







<b>RF-EXPOSURE REPORT</b> <b>FCC 47 CFR Part 2.1091</b> <b>ISED RSS-102</b> <b>Maximum permissible exposure</b>	
<b>Report Reference No</b>	G0M-1909-8479-TFC091MP-V01
<b>Testing Laboratory</b>	Eurofins Product Service GmbH
<b>Address</b>	Storkower Str. 38c 15526 Reichenwalde Germany
<b>Accreditation</b>	    DAkks - Registration number : D-PL-12092-01-03 (ISED) ISED Testing Laboratory site: 3470A-2 DAkks - Registration number : D-PL-12092-01-04 (FCC) FCC Filed Test Laboratory, Reg.-No.: 96970
<b>Applicant</b>	pei tel Communications GmbH
<b>Address</b>	Rheinstraße 15 A 14513 Teltow GERMANY
<b>Test Specification</b>	According to FCC/ISED rules
<b>Standard</b>	FCC 47 CFR 2.1091 ISED RSS-102
<b>Non-Standard Test Method</b>	None
<b>Equipment under Test (EUT):</b>	
<b>Product Description</b>	PTCarPhone
<b>Model(s)</b>	PTCarPhone 6
<b>Additional Model(s)</b>	None
<b>Brand Name(s)</b>	PEI TEL
<b>Hardware Version(s)</b>	01
<b>Software Version(s)</b>	V.6.01.01
<b>FCC-ID</b>	2AU9JPTC6
<b>IC</b>	25691-PTC6
<b>Test Result</b>	<b>PASSED</b>

<b>Possible test case verdicts:</b>		
required by standard but not tested	N/T	
not required by standard	N/R	
test object does meet the requirement	P(PASS)	
test object does not meet the requirement	F(FAIL)	
<b>Testing:</b>		
Test Lab Temperature	15 - 35 °C	
Test Lab Humidity	30 – 50 %	
Date of receipt of test item	2019-11-18	
<b>Report:</b>		
Compiled by	Toralf Jahn	
Tested by (+ signature) (Responsible for Test)	Toralf Jahn	
Approved by (+ signature) (Head of Lab)	Christian Weber	
Date of Issue	2020-02-06	
Total number of pages	31	
<b>General Remarks:</b>		
<p>The test results presented in this report relate only to the object tested.</p> <p>The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.</p>		
<b>Additional Comments:</b>		
<p><b>Additional Comments:</b></p> <p>PTCarPhone 6 6609-006-101-51 consists of:                  6098-006-000-51 (TPU), 6922-001-002-51 (ME16), 6508-006-000-51 (HA59),                  6507-002-100-51 (A58), 6601-011-000-51 (KL18), 6098-024-000-51 Versorgungskabel),                  6098-260-005-51 (Verlängerungskabel)</p>		

## VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2020-02-06	Initial Release	

## ABBREVIATIONS AND ACRONYMS

Acronyms	
Acronym	Description
EIRP	Equivalent Isotropic Radiated Power
EUT	Equipment Under Test
MPE	Maximum Permissible Exposure

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## 1 Equipment (Test Item) Under Test

Description	PTCarPhone
Model	PTCarPhone 6
Additional Model(s)	None
Brand Name(s)	PEI TEL
Serial Number(s)	Q8 (IMEI 354328090011039)
Hardware Version(s)	01
Software Version(s)	V.6.01.01
PMN	PTCarPhone6
HVIN	01
FVIN	V.6.01.01
HMN	N/A
FCC-ID	2AU9JPTC6
IC	25691-PTC6
Equipment type	End Product
Environment	General public

**1.1 Reference Documents**

Document Type	Document No.	Issued by	Date
UMTS module test report	1870209R-HPUSP17V00	DEKRA	2018-08-23
LTE module test report	1870209R-HPUSP17V00-A	DEKRA	2018-08-23
Bluetooth / IEEE 802.11 module test report	2323ERM.005A1	DEKRA	2019-05-17
IEEE 802.11 test report	G0M-1909-8479-TFC247WF-V01	Eurofins Product Service GmbH	2020-01-30
UMTS / LTE test report	G0M-1909-8479-TFCMOCORSE-V01	Eurofins Product Service GmbH	2020-02-06

## 1.2 Power density radiation sources

Mode	Operating Frequency [MHz]	Maximum conducted power [dBm]	Maximum radiated power [dBm EIRP]	Maximum duty cycle [%]	Maximum antenna gain [dBi]	Maximum antenna diameter [cm]
IEEE 802.11 (2.4 GHz)	2437.0	13.94	17.94	100	4	10
UMTS FDDII	1880.0	25.7	28.7	100	3	10
UMTS FDDIV	1732.6	25.7	28.7	100	3	10
UMTS FDDV	836.0	25.7	28.7	100	3	10
LTE FDD2	1880.0	25.7	28.7	100	3	10
LTE FDD4	1732.5	25.7	28.7	100	3	10
LTE FDD5	836.0	25.7	28.7	100	3	10
LTE FDD12	707.5	25.7	28.7	100	3	10
LTE FDD13	782.0	25.7	28.7	100	3	10
LTE FDD14	793.0	25.7	28.7	100	3	10
LTE FDD66	1745	25.7	28.7	100	3	10
LTE FDD71	680.5	25.7	28.7	100	3	10
Comment:						

## 1.3 Field strength radiation sources

None

## 1.4 Concurrent Sources

Concurrent operating conditions
IEEE 802.11 (2.4 GHz) + UMTS FDDII
IEEE 802.11 (2.4 GHz) + UMTS FDDIV
IEEE 802.11 (2.4 GHz) + UMTS FDDV
IEEE 802.11 (2.4 GHz) + LTE FDD2
IEEE 802.11 (2.4 GHz) + LTE FDD4
IEEE 802.11 (2.4 GHz) + LTE FDD5
IEEE 802.11 (2.4 GHz) + LTE FDD12
IEEE 802.11 (2.4 GHz) + LTE FDD13
IEEE 802.11 (2.4 GHz) + LTE FDD14
IEEE 802.11 (2.4 GHz) + LTE FDD66
IEEE 802.11 (2.4 GHz) + LTE FDD71
Comment:



## 2 Result Summary

FCC MPE Evaluation - Single radiation sources					
Product Standard Reference	Requirement	Reference Method	Mode	Distance [m]	Verdict
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz)	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	UMTS FDDII	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	UMTS FDDIV	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	UMTS FDDV	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD2	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD4	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD5	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD12	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD13	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD14	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD66	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	LTE FDD71	0.20	PASS
Comment:					

ISED MPE Evaluation - Single radiation sources					
Product Standard Reference	Requirement	Reference Method	Mode	Distance [m]	Verdict
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz)	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	UMTS FDDII	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	UMTS FDDIV	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	UMTS FDDV	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	LTE FDD2	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	LTE FDD4	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	LTE FDD5	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	LTE FDD12	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	LTE FDD13	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	LTE FDD14	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	LTE FDD66	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	LTE FDD71	0.20	PASS
Comment:					

FCC MPE Evaluation - Multi-transmitter sources					
Product Standard Reference	Requirement	Reference Method	Mode	Distance [m]	Verdict
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + UMTS FDDII	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + UMTS FDDIV	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + UMTS FDDV	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + LTE FDD2	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + LTE FDD4	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + LTE FDD5	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + LTE FDD12	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + LTE FDD13	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + LTE FDD14	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + LTE FDD66	0.20	PASS
47 CFR 2.1091	Maximum permissible exposure	FCC KDB 447498	IEEE 802.11 (2.4 GHz) + LTE FDD71	0.20	PASS
Comment:					

ISED MPE Evaluation - Multi-transmitter sources					
Product Standard Reference	Requirement	Reference Method	Mode	Distance [m]	Verdict
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + UMTS FDDII	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + UMTS FDDIV	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + UMTS FDDV	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + LTE FDD2	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + LTE FDD4	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + LTE FDD5	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + LTE FDD12	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + LTE FDD13	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + LTE FDD14	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + LTE FDD66	0.20	PASS
ISED RSS-102	Maximum permissible exposure	ISED RSS-102	IEEE 802.11 (2.4 GHz) + LTE FDD71	0.20	PASS
Comment:					

### 3 RF-Exposure classification

RF-Exposure Categories	
Fixed	A fixed device is defined as a device physically secured at one fixed location and cannot be easily re-located.
Mobile	A mobile device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structure(s) and the body of the user or nearby persons.
Portable	A portable device is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.

RF-Exposure Categories	
Occupational / Controlled	Limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.
General population / Uncontrolled	Exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

#### 4 RF-Exposure limits

FCC Limits – General Population / Uncontrolled Exposure				
Frequency range [MHz]	Electric field strength [V/M]	Magnetic field strength [A/M]	Power density [W/m <sup>2</sup> ]	Averaging time [min]
0.3 – 1.34	614	1.63	1000	30
1.34 – 30	824/f	2.19/f	1800/f <sup>2</sup>	30
30 – 300	27.5	0.073	2	30
300 – 1500	-	-	f/150	30
1500 – 100000	-	-	10.0	30

FCC Limits – Occupational / Controlled Exposure				
Frequency range [MHz]	Electric field strength [V/M]	Magnetic field strength [A/M]	Power density [W/m <sup>2</sup> ]	Averaging time [min]
0.3 – 3.0	614	1.63	1000	6
3.0 – 30	1842/f	4.89/f	9000/f <sup>2</sup>	6
30 – 300	61.4	0.163	10.0	6
300 – 1500	-	-	f/30	6
1500 – 100000	-	-	50	6

ISED Limits – General Population / Uncontrolled Exposure				
Frequency range [MHz]	Electric field strength [V/M]	Magnetic field strength [A/M]	Power density [W/m <sup>2</sup> ]	Averaging time [min]
0.003 – 10	83	90	-	Instantaneous
0.1 – 10	-	0.73/f	-	6
1.1 – 10	87/f <sup>0.5</sup>	-	-	6
10 – 20	27.46	0.0728	2	6
20 – 48	58.07/f <sup>0.5</sup>	0.1540/f <sup>0.25</sup>	8.944/f <sup>0.5</sup>	6
48 – 300	22.06	0.05852	1.291	6
300 – 6000	3.142·f <sup>-0.3417</sup>	0.008335·f <sup>-0.3417</sup>	0.02619·f <sup>-0.6834</sup>	6
6000 – 15000	61.4	0.163	10	6
15000 – 150000	61.4	0.163	10	616000/f <sup>1.2</sup>
150000 – 300000	0.158·f <sup>0.5</sup>	4.21·10 <sup>-4</sup> ·f <sup>0.5</sup>	6.67·10 <sup>-5</sup> ·f	616000/f <sup>1.2</sup>

ISED Limits – Occupational / Controlled Exposure				
Frequency range [MHz]	Electric field strength [V/M]	Magnetic field strength [A/M]	Power density [W/m <sup>2</sup> ]	Averaging time [min]
0.003 – 10	170	180	-	Instantaneous
0.1 – 10	-	1.6/f	-	6
1.1 – 10	193/f <sup>0.5</sup>	-	-	6
10 – 20	61.4	0.163	10	6
20 – 48	129.8/f <sup>0.5</sup>	0.3444/f <sup>0.25</sup>	44.72/f <sup>0.5</sup>	6
48 – 300	49.33	0.1309	6.455	6
300 – 6000	15.60·f <sup>0.25</sup>	0.04138·f <sup>0.25</sup>	0.6455·f <sup>0.5</sup>	6
6000 – 15000	137	0.364	50	6
15000 – 150000	137	0.364	50	616000/f <sup>1.2</sup>
150000 – 300000	0.354·f <sup>0.5</sup>	9.40·10 <sup>-4</sup> ·f <sup>0.5</sup>	3.33·10 <sup>-4</sup> ·f	616000/f <sup>1.2</sup>

## 5 RF-Exposure Evaluation

Evaluation Relations
$\lambda[m] = \frac{c \left[ \frac{m}{s} \right]}{f[Hz]} ; R_{FF}[m] \geq \frac{2 \cdot D[m]^2}{\lambda[m]}$
$S[W/m^2] = \frac{P_{E.I.R.P.}[W]}{4\pi R[m]^2} ; R[m] = \sqrt{\frac{P_{E.I.R.P.}[W]}{4\pi S[W/m^2]}}$
$DCC [dB] = 10 \cdot \text{Log}_{10} \left( \frac{DC[\%]}{100} \right)$
$\sum_{i=1}^N \frac{S_i \left[ \frac{W}{m^2} \right]}{S_{Li} \left[ \frac{W}{m^2} \right]} + \sum_{j=1}^M \left( \frac{E_j \left[ \frac{V}{m} \right]}{E_{Lj} \left[ \frac{V}{m} \right]} \right)^2 + \sum_{k=1}^O \left( \frac{H_k \left[ \frac{A}{m} \right]}{H_{Lk} \left[ \frac{A}{m} \right]} \right)^2 < 1$

Evaluation Procedure
<p><u>Standalone operation evaluation:</u></p> <p>For each radio and frequency band the worst case transmission mode with the highest peak conducted or radiated power is evaluated at the frequency that results in the most restrictive rf-exposure limit. From the peak power values, antenna gains and duty cycles taken from the reference documents, the source average radiated power values are calculated. From the average radiated power the power densities at antenna far-field distance is calculated. The distance from the radiation source for compliance power density is calculated. If the separation distance is lower than the far-field distance, the far-field distance is given as compliance separation distance because the plane wave power density assessment is only valid in the far-field of the radiation source.</p> <p>For radiation sources for which the average electric and magnetic fields are measured using field probes, the measured field strength values are compared to the reference limits. For those sources no calculations are performed. Compliance with the reference values is determined with the near field measurements.</p> <p><u>Concurrent operation evaluation:</u></p> <p>First the evaluation distance is set to an appropriate value. For all radiation sources for which power densities are calculated, the power densities at the evaluation distance are calculated and for all other sources the electric or magnetic field strengths are measured using field probes. Finally the ratios of the power densities and/or field strength values and the corresponding limits are calculated and summed and the sum is compared to the maximum of 1.</p>

## 6 Single Source Evaluation Results - FCC

IEEE 802.11 (2.4 GHz)	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	2437.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.12
Antenna far-field distance ( $R_{FF}$ ) [m]	0.16
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	17.94
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	17.94
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	10.000
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	0.188
Power density (S) @ 0.20 m [ $W/m^2$ ]	0.124
Power density ratio @ 0.20 m	0.01
Distance for compliance power density (S=SL) [m]	0.022
<b>Compliance</b>	
Verdict	PASS
Comment:	

UMTS FDDII	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1880.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.16
Antenna far-field distance ( $R_{FF}$ ) [m]	0.13
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	10.000
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	3.755
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.15
Distance for compliance power density (S=SL) [m]	0.077
<b>Compliance</b>	
Verdict	PASS
Comment:	

UMTS FDDIV	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1732.6
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.17
Antenna far-field distance ( $R_{FF}$ ) [m]	0.12
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	10.000
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	4.422
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.15
Distance for compliance power density (S=SL) [m]	0.077
<b>Compliance</b>	
Verdict	PASS
Comment:	

UMTS FDDV	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	836.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.36
Antenna far-field distance ( $R_{FF}$ ) [m]	0.06
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	5.573
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	18.992
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.26
Distance for compliance power density (S=SL) [m]	0.103
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD2	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1880.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.16
Antenna far-field distance ( $R_{FF}$ ) [m]	0.13
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	10.000
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	3.755
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.15
Distance for compliance power density (S=SL) [m]	0.077
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD4	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1732.5
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.17
Antenna far-field distance ( $R_{FF}$ ) [m]	0.12
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	10.000
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	4.422
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.15
Distance for compliance power density (S=SL) [m]	0.077
<b>Compliance</b>	
Verdict	PASS
Comment:	



LTE FDD5	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	836.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.36
Antenna far-field distance ( $R_{FF}$ ) [m]	0.06
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	5.573
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	18.992
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.26
Distance for compliance power density (S=SL) [m]	0.103
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD12	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	707.5
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.42
Antenna far-field distance ( $R_{FF}$ ) [m]	0.05
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	4.717
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	26.517
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.31
Distance for compliance power density (S=SL) [m]	0.112
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD13	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	782.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.38
Antenna far-field distance ( $R_{FF}$ ) [m]	0.05
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	5.213
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	21.705
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.28
Distance for compliance power density (S=SL) [m]	0.106
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD14	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	793.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.38
Antenna far-field distance ( $R_{FF}$ ) [m]	0.05
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	5.287
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	21.107
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.28
Distance for compliance power density (S=SL) [m]	0.106
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD66	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1745
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.17
Antenna far-field distance ( $R_{FF}$ ) [m]	0.12
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	10.000
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	4.359
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.15
Distance for compliance power density (S=SL) [m]	0.077
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD71	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	680.5
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.44
Antenna far-field distance ( $R_{FF}$ ) [m]	0.05
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	4.537
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	28.663
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.33
Distance for compliance power density (S=SL) [m]	0.114
<b>Compliance</b>	
Verdict	PASS
Comment:	

## 7 Single Source Evaluation Results - ISED

IEEE 802.11 (2.4 GHz)	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	2437.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.12
Antenna far-field distance ( $R_{FF}$ ) [m]	0.16
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	17.94
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	17.94
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	5.404
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	0.188
Power density (S) @ 0.20 m [ $W/m^2$ ]	0.124
Power density ratio @ 0.20 m	0.02
Distance for compliance power density (S=SL) [m]	0.030
<b>Compliance</b>	
Verdict	PASS
Comment:	

UMTS FDDII	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1880.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.16
Antenna far-field distance ( $R_{FF}$ ) [m]	0.13
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	4.526
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	3.755
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.33
Distance for compliance power density (S=SL) [m]	0.114
<b>Compliance</b>	
Verdict	PASS
Comment:	

UMTS FDDIV	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1732.6
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.17
Antenna far-field distance ( $R_{FF}$ ) [m]	0.12
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	4.280
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	4.422
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.34
Distance for compliance power density (S=SL) [m]	0.117
<b>Compliance</b>	
Verdict	PASS
Comment:	

UMTS FDDV	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	836.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.36
Antenna far-field distance ( $R_{FF}$ ) [m]	0.06
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	2.601
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	18.992
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.57
Distance for compliance power density (S=SL) [m]	0.151
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD2	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1880.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.16
Antenna far-field distance ( $R_{FF}$ ) [m]	0.13
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	4.526
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	3.755
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.33
Distance for compliance power density (S=SL) [m]	0.114
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD4	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1732.5
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.17
Antenna far-field distance ( $R_{FF}$ ) [m]	0.12
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	4.280
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	4.422
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.34
Distance for compliance power density (S=SL) [m]	0.117
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD5	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	836.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.36
Antenna far-field distance ( $R_{FF}$ ) [m]	0.06
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	2.601
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	18.992
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.57
Distance for compliance power density (S=SL) [m]	0.151
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD12	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	707.5
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.42
Antenna far-field distance ( $R_{FF}$ ) [m]	0.05
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	2.321
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	26.517
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.64
Distance for compliance power density (S=SL) [m]	0.159
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD13	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	782.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.38
Antenna far-field distance ( $R_{FF}$ ) [m]	0.05
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	2.485
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	21.705
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.59
Distance for compliance power density (S=SL) [m]	0.154
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD14	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	793.0
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.38
Antenna far-field distance ( $R_{FF}$ ) [m]	0.05
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	2.509
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	21.107
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.59
Distance for compliance power density (S=SL) [m]	0.153
<b>Compliance</b>	
Verdict	PASS
Comment:	



LTE FDD66	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	1745
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.17
Antenna far-field distance ( $R_{FF}$ ) [m]	0.12
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	4.301
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	4.359
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.34
Distance for compliance power density (S=SL) [m]	0.117
<b>Compliance</b>	
Verdict	PASS
Comment:	

LTE FDD71	
<b>Transmission Mode</b>	
Transmission Frequency (f) [MHz]	680.5
<b>Antenna far-field distance</b>	
Maximum antenna diameter (D) [m]	0.10
Transmission wavelength ( $\lambda$ ) [m]	0.44
Antenna far-field distance ( $R_{FF}$ ) [m]	0.05
<b>Source average power</b>	
Peak radiated power (PR) [dBm EIRP]	28.7
Maximum transmission duty cycle (DC)	1.00
Duty cycle correction (DCC) [dB]	0.00
Average radiated power (PRAVG) [dBm EIRP]	28.70
<b>Power density</b>	
Compliance power density limit [ $W/m^2$ ]	2.260
Power density (S) @ Antenna far-field distance [ $W/m^2$ ]	28.663
Power density (S) @ 0.20 m [ $W/m^2$ ]	1.475
Power density ratio @ 0.20 m	0.65
Distance for compliance power density (S=SL) [m]	0.162
<b>Compliance</b>	
Verdict	PASS
Comment:	

## 8 Concurrent Evaluation Results - FCC

IEEE 802.11 (2.4 GHz) + UMTS FDDII	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
UMTS FDDII	0.15
<b>Sum of MPE Ratios</b>	
Sum	0.16
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + UMTS FDDIV	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
UMTS FDDIV	0.15
<b>Sum of MPE Ratios</b>	
Sum	0.16
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + UMTS FDDV	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
UMTS FDDV	0.26
<b>Sum of MPE Ratios</b>	
Sum	0.27
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD2	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
LTE FDD2	0.15
<b>Sum of MPE Ratios</b>	
Sum	0.16
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD4	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
LTE FDD4	0.15
<b>Sum of MPE Ratios</b>	
Sum	0.16
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD5	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
LTE FDD5	0.26
<b>Sum of MPE Ratios</b>	
Sum	0.27
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD12	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
LTE FDD12	0.31
<b>Sum of MPE Ratios</b>	
Sum	0.32
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD13	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
LTE FDD13	0.28
<b>Sum of MPE Ratios</b>	
Sum	0.29
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD14	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
LTE FDD14	0.28
<b>Sum of MPE Ratios</b>	
Sum	0.29
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD66	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
LTE FDD66	0.15
<b>Sum of MPE Ratios</b>	
Sum	0.16
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD71	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.01
LTE FDD71	0.33
<b>Sum of MPE Ratios</b>	
Sum	0.34
<b>Compliance</b>	
Verdict	PASS

## 9 Concurrent Evaluation Results - ISED

IEEE 802.11 (2.4 GHz) + UMTS FDDII	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
UMTS FDDII	0.33
<b>Sum of MPE Ratios</b>	
Sum	0.35
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + UMTS FDDIV	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
UMTS FDDIV	0.34
<b>Sum of MPE Ratios</b>	
Sum	0.36
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + UMTS FDDV	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
UMTS FDDV	0.57
<b>Sum of MPE Ratios</b>	
Sum	0.59
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD2	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
LTE FDD2	0.33
<b>Sum of MPE Ratios</b>	
Sum	0.35
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD4	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
LTE FDD4	0.34
<b>Sum of MPE Ratios</b>	
Sum	0.36
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD5	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
LTE FDD5	0.57
<b>Sum of MPE Ratios</b>	
Sum	0.59
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD12	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
LTE FDD12	0.64
<b>Sum of MPE Ratios</b>	
Sum	0.66
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD13	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
LTE FDD13	0.59
<b>Sum of MPE Ratios</b>	
Sum	0.61
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD14	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
LTE FDD14	0.59
<b>Sum of MPE Ratios</b>	
Sum	0.61
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD66	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
LTE FDD66	0.34
<b>Sum of MPE Ratios</b>	
Sum	0.36
<b>Compliance</b>	
Verdict	PASS

IEEE 802.11 (2.4 GHz) + LTE FDD71	
<b>Information</b>	
Number of concurrent modes	2
Evaluation distance [m]	0.20
<b>Maximum MPE Ratios</b>	
IEEE 802.11 (2.4 GHz)	0.02
LTE FDD71	0.65
<b>Sum of MPE Ratios</b>	
Sum	0.67
<b>Compliance</b>	
Verdict	PASS