Reliant EMC

York EMC Services Ltd.
Product List September 23, 2014

Order Code	York EMC Services Product Description	Parts included
ARA - Active Receive Antenna		Includes:
ARA01KIT01	ARA01 (30 MHz to 1 GHz active receive antenna) with DAE01 (pair of 100 mm long dipole elements), manual, case, CAL08 (factors from 30 MHz to 1 GHz, measured in a GTEM against known standard)	ARA01, 2 x DAE01, CAL08
ARA - Active Receive Antenna accessories and calibrations		Includes:
DAE01	Pair of 100mm long dipole antenna elements (200 MHz to 1 GHz optimum)	DAE01
DAE02	Pair of 270mm long dipole antenna elements (30 MHz to 300 MHz optimum)	DAE02
TRA01	Tripod Adaptor	TRA01
CAL08	ARA01 factors from 30 MHz to 1 GHz, measured in a GTEM against known standard	CAL08
CCC - Cable Coupling Clamp		Includes:
CCC01KIT01	Cable coupling clamp kit with 2.5 mm, 5 mm and 10 mm cable fittings	CCC01
CCC - Cable Coupling Clamp accessories		Includes:
CMF01	Set of blank un-machined cable fittings for the CCC01.	CMF01
CGE - Comb Generator Emitter		Includes:
CGE01KIT01	CGE01C 18 GHz comb generator with SMA output, 80 MHz & 100 MHz step sizes. Includes BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL13 (output power from 0 GHz to 18 GHz, measured using a spectrum analyser)	CGE01C, BP01, BCH04, CAL13
CGE01KIT02	CGE01R 18 GHz radiating comb generator with 80 MHz & 100 MHz step sizes. Includes BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL09 (radiated field strength at 3m test distance, 1 GHz to 18 GHz, measured in a FAR using a spectrum analyser.)	CGE01R, BP01, BCH04, CAL09
CGE01KIT03	CGE01C 18 GHz comb generator with SMA output, 80 MHz & 100 MHz step sizes and MCN02 monocone antenna (1 GHz to 26 GHz optimum). Includes BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL13 (output power from 0 GHz to 18 GHz, measured using a spectrum analyser)	CGE01C, BP01, BCH04, MCN02 & CAL13
CGE01KIT04	CGE01C 18 GHz comb generator with SMA output, 80 MHz & 50 MHz step sizes. Includes BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL13 (output power from 0 GHz to 18 GHz, measured using a spectrum analyser)	CGE01C, BP01, BCH04, CAL13
CGE01KIT05	CGE01R 18 GHz radiating comb generator with 80 MHz & 50 MHz step sizes. Includes BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL09 (radiated field strength at 3m test distance, 1 GHz to 18 GHz, measured in a FAR using a spectrum analyser.)	CGE01R, BP01, BCH04, CAL09
CGE01KIT06	CGE01C 18 GHz comb generator with SMA output, 80 MHz & 50 MHz step sizes and MCN02 monocone antenna (1 GHz to 26 GHz optimum). Includes BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL13 (output power from 0 GHz to 18 GHz, measured using a spectrum analyser)	CGE01C, BP01, BCH04, MCN02 & CAL13

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CGE - Comb Generator Emitter		Includes:
CGE02KIT01	CGE02C 26 GHz comb generator with SMA output, 250 MHz & 256 MHz step sizes. Includes BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL14 (output power from 0 GHz to 26 GHz, measured using a spectrum analyser)	CGE02C, BP01, BCH04 & CAL14
CGE02KIT02	CGE02R 26 GHz radiating comb generator with 250 MHz & 256 MHz step sizes. Includes: BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL10 (radiated field strength at 3 m test distance, 1 GHz to 26 GHz, measured in a FAR using a spectrum analyser)	CGE02R, BP01, BCH04 & CAL10
CGE02KIT03	CGE02C 26 GHz comb generator with SMA output, 250 MHz & 256 MHz step sizes and MCN02 monocone antenna (1 GHz to 26 GHz optimum). Includes BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL14 (output power from 0 GHz to 26 GHz, measured using a spectrum analyser)	CGE02C, BP01, BCH04, MCN02 & CAL14
CGE03KIT01	CGE03C 40 GHz comb generator with 2.9 mm output connector, 900 MHz & 1 GHz step sizes. Includes BP01 (5 V, 2 AHr CGE battery pack), BCH04 battery charger, manual, case & CAL15 (output power from 0 GHz to 40 GHz, measured using a spectrum analyser)	CGE02C, BP01, BCH04 & CAL15
CGE03KIT02	CGE03C 40 GHz comb generator with 2.9 mm output connector, 900 MHz & 1 GHz step sizes and MCN02 monocone antenna (1 GHz to 26 GHz optimum). Includes BP01 5 V, 2 AHr CGE battery pack, BCH04 battery charger, manual, case & CAL15 (output power from 0 GHz to 40 GHz, measured using a spectrum analyser)	CGE02C, BP01, BCH04, MCN02 & CAL15
CGE - Comb Generator Emitter accessories		Includes:
MCN02	Monocone antenna (1 GHz to 26 GHz) accessory for CGE01C, CGE02C and CGE03C	MCN02
BP01	BP01 (5 V, 2 Ahr) rechargeable battery pack for CGE01, CGE02, CGE03 and YRS01. Including BCH04 universal charger	BP01, BCH04
CGE - Comb Generator Emitter calibrations		Includes:
CAL09	CGE01R radiated field strength, 1 GHz to 18 GHz, measured in a FAR using a spectrum analyser at 3 m test distance	CAL09
CAL10	CGE02R radiated field strength, 1 GHz to 26 GHz measured in a FAR using a spectrum analyser at 3 m test distance	CAL10
CAL13	CGE01C output power from 0 GHz to 18 GHz, measured using a spectrum analyser	CAL13
CAL14	CGE02C output power from 0 GHz to 26 GHz, measured using a spectrum analyser	CAL14
CAL15	CGE03C output power from 0 GHz to 40 GHz, measured using a spectrum analyser	CAL15

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CNE - Comparison Noise Emitter		Includes:
CNEVIKIT01	Basic CNE VI comparison noise emitter kit. Includes: CNE VI 30 Hz to 6 GHz comparison noise emitter, MON03 (270 mm long monopole antenna, 200 MHz to 1 GHz optimum), LSA03 LISN adapter, manual, 4 x "AA" alkaline cells, case & CAL20 (output power from 0 GHz to 6 GHz measured using a spectrum analyser)	CNE VI, MON03, LSA03, CAL20
CNEVIKIT02	Enhanced CNE VI comparison noise emitter kit. Includes: CNE VI 30 Hz to 6 GHz comparison noise emitter, MON03 (270 mm long monopole antenna, 200 MHz to 1 GHz optimum), TLM02 (270 mm long top-loaded monopole, 30 MHz to 300 MHz optimum), MCN03 (120 mm diameter monocone antena, 1 GHz to 6 GHz optimum), LSA03 LISN adapter, manual, 4 x "AA" alkaline cells, case & CAL20 (output power from 0 GHz to 6 GHz measured using a spectrum analyser)	CNE VI, MON03, TLM02, MCN03, LSA03, CAL20
CNEVKIT01	Basic CNE V comparison noise emitter kit. Includes: CNEV 9 kHz to 1 GHz comparison noise emitter, TLM01 (100 mm long top-loaded monopole, 200 MHz to 1 GHz optimum), manual, 1 x "PP3" alkaline cell, case & CAL03 (output power from 9 kHz to 1 GHz measured using a spectrum analyser)	CNE V, TLM01, CAL03
CNEVKIT02	Enhanced CNEV comparison noise emitter kit. Includes: CNEV 9 kHz to 1 GHz comparison noise emitter, TLM01 (100 mm long top-loaded monopole, 200 MHz to 1 GHz optimum), TLM02 (270 mm long top-loaded monopole, 30 MHz to 300 MHz optimum), LSA03 LISN adapter, manual, 1 x "PP3" alkaline cell, case & CAL03 (output power from 9 kHz to 1 GHz measured using a spectrum analyser)	CNE V, TLM01, LSA03, TLM02, CAL03
CNEVKIT03	Basic CNE V+ comparison noise emitter kit. Includes: CNE V+ 9 kHz to 3.5 GHz comparison noise emitter, TLM01 (100 mm long top-loaded monopole, 200 MHz to 1 GHz optimum), manual, 1 x "PP3" alkaline cell, case & CAL01 (output power from 9 kHz to 5 GHz measured using a spectrum analyser)	CNE V+, TLM01, CAL01
CNEVKIT04	Enhanced CNE V+ comparison noise emitter kit. Includes: CNE V+ 9 kHz to 3.5 GHz comparison noise emitter, TLM01 (100 mm long top-loaded monopole, 200 MHz to 1 GHz optimum), TLM02 (270 mm long top-loaded monopole, 30 MHz to 300 MHz optimum), MCN03 monocone antenna (1 GHz to 6 GHz optimum), LSA03 LISN adapter, manual, 1 x "PP3" alkaline cell, case & CAL01 (output power from 9 kHz to 5 GHz measured using a spectrum analyser)	CNE V+, TLM01, LSA03, TLM02, MCN03, CAL01
CNE - Comparison Noise Emitter Accessories		Includes:
TLM01	100 mm long top-loaded monopole antenna, 200 MHz to 1 GHz optimum. For CNE III, CNE V, CNE V+, CNE VI, YRS01, YRS02, YRS03	TLM01
TLM02	270 mm long top-loaded monopole antenna, 30 MHz to 300 MHz optimum. For CNE III, CNE V, CNE V+, CNE VI, YRS01, YRS02, YRS03	Inc. with CNEVIKIT02
MON02	Telescopic monopole antenna approx 1 m. For CNE III, CNE V, CNE V+, CNE VI, YRS01, YRS02	MON02
MON03	270 mm long monopole antenna, 200 MHz to 1 GHz optimum. For CNE III, CNE V, CNE V+, CNE VI, YRS01, YRS02, YRS03 (Replaces MCN01)	Inc.d with CNE VI KIT 01 & KIT 02
MCN03	120 mm diameter monocone antenna, 1 GHz to 6 GHz optimum. For CNE III, CNE V+, CNE VI and YRS03	MCN03
LSA03	LISN adaptor with IEC type connector	Inc. with CNEVI
NIA01	ISN adapter with 6-way RJ11/RJ14/RJ25 and 8-way RJ45 connector	NIA01
Order Code	**York EMC Services Product Description**	**Parts included**

CNE - Comparison Noise Emitter Calibration		Includes:
CAL01	CNE III or CNE V+ output power. Direct measurement from 9 kHz to 5 GHz using a spectrum analyser	Inc. with CNEV KIT03 & KIT04
CAL02	CNE III, CNE V, CNE V+ or CNE VI radiated field strength, 30 MHz to 1 GHz, measured on an OATS at 3 m OR 10 m test distance using a receiver (please specify 3 m or 10 m test distance when ordering)	CAL02
CAL03	CNE V output power. Direct measurement from 9 kHz to 1 GHz using a spectrum analyser	Inc. with CNEV KIT01 & KIT02
CAL04	CNE III, CNE V, CNE V+ or CNE VI radiated field strength, 30 MHz to 1 GHz, measured on an OATS at 3 m AND 10 m test distance using a receiver	CAL05
CAL06	CNE III, CNE V, CNE V+ or CNE VI radiated field strength, 30 MHz to 1 GHz, measured in a FAR at 3 m using a receiver or spectrum analyser	CAL06
CAL07	CNE VI or CNE VII radiated field strength, 1 GHz to 7 GHz, measured in a FAR using a spectrum analyser	CAL07
CAL20	CNE VI output power. Direct measurement from 0 GHz to 6 GHz using a spectrum analyser. All noise modes	Inc. with CNEVI KIT01 & KIT02
HFG - Harmonics Flicker Generator		Includes:
HFG01KIT01	HFG01 - Harmonics & Flicker Generator Includes: manual & CAL12 (measurement of harmonics/flicker generated in relevant modes using power analyser)	HFG01, CAL12
HFG - Harmonics Flicker Generator Calibration		Includes:
CAL12	Measurement of harmonics/flicker generated in relevant modes using power analyser	CAL12

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YRS - York Reference Source		Includes:
YRS01KIT01	YRS01 reference noise/comb source kit. Includes: YRS01 "CGE style"**9 kHz to 1 GHz** switchable noise/comb source, MON03 monopole antenna (200 MHz to 1 GHz optimum), manual, BP01 (5V, 2 AHr battery pack), BCH04 battery charger, case & CAL16 (output power from 9 kHz to 1 GHz measured using a spectrum analyser, all modes)	YRS01, MON03, BP01, BCH04, CAL16
YRS01KIT02	YRS01 reference noise/comb source kit. Includes: YRS01 "CGE style"**9 kHz to 1 GHz** switchable noise/comb source, MON03 monopole antenna (200 MHz to 1 GHz optimum), TLM02 top-loaded monopole (30 MHz to 300 MHz optimum), LSA03 LISN adapter, manual, BP01 (5V, 2 AHr battery pack), BCH04 battery charger, case & CAL16 (output power from 9 kHz to 1 GHz measured using a spectrum analyser, all modes)	YRS01, MON03, TLM02, LSA03, BP01, BCH04, CAL16
YRS01 (added to CGE01, CGE02 or CGE03 kit)	Includes: YRS01 "CGE style" **9 kHz to 1 GHz** switchable noise/comb source, MON03 monopole antenna (200 MHz to 1 GHz optimum), TLM02 top-loaded monopole (30 MHz to 300 MHz optimum), LSA03 LISN adapter, manual & CAL16 (output power from 9 kHz to 1 GHz measured using a spectrum analyser, all modes)	YRS01, MON03, TLM02, LSA03, CAL16
YRS02KIT01	Basic YRS02 reference noise/comb source kit. Includes: YRS02 "CNEV style"**9 kHz to 1 GHz** switchable noise/comb source, MON03 monopole antenna (200 MHz to 1 GHz optimum), manual, 4 x "AA" alkaline cells, case & CAL16 (output power from 9 kHz to 1 GHz measured using a spectrum analyser, all modes)	YRS02, MON03, CAL16
YRS02KIT02	Enhanced YRS02 reference noise/comb source kit. Includes: YRS02 "CNEV style"**9 kHz to 1 GHz** switchable noise/comb source, MON03 monopole antenna (200 MHz to 1 GHz optimum), TLM02 top-loaded monopole (30 MHz to 300 MHz optimum), LSA03 LISN adapter, manual, 4 x "AA" alkaline cells, case & CAL16 (output power from 9 kHz to 1 GHz measured using a spectrum analyser, all modes)	YRS02, MON03, TLM02, LSA03, CAL16
YRS03KIT01	Basic YRS03 reference noise/comb source kit. Includes: YRS03**30 MHz to 6** GHz switchable noise/comb source, MCN03 monocone antenna (1 GHz to 6 GHz optimum), manual, 4 x "AA" alkaline cells, case & CAL19 (output power from30 MHz to 6 GHz measured using a spectrum analyser, all modes)	YRS03, MCN03, CAL19
YRS03KIT02	Enhanced YRS03 reference noise/comb source kit. Includes: YRS03**30 MHz to 6 GHz** switchable noise/comb source, MCN03 monocone antenna (1 GHz to 6 GHz optimum), MON03 monopole antenna (200 MHz to 1 GHz optimum), TLM02 top-loaded monopole (30 MHz to 300 MHz optimum), manual, 4 x "AA" alkaline cells, case & CAL19 (output power from 30 MHz to 6 GHz measured using a spectrum analyser, all modes)	YRS03, MCN03, TLM02, MON03, CAL19
YRS combination kit	Combined YRS reference noise/comb source kit. **Includes: YRS02 "CNEV style" 9 kHz to 1 GHz switchable noise/comb source, YRS03 30 MHz to 6 GHz switchable noise/comb source**, TLM02 top-loaded monopole (30 MHz to 300 MHz optimum), MON03 monopole antenna (200 MHz to 1 GHz optimum), MCN03 monocone antenna (1 GHz to 6 GHz optimum), LSA03 LISN adapter, manual, 4 x "AA" alkaline cells, case, CAL16 (output power 9 kHz to 1 GHz measured using a spectrum analyser, all modes) & CAL19 (output power 30 MHz to 6 GHz measured using a spectrum analyser, all modes)	YRS02, YRS03, TLM02, MON03, MCN03, LSA03, CAL16, CAL19

Order Code	York EMC Services Product Description	Parts included
YRS - York Reference Source Accessories		Includes:
TLM01	100 mm long top-loaded monopole antenna, 200 MHz to 1 GHz optimum. For CNE III, CNE V, CNE V+, CNE VI, YRS01, YRS02, YRS03	TLM01
TLM02	270 mm long top-loaded monopole antenna, 30 MHz to 300 MHz optimum. For CNE III, CNE V, CNE V+, CNE VI, YRS01, YRS02, YRS03	TLM02
MON02	Telescopic monopole antenna approx 1 m. For CNE III, CNE V, CNE V+, CNE VI, YRS01, YRS02	MON02
MON03	270 mm long monopole antenna, 200 MHz to 1 GHz optimum. For CNE III, CNE V, CNE V+, CNE VI, YRS01, YRS02, YRS03	MON03
MCN03	120 mm diameter monocone antenna, 1 GHz to 6 GHz optimum. For CNE III, CNE V+, CNE VI and YRS03	MCN03
LSA03	LISN adaptor with IEC type connector	LSA03
NIA01	ISN adapter with 6-way RJ11/RJ14/RJ25 and 8-way RJ45 connector	NIA01
YRS - York Reference Source Calibration		Includes:
CAL16	YRS01 or YRS02 output power. Direct measurement from 0 GHz to 1 GHz measured using a spectrum analyser. All noise and comb modes	CAL16
CAL17	YRS01 or YRS02 radiated field strength. 30 MHz to 1 GHz, measured on an OATS at 3 m OR 10 m test distance using a receiver (please specify which when ordering). All noise and comb modes	CAL17
CAL18	YRS01 or YRS02 radiated field strength. 30 MHz to 1 GHz, measured in a FAR at 3 m test distance using a receiver or spectrum analyser. All noise and comb modes	CAL18
CAL19	YRS03 output power. Direct measurement from 30 MHz to 6 GHz measured using a spectrum analyser. All noise and comb modes	CAL19
CAL21	YRS03 radiated field strength. 1 GHz to 6 GHz, measured in a FAR at 3 m test distance using a receiver or spectrum analyser. Noise, 20 MHz and 40 MHz comb modes	CAL21
Rentals		Includes:
ARA01 Hire	ARA01KIT01 2 week hire	
CCC01 Hire	CCC01KIT01 2 week hire	
CGE01 Hire	CGE01KIT03 2 week hire	
CGE02 Hire	CGE02KIT03 2 week hire	
CGE03 Hire	CGE03KIT02 2 week hire	
CNE VI Hire	CNEVIKIT02 2 week hire	
CNE V Hire	CNEVKIT02 2 week hire	
YRS02 Hire	YRS02KIT02 2 week hire	
YRS03 Hire	YRS03KIT02 2 week hire	
HFG01 Hire	HFG01KIT01 2 week hire	
Repairs		Includes:
ARA Repair	Repair with characterisation - 1 major fault found (including CAL08)	CAL08
ARA Repair	Repair with no characterisation - 1 major fault found (not including CAL08)	-
CNE III Repair	1 major fault found (includes CAL01)	CAL01
CNE V / V+ Repair	1 major fault found (includes CAL03)	CAL03
CNE VI Repair	1 major fault found (includes CAL20)	CAL20
HFG01 repair	1 major fault found (includes CAL12)	CAL12

YRS Repair	1 major fault found (includes CAL16 (YRS01/2) or CAL19 (YRS03) as appropriate	CAL16 or CAL19