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Vincit Omnia Veritas

SRD,RFID信号测试





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Zigbee 信道频率

- 短距离通信设备(SRD)工作频段
315MHz、433MHz、868MHz、915MHz和2400MHz.
- SRD作为远程控制器
- SRD也可以像RFID一样工作，例如无线传感器，电子标签和小型无线系统.
- 被动式RFID工作在 13.56MHz



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CC2511演示板接入测试

1: TSA5G35 连接到 CC2511 演示板

2: CC2511 演示板安装在 SmartRF 04 评价板上, 被 SmartRF studio 控制

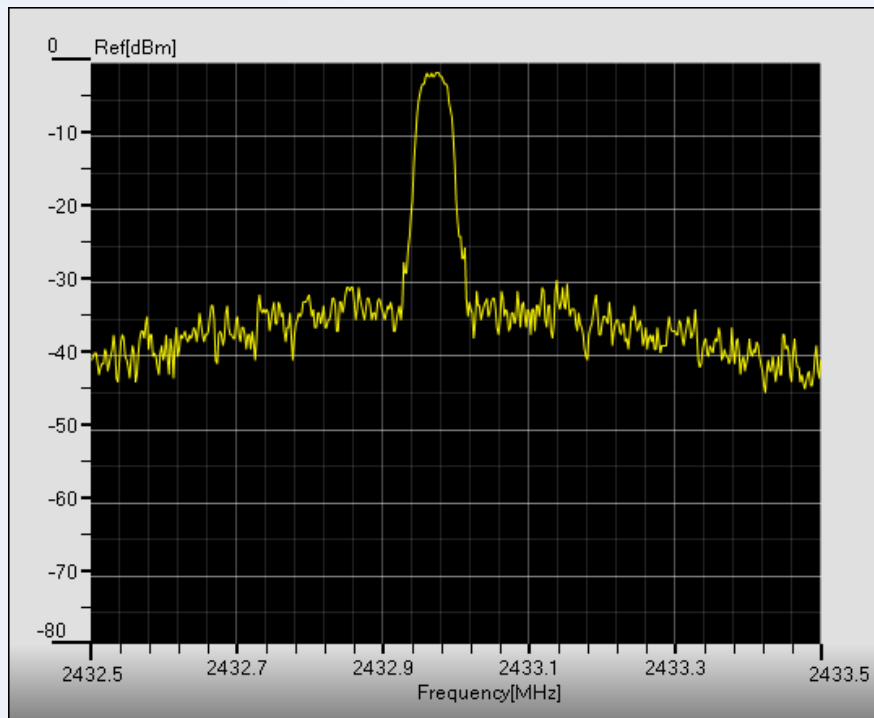




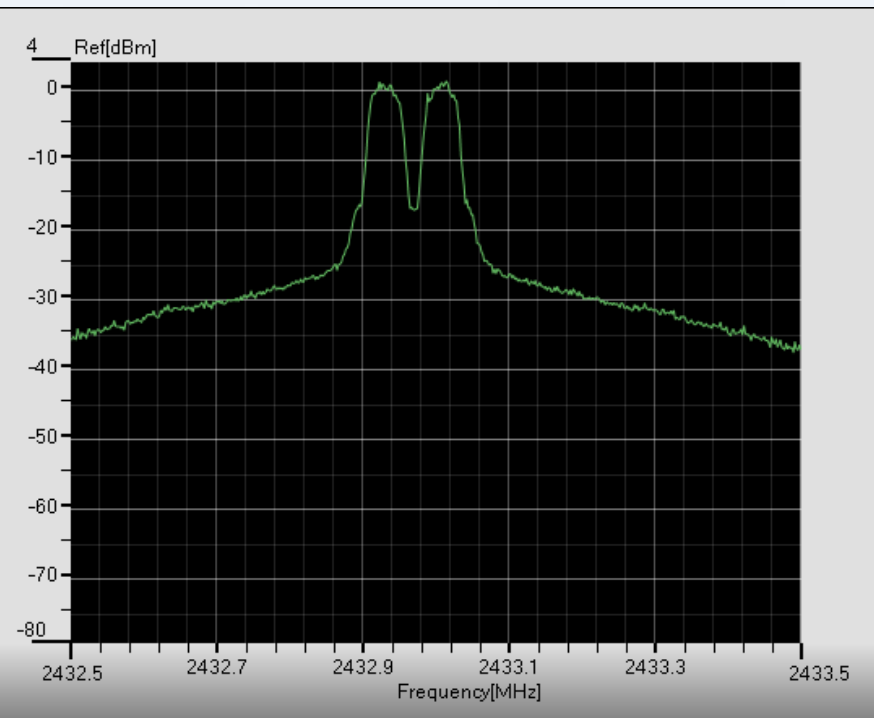
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CC2511 演示板接入测试



Carry signal, Freq=2433MHz
SPAN=1MHz,
Sweep time=x1



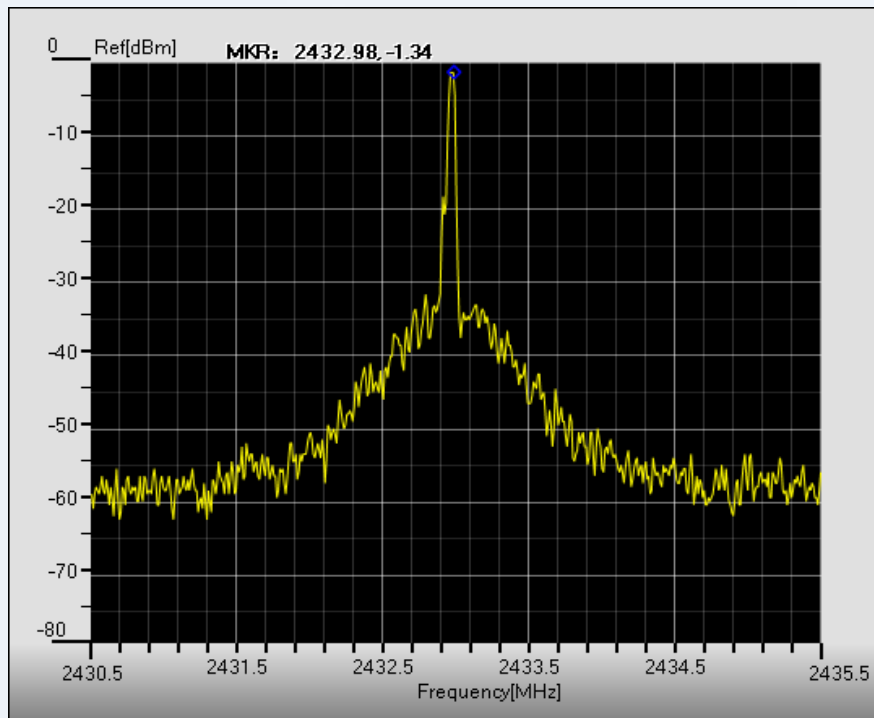
10Kbps FSK modulation
SPAN=1MHz
Sweep time=x2



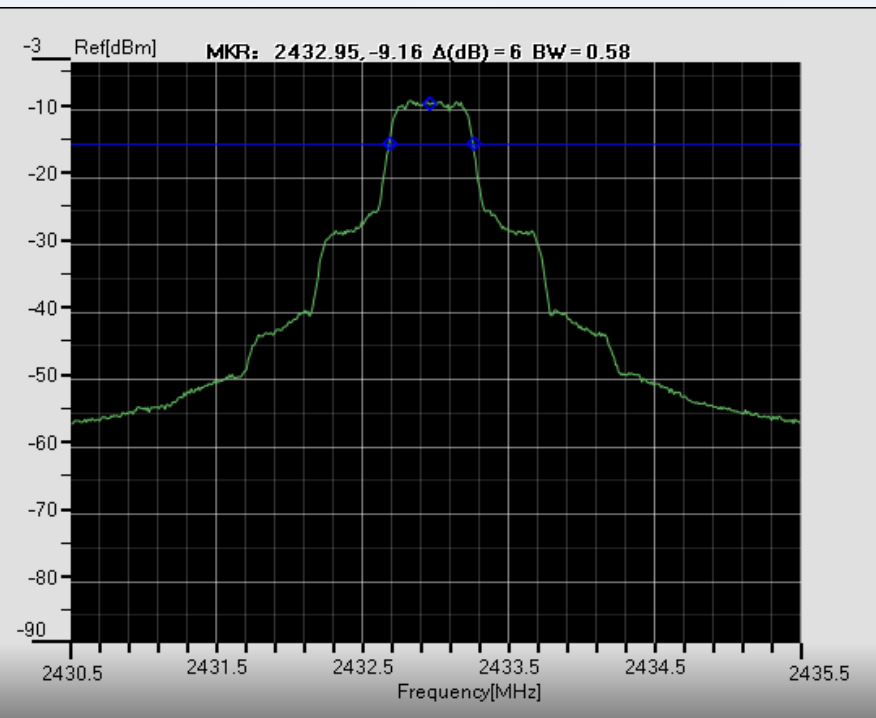
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CC2511 演示板测试



Carrier signal, Freq=2433MHz
SPAN=5MHz,
Sweep time=x1



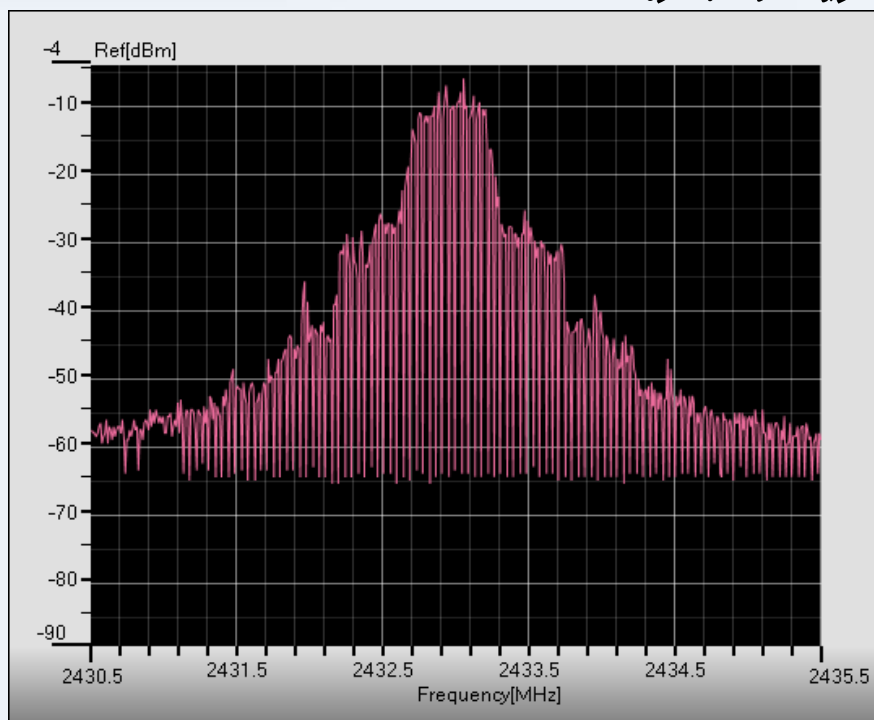
500Kbps MSK modulation
SPAN=5MHz
Sweep time=x2



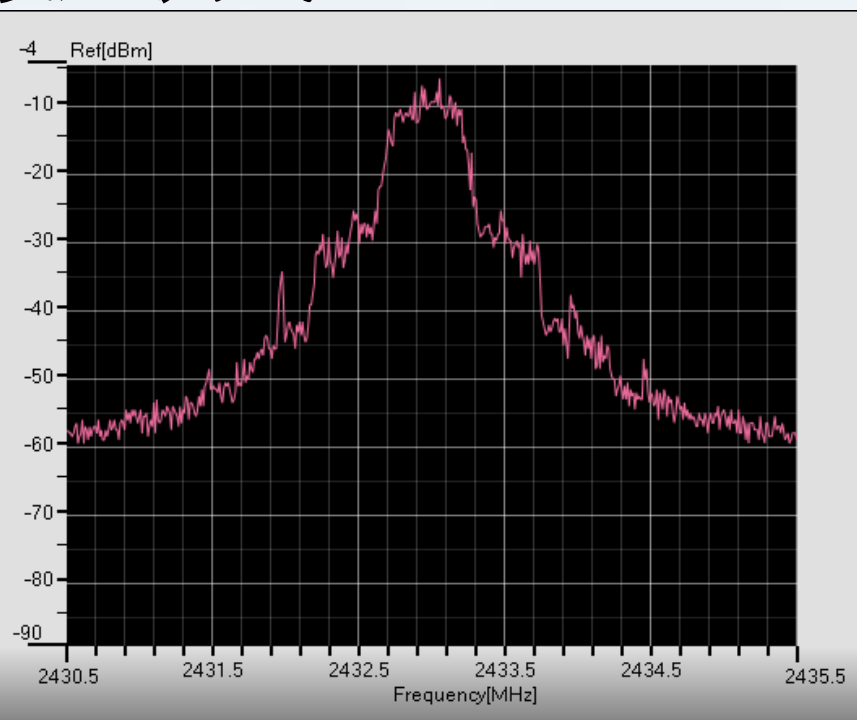
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CC2511 演示板接入测试



500Kbps MSK, packet TX
SPAN=5MHz,
Sweep time=x2, short time testing



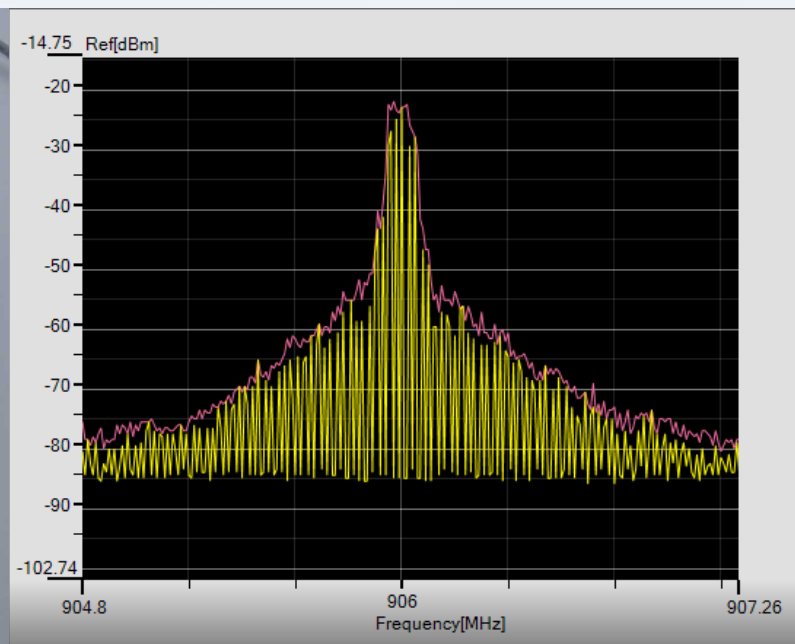
500Kbps MSK, packet TX
SPAN=5MHz
Sweep time=x2 long time testing



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CC430F6137 演示板辐射测试



EM430F6137RF900 评估模块

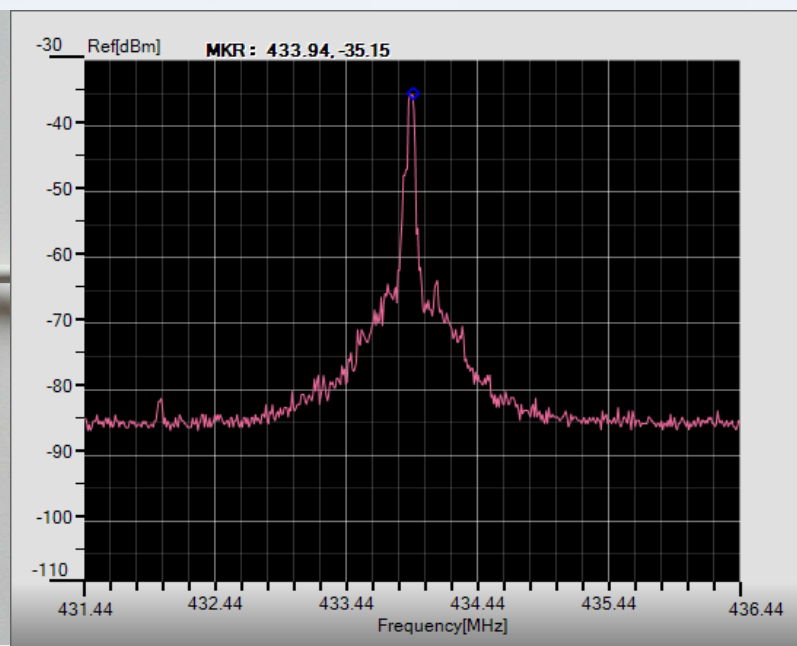
评估板工作在 906MHz



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远程控制器辐射测试



远程控制器测试

远程控制器工作在433.94MHz



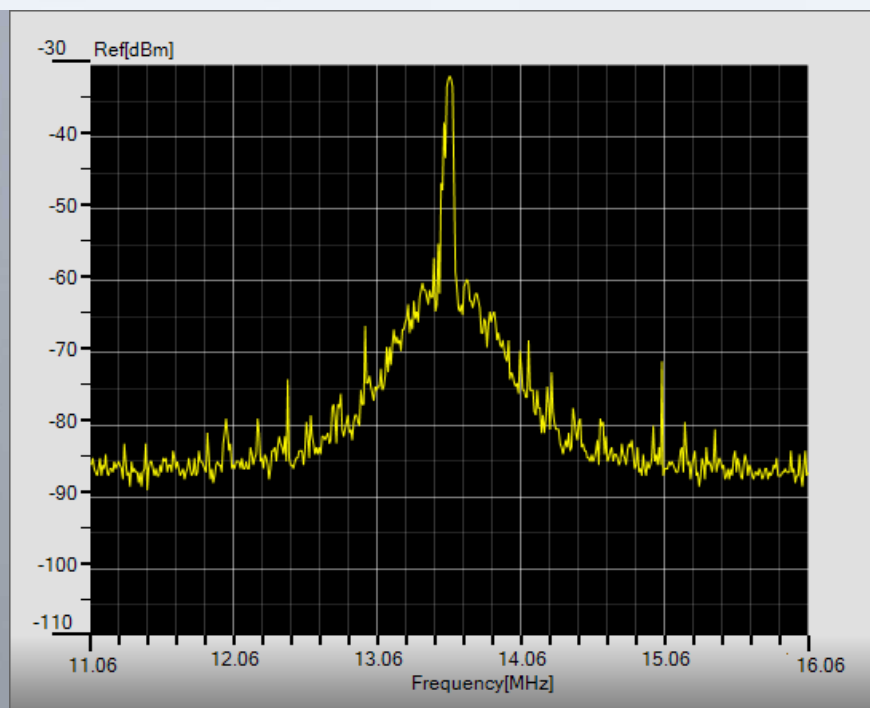
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TRF7960演示板辐射测试



TRF7960 评估模块



评估板工作在13.56MHz