SCOPE OF ACCREDITATION TO ISO/IEC 17025-2005 & KS Q ISO/IEC 17025-2006

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CALIBRATION

Valid to : Aug. 12, 2019.

Accreditation No. : KC01-071(1/11)

In recognition of the successful completion of the KOLAS evaluation process, accreditation is granted to this laboratory to perform the following calibrations

Field Code	Measured Quantity Instrument or Gauge	on-site	Field Code	Measured Quantity Instrument or Gauge	on-site	Field Code	Measured Quantity Instrument or Gauge	on-site
301. Time/frequency								
30104	Frequency meters/counters	N						
402. Resistance, Capacitance and								
40217	Impedance bridges/LCR meters	Y						
404. Other DC & LF Measurements								
40411	Function generators	Y						
40419	Analogue/Digital multimeters	Y						
406. Radio frequency								
40623	Network analyzers	Y						
40635	RF power meters	Y						
40640	RF signal generators	Y						
40641	RF spectrum analyzers	Y						

Note

1. This laboratory provides calibration services in permanent standard laboratory and at on-site.
2. Laboratory conducts on-site calibration should meet requirements of KOLAS-SR-008.
3. On-site calibration is allowed to items with marking 'Y', not allowed to items with marking 'N'.
4. Calibration and Measurement Capability (CMC) means capabilities provided by accredited calibration laboratories. It expresses the lowest uncertainty of measurement that can be achieved during a calibration. CMC normally is quoted as an expanded uncertainty at a coverage probability of 95 %, which usually requires the use of a coverage factor of k=2.
5.Due to the calibration environment such as reference standards or customers' facilities, it is note that uncertainty of measurement on a calibration certificate may be expressed larger than CMC on scope of accreditation in general.

301. Time/frequency

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence Level is about 95 %)	Comments
Frequency meters/counters	30104			
Timebase Output Frequency		10 MHz	1.4×10^{-12}	GPS Receiver/Comparison Measurement
Input Frequency		10 MHz	6.1×10^{-11}	GPS Receiver/Direct Measurement

402. Resistance, Capacitance and Inductance

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
Impedance bridges/LCR meters	40217			
Capacitance		1 pF		Standard Capacitance/
		1 kHz	0.30 fF	Capacitance Measurement
		1 kHz ~ 1 MHz	0.40 fF	
		(1 ~ 13) MHz	3.6 fF	
		10 pF		
		1 kHz	3.0 fF	
		1 kHz ~ 1 MHz	3.0 fF	
		(1 ~ 13) MHz	4.0 fF	
		100 pF		
		1 kHz	30 fF	
		1 kHz ~ 1 MHz	30 fF	
		(1 ~ 13) MHz	60 fF	
		1 000 pF		
		1 kHz	0.35 pF	
		1 kHz ~ 1 MHz	0.35 pF	
		(1 ~ 13) MHz	3.0 pF	
		1 kHz		
		0.01 μF	0.70 pF	
		0.1 μF	7.0 pF	
		1 μF	70 pF	
Resistance		100 kHz		Standard Resistance/
		1 Ω	1.7 mΩ	Resistance Measurement
		1 MHz		
		1 Ω	2.4 mΩ	
		100 kHz		
		10 Ω	14 mΩ	
		1 MHz		
		10 Ω	14 mΩ	
		13 MHz		
		10 Ω	0.22 Ω	
		1 kHz		
		100 Ω	0.16 Ω	
		100 kHz		
		100 Ω	0.14 Ω	
		1 MHz		
		100 Ω	0.14 Ω	
		13 MHz		
		100 Ω	0.41 Ω	
		1 kHz		
		1 kΩ	2.4 Ω	
		100 kHz		
		1 kΩ	2.1 Ω	
		1 MHz		
		1 kΩ	2.1 Ω	
		13 MHz		
		1 kΩ	3.4 Ω	
		100 kHz		
		10 kΩ	21 Ω	
		1 MHz		
		10 kΩ	21 Ω	
		100 kHz		
		100 kΩ	3.3 kΩ	

404. Other DC & LF Measurements

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
Function Generators	40411			
Frequency		1 μHz ~ 1 kHz	0.58 mHz	Frequency Counter/
		1 kHz ~ 60 MHz	46 mHz	Frequency Measurement
Sine Amplitude		100 Hz ~ 100 kHz		DMM/Voltage Measurement
		(0 ~ 1.9) V	0.13 mV	
		(1.9 ~ 19) V	1.2 mV	
		(19 ~ 50) V	25 mV	
		100 kHz ~ 60 MHz		
		(0 ~ 7) V	28 mV	DMM, TVC/Voltage Measurement
		(7 ~ 14) V	55 mV	
		(14 ~ 50) V	0.19 V	
Square Amplitude		100 Hz ~ 100 kHz		DMM/Voltage Measurement
		(0 ~ 1.9) V	0.59 mV	
		(1.9 ~ 19) V	1.3 mV	
		(19 ~ 50) V	26 mV	
		100 kHz ~ 60 MHz		
		(0 ~ 1) V	23 mV	DMM, TVC/Voltage Measurement
		(1 ~ 10) V	55 mV	
		(10 ~ 50) V	0.19 V	
Triangle Amplitude		100 Hz ~ 100 kHz		DMM/Voltage Measurement
		(0 ~ 1.9) V	0.59 mV	
		(1.9 ~ 19) V	1.3 mV	
		(19 ~ 50) V	26 mV	
		100 kHz ~ 60 MHz		
		(0 ~ 7) V	23 mV	DMM, TVC/Voltage Measurement
		(7 ~ 14) V	55 mV	
		(14 ~ 50) V	0.19 V	
Ramp Amplitude		100 Hz ~ 100 kHz		DMM/Voltage Measurement
		(0 ~ 1.9) V	0.59 mV	
		(1.9 ~ 19) V	1.3 mV	
		(19 ~ 50) V	26 mV	
		100 kHz ~ 60 MHz		
		(0 ~ 1) V	23 mV	DMM, TVC/Voltage Measurement
		(1 ~ 10) V	55 mV	
		(10 ~ 50) V	0.19 V	
Flatness(Sine Wave)		1 kHz ~ 20 MHz	5.5 mV	DMM, TVC/Voltage Measurement
		(20 ~ 60) MHz	30 mV	
DC Offset		(0 ~ 5) V	48 μV	DMM/Voltage Measurement
		(5 ~ 20) V	0.52 mV	
Analogue/Digital multimeters	40419			
DC Voltage		100 mV	2.0 μV	Calibrator
		1 V	11 μV	/Voltage Measurement
		10 V	98 μV	
		100 V	1.2 mV	
		1 000 V	14 mV	
AC Voltage		40 Hz		Calibrator/
		100 mV	26 μV	Voltage Measurement
		1 kHz		
		100 mV	26 μV	
		20 kHz		
		100 mV	26 μV	
		100 kHz		
		100 mV	0.14 mV	
		40 Hz		
		1 V	0.11 mV	

404. Other DC & LF Measurements

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
Analogue/Digital multimeters	40419			
AC Voltage		1 kHz		Calibrator/
		1 V	0.11 mV	Voltage Measurement
		20 kHz		
		1 V	0.11 mV	
		100 kHz		
		1 V	0.44 mV	
		40 Hz		
		10 V	1.1 mV	
		1 kHz		
		10 V	1.1 mV	
		20 kHz		
		10 V	1.1 mV	
		100 kHz		
		10 V	3.9 mV	
		40 Hz		
		100 V	12 mV	
		1 kHz		
		100 V	12 mV	
		20 kHz		
		100 V	12 mV	
		100 kHz		
		100 V	84 mV	
		50 Hz		
		1 000 V	0.12 V	
		1 kHz		
		1 000 V	0.12 V	
DC Current		100 µA	18 nA	Calibrator,Amplifier
		1 mA	81 nA	/Current measurement
		10 mA	0.81 µA	
		100 mA	8.1 µA	
		1 A	0.11 mA	
		10 A	4.2 mA	
AC Current		40 Hz		Calibrator,Amplifier
		10 mA	2.6 µA	/Current measurement
		1 kHz		
		10 mA	2.6 µA	
		40 Hz		
		100 mA	24 µA	
		1 kHz		
		100 mA	24 µA	
		40 Hz		
		1 A	0.93 mA	
		1 kHz		
		1 A	0.93 mA	
		40 Hz		
		10 A	5.7 mA	
		1 kHz		
		10 A	5.7 mA	
Resistance		1 Ω	0.13 mΩ	Calibrator
		10 Ω	0.38 mΩ	/Resistance measurement
		100 Ω	2.3 mΩ	
		1 kΩ	17 mΩ	
		10 kΩ	0.16 Ω	
		100 kΩ	1.9 Ω	
		1 MΩ	27 Ω	
		10 MΩ	0.54 kΩ	
		100 MΩ	16 kΩ	

406. Radio frequency measurements

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
Network analyzers	40623			
Frequency Accuracy		50 MHz	11 Hz	Frequency Counter
		134.1 MHz	28 Hz	/Frequency Measurement
		548 MHz	0.12 kHz	
		3 GHz	0.63 kHz	
		4.5 GHz	0.94 kHz	
		8.5 GHz	1.8 kHz	
		10.5 GHz	2.2 kHz	
		14 GHz	3.0 kHz	
		20 GHz	4.2 kHz	
		30 GHz	6.3 kHz	
		40 GHz	8.4 kHz	
RF Output Level Accuracy		50 MHz	0.08 dB	Power Sensor,Power Meter
And Flatness		68 MHz	0.08 dB	/Power Flatness Measurement
		550 MHz	0.06 dB	
		1 050 MHz	0.07 dB	
		1 550 MHz	0.07 dB	
		2 050 MHz	0.09 dB	
		2 550 MHz	0.09 dB	
		3 025 MHz	0.09 dB	
		3 525 MHz	0.09 dB	
		4 025 MHz	0.09 dB	
		4 500 MHz	0.09 dB	
		5 025 MHz	0.09 dB	
		5 525 MHz	0.09 dB	
		6 025 MHz	0.09 dB	
		6 525 MHz	0.09 dB	
		7 025 MHz	0.09 dB	
		7 525 MHz	0.09 dB	
		8 025 MHz	0.10 dB	
		8 500 MHz	0.10 dB	
		8 525 MHz	0.10 dB	
		9 025 MHz	0.10 dB	
		9 525 MHz	0.10 dB	
		10 025 MHz	0.10 dB	
		10 525 MHz	0.10 dB	
		11 025 MHz	0.10 dB	
		11 525 MHz	0.10 dB	
		12 025 MHz	0.10 dB	
		12 525 MHz	0.10 dB	
		13 025 MHz	0.10 dB	
		14 000 MHz	0.10 dB	
		14 025 MHz	0.10 dB	
		14 525 MHz	0.11 dB	
		15 025 MHz	0.11 dB	
		15 525 MHz	0.11 dB	
		16 025 MHz	0.11 dB	
		16 525 MHz	0.11 dB	
		17 025 MHz	0.11 dB	
		17 525 MHz	0.11 dB	
		18 025 MHz	0.12 dB	
		18 525 MHz	0.13 dB	
		19 025 MHz	0.13 dB	
		19 525 MHz	0.13 dB	
		20 000 MHz	0.13 dB	
		21 000 MHz	0.53 dB	
		22 000 MHz	0.53 dB	
		23 000 MHz	0.53 dB	
		24 000 MHz	0.53 dB	
		25 000 MHz	0.53 dB	

406. Radio frequency measurements

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
Network Analyzers	40623			
RF Output Level Accuracy		26 000 MHz	0.53 dB	Power Sensor,Power Meter
And Flatness		27 000 MHz	0.69 dB	/Power Flatness Measurement
		28 000 MHz	0.69 dB	
		29 000 MHz	0.69 dB	
		30 000 MHz	0.69 dB	
		31 000 MHz	0.69 dB	
		32 000 MHz	0.69 dB	
		33 000 MHz	0.69 dB	
		34 000 MHz	0.69 dB	
		35 000 MHz	0.69 dB	
		36 000 MHz	0.69 dB	
		37 000 MHz	0.69 dB	
		38 000 MHz	0.69 dB	
		39 000 MHz	0.69 dB	
		40 000 MHz	0.90 dB	
RF Output Level Linearity		50 MHz		Power Sensor,Power Meter
		(10 dBm ~ -12.5 dBm)	0.08 dB	/Power Level Measurement
		(-15 dBm ~ -25 dBm)	0.08 dB	
		3 GHz		
		(10 dBm ~ -12.5 dBm)	0.09 dB	
		(-15 dBm ~ -25 dBm)	0.08 dB	
		4.5 GHz		
		(10 dBm ~ -12.5 dBm)	0.09 dB	
		(-15 dBm ~ -25 dBm)	0.08 dB	
		5 GHz		
		(10 dBm ~ -12.5 dBm)	0.09 dB	
		(-15 dBm ~ -25 dBm)	0.08 dB	
		6 GHz		
		(10 dBm ~ -12.5 dBm)	0.09 dB	
		(-15 dBm ~ -25 dBm)	0.08 dB	
		7 GHz		
		(10 dBm ~ -12.5 dBm)	0.09 dB	
		(-15 dBm ~ -25 dBm)	0.08 dB	
		8.5 GHz		
		(9 dBm ~ -12.5 dBm)	0.10 dB	
		(-15 dBm ~ -25 dBm)	0.09 dB	
		10.5 GHz		
		(7 dBm ~ -12.5 dBm)	0.10 dB	
		(-15 dBm ~ -25 dBm)	0.09 dB	
		14 GHz		
		(3 dBm ~ -12.5 dBm)	0.10 dB	
		(-15 dBm ~ -25 dBm)	0.09 dB	
		20 GHz		
		(0 dBm ~ -12.5 dBm)	0.13 dB	
		(-15 dBm ~ -25 dBm)	0.11 dB	
		30 GHz		
		(-15 dBm ~ -25 dBm)	0.12 dB	
		40 GHz		
		(-15 dBm ~ -25 dBm)	0.12 dB	
Dynamic Accuracy		50 MHz		Power Sensor,Step Attenuator
		(0 dBm ~ -20 dBm)	0.069 dB	/Comparison Measurement
		(-30 dBm ~ -60 dBm)	0.070 dB	
		(-70 dBm)	0.071 dB	
		(-80 dBm)	0.072 dB	
		(-90 dBm)	0.074 dB	
		(-100 dBm)	0.087 dB	
RF power meters	40635			
TimeBase Frequency Accuracy		10 MHz	0.24 Hz	Frequency Counter/Frequency Measurement

406. Radio frequency measurements

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
RF power meters	40635			
Instrument Accuracy		3 μW	0.58 nW	DC Calibrator/Power Measurement
		10 μW	5.8 nW	
		30 μW	5.8 nW	
		100 μW	58 nW	
		300 μW	58 nW	
		1 mW	0.58 μW	
		10 mW	0.58 μW	
		3 mW	5.8 μW	
		30 mW	5.8 μW	
		100 mW	58 μW	
Power Reference Level		1 mW	4.1 μW	DMM,Power Meter/Power
RF signal generators	40640			
10 MHz Reference Output Accuracy		10 MHz	0.24 Hz	Frequency Counter /Frequency Measurement
Power Level Accuracy		0.3 MHz		Measuring Receiver
		(7 dBm ~ -20 dBm)	0.18 dB	/Power Measurement
		1 MHz		
		(7 dBm ~ -20 dBm)	0.18 dB	
		10 MHz		
		(7 dBm ~ -20 dBm)	0.18 dB	
		30 MHz		
		(7 dBm ~ -5 dBm)	0.18 dB	
		(-10 dBm ~ -30 dBm)	0.36 dB	
		(-40 dBm ~ -70 dBm)	0.37 dB	
		(-80 dBm ~ -90 dBm)	0.47 dB	
		(-100 dBm ~ -120 dBm)	0.60 dB	
		300 MHz		
		(7 dBm ~ -5 dBm)	0.18 dB	
		(-10 dBm ~ -30 dBm)	0.36 dB	
		(-40 dBm ~ -70 dBm)	0.37 dB	
		(-80 dBm ~ -90 dBm)	0.47 dB	
		(-100 dBm ~ -120 dBm)	0.60 dB	
		500 MHz		
		(7 dBm ~ -5 dBm)	0.18 dB	
		(-10 dBm ~ -30 dBm)	0.36 dB	
		(-40 dBm ~ -70 dBm)	0.37 dB	
		(-80 dBm ~ -90 dBm)	0.47 dB	
		(-100 dBm ~ -120 dBm)	0.60 dB	
		1 000 MHz		
		(7 dBm ~ -5 dBm)	0.18 dB	
		(-10 dBm ~ -30 dBm)	0.36 dB	
		(-40 dBm ~ -70 dBm)	0.37 dB	
		(-80 dBm ~ -90 dBm)	0.47 dB	
		(-100 dBm ~ -120 dBm)	0.60 dB	
		2 000 MHz		
		(7 dBm ~ -5 dBm)	0.26 dB	
		(-10 dBm ~ -20 dBm)	0.35 dB	
		(-30 dBm ~ -60 dBm)	0.38 dB	
		(-70 dBm ~ -90 dBm)	0.36 dB	
		3 000 MHz		
		(7 dBm ~ -5 dBm)	0.30 dB	
		(-10 dBm ~ -20 dBm)	0.38 dB	
		(-30 dBm ~ -60 dBm)	0.41 dB	
		(-70 dBm ~ -90 dBm)	0.39 dB	
		4 000 MHz		
		(7 dBm ~ -5 dBm)	0.34 dB	
		(-10 dBm ~ -20 dBm)	0.40 dB	
		(-30 dBm ~ -60 dBm)	0.43 dB	

406. Radio frequency measurements

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
RF signal generators	40640			
Power Level Accuracy		4 000 MHz		Measuring Receiver
		(-70 dBm ~ -90 dBm)	0.42 dB	/Power Measurement
		5 000 MHz		
		(7 dBm ~ -5 dBm)	0.34 dB	
		(-10 dBm ~ -20 dBm)	0.41 dB	
		(-30 dBm ~ -60 dBm)	0.43 dB	
		(-70 dBm ~ -90 dBm)	0.42 dB	
		6 000 MHz		
		(7 dBm ~ -5 dBm)	0.34 dB	
		(-10 dBm ~ -20 dBm)	0.41 dB	
		(-30 dBm ~ -60 dBm)	0.43 dB	
		(-70 dBm ~ -90 dBm)	0.42 dB	
		8 000 MHz		
		(7 dBm ~ -5 dBm)	0.34 dB	
		(-10 dBm ~ -20 dBm)	0.41 dB	
		(-30 dBm ~ -60 dBm)	0.44 dB	
		(-70 dBm ~ -90 dBm)	0.42 dB	
		10 000 MHz		
		(7 dBm ~ -5 dBm)	0.34 dB	
		(-10 dBm ~ -20 dBm)	0.41 dB	
		(-30 dBm ~ -60 dBm)	0.44 dB	
		(-70 dBm ~ -90 dBm)	0.42 dB	
		14 000 MHz		
		(7 dBm ~ -5 dBm)	0.35 dB	
		(-10 dBm ~ -20 dBm)	0.41 dB	
		(-30 dBm ~ -60 dBm)	0.44 dB	
		(-70 dBm ~ -90 dBm)	0.43 dB	
		18 000 MHz		
		(7 dBm ~ -5 dBm)	0.35 dB	
		(-10 dBm ~ -20 dBm)	0.41 dB	
		(-30 dBm ~ -60 dBm)	0.44 dB	
		(-70 dBm ~ -90 dBm)	0.43 dB	
		22 000 MHz		
		(7 dBm ~ -5 dBm)	0.58 dB	
		(-10 dBm ~ -20 dBm)	0.62 dB	
		(-30 dBm ~ -60 dBm)	0.64 dB	
		(-70 dBm ~ -90 dBm)	0.63 dB	
		26 500 MHz		
		(7 dBm ~ -5 dBm)	0.59 dB	
		(-10 dBm ~ -20 dBm)	0.63 dB	
		(-30 dBm ~ -60 dBm)	0.65 dB	
		(-70 dBm ~ -90 dBm)	0.64 dB	
		30 000 MHz		
		(7 dBm ~ -20 dBm)	0.46 dB	
		34 000 MHz		
		(7 dBm ~ -20 dBm)	0.46 dB	
		38 000 MHz		
		(7 dBm ~ -20 dBm)	0.46 dB	
		40 000 MHz		
		(7 dBm ~ -20 dBm)	0.46 dB	
FM Deviation Accuracy		DC ~ 50 kHz	3.1 kHz	Measuring Receiver/FM Measurement
		50 kHz ~ 100 kHz	5.9 kHz	
AM Accuracy		300 MHz ~ 1.3 GHz		Measuring Receiver/AM Measurement
		30 %	0.48 %	

406. Radio frequency measurements

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
RF signal generators	40640			
AM Accuracy		300 MHz ~ 1.3 GHz		Measuring Receiver/AM Measurement
		90 %	1.1 %	
		1.3 GHz ~ 26.5 GHz		
		30 %	0.62 %	
		90 %	1.7 %	
FM Distortion		DC ~ 50 kHz	0.009 %	Audio Analyzer
		50 kHz ~ 100 kHz	0.009 %	/FM Distortion Measurement
AM Distortion		501 kHz ~ 26.5 GHz		Audio Analyzer
		30 %	0.009 %	/AM Distortion Measurement
		90 %	0.009 %	
Harmonic Spurious		0.25 MHz ~ 10 MHz	0.8 dB	Spectrum Analyzer/Power Measurement
		10 MHz ~ 3 GHz	1.4 dB	
		3 GHz ~ 13.2 GHz	2.6 dB	
		13.2 GHz ~ 19 GHz	3.0 dB	
		19 GHz ~ 26.5 GHz	3.9 dB	
RF spectrum analyzers	40641			
10 MHz Reference Output Accuracy		10 MHz	0.23 Hz	Frequency Counter /Frequency Measurement
Power Bandwidth Accuracy		RBW		
		3 Hz ~1 MHz	0.08 dB	Spectrum Analyzer/Power Measurement
Resolution Bandwidth Switching		RBW		
Uncertainty		300 Hz ~ 8 MHz	0.08 dB	Spectrum Analyzer/Power Measurement
Displayed Average Noise Level		5 MHz	0.7 dB	Spectrum Analyzer/Power Measurement
		2 GHZ	1.8 dB	
		6 GHZ	2.3 dB	
		13 GHZ	2.7 dB	
		20 GHZ	2.1 dB	
		26.5 GHZ	2.7 dB	
		40 GHZ	2.7 dB	
Frequency Readout Accuracy		517.590 MHz		Spectrum Analyzer
		Span 1.98 MHz	2 kHz	/Frequency Measurement
		832.500 MHz		
		Span 1.98 MHz	2 kHz	
		1 505.00 MHz		
		Span 318 MHz	0.31 MHz	
		1 505.00 MHz		
		Span 127.2 MHz	0.12 MHz	
		1 505.00 MHz		
		Span 54.1 MHz	0.05 MHz	
		1 505.000 0 MHz		
		Span 7.95 MHz	7.7 kHz	
		1 505.0 MHz		
		Span 106 MHz	0.1 MHz	
Frequency Span Accuracy		517.590 MHz		Spectrum Analyzer
		Span 1 MHz	3 kHz	/Frequency Measurement
		517.590 MHz		
		Span 1.98 MHz	6 kHz	
		628.600 MHz		
		Span 1.98 MHz	6 kHz	
		819.600 MHz		
		Span 1.98 MHz	6 kHz	
		832.500 MHz		
		Span 1 MHz	3 kHz	

406. Radio frequency measurements

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
RF spectrum analyzers	40641			
Frequency Span Accuracy		832.500 MHz		Spectrum Analyzer
		Span 1.98 MHz	6 kHz	/Frequency Measurement
		832.500 MHz		
		Span 2 MHz	6 kHz	
		832.500 MHz		
		Span 100 MHz	0.3 MHz	
Count Accuracy		1 GHz	0.6 Hz	Spectrum Analyzer
				/Frequency Measurement
Absolute Amplitude Accuracy		-10 dBm ~ -50 dBm	0.25 dB	Power Sensor,Step Attenuator
				/Power Measurement
Frequency Response		50 MHz	0.08 dB	Power Sensor,Power Splitter
		150 MHz	0.08 dB	/Comparison Measurement
		350 MHz	0.08 dB	
		550 MHz	0.08 dB	
		750 MHz	0.08 dB	
		950 MHz	0.08 dB	
		1 150 MHz	0.08 dB	
		1 350 MHz	0.08 dB	
		1 550 MHz	0.08 dB	
		1 750 MHz	0.08 dB	
		1 950 MHz	0.08 dB	
		2 150 MHz	0.08 dB	
		2 350 MHz	0.08 dB	
		2 550 MHz	0.08 dB	
		2 750 MHz	0.08 dB	
		2 950 MHz	0.08 dB	
		3 150 MHz	0.08 dB	
		3 350 MHz	0.08 dB	
		3 550 MHz	0.08 dB	
		3 650 MHz	0.08 dB	
		3 850 MHz	0.08 dB	
		4 050 MHz	0.08 dB	
		4 250 MHz	0.08 dB	
		4 450 MHz	0.08 dB	
		4 650 MHz	0.08 dB	
		4 850 MHz	0.08 dB	
		5 050 MHz	0.08 dB	
		5 250 MHz	0.08 dB	
		5 450 MHz	0.08 dB	
		5 650 MHz	0.08 dB	
		5 850 MHz	0.08 dB	
		6 050 MHz	0.09 dB	
		6 250 MHz	0.09 dB	
		6 450 MHz	0.09 dB	
		6 650 MHz	0.09 dB	
		6 850 MHz	0.09 dB	
		7 050 MHz	0.09 dB	
		7 250 MHz	0.09 dB	
		7 450 MHz	0.09 dB	
		7 650 MHz	0.09 dB	
		7 850 MHz	0.09 dB	
		8 050 MHz	0.09 dB	
		8 250 MHz	0.09 dB	
		8 450 MHz	0.09 dB	
		8 650 MHz	0.09 dB	
		8 850 MHz	0.09 dB	
		9 050 MHz	0.09 dB	
		9 250 MHz	0.09 dB	
		9 450 MHz	0.09 dB	

406. Radio frequency measurements

Measured Quantity Instrument or Gauge	Field Code	Range	CMC (The Confidence	Comments
RF spectrum analyzers	40641			
Frequency Response		9 650 MHz	0.09 dB	Power Sensor,Power Splitter
		9 850 MHz	0.09 dB	/Comparison Measurement
		10 050 MHz	0.09 dB	
		11 050 MHz	0.09 dB	
		12 050 MHz	0.09 dB	
		13 050 MHz	0.09 dB	
		14 050 MHz	0.09 dB	
		15 050 MHz	0.09 dB	
		16 050 MHz	0.09 dB	
		17 050 MHz	0.09 dB	
		18 050 MHz	0.09 dB	
		19 050 MHz	0.09 dB	
		20 050 MHz	0.09 dB	
		21 050 MHz	0.09 dB	
		22 050 MHz	0.09 dB	
		23 050 MHz	0.09 dB	
		24 050 MHz	0.09 dB	
		25 050 MHz	0.09 dB	
		26 050 MHz	0.09 dB	
		26 450 MHz	0.09 dB	
		27 050 MHz	0.09 dB	
		28 050 MHz	0.09 dB	
		29 050 MHz	0.09 dB	
		30 050 MHz	0.09 dB	
		31 050 MHz	0.09 dB	
		32 050 MHz	0.09 dB	
		33 050 MHz	0.09 dB	
		34 050 MHz	0.09 dB	
		35 050 MHz	0.09 dB	
		36 050 MHz	0.09 dB	
		37 050 MHz	0.09 dB	
		38 050 MHz	0.09 dB	
		39 050 MHz	0.09 dB	