

Dear Konerig:
Below please find our SAR engineer's answer to your question.
If there is any question, please feel free to let me know.

Thanks

Best Regards,

Miles Xu

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 *please consider the environment before printing this email*

From: Xue, Peter (Shanghai)

Sent: 2006 年 6 月 30 日 10:46

To: Xu, Miles (Shanghai)

Cc: Yuan, Zhiang (Shanghai); Xie, Alpha (Shanghai); Ni, Will (Shanghai); Ruan, Roger (Shanghai)

Subject: RE: FCC Application for Sagem Communication - FCC ID: M9HE2006

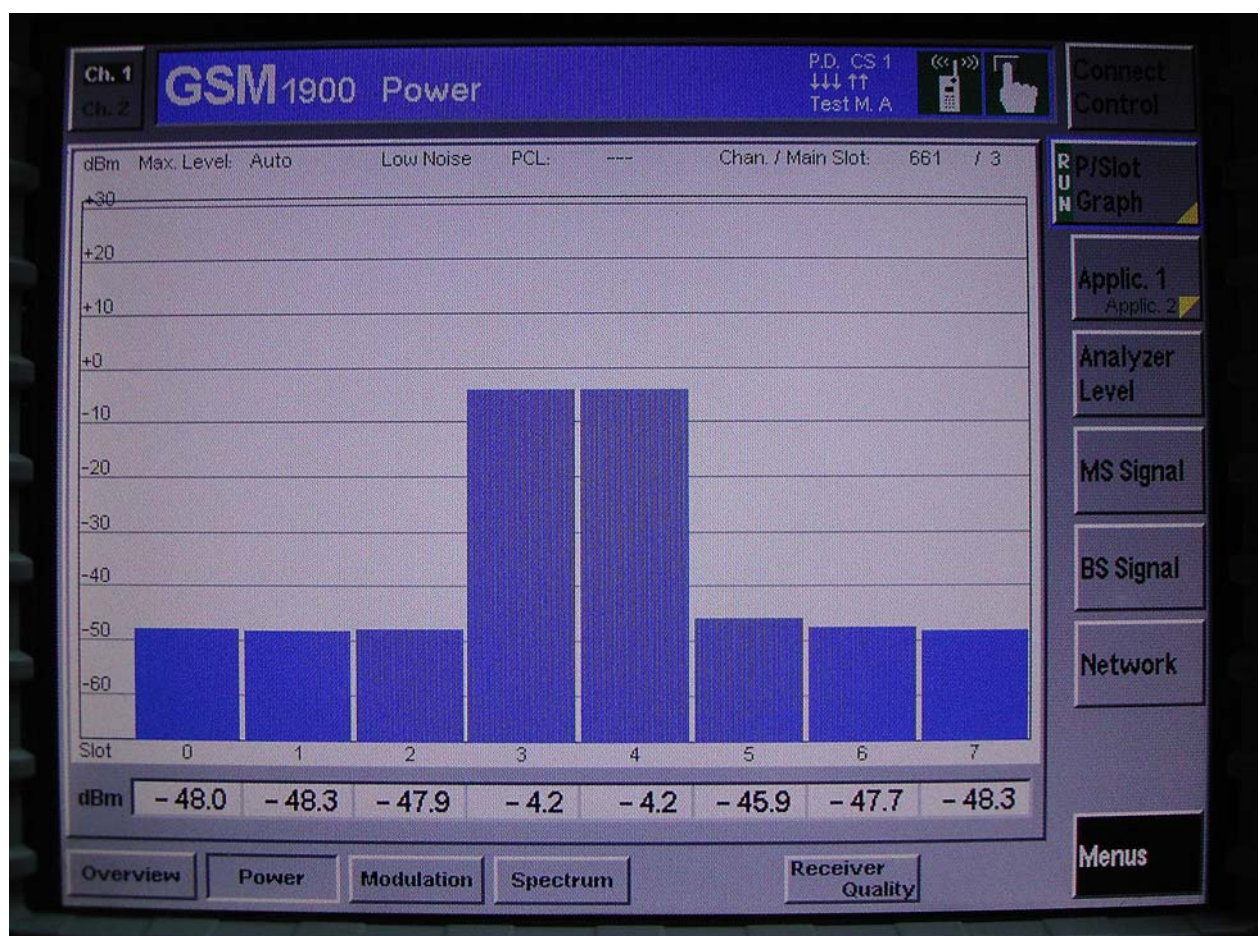
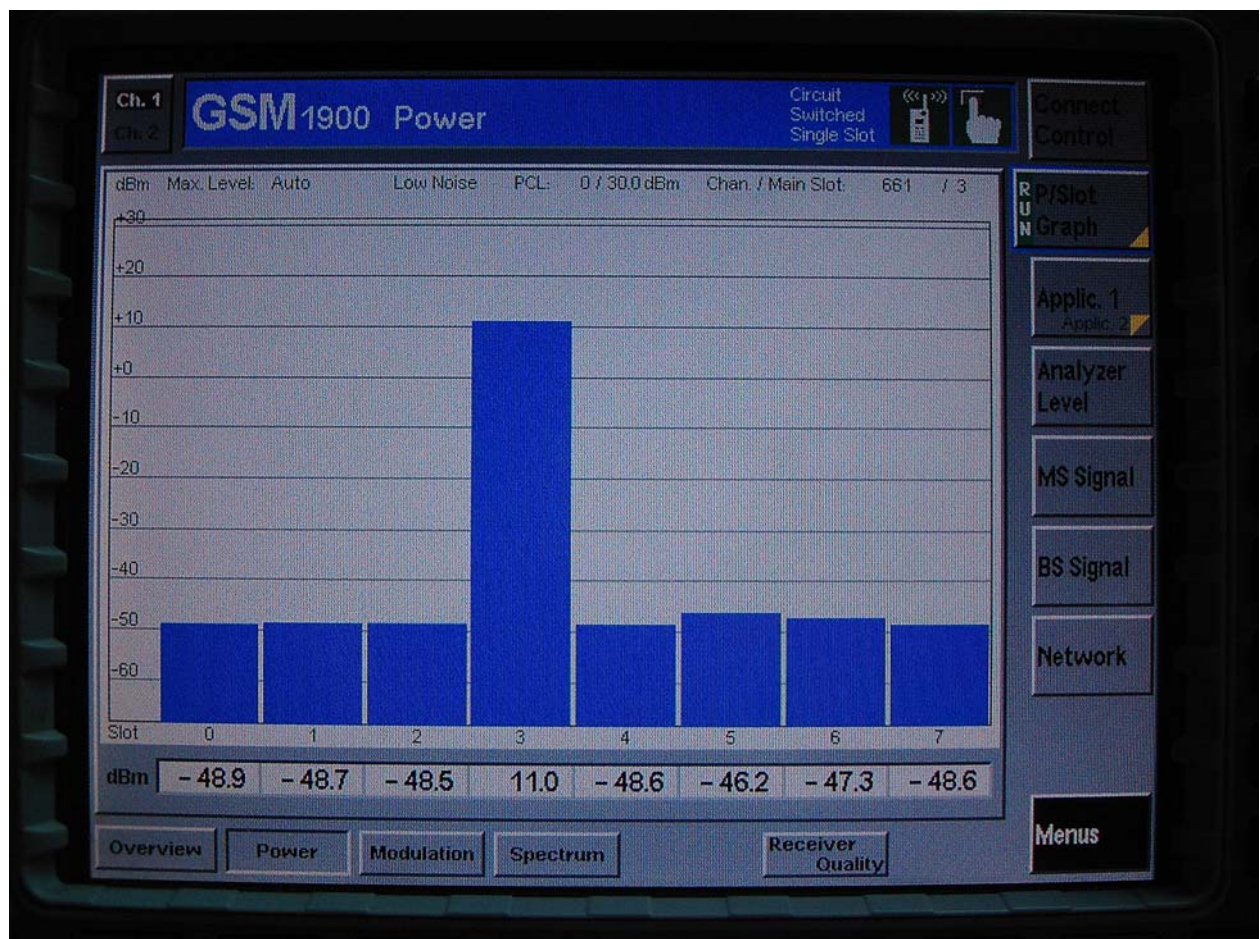
Dear Miles,

There is just one timeslot transmission for GSM mode, and 2 timeslots transmission for GPRS Class 10. But the output power for one GSM timeslot is higher than one GPRS timeslot. The output power for multi-slot GPRS mode is equal to or just a little higher than GSM mode, in order to achieve power control. For example, the output power should not exceed 33dBm+/-3dB for GSM900 Power Class4 at PCL5, and same limit for GPRS900 Power Class4 at PCL5.

By our experience, the SAR value for multi-slot GPRS is a little higher than GSM mode usually. But sometimes, the SAR value of multi-slot GPRS and GSM are almost same, even a little small.

Please refer to the enclosed screen capture for GSM output power and GPRS multi-slot output power on CMU200.

Regards
Peter Xue



From: Xu, Miles (Shanghai)
Sent: Friday, June 30, 2006 8:54 AM
To: Xue, Peter (Shanghai); Ni, Will (Shanghai); Ruan, Roger (Shanghai)
Cc: Yuan, Zhiang (Shanghai); Xie, Alpha (Shanghai)
Subject: FW: FCC Application for Sagem Communication - FCC ID: M9HE2006

Dear Will and Peter;
Please help in the EMCC questions.

Best Regards,

Miles Xu

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 *please consider the environment before printing this email*

From: Klaus Knoerig [mailto:kknoerig@emcc.de]
Sent: 2006 年 6 月 30 日 0:19
To: Xu, Miles (Shanghai)
Subject: FCC Application for Sagem Communication - FCC ID: M9HE2006

Dear Miles

I have one comment regarding the SAR report for this project.

The measured SAR values for GPRS in body-worn configuration are almost the same as in GSM mode. But what I expect is an increase of SAR values by a factor of 2. GPRS Class 10 uses 2 time slots for uplink. So theoretically the average power would be twice as high as for normal GSM mode and also the SAR values should increase by a factor of 2. Can you please explain? Maybe testing was performed at the wrong distance? Or maybe the device was not in GPRS mode while testing?

Please check!

Best regards,
Klaus Knoerig