

Annex B: Supplementary information template

SUPPLEMENTARY INFORMATION

1. Site Details

Site Name:		National Grid Reference:	
Site Address:			
Site Ref Number:		Site Type:	

2. Pre-application Checklist

Site Selection (for New Sites only)

(Would not generally apply to upgrades/alterations to existing site including redevelopment or replacement of an existing site to facilitate an upgrade or sharing with another operator)

Was a local planning authority mast register available to check for suitable sites by the operator or the local planning authority?	Yes	No
If no explain why:		
Were industry site databases checked for suitable sites by the operator:	Yes	No
If no explain why:		

Site Specific pre-application consultation with local planning authority

Was there pre-application contact:	Yes/No
Date of pre-application contact:	
Name of contact:	
Summary of outcome/Main issues raised:	

Annual area wide information to planning authority

Has annual area wide information been provided?	Yes/No
If no explain why	

Summary of issues raised	
--------------------------	--

Community Consultation

Rating of Site under Traffic Light Model: Red Amber Green
Outline of consultation carried out:
Summary of outcome/main issues raised (include copies of relevant correspondence):

School/College

Location of site in relation to school/college (include name of school/college):
Outline of consultation carried out with school/college (include evidence of consultation):
Summary of outcome/main issues raised (include copies of main correspondence):

Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator consultation

Will the structure be within 3km of an aerodrome or airfield?	Yes	No
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified?	Yes	No
Details of response:		

Developer's Notice

Copy of Developer's Notice enclosed?	Yes No
Date served:	

3. Proposed Development

The proposed site:

Enclose map showing the cell centre and adjoining cells if appropriate:

--

Type of Structure (e.g. tower, mast, etc):	
Description:	
Overall Height:	
Height of existing building (where applicable):	Metres
Equipment Housing:	
Length:	Metres
Width:	Metres
Height:	Metres
Materials (as applicable):	
Tower/mast etc – type of material and external colour:	
Equipment housing – type of material and external colour:	

Reasons for choice of design, making reference to pre-application responses:

Health and Safety - including ICNIRP compliance

4. Technical Justification

Enclose predictive coverage plots if appropriate, e.g. to show coverage improvement.
Proposals to improve capacity will not generally require coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity

--

5. Site Selection Process

Alternative sites considered and not chosen (not required for upgrades/alterations to existing sites including redevelopment or replacement of an existing site to facilitate an upgrade or sharing with another operator).

Site Type	Site name and address	National Grid Reference	Reason for not choosing site

If no alternative site options have been investigated, please explain why:

Land use planning designations:

Additional relevant information (include planning policy and material considerations):

Confirmation that submitted drawings have been checked for accuracy

Name (Agent): _____ Telephone: _____
 Operator: _____
 Address: _____ Email Address: _____
 Signed: _____ Date: _____
 Position: _____ Company: _____

Annex C: ICNIRP declaration and rooftop deployment constraints and solutions

ICNIRP Declaration

Address

Agent Address

Dear Sir/Madam

CLARIFICATION OF THE DECLARATION OF ICNIRP COMPLIANCE ISSUED AS PART OF THE SUBMISSION ATTACHED FOR SITE (INSERT SITE REF NO.) AT (INSERT SITE ADDRESS)

I refer to the Declaration of Conformity with ICNIRP Public Exposure Guidelines (“ICNIRP Declaration”), sent with this submission in relation to the proposed telecommunications installation as detailed above.

The “ICNIRP Declaration” certifies that the proposed site shall be operated to be in full compliance with the requirements of the radio frequency (RF) guideline limits of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) for public exposure and UK legislation.

This ICNIRP declaration takes into account the cumulative effect of the emissions from the proposed installation and all radio base stations present at, or near, the proposed location.

All operators of radio transmitters are under a legal obligation to operate those transmitters in accordance with the conditions of their licence. Operation of the transmitter in accordance with the conditions of the licence fulfils the legal obligations in respect of interference to other radio systems, other electrical equipment, instrumentation, or air traffic systems. The conditions of the licence are mandated by Ofcom, an agency of national government, who are responsible for the regulation of the civilian radio spectrum. The remit of Ofcom also includes investigation and remedy of any reported significant interference.

The telecommunications infrastructure the subject of this application accords with all relevant legislation and as such will not cause significant and irremediable interference with other electrical equipment, air traffic services or instrumentation operated in the national interest.

If you have any further enquiries concerning the “ICNIRP Declaration” certificate or anything else in this letter, then please contact me.

Yours faithfully

The Project Manager

Insert agent name

Insert position in organisation

Insert company name

Insert email address

Insert direct telephone number

(for and on behalf of)

Address

Agent Address

Declaration of Conformity with ICNIRP Public Exposure Guidelines
(“ICNIRP Declaration”)

Name and address of Lead Operator

Declares that the proposed equipment and installation as detailed in the attached submission at;

Insert address
Insert address 2
Insert town
Insert county
Insert Postcode

Insert NGR

shall be operated to be in full compliance with the requirements of the radio frequency (RF) public exposure limit of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) and UK legislation.

Date: *Insert Date*

Signed: _____
Project Manager to sign

Name: _____
Insert Project Manager's name

Position: _____
Project Manager for (Company)

Scenario 1.



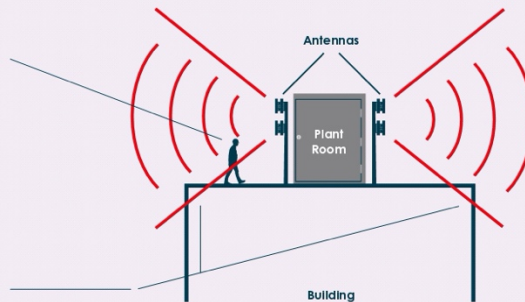
Antennas are of low elevation and set back from the rooftop edge.

The International Commission on Non-Ionizing Radiation Protection (ICNIRP) has developed exposure limits adopted by the UK Government. All mobile network operator installations are designed to comply with the ICNIRP exposure limits as adopted in European Union directives and UK legislation.

This scenario might be considered the most visually sympathetic solution as antennas are both set back from the rooftop edge and are of lower elevation. However, the below example is not an ICNIRP compliant design, and therefore would not be proposed.

The person shown is within the exclusion zone – this is not ICNIRP compliant, as the antennas are too low.

With the antennas positioned here “clipping” occurs. This is when the radio frequency signal propagation from an antenna ‘clips’ the building edge and would result in exclusion zones over sections of the rooftop. This will impact radio performance and service provision to the point that the solution is not viable.



Each Scenario is indicative and a simplified version to demonstrate the technical constraints and solutions. Although 2D was used for simplicity, antennas must be carefully sited at locations on a building to provide 360 degree coverage, and must always be ICNIRP compliant.

Scenario 2.

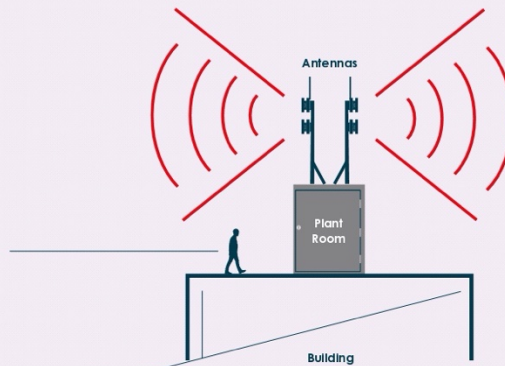


Antennas are set back from the rooftop edge and must be elevated.

This scenario is sometimes considered a more visually sympathetic solution, as the antennas are sited away from the rooftop edge. This solution means the antennas must be placed higher, which typically requires more robust support structures, and the essential additional height and bulk can be less desirable in some situations.

The person is accessing the rooftop and is not in the exclusion zone. As the antennas are of sufficient height, there is no RF ‘clipping’ and the rooftop remains accessible, which may be necessary for access to plant, maintenance or fire escape. The rooftop is safe to access and this ensures that the design remains ICNIRP compliant.

No rooftop edge clipping occurs – ICNIRP compliance is achieved, and there will be no impact upon radio performance or service provision – the design solution remains viable.



Scenario 3.



Antennas are near edge of rooftop, but less elevation may be required.

This scenario is sometimes considered a less visually sympathetic solution as the antennas are sited on the rooftop edge. However, with this solution there is a reduced necessity for additional antenna elevation, which typically means less structural bracing is needed. The reduced necessity for additional elevation and bracing can, in practice, be the most visually sympathetic solution in some situations, albeit closer to the rooftop edge. This is especially true on medium height to tall buildings, where the natural elevation of the building takes it away from the public realm and provides sufficient antenna elevation for viability.

The person is accessing the rooftop and is not in the exclusion zone. Antennas propagate outward – siting at the edge with outward orientation means that the rooftop remains accessible and there is no rooftop ‘clipping’.

ICNIRP compliance is achieved and there will be no impact upon radio performance or service provision – the design solution remains viable.

