

## Cover letter for Referencing Test Data for QIPELS61-USA

As the primary test lab for QIPELS61-USA from Gemalto M2M GmbH., we, East China Institute of Telecommunications, according to **BOXWOOD\_Delta\_Description\_ELS61-US\_to\_ELS61-USA**. There is no PCB layout change, and only the assembly parts is different for HWID resistor R109, comparing with QIPELS61-US. There is no impact to RF performance, so we only test EMC/RSE Worst case on QIPELS61-USA.

Below table is all the test result and referencing test data for your reference.

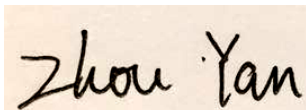
Part 15B	
Radiated Emission	I17D00210-EMC01
Counducted Emission	I17D00210-EMC01

SAR MPE	I17D00210-MPE01
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Part 22&24&27	WCDMA BAND II QPSK	WCDMA BAND IV QPSK	WCDMA BAND V QPSK
Output Power	UL05420151102 FCC/IC042-1	UL05420151102 FCC/IC042-1	UL05420151102FC C/IC042-1
Peak To Average Power Ratio	UL05420151102 FCC/IC042-1	UL05420151102 FCC/IC042-1	UL05420151102FC C/IC042-1
Occupied Bandwidth	UL05420151102 FCC/IC042-1	UL05420151102 FCC/IC042-1	UL05420151102FC C/IC042-1
-26dB Emission Bandwidth	UL05420151102 FCC/IC042-1	UL05420151102 FCC/IC042-1	UL05420151102FC C/IC042-1
Bandedge at antenna terminals	UL05420151102 FCC/IC042-1	UL05420151102 FCC/IC042-1	UL05420151102FC C/IC042-1
Frequency Stability	UL05420151102 FCC/IC042-1	UL05420151102 FCC/IC042-1	UL05420151102FC C/IC042-1
Conducted Spurious Emission	UL05420151102 FCC/IC042-1	UL05420151102 FCC/IC042-1	UL05420151102FC C/IC042-1
Radiated	UL05420151102 FCC/IC042-1	UL05420151102 FCC/IC042-1	I17D00210-SRD05

Part 22&24&27	LTE BAND 2 QPSK	LTE BAND 4 QPSK	LTE BAND 5 QPSK	LTE BAND 12 QPSK
Output Power	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2

Peak To Average Power Ratio	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Occupied Bandwidth	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
-26dB Emission Bandwidth	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Bandedge at antenna terminals	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Frequency Stability	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Conducted Spurious Emission	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Radiated	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	I17D00210-SRD06	UL05420151102 FCC/IC042-2
Part 22&24&27	LTE BAND 2 16QAM	LTE BAND 4 16QAM	LTE BAND 5 16QAM	LTE BAND 12 16QAM
Output Power	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Peak To Average Power Ratio	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Occupied Bandwidth	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
-26dB Emission Bandwidth	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Bandedge at antenna terminals	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Frequency Stability	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Conducted Spurious Emission	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2
Radiated	UL05420151102 FCC/IC042-2	UL05420151102 FCC/IC042-2	UL05420151102FC C/IC042-2	UL05420151102 FCC/IC042-2



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