

# Exposure Calculation Report

MiX Telematics (Pty)

Model: MiX 6AMB-4G, MiX 6AMB-4G Kit, MiX 6AMB-4G-B, MiX 6AMB-4G-B Kit

In accordance with EN 62311, FCC CFR 47 Part 2.1091, Australia ARPANSA RPS No.3, New Zealand NZS 2772.1

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## COMMERCIAL-IN-CONFIDENCE

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### SIGNATURE

A handwritten signature in black ink, appearing to read 'Jon Kenny', is written over a white background.

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Jon Kenny	Manager (RF)	Authorised Signatory	12 April 2021

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD document control rules.

### EXECUTIVE SUMMARY

The calculation of exposure for this product was found to be compliant at a minimum distance of 20 cm with EN 62311, FCC CFR 47 Part 2.1091, Australia ARPANSA RPS No.3, New Zealand NZS 2772.1 assuming continuous exposure of 6 minutes or more. If alternative antennas are used with greater gains, the distance must be recalculated.

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## Contents

<b>1</b>	<b>Report Summary .....</b>	<b>2</b>
1.1	Report Modification Record.....	2
1.2	Introduction.....	2
1.3	Brief Summary of Results .....	3
1.4	Product Information .....	12
<b>2</b>	<b>Assessment Details .....</b>	<b>15</b>
2.1	Assessment Method.....	15
2.2	Individual Antenna Port Exposure Results.....	16
2.3	Combined Antenna Port RF Exposure Results.....	21
2.4	Far Field Region Boundary Results .....	61
2.5	Uncertainty .....	62
<b>Annex A</b>	<b>Regional Requirements.....</b>	<b>A.2</b>



# 1 Report Summary

## 1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
1	First Issue	12 April 2021

**Table 1**

## 1.2 Introduction

Applicant	MiX Telematics Europe Ltd
Manufacturer	MiX Telematics Europe Ltd
Model Number(s)	MiX 6AMB-4G, MiX 6AMB-4G Kit, MiX 6AMB-4G-B, MiX 6AMB-4G-B Kit
Hardware Version(s)	1
Software Version(s)	2.0.4
Specification/Issue/Date	<ul style="list-style-type: none"> <li>• EN 62311:2008 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)</li> <li>• FCC CFR 47 Part 2.1091:2019 RF radiation exposure evaluation: mobile devices</li> <li>• Australia: ARPANSA Radiation Protection Series No.3:2002</li> <li>• NZS 2772.1:1999 Radiofrequency fields, Maximum exposure levels, 3 kHz to 300 GHz</li> </ul>
Order Number	P0093632
Date	18/05/2020
Related Document(s)	<ul style="list-style-type: none"> <li>• Directive 2013/35/EU on minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (electromagnetic fields).</li> <li>• European Council Recommendation 1999/519/EC of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz), Official Journal, L199, of 1999-7-30, p.59-70.</li> <li>• FCC 47 CFR Part 1.1310:2019 RF radiation exposure limits</li> <li>• OET65:97 Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields</li> <li>• IEEE C95.3:2002 IEEE Recommended Practice for Measurements and Computations of Radio Frequency Electromagnetic Fields with Respect to Human Exposure to Such Fields, 100 kHz–300 GHz</li> <li>• AS/NZS 2772.2:2016 Radiofrequency fields, Part 2: principles and methods of measurement and computation, 3 kHz to 300 GHz</li> </ul>



### 1.3 Brief Summary of Results

The wireless device described within this report was compliant with the restrictions related to human exposure to electromagnetic fields for both general public and worker/occupational exposures.

The calculations shown in this report were made in accordance with the procedures specified in the applied test specification(s).

#### 1.3.1 Configuration - Single Transmitter

Regional Requirement	RAT	RF Exposure Level at minimum compliance boundary of 0.2 m							
		S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (μT)	
		Result	Limit	Result	Limit	Result	Limit	Result	Limit
EN	BT2400	0.01	N/A	1.73	140.00	0.0046	N/A	0.0058	0.4500
EN	BLE2400	0.01	N/A	1.73	140.00	0.0046	N/A	0.0058	0.4500
EN	WiFi2400	0.06	N/A	4.81	140.00	0.0128	N/A	0.0160	0.4500
EN	LTE BAND 5	0.63	N/A	15.42	86.13	0.0409	N/A	0.0514	0.2871
EN	LTE BAND 7	0.79	N/A	17.30	140.00	0.0459	N/A	0.0577	0.4500
EN	LTE BAND 38	0.79	N/A	17.30	140.00	0.0459	N/A	0.0577	0.4500
EN	LTE BAND 1	0.79	N/A	17.30	131.45	0.0459	N/A	0.0577	0.4382
EN	LTE BAND 3	0.79	N/A	17.30	124.06	0.0459	N/A	0.0577	0.4135
EN	LTE BAND 8	0.63	N/A	15.42	88.99	0.0409	N/A	0.0514	0.2966
EN	LTE BAND 20	0.63	N/A	15.42	86.53	0.0409	N/A	0.0514	0.2884
EN	LTE BAND 28	0.63	N/A	15.42	79.54	0.0409	N/A	0.0514	0.2651
EN	LTE BAND 40	0.79	N/A	17.30	140.00	0.0459	N/A	0.0577	0.4500
EN	WCDMA BAND 1	0.99	N/A	19.34	131.45	0.0513	N/A	0.0645	0.4382
EN	WCDMA BAND 8	0.79	N/A	17.24	88.99	0.0457	N/A	0.0575	0.2966
EN	GSM900	1.58	N/A	24.38	89.00	0.0647	N/A	0.0813	0.2967
EN	GSM1800	0.99	N/A	19.34	124.06	0.0513	N/A	0.0645	0.4135
EN	SRD434	0.00	N/A	0.87	62.52	0.0023	N/A	0.0029	0.2084
FCC	BT2400	0.01	50.00	1.73	N/A	0.0046	N/A	0.0058	N/A
FCC	BLE2400	0.01	50.00	1.73	N/A	0.0046	N/A	0.0058	N/A
FCC	WiFi2400	0.06	50.00	4.81	N/A	0.0128	N/A	0.0160	N/A
FCC	LTE BAND 5	0.63	27.47	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	LTE BAND 7	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 38	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 26	0.63	27.13	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	LTE BAND 2	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 25	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 4	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 12	0.63	23.30	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	LTE BAND 13	0.63	25.90	15.42	N/A	0.0409	N/A	0.0514	N/A



Regional Requirement	RAT	RF Exposure Level at minimum compliance boundary of 0.2 m							
		S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (µT)	
		Result	Limit	Result	Limit	Result	Limit	Result	Limit
FCC	LTE BAND 41	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	SRD915	0.02	30.07	2.45	N/A	0.0065	N/A	0.0082	N/A
AUSTRALIA	BT2400	0.01	50.00	1.73	137.00	0.0046	0.3640	0.0058	N/A
AUSTRALIA	BLE2400	0.01	50.00	1.73	137.00	0.0046	0.3640	0.0058	N/A
AUSTRALIA	WiFi2400	0.06	50.00	4.81	137.00	0.0128	0.3640	0.0160	N/A
AUSTRALIA	LTE BAND 5	0.63	20.61	15.42	88.14	0.0409	0.2337	0.0514	N/A
AUSTRALIA	LTE BAND 7	0.79	50.00	17.30	137.00	0.0459	0.3640	0.0577	N/A
AUSTRALIA	LTE BAND 38	0.79	50.00	17.30	137.00	0.0459	0.3640	0.0577	N/A
AUSTRALIA	LTE BAND 1	0.79	48.00	17.30	134.52	0.0459	0.3567	0.0577	N/A
AUSTRALIA	LTE BAND 3	0.79	42.75	17.30	126.95	0.0459	0.3366	0.0577	N/A
AUSTRALIA	LTE BAND 8	0.63	22.00	15.42	91.07	0.0409	0.2415	0.0514	N/A
AUSTRALIA	LTE BAND 20	0.63	20.80	15.42	88.55	0.0409	0.2348	0.0514	N/A
AUSTRALIA	LTE BAND 28	0.63	17.58	15.42	81.40	0.0409	0.2158	0.0514	N/A
AUSTRALIA	LTE BAND 40	0.79	50.00	17.30	137.00	0.0459	0.3640	0.0577	N/A
AUSTRALIA	WCDMA BAND 1	0.99	48.00	19.34	134.52	0.0513	0.3567	0.0645	N/A
AUSTRALIA	WCDMA BAND 8	0.79	22.00	17.24	91.07	0.0457	0.2415	0.0575	N/A
AUSTRALIA	GSM900	1.58	22.01	24.38	91.08	0.0647	0.2415	0.0813	N/A
AUSTRALIA	GSM1800	0.99	42.76	19.34	126.96	0.0513	0.3366	0.0645	N/A
AUSTRALIA	SRD434	0.00	10.86	0.87	63.98	0.0023	0.1696	0.0029	N/A
NEW ZEALAND	BT2400	0.01	50.00	1.73	137.00	0.0046	0.3600	0.0058	N/A
NEW ZEALAND	BLE2400	0.01	50.00	1.73	137.00	0.0046	0.3600	0.0058	N/A
NEW ZEALAND	WiFi2400	0.06	50.00	4.81	137.00	0.0128	0.3600	0.0160	N/A
NEW ZEALAND	LTE BAND 5	0.63	20.61	15.42	86.13	0.0409	0.2297	0.0514	N/A
NEW ZEALAND	LTE BAND 7	0.79	50.00	17.30	137.00	0.0459	0.3600	0.0577	N/A
NEW ZEALAND	LTE BAND 38	0.79	50.00	17.30	137.00	0.0459	0.3600	0.0577	N/A
NEW ZEALAND	LTE BAND 1	0.79	48.00	17.30	131.45	0.0459	0.3505	0.0577	N/A
NEW ZEALAND	LTE BAND 3	0.79	42.75	17.30	124.06	0.0459	0.3308	0.0577	N/A
NEW ZEALAND	LTE BAND 8	0.63	22.00	15.42	88.99	0.0409	0.2373	0.0514	N/A
NEW ZEALAND	LTE BAND 20	0.63	20.80	15.42	88.55	0.0409	0.2348	0.0514	N/A
NEW ZEALAND	LTE BAND 28	0.63	17.58	15.42	79.54	0.0409	0.2121	0.0514	N/A
NEW ZEALAND	LTE BAND 40	0.79	50.00	17.30	137.00	0.0459	0.3600	0.0577	N/A
NEW ZEALAND	WCDMA BAND 1	0.99	48.00	19.34	131.45	0.0513	0.3505	0.0645	N/A
NEW ZEALAND	WCDMA BAND 8	0.79	22.00	17.24	88.99	0.0457	0.2373	0.0575	N/A
NEW ZEALAND	GSM900	1.58	22.01	24.38	89.00	0.0647	0.2373	0.0813	N/A
NEW ZEALAND	GSM1800	0.99	42.76	19.34	124.06	0.0513	0.3308	0.0645	N/A
NEW ZEALAND	SRD434	0.00	10.86	0.87	62.52	0.0023	0.1667	0.0029	N/A

**Table 2 – Worker/Occupational Exposure Results**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum of 0.2 m.

Regional Requirement	RAT	RF Exposure Level at minimum compliance boundary of 0.2 m							
		S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (µT)	
		Result	Limit	Result	Limit	Result	Limit	Result	Limit
EN	BT2400	0.01	10.00	1.73	61.00	0.0046	0.1600	0.0058	0.2000
EN	BLE2400	0.01	10.00	1.73	61.00	0.0046	0.1600	0.0058	0.2000
EN	WiFi2400	0.06	10.00	4.81	61.00	0.0128	0.1600	0.0160	0.2000
EN	LTE BAND 5	0.63	4.12	15.42	39.47	0.0409	0.1062	0.0514	0.1321
EN	LTE BAND 7	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	0.2000
EN	LTE BAND 38	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	0.2000
EN	LTE BAND 1	0.79	9.60	17.30	60.25	0.0459	0.1621	0.0577	0.2016
EN	LTE BAND 3	0.79	8.55	17.30	56.86	0.0459	0.1530	0.0577	0.1902
EN	LTE BAND 8	0.63	4.40	15.42	40.79	0.0409	0.1098	0.0514	0.1365
EN	LTE BAND 20	0.63	4.16	15.42	39.66	0.0409	0.1067	0.0514	0.1327
EN	LTE BAND 28	0.63	3.52	15.42	36.46	0.0409	0.0981	0.0514	0.1220
EN	LTE BAND 40	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	0.2000
EN	WCDMA BAND 1	0.99	9.60	19.34	60.25	0.0513	0.1621	0.0645	0.2016
EN	WCDMA BAND 8	0.79	4.40	17.24	40.79	0.0457	0.1098	0.0575	0.1365
EN	GSM900	1.58	4.40	24.38	40.79	0.0647	0.1098	0.0813	0.1365
EN	GSM1800	0.99	8.55	19.34	56.86	0.0513	0.1530	0.0645	0.1902
EN	SRD434	0.00	2.17	0.87	28.65	0.0023	0.0771	0.0029	0.0959
FCC	BT2400	0.01	10.00	1.73	N/A	0.0046	N/A	0.0058	N/A
FCC	BLE2400	0.01	10.00	1.73	N/A	0.0046	N/A	0.0058	N/A
FCC	WiFi2400	0.06	10.00	4.81	N/A	0.0128	N/A	0.0160	N/A
FCC	LTE BAND 5	0.63	5.49	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	LTE BAND 7	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 38	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 26	0.63	5.43	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	LTE BAND 2	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 25	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 4	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	LTE BAND 12	0.63	4.66	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	LTE BAND 13	0.63	5.18	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	LTE BAND 41	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	SRD915	0.02	6.01	2.45	N/A	0.0065	N/A	0.0082	N/A
AUSTRALIA	BT2400	0.01	10.00	1.73	61.40	0.0046	0.1630	0.0058	N/A
AUSTRALIA	BLE2400	0.01	10.00	1.73	61.40	0.0046	0.1630	0.0058	N/A
AUSTRALIA	WiFi2400	0.06	10.00	4.81	61.40	0.0128	0.1630	0.0160	N/A



Regional Requirement	RAT	RF Exposure Level at minimum compliance boundary of 0.2 m							
		S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (µT)	
		Result	Limit	Result	Limit	Result	Limit	Result	Limit
AUSTRALIA	LTE BAND 5	0.63	4.12	15.42	39.33	0.0409	0.1045	0.0514	N/A
AUSTRALIA	LTE BAND 7	0.79	10.00	17.30	61.40	0.0459	0.1630	0.0577	N/A
AUSTRALIA	LTE BAND 38	0.79	10.00	17.30	61.40	0.0459	0.1630	0.0577	N/A
AUSTRALIA	LTE BAND 1	0.79	9.60	17.30	60.03	0.0459	0.1595	0.0577	N/A
AUSTRALIA	LTE BAND 3	0.79	8.55	17.30	56.65	0.0459	0.1505	0.0577	N/A
AUSTRALIA	LTE BAND 8	0.63	4.40	15.42	40.64	0.0409	0.1080	0.0514	N/A
AUSTRALIA	LTE BAND 20	0.63	4.16	15.42	39.52	0.0409	0.1050	0.0514	N/A
AUSTRALIA	LTE BAND 28	0.63	3.52	15.42	36.32	0.0409	0.0965	0.0514	N/A
AUSTRALIA	LTE BAND 40	0.79	10.00	17.30	61.40	0.0459	0.1630	0.0577	N/A
AUSTRALIA	WCDMA BAND 1	0.99	9.60	19.34	60.03	0.0513	0.1595	0.0645	N/A
AUSTRALIA	WCDMA BAND 8	0.79	4.40	17.24	40.64	0.0457	0.1080	0.0575	N/A
AUSTRALIA	GSM900	1.58	4.40	24.38	40.65	0.0647	0.1080	0.0813	N/A
AUSTRALIA	GSM1800	0.99	8.55	19.34	56.66	0.0513	0.1505	0.0645	N/A
AUSTRALIA	SRD434	0.00	2.17	0.87	28.55	0.0023	0.0759	0.0029	N/A
NEW ZEALAND	BT2400	0.01	10.00	1.73	61.00	0.0046	0.1600	0.0058	N/A
NEW ZEALAND	BLE2400	0.01	10.00	1.73	61.00	0.0046	0.1600	0.0058	N/A
NEW ZEALAND	WiFi2400	0.06	10.00	4.81	61.00	0.0128	0.1600	0.0160	N/A
NEW ZEALAND	LTE BAND 5	0.63	4.12	15.42	39.47	0.0409	0.1062	0.0514	N/A
NEW ZEALAND	LTE BAND 7	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	N/A
NEW ZEALAND	LTE BAND 38	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	N/A
NEW ZEALAND	LTE BAND 1	0.79	9.60	17.30	60.25	0.0459	0.1621	0.0577	N/A
NEW ZEALAND	LTE BAND 3	0.79	8.55	17.30	56.86	0.0459	0.1530	0.0577	N/A
NEW ZEALAND	LTE BAND 8	0.63	4.40	15.42	40.79	0.0409	0.1098	0.0514	N/A
NEW ZEALAND	LTE BAND 20	0.63	4.16	15.42	39.66	0.0409	0.1067	0.0514	N/A
NEW ZEALAND	LTE BAND 28	0.63	3.52	15.42	36.46	0.0409	0.0981	0.0514	N/A
NEW ZEALAND	LTE BAND 40	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	N/A
NEW ZEALAND	WCDMA BAND 1	0.99	9.60	19.34	60.25	0.0513	0.1621	0.0645	N/A
NEW ZEALAND	WCDMA BAND 8	0.79	4.40	17.24	40.79	0.0457	0.1098	0.0575	N/A
NEW ZEALAND	GSM900	1.58	4.40	24.38	40.79	0.0647	0.1098	0.0813	N/A
NEW ZEALAND	GSM1800	0.99	8.55	19.34	56.86	0.0513	0.1530	0.0645	N/A
NEW ZEALAND	SRD434	0.00	2.17	0.87	28.65	0.0023	0.0771	0.0029	N/A

**Table 3 – General Public Exposure Results**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum of 0.2 m.



**1.3.1 Configuration - Multiple Transmitters**

Regional Requirement	Combination	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
		S Power Density	E Field	H Field	B Field
		Summation for simultaneous exposure; value to be <1			
EN	Combination 01 LTE BAND 5 + SRD434 + WiFi2400	N/A	0.0334	N/A	0.0335
EN	Combination 02 LTE BAND 7+ SRD434 + WiFi2400	N/A	0.0166	N/A	0.0179
EN	Combination 03 LTE BAND 38+ SRD434 + WiFi2400	N/A	0.0166	N/A	0.0179
EN	Combination 04 LTE BAND1 + SRD434 + WiFi2400	N/A	0.0187	N/A	0.0188
EN	Combination 05 LTE BAND 3+ SRD434 + WiFi2400	N/A	0.0208	N/A	0.0209
EN	Combination 06 LTE BAND 8 + SRD434 + WiFi2400	N/A	0.0314	N/A	0.0315
EN	Combination 07 LTE BAND 20 + SRD434 + WiFi2400	N/A	0.0331	N/A	0.0332
EN	Combination 08 LTE BAND 28 + SRD434 + WiFi2400	N/A	0.0389	N/A	0.0390
EN	Combination 09 LTE BAND 40 + SRD434 + WiFi2400	N/A	0.0166	N/A	0.0179
EN	Combination 10 WCDMA BAND 1+ SRD434 + WiFi2400	N/A	0.0230	N/A	0.0231
EN	Combination 11 WCDMA BAND 8 + SRD434 + WiFi2400	N/A	0.0389	N/A	0.0390
EN	Combination 12 GSM900 + SRD434 + WiFi2400	N/A	0.0764	N/A	0.0765
EN	Combination 13 GSM1800 + SRD434 + WiFi2400	N/A	0.0257	N/A	0.0258
FCC	Combination 14 LTE BAND 26 + SRD915 + WiFi2400	0.0250	N/A	N/A	N/A
FCC	Combination 15 LTE BAND 2 + SRD915 + WiFi2400	0.0176	N/A	N/A	N/A
FCC	Combination 16 LTE BAND 25 + SRD915 + WiFi2400	0.0176	N/A	N/A	N/A
FCC	Combination 17 LTE BAND 4 + SRD915 + WiFi2400	0.0176	N/A	N/A	N/A
FCC	Combination 18 LTE BAND 12 + SRD915 + WiFi2400	0.0288	N/A	N/A	N/A
FCC	Combination 19 LTE BAND 13 + SRD915 + WiFi2400	0.0261	N/A	N/A	N/A
FCC	Combination 20 LTE BAND 41 + SRD915 + WiFi2400	0.0176	N/A	N/A	N/A
FCC	Combination 21 LTE BAND 5 + SRD915 + WiFi2400	0.0247	N/A	N/A	N/A
FCC	Combination 22 LTE BAND 7 + SRD915 + WiFi2400	0.0176	N/A	N/A	N/A





Regional Requirement	Combination	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
		S Power Density	E Field	H Field	B Field
		Summation for simultaneous exposure; value to be <1			
FCC	Combination 23 LTE BAND 38 + SRD915 + WiFi2400	0.0176	N/A	N/A	N/A
AUSTRALIA	Combination 01 LTE BAND 5 + SRD434 + WiFi2400	0.0320	0.0320	0.0320	N/A
AUSTRALIA	Combination 02 LTE BAND 7+ SRD434 + WiFi2400	0.0173	0.0174	0.0173	N/A
AUSTRALIA	Combination 03 LTE BAND 38+ SRD434 + WiFi2400	0.0173	0.0174	0.0173	N/A
AUSTRALIA	Combination 04 LTE BAND1 + SRD434 + WiFi2400	0.0180	0.0180	0.0180	N/A
AUSTRALIA	Combination 05 LTE BAND 3+ SRD434 + WiFi2400	0.0200	0.0200	0.0200	N/A
AUSTRALIA	Combination 06 LTE BAND 8 + SRD434 + WiFi2400	0.0301	0.0301	0.0301	N/A
AUSTRALIA	Combination 07 LTE BAND 20 + SRD434 + WiFi2400	0.0317	0.0317	0.0318	N/A
AUSTRALIA	Combination 08 LTE BAND 28 + SRD434 + WiFi2400	0.0373	0.0373	0.0373	N/A
AUSTRALIA	Combination 09 LTE BAND 40 + SRD434 + WiFi2400	0.0173	0.0174	0.0173	N/A
AUSTRALIA	Combination 10 WCDMA BAND 1+ SRD434 + WiFi2400	0.0221	0.0221	0.0221	N/A
AUSTRALIA	Combination 11 WCDMA BAND 8 + SRD434 + WiFi2400	0.0372	0.0373	0.0373	N/A
AUSTRALIA	Combination 12 GSM900 + SRD434 + WiFi2400	0.0731	0.0731	0.0731	N/A
AUSTRALIA	Combination 13 GSM1800 + SRD434 + WiFi2400	0.0246	0.0246	0.0246	N/A
NEW ZEALAND	Combination 01 LTE BAND 5 + SRD434 + WiFi2400	0.0320	0.0335	0.0332	N/A
NEW ZEALAND	Combination 02 LTE BAND 7+ SRD434 + WiFi2400	0.0173	0.0174	0.0177	N/A
NEW ZEALAND	Combination 03 LTE BAND 38+ SRD434 + WiFi2400	0.0173	0.0174	0.0177	N/A
NEW ZEALAND	Combination 04 LTE BAND1 + SRD434 + WiFi2400	0.0180	0.0187	0.0186	N/A
NEW ZEALAND	Combination 05 LTE BAND 3+ SRD434 + WiFi2400	0.0200	0.0209	0.0207	N/A
NEW ZEALAND	Combination 06 LTE BAND 8 + SRD434 + WiFi2400	0.0301	0.0314	0.0311	N/A
NEW ZEALAND	Combination 07 LTE BAND 20 + SRD434 + WiFi2400	0.0317	0.0332	0.0329	N/A
NEW ZEALAND	Combination 08 LTE BAND 28 + SRD434 + WiFi2400	0.0373	0.0390	0.0386	N/A
NEW ZEALAND	Combination 09 LTE BAND 40 + SRD434 + WiFi2400	0.0173	0.0174	0.0177	N/A



Regional Requirement	Combination	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
		S Power Density	E Field	H Field	B Field
		Summation for simultaneous exposure; value to be <1			
NEW ZEALAND	Combination 10 WCDMA BAND 1+ SRD434 + WiFi2400	0.0221	0.0231	0.0229	N/A
NEW ZEALAND	Combination 11 WCDMA BAND 8 + SRD434 + WiFi2400	0.0372	0.0390	0.0386	N/A
NEW ZEALAND	Combination 12 GSM900 + SRD434 + WiFi2400	0.0731	0.0765	0.0757	N/A
NEW ZEALAND	Combination 13 GSM1800 + SRD434 + WiFi2400	0.0246	0.0257	0.0255	N/A

**Table 4 – Worker/Occupational Exposure Results**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum of 0.2 m.

Regional Requirement	Combination	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
		S Power Density	E Field	H Field	B Field
		Summation for simultaneous exposure; value to be <1			
EN	Combination 01 LTE BAND 5 + SRD434 + WiFi2400	0.1601	0.1597	0.1555	0.1588
EN	Combination 02 LTE BAND 7+ SRD434 + WiFi2400	0.0864	0.0876	0.0895	0.0905
EN	Combination 03 LTE BAND 38+ SRD434 + WiFi2400	0.0864	0.0876	0.0895	0.0905
EN	Combination 04 LTE BAND1 + SRD434 + WiFi2400	0.0898	0.0896	0.0874	0.0892
EN	Combination 05 LTE BAND 3+ SRD434 + WiFi2400	0.0999	0.0997	0.0972	0.0992
EN	Combination 06 LTE BAND 8 + SRD434 + WiFi2400	0.1504	0.1500	0.1461	0.1492
EN	Combination 07 LTE BAND 20 + SRD434 + WiFi2400	0.1586	0.1583	0.1541	0.1574
EN	Combination 08 LTE BAND 28 + SRD434 + WiFi2400	0.1865	0.1860	0.1811	0.1849
EN	Combination 09 LTE BAND 40 + SRD434 + WiFi2400	0.0864	0.0876	0.0895	0.0905
EN	Combination 10 WCDMA BAND 1+ SRD434 + WiFi2400	0.1104	0.1102	0.1074	0.1097
EN	Combination 11 WCDMA BAND 8 + SRD434 + WiFi2400	0.1862	0.1858	0.1808	0.1847
EN	Combination 12 GSM900 + SRD434 + WiFi2400	0.3653	0.3643	0.3543	0.3619
EN	Combination 13 GSM1800 + SRD434 + WiFi2400	0.1231	0.1228	0.1197	0.1222



Regional Requirement	Combination	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
		S Power Density	E Field	H Field	B Field
		Summation for simultaneous exposure; value to be <1			
FCC	Combination 14 LTE BAND 26 + SRD915 + WiFi2400	0.1250	N/A	N/A	N/A
FCC	Combination 15 LTE BAND 2 + SRD915 + WiFi2400	0.0882	N/A	N/A	N/A
FCC	Combination 16 LTE BAND 25 + SRD915 + WiFi2400	0.0882	N/A	N/A	N/A
FCC	Combination 17 LTE BAND 4 + SRD915 + WiFi2400	0.0882	N/A	N/A	N/A
FCC	Combination 18 LTE BAND 12 + SRD915 + WiFi2400	0.1441	N/A	N/A	N/A
FCC	Combination 19 LTE BAND 13 + SRD915 + WiFi2400	0.1305	N/A	N/A	N/A
FCC	Combination 20 LTE BAND 41 + SRD915 + WiFi2400	0.0882	N/A	N/A	N/A
FCC	Combination 21 LTE BAND 5 + SRD915 + WiFi2400	0.1236	N/A	N/A	N/A
FCC	Combination 22 LTE BAND 7 + SRD915 + WiFi2400	0.0882	N/A	N/A	N/A
FCC	Combination 23 LTE BAND 38 + SRD915 + WiFi2400	0.0882	N/A	N/A	N/A
AUSTRALIA	Combination 01 LTE BAND 5 + SRD434 + WiFi2400	0.1601	0.1607	0.1602	N/A
AUSTRALIA	Combination 02 LTE BAND 7+ SRD434 + WiFi2400	0.0864	0.0864	0.0863	N/A
AUSTRALIA	Combination 03 LTE BAND 38+ SRD434 + WiFi2400	0.0864	0.0864	0.0863	N/A
AUSTRALIA	Combination 04 LTE BAND1 + SRD434 + WiFi2400	0.0898	0.0901	0.0898	N/A
AUSTRALIA	Combination 05 LTE BAND 3+ SRD434 + WiFi2400	0.0999	0.1003	0.1000	N/A
AUSTRALIA	Combination 06 LTE BAND 8 + SRD434 + WiFi2400	0.1504	0.1510	0.1505	N/A
AUSTRALIA	Combination 07 LTE BAND 20 + SRD434 + WiFi2400	0.1586	0.1593	0.1588	N/A
AUSTRALIA	Combination 08 LTE BAND 28 + SRD434 + WiFi2400	0.1865	0.1872	0.1866	N/A
AUSTRALIA	Combination 09 LTE BAND 40 + SRD434 + WiFi2400	0.0864	0.0864	0.0863	N/A
AUSTRALIA	Combination 10 WCDMA BAND 1+ SRD434 + WiFi2400	0.1104	0.1109	0.1105	N/A
AUSTRALIA	Combination 11 WCDMA BAND 8 + SRD434 + WiFi2400	0.1862	0.1870	0.1864	N/A
AUSTRALIA	Combination 12 GSM900 + SRD434 + WiFi2400	0.3653	0.3668	0.3656	N/A
AUSTRALIA	Combination 13 GSM1800 + SRD434 + WiFi2400	0.1231	0.1236	0.1232	N/A



Regional Requirement	Combination	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
		S Power Density	E Field	H Field	B Field
		Summation for simultaneous exposure; value to be <1			
NEW ZEALAND	Combination 01 LTE BAND 5 + SRD434 + WiFi2400	0.1601	0.1597	0.1555	N/A
NEW ZEALAND	Combination 02 LTE BAND 7+ SRD434 + WiFi2400	0.0864	0.0876	0.0895	N/A
NEW ZEALAND	Combination 03 LTE BAND 38+ SRD434 + WiFi2400	0.0864	0.0876	0.0895	N/A
NEW ZEALAND	Combination 04 LTE BAND1 + SRD434 + WiFi2400	0.0898	0.0896	0.0874	N/A
NEW ZEALAND	Combination 05 LTE BAND 3+ SRD434 + WiFi2400	0.0999	0.0997	0.0972	N/A
NEW ZEALAND	Combination 06 LTE BAND 8 + SRD434 + WiFi2400	0.1504	0.1500	0.1461	N/A
NEW ZEALAND	Combination 07 LTE BAND 20 + SRD434 + WiFi2400	0.1586	0.1583	0.1541	N/A
NEW ZEALAND	Combination 08 LTE BAND 28 + SRD434 + WiFi2400	0.1865	0.1860	0.1811	N/A
NEW ZEALAND	Combination 09 LTE BAND 40 + SRD434 + WiFi2400	0.0864	0.0876	0.0895	N/A
NEW ZEALAND	Combination 10 WCDMA BAND 1+ SRD434 + WiFi2400	0.1104	0.1102	0.1074	N/A
NEW ZEALAND	Combination 11 WCDMA BAND 8 + SRD434 + WiFi2400	0.1862	0.1858	0.1808	N/A
NEW ZEALAND	Combination 12 GSM900 + SRD434 + WiFi2400	0.3653	0.3643	0.3543	N/A
NEW ZEALAND	Combination 13 GSM1800 + SRD434 + WiFi2400	0.1231	0.1228	0.1197	N/A

**Table 5 – General Public Exposure Results**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum of 0.2 m.



**1.4 Product Information**

**1.4.1 Technical Description**

The MiX 6AMB-4G is a high-end Fleet product that incorporates the latest market trends. It supports LTE CAT 4 with 2G/3G fallback, 3-Axis Accelerometer, Wi-Fi, Bluetooth, 434 or 915 MHz Short Range Device and GNSS. The MiX 6AMB-4G-B is the same design, but it also includes a backup battery.

The kit consists of:

Main Harness MP10, External LTE Antenna PA8, PUCK Antenna and Code Plug Socket Harness CP4.

**1.4.2 Transmitter Description**

The following radio access technologies and frequency bands are supported by the equipment under test.

Radio Access Technology	Antenna Port	Frequency Band (MHz)	Minimum Frequency (MHz)	Output Power (dBm)	Duty Cycle (%)
BT2400	1	2400-2480	2400	6.02	50
BLE2400	1	2400-2480	2400	6.02	50
WiFi2400	1	2400-2480	2400	14.91	50
LTE BAND 5	1	824.2-848.8	824.2	23.01	100
LTE BAND 7	1	2500-2570	2500	23.01	100
LTE BAND 38	1	2570-2620	2570	23.01	100

**Table 6 – Transmitter Description (FCC, EN, AUS, NZ)**

Radio Access Technology	Antenna Port	Frequency Band (MHz)	Minimum Frequency (MHz)	Output Power (dBm)	Duty Cycle (%)
LTE BAND 26	1	824.2-848.8	824.2	23.01	100
LTE BAND 2	1	1850-1910	1850	23.01	100
LTE BAND 25	1	1850-1910	1850	23.01	100
LTE BAND 4	1	1710-1755	1710	23.01	100
LTE BAND 12	1	699-716	699	23.01	100
LTE BAND 13	1	777-787	777	23.01	100
LTE BAND 41	1	2496-2690	2496	23.01	100
SRD915	2	902-928	902	16.02	10

**Table 7 – Transmitter Description (FCC)**



Radio Access Technology	Antenna Port	Frequency Band (MHz)	Minimum Frequency (MHz)	Output Power (dBm)	Duty Cycle (%)
LTE BAND 1	1	1920-1980	1920	23.01	100
LTE BAND 3	1	1710-1785	1710	23.01	100
LTE BAND 8	1	880-915	880	23.01	100
LTE BAND 20	1	832-847	832	23.01	100
LTE BAND 28	1	703-748	703	23.01	100
LTE BAND 40	1	2300-2400	2300	23.01	100
WCDMA BAND 1	1	1920-1980	1920	23.98	100
WCDMA BAND 8	1	880-915	880	23.98	100
GSM900	1	880.2-914.8	880.2	33.01	25
GSM1800	1	1710.2-1747.5	1710.2	30.00	25
SRD434	2	434.3	434.3	10.00	10

**Table 8 – Transmitter Description (EN, AUS, NZ)**

Note: Transmitter power includes upper bounds of uncertainty therefore maximum values are used in accordance with Section 2.5.

### 1.4.3 Antenna Description

The following antennas are supported by the equipment under test.

Antenna No	Radio Access Technology	Antenna Model	Gain (dBi)	Antenna length (cm)	Minimum Separation Distance (cm)
1	BT2400	Multi-band	3	8.2	20
1	BLE2400	Multi-band	3	8.2	20
1	WiFi2400	Multi-band	3	8.2	20
1	LTE BAND 5	Multi-band	2	8.2	20
1	LTE BAND 7	Multi-band	3	8.2	20
1	LTE BAND 38	Multi-band	3	8.2	20
1	LTE BAND 26	Multi-band	2	8.2	20
1	LTE BAND 2	Multi-band	3	8.2	20
1	LTE BAND 25	Multi-band	3	8.2	20
1	LTE BAND 4	Multi-band	3	8.2	20
1	LTE BAND 12	Multi-band	2	8.2	20
1	LTE BAND 13	Multi-band	2	8.2	20
1	LTE BAND 41	Multi-band	3	8.2	20
1	LTE BAND 1	Multi-band	3	8.2	20
1	LTE BAND 3	Multi-band	3	8.2	20
1	LTE BAND 8	Multi-band	2	8.2	20
1	LTE BAND 20	Multi-band	2	8.2	20



Antenna No	Radio Access Technology	Antenna Model	Gain (dBi)	Antenna length (cm)	Minimum Separation Distance (cm)
1	LTE BAND 28	Multi-band	2	8.2	20
1	LTE BAND 40	Multi-band	3	8.2	20
1	WCDMA BAND 1	Multi-band	3	8.2	20
1	WCDMA BAND 8	Multi-band	2	8.2	20
1	GSM900	Multi-band	2	8.2	20
1	GSM1800	Multi-band	3	8.2	20
2	SRD915	Multi-band	3	17.5	20
2	SRD434	Multi-band	0	17.5	20

**Table 9 – Antenna description**

In the case of more than one type of antenna being supported by the equipment, the calculation is based on the maximum of the antenna gains. If other antennas can be used that have greater gains, the minimum separation distances will need to be recalculated.

Note: Antenna gain includes upper bounds of uncertainty therefore maximum values are used in accordance with Section 2.5.

**1.4.4 Equipment Configuration**

**EN/AUS/NZ**

- Combination 01 LTE BAND 5 + SRD434 + WiFi2400
- Combination 02 LTE BAND 7 + SRD434 + WiFi2400
- Combination 03 LTE BAND 38 + SRD434 + WiFi2400
- Combination 04 LTE BAND 1 + SRD434 + WiFi2400
- Combination 05 LTE BAND 3 + SRD434 + WiFi2400
- Combination 06 LTE BAND 8 + SRD434 + WiFi2400
- Combination 07 LTE BAND 20 + SRD434 + WiFi2400
- Combination 08 LTE BAND 28 + SRD434 + WiFi2400
- Combination 09 LTE BAND 40 + SRD434 + WiFi2400
- Combination 10 WCDMA BAND 1 + SRD434 + WiFi2400
- Combination 11 WCDMA BAND 8 + SRD434 + WiFi2400
- Combination 12 GSM900 + SRD434 + WiFi2400
- Combination 13 GSM1800 + SRD434 + WiFi2400

**FCC**

- Combination 14 LTE BAND 26 + SRD915 + WiFi2400
- Combination 15 LTE BAND 2 + SRD915 + WiFi2400
- Combination 16 LTE BAND 25 + SRD915 + WiFi2400
- Combination 17 LTE BAND 4 + SRD915 + WiFi2400
- Combination 18 LTE BAND 12 + SRD915 + WiFi2400
- Combination 19 LTE BAND 13 + SRD915 + WiFi2400
- Combination 20 LTE BAND 41 + SRD915 + WiFi2400
- Combination 21 LTE BAND 5 + SRD915 + WiFi2400
- Combination 22 LTE BAND 7 + SRD915 + WiFi2400
- Combination 23 LTE BAND 38 + SRD915 + WiFi2400

Note:

MAX ( BT2400, BLE2400, WiFi2400 ) = WiFi2400



## 2 Assessment Details

### 2.1 Assessment Method

The assessment method is by calculation of the power density  $S$ , electric field strength  $E$ , magnetic field strength  $H$  or magnetic flux density  $B$ .

The calculation uses the spherical model applicable under far field conditions.

$$S = E \times H = \frac{E^2}{\eta} = H^2 \times \eta = \frac{P \times G_i}{4 \times \pi \times r^2}$$

Where:

$\eta$  - Impedance of free space (377 ohm in far field)

$P$  – Average transmitter power  $W$  ( $P_{av} = P_{max} \times \text{Duty Cycle}$ )

$G_i$  – Antenna gain ratio relative to isotropic

$r$  – Separation distance  $m$

The magnetic flux density is related to the magnetic field strength by a constant:

$$B = \mu_o \times H$$

Where:

$\mu_o$  – Permeability of free space  $4 \times \pi \text{ E-7 H/m}$

This assessment assumes that exposure is continuous for 6 minutes or more in accordance with the averaging time required by the exposure standards at the stated minimum compliance boundary separation distance. Exposures of less than 6 minutes at other separation distances are not addressed by this report.

This assessment method of RF exposure is applicable to separation distances of 20 cm or more. Separation distances of less than 20 cm require a Specific Absorption Rate (SAR) assessment.

The far field region boundary depends on the frequency and wavelength and also on the antenna dimension. The boundary of the far field region is calculated below to demonstrate the validity of using the spherical model.

The result is compared to the limits in Annex A to determine compliance or to calculate the required compliance distance. The calculation is based on the lowest frequency in each band as the most onerous requirement as the limits increase with frequency for frequencies above 10-50 MHz (dependent on region).





**2.2 Individual Antenna Port Exposure Results**

**2.2.1 Calculation of Exposure at Specified Separation Distance**

The frequencies shown in the tables below have been chosen based on the lowest possible frequency that the EUT can transmit. A full list of the regional requirements is shown in Annex A.

Regional Requirement	Antenna Port	RAT	Frequency (MHz)	RF Exposure Level at minimum compliance boundary of 0.2 m							
				S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (μT)	
				Result	Limit	Result	Limit	Result	Limit	Result	Limit
EN	1	BT2400	2400	0.01	N/A	1.73	140.00	0.0046	N/A	0.0058	0.4500
EN	1	BLE2400	2400	0.01	N/A	1.73	140.00	0.0046	N/A	0.0058	0.4500
EN	1	WiFi2400	2400	0.06	N/A	4.81	140.00	0.0128	N/A	0.0160	0.4500
EN	1	LTE BAND 5	824.2	0.63	N/A	15.42	86.13	0.0409	N/A	0.0514	0.2871
EN	1	LTE BAND 7	2500	0.79	N/A	17.30	140.00	0.0459	N/A	0.0577	0.4500
EN	1	LTE BAND 38	2570	0.79	N/A	17.30	140.00	0.0459	N/A	0.0577	0.4500
EN	1	LTE BAND 1	1920	0.79	N/A	17.30	131.45	0.0459	N/A	0.0577	0.4382
EN	1	LTE BAND 3	1710	0.79	N/A	17.30	124.06	0.0459	N/A	0.0577	0.4135
EN	1	LTE BAND 8	880	0.63	N/A	15.42	88.99	0.0409	N/A	0.0514	0.2966
EN	1	LTE BAND 20	832	0.63	N/A	15.42	86.53	0.0409	N/A	0.0514	0.2884
EN	1	LTE BAND 28	703	0.63	N/A	15.42	79.54	0.0409	N/A	0.0514	0.2651
EN	1	LTE BAND 40	2300	0.79	N/A	17.30	140.00	0.0459	N/A	0.0577	0.4500
EN	1	WCDMA BAND 1	1920	0.99	N/A	19.34	131.45	0.0513	N/A	0.0645	0.4382
EN	1	WCDMA BAND 8	880	0.79	N/A	17.24	88.99	0.0457	N/A	0.0575	0.2966
EN	1	GSM900	880.2	1.58	N/A	24.38	89.00	0.0647	N/A	0.0813	0.2967
EN	1	GSM1800	1710.2	0.99	N/A	19.34	124.06	0.0513	N/A	0.0645	0.4135
EN	2	SRD434	434.3	0.00	N/A	0.87	62.52	0.0023	N/A	0.0029	0.2084
FCC	1	BT2400	2400	0.01	50.00	1.73	N/A	0.0046	N/A	0.0058	N/A
FCC	1	BLE2400	2400	0.01	50.00	1.73	N/A	0.0046	N/A	0.0058	N/A
FCC	1	WiFi2400	2400	0.06	50.00	4.81	N/A	0.0128	N/A	0.0160	N/A
FCC	1	LTE BAND 5	824.2	0.63	27.47	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	1	LTE BAND 7	2500	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 38	2570	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 26	824.2	0.63	27.13	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	1	LTE BAND 2	1850	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 25	1850	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 4	1710	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 12	699	0.63	23.30	15.42	N/A	0.0409	N/A	0.0514	N/A



Regional Requirement	Antenna Port	RAT	Frequency (MHz)	RF Exposure Level at minimum compliance boundary of 0.2 m							
				S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (μT)	
				Result	Limit	Result	Limit	Result	Limit	Result	Limit
FCC	1	LTE BAND 13	777	0.63	25.90	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	1	LTE BAND 41	2496	0.79	50.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	2	SRD915	902	0.02	30.07	2.45	N/A	0.0065	N/A	0.0082	N/A
AUSTRALIA	1	BT2400	2400	0.01	50.00	1.73	137.00	0.0046	0.3640	0.0058	N/A
AUSTRALIA	1	BLE2400	2400	0.01	50.00	1.73	137.00	0.0046	0.3640	0.0058	N/A
AUSTRALIA	1	WiFi2400	2400	0.06	50.00	4.81	137.00	0.0128	0.3640	0.0160	N/A
AUSTRALIA	1	LTE BAND 5	824.2	0.63	20.61	15.42	88.14	0.0409	0.2337	0.0514	N/A
AUSTRALIA	1	LTE BAND 7	2500	0.79	50.00	17.30	137.00	0.0459	0.3640	0.0577	N/A
AUSTRALIA	1	LTE BAND 38	2570	0.79	50.00	17.30	137.00	0.0459	0.3640	0.0577	N/A
AUSTRALIA	1	LTE BAND 1	1920	0.79	48.00	17.30	134.52	0.0459	0.3567	0.0577	N/A
AUSTRALIA	1	LTE BAND 3	1710	0.79	42.75	17.30	126.95	0.0459	0.3366	0.0577	N/A
AUSTRALIA	1	LTE BAND 8	880	0.63	22.00	15.42	91.07	0.0409	0.2415	0.0514	N/A
AUSTRALIA	1	LTE BAND 20	832	0.63	20.80	15.42	88.55	0.0409	0.2348	0.0514	N/A
AUSTRALIA	1	LTE BAND 28	703	0.63	17.58	15.42	81.40	0.0409	0.2158	0.0514	N/A
AUSTRALIA	1	LTE BAND 40	2300	0.79	50.00	17.30	137.00	0.0459	0.3640	0.0577	N/A
AUSTRALIA	1	WCDMA BAND 1	1920	0.99	48.00	19.34	134.52	0.0513	0.3567	0.0645	N/A
AUSTRALIA	1	WCDMA BAND 8	880	0.79	22.00	17.24	91.07	0.0457	0.2415	0.0575	N/A
AUSTRALIA	1	GSM900	880.2	1.58	22.01	24.38	91.08	0.0647	0.2415	0.0813	N/A
AUSTRALIA	1	GSM1800	1710.2	0.99	42.76	19.34	126.96	0.0513	0.3366	0.0645	N/A
AUSTRALIA	2	SRD434	434.3	0.00	10.86	0.87	63.98	0.0023	0.1696	0.0029	N/A
NEW ZEALAND	1	BT2400	2400	0.01	50.00	1.73	137.00	0.0046	0.3600	0.0058	N/A
NEW ZEALAND	1	BLE2400	2400	0.01	50.00	1.73	137.00	0.0046	0.3600	0.0058	N/A
NEW ZEALAND	1	WiFi2400	2400	0.06	50.00	4.81	137.00	0.0128	0.3600	0.0160	N/A
NEW ZEALAND	1	LTE BAND 5	824.2	0.63	20.61	15.42	86.13	0.0409	0.2297	0.0514	N/A
NEW ZEALAND	1	LTE BAND 7	2500	0.79	50.00	17.30	137.00	0.0459	0.3600	0.0577	N/A
NEW ZEALAND	1	LTE BAND 38	2570	0.79	50.00	17.30	137.00	0.0459	0.3600	0.0577	N/A
NEW ZEALAND	1	LTE BAND 1	1920	0.79	48.00	17.30	131.45	0.0459	0.3505	0.0577	N/A
NEW ZEALAND	1	LTE BAND 3	1710	0.79	42.75	17.30	124.06	0.0459	0.3308	0.0577	N/A



Regional Requirement	Antenna Port	RAT	Frequency (MHz)	RF Exposure Level at minimum compliance boundary of 0.2 m							
				S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (μT)	
				Result	Limit	Result	Limit	Result	Limit	Result	Limit
NEW ZEALAND	1	LTE BAND 8	880	0.63	22.00	15.42	88.99	0.0409	0.2373	0.0514	N/A
NEW ZEALAND	1	LTE BAND 20	832	0.63	20.80	15.42	88.55	0.0409	0.2348	0.0514	N/A
NEW ZEALAND	1	LTE BAND 28	703	0.63	17.58	15.42	79.54	0.0409	0.2121	0.0514	N/A
NEW ZEALAND	1	LTE BAND 40	2300	0.79	50.00	17.30	137.00	0.0459	0.3600	0.0577	N/A
NEW ZEALAND	1	WCDMA BAND 1	1920	0.99	48.00	19.34	131.45	0.0513	0.3505	0.0645	N/A
NEW ZEALAND	1	WCDMA BAND 8	880	0.79	22.00	17.24	88.99	0.0457	0.2373	0.0575	N/A
NEW ZEALAND	1	GSM900	880.2	1.58	22.01	24.38	89.00	0.0647	0.2373	0.0813	N/A
NEW ZEALAND	1	GSM1800	1710.2	0.99	42.76	19.34	124.06	0.0513	0.3308	0.0645	N/A
NEW ZEALAND	2	SRD434	434.3	0.00	10.86	0.87	62.52	0.0023	0.1667	0.0029	N/A

**Table 10 – Worker/Occupational Individual Transmitter Result**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Regional Requirement	Antenna Port	RAT	Frequency (MHz)	RF Exposure Level at minimum compliance boundary of 0.2 m							
				S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (μT)	
				Result	Limit	Result	Limit	Result	Limit	Result	Limit
EN	1	BT2400	2400	0.01	10.00	1.73	61.00	0.0046	0.1600	0.0058	0.2000
EN	1	BLE2400	2400	0.01	10.00	1.73	61.00	0.0046	0.1600	0.0058	0.2000
EN	1	WiFi2400	2400	0.06	10.00	4.81	61.00	0.0128	0.1600	0.0160	0.2000
EN	1	LTE BAND 5	824.2	0.63	4.12	15.42	39.47	0.0409	0.1062	0.0514	0.1321
EN	1	LTE BAND 7	2500	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	0.2000
EN	1	LTE BAND 38	2570	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	0.2000
EN	1	LTE BAND 1	1920	0.79	9.60	17.30	60.25	0.0459	0.1621	0.0577	0.2016
EN	1	LTE BAND 3	1710	0.79	8.55	17.30	56.86	0.0459	0.1530	0.0577	0.1902
EN	1	LTE BAND 8	880	0.63	4.40	15.42	40.79	0.0409	0.1098	0.0514	0.1365
EN	1	LTE BAND 20	832	0.63	4.16	15.42	39.66	0.0409	0.1067	0.0514	0.1327
EN	1	LTE BAND 28	703	0.63	3.52	15.42	36.46	0.0409	0.0981	0.0514	0.1220
EN	1	LTE BAND 40	2300	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	0.2000



Regional Requirement	Antenna Port	RAT	Frequency (MHz)	RF Exposure Level at minimum compliance boundary of 0.2 m							
				S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (μT)	
				Result	Limit	Result	Limit	Result	Limit	Result	Limit
EN	1	WCDMA BAND 1	1920	0.99	9.60	19.34	60.25	0.0513	0.1621	0.0645	0.2016
EN	1	WCDMA BAND 8	880	0.79	4.40	17.24	40.79	0.0457	0.1098	0.0575	0.1365
EN	1	GSM900	880.2	1.58	4.40	24.38	40.79	0.0647	0.1098	0.0813	0.1365
EN	1	GSM1800	1710.2	0.99	8.55	19.34	56.86	0.0513	0.1530	0.0645	0.1902
EN	2	SRD434	434.3	0.00	2.17	0.87	28.65	0.0023	0.0771	0.0029	0.0959
FCC	1	BT2400	2400	0.01	10.00	1.73	N/A	0.0046	N/A	0.0058	N/A
FCC	1	BLE2400	2400	0.01	10.00	1.73	N/A	0.0046	N/A	0.0058	N/A
FCC	1	WiFi2400	2400	0.06	10.00	4.81	N/A	0.0128	N/A	0.0160	N/A
FCC	1	LTE BAND 5	824.2	0.63	5.49	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	1	LTE BAND 7	2500	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 38	2570	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 26	824.2	0.63	5.43	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	1	LTE BAND 2	1850	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 25	1850	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 4	1710	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	1	LTE BAND 12	699	0.63	4.66	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	1	LTE BAND 13	777	0.63	5.18	15.42	N/A	0.0409	N/A	0.0514	N/A
FCC	1	LTE BAND 41	2496	0.79	10.00	17.30	N/A	0.0459	N/A	0.0577	N/A
FCC	2	SRD915	902	0.02	6.01	2.45	N/A	0.0065	N/A	0.0082	N/A
AUSTRALIA	1	BT2400	2400	0.01	10.00	1.73	61.40	0.0046	0.1630	0.0058	N/A
AUSTRALIA	1	BLE2400	2400	0.01	10.00	1.73	61.40	0.0046	0.1630	0.0058	N/A
AUSTRALIA	1	WiFi2400	2400	0.06	10.00	4.81	61.40	0.0128	0.1630	0.0160	N/A
AUSTRALIA	1	LTE BAND 5	824.2	0.63	4.12	15.42	39.33	0.0409	0.1045	0.0514	N/A
AUSTRALIA	1	LTE BAND 7	2500	0.79	10.00	17.30	61.40	0.0459	0.1630	0.0577	N/A
AUSTRALIA	1	LTE BAND 38	2570	0.79	10.00	17.30	61.40	0.0459	0.1630	0.0577	N/A
AUSTRALIA	1	LTE BAND 1	1920	0.79	9.60	17.30	60.03	0.0459	0.1595	0.0577	N/A
AUSTRALIA	1	LTE BAND 3	1710	0.79	8.55	17.30	56.65	0.0459	0.1505	0.0577	N/A
AUSTRALIA	1	LTE BAND 8	880	0.63	4.40	15.42	40.64	0.0409	0.1080	0.0514	N/A
AUSTRALIA	1	LTE BAND 20	832	0.63	4.16	15.42	39.52	0.0409	0.1050	0.0514	N/A
AUSTRALIA	1	LTE BAND 28	703	0.63	3.52	15.42	36.32	0.0409	0.0965	0.0514	N/A
AUSTRALIA	1	LTE BAND 40	2300	0.79	10.00	17.30	61.40	0.0459	0.1630	0.0577	N/A



Regional Requirement	Antenna Port	RAT	Frequency (MHz)	RF Exposure Level at minimum compliance boundary of 0.2 m							
				S Power Density (W/m <sup>2</sup> )		E Field (V/m)		H Field (A/m)		B Field (μT)	
				Result	Limit	Result	Limit	Result	Limit	Result	Limit
AUSTRALIA	1	WCDMA BAND 1	1920	0.99	9.60	19.34	60.03	0.0513	0.1595	0.0645	N/A
AUSTRALIA	1	WCDMA BAND 8	880	0.79	4.40	17.24	40.64	0.0457	0.1080	0.0575	N/A
AUSTRALIA	1	GSM900	880.2	1.58	4.40	24.38	40.65	0.0647	0.1080	0.0813	N/A
AUSTRALIA	1	GSM1800	1710.2	0.99	8.55	19.34	56.66	0.0513	0.1505	0.0645	N/A
AUSTRALIA	2	SRD434	434.3	0.00	2.17	0.87	28.55	0.0023	0.0759	0.0029	N/A
NEW ZEALAND	1	BT2400	2400	0.01	10.00	1.73	61.00	0.0046	0.1600	0.0058	N/A
NEW ZEALAND	1	BLE2400	2400	0.01	10.00	1.73	61.00	0.0046	0.1600	0.0058	N/A
NEW ZEALAND	1	WiFi2400	2400	0.06	10.00	4.81	61.00	0.0128	0.1600	0.0160	N/A
NEW ZEALAND	1	LTE BAND 5	824.2	0.63	4.12	15.42	39.47	0.0409	0.1062	0.0514	N/A
NEW ZEALAND	1	LTE BAND 7	2500	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	N/A
NEW ZEALAND	1	LTE BAND 38	2570	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	N/A
NEW ZEALAND	1	LTE BAND 1	1920	0.79	9.60	17.30	60.25	0.0459	0.1621	0.0577	N/A
NEW ZEALAND	1	LTE BAND 3	1710	0.79	8.55	17.30	56.86	0.0459	0.1530	0.0577	N/A
NEW ZEALAND	1	LTE BAND 8	880	0.63	4.40	15.42	40.79	0.0409	0.1098	0.0514	N/A
NEW ZEALAND	1	LTE BAND 20	832	0.63	4.16	15.42	39.66	0.0409	0.1067	0.0514	N/A
NEW ZEALAND	1	LTE BAND 28	703	0.63	3.52	15.42	36.46	0.0409	0.0981	0.0514	N/A
NEW ZEALAND	1	LTE BAND 40	2300	0.79	10.00	17.30	61.00	0.0459	0.1600	0.0577	N/A
NEW ZEALAND	1	WCDMA BAND 1	1920	0.99	9.60	19.34	60.25	0.0513	0.1621	0.0645	N/A
NEW ZEALAND	1	WCDMA BAND 8	880	0.79	4.40	17.24	40.79	0.0457	0.1098	0.0575	N/A
NEW ZEALAND	1	GSM900	880.2	1.58	4.40	24.38	40.79	0.0647	0.1098	0.0813	N/A
NEW ZEALAND	1	GSM1800	1710.2	0.99	8.55	19.34	56.86	0.0513	0.1530	0.0645	N/A
NEW ZEALAND	2	SRD434	434.3	0.00	2.17	0.87	28.65	0.0023	0.0771	0.0029	N/A

**Table 11 – General Public Individual Transmitter Result**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



### 2.3 Combined Antenna Port RF Exposure Results

As the frequency of operation for each transmitter is not the same, in order to evaluate compliance with the limit which is dependent on frequency, the fractional exposure value is calculated: The calculated S power density is divided by the limit to get a fractional exposure value. The calculated E and H fields are divided by the limit and squared to get a fractional exposure value. The summation of the fractional RF exposure results for each transmitter provides the combined result. Any values less than one are compliant with the limit.

Calculations are made on an Excel spreadsheet and numbers may not add up exactly due to rounding.

#### 2.3.1 Combination 1 - LTE BAND 5 + SRD434 + WiFi2400

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	LTE Band 5	824.2	N/A	0.0320	N/A	0.0320
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0334	N/A	0.0335

**Table 12 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	LTE Band 5	824.2	0.1530	0.1526	0.1482	0.1514
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.1601	0.1597	0.1555	0.1588

**Table 13 – EN General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	LTE Band 5	824.2	0.0306	0.0306	0.0306	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0320	0.0320	0.0320	N/A

**Table 14 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	LTE Band 5	824.2	0.1530	0.1537	0.1532	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1601	0.1607	0.1602	N/A

**Table 15 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	LTE Band 5	824.2	0.0306	0.0320	0.0317	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0320	0.0335	0.0332	N/A

**Table 16 – NEW ZEALAND Worker/Occupational Combined Exposure**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	LTE Band 5	824.2	0.1530	0.1526	0.1482	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1601	0.1597	0.1555	N/A

**Table 17 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

**2.3.2 Combination 2 - LTE BAND 7 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	LTE Band 7	2500.0	N/A	0.0153	N/A	0.0164
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0166	N/A	0.0179

**Table 18 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	LTE Band 7	2500.0	0.0794	0.0804	0.0823	0.0831
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.0864	0.0876	0.0895	0.0905

**Table 19 – EN General Public Combined Exposure**





The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	LTE Band 7	2500.0	0.0159	0.0159	0.0159	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0173	0.0174	0.0173	N/A

**Table 20 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	LTE Band 7	2500.0	0.0794	0.0794	0.0793	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0864	0.0864	0.0863	N/A

**Table 21 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	LTE Band 7	2500.0	0.0159	0.0159	0.0162	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0173	0.0174	0.0177	N/A

**Table 22 – NEW ZEALAND Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	LTE Band 7	2500.0	0.0794	0.0804	0.0823	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0864	0.0876	0.0895	N/A

**Table 23 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.3 Combination 3 - LTE BAND 38 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	LTE Band 38	2570.0	N/A	0.0153	N/A	0.0164
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0166	N/A	0.0179

**Table 24 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	LTE Band 38	2570.0	0.0794	0.0804	0.0823	0.0831
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.0864	0.0876	0.0895	0.0905

**Table 25 – EN General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	LTE Band 38	2570.0	0.0159	0.0159	0.0159	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0173	0.0174	0.0173	N/A

**Table 26 – AUSTRALIA Worker/Occupational Combined Exposure**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	LTE Band 38	2570.0	0.0794	0.0794	0.0793	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0864	0.0864	0.0863	N/A

**Table 27 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	LTE Band 38	2570.0	0.0159	0.0159	0.0162	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0173	0.0174	0.0177	N/A

**Table 28 – NEW ZEALAND Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	LTE Band 38	2570.0	0.0794	0.0804	0.0823	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0864	0.0876	0.0895	N/A

**Table 29 – NEW ZEALAND General Public Combined Exposure**



The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

**2.3.4 Combination 4 - LTE BAND 1 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	LTE Band 1	1920.0	N/A	0.0173	N/A	0.0173
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0187	N/A	0.0188

**Table 30 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	LTE Band 1	1920.0	0.0827	0.0824	0.0801	0.0818
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.0898	0.0896	0.0874	0.0892

**Table 31 – EN General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	LTE Band 1	1920.0	0.0165	0.0165	0.0166	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0180	0.0180	0.0180	N/A

**Table 32 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	LTE Band 1	1920.0	0.0827	0.0830	0.0828	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0898	0.0901	0.0898	N/A

**Table 33 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	LTE Band 1	1920.0	0.0165	0.0173	0.0171	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0180	0.0187	0.0186	N/A

**Table 34 – NEW ZEALAND Worker/Occupational Combined Exposure**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	LTE Band 1	1920.0	0.0827	0.0824	0.0801	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0898	0.0896	0.0874	N/A

**Table 35 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

**2.3.5 Combination 5 - LTE BAND 3 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	LTE Band 3	1710.0	N/A	0.0194	N/A	0.0194
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0208	N/A	0.0209

**Table 36 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	LTE Band 3	1710.0	0.0928	0.0926	0.0899	0.0919
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.0999	0.0997	0.0972	0.0992

**Table 37 – EN General Public Combined Exposure**



The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	LTE Band 3	1710.0	0.0186	0.0186	0.0186	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0200	0.0200	0.0200	N/A

**Table 38 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	LTE Band 3	1710.0	0.0928	0.0932	0.0929	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0999	0.1003	0.1000	N/A

**Table 39 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.





NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	LTE Band 3	1710.0	0.0186	0.0194	0.0192	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0200	0.0209	0.0207	N/A

**Table 40 – NEW ZEALAND Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	LTE Band 3	1710.0	0.0928	0.0926	0.0899	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0999	0.0997	0.0972	N/A

**Table 41 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

**2.3.6 Combination 6 - LTE BAND 8 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	LTE Band 8	880.0	N/A	0.0300	N/A	0.0300
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0314	N/A	0.0315

**Table 42 – EN Worker/Occupational Combined Exposure**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	LTE Band 8	880.0	0.1433	0.1429	0.1388	0.1418
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.1504	0.1500	0.1461	0.1492

**Table 43 – EN General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	LTE Band 8	880.0	0.0287	0.0287	0.0287	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0301	0.0301	0.0301	N/A

**Table 44 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	LTE Band 8	880.0	0.1433	0.1439	0.1435	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1504	0.1510	0.1505	N/A

**Table 45 – AUSTRALIA General Public Combined Exposure**



The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	LTE Band 8	880.0	0.0287	0.0300	0.0297	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0301	0.0314	0.0311	N/A

**Table 46 – NEW ZEALAND Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	LTE Band 8	880.0	0.1433	0.1429	0.1388	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1504	0.1500	0.1461	N/A

**Table 47 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.7 Combination 7 - LTE BAND 20 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	LTE Band 20	832.0	N/A	0.0317	N/A	0.0317
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0331	N/A	0.0332

**Table 48 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	LTE Band 20	832.0	0.1516	0.1511	0.1468	0.1500
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.1586	0.1583	0.1541	0.1574

**Table 49 – EN General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	LTE Band 20	832.0	0.0303	0.0303	0.0303	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0317	0.0317	0.0318	N/A

**Table 50 – AUSTRALIA Worker/Occupational Combined Exposure**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	LTE Band 20	832.0	0.1516	0.1522	0.1517	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1586	0.1593	0.1588	N/A

**Table 51 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	LTE Band 20	832.0	0.0303	0.0317	0.0314	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0317	0.0332	0.0329	N/A

**Table 52 – NEW ZEALAND Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	LTE Band 20	832.0	0.1516	0.1511	0.1468	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1586	0.1583	0.1541	N/A

**Table 53 – NEW ZEALAND General Public Combined Exposure**



The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

**2.3.8 Combination 8 - LTE BAND 28 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	LTE Band 28	703.0	N/A	0.0376	N/A	0.0376
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0389	N/A	0.0390

**Table 54 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	LTE Band 28	703.0	0.1794	0.1789	0.1738	0.1776
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.1865	0.1860	0.1811	0.1849

**Table 55 – EN General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	LTE Band 28	703.0	0.0359	0.0359	0.0359	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0373	0.0373	0.0373	N/A

**Table 56 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	LTE Band 28	703.0	0.1794	0.1802	0.1796	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1865	0.1872	0.1866	N/A

**Table 57 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	LTE Band 28	703.0	0.0359	0.0376	0.0372	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0373	0.0390	0.0386	N/A

**Table 58 – NEW ZEALAND Worker/Occupational Combined Exposure**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	LTE Band 28	703.0	0.1794	0.1789	0.1738	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1865	0.1860	0.1811	N/A

**Table 59 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

**2.3.9 Combination 9 - LTE BAND 40 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	LTE Band 40	2300.0	N/A	0.0153	N/A	0.0164
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0166	N/A	0.0179

**Table 60 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	LTE Band 40	2300.0	0.0794	0.0804	0.0823	0.0831
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.0864	0.0876	0.0895	0.0905

**Table 61 – EN General Public Combined Exposure**





The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	LTE Band 40	2300.0	0.0159	0.0159	0.0159	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0173	0.0174	0.0173	N/A

**Table 62 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	LTE Band 40	2300.0	0.0794	0.0794	0.0793	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0864	0.0864	0.0863	N/A

**Table 63 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	LTE Band 40	2300.0	0.0159	0.0159	0.0162	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0173	0.0174	0.0177	N/A

**Table 64 – NEW ZEALAND Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	LTE Band 40	2300.0	0.0794	0.0804	0.0823	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.0864	0.0876	0.0895	N/A

**Table 65 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

**2.3.10 Combination 10 - WCDMA BAND 1 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	WCDMA Band 1	1920.0	N/A	0.0217	N/A	0.0217
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0230	N/A	0.0231

**Table 66 – EN Worker/Occupational Combined Exposure**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	WCDMA Band 1	1920.0	0.1034	0.1031	0.1002	0.1023
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.1104	0.1102	0.1074	0.1097

**Table 67 – EN General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	WCDMA Band 1	1920.0	0.0207	0.0207	0.0207	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0221	0.0221	0.0221	N/A

**Table 68 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	WCDMA Band 1	1920.0	0.1034	0.1038	0.1035	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1104	0.1109	0.1105	N/A

**Table 69 – AUSTRALIA General Public Combined Exposure**



The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	WCDMA Band 1	1920.0	0.0207	0.0217	0.0214	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0221	0.0231	0.0229	N/A

**Table 70 – NEW ZEALAND Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	WCDMA Band 1	1920.0	0.1034	0.1031	0.1002	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1104	0.1102	0.1074	N/A

**Table 71 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.11 Combination 11 - WCDMA BAND 8 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	WCDMA Band 8	880.0	N/A	0.0375	N/A	0.0375
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0389	N/A	0.0390

**Table 72 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	WCDMA Band 8	880.0	0.1792	0.1786	0.1736	0.1773
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.1862	0.1858	0.1808	0.1847

**Table 73 – EN General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	WCDMA Band 8	880.0	0.0358	0.0358	0.0359	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0372	0.0373	0.0373	N/A

**Table 74 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	WCDMA Band 8	880.0	0.1792	0.1799	0.1794	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1862	0.1870	0.1864	N/A

**Table 75 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	WCDMA Band 8	880.0	0.0358	0.0375	0.0371	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0372	0.0390	0.0386	N/A

**Table 76 – NEW ZEALAND Worker/Occupational Combined Exposure**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	WCDMA Band 8	880.0	0.1792	0.1786	0.1736	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1862	0.1858	0.1808	N/A

**Table 77 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

**2.3.12 Combination 12 – GSM900 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	GSM900	880.2	N/A	0.0750	N/A	0.0750
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0764	N/A	0.0765

**Table 78 – EN Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	GSM900	880.2	0.3582	0.3571	0.3470	0.3545
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.3653	0.3643	0.3543	0.3619

**Table 79 – EN General Public Combined Exposure**



The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	GSM900	880.2	0.0716	0.0716	0.0717	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0731	0.0731	0.0731	N/A

**Table 80 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	GSM900	880.2	0.3582	0.3598	0.3586	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.3653	0.3668	0.3656	N/A

**Table 81 – AUSTRALIA General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.





NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	GSM900	880.2	0.0716	0.0750	0.0742	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0731	0.0765	0.0757	N/A

**Table 82 – NEW ZEALAND Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	GSM900	880.2	0.3582	0.3571	0.3470	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.3653	0.3643	0.3543	N/A

**Table 83 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

**2.3.13 Combination 13 – GSM1800 + SRD434 + WiFi2400**

EN 62311 specifies the method of summation in clause 8.3 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	N/A	0.0012	N/A	0.0013
1	GSM1800	1710.2	N/A	0.0243	N/A	0.0243
2	SRD434	434.3	N/A	0.0002	N/A	0.0002
Summation			N/A	0.0257	N/A	0.0258

**Table 84 – EN Worker/Occupational Combined Exposure**



The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	0.0064
1	GSM1800	1710.2	0.1161	0.1157	0.1124	0.1149
2	SRD434	434.3	0.0009	0.0009	0.0009	0.0009
Summation			0.1231	0.1228	0.1197	0.1222

**Table 85 – EN General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

AUSTRALIA ARPANSA Radiation Protection Series No.3 specifies the method of summation in clause 3.4 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0012	N/A
1	GSM1800	1710.2	0.0232	0.0232	0.0232	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0246	0.0246	0.0246	N/A

**Table 86 – AUSTRALIA Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0061	0.0061	N/A
1	GSM1800	1710.2	0.1161	0.1166	0.1162	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1231	0.1236	0.1232	N/A

**Table 87 – AUSTRALIA General Public Combined Exposure**



The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

NEW ZEALAND NZS 2772 Part 1 specifies the method of summation in clause 7 with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	0.0012	0.0013	N/A
1	GSM1800	1710.2	0.0232	0.0243	0.0240	N/A
2	SRD434	434.3	0.0002	0.0002	0.0002	N/A
Summation			0.0246	0.0257	0.0255	N/A

**Table 88 – NEW ZEALAND Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	0.0062	0.0064	N/A
1	GSM1800	1710.2	0.1161	0.1157	0.1124	N/A
2	SRD434	434.3	0.0009	0.0009	0.0009	N/A
Summation			0.1231	0.1228	0.1197	N/A

**Table 89 – NEW ZEALAND General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.14 Combination 14 - LTE BAND 26 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 26	814.0	0.0232	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0250	N/A	N/A	N/A

**Table 90 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 26	814.0	0.1162	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.1250	N/A	N/A	N/A

**Table 91 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.15 Combination 15 - LTE BAND 2 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 2	1850.0	0.0159	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0176	N/A	N/A	N/A

**Table 92 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 2	1850.0	0.0794	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.0882	N/A	N/A	N/A

**Table 93 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.16 Combination 16 - LTE BAND 25 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 25	1850.0	0.0159	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0176	N/A	N/A	N/A

**Table 94 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 25	1850.0	0.0794	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.0882	N/A	N/A	N/A

**Table 95 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.17 Combination 17 - LTE BAND 4 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 4	1710.0	0.0159	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0176	N/A	N/A	N/A

**Table 96 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 4	1710.0	0.0794	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.0882	N/A	N/A	N/A

**Table 97 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.18 Combination 18 - LTE BAND 12 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 12	699.0	0.0271	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0288	N/A	N/A	N/A

**Table 98 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 12	699.0	0.1353	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.1441	N/A	N/A	N/A

**Table 99 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.





**2.3.19 Combination 19 - LTE BAND 13 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 13	777.0	0.0243	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0261	N/A	N/A	N/A

**Table 100 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 13	777.0	0.1217	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.1305	N/A	N/A	N/A

**Table 101 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.20 Combination 20 - LTE BAND 41 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 41	2496.0	0.0159	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0176	N/A	N/A	N/A

**Table 102 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 41	2496.0	0.0794	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.0882	N/A	N/A	N/A

**Table 103 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.21 Combination 21 - LTE BAND 5 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 5	824.2	0.0230	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0247	N/A	N/A	N/A

**Table 104 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 5	824.2	0.1148	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.1236	N/A	N/A	N/A

**Table 105 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.22 Combination 22 - LTE BAND 7 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 7	2500.0	0.0159	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0176	N/A	N/A	N/A

**Table 106 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 7	2500.0	0.0794	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.0882	N/A	N/A	N/A

**Table 107 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



**2.3.23 Combination 23 - LTE BAND 38 + SRD915 + WiFi2400**

FCC OET 65 specifies the method of summation in clause; Multiple-Transmitter Sites and Complex Environments; with results as follows:

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0012	N/A	N/A	N/A
1	LTE Band 38	2570.0	0.0159	N/A	N/A	N/A
2	SRD915	902.0	0.0005	N/A	N/A	N/A
Summation			0.0176	N/A	N/A	N/A

**Table 108 – FCC Worker/Occupational Combined Exposure**

The calculations show that the EUT complies with the worker/occupational exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.

Antenna Port	RAT	Frequency (MHz)	Calculated RF exposure level at minimum compliance boundary of 0.2 m as a fraction of the limit			
			S Power Density	E Field	H Field	B Field
			Summation for simultaneous exposure; value to be <1			
1	WiFi2400	2400.0	0.0061	N/A	N/A	N/A
1	LTE Band 38	2570.0	0.0794	N/A	N/A	N/A
2	SRD915	902.0	0.0026	N/A	N/A	N/A
Summation			0.0882	N/A	N/A	N/A

**Table 109 – FCC General Public Combined Exposure**

The calculations show that the EUT complies with the general public exposure levels described in in the listed specifications in Annex A at the point of investigation, a minimum distance of 0.2 m.



## 2.4 Far Field Region Boundary Results

The far field region boundary calculation result is shown in Table 110:

Near Field / Far Field Boundary (Ref: IEEE C95.3 Annex B.2, EN 62311 Annex A, AS/NZS 2772.2 Appendix B)			
RAT Name	Frequency MHz	Reactive Near Field Boundary (Wave Impedance Dependent)	Far Field Boundary (Antennas on axis)
		$\lambda/4$ (m)	$2D^2/\lambda$ (m)
BT2400	2400	0.0313	0.1076
BLE2400	2400	0.0313	0.1076
WiFi2400	2400	0.0313	0.1076
LTE BAND 5	824.2	0.0910	0.0369
LTE BAND 7	2500	0.0300	0.1121
LTE BAND 38	2570	0.0292	0.1152
LTE BAND 26	824.2	0.0921	0.0365
LTE BAND 2	1850	0.0405	0.0829
LTE BAND 25	1850	0.0405	0.0829
LTE BAND 4	1710	0.0439	0.0767
LTE BAND 12	699	0.1073	0.0313
LTE BAND 13	777	0.0965	0.0348
LTE BAND 41	2496	0.0300	0.1119
SRD915	902	0.0831	0.1842
LTE BAND 1	1920	0.0391	0.0861
LTE BAND 3	1710	0.0439	0.0767
LTE BAND 8	880	0.0852	0.0394
LTE BAND 20	832	0.0901	0.0373
LTE BAND 28	703	0.1067	0.0315
LTE BAND 40	2300	0.0326	0.1031
WCDMA BAND 1	1920	0.0391	0.0861
WCDMA BAND 8	880	0.0852	0.0394
GSM900	880.2	0.0852	0.0395
GSM1800	1710.2	0.0439	0.0767
SRD434	434.3	0.1727	0.0887

**Table 110 – Far Field Boundary**

The table below shows the maximum calculated near field / far field region boundaries.

The compliance boundary of 0.2 m is in the far field region and therefore, the approach described in section 2.1 is valid.



Field Region	Reactive Near Field Region	Radiating Near Field Region	Far Field Region
Maximum Boundary	< 0.1727 m	0.1727 – 0.1842 m	> 0.1842 m
Validity of Regions	Spherical model potential under-estimate: SAR assessment required	Spherical model over-estimate and conservative	Spherical model valid
Compliance Boundary Location	N/A	N/A	0.2 m

**Table 111 – Assessment Method Validity**

**2.5 Uncertainty**

The basic computation formulas presented in section 2.1 are conservative formulas for the estimation of RF field strength or power density.

No uncertainty estimations are required when using these formulas but there is clear guidance on where and when these formulas are applicable. For the estimate of S, E or H to be conservative, the transmitter power P and antenna gain G<sub>i</sub> values shall be the upper bounds of uncertainty therefore maximum values are used.

The spherical formula is valid under far field conditions which are established in section 2.4.



## **ANNEX A**

### **REGIONAL REQUIREMENTS**





Frequency Range (MHz)	Power Density (W/m <sup>2</sup> )	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Magnetic Flux Density (μT)
0.1 - 1	-	610	N/A	2/f
1 - 10	-	610/f	N/A	2/f
10 - 400		61	N/A	0.2
400 - 2000		3*f <sup>0.5</sup>	N/A	1E-2*f <sup>0.5</sup>
2000 - 6000		140	N/A	0.45
6000 - 300000	50	140	N/A	0.45

**Table A.1 – EN: Action levels in Directive 2013/35/EU Annex III Table B1 Worker/Occupational Limits**

Frequency Range (MHz)	Power Density (W/m <sup>2</sup> )	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Magnetic Flux Density (μT)
0.003 - 0.15	-	87	5	6.25
0.15 - 1	-	87	0.73/f	0.92/f
1 - 10	-	87/f <sup>0.5</sup>	0.73/f	0.92/f
10 - 400	2	28	0.073	0.092
400 - 2000	f/200	1.375*f <sup>0.5</sup>	0.0037*f <sup>0.5</sup>	0.0046*f <sup>0.5</sup>
2000 - 300000	10	61	0.16	0.2

**Table A.2 – EN: Council Recommendation 1999/519/EC Annex II Table 1 General Public Limits**

Frequency Range (MHz)	Power Density (mW/cm <sup>2</sup> ) Note 1	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)
0 - 0.3	-	-	-
0.3 - 3	100	614	1.63
3 - 30	900/f <sup>2</sup>	1842/f	4.89/f
30 - 300	1	61.4	0.163
300 - 1500	f/300	-	-
1500 - 100000	5	-	-

**Table A.3 – FCC CFR 47 Pt.1.1310 Worker/Occupational Limits**

Frequency Range (MHz)	Power Density (mW/cm <sup>2</sup> ) Note 1	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)
0 - 0.3	-	-	-
0.3 - 3	100	614	1.63
3 - 30	180/f <sup>2</sup>	824/f	2.19/f
30 - 300	0.2	27.5	0.073
300 - 1500	f/1500	-	-
1500 - 100000	1	-	-

**Table A.4 – FCC CFR 47 Pt.1.1310 General Public Limits**



Note 1: The calculations and limits presented in this report for power density are in units of W/m<sup>2</sup>. The conversion factor is; 1 mW/cm<sup>2</sup> = 10 W/m<sup>2</sup>.

Frequency Range (MHz)	Power Density (W/m <sup>2</sup> )	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)
0.1 - 1	-	614	1.63/f
1 - 10	1000/f <sup>2</sup>	614/f	1.63/f
10 - 400	10	61.4	0.163
400 - 2000	f/40	3.07*f <sup>0.5</sup>	0.00814*f <sup>0.5</sup>
2000 - 300000	50	137	0.364

**Table A.5 – ARPANSA Radiation Protection Series No.3 Worker/Occupational Limits**

Frequency Range (MHz)	Power Density (W/m <sup>2</sup> )	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)
0.1 - 0.15	-	86.8	4.86
0.15 - 1	-	86.8	0.729/f
1 - 10	-	86.8/f <sup>0.5</sup>	0.729/f
10 - 400	2	27.4	0.0729
400 - 2000	f/200	1.37*f <sup>0.5</sup>	0.00364*f <sup>0.5</sup>
2000 - 300000	10	61.4	0.163

**Table A.6 – ARPANSA Radiation Protection Series No.3 General Public Limits**

Frequency Range (MHz)	Power Density (W/m <sup>2</sup> )	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)
0.1 - 1	-	614	1.63/f
1 - 10	1000/f <sup>2</sup>	614/f	1.63/f
10 - 400	10	61.4	0.163
400 - 2000	f/40	3.07*f <sup>0.5</sup>	0.00814*f <sup>0.5</sup>
2000 - 300000	50	137	0.364

**Table A.7 – NZS 2772 Part 1 Worker/Occupational Limits**

Frequency Range (MHz)	Power Density (W/m <sup>2</sup> )	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)
0.1 - 0.15	-	86.8	4.86
0.15 - 1	-	86.8	0.729/f
1 - 10	-	86.8/f <sup>0.5</sup>	0.729/f
10 - 400	2	27.4	0.0729
400 - 2000	f/200	1.37*f <sup>0.5</sup>	0.00364*f <sup>0.5</sup>
2000 - 300000	10	61.4	0.163

**Table A.8 – NZS 2772 Part 1 General Public Limits**