



# Notified Body Statement of Opinion

No. THER1 16 12 95242 002

**Certificate Holder:** **Altis Technology (Hong Kong) Ltd**  
711, Lu Plaza, 2 Wing Yip Street  
Kwun Tong  
HONG KONG

**Product:** **2 way radio of the non public mobile radio  
Private Mobile Radio (PMR 446) - Walkie  
Talkie Two-way Radio**

**Model(s):** **MT 1048, AM 845, AM 846, AM 847, AM 848, AM 849,  
SM 860, SM 861, SM 862, SM 863, SM 864, SM 865,  
SM 866, SM 867, SM 868, SM 869, PM 860, PM 861,  
PM 862, PM 863, PM 864, PM 865, PM 866, PM 867,  
PM 868, PM 869**

**Technical data:** TCF No.: Altis MT 1048 (v) CE TCF

In accordance with Annex IV of European Union Council Directive 1999/5/EC on radio equipment and telecommunications terminal equipment, our opinion is that the equipment identified above and described in the Annex to this statement of opinion complies with the requirements of the above Directive as stated in article 3.1 (a) in respect of Health & Safety, article 3.1 (b) in respect of EMC and article 3.2 in respect of Radio Spectrum Use.

**BABT File number:** NC21042 i01

**Date,** 2016-12-05 ( Allen Ferry )

TÜV SÜD BABT is appointed as a Notified Body, with the identification number 0168, in accordance with the Council Directive 1999/5/EC for radio equipment and telecommunications terminal equipment. The CE marking and the TÜV SÜD BABT 0168 identification number may be used on the equipment described above, subject to the equipment meeting the compliance requirements of all applicable EU directives. This Statement of Opinion has been issued in accordance with the Certification Regulations of TÜV SÜD BABT. For further details related to this Statement of Opinion please contact [babt@tuv-sud.co.uk](mailto:babt@tuv-sud.co.uk)

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## R&TTE Directive Annex IV Notified Body Opinion

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### Description of Equipment

Intended Use	Private Mobile Radio (PMR 446) – Walkie Talkie Two – way Radio	
<i>Class of Equipment:</i>	Class 1.51 (PMR446 Analog)	
<i>Frequency Band(s):</i>	Transmitter	446.00625 – 446.09375MHz
	Receiver	446.00625 – 446.09375MHz
<i>Type of modulation:</i>	FM	
<i>Channel Spacing(s):</i>	12.5 KHz	
<i>Designation of Emissions:</i>	12K5G3E	
<i>Transmit Power:</i>	0.5W e.r.p.	
<i>Duplex direction:</i>	Tx / Rx	

### Variants:

MT 1048, AM 845, AM 846, AM 847, AM 848, AM 849, SM 860, SM 861, SM 862, SM 863, SM 864, SM 865, SM 866, SM 867, SM 868, SM 869, PM 860, PM 861, PM 862, PM 863, PM 864, PM 865, PM 866, PM 867, PM 868, PM 869 (base model MT 1048 all the other model has same circuit design, layout and shielding, the only difference is cosmetic and accessory)

### Standards:

EN 60950-1:2006 /A2:2013  
 EN 50566:2013  
 EN 301 489-1 V1.9.2 (2011-09)  
 EN 301 489-5 V1.3.1 (2002-08)  
 EN 300 296-2 V1.4.1 (2013-08)



## Relevant Technical Documentation

### Supplier's Declaration(s) of Conformity:

R&TTE draft , dated	2016-10-01
Model Difference Declaration.pdf, last modified	2016-12-01

### User Guide:

MT 1048\_MANL\_EN\_KEM-ML38403\_112116.pdf, modified 2016-12-01

### Test report numbers:

Safety:	68.210.16.064.01	2016-11-29
SAR:	68.950.16.431.01	2016-10-13
EMC:	68.760.16.125.01	2016-10-13
Radio:	68.950.16.084.01	2016-10-13

### Approved Software:

For MT 1048      V1.4

### Approved Hardware:

Overall Build Level:	KEPC-1259-X	
Circuit Diagram:	ENG-MT1048-02 , rev 10, dated	2016-03-23
PCB Layout	KEPC-1259-2 SS & routing for MT1048-V1.pdf, dated	2016-03-21
	KEPC-1234-A for MT1048 SS & routing.pdf, dated	2016-03-15
Parts List:	MT1048 BOM(2016-3-16).pdf, dated	2016-03-03

Signed: ..... *Atth Feuy* .....  
on behalf of TÜV SÜD BABT

Date: *5th DECEMBER 2016*