

# Appendix 1

## Test Results

## Disturbance voltage on AC mains

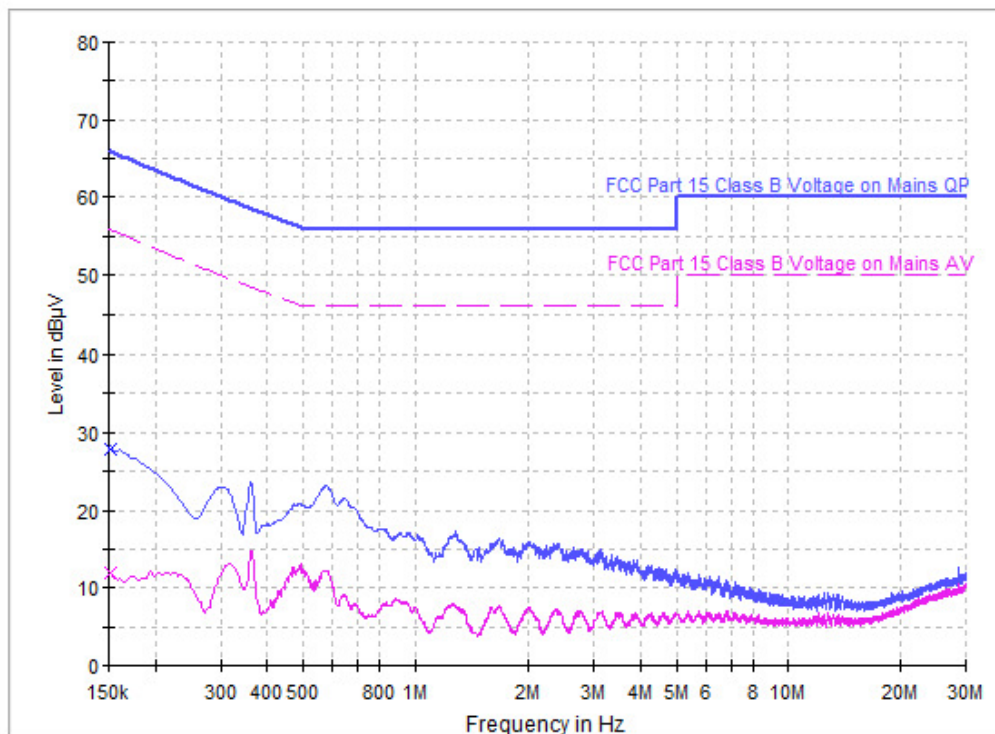
TUV Rheinland Hong Kong Ltd. - EMC Laboratory



### EUT Information

Client / EUT:	Feibit Zigbee module
Model no. / Sample no.:	FZB5610 (A000229531-001 to 002)
Test standard:	FCC Part 15
Operating conditions:	Tx mode: 2445 MHz
Operator:	Pang
Test voltage / frequency:	110V 60Hz
Line / lead:	L1

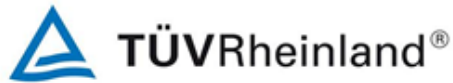
Conducted Emission (150 kHz - 30 MHz)



### Result Table Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.152250	27.8	12.0

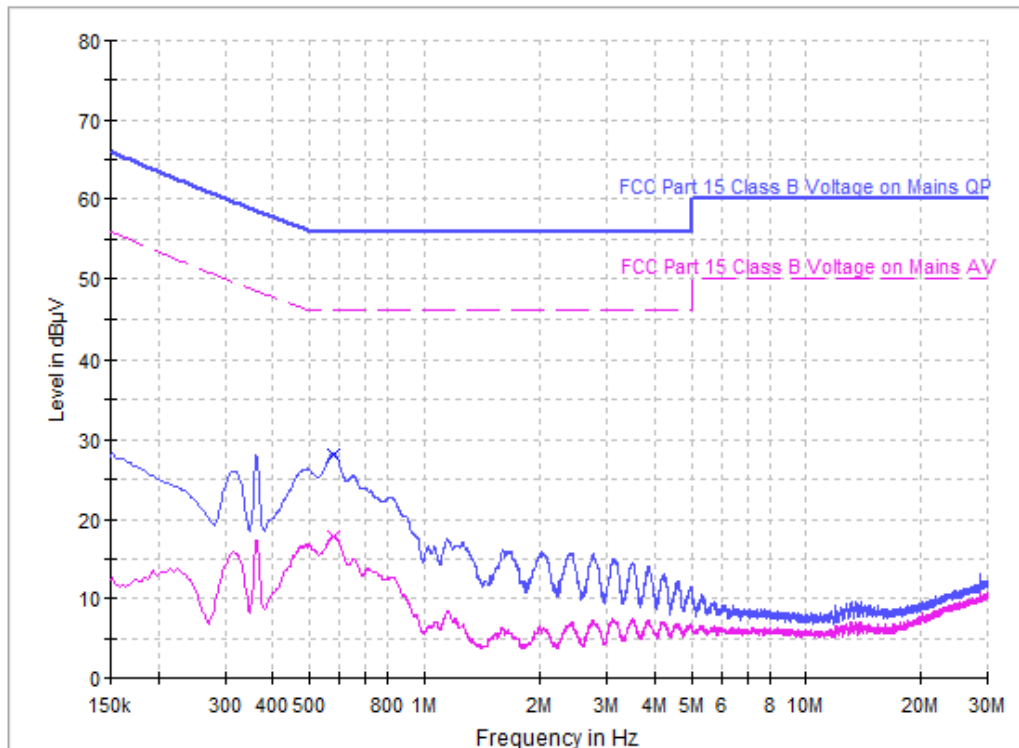
TÜV Rheinland Hong Kong Ltd. - EMC Laboratory



### EUT Information

Client / EUT:	Feibit Zigbee module
Model no. / Sample no.:	FZB5610 (A000229531-001 to 002)
Test standard:	FCC Part 15
Operating conditions:	Tx mode: 2445 MHz
Operator:	Pang
Test voltage / frequency:	110V 60Hz
Line / lead:	N

Conducted Emission (150 kHz - 30 MHz)

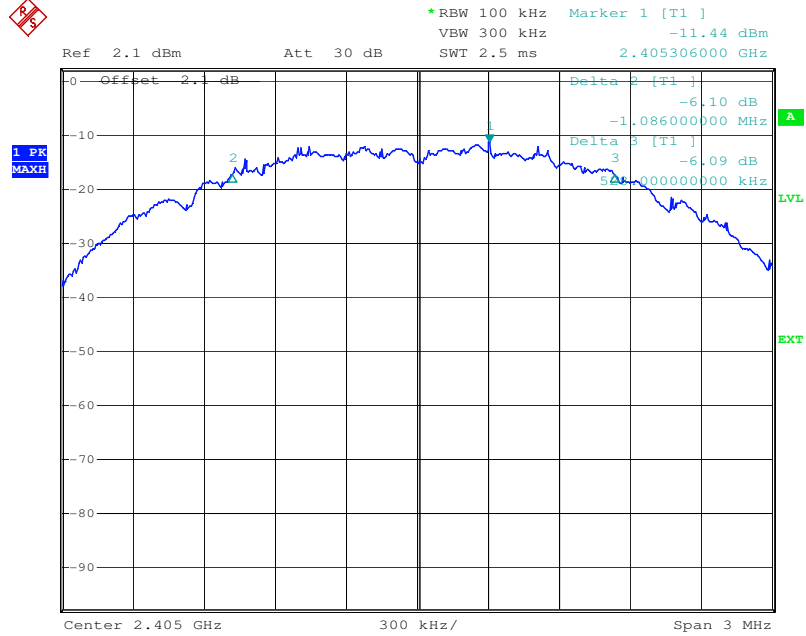


### Result Table Single

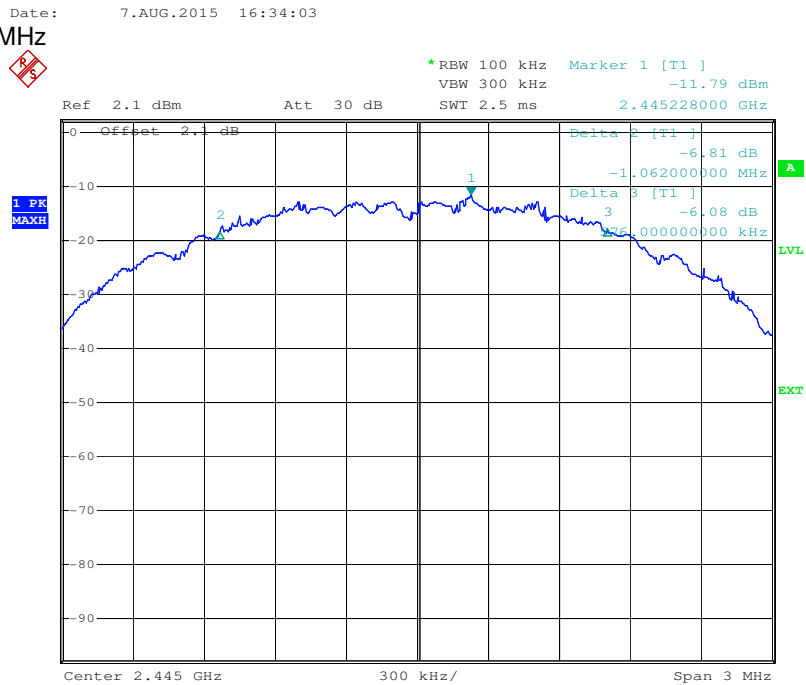
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.577500	28.1	17.8

## 6 dB Bandwidth Measurement

Tx frequency: 2405MHz

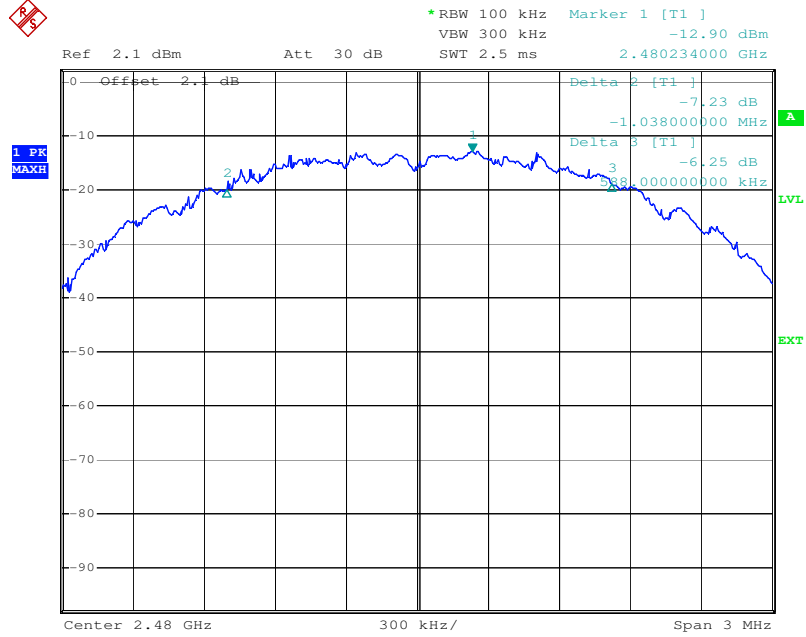


Tx frequency: 2445MHz



Date: 7.AUG.2015 16:01:21

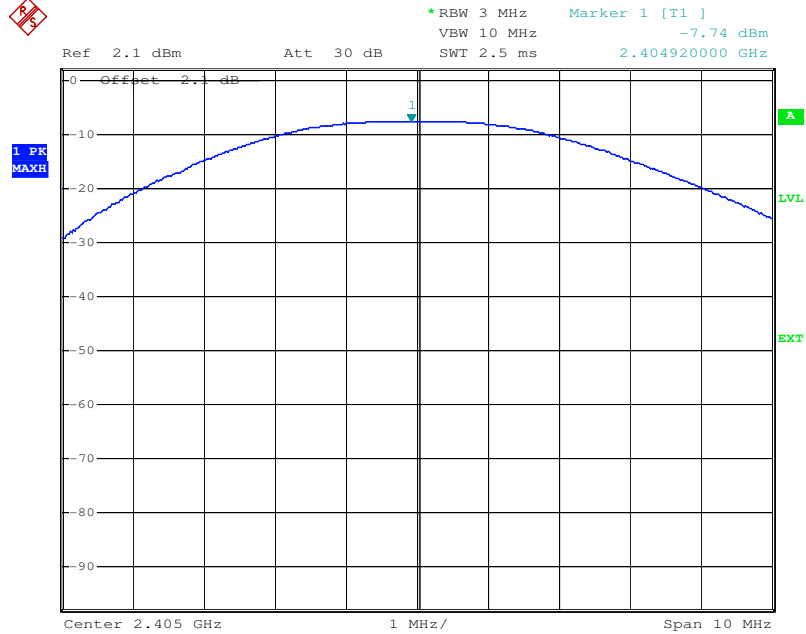
Tx frequency: 2480MHz



Date: 7.AUG.2015 16:42:10

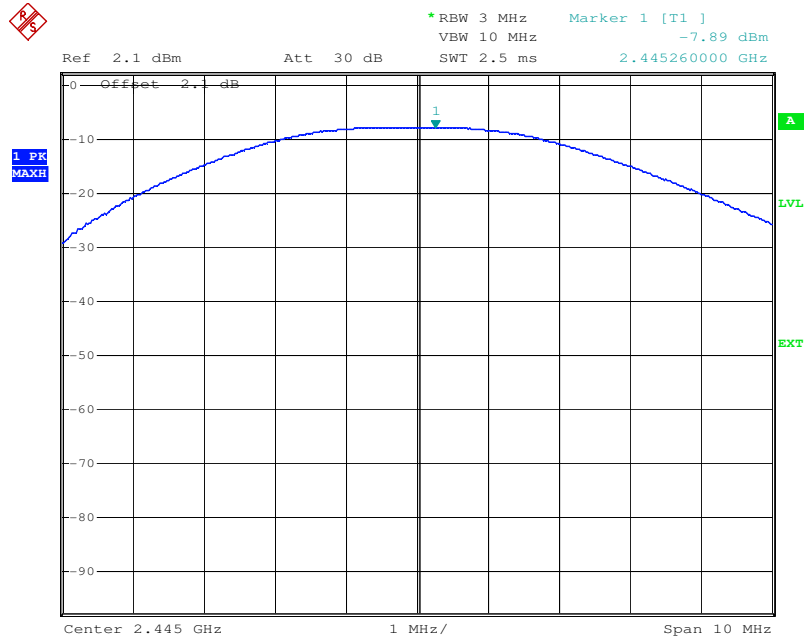
## Peak Output Power

Tx frequency: 2405MHz



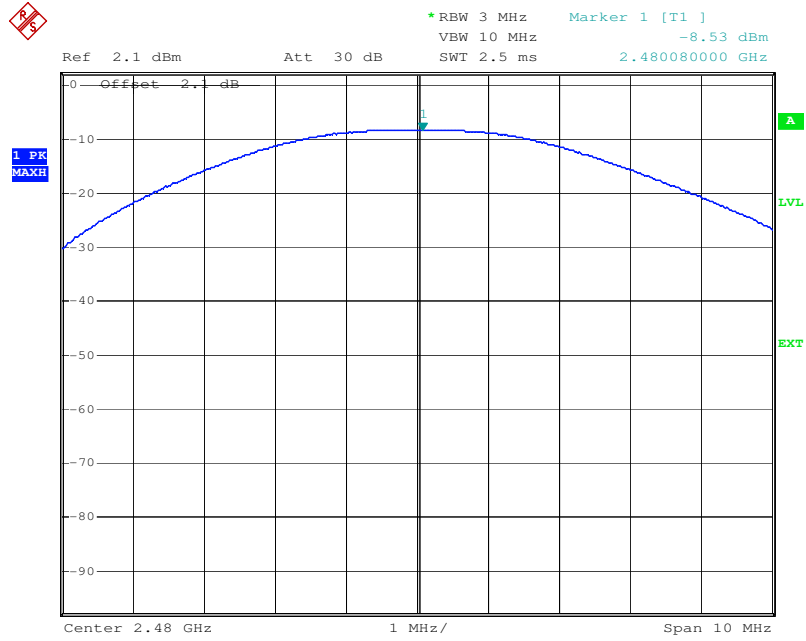
Date: 7.AUG.2015 16:34:44

Tx frequency: 2445MHz



Date: 7.AUG.2015 16:06:34

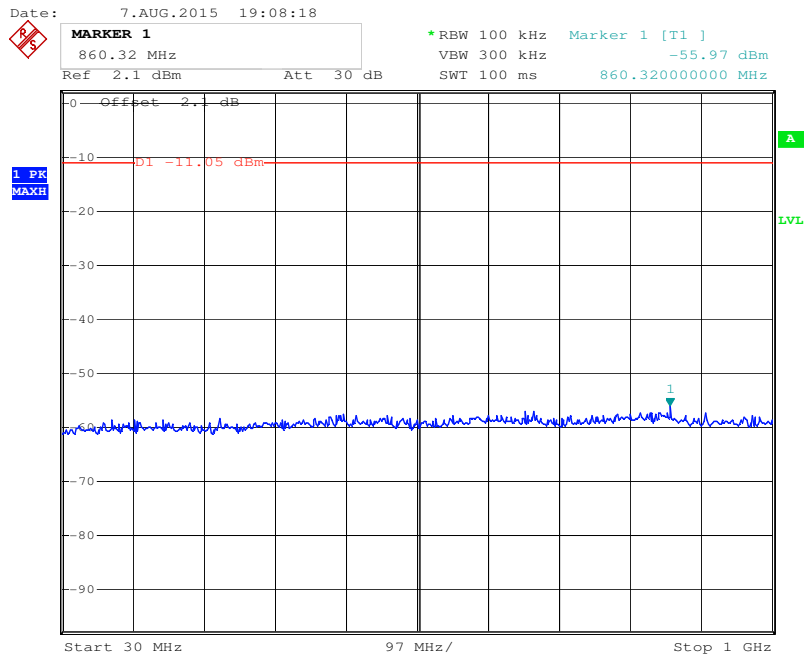
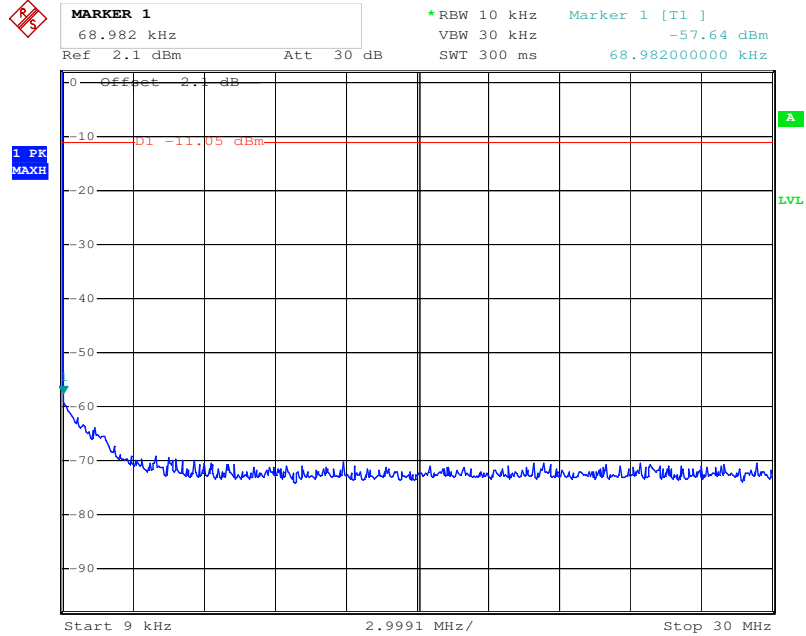
Tx frequency: 2480MHz



Date: 7.AUG.2015 16:44:44

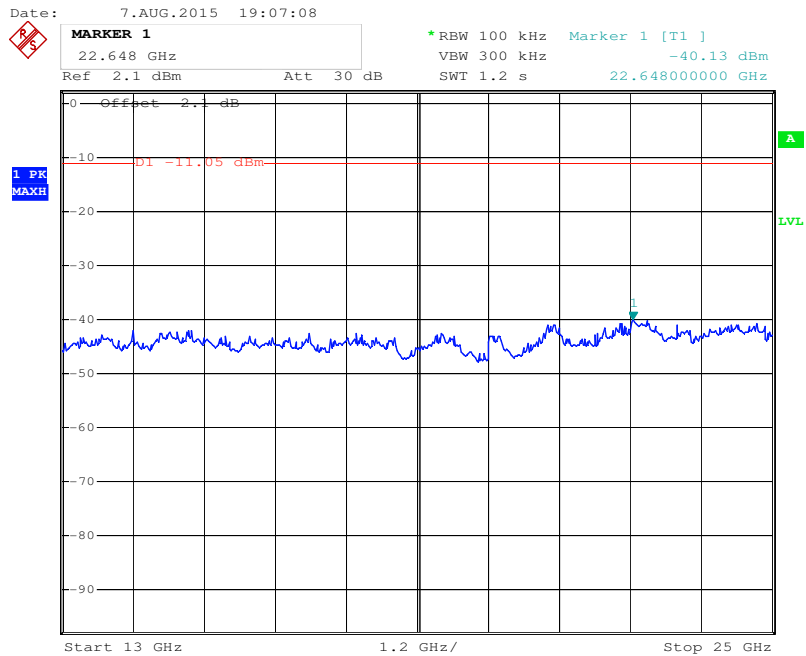
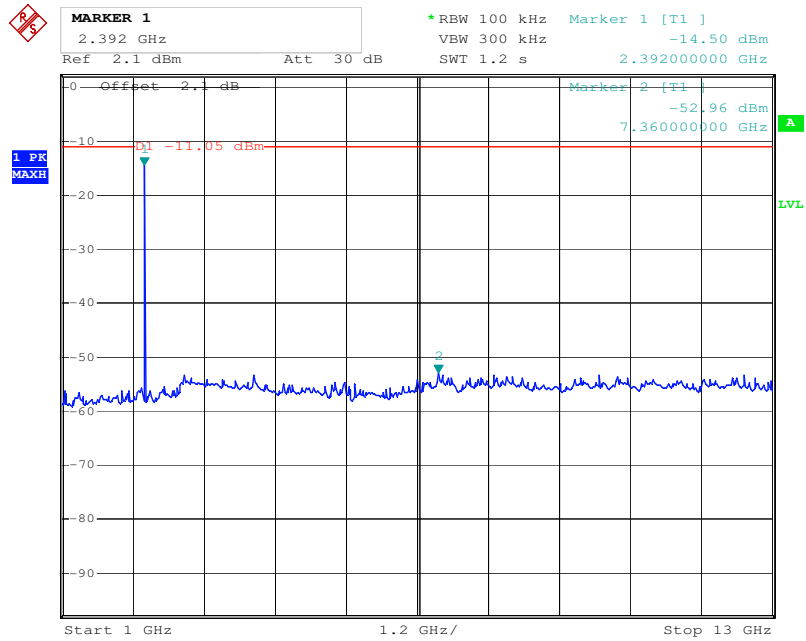
# Spurious Conducted Emissions

Tx frequency: 2405MHz



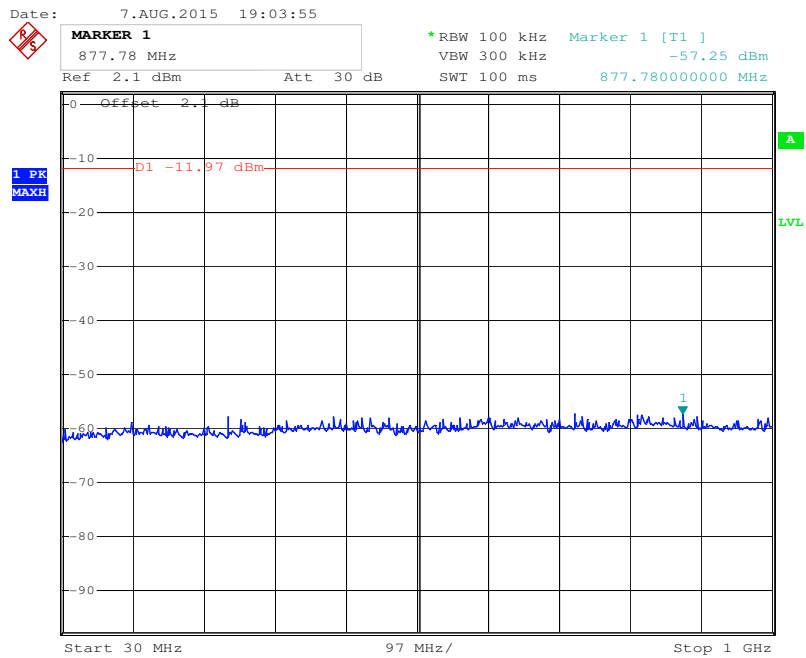
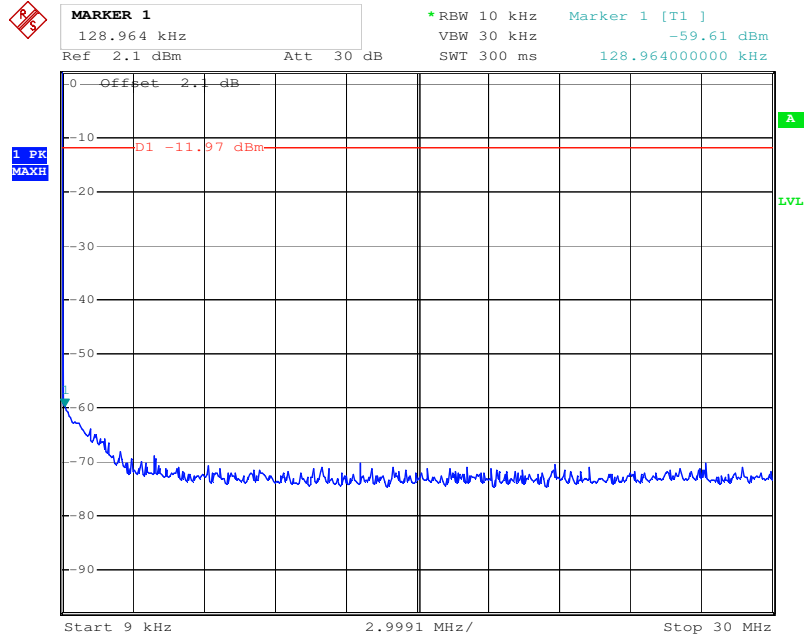
Date: 7.AUG.2015 19:06:00



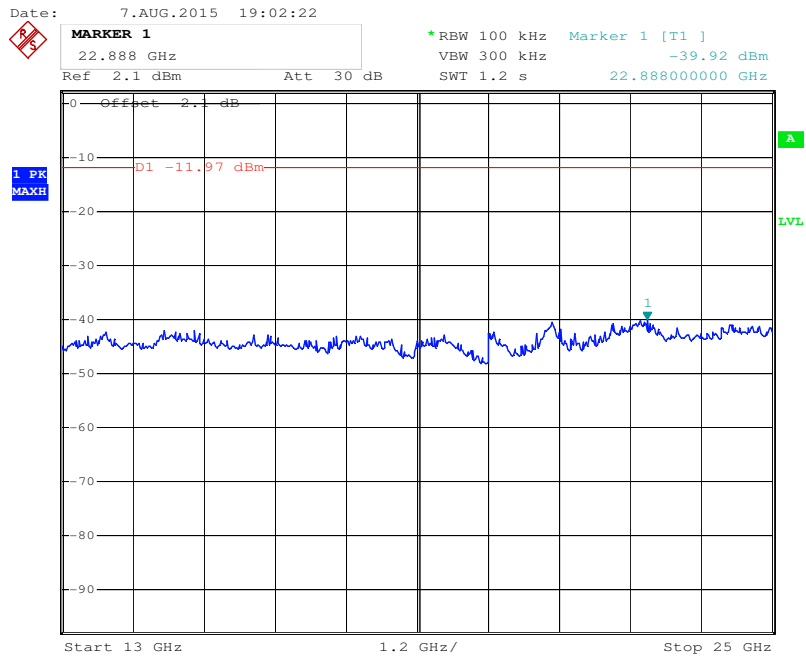
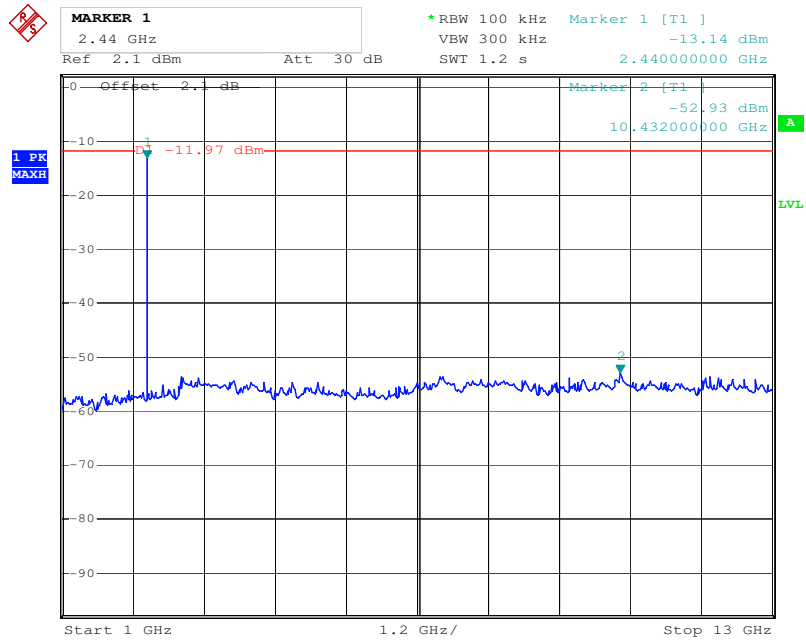


Date: 7.AUG.2015 19:07:37

Tx frequency: 2445MHz

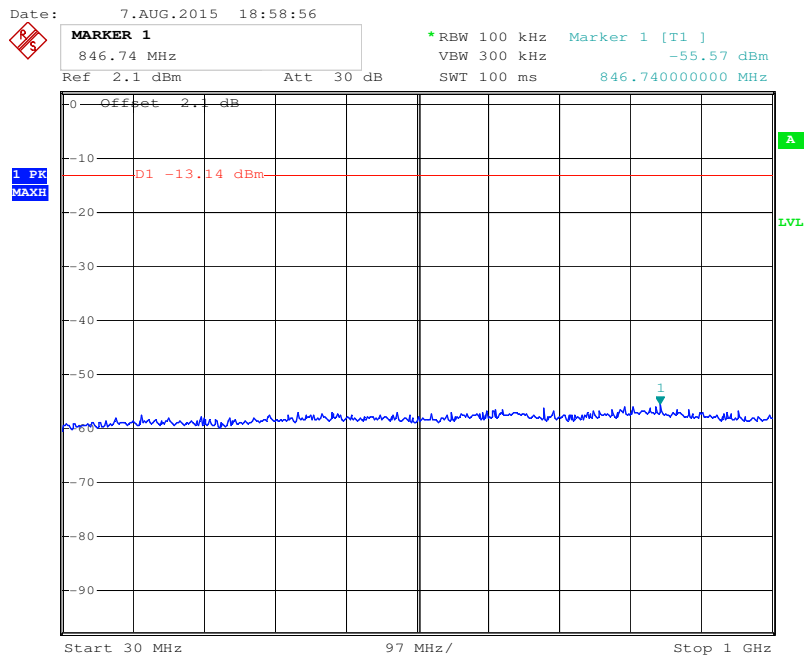
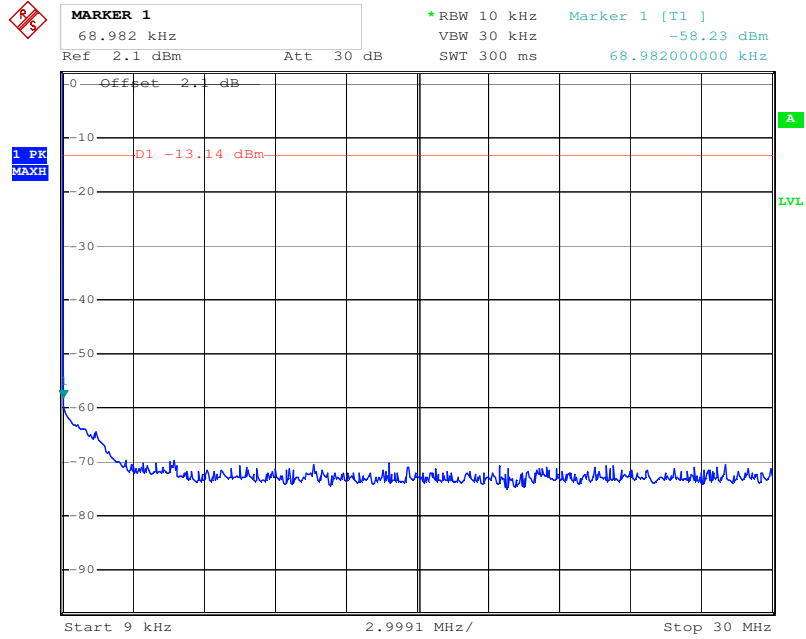


Date: 7.AUG.2015 19:03:29

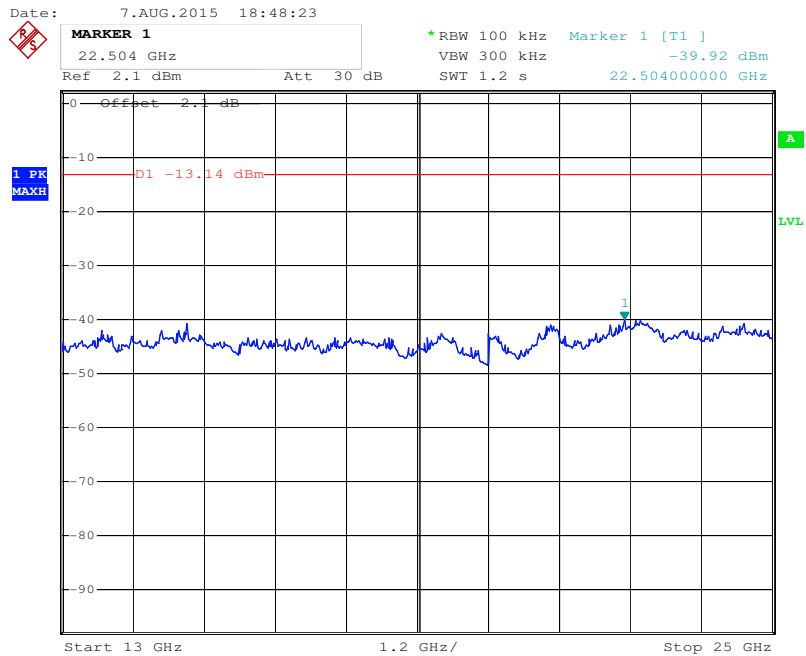
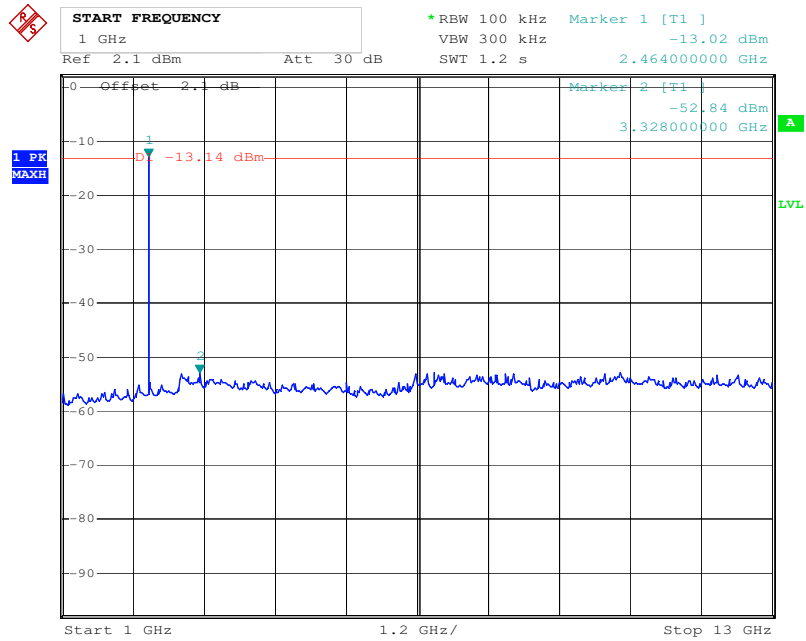


Date: 7.AUG.2015 19:03:05

Tx frequency: 2480MHz



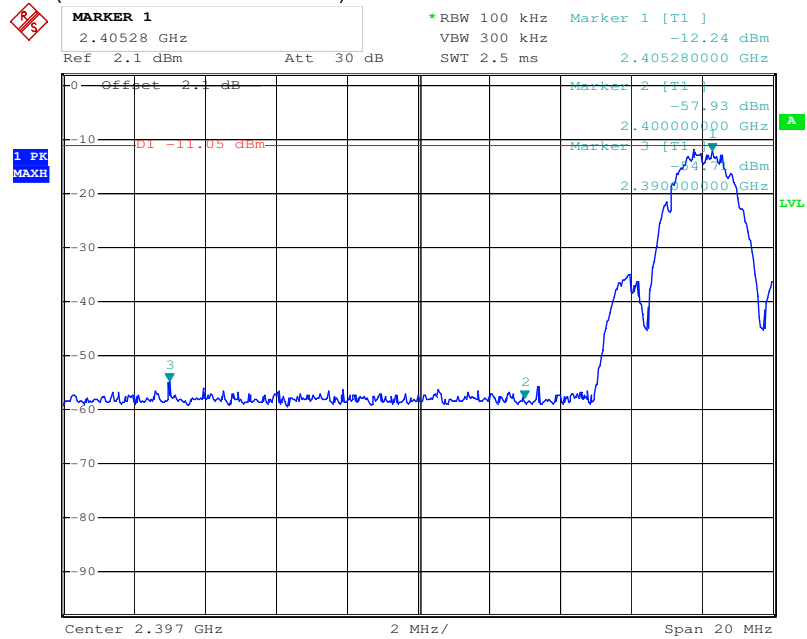
Date: 7.AUG.2015 18:58:22



Date: 7.AUG.2015 18:59:36

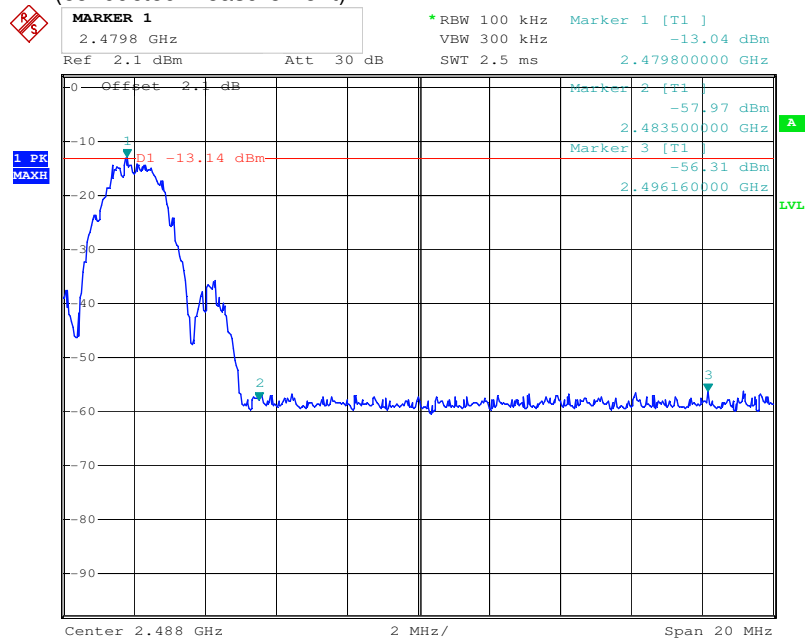
## Band Edge Compliance

Tx frequency: 2405MHz (conducted measurement)



Date: 7.AUG.2015 19:10:06

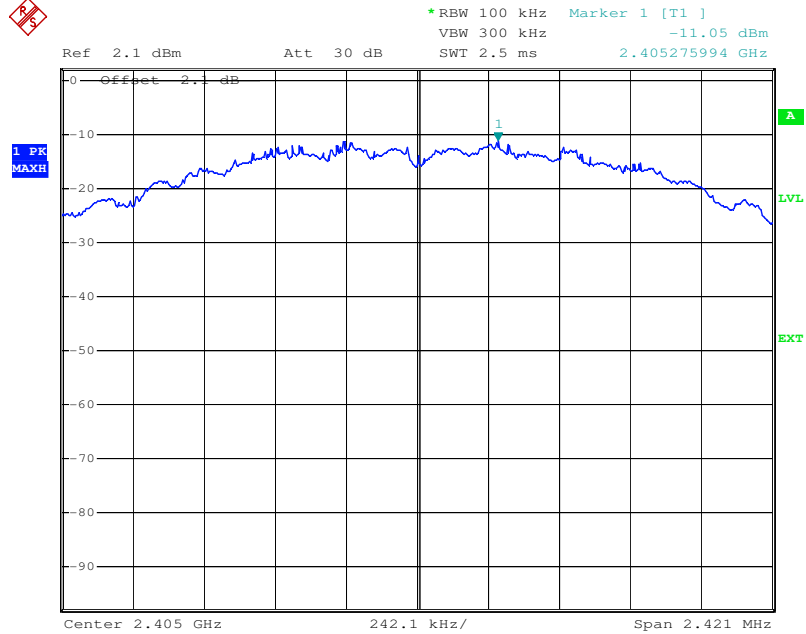
Tx frequency: 2480MHz (conducted measurement)



Date: 7.AUG.2015 19:00:52

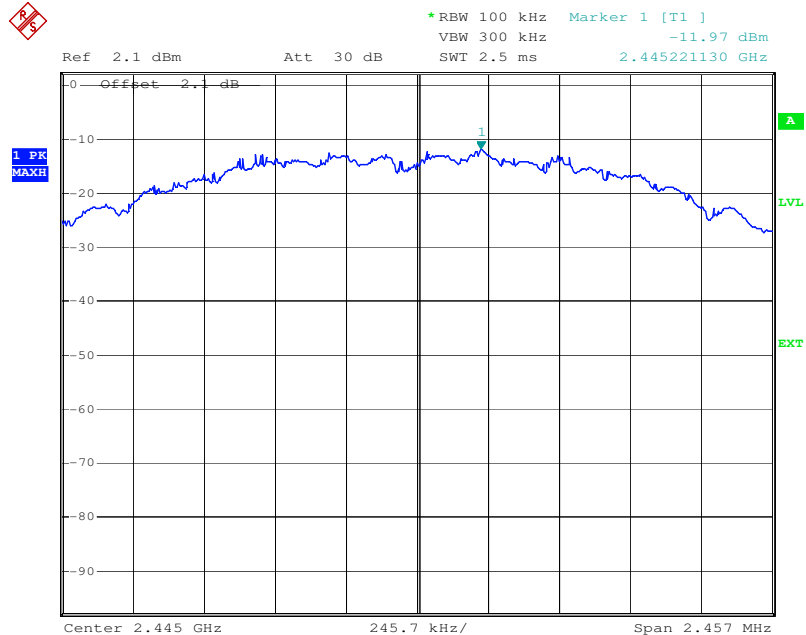
## Power Spectral Density

Tx frequency: 2405MHz



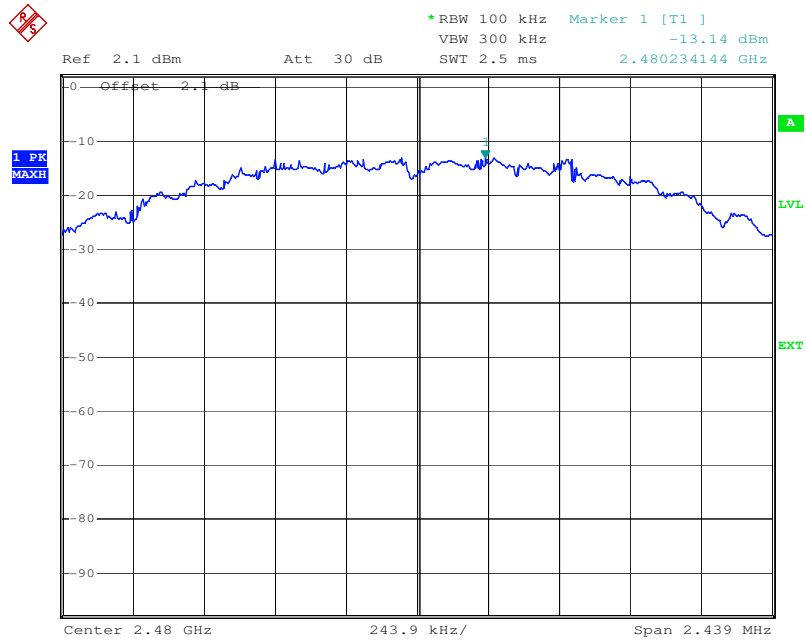
Date: 7.AUG.2015 16:39:39

Tx frequency: 2445MHz



Date: 7.AUG.2015 16:19:41

Tx frequency: 2480MHz



Date: 7.AUG.2015 16:45:46