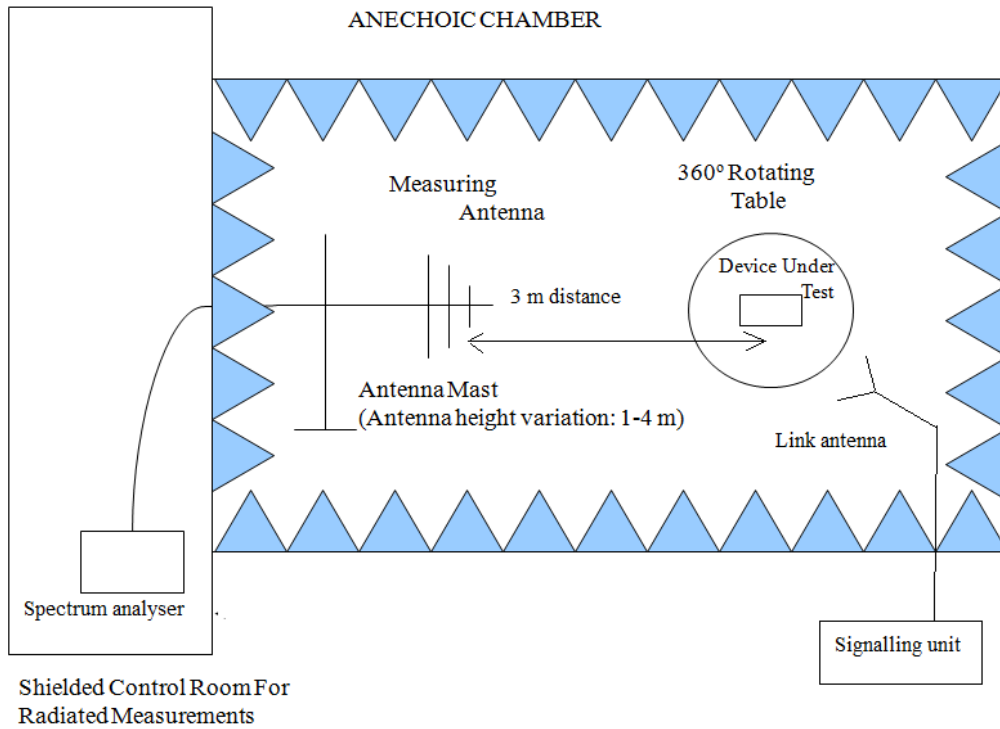
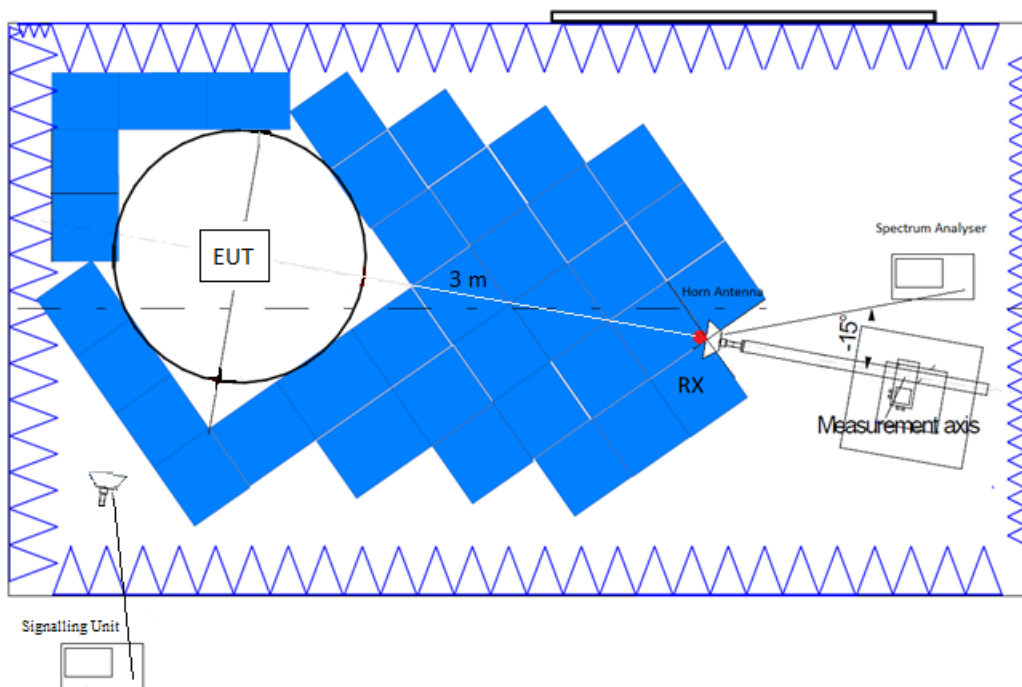


### Test Setup

Radiated measurements below 1 GHz:



Radiated measurements above 1 GHz:



## Results

### LTE Cat 1bis Band 5:

A preliminary scan determined the BW=10 MHz, QPSK, RB Size=1, RB Offset=24 as the worst case. The following results are for this worst-case configuration.

#### Frequency range 9 kHz – 30 MHz:

No radiofrequency signal generated in the device found below 10<sup>9</sup> sub-armonic, no further investigation required

#### Frequency range 30 MHz - 1 GHz:

##### - LOW CHANNEL:

No spurious frequencies at less than 20 dB below the limit.

##### - MIDDLE CHANNEL:

No spurious frequencies at less than 20 dB below the limit.

##### - HIGH CHANNEL:

No spurious frequencies at less than 20 dB below the limit.

#### Frequency range 1 - 8.5 GHz:

##### - LOW CHANNEL:

No spurious frequencies at less than 20 dB below the limit.

##### - MIDDLE CHANNEL:

No spurious frequencies at less than 20 dB below the limit.

##### - HIGH CHANNEL:

No spurious frequencies at less than 20 dB below the limit.

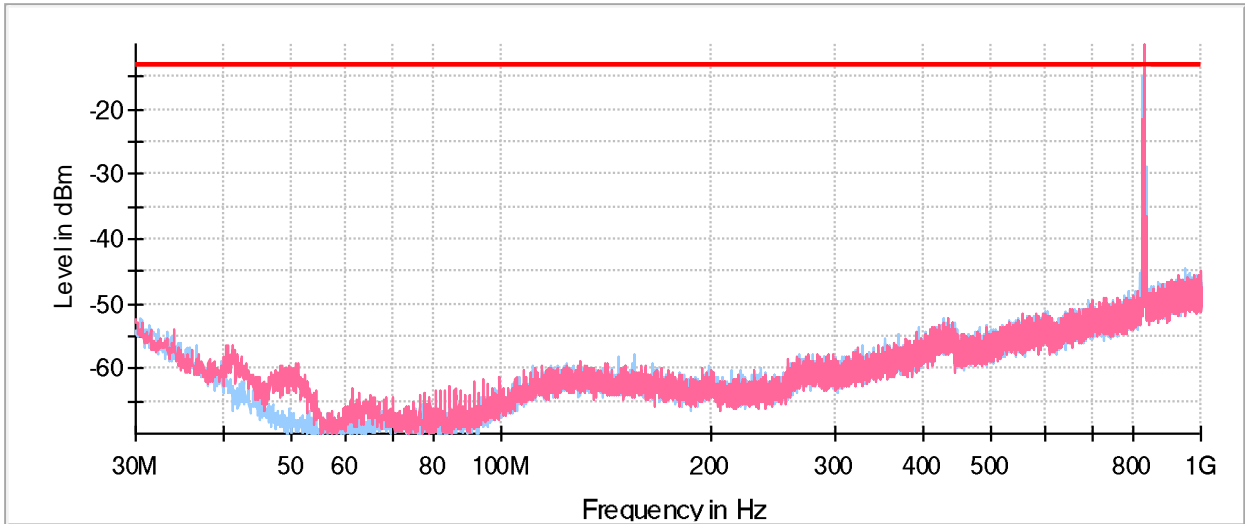
Measurement uncertainty (dB):  $<\pm 5.03$  for  $f \geq 30$  MHz up to 1 GHz  
 $<\pm 4.32$  for  $f \geq 1$  GHz up to 8.5 GHz

Verdict: PASS

| Subrange           | Step Size   | Detectors | Bandwidth | Sweep Time | Preamp |
|--------------------|-------------|-----------|-----------|------------|--------|
| Receiver: [ESW 44] |             |           |           |            |        |
| 30 MHz - 1 GHz     | 30.312 kHz  | PK+       | 100 kHz   | Coupled    | 0 dB   |
| 1 GHz - 8.5 GHz    | 234.375 kHz | PK+       | 100 kHz   | 1 s        | 0 dB   |

**FREQUENCY RANGE 30 MHz - 1 GHz:**

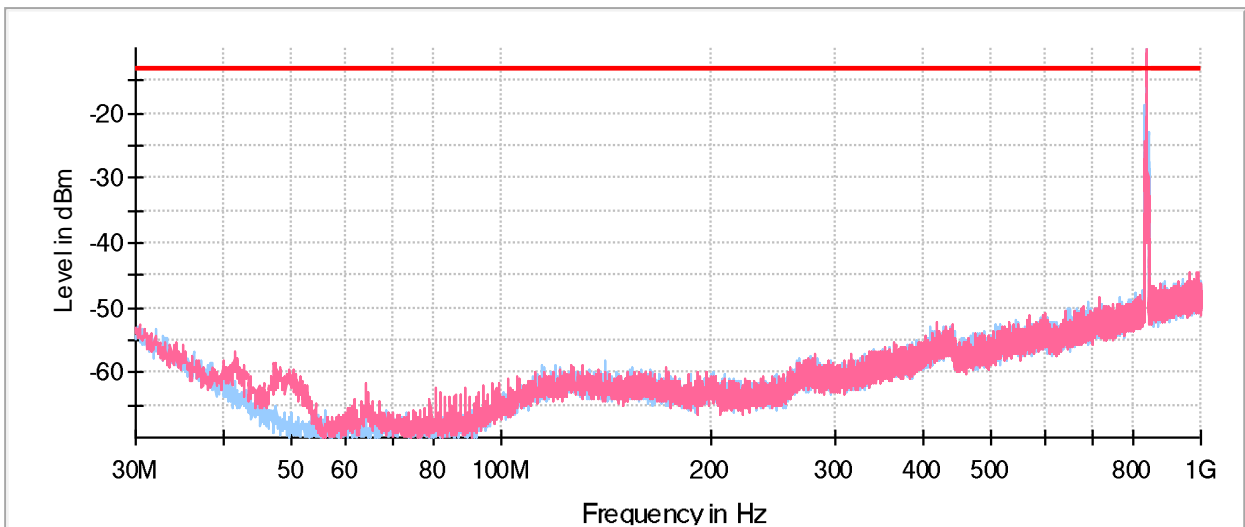
- LOW CHANNEL:



- Preview Result 1H-PK+
- Preview Result 1V-PK+
- FCC RSE Part 22 (B5, B26)
- -13 dBm
- ◆ Final\_Result PK+

The peak above the limit is the carrier frequency.

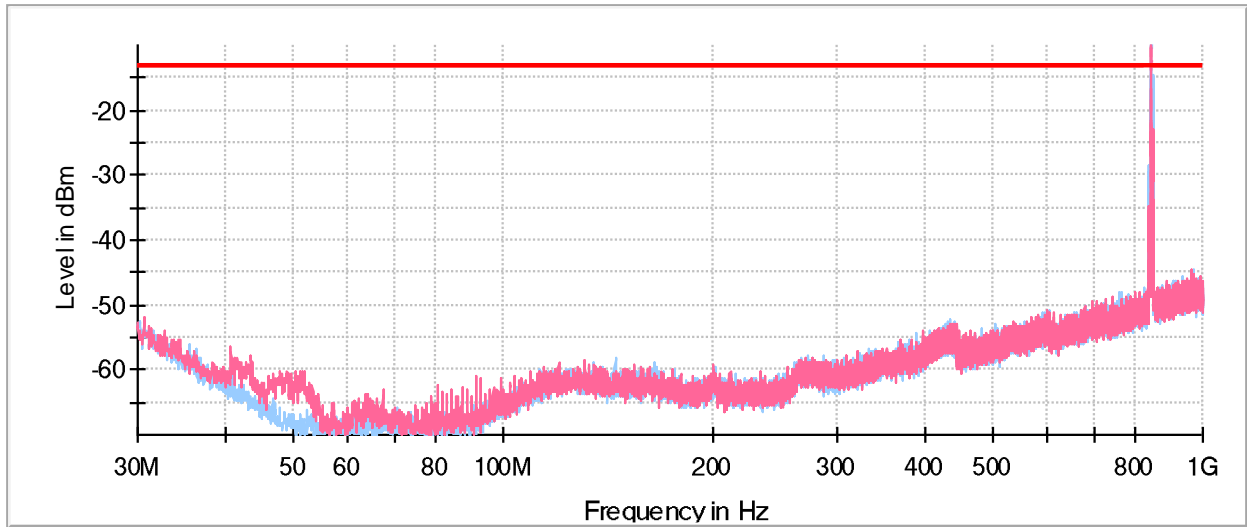
- MIDDLE CHANNEL:



- Preview Result 1H-PK+
- Preview Result 1V-PK+
- FCC RSE Part 22 (B5, B26)
- -13 dBm
- ◆ Final\_Result PK+

The peak above the limit is the carrier frequency.

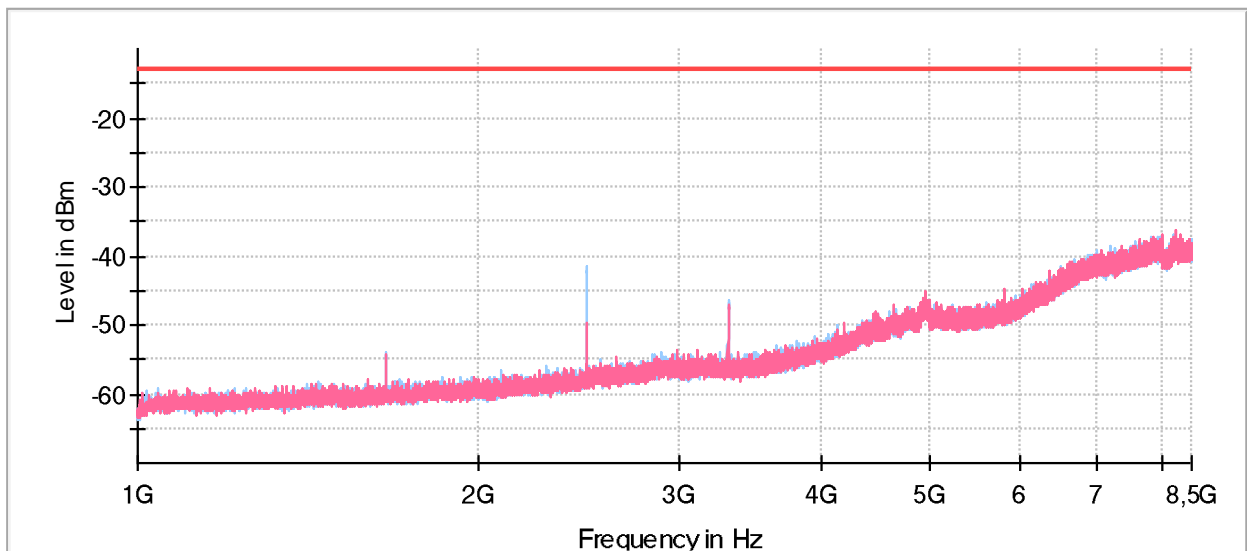
- HIGH CHANNEL:



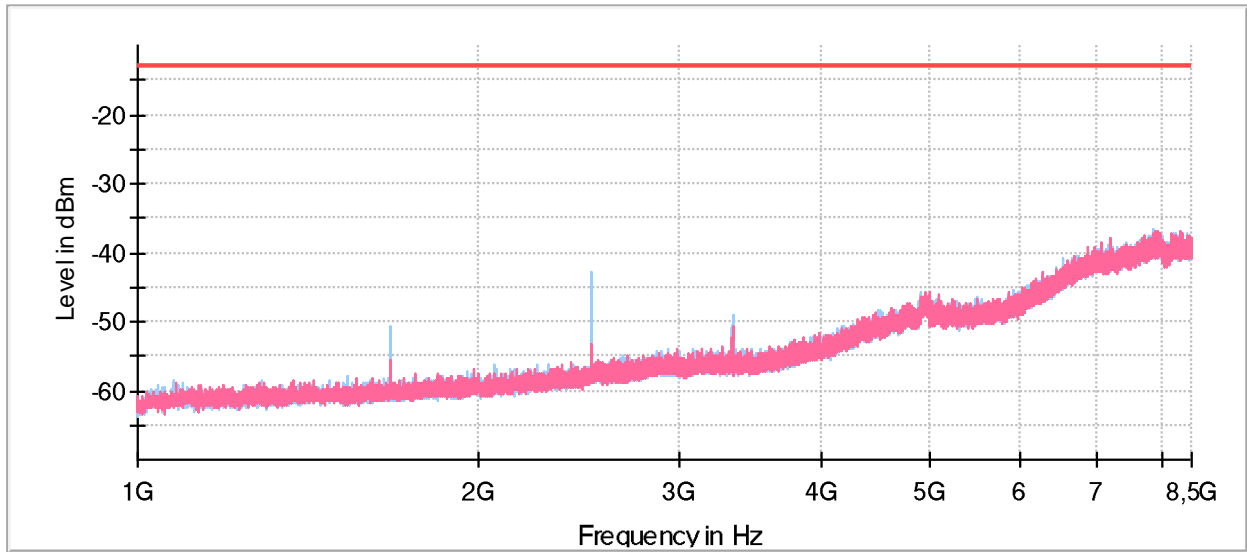
The peak above the limit is the carrier frequency.

FREQUENCY RANGE 1 - 8.5 GHz:

- LOW CHANNEL:

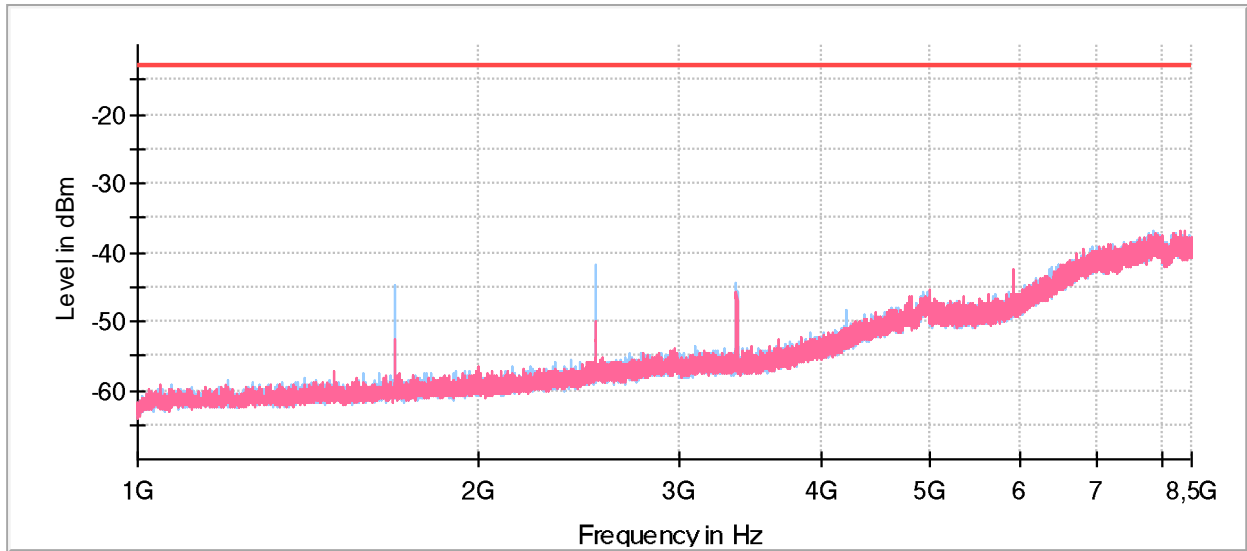


- MIDDLE CHANNEL:



- Preview Result 1H-PK+
- Preview Result 1V-PK+
- Final\_Result PK+
- FCC RSE Part 22 (B5, B26)

- HIGH CHANNEL:



- Preview Result 1H-PK+
- Preview Result 1V-PK+
- Final\_Result PK+
- FCC RSE Part 22 (B5, B26)