

Appendix 1

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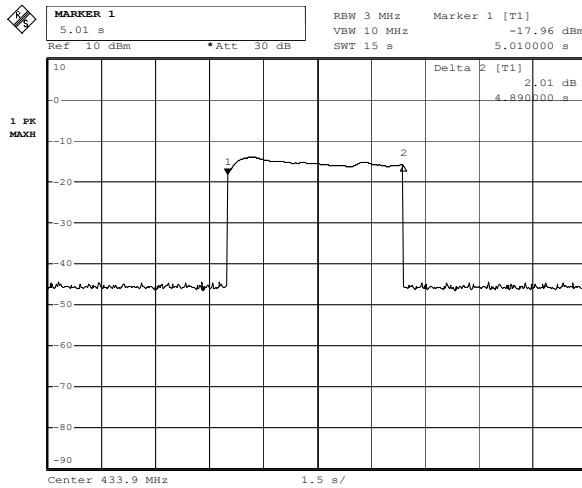


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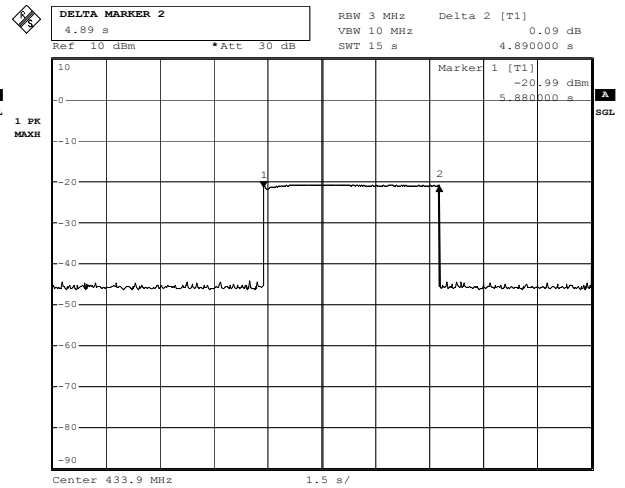
Prüfbericht - Nr.:
Test Report No.

14009427 002

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Date: 1.SEP.2005 16:16:29



Date: 1.SEP.2005 16:19:25

The above data graphs show the transmitter performance of the auto on/off switch.

The left hand side was the alarm clock signal triggering the receiver on. The transmission signal ceased after 4.89s.

The right hand side was the alarm clock signal triggering the receiver off. The transmission signal ceased after 4.89s.

In between the two signals, there is no transmission exist. Both automatic transmission signals meet part 15.231 (a)(2) requirement.

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DELTA MARKER 3

24 kHz

Ref 10 dBm

*Att 30 dB

*RBW 10 kHz

Delta 3 [T1]

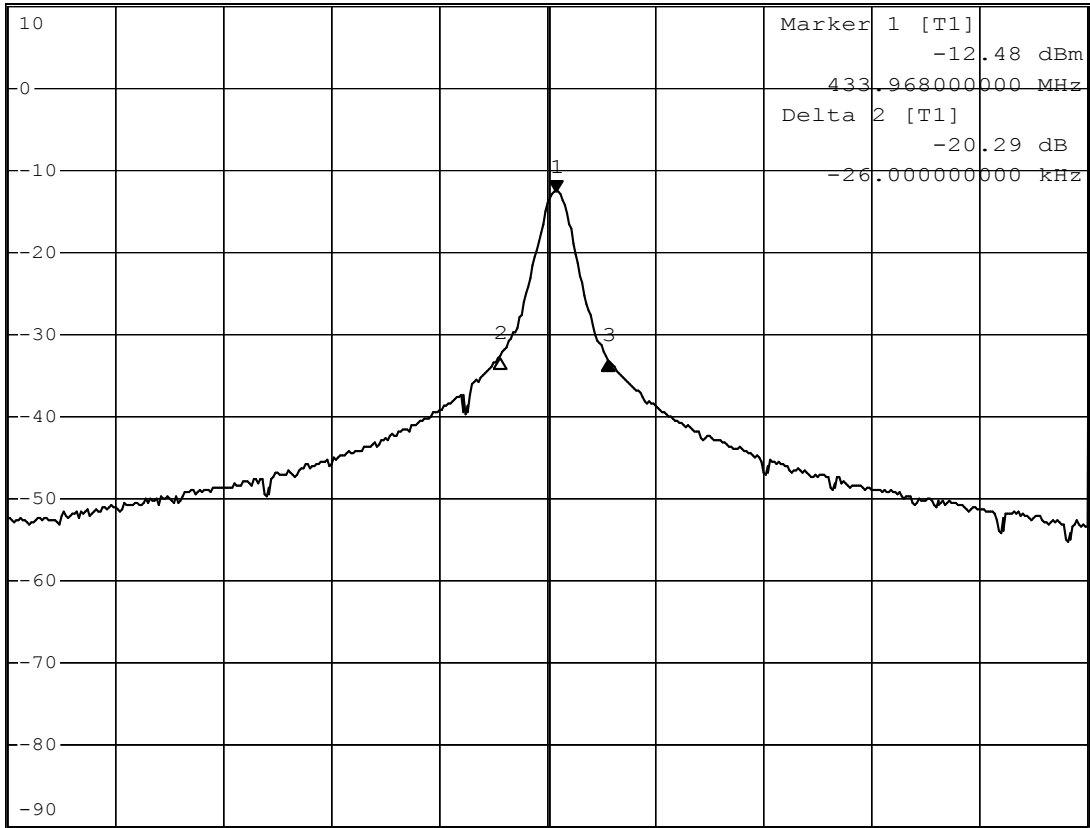
*VBW 1 MHz

-20.40 dB

SWT 5 ms

24.000000000 kHz

1 PK
MAXH



Center 433.964 MHz

50 kHz/

Span 500 kHz

Date: 1.SEP.2005 16:37:02

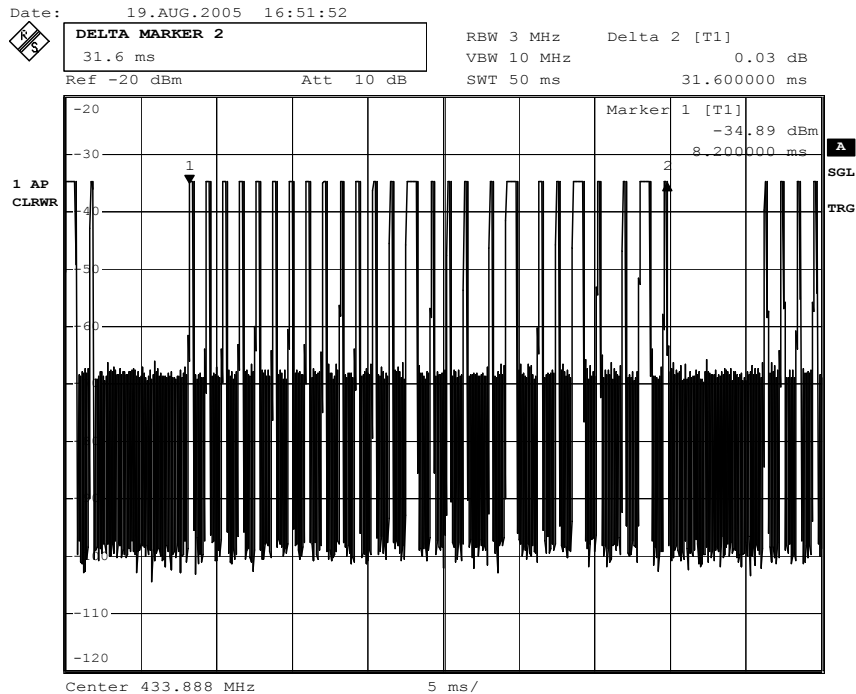
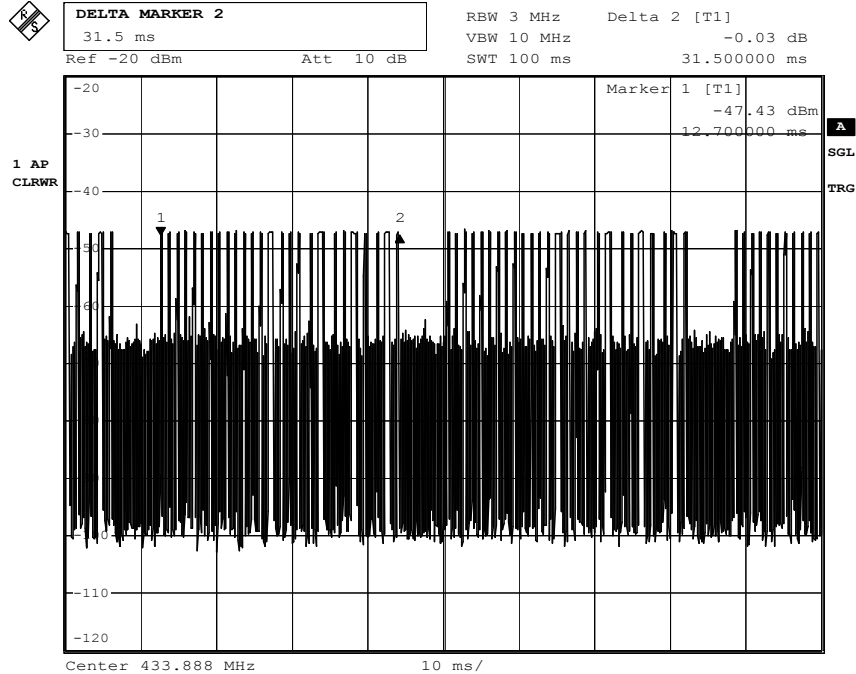
Bandwidth measurement.

Appendix 1

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Date: 19.AUG.2005 16:53:38

- The graph shows the pattern of coding during the signal transmission.
- One packet duration time is around 31.6ms.
- There are 4 long and 22 short 'on' signal.

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DELTA MARKER 2

784 μ s

Ref -20 dBm

Att 10 dB

RBW 3 MHz

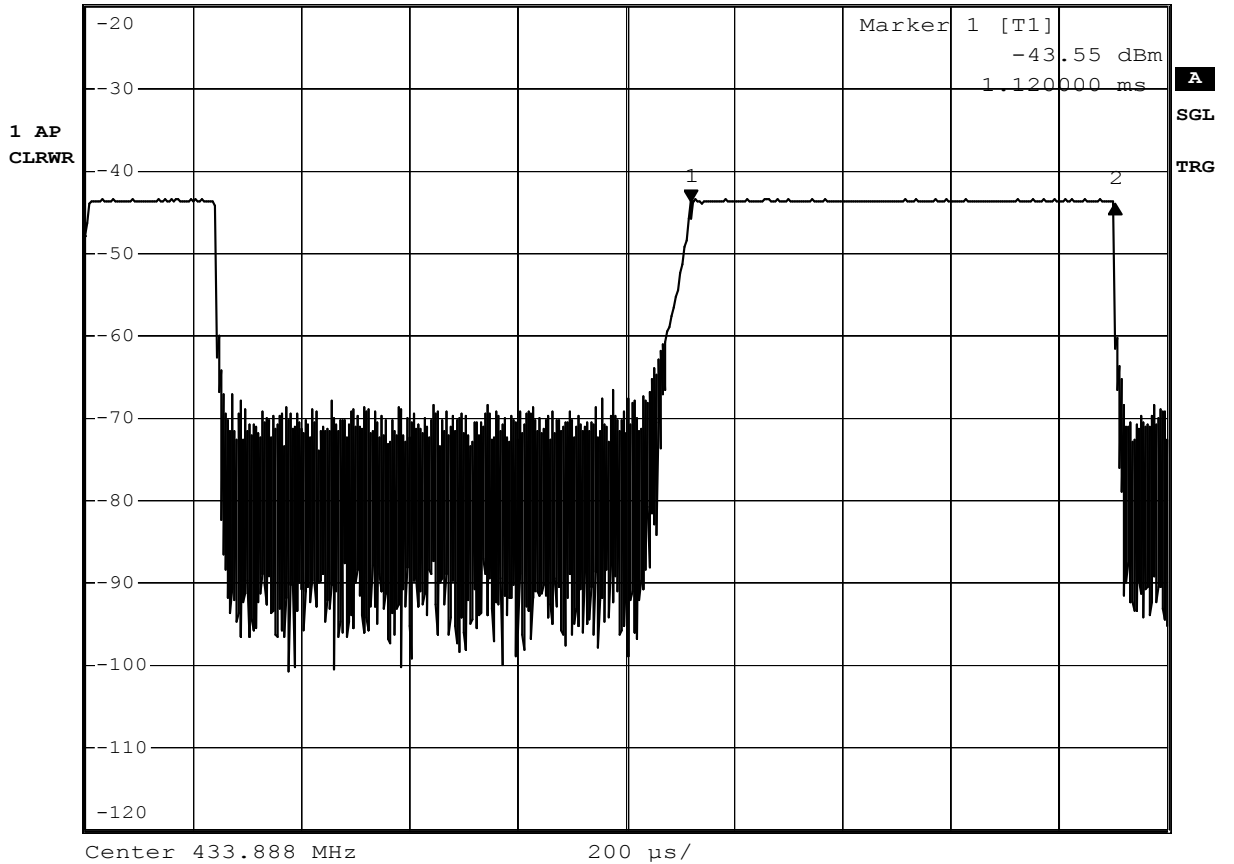
Delta 2 [T1]

VBW 10 MHz

-0.12 dB

SWT 2 ms

784.000000 μ s



Date: 19.AUG.2005 16:55:13

- The graph shows the duration of long 'on' signal, from marker 1 to marker 2 indicates 784 μ s.

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DELTA MARKER 2

232 μ s

Ref -20 dBm

Att 10 dB

RBW 3 MHz

VBW 10 MHz

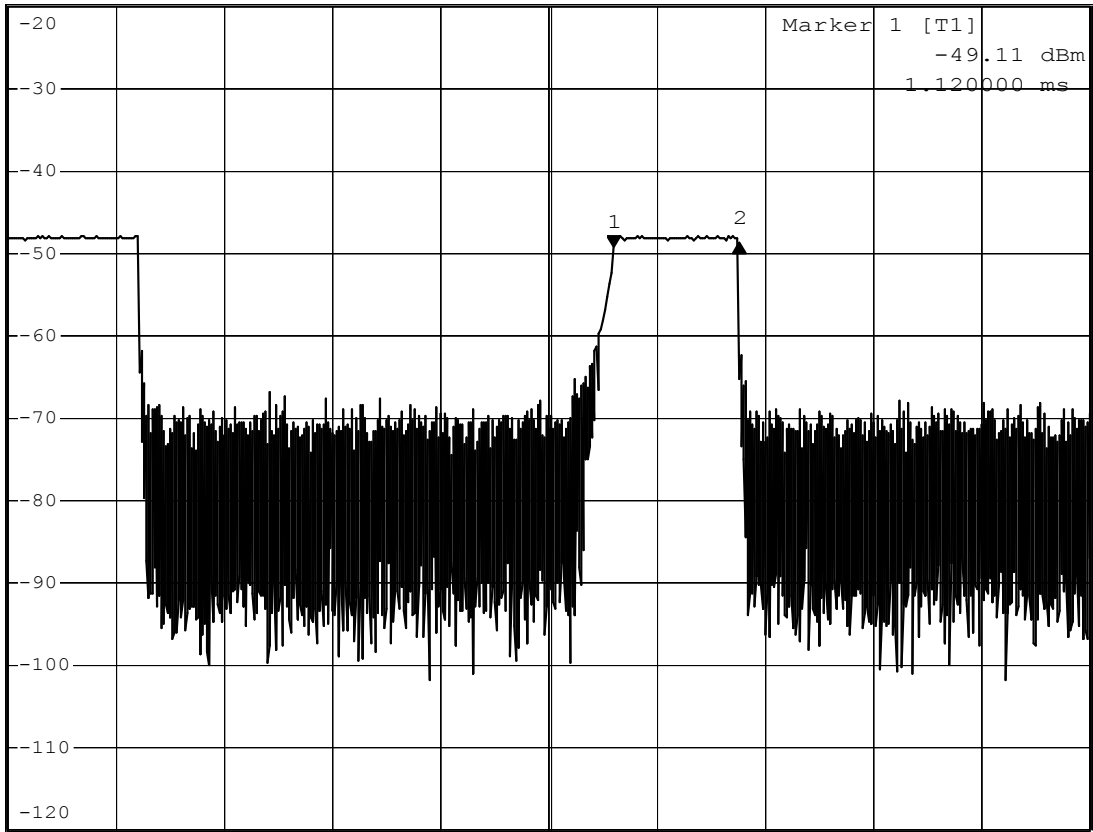
SWT 2 ms

Delta 2 [T1]

0.52 dB

232.000000 μ s

1 AP
CLRWR



Center 433.888 MHz

200 μ s/

Date: 19.AUG.2005 16:54:41

- The graph shows the duration of short 'on' signal, from marker 3 to marker 4 indicates 232 μ s.
- Therefore, the total signal 'on' time of one successful period is $(784\mu\text{s} \times 4) + (232\mu\text{s} \times 22) = \mathbf{8.24\text{ms}}$.

Average factor: $20 \log (8.24 / 31.6) = \mathbf{-11.68\text{dB}}$.

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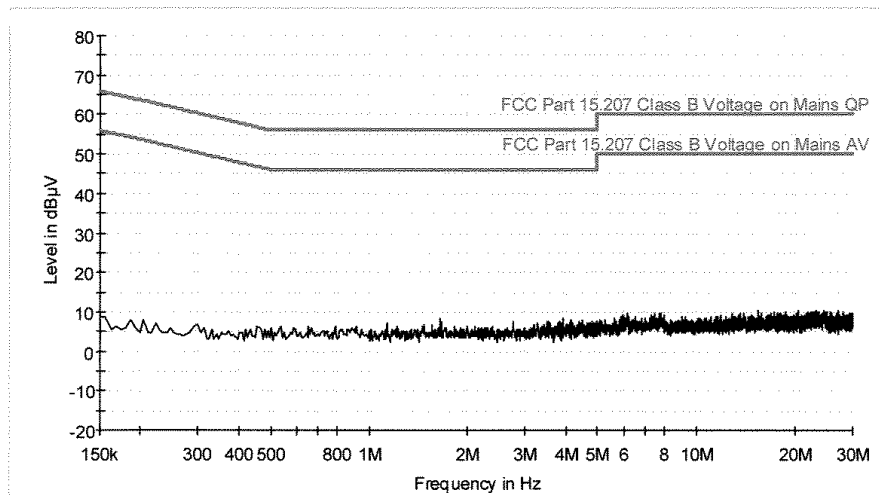
TUV Rheinland Hong Kong Limited

Conducted Emission

Test Information

EUT Name:	Weather Station
Serial Number:	RM998PA (050425017/ 050909017)
Test Description:	FCC Part 15.207
Operating Conditions:	ON
Operator Name:	KONGHIU
Comment:	100V
Description:	L1

Conducted Emission (FCC-P.15) - Class B



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Conducted Emission

Test Information

EUT Name:	Weather Station
Serial Number:	Rm998 PA (050425017 /050909017)
Test Description:	FCC Part 15.207
Operating Conditions:	ON
Operator Name:	KONGHIU
Comment:	100V
Description:	N

Conducted Emission (FCC-P.15) - Class B

