Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: cttl@chinattl.com http://www.caict.ac.cn

DASY5 Validation Report for Head TSL Date: 2024-11-06

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 1048

Communication System: UID 0, CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; σ = 1.809 S/m; ε_r = 40.08; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(7.37, 7.37, 7.37) @ 2450 MHz; Calibrated: 2024-02-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1588; Calibrated: 2024-09-13
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 107.2 V/m; Power Drift = 0.00 dB

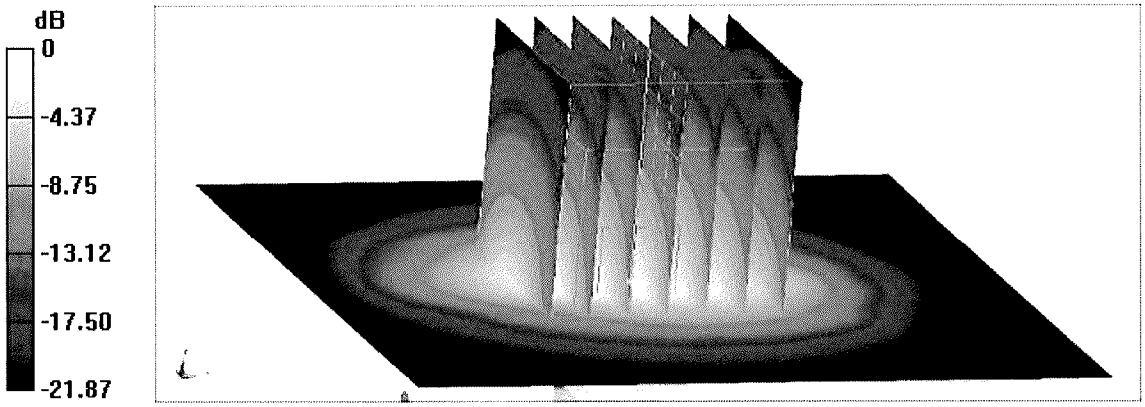
Peak SAR (extrapolated) = 27.1 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.14 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg

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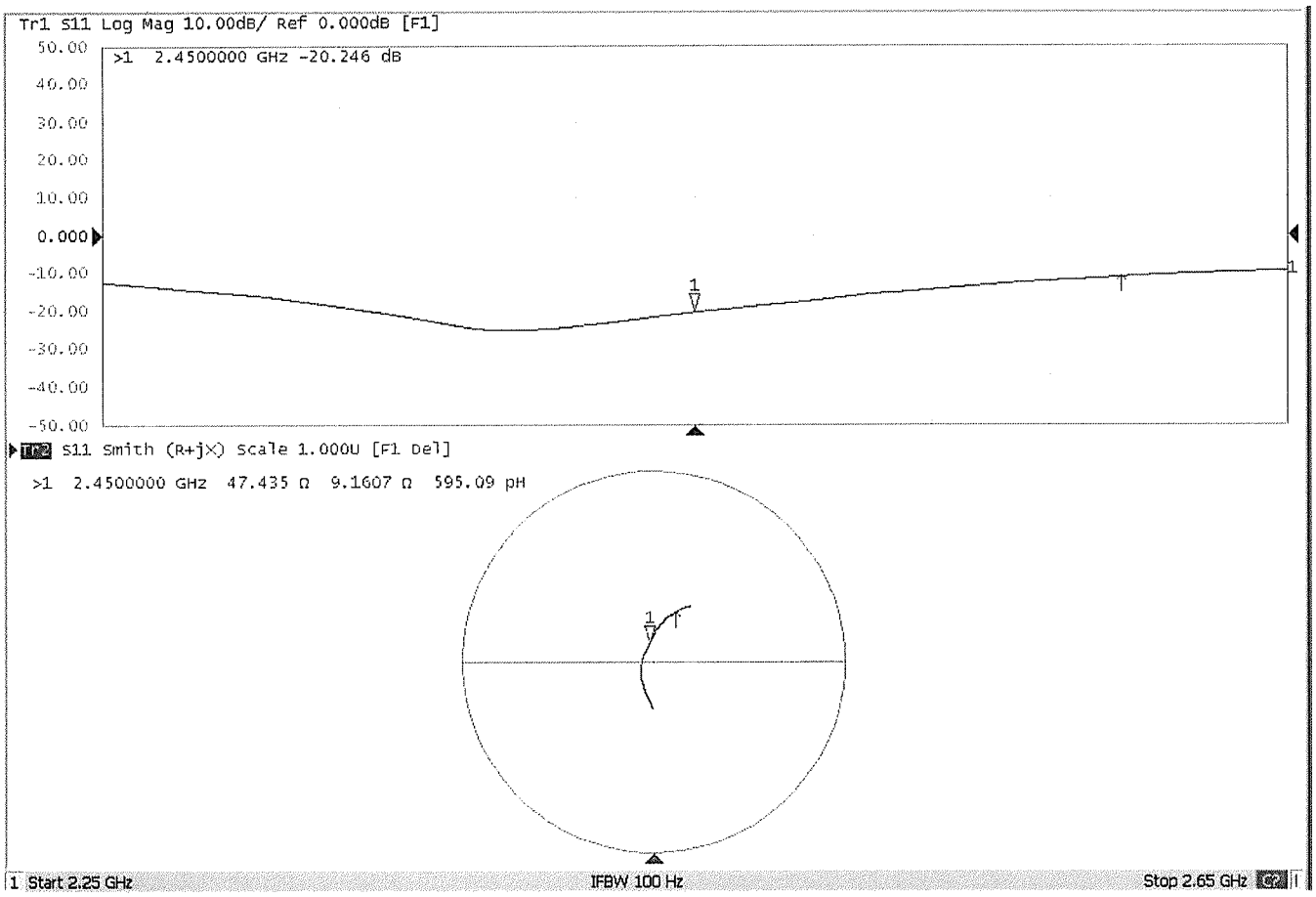
Impedance Measurement Plot for Head TSL



D2450V2 – SN: 1048 Extended Dipole Calibrations

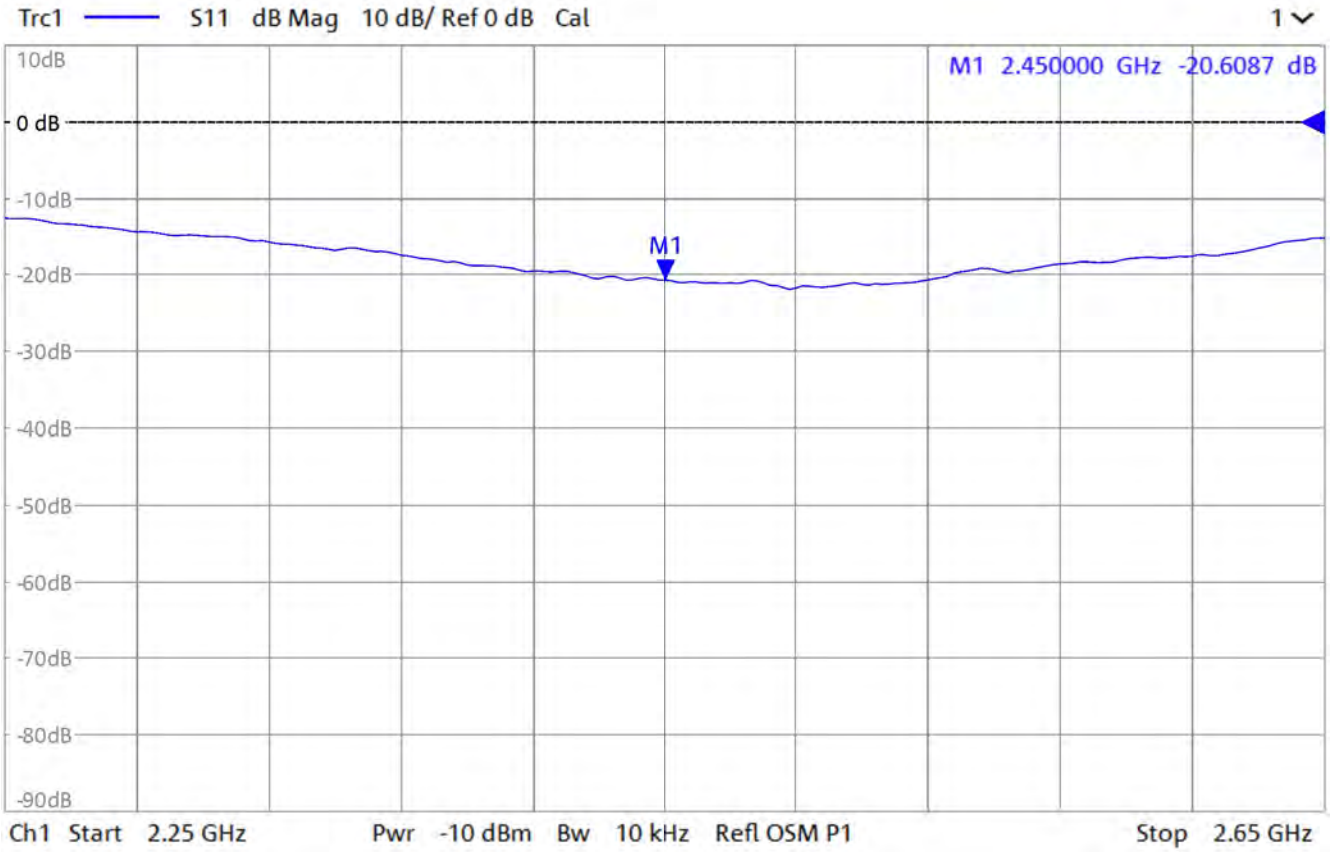
Referring to KDB 865664 D01, if dipoles are verified in return loss (<-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

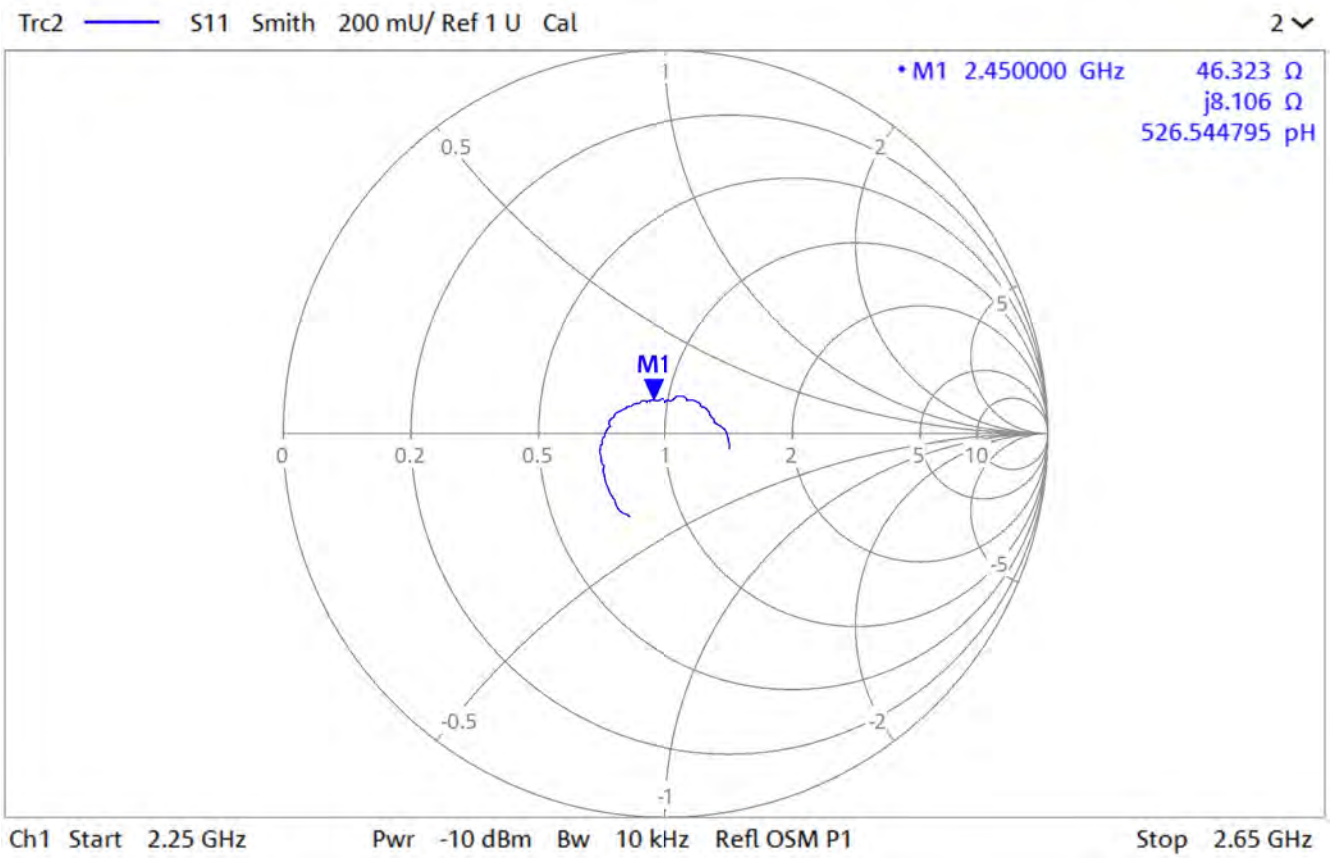
D2450V2 – SN: 1048						
2450MHz						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
2024/11/6	-20.25		47.44		9.16	
2025/11/5	-20.61	1.79	46.32	-1.11	8.11	-1.05

<Justification of the extended calibration>

The return loss is < -20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

<Dipole Verification Data>
Head 2450MHz _2025/11/5





Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
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S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client **7Layers**
Suzhou

Certificate No. **D2550V2-1022_Jul25**

CALIBRATION CERTIFICATE

Object	D2550V2 - SN: 1022
Calibration procedure(s)	QA CAL-05.v12 Calibration Procedure for SAR Validation Sources between 0.7 - 3 GHz
Calibration date	July 4, 2025

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 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Power Sensor R&S NRP-33T	SN: 100967	26-Mar-25 (No. 217-04290)	Mar-26
Power Sensor R&S NRP18A	SN: 101859	06-Feb-25 (No. 4030A315009541)	Feb-26
Spectrum Analyzer R&S FSV40	SN: 101832	29-Jan-25 (No. 4030A315009658)	Jan-26
3.5mm mismatch combination	SN: 1152	24-Mar-25 (No. 217-04293)	Mar-26
OCP DAK-12	SN: 1016	24-Sept-24 (No. OCP-DAK12-1016_Sep24)	Sep-25
OCP DAK-3.5	SN: 1249	23-Sept-24 (No. OCP-DAK3.5-1249_Sep24)	Sep-25
Reference Probe EX3DV4	SN: 7349	10-Jan-25 (No. EX3-7349_Jan25)	Jan-26
DAE4ip	SN: 1836	17-Apr-25 (No. DAE4ip-1836_Apr25)	Apr-26

Secondary Standards	ID	Check Date (in house)	Scheduled Check
ACAD Setup 1	SN: 1000	27-May-25 (No. 675-ACAD_Source_Box-250527)	May-26
Signal Generator R&S SMB100A	SN: 182081	27-May-25 (No. 675-CAL16-S4588-250527)	May-26
Mismatch; SMA	SN: 1102	24-Apr-25 (No. 675-Mismatch_SMA-250424)	Apr-26
OCP DAK-12	SN: 1029	27-Feb-25 (No. OCP-DAK12-1029_Feb25)	Feb-26
OCP DAK-3.5	SN: 1336	09-Dec-24 (No. OCP-DAK3.5-1336_Dec24)	Dec-25

	Name	Function	Signature
Calibrated by	Jeffrey Katzman	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	

Issued: July 4, 2025

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Glossary

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards

- IEC/IEEE 62209-1528,"Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation

- DASY System Handbook

Methods Applied and Interpretation of Parameters

- *Measurement Conditions*: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL*: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss*: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured*: SAR measured at the stated antenna input power.
- *SAR normalized*: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters*: The measured TSL parameters are used to calculate the nominal SAR result.

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%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY8 Module SAR	16.4.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with spacer
Zoom Scan Resolution	dx, dy = 5mm, dz = 1.5mm	Graded Ratio = 1.5 mm (Z direction)
Frequency	2550MHz ±1MHz	

HSL parameters at 2550 MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal HSL parameters	22.0 °C	39.1	1.91 mho/m
Measured HSL parameters	(22.0 ±0.2)°C	38.2 ±6%	1.93 mho/m ±6%
HSL temperature change during test	< 0.5 °C		

SAR result with HSL at 2550 MHz

SAR averaged over 1 cm^3 (1 g) of HSL	Condition	
SAR for nominal HSL parameters	24 dBm input power	13.9 W/kg
SAR for nominal HSL parameters	normalized to 1W	55.3 W/kg ±17.0% (k = 2)

SAR averaged over 10 cm^3 (10 g) of HSL	Condition	
SAR for nominal HSL parameters	24 dBm input power	6.41 W/kg
SAR for nominal HSL parameters	normalized to 1W	25.5 W/kg ±16.5% (k = 2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with HSL at 2550 MHz

Impedance	49.4 Ω – 2.6 jΩ
Return Loss	-31.5 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.157 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.
The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]
D2550V2 – SN1022	2550	HSL	24

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10		CW, 0--	2550, 0	7.29	1.93	38.2

Hardware Setup

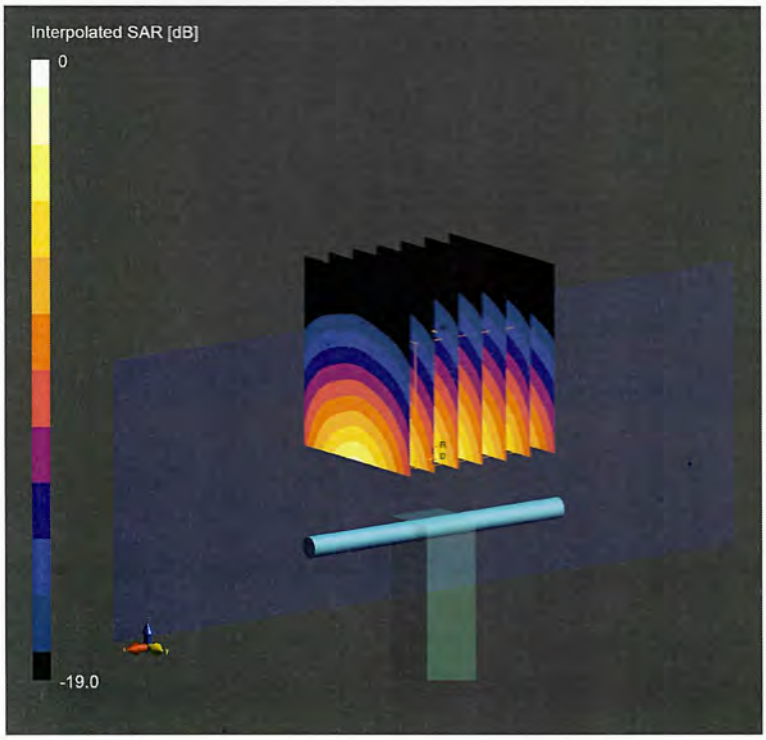
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Center	HSL, 2025-07-04	EX3DV4 – SN7349, 2025-01-10	DAE4ip Sn1836, 2025-04-17

Scans Setup

	Zoom Scan
Grid Extents [mm]	30 x 30 x 30
Grid Steps [mm]	5.0 x 5.0 x 1.5
Sensor Surface [mm]	1.4
Graded Grid	Yes
Grading Ratio	1.5
MAIA	N/A
Surface Detection	VMS + 6p
Scan Method	Measured

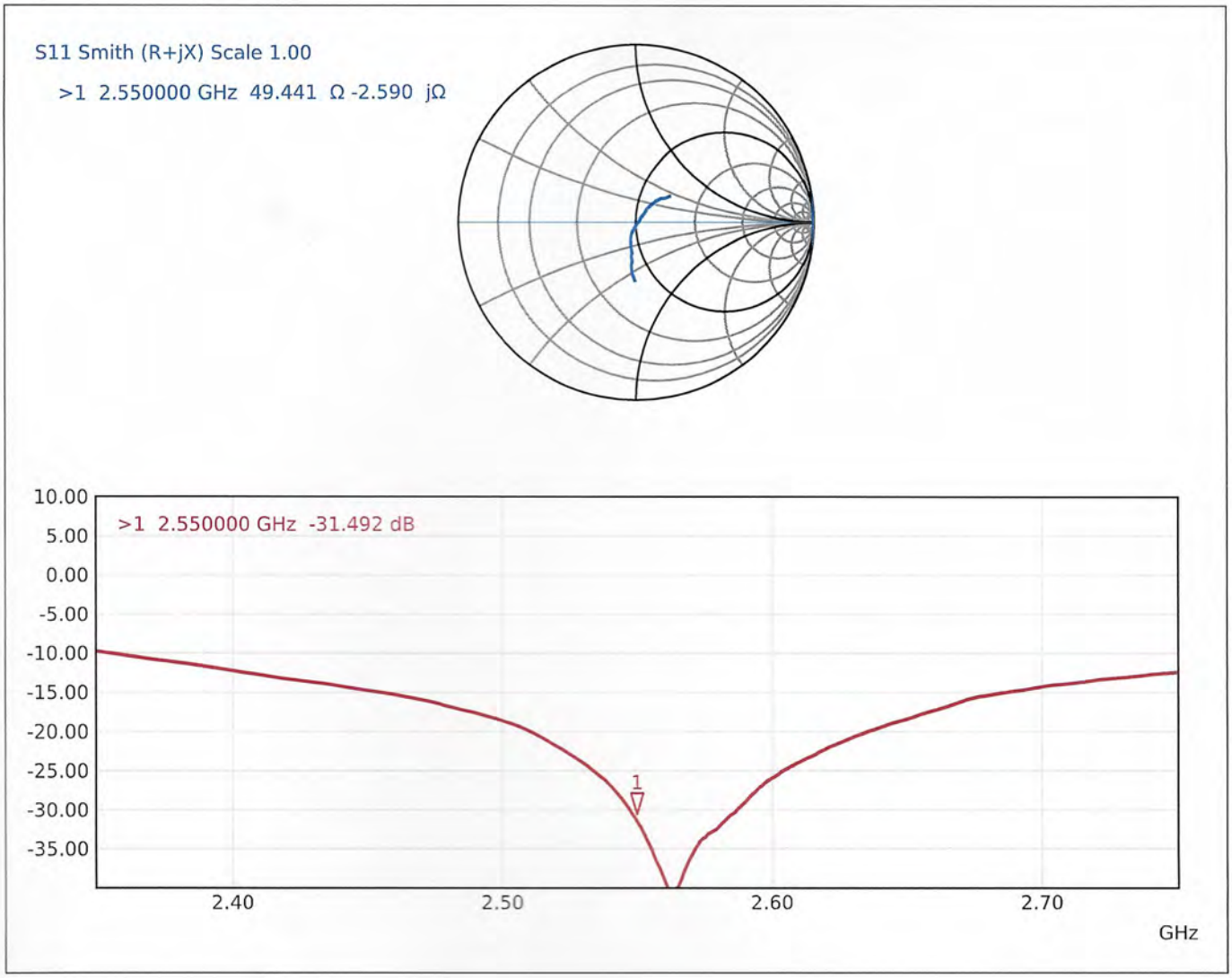
Measurement Results

	Zoom Scan
Date	2025-07-04
psSAR1g [W/Kg]	13.9
psSAR10g [W/Kg]	6.41
Power Drift [dB]	0.02
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



0 dB = 28.7 W/Kg

Impedance Measurement Plot for HSL



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CAICT

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Client **7layers** **Certificate No: 24J02Z000865**

CALIBRATION CERTIFICATE

Object	D5GHzV2 - SN: 1315
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	November 5, 2024

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±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106276	17-May-24 (CTTL, No. J24X04107)	May-25
Power sensor NRP6A	101369	17-May-24 (CTTL, No. J24X04107)	May-25
Reference Probe EX3DV4	SN 7517	21-Feb-24(CTTL-SPEAG, No. 24J02Z80008)	Feb-25
DAE4	SN 1588	13-Sep-24(CTTL-SPEAG, No. 24J02Z000713)	Sep-25
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	25-Dec-23 (CTTL, No. J23X13426)	Dec-24
NetworkAnalyzer E5071C	MY46110673	25-Dec-23 (CTTL, No. J23X13425)	Dec-24
OCP DAK-3.5(weighted)	1040	22-Jan-24(SPEAG, No.OCP-DAK3.5-1040_Jan24)	Jan-25

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Jun	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: November 15, 2024

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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020

b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

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%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5750 MHz ± 1 MHz	

Head TSL parameters at 5250MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.8 ± 6 %	4.70 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 5250MHz

SAR averaged over 1 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.73 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**77.3 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.16 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**21.6 W/kg ± 24.2 % (*k*=2)**

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Head TSL parameters at 5600MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.2 ± 6 %	5.08 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 5600MHz

SAR averaged over 1 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.18 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**81.7 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.27 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**22.7 W/kg ± 24.2 % (*k*=2)**

Head TSL parameters at 5750MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.4	5.22 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.0 ± 6 %	5.24 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 5750MHz

SAR averaged over 1 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.73 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**77.1 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.13 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**21.2 W/kg ± 24.2 % (*k*=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 5250MHz

Impedance, transformed to feed point	49.2Ω- 1.60jΩ
Return Loss	- 34.8dB

Antenna Parameters with Head TSL at 5600MHz

Impedance, transformed to feed point	53.2Ω+ 4.15jΩ
Return Loss	- 25.9dB

Antenna Parameters with Head TSL at 5750MHz

Impedance, transformed to feed point	49.3Ω+ 4.49jΩ
Return Loss	- 26.8dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.099 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

Manufactured by	SPEAG

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DASY5 Validation Report for Head TSL Date: 2024-11-05

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN: 1315

Communication System: CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750 MHz

Medium parameters used: f = 5250 MHz; σ = 4.698 S/m; ε_r = 35.84; ρ = 1000 kg/m^3

Medium parameters used: f = 5600 MHz; σ = 5.077 S/m; ε_r = 35.24; ρ = 1000 kg/m^3

Medium parameters used: f = 5750 MHz; σ = 5.241 S/m; ε_r = 35.02; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(5.43, 5.43, 5.43) @ 5250 MHz; ConvF(4.83, 4.83, 4.83) @ 5600 MHz; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 2024-02-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1588; Calibrated: 2024-09-13
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration /Pin=100mW, d=10mm, f=5250 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 61.02 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 32.1 W/kg

SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.16 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.4%

Maximum value of SAR (measured) = 18.7 W/kg

Dipole Calibration /Pin=100mW, d=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 60.79 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 38.0 W/kg

SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.27 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.8%

Maximum value of SAR (measured) = 20.4 W/kg

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Dipole Calibration /Pin=100mW, d=10mm, f=5750 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 59.50 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 37.3 W/kg
SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.13 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 59.4%
Maximum value of SAR (measured) = 19.7 W/kg

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Impedance Measurement Plot for Head TSL

D5GHzV2 – SN: 1315 Extended Dipole Calibrations

Referring to KDB 865664 D01, if dipoles are verified in return loss (<-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

D5GHzV2 – SN: 1315						
5250MHz						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
2024/11/5	-34.80		49.20		-1.60	
2025/11/4	-37.08	6.55	49.84	0.64	-0.08	1.52

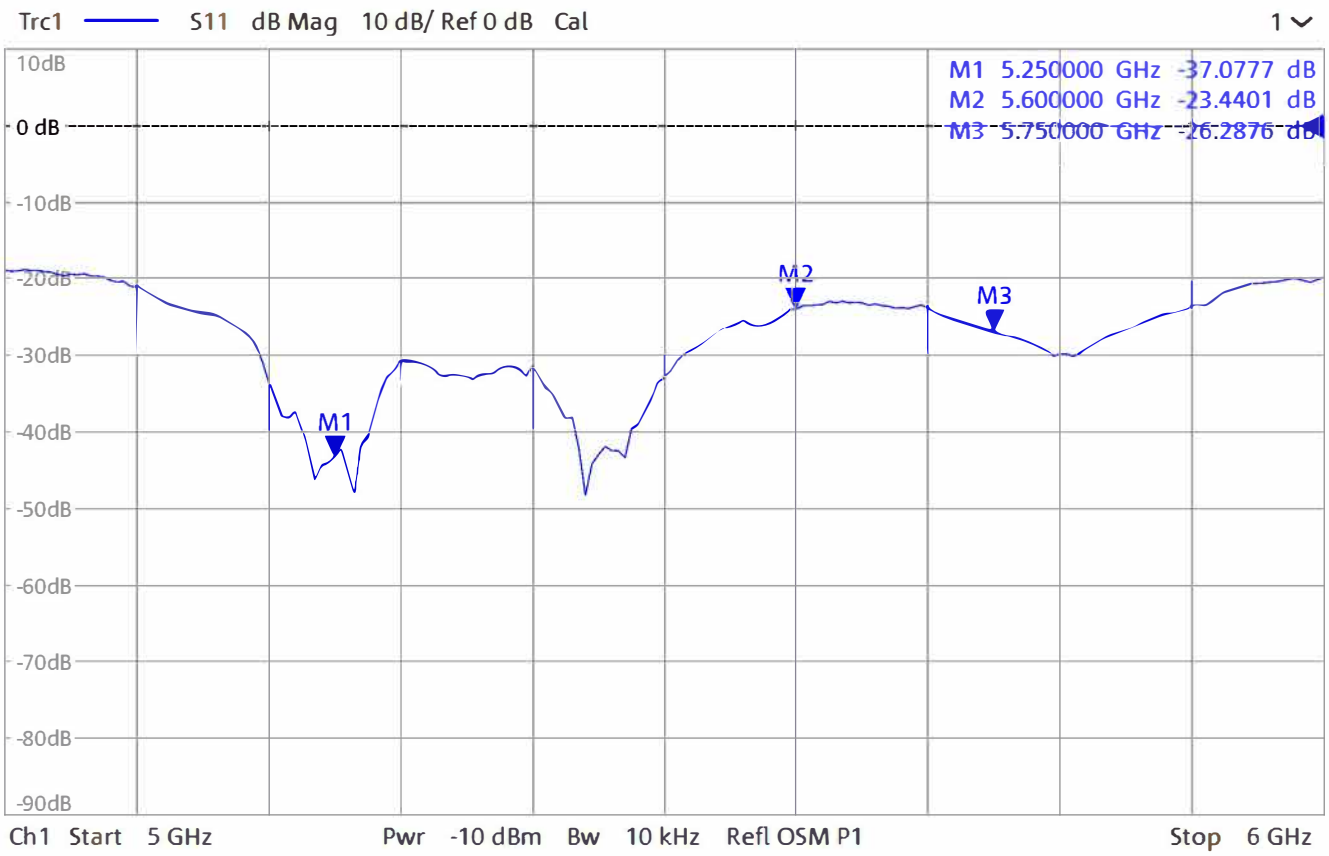
D5GHzV2 – SN: 1315						
5600MHz						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
2024/11/5	-25.90		53.20		4.15	
2025/11/4	-23.44	-9.50	49.94	-3.26	5.59	1.44

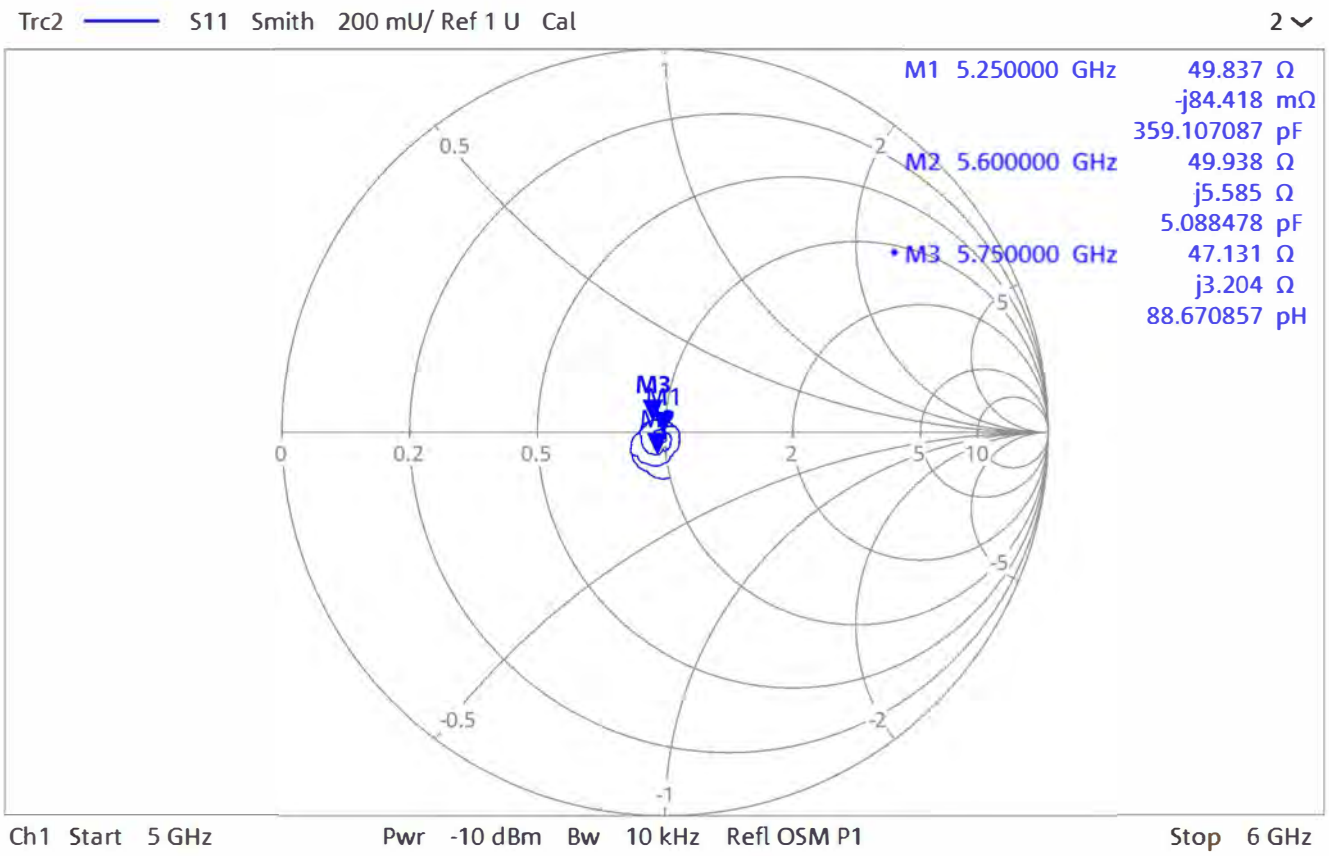
D5GHzV2 – SN: 1315						
5750MHz						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
2024/11/5	-26.80		49.30		4.49	
2025/11/4	-26.29	-1.91	47.13	-2.17	3.20	-1.29

<Justification of the extended calibration>

The return loss is < -20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

<Dipole Verification Data>
Head 5250MHz _2025/11/4
Head 5600MHz _2025/11/4
Head 5750MHz _2025/11/4





Appendix D. Conducted Power Result

Full Power_GSM&WCDMA

Band	GSM850							
	Burst Averaged Power			Max. Tune-up Power (dBm)	Frame Averaged Power			Max. Tune-up Power (dBm)
Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM	31.22	31.17	31.40	32.00	22.22	22.17	22.40	23.00
GPRS 1Tx Slot	31.27	31.17	31.49	32.00	22.27	22.17	22.49	23.00
GPRS 2Tx Slot	30.16	30.14	30.17	30.50	24.16	24.14	24.17	24.50
GPRS 3Tx Slot	27.37	27.38	27.47	28.00	23.11	23.12	23.21	23.74
GPRS 4Tx Slot	24.89	24.83	24.93	25.50	21.89	21.83	21.93	22.50
EDGE 1Tx Slot	25.94	25.98	25.95	26.50	16.94	16.98	16.95	17.50
EDGE 2Tx Slot	23.84	23.99	23.96	25.00	17.84	17.99	17.96	19.00
EDGE 3Tx Slot	21.63	21.73	21.60	23.00	17.37	17.47	17.34	18.74
EDGE 4Tx Slot	19.57	19.64	19.60	20.50	16.57	16.64	16.60	17.50

Band	GSM1900							
	Burst Averaged Power			Max. Tune-up Power (dBm)	Frame Averaged Power			Max. Tune-up Power (dBm)
Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM	28.39	28.39	28.53	29.50	19.39	19.39	19.53	20.50
GPRS 1Tx Slot	28.42	28.43	28.57	29.50	19.42	19.43	19.57	20.50
GPRS 2Tx Slot	27.12	27.07	27.13	28.00	21.12	21.07	21.13	22.00
GPRS 3Tx Slot	25.02	24.94	25.09	26.50	20.76	20.68	20.83	22.24
GPRS 4Tx Slot	22.97	22.84	22.98	24.50	19.97	19.84	19.98	21.50
EDGE 1Tx Slot	24.78	24.80	24.83	26.00	15.78	15.80	15.83	17.00
EDGE 2Tx Slot	22.37	22.31	22.46	24.00	16.37	16.31	16.46	18.00
EDGE 3Tx Slot	20.08	20.01	20.14	22.00	15.82	15.75	15.88	17.74
EDGE 4Tx Slot	19.15	19.25	19.28	21.00	16.15	16.25	16.28	18.00

Band	WCDMA II				WCDMA IV			
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		1537	1638	1738	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
RMC 12.2K	21.75	21.69	21.71	22.00	21.40	21.38	21.41	21.50
HSDPA Subtest-1	20.50	20.42	20.45	21.00	20.33	20.35	20.37	20.50
HSDPA Subtest-2	20.55	20.49	20.52	21.00	20.31	20.30	20.33	20.50
HSDPA Subtest-3	19.95	19.89	19.92	20.50	19.88	19.85	19.86	20.00
HSDPA Subtest-4	20.03	20.00	20.01	20.50	19.86	19.84	19.85	20.00
DC-HSDPA Subtest-1	20.45	20.43	20.48	21.00	20.31	20.29	20.36	20.50
DC-HSDPA Subtest-2	20.52	20.53	20.50	21.00	20.33	20.29	20.32	20.50
DC-HSDPA Subtest-3	19.91	19.86	19.95	20.50	19.89	19.87	19.82	20.00
DC-HSDPA Subtest-4	20.00	20.02	19.98	20.50	19.89	19.86	19.87	20.00
HSUPA Subtest-1	20.44	20.42	20.47	21.00	20.32	20.33	20.31	20.50
HSUPA Subtest-2	19.47	19.45	19.46	20.00	19.33	19.35	19.32	19.50
HSUPA Subtest-3	20.46	20.44	20.43	21.00	20.31	20.34	20.35	20.50
HSUPA Subtest-4	19.46	19.42	19.44	20.00	19.37	19.36	19.34	19.50
HSUPA Subtest-5	20.44	20.45	20.48	21.00	20.33	20.30	20.32	20.50

Band	WCDMA V			
TX Channel	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
RMC 12.2K	23.31	23.34	23.32	24.00
HSDPA Subtest-1	22.17	22.31	22.24	23.00
HSDPA Subtest-2	22.24	22.28	22.22	23.00
HSDPA Subtest-3	21.73	21.77	21.71	22.50
HSDPA Subtest-4	21.69	21.75	21.66	22.50
DC-HSDPA Subtest-1	22.33	22.41	22.40	23.00
DC-HSDPA Subtest-2	22.33	22.35	22.28	23.00
DC-HSDPA Subtest-3	21.69	21.81	21.69	22.50
DC-HSDPA Subtest-4	21.76	21.80	21.68	22.50
HSUPA Subtest-1	22.24	22.36	22.34	23.00
HSUPA Subtest-2	21.28	21.39	21.30	22.00
HSUPA Subtest-3	22.28	22.34	22.28	23.00
HSUPA Subtest-4	21.29	21.33	21.32	22.00
HSUPA Subtest-5	22.41	22.42	22.28	23.00

Full Power_LTE

LTE Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20	QPSK	1	0	**21.26**	**21.19**	**21.33**	0	21.5
		1	50	21.18	21.16	21.21	0	21.5
		1	99	21.09	21.11	21.18	0	21.5
		50	0	**20.28**	**20.31**	**20.38**	1	20.5
		50	25	20.17	20.09	20.35	1	20.5
		50	50	20.06	20.06	20.18	1	20.5
		100	0	20.12	20.16	**20.36**	1	20.5
	16QAM	1	0	19.13	20.12	20.24	1	20.5
		1	50	20.35	20.31	20.47	1	20.5
		1	99	20.10	20.01	19.68	1	20.5
		50	0	19.15	19.05	19.31	2	19.5
		50	25	19.24	19.13	19.25	2	19.5
		50	50	19.10	19.02	19.03	2	19.5
		100	0	19.21	19.08	19.24	2	19.5
	64QAM	1	0	18.01	19.21	19.44	2	19.5
		1	50	19.27	19.23	19.38	2	19.5
		1	99	18.93	19.01	19.24	2	19.5
		50	0	18.21	18.00	18.35	3	18.5
		50	25	18.11	18.07	18.16	3	18.5
		50	50	18.04	18.08	18.05	3	18.5
		100	0	18.15	18.00	18.29	3	18.5
BW [MHz]	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15	QPSK	1	0	21.12	21.16	21.22	0	21.5
		1	37	21.11	21.10	21.06	0	21.5
		1	74	21.08	21.02	21.14	0	21.5
		36	0	20.14	20.17	20.30	1	20.5
		36	19	20.09	20.07	20.25	1	20.5
		36	39	19.92	19.99	20.16	1	20.5
		75	0	20.05	20.07	20.29	1	20.5
	16QAM	1	0	19.02	20.02	20.19	1	20.5
		1	37	20.29	20.19	20.46	1	20.5
		1	74	20.08	19.93	19.62	1	20.5
		36	0	19.13	18.95	19.29	2	19.5
		36	19	19.12	18.98	19.21	2	19.5
		36	39	18.99	18.96	18.89	2	19.5
		75	0	19.12	18.99	19.10	2	19.5
	64QAM	1	0	17.97	19.09	19.34	2	19.5
		1	37	19.22	19.11	19.24	2	19.5
		1	74	18.88	18.95	19.20	2	19.5
		36	0	18.09	17.97	18.33	3	18.5
		36	19	18.10	18.00	18.08	3	18.5
		36	39	18.02	17.97	18.02	3	18.5
		75	0	18.14	17.89	18.18	3	18.5
BW [MHz]	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10	QPSK	1	0	21.20	21.12	21.26	0	21.5
		1	24	21.08	21.01	21.06	0	21.5
		1	49	21.03	21.07	21.09	0	21.5
		25	0	20.15	20.26	20.29	1	20.5
		25	12	20.05	20.02	20.33	1	20.5
		25	25	19.99	19.94	20.12	1	20.5
		50	0	19.98	20.01	20.24	1	20.5
	16QAM	1	0	18.99	20.03	20.21	1	20.5
		1	24	20.20	20.18	20.38	1	20.5
		1	49	20.08	19.91	19.65	1	20.5
		25	0	19.14	19.04	19.30	2	19.5
		25	12	19.09	19.05	19.18	2	19.5
		25	25	18.99	18.98	18.91	2	19.5
		50	0	19.08	18.96	19.11	2	19.5
	64QAM	1	0	17.93	19.13	19.40	2	19.5
		1	24	19.12	19.10	19.36	2	19.5
		1	49	18.78	18.93	19.23	2	19.5
		25	0	18.20	17.94	18.34	3	18.5
		25	12	18.03	17.96	18.09	3	18.5
		25	25	17.92	18.07	17.91	3	18.5
		50	0	18.12	17.89	18.18	3	18.5
BW [MHz]	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5	QPSK	1	0	21.19	21.17	21.19	0	21.5
		1	12	21.17	21.15	21.19	0	21.5
		1	24	21.03	21.01	21.10	0	21.5
		12	0	20.13	20.26	20.29	1	20.5
		12	6	20.15	19.97	20.27	1	20.5
		12	13	19.99	19.93	20.06	1	20.5
		25	0	20.03	20.13	20.23	1	20.5
	16QAM	1	0	19.07	19.99	20.16	1	20.5
		1	12	20.31	20.27	20.38	1	20.5
		1	24	20.04	19.97	19.60	1	20.5
		12	0	19.12	19.00	19.28	2	19.5
		12	6	19.15	19.06	19.16	2	19.5
		12	13	18.96	18.97	18.97	2	19.5
		25	0	19.11	19.00	19.19	2	19.5
	64QAM	1	0	17.99	19.16	19.41	2	19.5
		1	12	19.19	19.13	19.34	2	19.5
		1	24	18.82	18.96	19.11	2	19.5
		12	0	18.13	17.93	18.23	3	18.5
		12	6	17.98	18.01	18.01	3	18.5
		12	13	17.92	18.07	18.02	3	18.5
		25	0	18.03	17.99	18.27	3	18.5
BW [MHz]	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3	QPSK	1	0	21.16	21.11	21.30	0	21.5
		1	7	21.04	21.11	21.12	0	21.5
		1	14	21.05	21.10	21.12	0	21.5
		8	0	20.14	20.21	20.28	1	20.5
		8	3	20.14	20.01	20.32	1	20.5
		8	7	19.97	19.95	20.11	1	20.5
		15	0	19.99	20.03	20.36	1	20.5
	16QAM	1	0	19.02	20.06	20.14	1	20.5
		1	7	20.21	20.19	20.45	1	20.5
		1	14	20.08	19.96	19.60	1	20.5
		8	0	19.13	18.92	19.16	2	19.5
		8	3	19.19	19.07	19.10	2	19.5
		8	7	19.00	18.92	18.94	2	19.5
		15	0	19.19	19.05	19.15	2	19.5
	64QAM	1	0	17.93	19.13	19.43	2	19.5
		1	7	19.19	19.19	19.32	2	19.5
		1	14	18.88	18.87	19.16	2	19.5
		8	0	18.14	17.91	18.33	3	18.5
		8	3	18.10	17.94	18.13	3	18.5
		8	7	18.01	18.04	17.91	3	18.5
		15	0	18.13	17.88	18.15	3	18.5
BW [MHz]	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4	QPSK	1	0	21.16	21.16	21.21	0	21.5
		1	2	21.05	21.04	21.13	0	21.5
		1	5	21.04	21.06	21.09	0	21.5
		3	0	21.05	20.98	21.13	0	21.5
		3	1	20.98	20.86	21.14	0	21.5
		3	3	20.76	20.74	20.90	0	21.5
		6	0	19.97	20.14	20.35	1	20.5
	16QAM	1	0	19.00	20.04	20.23	1	20.5
		1	2	20.32	20.26	20.38	1	20.5
		1	5	20.09	19.97	19.57	1	20.5
		3	0	19.87	19.86	20.08	1	20.5
		3	1	19.97	19.84	19.99	1	20.5
		3	3	19.88	19.80	19.81	1	20.5
		6	0	19.18	18.99	19.22	2	19.5
	64QAM	1	0	17.88	19.11	19.37	2	19.5
		1	2	19.17	19.17	19.23	2	19.5
		1	5	18.89	18.88	19.17	2	19.5
		3	0	18.89	18.69	19.09	2	19.5
		3	1	18.79	18.83	18.85	2	19.5
		3	3	18.72	18.84	18.86	2	19.5
		6	0	18.08	17.97	18.17	3	18.5

LTE Band 4

BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20	QPSK	1	0	**20.60**	**20.41**	**20.52**	0	21
		1	50	20.54	20.36	20.49	0	21
		1	99	20.42	20.31	20.40	0	21
		50	0	19.56	19.45	19.54	1	20
		50	25	**19.65**	**19.52**	**19.60**	1	20
		50	50	19.58	19.50	19.53	1	20
		100	0	**19.67**	19.48	19.57	1	20
	16QAM	1	0	19.47	19.43	19.60	1	20
		1	50	19.86	19.91	19.83	1	20
		1	99	19.63	19.64	19.60	1	20
		50	0	18.49	18.52	18.48	2	19
		50	25	18.67	18.65	18.64	2	19
		50	50	18.61	18.70	18.64	2	19
		100	0	18.67	18.52	18.50	2	19
	64QAM	1	0	18.47	18.44	18.52	2	19
		1	50	18.82	18.79	18.80	2	19
		1	99	18.73	18.57	18.61	2	19
		50	0	17.49	17.58	17.51	3	18
		50	25	17.69	17.61	17.54	3	18
		50	50	17.53	17.69	17.70	3	18
		100	0	17.58	17.50	17.65	3	18
BW [MHz]	Modulation	Channel		20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15	QPSK	1	0	20.56	20.37	20.39	0	21
		1	37	20.50	20.24	20.47	0	21
		1	74	20.38	20.21	20.32	0	21
		36	0	19.55	19.33	19.39	1	20
		36	19	19.57	19.42	19.51	1	20
		36	39	19.49	19.41	19.50	1	20
		75	0	19.64	19.37	19.51	1	20
	16QAM	1	0	19.41	19.30	19.56	1	20
		1	37	19.81	19.90	19.77	1	20
		1	74	19.60	19.50	19.45	1	20
		36	0	18.36	18.37	18.33	2	19
		36	19	18.60	18.58	18.57	2	19
		36	39	18.59	18.64	18.56	2	19
		75	0	18.52	18.42	18.43	2	19
	64QAM	1	0	18.33	18.40	18.41	2	19
		1	37	18.73	18.67	18.73	2	19
		1	74	18.71	18.47	18.53	2	19
		36	0	17.35	17.57	17.47	3	18
		36	19	17.66	17.46	17.51	3	18
		36	39	17.41	17.60	17.66	3	18
		75	0	17.44	17.40	17.59	3	18
BW [MHz]	Modulation	Channel		20000	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750		
10	QPSK	1	0	20.45	20.31	20.46	0	21
		1	24	20.40	20.28	20.36	0	21
		1	49	20.40	20.29	20.35	0	21
		25	0	19.45	19.41	19.51	1	20
		25	12	19.56	19.49	19.53	1	20
		25	25	19.48	19.45	19.39	1	20
		50	0	19.63	19.38	19.47	1	20
	16QAM	1	0	19.33	19.42	19.55	1	20
		1	24	19.84	19.90	19.69	1	20
		1	49	19.52	19.55	19.56	1	20
		25	0	18.35	18.42	18.36	2	19
		25	12	18.63	18.52	18.63	2	19
		25	25	18.54	18.63	18.49	2	19
		50	0	18.61	18.41	18.44	2	19
	64QAM	1	0	18.35	18.30	18.37	2	19
		1	24	18.75	18.76	18.67	2	19
		1	49	18.61	18.56	18.55	2	19
		25	0	17.48	17.46	17.46	3	18
		25	12	17.61	17.57	17.39	3	18
		25	25	17.44	17.58	17.65	3	18
		50	0	17.48	17.35	17.61	3	18
BW [MHz]	Modulation	Channel		19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5	QPSK	1	0	20.59	20.36	20.37	0	21
		1	12	20.45	20.28	20.45	0	21
		1	24	20.35	20.28	20.32	0	21
		12	0	19.47	19.36	19.46	1	20
		12	6	19.56	19.47	19.52	1	20
		12	13	19.55	19.47	19.49	1	20
		25	0	19.52	19.46	19.51	1	20
	16QAM	1	0	19.32	19.30	19.56	1	20
		1	12	19.75	19.82	19.70	1	20
		1	24	19.51	19.58	19.49	1	20
		12	0	18.43	18.46	18.41	2	19
		12	6	18.56	18.64	18.57	2	19
		12	13	18.46	18.60	18.54	2	19
		25	0	18.62	18.46	18.43	2	19
	64QAM	1	0	18.36	18.31	18.40	2	19
		1	12	18.67	18.71	18.79	2	19
		1	24	18.62	18.45	18.59	2	19
		12	0	17.47	17.53	17.48	3	18
		12	6	17.64	17.57	17.50	3	18
		12	13	17.45	17.68	17.58	3	18
		25	0	17.54	17.44	17.61	3	18
BW [MHz]	Modulation	Channel		19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3	QPSK	1	0	20.54	20.39	20.49	0	21
		1	7	20.53	20.32	20.46	0	21
		1	14	20.33	20.25	20.36	0	21
		8	0	19.46	19.32	19.51	1	20
		8	3	19.60	19.40	19.49	1	20
		8	7	19.57	19.39	19.47	1	20
		15	0	19.52	19.42	19.47	1	20
	16QAM	1	0	19.42	19.31	19.57	1	20
		1	7	19.76	19.84	19.81	1	20
		1	14	19.54	19.60	19.58	1	20
		8	0	18.36	18.45	18.47	2	19
		8	3	18.60	18.50	18.59	2	19
		8	7	18.48	18.57	18.53	2	19
		15	0	18.60	18.48	18.44	2	19
	64QAM	1	0	18.43	18.34	18.40	2	19
		1	7	18.81	18.68	18.75	2	19
		1	14	18.64	18.48	18.46	2	19
		8	0	17.36	17.43	17.41	3	18
		8	3	17.56	17.52	17.44	3	18
		8	7	17.51	17.59	17.59	3	18
		15	0	17.57	17.48	17.56	3	18
BW [MHz]	Modulation	Channel		19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.53	20.37	20.51	0	21
		1	2	20.46	20.25	20.41	0	21
		1	5	20.27	20.18	20.32	0	21
		3	0	20.27	20.26	20.21	0	21
		3	1	20.39	20.26	20.29	0	21
		3	3	20.25	20.17	20.30	0	21
		6	0	19.52	19.46	19.49	1	20
	16QAM	1	0	19.33	19.28	19.46	1	20
		1	2	19.76	19.85	19.75	1	20
		1	5	19.48	19.61	19.57	1	20
		3	0	19.18	19.32	19.17	1	20
		3	1	19.44	19.44	19.39	1	20
		3	3	19.40	19.47	19.44	1	20
		6	0	18.58	18.48	18.47	2	19
	64QAM	1	0	18.33	18.43	18.50	2	19
		1	2	18.76	18.66	18.65	2	19
		1	5	18.59	18.52	18.53	2	19
		3	0	18.18	18.38	18.20	2	19
		3	1	18.49	18.32	18.29	2	19
		3	3	18.25	18.45	18.40	2	19
		6	0	17.47	17.44	17.54	3	18

LTE Band 5

BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10	QPSK	1	0	23.19	22.89	23.14	0	24.5
		1	24	23.14	22.74	22.78	0	24.5
		1	49	**23.37**	**23.05**	**23.33**	0	24.5
		25	0	**22.36**	**22.01**	**22.22**	1	23.5
		25	12	22.16	21.83	22.11	1	23.5
		25	25	22.14	21.87	22.07	1	23.5
		50	0	**21.98**	21.86	21.89	1	23.5
	16QAM	1	0	22.33	22.09	22.24	1	23.5
		1	24	22.19	21.96	22.06	1	23.5
		1	49	22.36	22.05	22.34	1	23.5
		25	0	20.99	20.86	20.92	2	22.5
		25	12	21.16	20.93	21.01	2	22.5
		25	25	21.11	20.81	21.06	2	22.5
		50	0	21.02	20.85	20.89	2	22.5
	64QAM	1	0	21.34	21.06	21.30	2	22.5
		1	24	21.22	20.98	21.02	2	22.5
		1	49	21.36	21.09	21.28	2	22.5
		25	0	20.03	19.88	19.98	3	21.5
		25	12	20.16	19.93	20.14	3	21.5
		25	25	20.26	19.97	20.14	3	21.5
		50	0	20.24	19.92	20.11	3	21.5
BW [MHz]	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5	QPSK	1	0	23.11	22.75	23.10	0	24.5
		1	12	23.10	22.71	22.67	0	24.5
		1	24	23.34	23.01	23.20	0	24.5
		12	0	22.26	22.00	22.15	1	23.5
		12	6	22.02	21.80	22.02	1	23.5
		12	13	22.04	21.83	21.96	1	23.5
		25	0	21.90	21.85	21.82	1	23.5
	16QAM	1	0	22.18	22.07	22.17	1	23.5
		1	12	22.12	21.95	21.97	1	23.5
		1	24	22.30	21.93	22.28	1	23.5
		12	0	20.87	20.73	20.85	2	22.5
		12	6	21.13	20.89	20.88	2	22.5
		12	13	21.07	20.72	20.94	2	22.5
		25	0	20.96	20.81	20.80	2	22.5
	64QAM	1	0	21.32	21.03	21.18	2	22.5
		1	12	21.18	20.91	20.93	2	22.5
		1	24	21.31	21.07	21.16	2	22.5
		12	0	19.91	19.74	19.91	3	21.5
		12	6	20.09	19.79	20.11	3	21.5
		12	13	20.19	19.84	20.05	3	21.5
		25	0	20.14	19.87	20.00	3	21.5
BW [MHz]	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3	QPSK	1	0	23.06	22.88	23.10	0	24.5
		1	7	22.99	22.69	22.69	0	24.5
		1	14	23.24	22.98	23.27	0	24.5
		8	0	22.26	21.95	22.12	1	23.5
		8	3	22.07	21.82	22.04	1	23.5
		8	7	22.12	21.74	21.99	1	23.5
		15	0	21.97	21.81	21.86	1	23.5
	16QAM	1	0	22.21	22.00	22.14	1	23.5
		1	7	22.06	21.81	21.95	1	23.5
		1	14	22.30	21.90	22.28	1	23.5
		8	0	20.85	20.72	20.80	2	22.5
		8	3	21.15	20.87	20.98	2	22.5
		8	7	20.98	20.66	21.04	2	22.5
		15	0	20.99	20.70	20.81	2	22.5
	64QAM	1	0	21.23	20.94	21.29	2	22.5
		1	7	21.07	20.91	20.92	2	22.5
		1	14	21.24	21.04	21.21	2	22.5
		8	0	19.95	19.73	19.85	3	21.5
		8	3	20.11	19.87	20.04	3	21.5
		8	7	20.16	19.84	20.00	3	21.5
		15	0	20.21	19.77	20.03	3	21.5
BW [MHz]	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4	QPSK	1	0	23.06	22.81	23.07	0	24.5
		1	2	23.10	22.70	22.75	0	24.5
		1	5	23.22	22.97	23.19	0	24.5
		3	0	23.03	22.81	22.91	0	24.5
		3	1	22.92	22.64	22.82	0	24.5
		3	3	22.85	22.60	22.81	0	24.5
		6	0	21.89	21.79	21.75	1	23.5
	16QAM	1	0	22.20	22.08	22.23	1	23.5
		1	2	22.13	21.95	22.02	1	23.5
		1	5	22.30	21.98	22.33	1	23.5
		3	0	21.73	21.53	21.62	1	23.5
		3	1	21.93	21.74	21.74	1	23.5
		3	3	21.90	21.58	21.75	1	23.5
		6	0	20.93	20.75	20.84	2	22.5
	64QAM	1	0	21.19	21.01	21.26	2	22.5
		1	2	21.16	20.88	20.99	2	22.5
		1	5	21.27	20.95	21.23	2	22.5
		3	0	20.74	20.59	20.66	2	22.5
		3	1	20.90	20.64	20.87	2	22.5
		3	3	21.01	20.77	20.94	2	22.5
		6	0	20.21	19.81	19.98	3	21.5

LTE Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	0	**21.55**	**21.73**	**21.71**	0	22
		1	50	21.52	21.60	21.59	0	22
		1	99	21.46	21.47	21.45	0	22
		50	0	**20.83**	**20.89**	**20.88**	1	21
		50	25	20.52	20.57	20.55	1	21
		50	50	20.67	20.75	20.74	1	21
		100	0	20.65	**20.74**	20.71	1	21
	16QAM	1	0	20.68	20.94	21.00	1	21
		1	50	20.84	20.96	20.99	1	21
		1	99	20.50	20.64	20.34	1	21
		50	0	19.66	19.74	19.84	2	20
		50	25	19.60	19.72	19.77	2	20
		50	50	19.68	19.70	19.78	2	20
		100	0	19.75	19.82	19.83	2	20
	64QAM	1	0	19.44	19.94	19.98	2	20
		1	50	19.96	19.97	19.99	2	20
		1	99	19.67	19.69	19.46	2	20
		50	0	18.69	18.75	18.84	3	19
		50	25	18.65	18.74	18.80	3	19
		50	50	18.55	18.63	18.76	3	19
		100	0	18.46	18.56	18.71	3	19
BW [MHz]	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15	QPSK	1	0	21.54	21.72	**21.77**	0	22
		1	37	21.48	21.58	21.69	0	22
		1	74	21.33	21.44	21.45	0	22
		36	0	20.81	20.78	20.87	1	21
		36	19	20.41	20.49	20.62	1	21
		36	39	20.65	20.68	20.64	1	21
		75	0	20.59	20.69	20.84	1	21
	16QAM	1	0	20.66	20.91	20.91	1	21
		1	37	20.80	20.90	20.85	1	21
		1	74	20.41	20.55	20.30	1	21
		36	0	19.62	19.65	19.83	2	20
		36	19	19.47	19.60	19.72	2	20
		36	39	19.60	19.55	19.69	2	20
		75	0	19.65	19.70	19.69	2	20
	64QAM	1	0	19.30	19.88	19.94	2	20
		1	37	19.92	19.89	19.94	2	20
		1	74	19.55	19.62	19.38	2	20
		36	0	18.63	18.70	18.79	3	19
		36	19	18.52	18.68	18.74	3	19
		36	39	18.41	18.56	18.69	3	19
		75	0	18.31	18.41	18.68	3	19
BW [MHz]	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10	QPSK	1	0	21.49	21.63	21.75	0	22
		1	24	21.38	21.57	21.64	0	22
		1	49	21.32	21.32	21.45	0	22
		25	0	20.75	20.84	20.83	1	21
		25	12	20.49	20.51	20.67	1	21
		25	25	20.53	20.67	20.66	1	21
		50	0	20.61	20.59	20.71	1	21
	16QAM	1	0	20.64	20.81	20.99	1	21
		1	24	20.72	20.88	20.85	1	21
		1	49	20.43	20.53	20.33	1	21
		25	0	19.56	19.68	19.76	2	20
		25	12	19.46	19.69	19.75	2	20
		25	25	19.66	19.69	19.77	2	20
		50	0	19.72	19.81	19.81	2	20
	64QAM	1	0	19.37	19.83	19.93	2	20
		1	24	19.81	19.82	19.90	2	20
		1	49	19.59	19.64	19.43	2	20
		25	0	18.61	18.73	18.71	3	19
		25	12	18.64	18.72	18.72	3	19
		25	25	18.54	18.55	18.74	3	19
		50	0	18.38	18.45	18.64	3	19
BW [MHz]	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5	QPSK	1	0	21.49	21.67	**21.77**	0	22
		1	12	21.37	21.55	21.57	0	22
		1	24	21.33	21.46	21.44	0	22
		12	0	20.80	20.80	20.78	1	21
		12	6	20.40	20.43	20.63	1	21
		12	13	20.65	20.60	20.73	1	21
		25	0	20.60	20.69	20.75	1	21
	16QAM	1	0	20.53	20.80	20.89	1	21
		1	12	20.79	20.81	20.91	1	21
		1	24	20.35	20.57	20.19	1	21
		12	0	19.59	19.69	19.83	2	20
		12	6	19.50	19.70	19.62	2	20
		12	13	19.59	19.64	19.72	2	20
		25	0	19.66	19.67	19.70	2	20
	64QAM	1	0	19.34	19.80	19.85	2	20
		1	12	19.82	19.93	19.97	2	20
		1	24	19.55	19.61	19.35	2	20
		12	0	18.64	18.68	18.82	3	19
		12	6	18.64	18.69	18.75	3	19
		12	13	18.49	18.53	18.62	3	19
		25	0	18.39	18.54	18.61	3	19

LTE Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23060	23095	23130		
		Frequency (MHz)		704	707.5	711		
10	QPSK	1	0	22.15	22.28	22.52	0	23.5
		1	24	22.27	22.21	22.47	0	23.5
		1	49	**22.47**	**22.57**	**22.55**	0	23.5
		25	0	**21.71**	**21.70**	**21.63**	1	22.5
		25	12	21.65	21.67	21.51	1	22.5
		25	25	21.53	21.62	21.47	1	22.5
		50	0	**21.68**	21.58	21.52	1	22.5
	16QAM	1	0	21.51	21.53	21.56	1	22.5
		1	24	21.49	21.61	21.59	1	22.5
		1	49	21.67	21.66	21.62	1	22.5
		25	0	20.61	20.65	20.71	2	21.5
		25	12	20.65	20.58	20.68	2	21.5
		25	25	20.52	20.59	20.62	2	21.5
		50	0	20.52	20.44	20.46	2	21.5
	64QAM	1	0	20.31	20.42	20.49	2	21.5
		1	24	20.29	20.38	20.57	2	21.5
		1	49	20.69	20.66	20.53	2	21.5
		25	0	19.71	19.51	19.72	3	20.5
		25	12	19.46	19.32	19.58	3	20.5
		25	25	19.41	19.55	19.56	3	20.5
		50	0	19.49	19.43	19.55	3	20.5
BW [MHz]	Modulation	Channel		23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		701.5	707.5	713.5		
5	QPSK	1	0	22.08	22.19	**22.51**	0	23.5
		1	12	22.18	22.15	22.38	0	23.5
		1	24	**22.43**	**22.48**	22.45	0	23.5
		12	0	**21.64**	**21.61**	**21.60**	1	22.5
		12	6	21.53	**21.61**	21.39	1	22.5
		12	13	21.38	21.53	21.36	1	22.5
		25	0	**21.56**	21.45	21.47	1	22.5
	16QAM	1	0	21.38	21.46	21.51	1	22.5
		1	12	21.36	21.46	21.57	1	22.5
		1	24	21.60	21.62	21.49	1	22.5
		12	0	20.57	20.52	20.60	2	21.5
		12	6	20.51	20.50	20.57	2	21.5
		12	13	20.48	20.44	20.53	2	21.5
		25	0	20.50	20.40	20.31	2	21.5
	64QAM	1	0	20.17	20.33	20.46	2	21.5
		1	12	20.19	20.35	20.54	2	21.5
		1	24	20.57	20.56	20.42	2	21.5
		12	0	19.60	19.50	19.59	3	20.5
		12	6	19.45	19.19	19.43	3	20.5
		12	13	19.34	19.53	19.55	3	20.5
		25	0	19.39	19.34	19.40	3	20.5
BW [MHz]	Modulation	Channel		23025	23095	23165	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		700.5	707.5	714.5		
3	QPSK	1	0	22.01	22.26	**22.50**	0	23.5
		1	7	22.23	22.10	22.32	0	23.5
		1	14	**22.35**	**22.55**	22.49	0	23.5
		8	0	**21.64**	**21.67**	**21.55**	1	22.5
		8	3	21.62	21.60	21.43	1	22.5
		8	7	21.43	21.59	21.37	1	22.5
		15	0	**21.62**	21.46	21.41	1	22.5
	16QAM	1	0	21.49	21.39	21.52	1	22.5
		1	7	21.36	21.52	21.55	1	22.5
		1	14	21.66	21.51	21.61	1	22.5
		8	0	20.50	20.53	20.59	2	21.5
		8	3	20.50	20.52	20.67	2	21.5
		8	7	20.42	20.48	20.48	2	21.5
		15	0	20.51	20.39	20.41	2	21.5
	64QAM	1	0	20.28	20.29	20.41	2	21.5
		1	7	20.23	20.26	20.54	2	21.5
		1	14	20.66	20.65	20.50	2	21.5
		8	0	19.66	19.36	19.70	3	20.5
		8	3	19.33	19.29	19.44	3	20.5
		8	7	19.29	19.53	19.55	3	20.5
		15	0	19.48	19.31	19.46	3	20.5
BW [MHz]	Modulation	Channel		23017	23095	23173	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		699.7	707.5	715.3		
1.4	QPSK	1	0	22.12	22.18	22.49	0	23.5
		1	2	22.20	22.06	22.43	0	23.5
		1	5	**22.46**	**22.52**	**22.50**	0	23.5
		3	0	**22.12**	**22.05**	**22.06**	0	23.5
		3	1	21.94	22.01	21.88	0	23.5
		3	3	21.90	21.93	21.88	0	23.5
		6	0	**21.64**	21.45	21.37	1	22.5
	16QAM	1	0	21.42	21.38	21.51	1	22.5
		1	2	21.42	21.59	21.58	1	22.5
		1	5	21.65	21.65	21.57	1	22.5
		3	0	21.37	21.53	21.48	1	22.5
		3	1	21.52	21.36	21.48	1	22.5
		3	3	21.31	21.47	21.42	1	22.5
		6	0	20.50	20.41	20.45	2	21.5
	64QAM	1	0	20.24	20.38	20.34	2	21.5
		1	2	20.21	20.29	20.56	2	21.5
		1	5	20.67	20.60	20.38	2	21.5
		3	0	20.51	20.26	20.46	2	21.5
		3	1	20.25	20.05	20.39	2	21.5
		3	3	20.25	20.42	20.36	2	21.5
		6	0	19.36	19.42	19.52	3	20.5

LTE Band 13

BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			23230			
		Frequency (MHz)			782			
10	QPSK	1	0		**23.05**		0	24
		1	24		22.88		0	24
		1	49		22.94		0	24
		25	0		**22.07**		1	23
		25	12		21.94		1	23
		25	25		21.82		1	23
		50	0		**21.90**		1	23
	16QAM	1	0		22.15		1	23
		1	24		22.05		1	23
		1	49		22.02		1	23
		25	0		21.21		2	22
		25	12		21.02		2	22
		25	25		21.04		2	22
		50	0		21.01		2	22
	64QAM	1	0		21.20		2	22
		1	24		21.12		2	22
		1	49		21.11		2	22
		25	0		20.09		3	21
		25	12		20.11		3	21
		25	25		20.10		3	21
		50	0		20.15		3	21
BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		779.5	782	784.5		
5	QPSK	1	0	22.94	22.97	22.95	0	24
		1	12	22.80	22.77	22.79	0	24
		1	24	22.92	22.93	22.82	0	24
		12	0	21.94	21.96	21.99	1	23
		12	6	21.81	21.84	21.79	1	23
		12	13	21.81	21.73	21.79	1	23
		25	0	21.83	21.82	21.76	1	23
	16QAM	1	0	22.11	22.08	22.02	1	23
		1	12	22.03	21.94	21.99	1	23
		1	24	22.01	21.89	21.97	1	23
		12	0	21.18	21.06	21.11	2	22
		12	6	20.93	21.01	20.95	2	22
		12	13	20.94	20.98	20.93	2	22
		25	0	20.96	21.00	20.89	2	22
	64QAM	1	0	21.06	21.05	21.19	2	22
		1	12	21.11	21.07	21.08	2	22
		1	24	21.00	21.04	20.96	2	22
		12	0	19.94	20.02	20.04	3	21
		12	6	20.05	20.00	20.10	3	21
		12	13	20.08	20.06	20.06	3	21
		25	0	20.04	20.11	20.13	3	21

LTE Band 14								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			23330			
		Frequency (MHz)			793			
10	QPSK	1	0		**22.77**		0	24
		1	24		22.76		0	24
		1	49		22.72		0	24
		25	0		**22.21**		1	23
		25	12		22.04		1	23
		25	25		21.79		1	23
		50	0		**21.84**		1	23
	16QAM	1	0		21.89		1	23
		1	24		22.08		1	23
		1	49		22.04		1	23
		25	0		21.11		2	22
		25	12		21.05		2	22
		25	25		20.87		2	22
		50	0		20.82		2	22
	64QAM	1	0		20.86		2	22
		1	24		21.08		2	22
		1	49		21.06		2	22
		25	0		20.05		3	21
		25	12		19.92		3	21
		25	25		20.01		3	21
		50	0		20.02		3	21
BW [MHz]	Modulation	Channel		23305	23330	23355	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		790.5	793	795.5		
5	QPSK	1	0	22.75	22.71	22.76	0	24
		1	12	22.72	22.70	22.70	0	24
		1	24	22.57	22.58	22.68	0	24
		12	0	22.19	22.11	22.16	1	23
		12	6	22.00	21.99	22.02	1	23
		12	13	21.71	21.70	21.78	1	23
		25	0	21.75	21.76	21.82	1	23
	16QAM	1	0	21.87	21.87	21.79	1	23
		1	12	22.04	22.01	22.07	1	23
		1	24	21.96	21.97	21.99	1	23
		12	0	21.07	21.02	21.04	2	22
		12	6	20.96	20.93	21.02	2	22
		12	13	20.74	20.74	20.75	2	22
		25	0	20.76	20.75	20.68	2	22
	64QAM	1	0	20.71	20.84	20.73	2	22
		1	12	21.03	21.01	21.01	2	22
		1	24	20.96	20.99	20.95	2	22
		12	0	20.03	20.04	19.94	3	21
		12	6	19.79	19.83	19.86	3	21
		12	13	19.97	19.92	19.93	3	21
		25	0	19.97	20.01	19.90	3	21

LTE Band 17								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	21.95	21.88	21.83	0	23.5
		1	24	**22.45**	**22.38**	**22.48**	0	23.5
		1	49	21.93	21.82	21.89	0	23.5
		25	0	**21.78**	**21.75**	**21.68**	1	22.5
		25	12	21.46	21.26	21.39	1	22.5
		25	25	21.25	21.16	21.41	1	22.5
		50	0	20.93	20.98	**21.35**	1	22.5
	16QAM	1	0	21.29	21.27	21.26	1	22.5
		1	24	21.46	21.48	21.45	1	22.5
		1	49	21.37	21.38	21.40	1	22.5
		25	0	20.86	20.57	20.88	2	21.5
		25	12	20.56	20.51	20.55	2	21.5
		25	25	20.60	20.45	20.65	2	21.5
		50	0	20.17	20.34	20.21	2	21.5
	64QAM	1	0	20.09	20.12	20.73	2	21.5
		1	24	20.35	20.72	20.79	2	21.5
		1	49	20.57	20.11	20.13	2	21.5
		25	0	19.68	19.65	19.66	3	20.5
		25	12	19.64	19.61	19.41	3	20.5
		25	25	19.61	19.42	19.44	3	20.5
		50	0	19.28	19.62	19.51	3	20.5
BW [MHz]	Modulation	Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		706.5	710	713.5		
5	QPSK	1	0	21.85	21.82	21.70	0	23.5
		1	12	**22.36**	**22.27**	**22.42**	0	23.5
		1	24	21.82	21.76	21.85	0	23.5
		12	0	**21.72**	**21.61**	**21.61**	1	22.5
		12	6	21.44	21.15	21.37	1	22.5
		12	13	21.23	21.08	21.37	1	22.5
		25	0	20.59	20.73	**21.13**	1	22.5
	16QAM	1	0	21.19	21.23	21.24	1	22.5
		1	12	21.38	21.45	21.49	1	22.5
		1	24	21.31	21.31	21.38	1	22.5
		12	0	20.77	20.54	20.84	2	21.5
		12	6	20.44	20.37	20.50	2	21.5
		12	13	20.53	20.30	20.60	2	21.5
		25	0	20.10	20.20	20.20	2	21.5
	64QAM	1	0	19.99	19.97	20.70	2	21.5
		1	12	20.25	20.68	20.73	2	21.5
		1	24	20.44	19.99	20.04	2	21.5
		12	0	19.57	19.54	19.55	3	20.5
		12	6	19.61	19.57	19.39	3	20.5
		12	13	19.48	19.34	19.38	3	20.5
		25	0	19.20	19.59	19.45	3	20.5

LTE Band 25

BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26140	26365	26590		
		Frequency (MHz)		1860	1882.5	1905		
20	QPSK	1	0	**20.35**	**20.77**	**20.65**	0	21.5
		1	50	20.33	20.68	20.58	0	21.5
		1	99	20.34	20.35	20.11	0	21.5
		50	0	19.62	19.68	19.66	1	20.5
		50	25	**19.75**	**19.77**	**19.72**	1	20.5
		50	50	19.72	19.75	19.59	1	20.5
		100	0	19.67	**19.77**	19.71	1	20.5
	16QAM	1	0	19.60	19.90	19.83	1	20.5
		1	50	20.10	19.98	19.89	1	20.5
		1	99	19.74	19.55	19.51	1	20.5
		50	0	18.74	18.79	18.62	2	19.5
		50	25	18.79	18.60	18.76	2	19.5
		50	50	18.81	18.76	18.73	2	19.5
		100	0	18.79	18.74	18.57	2	19.5
	64QAM	1	0	18.69	18.89	18.90	2	19.5
		1	50	18.82	18.90	18.94	2	19.5
		1	99	18.60	18.55	18.46	2	19.5
		50	0	17.69	17.74	17.65	3	18.5
		50	25	17.73	17.72	17.67	3	18.5
		50	50	17.75	17.71	17.62	3	18.5
		100	0	17.65	17.77	17.68	3	18.5
BW [MHz]	Modulation	Channel		26115	26365	26615	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1882.5	1907.5		
15	QPSK	1	0	20.31	20.74	20.64	0	21.5
		1	37	20.31	20.67	20.53	0	21.5
		1	74	20.20	20.25	19.97	0	21.5
		36	0	19.52	19.56	19.52	1	20.5
		36	19	19.67	19.63	19.66	1	20.5
		36	39	19.66	19.68	19.58	1	20.5
		75	0	19.54	19.71	19.69	1	20.5
	16QAM	1	0	19.56	19.87	19.72	1	20.5
		1	37	19.96	19.97	19.81	1	20.5
		1	74	19.66	19.40	19.50	1	20.5
		36	0	18.61	18.73	18.54	2	19.5
		36	19	18.71	18.55	18.67	2	19.5
		36	39	18.75	18.61	18.59	2	19.5
		75	0	18.69	18.66	18.43	2	19.5
	64QAM	1	0	18.68	18.77	18.79	2	19.5
		1	37	18.73	18.83	18.89	2	19.5
		1	74	18.52	18.51	18.34	2	19.5
		36	0	17.54	17.62	17.51	3	18.5
		36	19	17.63	17.70	17.58	3	18.5
		36	39	17.70	17.65	17.53	3	18.5
		75	0	17.57	17.67	17.65	3	18.5
BW [MHz]	Modulation	Channel		26090	26365	26640	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1882.5	1910		
10	QPSK	1	0	20.33	20.69	20.55	0	21.5
		1	24	20.22	20.66	20.56	0	21.5
		1	49	20.30	20.21	20.07	0	21.5
		25	0	19.56	19.54	19.53	1	20.5
		25	12	19.67	19.76	19.64	1	20.5
		25	25	19.62	19.71	19.53	1	20.5
		50	0	19.59	19.71	19.58	1	20.5
	16QAM	1	0	19.47	19.87	19.71	1	20.5
		1	24	20.05	19.86	19.86	1	20.5
		1	49	19.63	19.49	19.49	1	20.5
		25	0	18.59	18.75	18.56	2	19.5
		25	12	18.66	18.50	18.75	2	19.5
		25	25	18.73	18.67	18.66	2	19.5
		50	0	18.69	18.69	18.49	2	19.5
	64QAM	1	0	18.64	18.85	18.76	2	19.5
		1	24	18.73	18.79	18.89	2	19.5
		1	49	18.45	18.54	18.41	2	19.5
		25	0	17.60	17.61	17.59	3	18.5
		25	12	17.67	17.60	17.65	3	18.5
		25	25	17.73	17.62	17.54	3	18.5
		50	0	17.59	17.71	17.57	3	18.5
BW [MHz]	Modulation	Channel		26065	26365	26665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1882.5	1912.5		
5	QPSK	1	0	20.28	20.62	20.50	0	21.5
		1	12	20.29	20.59	20.55	0	21.5
		1	24	20.22	20.20	20.07	0	21.5
		12	0	19.49	19.66	19.58	1	20.5
		12	6	19.67	19.65	19.64	1	20.5
		12	13	19.65	19.73	19.48	1	20.5
		25	0	19.53	19.71	19.62	1	20.5
	16QAM	1	0	19.48	19.83	19.70	1	20.5
		1	12	20.02	19.87	19.84	1	20.5
		1	24	19.70	19.53	19.44	1	20.5
		12	0	18.64	18.69	18.52	2	19.5
		12	6	18.71	18.52	18.75	2	19.5
		12	13	18.76	18.63	18.71	2	19.5
		25	0	18.71	18.59	18.54	2	19.5
	64QAM	1	0	18.63	18.82	18.88	2	19.5
		1	12	18.74	18.78	18.81	2	19.5
		1	24	18.45	18.41	18.37	2	19.5
		12	0	17.60	17.67	17.52	3	18.5
		12	6	17.60	17.71	17.55	3	18.5
		12	13	17.67	17.70	17.56	3	18.5
		25	0	17.63	17.63	17.65	3	18.5
BW [MHz]	Modulation	Channel		26055	26365	26675	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1882.5	1913.5		
3	QPSK	1	0	20.32	20.75	20.64	0	21.5
		1	7	20.27	20.62	20.53	0	21.5
		1	14	20.23	20.34	20.07	0	21.5
		8	0	19.58	19.57	19.62	1	20.5
		8	3	19.61	19.65	19.69	1	20.5
		8	7	19.67	19.61	19.54	1	20.5
		15	0	19.65	19.64	19.56	1	20.5
	16QAM	1	0	19.50	19.82	19.73	1	20.5
		1	7	19.97	19.96	19.79	1	20.5
		1	14	19.67	19.52	19.50	1	20.5
		8	0	18.71	18.66	18.59	2	19.5
		8	3	18.76	18.59	18.62	2	19.5
		8	7	18.71	18.70	18.72	2	19.5
		15	0	18.67	18.70	18.48	2	19.5
	64QAM	1	0	18.58	18.79	18.83	2	19.5
		1	7	18.78	18.80	18.92	2	19.5
		1	14	18.51	18.42	18.32	2	19.5
		8	0	17.60	17.64	17.61	3	18.5
		8	3	17.58	17.67	17.56	3	18.5
		8	7	17.73	17.60	17.53	3	18.5
		15	0	17.59	17.73	17.65	3	18.5
BW [MHz]	Modulation	Channel		26047	26365	26683	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1882.5	1914.3		
1.4	QPSK	1	0	20.27	20.68	20.59	0	21.5
		1	2	20.31	20.65	20.50	0	21.5
		1	5	20.23	20.33	20.08	0	21.5
		3	0	20.41	20.45	20.36	0	21.5
		3	1	20.56	20.50	20.45	0	21.5
		3	3	20.46	20.46	20.36	0	21.5
		6	0	19.59	19.69	19.60	1	20.5
	16QAM	1	0	19.51	19.87	19.81	1	20.5
		1	2	19.98	19.94	19.74	1	20.5
		1	5	19.60	19.49	19.36	1	20.5
		3	0	19.51	19.52	19.39	1	20.5
		3	1	19.55	19.28	19.48	1	20.5
		3	3	19.62	19.46	19.47	1	20.5
		6	0	18.70	18.62	18.43	2	19.5
	64QAM	1	0	18.60	18.88	18.76	2	19.5
		1	2	18.77	18.77	18.93	2	19.5
		1	5	18.48	18.43	18.32	2	19.5
		3	0	18.47	18.52	18.42	2	19.5
		3	1	18.42	18.50	18.39	2	19.5
		3	3	18.45	18.41	18.37	2	19.5
		6	0	17.60	17.72	17.63	3	18.5

SAR_LTE Band 26

BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26765	26865	26965		
		Frequency (MHz)		821.5	831.5	841.5		
15	QPSK	1	0	22.54	23.08	**23.09**	0	24.5
		1	37	22.81	22.82	22.88	0	24.5
		1	74	**23.15**	**23.18**	22.55	0	24.5
		36	0	**22.07**	**22.11**	**22.12**	1	23.5
		36	19	21.91	21.92	21.93	1	23.5
		36	39	21.74	21.90	21.91	1	23.5
		75	0	21.75	21.55	**21.85**	1	23.5
	16QAM	1	0	21.65	22.12	22.07	1	23.5
		1	37	22.00	22.01	21.77	1	23.5
		1	74	22.24	22.29	22.01	1	23.5
		36	0	21.16	21.17	20.97	2	22.5
		36	19	21.12	21.00	20.72	2	22.5
		36	39	20.89	20.78	20.53	2	22.5
		75	0	20.81	20.62	20.86	2	22.5
	64QAM	1	0	20.78	21.17	21.08	2	22.5
		1	37	20.88	20.97	20.96	2	22.5
		1	74	21.18	21.26	20.66	2	22.5
		36	0	20.01	20.11	20.02	3	21.5
		36	19	19.92	19.95	19.71	3	21.5
		36	39	19.75	19.90	19.69	3	21.5
		75	0	20.45	19.89	19.90	3	21.5
BW [MHz]	Modulation	Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844		
10	QPSK	1	0	22.61	23.02	23.03	0	24.5
		1	24	22.71	22.68	22.74	0	24.5
		1	49	23.02	23.03	22.51	0	24.5
		25	0	21.99	21.96	22.09	1	23.5
		25	12	21.77	21.91	21.88	1	23.5
		25	25	21.73	21.88	21.76	1	23.5
		50	0	21.74	21.71	21.79	1	23.5
	16QAM	1	0	21.55	22.08	22.00	1	23.5
		1	24	21.93	21.91	21.62	1	23.5
		1	49	22.09	22.24	21.99	1	23.5
		25	0	21.02	21.02	20.82	2	22.5
		25	12	21.03	20.95	20.59	2	22.5
		25	25	20.79	20.69	20.55	2	22.5
		50	0	20.73	20.56	20.75	2	22.5
	64QAM	1	0	20.63	21.13	21.01	2	22.5
		1	24	20.74	20.92	20.88	2	22.5
		1	49	21.05	21.13	20.53	2	22.5
		25	0	19.94	20.04	19.91	3	21.5
		25	12	19.78	19.91	19.69	3	21.5
		25	25	19.70	19.84	19.66	3	21.5
		50	0	20.31	19.83	19.76	3	21.5
BW [MHz]	Modulation	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.99	23.06	0	24.5
		1	12	22.66	22.74	22.81	0	24.5
		1	24	23.01	23.12	22.54	0	24.5
		12	0	21.97	22.00	22.11	1	23.5
		12	6	21.86	21.77	21.89	1	23.5
		12	13	21.60	21.78	21.81	1	23.5
		25	0	21.73	21.57	21.81	1	23.5
	16QAM	1	0	21.60	22.06	21.96	1	23.5
		1	12	21.96	21.86	21.75	1	23.5
		1	24	22.17	22.15	21.94	1	23.5
		12	0	21.09	21.15	20.93	2	22.5
		12	6	21.03	20.88	20.68	2	22.5
		12	13	20.77	20.65	20.55	2	22.5
		25	0	20.80	20.56	20.74	2	22.5
	64QAM	1	0	20.69	21.15	20.97	2	22.5
		1	12	20.74	20.85	20.95	2	22.5
		1	24	21.15	21.14	20.57	2	22.5
		12	0	19.86	20.02	19.88	3	21.5
		12	6	19.79	19.80	19.68	3	21.5
		12	13	19.66	19.87	19.59	3	21.5
		25	0	20.38	19.85	19.78	3	21.5
BW [MHz]	Modulation	Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5		
3	QPSK	1	0	22.58	22.97	23.02	0	24.5
		1	7	22.71	22.71	22.85	0	24.5
		1	14	23.08	23.13	22.52	0	24.5
		8	0	21.96	22.06	21.97	1	23.5
		8	3	21.89	21.86	21.92	1	23.5
		8	7	21.70	21.82	21.76	1	23.5
		15	0	21.67	21.58	21.70	1	23.5
	16QAM	1	0	21.59	22.02	21.94	1	23.5
		1	7	21.86	22.00	21.63	1	23.5
		1	14	22.14	22.19	21.97	1	23.5
		8	0	21.03	21.07	20.86	2	22.5
		8	3	20.97	20.90	20.62	2	22.5
		8	7	20.80	20.65	20.53	2	22.5
		15	0	20.68	20.57	20.72	2	22.5
	64QAM	1	0	20.70	21.12	20.94	2	22.5
		1	7	20.82	20.83	20.81	2	22.5
		1	14	21.16	21.25	20.59	2	22.5
		8	0	19.94	19.97	20.00	3	21.5
		8	3	19.79	19.89	19.58	3	21.5
		8	7	19.72	19.86	19.60	3	21.5
		15	0	20.41	19.87	19.79	3	21.5
BW [MHz]	Modulation	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3		
1.4	QPSK	1	0	22.56	22.94	23.03	0	24.5
		1	2	22.73	22.77	22.78	0	24.5
		1	5	23.13	23.16	22.51	0	24.5
		3	0	22.85	22.83	22.91	0	24.5
		3	1	22.59	22.68	22.71	0	24.5
		3	3	22.54	22.58	22.72	0	24.5
		6	0	21.74	21.53	21.78	1	23.5
	16QAM	1	0	21.58	21.97	21.97	1	23.5
		1	2	21.91	21.87	21.66	1	23.5
		1	5	22.20	22.17	21.90	1	23.5
		3	0	21.90	21.93	21.67	1	23.5
		3	1	21.87	21.78	21.58	1	23.5
		3	3	21.57	21.58	21.62	1	23.5
		6	0	20.70	20.59	20.84	2	22.5
	64QAM	1	0	20.73	21.03	21.06	2	22.5
		1	2	20.75	20.84	20.89	2	22.5
		1	5	21.11	21.16	20.55	2	22.5
		3	0	20.80	20.87	20.79	2	22.5
		3	1	20.62	20.69	20.51	2	22.5
		3	3	20.53	20.58	20.58	2	22.5
		6	0	20.44	19.74	19.84	3	21.5

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BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26865	26915	26965		
		Frequency (MHz)		831.5	836.5	841.5		
15	QPSK	1	0	23.08	23.06	23.09	0	24.5
		1	37	22.82	22.77	22.88	0	24.5
		1	74	23.18	**23.29**	22.55	0	24.5
		36	0	22.11	22.21	22.24	1	23.5
		36	19	21.92	21.97	21.98	1	23.5
		36	39	21.90	21.73	21.91	1	23.5
		75	0	21.55	21.83	21.85	1	23.5
	16QAM	1	0	22.12	22.23	22.07	1	23.5
		1	37	22.01	22.11	21.77	1	23.5
		1	74	22.29	22.04	22.01	1	23.5
		36	0	21.17	21.08	20.97	2	22.5
		36	19	21.00	20.87	20.72	2	22.5
		36	39	20.78	20.73	20.53	2	22.5
		75	0	20.62	20.78	20.86	2	22.5
	64QAM	1	0	21.17	21.09	21.08	2	22.5
		1	37	20.97	21.02	20.96	2	22.5
		1	74	21.26	21.16	20.66	2	22.5
		36	0	20.11	20.05	20.02	3	21.5
		36	19	19.95	19.84	19.71	3	21.5
		36	39	19.90	19.77	19.69	3	21.5
		75	0	19.89	19.83	19.90	3	21.5
BW [MHz]	Modulation	Channel		26840	26915	26990	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		829	836.5	844		
10	QPSK	1	0	23.07	23.00	22.99	0	24.5
		1	24	22.67	22.68	22.74	0	24.5
		1	49	23.09	23.19	22.51	0	24.5
		25	0	21.98	22.20	22.17	1	23.5
		25	12	21.77	21.83	21.91	1	23.5
		25	25	21.77	21.71	21.83	1	23.5
		50	0	21.65	21.76	21.71	1	23.5
	16QAM	1	0	22.08	22.20	22.05	1	23.5
		1	24	21.92	22.06	21.71	1	23.5
		1	49	22.24	21.99	21.91	1	23.5
		25	0	21.05	20.95	20.91	2	22.5
		25	12	20.85	20.79	20.68	2	22.5
		25	25	20.67	20.70	20.62	2	22.5
		50	0	20.66	20.64	20.76	2	22.5
	64QAM	1	0	21.13	20.94	20.94	2	22.5
		1	24	20.89	20.94	20.87	2	22.5
		1	49	21.14	21.13	20.57	2	22.5
		25	0	20.00	20.02	19.99	3	21.5
		25	12	19.90	19.69	19.66	3	21.5
		25	25	19.85	19.74	19.66	3	21.5
		50	0	19.84	19.79	19.79	3	21.5
BW [MHz]	Modulation	Channel		26815	26915	27015	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5	QPSK	1	0	22.93	23.03	23.06	0	24.5
		1	12	22.76	22.64	22.76	0	24.5
		1	24	23.06	23.24	22.54	0	24.5
		12	0	22.08	22.19	22.12	1	23.5
		12	6	21.85	21.96	21.92	1	23.5
		12	13	21.76	21.72	21.82	1	23.5
		25	0	21.57	21.82	21.76	1	23.5
	16QAM	1	0	22.11	22.12	21.96	1	23.5
		1	12	21.96	22.08	21.65	1	23.5
		1	24	22.20	21.93	21.97	1	23.5
		12	0	21.15	21.00	20.85	2	22.5
		12	6	20.94	20.74	20.62	2	22.5
		12	13	20.69	20.63	20.53	2	22.5
		25	0	20.53	20.63	20.74	2	22.5
	64QAM	1	0	21.14	21.07	21.05	2	22.5
		1	12	20.89	20.89	20.83	2	22.5
		1	24	21.13	21.04	20.51	2	22.5
		12	0	20.04	19.94	19.96	3	21.5
		12	6	19.94	19.80	19.68	3	21.5
		12	13	19.86	19.67	19.59	3	21.5
		25	0	19.88	19.82	19.76	3	21.5
BW [MHz]	Modulation	Channel		26805	26915	27025	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3	QPSK	1	0	22.96	22.96	23.00	0	24.5
		1	7	22.71	22.75	22.80	0	24.5
		1	14	23.05	23.24	22.52	0	24.5
		8	0	22.03	22.08	22.20	1	23.5
		8	3	21.87	21.82	21.93	1	23.5
		8	7	21.80	21.61	21.87	1	23.5
		15	0	21.53	21.72	21.72	1	23.5
	16QAM	1	0	22.10	22.15	21.92	1	23.5
		1	7	21.97	21.96	21.63	1	23.5
		1	14	22.24	21.90	21.94	1	23.5
		8	0	21.04	21.04	20.84	2	22.5
		8	3	20.88	20.84	20.60	2	22.5
		8	7	20.69	20.58	20.54	2	22.5
		15	0	20.57	20.68	20.80	2	22.5
	64QAM	1	0	21.13	20.95	21.05	2	22.5
		1	7	20.91	20.87	20.91	2	22.5
		1	14	21.15	21.06	20.52	2	22.5
		8	0	20.10	20.01	19.89	3	21.5
		8	3	19.80	19.80	19.57	3	21.5
		8	7	19.84	19.75	19.62	3	21.5
		15	0	19.78	19.78	19.75	3	21.5
BW [MHz]	Modulation	Channel		26797	26915	27033	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4	QPSK	1	0	22.94	22.97	23.03	0	24.5
		1	2	22.70	22.74	22.87	0	24.5
		1	5	23.11	**23.28**	22.51	0	24.5
		3	0	22.86	22.99	22.91	0	24.5
		3	1	22.62	22.68	22.77	0	24.5
		3	3	22.69	22.55	22.59	0	24.5
		6	0	21.54	21.68	21.81	1	23.5
	16QAM	1	0	21.97	22.13	21.92	1	23.5
		1	2	21.90	22.06	21.75	1	23.5
		1	5	22.28	21.92	21.98	1	23.5
		3	0	21.97	21.87	21.76	1	23.5
		3	1	21.80	21.68	21.57	1	23.5
		3	3	21.55	21.57	21.54	1	23.5
		6	0	20.54	20.75	20.71	2	22.5
	64QAM	1	0	21.02	21.05	21.02	2	22.5
		1	2	20.96	20.99	20.81	2	22.5
		1	5	21.14	21.02	20.60	2	22.5
		3	0	20.86	20.77	20.72	2	22.5
		3	1	20.69	20.52	20.57	2	22.5
		3	3	20.71	20.57	20.53	2	22.5
		6	0	19.84	19.70	19.85	3	21.5

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BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			26740			
		Frequency (MHz)			819			
10	QPSK	1	0		22.51		0	24.5
		1	24		22.87		0	24.5
		1	49		**23.07**		0	24.5
		25	0		**22.12**		1	23.5
		25	12		21.81		1	23.5
		25	25		21.84		1	23.5
		50	0		**22.09**		1	23.5
	16QAM	1	0		21.55		1	23.5
		1	24		22.20		1	23.5
		1	49		22.32		1	23.5
		25	0		21.07		2	22.5
		25	12		20.82		2	22.5
		25	25		20.90		2	22.5
		50	0		21.10		2	22.5
	64QAM	1	0		20.52		2	22.5
		1	24		21.06		2	22.5
		1	49		21.23		2	22.5
		25	0		20.04		3	21.5
		25	12		19.97		3	21.5
		25	25		19.90		3	21.5
		50	0		20.14		3	21.5
BW [MHz]	Modulation	Channel		26715	26740	26765	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	819	821.5		
5	QPSK	1	0	22.65	22.61	22.64	0	24.5
		1	12	22.86	22.85	22.78	0	24.5
		1	24	23.02	23.00	23.01	0	24.5
		12	0	22.11	22.03	22.05	1	23.5
		12	6	21.75	21.66	21.75	1	23.5
		12	13	21.76	21.78	21.81	1	23.5
		25	0	21.97	22.00	22.05	1	23.5
	16QAM	1	0	21.66	21.64	21.64	1	23.5
		1	12	22.05	22.07	22.08	1	23.5
		1	24	22.25	22.26	22.25	1	23.5
		12	0	21.00	21.01	20.93	2	22.5
		12	6	20.75	20.74	20.71	2	22.5
		12	13	20.88	20.84	20.85	2	22.5
		25	0	20.96	21.08	21.03	2	22.5
	64QAM	1	0	20.59	20.63	20.65	2	22.5
		1	12	20.96	20.95	20.99	2	22.5
		1	24	21.17	21.12	21.09	2	22.5
		12	0	19.99	19.91	19.96	3	21.5
		12	6	19.93	19.86	19.86	3	21.5
		12	13	19.85	19.84	19.87	3	21.5
		25	0	20.12	20.04	20.03	3	21.5
BW [MHz]	Modulation	Channel		26705	26740	26775	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	819	822.5		
3	QPSK	1	0	22.64	22.59	23.87	0	24.5
		1	7	22.82	22.73	**24.00**	0	24.5
		1	14	22.92	22.87	23.72	0	24.5
		8	0	22.08	21.96	22.97	1	23.5
		8	3	21.63	21.51	22.88	1	23.5
		8	7	21.70	21.73	22.80	1	23.5
		15	0	21.83	21.86	22.93	1	23.5
	16QAM	1	0	21.65	21.52	22.90	1	23.5
		1	7	21.94	22.01	23.01	1	23.5
		1	14	22.16	22.15	22.93	1	23.5
		8	0	20.92	20.92	21.82	2	22.5
		8	3	20.69	20.73	21.89	2	22.5
		8	7	20.74	20.72	21.77	2	22.5
		15	0	20.86	20.94	21.82	2	22.5
	64QAM	1	0	20.52	20.60	22.16	2	22.5
		1	7	20.88	20.80	22.45	2	22.5
		1	14	21.03	21.11	22.21	2	22.5
		8	0	19.85	19.81	20.86	3	21.5
		8	3	19.79	19.79	21.05	3	21.5
		8	7	19.71	19.81	20.78	3	21.5
		15	0	20.11	19.89	20.81	3	21.5
BW [MHz]	Modulation	Channel		26697	26740	26783	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	819	823.3		
1.4	QPSK	1	0	22.57	22.53	22.55	0	24.5
		1	2	22.83	22.81	22.67	0	24.5
		1	5	22.98	22.98	22.91	0	24.5
		3	0	22.86	22.70	22.80	0	24.5
		3	1	22.46	22.40	22.54	0	24.5
		3	3	22.49	22.55	22.62	0	24.5
		6	0	21.91	21.99	22.04	1	23.5
	16QAM	1	0	21.61	21.54	21.63	1	23.5
		1	2	21.97	22.06	22.03	1	23.5
		1	5	22.23	22.25	22.22	1	23.5
		3	0	21.72	21.69	21.65	1	23.5
		3	1	21.51	21.41	21.44	1	23.5
		3	3	21.61	21.60	21.63	1	23.5
		6	0	20.85	21.03	20.94	2	22.5
	64QAM	1	0	20.55	20.52	20.61	2	22.5
		1	2	20.95	20.80	20.88	2	22.5
		1	5	21.07	21.01	21.04	2	22.5
		3	0	20.76	20.70	20.73	2	22.5
		3	1	20.70	20.66	20.55	2	22.5
		3	3	20.57	20.56	20.57	2	22.5
		6	0	20.06	19.97	19.98	3	21.5

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BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			27710			
		Frequency (MHz)			2310			
10	QPSK	1	0		**23.05**		0	24
		1	24		22.55		0	24
		1	49		22.49		0	24
		25	0		**21.89**		1	23
		25	12		21.49		1	23
		25	25		21.37		1	23
		50	0		**21.55**		1	23
	16QAM	1	0		21.88		1	23
		1	24		21.69		1	23
		1	49		21.64		1	23
		25	0		20.55		2	22
		25	12		20.49		2	22
		25	25		20.42		2	22
		50	0		20.52		2	22
	64QAM	1	0		20.81		2	22
		1	24		20.75		2	22
		1	49		20.76		2	22
		25	0		19.53		3	21
		25	12		19.52		3	21
		25	25		19.55		3	21
		50	0		19.57		3	21
BW [MHz]	**Modulation**	**Channel**		**27685**	**27710**	**27735**	**3GPP MPR (dB)**	**Max. Tune-up (dBm)**
		Frequency (MHz)		**2307.5**	**2310**	**2312.5**		
5	QPSK	1	0	23.00	22.96	23.04	0	24
		1	12	22.50	22.52	22.42	0	24
		1	24	22.35	22.41	22.42	0	24
		12	0	21.87	21.77	21.81	1	23
		12	6	21.45	21.43	21.46	1	23
		12	13	21.36	21.36	21.23	1	23
		25	0	21.47	21.41	21.45	1	23
	16QAM	1	0	21.86	21.78	21.82	1	23
		1	12	21.55	21.56	21.66	1	23
		1	24	21.55	21.60	21.56	1	23
		12	0	20.54	20.40	20.51	2	22
		12	6	20.38	20.38	20.43	2	22
		12	13	20.28	20.37	20.29	2	22
		25	0	20.38	20.51	20.47	2	22
	64QAM	1	0	20.70	20.80	20.67	2	22
		1	12	20.63	20.64	20.73	2	22
		1	24	20.73	20.70	20.71	2	22
		12	0	19.50	19.49	19.45	3	21
		12	6	19.45	19.47	19.51	3	21
		12	13	19.43	19.54	19.50	3	21
		25	0	19.49	19.53	19.48	3	21

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BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20	QPSK	1	0	22.06	22.10	22.07	0	23
		1	50	22.07	22.11	22.09	0	23
		1	99	**22.10**	**22.12**	**22.10**	0	23
		50	0	21.32	21.34	21.24	1	22
		50	25	**21.35**	**21.38**	**21.26**	1	22
		50	50	21.25	21.26	21.19	1	22
		100	0	21.28	**21.35**	21.22	1	22
	16QAM	1	0	21.62	21.54	21.43	1	22
		1	50	21.54	21.49	21.44	1	22
		1	99	21.64	21.50	21.40	1	22
		50	0	20.55	20.50	20.46	2	21
		50	25	20.51	20.44	20.42	2	21
		50	50	20.48	20.40	20.36	2	21
		100	0	20.57	20.43	20.37	2	21
	64QAM	1	0	20.28	20.13	20.11	2	21
		1	50	20.18	20.17	20.09	2	21
		1	99	20.04	20.00	19.96	2	21
		50	0	19.58	19.51	19.54	3	20
		50	25	19.47	19.36	19.46	3	20
		50	50	19.42	19.39	19.33	3	20
		100	0	19.55	19.41	19.53	3	20
BW [MHz]	**Modulation**	**Channel**		**37825**	**38000**	**38175**	**3GPP MPR (dB)**	**Max. Tune-up (dBm)**
		Frequency (MHz)		**2577.5**	**2595**	**2612.5**		
15	QPSK	1	0	22.05	21.95	21.96	0	23
		1	37	22.04	22.10	22.00	0	23
		1	74	22.06	22.02	21.99	0	23
		36	0	21.20	21.28	21.11	1	22
		36	19	21.18	21.21	21.12	1	22
		36	39	21.16	21.25	21.15	1	22
		75	0	21.21	21.24	21.12	1	22
	16QAM	1	0	21.61	21.44	21.38	1	22
		1	37	21.50	21.41	21.36	1	22
		1	74	21.60	21.37	21.36	1	22
		36	0	20.53	20.41	20.39	2	21
		36	19	20.37	20.36	20.38	2	21
		36	39	20.34	20.39	20.31	2	21
		75	0	20.48	20.35	20.34	2	21
	64QAM	1	0	20.19	20.12	20.04	2	21
		1	37	20.11	20.04	20.02	2	21
		1	74	19.90	19.89	19.92	2	21
		36	0	19.56	19.50	19.51	3	20
		36	19	19.44	19.27	19.36	3	20
		36	39	19.31	19.34	19.19	3	20
		75	0	19.42	19.38	19.51	3	20
BW [MHz]	**Modulation**	**Channel**		**37800**	**38000**	**38200**	**3GPP MPR (dB)**	**Max. Tune-up (dBm)**
		Frequency (MHz)		**2575**	**2595**	**2615**		
10	QPSK	1	0	22.00	22.01	22.02	0	23
		1	24	21.98	21.96	21.99	0	23
		1	49	21.99	22.11	21.95	0	23
		25	0	21.17	21.19	21.19	1	22
		25	12	21.19	21.18	21.13	1	22
		25	25	21.20	21.23	21.14	1	22
		50	0	21.19	21.21	21.19	1	22
	16QAM	1	0	21.48	21.42	21.34	1	22
		1	24	21.46	21.41	21.39	1	22
		1	49	21.58	21.49	21.36	1	22
		25	0	20.51	20.49	20.44	2	21
		25	12	20.48	20.43	20.39	2	21
		25	25	20.34	20.32	20.28	2	21
		50	0	20.52	20.39	20.28	2	21
	64QAM	1	0	20.22	20.06	20.06	2	21
		1	24	20.03	20.11	19.94	2	21
		1	49	19.99	19.89	19.93	2	21
		25	0	19.57	19.39	19.53	3	20
		25	12	19.46	19.33	19.39	3	20
		25	25	19.36	19.35	19.24	3	20
		50	0	19.45	19.36	19.43	3	20
BW [MHz]	**Modulation**	**Channel**		**37775**	**38000**	**38225**	**3GPP MPR (dB)**	**Max. Tune-up (dBm)**
		Frequency (MHz)		**2572.5**	**2595**	**2617.5**		
5	QPSK	1	0	22.03	21.96	22.00	0	23
		1	12	22.02	22.00	22.03	0	23
		1	24	22.00	21.97	22.04	0	23
		12	0	21.25	21.27	21.19	1	22
		12	6	21.26	21.29	21.17	1	22
		12	13	21.20	21.15	21.08	1	22
		25	0	21.15	21.31	21.08	1	22
	16QAM	1	0	21.56	21.46	21.38	1	22
		1	12	21.44	21.48	21.29	1	22
		1	24	21.56	21.41	21.33	1	22
		12	0	20.47	20.42	20.39	2	21
		12	6	20.45	20.38	20.34	2	21
		12	13	20.47	20.30	20.34	2	21
		25	0	20.51	20.40	20.31	2	21
	64QAM	1	0	20.17	20.12	19.98	2	21
		1	12	20.14	20.11	19.98	2	21
		1	24	19.89	19.98	19.81	2	21
		12	0	19.51	19.38	19.53	3	20
		12	6	19.42	19.29	19.41	3	20
		12	13	19.34	19.33	19.32	3	20
		25	0	19.45	19.32	19.44	3	20

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BW [MHz]	Modulation	RB Size	RB Offset	Low for IC	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39790	39750	40185	40620	41055	41490		
		Frequency (MHz)		2510	2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	**22.17**	**22.27**	**22.32**	**22.42**	**22.03**	**22.35**	0	23
		1	50	22.15	22.25	22.31	22.40	22.01	22.31	0	23
		1	99	21.85	22.03	22.15	22.17	22.00	21.74	0	23
		50	0	**21.37**	**21.32**	**21.50**	**21.52**	**21.46**	**21.80**	1	22
		50	25	21.34	21.28	21.45	21.49	21.42	21.45	1	22
		50	50	21.17	21.11	21.43	21.44	21.37	21.42	1	22
		100	0	21.12	21.10	21.50	**21.53**	21.36	21.52	1	22
	16QAM	1	0	21.44	21.49	21.88	21.64	21.58	21.87	1	22
		1	50	21.43	21.47	21.88	21.62	21.92	21.99	1	22
		1	99	21.35	21.32	21.66	21.56	21.42	21.02	1	22
		50	0	20.41	20.27	20.67	20.59	20.54	20.80	2	21
		50	25	20.38	20.43	20.71	20.62	20.52	20.83	2	21
		50	50	20.35	20.22	20.54	20.40	20.44	20.70	2	21
		100	0	20.23	20.28	20.61	20.41	20.50	20.75	2	21
	64QAM	1	0	20.10	20.20	20.38	20.31	20.10	20.40	2	21
		1	50	20.12	20.22	20.40	20.32	20.14	20.47	2	21
		1	99	19.85	19.88	19.81	19.66	19.98	19.55	2	21
		50	0	18.94	18.88	19.17	19.05	18.94	19.26	3	20
		50	25	18.83	18.80	19.15	18.88	19.00	19.25	3	20
		50	50	18.84	18.71	19.01	18.85	18.90	19.15	3	20
		100	0	18.80	18.73	19.04	18.89	18.87	19.21	3	20
BW [MHz]	Modulation	Channel		39765	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2503.5	2548.25	2593	2637.75	2682.5		
15	QPSK	1	0	22.16	22.12	22.21	22.36	21.91	22.34	0	23
		1	37	22.10	22.13	22.16	22.25	21.91	22.29	0	23
		1	74	21.70	21.89	22.06	22.04	21.93	21.63	0	23
		36	0	21.32	21.27	21.48	21.42	21.40	21.76	1	22
		36	19	21.32	21.15	21.30	21.42	21.39	21.39	1	22
		36	39	21.05	20.98	21.42	21.41	21.29	21.28	1	22
		75	0	21.02	20.97	21.42	21.49	21.21	21.46	1	22
	16QAM	1	0	21.36	21.47	21.87	21.49	21.52	21.74	1	22
		1	37	21.40	21.37	21.80	21.59	21.82	21.87	1	22
		1	74	21.31	21.27	21.60	21.53	21.40	20.96	1	22
		36	0	20.35	20.15	20.52	20.56	20.46	20.76	2	21
		36	19	20.34	20.30	20.59	20.61	20.46	20.74	2	21
		36	39	20.29	20.08	20.42	20.35	20.33	20.59	2	21
		75	0	20.08	20.21	20.60	20.31	20.42	20.64	2	21
	64QAM	1	0	20.00	20.18	20.36	20.16	20.02	20.33	2	21
		1	37	20.11	20.21	20.27	20.26	20.05	20.45	2	21
		1	74	19.81	19.81	19.77	19.63	19.88	19.42	2	21
		36	0	18.90	18.77	19.12	18.98	18.93	19.16	3	20
		36	19	18.70	18.67	19.09	18.87	18.98	19.14	3	20
		36	39	18.75	18.69	18.99	18.78	18.79	19.08	3	20
		75	0	18.72	18.63	19.01	18.83	18.84	19.10	3	20
BW [MHz]	Modulation	Channel		39740	39700	40140	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2501	2547	2593	2639	2685		
10	QPSK	1	0	22.07	22.12	22.26	22.34	21.96	22.28	0	23
		1	24	22.09	22.23	22.29	22.37	22.00	22.26	0	23
		1	49	21.72	22.00	22.09	22.13	21.99	21.67	0	23
		25	0	21.28	21.22	21.48	21.49	21.44	21.66	1	22
		25	12	21.26	21.19	21.35	21.47	21.41	21.40	1	22
		25	25	21.07	21.05	21.40	21.38	21.33	21.32	1	22
		50	0	21.03	21.01	21.39	21.40	21.32	21.50	1	22
	16QAM	1	0	21.40	21.38	21.80	21.52	21.57	21.74	1	22
		1	24	21.36	21.41	21.76	21.59	21.83	21.95	1	22
		1	49	21.29	21.24	21.53	21.47	21.33	20.87	1	22
		25	0	20.35	20.22	20.63	20.51	20.51	20.70	2	21
		25	12	20.28	20.30	20.57	20.59	20.48	20.72	2	21
		25	25	20.30	20.17	20.43	20.25	20.31	20.61	2	21
		50	0	20.13	20.18	20.57	20.35	20.49	20.65	2	21
	64QAM	1	0	19.99	20.05	20.30	20.29	20.04	20.25	2	21
		1	24	20.05	20.11	20.29	20.18	20.07	20.35	2	21
		1	49	19.75	19.81	19.75	19.61	19.97	19.47	2	21
		25	0	18.84	18.82	19.05	18.94	18.83	19.14	3	20
		25	12	18.78	18.79	19.14	18.75	18.95	19.13	3	20
		25	25	18.80	18.70	18.91	18.70	18.88	19.10	3	20
		50	0	18.77	18.66	18.93	18.83	18.77	19.17	3	20
BW [MHz]	Modulation	Channel		39715	39675	40147.5	40620	41092.5	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2498.5	2545.75	2593	2640.25	2687.5		
5	QPSK	1	0	22.11	22.24	22.31	22.39	21.90	22.21	0	23
		1	12	22.10	22.20	22.25	22.29	21.98	22.18	0	23
		1	24	21.74	22.01	22.00	22.12	21.88	21.64	0	23
		12	0	21.33	21.29	21.42	21.41	21.42	21.74	1	22
		12	6	21.19	21.16	21.39	21.42	21.37	21.34	1	22
		12	13	21.07	21.03	21.29	21.33	21.31	21.41	1	22
		25	0	21.03	21.03	21.45	21.41	21.29	21.50	1	22
	16QAM	1	0	21.33	21.45	21.84	21.62	21.50	21.74	1	22
		1	12	21.39	21.33	21.83	21.53	21.88	21.92	1	22
		1	24	21.21	21.22	21.65	21.43	21.37	20.94	1	22
		12	0	20.27	20.22	20.60	20.45	20.43	20.74	2	21
		12	6	20.27	20.41	20.64	20.57	20.42	20.75	2	21
		12	13	20.31	20.20	20.50	20.30	20.43	20.68	2	21
		25	0	20.18	20.19	20.48	20.32	20.48	20.71	2	21
	64QAM	1	0	19.98	20.08	20.36	20.19	20.00	20.38	2	21
		1	12	20.11	20.14	20.33	20.30	20.07	20.43	2	21
		1	24	19.78	19.83	19.66	19.59	19.85	19.54	2	21
		12	0	18.90	18.75	19.14	19.03	18.79	19.21	3	20
		12	6	18.68	18.69	19.12	18.85	18.91	19.20	3	20
		12	13	18.72	18.61	18.98	18.78	18.77	19.06	3	20
		25	0	18.72	18.68	19.01	18.79	18.79	19.13	3	20

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BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20	QPSK	1	0	20.35	20.45	20.40	0	21
		1	50	**20.49**	**20.62**	**20.51**	0	21
		1	99	20.44	20.51	20.47	0	21
		50	0	19.51	19.53	19.42	1	20
		50	25	19.45	19.57	19.48	1	20
		50	50	**19.65**	**19.67**	**19.59**	1	20
		100	0	19.62	**19.65**	19.58	1	20
	16QAM	1	0	19.66	19.58	19.64	1	20
		1	50	19.84	19.70	19.81	1	20
		1	99	19.87	19.89	19.81	1	20
		50	0	18.68	18.51	18.54	2	19
		50	25	18.63	18.64	18.55	2	19
		50	50	18.65	18.66	18.66	2	19
		100	0	18.69	18.68	18.61	2	19
	64QAM	1	0	18.55	18.46	18.67	2	19
		1	50	18.96	18.72	18.86	2	19
		1	99	18.92	18.89	18.76	2	19
		50	0	17.58	17.42	17.51	3	18
		50	25	17.64	17.59	17.52	3	18
		50	50	17.66	17.67	17.62	3	18
		100	0	16.73	17.53	17.61	3	18
BW [MHz]	Modulation	Channel		132047	132322	132597	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5		
15	QPSK	1	0	20.34	20.36	20.39	0	21
		1	37	20.34	20.49	20.49	0	21
		1	74	20.41	20.48	20.46	0	21
		36	0	19.43	19.46	19.37	1	20
		36	19	19.32	19.49	19.45	1	20
		36	39	19.57	19.60	19.50	1	20
		75	0	19.48	19.60	19.52	1	20
	16QAM	1	0	19.63	19.53	19.57	1	20
		1	37	19.71	19.59	19.67	1	20
		1	74	19.82	19.74	19.66	1	20
		36	0	18.64	18.41	18.49	2	19
		36	19	18.59	18.58	18.46	2	19
		36	39	18.53	18.62	18.58	2	19
		75	0	18.64	18.66	18.55	2	19
	64QAM	1	0	18.47	18.44	18.64	2	19
		1	37	18.95	18.58	18.82	2	19
		1	74	18.85	18.75	18.70	2	19
		36	0	17.44	17.39	17.45	3	18
		36	19	17.58	17.53	17.44	3	18
		36	39	17.56	17.59	17.50	3	18
		75	0	16.66	17.47	17.46	3	18
BW [MHz]	Modulation	Channel		132022	132322	132622	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1715	1745	1775		
10	QPSK	1	0	20.26	20.32	20.32	0	21
		1	24	20.35	20.61	20.37	0	21
		1	49	20.34	20.47	20.39	0	21
		25	0	19.46	19.51	19.36	1	20
		25	12	19.33	19.45	19.36	1	20
		25	25	19.50	19.53	19.51	1	20
		50	0	19.55	19.61	19.43	1	20
	16QAM	1	0	19.62	19.43	19.56	1	20
		1	24	19.72	19.59	19.79	1	20
		1	49	19.85	19.87	19.78	1	20
		25	0	18.55	18.45	18.48	2	19
		25	12	18.48	18.51	18.41	2	19
		25	25	18.54	18.60	18.65	2	19
		50	0	18.68	18.62	18.54	2	19
	64QAM	1	0	18.44	18.37	18.65	2	19
		1	24	18.83	18.63	18.71	2	19
		1	49	18.85	18.85	18.64	2	19
		25	0	17.47	17.32	17.40	3	18
		25	12	17.61	17.57	17.51	3	18
		25	25	17.64	17.62	17.51	3	18
		50	0	16.67	17.39	17.50	3	18
BW [MHz]	Modulation	Channel		131997	132322	132647	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5		
5	QPSK	1	0	20.25	20.41	20.32	0	21
		1	12	20.42	20.52	20.40	0	21
		1	24	20.39	20.42	20.43	0	21
		12	0	19.36	19.52	19.39	1	20
		12	6	19.44	19.56	19.42	1	20
		12	13	19.61	19.64	19.51	1	20
		25	0	19.61	19.52	19.44	1	20
	16QAM	1	0	19.63	19.45	19.49	1	20
		1	12	19.82	19.58	19.73	1	20
		1	24	19.72	19.85	19.78	1	20
		12	0	18.67	18.40	18.39	2	19
		12	6	18.49	18.58	18.48	2	19
		12	13	18.51	18.64	18.56	2	19
		25	0	18.54	18.58	18.55	2	19
	64QAM	1	0	18.45	18.43	18.61	2	19
		1	12	18.90	18.59	18.82	2	19
		1	24	18.77	18.84	18.62	2	19
		12	0	17.55	17.32	17.50	3	18
		12	6	17.56	17.56	17.50	3	18
		12	13	17.53	17.59	17.57	3	18
		25	0	16.62	17.51	17.55	3	18
BW [MHz]	Modulation	Channel		131987	132322	132657	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5		
3	QPSK	1	0	20.31	20.39	20.37	0	21
		1	7	20.44	20.58	20.39	0	21
		1	14	20.37	20.44	20.39	0	21
		8	0	19.43	19.38	19.31	1	20
		8	3	19.41	19.46	19.39	1	20
		8	7	19.50	19.55	19.55	1	20
		15	0	19.51	19.61	19.47	1	20
	16QAM	1	0	19.52	19.53	19.63	1	20
		1	7	19.72	19.56	19.72	1	20
		1	14	19.74	19.88	19.67	1	20
		8	0	18.67	18.39	18.47	2	19
		8	3	18.52	18.51	18.44	2	19
		8	7	18.61	18.64	18.55	2	19
		15	0	18.54	18.60	18.54	2	19
	64QAM	1	0	18.43	18.31	18.55	2	19
		1	7	18.93	18.65	18.81	2	19
		1	14	18.80	18.83	18.75	2	19
		8	0	17.47	17.33	17.50	3	18
		8	3	17.56	17.52	17.50	3	18
		8	7	17.53	17.63	17.49	3	18
		15	0	16.71	17.51	17.58	3	18
BW [MHz]	Modulation	Channel		131979	132322	132665	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3		
1.4	QPSK	1	0	20.20	20.37	20.32	0	21
		1	2	20.42	20.53	20.40	0	21
		1	5	20.39	20.46	20.34	0	21
		3	0	20.20	20.32	20.11	0	21
		3	1	20.26	20.37	20.19	0	21
		3	3	20.40	20.39	20.33	0	21
		6	0	19.58	19.60	19.48	1	20
	16QAM	1	0	19.62	19.44	19.60	1	20
		1	2	19.69	19.55	19.76	1	20
		1	5	19.82	19.87	19.72	1	20
		3	0	19.37	19.24	19.24	1	20
		3	1	19.43	19.36	19.36	1	20
		3	3	19.44	19.45	19.40	1	20
		6	0	18.57	18.65	18.55	2	19
	64QAM	1	0	18.45	18.36	18.54	2	19
		1	2	18.91	18.58	18.73	2	19
		1	5	18.88	18.78	18.70	2	19
		3	0	18.31	18.15	18.32	2	19
		3	1	18.45	18.31	18.25	2	19
		3	3	18.41	18.36	18.34	2	19
		6	0	16.66	17.51	17.46	3	18

LTE Band 71								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		133222	133322	133372		
		Frequency (MHz)		673	683	688		
20	QPSK	1	0	22.00	22.06	22.01	0	23
		1	50	**22.31**	**22.45**	**22.22**	0	23
		1	99	21.66	21.70	21.65	0	23
		50	0	21.51	21.55	21.45	1	22
		50	25	**21.55**	**21.56**	**21.46**	1	22
		50	50	21.45	21.51	21.34	1	22
		100	0	21.63	**21.72**	21.64	1	22
	16QAM	1	0	21.21	21.33	21.20	1	22
		1	50	21.02	21.65	21.00	1	22
		1	99	21.21	20.84	21.15	1	22
		50	0	20.74	20.54	20.50	2	21
		50	25	20.61	20.77	20.57	2	21
		50	50	20.73	20.43	20.47	2	21
		100	0	20.79	20.81	20.73	2	21
	64QAM	1	0	20.14	20.21	20.36	2	21
		1	50	20.03	20.46	20.00	2	21
		1	99	20.56	20.35	20.33	2	21
		50	0	19.60	19.57	19.49	3	20
		50	25	19.68	19.91	19.65	3	20
		50	50	19.67	19.71	19.50	3	20
		100	0	19.75	19.78	19.61	3	20
BW [MHz]	Modulation	Channel		133197	133297	133397	3GPP MPR	Max. Tune-up
		Frequency (MHz)		670.5	680.5	690.5		
15	QPSK	1	0	21.92	21.93	21.95	0	23
		1	37	22.26	22.42	22.11	0	23
		1	74	21.58	21.62	21.54	0	23
		36	0	21.36	21.47	21.39	1	22
		36	19	21.53	21.53	21.31	1	22
		36	39	21.38	21.40	21.23	1	22
		75	0	21.51	21.63	21.63	1	22
	16QAM	1	0	21.09	21.27	21.05	1	22
		1	37	20.91	21.62	20.97	1	22
		1	74	21.19	20.76	21.03	1	22
		36	0	20.65	20.50	20.37	2	21
		36	19	20.49	20.75	20.48	2	21
		36	39	20.67	20.40	20.34	2	21
		75	0	20.74	20.73	20.72	2	21
	64QAM	1	0	20.01	20.13	20.26	2	21
		1	37	19.88	20.39	19.93	2	21
		1	74	20.47	20.27	20.30	2	21
		36	0	19.53	19.52	19.40	3	20
		36	19	19.53	19.90	19.62	3	20
		36	39	19.66	19.69	19.47	3	20
		75	0	19.66	19.73	19.60	3	20
BW [MHz]	Modulation	Channel		133172	133297	133422	3GPP MPR	Max. Tune-up
		Frequency (MHz)		668	680.5	693		
10	QPSK	1	0	21.97	21.91	21.93	0	23
		1	24	22.22	22.35	22.14	0	23
		1	49	21.65	21.69	21.60	0	23
		25	0	21.49	21.41	21.40	1	22
		25	12	21.43	21.52	21.32	1	22
		25	25	21.38	21.46	21.30	1	22
		50	0	21.55	21.60	21.56	1	22
	16QAM	1	0	21.07	21.18	21.07	1	22
		1	24	20.99	21.63	20.95	1	22
		1	49	21.13	20.76	21.04	1	22
		25	0	20.73	20.42	20.45	2	21
		25	12	20.51	20.64	20.48	2	21
		25	25	20.66	20.42	20.34	2	21
		50	0	20.77	20.69	20.71	2	21
	64QAM	1	0	20.00	20.07	20.21	2	21
		1	24	19.93	20.37	19.85	2	21
		1	49	20.54	20.28	20.28	2	21
		25	0	19.53	19.51	19.48	3	20
		25	12	19.64	19.84	19.51	3	20
		25	25	19.65	19.65	19.47	3	20
		50	0	19.70	19.69	19.51	3	20
BW [MHz]	Modulation	Channel		133147	133297	133447	3GPP MPR	Max. Tune-up
		Frequency (MHz)		665.5	680.5	695.5		
5	QPSK	1	0	21.95	22.04	21.98	0	23
		1	12	22.19	22.39	22.09	0	23
		1	24	21.51	21.63	21.60	0	23
		12	0	21.50	21.45	21.32	1	22
		12	6	21.49	21.41	21.42	1	22
		12	13	21.39	21.48	21.32	1	22
		25	0	21.49	21.66	21.50	1	22
	16QAM	1	0	21.07	21.26	21.05	1	22
		1	12	21.00	21.50	20.99	1	22
		1	24	21.17	20.78	21.05	1	22
		12	0	20.71	20.40	20.45	2	21
		12	6	20.53	20.63	20.45	2	21
		12	13	20.62	20.42	20.42	2	21
		25	0	20.70	20.75	20.63	2	21
	64QAM	1	0	20.04	20.14	20.23	2	21
		1	12	20.02	20.39	19.97	2	21
		1	24	20.46	20.21	20.21	2	21
		12	0	19.47	19.42	19.44	3	20
		12	6	19.65	19.84	19.50	3	20
		12	13	19.64	19.66	19.49	3	20
		25	0	19.60	19.76	19.55	3	20

Full Power_ ULCA

CA_7C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power	Max Tune-up
			RB Size	RB offset	RB Size	RB offset			
20850	21048	QPSK	1	99	1	0	1	21.68	22
		16QAM	1	99	1	0	1	20.93	21
		64QAM	1	99	1	0	1	19.96	20
21100	21298	QPSK	1	99	1	0	1	21.73	22
		16QAM	1	99	1	0	1	20.96	21
		64QAM	1	99	1	0	1	19.94	20
21350	21152	QPSK	1	99	1	0	1	21.76	22
		16QAM	1	99	1	0	1	20.98	21
		64QAM	1	99	1	0	1	19.99	20

CA_41C									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power	Max Tune-up
			RB Size	RB offset	RB Size	RB offset			
39790	39988	QPSK	1	0	0	0	1	22.85	23
		16QAM	1	0	0	0	1	21.94	22
		64QAM	1	0	0	0	1	20.85	21
39750	39948	QPSK	1	0	0	0	1	22.74	23
		16QAM	1	0	0	0	1	21.68	22
		64QAM	1	0	0	0	1	20.77	21
40185	40383	QPSK	1	0	0	0	1	22.51	23
		16QAM	1	0	0	0	1	21.49	22
		64QAM	1	0	0	0	1	20.59	21
40620	40422	QPSK	1	0	0	0	1	22.33	23
		16QAM	1	0	0	0	1	21.26	22
		64QAM	1	0	0	0	1	20.21	21
41055	40857	QPSK	1	0	0	0	1	22.11	23
		16QAM	1	0	0	0	1	21.05	22
		64QAM	1	0	0	0	1	19.93	21
41490	41292	QPSK	1	0	0	0	1	21.87	23
		16QAM	1	0	0	0	1	20.79	22
		64QAM	1	0	0	0	1	19.71	21

Conducted Power

2.4GHz WLAN					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11b 1Mbps	1	2412		13.50
		6	2437		14.50
		11	2462	**15.21**	15.50

5GHz WLAN					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	36	5180		14.00
		40	5200		16.00
		44	5220		16.00
		48	5240	**14.62**	16.00

5GHz WLAN					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	52	5260		16.00
		56	5280		16.00
		60	5300	**15.20**	16.00
		64	5320		16.00

5GHz WLAN					
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	100	5500		15.00
		116	5580		15.00
		124	5620		17.00
		132	5660		17.00
		140	5700		15.00
		144	5720	**16.35**	17.00

5GHz WLAN					
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	149	5745	17.41	18.00
		157	5785	**17.43**	18.00
		165	5825		17.00

BT	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
BR/EDR	GFSK	0	2402		4.00
		39	2441		4.00
		78	2480	**5.02**	6.00

Appendix E. Simultaneous Multi-band Transmission Evaluation

The simultaneous transmission evaluation and analysis is shown as below.

Simultaneous Transmission analysis Head SAR

WWAN Band	Test Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
GSM850	Right Cheek	0.38	0.13	0.62	0.02	**0.51**	**1.02**
	Right Tilted	0.24	0.08	0.58	0.02	**0.31**	**0.84**
	Left Cheek	0.34	0.16	1.24	0.08	**0.50**	**1.66**
	Left Tilted	0.22	0.15	0.74	0.03	**0.38**	**0.99**
GS1900	Right Cheek	0.15	0.13	0.62	0.02	**0.28**	**0.79**
	Right Tilted	0.07	0.08	0.58	0.02	**0.15**	**0.67**
	Left Cheek	0.13	0.16	1.24	0.08	**0.29**	**1.45**
	Left Tilted	0.11	0.15	0.74	0.03	**0.27**	**0.88**
WCDMA II	Right Cheek	0.10	0.13	0.62	0.02	**0.23**	**0.74**
	Right Tilted	0.05	0.08	0.58	0.02	**0.12**	**0.65**
	Left Cheek	0.09	0.16	1.24	0.08	**0.25**	**1.41**
	Left Tilted	0.07	0.15	0.74	0.03	**0.22**	**0.84**
WCDMA IV	Right Cheek	0.12	0.13	0.62	0.02	**0.25**	**0.76**
	Right Tilted	0.10	0.08	0.58	0.02	**0.17**	**0.70**
	Left Cheek	0.12	0.16	1.24	0.08	**0.28**	**1.44**
	Left Tilted	0.09	0.15	0.74	0.03	**0.24**	**0.86**
WCDMA V	Right Cheek	0.53	0.13	0.62	0.02	**0.66**	**1.17**
	Right Tilted	0.31	0.08	0.58	0.02	**0.39**	**0.91**
	Left Cheek	0.33	0.16	1.24	0.08	**0.49**	**1.65**
	Left Tilted	0.31	0.15	0.74	0.03	**0.46**	**1.08**
LTE Band 5	Right Cheek	0.39	0.13	0.62	0.02	**0.52**	**1.03**
	Right Tilted	0.34	0.08	0.58	0.02	**0.42**	**0.94**
	Left Cheek	0.48	0.16	1.24	0.08	**0.64**	**1.80**
	Left Tilted	0.29	0.15	0.74	0.03	**0.45**	**1.06**
LTE Band 7	Right Cheek	0.10	0.13	0.62	0.02	**0.23**	**0.74**
	Right Tilted	0.04	0.08	0.58	0.02	**0.11**	**0.64**
	Left Cheek	0.25	0.16	1.24	0.08	**0.41**	**1.57**
	Left Tilted	0.06	0.15	0.74	0.03	**0.21**	**0.83**
LTE Band 12	Right Cheek	0.24	0.13	0.62	0.02	**0.37**	**0.88**
	Right Tilted	0.18	0.08	0.58	0.02	**0.25**	**0.78**
	Left Cheek	0.34	0.16	1.24	0.08	**0.50**	**1.66**
	Left Tilted	0.22	0.15	0.74	0.03	**0.37**	**0.99**
LTE Band 13	Right Cheek	0.42	0.13	0.62	0.02	**0.55**	**1.06**
	Right Tilted	0.27	0.08	0.58	0.02	**0.35**	**0.87**
	Left Cheek	0.34	0.16	1.24	0.08	**0.50**	**1.66**
	Left Tilted	0.25	0.15	0.74	0.03	**0.41**	**1.02**
LTE Band 14	Right Cheek	0.37	0.13	0.62	0.02	**0.50**	**1.01**
	Right Tilted	0.23	0.08	0.58	0.02	**0.31**	**0.83**
	Left Cheek	0.33	0.16	1.24	0.08	**0.49**	**1.65**
	Left Tilted	0.21	0.15	0.74	0.03	**0.37**	**0.98**
LTE Band 25	Right Cheek	0.15	0.13	0.62	0.02	**0.28**	**0.79**
	Right Tilted	0.04	0.08	0.58	0.02	**0.12**	**0.64**
	Left Cheek	0.10	0.16	1.24	0.08	**0.26**	**1.42**
	Left Tilted	0.07	0.15	0.74	0.03	**0.23**	**0.84**
LTE Band 26	Right Cheek	0.42	0.13	0.62	0.02	**0.55**	**1.06**
	Right Tilted	0.28	0.08	0.58	0.02	**0.35**	**0.88**
	Left Cheek	0.33	0.16	1.24	0.08	**0.49**	**1.65**
	Left Tilted	0.23	0.15	0.74	0.03	**0.38**	**1.00**
LTE Band 30	Right Cheek	0.17	0.13	0.62	0.02	**0.30**	**0.81**
	Right Tilted	0.06	0.08	0.58	0.02	**0.14**	**0.66**
	Left Cheek	0.24	0.16	1.24	0.08	**0.40**	**1.56**
	Left Tilted	0.08	0.15	0.74	0.03	**0.24**	**0.85**
LTE Band 41	Right Cheek	0.06	0.13	0.62	0.02	**0.19**	**0.70**
	Right Tilted	0.04	0.08	0.58	0.02	**0.12**	**0.64**
	Left Cheek	0.16	0.16	1.24	0.08	**0.32**	**1.48**
	Left Tilted	0.050	0.15	0.74	0.03	**0.20**	**0.82**
LTE Band 66	Right Cheek	0.22	0.13	0.62	0.02	**0.35**	**0.86**
	Right Tilted	0.08	0.08	0.58	0.02	**0.16**	**0.68**
	Left Cheek	0.12	0.16	1.24	0.08	**0.28**	**1.44**
	Left Tilted	0.09	0.15	0.74	0.03	**0.24**	**0.86**
LTE Band 71	Right Cheek	0.31	0.13	0.62	0.02	**0.44**	**0.95**
	Right Tilted	0.20	0.08	0.58	0.02	**0.27**	**0.80**
	Left Cheek	0.31	0.16	1.17	0.08	**0.47**	**1.56**
	Left Tilted	0.18	0.15	0.74	0.03	**0.34**	**0.95**

Simultaneous Transmission analysis Body Worn SAR

WWAN Band	Test Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
GSM850	Front	0.20	0.05	0.36	0.02	**0.25**	**0.59**
	Back	0.46	0.07	0.86	0.02	**0.53**	**1.34**
GSM1900	Front	0.68	0.05	0.36	0.02	**0.73**	**1.07**
	Back	1.19	0.07	0.86	0.02	**1.26**	**2.07**
WCDMA II	Front	0.62	0.05	0.36	0.02	**0.67**	**1.01**
	Back	1.15	0.07	0.86	0.02	**1.22**	**2.03**
WCDMA IV	Front	0.46	0.05	0.36	0.02	**0.51**	**0.85**
	Back	1.15	0.07	0.86	0.02	**1.22**	**2.03**
WCDMA V	Front	0.35	0.05	0.36	0.02	**0.40**	**0.74**
	Back	0.58	0.07	0.86	0.02	**0.65**	**1.46**
LTE Band 5	Front	0.33	0.05	0.36	0.02	**0.38**	**0.72**
	Back	0.43	0.07	0.86	0.02	**0.50**	**1.31**
LTE Band 7	Front	0.97	0.05	0.36	0.02	**1.02**	**1.36**
	Back	0.99	0.07	0.86	0.02	**1.06**	**1.87**
LTE Band 12	Front	0.28	0.05	0.36	0.02	**0.33**	**0.67**
	Back	0.39	0.07	0.86	0.02	**0.46**	**1.27**
LTE Band 13	Front	0.25	0.05	0.36	0.02	**0.30**	**0.64**
	Back	0.34	0.07	0.86	0.02	**0.41**	**1.22**
LTE Band 14	Front	0.26	0.05	0.36	0.02	**0.31**	**0.65**
	Back	0.31	0.07	0.86	0.02	**0.38**	**1.20**
LTE Band 25	Front	0.64	0.05	0.36	0.02	**0.69**	**1.03**
	Back	1.06	0.07	0.86	0.02	**1.13**	**1.94**
LTE Band 26	Front	0.30	0.05	0.36	0.02	**0.35**	**0.69**
	Back	0.55	0.07	0.86	0.02	**0.62**	**1.43**
LTE Band 30	Front	0.82	0.05	0.36	0.02	**0.87**	**1.21**
	Back	0.78	0.07	0.86	0.02	**0.85**	**1.66**
LTE Band 41	Front	0.57	0.05	0.36	0.02	**0.62**	**0.96**
	Back	0.60	0.07	0.86	0.02	**0.67**	**1.49**
LTE Band 66	Front	0.43	0.05	0.36	0.02	**0.48**	**0.82**
	Back	1.17	0.07	0.86	0.02	**1.24**	**2.05**
LTE Band 71	Front	0.29	0.05	0.36	0.02	**0.34**	**0.68**
	Back	0.46	0.07	0.86	0.02	**0.53**	**1.35**

Simultaneous Transmission analysis Hotspot SAR

WWAN Band	Test Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
GSM850	Front Face at 1cm	0.20	0.08	0.31	0.02	**0.28**	**0.53**
	Rear Face at 1cm	0.46	0.07	0.71	0.02	**0.53**	**1.18**
	Left Side at 1cm	0.16				**0.16**	**0.16**
	Right Side at 1cm	0.30	0.06	1.06	0.03	**0.36**	**1.39**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.26				**0.26**	**0.26**
GSM900	Front Face at 1cm	0.68	0.08	0.31	0.02	**0.76**	**1.01**
	Rear Face at 1cm	1.19	0.07	0.71	0.02	**1.26**	**1.91**
	Left Side at 1cm	0.09				**0.09**	**0.09**
	Right Side at 1cm	0.16	0.06	1.06	0.03	**0.22**	**1.25**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.71				**0.71**	**0.71**
WCDMA II	Front Face at 1cm	0.62	0.08	0.31	0.02	**0.70**	**0.95**
	Rear Face at 1cm	1.15	0.07	0.71	0.02	**1.22**	**1.87**
	Left Side at 1cm	0.07				**0.07**	**0.07**
	Right Side at 1cm	0.12	0.06	1.06	0.03	**0.18**	**1.21**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.72				**0.72**	**0.72**
WCDMA IV	Front Face at 1cm	0.46	0.08	0.31	0.02	**0.54**	**0.79**
	Rear Face at 1cm	1.15	0.07	0.71	0.02	**1.22**	**1.87**
	Left Side at 1cm	0.06				**0.06**	**0.06**
	Right Side at 1cm	0.12	0.06	1.06	0.03	**0.18**	**1.21**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.64				**0.64**	**0.64**
WCDMA V	Front Face at 1cm	0.35	0.08	0.31	0.02	**0.43**	**0.68**
	Rear Face at 1cm	0.58	0.07	0.71	0.02	**0.65**	**1.30**
	Left Side at 1cm	0.22				**0.22**	**0.22**
	Right Side at 1cm	0.34	0.06	1.06	0.03	**0.40**	**1.43**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.32				**0.32**	**0.32**
LTE Band 5	Front Face at 1cm	0.33	0.08	0.31	0.02	**0.41**	**0.66**
	Rear Face at 1cm	0.43	0.07	0.71	0.02	**0.50**	**1.15**
	Left Side at 1cm	0.20				**0.20**	**0.20**
	Right Side at 1cm	0.35	0.06	1.06	0.03	**0.41**	**1.44**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.33				**0.33**	**0.33**
LTE Band 7	Front Face at 1cm	0.97	0.08	0.31	0.02	**1.05**	**1.30**
	Rear Face at 1cm	1.05	0.07	0.71	0.02	**1.12**	**1.77**
	Left Side at 1cm	0.25				**0.25**	**0.25**
	Right Side at 1cm	0.17	0.06	1.06	0.03	**0.23**	**1.26**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	1.16				**1.16**	**1.16**
LTE Band 12	Front Face at 1cm	0.28	0.08	0.31	0.02	**0.36**	**0.61**
	Rear Face at 1cm	0.39	0.07	0.71	0.02	**0.46**	**1.11**
	Left Side at 1cm	0.28				**0.28**	**0.28**
	Right Side at 1cm	0.43	0.06	1.06	0.03	**0.49**	**1.52**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.14				**0.14**	**0.14**
LTE Band 13	Front Face at 1cm	0.25	0.08	0.31	0.02	**0.33**	**0.58**
	Rear Face at 1cm	0.34	0.07	0.71	0.02	**0.41**	**1.06**
	Left Side at 1cm	0.15				**0.15**	**0.15**
	Right Side at 1cm	0.32	0.06	1.06	0.03	**0.38**	**1.41**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.27				**0.27**	**0.27**

LTE Band 14	Front Face at 1cm	0.26	0.08	0.31	0.02	**0.34**	**0.59**
	Rear Face at 1cm	0.31	0.07	0.71	0.02	**0.38**	**1.03**
	Left Side at 1cm	0.14				**0.14**	**0.14**
	Right Side at 1cm	0.29	0.06	1.06	0.03	**0.35**	**1.38**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.20				**0.20**	**0.20**
LTE Band 25	Front Face at 1cm	0.64	0.08	0.31	0.02	**0.72**	**0.97**
	Rear Face at 1cm	1.06	0.07	0.71	0.02	**1.13**	**1.78**
	Left Side at 1cm	0.07				**0.07**	**0.07**
	Right Side at 1cm	0.12	0.06	1.06	0.03	**0.18**	**1.21**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.77				**0.77**	**0.77**
LTE Band 26	Front Face at 1cm	0.30	0.08	0.31	0.02	**0.38**	**0.63**
	Rear Face at 1cm	0.55	0.07	0.71	0.02	**0.62**	**1.27**
	Left Side at 1cm	0.29				**0.29**	**0.29**
	Right Side at 1cm	0.40	0.06	1.06	0.03	**0.46**	**1.49**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.31				**0.31**	**0.31**
LTE Band 30	Front Face at 1cm	0.82	0.08	0.31	0.02	**0.90**	**1.15**
	Rear Face at 1cm	0.88	0.07	0.71	0.02	**0.95**	**1.60**
	Left Side at 1cm	0.21				**0.21**	**0.21**
	Right Side at 1cm	0.12	0.06	1.06	0.03	**0.18**	**1.21**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.78				**0.78**	**0.78**
LTE Band 41	Front Face at 1cm	0.57	0.08	0.31	0.02	**0.65**	**0.90**
	Rear Face at 1cm	0.60	0.07	0.71	0.02	**0.67**	**1.32**
	Left Side at 1cm	0.17				**0.17**	**0.17**
	Right Side at 1cm	0.09	0.06	1.06	0.03	**0.15**	**1.18**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.63				**0.63**	**0.63**
LTE Band 66	Front Face at 1cm	0.43	0.08	0.31	0.02	**0.51**	**0.76**
	Rear Face at 1cm	1.17	0.07	0.71	0.02	**1.24**	**1.89**
	Left Side at 1cm	0.19				**0.19**	**0.19**
	Right Side at 1cm	0.09	0.06	1.06	0.03	**0.15**	**1.18**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.61				**0.61**	**0.61**
LTE Band 71	Front Face at 1cm	0.29	0.08	0.31	0.02	**0.37**	**0.62**
	Rear Face at 1cm	0.46	0.07	0.71	0.02	**0.53**	**1.18**
	Left Side at 1cm	0.13				**0.13**	**0.13**
	Right Side at 1cm	0.29	0.06	1.06	0.03	**0.35**	**1.38**
	Top Side at 1cm		0.04	0.15	0.01	**0.04**	**0.16**
	Bottom Side at 1cm	0.16				**0.16**	**0.16**

Simultaneous Transmission analysis Extremity SAR

WWAN Band	Test Position	1	2	3	4	1+2 Summed 10g SAR (W/kg)	1+3+4 Summed 10g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth		
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)		
LTE Band 7	Front Face at 0cm			0.54		**0.00**	**0.54**
	Rear Face at 0cm			1.03		**0.00**	**1.03**
	Right Side at 0cm			1.96		**0.00**	**1.96**
	Top Side at 0cm			0.23		**0.00**	**0.23**
	Bottom Side at 0cm	2.15				**2.15**	**2.15**

Appendix F. Photographs of EUT and SAR Setup