

Appendix 1

Test Results

AC Mains Conducted Emission

Mode: TX mode; Line: L1

CONDUCTED EMISSION

12.Oct 18 12:32

Job / Record No. TUV121018B01
Equipment under Test PORT EASE/BLE MODULE/A000816745-001
Ant. Pol./h/Range L
Test Spec./ Std FCC P15

Operation Condition

TX@2440MHz,120VAC,60Hz

Stepped Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: CON_EMI

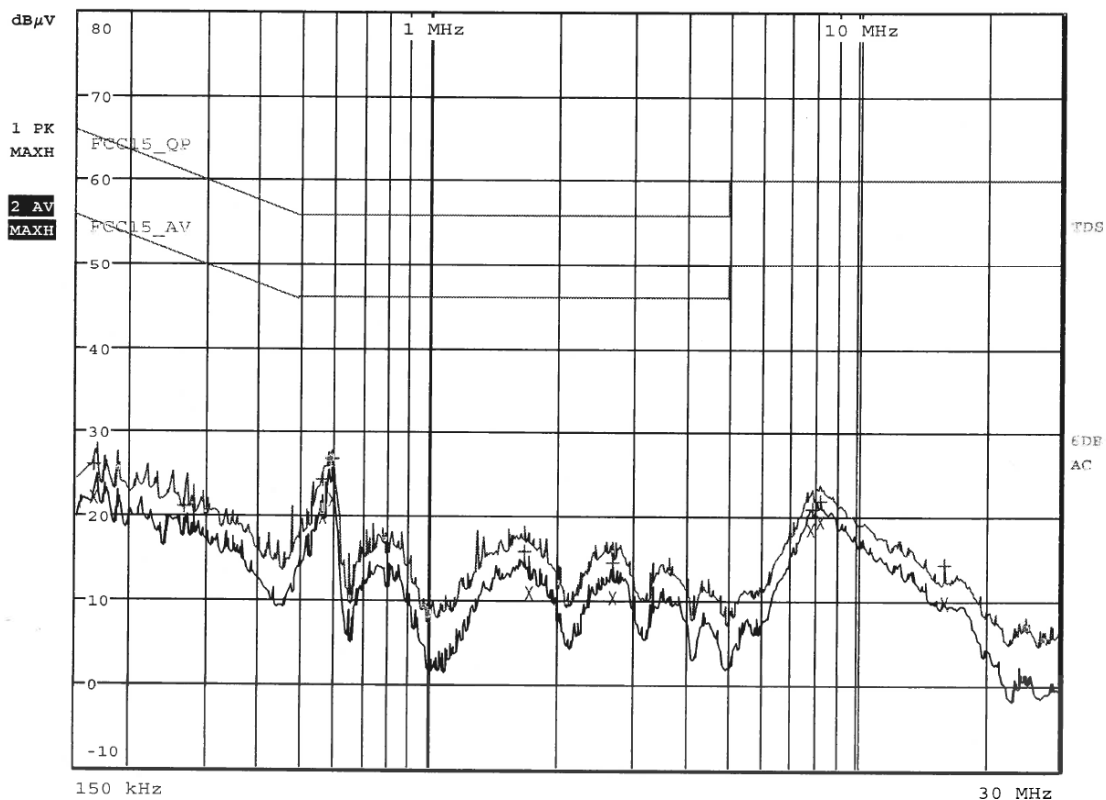
Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp Input
150.000000 kHz	30.000000 MHz	4.00 kHz	9.00 kHz	1 ms	Auto	0 dB INPUT2

RBW 9 kHz

MT 1 s

Att 0 dB AUTO

PREAMP OFF



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Mode: TX mode; Line: N

CONDUCTED EMISSION

12.Oct 18 12:42

Job / Record No. TUV121018B02
Equipment under Test PORT EASE/BLE MODULE/A000816745-001
Ant. Pol./h/Range N
Test Spec./ Std FCC P15

Operation Condition

TX@2440MHz,120VAC,60Hz

Stepped Scan (1 Range)

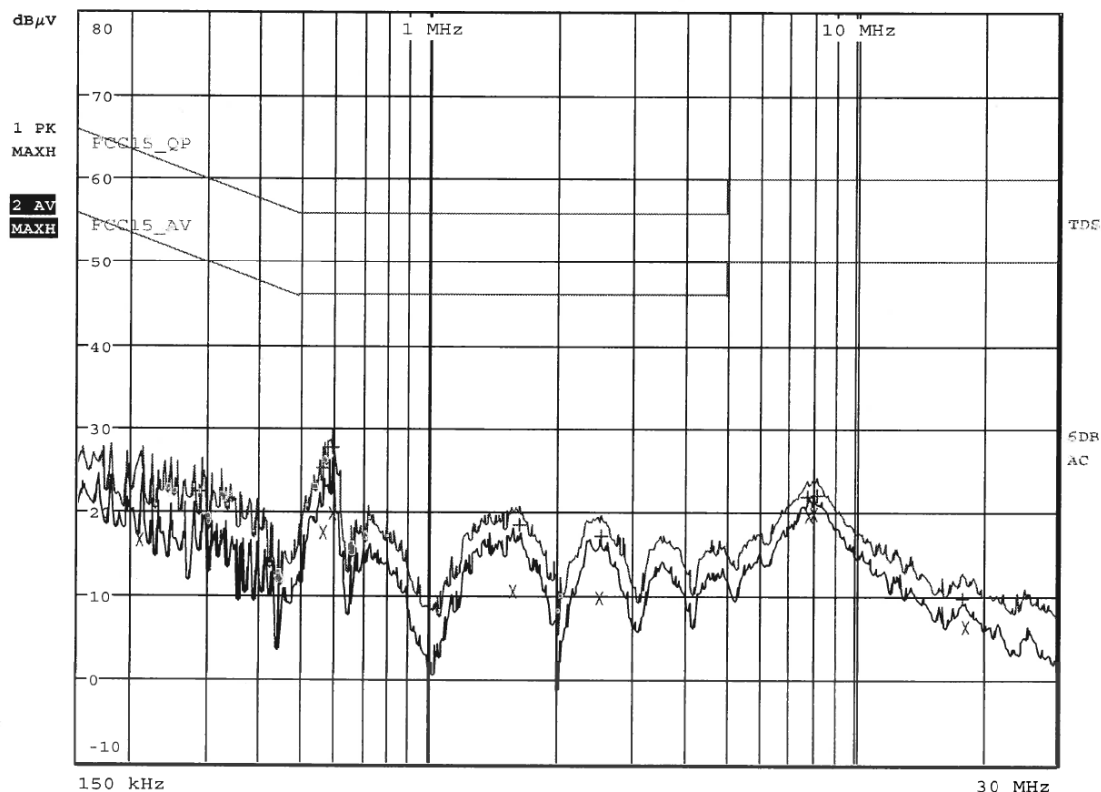
Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: CON_EMI

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp Input
150.000000 kHz	30.000000 MHz	4.00 kHz	9.00 kHz	1 ms	Auto	0 dB INPUT2

RBW 9 kHz

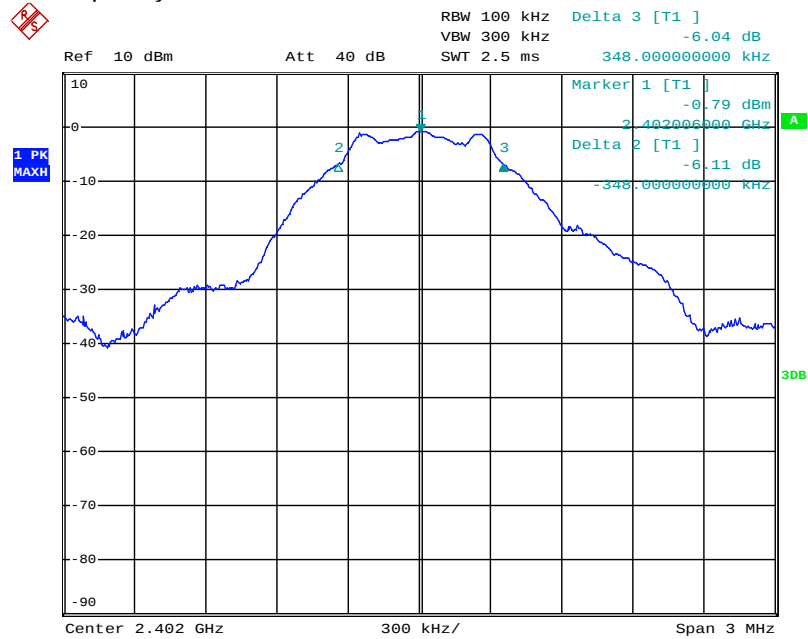
MT 1 s

Att 0 dB AUTO PREAMP OFF



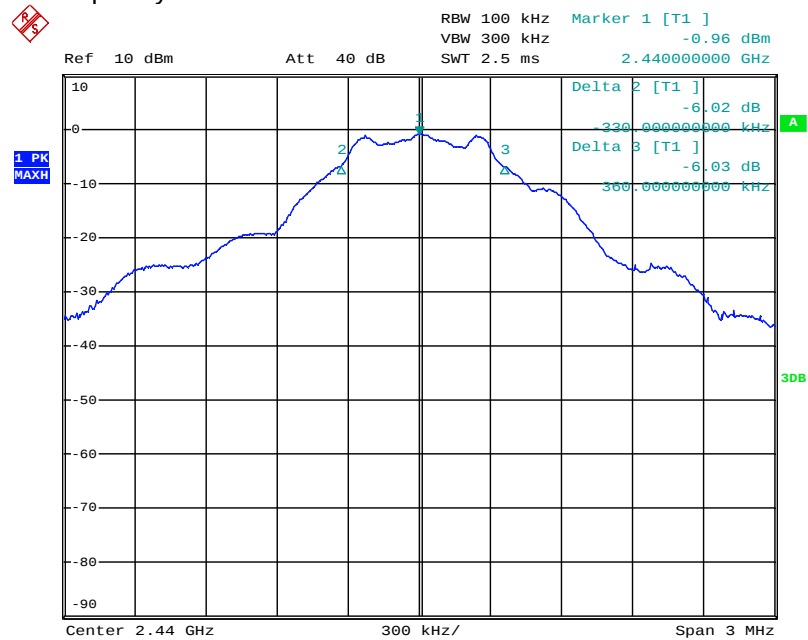
6 dB Bandwidth Measurement

TX frequency: 2402MHz



Date: 11.OCT.2018 14:35:23

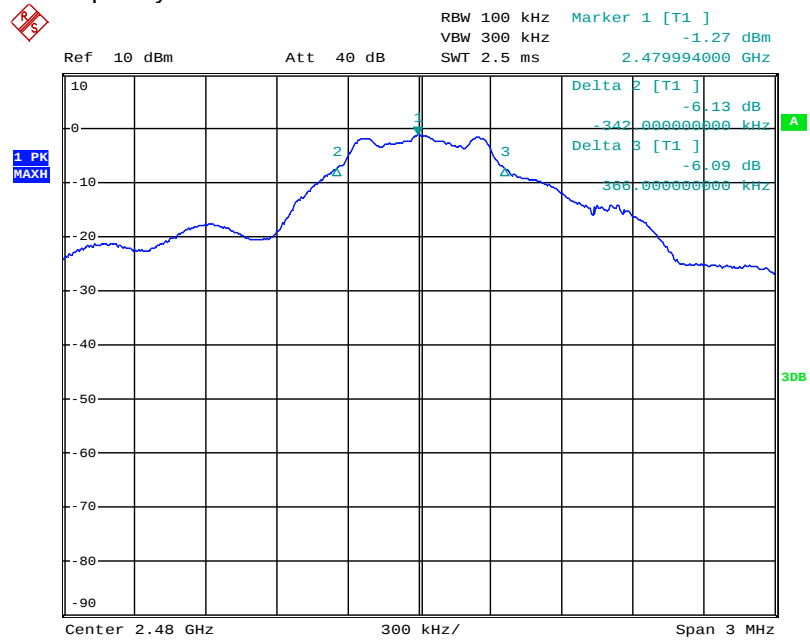
TX frequency: 2440MHz



Date: 11.OCT.2018 14:37:52

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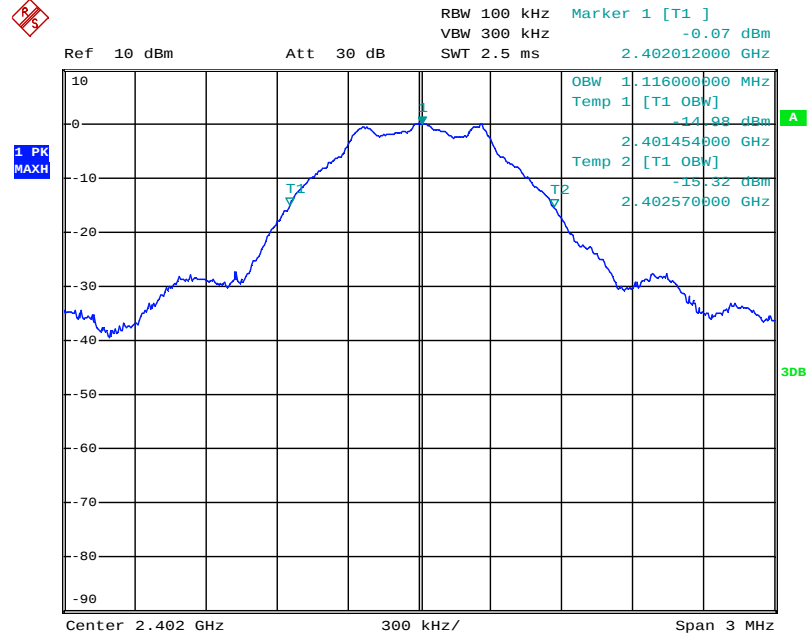
TX frequency: 2480MHz



Date: 11.OCT.2018 14:38:31

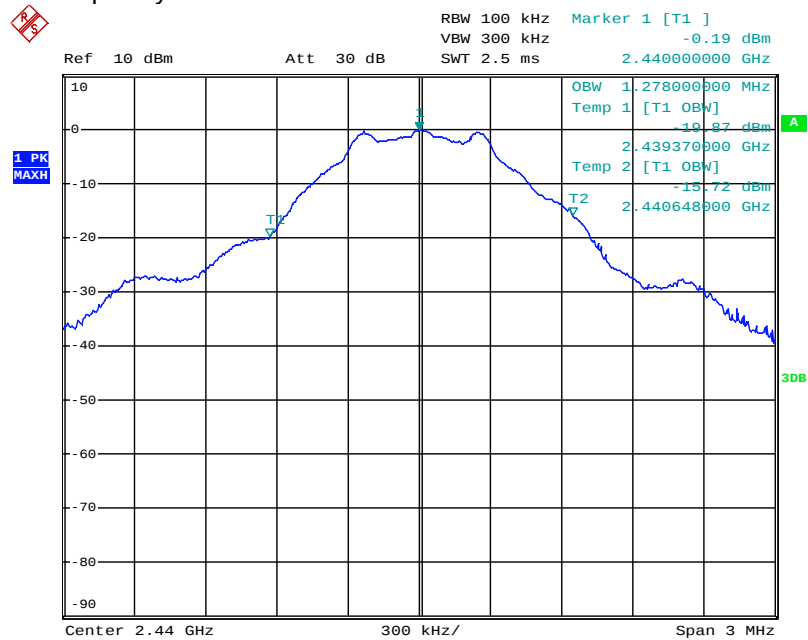
Occupied Bandwidth Measurement

TX frequency: 2402MHz



Date: 12.OCT.2018 18:06:10

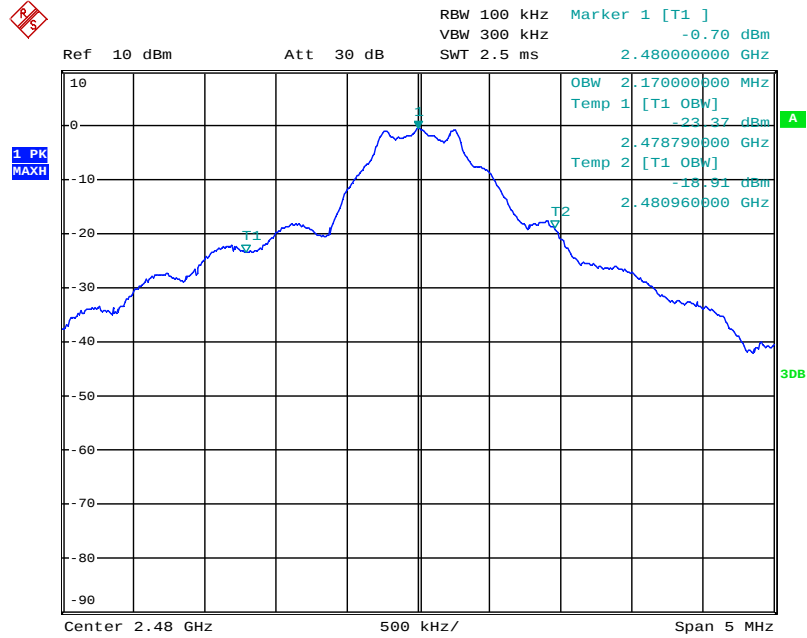
TX frequency: 2440MHz



Date: 12.OCT.2018 18:07:15

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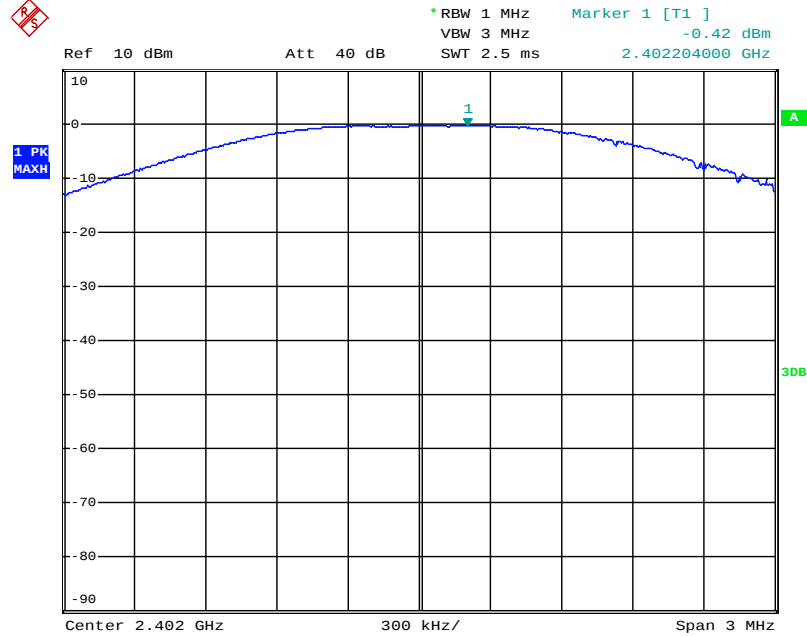
TX frequency: 2480MHz



Date: 12.OCT.2018 18:08:02

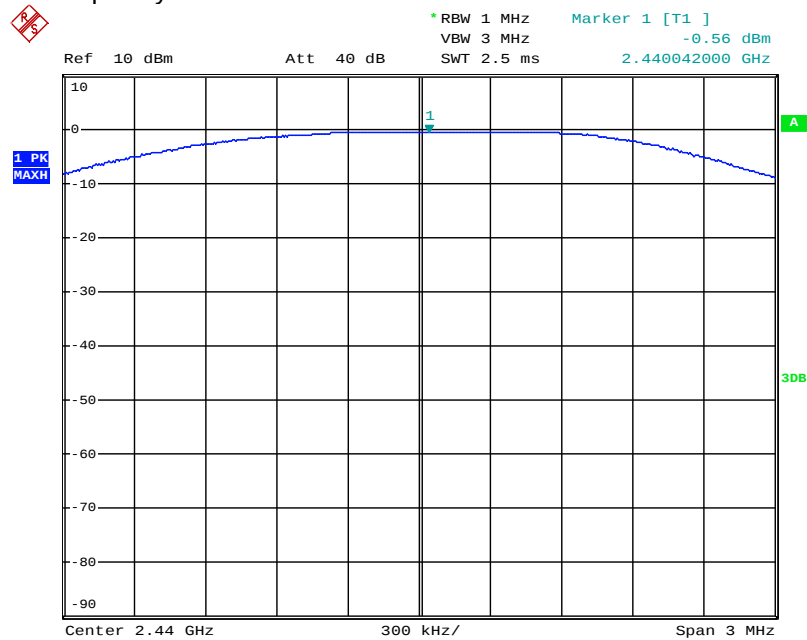
Maximum Peak Conducted Output power

TX frequency: 2402MHz



Date: 11.OCT.2018 14:40:55

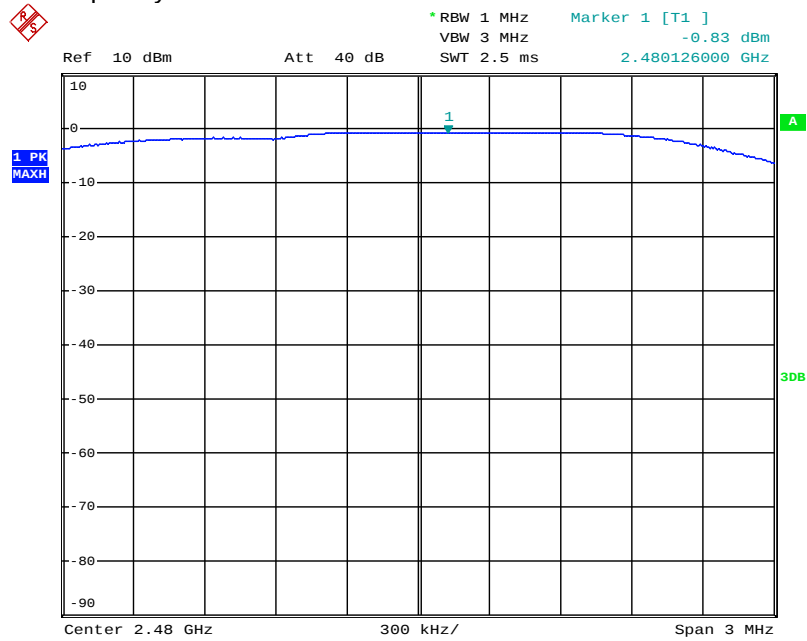
TX frequency: 2440MHz



Date: 11.OCT.2018 14:40:28

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TX frequency: 2480MHz

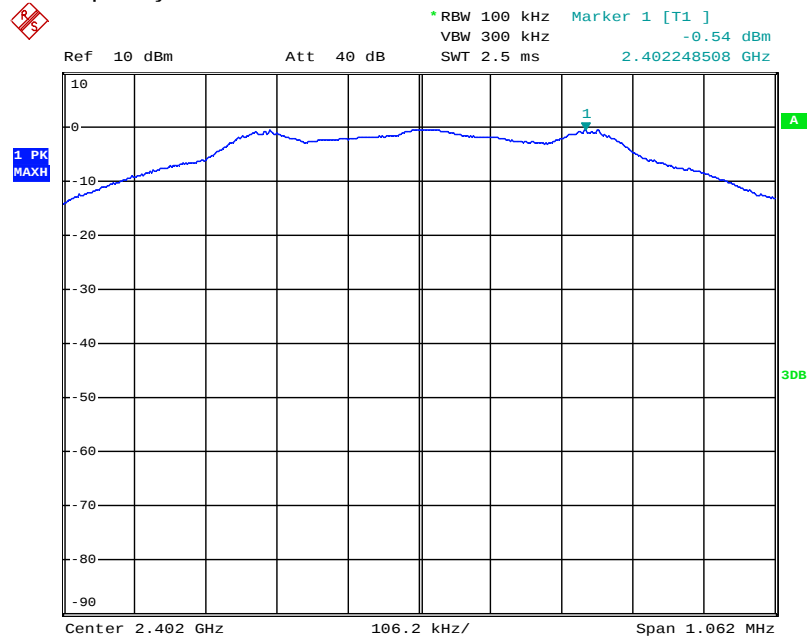


Date: 11.OCT.2018 14:39:30

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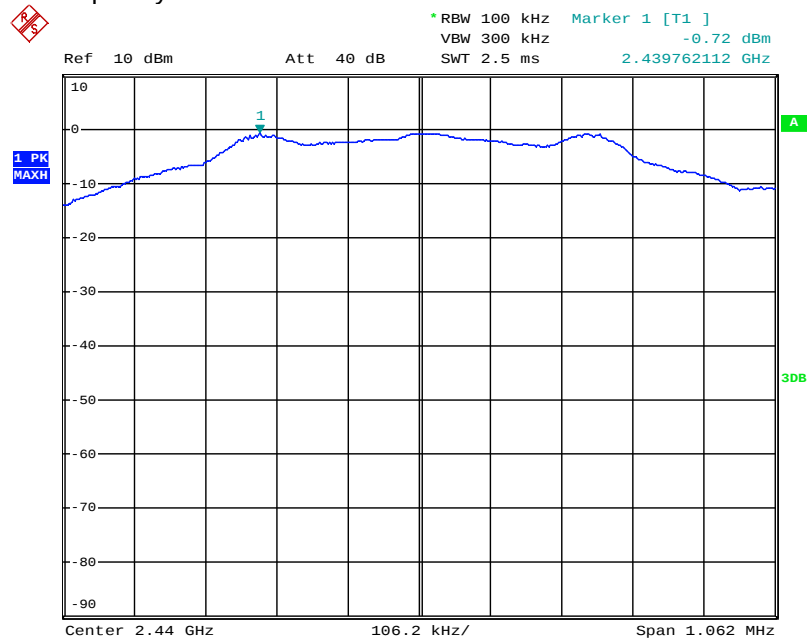
Power Spectral Density

TX frequency: 2402MHz



Date: 12.OCT.2018 10:47:31

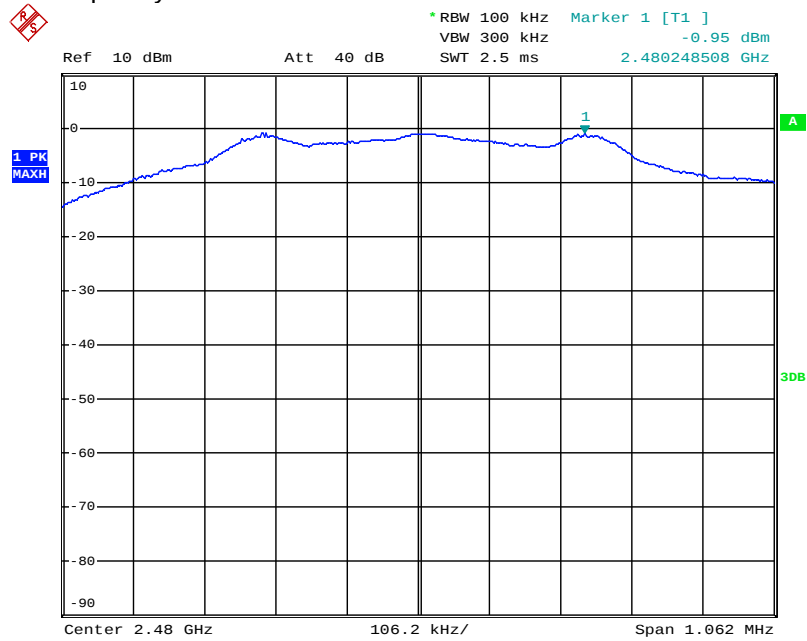
TX frequency: 2440MHz



Date: 12.OCT.2018 10:45:07

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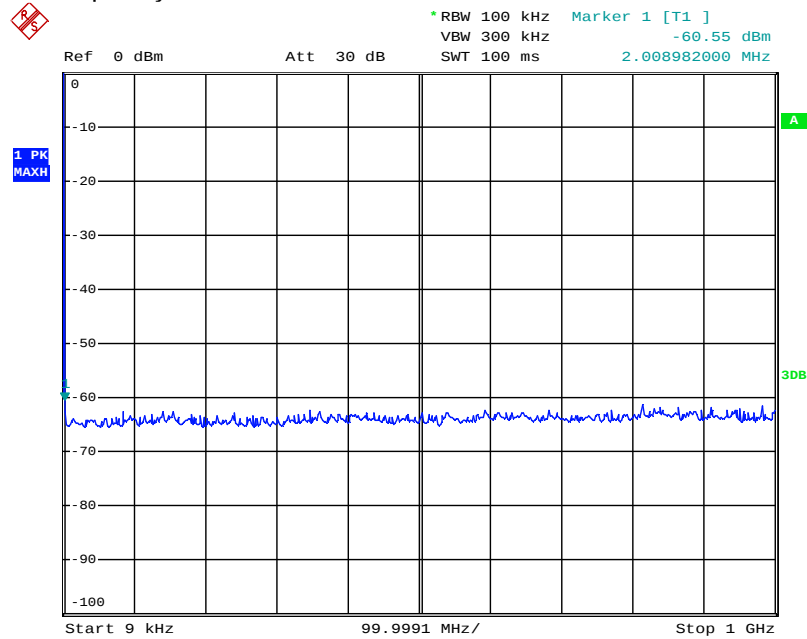
TX frequency: 2480MHz



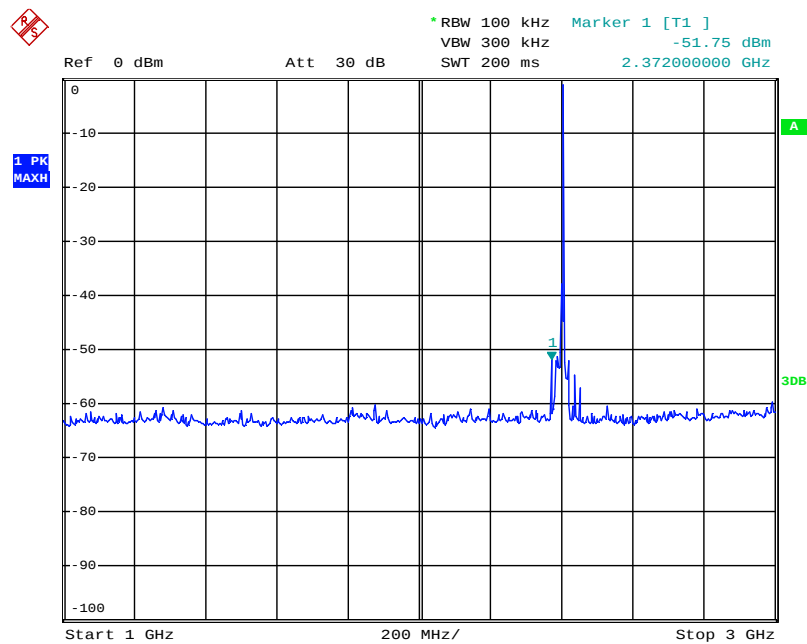
Date: 12.OCT.2018 10:42:46

Spurious Conducted Emissions

TX frequency: 2402MHz

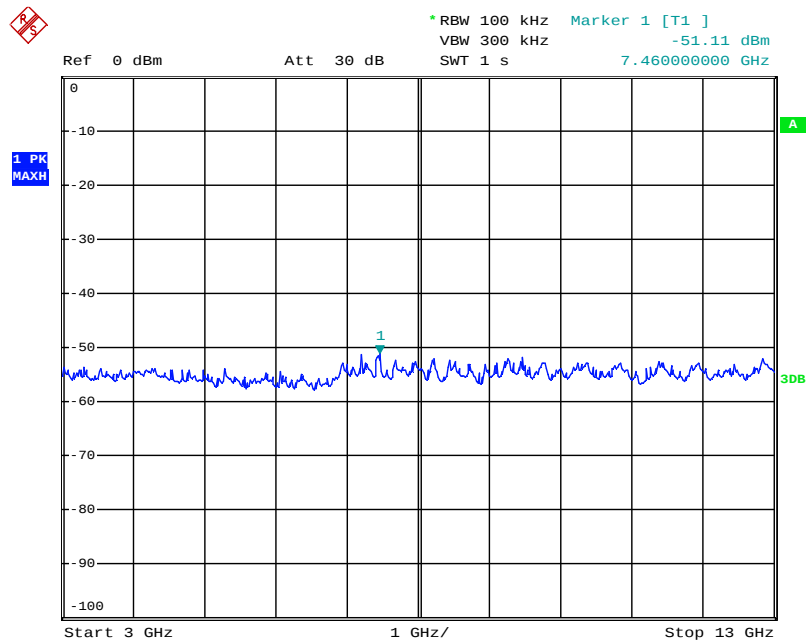


Date: 12.OCT.2018 08:37:21

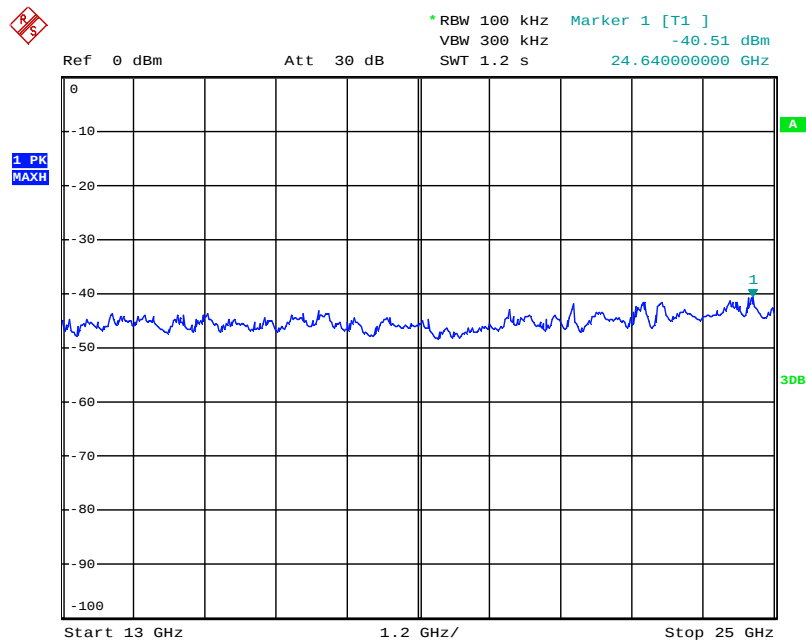


Date: 12.OCT.2018 08:40:13

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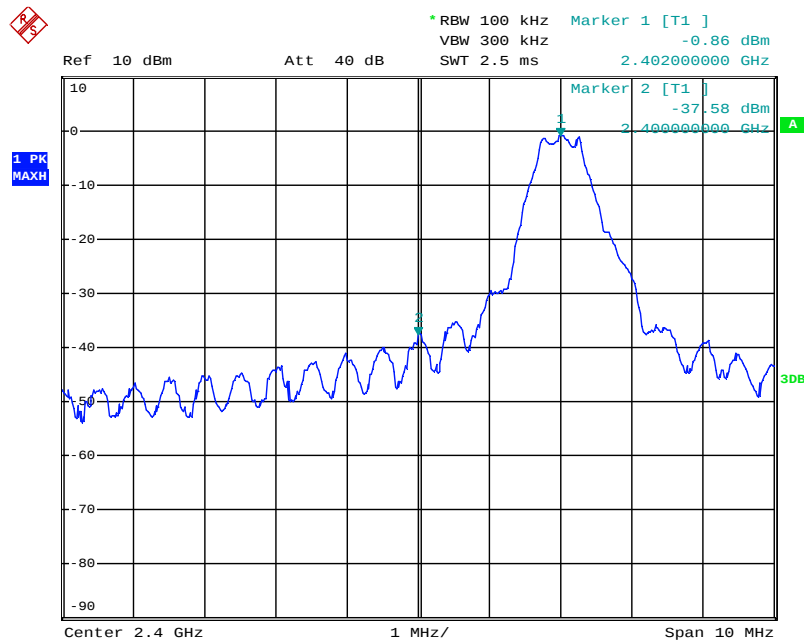


Date: 12.OCT.2018 08:42:29



Date: 12.OCT.2018 08:44:17

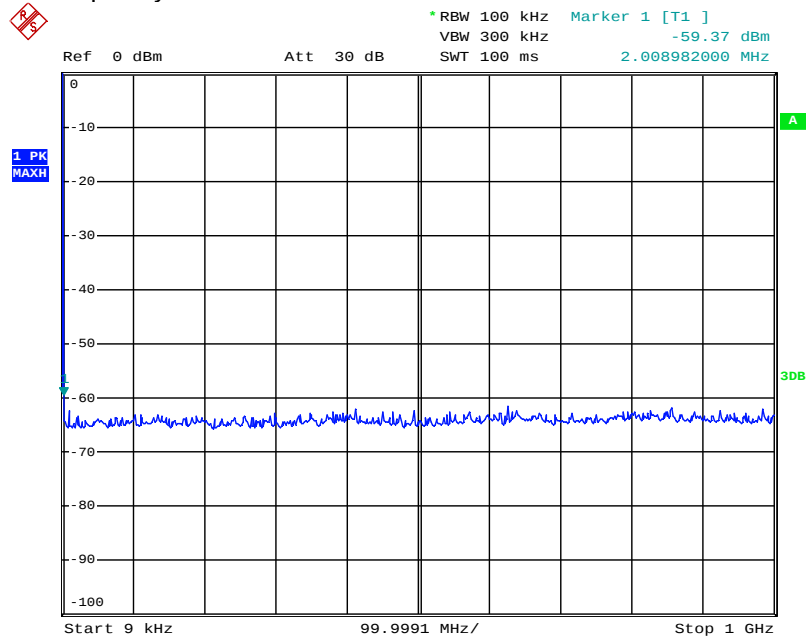
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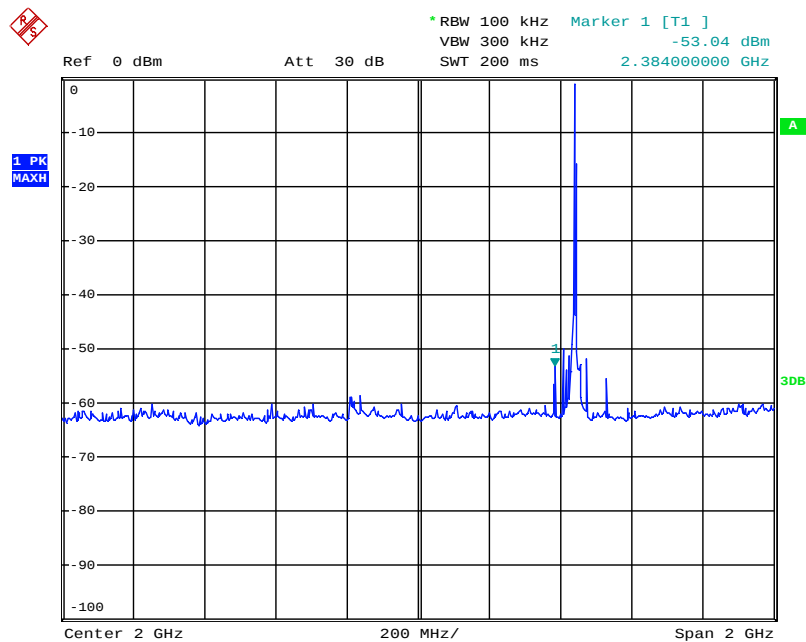
Date: 11.OCT.2018 14:42:16

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TX frequency: 2440MHz

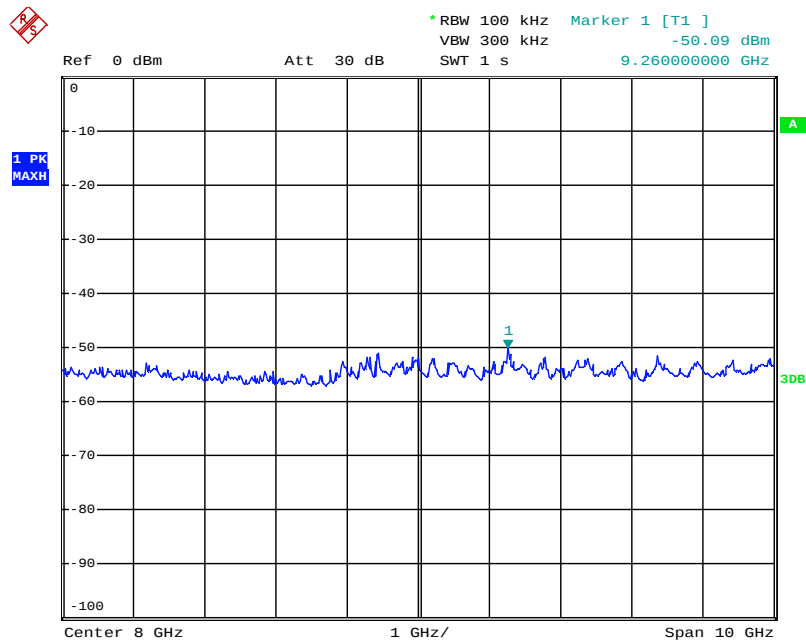


Date: 12.OCT.2018 08:51:28

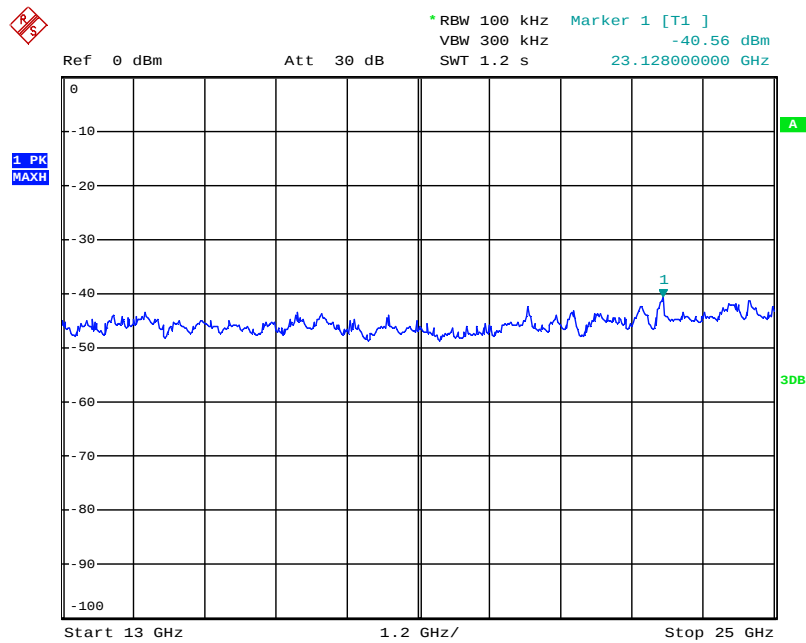


Date: 12.OCT.2018 08:49:35

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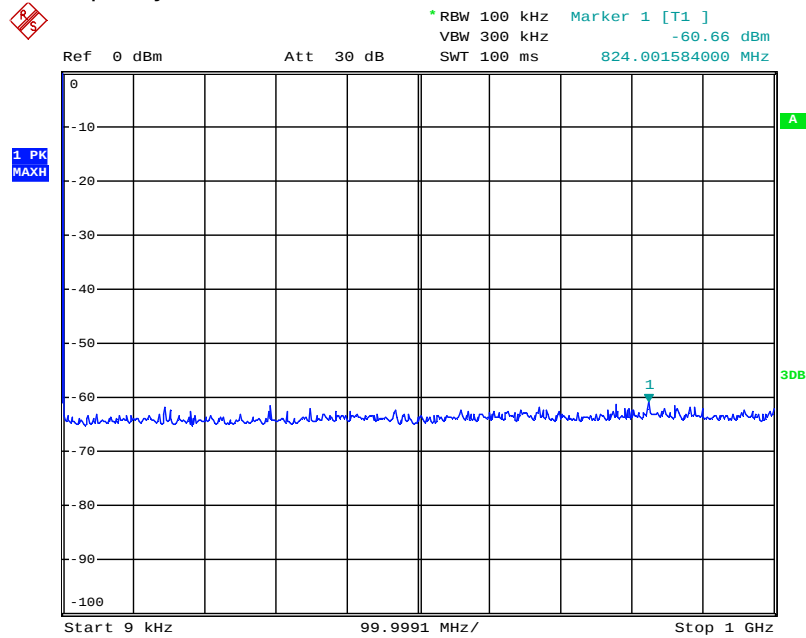
Date: 12.OCT.2018 08:48:02



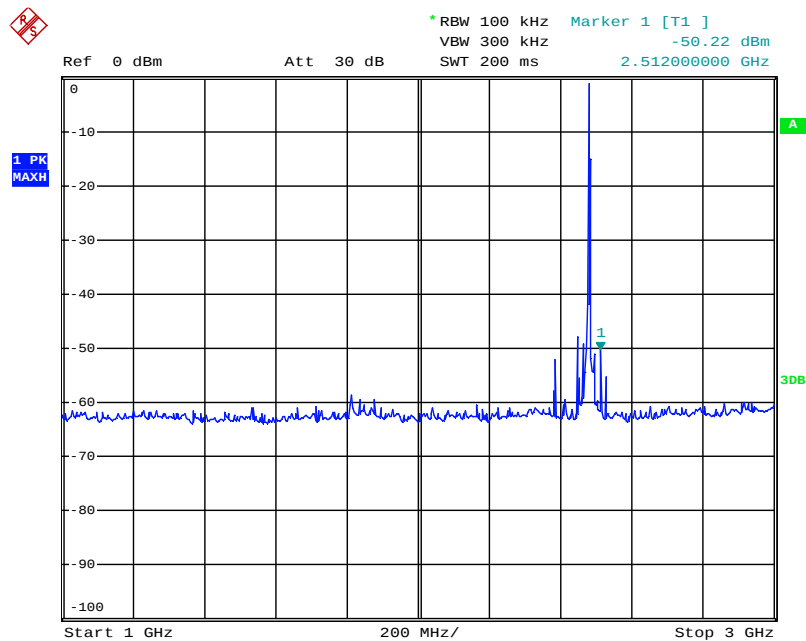
Date: 12.OCT.2018 08:45:51

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TX frequency: 2480MHz

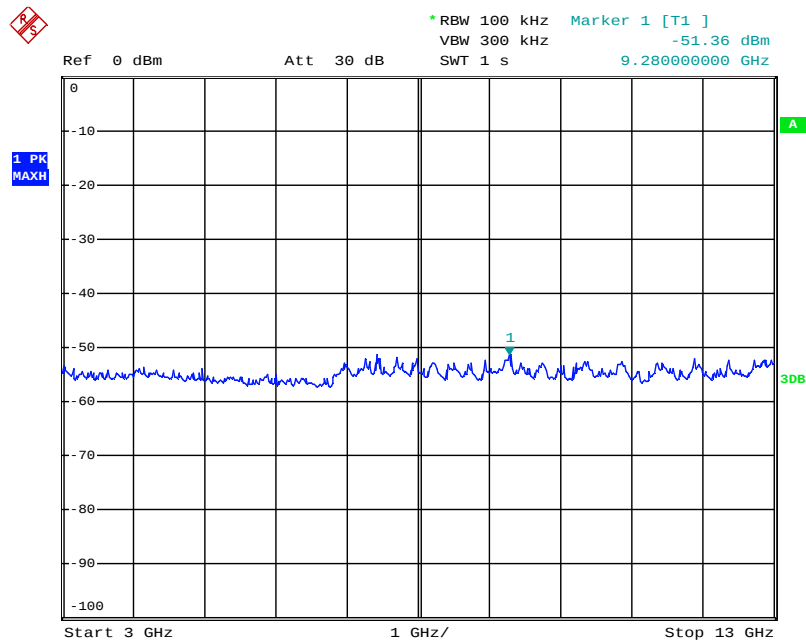


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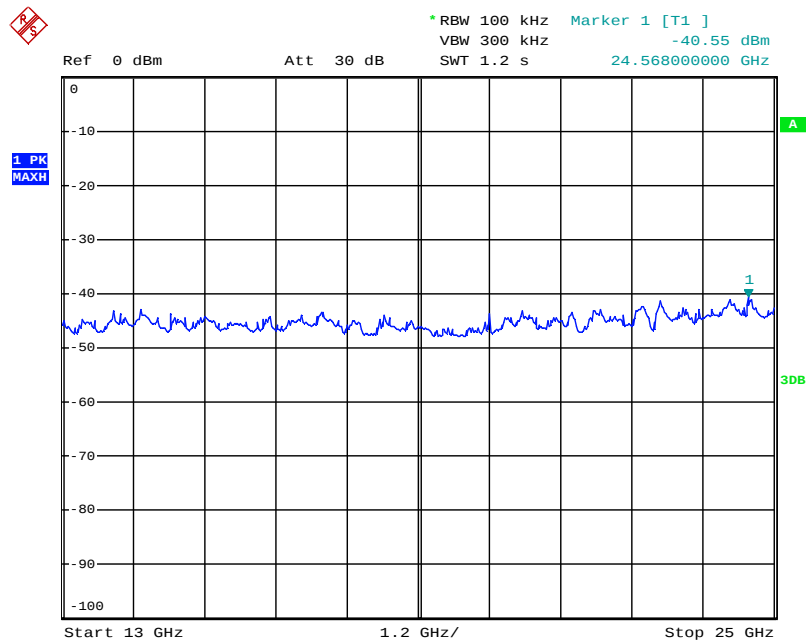


Date: 12.OCT.2018 08:53:43

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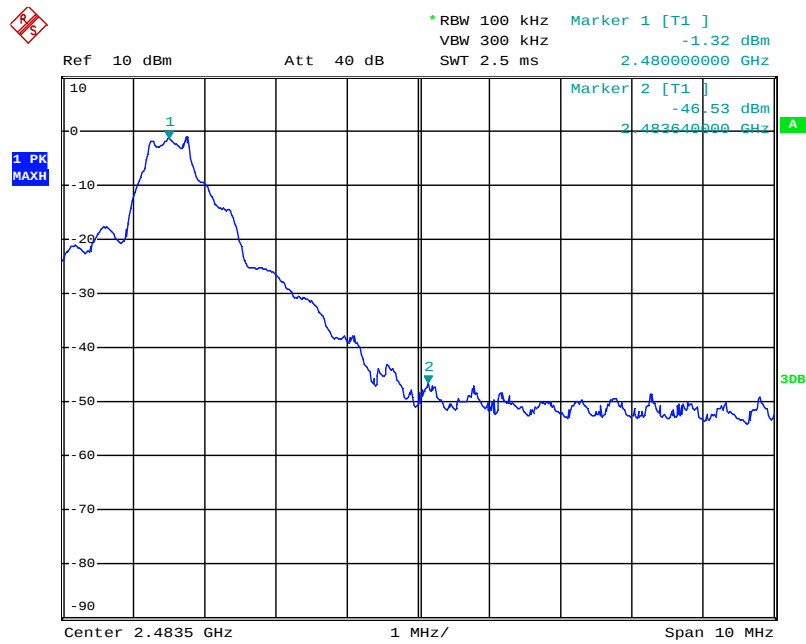


Date: 12.OCT.2018 08:54:56



Date: 12.OCT.2018 08:56:30

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Date: 11.OCT.2018 14:43:40