

BT UL-MIMO (Ant 7+14) Head

SISO Ant7 Plimit (dBm)	18.3	SISO Ant7 Pmax (dBm)	12.8
SISO Ant14 Plimit (dBm)	16.6	SISO Ant14 Pmax (dBm)	14.3
Ptest (dBm)	12.8	Total uncertainty (dB)	2.0
SAR design target (W/kg)	0.69	Back off	0
Measured MIMO Ptest (dBm)	12.80	Measured MIMO SAR at max. Ptest (W/kg)	0.167
Reported SAR _{MIMO}	0.265	Calc. SAR	0.764

BT UL-MIMO (Ant 7+14)Body-worn

SISO Ant7 Plimit (dBm)	20.1	SISO Ant7 Pmax (dBm)	12.8
SISO Ant14 Plimit (dBm)	20.3	SISO Ant14 Pmax (dBm)	14.3
Ptest (dBm)	12.8	Total uncertainty (dB)	2.0
SAR design target (W/kg)	0.69	Back off	0
Measured MIMO Ptest (dBm)	12.80	Measured MIMO SAR at max. Ptest (W/kg)	0.122
Reported SAR _{MIMO}	0.193	Calc. SAR	0.398

BT UL-MIMO (Ant 7+14) Hotspot

SISO Ant7 Plimit (dBm)	21.0	SISO Ant7 Pmax (dBm)	12.8
SISO Ant14 Plimit (dBm)	21.4	SISO Ant14 Pmax (dBm)	14.3
Ptest (dBm)	12.8	Total uncertainty (dB)	2.0
SAR design target (W/kg)	0.69	Back off	0
Measured MIMO Ptest (dBm)	12.80	Measured MIMO SAR at max. Ptest (W/kg)	0.131
Reported SAR _{MIMO}	0.208	Calc. SAR	0.316

N7 UL-MIMO (Ant4+7) Head

SISO Ant4 Plimit (dBm)	16.5	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	19.0	SISO Ant7 Pmax (dBm)	22.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at mass Ptest (W/kg)	0.710
Reported SAR _{MIMO}	1.003	Calc.SAR	1.721

N7 UL-MIMO (Ant4+7) Body-worn

SISO Ant4 Plimit (dBm)	19.5	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	19.5	SISO Ant7 Pmax (dBm)	22.5
Ptest (dBm)	19.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	19.50	Measured MIMO SAR at mass Ptest (W/kg)	0.888
Reported SAR _{MIMO}	1.254	Calc.SAR	2.204

N7 UL-MIMO (Ant4+7) Hotspot

SISO Ant4 Plimit (dBm)	16.5	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	19.0	SISO Ant7 Pmax (dBm)	22.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at mass Ptest (W/kg)	0.271
Reported SAR _{MIMO}	0.383	Calc.SAR	1.721

N7 UL-MIMO (Ant5+7) Head

SISO Ant5 Plimit (dBm)	17.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	19.0	SISO Ant7 Pmax (dBm)	22.5
Ptest (dBm)	17.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.50	Measured MIMO SAR at mass Ptest (W/kg)	0.694
Reported SAR _{MIMO}	0.980	Calc.SAR	1.882

N7 UL-MIMO (Ant5+7) Body-worn

SISO Ant5 Plimit (dBm)	18.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	19.5	SISO Ant7 Pmax (dBm)	22.5
Ptest (dBm)	18.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at mass Ptest (W/kg)	0.645
Reported SAR _{MIMO}	0.911	Calc.SAR	1.977

N7 UL-MIMO (Ant5+7) Hotspot

SISO Ant5 Plimit (dBm)	17.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	19.0	SISO Ant7 Pmax (dBm)	22.5
Ptest (dBm)	17.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.50	Measured MIMO SAR at mass Ptest (W/kg)	0.389
Reported SAR _{MIMO}	0.549	Calc.SAR	1.882

N41 PC3 UL-MIMO (Ant4+7) Head

SISO Ant4 Plimit (dBm)	16.0	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	19.6	SISO Ant7 Pmax (dBm)	23.6
Ptest (dBm)	16.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.00	Measured MIMO SAR at mass Ptest (W/kg)	0.770
Reported SAR _{MIMO}	1.088	Calc.SAR	1.583

N41 PC2 UL-MIMO (Ant4+7) Head

SISO Ant4 Plimit (dBm)	16.0	SISO Ant4 Pmax (dBm)	23.0
SISO Ant7 Plimit (dBm)	19.6	SISO Ant7 Pmax (dBm)	21.7
Ptest (dBm)	16.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.00	Measured MIMO SAR at mass Ptest (W/kg)	0.659
Reported SAR _{MIMO}	0.931	Calc.SAR	1.583

N41 PC3 UL-MIMO (Ant4+7) Body-worn

SISO Ant4 Plimit (dBm)	17.0	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	20.1	SISO Ant7 Pmax (dBm)	23.6
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.527
Reported SAR _{MIMO}	0.744	Calc.SAR	1.641

N41 PC2 UL-MIMO (Ant4+7) Body-worn

SISO Ant4 Plimit (dBm)	17.0	SISO Ant4 Pmax (dBm)	23.0
SISO Ant7 Plimit (dBm)	20.1	SISO Ant7 Pmax (dBm)	21.7
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.486
Reported SAR _{MIMO}	0.686	Calc.SAR	1.641

N41 PC3 UL-MIMO (Ant4+7) Hotspot

SISO Ant4 Plimit (dBm)	23.0	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	20.1	SISO Ant7 Pmax (dBm)	23.6
Ptest (dBm)	20.1	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	20.10	Measured MIMO SAR at mass Ptest (W/kg)	0.263
Reported SAR _{MIMO}	0.371	Calc.SAR	1.667

N41 PC2 UL-MIMO (Ant4+7) Hotspot

SISO Ant4 Plimit (dBm)	23.0	SISO Ant4 Pmax (dBm)	23.0
SISO Ant7 Plimit (dBm)	20.1	SISO Ant7 Pmax (dBm)	21.7
Ptest (dBm)	20.1	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	20.10	Measured MIMO SAR at mass Ptest (W/kg)	0.212
Reported SAR _{MIMO}	0.299	Calc.SAR	1.667

N41 PC3 UL-MIMO (Ant5+7) Head

SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	19.6	SISO Ant7 Pmax (dBm)	23.6
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.644
Reported SAR _{MIMO}	0.910	Calc.SAR	1.707

N41 PC2 UL-MIMO (Ant5+7) Head

SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	23.0
SISO Ant7 Plimit (dBm)	19.6	SISO Ant7 Pmax (dBm)	21.7
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.659
Reported SAR _{MIMO}	0.931	Calc.SAR	1.707

N41 PC3 UL-MIMO (Ant5+7) Body-worn

SISO Ant5 Plimit (dBm)	18.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	20.1	SISO Ant7 Pmax (dBm)	23.6
Ptest (dBm)	18.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at mass Ptest (W/kg)	0.708
Reported SAR _{MIMO}	1.000	Calc.SAR	1.864

N41 PC2 UL-MIMO (Ant5+7) Body-worn

SISO Ant5 Plimit (dBm)	18.5	SISO Ant5 Pmax (dBm)	23.0
SISO Ant7 Plimit (dBm)	20.1	SISO Ant7 Pmax (dBm)	21.7
Ptest (dBm)	18.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at mass Ptest (W/kg)	0.687
Reported SAR _{MIMO}	0.970	Calc.SAR	1.864

N41 PC3 UL-MIMO (Ant5+7) Hotspot

SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	19.6	SISO Ant7 Pmax (dBm)	23.6
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.358
Reported SAR _{MIMO}	0.506	Calc.SAR	1.707

N41 PC2 UL-MIMO (Ant5+7) Hotspot

SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	23.0
SISO Ant7 Plimit (dBm)	19.6	SISO Ant7 Pmax (dBm)	21.7
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.358
Reported SAR _{MIMO}	0.506	Calc.SAR	1.707

N77 Part27Q PC3 UL-MIMO (Ant4+10) Head

SISO Ant4 Plimit (dBm)	13.5	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	31.9	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	13.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.596
Reported SAR _{MIMO}	0.700	Calc.SAR	1.120

N77 Part27Q PC2 UL-MIMO (Ant4+10) Head

SISO Ant4 Plimit (dBm)	13.5	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	31.9	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.606
Reported SAR _{MIMO}	0.856	Calc.SAR	1.118

N77 Part27Q PC3 UL-MIMO (Ant4+10) Body-worn

SISO Ant4 Plimit (dBm)	18.0	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	16.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at mass Ptest (W/kg)	0.724
Reported SAR _{MIMO}	0.851	Calc.SAR	1.886

N77 Part27Q PC2 UL-MIMO (Ant4+10) Body-worn

SISO Ant4 Plimit (dBm)	18.0	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at mass Ptest (W/kg)	0.631
Reported SAR _{MIMO}	0.891	Calc.SAR	1.882

N77 Part27Q PC3 UL-MIMO (Ant4+10) Hotspot

SISO Ant4 Plimit (dBm)	13.5	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	13.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.144
Reported SAR _{MIMO}	0.169	Calc.SAR	1.658

N77 Part27Q PC2 UL-MIMO (Ant4+10) Hotspot

SISO Ant4 Plimit (dBm)	13.5	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.144
Reported SAR _{MIMO}	0.203	Calc.SAR	1.654

N77 Part27Q PC3 UL-MIMO (Ant4+19) Head

SISO Ant5 Plimit (dBm)	13.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	13.5	Total uncertainty (dB)	1.2
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.635
Reported SAR _{MIMO}	0.837	Calc.SAR	1.467

N77 Part27Q PC2 UL-MIMO (Ant4+19) Head

SISO Ant5 Plimit (dBm)	13.5	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.625
Reported SAR _{MIMO}	0.883	Calc.SAR	1.572

N77 Part27Q PC3 UL-MIMO (Ant4+19) Body-worn

SISO Ant5 Plimit (dBm)	18.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	17.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.20	Measured MIMO SAR at mass Ptest (W/kg)	0.739
Reported SAR _{MIMO}	1.044	Calc.SAR	2.018

N77 Part27Q PC2 UL-MIMO (Ant4+19) Body-worn

SISO Ant5 Plimit (dBm)	18.0	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	17.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.20	Measured MIMO SAR at mass Ptest (W/kg)	0.763
Reported SAR _{MIMO}	1.078	Calc.SAR	2.018

N77 Part27Q PC3 UL-MIMO (Ant4+19) Hotspot

SISO Ant5 Plimit (dBm)	13.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.161
Reported SAR _{MIMO}	0.227	Calc.SAR	1.572

N77 Part27Q PC2 UL-MIMO (Ant4+19) Hotspot

SISO Ant5 Plimit (dBm)	13.5	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.154
Reported SAR _{MIMO}	0.218	Calc.SAR	1.572

N77 Part27Q PC3 UL-MIMO (Ant#5+10) Head			
SISO Ant4 Plimit (dBm)	17.0	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	31.9	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	17.0	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at max. Ptest (W/kg)	0.743
Reported SAR _{MIMO}	0.873	Calc. SAR	1.140

N77 Part27Q PC3 UL-MIMO (Ant5+19) Head			
SISO Ant5 Pilmit (dBm)	17.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Pilmit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	17.0	Total uncertainty (dB)	1.2
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.733
Reported SAR _{MIMO}	0.966	Calc.SAR	2.010

N77 Part270 PC3 UL-MIMO (Ant4+10) Head			
SISO Ant4 P1mit (dBm)	13.5	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 P1mit (dBm)	31.9	SISO Ant7 Pmax (dBm)	25.0
P1est (dBm)	13.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO P1est (dBm)	13.50	Measured MIMO SAR at max. P1est (W/kg)	0.332
Reported SAR _{MIMO}	0.390	Calc. SAR	1.120

N77 Part27Q PC2 UL-MIMO (Ant5+10) Head			
SISO Ant4 Plimit (dBm)	17.0	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	31.9	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at m_{SAR} Ptest [W/kg]	0.737
Reported SAR _{MIMO}	1.041	Calc.SAR	1.137

N77 Part27Q PC2 UL-MIMO (Ant5+19) Head			
SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.725
Reported SAR _{MIMO}	1.024	Calc. SAR	2.154

N77 Part270 PC2 LU-MIMO (Ant4+10) Head			
SISO Ant4 P _{limit} (dBm)	13.5	SISO Ant4 P _{max} (dBm)	24.0
SISO Ant7 P _{limit} (dBm)	31.9	SISO Ant7 P _{max} (dBm)	24.0
P _{test} (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO P _{test} (dBm)	13.50	Measured MIMO SAR at meas. P _{test} (W/kg)	0.336
Reported SAR _{MIMO}	0.475	Calc. SAR	1.118

N77 Part27Q PC3 UL-MIMO (Ant5+10) Body-worn			
SISO Ant4 Pimit (dBm)	18.5	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Pimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	16.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at max. Ptest (W/kg)	0.702
Reported SAR _{MIMO}	0.825	Calc. SAR	1.801

N77 Part27Q3 PC3 UL-MIMO (Ants+19) Body-worn			
SISO Ant5 Plimit (dBm)	18.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	17.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.20	Measured MIMO SAR at max. Ptest (W/kg)	0.684
Reported SAR _{MIMO}	0.966	Calc. SAR	1.919

N77 Part270 PC3 UL-MIMO (Ant4+10) Body-worn			
SISO Ant4 Plimit (dBm)	18.0	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	16.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at max. Ptest (W/kg)	0.308
Reported SAR _{MIMO}	0.362	Calc. SAR	1.886

N77 Part2/72 PC2 UL-MIMO (Ant5+10) Body-worn			
SISO Ant4 Pimit (dBm)	18.5	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Pimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at m_{max}	0.660
Reported SAR _{MIMO}	0.932	Calc. SAR	1.797

N77 Part27Q2 PC UL-MIMO (Ant5+19) Body-worn			
SISO Ant5 Plimit (dBm)	18.5	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	17.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.795
Reported SAR _{MIMO}	1.123	Calc. SAR	1.919

N77 Part270 PC2 UL-MIMO (Ant4+10) Body-worn			
SISO Ant4 P1mit (dBm)	18.0	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 P1mit (dBm)	16.5	SISO Ant7 Pmax (dBm)	24.0
P1est (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO P1est (dBm)	16.50	Measured MIMO SAR at meas. P1est (W/kg)	0.269
Reported SAR _{MIMO}	0.408	Calc. SAR	1.882

N77 Part27Q PC3 UL-MIMO (Ant5+10) Hotspot			
SISO Ant4 P1mit (dBm)	17.0	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 P1mit (dBm)	16.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	16.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.363
Reported SAR _{MIMO}	0.426	Calc. SAR	2.089

N77 Part27Q PC3 UL-MIMO (Ant5+19) Hotspot			
SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO SAR (dBm)	17.00	Measured MIMO SAR at max. Ptest (W/kg)	0.385
Reported SAR _{MIMO}	0.544	Calc. SAR	2.154

SISO Ant4 P1mit (dBm)	13.5	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 P1mit (dBm)	16.5	SISO Ant7 Pmax (dBm)	25.0
P1est (dBm)	13.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO SAR (dBm)	13.50	Measured MIMO SAR at max. P1est (W/kg)	0.110
Reported SAR _{MIMO}	0.129	Calc. SAR	1.658

N77 Part27Q PC2 UL-MIMO (Ant5+10) Hotspot			
SISO Ant4 Plimit (dBm)	17.0	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured Reported SAR (dBm)	16.50	Measured MIMO SAR at max. Ptest (W/kg)	0.358
Reported SAR _{MIMO}	0.506	Calc. SAR	2.084

SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.352
Reported SAR _{MIMO}	0.497	Calc. SAR	2.154

N77 Part270 PC2 UL-MIMO (Ant4+10) Hotspot			
SISO Ant4 Plimit (dBm)	13.5	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass. Ptest (W/kg)	0.103
Reported SAR _{MIMO}	0.145	Calc. SAR	1.654

N77 Part270 PC3 UL-MIMO (Ant4+19) Head

SISO Ant5 Plimit (dBm)	13.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	13.5	Total uncertainty (dB)	1.2
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.341
Reported SAR _{MIMO}	0.450	Calc.SAR	1.467

N77 Part270 PC2 UL-MIMO (Ant4+19) Head

SISO Ant5 Plimit (dBm)	13.5	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.336
Reported SAR _{MIMO}	0.475	Calc.SAR	1.572

N77 Part270 PC3 UL-MIMO (Ant4+19) Body-worn

SISO Ant5 Plimit (dBm)	18.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	17.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.20	Measured MIMO SAR at mass Ptest (W/kg)	0.646
Reported SAR _{MIMO}	0.912	Calc.SAR	2.018

N77 Part270 PC2 UL-MIMO (Ant4+19) Body-worn

SISO Ant5 Plimit (dBm)	18.0	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	17.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.20	Measured MIMO SAR at mass Ptest (W/kg)	0.574
Reported SAR _{MIMO}	0.811	Calc.SAR	2.018

N77 Part270 PC3 UL-MIMO (Ant4+19) Hotspot

SISO Ant5 Plimit (dBm)	13.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.137
Reported SAR _{MIMO}	0.194	Calc.SAR	1.572

N77 Part270 PC2 UL-MIMO (Ant4+19) Hotspot

SISO Ant5 Plimit (dBm)	13.5	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	13.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.50	Measured MIMO SAR at mass Ptest (W/kg)	0.128
Reported SAR _{MIMO}	0.181	Calc.SAR	1.572

N77 Part270 PC3 UL-MIMO (Ant5+10) Head

SISO Ant4 Plimit (dBm)	17.0	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	31.9	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	17.0	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.587
Reported SAR _{MIMO}	0.690	Calc.SAR	1.140

N77 Part270 PC2 UL-MIMO (Ant5+10) Head

SISO Ant4 Plimit (dBm)	17.0	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	31.9	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.587
Reported SAR _{MIMO}	0.829	Calc.SAR	1.137

N77 Part270 PC3 UL-MIMO (Ant5+10) Body-worn

SISO Ant4 Plimit (dBm)	18.5	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	16.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at mass Ptest (W/kg)	0.374
Reported SAR _{MIMO}	0.439	Calc.SAR	1.801

N77 Part270 PC2 UL-MIMO (Ant5+10) Body-worn

SISO Ant4 Plimit (dBm)	18.5	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at mass Ptest (W/kg)	0.482
Reported SAR _{MIMO}	0.681	Calc.SAR	1.797

N77 Part270 PC3 UL-MIMO (Ant5+10) Hotspot

SISO Ant4 Plimit (dBm)	17.0	SISO Ant4 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	16.5	Total uncertainty (dB)	0.7
SAR design target (W/kg)	0.94	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at mass Ptest (W/kg)	0.345
Reported SAR _{MIMO}	0.405	Calc.SAR	2.089

N77 Part270 PC2 UL-MIMO (Ant5+10) Hotspot

SISO Ant4 Plimit (dBm)	17.0	SISO Ant4 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	16.5	SISO Ant7 Pmax (dBm)	24.0
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at mass Ptest (W/kg)	0.347
Reported SAR _{MIMO}	0.490	Calc.SAR	2.084

N77 Part270 PC3 UL-MIMO (Ant5+19) Head

SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	17.0	Total uncertainty (dB)	1.2
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.565
Reported SAR _{MIMO}	0.745	Calc.SAR	2.010

N77 Part270 PC2 UL-MIMO (Ant5+19) Head

SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.583
Reported SAR _{MIMO}	0.824	Calc.SAR	2.154

N77 Part270 PC3 UL-MIMO (Ant5+19) Body-worn

SISO Ant5 Plimit (dBm)	18.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	17.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.20	Measured MIMO SAR at mass Ptest (W/kg)	0.767
Reported SAR _{MIMO}	1.083	Calc.SAR	1.919

N77 Part270 PC2 UL-MIMO (Ant5+19) Body-worn

SISO Ant5 Plimit (dBm)	18.5	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	17.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.20	Measured MIMO SAR at mass Ptest (W/kg)	0.678
Reported SAR _{MIMO}	0.958	Calc.SAR	1.919

N77 Part270 PC3 UL-MIMO (Ant5+19) Hotspot

SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	24.2
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.385
Reported SAR _{MIMO}	0.544	Calc.SAR	2.154

N77 Part270 PC2 UL-MIMO (Ant5+19) Hotspot

SISO Ant5 Plimit (dBm)	17.0	SISO Ant5 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	17.2	SISO Ant7 Pmax (dBm)	23.4
Ptest (dBm)	17.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.00	Measured MIMO SAR at mass Ptest (W/kg)	0.379
Reported SAR _{MIMO}	0.535	Calc.SAR	2.154

Head SAR Test																
Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	DASY SAR									
							Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 7+14	Head Standalone	78	2480	15.27	17.00	1.489	76.68	1.086	0.08	0.115	0.186
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 7+14	Head Standalone	78	2480	15.27	17.00	1.489	76.68	1.086	0.01	0.000	0.000
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 7+14	Head Standalone	78	2480	15.27	17.00	1.489	76.68	1.086	0.03	0.167	0.270
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 7+14	Head Standalone	78	2480	15.27	17.00	1.489	76.68	1.086	-0.08	0.081	0.131
	Bluetooth	1Mbps	Front	10mm	Ant 7+14	Hotspot	78	2480	15.27	17.00	1.489	76.68	1.086	-0.08	0.000	0.000
	Bluetooth	1Mbps	Back	10mm	Ant 7+14	Hotspot	78	2480	15.27	17.00	1.489	76.68	1.086	0.1	0.046	0.074
	Bluetooth	1Mbps	Left Side	10mm	Ant 7+14	Hotspot	78	2480	15.27	17.00	1.489	76.68	1.086	-0.18	0.000	0.000
	Bluetooth	1Mbps	Right Side	10mm	Ant 7+14	Hotspot	78	2480	15.27	17.00	1.489	76.68	1.086	0.1	0.191	0.312
	Bluetooth	1Mbps	Top Side	10mm	Ant 7+14	Hotspot	78	2480	15.27	17.00	1.489	76.68	1.086	0.12	0.000	0.000
	Bluetooth	1Mbps	Bottom Side	10mm	Ant 7+14	Hotspot	78	2480	15.27	17.00	1.489	76.68	1.086	0.08	0.000	0.000
	Bluetooth	1Mbps	Front	5mm	Ant 7+14	Body-worn Standalone	78	2480	15.27	17.00	1.489	76.68	1.086	-0.17	0.066	0.107
	Bluetooth	1Mbps	Back	5mm	Ant 7+14	Body-worn Standalone	78	2480	15.27	17.00	1.489	76.68	1.086	-0.03	0.000	0.000
	Bluetooth	1Mbps	Back1	5mm	Ant 7+14	Body-worn Standalone	78	2480	15.27	17.00	1.489	76.68	1.086	0.14	0.122	0.197

Head SAR Test																				DASY SAR			
Ptot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq (MHz)	Average Power (dBm)	Time-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)		
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 4+7(7)	507000	2535	19.22	20.50	1.343	1.000	0.08	0.686	0.921	0.328	0.441			
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Cheek	0mm	Ant 4+7(7)	507000	2535	19.19	20.50	1.352	1.000	0.01	0.671	0.907	0.316	0.427			
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 4+7(7)	507000	2535	19.16	20.50	1.361	1.000	0.00	0.660	0.899	0.307	0.445			
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 4+7(7)	507000	2535	19.22	20.50	1.343	1.000	0.03	0.664	0.892	0.305	0.410			
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Tilted	0mm	Ant 4+7(7)	507000	2535	19.19	20.50	1.352	1.000	-0.08	0.675	0.913	0.306	0.414			
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Right Tilted	0mm	Ant 4+7(7)	507000	2535	19.16	20.50	1.361	1.000	0.01	0.710	0.966	0.319	0.434			
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 4+7(7)	507000	2535	19.22	20.50	1.343	1.000	-0.08	0.363	0.488	0.186	0.250			
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Cheek	0mm	Ant 4+7(7)	507000	2535	19.19	20.50	1.352	1.000	0.1	0.350	0.473	0.174	0.225			
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 4+7(7)	507000	2535	19.22	20.50	1.343	1.000	-0.18	0.363	0.488	0.192	0.258			
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Tilted	0mm	Ant 4+7(7)	507000	2535	19.19	20.50	1.352	1.000	0.1	0.337	0.456	0.170	0.230			
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 5+7(7)	507000	2535	19.22	20.50	1.343	1.000	0.12	0.684	0.892	0.314	0.422			
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Cheek	0mm	Ant 5+7(7)	507000	2535	19.19	20.50	1.352	1.000	0.08	0.684	0.938	0.323	0.437			
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 5+7(7)	507000	2535	19.16	20.50	1.361	1.000	0.08	0.668	0.936	0.323	0.440			
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 5+7(7)	507000	2535	19.22	20.50	1.343	1.000	-0.17	0.242	0.325	0.116	0.156			
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Tilted	0mm	Ant 5+7(7)	507000	2535	19.19	20.50	1.352	1.000	-0.03	0.276	0.373	0.130	0.176			
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 5+7(7)	507000	2535	19.22	20.50	1.343	1.000	0.14	0.191	0.257	0.098	0.132			
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Cheek	0mm	Ant 5+7(7)	507000	2535	19.19	20.50	1.352	1.000	0.11	0.321	0.434	0.154	0.208			
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 5+7(7)	507000	2535	19.22	20.50	1.343	1.000	-0.05	0.099	0.133	0.048	0.064			
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Tilted	0mm	Ant 5+7(7)	507000	2535	19.19	20.50	1.352	1.000	0.18	0.138	0.187	0.068	0.092			
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+7(7)	518598	2592.99	19.72	21.10	1.374	1.000	0.14	0.770	1.058	0.363	0.499			
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+7(7)	518598	2592.99	19.68	21.10	1.387	1.000	-0.17	0.636	0.882	0.298	0.413			
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+7(7)	518598	2592.99	19.65	21.10	1.396	1.000	-0.17	0.650	0.907	0.303	0.423			
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+7(7)	518598	2592.99	19.72	21.10	1.374	1.000	0.17	0.761	1.077	0.362	0.479			
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+7(7)	518598	2592.99	19.68	21.10	1.387	1.000	-0.05	0.621	0.861	0.282	0.391			
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+7(7)	518598	2592.99	19.65	21.10	1.396	1.000	-0.17	0.634	0.885	0.285	0.398			
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+7(7)	518598	2592.99	19.72	21.10	1.374	1.000	0.01	0.410	0.563	0.200	0.275			
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+7(7)	518598	2592.99	19.68	21.10	1.387	1.000	0.1	0.366	0.508	0.179	0.248			
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+7(7)	518598	2592.99	19.72	21.10	1.374	1.000	-0.17	0.413	0.567	0.203	0.279			
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+7(7)	518598	2592.99	19.68	21.10	1.387	1.000	-0.08	0.499	0.626	0.201	0.280			
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+7(7)	518598	2592.99	22.73	24.10	1.371	50	1.000	-0.01	0.659	0.903	0.311	0.426		
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5+7(7)	518598	2592.99	19.72	21.10	1.374	1.000	-0.08	0.619	0.851	0.292	0.401			
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5+7(7)	518598	2592.99	19.68	21.10	1.387	1.000	0.05	0.636	0.882	0.295	0.409			
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5+7(7)	518598	2592.99	19.65	21.10	1.396	1.000	0.05	0.644	0.899	0.300	0.419			
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5+7(7)	518598	2592.99	19.72	21.10	1.374	1.000	0.06	0.228	0.313	0.111	0.153			
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5+7(7)	518598	2592.99	19.68	21.10	1.387	1.000	-0.09	0.274	0.380	0.129	0.179			
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5+7(7)	518598	2592.99	19.72	21.10	1.374	1.000	-0.08	0.294	0.404	0.141	0.194			
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5+7(7)	518598	2592.99	19.68	21.10	1.387	1.000	0.13	0.267	0.370	0.126	0.175			
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5+7(7)	518598	2592.99	19.72	21.10	1.374	1.000	0.12	0.112	0.154	0.055	0.076			
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5+7(7)	518598	2592.99	19.68	21.10	1.387	1.000	0.03	0.122	0.169	0.062	0.086			
	FR1 n41 HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5+7(7)	518598	2592.99	22.69	24.10	1.384	50	1.000	0.07	0.606	0.802	0.254	0.336		
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+10(4)	633332	3499.98	13.75	14.20	1.109	1.000	0.16	0.596	0.661	0.254	0.282			
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+10(4)	633332	3499.98	13.73	14.20	1.114	1.000	-0.1	0.566	0.631	0.240	0.267			
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+10(4)	633332	3499.98	13.69	14.20	1.126	1.000	-0.1	0.561	0.631	0.236	0.266			
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+10(4)	633332	3499.98	13.75	14.20	1.109	1.000	0.07	0.505	0.560	0.209	0.232			
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4+10(4)	633332	3499.98	13.73	14.20	1.114	1.000	0.18	0.499	0.556	0.201	0.224			
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+10(4)	633332	3499.98	13.75	14.20	1.109	1.000	-0.1	0.310	0.344	0.138	0.153			
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4+10(4)	633332	3499.98	13.73	14.20	1.114	1.000	0.01	0.281	0.313	0.126	0.140			
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+10(4)	633332	3499.98	13.75	14.20	1.109	1.000	-0.15	0.289	0.321	0.131	0.145			
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4+10(4)	633332	3499.98	13.73	14.20	1.114	1.000	0.19	0.284	0.294	0.120	0.134			
	FR1 n77 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4+10(4)	633332	3499.98	16.78	18.00	1.324	50	1.000	0.07	0.606	0.802	0.			

Hotspot/SAR Test

Pilot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	DASY SAR			
																		Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
FR1 n7	50M	QPSK	1	1		DFT-SCS-15KHz	Front	10mm	Ant 4+7(T)	507000	2535	19.22	20.50	1.343		1.000	0.08	0.122	0.164	0.062	0.083
	50M	QPSK	135	68		DFT-SCS-15KHz	Front	10mm	Ant 4+7(T)	507000	2535	19.19	20.50	1.352		1.000	-0.01	0.118	0.160	0.058	0.078
	50M	QPSK	1	1		DFT-SCS-15KHz	Back	10mm	Ant 4+7(T)	507000	2535	19.23	20.50	1.343		1.000	0.03	0.157	0.203	0.081	0.115
	50M	QPSK	135	68		DFT-SCS-15KHz	Back	10mm	Ant 4+7(T)	507000	2535	19.19	20.50	1.352		1.000	-0.08	0.190	0.257	0.092	0.124
	50M	QPSK	1	1		DFT-SCS-15KHz	Left Side	10mm	Ant 4+7(T)	507000	2535	19.22	20.50	1.343		1.000	-0.08	0.060	0.081	0.030	0.040
	50M	QPSK	135	68		DFT-SCS-15KHz	Left Side	10mm	Ant 4+7(T)	507000	2535	19.19	20.50	1.352		1.000	-0.1	0.065	0.088	0.032	0.043
	50M	QPSK	1	1		DFT-SCS-15KHz	Right Side	10mm	Ant 4+7(T)	507000	2535	19.22	20.50	1.343		1.000	-0.18	0.099	0.133	0.050	0.067
	50M	QPSK	135	68		DFT-SCS-15KHz	Right Side	10mm	Ant 4+7(T)	507000	2535	19.19	20.50	1.352		1.000	-0.1	0.163	0.220	0.082	0.111
	50M	QPSK	1	1		DFT-SCS-15KHz	Top Side	10mm	Ant 4+7(T)	507000	2535	19.22	20.50	1.343		1.000	0.12	0.271	0.354	0.134	0.180
	50M	QPSK	135	68		DFT-SCS-15KHz	Top Side	10mm	Ant 4+7(T)	507000	2535	19.19	20.50	1.352		1.000	0.08	0.238	0.322	0.119	0.161
FR1 n7	50M	QPSK	1	1		DFT-SCS-15KHz	Front	10mm	Ant 5+7(T)	507000	2535	19.22	20.50	1.343		1.000	-0.17	0.159	0.214	0.075	0.101
	50M	QPSK	135	68		DFT-SCS-15KHz	Front	10mm	Ant 5+7(T)	507000	2535	19.19	20.50	1.352		1.000	-0.03	0.166	0.224	0.079	0.107
	50M	QPSK	1	1		DFT-SCS-15KHz	Back	10mm	Ant 5+7(T)	507000	2535	19.23	20.50	1.343		1.000	0.14	0.216	0.290	0.100	0.134
	50M	QPSK	135	68		DFT-SCS-15KHz	Back	10mm	Ant 5+7(T)	507000	2535	19.19	20.50	1.352		1.000	-0.11	0.225	0.304	0.109	0.147
	50M	QPSK	1	1		DFT-SCS-15KHz	Left Side	10mm	Ant 5+7(T)	507000	2535	19.22	20.50	1.343		1.000	-0.05	0.375	0.504	0.170	0.228
	50M	QPSK	135	68		DFT-SCS-15KHz	Left Side	10mm	Ant 5+7(T)	507000	2535	19.19	20.50	1.352		1.000	0.18	0.389	0.526	0.184	0.249
	50M	QPSK	1	1		DFT-SCS-15KHz	Right Side	10mm	Ant 5+7(T)	507000	2535	19.22	20.50	1.343		1.000	0.14	0.125	0.168	0.061	0.082
	50M	QPSK	135	68		DFT-SCS-15KHz	Right Side	10mm	Ant 5+7(T)	507000	2535	19.19	20.50	1.352		1.000	-0.17	0.196	0.265	0.096	0.130
	50M	QPSK	1	1		DFT-SCS-15KHz	Top Side	10mm	Ant 5+7(T)	507000	2535	19.22	20.50	1.343		1.000	0.17	0.044	0.059	0.023	0.031
	50M	QPSK	135	68		DFT-SCS-15KHz	Top Side	10mm	Ant 5+7(T)	507000	2535	19.19	20.50	1.352		1.000	-0.05	0.048	0.065	0.025	0.034
FR1 n41	100M	QPSK	1	1		DFT-SCS-30KHz	Front	10mm	Ant 4+7(T)	518598	2592	19.72	21.10	1.374		1.000	0.01	0.140	0.192	0.067	0.092
	100M	QPSK	135	69		DFT-SCS-30KHz	Front	10mm	Ant 4+7(T)	518598	2592	19.68	21.10	1.387		1.000	-0.1	0.119	0.165	0.060	0.083
	100M	QPSK	1	1		DFT-SCS-30KHz	Back	10mm	Ant 4+7(T)	518598	2592	19.72	21.10	1.374		1.000	0.03	0.167	0.232	0.078	0.108
	100M	QPSK	135	69		DFT-SCS-30KHz	Back	10mm	Ant 4+7(T)	518598	2592	19.68	21.10	1.387		1.000	0.04	0.177	0.245	0.090	0.125
	100M	QPSK	1	1		DFT-SCS-30KHz	Left Side	10mm	Ant 4+7(T)	518598	2592	19.72	21.10	1.374		1.000	-0.01	0.074	0.102	0.037	0.051
	100M	QPSK	135	69		DFT-SCS-30KHz	Left Side	10mm	Ant 4+7(T)	518598	2592	19.68	21.10	1.387		1.000	-0.08	0.072	0.100	0.036	0.050
	100M	QPSK	1	1		DFT-SCS-30KHz	Right Side	10mm	Ant 4+7(T)	518598	2592	19.72	21.10	1.374		1.000	0.05	0.176	0.242	0.087	0.120
	100M	QPSK	135	69		DFT-SCS-30KHz	Right Side	10mm	Ant 4+7(T)	518598	2592	19.68	21.10	1.387		1.000	0.06	0.164	0.234	0.095	0.134
	100M	QPSK	1	1		DFT-SCS-30KHz	Top Side	10mm	Ant 4+7(T)	518598	2592	19.72	21.10	1.374		1.000	0.09	0.263	0.350	0.128	0.176
	100M	QPSK	135	69		DFT-SCS-30KHz	Top Side	10mm	Ant 4+7(T)	518598	2592	19.68	21.10	1.387		1.000	-0.08	0.227	0.315	0.111	0.154
FR1 n41 HPUE	100M	QPSK	1	1		DFT-SCS-30KHz	Top Side	10mm	Ant 4+7(T)	518598	2592	22.73	24.10	1.371	50	1.000	0.13	0.212	0.291	0.105	0.144
FR1 n41	100M	QPSK	1	1		DFT-SCS-30KHz	Front	10mm	Ant 5+7(T)	518598	2592	19.72	21.10	1.374		1.000	0.12	0.148	0.203	0.069	0.095
	100M	QPSK	135	69		DFT-SCS-30KHz	Front	10mm	Ant 5+7(T)	518598	2592	19.68	21.10	1.387		1.000	0.03	0.167	0.232	0.078	0.108
	100M	QPSK	1	1		DFT-SCS-30KHz	Back	10mm	Ant 5+7(T)	518598	2592	19.72	21.10	1.374		1.000	0.18	0.200	0.275	0.096	0.132
	100M	QPSK	135	69		DFT-SCS-30KHz	Back	10mm	Ant 5+7(T)	518598	2592	19.68	21.10	1.387		1.000	0.16	0.230	0.319	0.109	0.151
	100M	QPSK	1	1		DFT-SCS-30KHz	Left Side	10mm	Ant 5+7(T)	518598	2592	19.72	21.10	1.374		1.000	-0.1	0.339	0.466	0.154	0.212
	100M	QPSK	135	69		DFT-SCS-30KHz	Left Side	10mm	Ant 5+7(T)	518598	2592	19.68	21.10	1.387		1.000	-0.07	0.358	0.497	0.162	0.225
	100M	QPSK	1	1		DFT-SCS-30KHz	Right Side	10mm	Ant 5+7(T)	518598	2592	19.72	21.10	1.374		1.000	0.18	0.192	0.264	0.092	0.126
	100M	QPSK	135	69		DFT-SCS-30KHz	Right Side	10mm	Ant 5+7(T)	518598	2592	19.68	21.10	1.387		1.000	0.1	0.199	0.275	0.098	0.133
	100M	QPSK	1	1		DFT-SCS-30KHz	Top Side	10mm	Ant 5+7(T)	518598	2592	19.72	21.10	1.374		1.000	0.01	0.041	0.056	0.022	0.030
	100M	QPSK	135	69		DFT-SCS-30KHz	Top Side	10mm	Ant 5+7(T)	518598	2592	19.68	21.10	1.387		1.000	-0.15	0.056	0.078	0.030	0.042
FR1 n41 HPUE	100M	QPSK	135	69		DFT-SCS-30KHz	Left Side	10mm	Ant 5+7(T)	518598	2592	22.72	24.10	1.374	50	1.000	0.19	0.358	0.492	0.171	0.235
FR1 n77	100M	QPSK	1	1		DFT-SCS-30KHz	Front	10mm	Ant 4+10(T)	633332	3499	16.72	17.20	1.117		1.000	-0.07	0.114	0.127	0.052	0.068
	100M	QPSK	135	69		DFT-SCS-30KHz	Front	10mm	Ant 4+10(T)	633332	3499	16.69	17.20	1.125		1.000	-0.18	0.108	0.122	0.048	0.064
	100M	QPSK	1	1		DFT-SCS-30KHz	Back	10mm	Ant 4+10(T)	633332	3499	16.72	17.20	1.117		1.000	0.03	0.144	0.161	0.054	0.060
	100M	QPSK	135	69		DFT-SCS-30KHz	Back	10mm	Ant 4+10(T)	633332	3499	16.69	17.20	1.125		1.000	-0.15	0.124	0.140	0.049	0.055
	100M	QPSK	1	1		DFT-SCS-30KHz	Left Side	10mm	Ant 4+10(T)	633332	3499	16.72	17.20	1.117		1.000	-0.15	0.041	0.046	0.019	0.021
	100M	QPSK	135	69		DFT-SCS-30KHz	Left Side	10mm	Ant 4+10(T)	633332	3499	16.69	17.20	1.125		1.000	0.11	0.060	0.000	0.000	0.000
	100M	QPSK	1	1		DFT-SCS-30KHz	Right Side	10mm	Ant 4+10(T)	633332	3499	16.72	17.20	1.117		1.000	-0.08	0.000	0.000	0.000	0.000
	100M	QPSK	135	69		DFT-SCS-30KHz	Right Side	10mm	Ant 4+10(T)	633332	3499	16.69	17.20	1.125		1.000	-0.17	0.000	0.000	0.000	0.000
	100M	QPSK	1	1		DFT-SCS-30KHz	Top Side	10mm	Ant 4+10(T)	633332	3499	16.72	17.20	1.117		1.000	-0.08	0.129	0.144	0.059	0.066
	100M	QPSK	135	69		DFT-SCS-30KHz	Top Side	10mm	Ant 4+10(T)	633332	3499	16.69	17.20	1.125		1.000	-0.04	0.129	0.145	0.057	0.064
FR1 n77 HPUE	100M	QPSK	1	1		DFT-SCS-30KHz	Back	10mm	Ant 4+10(T)	633332	3499	19.68	21.00	1.355	50	1.000	-0.08	0.144	0.195	0.064	0.087
FR1 n77	100M	QPSK	1	1		DFT-SCS-30KHz	Front	10mm	Ant 4+19(T)	633332	3499	16.72	17.20	1.117		1.000	0.18	0.131	0.180	0.061	0.

Body-Worn SAR Test

Pilot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Time-Up Limit (dBm)	Time-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	DASY SAR			
																			Reported 1g SAR (W/kg)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 4+7(7)	507000	2535	19.71	21.00	1.346			1.000	-0.03	0.606	0.816	0.290	0.390
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 4+7(7)	507000	2535	19.67	21.00	1.358			1.000	0.07	0.579	0.786	0.287	0.390
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	5mm	Ant 4+7(7)	507000	2535	19.65	21.00	1.365			1.000	0.00	0.576	0.786	0.285	0.389
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 4+7(7)	507000	2535	19.71	21.00	1.346			1.000	0.01	0.170	0.229	0.092	0.124
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 4+7(7)	507000	2535	19.67	21.00	1.358			1.000	-0.01	0.207	0.281	0.113	0.153
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back1	5mm	Ant 4+7(7)	507000	2535	19.71	21.00	1.346			1.000	-0.06	0.888	1.195	0.414	0.557
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back1	5mm	Ant 4+7(7)	507000	2535	19.67	21.00	1.358			1.000	-0.04	0.792	1.076	0.376	0.511
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back1	5mm	Ant 4+7(7)	507000	2535	19.65	21.00	1.365			1.000	-0.09	0.798	1.089	0.381	0.520
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 5+7(7)	507000	2535	19.71	21.00	1.346			1.000	0.02	0.543	0.731	0.230	0.310
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 5+7(7)	507000	2535	19.67	21.00	1.358			1.000	0.07	0.548	0.744	0.274	0.372
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5+7(7)	507000	2535	19.71	21.00	1.346			1.000	0.16	0.167	0.225	0.082	0.110
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 5+7(7)	507000	2535	19.67	21.00	1.358			1.000	0.13	0.186	0.253	0.092	0.125
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back1	5mm	Ant 5+7(7)	507000	2535	19.71	21.00	1.346			1.000	-0.18	0.608	0.818	0.271	0.365
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back1	5mm	Ant 5+7(7)	507000	2535	19.67	21.00	1.358			1.000	0.02	0.645	0.876	0.295	0.401
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back1	5mm	Ant 5+7(7)	507000	2535	19.65	21.00	1.365			1.000	0.16	0.625	0.853	0.288	0.393
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+7(7)	518598	2592.99	20.19	21.60	1.384			1.000	-0.05	0.411	0.569	0.179	0.248
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+7(7)	518598	2592.99	20.16	21.60	1.393			1.000	-0.08	0.397	0.553	0.185	0.258
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+7(7)	518598	2592.99	20.19	21.60	1.384			1.000	0.16	0.133	0.184	0.070	0.097
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+7(7)	518598	2592.99	20.16	21.60	1.393			1.000	0.05	0.121	0.169	0.064	0.089
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back1	5mm	Ant 4+7(7)	518598	2592.99	20.19	21.60	1.384			1.000	0.05	0.488	0.675	0.233	0.322
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back1	5mm	Ant 4+7(7)	518598	2592.99	20.16	21.60	1.393			1.000	-0.03	0.527	0.734	0.274	0.382
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back1	5mm	Ant 4+7(7)	518598	2592.99	23.14	24.60	1.400	50		1.000	-0.15	0.486	0.680	0.273	0.382
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5+7(7)	518598	2592.99	20.19	21.60	1.384			1.000	0.05	0.568	0.786	0.247	0.342
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5+7(7)	518598	2592.99	20.16	21.60	1.393			1.000	-0.11	0.621	0.851	0.270	0.376
FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 5+7(7)	518598	2592.99	20.15	21.60	1.396			1.000	-0.12	0.610	0.852	0.263	0.367	
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5+7(7)	518598	2592.99	20.19	21.60	1.384			1.000	0.03	0.173	0.239	0.087	0.120
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5+7(7)	518598	2592.99	20.16	21.60	1.393			1.000	-0.16	0.228	0.318	0.114	0.159
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back1	5mm	Ant 5+7(7)	518598	2592.99	20.19	21.60	1.384			1.000	-0.02	0.628	0.869	0.280	0.388
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back1	5mm	Ant 5+7(7)	518598	2592.99	20.16	21.60	1.393			1.000	0.15	0.708	0.956	0.315	0.439
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back1	5mm	Ant 5+7(7)	518598	2592.99	20.15	21.60	1.396			1.000	-0.09	0.695	0.970	0.311	0.434
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back1	5mm	Ant 5+7(7)	518598	2592.99	23.14	24.60	1.400	50		1.000	0.11	0.687	0.962	0.313	0.438
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+10(10)	633332	3499.98	16.72	17.20	1.117			1.000	-0.04	0.583	0.651	0.240	0.288
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+10(10)	633332	3499.98	16.69	17.20	1.125			1.000	-0.08	0.543	0.611	0.225	0.253
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+10(10)	633332	3499.98	16.65	17.20	1.135			1.000	-0.13	0.591	0.671	0.241	0.274
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+10(10)	633332	3499.98	16.72	17.20	1.117			1.000	-0.13	0.221	0.247	0.087	0.097
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+10(10)	633332	3499.98	16.69	17.20	1.125			1.000	0.06	0.166	0.187	0.066	0.074
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back1	5mm	Ant 4+10(10)	633332	3499.98	16.72	17.20	1.117			1.000	-0.03	0.724	0.809	0.254	0.284
FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back1	5mm	Ant 4+10(10)	633332	3499.98	16.69	17.20	1.125			1.000	-0.03	0.683	0.746	0.226	0.254	
FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back1	5mm	Ant 4+10(10)	633332	3499.98	16.65	17.20	1.135			1.000	0.08	0.645	0.732	0.243	0.276	
FR1 n77 HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Back1	5mm	Ant 4+10(10)	633332	3499.98	19.61	21.00	1.377	50		1.000	-0.07	0.631	0.869	0.281	0.359	
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+19(19)	633332	3499.98	17.31	18.70	1.377			1.000	-0.15	0.725	0.998	0.314	0.432
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+19(19)	633332	3499.98	17.29	18.70	1.384			1.000	0.11	0.739	1.023	0.313	0.433
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+19(19)	633332	3499.98	17.27	18.70	1.390			1.000	-0.08	0.689	0.958	0.314	0.436
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+19(19)	633332	3499.98	17.31	18.70	1.377			1.000	-0.17	0.298	0.410	0.132	0.182
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+19(19)	633332	3499.98	17.29	18.70	1.384			1.000	-0.08	0.285	0.394	0.127	0.176
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back1	5mm	Ant 4+19(19)	633332	3499.98	17.31	18.70	1.377			1.000	-0.04	0.643	0.885	0.301	0.414
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back1	5mm	Ant 4+19(19)	633332	3499.98	17.29	18.70	1.384			1.000	0.08	0.668	0.911	0.249	0.345
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back1	5mm	Ant 4+19(19)	633332	3499.98	17.27	18.70	1.390			1.000	0.17	0.678	0.942	0.230	0.320
	FR1 n77 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+19(19)	633332	3499.98	20.27	21.70	1.390	50		1.000	0.18	0.763	1.061	0.331	0.460
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5+10(10)	633332	3499.98	16.72	17.20	1.117			1.000	-0.1	0.276	0.308	0.123	0.137
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5+10(10)	633332	3499.98	16.69	17.20	1.125			1.000	0.01	0.325	0.366	0.129	0.145
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5+10(10)	63												