over margin

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Operator:



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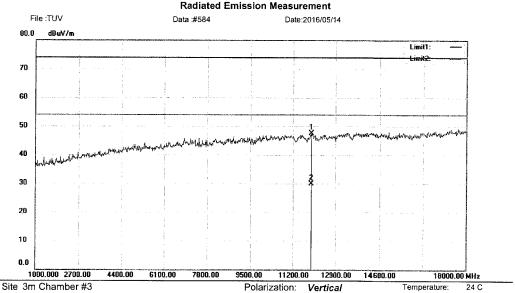
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Humidity:



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2402

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		11931.00	50.52	-3.07	47.45	74.00	-26.55	peak	12.00	0	
2	*	11931.00	33.07	-3.07	30.00	54.00	-24.00	AVG		0	

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Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#584

Operator:



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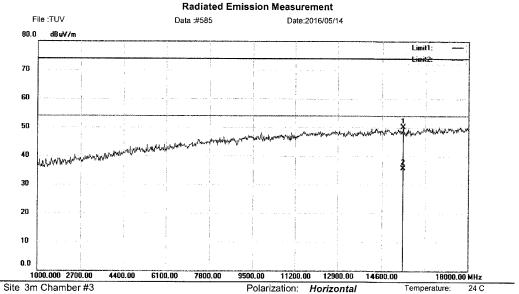
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2441

Note:

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	dΒ	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		154	16.00	49.14	0.89	50.03	74.00	-23.97	peak	-	0	
2	*	154	16.00	34.91	0.89	35.80	54.00	-18.20	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#585

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Operator:



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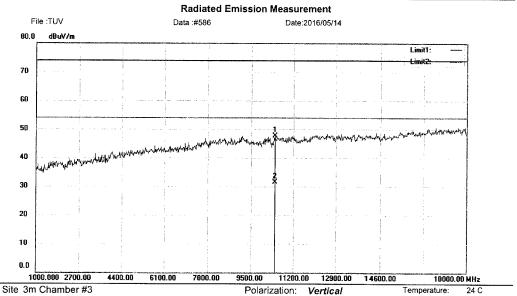
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Humidity:



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2441

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10452.00	53.52	-5.86	47.66	74.00	-26.34	peak		0	
2	*	10452.00	37.36	-5.86	31.50	54.00	-22.50	AVG	-	0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

Operator:

File:TUV\Data:#586



Products

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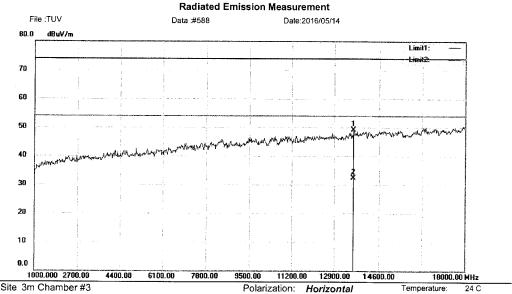
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Humidity:

Operator: XLX



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2480

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	ďΒ	dBuV/m	dBuV/m	₫B	Detector	cm	degree	Comment
1		13665.00	45.46	3.57	49.03	74.00	-24.97	peak		0	
2	*	13665.00	28.83	3.57	32.40	54.00	-21.60	AVG	MAX.	0	

Power: AC 120V/60Hz



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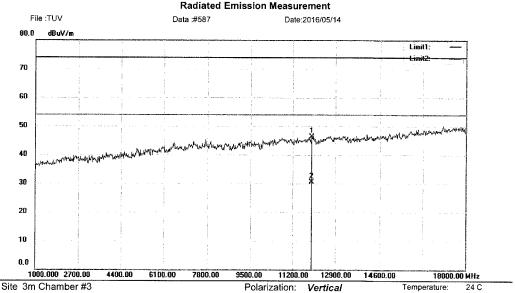
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Humidity:

Operator: XLX

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2480

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		11965.00	48.24	-1.97	46.27	74.00	-27.73	peak	·	0	
2	*	11965.00	32.57	-1.97	30.60	54.00	-23.40	AVG		0	

Power: AC 120V/60Hz



Products

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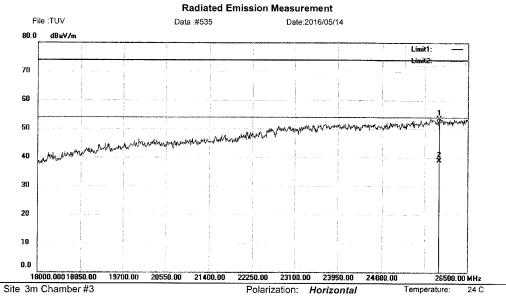
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:GFSK 2402

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1		25939.00	89.46	-35.86	53.60	74.00	-20.40	peak		0	10-20	
2	*	25939.00	74.76	-35.86	38.90	54.00	-15.10	AVG		0	******	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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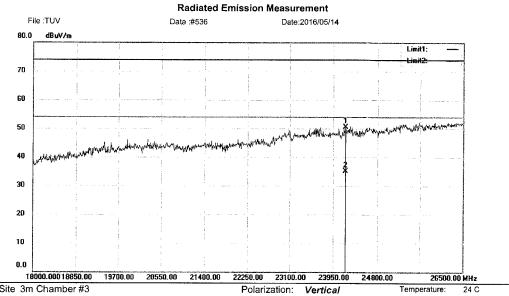
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Humidity:

Operator: KK

53 %



Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:GFSK 2402

Note:

Reading Correct Measure-Antenna Table No. Mk. Freq. Level Factor Limit Over Height Degree ment MHz dBuV dB dBuV/m dBuV/m dΒ Detector degree Comment 24196.50 87.52 -37.11 50.41 74.00 -23.59 0 peak 24196.50 72.21 -37.11 35.10 54.00 -18.90 AVG 0

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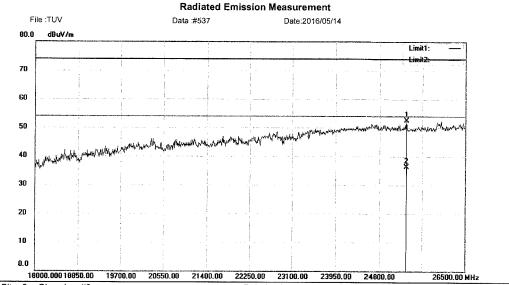
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Site 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C EUT: MID Power: AC 120V/60Hz

Humidity: 53 %

Operator: KK

M/N: NS-P10A7100

M/N: NS-P10A/10

Mode: GFSK 2441

Note:

No.	М	lk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height			
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1		25	335.50	89.20	-36.60	52.60	74.00	-21.40	peak		0		
2	*	25	335.50	73.00	-36.60	36.40	54.00	-17.60	AVG		0		



Products

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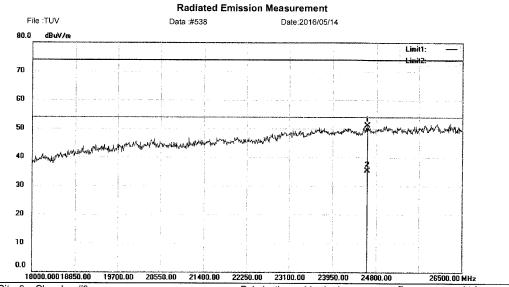
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Site 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C EUT: MID

Power: AC 120V/60Hz

Humidity: 53 %

M/N: NS-P10A7100

Mode:GFSK 2441

Note:

No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		24621.50	88.19	-37.06	51.13	74.00	-22.87	peak		0	1 - 11 N 1 - 1
2	*	24621.50	72.46	-37.06	35.40	54.00	-18.60	AVG		0	

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Shenzhen EMTEK Co., Ltd.

Polarization: Horizontal

Power: AC 120V/60Hz

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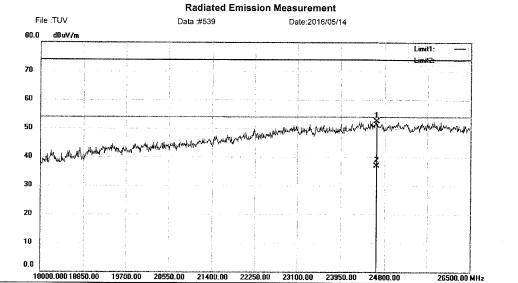
Temperature:

Humidity:

Operator: KK

24 C

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: GFSK 2480

Note:

No.	М	k. Fre	q.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz		dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		24647.0	0	89.55	-37.05	52.50	74.00	-21.50	peak	****	0	
2	*	24647.0	0	73.95	-37.05	36.90	54.00	-17.10	AVG		0	



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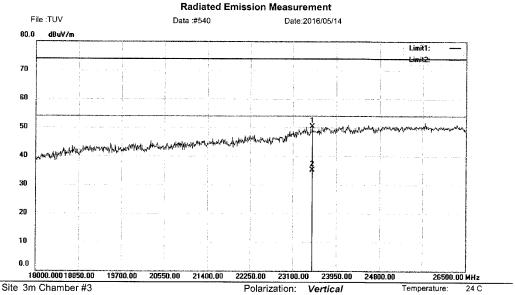
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: GFSK 2480

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height		
	22	MHz	dBu∨	₫B	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23474.00	87.98	-37.68	50.30	74.00	-23.70	peak		0	
2	*	23474.00	72.78	-37.68	35.10	54.00	-18.90	AVG		0	

Power: AC 120V/60Hz

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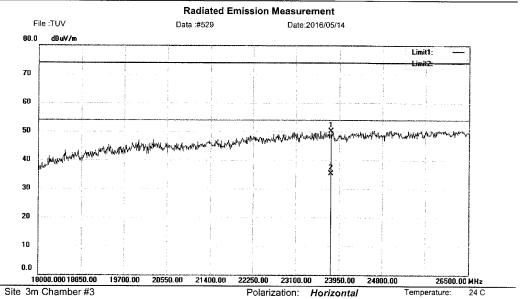
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Humidity:

53 %



Limit: (RE)FCC PART 15 C

EUT: MID M/N: NS-P10A7100 Mode:DQPSK 2402

Note:

No.	MI	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height		
		MHz	₫BuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23788.50	87.45	-37.35	50.10	74.00	-23.90	peak		0	
2	*	23788.50	72.75	-37.35	35.40	54.00	-18.60	AVG		0	

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Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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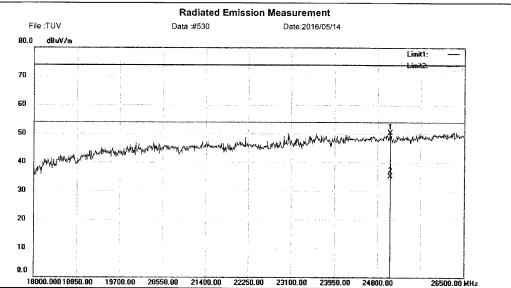


Temperature:

Humidity:

24 C

53 %



Polarization: Vertical

Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:DQPSK 2402

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		25055.00	87.33	-36.94	50.39	74.00	-23.61	peak		0	1,200
2	*	25055.00	72.14	-36.94	35.20	54.00	-18.80	AVG		0	

*:Maximum data x:Over limit !:over margin

File: TUV\Data:#530

Page: 1



Products

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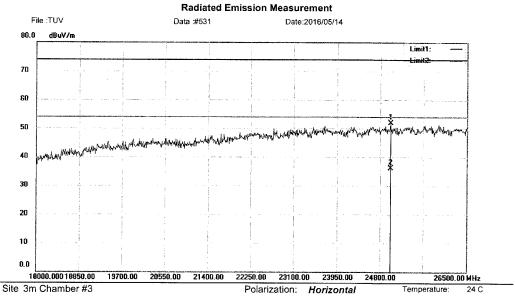
Test Report No.

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:DQPSK 2441

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		25004.00	88.84	-37.01	51.83	74.00	-22.17	peak		0	
2	*	25004.00	73.11	-37.01	36.10	54.00	-17.90	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#531

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Products

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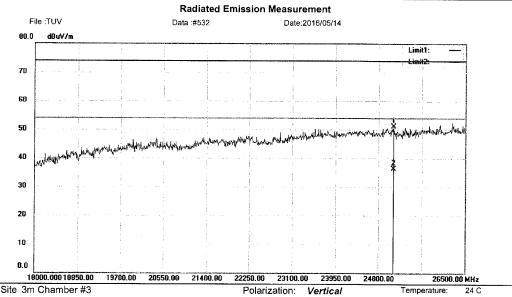
Shenzhen EMTEK Co., Ltd. Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID M/N: NS-P10A7100 Mode:DQPSK 2441 Note:

No.	Mi	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		25097.50	87.98	-36.89	51.09	74.00	- 22.91	peak		0	1 7 7 8 8 1
2	*	25097.50	73.29	-36.89	36.40	54.00	-17.60	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#532

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Products

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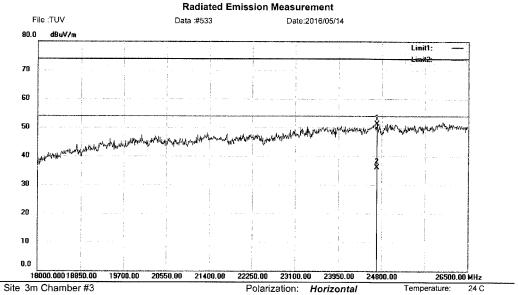
Test Report No.

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:DQPSK 2480

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			Table Degree	
		MHz	dBu√	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		24698.00	88.41	-37.05	51.36	74.00	- 22.64	peak		0	
2	*	24698.00	73.25	-37.05	36.20	54.00	-17.80	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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Produkte Products

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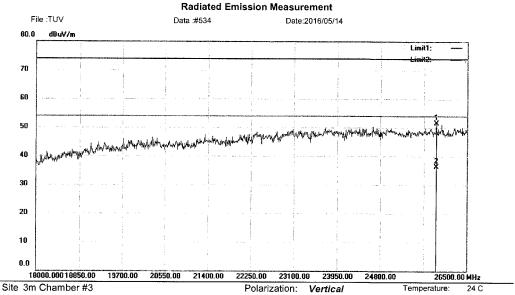
Shenzhen EMTEK Co., Ltd.

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:DQPSK 2480

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			Table Degree	
		MHz	dBu√	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		25888.00	87.42	-35.93	51.49	74.00	-22.51	peak		0	1-72
2	*	25888.00	72.33	-35.93	36.40	54.00	-17.60	AVG		0	***************************************

Page: 1

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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Products

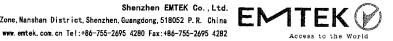
Prüfbericht - Nr.:

Test Report No.

50045654 001

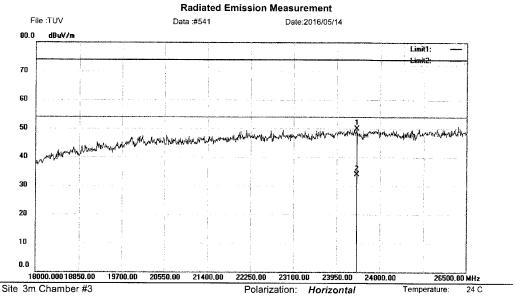
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2402

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		24349.50	86.90	-37.09	49.81	74.00	-24.19	peak		0	
2	*	24349.50	70.99	-37.09	33.90	54.00	-20.10	AVG		0	

Page: 1

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data: #541



Products

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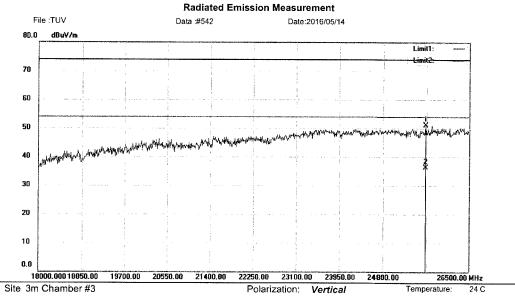
Shenzhen EMTEK Go., Ltd. Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2402

Note:

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		25	633.00	87.32	-36.24	51.08	74.00	-22.92	peak		0	
2	*	25	633.00	72.64	-36.24	36.40	54.00	-17.60	AVG	*	0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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Products

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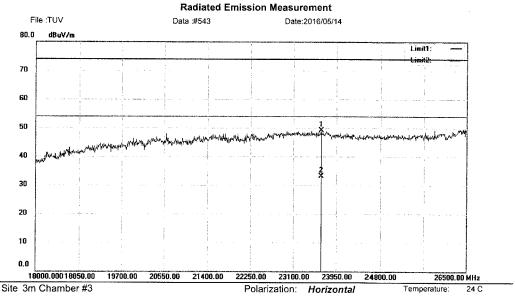
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2441

Note:

No.	МІ	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23644.00	86.54	-37.50	49.04	74.00	-24.96	peak	***	0	
2	*	23644.00	70.70	-37.50	33.20	54.00	-20.80	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#543

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Products

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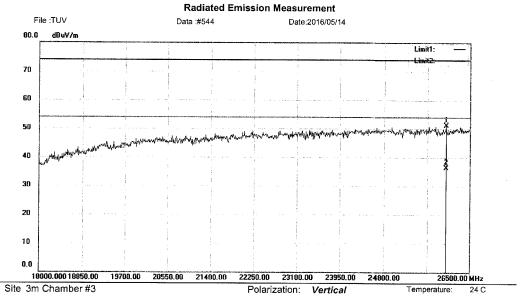
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2441

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height		
		MHz	dBu∨	dB	dBuV/m	dBuV/m	dВ	Detector	cm	degree	Comment
1		26024.00	86.78	-35.76	51.02	74.00	-22.98	peak		0	
2	*	26024.00	72.16	-35.76	36.40	54.00	-17.60	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data: #544

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Products

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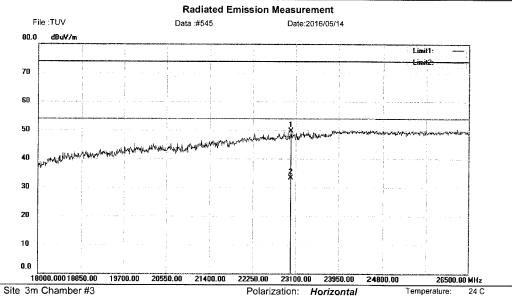
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2480

Note:

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree		
			MHz	dBuV	dΒ	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1		23	006.50	87.89	-38.17	49.72	74.00	-24.28	peak		0		
2	*	23	006.50	71.57	-38.17	33.40	54.00	-20.60	AVG	***************************************	0		

Power: AC 120V/60Hz



Products

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Test Report No.

Shenzhen EMTEK Co., Ltd.

Power: AC 120V/60Hz

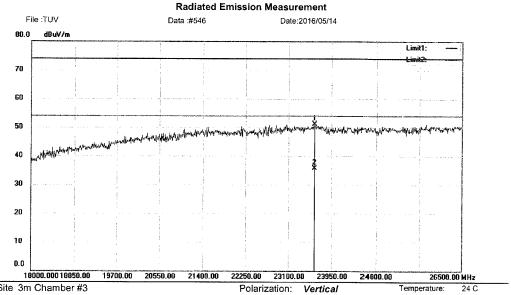
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Humidity:

Operator: KK

53 %



Site 3m Chamber #3

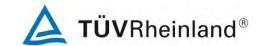
Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2480

Note:

No.	Mi	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23618.50	88.71	-37.53	51.18	74.00	-22.82	peak		0	1-2-2-12
2	*	23618.50	73.33	-37.53	35.80	54.00	-18.20	AVG		0	



Products

Prüfbericht - Nr.:

Test Report No.

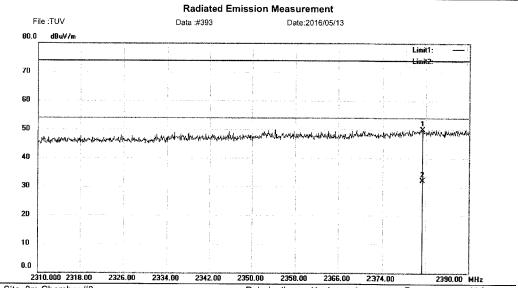
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Test Plot of Band Edge of BDR & EDR

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Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

Polarization: Horizontal

Power: AC 120V/60Hz

Temperature:

Humidity:

24 C

53 %

EUT: MID

M/N: NS-P08A7100 Mode: GFSK 2402

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2381.360	34.93	14.96	49.89	74.00	-24.11	peak			
2	*	2381.360	17.14	14.96	32.10	54.00	-21.90	AVG			

*:Maximum data

File: TUV\Data:#393

x:Over limit !:over margin

Operator: KK

Page: 1



Products

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Test Report No.

Shenzhen EMTEK Co., Ltd.

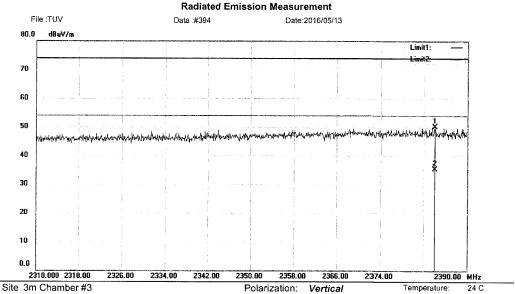
Power: AC 120V/60Hz

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:GFSK 2402

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	₫B	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2384.080	35.12	14.99	50.11	74.00	-23.89	peak	_		
2	*	2384.080	20.41	14.99	35.40	54.00	-18.60	AVG		J-1000	



Products

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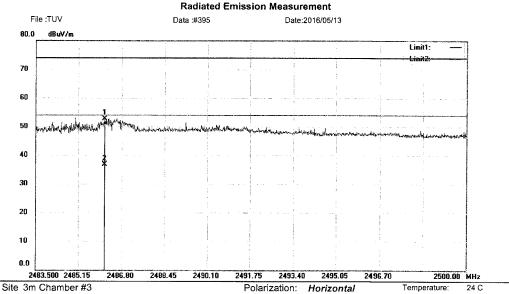
Test Report No.

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode: GFSK 2480

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.157	36.83	15.82	52.65	74.00	-21.35	peak		1 1000	
2	*	2486.157	20.98	15.82	36.80	54.00	-17.20	AVG			7,446

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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Page: 1



Products

Prüfbericht - Nr.:

50045654 001

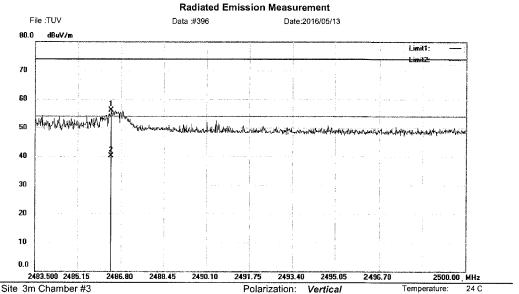
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Test Report No.

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Humidity:



Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:GFSK 2480

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.421	40.24	15.83	56.07	74.00	-17.93	peak			
2	*	2486.421	24.37	15.83	40.20	54.00	-13.80	AVG			

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#396

Page: 1



Products

Prüfbericht - Nr.:

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Shenzhen EMTEK Co., Ltd.

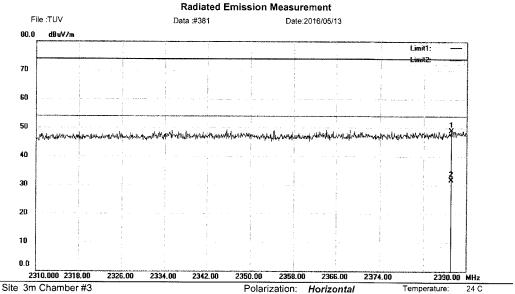
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Humidity:

Operator: KK

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:DQPSK 2402

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2387.120	33.94	15.01	48.95	74.00	-25.05	peak			
2	*	2387.120	16.69	15.01	31.70	54.00	-22.30	AVG			

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin File: TUV\Data:#381

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Products

Prüfbericht - Nr.:

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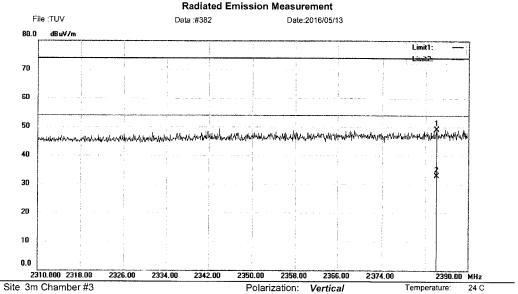
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:DQPSK 2402

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2384.080	34.12	14.99	49.11	74.00	-24.89	peak		****	-0.31
2	*	2384.080	17.91	14.99	32.90	54.00	-21.10	AVG		*****	1000

Power: AC 120V/60Hz

*:Maximum data

x:Over limit !:over margin

Page: 1

Operator: KK

File: TUV\Data:#382



Products

Prüfbericht - Nr.:

Test Report No.

50045654 001

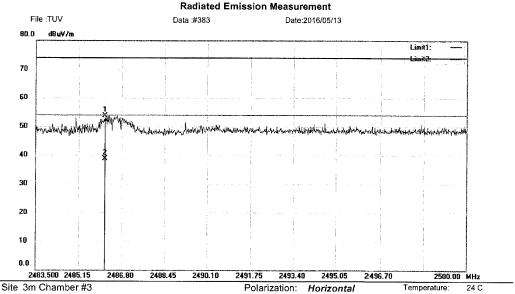
Seite 156 von 238 Page 156 of 238

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100

Mode:DQPSK 2480

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dΒ	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.157	37.83	15.82	53.65	74.00	-20.35	peak			W100 F.111
2	*	2486.157	22.88	15.82	38.70	54.00	-15.30	AVG			

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data:#383

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Products

Prüfbericht - Nr.:

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Test Report No.

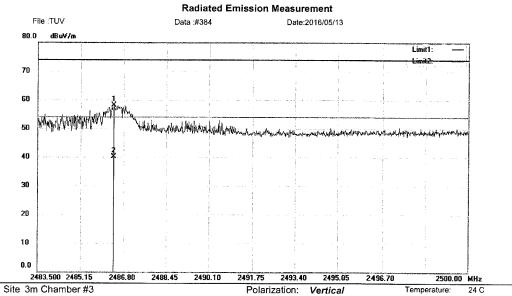
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode: DQPSK 2480

Note:

No.	М	κ. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.421	42.24	15.83	58.07	74.00	-15.93	peak	*******		
2	*	2486.421	24.27	15.83	40.10	54.00	-13.90	AVG			

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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Products

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Test Report No.

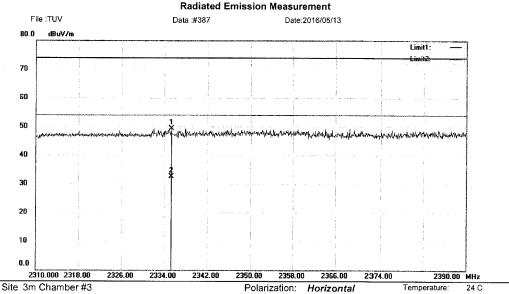
Shenzhen EMTEK Co., Ltd.

Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:8DPSK 2402

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dΒ	Detector	cm	degree	Comment
1		2335.280	34.78	14.58	49.36	74.00	-24.64	peak	***		
2	*	2335.280	18.02	14.58	32.60	54.00	-21.40	AVG			

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data:#387

Page: 1



Products

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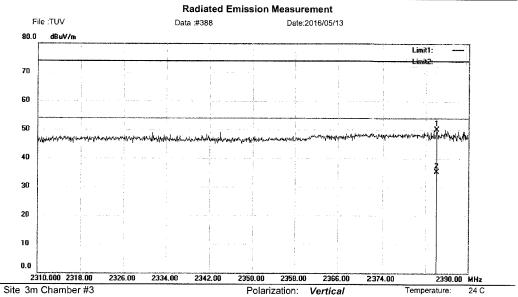
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100

Mode:8DPSK 2402

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2384.080	35.12	14.99	50.11	74.00	-23.89	peak			107300
2	*	2384.080	20.41	14.99	35.40	54.00	-18.60	AVG			*******

Power: AC 120V/60Hz



Products

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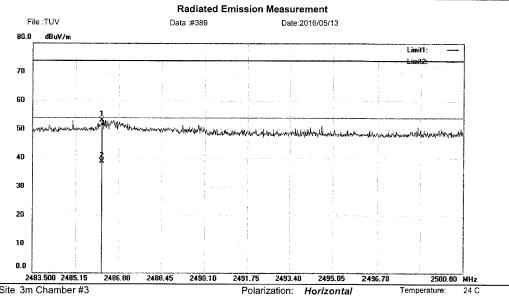
Shenzhen EMTEK Co., Ltd. Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China

www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:8DPSK 2480

Note:

No.	М	k. Fred	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.15	7 37.33	15.82	53.15	74.00	-20.85	peak			I I I PANA
2	*	2486.15	7 22.88	15.82	38.70	54.00	-15.30	AVG			

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#389

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Test Report No.

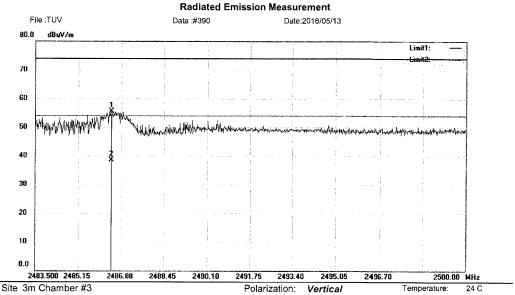
Shenzhen EMTEK Co., Ltd. Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

Power: AC 120V/60Hz



Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID M/N: NS-P08A7100

Mode:8DPSK 2480

Note:

No.	Mi	κ. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.421	39.74	15.83	55.57	74.00	-18.43	peak			
2	*	2486.421	22.77	15.83	38.60	54.00	-15.40	AVG			

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#390

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Products

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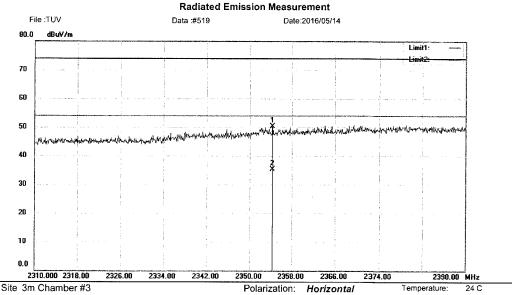
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:GFSK 2402

Note:

No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2354.320	35.64	14.74	50.38	74.00	-23.62	peak		0	
2	*	2354.320	20.66	14.74	35.40	54.00	-18.60	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#519

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Test Report No.

Shenzhen EMTEK Co., Ltd.

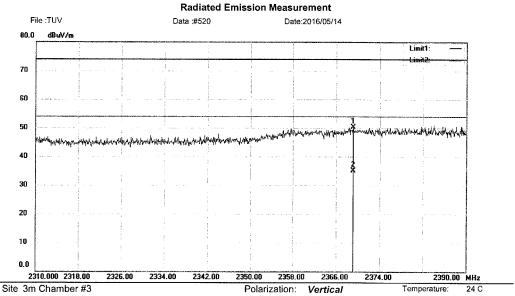
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

Power: AC 120V/60Hz



Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: GFSK 2402

Note:

No.	М	lk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23	69.120	35.36	14.86	50.22	74.00	-23.78	peak		0	
2	*	23	69.120	20.24	14.86	35.10	54.00	-18.90	AVG		0	

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#520

Page: 1



Products

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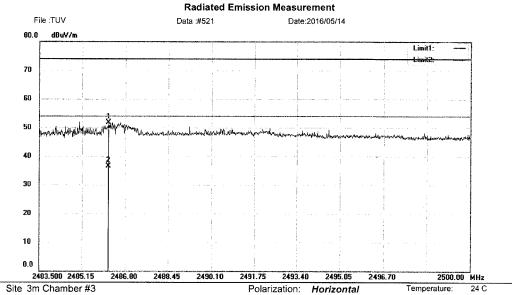
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: GFSK 2480

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	d₿	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.157	35.83	15.82	51.65	74.00	-22.35	peak		0	** - March
2	*	2486.157	20.68	15.82	36.50	54.00	-17.50	AVG		0	777AM

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data: #521

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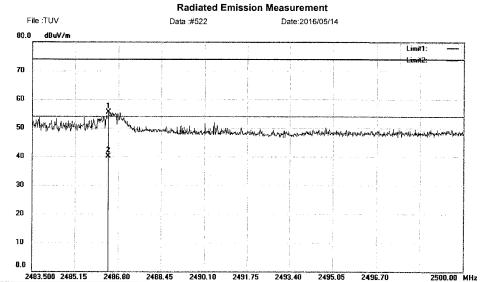


Temperature:

Humidity:

24 C

53 %



Polarization: Vertical

Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:GFSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dВ	Detector	cm	degree	Comment
1		2486.421	39.74	15.83	55.57	74.00	-18.43	peak	18	0	
2	*	2486.421	24.37	15.83	40.20	54.00	-13.80	AVG	*	0	

*:Maximum data x:Over limit !:over margin

File :TUV\Data :#522

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Products

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Shenzhen EMTEK Co., Ltd.

Polarization: Horizontal

Power: AC 120V/60Hz

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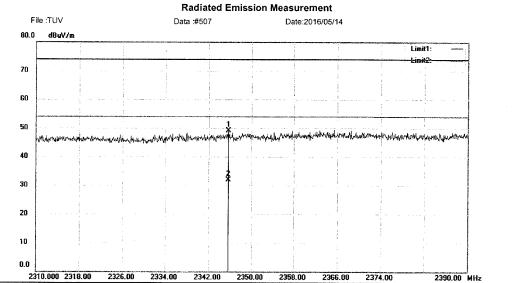


Temperature:

Humidity:

24 C

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:DQPSK 2402

Note:

No.	lo. Mk.	k. F	req.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		N	lHz	₫BuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2345.	680	34.50	14.66	49.16	74.00	-24.84	peak		0	
2	*	2345.	680	17.24	14.66	31.90	54.00	-22.10	AVG		0	

*:Maximum data

x:Over limit !:over margin

File :TUV\Data :#507

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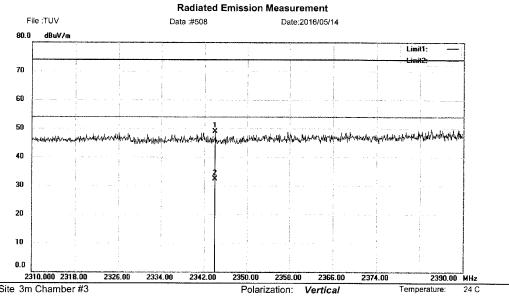
Test Report No.

Shenzhen EMTEK Co., Ltd. Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:DQPSK 2402

Note:

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2344.000	34.24	14.65	48.89	74.00	-25.11	peak		0	THE PARTY OF THE P
2	*	2344.000	17.75	14.65	32.40	54.00	-21.60	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data:#508

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Test Report No.

Shenzhen EMTEK Co., Ltd.

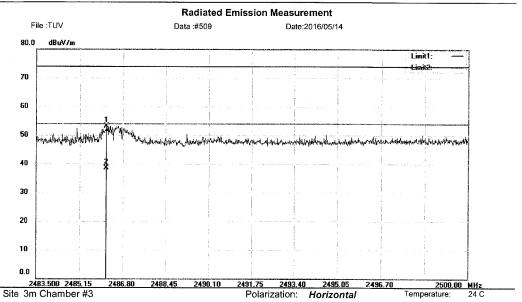
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

Operator: KK

53 %



Power: AC 120V/60Hz

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: DQPSK 2480

Note:

No.	M	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	фВ	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		248	86.157	37.33	15.82	53.15	74.00	-20.85	peak	_	0	
2	*	248	86.157	22.68	15.82	38.50	54.00	-15.50	AVG		0	WWW. 7. VII 1. II. II. II. II. II. II. II. II. II.



Products

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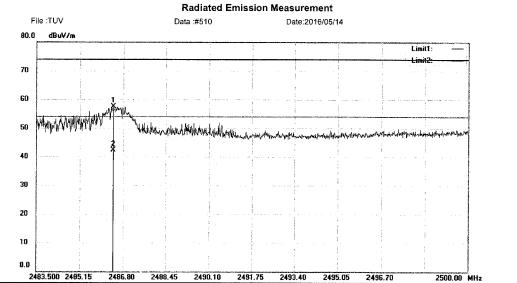


Temperature:

Humidity:

24 C

53 %



Polarization:

Vertical

Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: DQPSK 2480

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree		
		MHz	dBuV	dΒ	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	******
1		2486.421	41.74	15.83	57.57	74.00	-16.43	peak		0	7400	
2	*	2486.421	26.47	15.83	42.30	54.00	-11.70	AVG		0		

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#510

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Products

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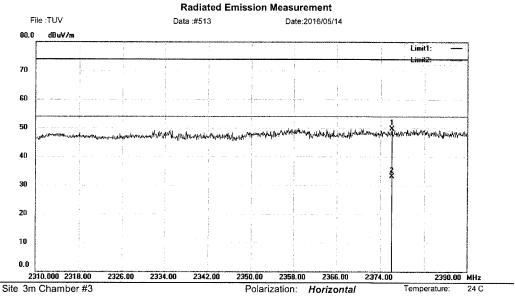
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2402

Note:

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23	76.080	34.77	14.92	49.69	74.00	-24.31	peak	-	0	
2	*	23	76.080	18.28	14.92	33.20	54.00	-20.80	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#513

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Products

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50045654 001

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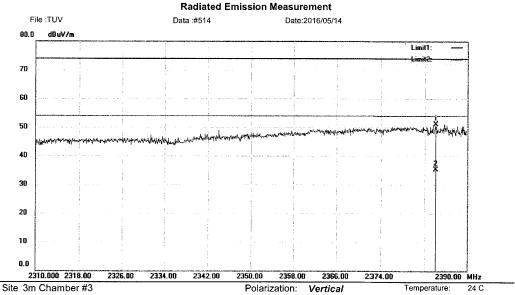
Shenzhen EMTEK Co., Ltd.

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2402

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	₫B	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2384.080	36.12	14.99	51.11	74.00	-22.89	peak		0	
2	*	2384.080	20.41	14.99	35.40	54.00	-18.60	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#514

Page: 1



Products

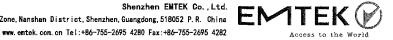
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Test Report No.

50045654 001

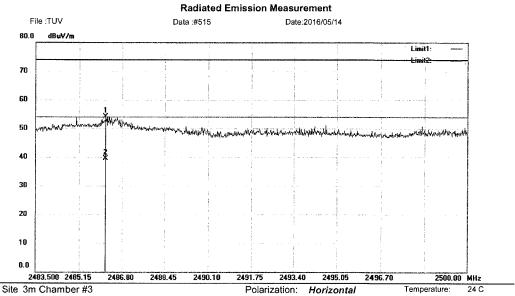
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2480

Note:

No.	M	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		248	36.157	38.33	15.82	54.15	74.00	-19.85	peak		0	
2	*	248	36.157	23.78	15.82	39.60	54.00	-14.40	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#515

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Products

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50045654 001

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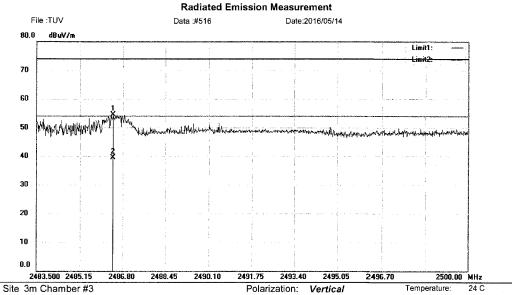
Shenzhen EMTEK Co., Ltd.

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.421	38.74	15.83	54.57	74.00	-19.43	peak		0	
2	* :	2486.421	23.77	15.83	39.60	54.00	-14.40	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#516

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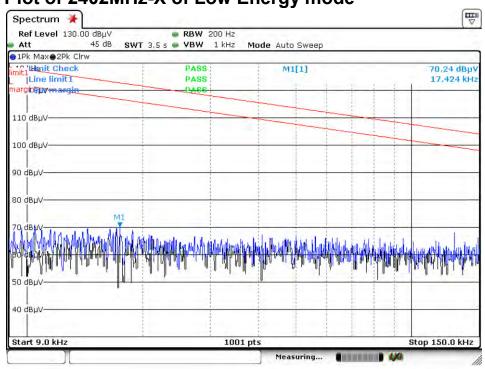


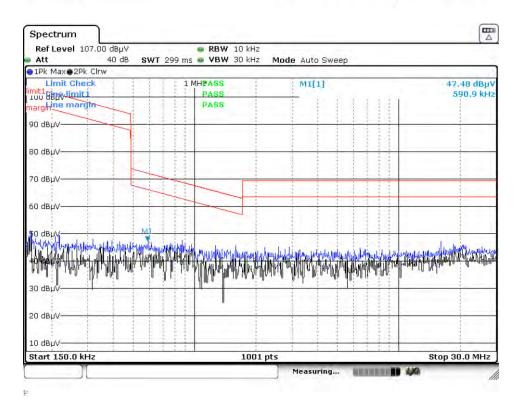
Test Report No.

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Test Plot of 2402MHz-X of Low Energy mode





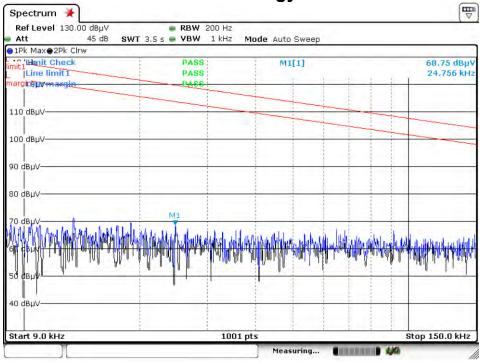


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Test Plot of 2402MHz-Y of Low Energy mode



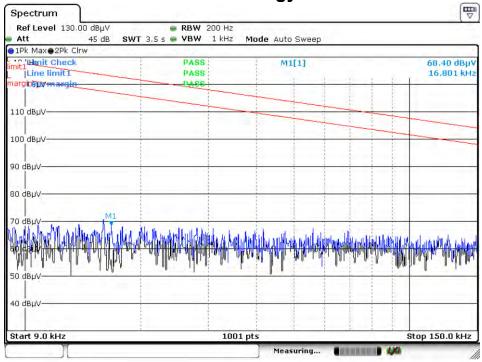


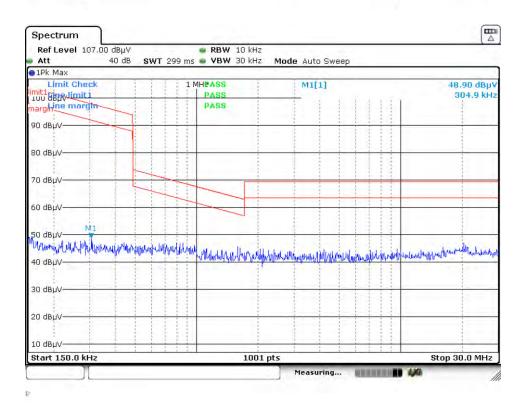


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Test Report No.

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Test Plot of 2402MHz-Z of Low Energy mode



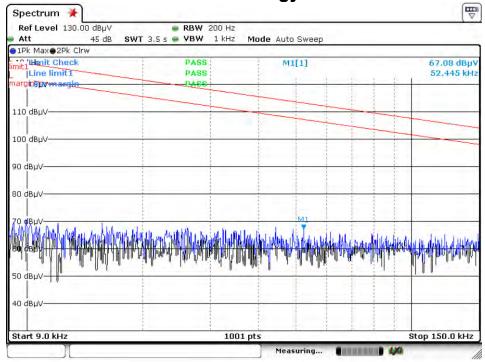


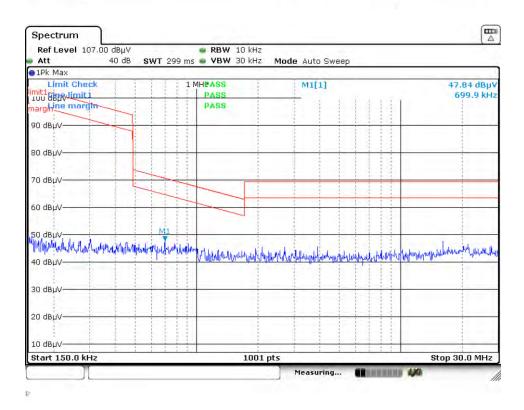


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Test Plot of 2440MHz-X of Low Energy mode





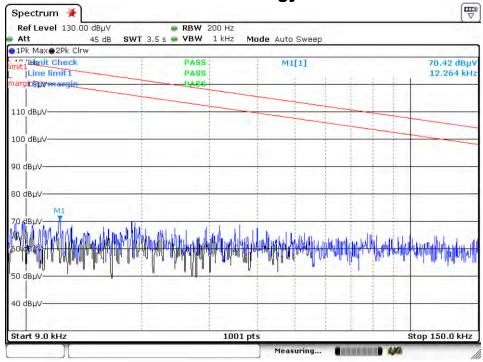


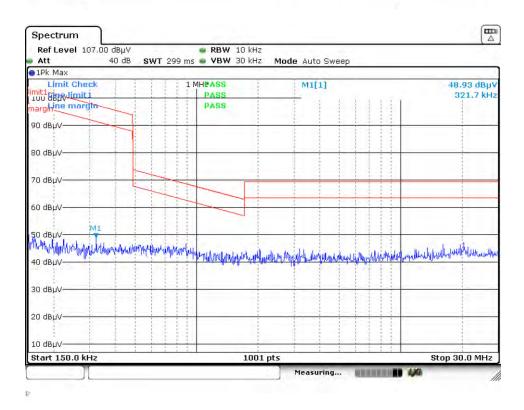
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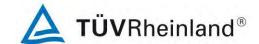
Prüfbericht - Nr.: 50045654 001

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Test Plot of 2440MHz-Y of Low Energy mode





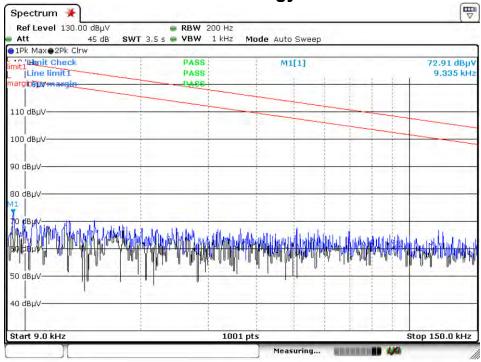


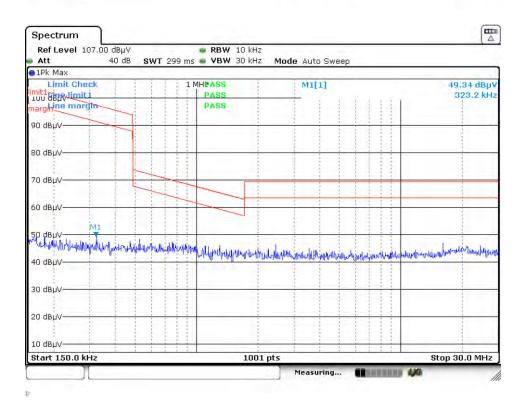
Test Report No.

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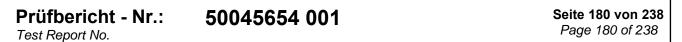
Test Plot of 2440MHz-Z of Low Energy mode



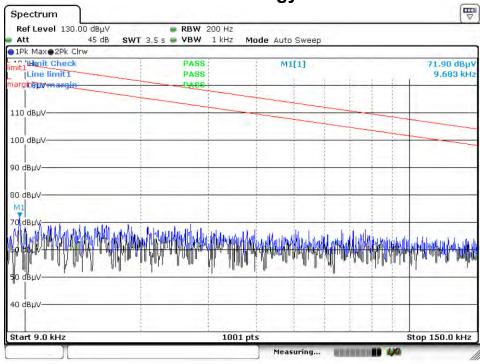


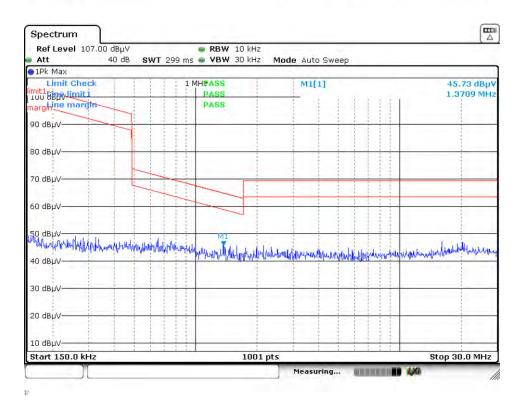


Products



Test Plot of 2480MHz-X of Low Energy mode



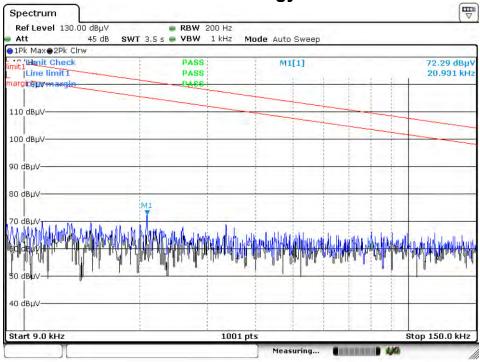


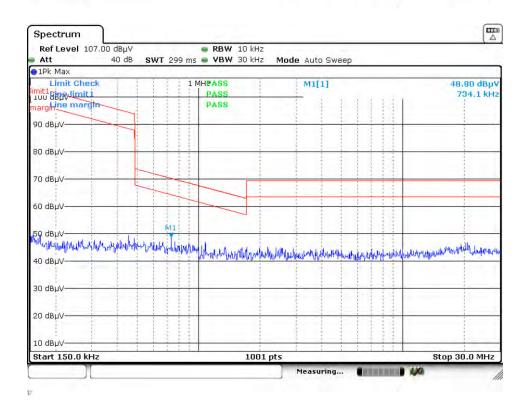


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Test Plot of 2480MHz-Y of Low Energy mode







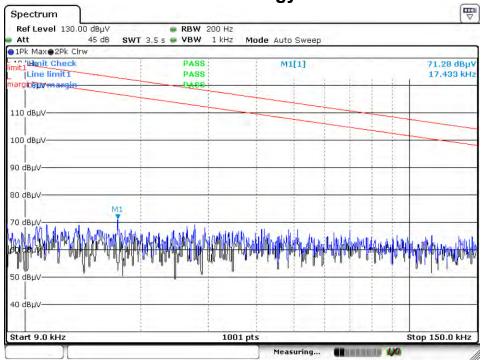
Products

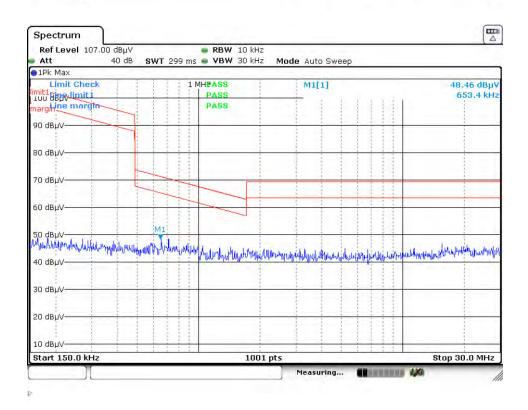
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Test Plot of 2480MHz-Z of Low Energy mode







Products

Prüfbericht - Nr.:

Test Report No.

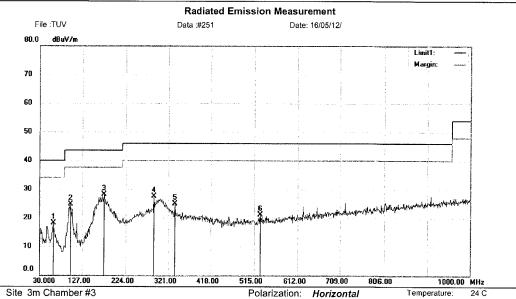
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Humidity:



Power: AC 120V/60Hz

Limit: (RE)FCC PART 15 CLASS B

EUT: MID M/N: NS-P08A7100 Mode:BT TX 4.0 LOW

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		61.0400	33.97	-15.88	18.09	40.00	-21.91	QP			
2		100.8100	39.97	-15.27	24.70	43.50	-18.80	QP			
3	*	175.5000	45.20	-17.18	28.02	43.50	-15.48	QP		-	· · · · · · · · · · · · · · · · · · ·
4		288.0200	39.67	-12.11	27.56	46.00	-18.44	QP		-	*******
5		335.5500	35.33	-10.51	24.82	46.00	-21.18	QP			
6		528.5800	28.06	-7.00	21.06	46.00	-24.94	QP			

*:Maximum data x:Over limit !:over margin

File: TUV\Data:#251

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Products

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Test Report No.

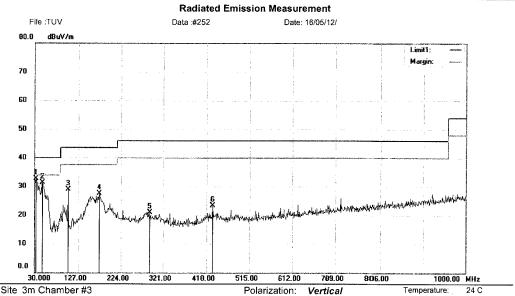
Shenzhen EMTEK Co., Ltd.

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Humidity:

53 %



Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 CLASS B

EUT: MID

M/N: NS-P08A7100 Mode:BT TX 4.0 LOW

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	32.9100	49.88	-17.14	32.74	40.00	-7.26	QP			
2		47.4600	45.22	-13.83	31.39	40.00	- 8.61	QP	_		
3		103.7200	44.18	-15.30	28.88	43.50	-14.62	QP	-		
4		173.5600	44.66	-17.20	27.46	43.50	-16.04	QP		•	
5		290.9300	32.98	-11.99	20.99	46.00	-25.01	QP			* 0036
6		431.5800	32.34	-8.96	23.38	46.00	-22.62	QP			

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#252

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Products

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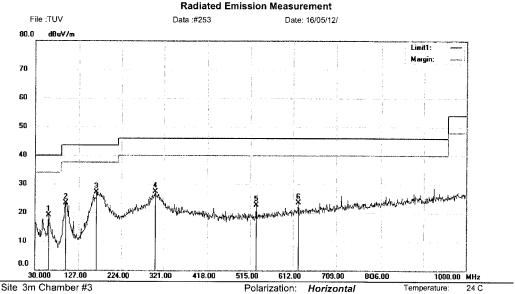
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Humidity:

53 %



Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 CLASS B

EUT: MID

M/N: NS-P08A7100 Mode:BT TX 4.0 MID

Note:

No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		60.0700	34.74	-15.72	19.02	40.00	-20.98	QP			
2		97.9000	39.04	-15.65	23.39	43.50	-20.11	QP			***************************************
3	*	166.7700	44.67	-17.60	27.07	43.50	-16.43	QP			
4		301.6000	38.96	-11.58	27.38	46.00	-18.62	QP		*******	
5		528.5800	29.63	-7.00	22.63	46.00	-23,37	QP			
6		623.6400	28.92	-5.47	23.45	46.00	-22.55	QP	100000		

*:Maximum data x:Over limit !:over margin

File :TUV\Data :#253

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Products

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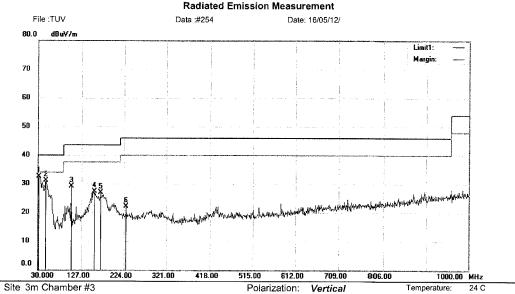
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Humidity:

53 %



Power: AC 120V/60Hz

Limit: (RE)FCC PART 15 CLASS B

EUT: MID

M/N: NS-P08A7100 Mode:BT TX 4.0 MID

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	31.9400	49.78	-17.26	32.52	40.00	-7.48	QP			700000
2		47.4600	44.91	-13.83	31.08	40.00	-8.92	QP			
3	•	103.7200	44.34	-15.30	29.04	43.50	-14.46	QP			
4	•	156.1000	45.88	-18.56	27.32	43.50	-16.18	QP			
5	•	170.6500	44.21	-17.22	26.99	43.50	-16.51	QP	-	/	
6	2	228.8500	36.40	-14.25	22.15	46.00	-23.85	QP			

*:Maximum data x:Over limit !:over margin

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Products

Prüfbericht - Nr.:

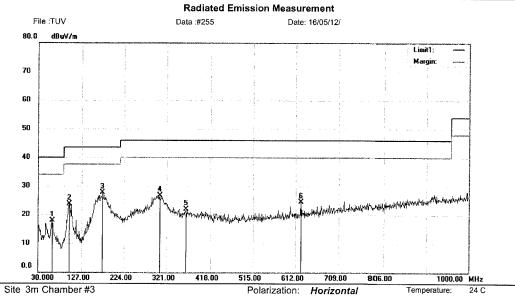
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Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Temperature: Humidity:

53 %

EUT: MID

M/N: NS-P08A7100 Mode: BT TX 4.0 HIGH

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree		
		MHz	dBuV	₫B	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1		62.0100	33.92	-16.01	17.91	40.00	-22.09	QP		*****		
2		98.8700	39.20	-15.46	23.74	43.50	-19.76	QP	•		valor.	
3	*	174.5300	44.88	-17.20	27.68	43.50	-15.82	QP				_
4		305.4800	38.21	-11.53	26.68	46.00	-19.32	QP				
5		364.6500	32.45	-10.53	21.92	46.00	-24.08	QP			1750ko	
6		624.6100	30.01	-5.46	24.55	46.00	-21.45	QP	vera .			

*:Maximum data x:Over limit !:over margin

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Products

Prüfbericht - Nr.:

Test Report No.

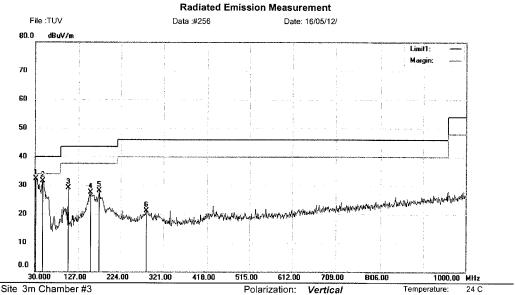
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Site 3m Chamber #3

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Temperature: Humidity:

Operator: KK

24 C 53 %

EUT: MID

M/N: NS-P08A7100 Mode: BT TX 4.0 HIGH

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dΒ	Detector	cm	degree	Comment	
1	*	31.9400	49.62	-17.26	32.36	40.00	-7.64	QP	**********	79,000,000		
2		47.4600	45.40	-13.83	31.57	40.00	-8.43	QP				
3		103.7200	44.36	-15.30	29.06	43.50	-14.44	QP	***			
4		155.1300	46.17	-18.60	27.57	43.50	-15.93	QP			******	
5		174.5300	45.40	-17.20	28.20	43.50	-15.30	QP				
6		283.1700	33.51	-12.32	21.19	46.00	-24.81	QP				

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#256



Products

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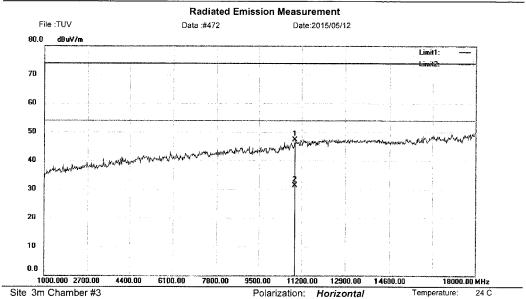
Test Report No.

Shenzhen EMTEK Co., Ltd. Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel;+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

53 %



Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2402

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment dBuV/m	Limit dBuV/m	Over	Detector	Antenna Height	Table Degree degree	
		MHz	dBuV	dB							Comment
1		10928.00	50.71	-3.41	47.30	74.00	-26.70	peak		0	
2	*	10928.00	34.81	-3.41	31.40	54.00	-22.60	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#472

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Operator: XLX



Products

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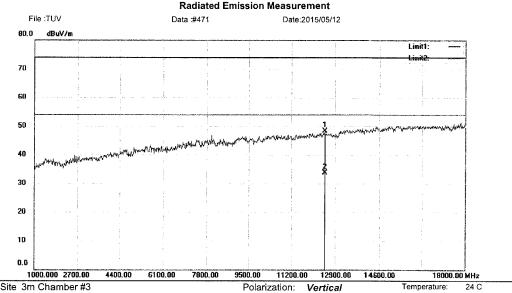
Shenzhen EMTEK Co., Ltd.

Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2402

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		12492.00	48.97	-0.60	48.37	74.00	-25.63	peak		0	
2	*	12492.00	34.30	-0.60	33.70	54.00	-20.30	AVG		0	1000

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#471

Page: 1

Operator: XLX



Products

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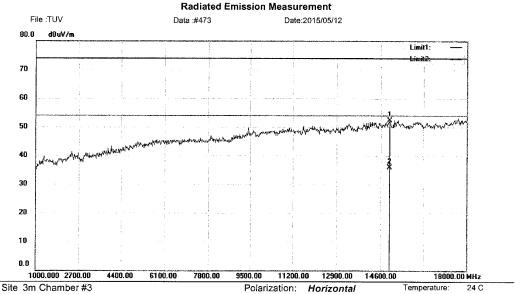
Test Report No.

Shenzhen EMTEK Co., Ltd. Bidg. 69, Majislong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86~755-2695 4280 Fax:+86-755-2695 4282



Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2441

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		14940.00	50.58	1.82	52.40	74.00	-21.60	peak		0	
2	*	14940.00	34.08	1.82	35.90	54.00	-18.10	AVG		0	

Power: AC 120V/60Hz



Products

Prüfbericht - Nr.:

Test Report No.

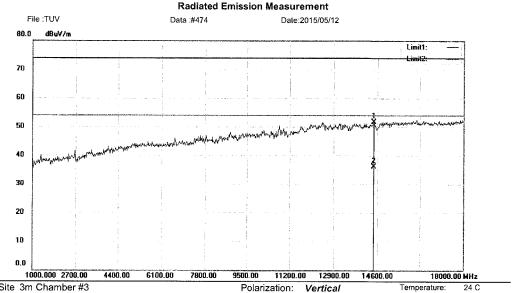
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Humidity:



Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2441

Note:

No. M	Лk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	1	4447.00	49.45	2.16	51.61	74.00	-22.39	peak		0	
2 *	1	4447.00	33.94	2.16	36.10	54.00	-17.90	AVG		0	

*:Maximum data x:Over limit !:over margin

File :TUV\Data :#474

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Products

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Test Report No.

Shenzhen EMTEK Co., Ltd.

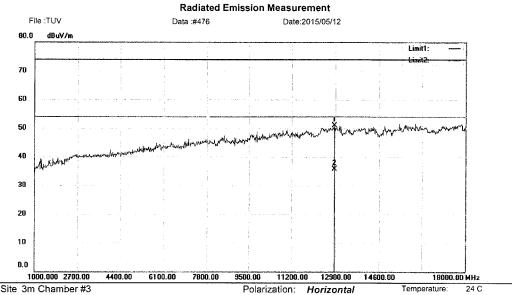
Power: AC 120V/60Hz

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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2480

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	T a ble Degree	
		MHz	₫BuV	dΒ	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		12866.00	51.95	-0.98	50.97	74.00	-23.03	peak		0	
2	*	12866.00	36.78	-0.98	35.80	54.00	-18.20	AVG		0	

*:Maximum data x:Over limit !:over margin

Operator:

File: TUV\Data:#476



Products

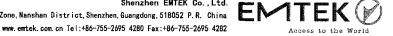
Prüfbericht - Nr.:

50045654 001

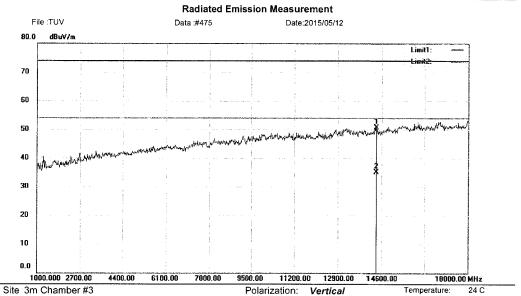
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Test Report No.

Shenzhen EMTEK Co., Ltd. Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China



Humidity:



Power: AC 120V/60Hz

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2480

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		14379.00	47.30	3.33	50.63	74.00	-23.37	peak		0	
2	*	14379.00	31.77	3.33	35.10	54.00	-18.90	AVG		0	

*:Maximum data x:Over limit !:over margin Operator:

File: TUV\Data:#475



Products

Prüfbericht - Nr.:

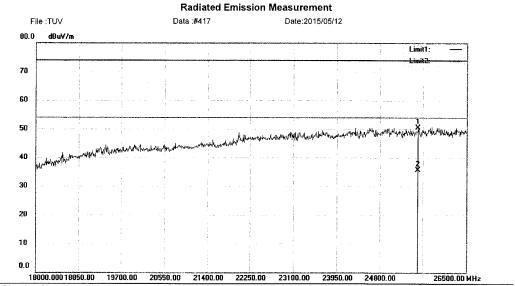
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Shenzhen EMTEK Co., Ltd.
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Site 3m Chamber #3

Polarization: Horizontal Power: AC 120V/60Hz Temperature: 24 C

53 %

Humidity:

Limit: (RE)FCC PART 15 C EUT: MID

M/N: NS-P08A7100

Mode: BLE 2402

No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		25556.50	86.80	-36.33	50.47	74.00	-23.53	peak		0	
2	*	25556.50	72.13	-36.33	35.80	54.00	-18.20	AVG		0	



Products

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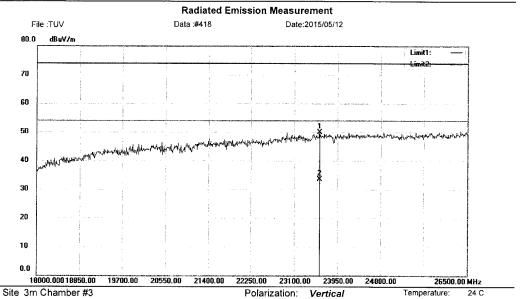
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Humidity:

Operator: KK



Power: AC 120V/60Hz

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2402

No.	Mk	k, Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23593.00	87.42	-37.56	49.86	74.00	-24.14	peak		0	THEORY AND L
2	*	23593.00	71.16	-37.56	33.60	54.00	-20.40	AVG		0	



Products

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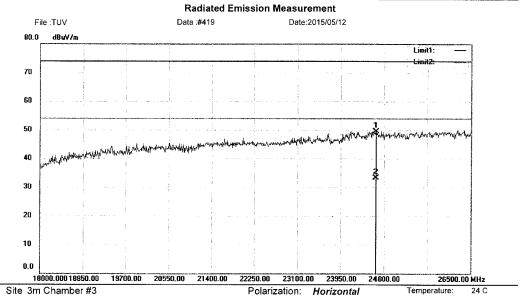
Test Report No.

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Humidity:

Operator: KK



Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2440

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	, , , , , , , , , , , , , , , , , , , ,
		MHz	dBuV	dB	dBuV/m	dBuV/m	dΒ	Detector	cm	degree	Comment
1		24647.00	86.50	-37.05	49.45	74.00	-24.55	peak		0	
2	*	24647.00	70.45	-37.05	33.40	54.00	-20.60	AVG		0	



Products

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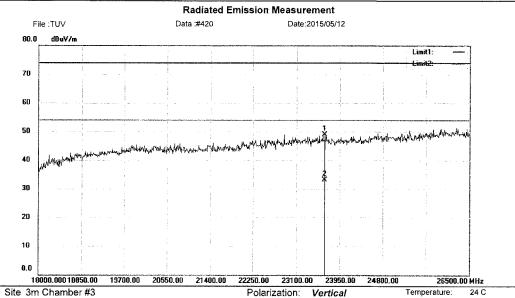
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Shenzhen EMTEK Co., Ltd.

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Humidity:



Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2440

Note:

No.			Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	₫BuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23652.50	86.41	-37.49	48.92	74.00	-25.08	peak		0	
2	*	23652.50	70.59	-37.49	33.10	54.00	-20.90	AVG		0	



Products

Prüfbericht - Nr.:

50045654 001

Test Report No.

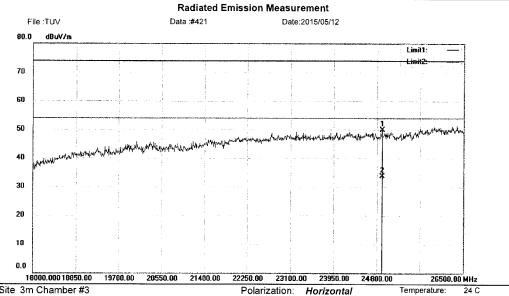
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Shenzhen EMTEK Co., Ltd.

Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China www. emtek. com. cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	***************************************	MHz	₫BuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		24902.00	86.85	-37.02	49.83	74.00	-24.17	peak	*	0	
2	*	24902.00	70.82	-37.02	33.80	54.00	-20.20	AVG		0	



Products

Prüfbericht - Nr.:

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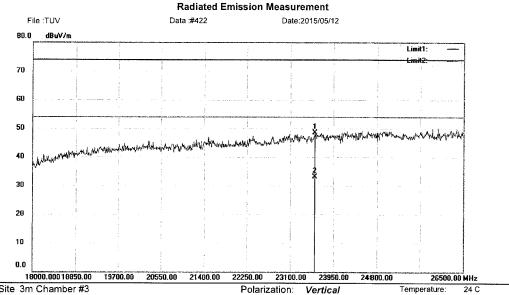
Shenzhen EMTEK Co., Ltd.

Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

Operator: KK



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2480

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23584.50	86.12	- 37.57	48.55	74.00	-25.45	peak		0	
2	*	23584.50	70.67	-37.57	33.10	54.00	-20.90	AVG		0	



Products

Prüfbericht - Nr.:

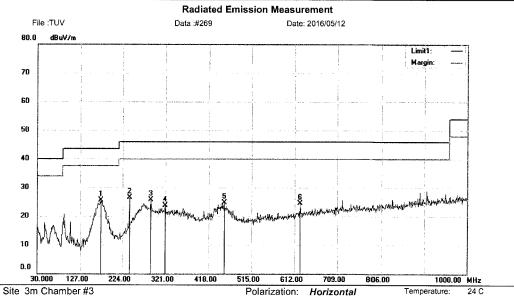
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Test Report No.

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Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P10A7100 Mode:BT TX 4.0 LOW

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	173.5600	42.72	-17.20	25.52	43.50	-17.98	QP			
2		239.5200	40.46	-13.96	26.50	46.00	-19.50	QP			
3		288.0200	37.78	-12.11	25.67	46.00	-20.33	QP			
4		320.0300	34.96	-11.34	23.62	46.00	-22.38	QP	***		
5		452.9200	33.53	-8.83	24.70	46.00	-21.30	QP	*****		
6		624.6100	29.90	-5.46	24.44	46.00	-21.56	QP			

*:Maximum data x:Over limit !:over margin

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Products

Prüfbericht - Nr.:

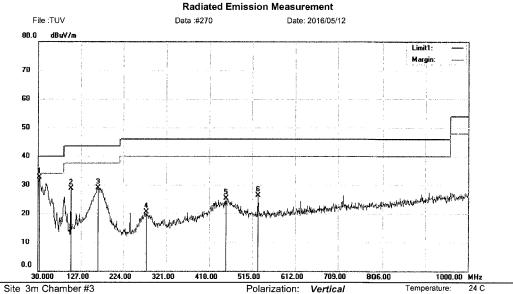
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www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Temperature: 24 C Humidity: 53 %

EUT: MID

M/N: NS-P10A7100 Mode:BT TX 4.0 LOW

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	32.9100	49.93	-17.14	32.79	40.00	-7.21	QP			***************************************
2		103.7200	43.94	-15.30	28.64	43.50	-14.86	QP			
3		165.8000	46.59	-17.70	28.89	43.50	-14.61	QP	···································		
4		276.3800	32.99	-12.54	20.45	46.00	-25.55	QP			
5		455.8300	34.10	-8.86	25.24	46.00	-20.76	QP			
6		528.5800	33.22	-7.00	26.22	46.00	-19.78	QP			

*:Maximum data x:Over limit !:over margin

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Produkte Products

Prüfbericht - Nr.:

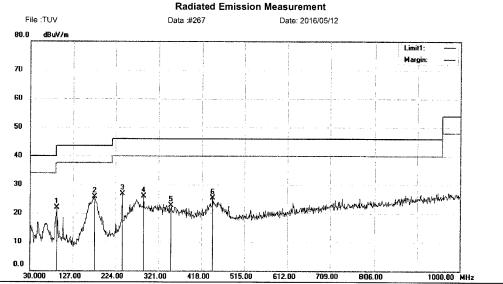
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Test Report No.

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Site 3m Chamber #3

Limit: (RE)FCC PART 15 CLASS B

Polarization: Horizontal Power: AC 120V/60Hz

Temperature: 24 C Humidity:

EUT: MID

M/N: NS-P10A7100 Mode:BT TX 4.0 MID

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		90.1400	39.68	-17.79	21.89	43.50	-21.61	QP	-		
2	*	176.4700	42.88	-17.18	25.70	43.50	-17.80	QP			
3		239.5200	40.64	-13.96	26.68	46.00	-19.32	QP		17.866.00	
4		288.0200	38.07	-12.11	25.96	46.00	-20.04	QP		****	
5		349.1300	33.18	-10.44	22.74	46.00	-23.26	QP		AND A	
6		443.2200	34.02	-8.69	25.33	46.00	-20.67	QP			

*:Maximum data x:Over limit !:over margin

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Produkte Products

Prüfbericht - Nr.:

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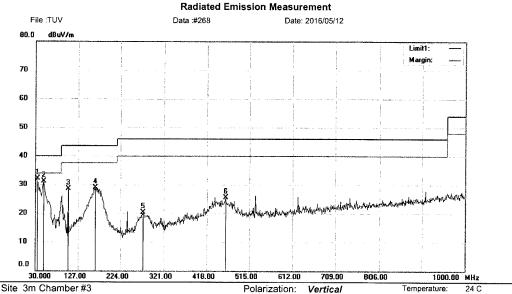
Test Report No.

Shenzhen EMTEK Co., Ltd. Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

53 %



Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 CLASS B

EUT: MID M/N: NS-P10A7100

Mode:BT TX 4.0 MID

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dΒ	Detector	cm	degree	Comment
1	*	33.8800	49.17	-17.01	32.16	40.00	-7.84	QP			
2		48.4300	44.92	-13.90	31.02	40.00	-8.98	QP			
3		103.7200	43.82	-15.30	28.52	43.50	-14.98	QP			****
4		165.8000	46.65	-17.70	28.95	43.50	-14.55	QP	***		,
5		274.4400	32.87	-12.60	20.27	46.00	-25.73	QP	*******	10000	****
6		460.6800	34.46	-8.89	25.57	46.00	-20.43	QP			

*:Maximum data x:Over limit !:over margin

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Products

Prüfbericht - Nr.:

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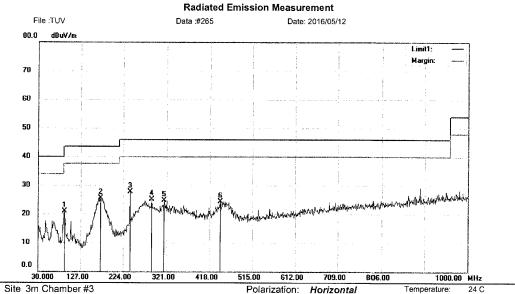
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Polarization: Horizontal Power: AC 120V/60Hz

Temperature:

Humidity: 53 %

Limit: (RE)FCC PART 15 CLASS B EUT: MID

M/N: NS-P10A7100 Mode:BT TX 4.0 HIGH

Note:

No.	MI	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree		
		MHz	₫BuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1		90.1400	38.65	-17.79	20.86	43.50	-22.64	QP				
2	*	172.5900	42.66	-17.21	25.45	43.50	-18.05	QP				
3		239.5200	41.68	-13.96	27.72	46.00	-18.28	QP				*****
4		288.0200	37.12	-12.11	25.01	46.00	-20.99	QP				
5		315.1800	36.08	-11.40	24.68	46.00	-21.32	QP	*****	***	185	
6		442.2500	33.07	-8.68	24.39	46.00	-21.61	QP			•••	

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Products

Prüfbericht - Nr.:

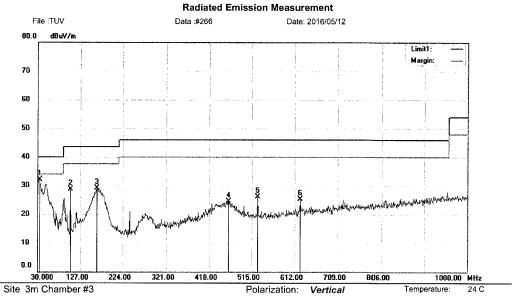
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Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity:

53 %

EUT: MID

M/N: NS-P10A7100 Mode:BT TX 4.0 HIGH

Note:

No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	33.8800	49.10	-17.01	32.09	40.00	-7.91	QP		CORNE I	
2		103.7200	43.94	-15.30	28.64	43.50	-14.86	QP			
3		164.8300	47.03	-17.83	29.20	43.50	-14.30	QP			7477-7444
4		462.6200	33.34	-8.78	24.56	46.00	-21.44	QP		***************************************	
5		528.5800	33.13	-7.00	26.13	46.00	-19.87	QP			
6		624.6100	30.76	-5.46	25.30	46.00	-20.70	QP			

*:Maximum data x:Over limit !:over margin

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Products

Prüfbericht - Nr.:

50045654 001

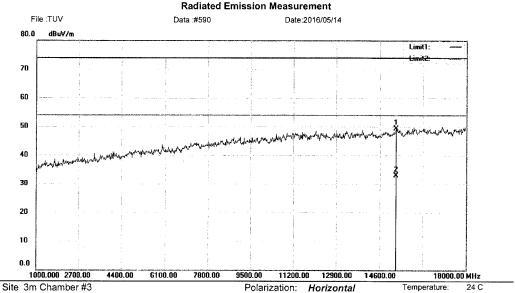
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Test Report No.

Shenzhen EMTEK Co., Ltd. Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: BLE 2402

Note:

No. MI	k. Fred	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	MHz	dBuV	₫B	dBuV/m	dBuV/m	ďΒ	Detector	cm	degree	Comment
1	15246.0	0 46.40	2.89	49.29	74.00	-24.71	peak	**	0	
2 *	15246.0	0 30.01	2.89	32.90	54.00	-21.10	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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Page: 1

Operator: XLX



Products

Prüfbericht - Nr.:

Test Report No.

50045654 001

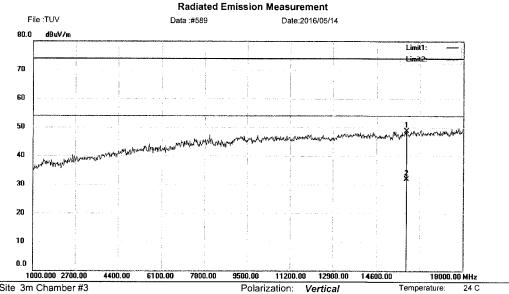
Seite 208 von 238 Page 208 of 238

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www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2402

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1		15790.00	47.81	0.90	48.71	74.00	-25.29	peak		0		
2	*	15790.00		0.90	31.90	54.00	-22.10	AVG		0		



Products

Prüfbericht - Nr.:

50045654 001

Test Report No.

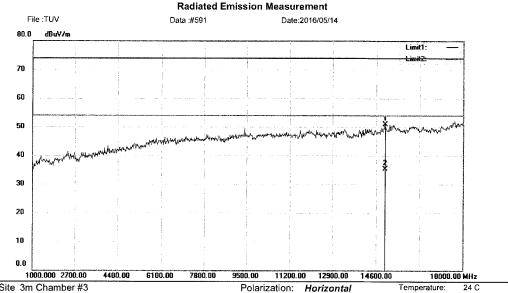
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Humidity:



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2441

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	, , , , , , , , , , , , , , , , , , ,
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		14940.00	49.08	1.82	50.90	74.00	-23.10	peak		0	
2	*	14940.00	33.58	1.82	35.40	54.00	-18.60	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#591

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Products

Prüfbericht - Nr.:

50045654 001

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Test Report No.

Shenzhen EMTEK Co., Ltd.

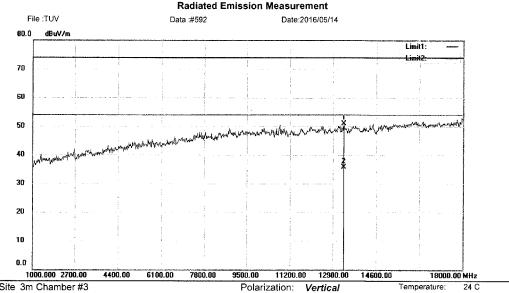
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

Operator: KK

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2441

Note:

No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dΒ	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		13342.00	51.29	-0.31	50.98	74.00	-23.02	peak	-	0	
2	*	13342.00	36.11	-0.31	35.80	54.00	-18.20	AVG		0	



Products

Prüfbericht - Nr.:

Test Report No.

50045654 001

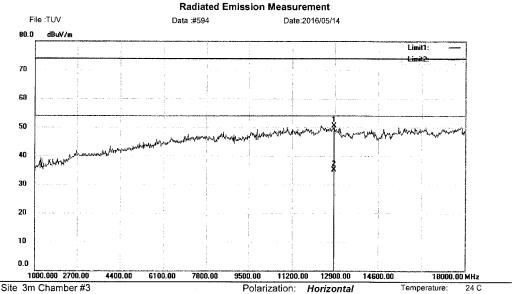
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2480

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	₫BuV	ďΒ	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		12866.00	51.45	-0.98	50.47	74.00	-23.53	peak	.,	0	
2	*	12866.00	36.08	-0.98	35.10	54.00	-18.90	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

Operator:



Products

Prüfbericht - Nr.:

Test Report No.

50045654 001

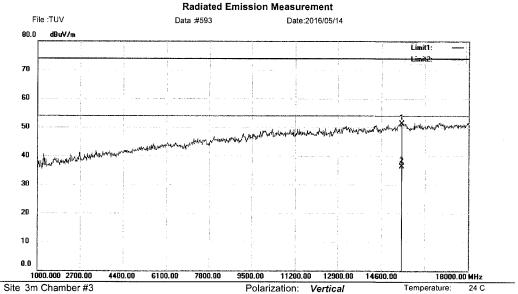
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2480

Note:

No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		15399.00	50.26	0.95	51.21	74.00	-22.79	peak		0	
2	*	15399.00	35.45	0.95	36.40	54.00	-17.60	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin Operator:

File:TUV\Data:#593



Products

Prüfbericht - Nr.:

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Test Report No.

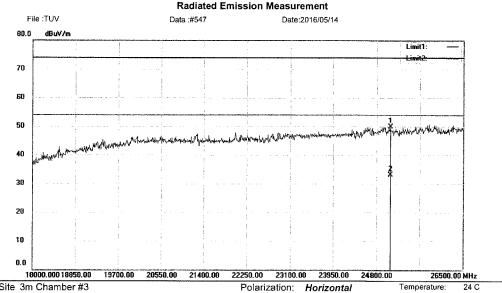
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Humidity:

Operator: KK

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2402

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree		
		MHz	dBuV	dΒ	dBuV/m	dBuV/m	dΒ	Detector	cm	degree	Comment	
1		25072.00	86.79	-36.92	49.87	74.00	-24.13	peak	10	0		
2	*	25072.00	70.02	-36.92	33.10	54.00	-20.90	AVG	-	0		



Products

Prüfbericht - Nr.:

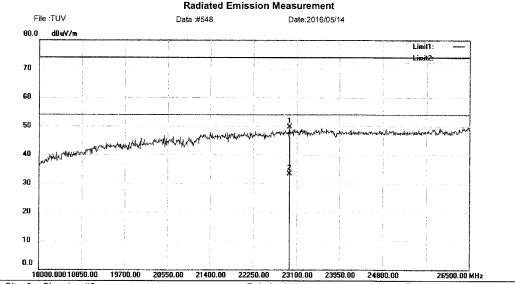
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Site 3m Chamber #3

Polarization: Vertical Power: AC 120V/60Hz Temperature: 24 C

53 %

Humidity:

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2402

No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		22955.50	87.92	-38.27	49.65	74.00	-24.35	peak		0	
2	*	22955.50	71.67	-38.27	33.40	54.00	-20.60	AVG		0	



Products

Prüfbericht - Nr.:

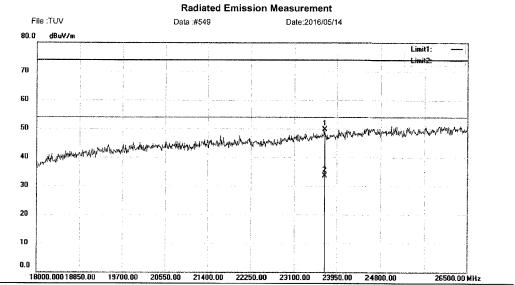
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Shenzhen EMTEK Co., Ltd.
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Site 3m Chamber #3

Polarization: Horizontal Power: AC 120V/60Hz Temperature: 24 C

53 %

Humidity:

Operator: KK

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2440

No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23703.50	87.19	-37.44	49.75	74.00	-24.25	peak		0	
2	*	23703.50	70.94	-37.44	33.50	54.00	-20.50	AVG		0	-



Products

Prüfbericht - Nr.:

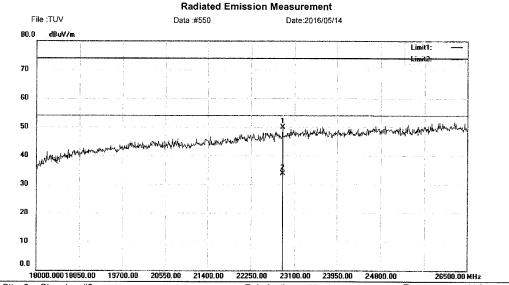
Test Report No.

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Site 3m Chamber #3

Polarization: Power: AC 120V/60Hz Temperature: 24 C

53 %

Humidity:

Operator: KK

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100

Mode:BLE 2440

No.	М	k. Fre	eq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		МН	z	dBu∨	dB	dBuV/m	dBuV/m	dΒ	Detector	cm	degree	Comment
1		22862.	00	88.36	-38.46	49.90	74.00	-24.10	peak		0	
2	*	22862.	00	72.26	-38.46	33.80	54.00	-20.20	AVG		0	



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Test Report No.

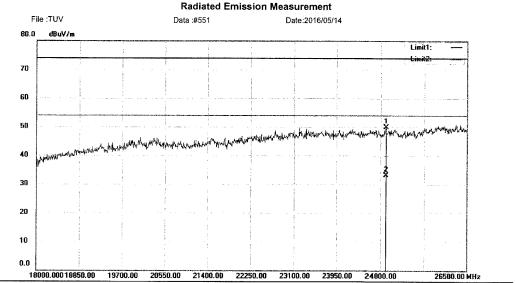
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Site 3m Chamber #3

Polarization: Horizontal Power: AC 120V/60Hz

Temperature: 24 C

53 %

Humidity:

Operator: KK

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2480

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	dΒ	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		249	902.00	86.85	-37.02	49.83	74.00	-24.17	peak		0	
2	*	249	902.00	70.12	-37.02	33.10	54.00	-20.90	AVG		0	



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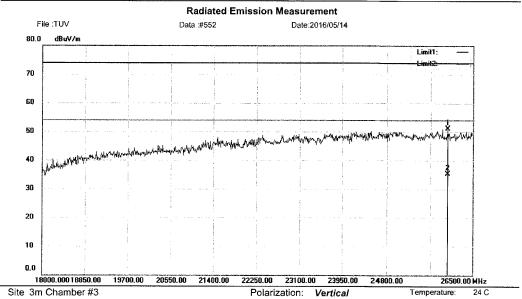
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Humidity:

53 %



Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100

Mode: BLE 2480

Note:

No.	М	lk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		25	998.50	86.87	-35.79	51.08	74.00	-22.92	peak		0	- 111.994
2	*	25	998.50	71.19	-35.79	35.40	54.00	-18.60	AVG	,,,,	0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data: #552

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Test Report No.

Test Plot of Band Edge of Bluetooth Low Energy mode

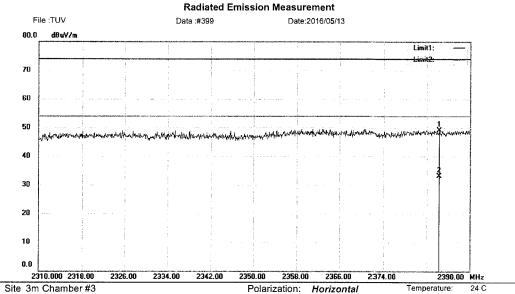
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Humidity:

Operator: KK

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2402

Note:

No.	Mŀ	κ. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2384.320	34.07	14.99	49.06	74.00	-24.94	peak			
2	*	2384.320	18.21	14.99	33.20	54.00	-20.80	AVG			

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

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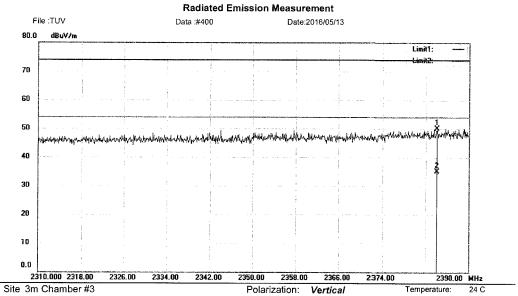
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2402

Note:

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		23	84.080	35.12	14.99	50.11	74.00	-23.89	peak			
2	*	23	84.080	20.11	14.99	35.10	54.00	-18.90	AVG	******		



Products

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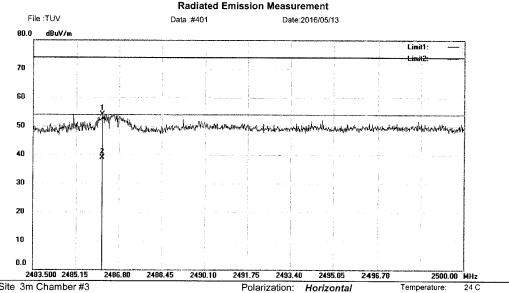
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Humidity:



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2480

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	₫BuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.157	38.33	15.82	54.15	74.00	-19.85	peak			
2	*	2486.157	23.08	15.82	38.90	54.00	-15.10	AVG	*****	*****	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data:#401

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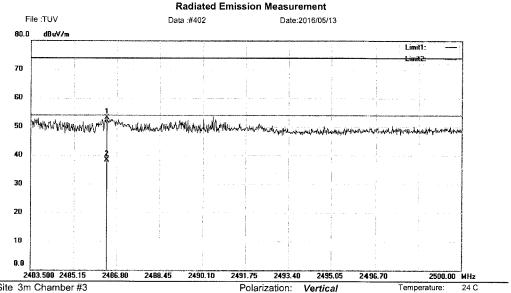
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Humidity:



Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P08A7100 Mode:BLE 2480

Note:

No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.421	37.24	15.83	53.07	74.00	-20.93	peak			
2	*	2486.421	22.57	15.83	38.40	54.00	-15.60	AVG	-		

*:Maximum data x:Over limit !:over margin

File:TUV\Data:#402

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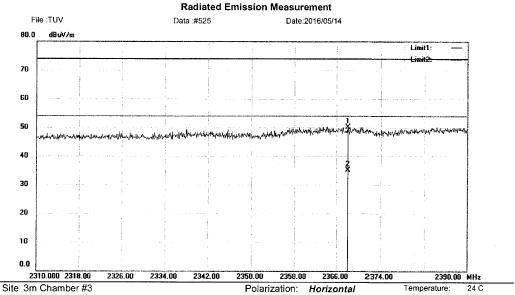
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode: BLE 2402

Note:

No.	MŁ	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2368.160	35.26	14.85	50.11	74.00	-23.89	peak		0	
2	*	2368.160	20.25	14.85	35.10	54.00	-18.90	AVG		0	

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data:#525

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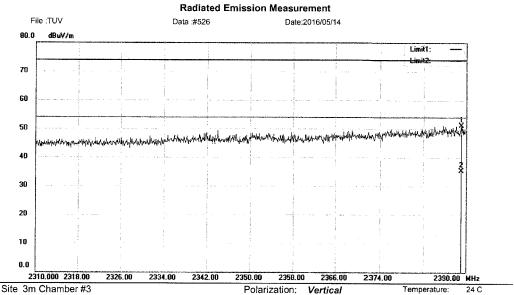
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24 C

53 %

Humidity:



Polarization: Vertical

Power: AC 120V/60Hz

Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID M/N: NS-P10A7100

Mode:BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	:	2389.040	36.01	15.03	51.04	74.00	-22.96	peak		0	
2	* :	2389.040	20.27	15.03	35.30	54.00	-18.70	AVG		0	

*:Maximum data x:Over limit !:over margin

File: TUV\Data: #526

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Test Report No.

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Polarization: Horizontal

Power: AC 120V/60Hz

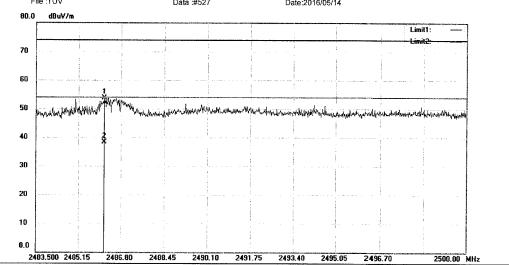
Temperature:

Humidity:

24 C

53 %

www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282 Radiated Emission Measurement File :TUV dBuV/m Limit1:



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2480

Note:

No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.157	37.83	15.82	53.65	74.00	-20.35	peak		0	
2	*	2486.157	22.48	15.82	38.30	54.00	-15.70	AVG	***	0	

*:Maximum data File: TUV\Data:#527

x:Over limit !:over margin

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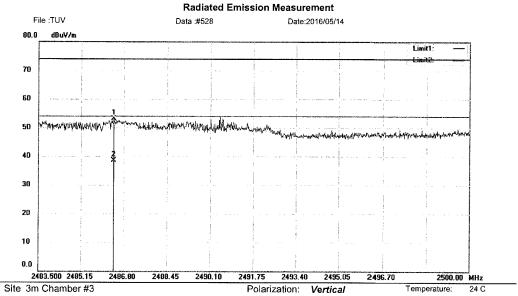
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Humidity:

53 %



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: MID

M/N: NS-P10A7100 Mode:BLE 2480

Note:

No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2486.421	37.24	15.83	53.07	74.00	-20.93	peak	***************************************	0	
2	*	2486.421	22.67	15.83	38.50	54.00	-15.50	AVG		0	No. 1

Power: AC 120V/60Hz

*:Maximum data x:Over limit !:over margin

File: TUV\Data: #528

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5.1.8 Frequency Separation

RESULT: Pass

Date of testing 2016-05-07

Test standard FCC part 15.247(a)(1)

RSS-247 clause 5.1(2)

Basic standard ANSI C63.10: 2013

Limit ≥ 25kHz or two-thirds of 20dB bandwidth,

whichever is greater

Shield room Kind of test site :

Test setup

Low/ Middle/ High

Test Channel : Operation Mode : Ambient temperature : Relative humidity : A.1.a **25**℃ 50% Atmospheric pressure : 101kPa

Table 14: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.000	≥ 25kHz or two- thirds of 20dB	Pass
Adjacency Channel	2403	1.000	bandwidth	1 033
Mid Channel	2441	1.000	≥ 25kHz or two- thirds of 20dB	Pass
Adjacency Channel	2442	1.000	bandwidth	F488
High Channel	2479	1 000	≥ 25kHz or two- thirds of 20dB	Doos
Adjacency Channel	2480	1.000	bandwidth	Pass



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5.1.9 Number of hopping frequency

RESULT: Pass

2016-05-07 Date of testing

Test standard FCC part 15.247(a)(1)(iii)

RSS-247 clause 5.1(4)

Basic standard ANSI C63.10: 2013

Limits ≥ 15 non-overlapping channels

Kind of test site Shield room

Test setup

Test Channel Low/ Middle/ High

Operation Mode :
Ambient temperature :
Relative humidity : A.1.a **25**℃ Relative humidity 50% Atmospheric pressure : 101kPa

Table 15: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2402 to 2480MHz	79	≥15	Pass



Products

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5.1.10 Time of Occupancy

RESULT: Pass

Date of testing : 2016-05-07

Test standard : FCC part 15.247(a)(1)(iii)

RSS-247 clause 5.1(4)

Basic standard : ANSI C63.10: 2013

Limits : 0.4s

Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High

Operation Mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 16: Test result of Time of Occupancy

Mode	Packet Type	Channel Frequency (MHz)	Packet Duration [ms]	Number of Hops per Channel	Dwell Time (ms)	Limit [ms]
		2402	0.372	320	119.04	400
	DH1	2441	0.368	320	117.76	400
		2480	0.376	320	120.32	400
		2402	1.617	165	266.805	400
BDR	DH3	2441	1.624	165	267.96	400
		2480	1.631	165	269.115	400
		2402	2.870	112	321.44	400
	DH5	2441	2.870	112	321.44	400
		2480	2.870	112	321.44	400
		2402	0.388	320	124.16	400
	DH1	2441	0.384	320	122.88	400
		2480	0.380	320	121.6	400
		2402	1.633	165	269.445	400
EDR	DH3	2441	1.638	165	270.27	400
		2480	1.624	165	267.96	400
		2402	2.860	112	320.32	400
	DH5	2441	2.870	112	321.44	400
		2480	2.880	112	322.56	400



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5.1.11 Conducted emissions

RESULT: Pass

Date of testing 2016-05-17

Test standard FCC Part 15.207

RSS-Gen Clause 8.8

Basic standard ANSI C63.10: 2013 Frequency range 0.15 - 30MHzFCC Part 15.207 Limits

Table 3 of RSS-Gen

Kind of test site : Shield room

Test setup

Input Voltage AC 120V, 60Hz

Input Voltage : Operation Mode :

Earthing Not Connected

Ambient temperature : **22**℃ Relative humidity 55% Atmospheric pressure : 101kPa

For details refer to following test plot.



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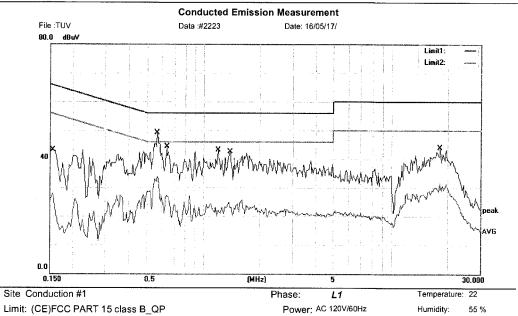
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Humidity:

55 %



Limit: (CE)FCC PART 15 class B_QP

EUT: MID

M/N: NS-P08A7100 Mode: BT Mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBu∀	φB	Detector	Comment
1		0.1550	43.07	0.00	43.07	65.73	-22.66	QP	
2		0.1550	27.86	0.00	27.86	55.73	-27.87	AVG	
3	*	0.5650	49.01	0.00	49.01	56.00	-6.99	QP	
4		0.5650	33.96	0.00	33.96	46.00	-12.04	AVG	
5		0.6350	44.23	0.00	44.23	56.00	-11.77	QP	· · · · · · · · · · · · · · · · · · ·
6		0.6350	27.39	0.00	27.39	46.00	-18.61	AVG	
7		1.1950	43.03	0.00	43.03	56.00	-12.97	QP	
8		1.1950	24.36	0.00	24.36	46.00	-21.64	AVG	
9		1.3850	42.45	0.00	42.45	56.00	-13.55	QP	
10		1.3850	25.69	0.00	25.69	46.00	-20.31	AVG	
11		18.1500	43.82	0.00	43.82	60.00	<i>-</i> 16.18	QP	
12		18.1500	31.61	0.00	31.61	50.00	-18.39	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

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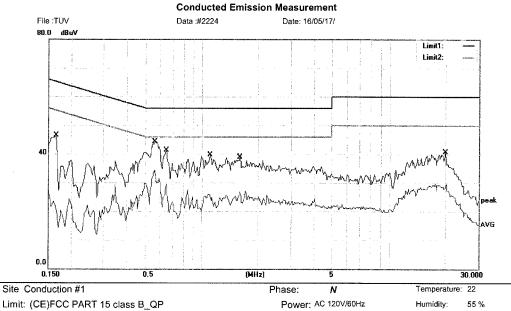
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Humidity:

55 %



Limit: (CE)FCC PART 15 class B_QP

EUT: MID

M/N: NS-P08A7100 Mode: BT Mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1650	46.54	0.00	46.54	65.21	-18.67	QP	
2		0.1650	29.33	0.00	29.33	55.21	-25.88	AVG	
3	*	0.5600	44.40	0.00	44.40	56.00	-11.60	QP	
4		0.5600	34.29	0.00	34.29	46.00	-11.71	AVG	
5		0.6450	41.24	0.00	41.24	56.00	-14.76	QP	
6		0.6450	29.51	0.00	29.51	46.00	-16.49	AVG	
7		1.1000	39.73	0.00	39.73	56.00	-16.27	QP	
8		1.1000	25.88	0.00	25.88	46.00	-20.12	AVG	
9		1.6000	38.82	0.00	38.82	56.00	-17.18	QP	
10		1.6000	27.05	0.00	27.05	46.00	-18.95	AVG	
11		19.8500	40.71	0.00	40.71	60.00	-19.29	QP	
12		19.8500	29.69	0.00	29.69	50.00	-20.31	AVG	

*:Maximum data Comment: Factor build in receiver. x:Over limit !:over margin Operator: CSL

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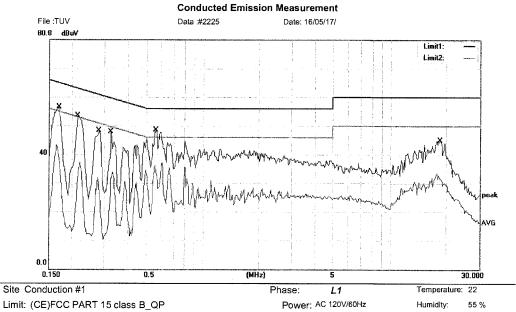
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Humidity:

55 %



Limit: (CE)FCC PART 15 class B_QP

EUT: MID M/N: NS-P107100 Mode: BT Mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBu∀	dB	Detector	Comment
1		0.1700	56.42	0.00	56.42	64.96	-8.54	QP	
2		0.1700	43.35	0.00	43.35	54.96	-11.61	AVG	
3		0.2150	53.42	0.00	53.42	63.01	-9.59	QP	
4		0.2150	37.29	0.00	37.29	53.01	-15.72	AVG	
5	-	0.2800	48.34	0.00	48.34	60.82	-12.48	QP	
6		0.2800	31.91	0.00	31.91	50.82	-18.91	AVG	
7		0.3250	47.91	0.00	47.91	59.58	-11.67	QP	
8		0.3250	33.94	0.00	33.94	49.58	-15.64	AVG	
9	*	0.5600	48.60	0.00	48.60	56.00	-7.40	QP	
10		0.5600	37.15	0.00	37.15	46.00	-8.85	AVG	
11		18.4000	44.96	0.00	44.96	60.00	-15.04	QP	
12		18.4000	33.43	0.00	33.43	50.00	-16.57	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

File: TUV\Data:#2225 Page: 1



Products

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50045654 001

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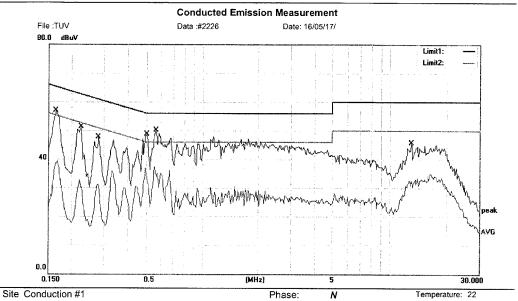
Test Report No.

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
www.emtek.com.on Tel:+86-755-2695 4280 Fax:+86-755-2695 4282



Humidity:

55 %



Power: AC 120V/60Hz

Limit: (CE)FCC PART 15 class B_QP

EUT: MID M/N: NS-P107100 Mode: BT Mode

Note:

No. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBu∀	dB	dBuV	dBu∨	dB	Detector	Comment
1	0.1650	56.93	0.00	56.93	65.21	-8.28	QP	
2	0.1650	38.88	0.00	38.88	55.21	-16.33	AVG	
3	0.2250	51.29	0.00	51.29	62.63	-11.34	QP	
4	0.2250	32.68	0.00	32.68	52.63	-19.95	AVG	
5	0.2800	47.77	0.00	47.77	60.82	-13.05	QP	
6	0.2800	31.20	0.00	31.20	50.82	-19.62	AVG	
7	0.5050	48.68	0.00	48.68	56.00	-7.32	QP	
8	0.5050	36.89	0.00	36.89	46.00	-9.11	AVG	
9 *	0.5650	50.17	0.00	50.17	56.00	-5.83	QP	
10	0.5650	37.39	0.00	37.39	46.00	-8.61	AVG	
11	13.0250	45.71	0.00	45.71	60.00	-14.29	QP	
12	13.0250	33.29	0.00	33.29	50.00	-16.71	AVG	****

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

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6. Photographs of the Test Set-Up

Photograph 1: Set-up for Spurious Emissions for below 30MHz



Photograph 2: Set-up for Spurious Emissions for 30 - 1000MHz



TÜVRheinland®

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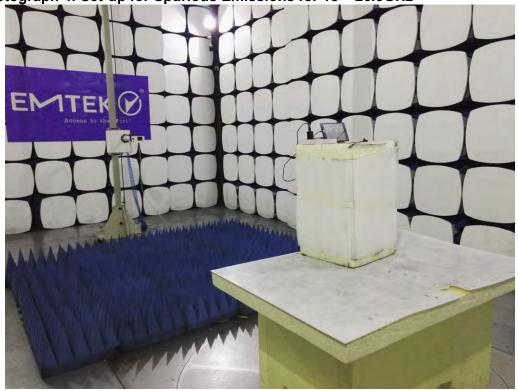
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Photograph 3: Set-up for Spurious Emissions for 1 - 18GHz



Photograph 4: Set-up for Spurious Emissions for 18 – 26.5GHz





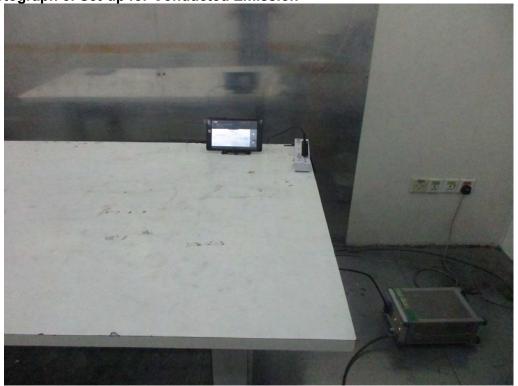
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Photograph 5: Set-up for Conducted Emission





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