

Appendix 1

Test Results

Conducted Emissions

CONDUCTED EMISSION

12.Oct 18 12:48

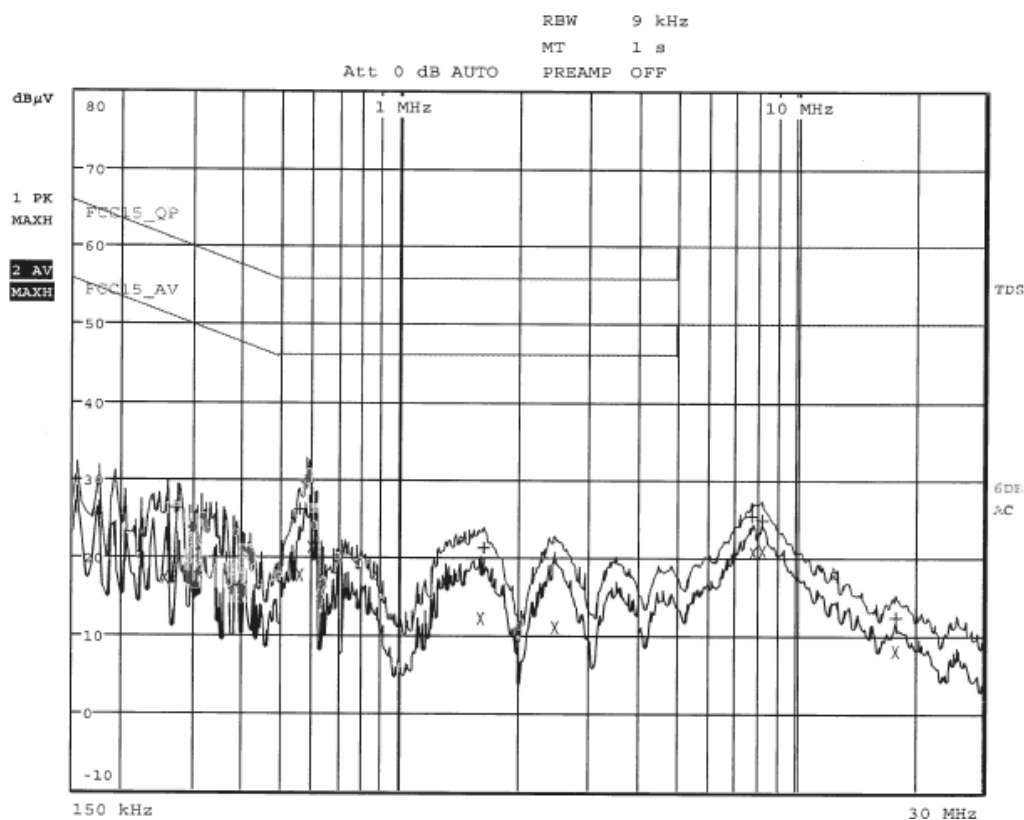
Job / Record No. TUV121018B03
Equipment under Test TUV SZ/BLE MODULE/RF STAR/A000770309
Ant. Pol./h/Range N
Test Spec./ Std FCC P15

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	Preampl Input
150.000000 kHz	30.000000 MHz	4.00 kHz	9.00 kHz	1 ms	Auto	0 dB INPUT2



Neutral Measurement

CONDUCTED EMISSION

12.Oct 18 12:52

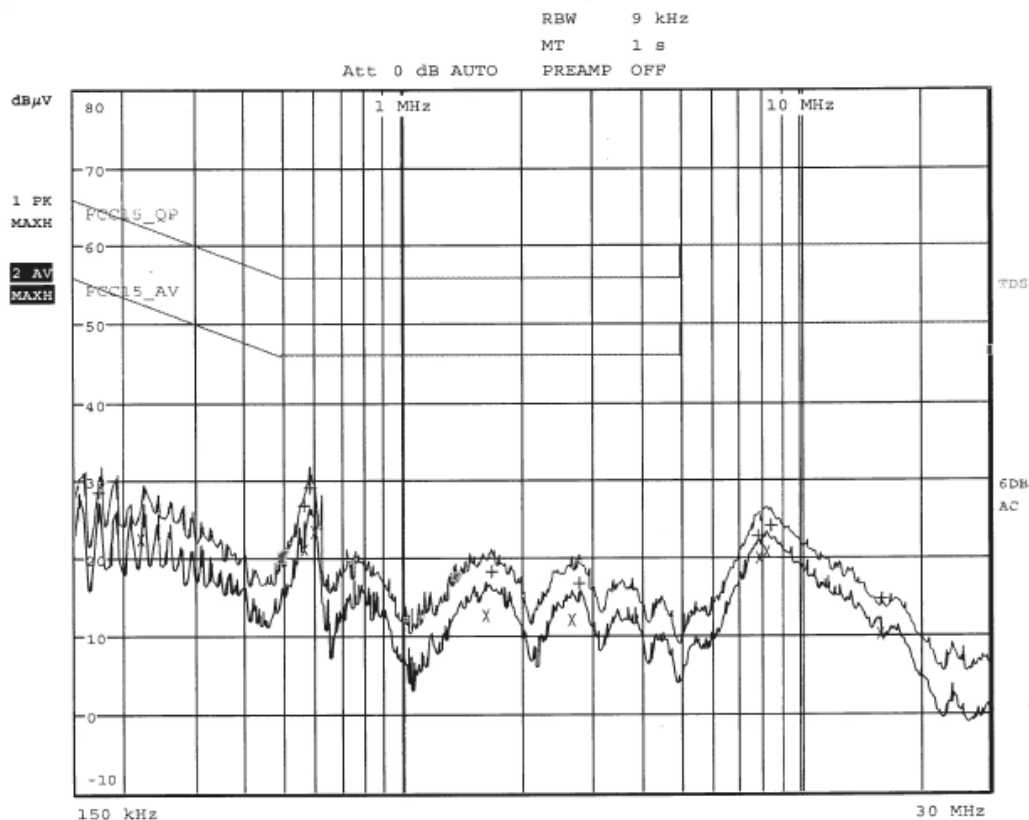
Job / Record No. TUV121018B04
Equipment under Test TUV SZ/BLE MODULE/RF STAR/A000770309
Ant. Pol./h/Range L
Test Spec./ Std FCC P15

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

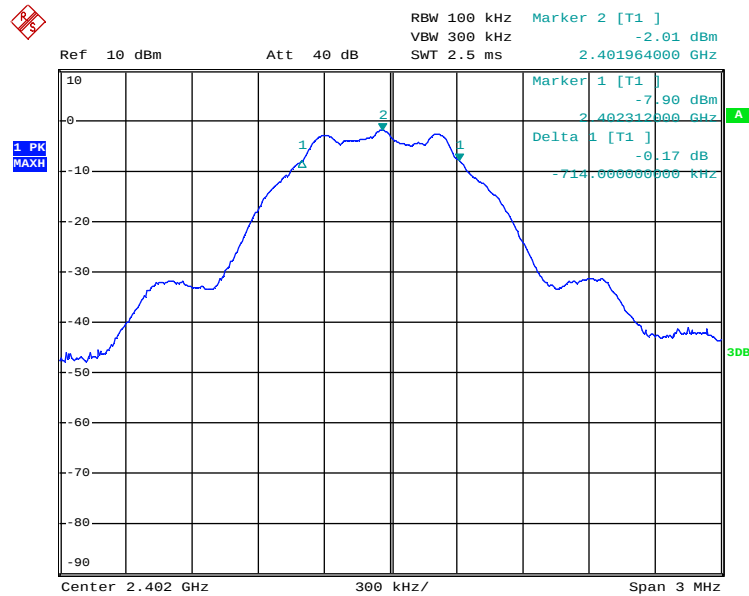


Live Measurement

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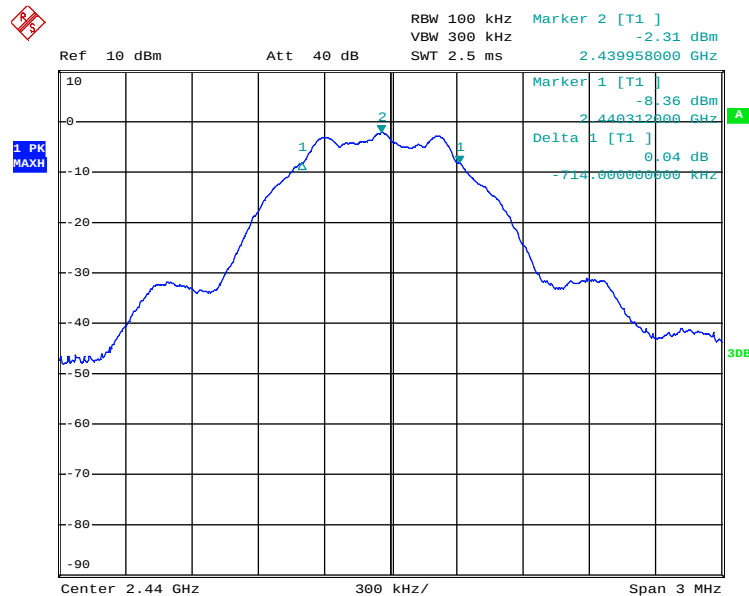
6 dB Bandwidth Measurement

TX frequency: 2402MHz



Date: 12.JUL.2018 09:09:15

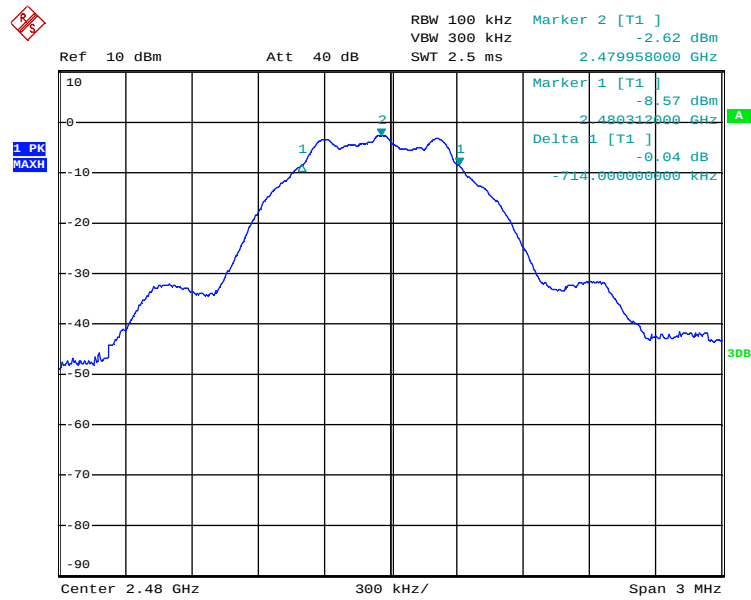
TX frequency: 2440MHz



Date: 12.JUL.2018 09:11:24

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TX frequency: 2480MHz

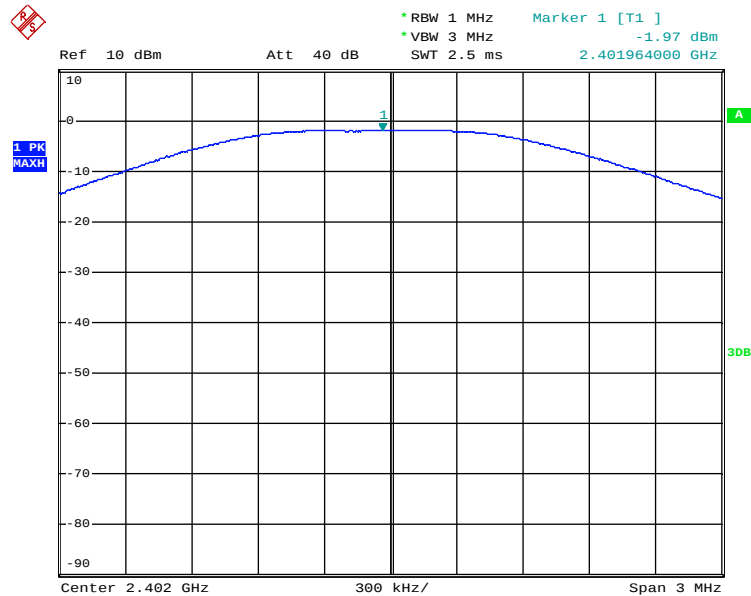


Date: 12.JUL.2018 09:12:27

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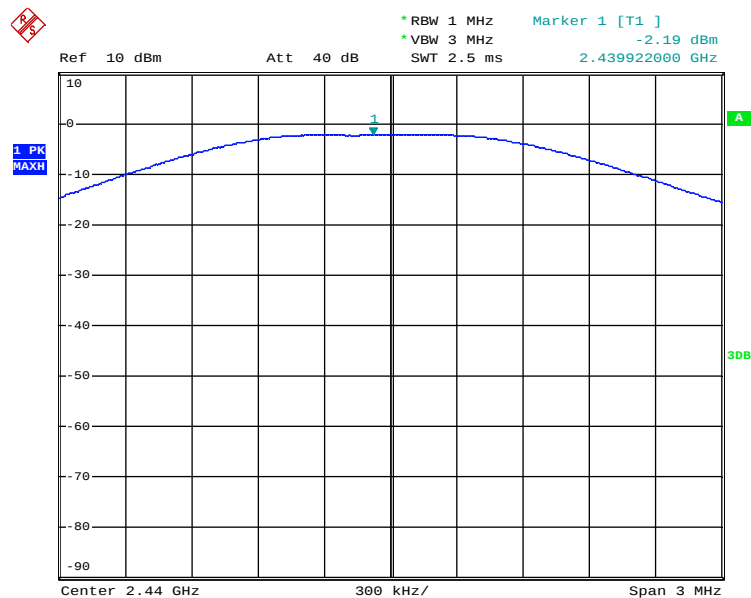
Maximum Peak Conducted Output power

TX frequency: 2402MHz



Date: 12.JUL.2018 09:14:34

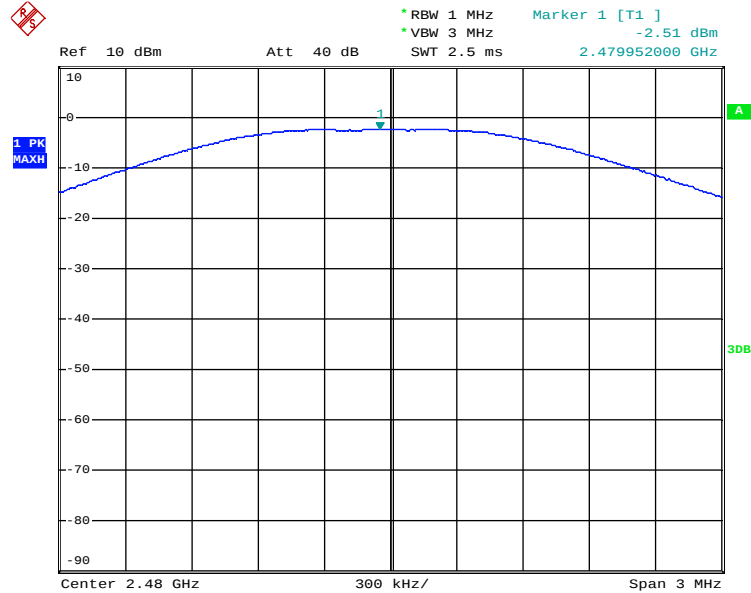
TX frequency: 2440MHz



Date: 12.JUL.2018 09:14:01

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TX frequency: 2480MHz

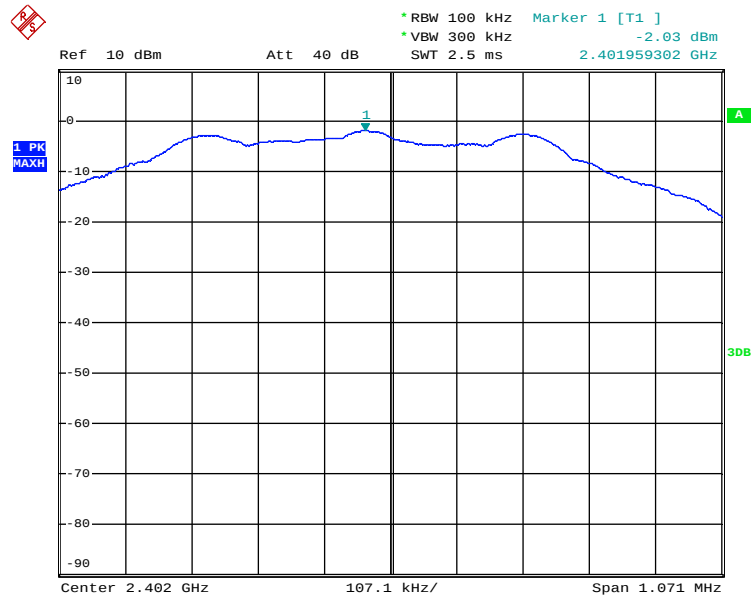


Date: 12.JUL.2018 09:13:28

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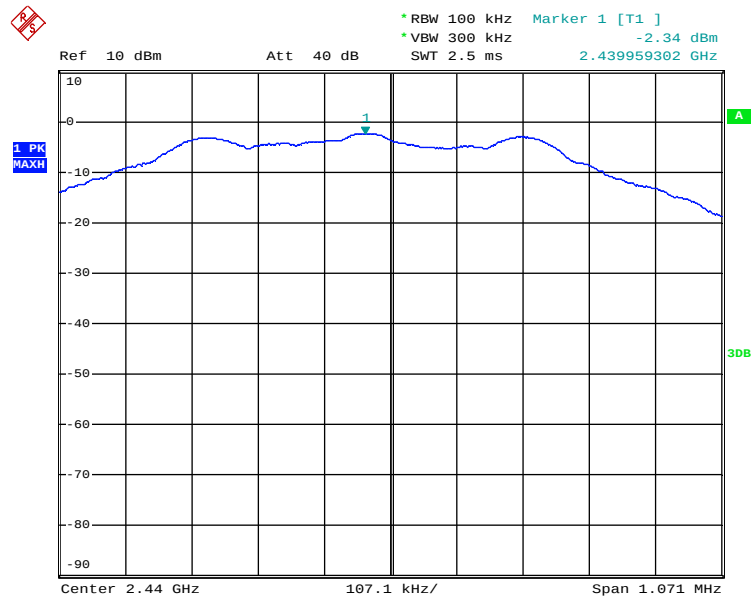
Power Spectral Density

TX frequency: 2402MHz



Date: 12.JUL.2018 09:15:15

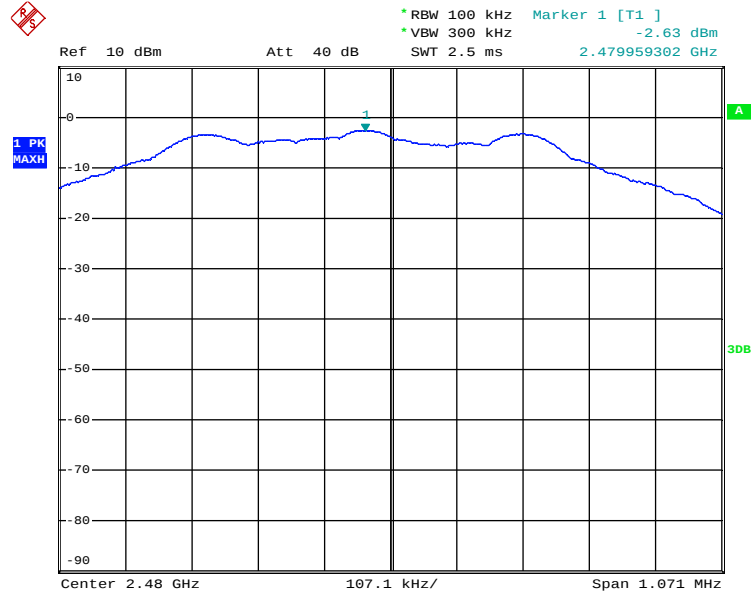
TX frequency: 2440MHz



Date: 12.JUL.2018 09:20:26

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TX frequency: 2480MHz

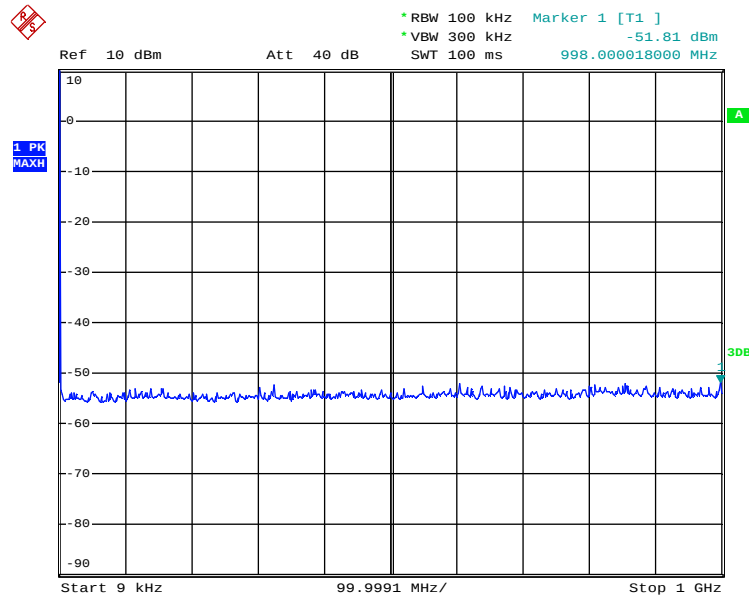


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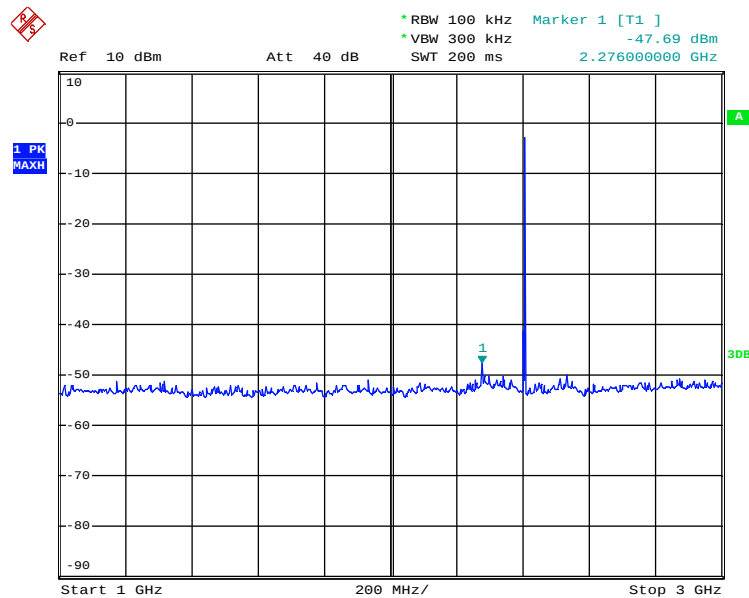
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Spurious Conducted Emissions

TX frequency: 2402MHz

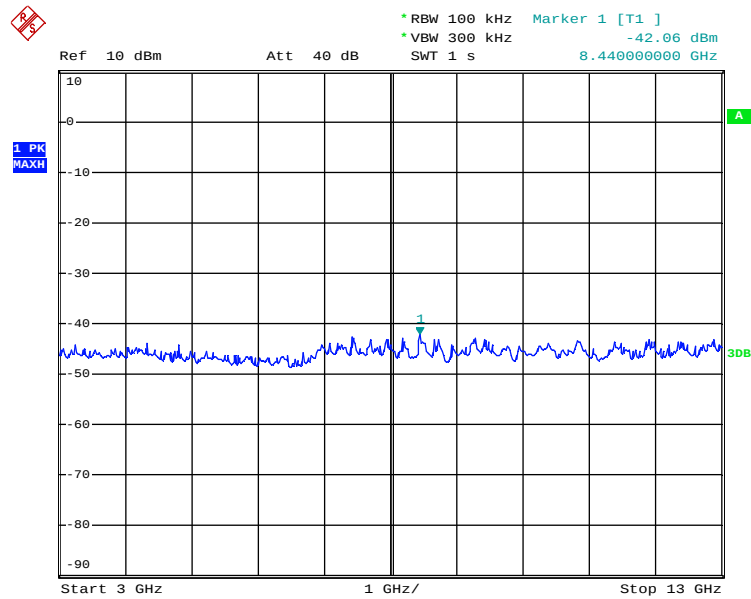


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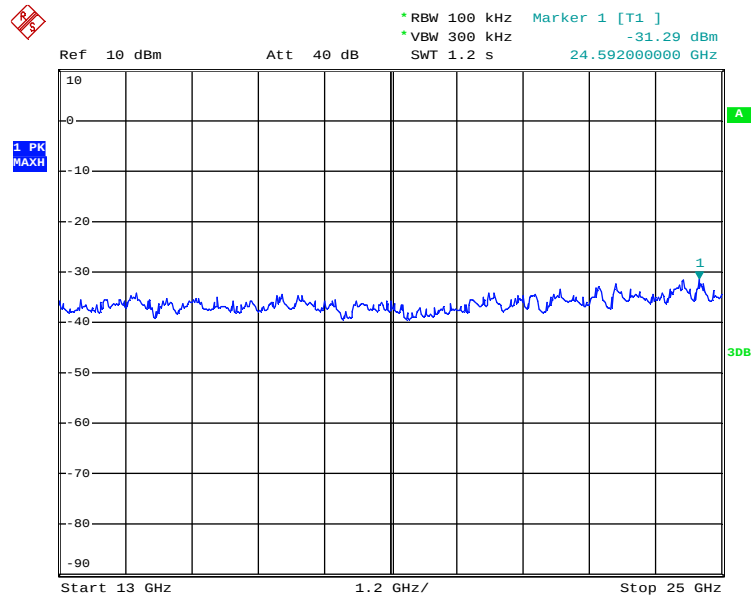


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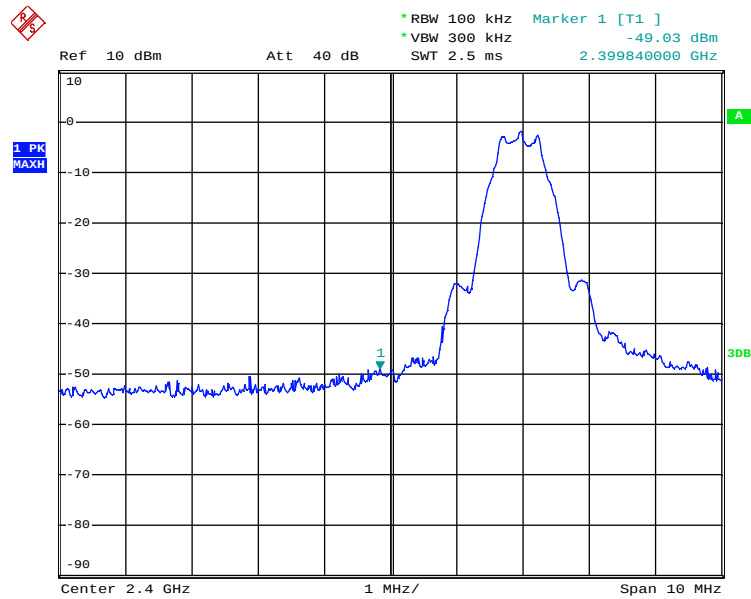


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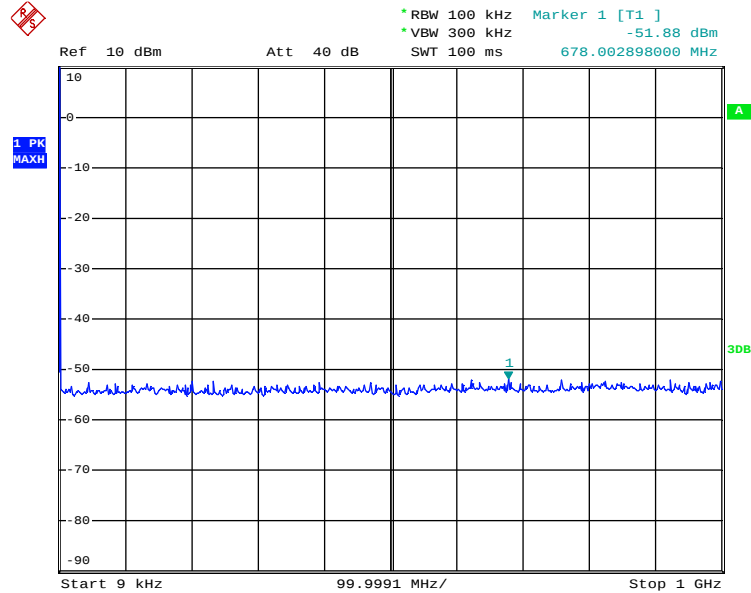
www.tuv.com



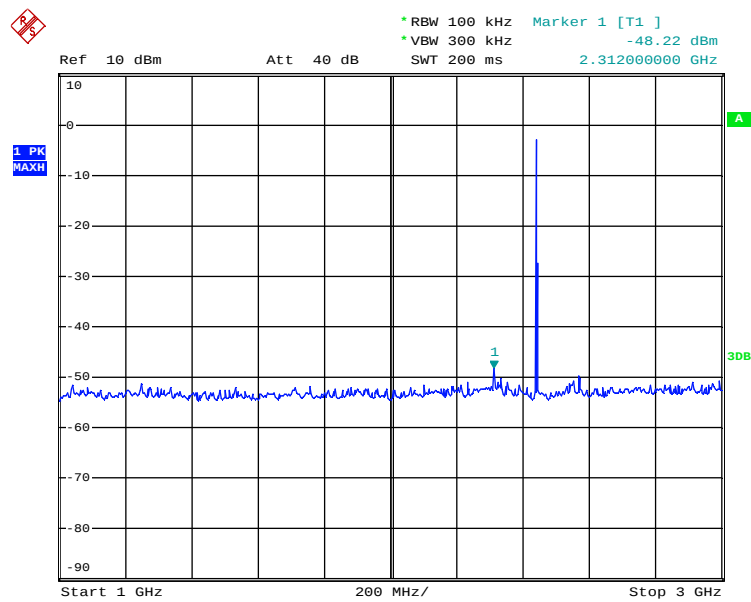
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TX frequency: 2440MHz

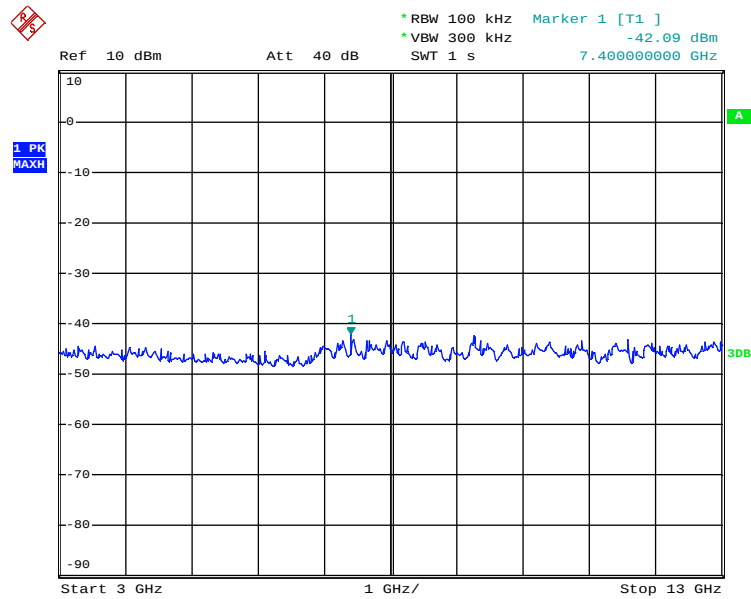


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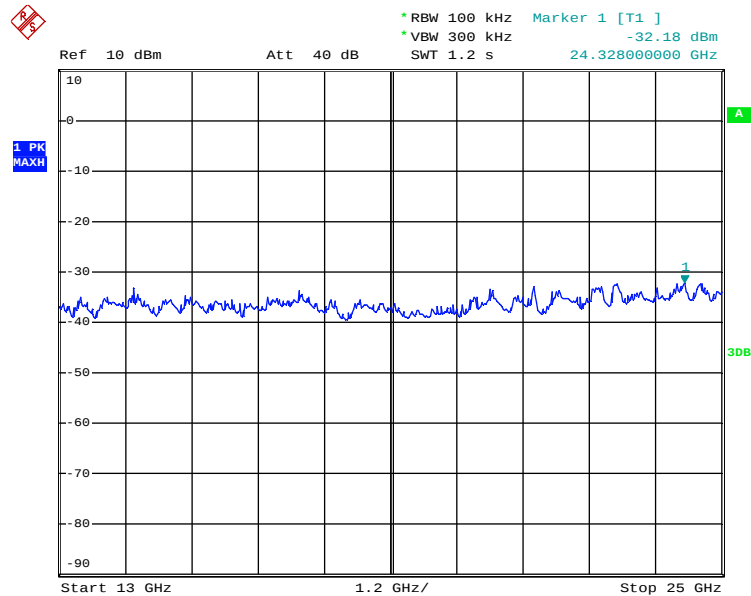


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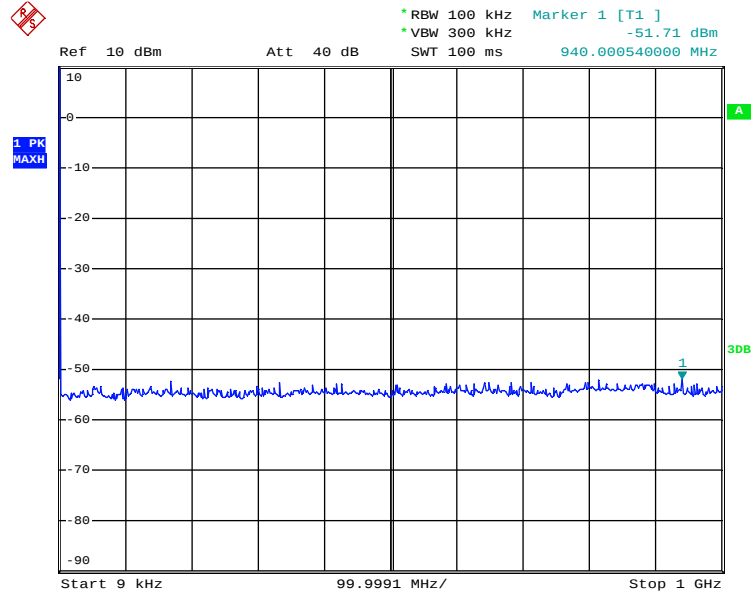
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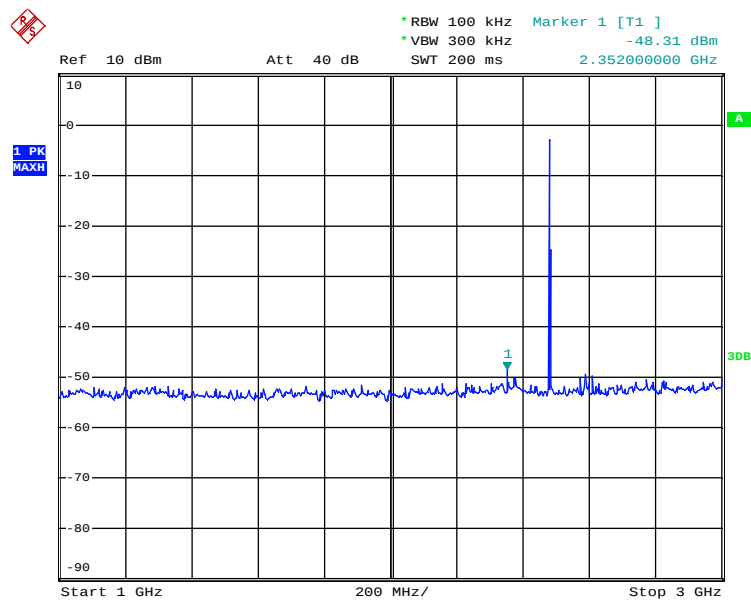
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TX frequency: 2480MHz

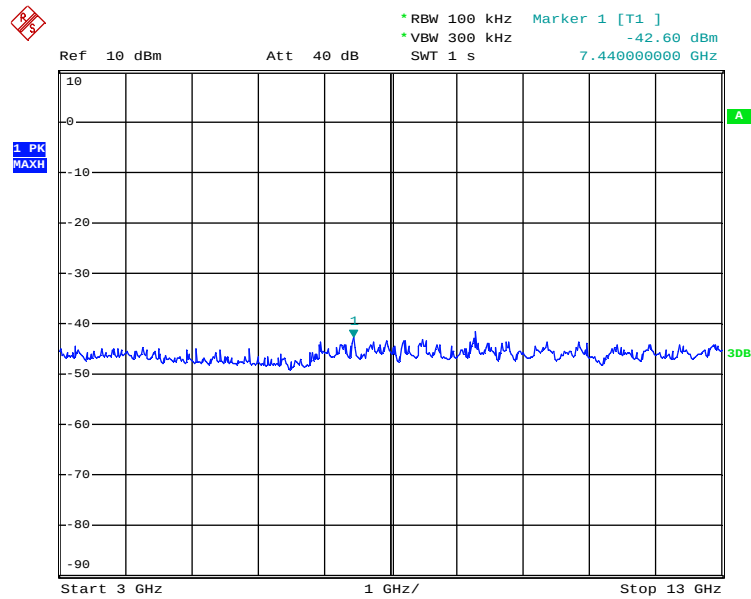


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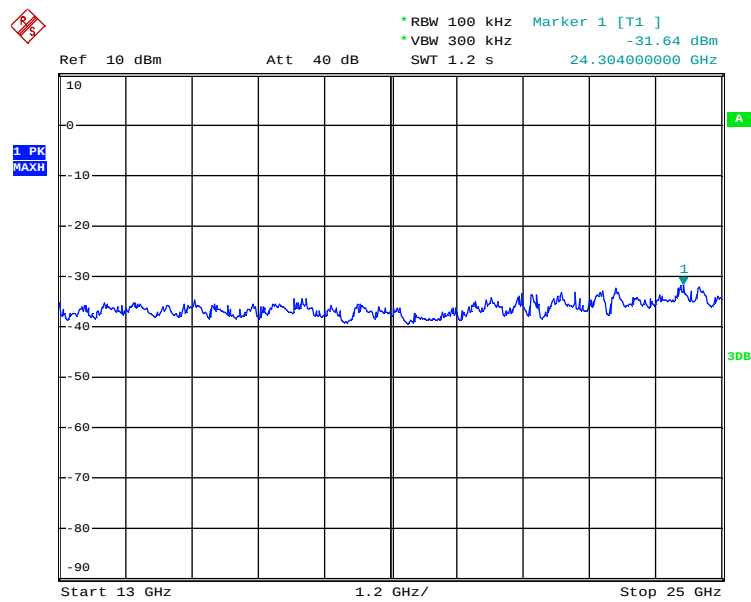


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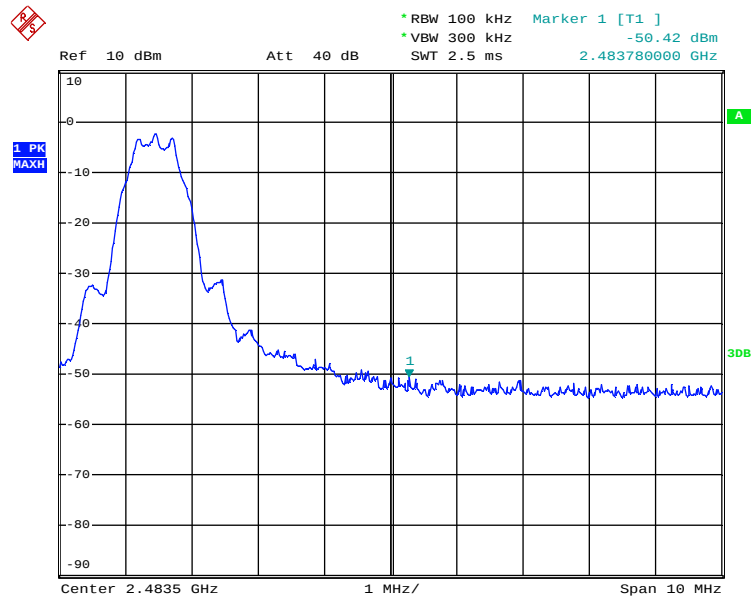


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Date: 12.JUL.2018 09:25:29

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Date: 12.JUL.2018 09:26:31