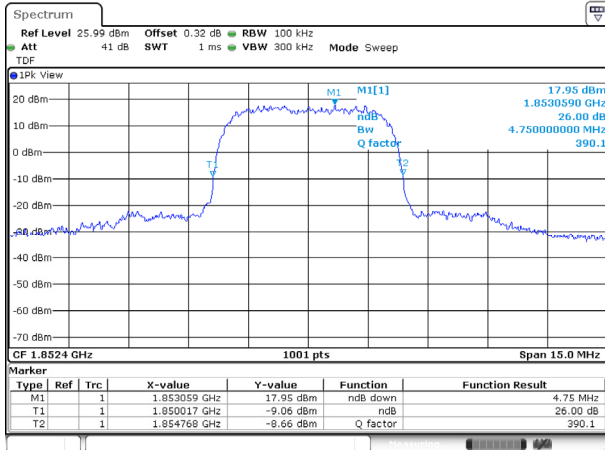
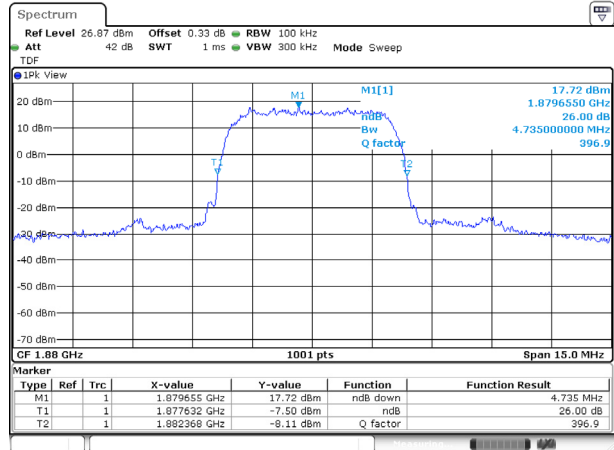
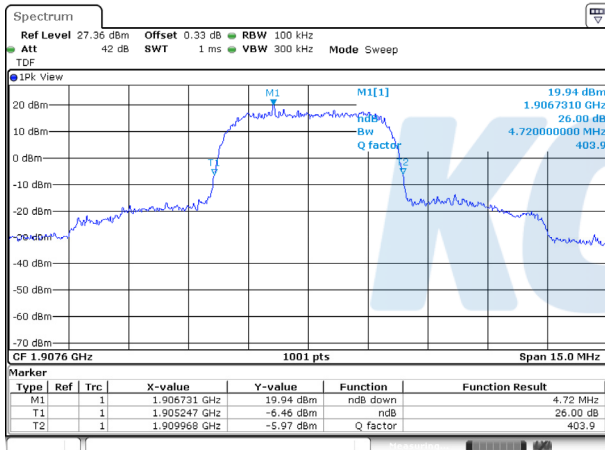
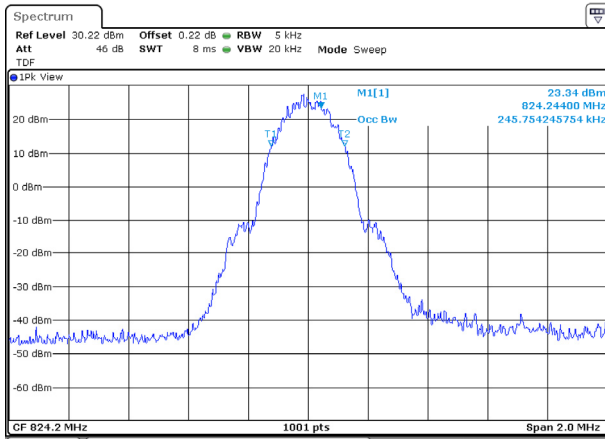
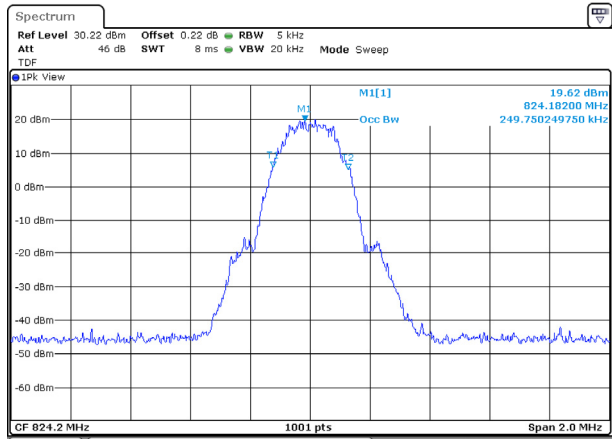
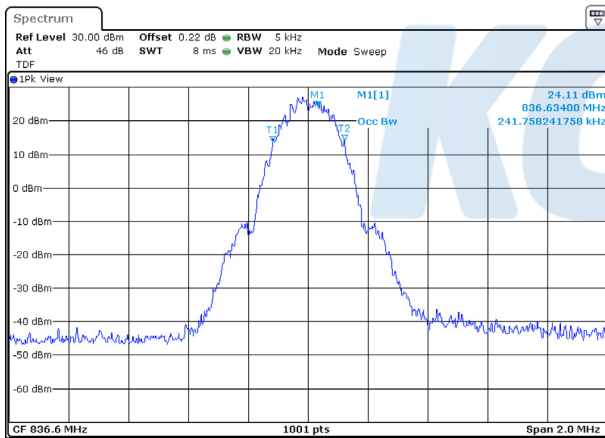
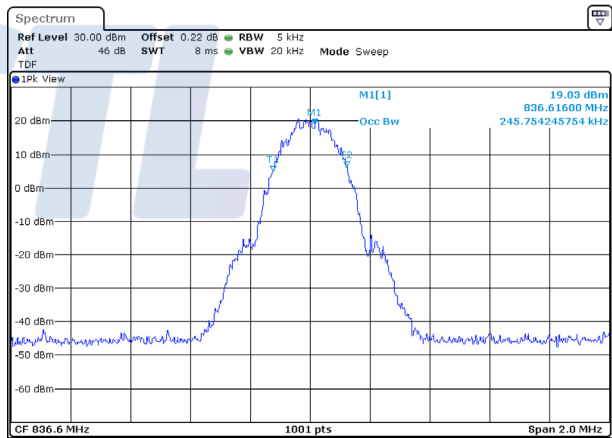
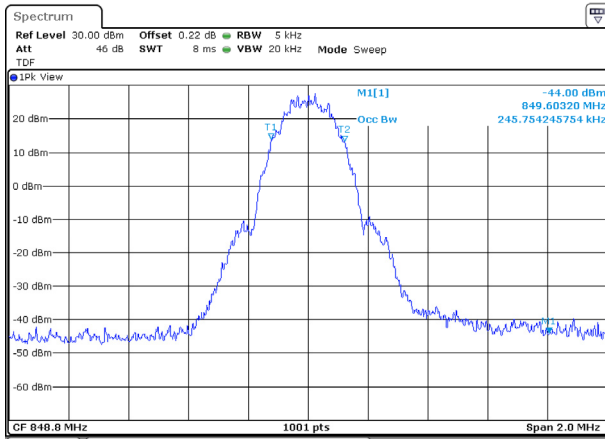
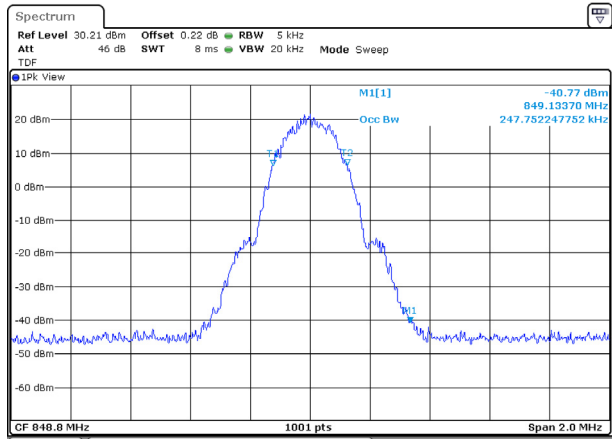
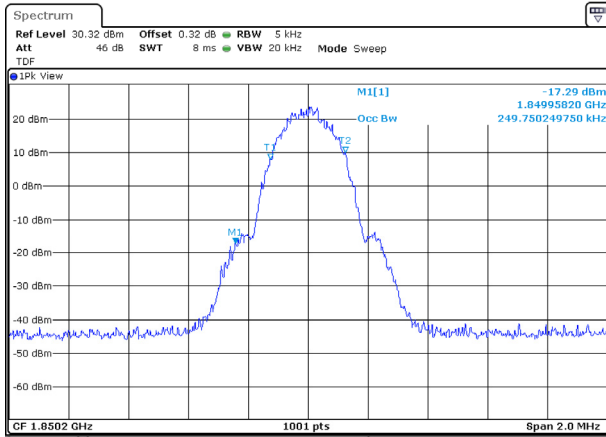
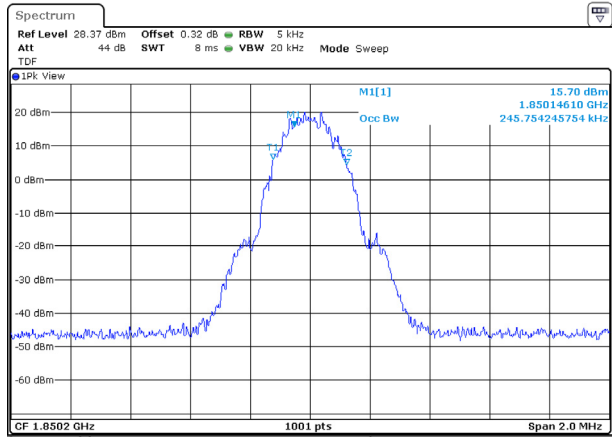
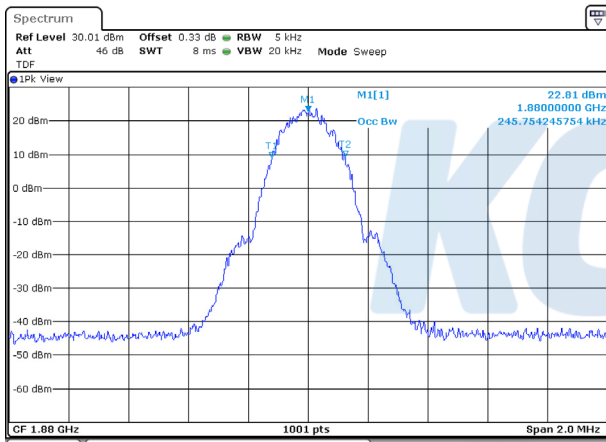
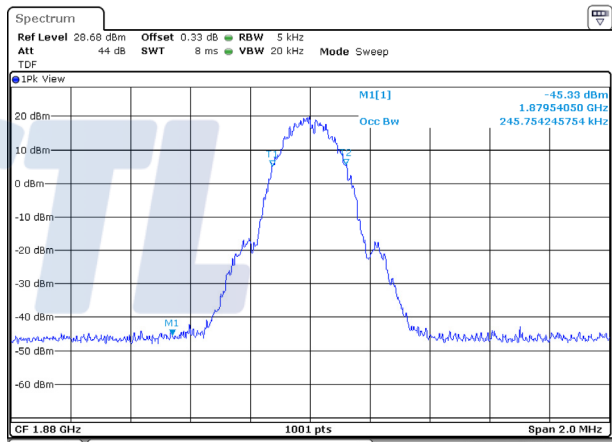
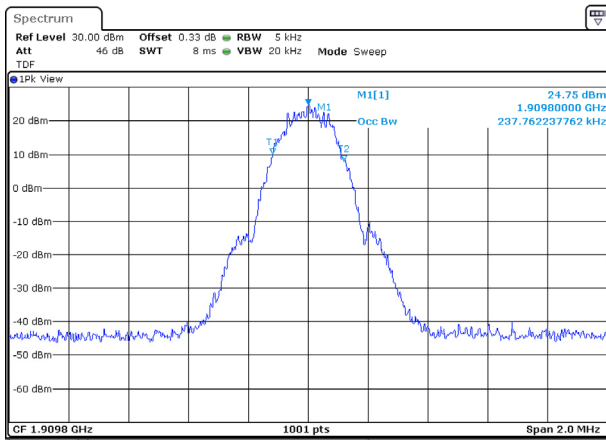
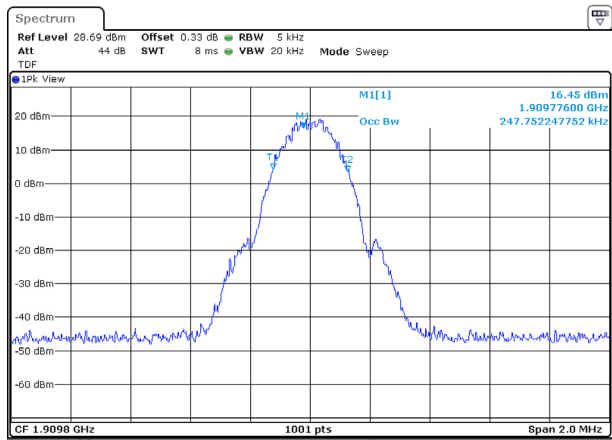
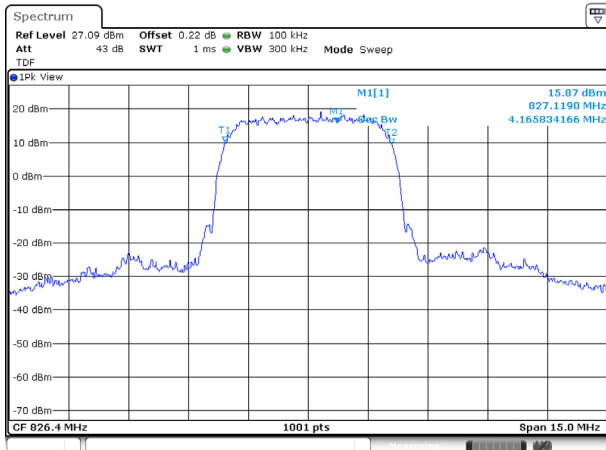
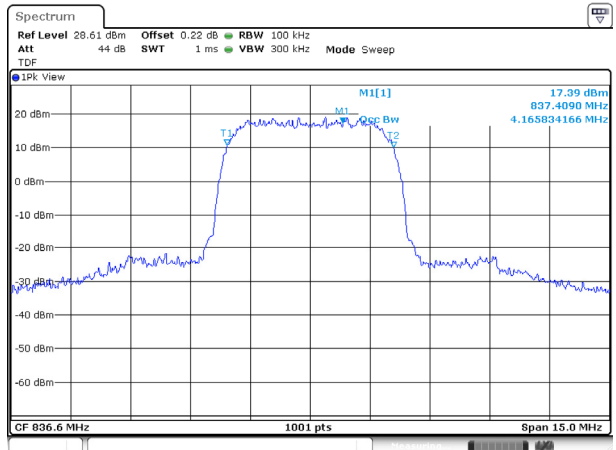
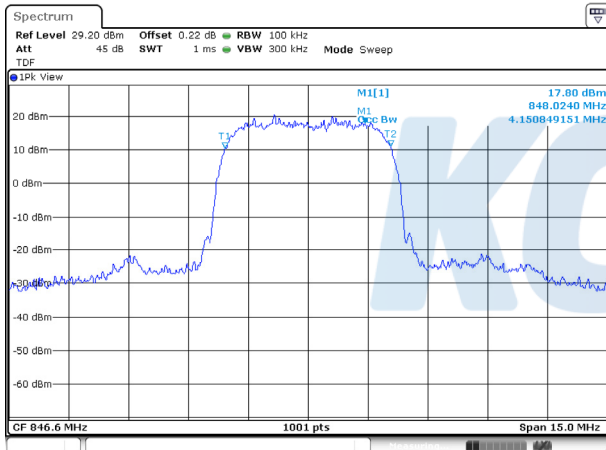


**Test mode: WCDMA 1900****RMC Low ch.****RMC Mid ch.****RMC High ch.**

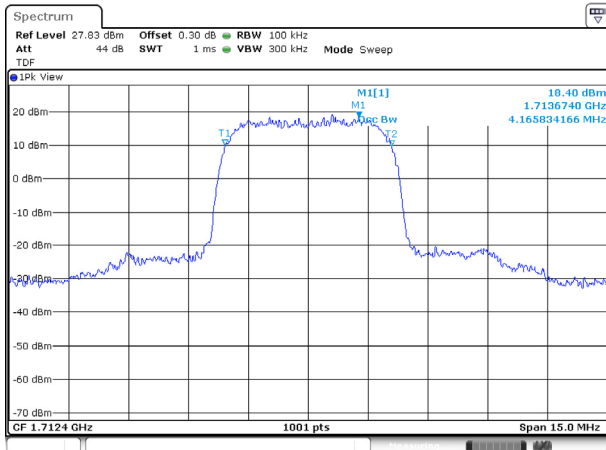
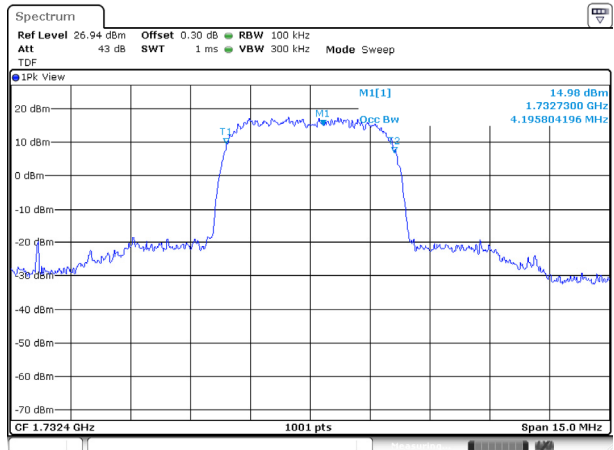
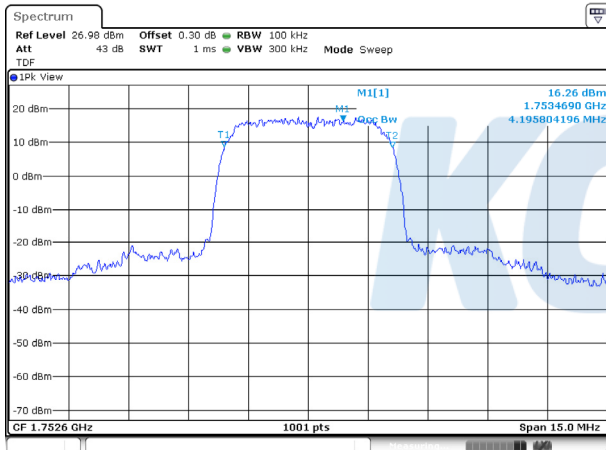
Blank

**99% Occupied Bandwidth****Test mode: GSM 850****GSM / Low ch.****EDGE / Low ch.****GSM / Mid ch.****EDGE / Mid ch.****GSM / High ch.****EDGE / High ch.**

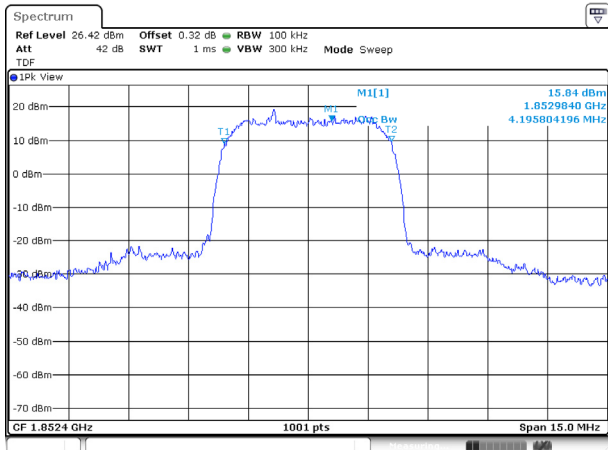
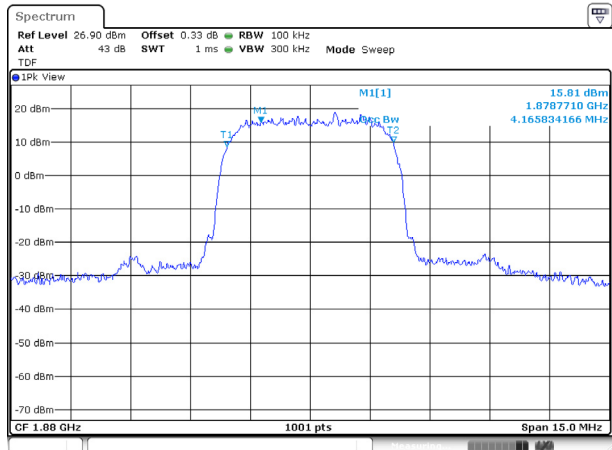
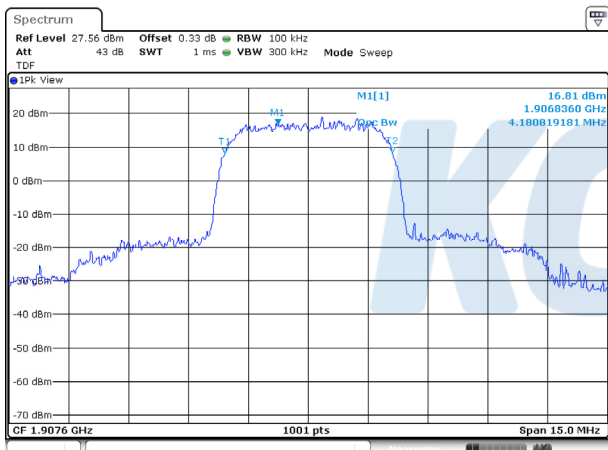
**Test mode: GSM 1900****GPRS / Low ch.****EDGE / Low ch.****GPRS / Mid ch.****EDGE / Mid ch.****GPRS / High ch.****EDGE / High ch.**

**Test mode: WCDMA 850****RMC Low ch.****RMC Mid ch.****RMC High ch.**

Blank

**Test mode: WCDMA 1700****RMC Low ch.****RMC Mid ch.****RMC High ch.**

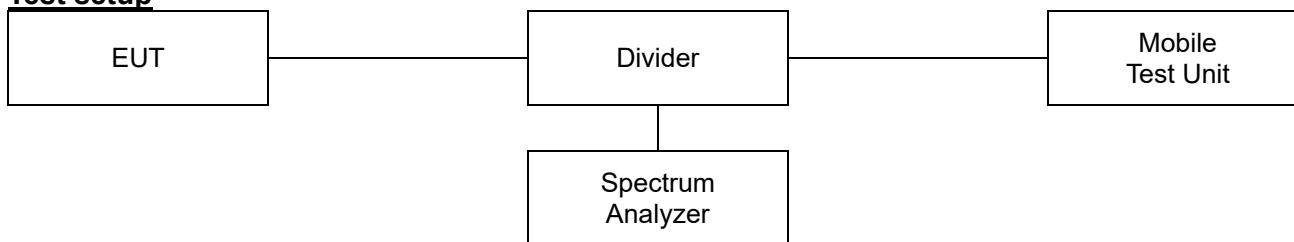
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**Test mode: WCDMA 1900****RMC Low ch.****RMC Mid ch.****RMC High ch.**

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### 7.3. Spurious Emissions at Antenna Terminal

#### Test setup



#### Limit

According to §22.917(a), §24.238(a), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10\log(P)$  dB.

According to §27.53(h), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10\log(P_{\text{[Watts]}})$  dB.

#### Test procedure

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 ANSI 63.26-2015 – Section 5.7

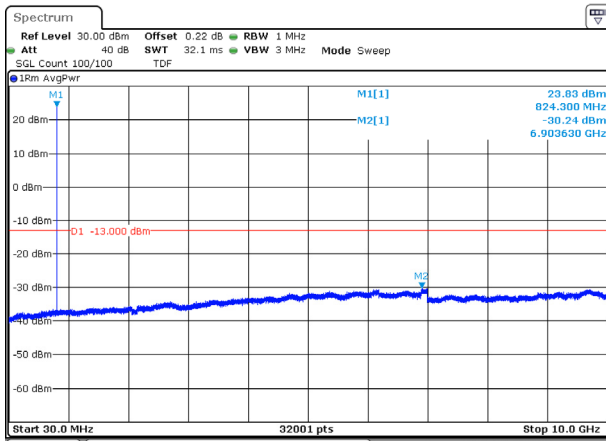
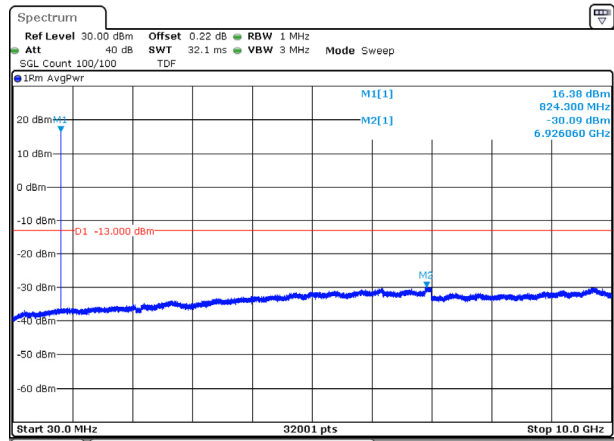
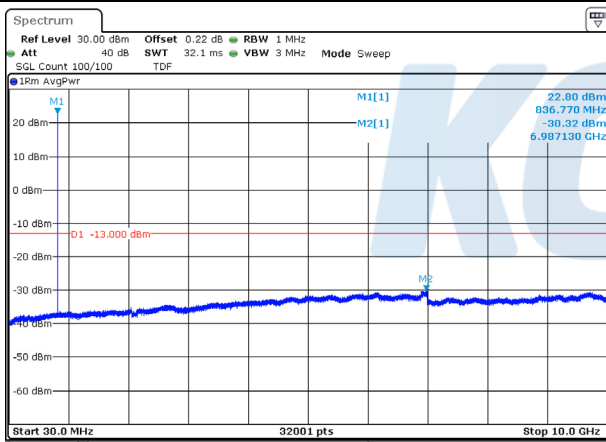
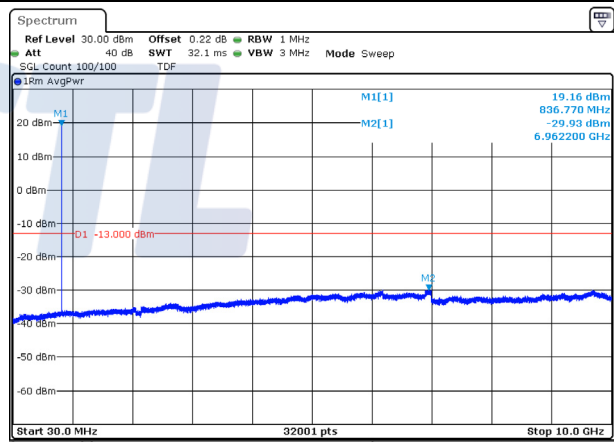
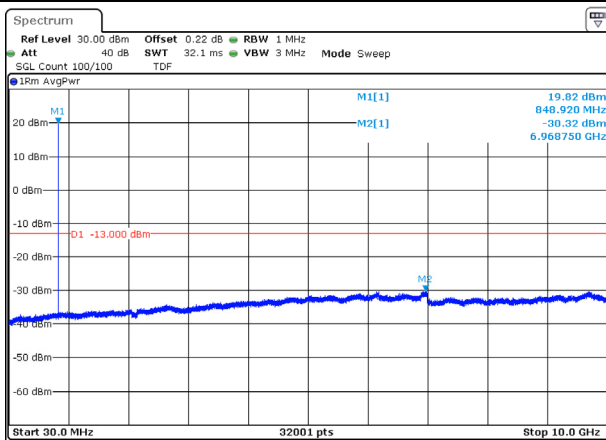
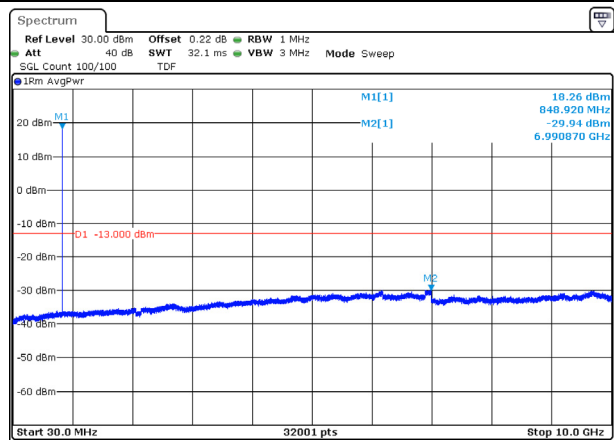
#### Test settings

- 1) Start frequency was set to 30 MHz and stop frequency was set to at least 10<sup>th</sup> the fundamental frequency.
- 2) Detector = RMS
- 3) Sweep time = auto couple.
- 4) Trace mode = trace average
- 5) Allow trace to fully stabilize.
- 6) Please see test notes below RBW and VBW settings.

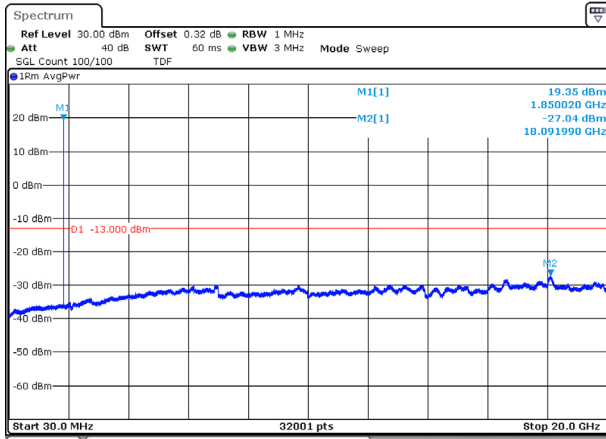
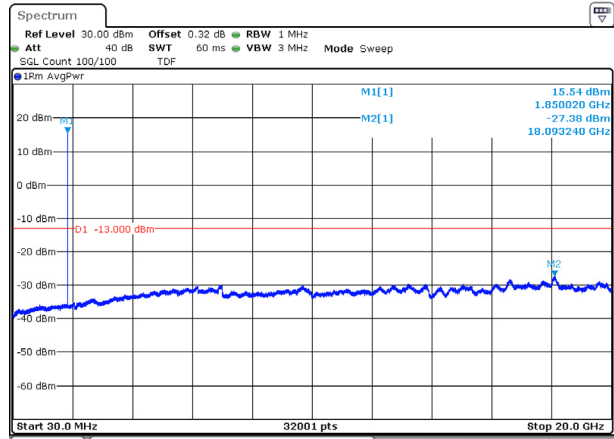
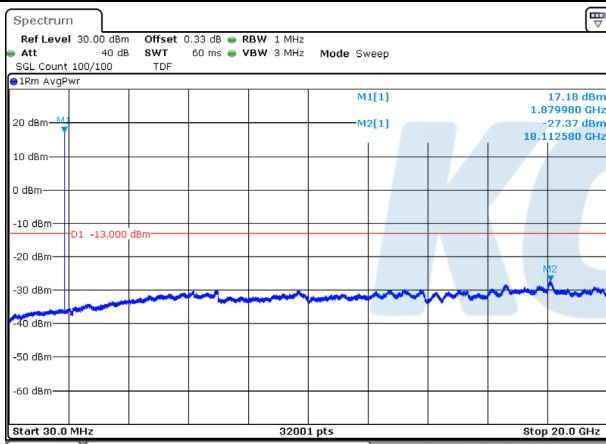
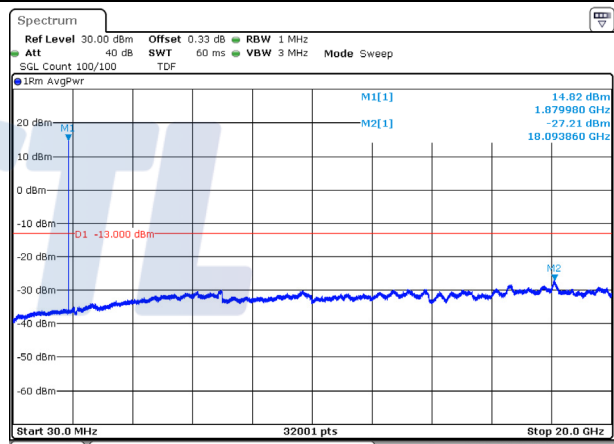
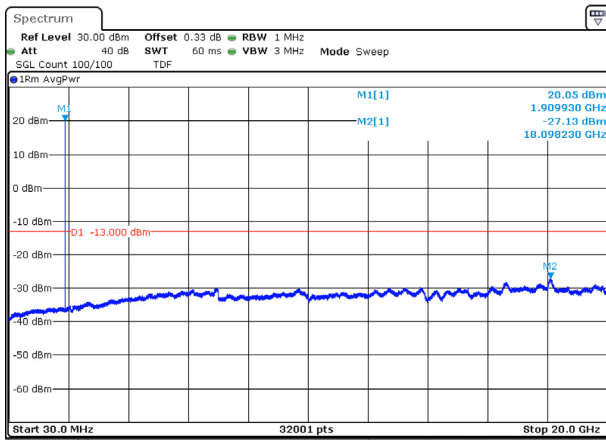
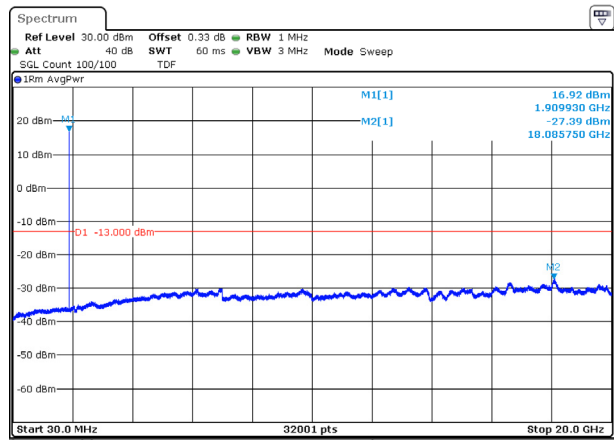
#### Notes:

1. Per 22.917(b), 24.238(b), 27.53(h), compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater for frequencies less than 1 GHz and 1 MHz or greater for frequencies greater than 1 GHz.

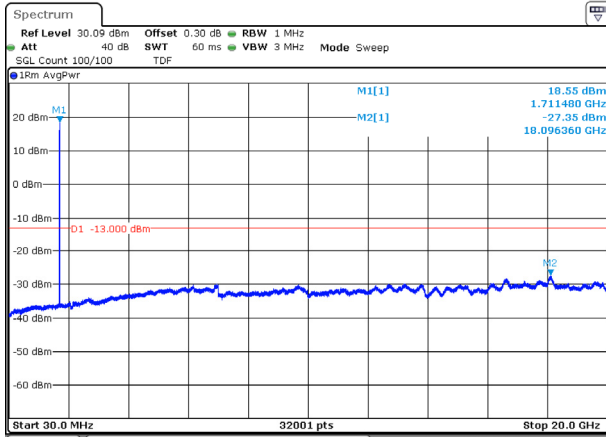
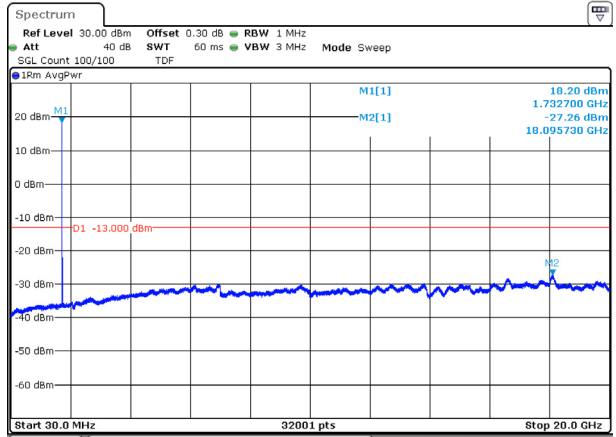
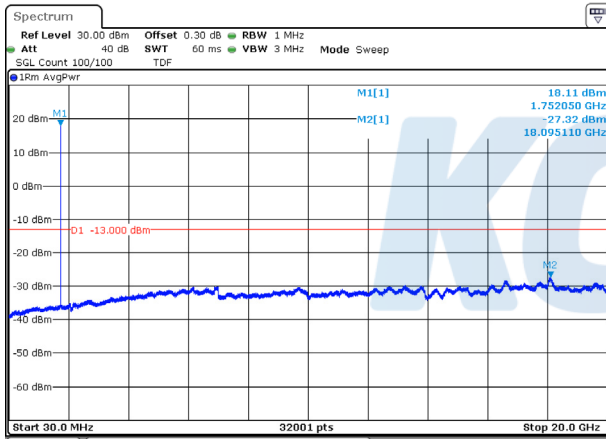
The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

**Test results****Test mode: GSM 850****GSM / Low ch.****EDGE / Low ch.****GSM / Mid ch.****EDGE / Mid ch.****GSM / High ch.****EDGE / High ch.**



**Test mode: GSM 1900****GPRS / Low ch.****EDGE / Low ch.****GPRS / Mid ch.****EDGE / Mid ch.****GPRS / High ch.****EDGE / High ch.**



**Test mode: WCDMA 1700****RMC Low ch.****RMC Mid ch.****RMC High ch.**

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