

# UMS SUMMARY TEST REPORT

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ISSUED BY:  
CRANAGE EMC TESTING LIMITED  
STABLE COURT  
OAKLEY  
MARKET DRAYTON  
SHROPSHIRE, TF9 4AG



Report No: **U0037R2** Date of Issue: **27<sup>th</sup> June, 2014**

This document summarises the results of testing to ascertain the appropriate Elexon Charge Codes for inclusion in BSCP520

Tested & Inspected for: **Cisco Int. Limited  
10 New Square Park  
Bedfont Lakes  
TW14 8HA**

Test Dates: **28<sup>th</sup> May, 2014**  
Receipt Date of Test Item: **27<sup>th</sup> May, 2014**

## Sample 1

Test Item Description: **Access Point with PSU**  
Manufacturer: **Cisco & Meanwell**  
Model Numbers: **Air-Cap 1532I-E-K9 & GS60A48-CIS**  
Serial Numbers: **FGL1750U03D (Access Point)  
EB41F54585 (PSU)**

## Sample 2

Test Item Description: **Access Point with PSU**  
Manufacturer: **Cisco & Meanwell**  
Model Numbers: **Air-Cap 1532I-E-K9 & GS60A48-CIS**  
Serial Numbers: **FGL1750U008 (Access Point)  
EB41F54536 (PSU)**

## Sample 3

Test Item Description: **Access Point with PSU**  
Manufacturer: **Cisco & Meanwell**  
Model Numbers: **Air-Cap 1532I-E-K9 & GS60A48-CIS**  
Serial Numbers: **FGL1750U009 (Access Point)  
EB41F54495 (PSU)**

## Sample 4

Test Item Description: **Access Point with PSU**  
Manufacturer: **Cisco & Meanwell**  
Model Numbers: **Air-Cap 1532I-E-K9 & GS60A48-CIS**  
Serial Numbers: **FGL1750U039 (Access Point)  
EB41F54587 (PSU)**

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## Sample 5

Test Item Description:	<b>Access Point with PSU</b>
Manufacturer:	<b>Cisco &amp; Meanwell</b>
Model Numbers:	<b>Air-Cap 1532I-E-K9 &amp; GS60A48-CIS</b>
Serial Numbers:	<b>FGL1750U00C (Access Point) EB41F54590 (PSU)</b>

Approved Signatories: M. Richens - Technical Director

Handwritten signature of M. Richens in black ink.

APPROVED SIGNATORY

Verification Signatories: R. Flynn - Test Engineer

Handwritten signature of R. Flynn in black ink.

VERIFICATION SIGNATORY

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Mode of Operation: The 1532i access point was setup with the LED status light 'Green'. This indicated normal operation. No changes were made in the configuration i.e. manufacturer's default mode. A photograph showing the test item can be found on page 4.

Test Condition: - 30 minute stabilisation period given prior to measurements at 240V 50Hz. Measurements were subsequently taken after 10 minutes at each voltage level. This was found to be an adequate time window for the purpose of the test measurements.

All results are rounded to 1 decimal place.

Watts					
Voltage (Vrms)	Sample No.				
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
210	5.3	5.4	5.2	5.4	5.1
220	5.3	5.4	5.3	5.5	5.1
230	5.4	5.4	5.4	5.5	5.2
240	5.4	5.5	5.4	5.5	5.2
250	5.6	5.5	5.4	5.6	5.3

VA					
Voltage (Vrms)	Sample No.				
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
210	16.0	15.9	15.3	15.8	15.5
220	16.5	16.5	16.1	16.4	16.1
230	17.1	17.1	16.7	17.0	16.8
240	17.8	17.7	17.4	17.7	17.5
250	18.8	18.4	18.1	18.4	18.1

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**Ambient temperature range recorded during test period:**  
22.0°C

## Test Equipment

Asset Number	Description	Calibration Date	Calibration Due
AN874	Power Source	-	-
AN1162	Power Analyser	14/05/2013	13/07/2014
AN452	Timer	-	-

## Photograph of the Test Item



**Above:** Equipment under test.

## Measurement Uncertainty

The 95 % confidence measurement uncertainty for AC Power (Analyser) is 0.55%.