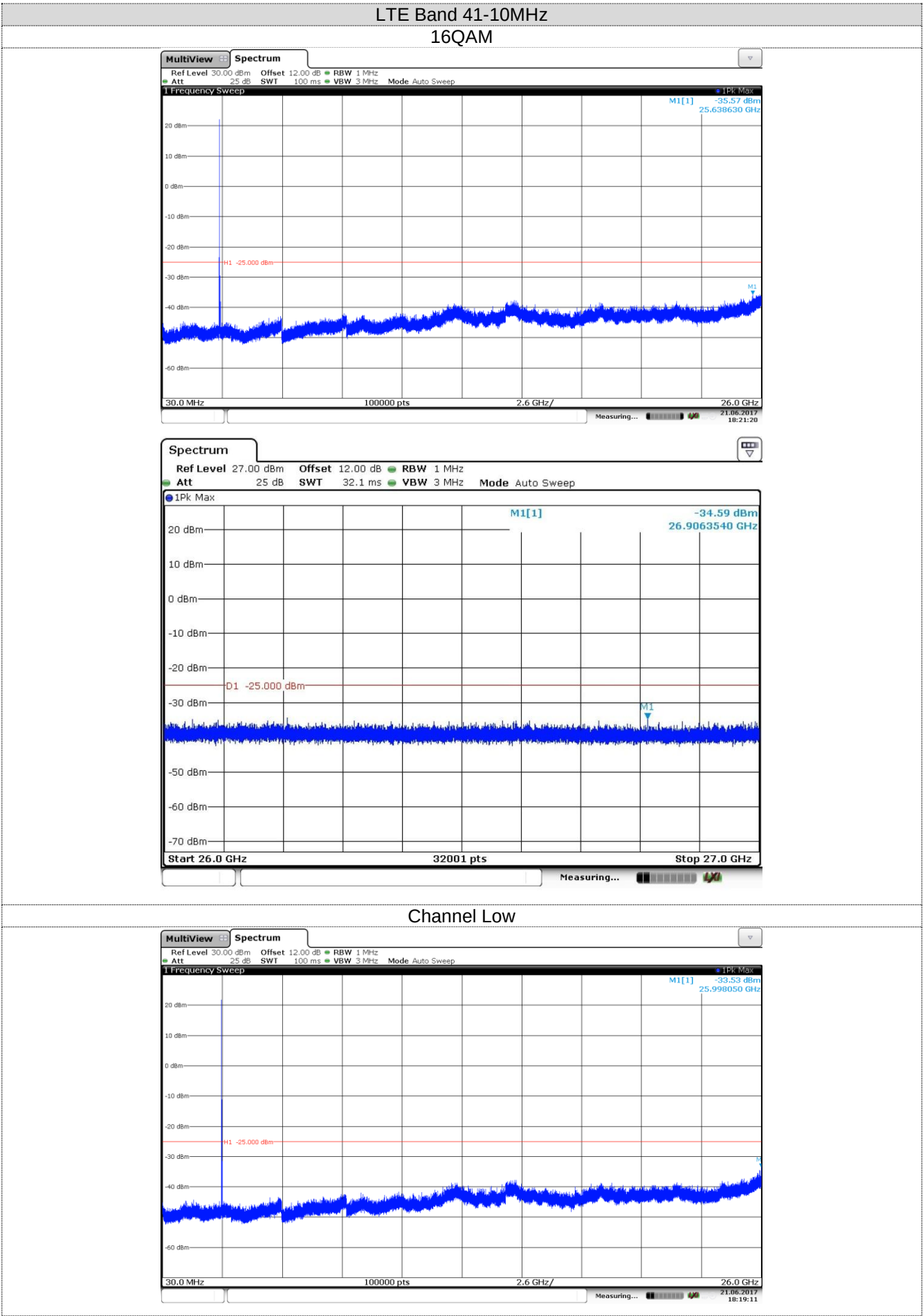
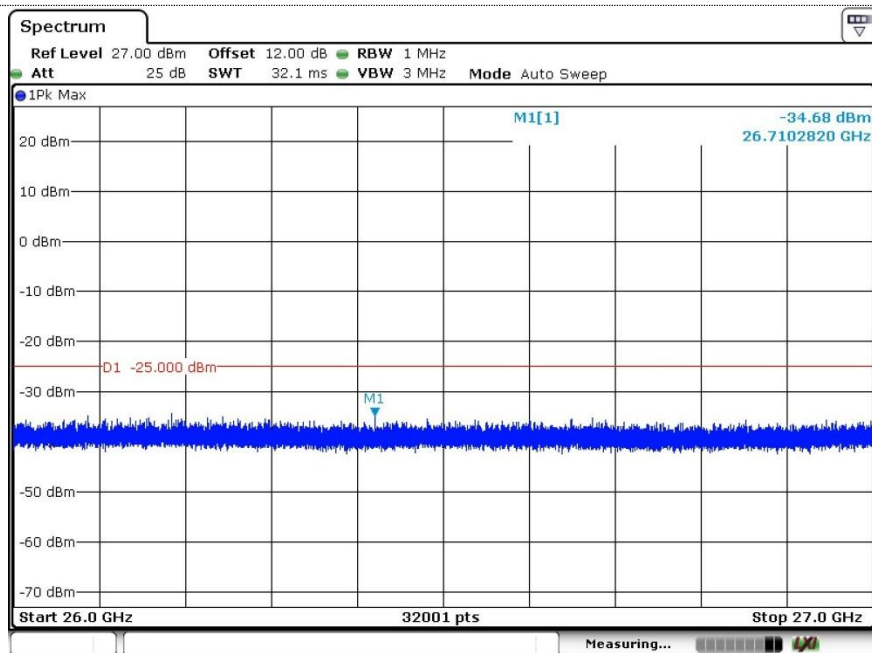
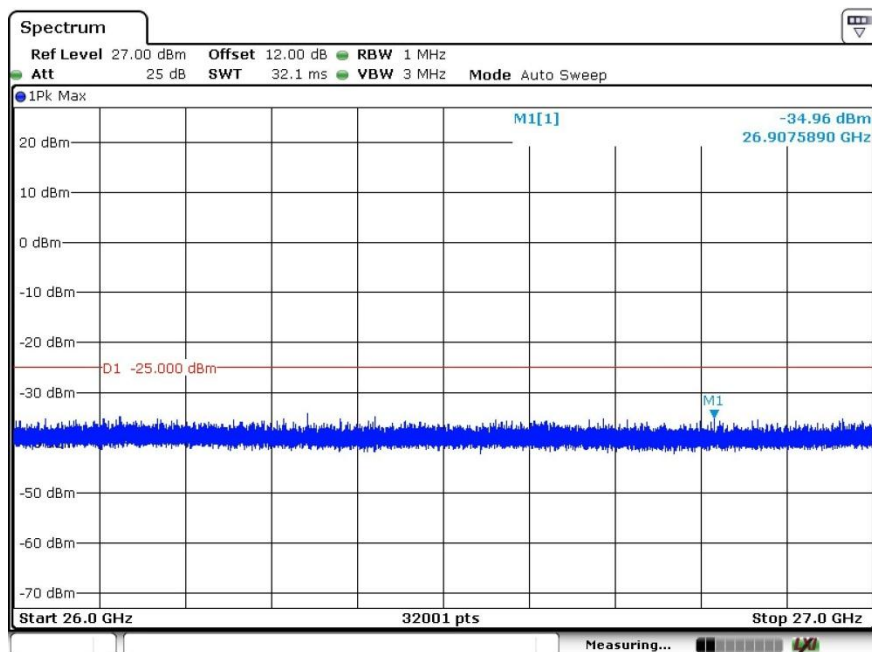
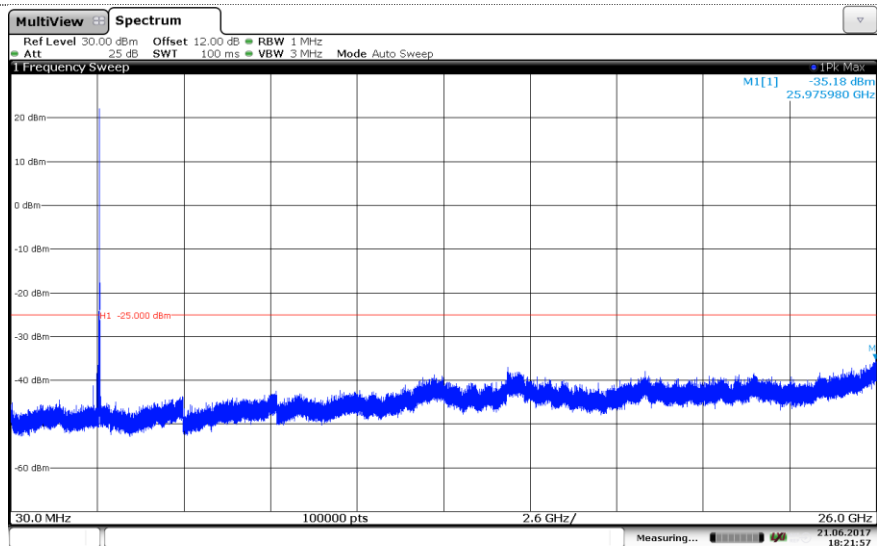


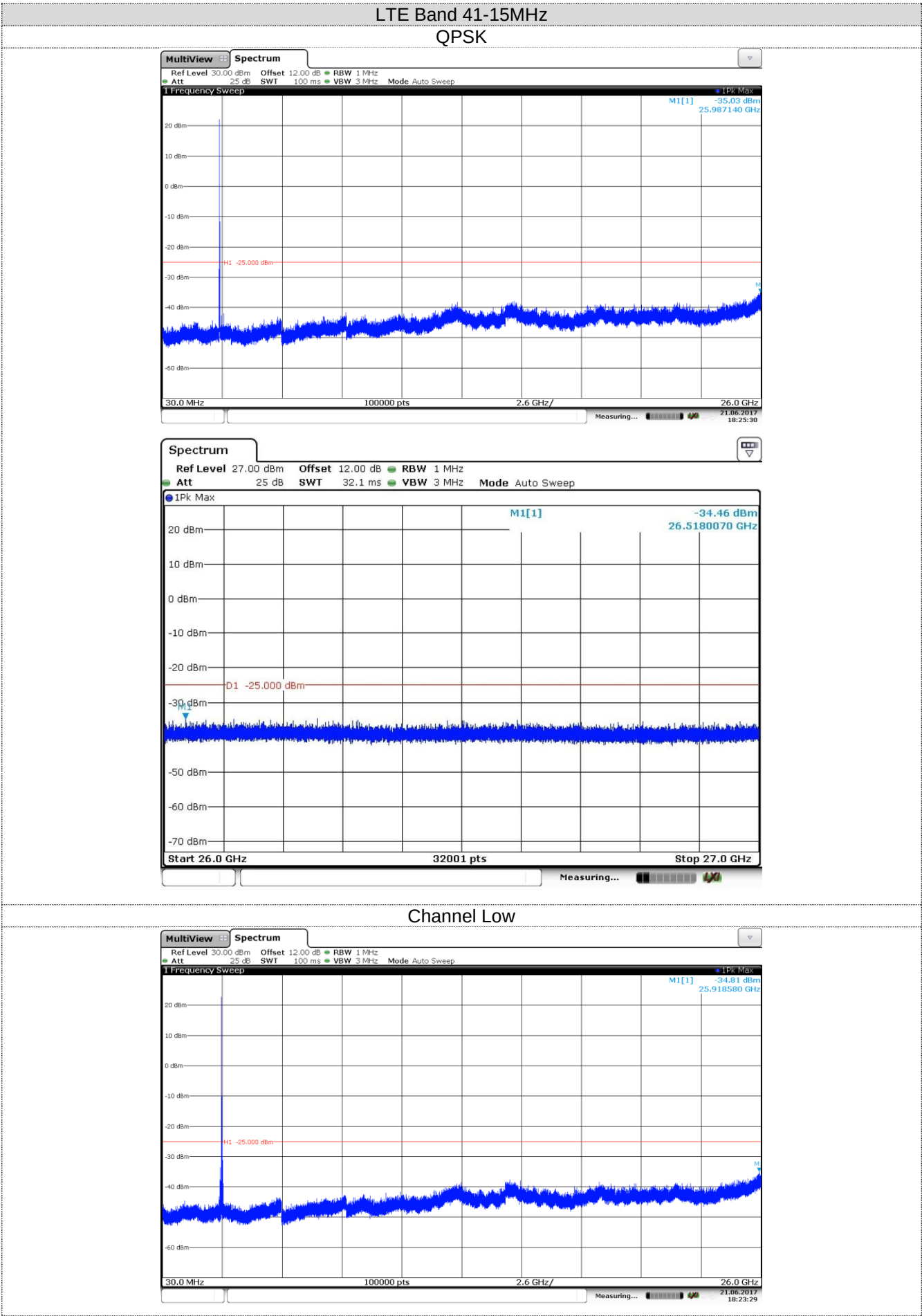




Channel Mid



Channel High



Channel Low

MultiView

Spectrum

Ref Level 30.00 dBm Offset 12.00 dB RBW 1 MHz Att 25 dB SWT 100 ms VBW 3 MHz Mode Auto Sweep

1 Frequency Sweep

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

M1[1]

-34.81 dBm

25.918580 GHz

M1

-25.000 dBm

30.0 MHz

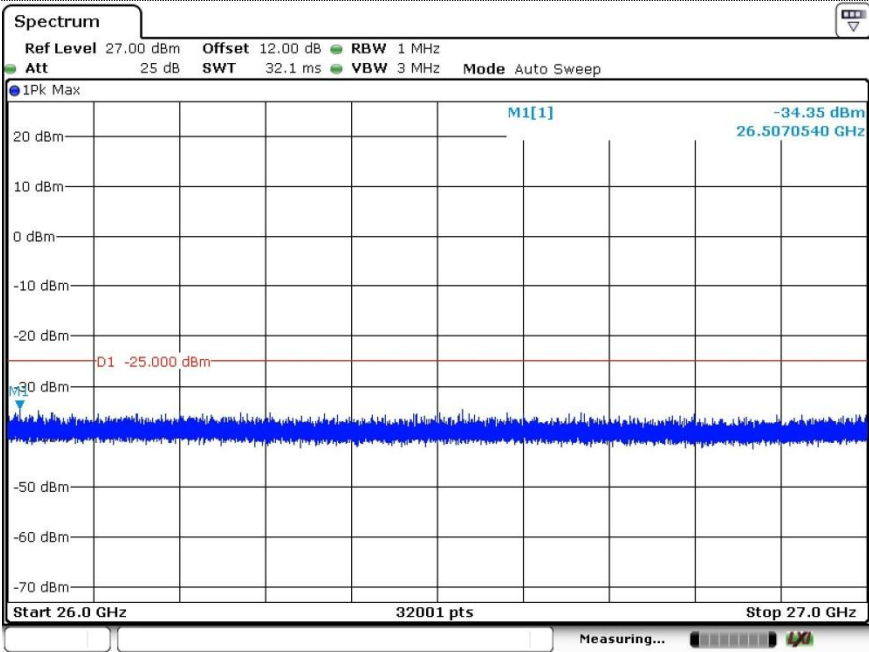
100000 pts

2.6 GHz/

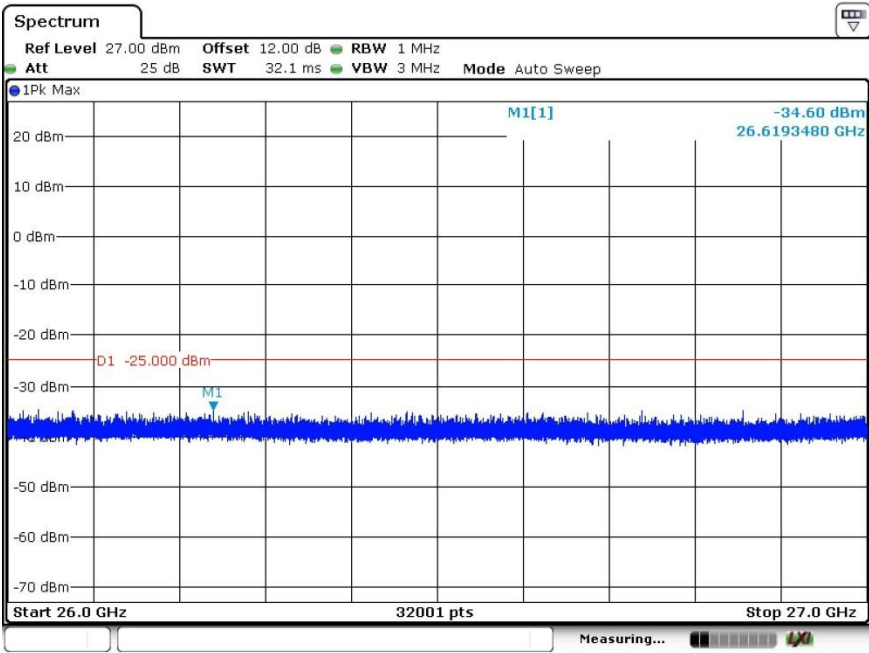
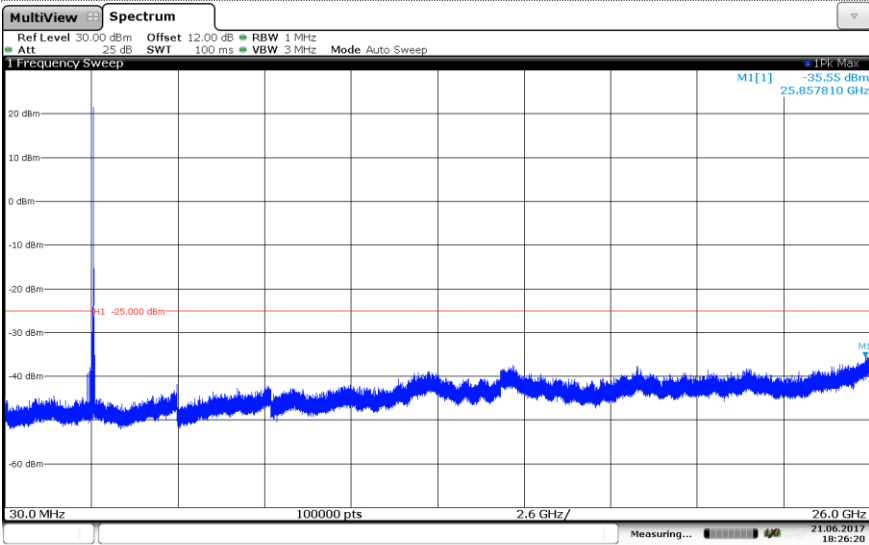
26.0 GHz

Measuring...

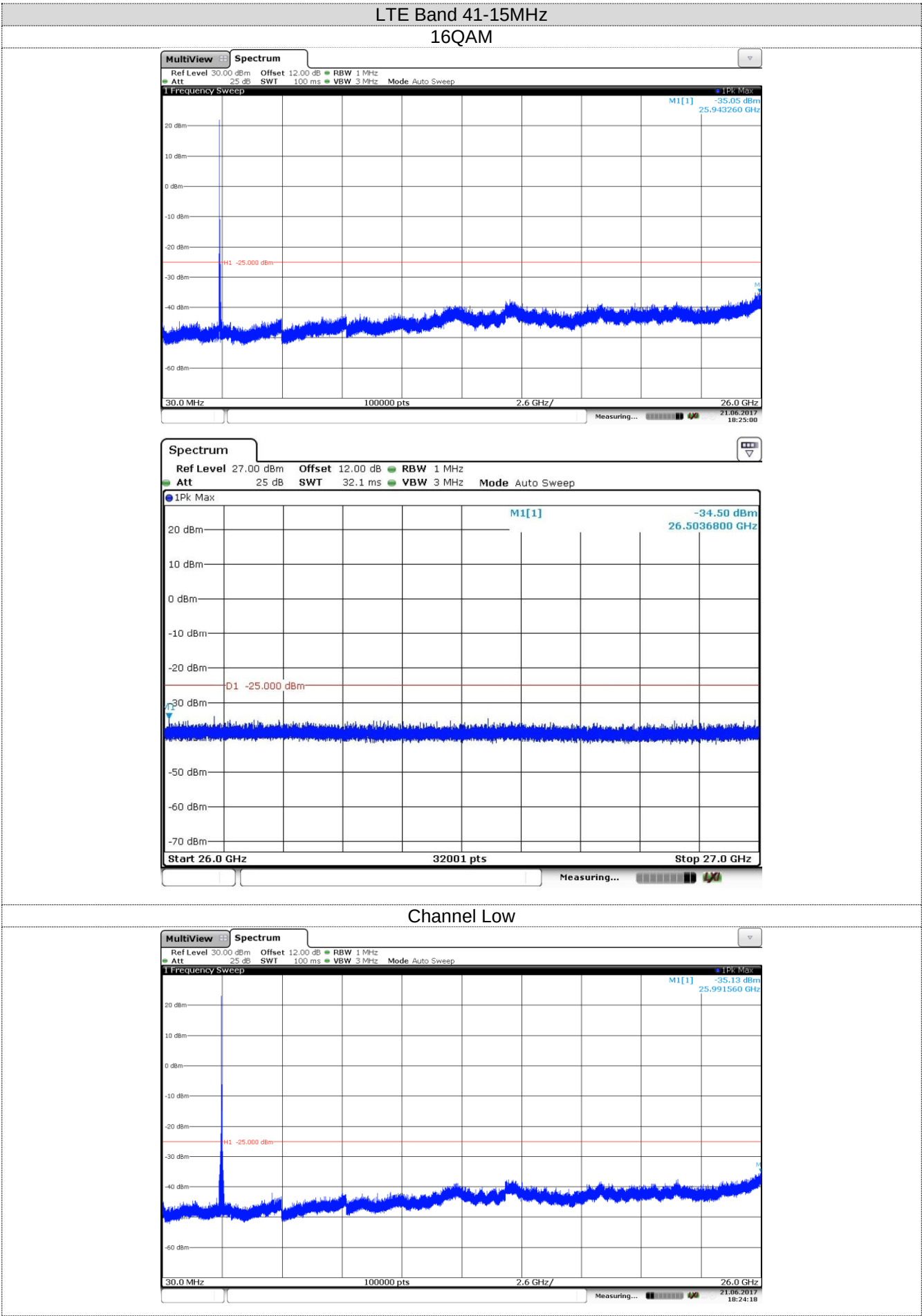
21.06.2017 18:23:29



Channel Mid



Channel High



Channel Low

MultiView

Spectrum

Ref Level 30.00 dBm Offset 12.00 dB RBW 1 MHz Att 25 dB SWT 100 ms VBW 3 MHz Mode Auto Sweep

1 Frequency Sweep

1Pk Max

M1[1]

-35.13 dBm

25.991560 GHz

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

H1 -25.000 dBm

30.0 MHz

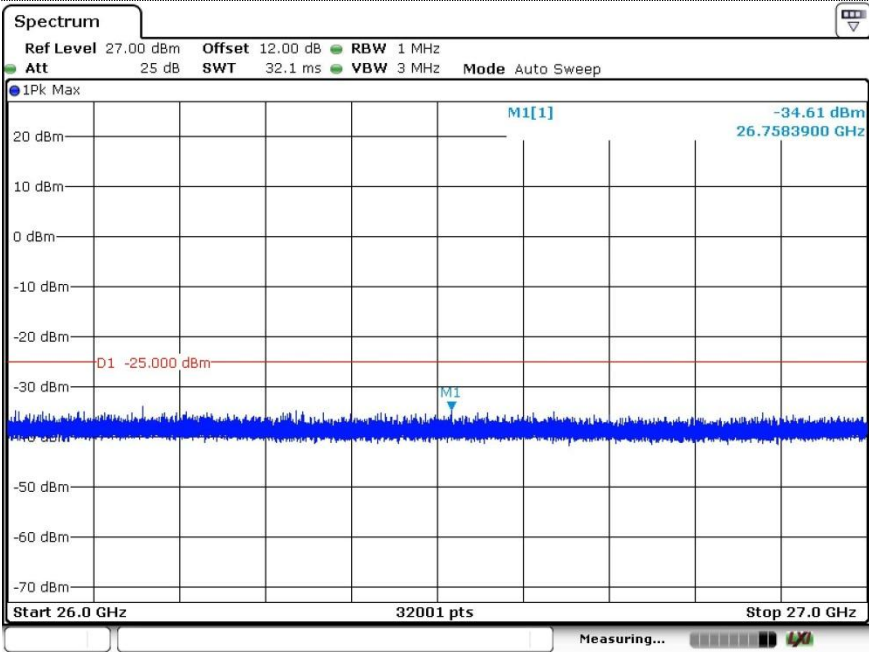
100000 pts

2.6 GHz/

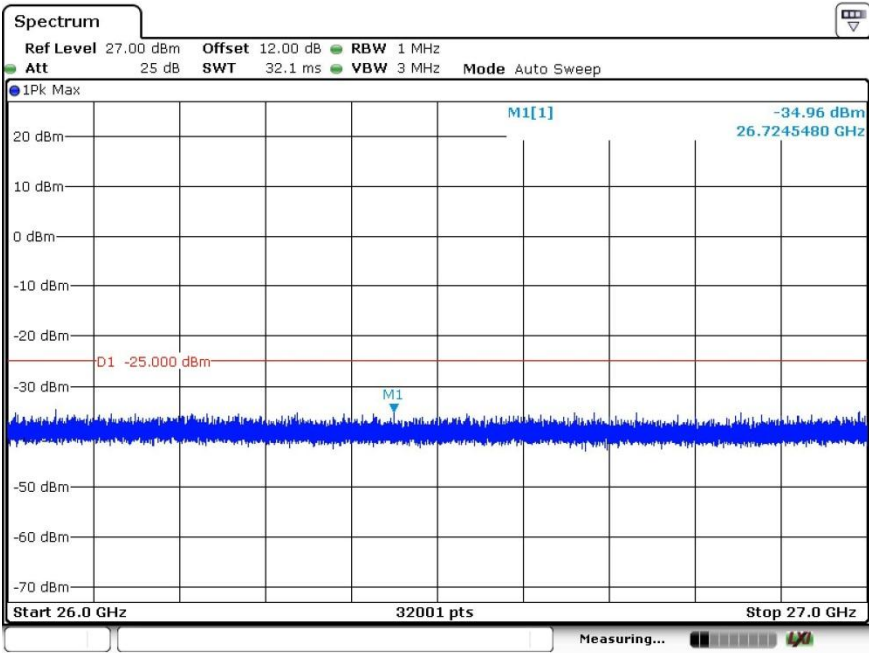
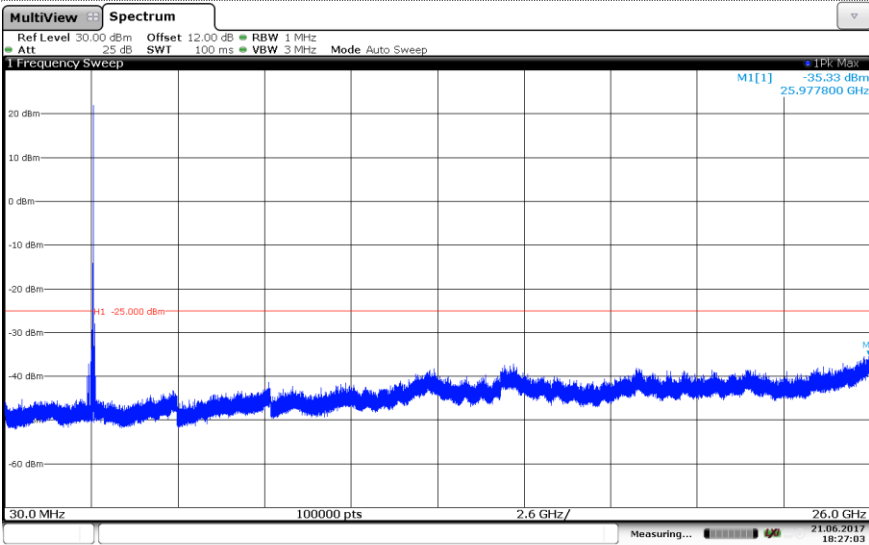
26.0 GHz

Measuring...

21.06.2017 18:24:18

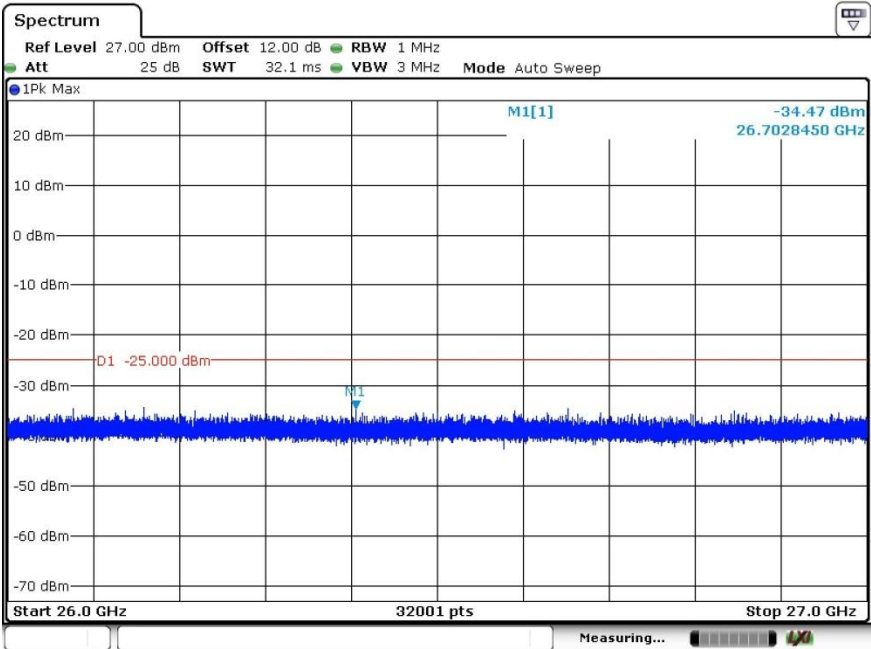
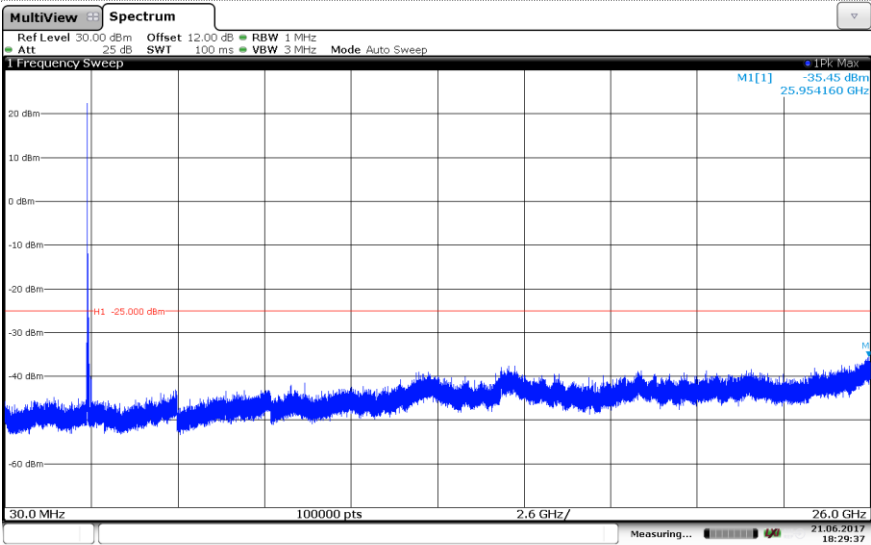


Channel Mid

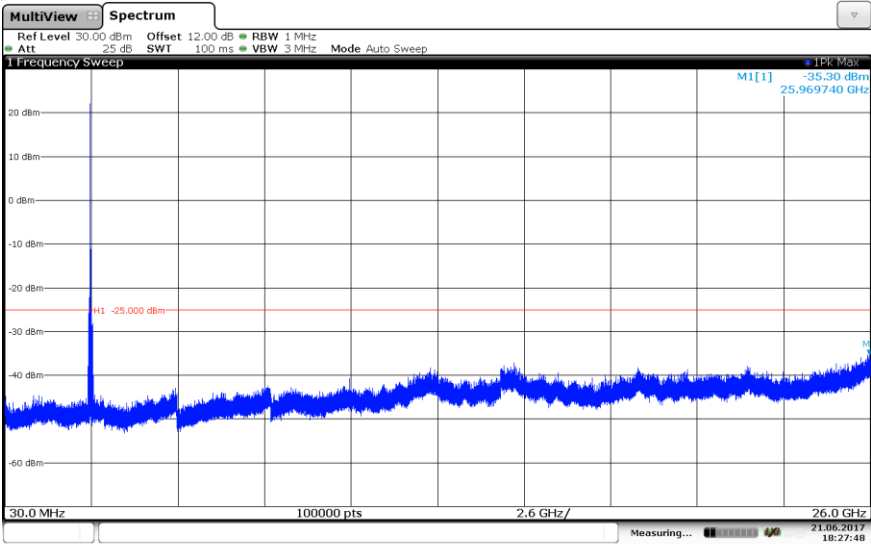


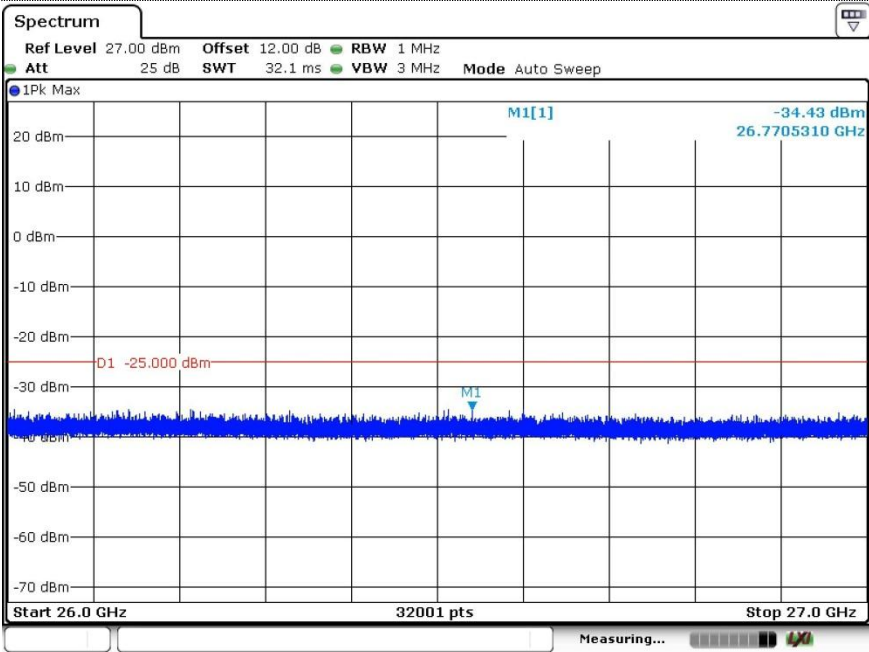
Channel High

LTE Band 41-20MHz
QPSK

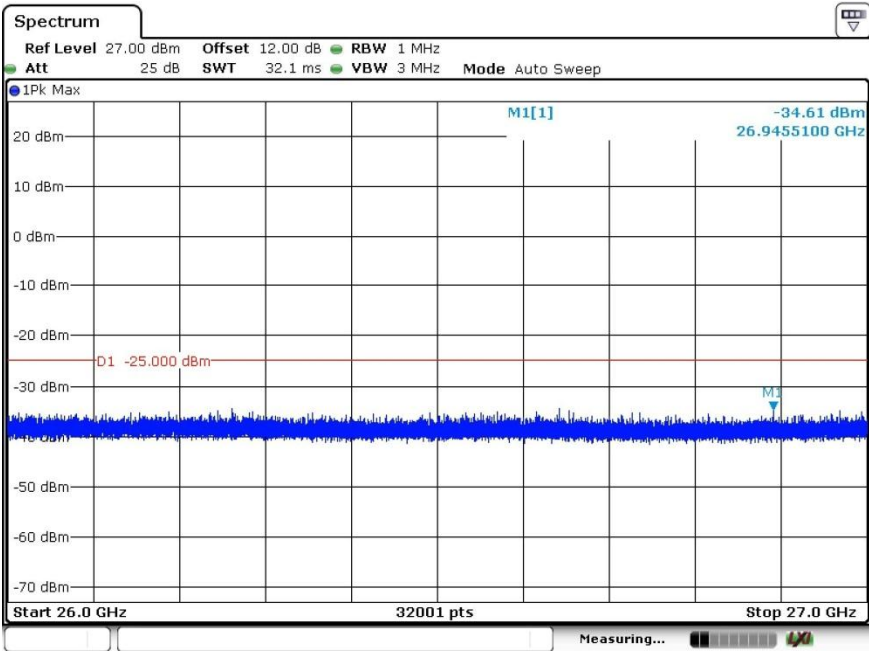
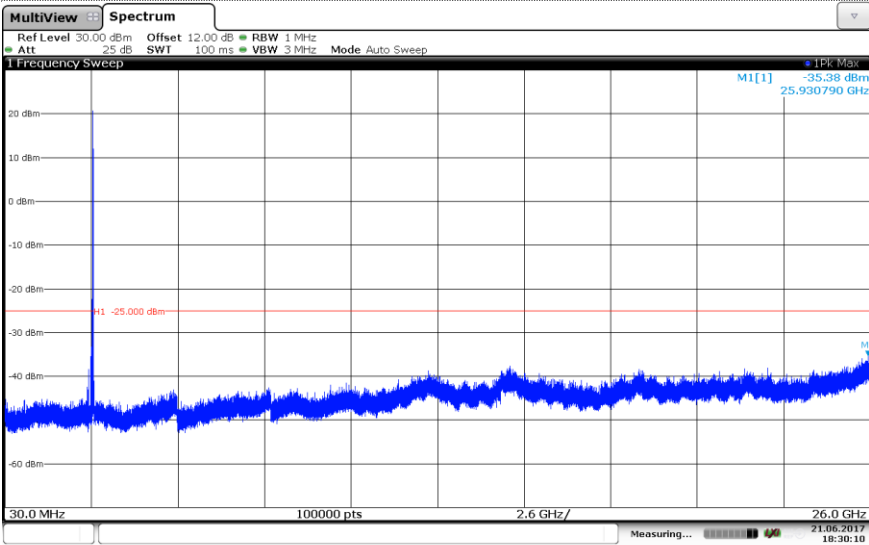


Channel Low

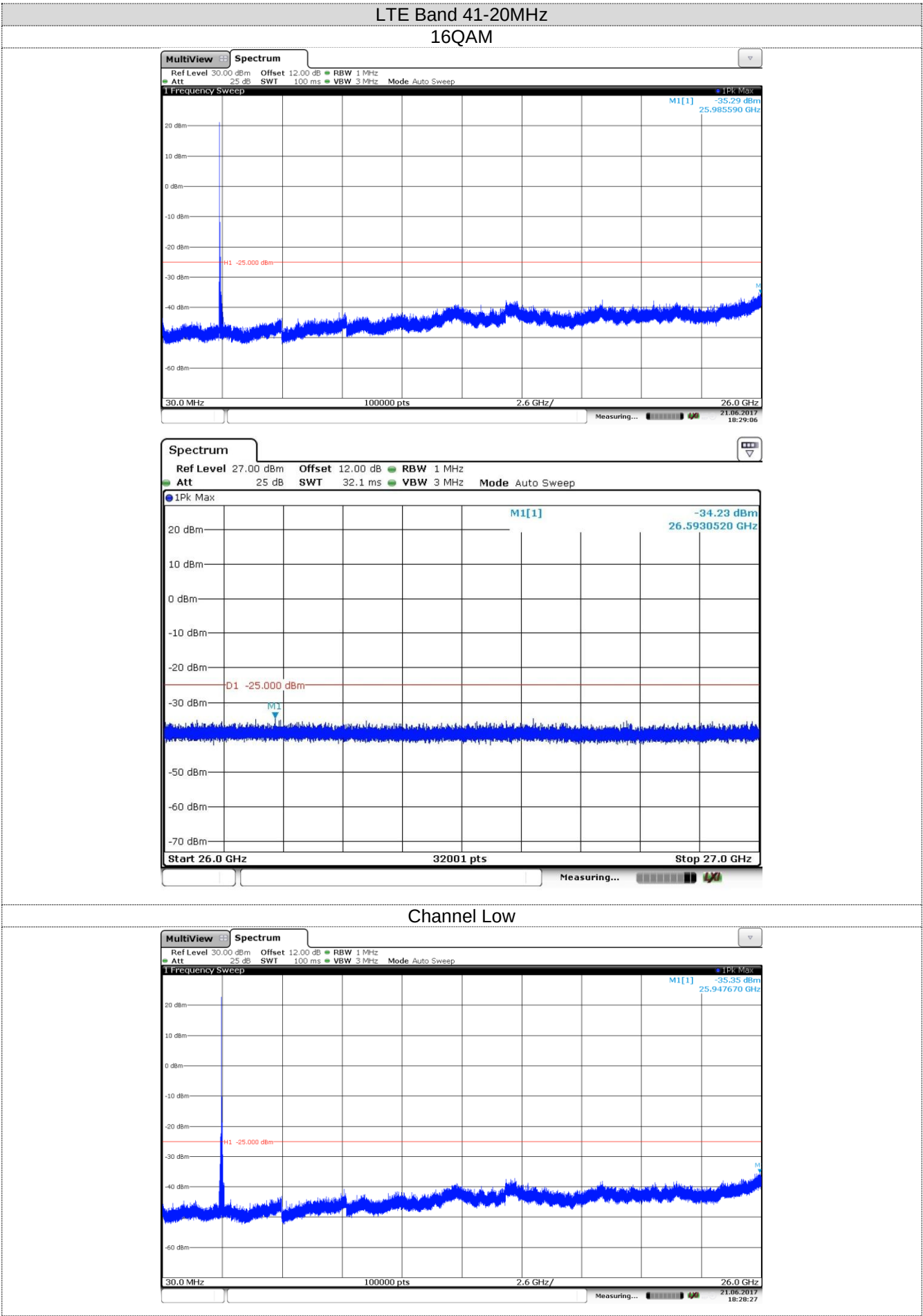




Channel Mid



Channel High



Channel Low

MultiView

Spectrum

Ref Level 30.00 dBm Offset 12.00 dB RBW 1 MHz Att 25 dB SWT 100 ms VBW 3 MHz Mode Auto Sweep

1 Frequency Sweep

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

M1[1]

-35.35 dBm

25.947670 GHz

M1

-25.000 dBm

30.0 MHz

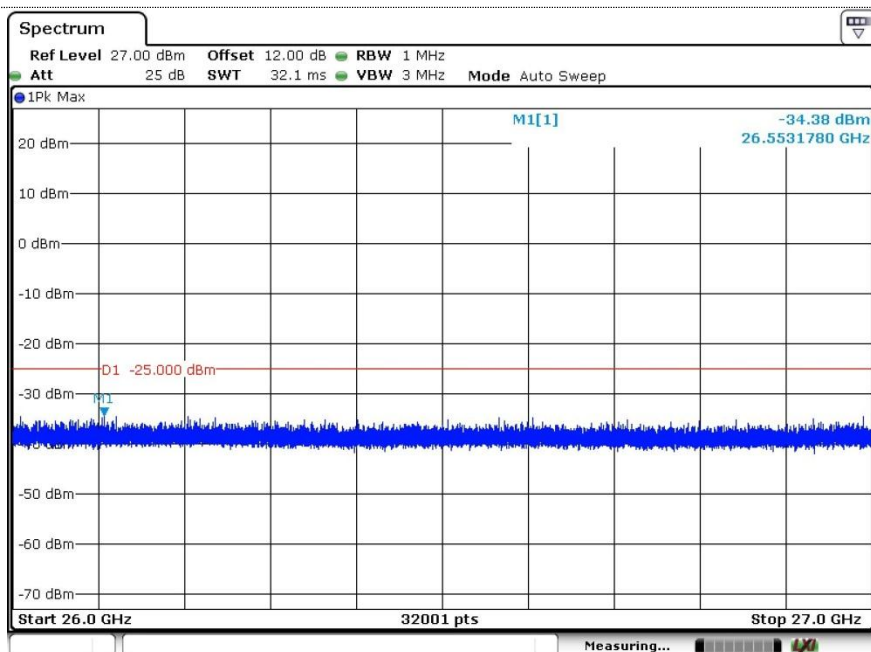
100000 pts

2.6 GHz/

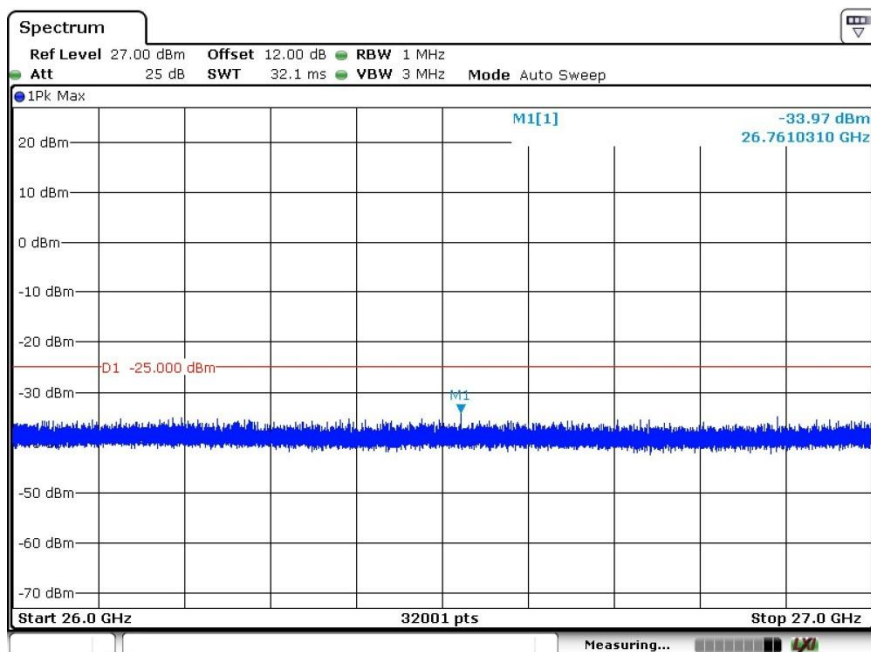
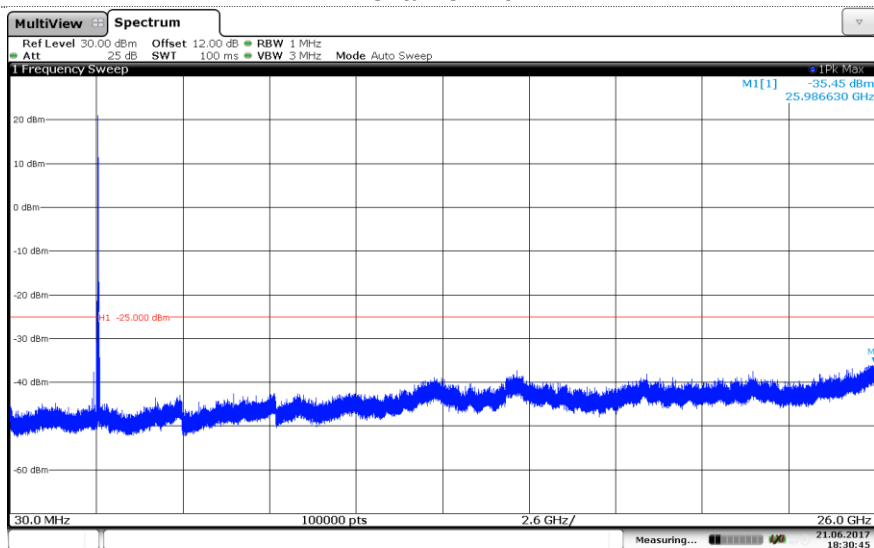
26.0 GHz

Measuring...

21.06.2017 18:28:27



Channel Mid



Channel High

5.4. Band Edge

LIMIT

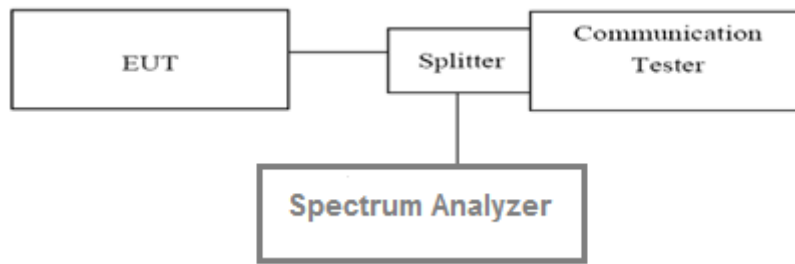
Part 24.238 and Part 22.917 and Part 27.53h(1) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

The specification that emissions shall be attenuated below the transmitter power (P) by at least $43 + 10 \log(P)$ dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

LTE Band 7

Part 27.53 m(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section.

TEST CONFIGURATION



TEST PROCEDURE

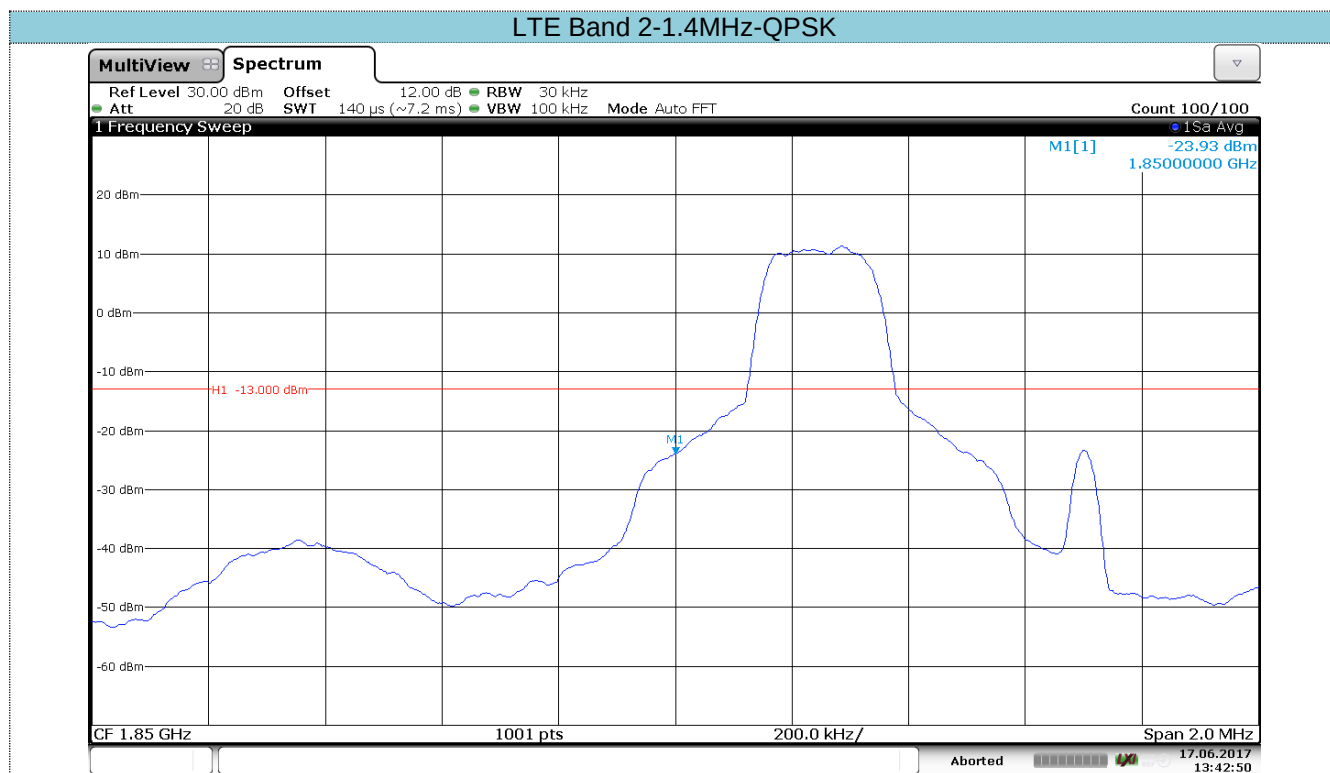
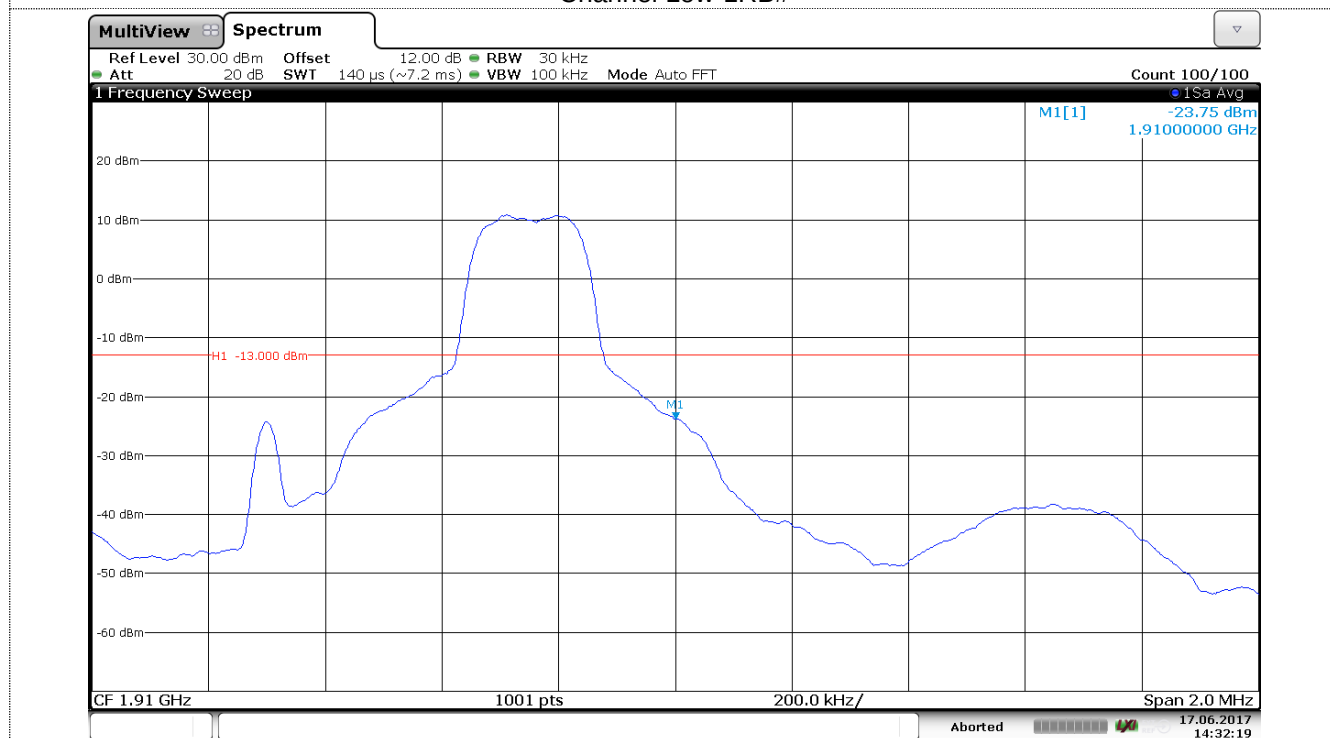
1. The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.
2. The band edges of low and high channels for the highest RF powers were measured. Set RBW $\geq$ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
3. Set spectrum analyzer with RMS detector.

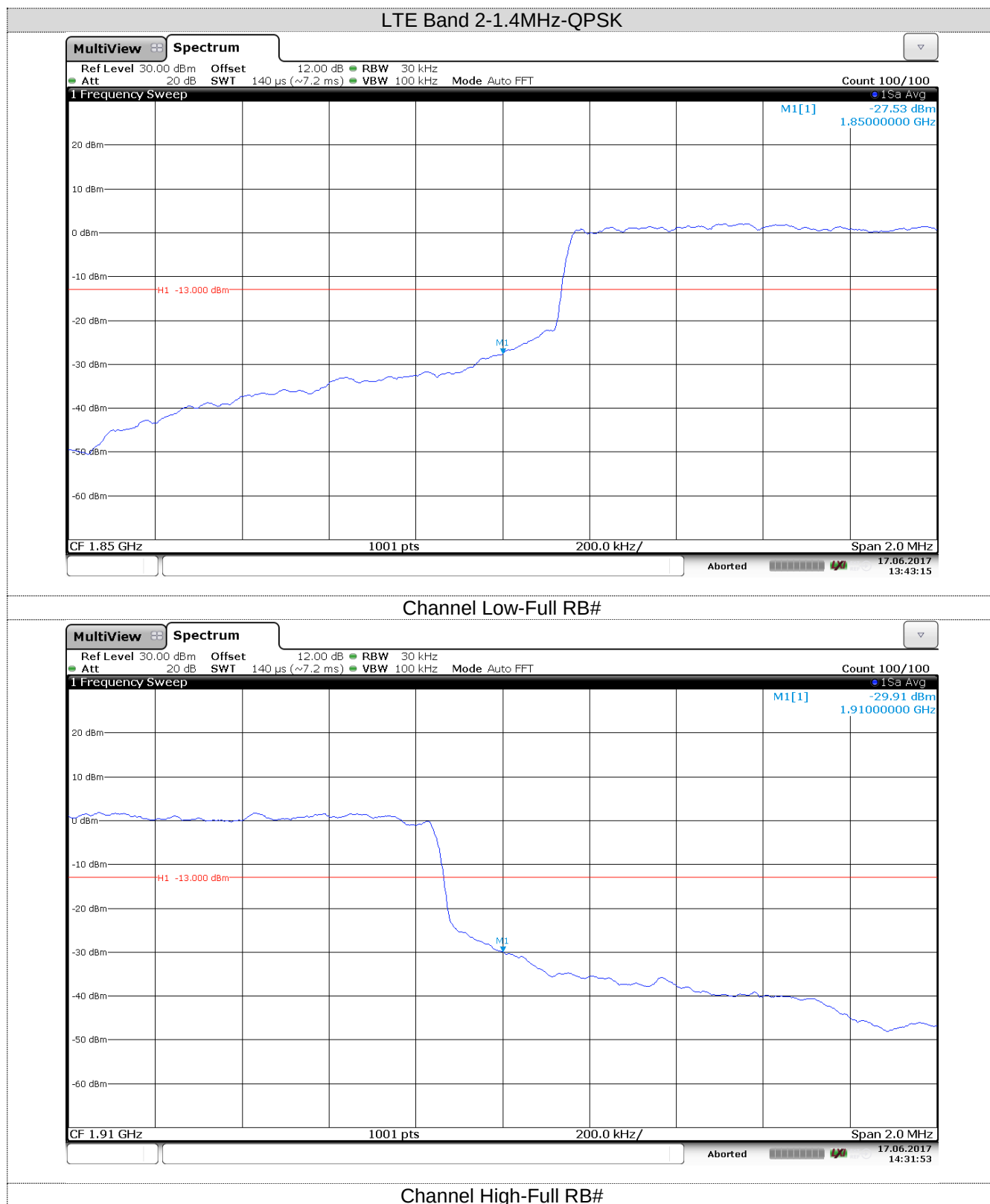
TEST MODE:

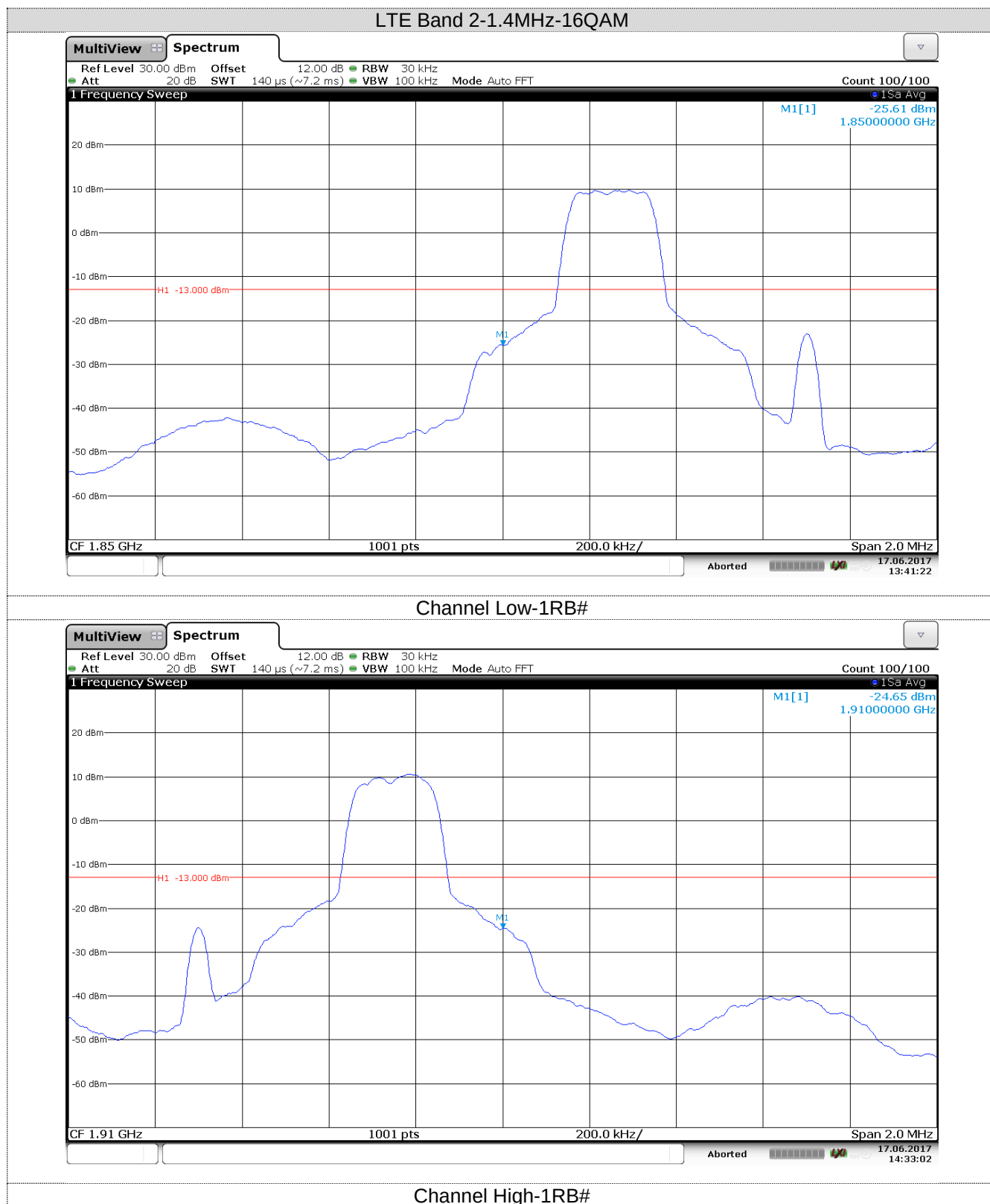
Please refer to the clause 3.3

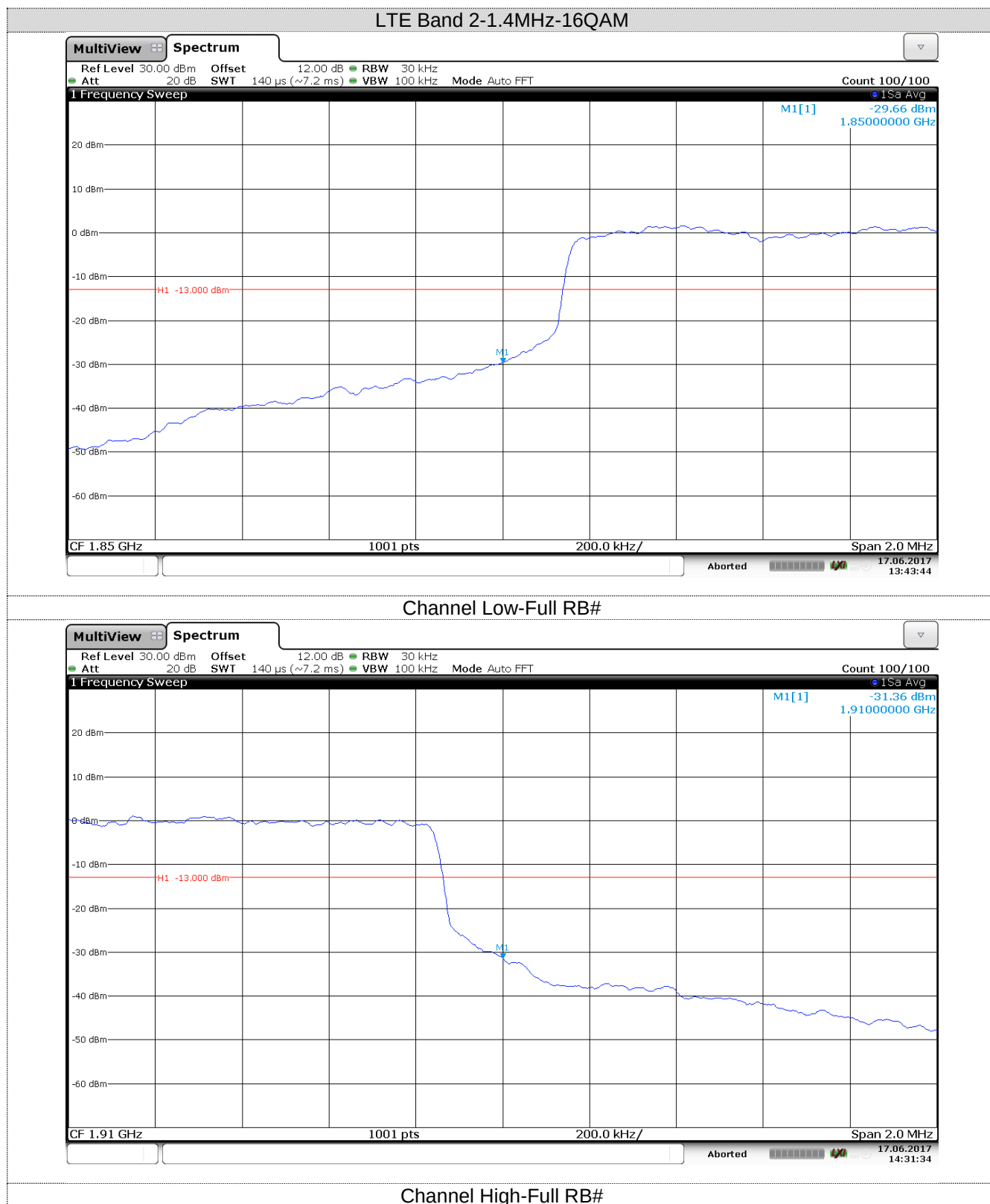
TEST RESULTS

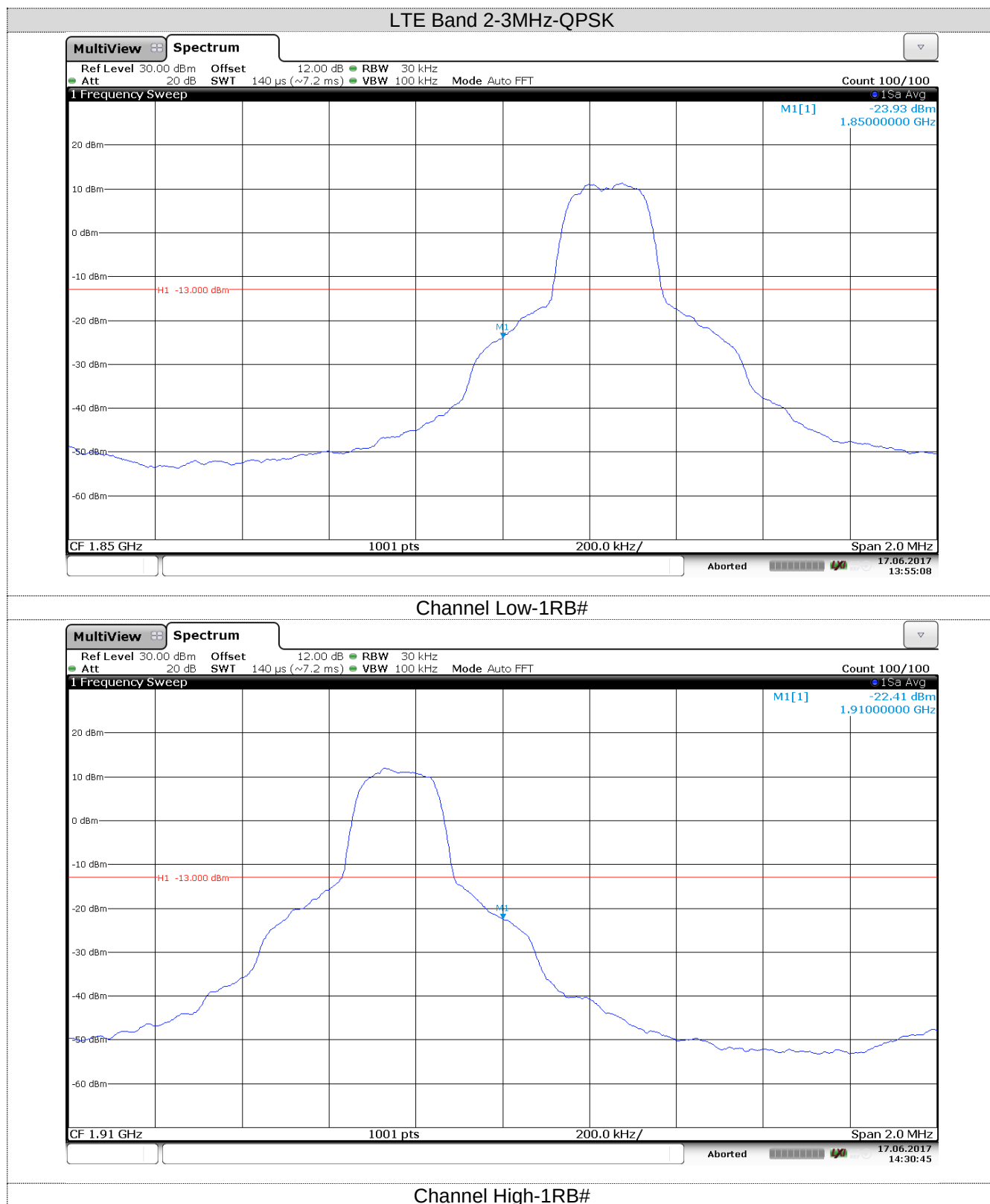
☒ Passed ☐ Not Applicable

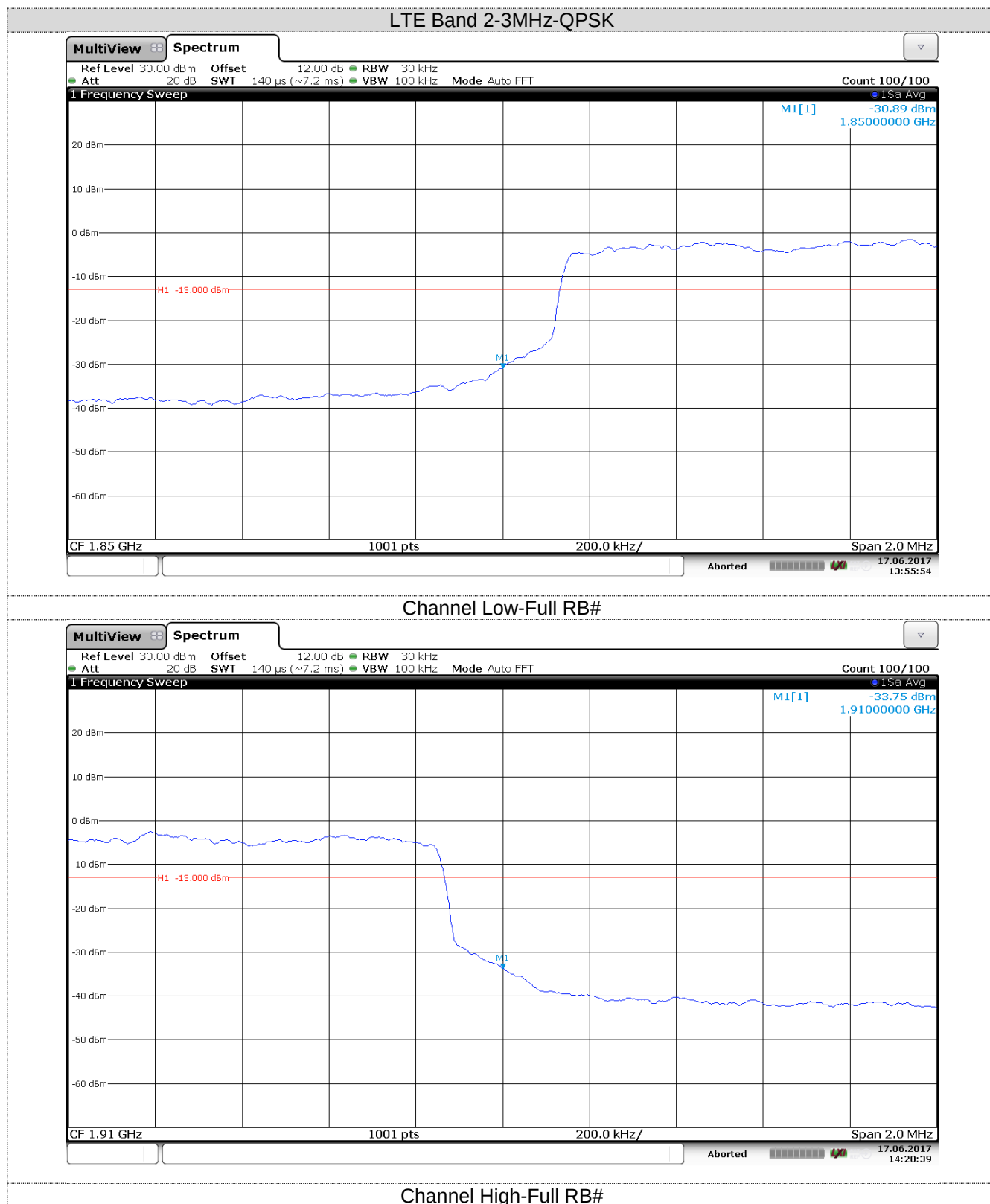
**Channel Low-1RB#****Channel High-1RB#**

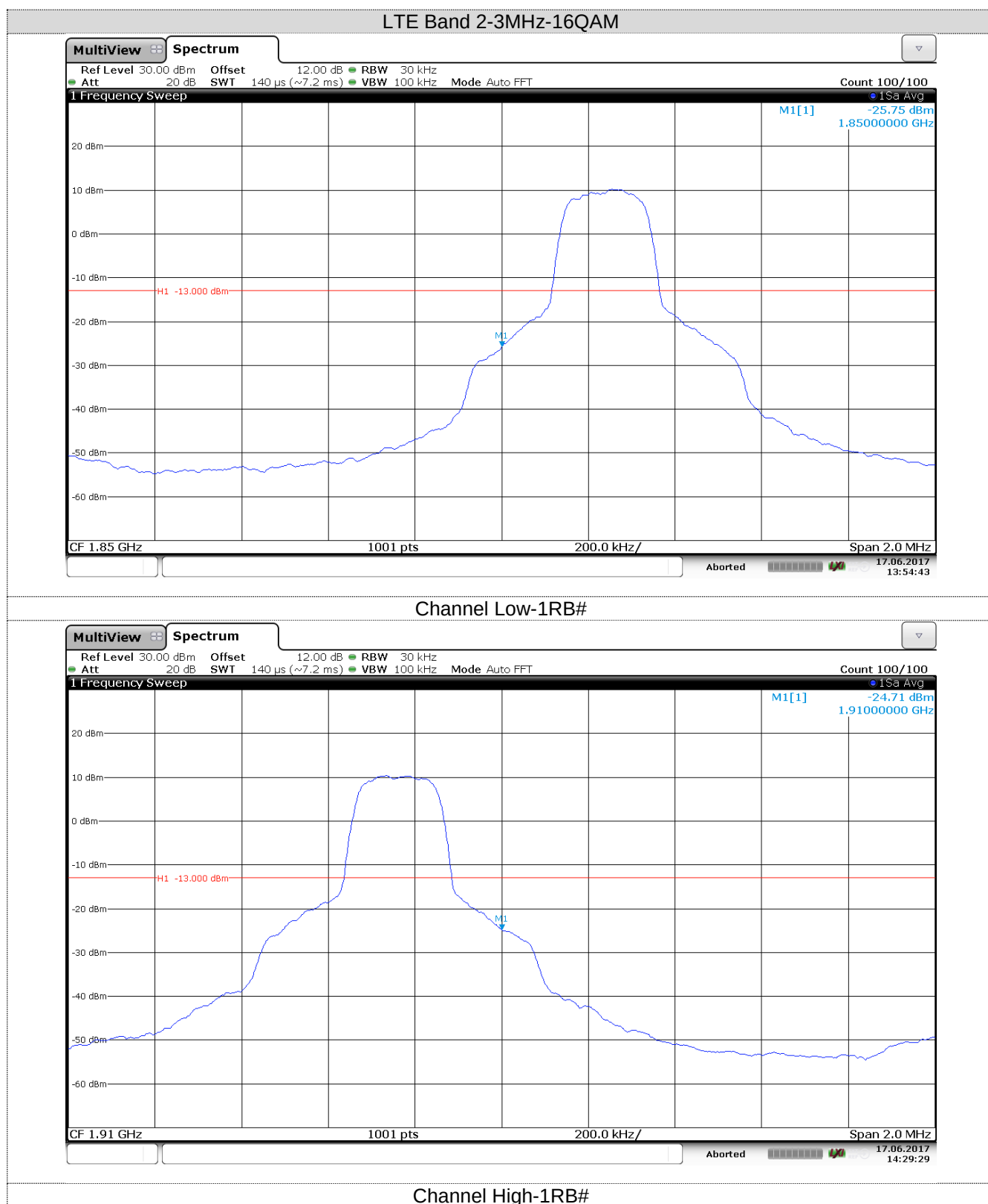


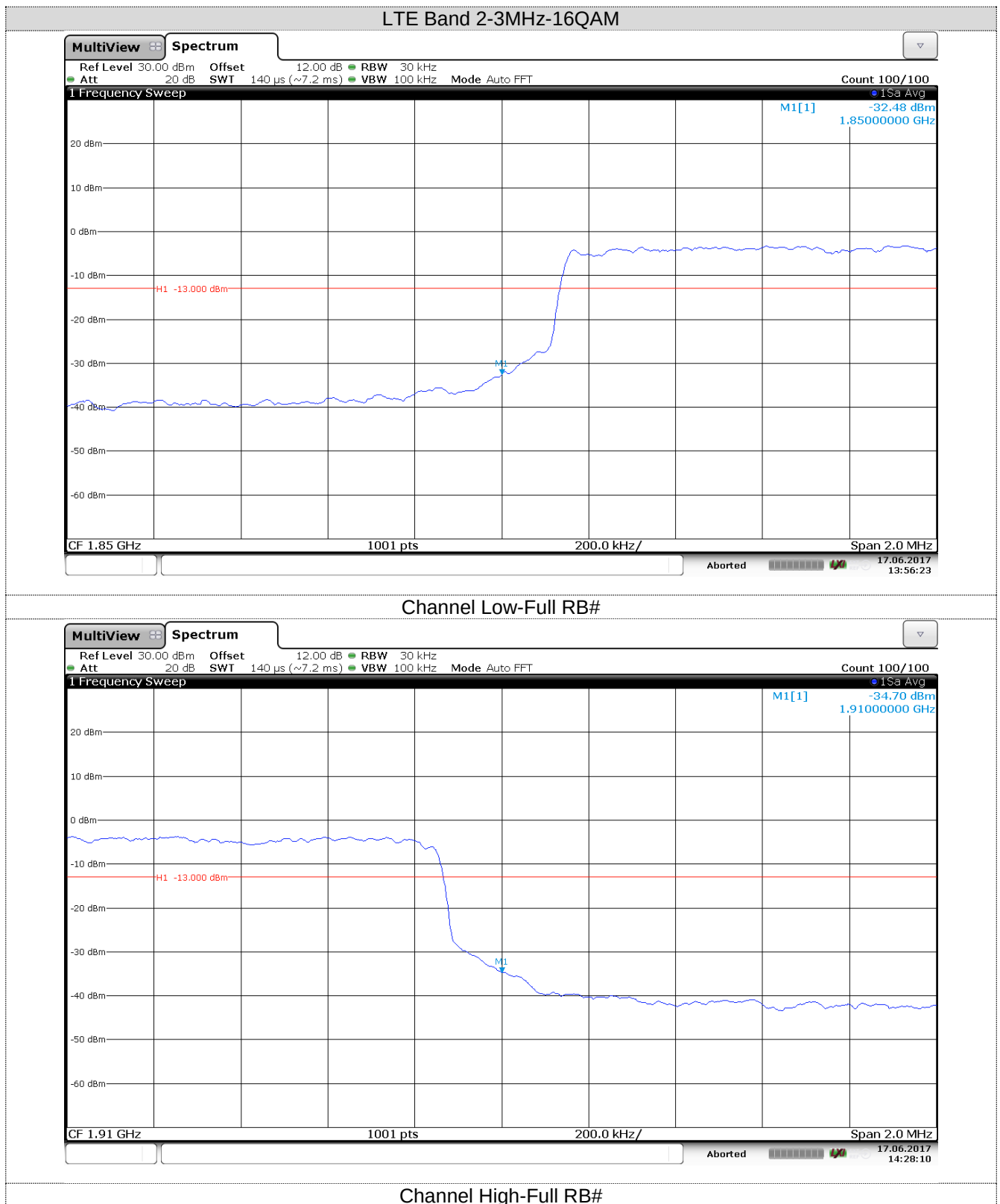


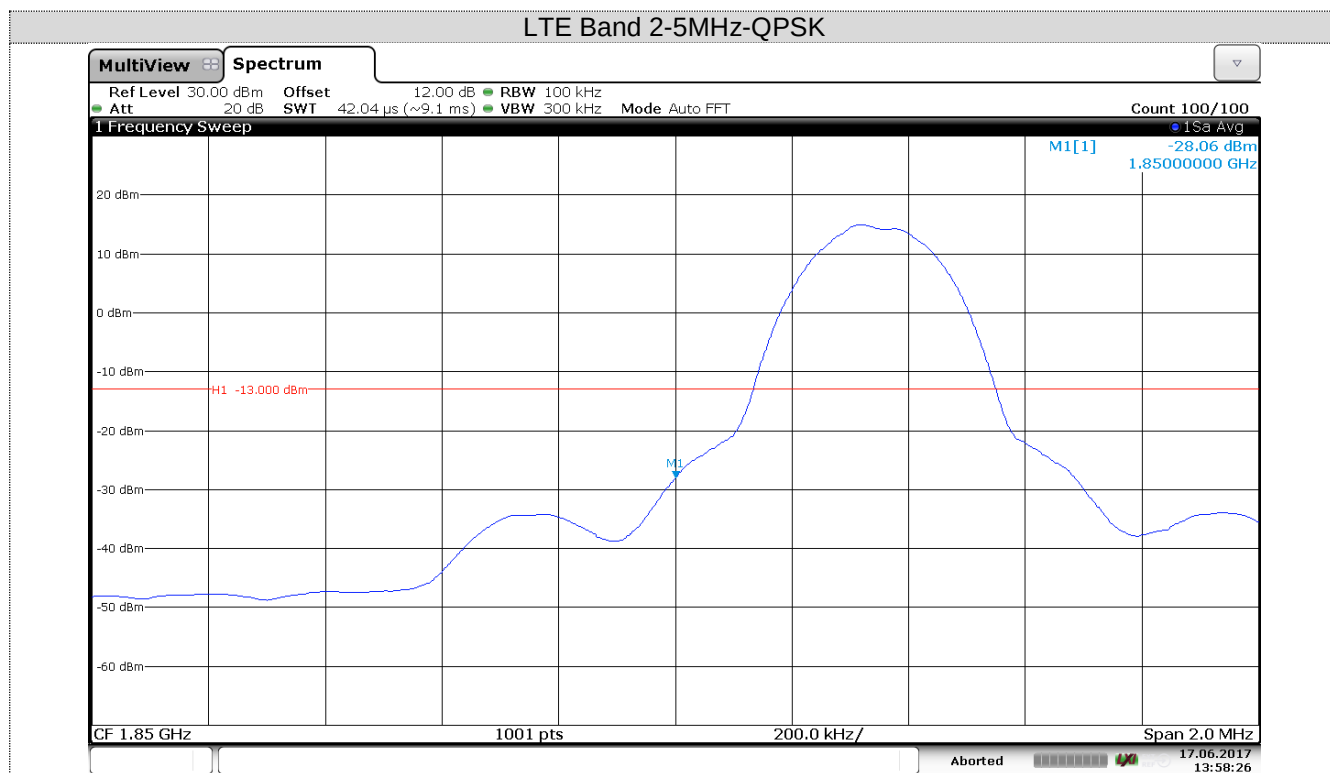
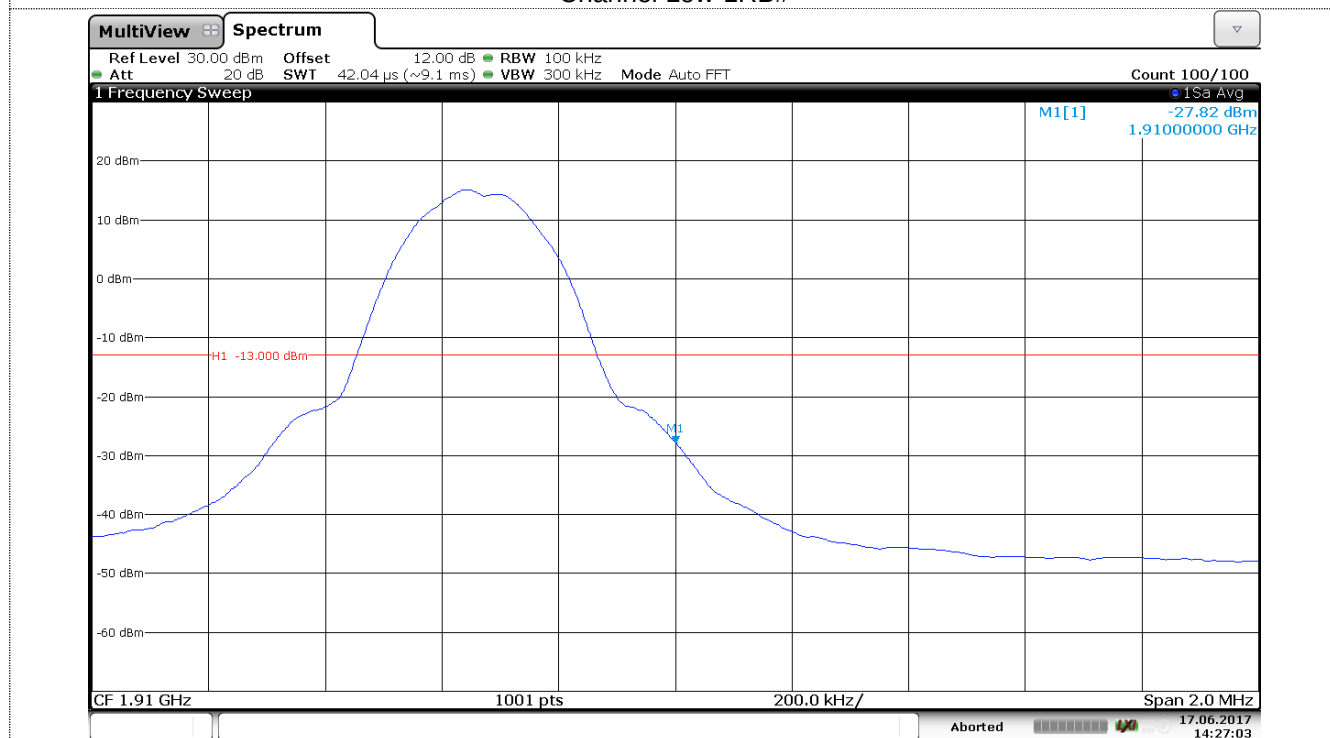


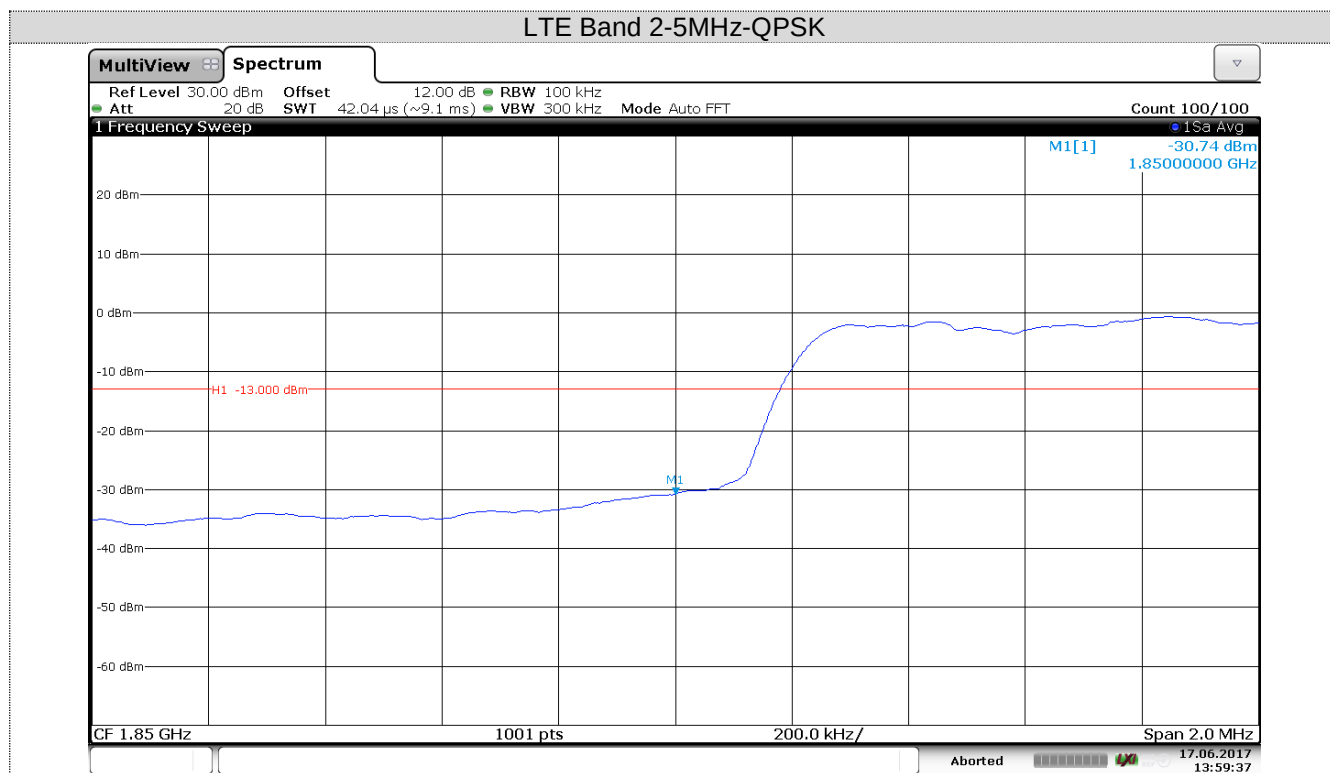


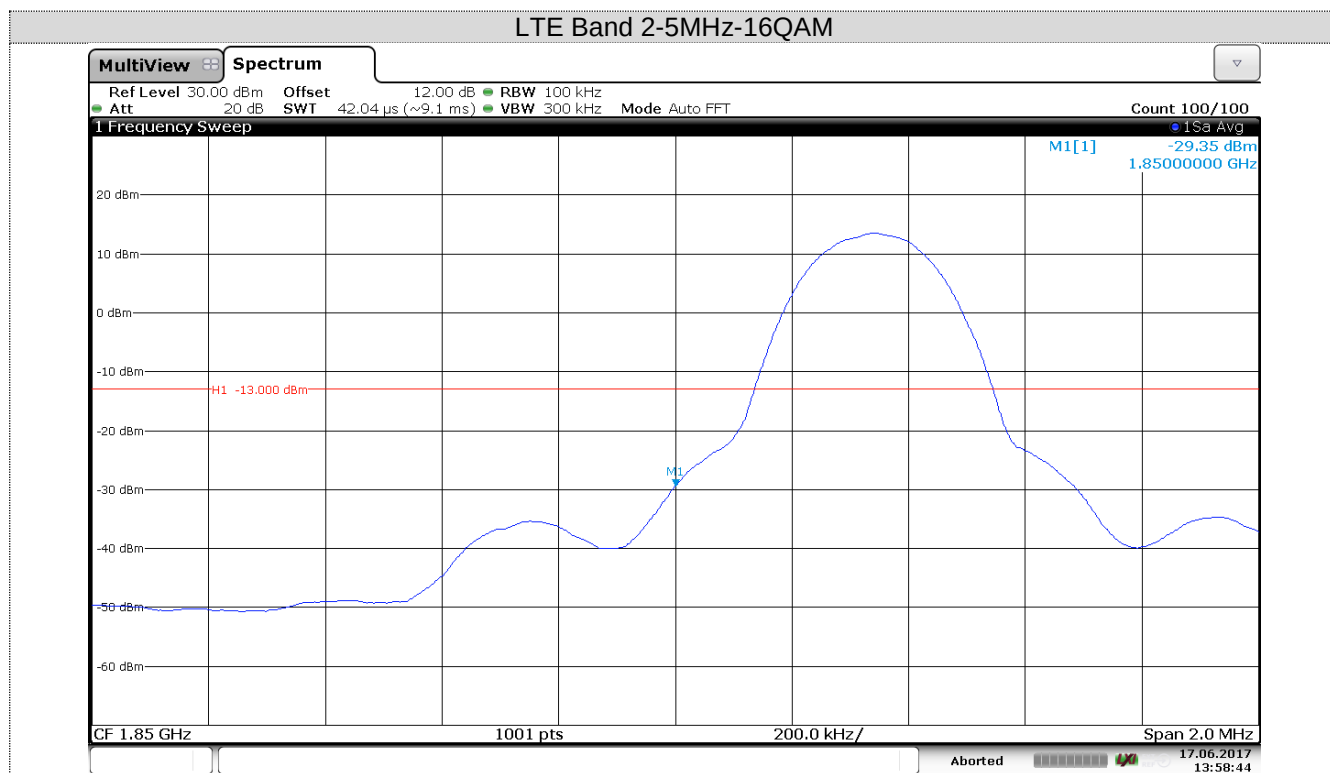
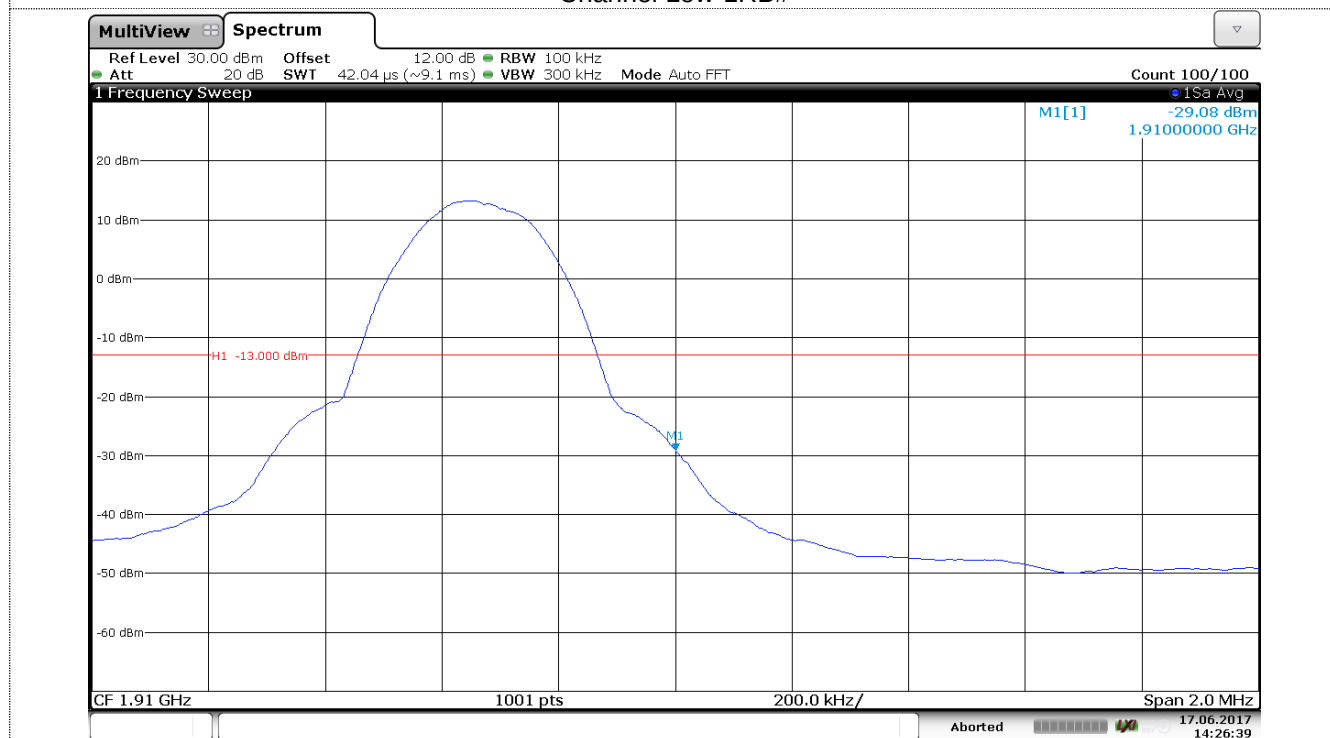


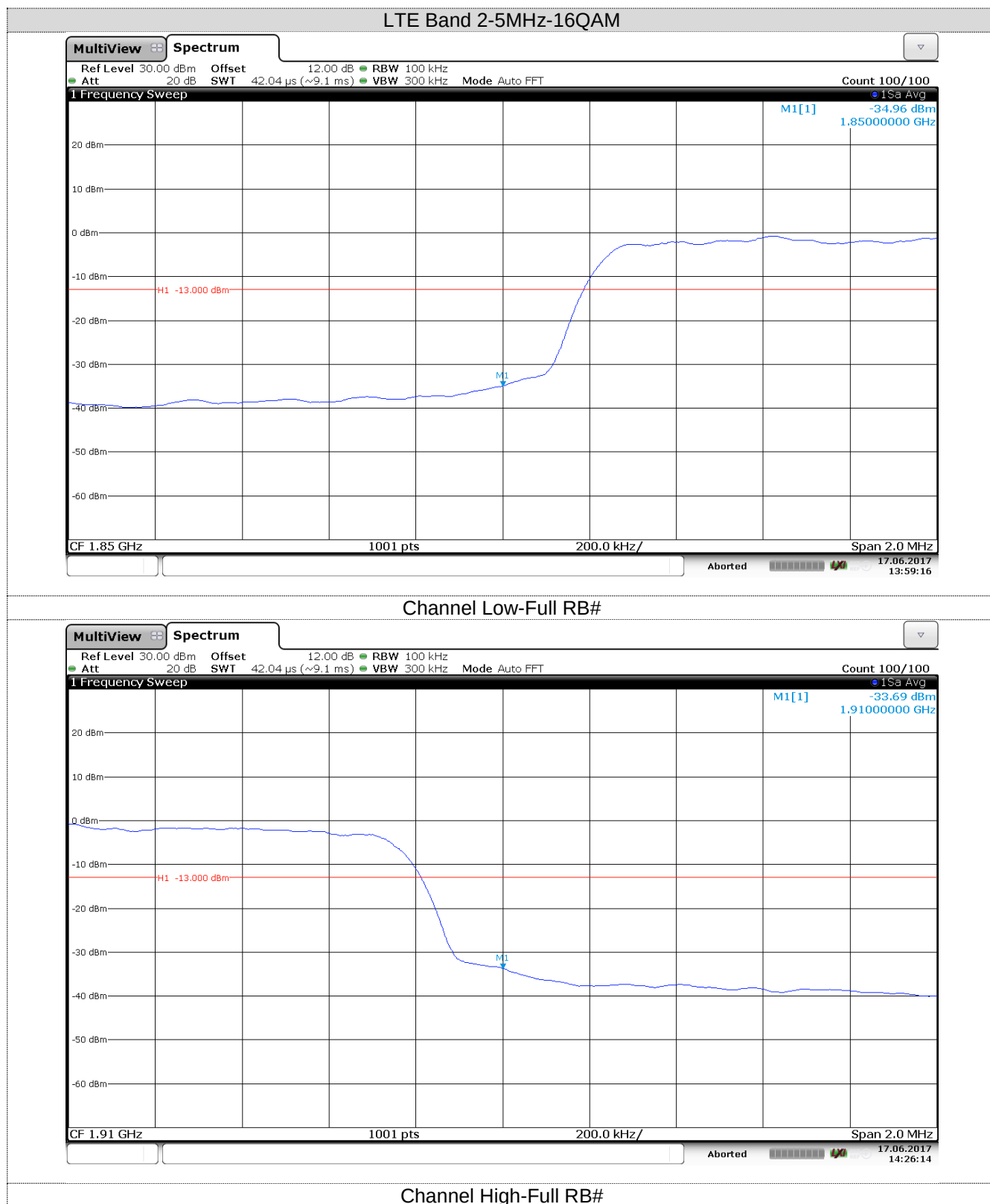


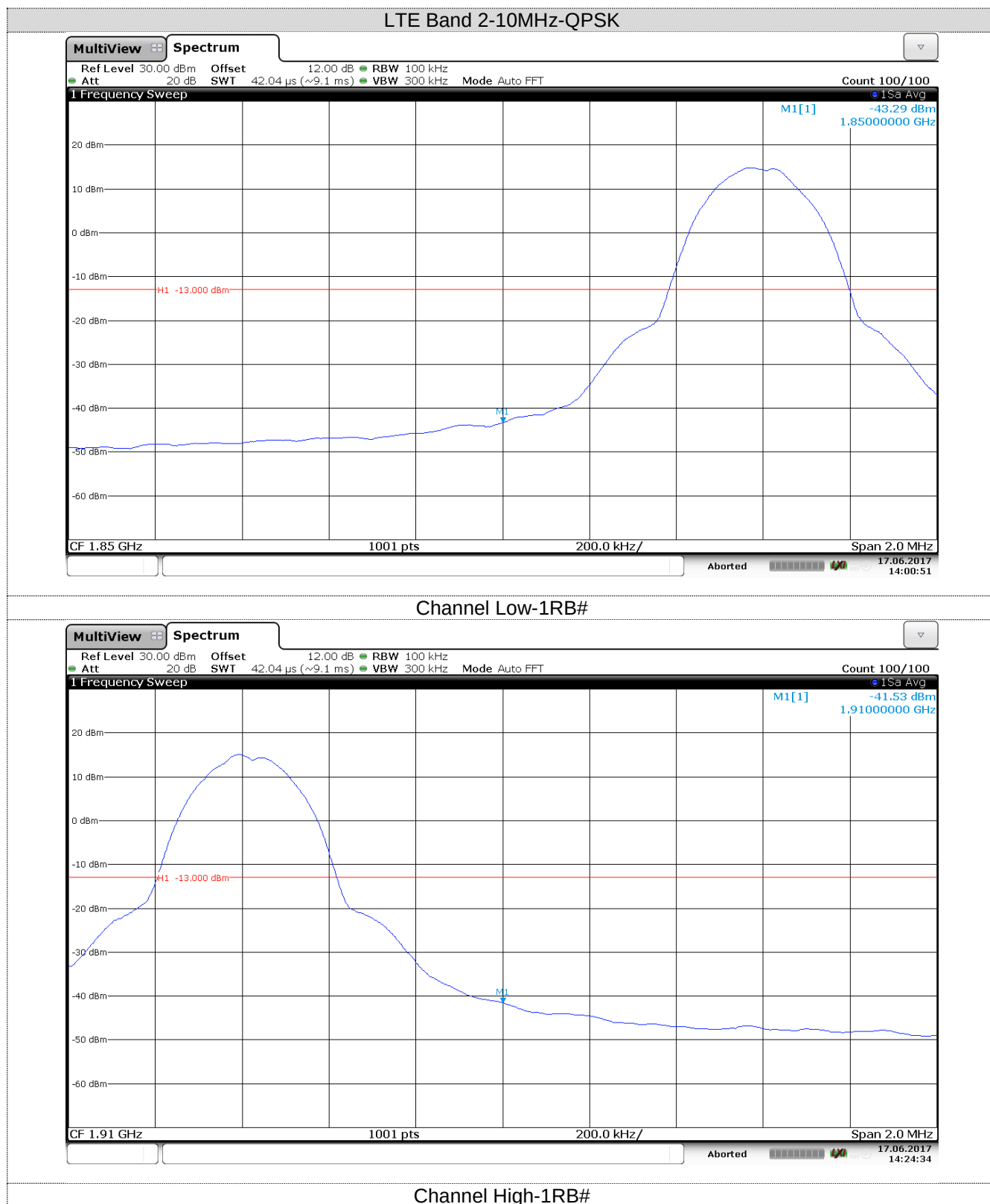


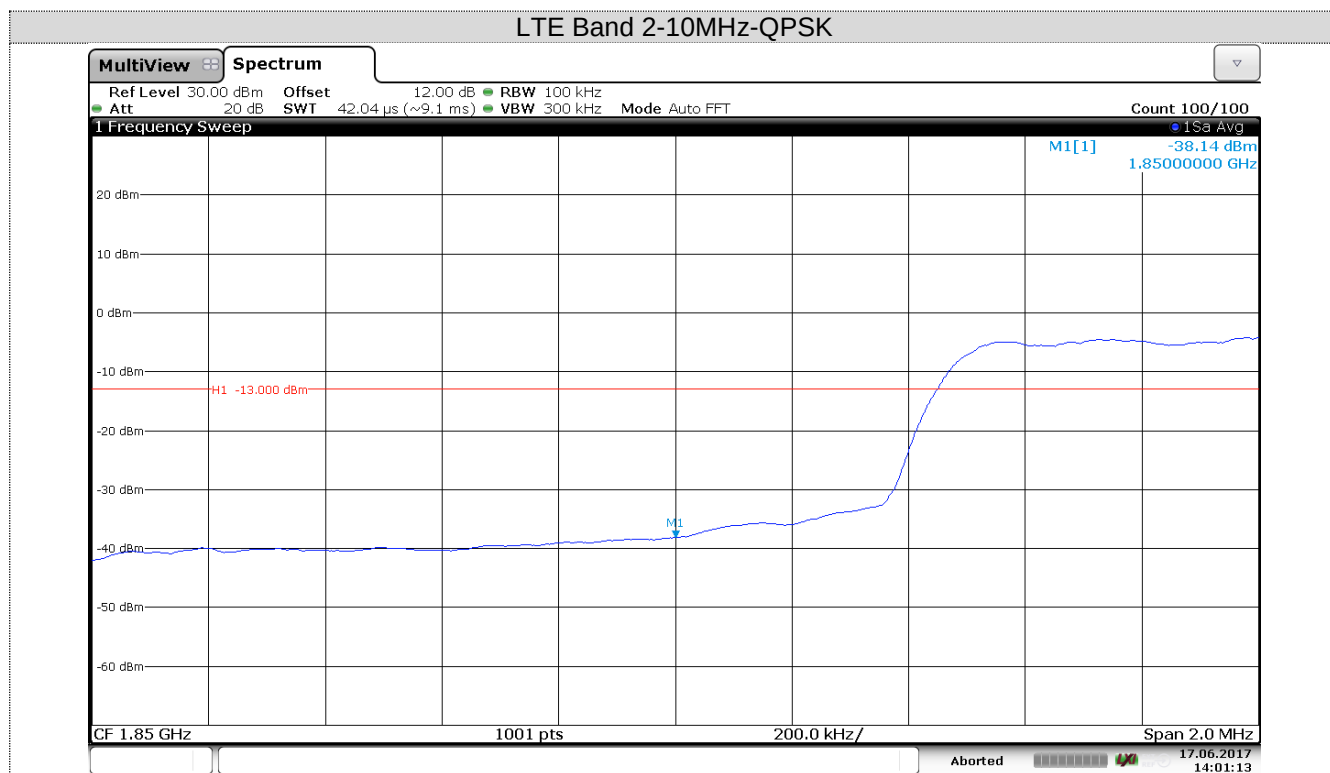
**Channel Low-1RB#****Channel High-1RB#**

**Channel Low-Full RB#****Channel High-Full RB#**

**Channel Low-1RB#****Channel High-1RB#**



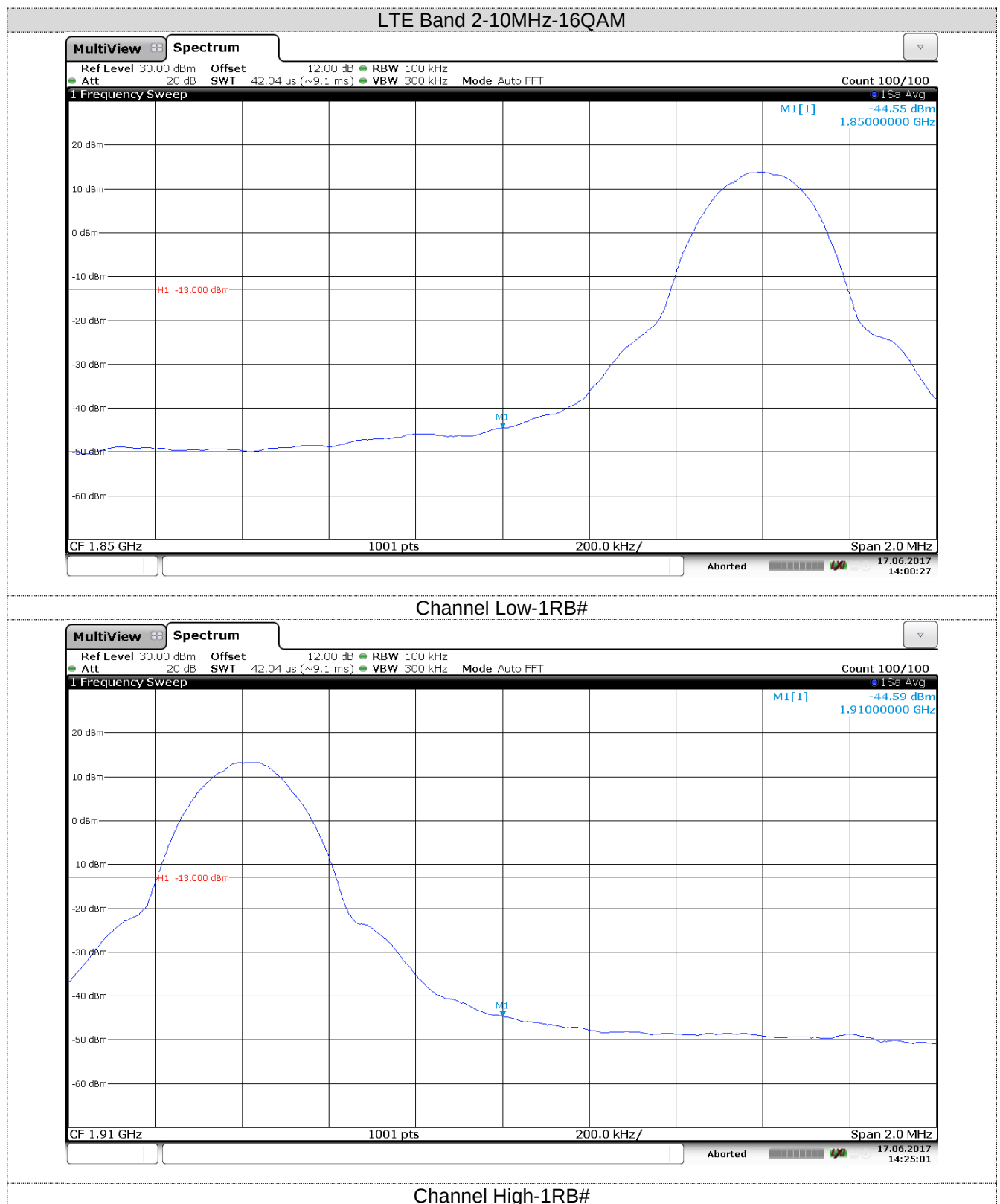


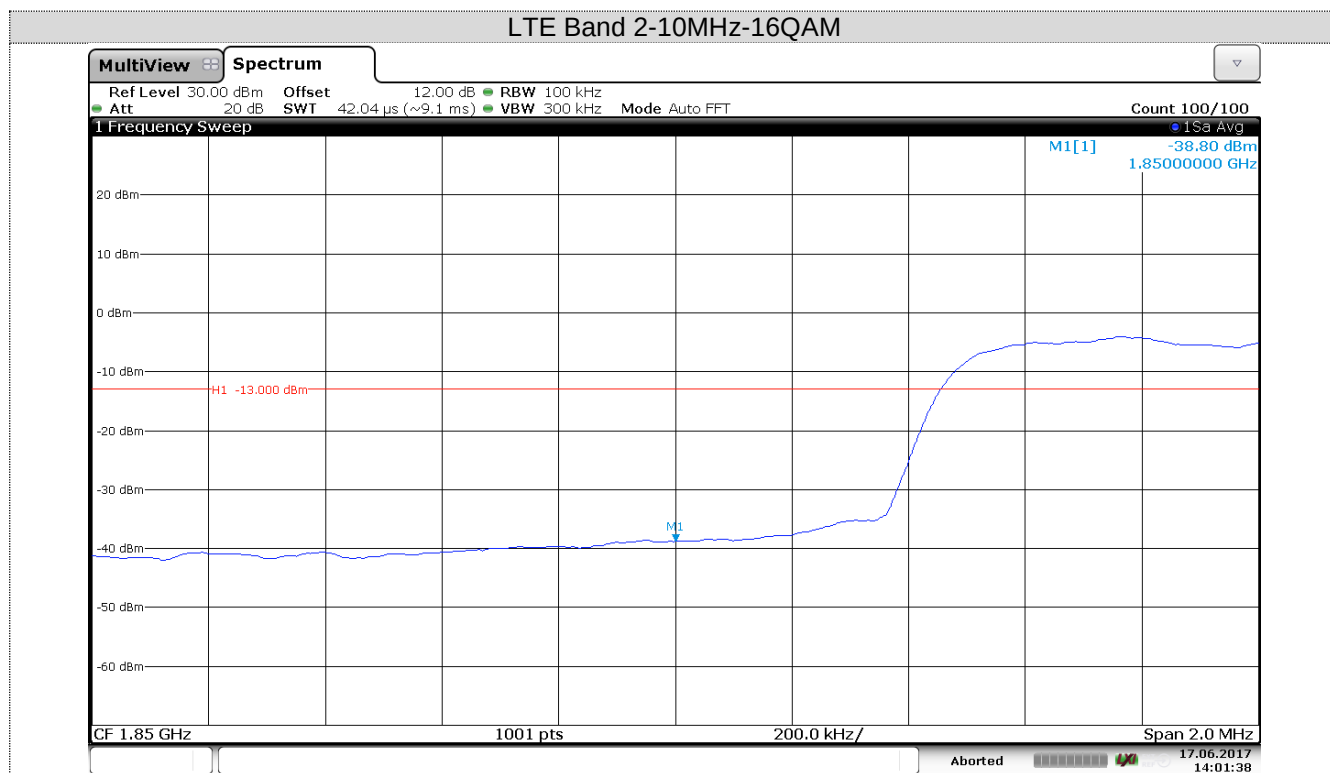


Channel Low-Full RB#

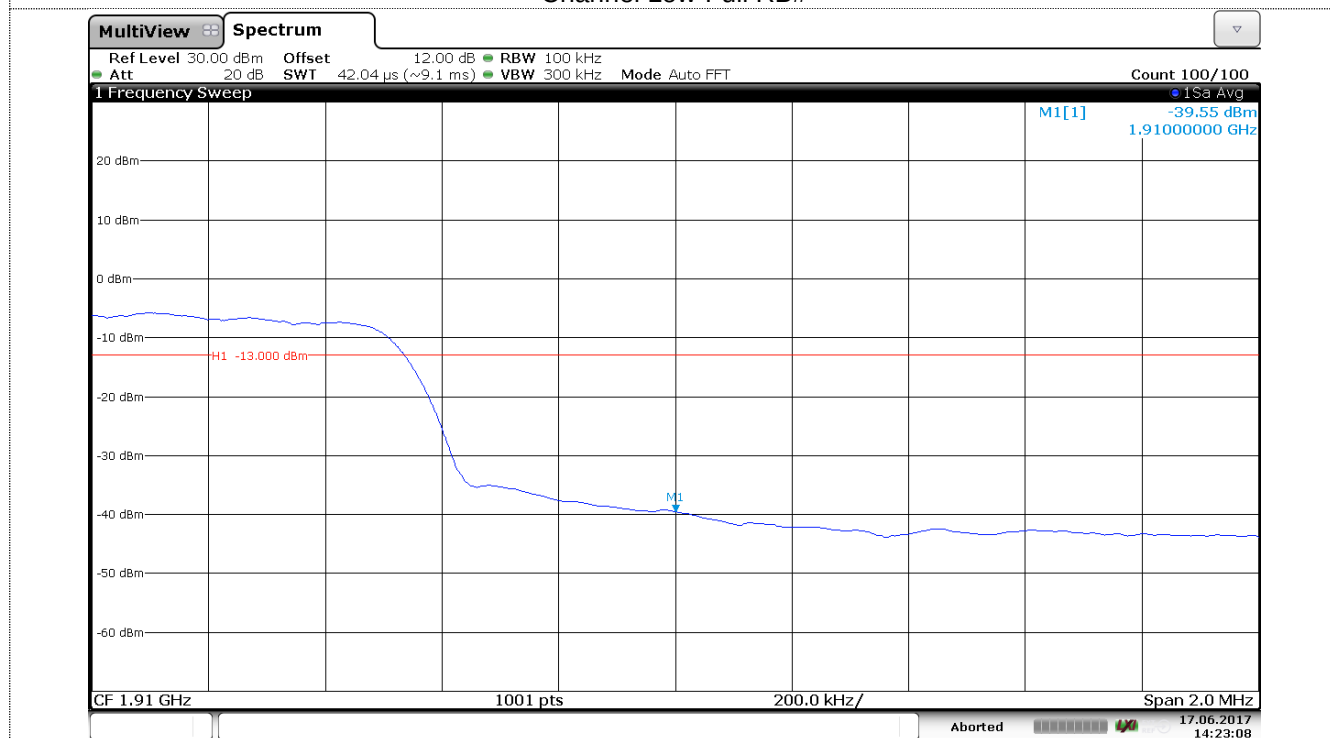


Channel High-Full RB#

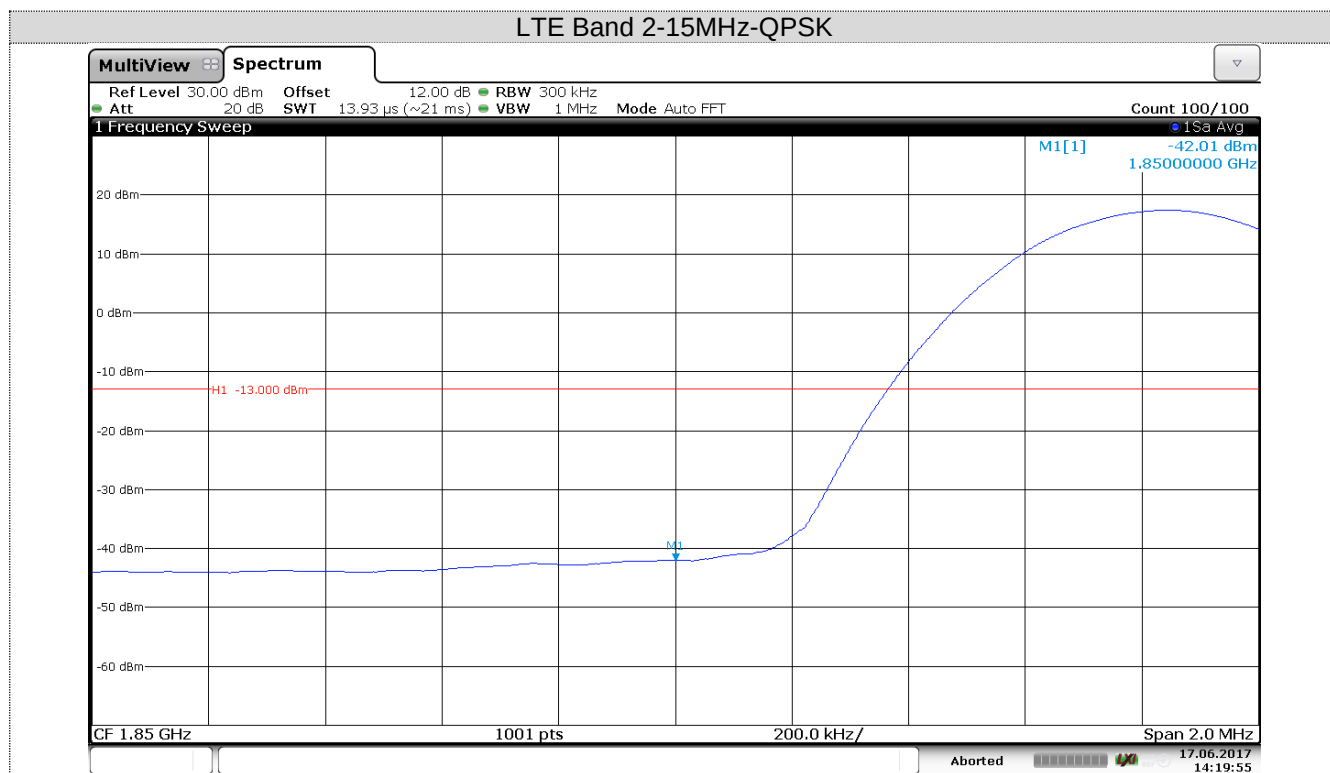




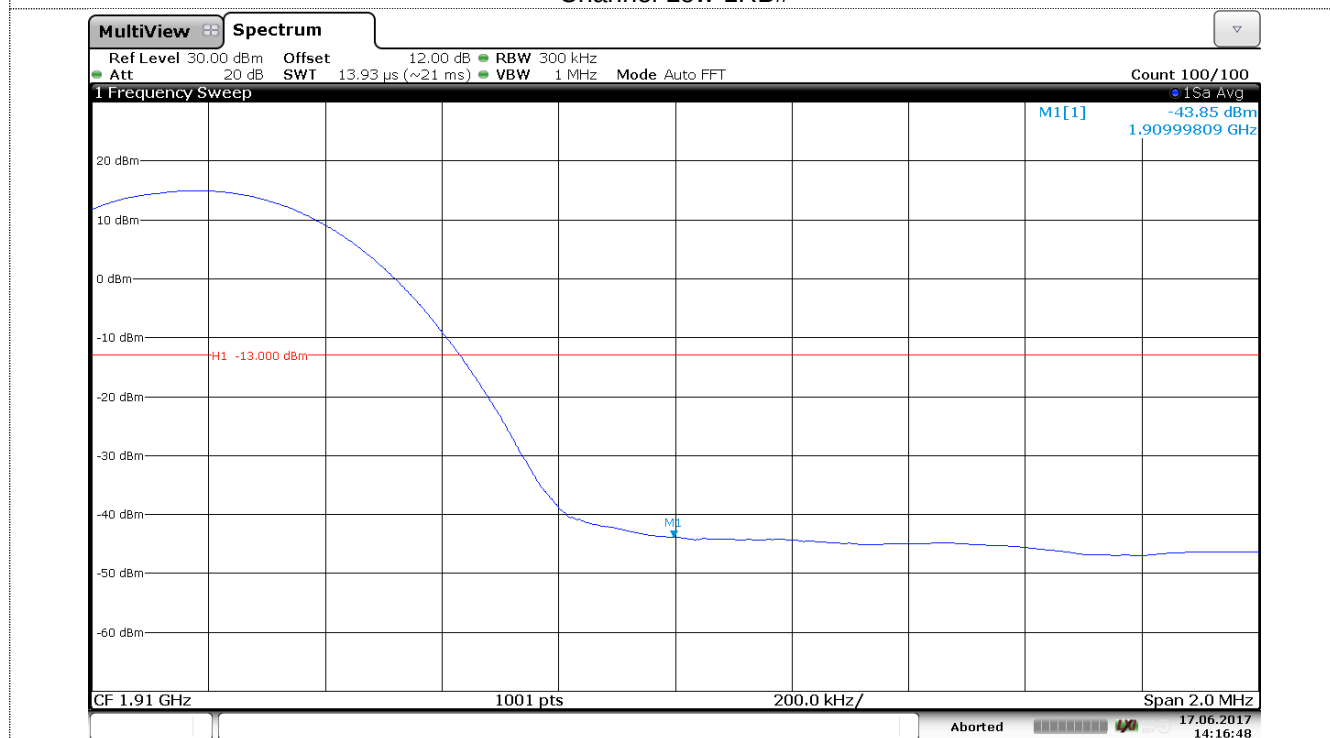
Channel Low-Full RB#



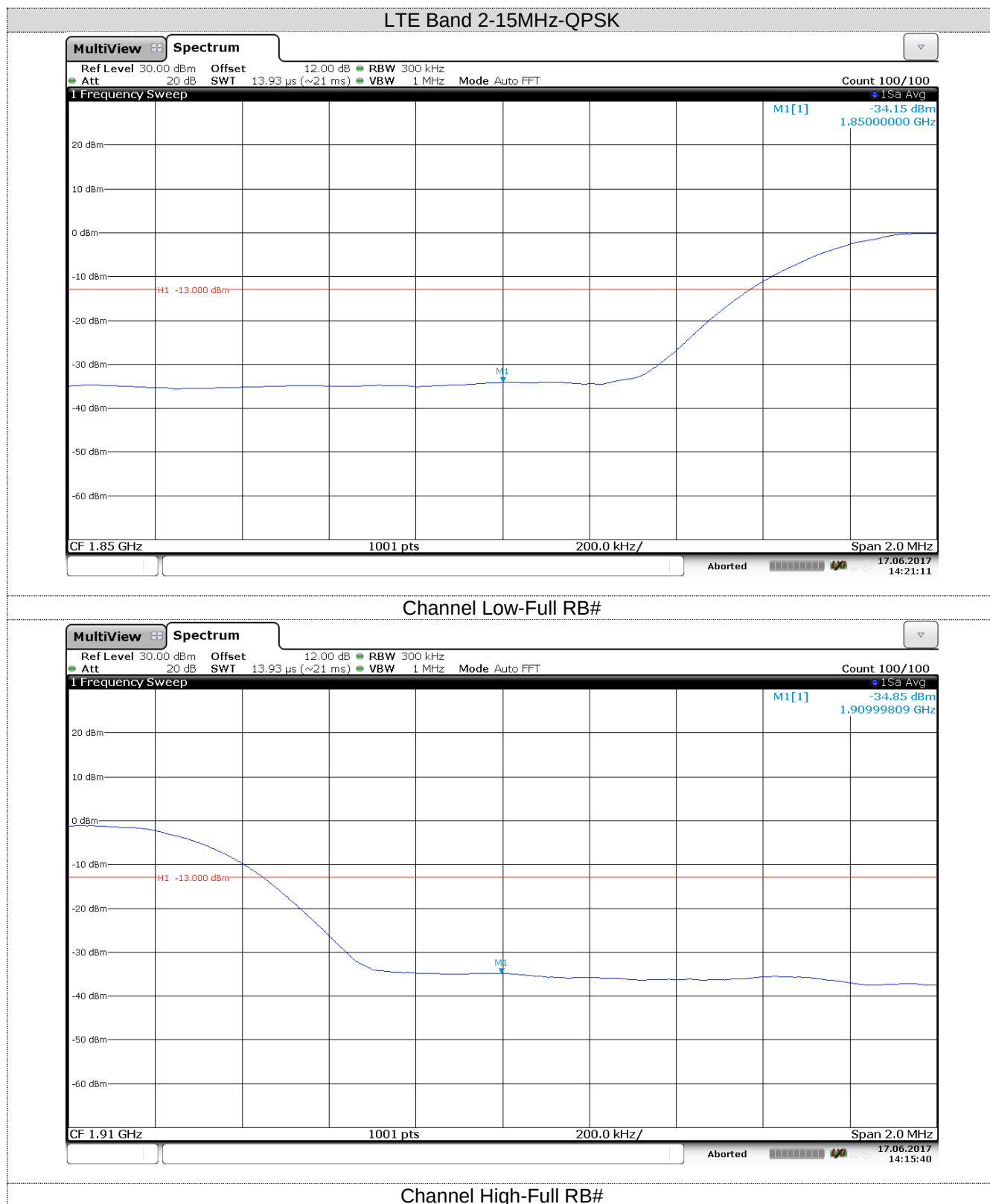
Channel High-Full RB#

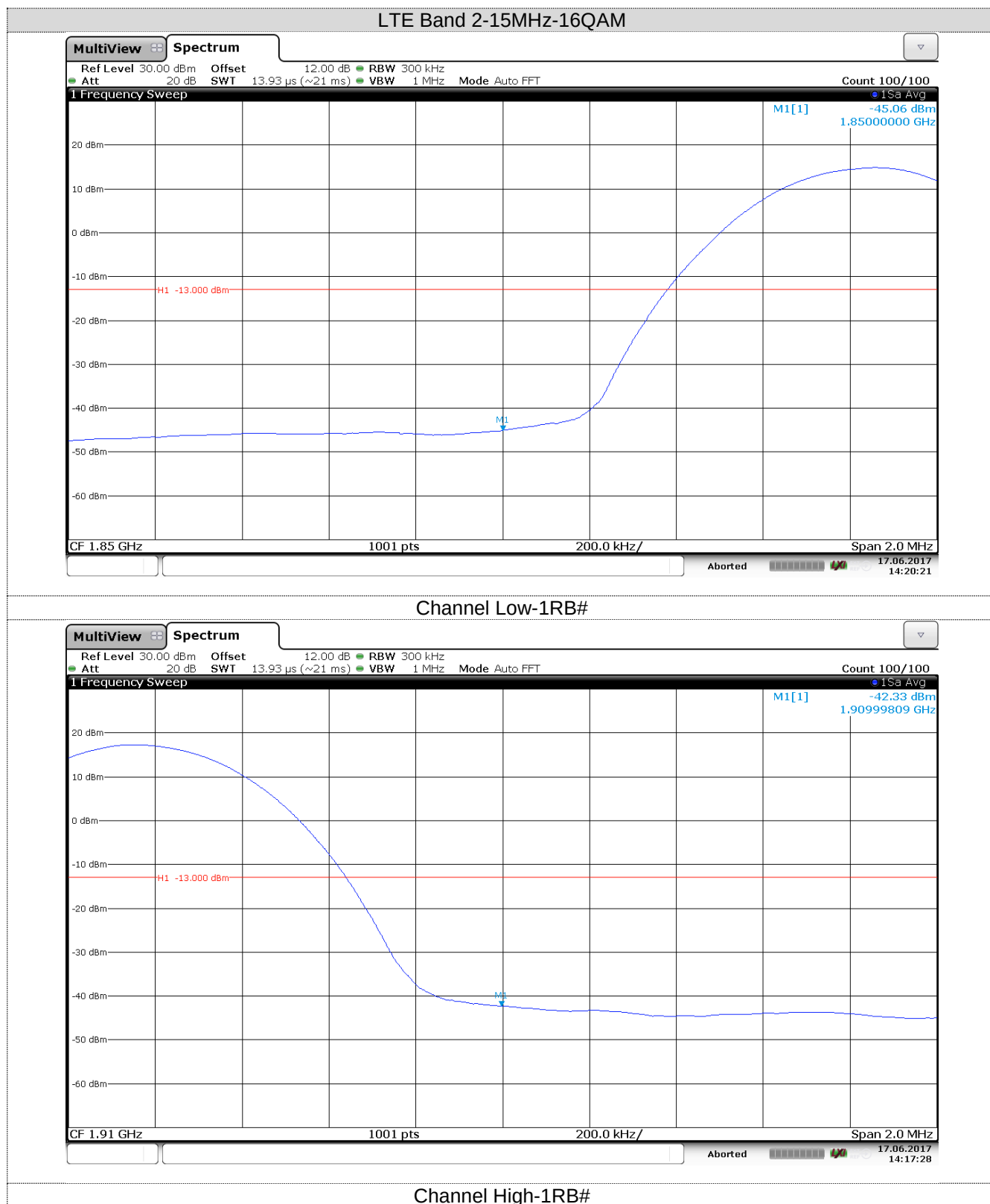


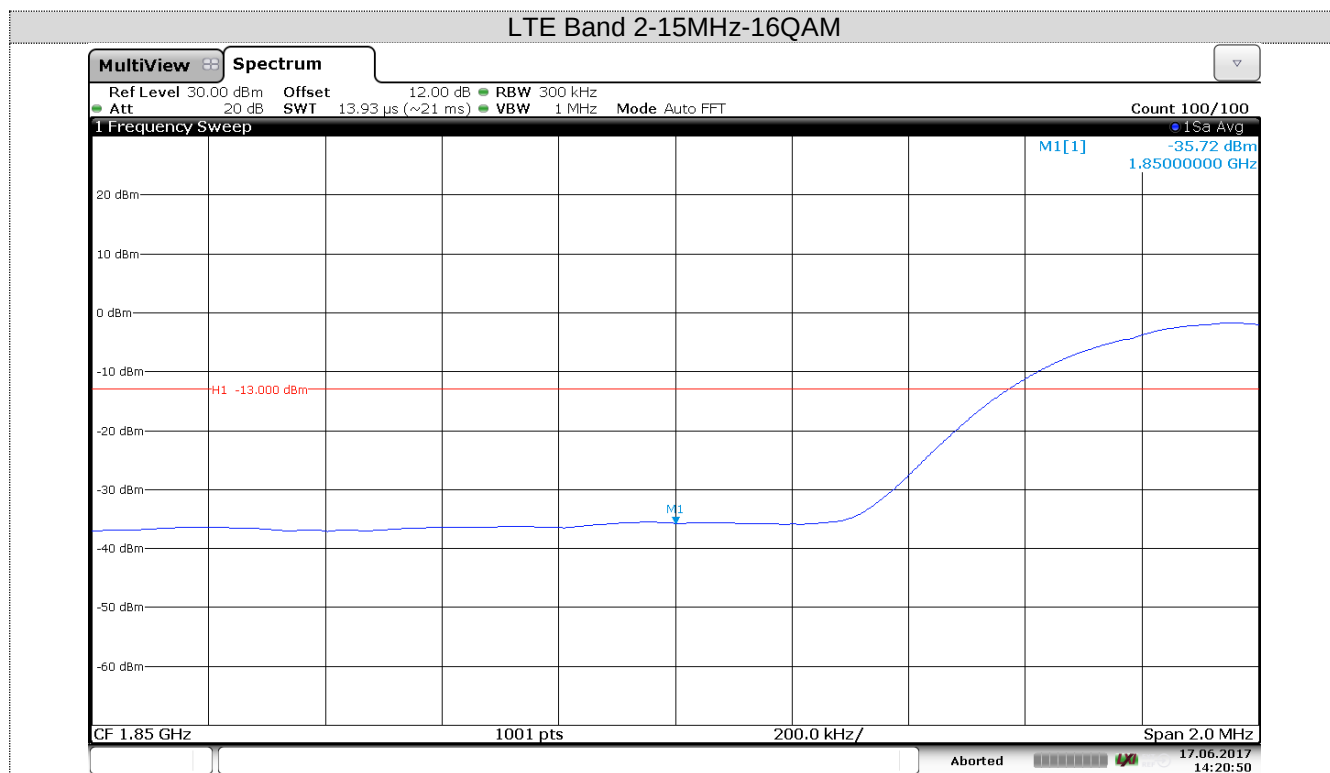
Channel Low-1RB#



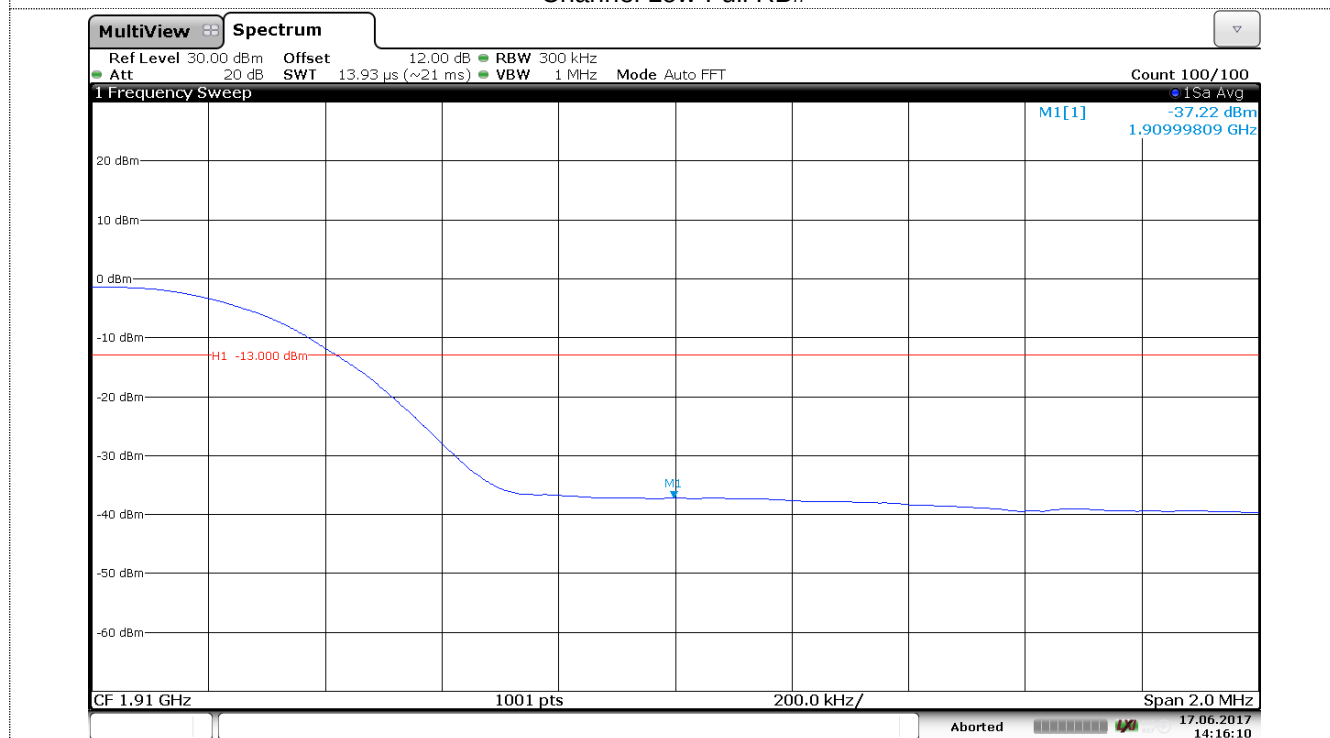
Channel High-1RB#



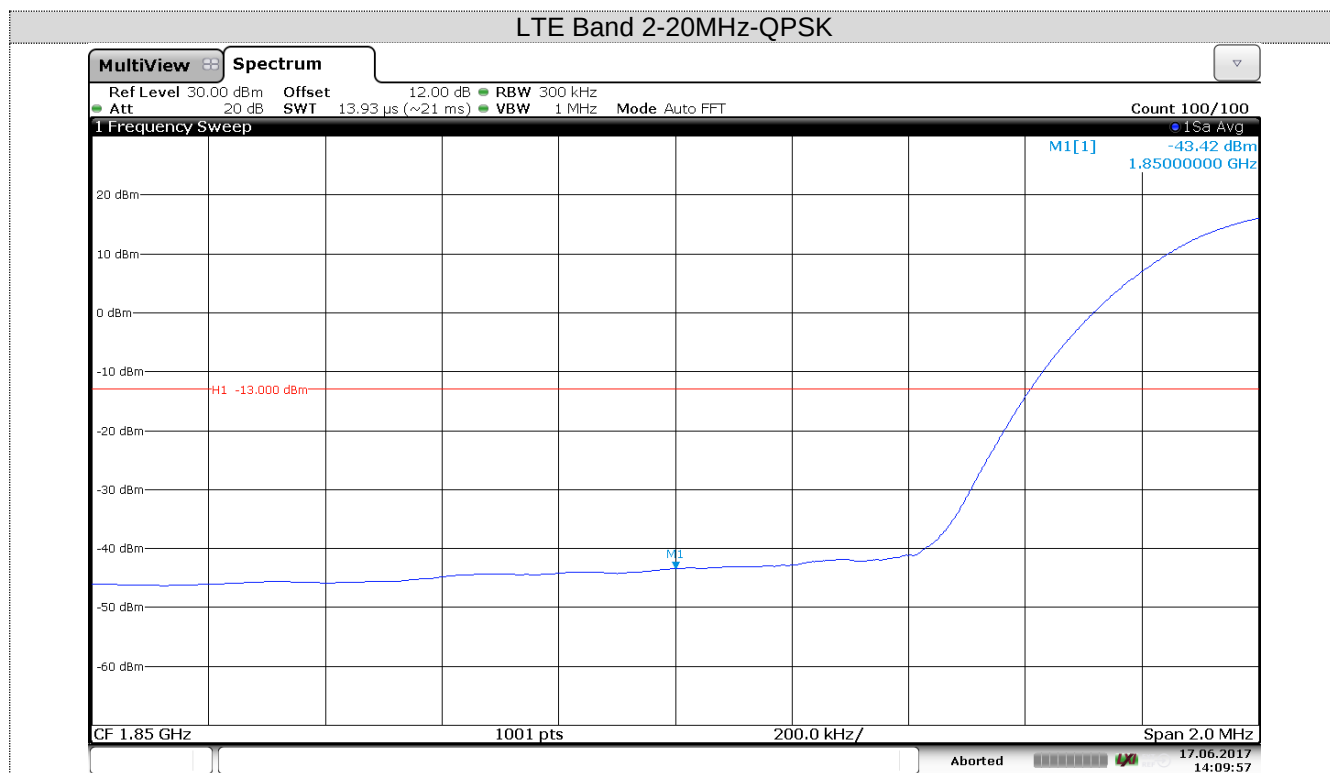
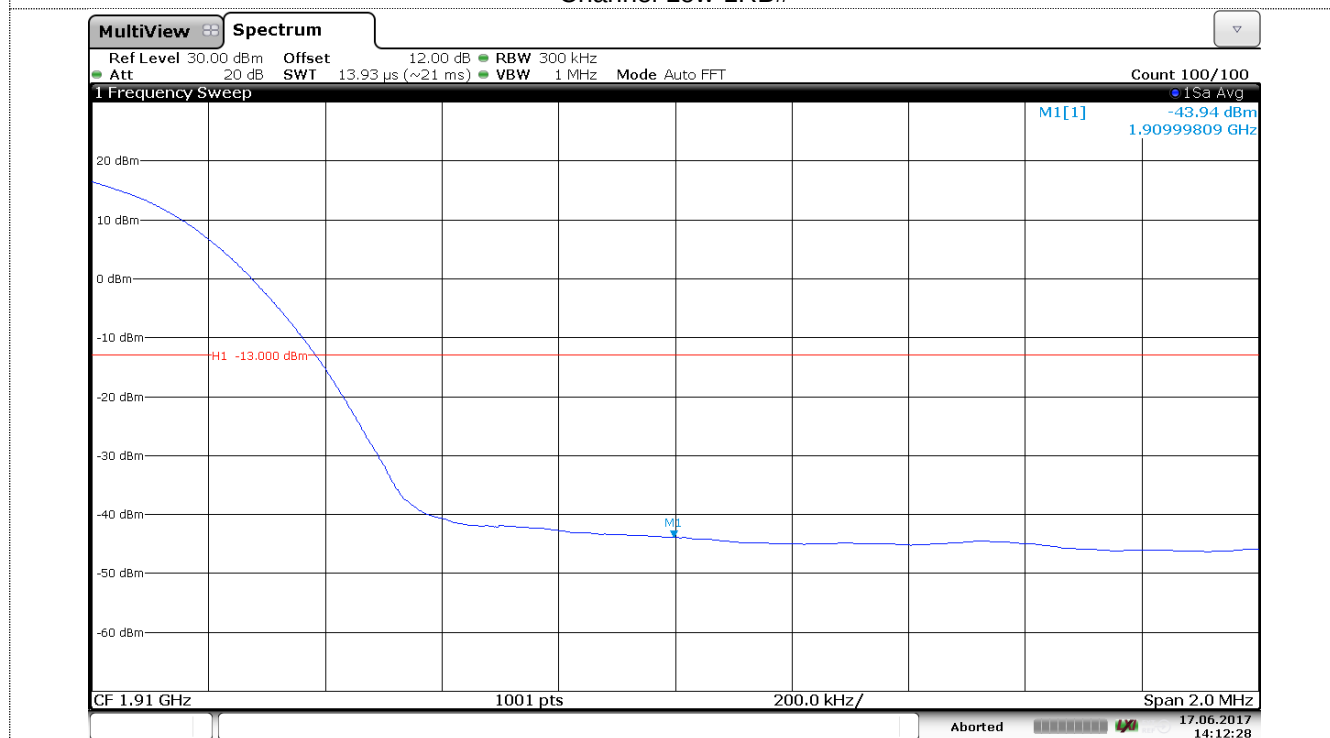


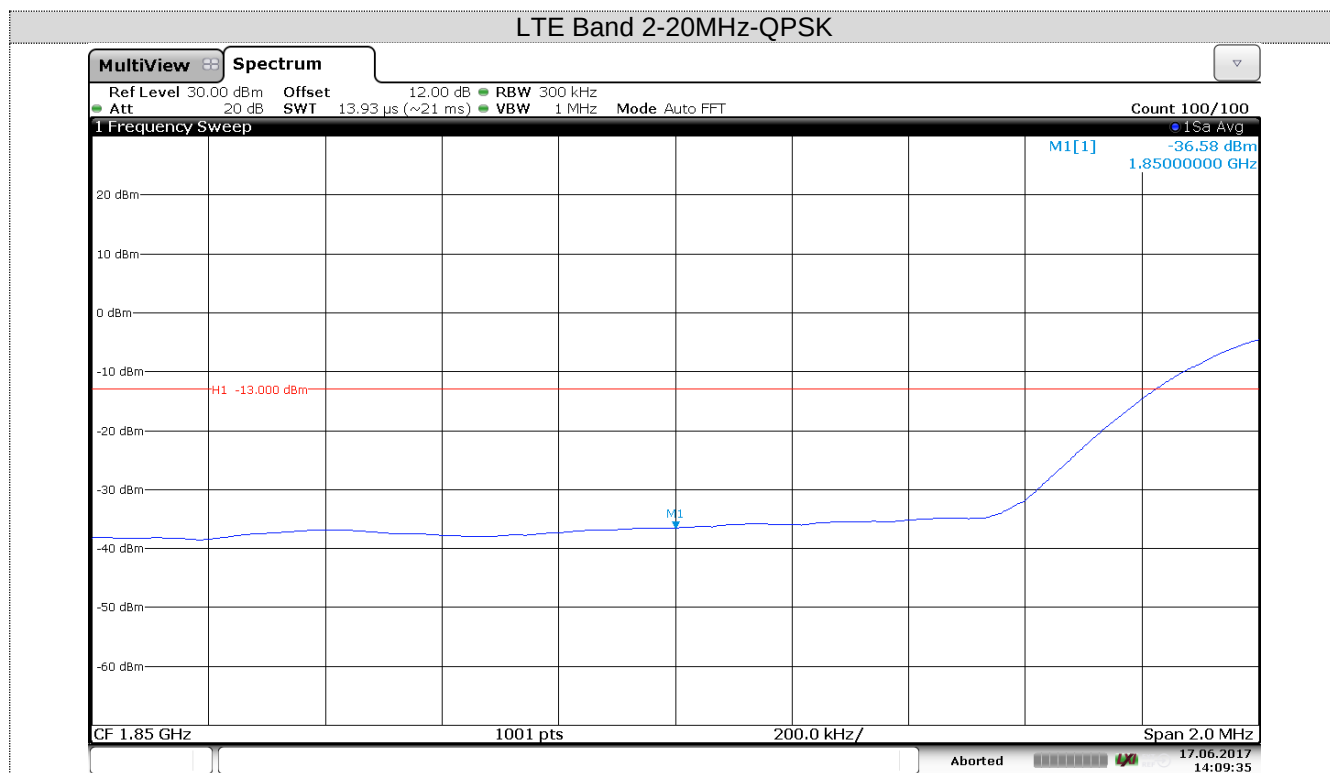


Channel Low-Full RB#

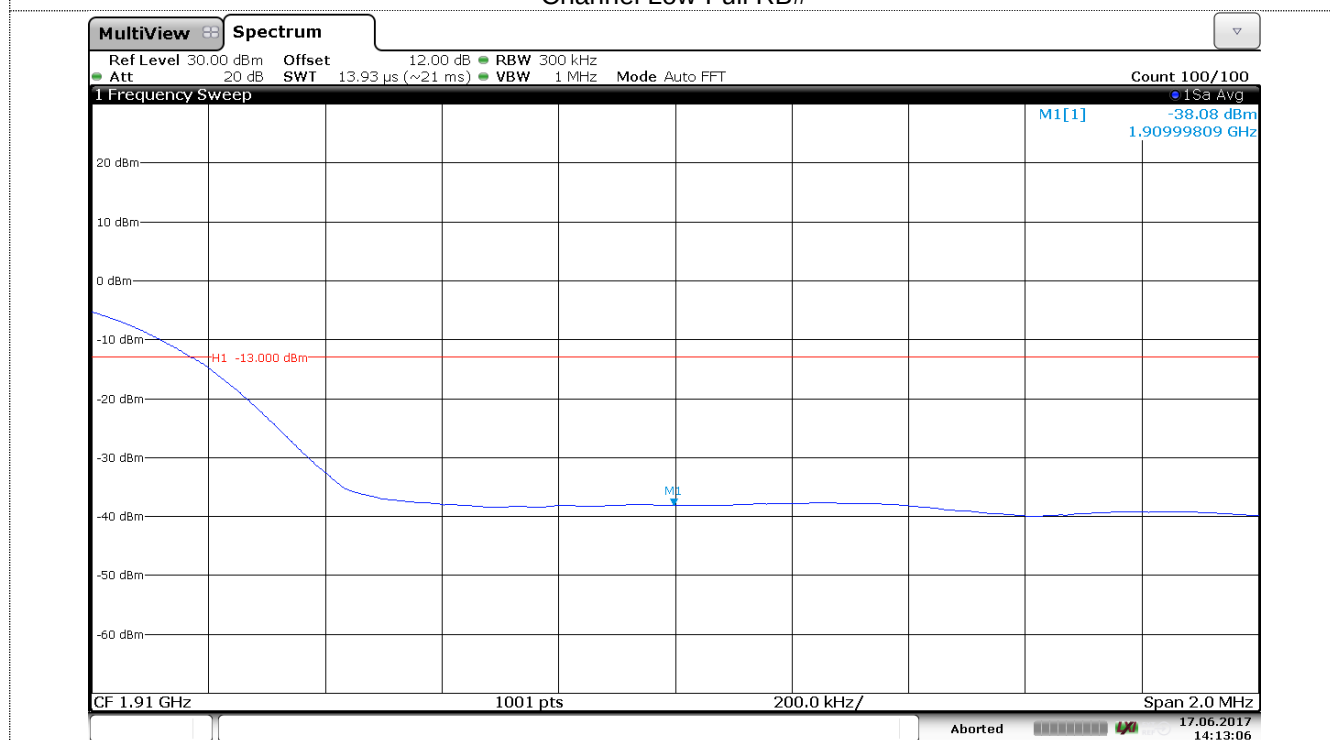


Channel High-Full RB#

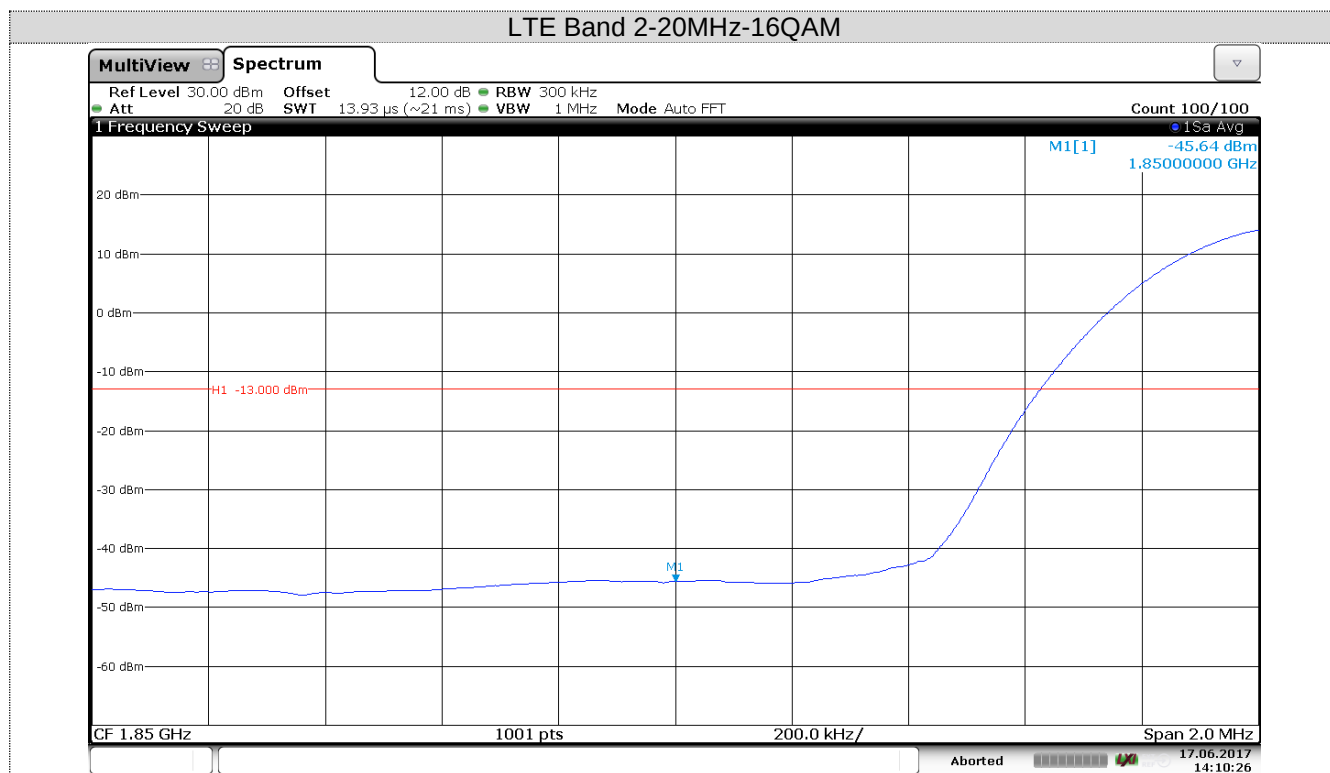
**Channel Low-1RB#****Channel High-1RB#**



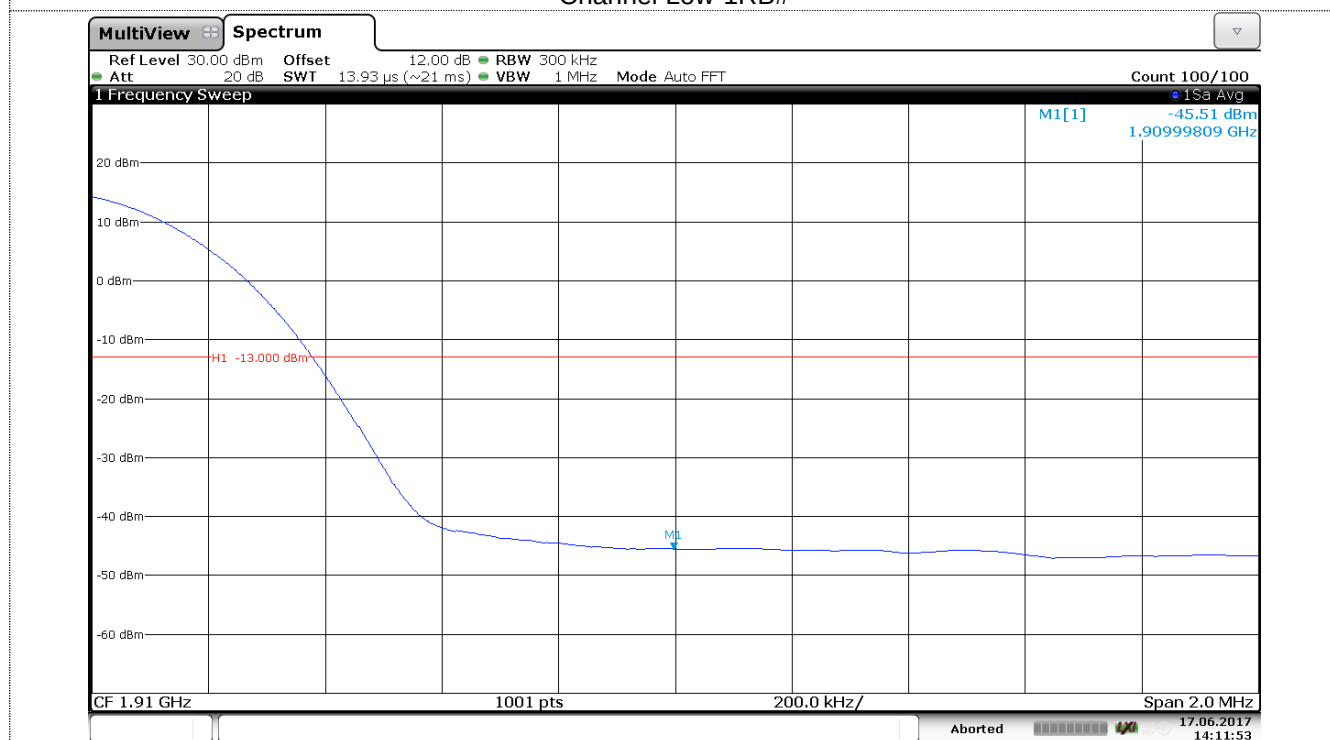
Channel Low-Full RB#



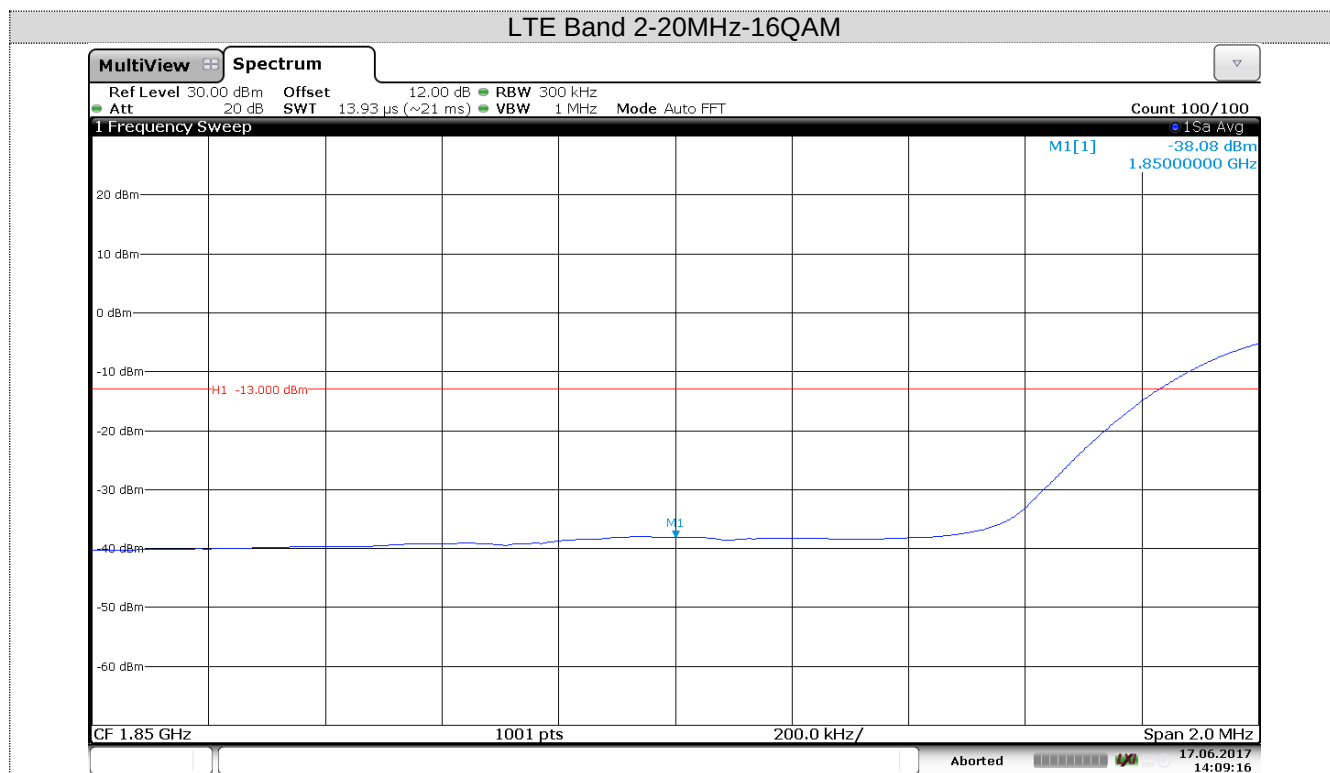
Channel High-Full RB#



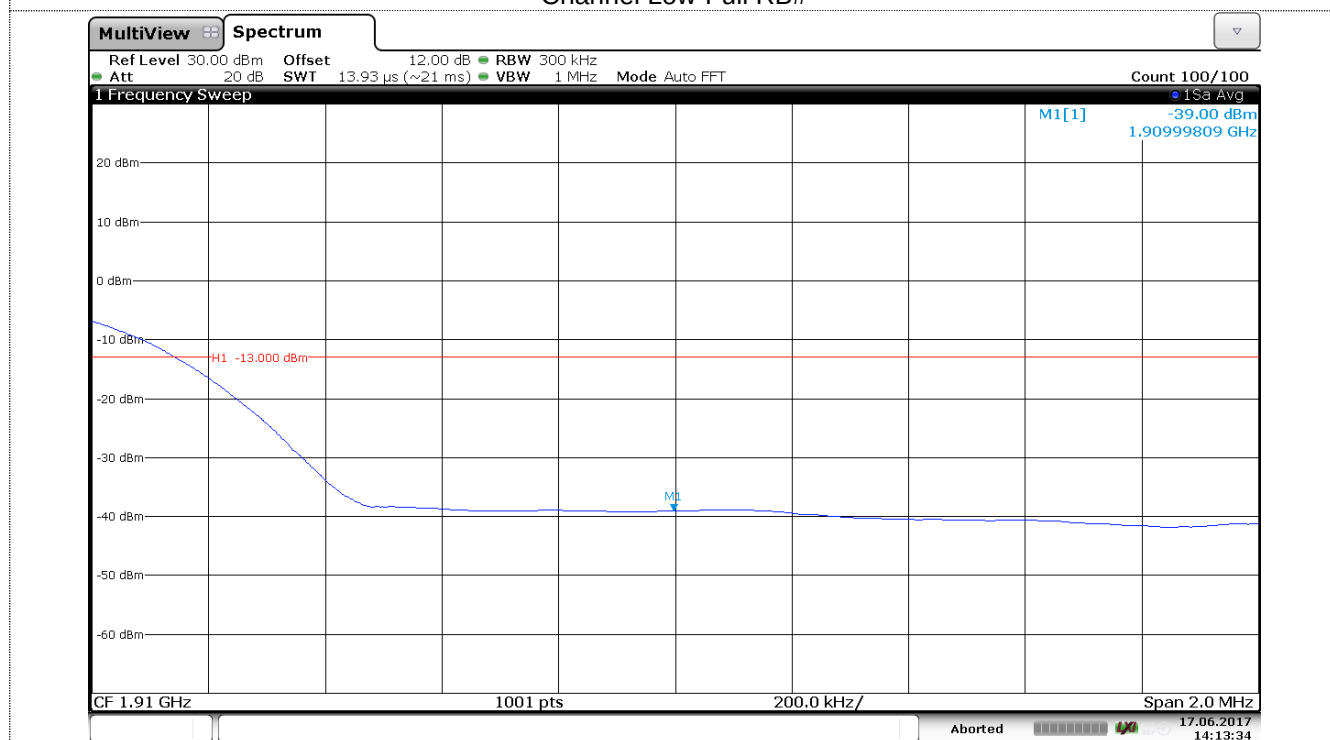
Channel Low-1RB#



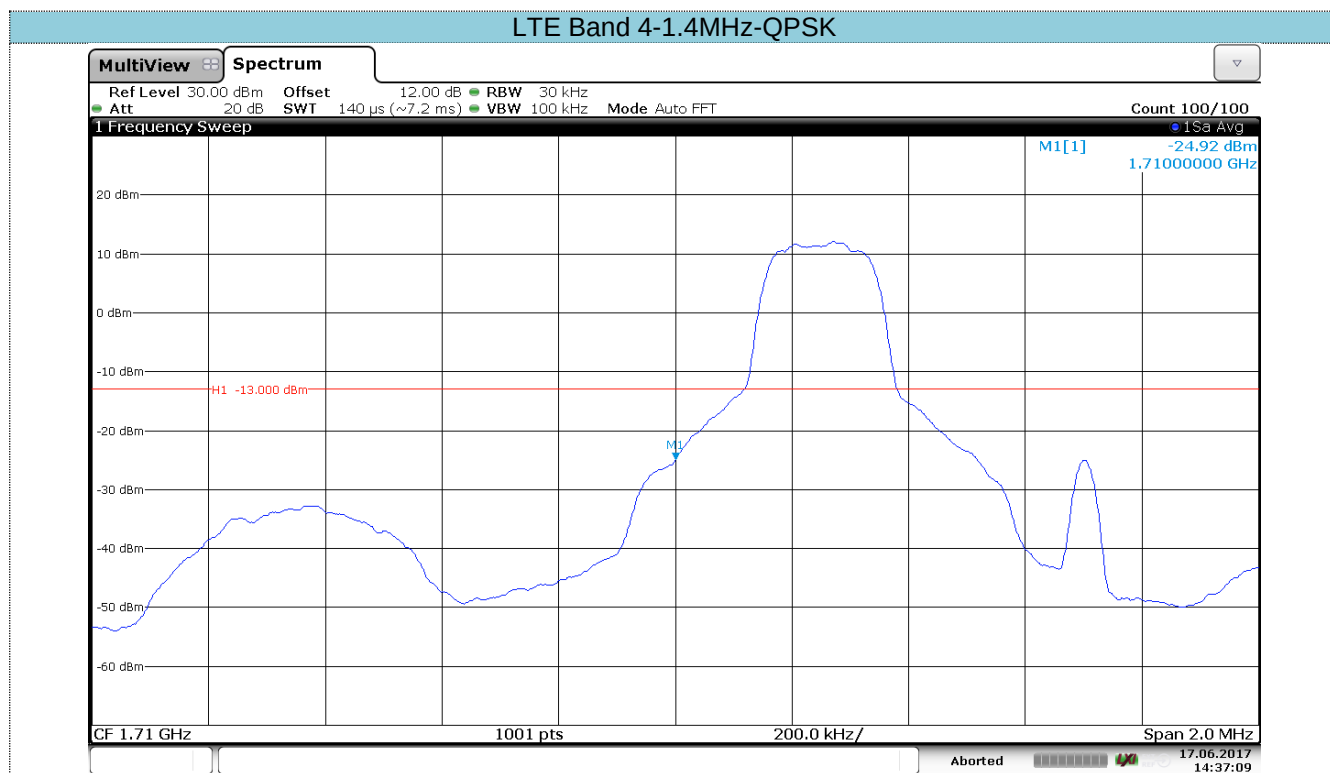
Channel High-1RB#



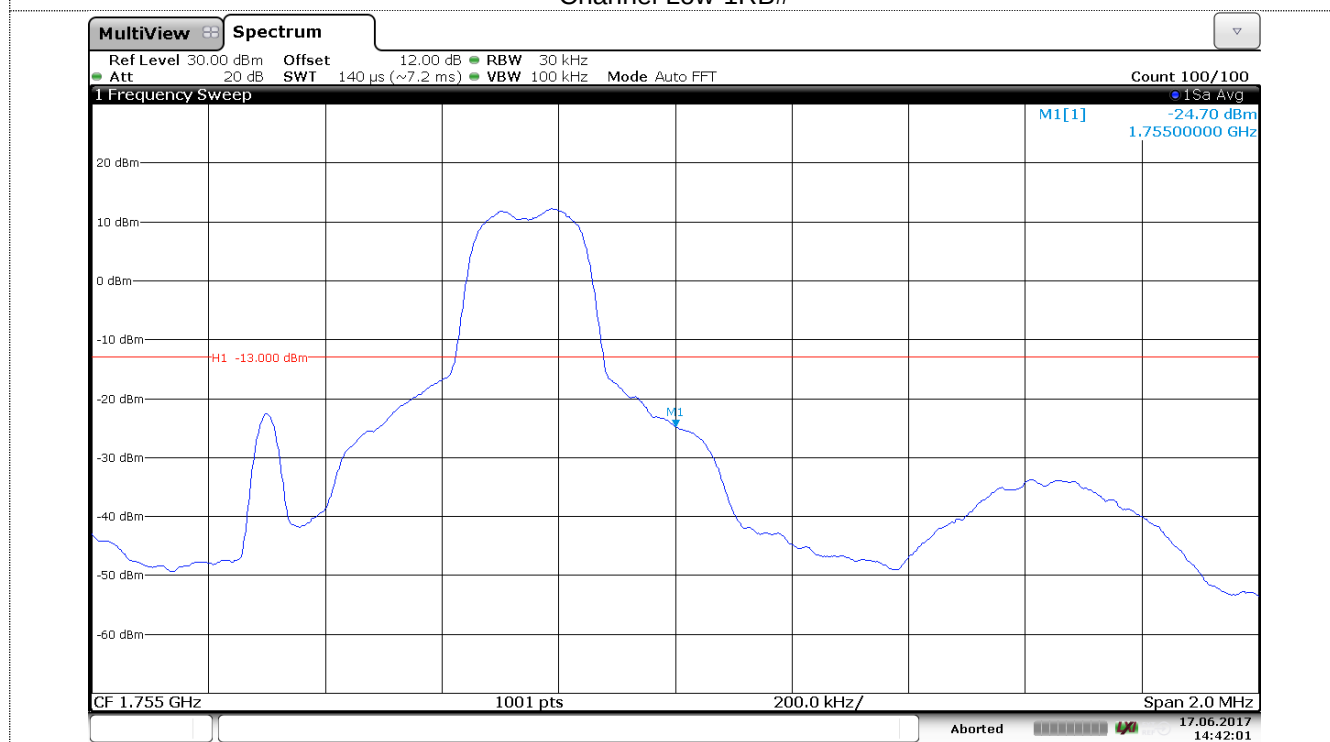
Channel Low-Full RB#



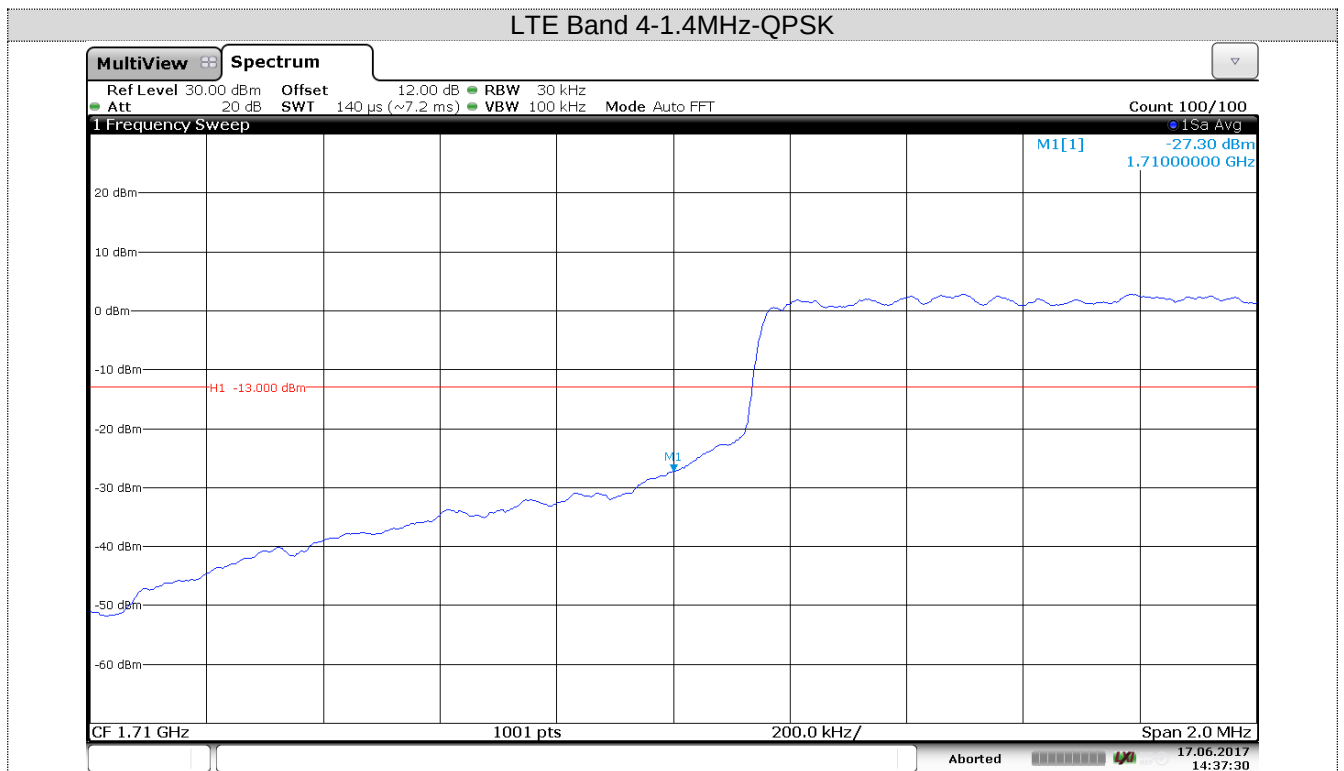
Channel High-Full RB#



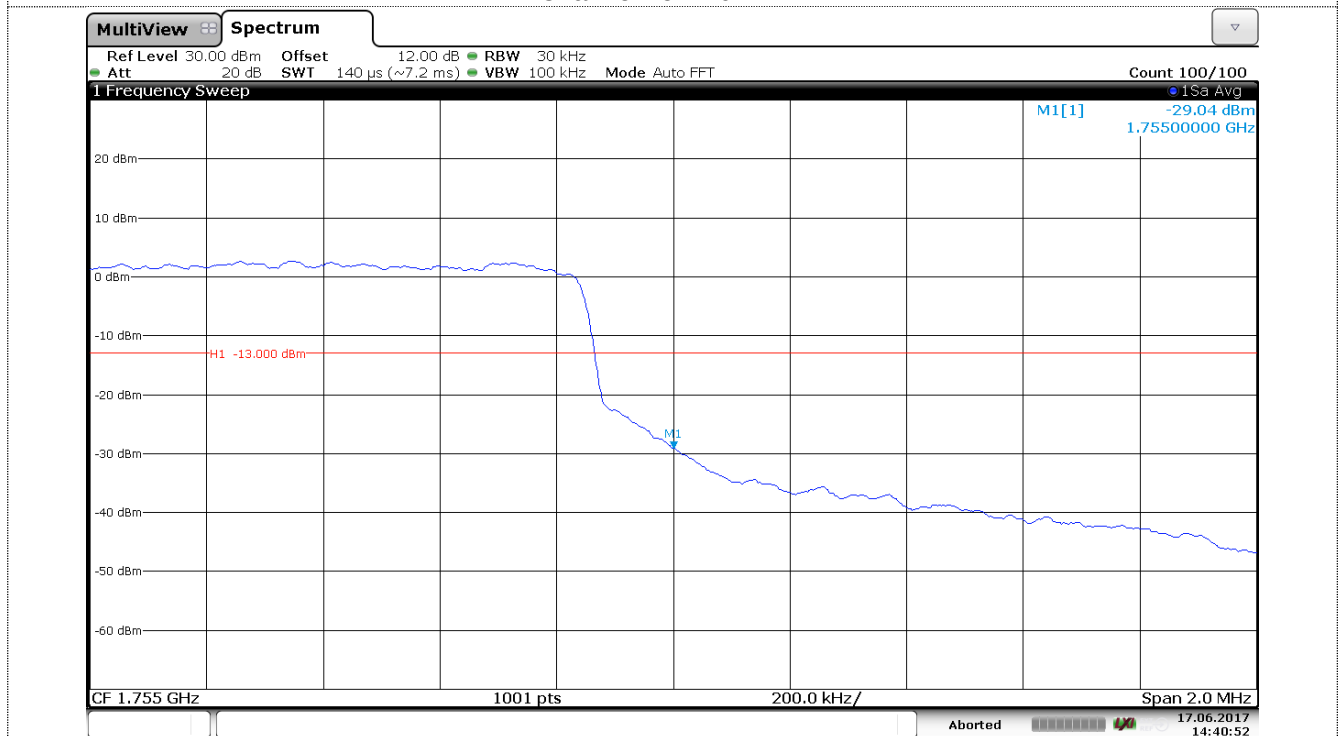
Channel Low-1RB#



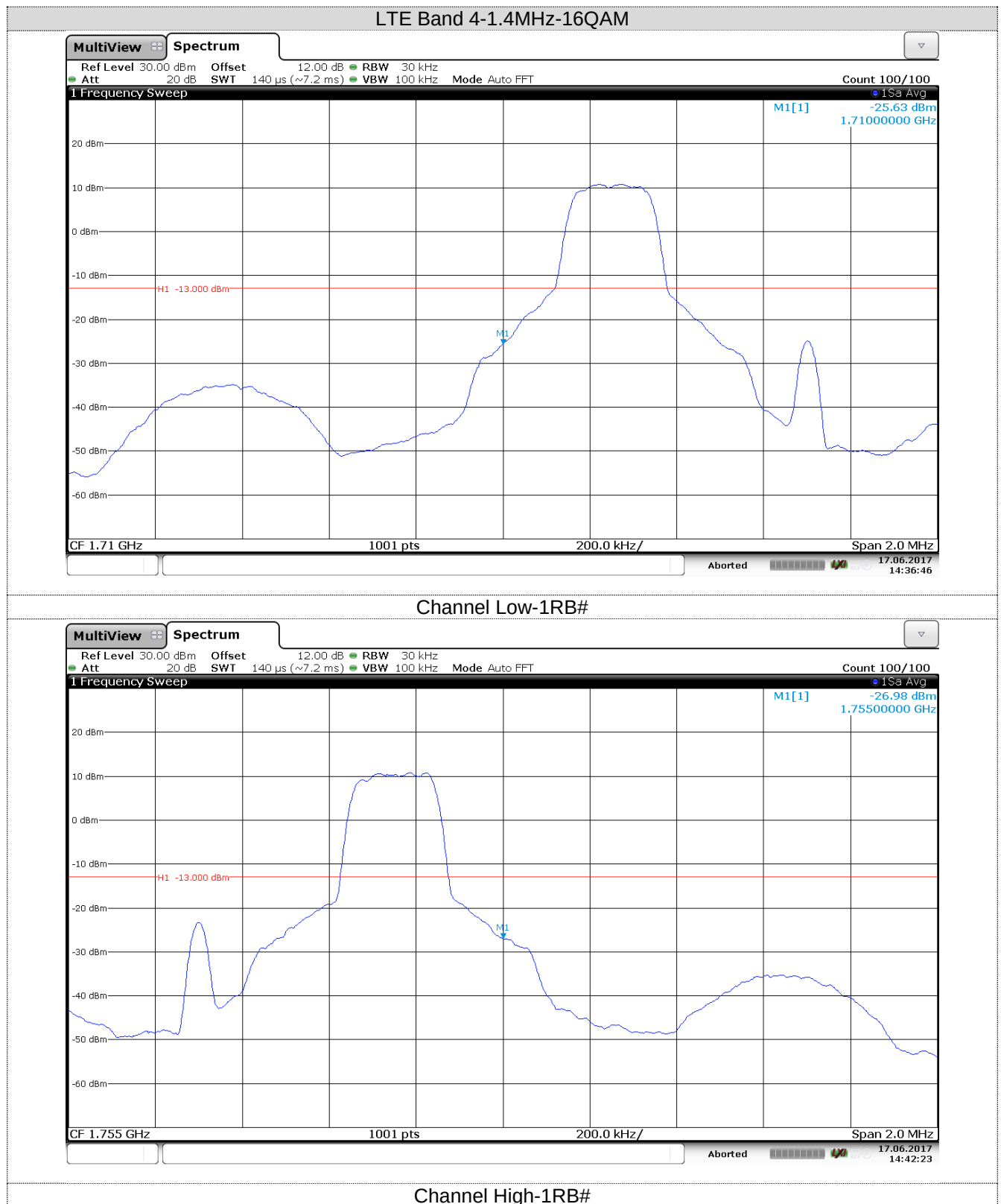
Channel High-1RB#

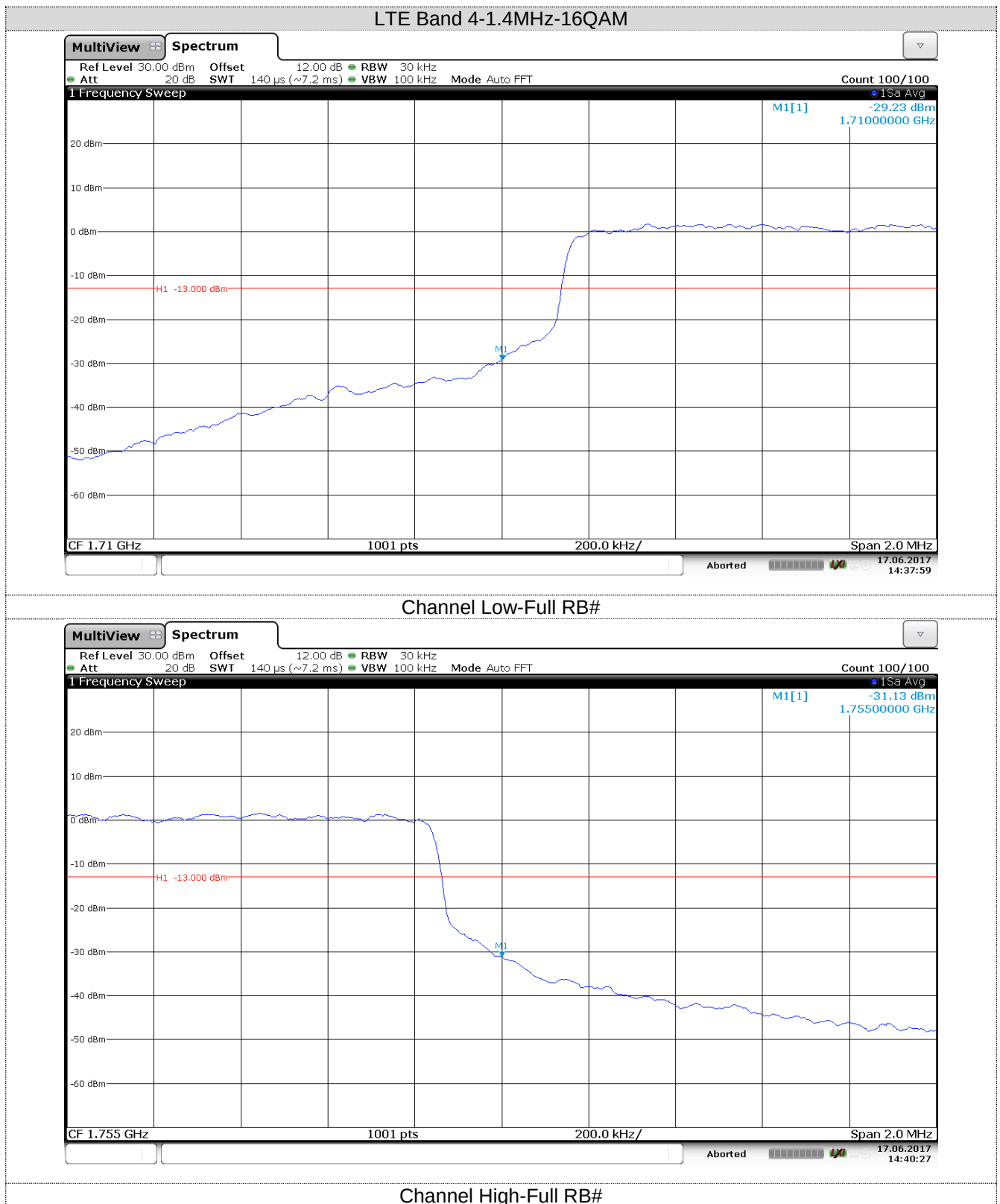


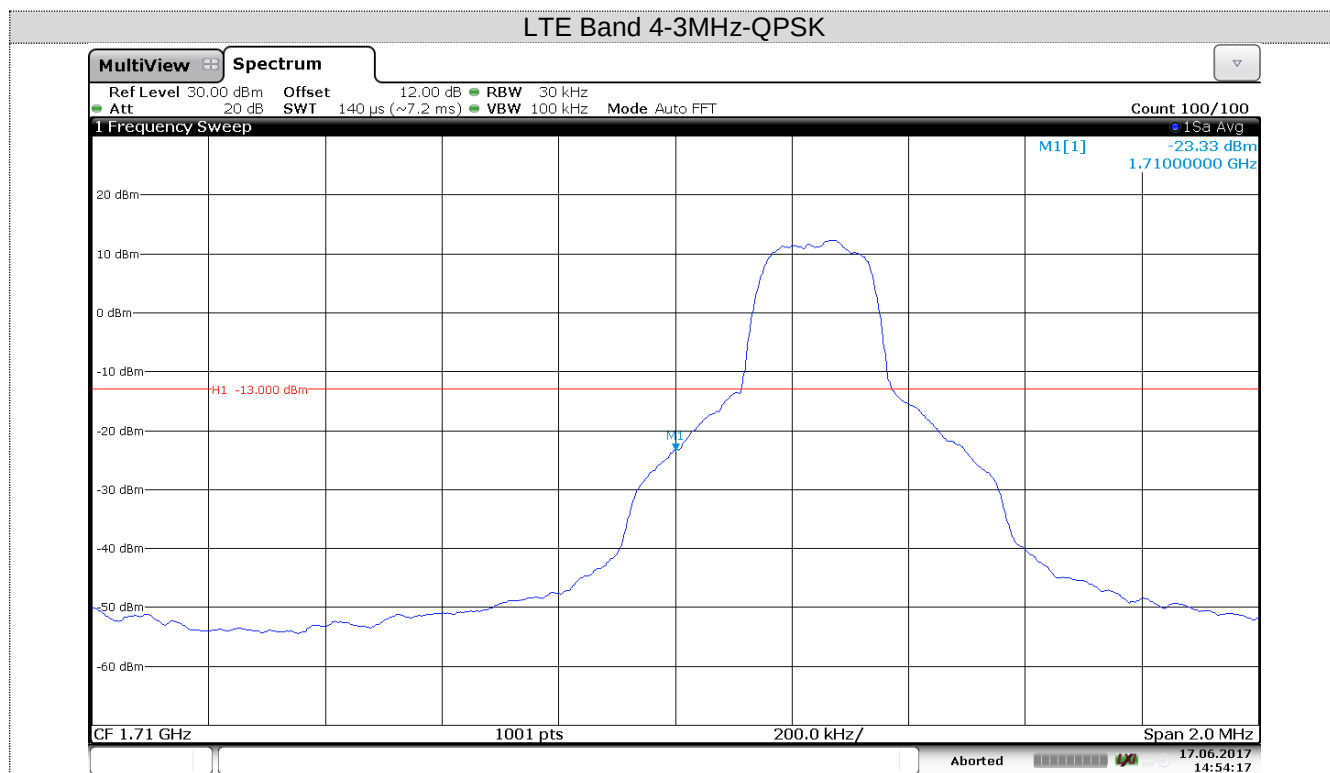
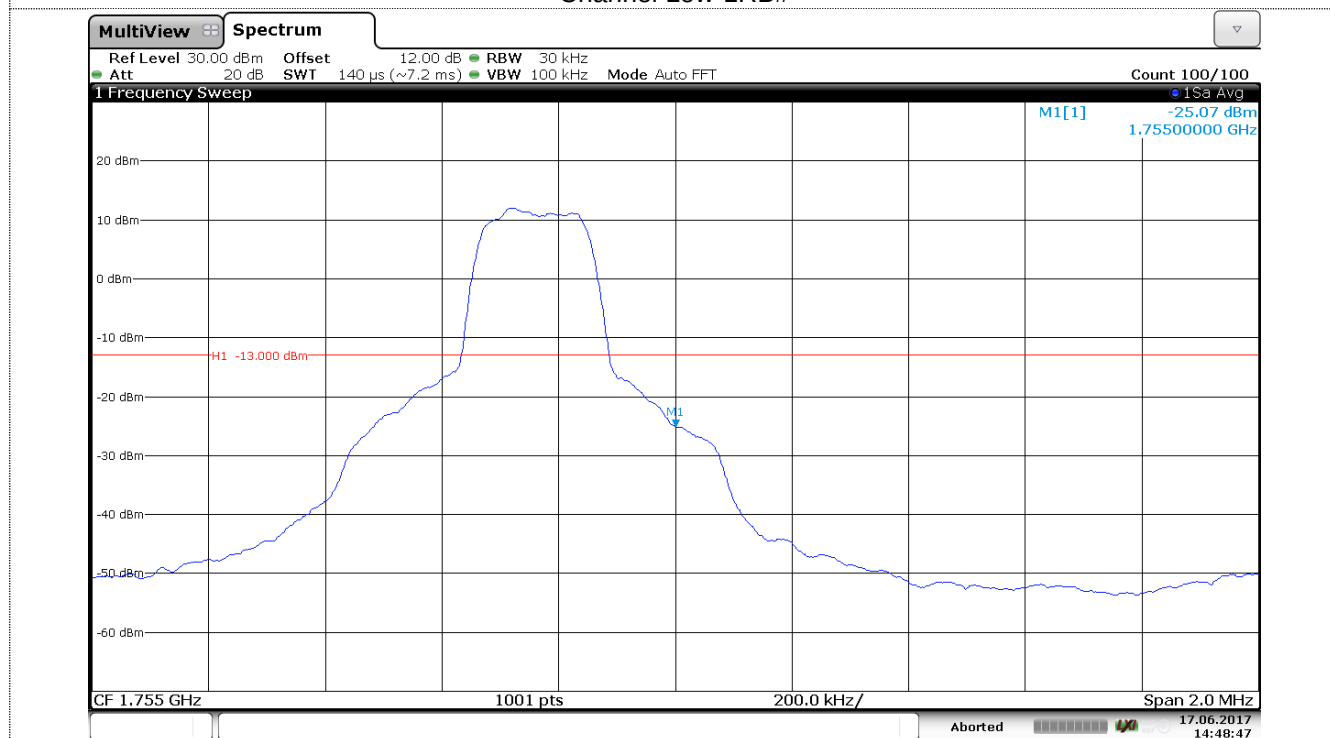
Channel Low-Full RB#

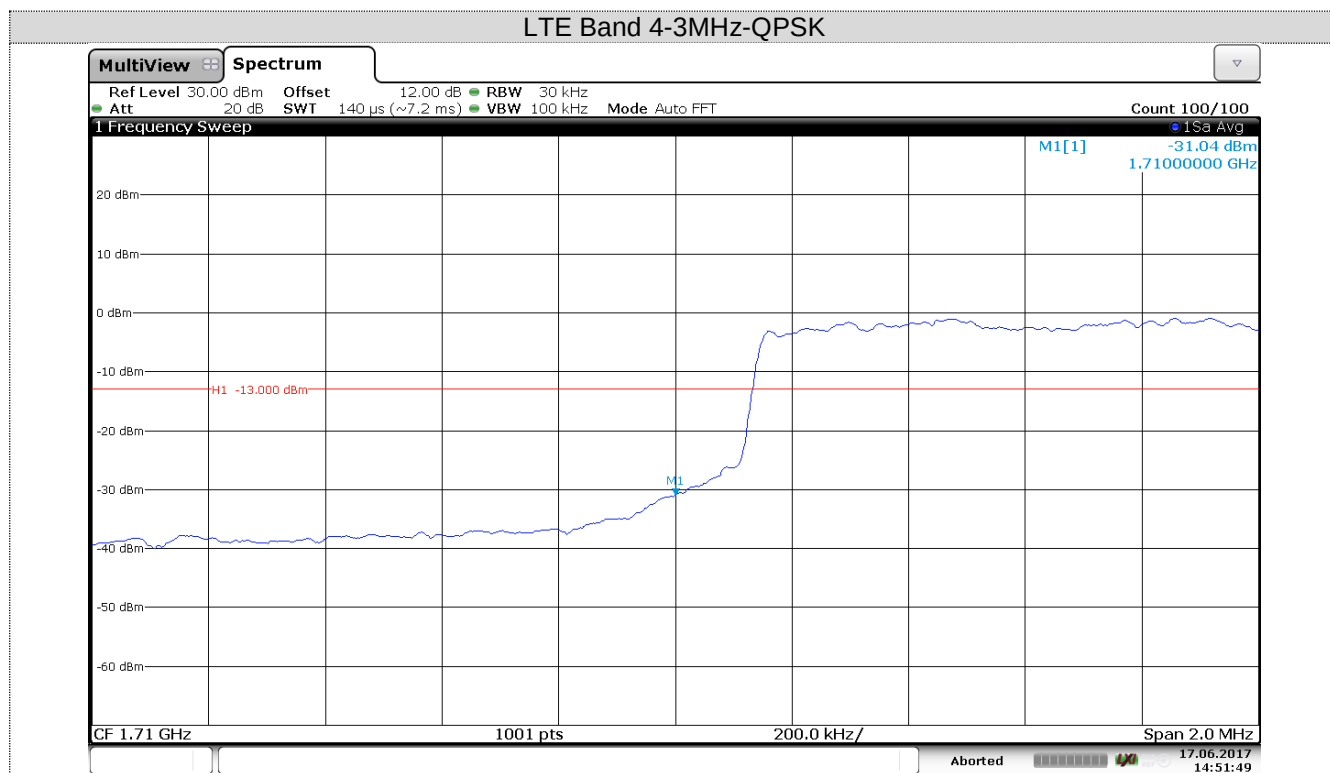
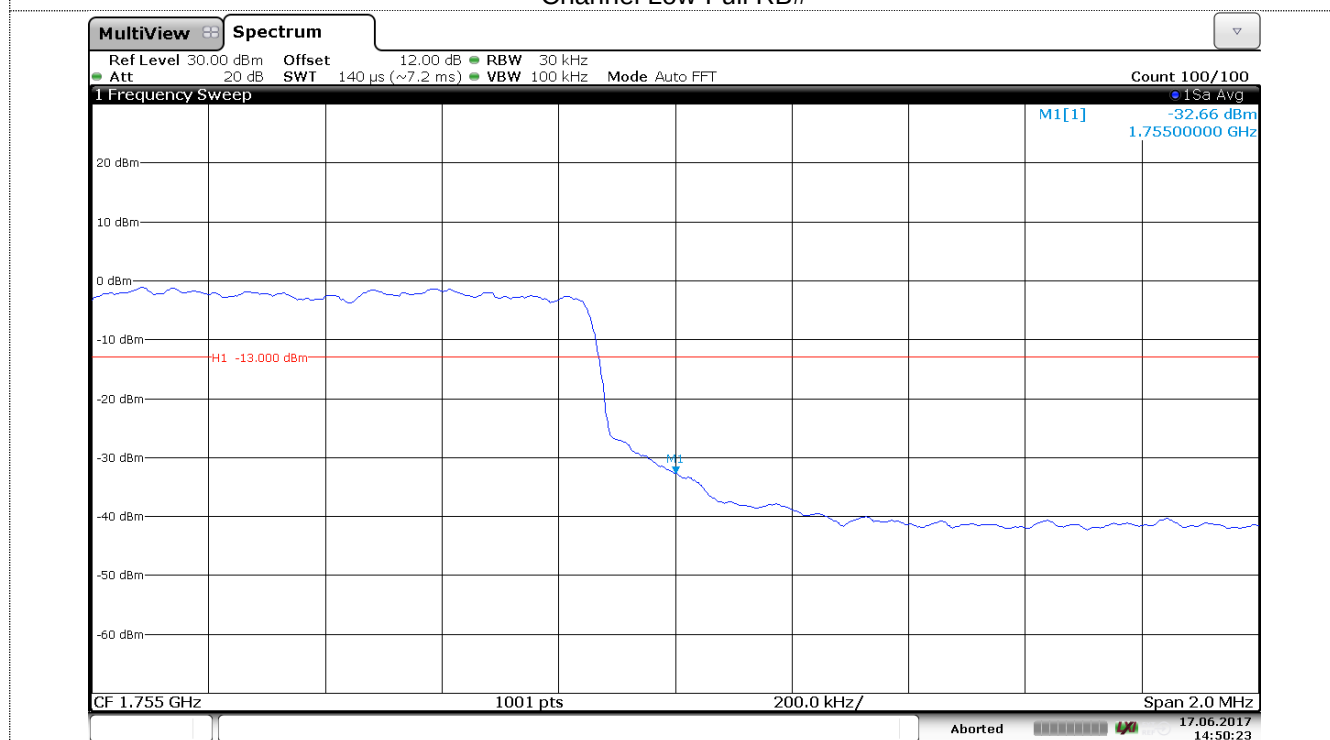


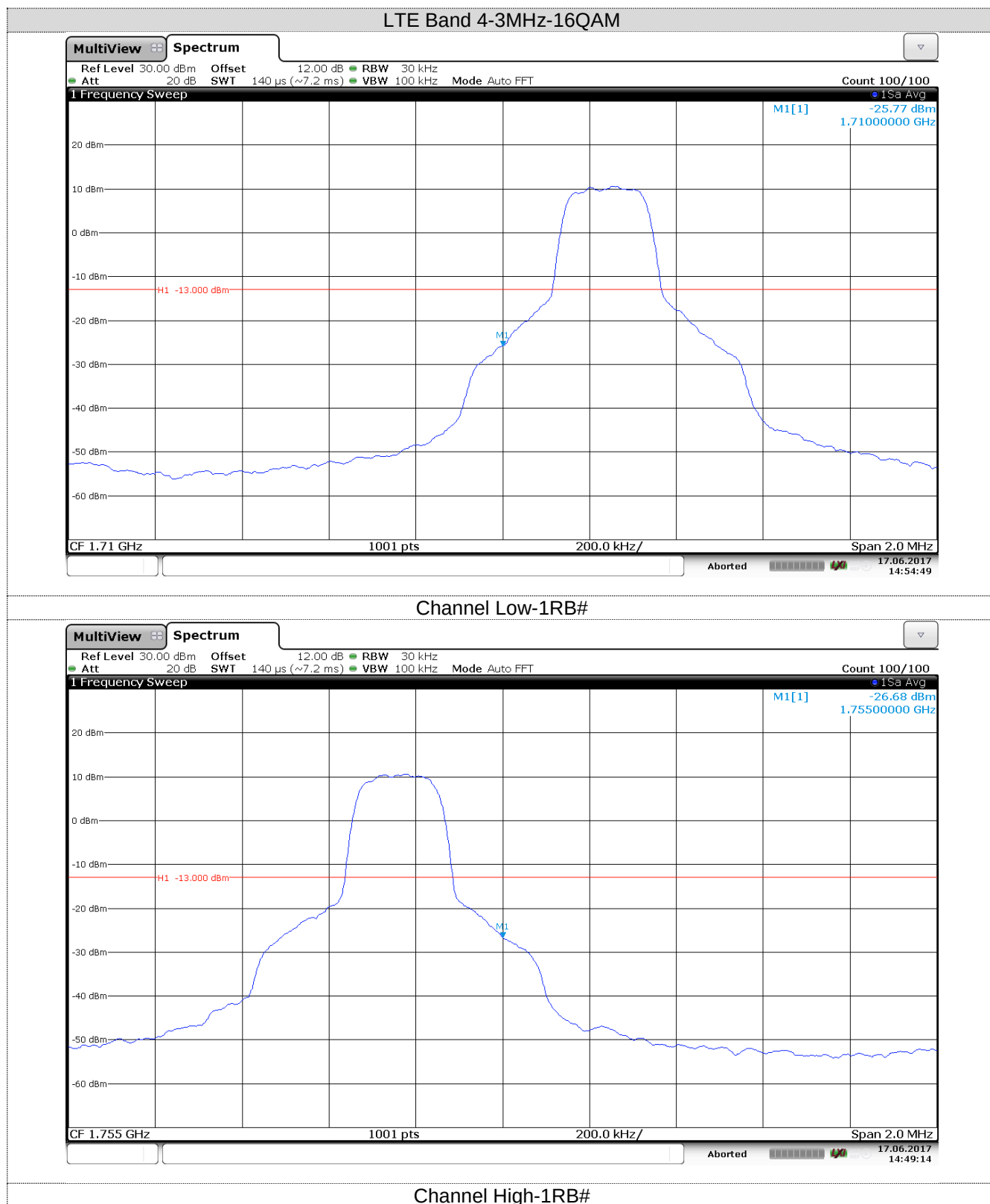
Channel High-Full RB#

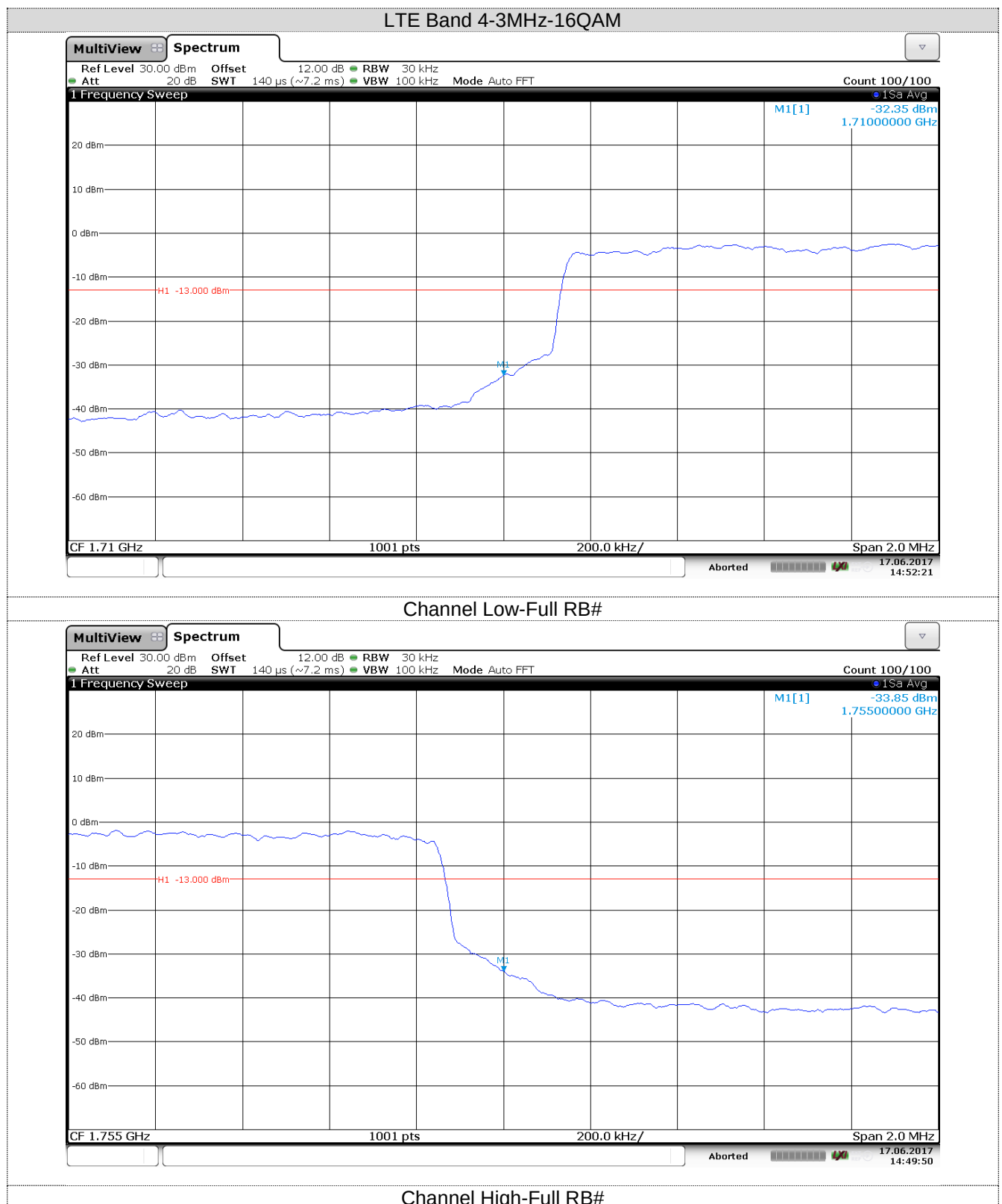


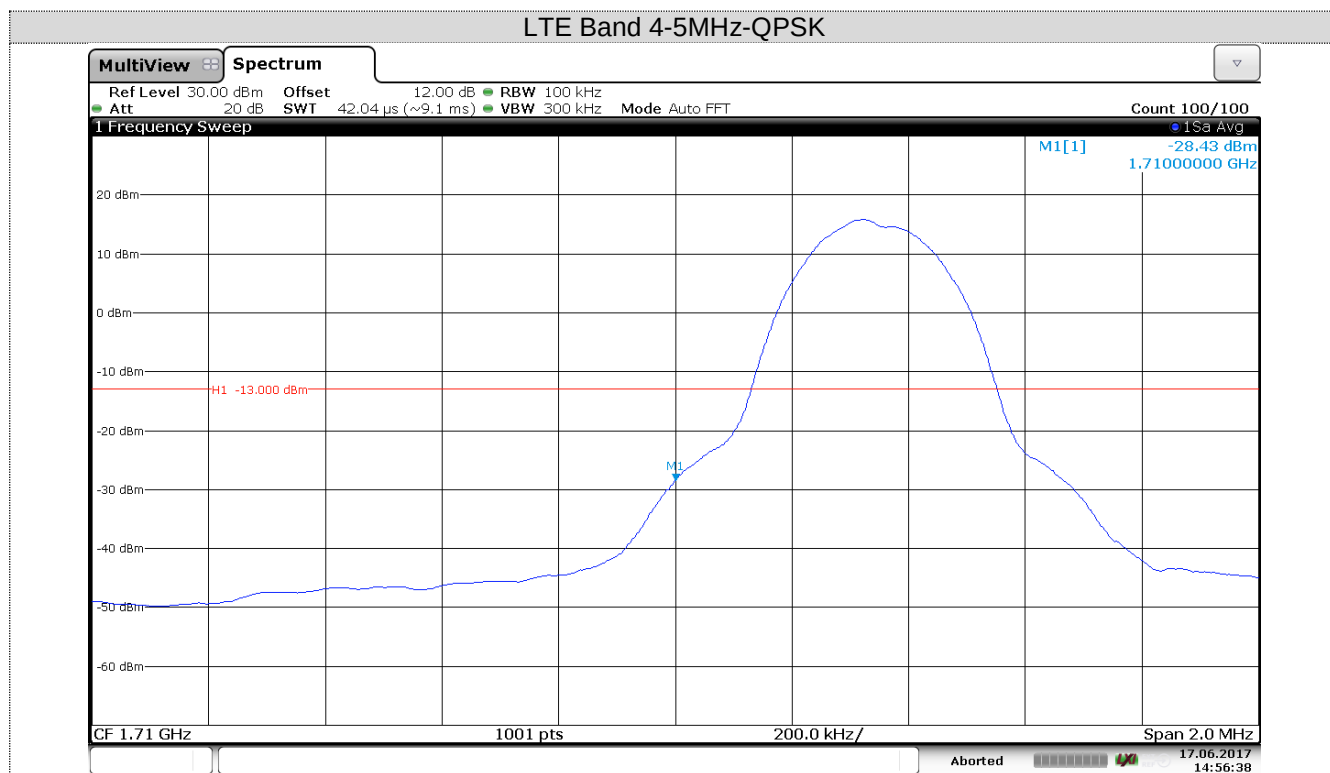
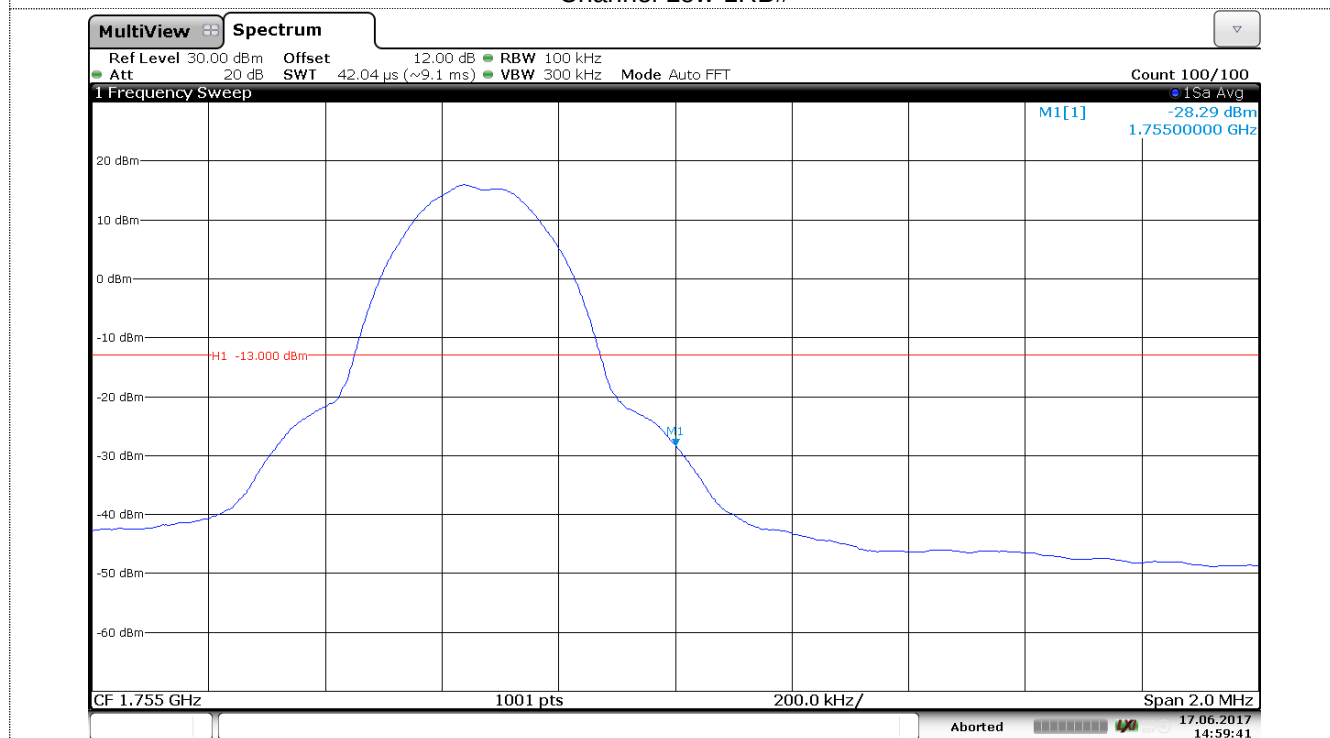


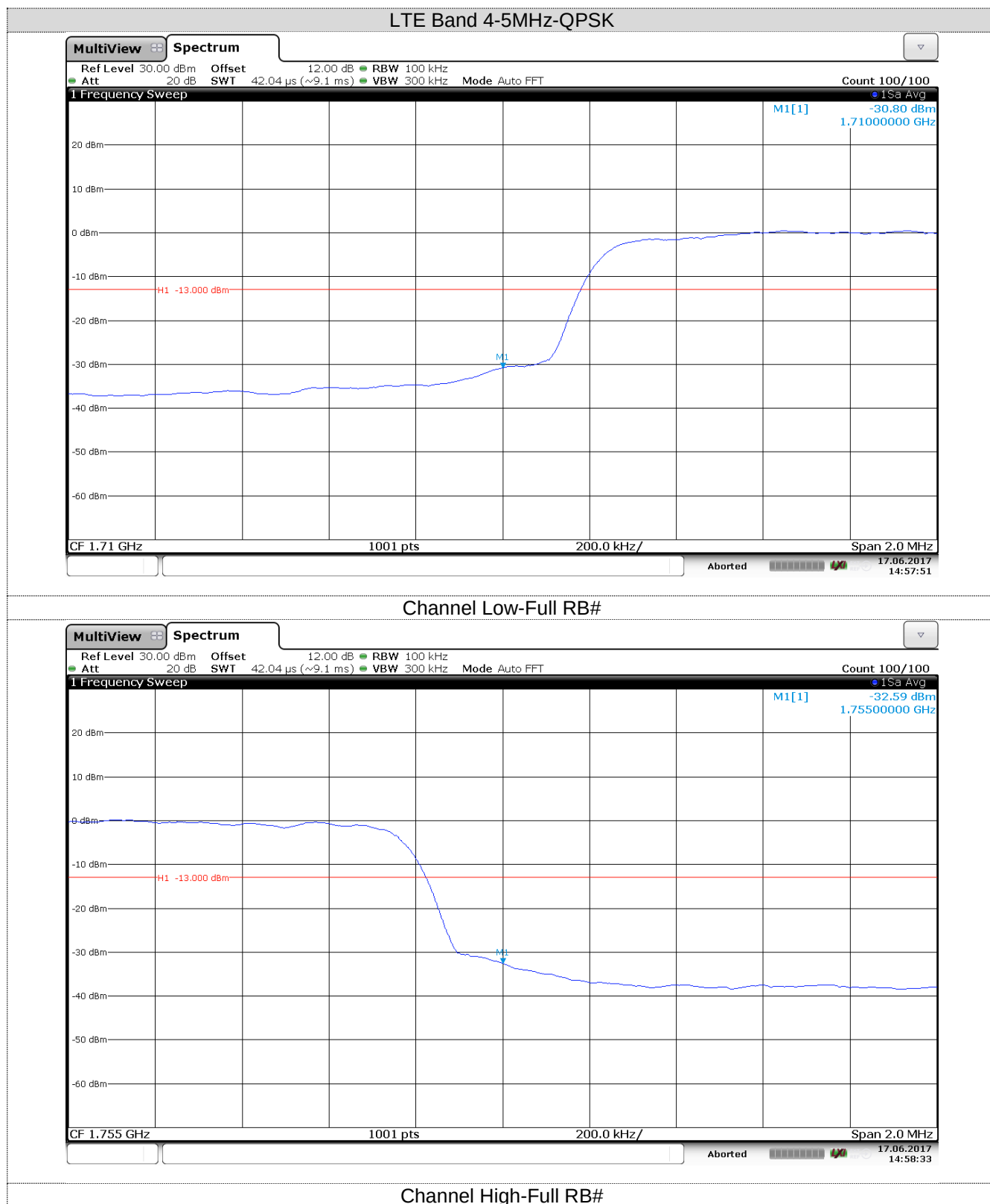
**Channel Low-1RB#****Channel High-1RB#**

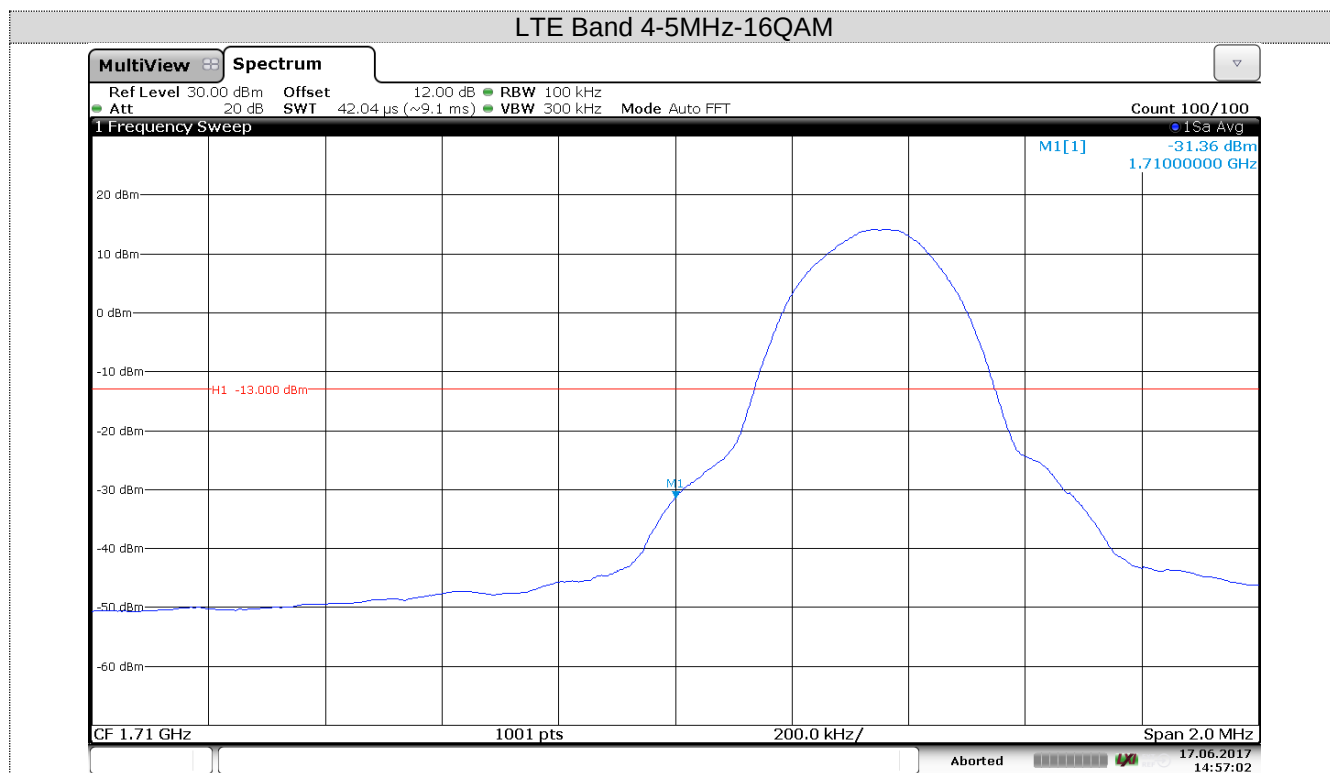
**Channel Low-Full RB#****Channel High-Full RB#**



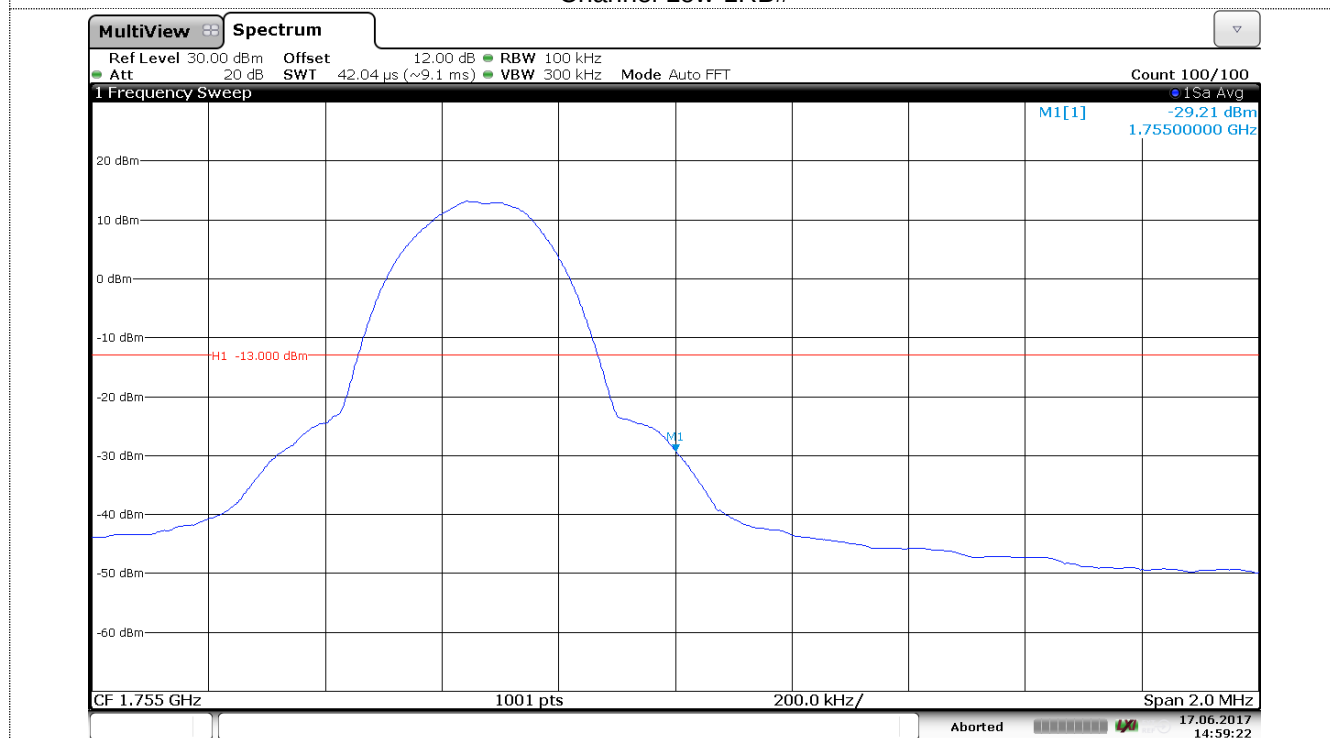


**Channel Low-1RB#****Channel High-1RB#**

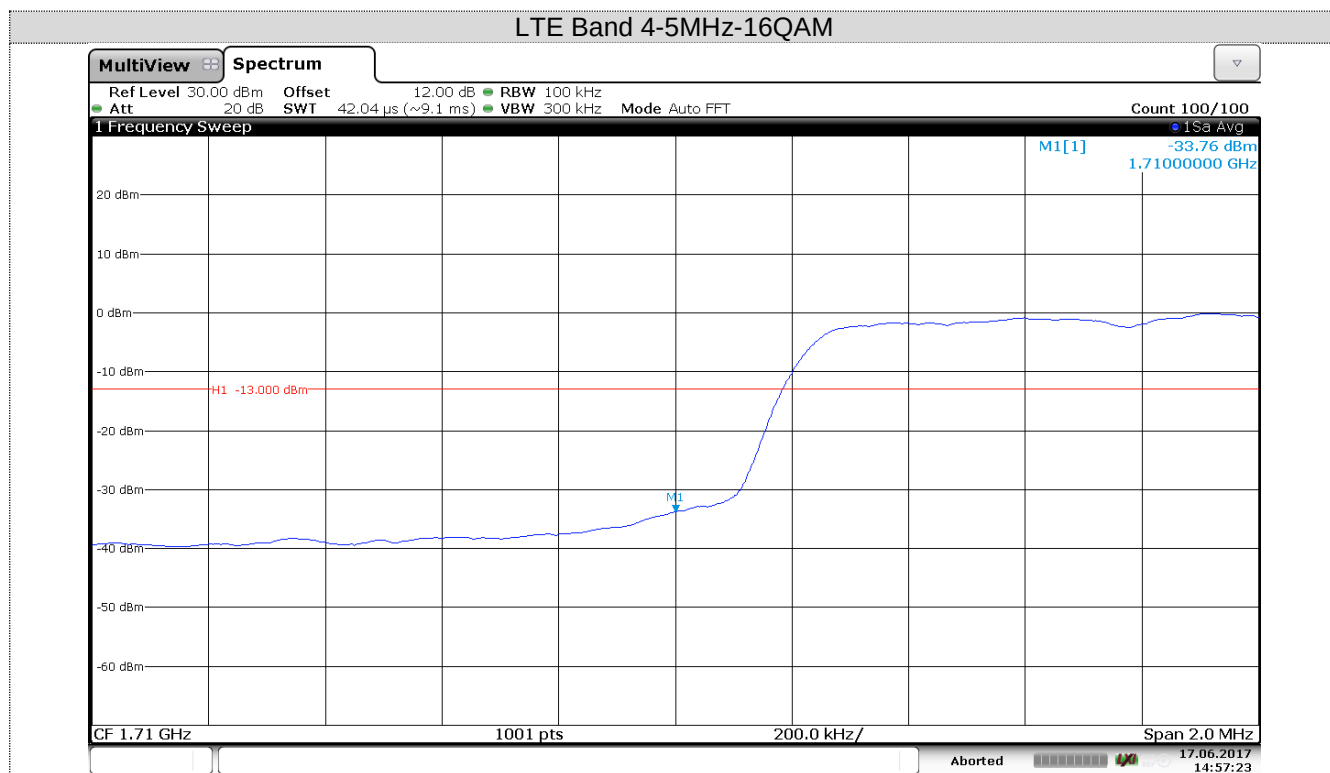




Channel Low-1RB#



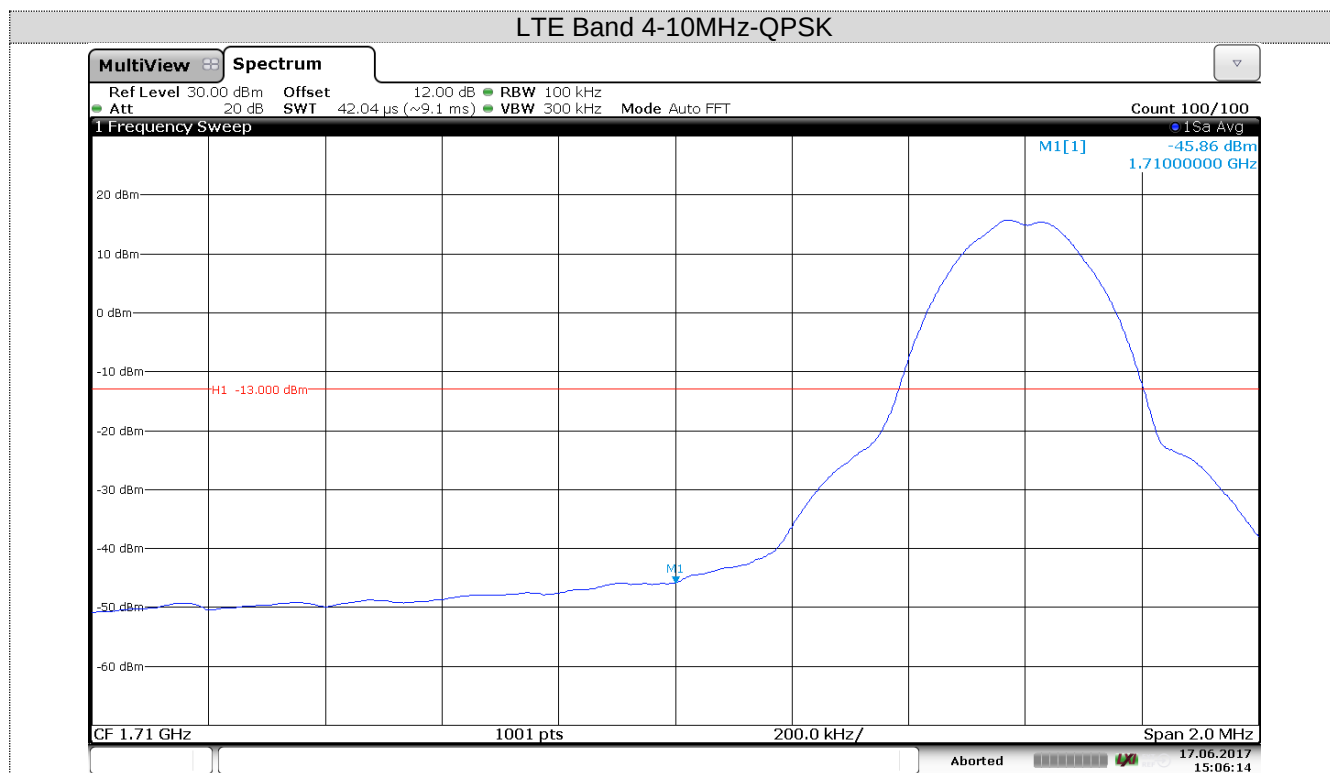
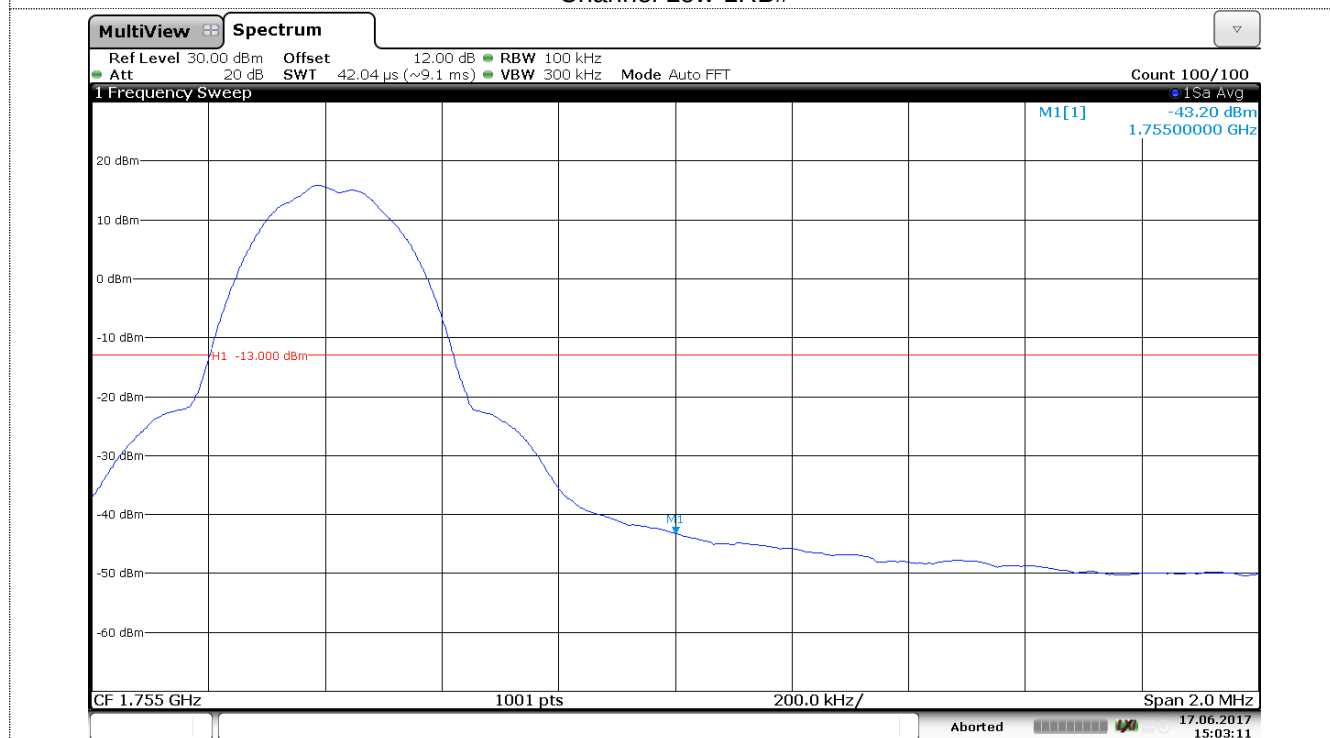
Channel High-1RB#

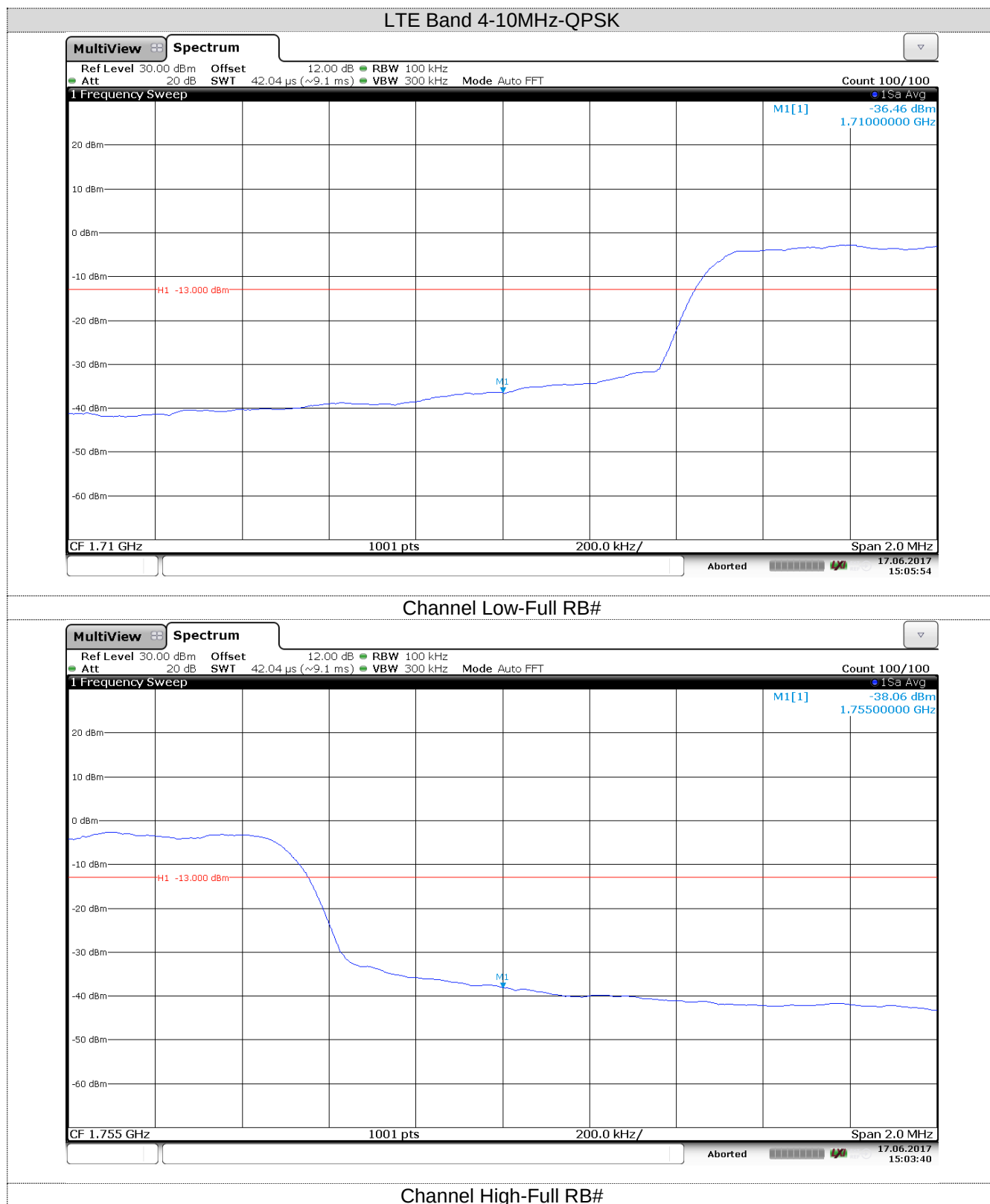


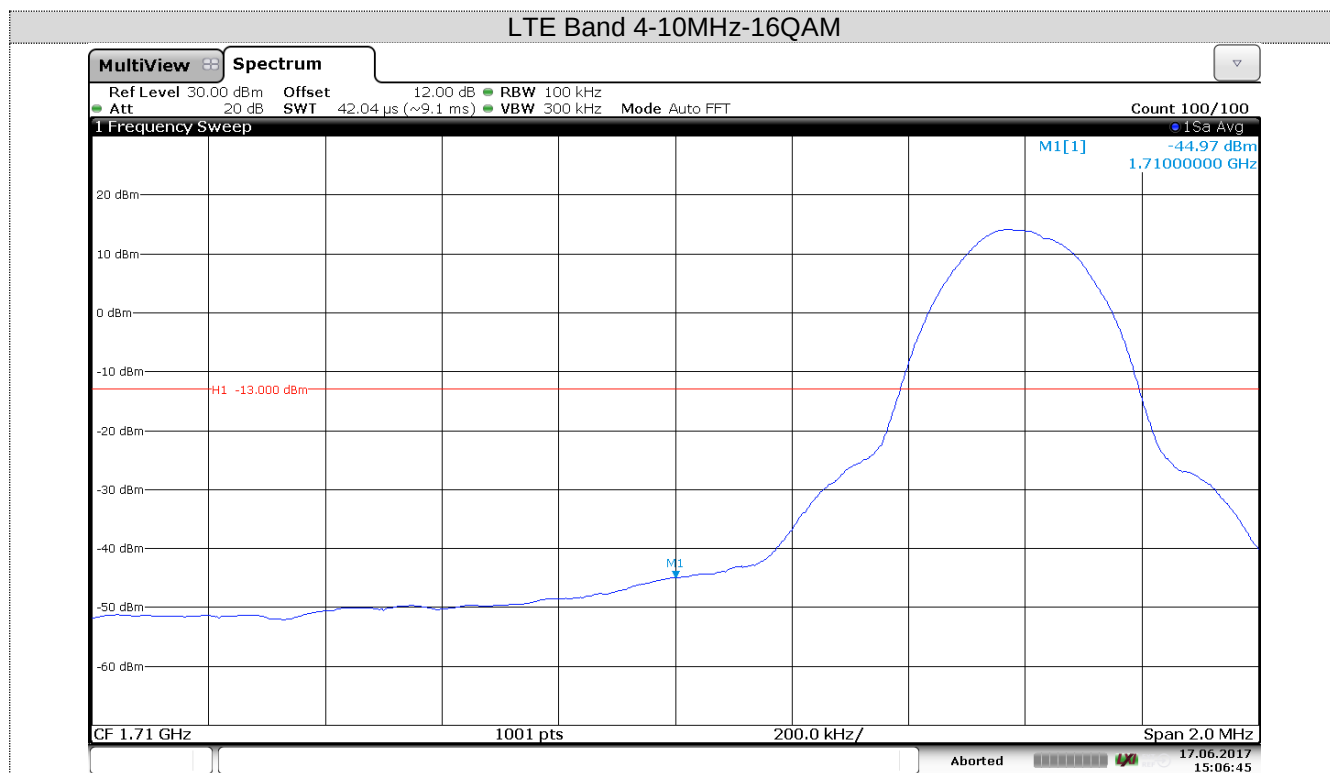
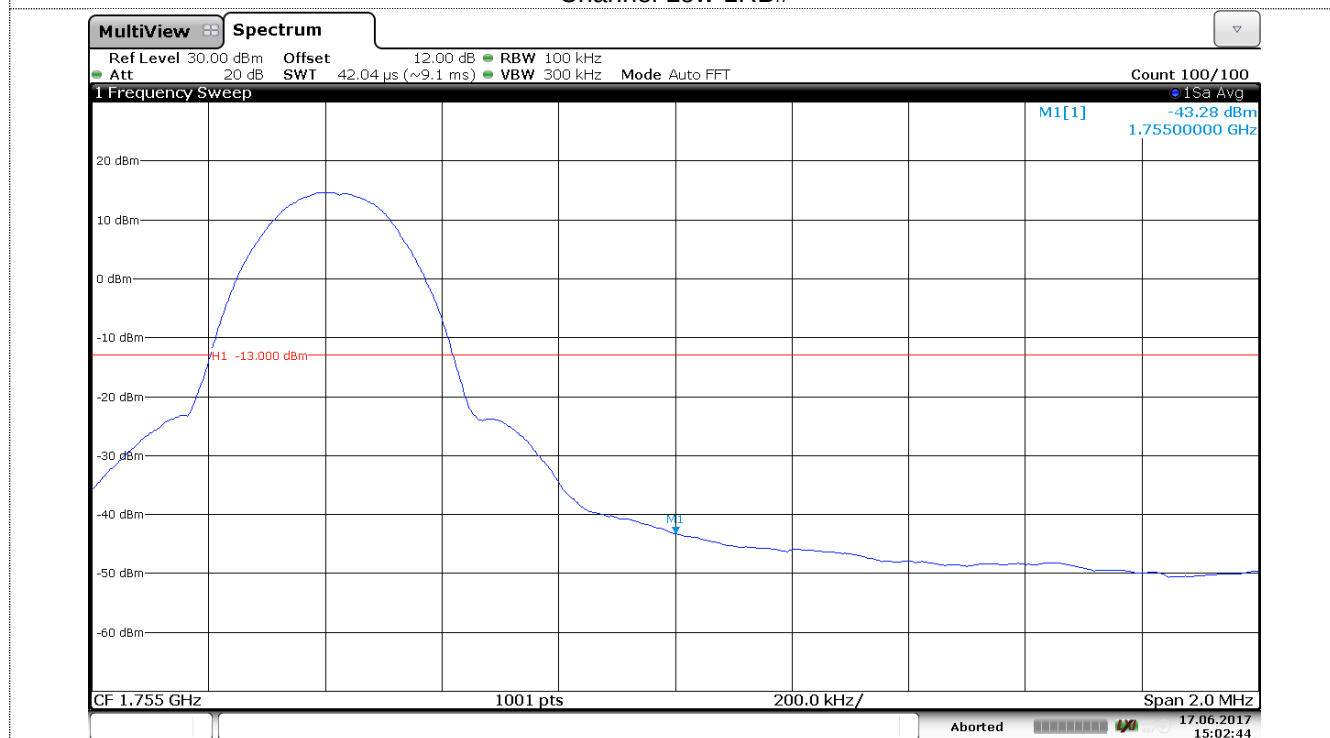
Channel Low-Full RB#

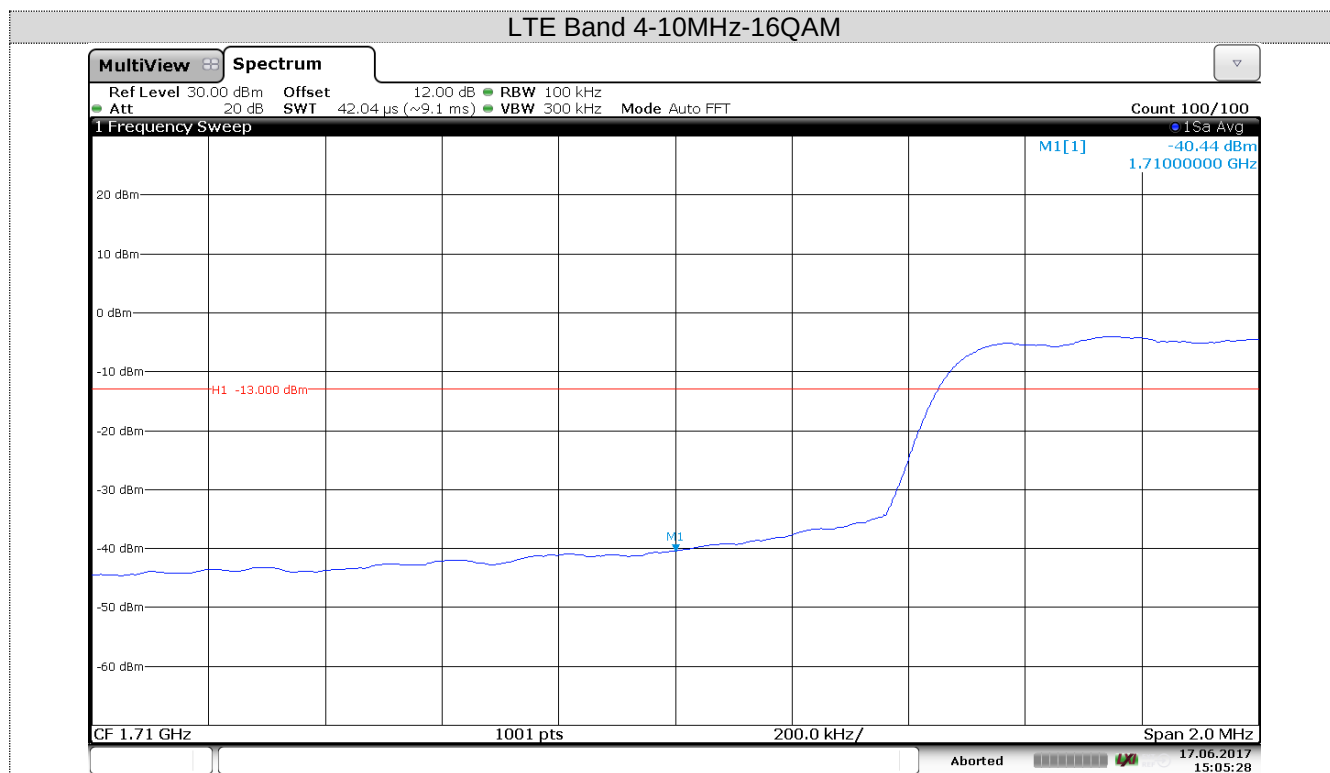


Channel High-Full RB#

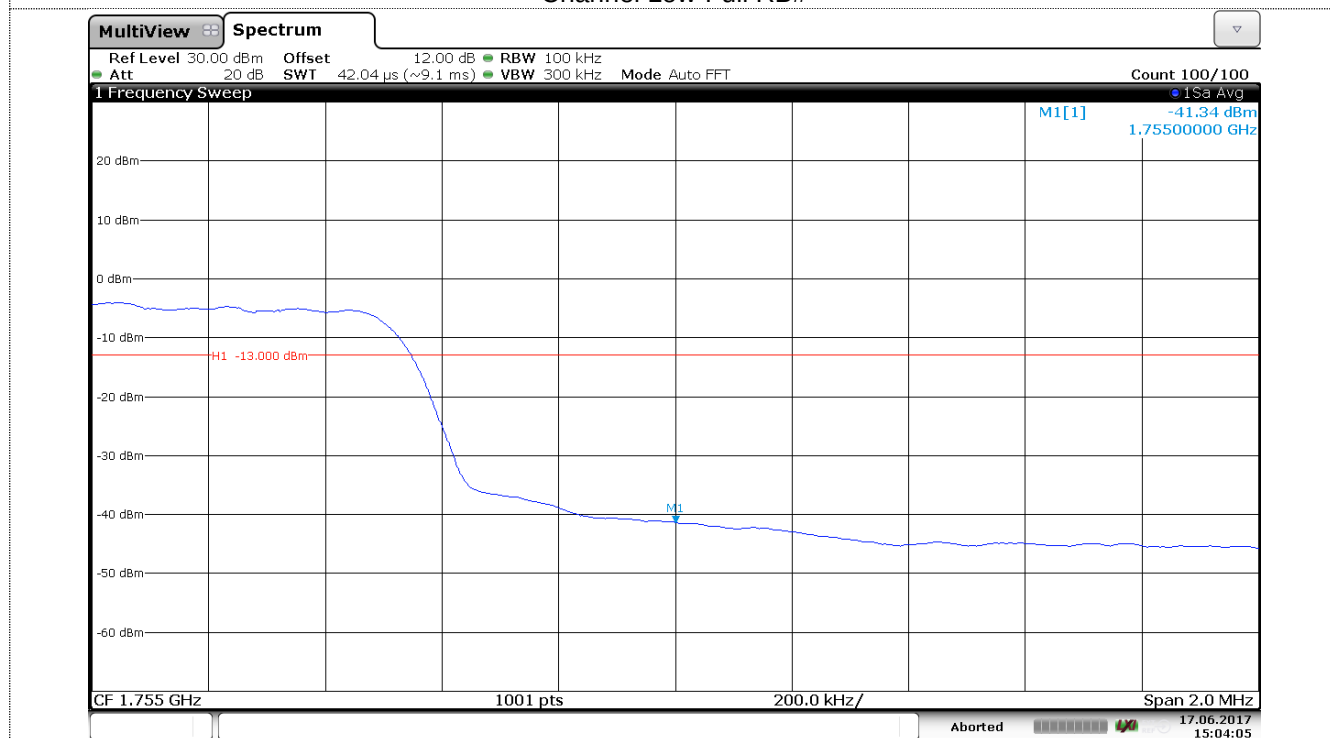
**Channel Low-1RB#****Channel High-1RB#**



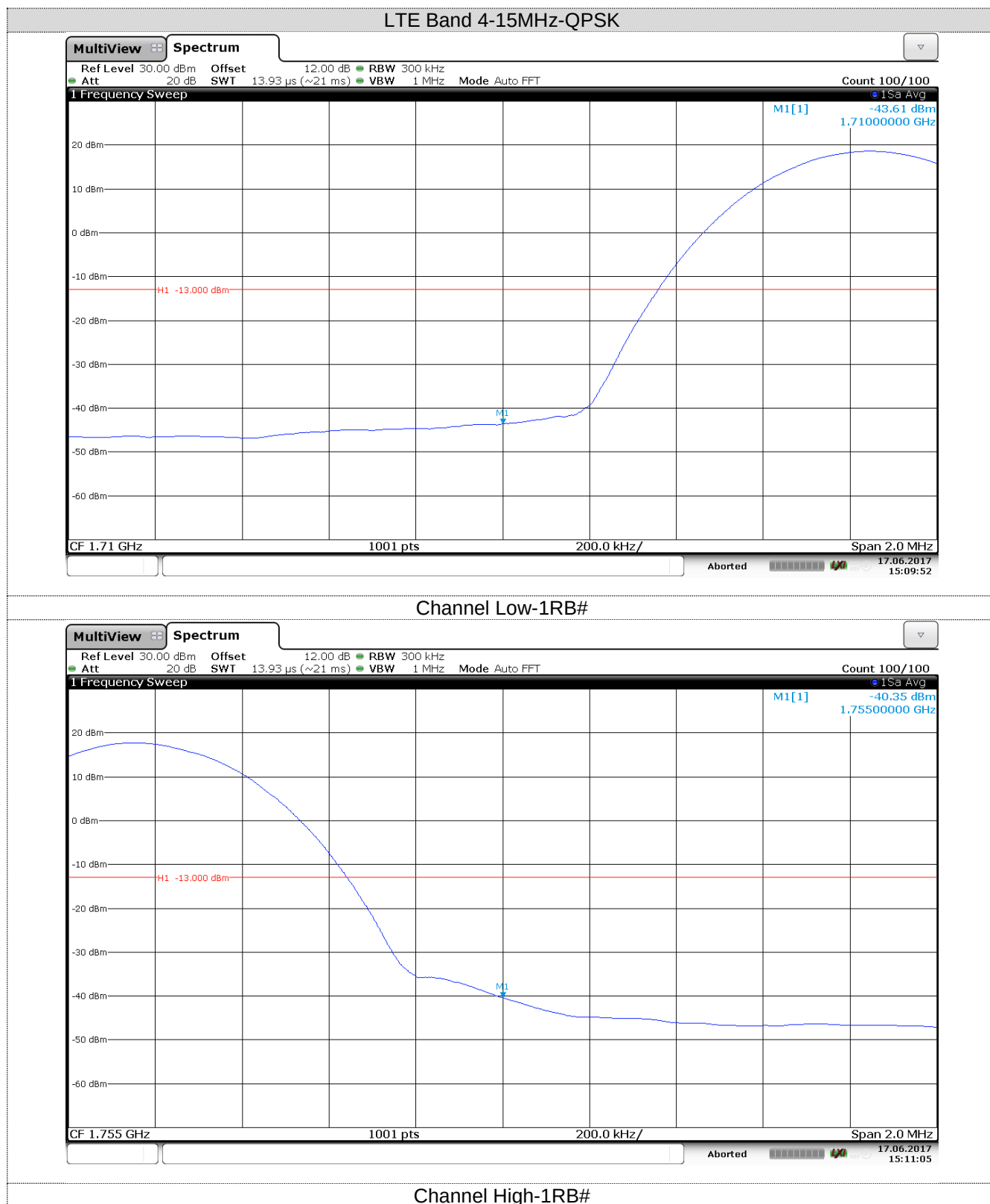
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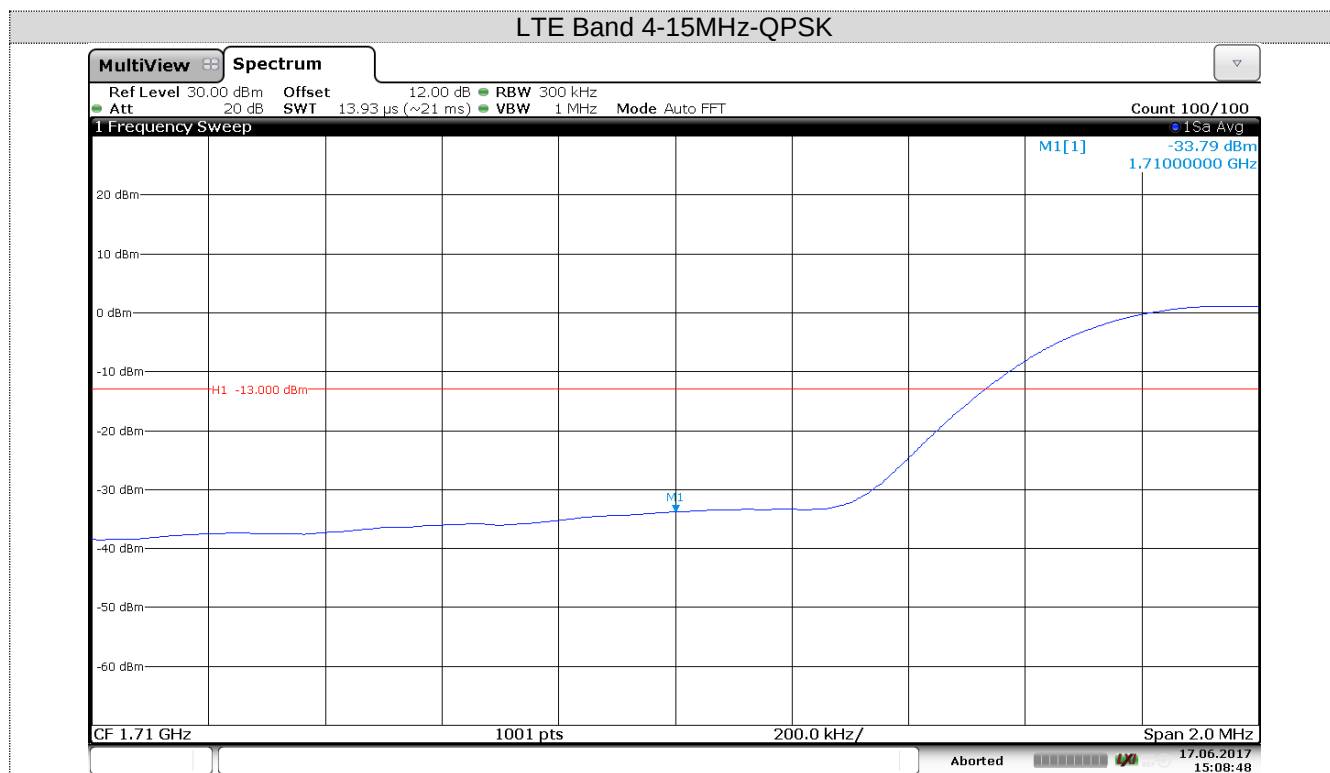


Channel Low-Full RB#

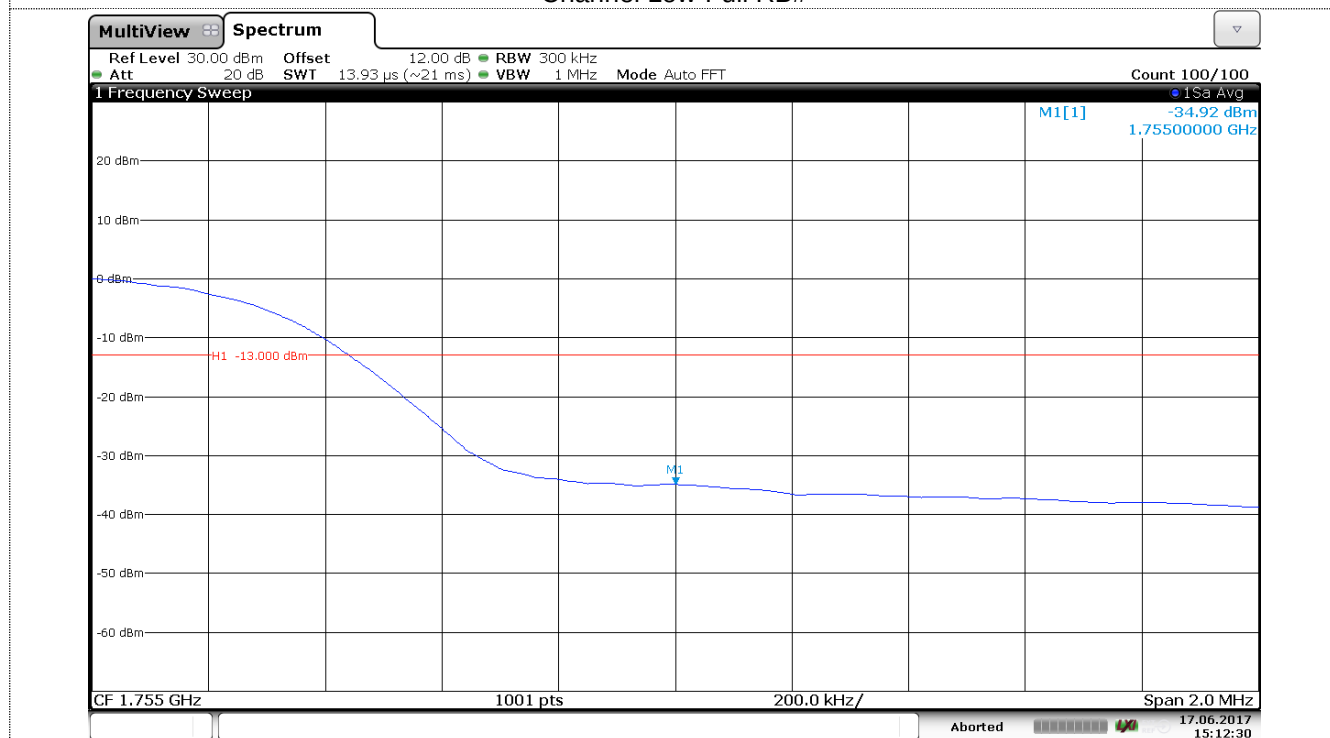


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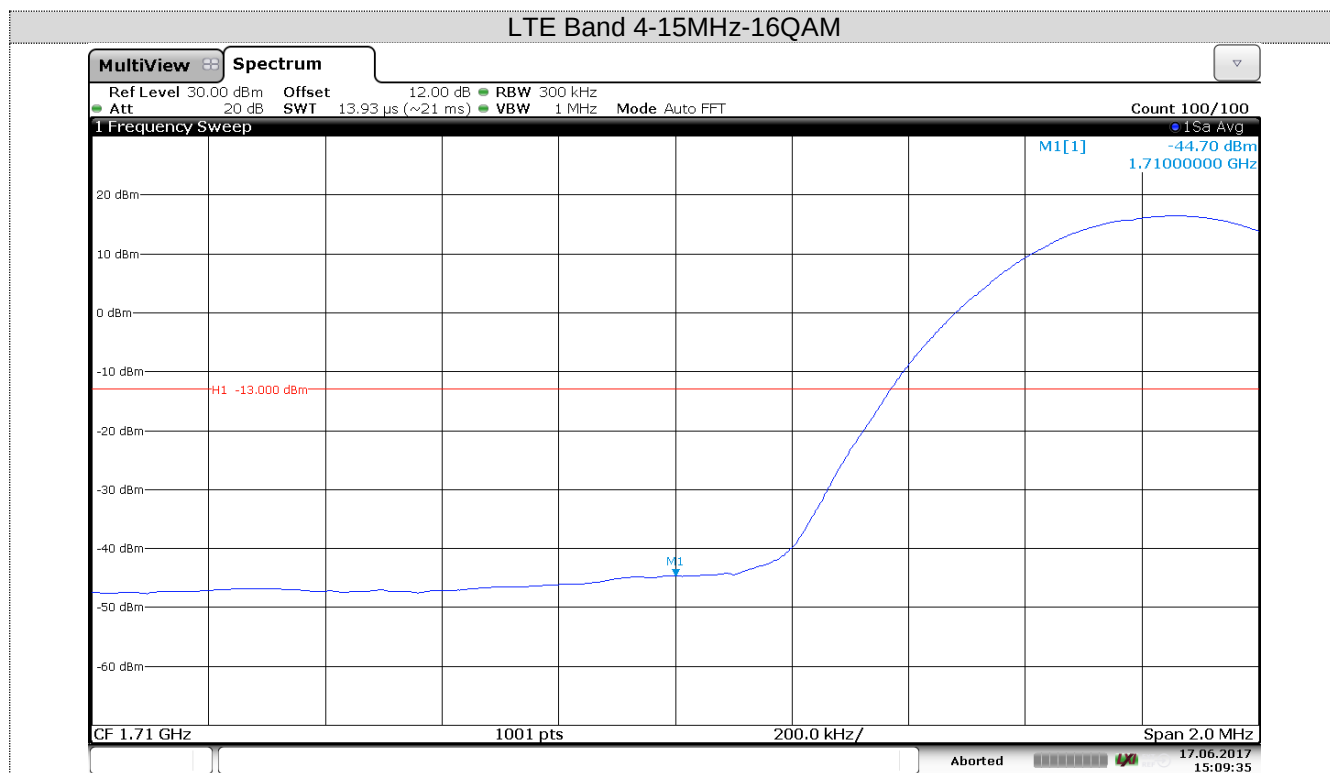
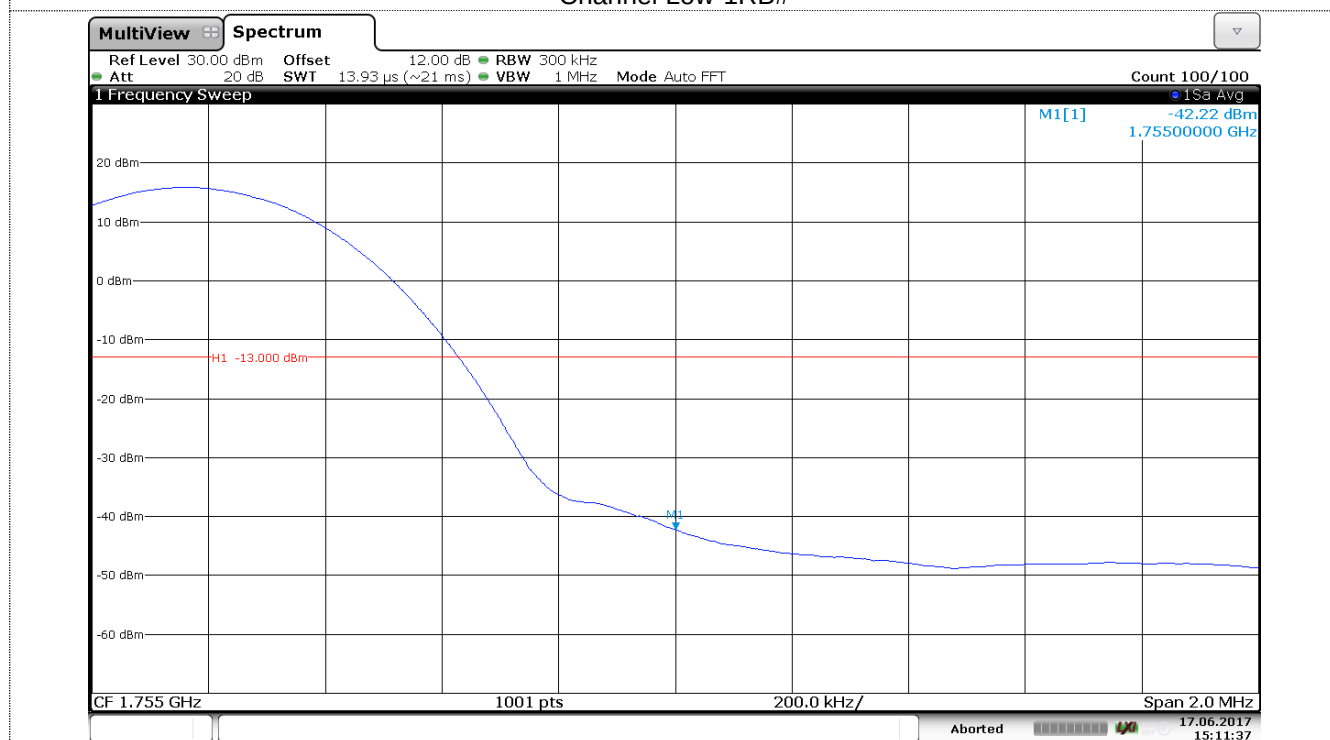


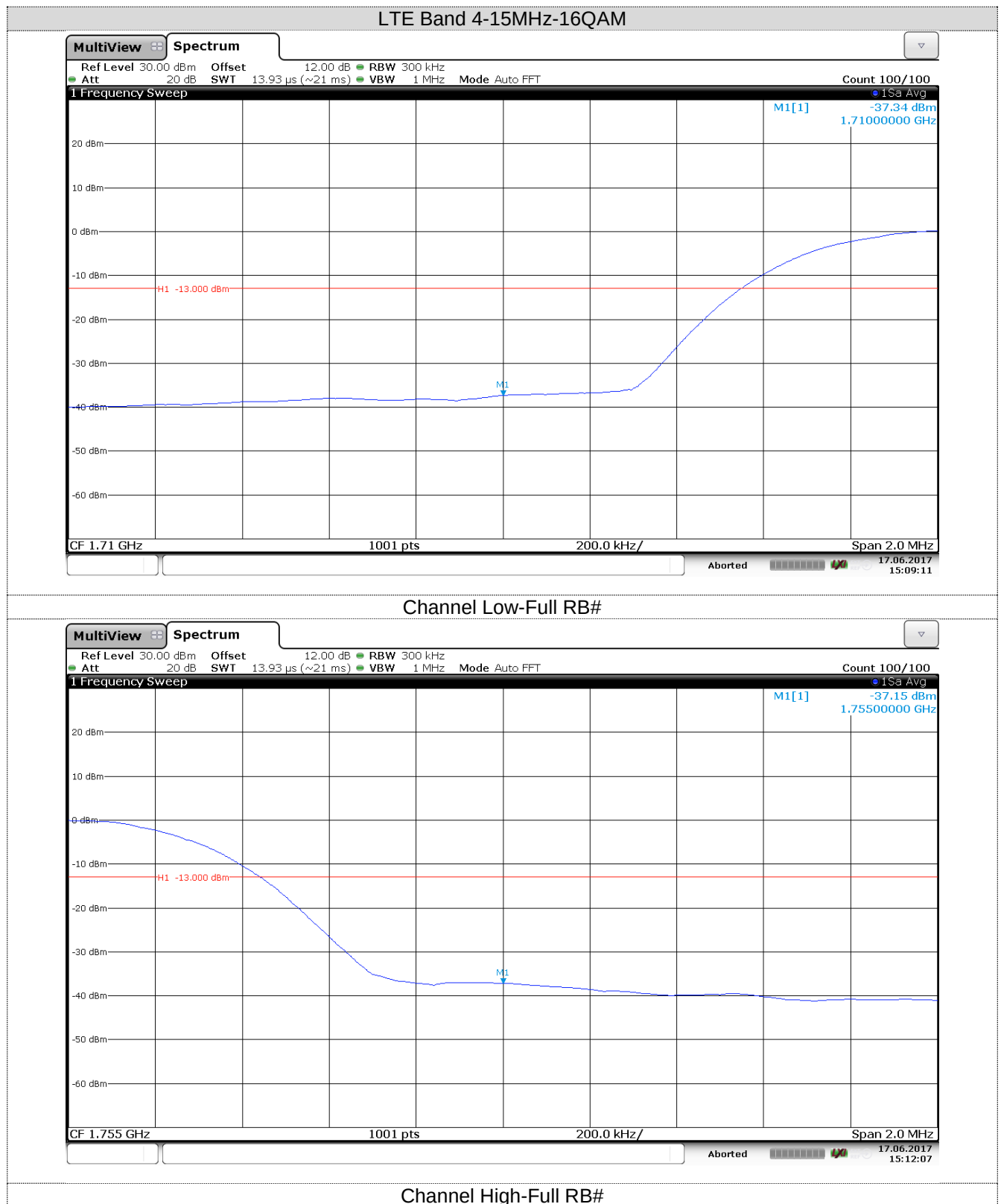


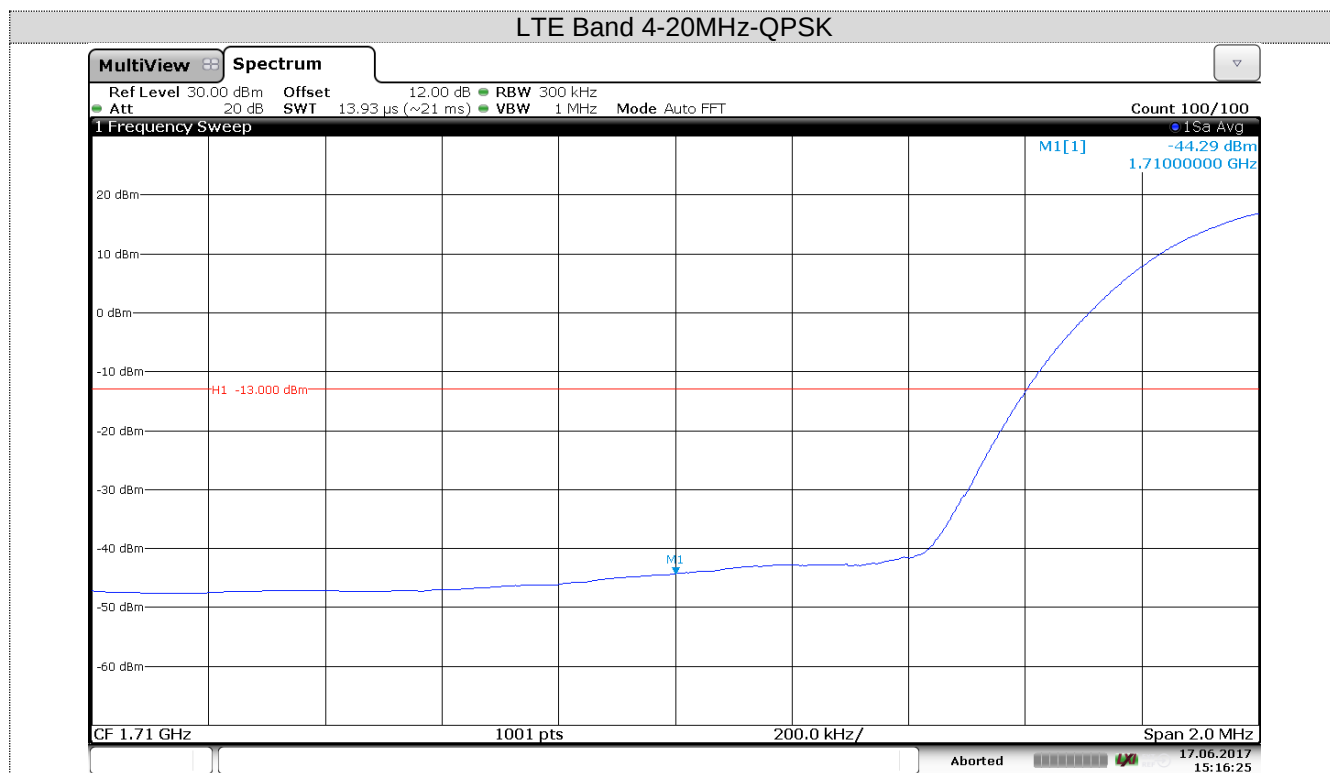
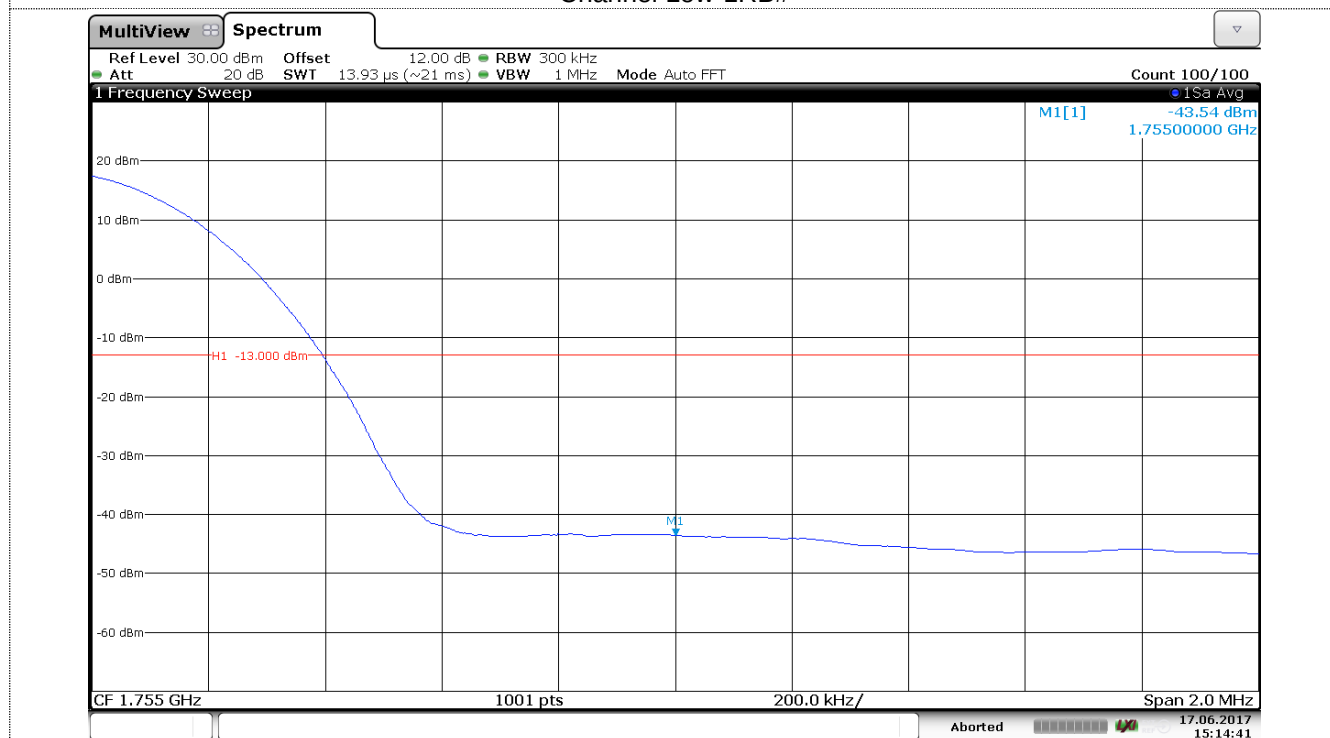
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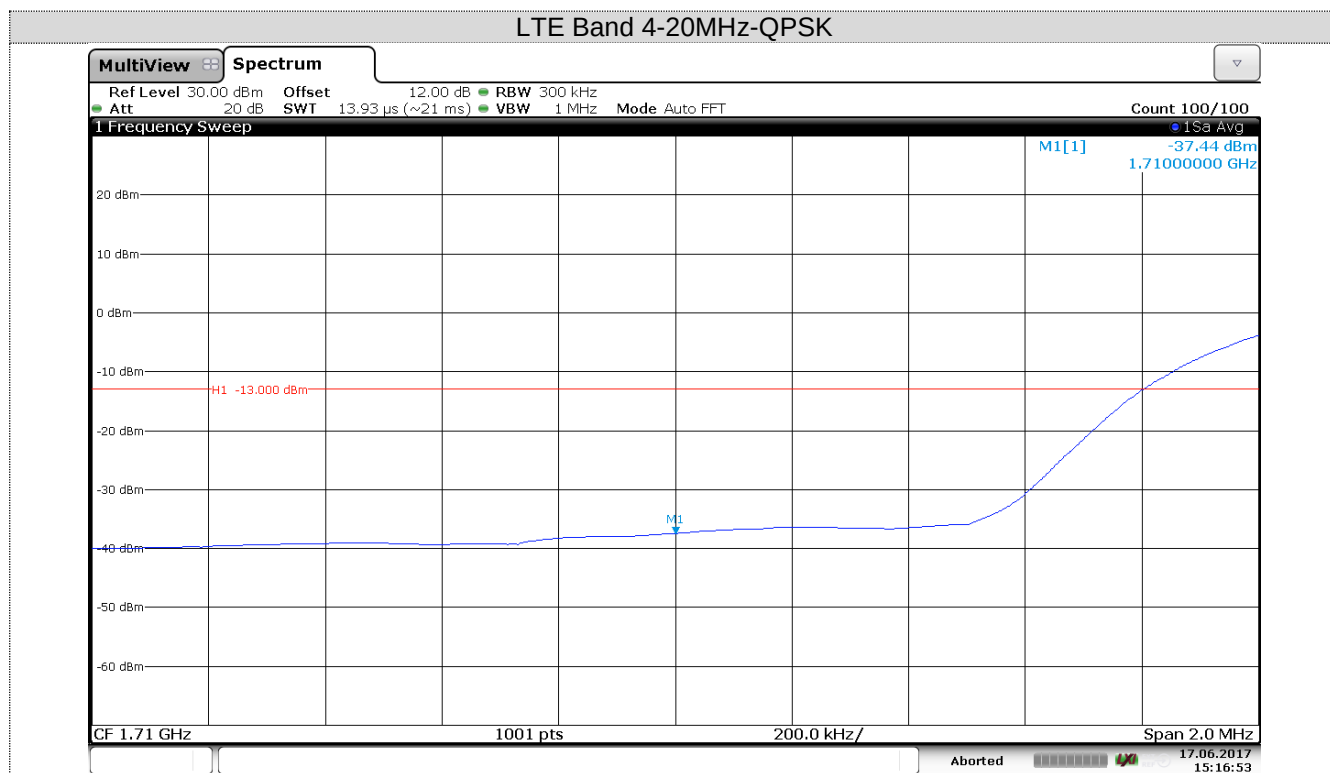


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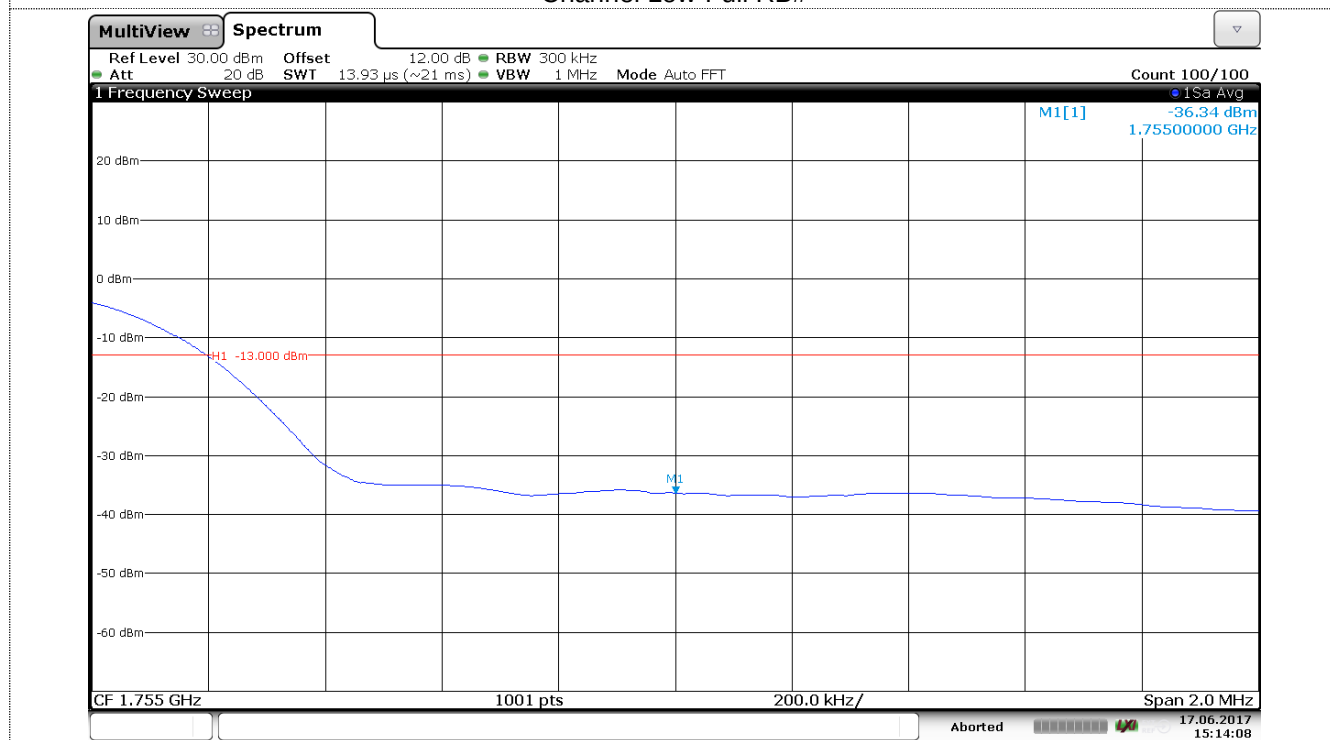
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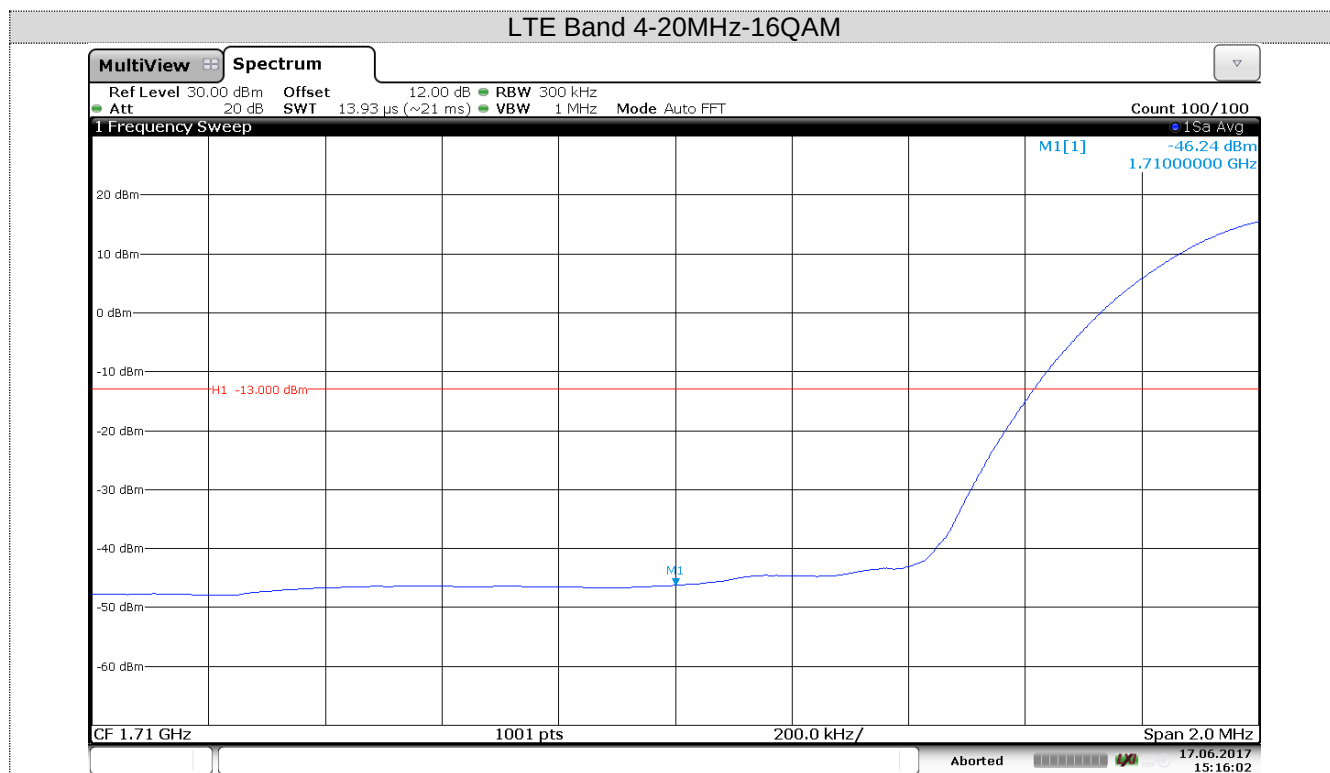
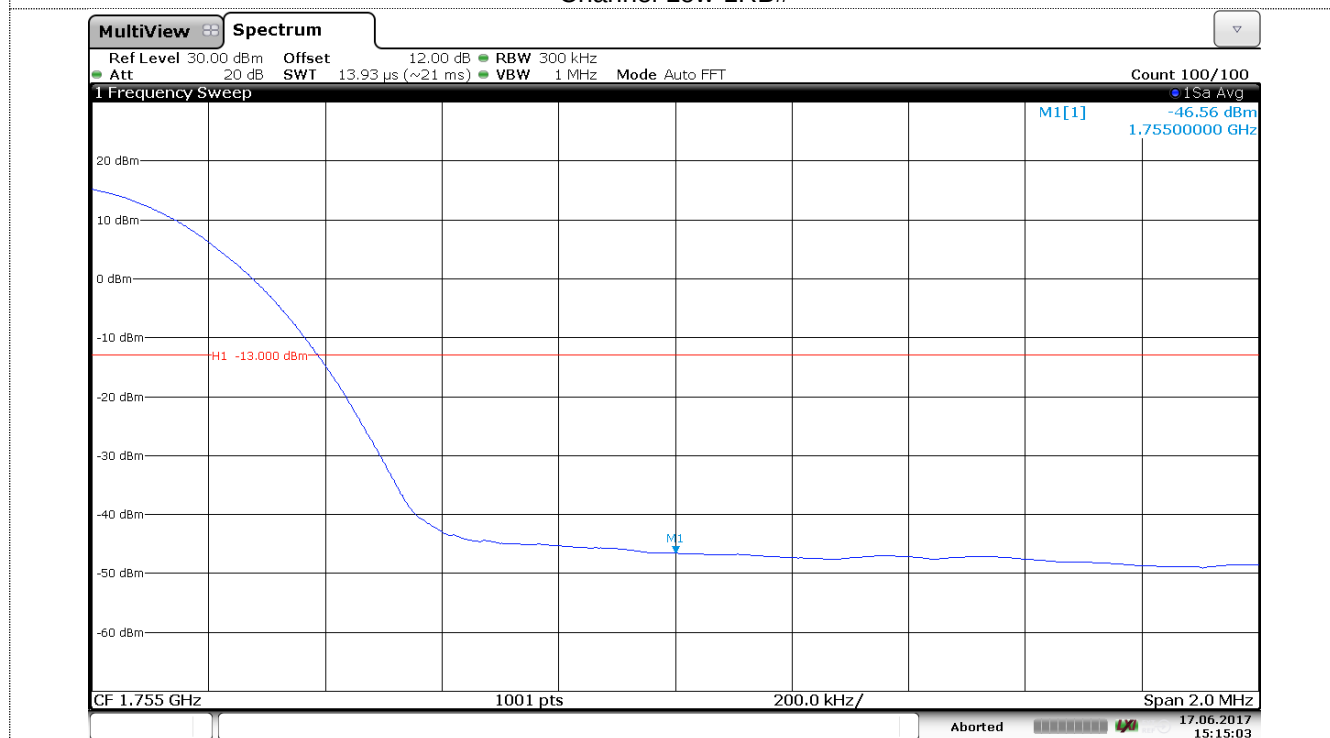
**Channel Low-1RB#****Channel High-1RB#**

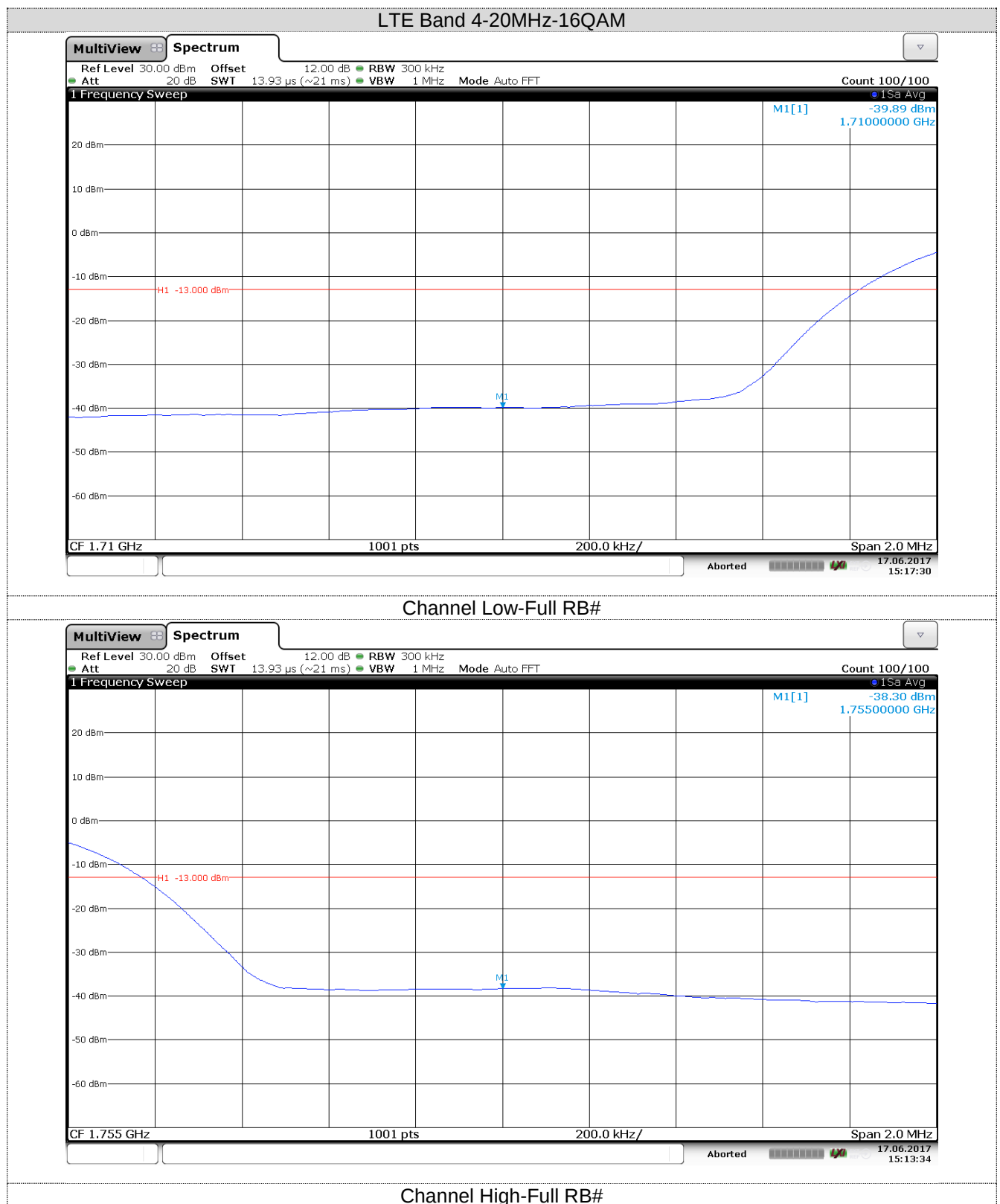


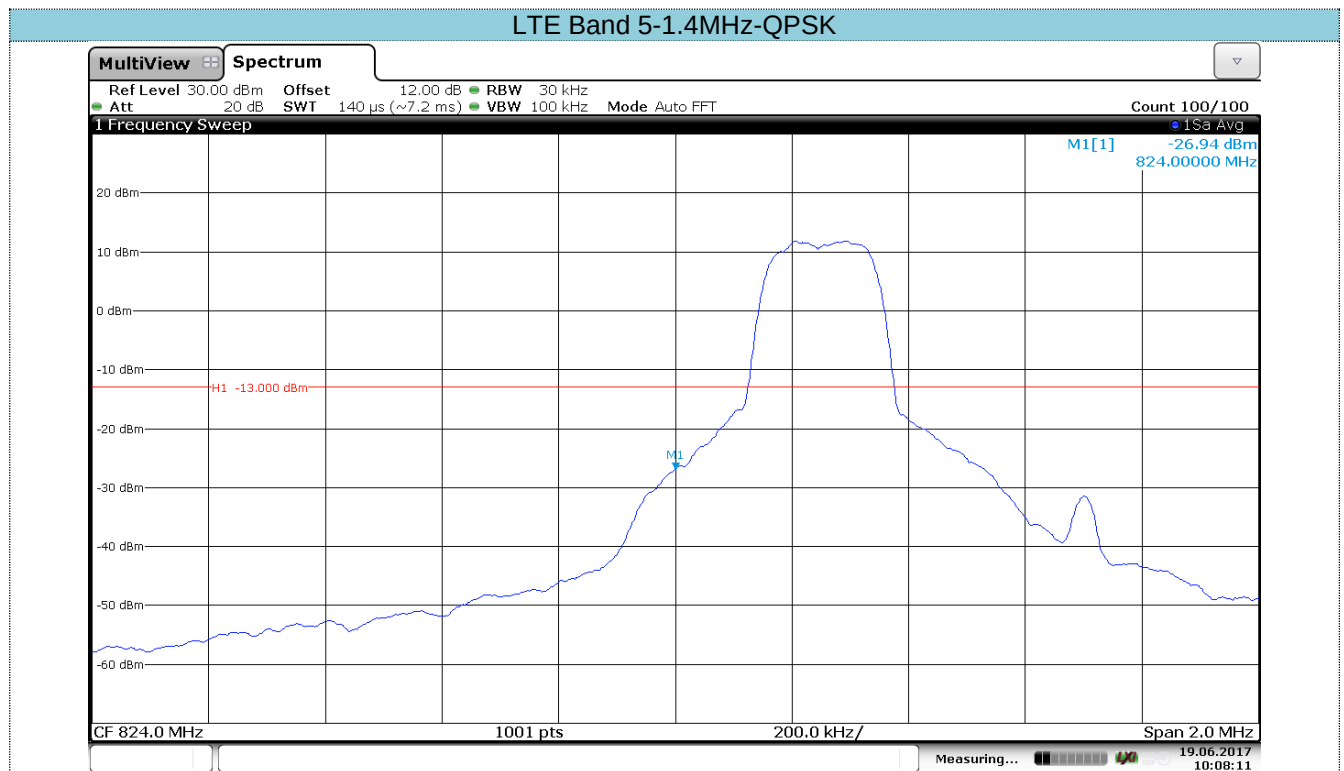
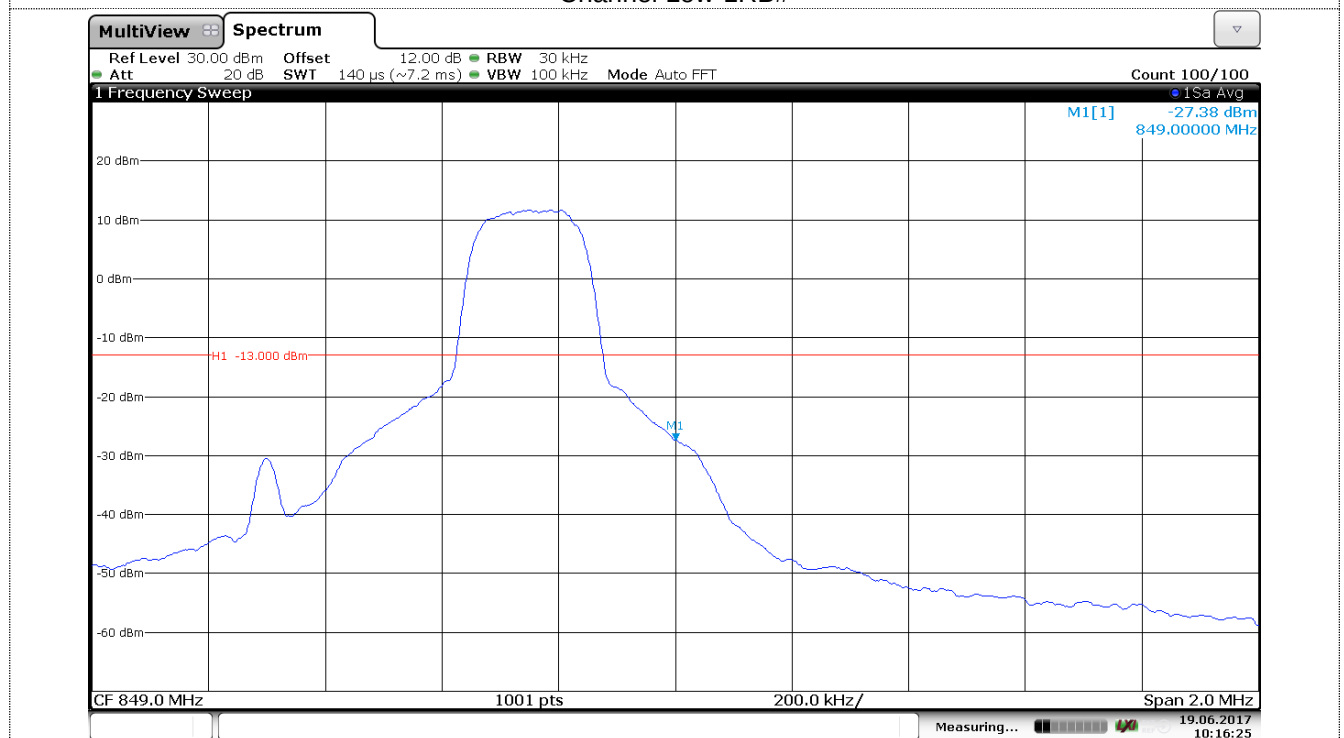
Channel Low-Full RB#

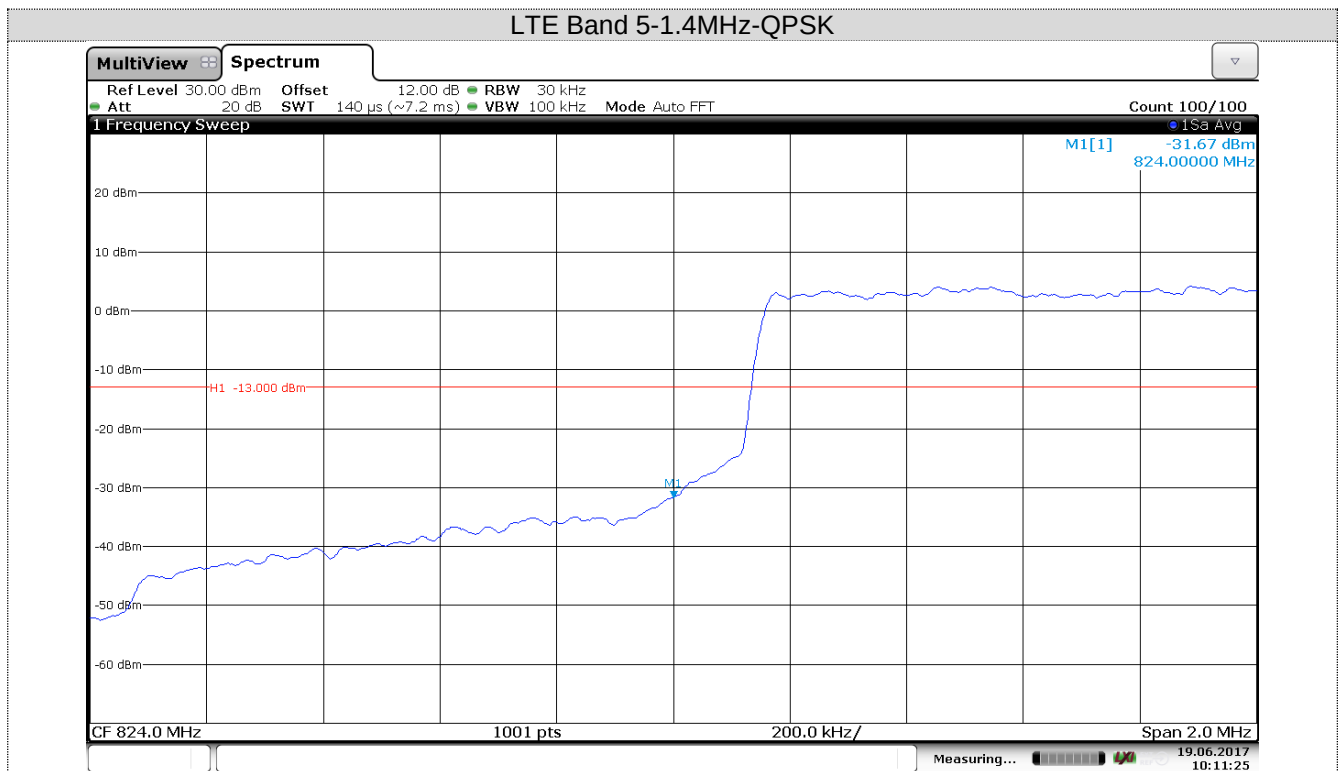


Channel High-Full RB#

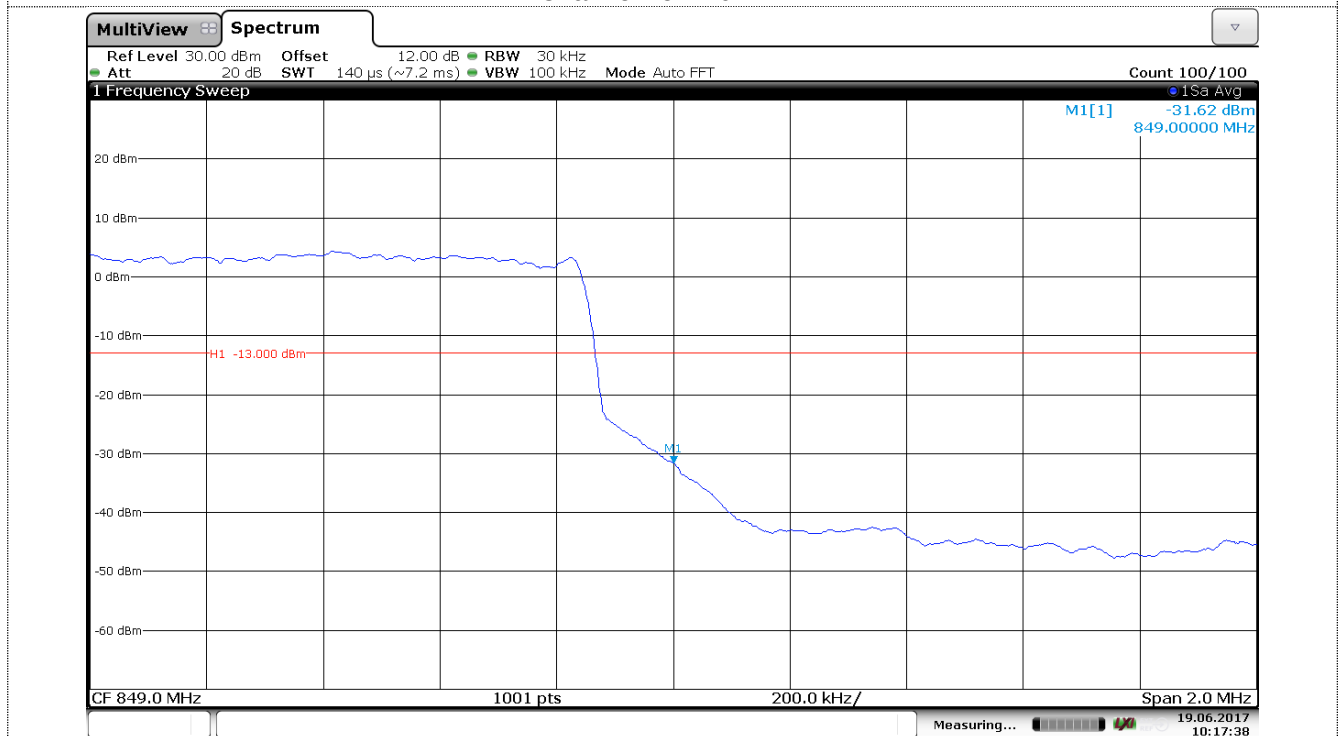
**Channel Low-1RB#****Channel High-1RB#**



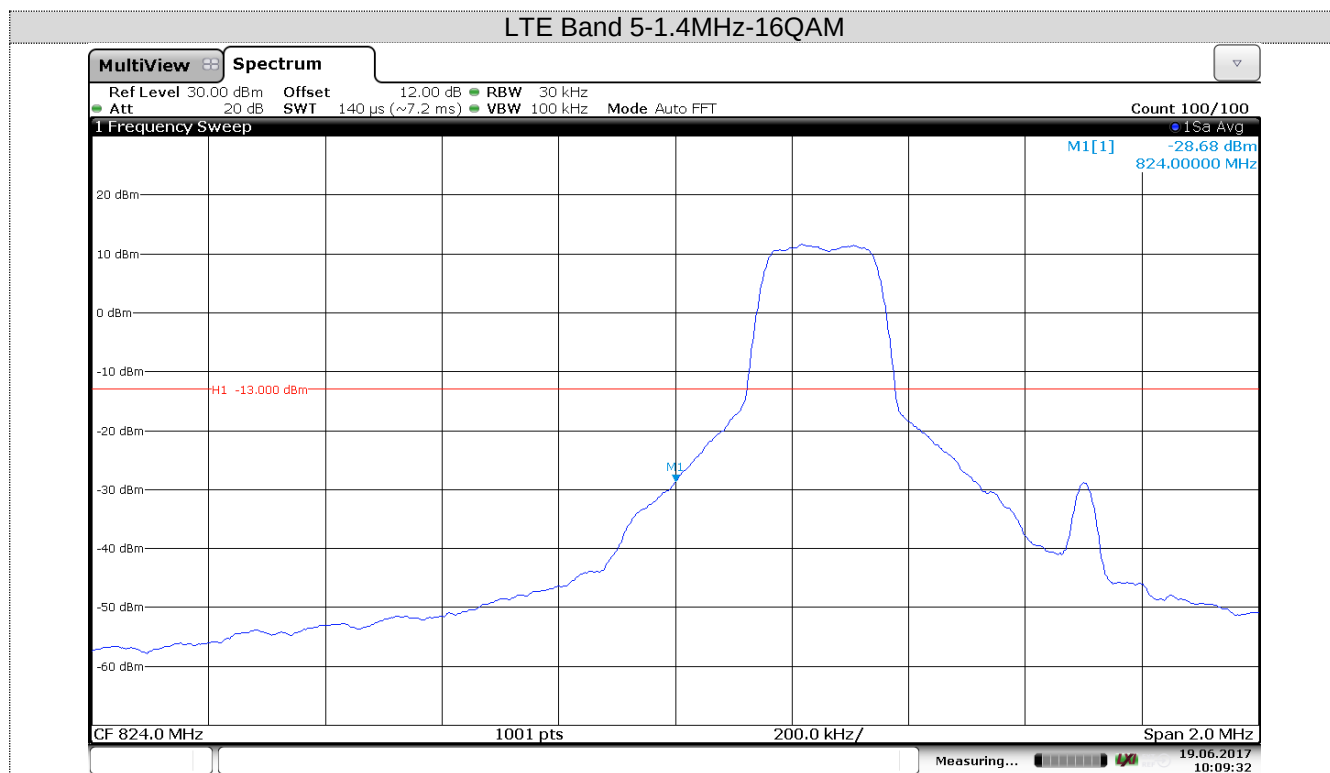
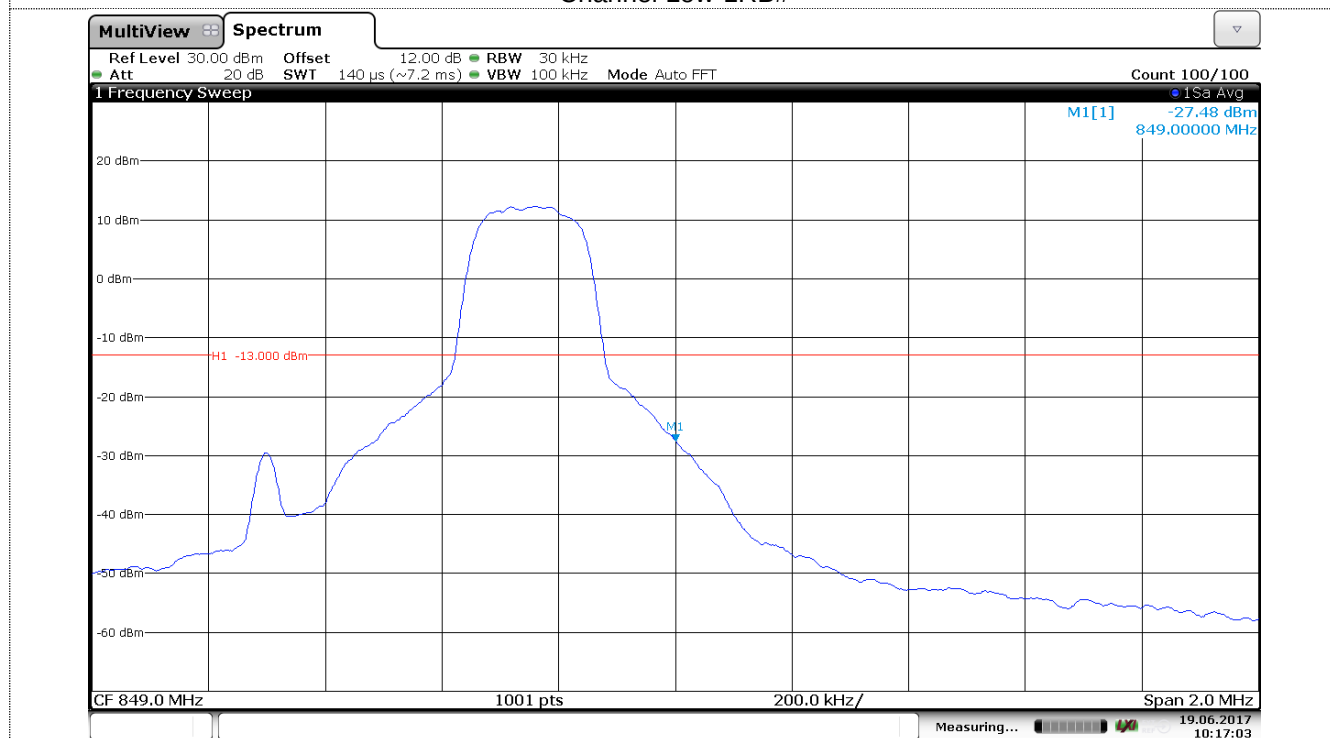
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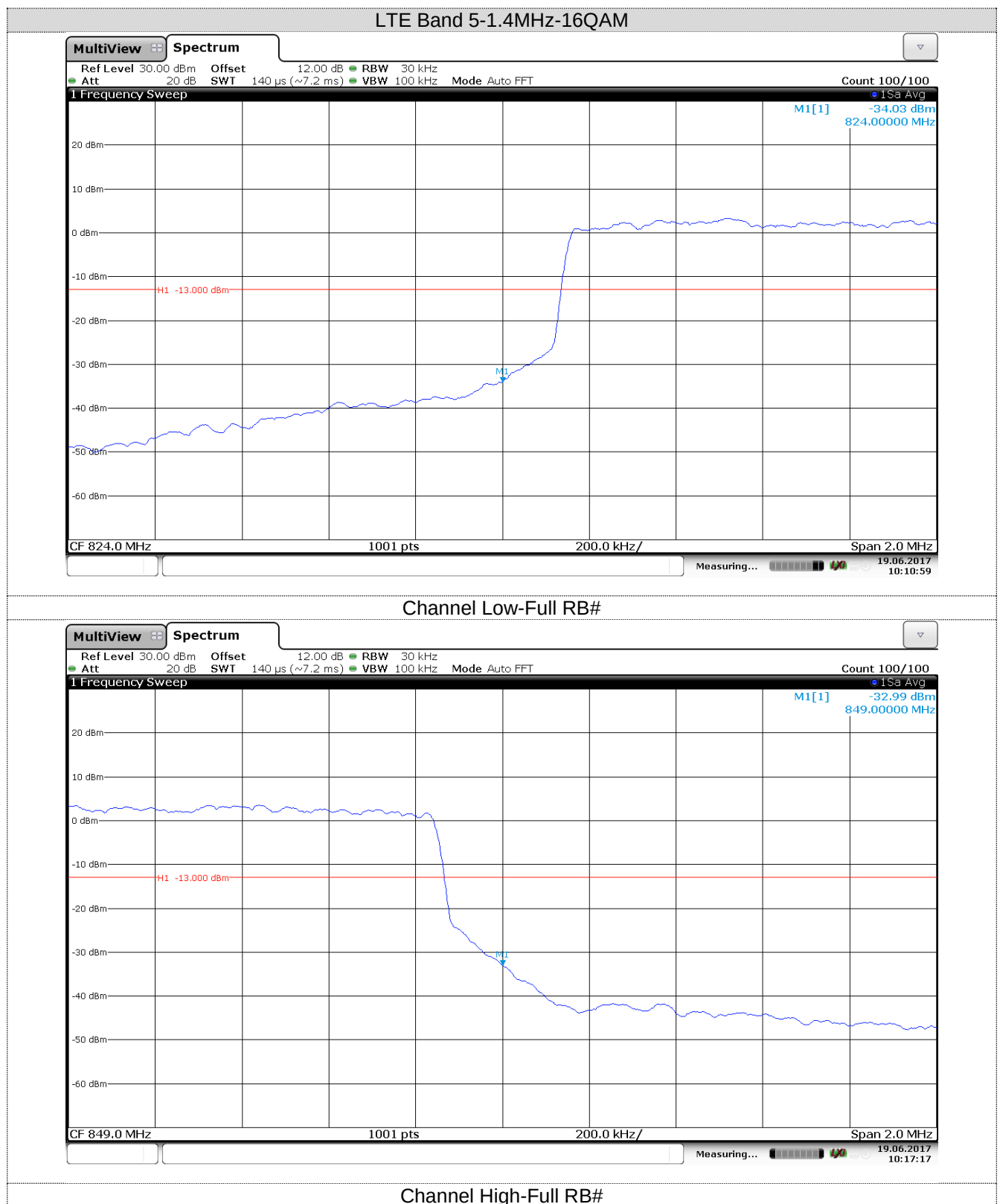


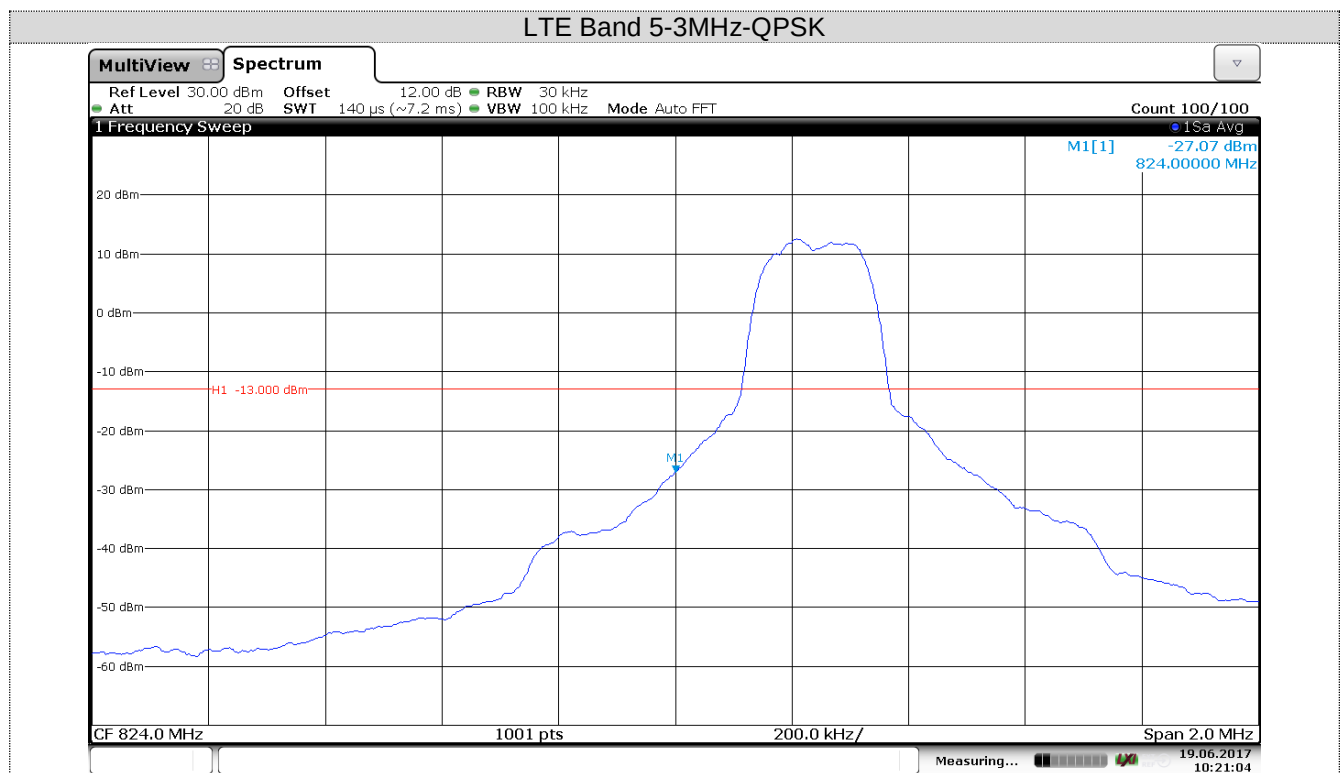
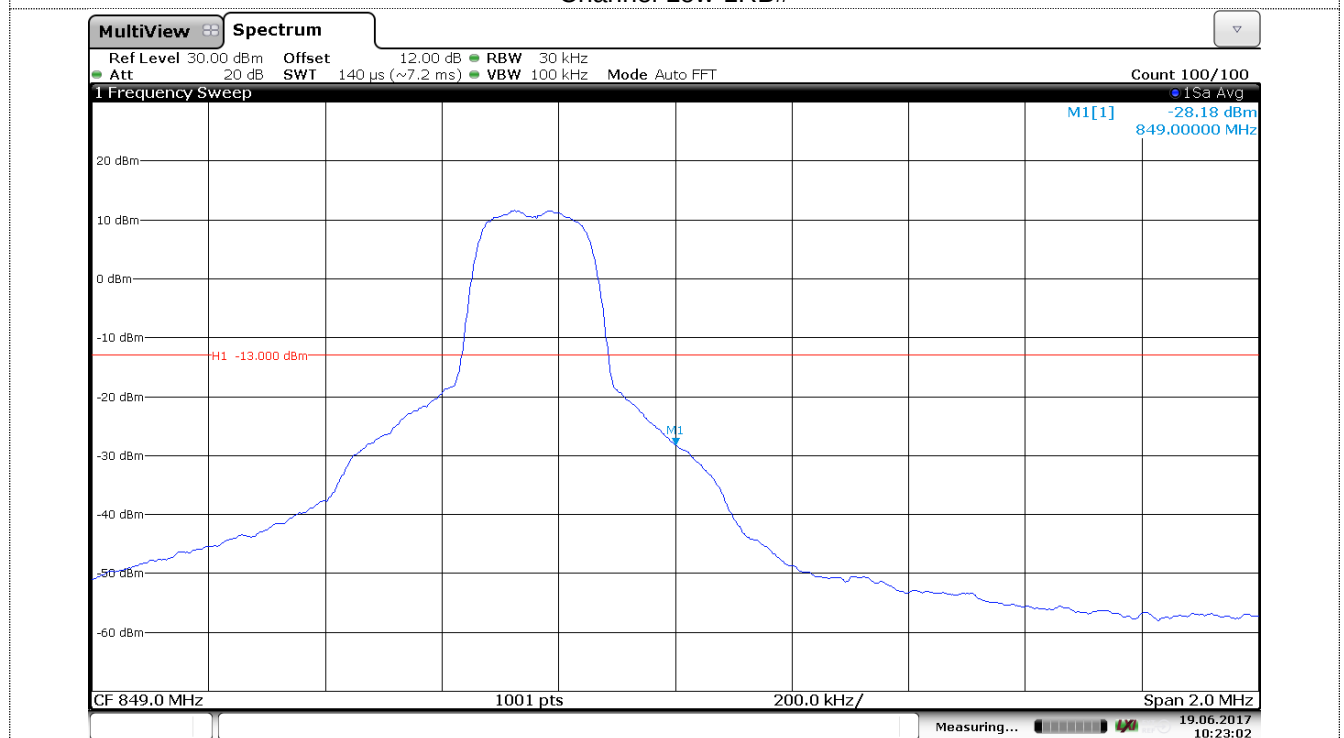
Channel Low-Full RB#

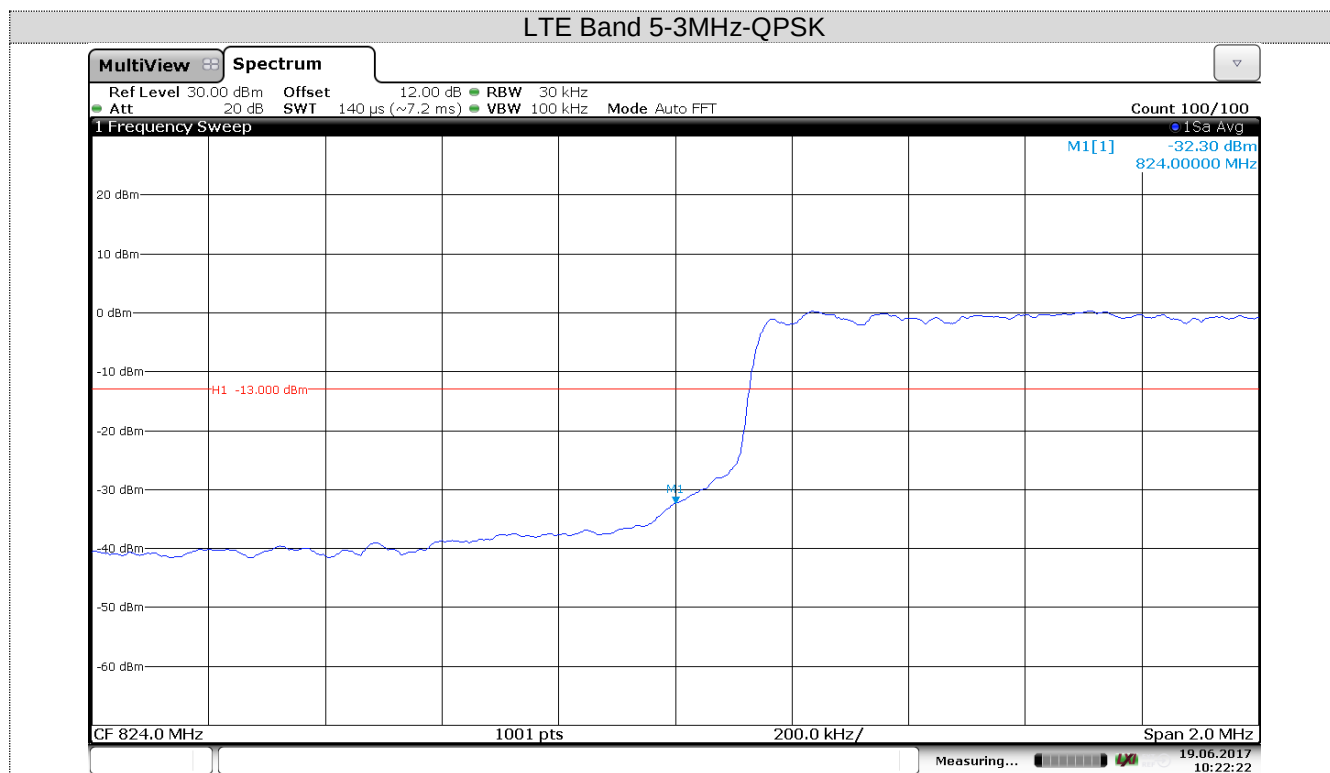
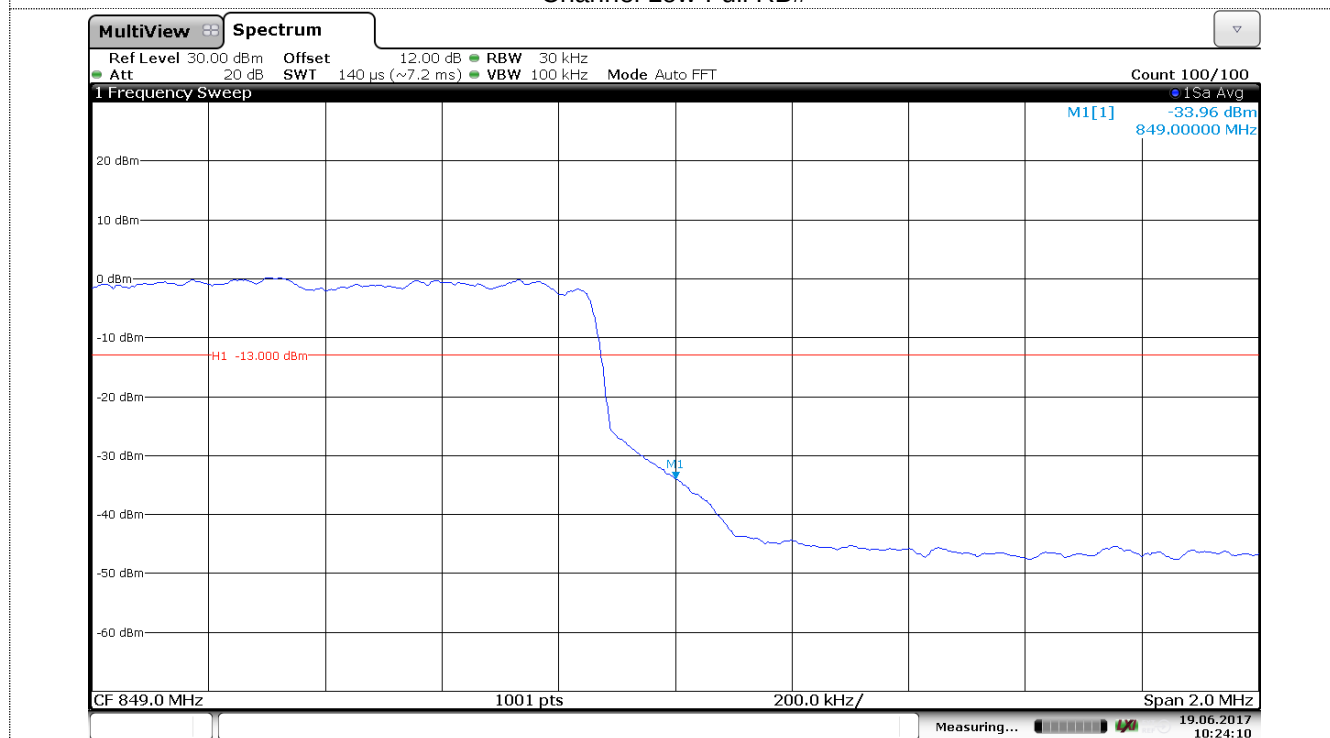


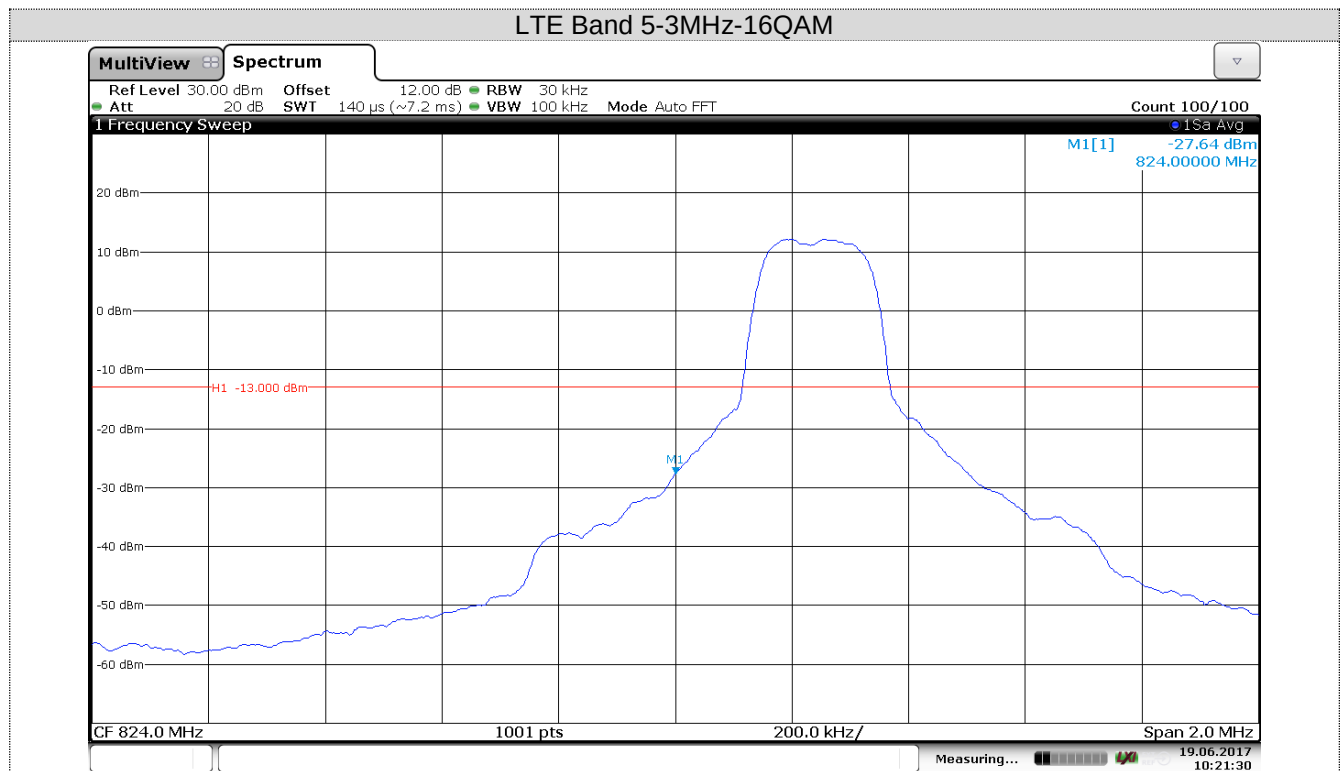
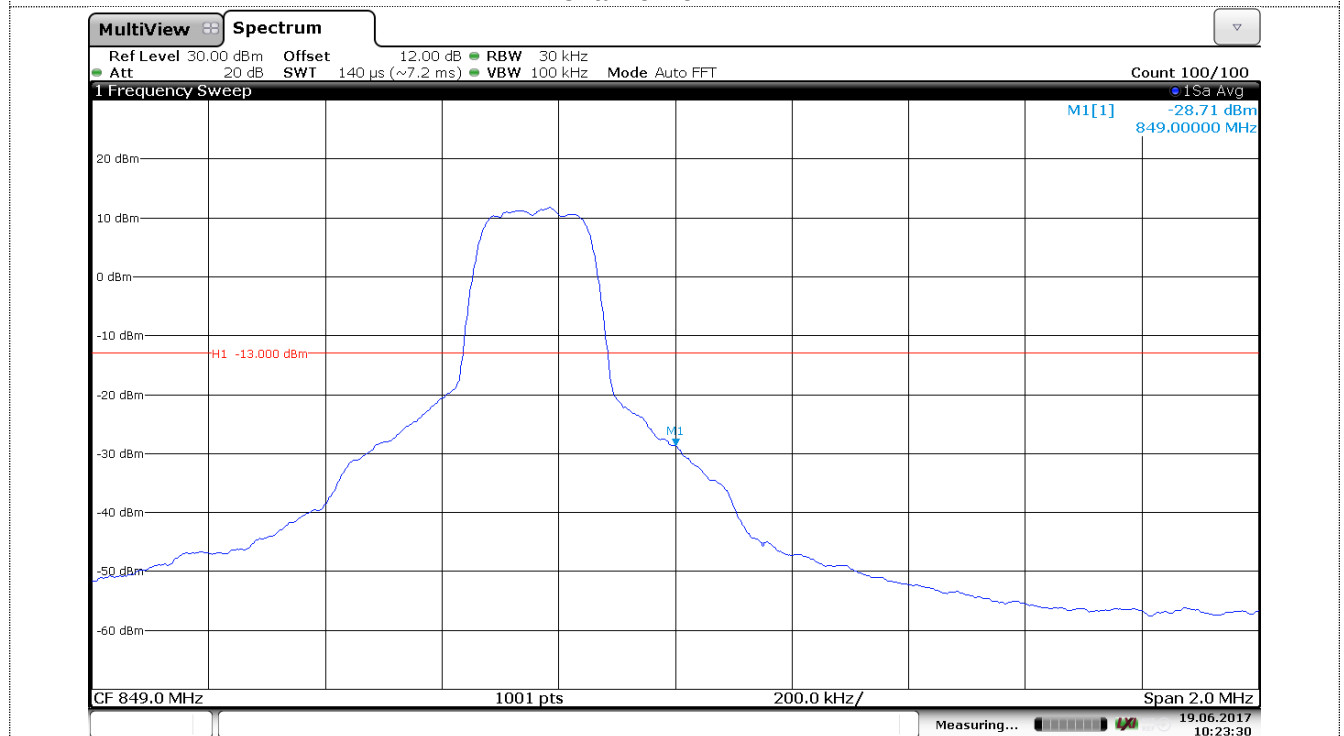
Channel High-Full RB#

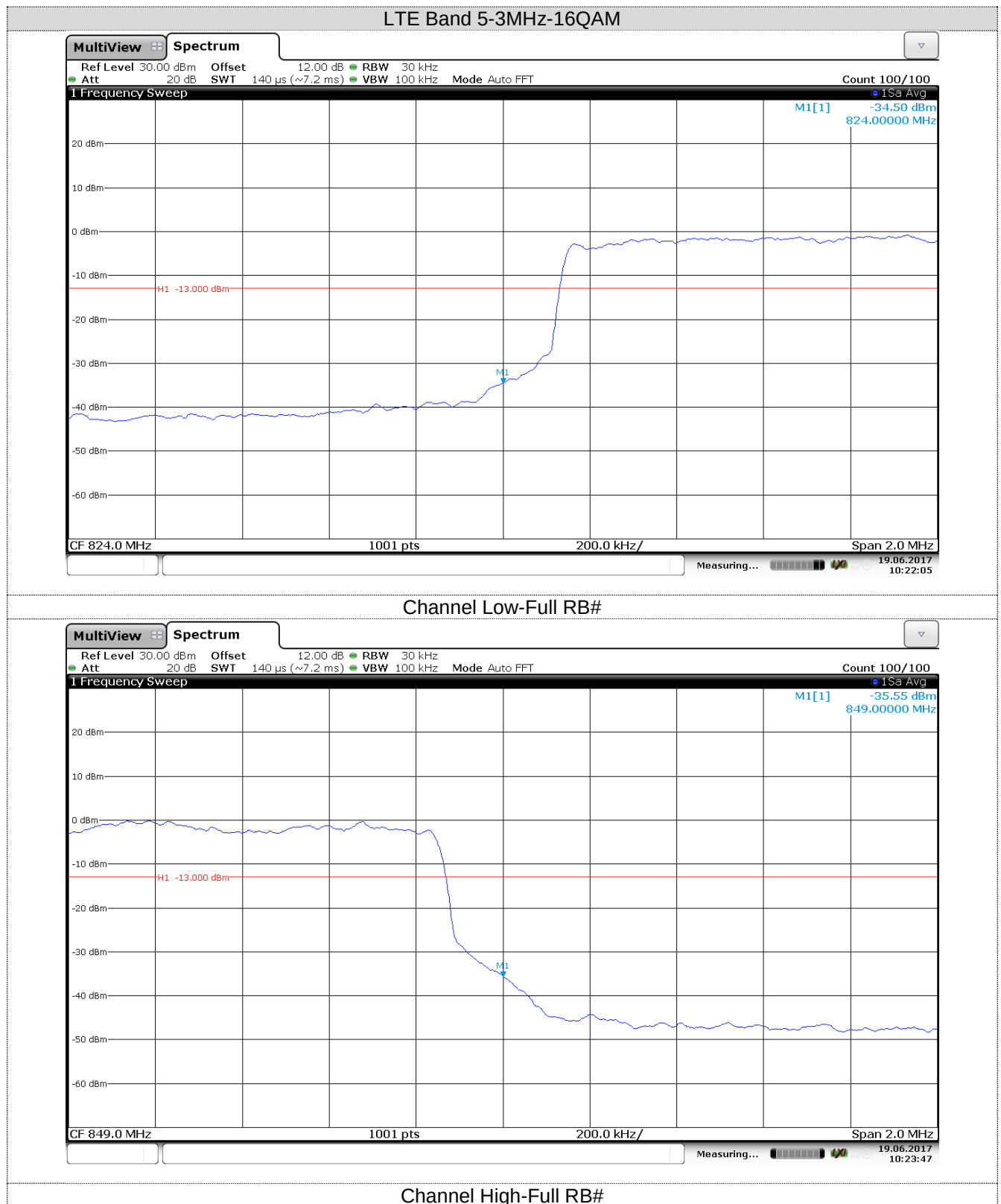
**Channel Low-1RB#****Channel High-1RB#**

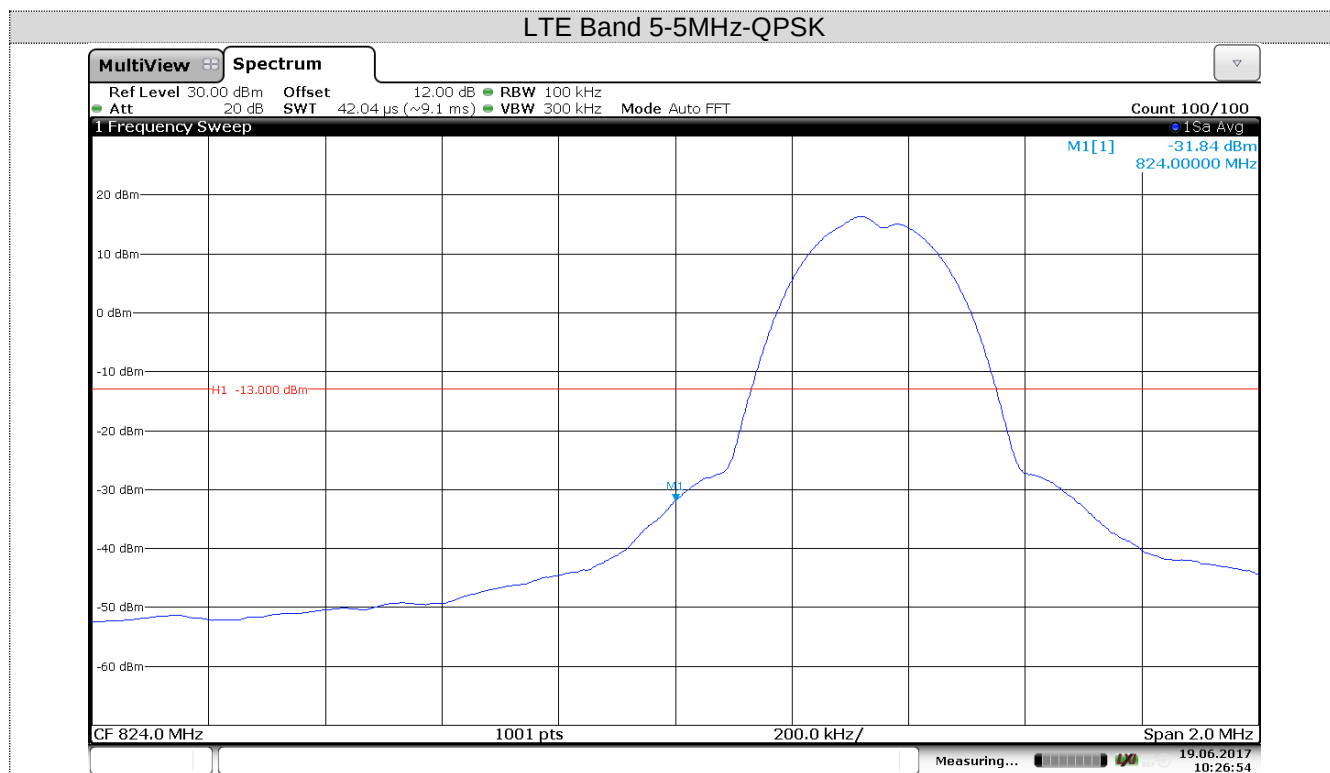
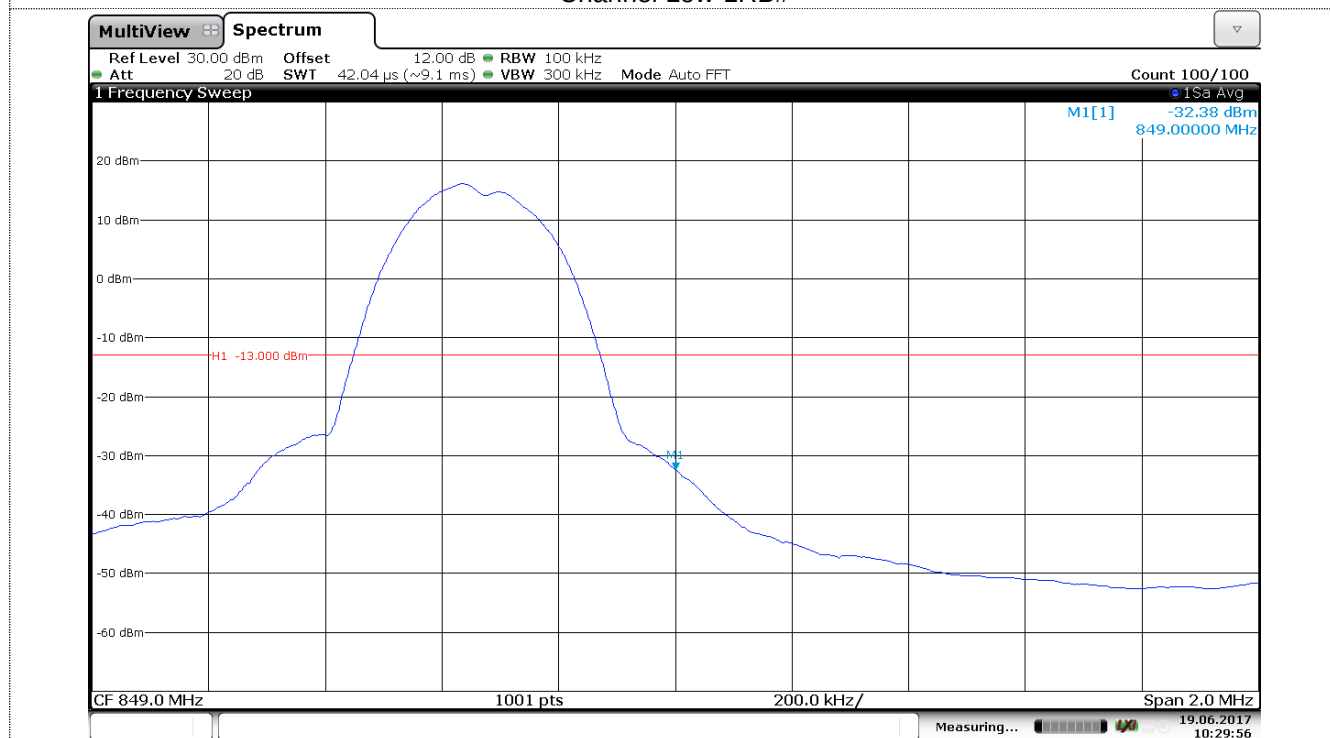


**Channel Low-1RB#****Channel High-1RB#**

**Channel Low-Full RB#****Channel High-Full RB#**

**Channel Low-1RB#****Channel High-1RB#**



**Channel Low-1RB#****Channel High-1RB#**

