

Appendix 1

Test Results

AC Mains Conducted Emission

Mode: TX mode; Line: L1

CONDUCTED EMISSIONS

File no. TUV090719B01
Equipment under Test EQUISENSE MOTION S BLE MOTION SENSOR A000930150
Height/Range L
Standard FCC PART 15
Operator JACK

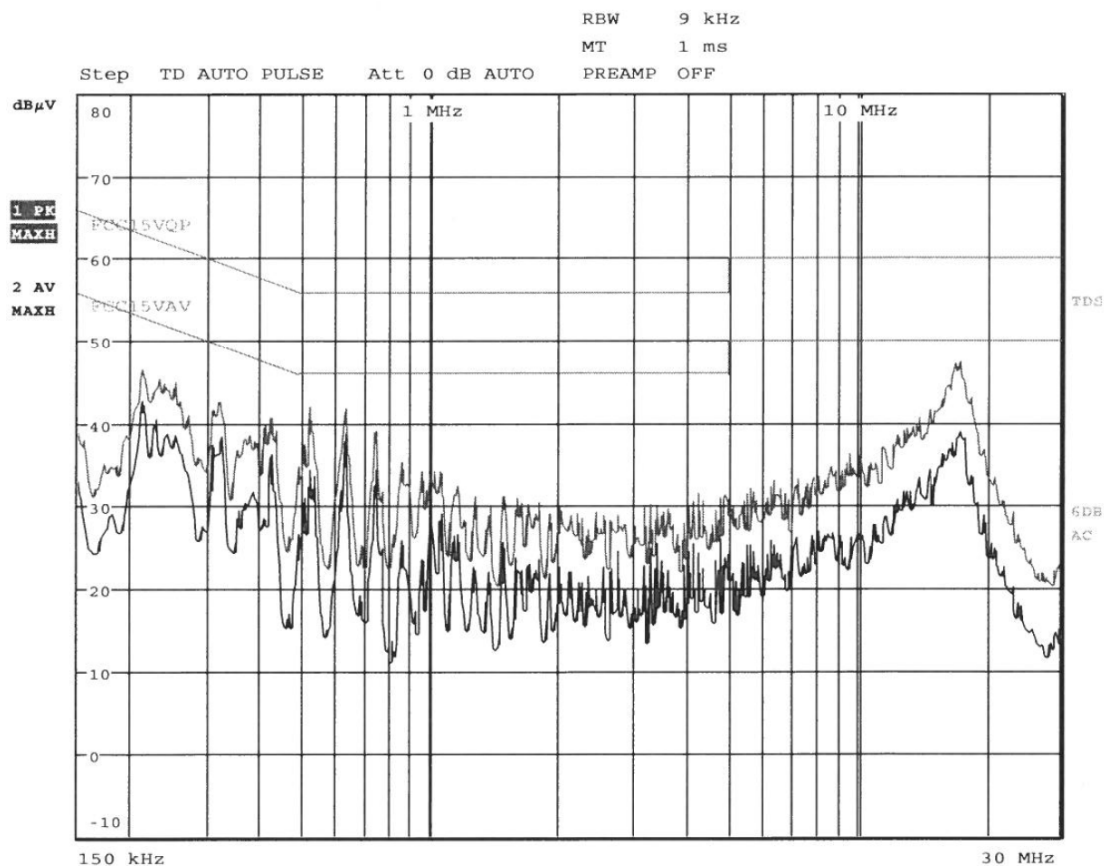
OPERATION MODE

BLUETOOTH CONNECTED MODE

Time Domain 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	2.25 kHz	9.00 kHz	1 ms	Auto	0 dB INPUT2



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Mode: TX mode; Line: N

CONDUCTED EMISSIONS

File no. TUV090719B02
 Equipment under Test EQUISENSE MOTION S BLE MOTION SENSOR A000930150
 Height/Range N
 Standard FCC PART 15
 Operator JACK

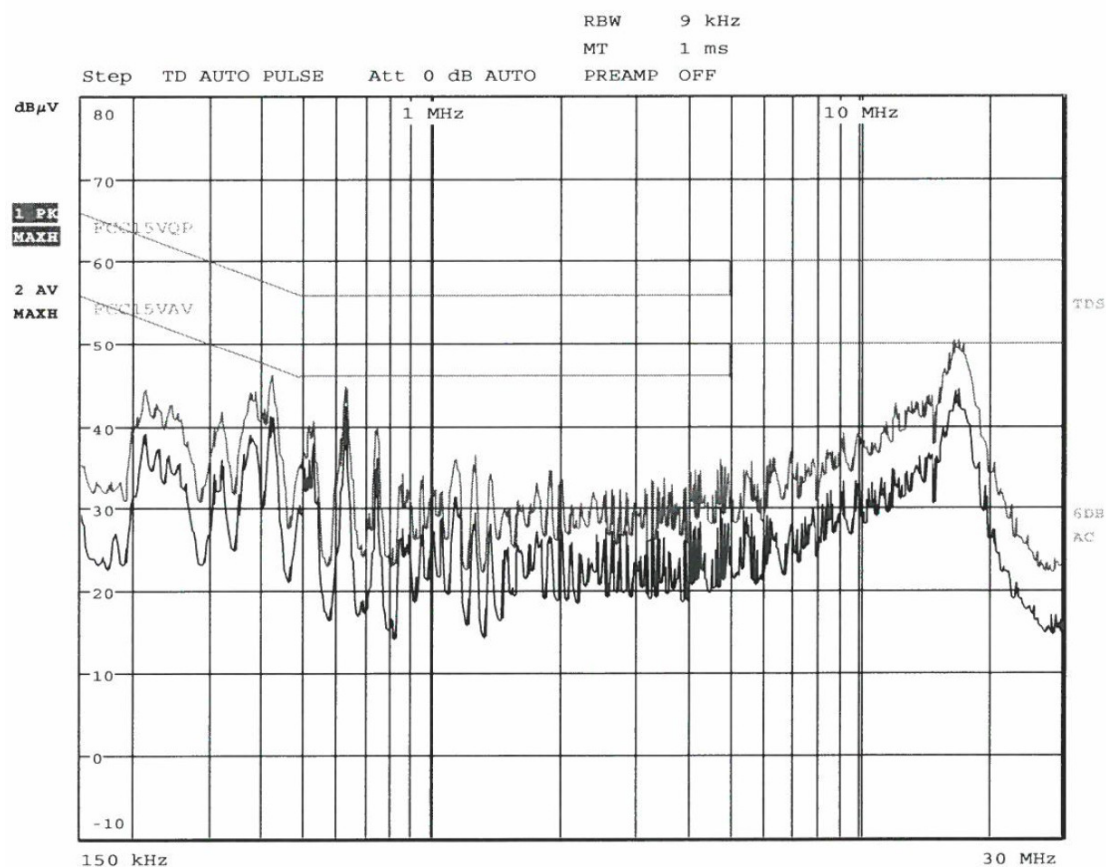
OPERATION MODE

BLUETOOTH CONNECTED MODE

Time Domain Scan (1 Range)

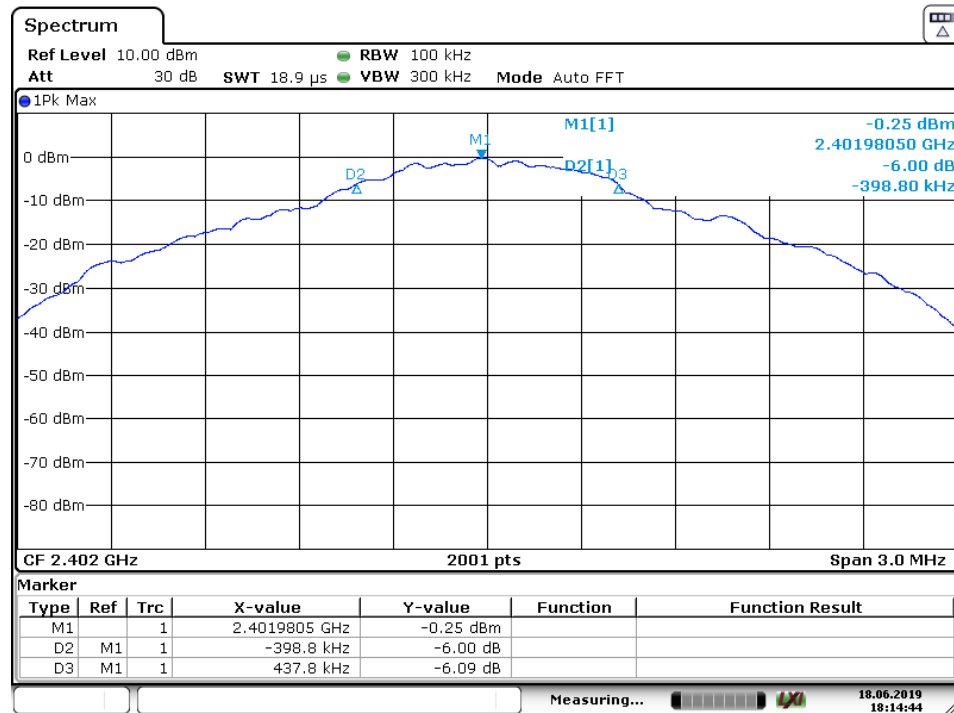
Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: CON_EMI

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	1 ms	Auto	0 dB INPUT2



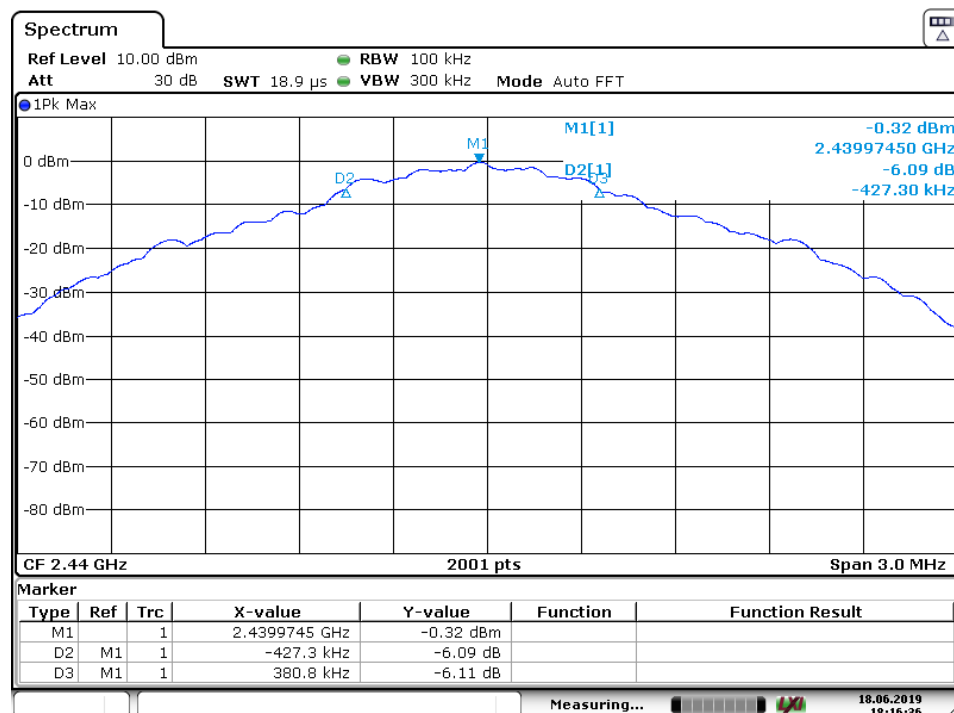
6 dB Bandwidth Measurement

TX frequency: 2402MHz



Date: 18.JUN.2019 18:14:44

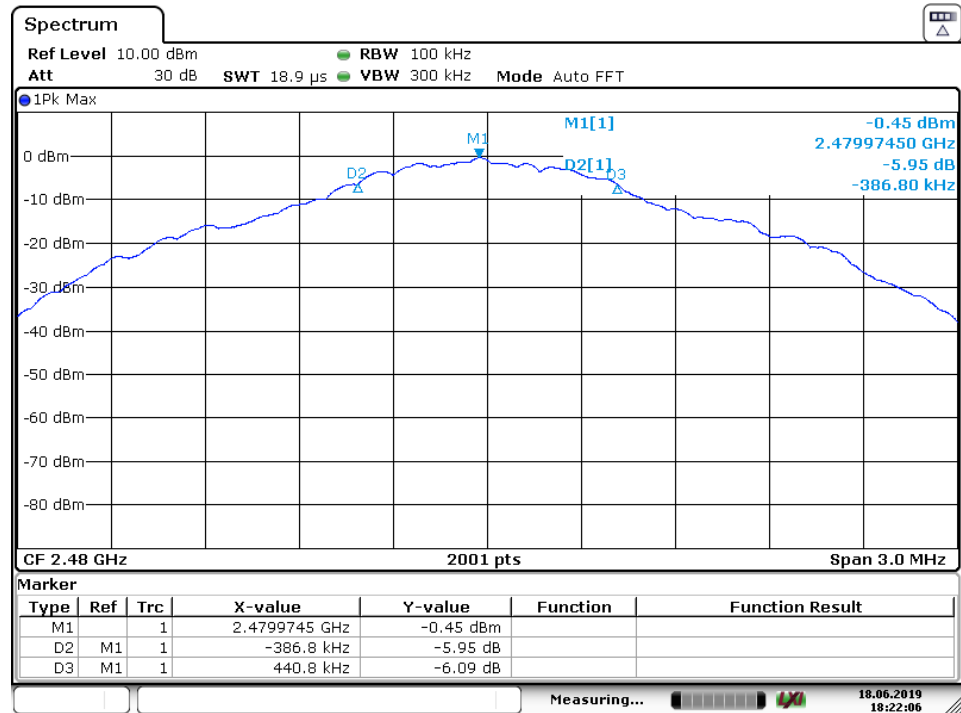
TX frequency: 2440MHz



Date: 18.JUN.2019 18:16:36

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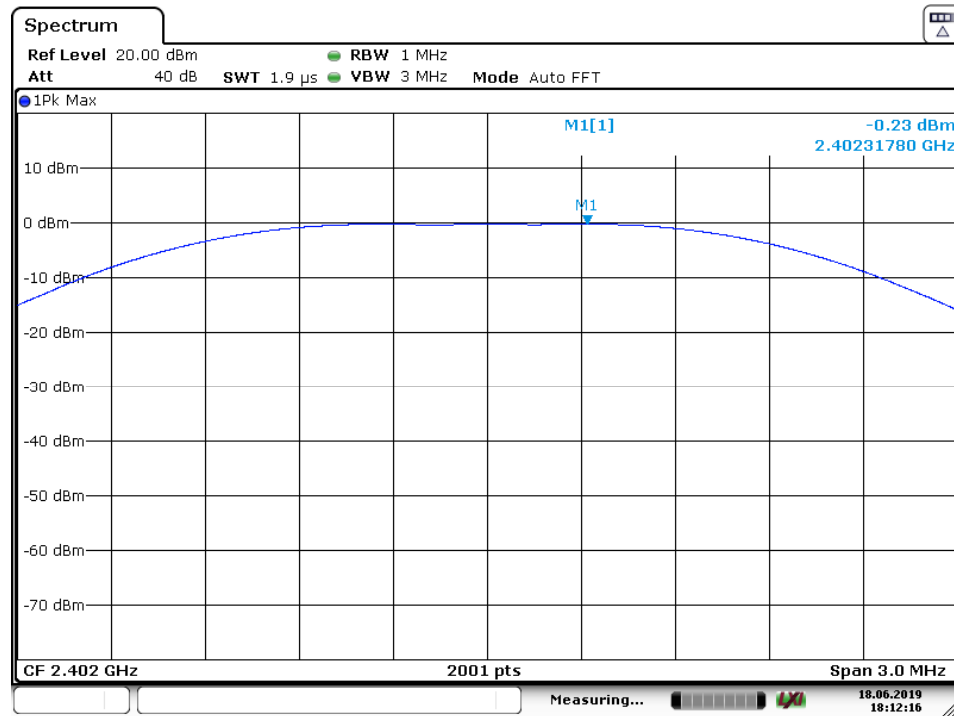
TX frequency: 2480MHz



Date: 18. JUN. 2019 18:22:06

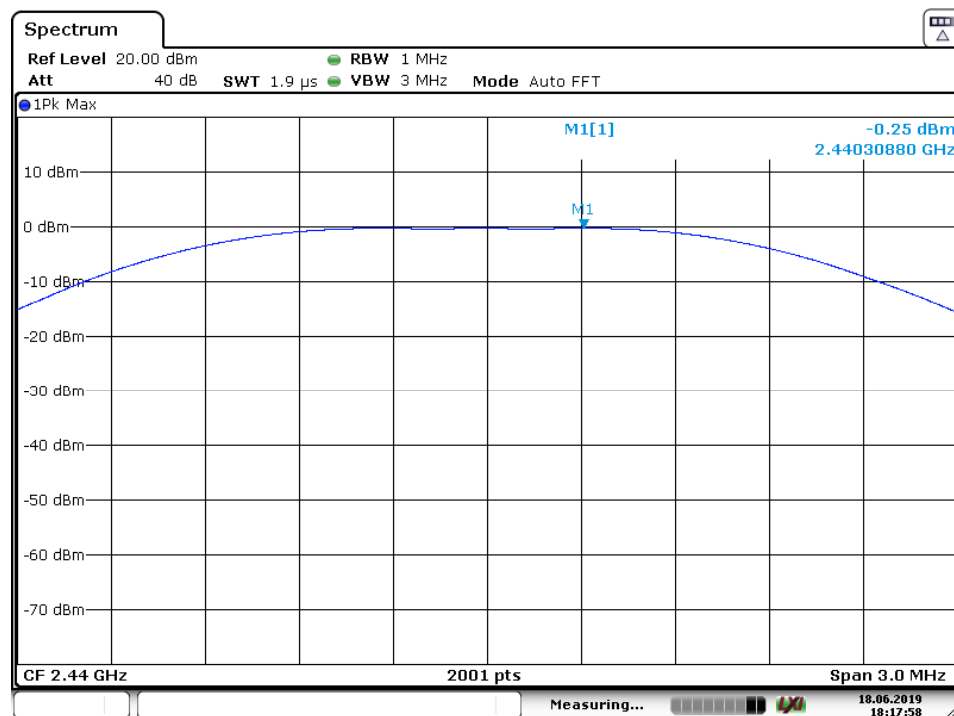
Maximum Peak Conducted Output power

TX frequency: 2402MHz



Date: 18. JUN. 2019 18:12:16

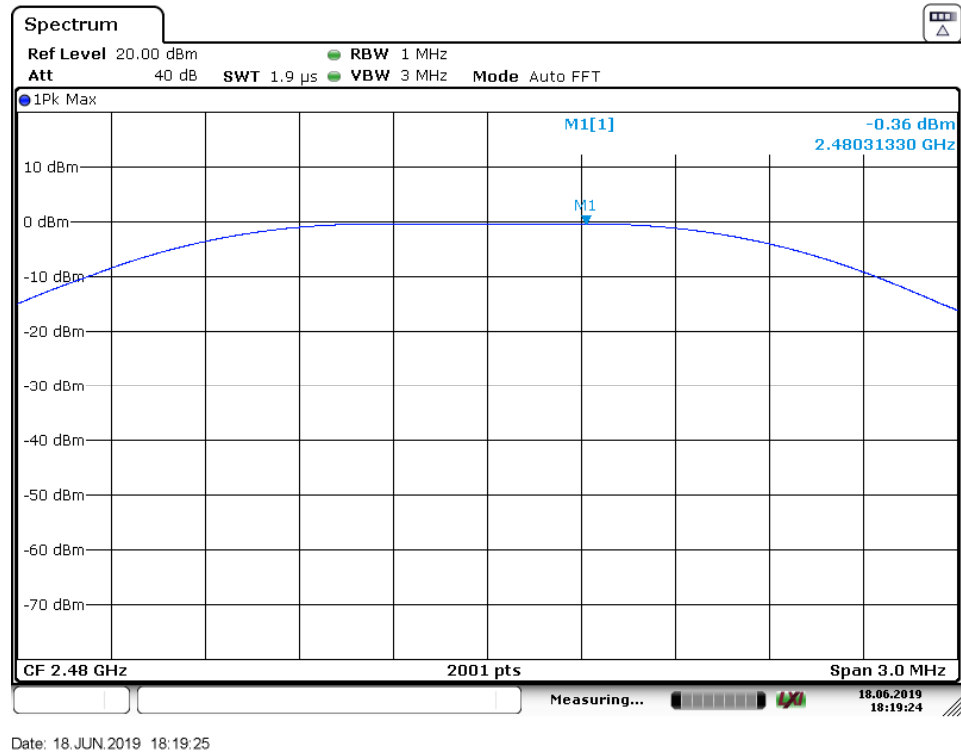
TX frequency: 2440MHz



Date: 18. JUN. 2019 18:17:59

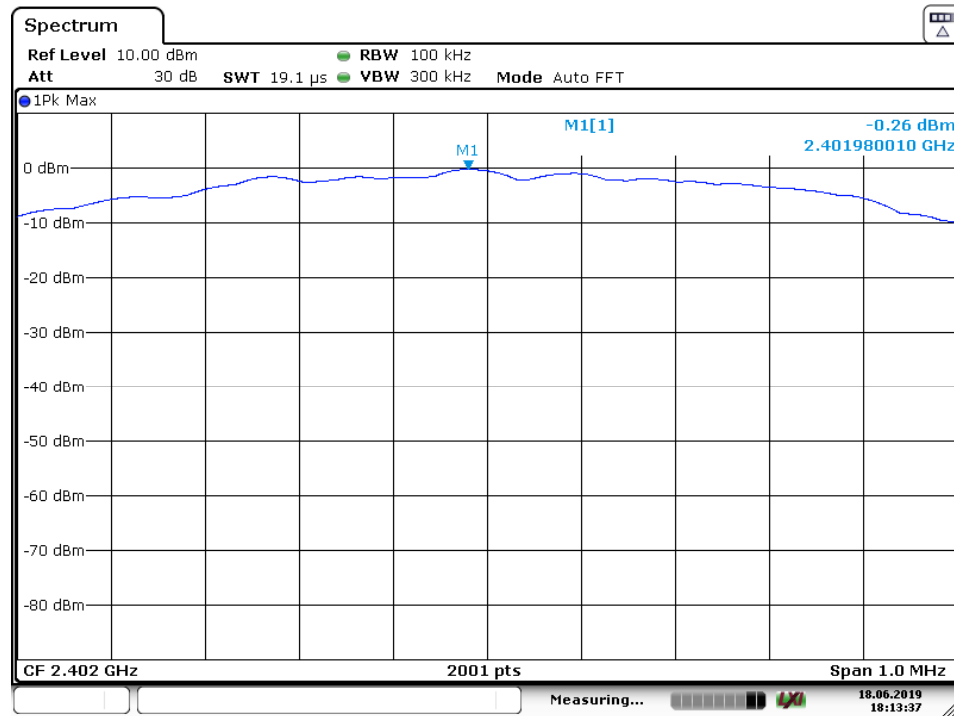
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TX frequency: 2480MHz



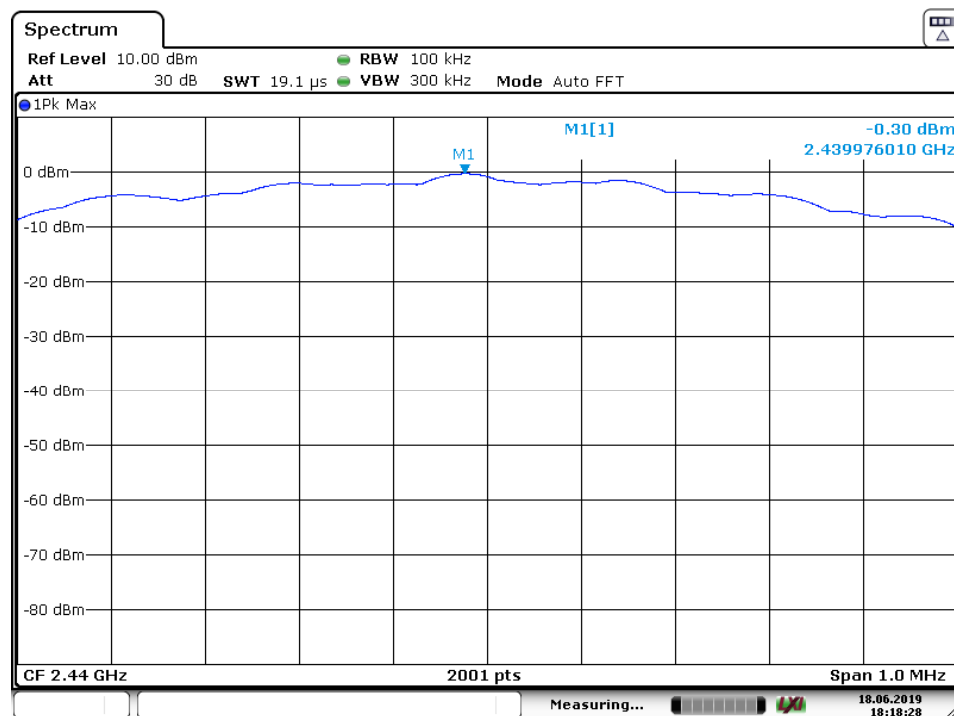
Power Spectral Density

TX frequency: 2402MHz



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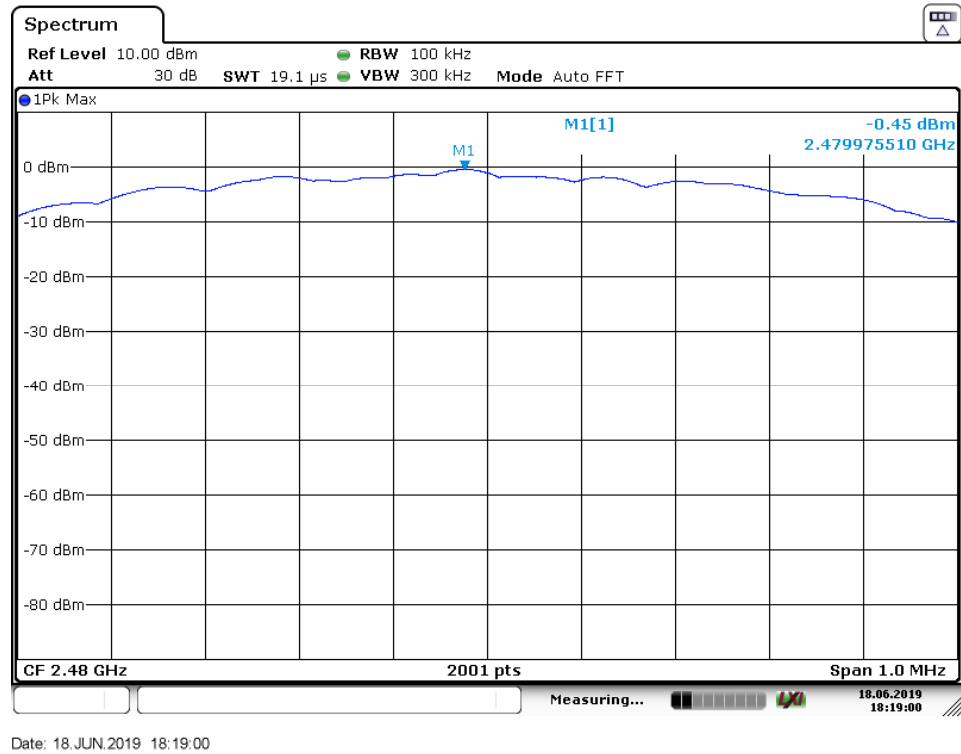
TX frequency: 2440MHz



Date: 18.JUN.2019 18:18:28

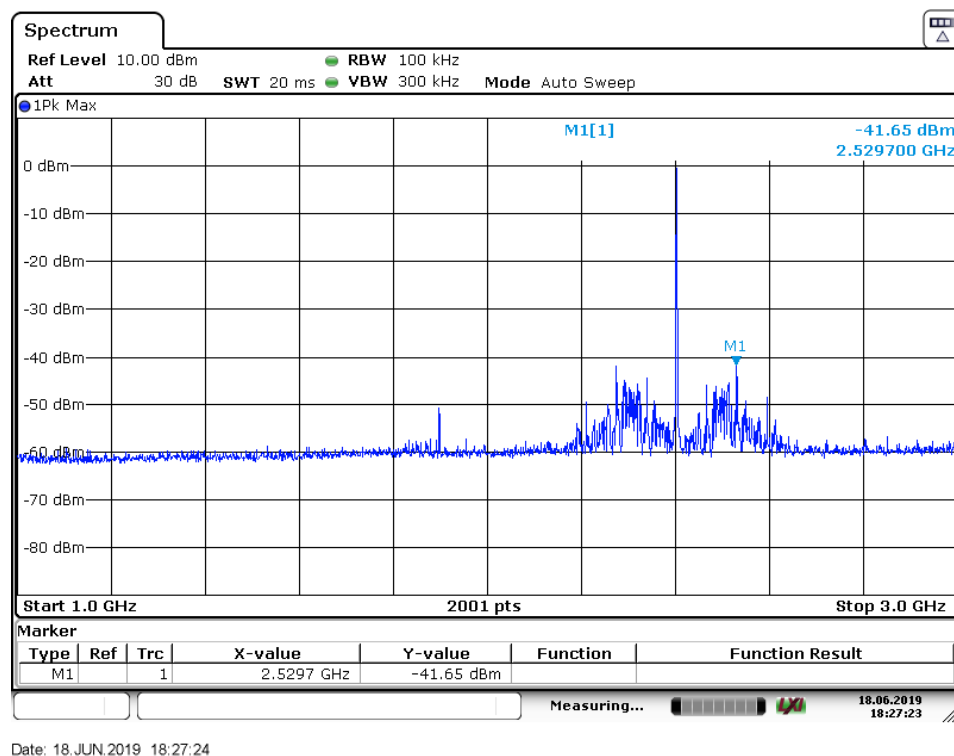
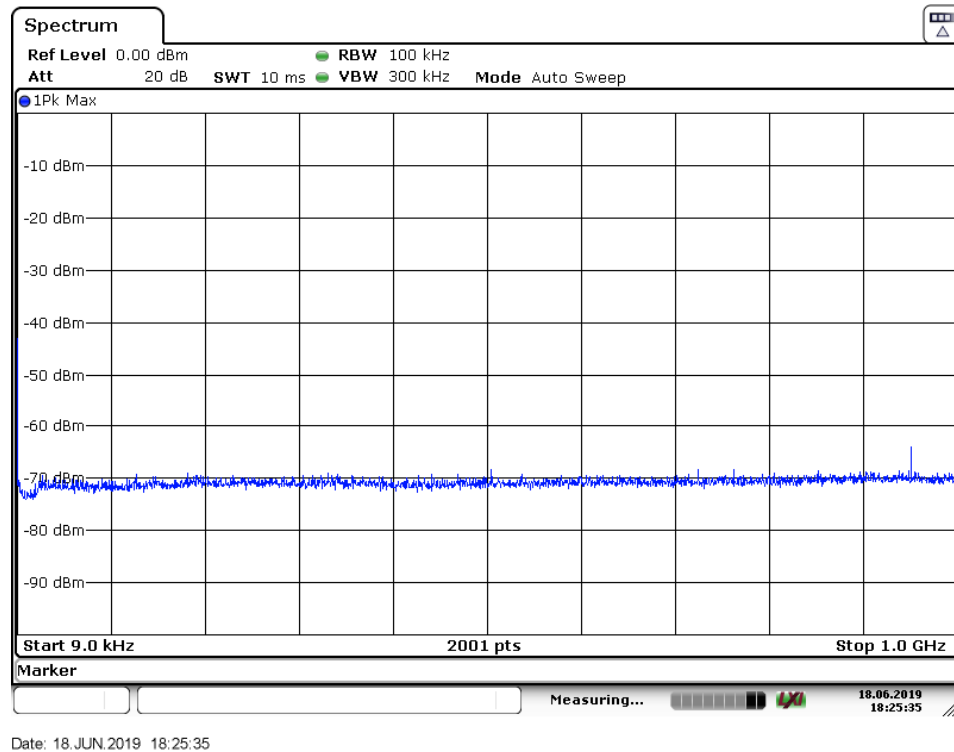
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TX frequency: 2480MHz

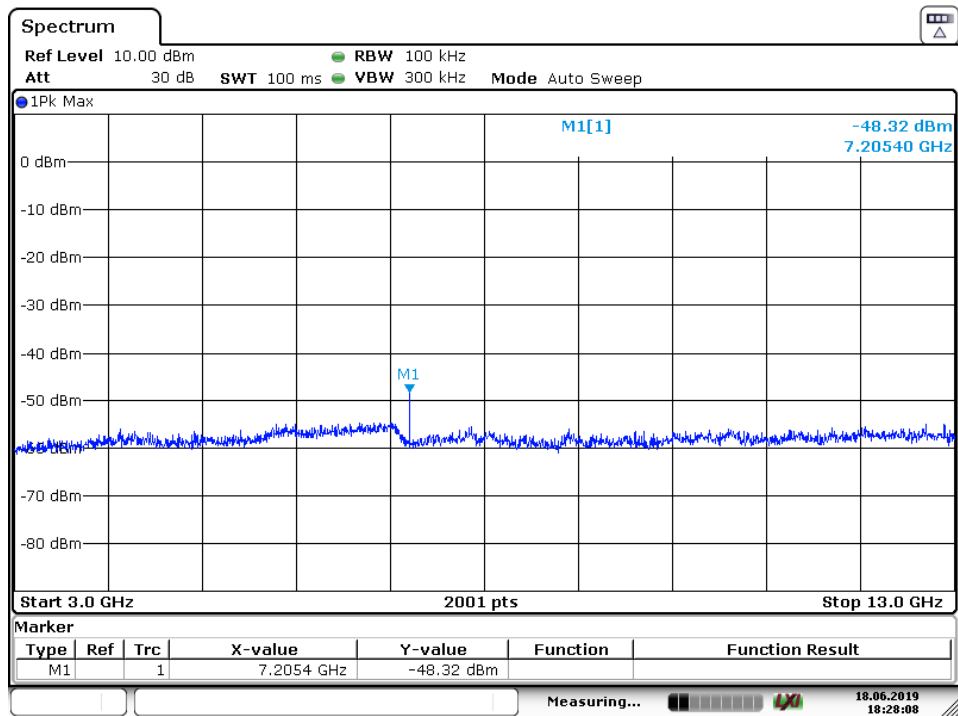


Spurious Conducted Emissions

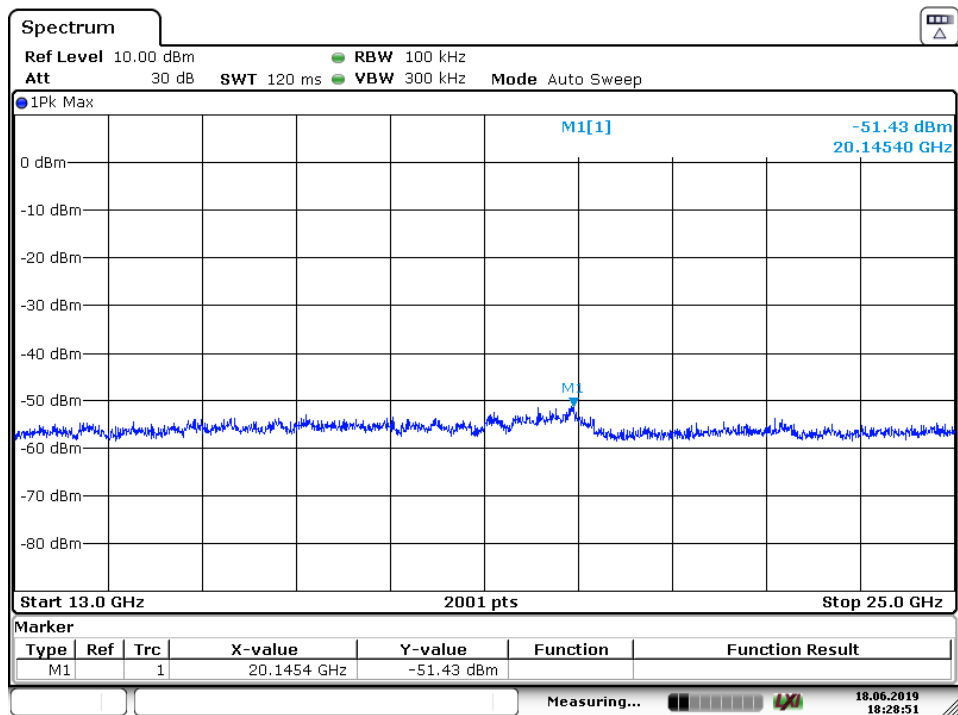
TX frequency: 2402MHz



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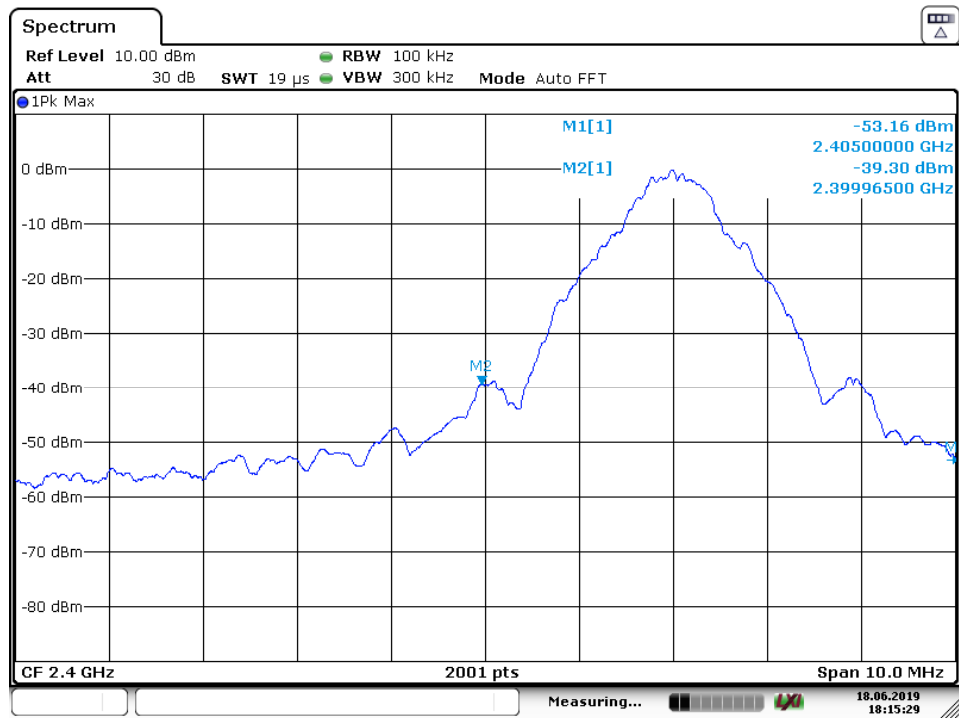


Date: 18. JUN. 2019 18:28:08



Date: 18. JUN. 2019 18:28:51

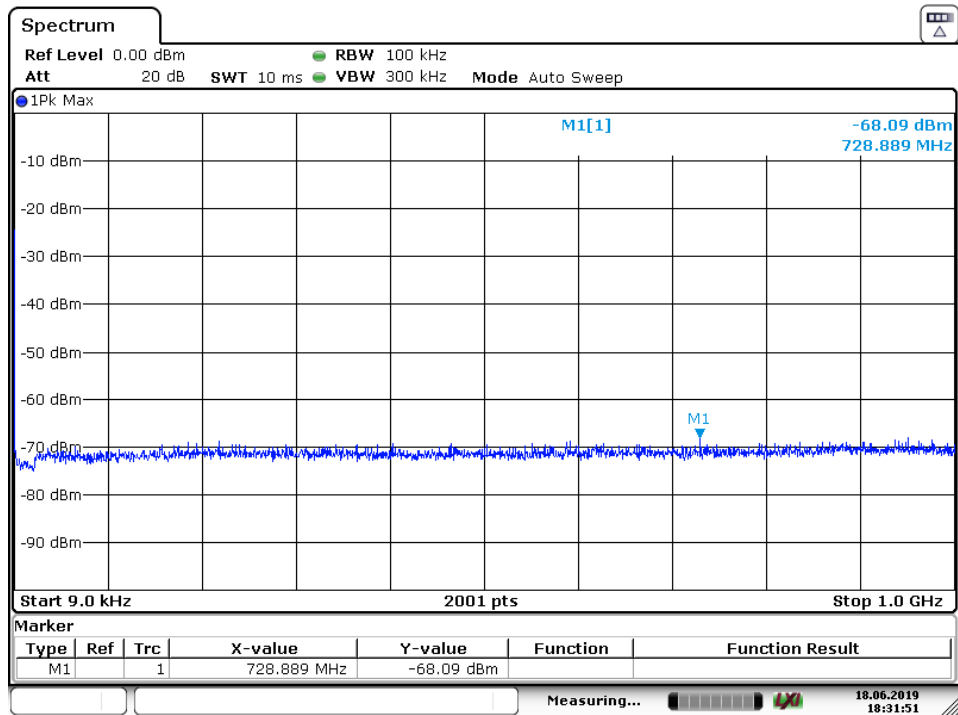
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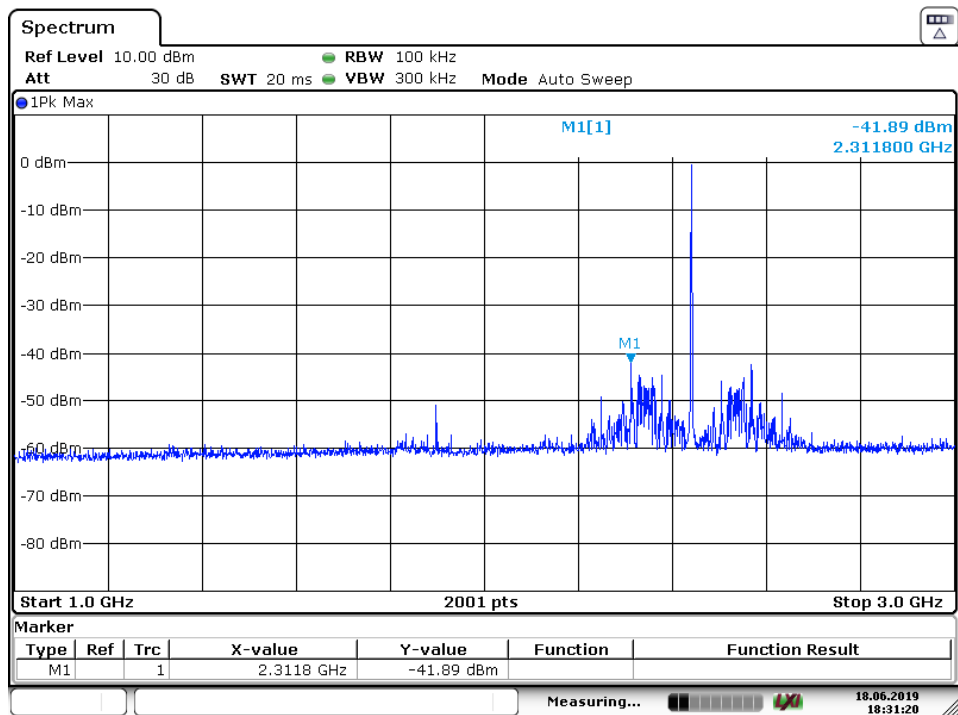
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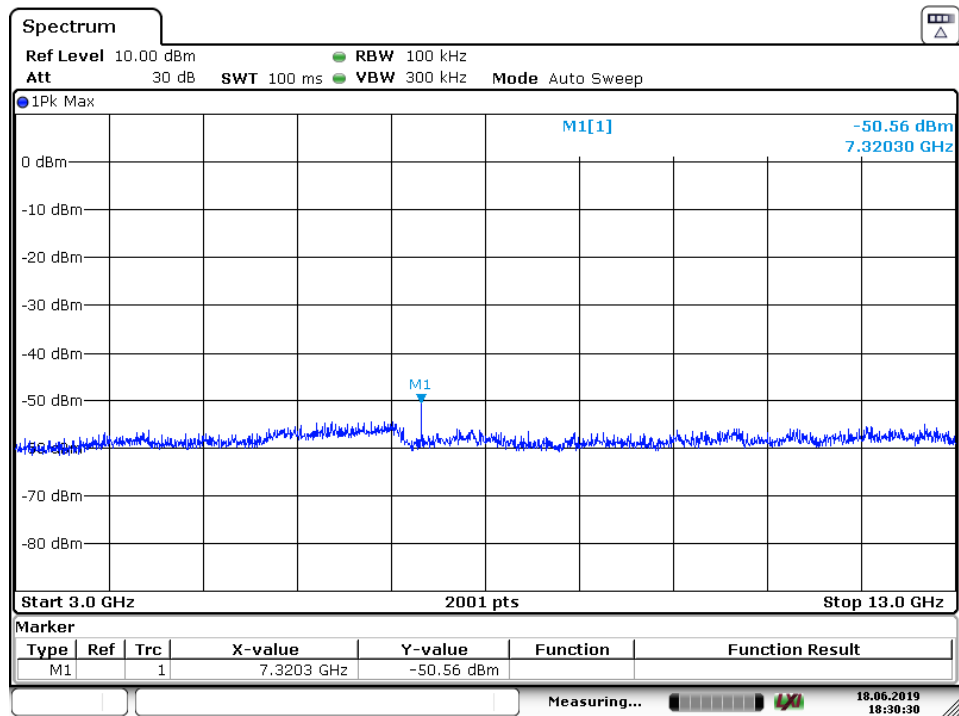
TX frequency: 2440MHz



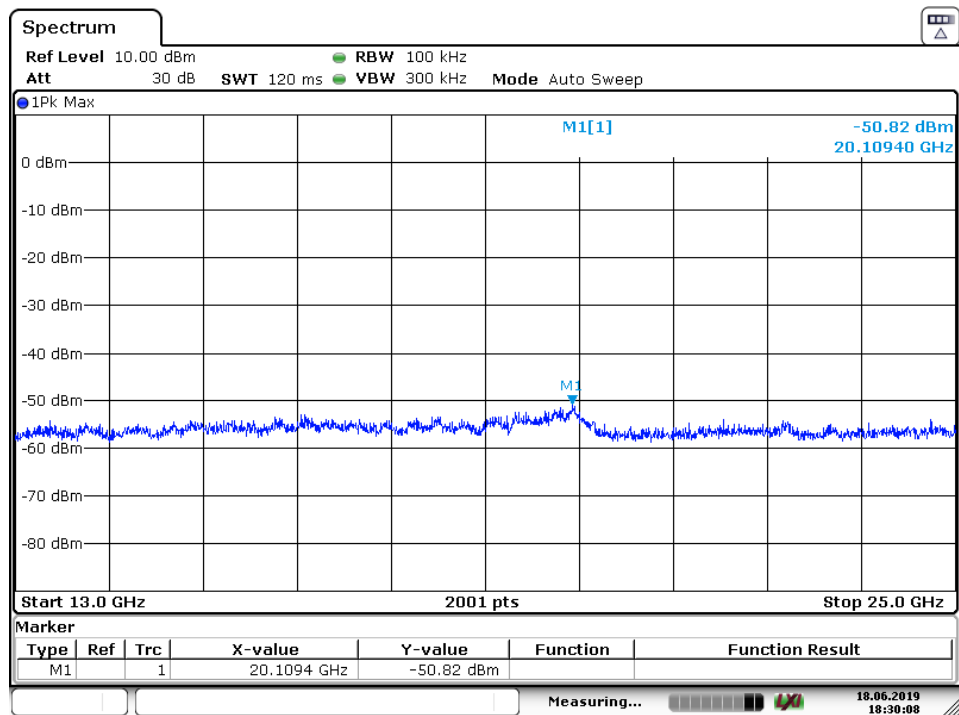
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Date: 18. JUN.2019 18:31:21



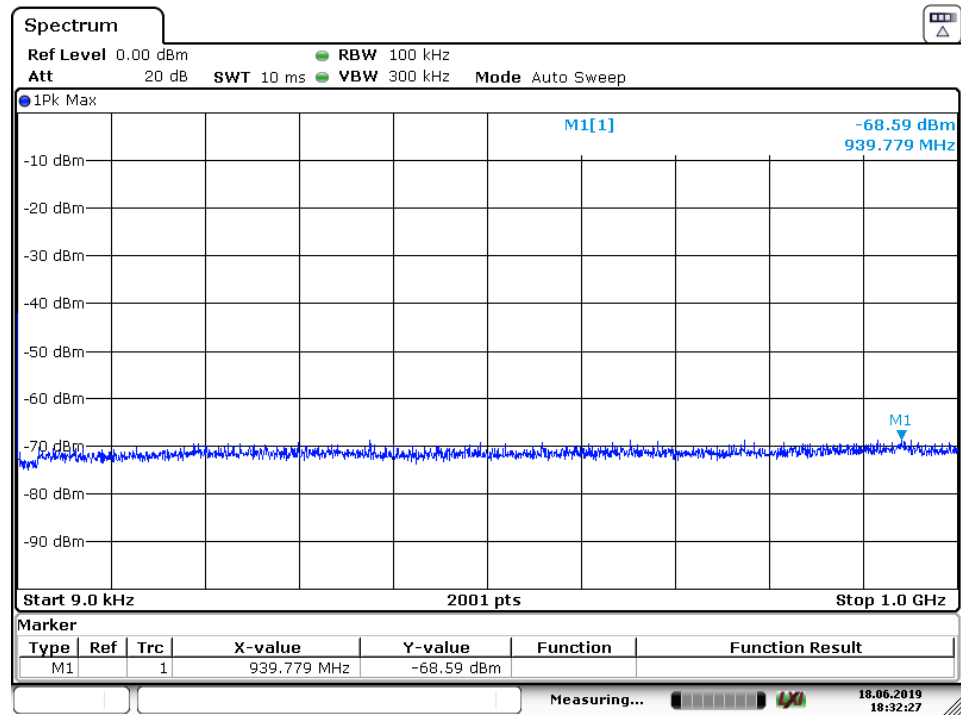
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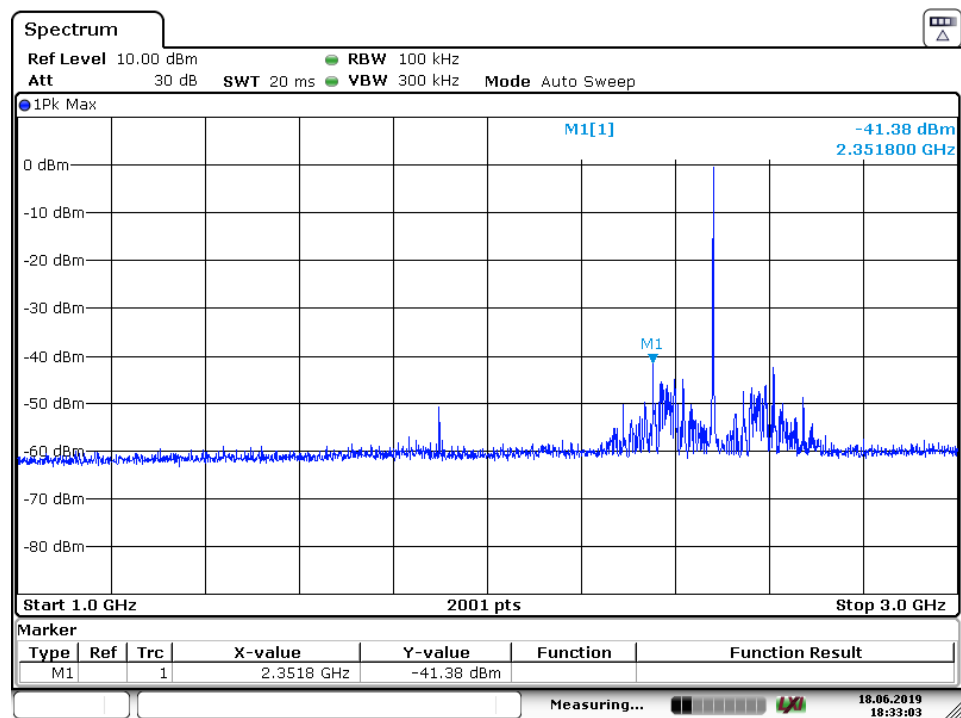
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TX frequency: 2480MHz

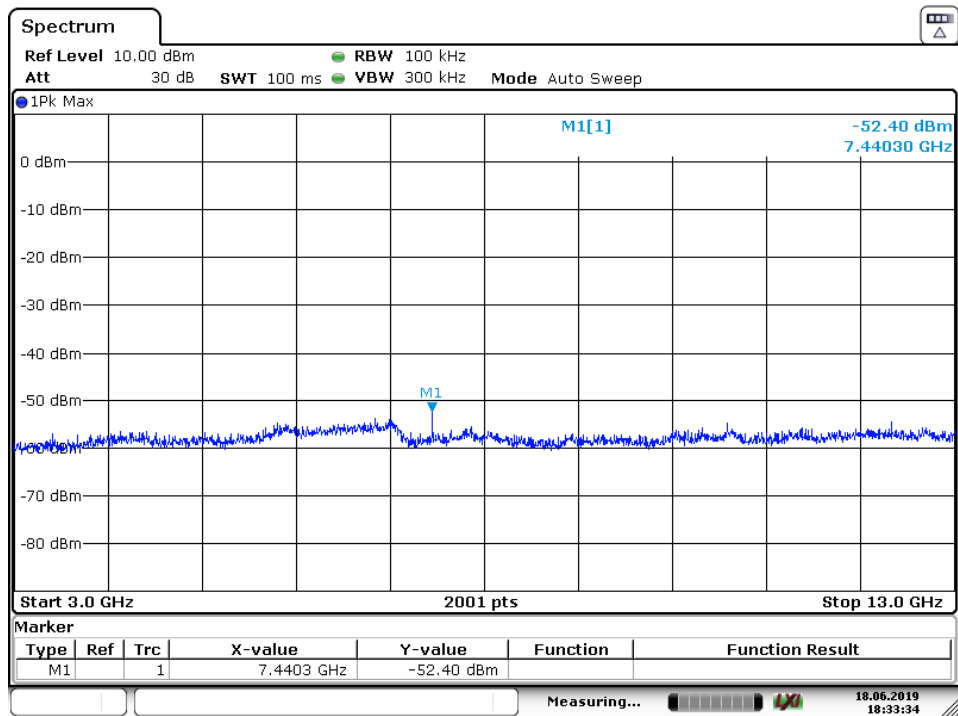


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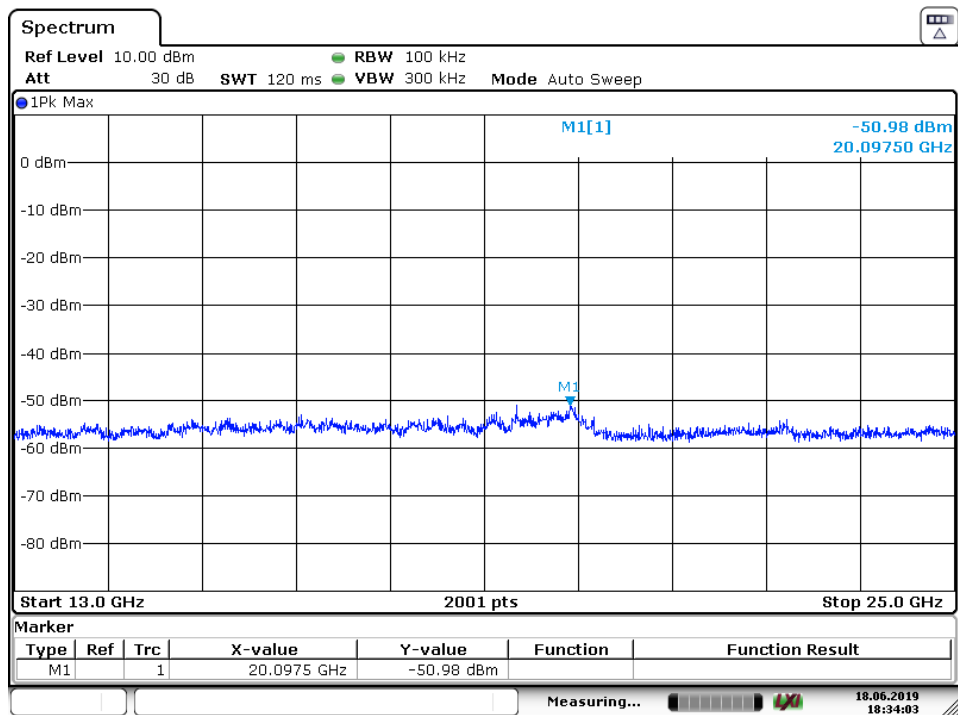


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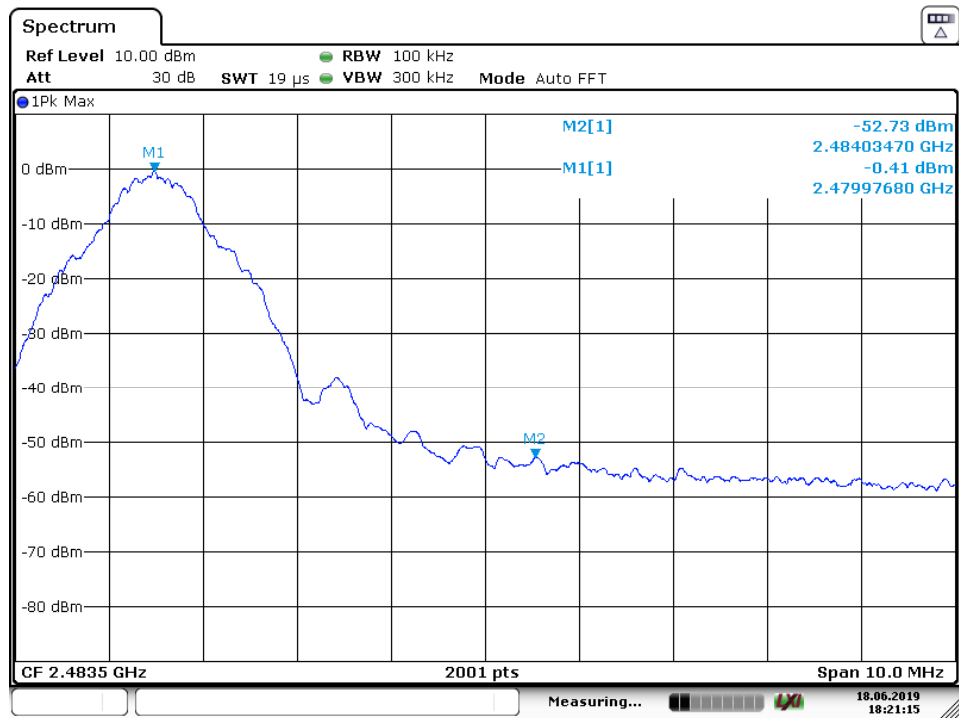


Date: 18. JUN. 2019 18:33:35



Date: 18. JUN. 2019 18:34:03

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Date: 18. JUN. 2019 18:21:15