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Accreditation No.: **SCS 0108**

Client **Intel France**

Certificate No: **EUmmWV2-9354_Mar18**

CALIBRATION CERTIFICATE

Object **EUmmWV2 - SN:9354**

Calibration procedure(s) **QA CAL-02.v8, QA CAL-25.v6, QA CAL-42.v2**
 Calibration procedure for E-field probes optimized for close near field
 evaluations in air

Calibration date: **March 23, 2018**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
 The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-17 (No. 217-02521/02522)	Apr-18
Power sensor NRP-Z91	SN: 103244	04-Apr-17 (No. 217-02521)	Apr-18
Power sensor NRP-Z91	SN: 103245	04-Apr-17 (No. 217-02525)	Apr-18
Reference 20 dB Attenuator	SN: S5277 (20x)	07-Apr-17 (No. 217-02528)	Apr-18
Reference Probe ER3DV6	SN: 2328	10-Oct-17 (No. ER3-2328_Oct17)	Oct-18
DAE4	SN: 789	2-Aug-17 (No. DAE4-789_Aug17)	Aug-18
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-16)	In house check: Jun-18
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-16)	In house check: Jun-18
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-16)	In house check: Jun-18
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-16)	In house check: Jun-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Katja Pokovic	Technical Manager	
Approved by:	Niels Kuster	Quality Manager	
			Issued: March 24, 2018
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			



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Glossary:

NORM _{x,y,z}	sensitivity in free space
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization ϕ	ϕ rotation around probe axis
Polarization ϑ	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system
Sensor Angles	sensor deviation from the probe axis, used to calculate the field orientation and polarization
k	is the wave propagation direction

Calibration is Performed According to the Following Standards:

- IEEE Std 1309-2005, "IEEE Standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz", December 2005

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}**: Assessed for E-field polarization $\vartheta = 0$ for XY sensors and $\vartheta = 90$ for Z sensor ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). For frequencies > 3 GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 90 GHz. The frequency dependency is fitted using a sensor model involving resistors R , R_p , inductance L and capacitors C , C_p .
- DCP_{x,y,z}**: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- PAR**: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- A_{x,y,z}; B_{x,y,z}; C_{x,y,z}; D_{x,y,z}; VR_{x,y,z}**: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- Sensor Offset**: The sensor offset corresponds to the mechanical from the probe tip (on probe axis). No tolerance required.
- Connector Angle**: The angle is assessed using the information gained by determining the NORM_x (no uncertainty required).
- Equivalent Sensor Angle**: The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the NORM_x (no uncertainty required).
- Spherical Isotropy (3D deviation from isotropy)**: in a locally homogeneous field realized using an open waveguide / horn setup.

Probe EUmmWV2

SN:9354

Manufactured: December 8, 2016
Calibrated: March 23, 2018

Calibrated for DASY Systems
(Note: non-compatible with DASY2 system!)

DASY - Parameters of Probe: EUmmWV2 - SN:9354

Basic Calibration Parameters (750 MHz – 3 GHz)

	Sensor X	Sensor Y	Unc (k=2)
Norm ($\mu\text{V}/(\text{V}/\text{m})^2$)	0.02548	0.02866	$\pm 10.1 \%$
DCP (mV) ^B	105.0	115.0	
Equivalent Sensor Angle	-59.6	31.3	

Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB $\sqrt{\mu\text{V}}$	C	D dB	VR mV	Unc ^E (k=2)
0	CW	X	0.0	0.0	1.0	0.00	119.4	$\pm 2.2 \%$
		Y	0.0	0.0	1.0		91.0	

Note: For details on UID parameters see Appendix.

Sensor Model Parameters

	C1 fF	C2 fF	α V^{-1}	T1 $\text{ms}\cdot\text{V}^{-2}$	T2 $\text{ms}\cdot\text{V}^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
X	6.458	46.28	32.99	0.915	3.598	4.90	0.00	0.781	0.997
Y	48.27	349.3	33.61	0.916	4.393	4.99	0.00	1.336	1.006

Other Probe Parameters (750 MHz – 3 GHz)

Sensor Arrangement	Rectangular
Connector Angle (°)	77.8
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8 mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

^B Numerical linearization parameter: uncertainty not required.

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Appendix (Additional assessments outside the scope of SCS 0108)**DASY - Parameters of Probe: EUmmWV2 - SN:9354****Sensor Frequency Model Parameters for $f > 3$ GHz ^z**

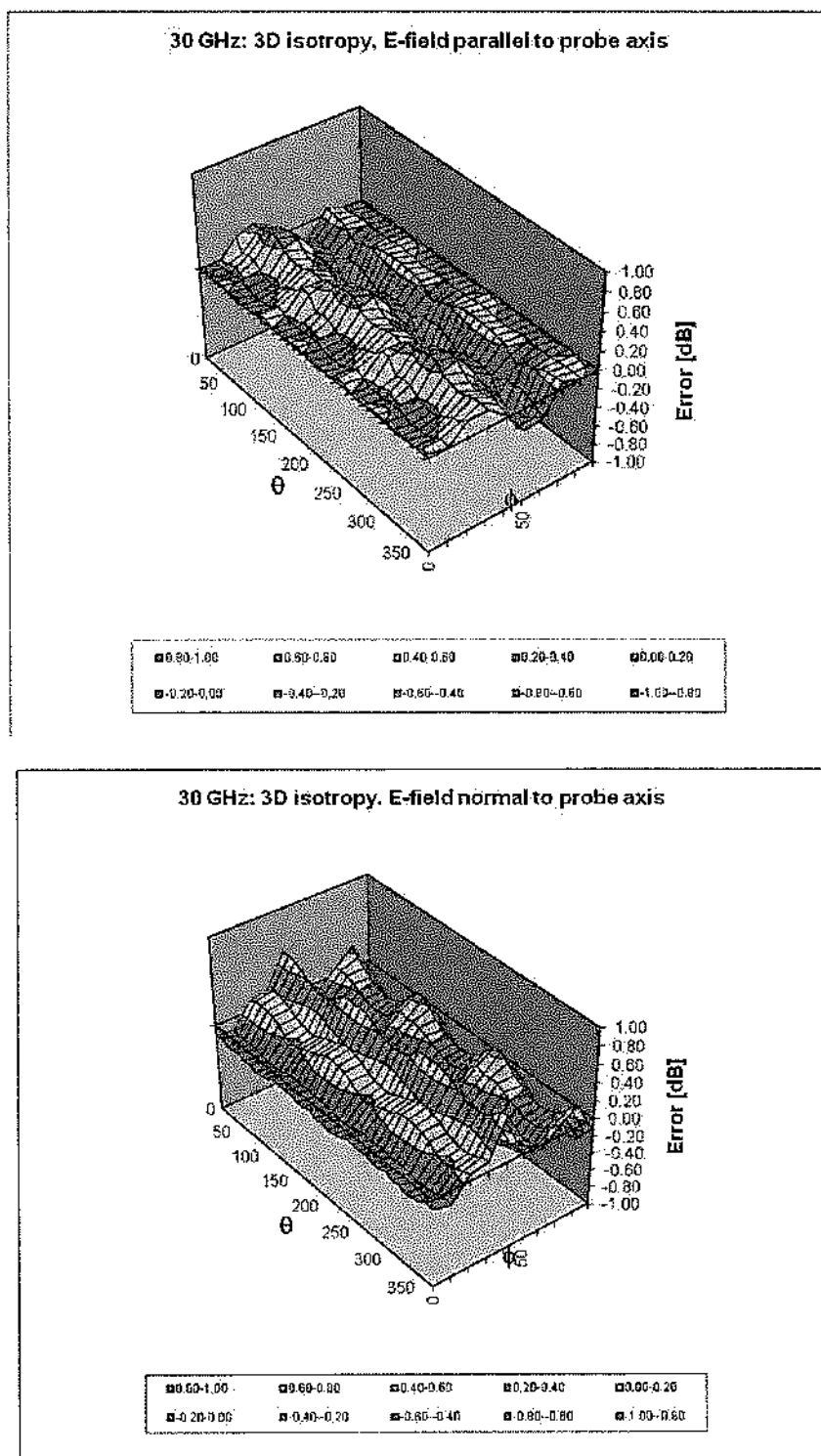
	Sensor X	Sensor Y
R (Ω)	34.86	40.26
R _p (Ω)	97.51	92.72
L (nH)	0.03053	0.02989
C (pF)	0.2142	0.2654
C _p (pF)	0.1384	0.1261

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

^z Uncertainty is the probe model uncertainty including *Norm*, expressed as normal distribution, which is < 1 dB.

Deviation from Isotropy in Air

$f = 30 \text{ GHz}$



Probe isotropy for E_{tot} : probe rotated $\phi = 0^\circ$ to 360° , tilted from field propagation direction $\vec{k}$
 Parallel to the field propagation ($\psi = 0^\circ - 90^\circ$): deviation within $\pm 0.34 \text{ dB}$
 Normal to field orientation ($\theta = 0^\circ - 90^\circ$): deviation within $\pm 0.46 \text{ dB}$

Appendix: Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB μ V	C	D dB	VR mV	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0.00	300.0	$\pm 2.2\%$
		Y	0.00	0.00	1.00		300.0	
10010-CAA	SAR Validation (Square, 100ms, 10ms)	X	17.17	94.58	26.43	10.00	6.0	$\pm 9.6\%$
		Y	5.66	71.61	16.04		6.0	
10011-CAB	UMTS-FDD (WCDMA)	X	1.04	72.46	15.70	0.00	34.0	$\pm 9.6\%$
		Y	0.84	64.79	13.21		34.0	
10012-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	X	1.26	65.00	14.26	0.41	42.0	$\pm 9.6\%$
		Y	1.09	62.69	13.89		42.0	
10013-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	X	3.65	67.11	14.97	1.46	10.0	$\pm 9.6\%$
		Y	4.86	66.52	16.56		10.0	
10021-DAC	GSM-FDD (TDMA, GMSK)	X	19.58	98.21	28.74	9.39	7.0	$\pm 9.6\%$
		Y	7.32	76.23	19.39		7.0	
10023-DAC	GPRS-FDD (TDMA, GMSK, TN 0)	X	10.51	85.35	23.90	9.57	7.0	$\pm 9.6\%$
		Y	7.25	75.73	19.21		7.0	
10024-DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	X	16.32	97.83	27.16	6.56	13.0	$\pm 9.6\%$
		Y	5.62	76.46	18.20		13.0	
10025-DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	X	4.63	60.00	17.48	12.57	4.0	$\pm 9.6\%$
		Y	6.08	60.00	15.82		4.0	
10026-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	X	6.31	75.91	25.01	9.56	7.0	$\pm 9.6\%$
		Y	7.70	78.34	24.82		7.0	
10027-DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	X	62.56	124.41	34.10	4.80	19.0	$\pm 9.6\%$
		Y	4.91	78.06	17.99		19.0	
10028-DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	X	100.00	139.00	38.06	3.55	25.0	$\pm 9.6\%$
		Y	4.43	79.86	18.00		25.0	
10029-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	X	4.90	72.53	22.86	7.80	11.0	$\pm 9.6\%$
		Y	5.72	74.53	22.53		11.0	
10030-CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	X	3.81	74.91	17.87	5.30	17.0	$\pm 9.6\%$
		Y	4.51	75.26	17.07		17.0	
10031-CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	X	1.16	70.49	16.37	1.88	37.0	$\pm 9.6\%$
		Y	1.67	73.95	14.53		37.0	
10032-CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	X	0.69	67.44	15.78	1.17	43.0	$\pm 9.6\%$
		Y	1.03	73.27	13.48		43.0	
10033-CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	X	3.21	70.27	14.70	5.30	11.0	$\pm 9.6\%$
		Y	4.06	71.82	16.96		11.0	
10034-CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	X	0.83	63.77	9.27	1.88	23.0	$\pm 9.6\%$
		Y	1.84	67.87	13.93		23.0	
10035-CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	X	0.50	61.96	7.71	1.17	27.0	$\pm 9.6\%$
		Y	1.44	66.60	13.07		27.0	
10036-CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	X	3.41	71.12	15.09	5.30	11.0	$\pm 9.6\%$
		Y	4.23	72.59	17.36		11.0	

10037-CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	X	0.83	63.63	9.05	1.88	22.0	± 9.6 %
		Y	1.78	67.54	13.75		22.0	
10038-CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	X	0.53	62.51	7.97	1.17	26.0	± 9.6 %
		Y	1.44	66.74	13.22		26.0	
10039-CAB	CDMA2000 (1xRTT, RC1)	X	6.51	60.83	1.69	0.00	25.0	± 9.6 %
		Y	1.35	68.08	13.41		25.0	
10042-CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	X	15.86	94.83	26.11	7.78	10.0	± 9.6 %
		Y	6.30	76.08	18.06		10.0	
10044-CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	X	0.23	60.00	15.35	0.00	55.0	± 9.6 %
		Y	0.02	123.72	8.81		55.0	
10048-CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	X	9.82	78.28	22.44	13.80	3.0	± 9.6 %
		Y	8.60	73.18	19.78		3.0	
10049-CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	X	9.69	81.85	22.75	10.79	5.0	± 9.6 %
		Y	7.85	75.30	19.39		5.0	
10056-CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	X	6.85	76.32	19.39	9.03	5.0	± 9.6 %
		Y	7.02	74.15	18.80		5.0	
10058-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	X	4.12	70.60	21.58	6.55	14.0	± 9.6 %
		Y	4.58	71.98	20.96		14.0	
10059-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	X	1.28	65.15	14.17	0.61	39.0	± 9.6 %
		Y	1.14	63.43	14.20		39.0	
10060-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	X	1.39	69.56	16.30	1.30	32.0	± 9.6 %
		Y	1.44	71.29	15.85		32.0	
10061-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	X	1.72	67.27	14.86	2.04	28.0	± 9.6 %
		Y	1.95	69.58	16.47		28.0	
10062-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	X	3.33	67.13	14.49	0.49	12.0	± 9.6 %
		Y	4.60	66.42	16.02		12.0	
10063-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	X	3.39	67.28	14.69	0.72	12.0	± 9.6 %
		Y	4.63	66.51	16.10		12.0	
10064-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	X	3.42	66.97	14.50	0.86	11.0	± 9.6 %
		Y	4.92	66.79	16.33		11.0	
10065-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	X	3.50	67.06	14.67	1.21	11.0	± 9.6 %
		Y	4.82	66.71	16.40		11.0	
10066-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	X	3.54	66.85	14.49	1.46	10.0	± 9.6 %
		Y	4.86	66.77	16.55		10.0	
10067-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	X	3.80	67.10	14.87	2.04	8.0	± 9.6 %
		Y	5.19	66.99	16.99		8.0	
10068-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	X	3.92	67.07	15.14	2.55	8.0	± 9.6 %
		Y	5.30	67.15	17.22		8.0	
10069-CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	X	3.95	66.87	15.04	2.67	8.0	± 9.6 %
		Y	5.39	67.17	17.41		8.0	
10071-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	X	3.84	67.32	15.38	1.99	9.0	± 9.6 %
		Y	5.00	66.68	16.85		9.0	

10072-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	X	3.89	67.51	15.52	2.30	9.0	± 9.6 %
		Y	5.02	67.04	17.04		9.0	
10073-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	X	4.05	67.77	15.91	2.83	9.0	± 9.6 %
		Y	5.15	67.29	17.35		9.0	
10074-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	X	4.21	68.10	16.37	3.30	8.0	± 9.6 %
		Y	5.20	67.31	17.53		8.0	
10075-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	X	4.43	68.57	16.84	3.82	7.0	± 9.6 %
		Y	5.33	67.60	17.87		7.0	
10076-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	X	4.64	68.91	17.20	4.15	7.0	± 9.6 %
		Y	5.40	67.52	18.02		7.0	
10077-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	X	4.70	69.02	17.37	4.30	7.0	± 9.6 %
		Y	5.44	67.62	18.13		7.0	
10081-CAB	CDMA2000 (1xRTT, RC3)	X	0.11	60.00	4.03	0.00	27.0	± 9.6 %
		Y	0.66	63.39	10.51		27.0	
10082-CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	X	1.05	60.00	8.79	4.77	19.0	± 9.6 %
		Y	0.76	56.44	5.11		19.0	
10090-DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	X	15.51	96.89	26.88	6.56	13.0	± 9.6 %
		Y	5.61	76.39	18.20		13.0	
10097-CAB	UMTS-FDD (HSDPA)	X	0.75	64.29	9.43	0.00	28.0	± 9.6 %
		Y	1.62	66.13	14.44		28.0	
10098-CAB	UMTS-FDD (HSUPA, Subtest 2)	X	0.79	64.96	9.86	0.00	28.0	± 9.6 %
		Y	1.59	66.04	14.37		28.0	
10099-DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	X	6.32	75.90	24.99	9.56	7.0	± 9.6 %
		Y	7.71	78.31	24.80		7.0	
10100-CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	2.17	69.02	16.55	0.00	21.0	± 9.6 %
		Y	2.84	68.96	15.63		21.0	
10101-CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	2.49	67.91	15.45	0.00	18.0	± 9.6 %
		Y	3.07	66.82	15.21		18.0	
10102-CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	2.58	68.20	15.58	0.00	17.0	± 9.6 %
		Y	3.18	66.89	15.37		17.0	
10103-CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	2.20	60.00	12.72	3.98	9.0	± 9.6 %
		Y	2.48	60.00	13.27		9.0	
10104-CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	4.64	69.14	16.58	3.98	8.0	± 9.6 %
		Y	6.14	70.82	18.41		8.0	
10105-CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	2.55	60.00	12.58	3.98	8.0	± 9.6 %
		Y	3.05	60.00	13.89		8.0	
10108-CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	1.78	69.37	15.68	0.00	20.0	± 9.6 %
		Y	2.48	68.16	15.42		20.0	
10109-CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	1.88	67.21	13.38	0.00	18.0	± 9.6 %
		Y	2.73	66.60	15.07		18.0	
10110-CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	X	1.06	65.77	11.34	0.00	20.0	± 9.6 %
		Y	1.99	67.08	14.89		20.0	

10111-CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	0.72	60.26	6.61	0.00	18.0	± 9.6 %
		Y	2.44	67.30	15.32		18.0	
10112-CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	1.90	67.02	13.18	0.00	17.0	± 9.6 %
		Y	2.86	66.67	15.19		17.0	
10113-CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	0.72	60.00	6.29	0.00	17.0	± 9.6 %
		Y	2.60	67.53	15.52		17.0	
10114-CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	X	4.05	67.68	16.26	0.00	13.0	± 9.6 %
		Y	5.00	66.94	16.02		13.0	
10115-CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	X	4.21	68.20	16.35	0.00	12.0	± 9.6 %
		Y	5.30	67.11	16.11		12.0	
10116-CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	X	4.06	67.98	16.29	0.00	13.0	± 9.6 %
		Y	5.09	67.12	16.04		13.0	
10117-CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	X	4.05	67.62	16.26	0.00	13.0	± 9.6 %
		Y	4.97	66.84	15.99		13.0	
10118-CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	X	4.24	68.25	16.37	0.00	12.0	± 9.6 %
		Y	5.37	67.25	16.19		12.0	
10119-CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	X	4.07	67.95	16.28	0.00	13.0	± 9.6 %
		Y	5.07	67.06	16.02		13.0	
10140-CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	2.42	67.93	14.99	0.00	18.0	± 9.6 %
		Y	3.22	66.89	15.29		18.0	
10141-CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	2.58	68.67	15.38	0.00	18.0	± 9.6 %
		Y	3.35	67.04	15.50		18.0	
10142-CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	0.40	60.00	5.45	0.00	20.0	± 9.6 %
		Y	1.76	66.88	14.46		20.0	
10143-CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	15.41	60.81	1.74	0.00	18.0	± 9.6 %
		Y	2.27	67.76	14.92		18.0	
10144-CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	7.65	243.42	28.60	0.00	17.0	± 9.6 %
		Y	2.07	65.58	13.33		17.0	
10145-CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	0.00	134.34	64.09	0.00	19.0	± 9.6 %
		Y	1.05	63.54	10.57		19.0	
10146-CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	0.22	329.08	2.50	0.00	17.0	± 9.6 %
		Y	2.23	66.07	11.56		17.0	
10147-CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	0.00	60.00	0.00	0.00	16.0	± 9.6 %
		Y	2.55	67.72	12.48		16.0	
10149-CAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	1.90	67.39	13.49	0.00	18.0	± 9.6 %
		Y	2.74	66.66	15.13		18.0	
10150-CAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	X	1.92	67.18	13.28	0.00	17.0	± 9.6 %
		Y	2.87	66.73	15.23		17.0	
10151-CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	3.77	69.56	15.92	3.98	9.0	± 9.6 %
		Y	5.67	72.35	18.40		9.0	
10152-CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	3.61	66.75	13.67	3.98	8.0	± 9.6 %
		Y	5.63	70.39	17.93		8.0	

10153-CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	X	3.87	67.70	14.40	3.98	8.0	± 9.6 %
		Y	5.97	71.31	18.70		8.0	
10154-CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	1.09	66.10	11.53	0.00	20.0	± 9.6 %
		Y	2.04	67.56	15.20		20.0	
10155-CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	0.72	60.32	6.67	0.00	18.0	± 9.6 %
		Y	2.44	67.29	15.32		18.0	
10156-CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	0.30	60.00	4.13	0.00	20.0	± 9.6 %
		Y	1.60	66.81	14.18		20.0	
10157-CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	28.62	333.71	54.39	0.00	17.0	± 9.6 %
		Y	1.88	65.90	13.24		17.0	
10158-CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	0.72	60.00	6.30	0.00	17.0	± 9.6 %
		Y	2.61	67.60	15.57		17.0	
10159-CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	9.64	342.49	37.68	0.00	17.0	± 9.6 %
		Y	1.99	66.40	13.56		17.0	
10160-CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	2.33	71.55	14.77	0.00	20.0	± 9.6 %
		Y	2.50	67.35	15.27		20.0	
10161-CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	1.38	64.06	10.43	0.00	18.0	± 9.6 %
		Y	2.77	66.66	15.16		18.0	
10162-CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	1.37	63.83	10.21	0.00	17.0	± 9.6 %
		Y	2.88	66.81	15.28		17.0	
10166-CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	2.62	65.21	16.93	3.01	20.0	± 9.6 %
		Y	4.07	70.28	18.78		20.0	
10167-CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	2.88	66.88	16.97	3.01	17.0	± 9.6 %
		Y	5.30	72.72	18.94		17.0	
10168-CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	3.12	68.93	18.46	3.01	16.0	± 9.6 %
		Y	6.06	75.56	20.54		16.0	
10169-CAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	3.00	66.69	17.30	3.01	19.0	± 9.6 %
		Y	3.97	70.78	18.74		19.0	
10170-CAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	X	3.79	70.68	18.99	3.01	16.0	± 9.6 %
		Y	5.80	75.89	20.60		16.0	
10171-AAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	X	3.26	67.56	16.64	3.01	16.0	± 9.6 %
		Y	4.62	71.18	17.72		16.0	
10172-CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	2.30	60.00	13.57	6.02	9.0	± 9.6 %
		Y	2.03	60.00	14.58		9.0	
10173-CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	X	4.55	71.46	18.07	6.02	8.0	± 9.6 %
		Y	8.01	77.94	20.57		8.0	
10174-CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	X	2.74	60.00	11.91	6.02	7.0	± 9.6 %
		Y	2.16	60.00	13.34		7.0	
10175-CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	2.97	66.45	17.09	3.01	19.0	± 9.6 %
		Y	3.89	70.30	18.41		19.0	
10176-CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	X	3.79	70.70	18.99	3.01	16.0	± 9.6 %
		Y	5.81	75.92	20.62		16.0	

10177-CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	2.98	66.47	17.11	3.01	19.0	± 9.6 %
		Y	3.94	70.55	18.56		19.0	
10178-CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	X	3.79	70.68	18.99	3.01	16.0	± 9.6 %
		Y	5.71	75.56	20.43		16.0	
10179-CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	3.47	68.94	17.67	3.01	16.0	± 9.6 %
		Y	5.07	73.09	18.89		16.0	
10180-CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	X	3.26	67.57	16.64	3.01	16.0	± 9.6 %
		Y	4.60	71.08	17.65		16.0	
10181-CAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	2.98	66.47	17.11	3.01	19.0	± 9.6 %
		Y	3.93	70.52	18.54		19.0	
10182-CAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	3.78	70.66	18.97	3.01	16.0	± 9.6 %
		Y	5.70	75.54	20.42		16.0	
10183-AAC	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	3.26	67.56	16.63	3.01	16.0	± 9.6 %
		Y	4.59	71.06	17.65		16.0	
10184-CAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	2.98	66.48	17.12	3.01	19.0	± 9.6 %
		Y	3.95	70.58	18.57		19.0	
10185-CAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	X	3.79	70.71	19.00	3.01	16.0	± 9.6 %
		Y	5.73	75.61	20.46		16.0	
10186-AAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	X	3.26	67.58	16.65	3.01	16.0	± 9.6 %
		Y	4.61	71.11	17.67		16.0	
10187-CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	3.00	66.65	17.25	3.01	19.0	± 9.6 %
		Y	3.95	70.60	18.61		19.0	
10188-CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	3.85	71.09	19.26	3.01	16.0	± 9.6 %
		Y	5.99	76.52	20.94		16.0	
10189-AAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	X	3.29	67.80	16.82	3.01	16.0	± 9.6 %
		Y	4.71	71.54	17.94		16.0	
10193-CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	X	3.17	67.58	14.72	0.00	13.0	± 9.6 %
		Y	4.41	66.36	15.73		13.0	
10194-CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	X	3.30	67.92	15.01	0.00	13.0	± 9.6 %
		Y	4.58	66.67	15.85		13.0	
10195-CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	X	3.30	67.85	14.98	0.00	13.0	± 9.6 %
		Y	4.62	66.71	15.87		13.0	
10196-CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	X	3.18	67.69	14.76	0.00	13.0	± 9.6 %
		Y	4.41	66.42	15.75		13.0	
10197-CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	X	3.30	67.89	15.01	0.00	13.0	± 9.6 %
		Y	4.59	66.70	15.86		13.0	
10198-CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	X	3.28	67.74	14.93	0.00	13.0	± 9.6 %
		Y	4.62	66.72	15.88		13.0	
10219-CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	X	3.13	67.67	14.78	0.00	13.0	± 9.6 %
		Y	4.36	66.43	15.70		13.0	
10220-CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	X	3.30	67.89	15.01	0.00	13.0	± 9.6 %
		Y	4.59	66.67	15.85		13.0	

10221-CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	X	3.30	67.77	14.94	0.00	13.0	± 9.6 %
		Y	4.63	66.66	15.87		13.0	
10222-CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	X	4.05	67.67	16.26	0.00	13.0	± 9.6 %
		Y	4.95	66.85	15.98		13.0	
10223-CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	X	4.17	68.15	16.29	0.00	12.0	± 9.6 %
		Y	5.25	67.02	16.09		12.0	
10224-CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	X	4.04	67.90	16.26	0.00	13.0	± 9.6 %
		Y	4.99	66.96	15.97		13.0	
10225-CAB	UMTS-FDD (HSPA+)	X	0.76	60.00	5.06	0.00	20.0	± 9.6 %
		Y	2.67	65.55	14.69		20.0	
10226-CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	4.61	71.75	18.25	6.02	8.0	± 9.6 %
		Y	8.21	78.41	20.82		8.0	
10227-CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	X	4.42	71.03	17.62	6.02	7.0	± 9.6 %
		Y	7.99	77.46	20.12		7.0	
10228-CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	3.93	70.78	18.98	6.02	9.0	± 9.6 %
		Y	7.34	79.84	22.48		9.0	
10229-CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	X	4.56	71.49	18.09	6.02	8.0	± 9.6 %
		Y	8.04	77.99	20.60		8.0	
10230-CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	X	4.37	70.78	17.46	6.02	7.0	± 9.6 %
		Y	7.82	77.07	19.91		7.0	
10231-CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	3.89	70.53	18.80	6.02	9.0	± 9.6 %
		Y	7.14	79.29	22.20		9.0	
10232-CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	X	4.56	71.49	18.09	6.02	8.0	± 9.6 %
		Y	8.03	77.98	20.59		8.0	
10233-CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	X	4.37	70.78	17.46	6.02	7.0	± 9.6 %
		Y	7.81	77.06	19.91		7.0	
10234-CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	3.84	70.26	18.61	6.02	9.0	± 9.6 %
		Y	6.96	78.76	21.91		9.0	
10235-CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	X	4.56	71.48	18.09	6.02	8.0	± 9.6 %
		Y	8.03	77.98	20.59		8.0	
10236-CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	4.38	70.80	17.47	6.02	7.0	± 9.6 %
		Y	7.83	77.09	19.92		7.0	
10237-CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	3.88	70.50	18.79	6.02	9.0	± 9.6 %
		Y	7.14	79.30	22.20		9.0	
10238-CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	4.56	71.48	18.09	6.02	8.0	± 9.6 %
		Y	8.02	77.97	20.58		8.0	
10239-CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	4.37	70.77	17.46	6.02	7.0	± 9.6 %
		Y	7.80	77.04	19.90		7.0	
10240-CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	3.88	70.50	18.79	6.02	9.0	± 9.6 %
		Y	7.13	79.28	22.19		9.0	
10241-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	4.82	71.11	20.09	6.98	8.0	± 9.6 %
		Y	9.06	77.77	22.67		8.0	

10242-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	2.74	60.00	14.49	6.98	8.0	± 9.6 %
		Y	2.98	60.00	15.30		8.0	
10243-CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	2.83	60.00	14.99	6.98	8.0	± 9.6 %
		Y	3.03	60.00	15.63		8.0	
10244-CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	1.12	58.64	4.50	3.98	8.0	± 9.6 %
		Y	5.56	71.09	16.26		8.0	
10245-CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	1.13	57.55	3.35	3.98	8.0	± 9.6 %
		Y	5.55	70.85	16.12		8.0	
10246-CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	1.21	60.60	6.72	3.98	9.0	± 9.6 %
		Y	4.15	70.47	16.15		9.0	
10247-CAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	1.36	60.00	5.84	3.98	8.0	± 9.6 %
		Y	4.66	69.67	16.30		8.0	
10248-CAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	1.37	60.00	5.72	3.98	8.0	± 9.6 %
		Y	4.72	69.46	16.19		8.0	
10249-CAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	1.71	62.53	8.64	3.98	9.0	± 9.6 %
		Y	4.72	72.16	17.57		9.0	
10250-CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	2.61	64.13	10.61	3.98	8.0	± 9.6 %
		Y	5.46	71.70	18.54		8.0	
10251-CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	2.40	62.74	9.36	3.98	8.0	± 9.6 %
		Y	5.36	70.37	17.62		8.0	
10252-CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	2.76	66.36	12.70	3.98	9.0	± 9.6 %
		Y	5.30	72.97	18.63		9.0	
10253-CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	3.18	65.09	11.89	3.98	8.0	± 9.6 %
		Y	5.57	70.09	17.80		8.0	
10254-CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	3.36	65.76	12.41	3.98	8.0	± 9.6 %
		Y	5.88	70.91	18.48		8.0	
10255-CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	3.41	68.01	14.42	3.98	9.0	± 9.6 %
		Y	5.55	72.03	18.44		9.0	
10256-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	1.61	56.47	1.88	3.98	8.0	± 9.6 %
		Y	4.80	68.92	14.51		8.0	
10257-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	1.50	56.49	1.90	3.98	8.0	± 9.6 %
		Y	4.79	68.62	14.29		8.0	
10258-CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	0.99	60.00	5.87	3.98	9.0	± 9.6 %
		Y	3.62	68.41	14.58		9.0	
10259-CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	1.61	60.45	6.69	3.98	8.0	± 9.6 %
		Y	4.96	70.37	17.08		8.0	
10260-CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	1.61	60.29	6.52	3.98	8.0	± 9.6 %
		Y	5.03	70.32	17.07		8.0	
10261-CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	1.97	63.22	9.48	3.98	9.0	± 9.6 %
		Y	4.85	72.12	17.85		9.0	
10262-CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	2.60	64.08	10.56	3.98	8.0	± 9.6 %
		Y	5.45	71.65	18.50		8.0	

10263-CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	2.40	62.73	9.35	3.98	8.0	± 9.6 %
		Y	5.36	70.36	17.62		8.0	
10264-CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	X	2.74	66.27	12.62	3.98	9.0	± 9.6 %
		Y	5.27	72.86	18.56		9.0	
10265-CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	3.61	66.75	13.68	3.98	8.0	± 9.6 %
		Y	5.62	70.39	17.94		8.0	
10266-CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	3.86	67.68	14.39	3.98	8.0	± 9.6 %
		Y	5.97	71.29	18.69		8.0	
10267-CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	3.76	69.54	15.90	3.98	9.0	± 9.6 %
		Y	5.67	72.33	18.39		9.0	
10268-CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	4.63	69.16	16.24	3.98	8.0	± 9.6 %
		Y	6.32	70.88	18.56		8.0	
10269-CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	4.64	68.99	16.07	3.98	8.0	± 9.6 %
		Y	6.35	70.66	18.52		8.0	
10270-CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	4.51	70.84	17.34	3.98	9.0	± 9.6 %
		Y	6.03	71.58	18.24		9.0	
10274-CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	0.66	60.00	5.45	0.00	24.0	± 9.6 %
		Y	2.43	65.70	14.47		24.0	
10275-CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	X	0.98	68.26	12.33	0.00	28.0	± 9.6 %
		Y	1.39	65.95	14.02		28.0	
10277-CAA	PHS (QPSK)	X	4.36	68.01	13.57	9.03	5.0	± 9.6 %
		Y	5.05	67.07	12.97		5.0	
10278-CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	X	4.85	68.89	13.90	9.03	5.0	± 9.6 %
		Y	6.14	70.91	16.43		5.0	
10279-CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	X	4.79	68.60	13.70	9.03	4.0	± 9.6 %
		Y	6.21	71.01	16.49		4.0	
10290-AAB	CDMA2000, RC1, SO55, Full Rate	X	3.07	217.46	29.85	0.00	28.0	± 9.6 %
		Y	1.14	65.82	12.05		28.0	
10291-AAB	CDMA2000, RC3, SO55, Full Rate	X	0.11	60.00	3.93	0.00	30.0	± 9.6 %
		Y	0.65	63.24	10.41		30.0	
10292-AAB	CDMA2000, RC3, SO32, Full Rate	X	0.36	68.86	9.63	0.00	31.0	± 9.6 %
		Y	0.74	65.69	12.06		31.0	
10293-AAB	CDMA2000, RC3, SO3, Full Rate	X	100.00	131.26	27.98	0.00	30.0	± 9.6 %
		Y	1.01	69.61	14.40		30.0	
10295-AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	X	100.00	108.96	27.16	9.03	4.0	± 9.6 %
		Y	7.26	73.90	19.06		4.0	
10297-AAC	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	1.80	69.61	15.83	0.00	20.0	± 9.6 %
		Y	2.49	68.26	15.49		20.0	
10298-AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	2.65	295.50	2.03	0.00	20.0	± 9.6 %
		Y	1.33	65.67	12.65		20.0	
10299-AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	92.35	60.76	1.32	0.00	17.0	± 9.6 %
		Y	2.84	68.67	13.61		17.0	

10300-AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	X	2.26	262.77	4.20	0.00	16.0	± 9.6 %
		Y	2.24	65.03	11.23		16.0	
10301-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	X	32.21	60.00	7.16	4.17	5.0	± 9.6 %
		Y	3.67	60.00	14.21		5.0	
10302-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	X	7.32	73.46	16.41	4.96	5.0	± 9.6 %
		Y	6.07	68.98	19.17		5.0	
10303-AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	X	7.70	73.13	15.41	4.96	5.0	± 9.6 %
		Y	5.96	69.19	19.27		5.0	
10304-AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	X	6.01	70.61	14.11	4.17	6.0	± 9.6 %
		Y	5.54	68.35	18.45		6.0	
10305-AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	X	1.07	55.66	4.46	6.02	3.0	± 9.6 %
		Y	8.70	79.16	23.64		3.0	
10306-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	X	1.90	60.00	8.89	6.02	3.0	± 9.6 %
		Y	6.97	73.46	21.65		3.0	
10307-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	X	1.85	60.00	8.80	6.02	3.0	± 9.6 %
		Y	7.24	74.55	21.94		3.0	
10308-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	X	1.83	60.00	8.91	6.02	3.0	± 9.6 %
		Y	7.39	75.20	22.22		3.0	
10309-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	X	1.91	60.00	9.08	6.02	3.0	± 9.6 %
		Y	7.04	73.64	21.76		3.0	
10310-AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	1.88	60.00	9.03	6.02	3.0	± 9.6 %
		Y	7.08	73.94	21.77		3.0	
10311-AAC	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	2.06	68.24	15.95	0.00	19.0	± 9.6 %
		Y	2.83	67.70	15.25		19.0	
10313-AAA	IDEN 1:3	X	7.18	85.10	24.11	6.99	6.0	± 9.6 %
		Y	3.22	67.61	14.25		6.0	
10314-AAA	IDEN 1:6	X	22.37	105.80	32.87	10.00	3.0	± 9.6 %
		Y	4.43	70.34	17.54		3.0	
10315-AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	X	1.19	65.52	14.53	0.17	43.0	± 9.6 %
		Y	0.99	62.57	13.82		43.0	
10316-AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	X	3.19	67.00	14.25	0.17	12.0	± 9.6 %
		Y	4.48	66.37	15.79		12.0	
10317-AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	X	3.19	67.00	14.25	0.17	12.0	± 9.6 %
		Y	4.48	66.37	15.79		12.0	
10400-AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	X	3.15	67.26	14.52	0.00	12.0	± 9.6 %
		Y	4.57	66.68	15.81		12.0	
10401-AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	X	4.08	67.40	15.91	0.00	12.0	± 9.6 %
		Y	5.24	66.82	15.95		12.0	
10402-AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	X	4.52	67.26	16.12	0.00	12.0	± 9.6 %
		Y	5.51	67.27	16.05		12.0	
10403-AAB	CDMA2000 (1xEV-DO, Rev. 0)	X	3.07	217.46	29.85	0.00	29.0	± 9.6 %
		Y	1.14	65.82	12.05		29.0	

10404-AAB	CDMA2000 (1xEV-DO, Rev. A)	X	3.07	217.46	29.85	0.00	29.0	± 9.6 %
		Y	1.14	65.82	12.05		29.0	
10406-AAB	CDMA2000, RC3, S032, SCH0, Full Rate	X	4.45	79.59	17.38	0.00	22.0	± 9.6 %
		Y	7.36	80.82	19.40		22.0	
10410-AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	X	2.13	67.48	14.15	3.23	12.0	± 9.6 %
		Y	4.63	75.14	16.95		12.0	
10415-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	X	1.13	65.35	14.50	0.00	45.0	± 9.6 %
		Y	0.91	61.95	13.43		45.0	
10416-AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	X	3.20	67.63	14.71	0.00	13.0	± 9.6 %
		Y	4.41	66.40	15.79		13.0	
10417-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	X	3.20	67.63	14.71	0.00	13.0	± 9.6 %
		Y	4.41	66.40	15.79		13.0	
10418-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preamble)	X	3.14	67.65	14.75	0.00	13.0	± 9.6 %
		Y	4.40	66.54	15.80		13.0	
10419-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble)	X	3.16	67.63	14.71	0.00	13.0	± 9.6 %
		Y	4.42	66.50	15.81		13.0	
10422-AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	X	3.29	67.72	14.91	0.00	13.0	± 9.6 %
		Y	4.54	66.51	15.83		13.0	
10423-AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	X	3.27	67.68	14.83	0.00	12.0	± 9.6 %
		Y	4.70	66.82	15.94		12.0	
10424-AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	X	3.27	67.72	14.87	0.00	12.0	± 9.6 %
		Y	4.62	66.77	15.91		12.0	
10425-AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	X	4.16	68.02	16.28	0.00	12.0	± 9.6 %
		Y	5.20	67.04	16.07		12.0	
10426-AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	X	4.14	68.00	16.27	0.00	12.0	± 9.6 %
		Y	5.21	67.06	16.08		12.0	
10427-AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	X	4.17	68.05	16.30	0.00	12.0	± 9.6 %
		Y	5.23	67.06	16.08		12.0	
10430-AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	X	0.82	60.00	5.33	0.00	12.0	± 9.6 %
		Y	4.38	71.80	18.50		12.0	
10431-AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	X	1.85	63.19	9.98	0.00	12.0	± 9.6 %
		Y	4.08	66.83	15.73		12.0	
10432-AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	X	2.78	66.66	13.52	0.00	12.0	± 9.6 %
		Y	4.39	66.77	15.83		12.0	
10433-AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	X	3.29	67.77	14.94	0.00	12.0	± 9.6 %
		Y	4.64	66.80	15.94		12.0	
10434-AAA	W-CDMA (BS Test Model 1, 64 DPCH)	X	0.68	60.00	4.04	0.00	11.0	± 9.6 %
		Y	4.53	72.80	18.50		11.0	
10435-AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.12	67.40	14.08	3.23	12.0	± 9.6 %
		Y	4.57	74.90	16.84		12.0	

10447-AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	0.76	60.00	4.61	0.00	14.0	± 9.6 %
		Y	3.35	66.65	14.94		14.0	
10448-AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	X	1.84	63.31	10.10	0.00	15.0	± 9.6 %
		Y	3.92	66.61	15.58		15.0	
10449-AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	X	2.78	66.86	13.68	0.00	15.0	± 9.6 %
		Y	4.20	66.60	15.73		15.0	
10450-AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	3.24	67.74	14.95	0.00	15.0	± 9.6 %
		Y	4.40	66.56	15.78		15.0	
10451-AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	X	404.25	60.83	1.31	0.00	14.0	± 9.6 %
		Y	3.23	66.74	14.52		14.0	
10456-AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	X	5.23	67.32	16.32	0.00	12.0	± 9.6 %
		Y	6.06	67.64	16.26		12.0	
10457-AAA	UMTS-FDD (DC-HSDPA)	X	2.69	65.88	13.38	0.00	18.0	± 9.6 %
		Y	3.68	65.06	15.49		18.0	
10458-AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	X	193.89	61.40	1.30	0.00	17.0	± 9.6 %
		Y	4.01	71.32	17.52		17.0	
10459-AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	X	0.00	60.00	0.00	0.00	13.0	± 9.6 %
		Y	100.00	113.18	31.35		13.0	
10460-AAA	UMTS-FDD (WCDMA, AMR)	X	1.32	78.07	18.99	0.00	37.0	± 9.6 %
		Y	0.70	64.96	13.63		37.0	
10461-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.43	62.76	12.38	3.29	12.0	± 9.6 %
		Y	3.37	71.86	16.13		12.0	
10462-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.35	60.62	9.49	3.23	11.0	± 9.6 %
		Y	2.53	64.96	11.77		11.0	
10463-AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.26	60.00	8.81	3.23	10.0	± 9.6 %
		Y	2.26	63.46	10.76		10.0	
10464-AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.35	62.22	11.80	3.23	12.0	± 9.6 %
		Y	2.96	70.08	15.09		12.0	
10465-AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.33	60.41	9.33	3.23	11.0	± 9.6 %
		Y	2.43	64.47	11.50		11.0	
10466-AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.26	60.00	8.76	3.23	10.0	± 9.6 %
		Y	2.19	63.09	10.54		10.0	
10467-AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.35	62.30	11.88	3.23	12.0	± 9.6 %
		Y	3.01	70.36	15.23		12.0	
10468-AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.34	60.48	9.40	3.23	11.0	± 9.6 %
		Y	2.45	64.59	11.56		11.0	
10469-AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.26	60.00	8.78	3.23	10.0	± 9.6 %
		Y	2.19	63.10	10.55		10.0	
10470-AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.35	62.29	11.88	3.23	12.0	± 9.6 %
		Y	3.00	70.34	15.22		12.0	
10471-AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.34	60.49	9.40	3.23	11.0	± 9.6 %
		Y	2.45	64.57	11.55		11.0	

10472-AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.26	60.00	8.78	3.23	10.0	± 9.6 %
		Y	2.19	63.09	10.54		10.0	
10473-AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.35	62.28	11.88	3.23	12.0	± 9.6 %
		Y	3.00	70.33	15.21		12.0	
10474-AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.34	60.49	9.40	3.23	11.0	± 9.6 %
		Y	2.44	64.56	11.54		11.0	
10475-AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.26	60.00	8.78	3.23	10.0	± 9.6 %
		Y	2.18	63.08	10.53		10.0	
10477-AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.33	60.45	9.37	3.23	11.0	± 9.6 %
		Y	2.42	64.46	11.48		11.0	
10478-AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.26	60.00	8.77	3.23	10.0	± 9.6 %
		Y	2.18	63.05	10.52		10.0	
10479-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.27	62.32	12.35	3.23	12.0	± 9.6 %
		Y	3.94	71.91	17.02		12.0	
10480-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.23	60.79	9.88	3.23	11.0	± 9.6 %
		Y	4.16	69.34	14.88		11.0	
10481-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.13	60.00	9.10	3.23	11.0	± 9.6 %
		Y	3.86	68.12	14.12		11.0	
10482-AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	0.24	54.20	1.99	2.23	13.0	± 9.6 %
		Y	2.08	64.98	13.17		13.0	
10483-AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	39.08	60.00	2.26	2.23	11.0	± 9.6 %
		Y	3.27	66.97	13.79		11.0	
10484-AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	39.85	60.00	2.24	2.23	11.0	± 9.6 %
		Y	3.23	66.61	13.63		11.0	
10485-AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	0.77	60.00	6.46	2.23	13.0	± 9.6 %
		Y	2.40	66.37	14.57		13.0	
10486-AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	44.38	60.01	2.31	2.23	11.0	± 9.6 %
		Y	2.66	65.18	13.69		11.0	
10487-AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	46.50	60.00	2.29	2.23	11.0	± 9.6 %
		Y	2.70	65.06	13.63		11.0	
10488-AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.26	61.35	9.78	2.23	13.0	± 9.6 %
		Y	2.88	67.12	15.54		13.0	
10489-AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.21	60.00	7.67	2.23	12.0	± 9.6 %
		Y	3.15	65.94	15.15		12.0	
10490-AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.23	60.00	7.52	2.23	11.0	± 9.6 %
		Y	3.26	65.96	15.19		11.0	
10491-AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.73	63.08	11.77	2.23	13.0	± 9.6 %
		Y	3.28	67.02	15.68		13.0	
10492-AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.62	60.73	9.49	2.23	11.0	± 9.6 %
		Y	3.59	65.98	15.50		11.0	

10493-AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.59	60.43	9.21	2.23	11.0	± 9.6 %
		Y	3.67	65.97	15.52		11.0	
10494-AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.01	64.69	13.46	2.23	13.0	± 9.6 %
		Y	3.39	67.74	15.86		13.0	
10495-AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.10	63.31	11.92	2.23	12.0	± 9.6 %
		Y	3.60	66.23	15.63		12.0	
10496-AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.11	63.08	11.72	2.23	11.0	± 9.6 %
		Y	3.70	66.16	15.65		11.0	
10497-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	22.69	176.03	0.31	2.23	13.0	± 9.6 %
		Y	1.67	62.67	11.25		13.0	
10498-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	0.39	151.85	5.23	2.23	11.0	± 9.6 %
		Y	1.60	60.42	9.22		11.0	
10499-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	0.03	155.15	4.85	2.23	10.0	± 9.6 %
		Y	1.58	60.13	8.94		10.0	
10500-AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	0.87	60.00	7.17	2.23	13.0	± 9.6 %
		Y	2.58	66.57	14.94		13.0	
10501-AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.12	60.00	5.01	2.23	11.0	± 9.6 %
		Y	2.87	65.54	14.28		11.0	
10502-AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.19	60.00	4.81	2.23	11.0	± 9.6 %
		Y	2.94	65.52	14.24		11.0	
10503-AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.25	61.24	9.70	2.23	13.0	± 9.6 %
		Y	2.86	66.99	15.47		13.0	
10504-AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.20	60.00	7.65	2.23	12.0	± 9.6 %
		Y	3.14	65.87	15.10		12.0	
10505-AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.22	60.00	7.50	2.23	11.0	± 9.6 %
		Y	3.24	65.88	15.13		11.0	
10506-AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.99	64.59	13.40	2.23	13.0	± 9.6 %
		Y	3.37	67.64	15.80		13.0	
10507-AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.08	63.23	11.86	2.23	12.0	± 9.6 %
		Y	3.58	66.17	15.59		12.0	
10508-AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.10	62.99	11.66	2.23	11.0	± 9.6 %
		Y	3.69	66.10	15.61		11.0	
10509-AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.51	65.49	14.64	2.23	12.0	± 9.6 %
		Y	3.86	67.58	15.86		12.0	
10510-AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.79	64.97	13.94	2.23	11.0	± 9.6 %
		Y	4.11	66.40	15.85		11.0	
10511-AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.83	64.88	13.82	2.23	11.0	± 9.6 %
		Y	4.18	66.30	15.86		11.0	

10512-AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.56	65.70	14.98	2.23	13.0	± 9.6 %
		Y	3.81	68.20	15.97		13.0	
10513-AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.89	65.21	14.47	2.23	12.0	± 9.6 %
		Y	3.97	66.47	15.85		12.0	
10514-AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.96	65.19	14.42	2.23	11.0	± 9.6 %
		Y	4.03	66.28	15.83		11.0	
10515-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	1.08	65.50	14.56	0.00	45.0	± 9.6 %
		Y	0.87	62.03	13.42		45.0	
10516-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	0.75	68.26	17.09	0.00	43.0	± 9.6 %
		Y	0.40	65.06	13.30		43.0	
10517-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	X	0.95	66.75	15.47	0.00	44.0	± 9.6 %
		Y	0.69	63.08	13.44		44.0	
10518-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	X	3.17	67.77	14.79	0.00	13.0	± 9.6 %
		Y	4.40	66.47	15.76		13.0	
10519-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	X	3.16	67.54	14.64	0.00	12.0	± 9.6 %
		Y	4.59	66.70	15.88		12.0	
10520-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	X	3.14	67.73	14.74	0.00	13.0	± 9.6 %
		Y	4.44	66.64	15.79		13.0	
10521-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	3.12	67.69	14.66	0.00	13.0	± 9.6 %
		Y	4.37	66.63	15.78		13.0	
10522-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	3.15	67.86	14.76	0.00	12.0	± 9.6 %
		Y	4.43	66.72	15.86		12.0	
10523-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	3.08	67.76	14.73	0.00	13.0	± 9.6 %
		Y	4.31	66.59	15.71		13.0	
10524-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	X	3.07	67.48	14.62	0.00	13.0	± 9.6 %
		Y	4.37	66.63	15.82		13.0	
10525-AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	X	3.18	67.17	14.68	0.00	12.0	± 9.6 %
		Y	4.36	65.69	15.43		12.0	
10526-AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	X	3.21	67.28	14.74	0.00	12.0	± 9.6 %
		Y	4.52	66.04	15.56		12.0	
10527-AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	X	3.14	67.15	14.64	0.00	13.0	± 9.6 %
		Y	4.44	65.99	15.50		13.0	
10528-AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	X	3.17	67.16	14.64	0.00	12.0	± 9.6 %
		Y	4.46	66.01	15.53		12.0	
10529-AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	X	3.17	67.16	14.64	0.00	12.0	± 9.6 %
		Y	4.46	66.01	15.53		12.0	
10531-AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	X	3.16	67.27	14.69	0.00	12.0	± 9.6 %
		Y	4.44	66.09	15.54		12.0	
10532-AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	X	3.10	67.10	14.59	0.00	13.0	± 9.6 %
		Y	4.31	65.95	15.47		13.0	

10533-AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	X	3.10	67.07	14.56	0.00	12.0	± 9.6 %
		Y	4.46	66.05	15.52		12.0	
10534-AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	X	4.01	67.34	15.95	0.00	12.0	± 9.6 %
		Y	4.99	66.17	15.63		12.0	
10535-AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	X	4.00	67.32	15.95	0.00	12.0	± 9.6 %
		Y	5.05	66.31	15.69		12.0	
10536-AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	3.92	67.25	15.91	0.00	13.0	± 9.6 %
		Y	4.92	66.27	15.65		13.0	
10537-AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	X	3.97	67.30	15.97	0.00	12.0	± 9.6 %
		Y	4.98	66.25	15.64		12.0	
10538-AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	X	4.01	67.27	15.94	0.00	12.0	± 9.6 %
		Y	5.07	66.27	15.70		12.0	
10540-AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	X	3.99	67.25	15.98	0.00	12.0	± 9.6 %
		Y	4.99	66.26	15.70		12.0	
10541-AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	X	4.02	67.37	15.98	0.00	12.0	± 9.6 %
		Y	4.98	66.17	15.65		12.0	
10542-AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	X	4.09	67.46	16.05	0.00	12.0	± 9.6 %
		Y	5.13	66.24	15.71		12.0	
10543-AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	4.16	67.54	16.12	0.00	12.0	± 9.6 %
		Y	5.21	66.28	15.75		12.0	
10544-AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	X	4.47	66.48	15.82	0.00	12.0	± 9.6 %
		Y	5.30	66.32	15.65		12.0	
10545-AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	X	4.47	66.54	15.83	0.00	12.0	± 9.6 %
		Y	5.46	66.63	15.75		12.0	
10546-AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	X	4.47	66.57	15.83	0.00	13.0	± 9.6 %
		Y	5.36	66.50	15.70		13.0	
10547-AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	4.47	66.51	15.80	0.00	12.0	± 9.6 %
		Y	5.43	66.53	15.71		12.0	
10548-AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	X	4.48	66.73	15.89	0.00	13.0	± 9.6 %
		Y	5.57	67.12	15.97		13.0	
10550-AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	X	4.40	66.45	15.76	0.00	13.0	± 9.6 %
		Y	5.38	66.51	15.72		13.0	
10551-AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	X	4.46	66.62	15.85	0.00	12.0	± 9.6 %
		Y	5.39	66.55	15.70		12.0	
10552-AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	X	4.40	66.53	15.75	0.00	12.0	± 9.6 %
		Y	5.31	66.39	15.63		12.0	
10553-AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	4.45	66.66	15.82	0.00	12.0	± 9.6 %
		Y	5.40	66.43	15.68		12.0	
10554-AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	X	4.99	66.43	15.84	0.00	12.0	± 9.6 %
		Y	5.70	66.67	15.74		12.0	
10555-AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	4.99	66.45	15.86	0.00	12.0	± 9.6 %
		Y	5.81	66.92	15.84		12.0	

10556-AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	X	4.99	66.46	15.85	0.00	12.0	± 9.6 %
		Y	5.83	66.96	15.85		12.0	
10557-AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	X	4.97	66.42	15.85	0.00	12.0	± 9.6 %
		Y	5.80	66.90	15.84		12.0	
10558-AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	X	4.99	66.51	15.90	0.00	12.0	± 9.6 %
		Y	5.84	67.03	15.92		12.0	
10560-AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	X	5.00	66.44	15.88	0.00	12.0	± 9.6 %
		Y	5.85	66.94	15.91		12.0	
10561-AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	4.95	66.39	15.86	0.00	12.0	± 9.6 %
		Y	5.77	66.87	15.92		12.0	
10562-AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	X	4.98	66.48	15.91	0.00	12.0	± 9.6 %
		Y	5.87	67.17	16.06		12.0	
10563-AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	X	5.14	66.87	16.09	0.00	12.0	± 9.6 %
		Y	6.06	67.34	16.10		12.0	
10564-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	X	3.45	67.63	15.11	0.46	13.0	± 9.6 %
		Y	4.73	66.52	15.89		13.0	
10565-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	X	3.58	68.16	15.51	0.46	12.0	± 9.6 %
		Y	4.96	67.02	16.26		12.0	
10566-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	X	3.47	67.89	15.29	0.46	13.0	± 9.6 %
		Y	4.79	66.81	16.03		13.0	
10567-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	X	3.74	69.33	16.24	0.46	13.0	± 9.6 %
		Y	4.84	67.31	16.46		13.0	
10568-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	X	3.30	66.99	14.54	0.46	12.0	± 9.6 %
		Y	4.70	66.52	15.74		12.0	
10569-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	X	3.76	69.73	16.55	0.46	13.0	± 9.6 %
		Y	4.80	67.43	16.54		13.0	
10570-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	X	3.63	68.85	16.03	0.46	13.0	± 9.6 %
		Y	4.82	67.22	16.44		13.0	
10571-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	X	1.24	64.94	14.03	0.46	41.0	± 9.6 %
		Y	1.08	62.93	13.93		41.0	
10572-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.25	65.50	14.45	0.46	41.0	± 9.6 %
		Y	1.08	63.33	14.20		41.0	
10573-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	X	1.02	69.61	17.30	0.46	39.0	± 9.6 %
		Y	0.76	68.72	15.20		39.0	
10574-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	X	1.37	70.00	17.43	0.46	40.0	± 9.6 %
		Y	1.06	66.74	15.96		40.0	
10575-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	X	3.23	66.87	14.30	0.46	12.0	± 9.6 %
		Y	4.53	66.30	15.89		12.0	
10576-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	X	3.29	67.37	14.67	0.46	12.0	± 9.6 %
		Y	4.56	66.48	15.97		12.0	
10577-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	X	3.31	67.32	14.66	0.46	12.0	± 9.6 %
		Y	4.76	66.78	16.15		12.0	

10578-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	X	3.40	68.14	15.20	0.46	12.0	± 9.6 %
		Y	4.66	66.96	16.27		12.0	
10579-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	X	2.99	65.91	13.48	0.46	12.0	± 9.6 %
		Y	4.41	66.10	15.46		12.0	
10580-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	X	2.98	65.84	13.41	0.46	11.0	± 9.6 %
		Y	4.46	66.12	15.47		11.0	
10581-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	X	3.32	68.01	15.08	0.46	12.0	± 9.6 %
		Y	4.56	66.96	16.18		12.0	
10582-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	X	2.83	65.07	12.91	0.46	11.0	± 9.6 %
		Y	4.35	65.81	15.21		11.0	
10583-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	3.23	66.87	14.30	0.46	12.0	± 9.6 %
		Y	4.53	66.30	15.89		12.0	
10584-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	3.29	67.37	14.67	0.46	12.0	± 9.6 %
		Y	4.56	66.48	15.97		12.0	
10585-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	X	3.31	67.32	14.66	0.46	12.0	± 9.6 %
		Y	4.76	66.78	16.15		12.0	
10586-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	3.40	68.14	15.20	0.46	12.0	± 9.6 %
		Y	4.66	66.96	16.27		12.0	
10587-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	X	2.99	65.91	13.48	0.46	12.0	± 9.6 %
		Y	4.41	66.10	15.46		12.0	
10588-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	X	2.98	65.84	13.41	0.46	11.0	± 9.6 %
		Y	4.46	66.12	15.47		11.0	
10589-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	X	3.32	68.01	15.08	0.46	12.0	± 9.6 %
		Y	4.56	66.96	16.18		12.0	
10590-AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	X	2.83	65.07	12.91	0.46	11.0	± 9.6 %
		Y	4.35	65.81	15.21		11.0	
10591-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	3.44	67.38	14.84	0.46	12.0	± 9.6 %
		Y	4.69	66.41	16.02		12.0	
10592-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	X	3.46	67.50	14.92	0.46	11.0	± 9.6 %
		Y	4.84	66.73	16.15		11.0	
10593-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	X	3.35	67.12	14.63	0.46	12.0	± 9.6 %
		Y	4.76	66.61	16.01		12.0	
10594-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	3.46	67.55	14.95	0.46	11.0	± 9.6 %
		Y	4.81	66.81	16.19		11.0	
10595-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	3.38	67.42	14.80	0.46	11.0	± 9.6 %
		Y	4.78	66.73	16.07		11.0	
10596-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	X	3.30	67.03	14.57	0.46	11.0	± 9.6 %
		Y	4.71	66.70	16.05		11.0	
10597-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	X	3.28	67.03	14.52	0.46	11.0	± 9.6 %
		Y	4.66	66.59	15.92		11.0	
10598-AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	X	3.43	67.87	15.15	0.46	12.0	± 9.6 %
		Y	4.65	66.89	16.23		12.0	

10599-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	4.40	68.17	16.44	0.46	11.0	± 9.6 %
		Y	5.34	66.93	16.23		11.0	
10600-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	X	4.25	67.65	16.14	0.46	11.0	± 9.6 %
		Y	5.42	67.17	16.31		11.0	
10601-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	X	4.23	67.67	16.21	0.46	11.0	± 9.6 %
		Y	5.34	67.03	16.27		11.0	
10602-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	X	4.24	67.45	16.01	0.46	11.0	± 9.6 %
		Y	5.44	67.05	16.18		11.0	
10603-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	4.36	68.05	16.49	0.46	11.0	± 9.6 %
		Y	5.51	67.36	16.49		11.0	
10604-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	X	4.28	67.59	16.22	0.46	12.0	± 9.6 %
		Y	5.35	66.92	16.25		12.0	
10605-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	X	4.22	67.32	16.05	0.46	11.0	± 9.6 %
		Y	5.42	67.09	16.32		11.0	
10606-AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	X	4.10	66.88	15.64	0.46	11.0	± 9.6 %
		Y	5.20	66.53	15.90		11.0	
10607-AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	3.27	66.65	14.51	0.46	12.0	± 9.6 %
		Y	4.51	65.66	15.62		12.0	
10608-AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	3.31	66.82	14.61	0.46	11.0	± 9.6 %
		Y	4.69	66.05	15.78		11.0	
10609-AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	X	3.17	66.31	14.23	0.46	12.0	± 9.6 %
		Y	4.57	65.86	15.59		12.0	
10610-AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	X	3.28	66.78	14.55	0.46	11.0	± 9.6 %
		Y	4.63	66.05	15.77		11.0	
10611-AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	X	3.20	66.49	14.34	0.46	11.0	± 9.6 %
		Y	4.54	65.83	15.60		11.0	
10612-AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	3.11	66.14	14.07	0.46	11.0	± 9.6 %
		Y	4.54	65.94	15.61		11.0	
10613-AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	X	3.12	66.05	14.00	0.46	11.0	± 9.6 %
		Y	4.55	65.82	15.49		11.0	
10614-AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	X	3.26	66.93	14.66	0.46	12.0	± 9.6 %
		Y	4.50	66.07	15.78		12.0	
10615-AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	X	3.00	65.48	13.60	0.46	11.0	± 9.6 %
		Y	4.53	65.60	15.33		11.0	
10616-AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	X	4.11	67.02	15.90	0.46	11.0	± 9.6 %
		Y	5.15	66.16	15.84		11.0	
10617-AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	X	4.08	66.88	15.81	0.46	11.0	± 9.6 %
		Y	5.20	66.27	15.86		11.0	
10618-AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	X	4.04	67.01	15.92	0.46	12.0	± 9.6 %
		Y	5.09	66.32	15.91		12.0	
10619-AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	4.01	66.68	15.68	0.46	11.0	± 9.6 %
		Y	5.10	66.09	15.72		11.0	

10620-AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	4.07	66.72	15.69	0.46	11.0	± 9.6 %
		Y	5.20	66.15	15.80		11.0	
10621-AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	4.20	67.35	16.22	0.46	12.0	± 9.6 %
		Y	5.21	66.37	16.05		12.0	
10622-AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	X	4.17	67.29	16.19	0.46	12.0	± 9.6 %
		Y	5.21	66.48	16.09		12.0	
10623-AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	4.05	66.70	15.65	0.46	11.0	± 9.6 %
		Y	5.09	65.97	15.69		11.0	
10624-AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	X	4.19	67.08	15.94	0.46	11.0	± 9.6 %
		Y	5.28	66.19	15.88		11.0	
10625-AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	4.33	67.49	16.22	0.46	11.0	± 9.6 %
		Y	5.59	66.97	16.31		11.0	
10626-AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	4.57	66.26	15.83	0.46	11.0	± 9.6 %
		Y	5.44	66.25	15.82		11.0	
10627-AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	4.61	66.42	15.90	0.46	11.0	± 9.6 %
		Y	5.64	66.68	15.99		11.0	
10628-AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	4.53	66.10	15.62	0.46	12.0	± 9.6 %
		Y	5.45	66.26	15.71		12.0	
10629-AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	X	4.53	66.08	15.61	0.46	11.0	± 9.6 %
		Y	5.52	66.30	15.72		11.0	
10630-AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	X	4.58	66.44	15.81	0.46	12.0	± 9.6 %
		Y	5.80	67.29	16.21		12.0	
10631-AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	4.68	67.10	16.41	0.46	11.0	± 9.6 %
		Y	5.83	67.55	16.56		11.0	
10632-AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	X	4.63	66.79	16.23	0.46	12.0	± 9.6 %
		Y	5.63	66.86	16.24		12.0	
10633-AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	X	4.57	66.41	15.85	0.46	11.0	± 9.6 %
		Y	5.53	66.49	15.86		11.0	
10634-AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	4.54	66.48	15.91	0.46	11.0	± 9.6 %
		Y	5.52	66.56	15.97		11.0	
10635-AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	4.34	65.47	14.98	0.46	11.0	± 9.6 %
		Y	5.38	65.76	15.26		11.0	
10636-AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	X	5.10	66.27	15.90	0.46	11.0	± 9.6 %
		Y	5.83	66.60	15.90		11.0	
10637-AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	X	5.12	66.33	15.94	0.46	12.0	± 9.6 %
		Y	5.96	66.90	16.03		12.0	
10638-AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	X	5.10	66.26	15.87	0.46	11.0	± 9.6 %
		Y	5.97	66.89	16.00		11.0	
10639-AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	X	5.09	66.29	15.94	0.46	11.0	± 9.6 %
		Y	5.96	66.88	16.05		11.0	
10640-AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	5.08	66.21	15.80	0.46	11.0	± 9.6 %
		Y	5.95	66.83	15.95		11.0	

10641-AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	X	5.17	66.36	15.89	0.46	11.0	± 9.6 %
		Y	5.99	66.74	15.93		11.0	
10642-AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	X	5.19	66.58	16.21	0.46	11.0	± 9.6 %
		Y	6.07	67.12	16.31		11.0	
10643-AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	5.02	66.06	15.76	0.46	11.0	± 9.6 %
		Y	5.88	66.69	15.97		11.0	
10644-AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	5.07	66.22	15.87	0.46	11.0	± 9.6 %
		Y	6.02	67.11	16.20		11.0	
10645-AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	X	5.28	66.77	16.13	0.46	11.0	± 9.6 %
		Y	6.26	67.44	16.31		11.0	
10646-AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	X	5.26	73.61	22.03	9.30	5.0	± 9.6 %
		Y	9.76	83.59	25.68		5.0	
10647-AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	X	4.94	72.94	21.83	9.30	5.0	± 9.6 %
		Y	9.40	83.50	25.72		5.0	
10648-AAA	CDMA2000 (1x Advanced)	X	3.15	132.31	2.43	0.00	30.0	± 9.6 %
		Y	0.55	61.65	8.98		30.0	
10652-AAB	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	1.36	60.00	8.40	2.23	80.0	± 9.6 %
		Y	3.47	65.23	15.20		80.0	
10653-AAB	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	X	2.60	63.93	12.54	2.23	80.0	± 9.6 %
		Y	4.06	65.16	15.64		80.0	
10654-AAB	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	X	3.14	65.23	14.21	2.23	80.0	± 9.6 %
		Y	4.06	64.95	15.70		80.0	
10655-AAB	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	3.45	65.51	14.95	2.23	80.0	± 9.6 %
		Y	4.12	64.96	15.75		80.0	
10658-AAA	Pulse Waveform (200Hz, 10%)	X	7.18	76.06	19.51	10.00	6.0	± 9.6 %
		Y	7.24	74.36	18.51		6.0	
10659-AAA	Pulse Waveform (200Hz, 20%)	X	5.32	75.93	18.46	6.99	12.0	± 9.6 %
		Y	5.49	74.56	17.32		12.0	
10660-AAA	Pulse Waveform (200Hz, 40%)	X	3.15	75.30	17.62	3.98	23.0	± 9.6 %
		Y	3.85	75.81	16.38		23.0	
10661-AAA	Pulse Waveform (200Hz, 60%)	X	1.72	73.82	17.33	2.22	27.0	± 9.6 %
		Y	2.41	75.77	15.25		27.0	
10662-AAA	Pulse Waveform (200Hz, 80%)	X	0.65	68.06	16.19	0.97	44.0	± 9.6 %
		Y	1.40	75.72	13.25		44.0	

⁵ Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.