

# Appendix H: Antenna Tuner

To achieve a better user experience, the device implements the *Dynamic Antenna Tuning (DAT)*, or *Closed Loop Antenna Impedance Tuning (CLAIT)*, for select antennas. The DAT is applicable to the antennas Ant0/1/2 and LTE/NR FR1 L/M/H Bands. The antenna tuning system will continuously measure antenna impedance and adjust the match dynamically. Each frequency band supports a unique number of tune states as shown in the Operational Description §4.

## Test Procedure:

1. Find the highest measured SAR per Head and Body-worn/Hotspot.
  - a. All measured SAR results were performed using the default/auto-tune state.
2. Perform an Area Scan to find peak SAR location using the default/auto-tune state.
3. Perform a Time Average measurement (single point measurement) at the peak SAR location found in Step 2 using the default/auto-tune state and record the result.
4. At the same peak SAR location used in Step 2, perform a Time Average measurement for every available state index and compare the result against Step 3's Time Average result.

## LTE Band 7 Measured Results (ANT 2)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	21100	2535	50	0	0.595	0.614	Default/Auto-tune
ANT 2	Body	QPSK	RSI 4	10	Front	21100	2535	50	0	0.510	0.465	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	21100	2535	50	0	0.036	-94%	1
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	21100	2535	50	0	0.641	4%	2
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	21100	2535	50	0	0.148	-76%	3
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	21100	2535	50	0	0.236	-62%	4
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	21100	2535	50	0	0.236	-62%	5
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	21100	2535	50	0	0.047	-92%	6
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	21100	2535	50	0	0.148	-76%	7
ANT 2	Body	QPSK	RSI 4	10	Front	21100	2535	50	0	0.306	-34%	8
ANT 2	Body	QPSK	RSI 4	10	Front	21100	2535	50	0	0.164	-65%	9
ANT 2	Body	QPSK	RSI 4	10	Front	21100	2535	50	0	0.190	-59%	10
ANT 2	Body	QPSK	RSI 4	10	Front	21100	2535	50	0	0.174	-63%	11
ANT 2	Body	QPSK	RSI 4	10	Front	21100	2535	50	0	0.483	4%	12
ANT 2	Body	QPSK	RSI 4	10	Front	21100	2535	50	0	0.074	-84%	13

## LTE Band 12 Measured Results (ANT 0)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.259	0.202	Default/Auto-tune
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.540	0.393	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.052	-74.26%	1
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.012	-94.06%	2
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.107	-47.03%	3
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.191	-5.45%	4
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.012	-94.06%	5
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.188	-6.93%	6
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.209	3.47%	7
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.150	-25.74%	8
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.014	-93.07%	9
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.012	-94.06%	10
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.009	-95.54%	11
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.111	-45.05%	12
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.110	-45.54%	13
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23095	707.5	1	0	0.200	-0.99%	14
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.254	-35.37%	15
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.410	4.33%	16
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.019	-95.17%	17
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.258	-34.35%	18
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.122	-68.96%	19
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.030	-92.37%	20
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.123	-68.70%	21
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.135	-65.65%	22
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.377	-4.07%	23
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.265	-32.57%	24
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.122	-68.96%	25
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.121	-69.21%	26
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.030	-92.37%	27
ANT 0	Body	QPSK	RSI 7	10	Edge Left	23095	707.5	1	0	0.122	-68.96%	28

## LTE Band 13 Measured Results (ANT 0)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.392	0.361	Default/Auto-tune
ANT 0	Body	QPSK	RSI 7	10	Back	23230	782	1	25	0.524	0.599	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.278	-23%	1
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.175	-52%	2
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.319	-12%	3
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.055	-85%	4
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.329	-9%	5
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.255	-29%	6
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.026	-93%	7
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.174	-52%	8
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23230	782	1	25	0.288	-20%	9
ANT 0	Body	QPSK	RSI 7	0	Back	23230	782	1	25	0.490	-18%	10
ANT 0	Body	QPSK	RSI 7	0	Back	23230	782	1	25	0.277	-54%	11
ANT 0	Body	QPSK	RSI 7	0	Back	23230	782	1	25	0.098	-84%	12
ANT 0	Body	QPSK	RSI 7	0	Back	23230	782	1	25	0.597	0%	13
ANT 0	Body	QPSK	RSI 7	0	Back	23230	782	1	25	0.447	-25%	14
ANT 0	Body	QPSK	RSI 7	0	Back	23230	782	1	25	0.485	-19%	15
ANT 0	Body	QPSK	RSI 7	0	Back	23230	782	1	25	0.570	-5%	16
ANT 0	Body	QPSK	RSI 7	0	Back	23230	782	1	25	0.599	0%	17
ANT 0	Body	QPSK	RSI 7	0	Back	23230	782	1	25	0.105	-82%	18

## LTE Band 14 Measured Results (ANT 0)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23330	793	1	0	0.423	0.296	Default/Auto-tune
ANT 0	Body	QPSK	RSI 7	10	Back	23330	793	1	0	0.458	0.570	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23330	793	1	0	0.167	-44%	1
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23330	793	1	0	0.198	-33%	2
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23330	793	1	0	0.335	13%	3
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	23330	793	1	0	0.176	-41%	4
ANT 0	Body	QPSK	RSI 7	0	Back	23330	793	1	0	0.219	-62%	5
ANT 0	Body	QPSK	RSI 7	0	Back	23330	793	1	0	0.586	3%	6
ANT 0	Body	QPSK	RSI 7	0	Back	23330	793	1	0	0.321	-44%	7
ANT 0	Body	QPSK	RSI 7	0	Back	23330	793	1	0	0.404	-29%	8

## LTE Band 25 Measured Results (ANT 2)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.422	0.451	Default/Auto-tune
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.754	0.627	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.286	-36.59%	1
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.504	11.75%	2
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.184	-59.20%	3
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.328	-27.27%	4
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.453	0.44%	5
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.197	-56.32%	6
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.347	-23.06%	7
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.106	-76.50%	8
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.522	15.74%	9
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.177	-60.75%	10
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.077	-82.93%	11
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.174	-61.42%	12
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.414	-8.20%	13
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.486	7.76%	14
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.335	-25.72%	15
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.117	-74.06%	16
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.136	-69.84%	17
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.180	-60.09%	18
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.473	4.88%	19
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.290	-35.70%	20
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	26365	1882.5	1	0	0.214	-52.55%	21
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.163	-74.00%	22
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.343	-45.30%	23
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.520	-17.07%	24
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.590	-5.90%	25
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.342	-45.45%	26
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.214	-65.87%	27
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.314	-49.92%	28
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.188	-70.02%	29
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.204	-67.46%	30
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.401	-36.04%	31
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.272	-56.62%	32
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.315	-49.76%	33
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.288	-54.07%	34
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.501	-20.10%	35
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.677	7.97%	36
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.105	-83.25%	37
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.638	1.75%	38
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.411	-34.45%	39
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.634	1.12%	40
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.525	-16.27%	41
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.631	0.64%	42
ANT 2	Body	QPSK	RSI 7	10	Edge Right	26365	1882.5	1	0	0.386	-38.44%	43

## LTE Band 26 Measured Results (ANT 0)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.303	0.318	Default/Auto-tune
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.399	0.502	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.188	-40.88%	1
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.101	-68.24%	2
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.250	-21.38%	3
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.302	-5.03%	4
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.016	-94.97%	5
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.285	-10.38%	6
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.016	-94.97%	7
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.149	-53.14%	8
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.210	-33.96%	9
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.329	3.46%	10
ANT 0	Head	QPSK	RSI 2 + MOS	0	Left Cheek	26865	831.5	1	0	0.072	-77.36%	11
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.213	-57.57%	12
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.387	-22.91%	13
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.422	-15.94%	14
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.439	-12.55%	15
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.454	-9.56%	16
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.322	-35.86%	17
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.162	-67.73%	18
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.339	-32.47%	19
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.339	-32.47%	20
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.447	-10.96%	21
ANT 0	Body	QPSK	RSI 7	10	Back	26865	831.5	1	0	0.335	-33.27%	22

## LTE Band 30 Measured Results (ANT 2)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.424	0.504	Default/Auto-tune
ANT 2	Body	QPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.758	0.788	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.408	-19.05%	1
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.451	-10.52%	2
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.136	-73.02%	3
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.184	-63.49%	4
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.056	-88.89%	5
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.089	-82.34%	6
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.070	-86.11%	7
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.095	-81.15%	8
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.071	-85.91%	9
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	27710	2310	1	0	0.053	-89.48%	10
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.179	-77.28%	11
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.463	-41.24%	12
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.547	-30.58%	13
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.235	-70.18%	14
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.794	0.76%	15
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.728	-7.61%	16
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.710	-9.90%	17
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.334	-57.61%	18
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	27710	2310	25	12	0.792	0.51%	19

## LTE Band 66 Measured Results (ANT 2)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.527	0.548	Default/Auto-tune
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.616	0.487	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.533	-2.74%	1
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.315	-42.52%	2
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.297	-45.80%	3
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.291	-46.90%	4
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.088	-83.94%	5
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.486	-11.31%	6
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.466	-14.96%	7
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.332	-39.42%	8
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.317	-42.15%	9
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.345	-37.04%	10
ANT 2	Head	QPSK	RSI 2	0	Right Cheek	132322	1745	1	0	0.395	-27.92%	11
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.289	-40.66%	12
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.269	-44.76%	13
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.251	-48.46%	14
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.300	-38.40%	15
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.307	-36.96%	16
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.387	-20.53%	17
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.294	-39.63%	18
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.310	-36.34%	19
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.485	-0.41%	20
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.310	-36.34%	21
ANT 2	Body	QPSK	RSI 4	10	Back	132322	1745	1	0	0.302	-37.99%	22

## LTE Band 71 Measured Results (ANT 0)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	133297	680.5	1	0	0.249	0.247	Default/Auto-tune
ANT 0	Body	QPSK	RSI 7	10	Edge Left	133297	680.5	1	0	0.477	0.361	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	133297	680.5	1	0	0.251	1.62%	1
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	133297	680.5	1	0	0.136	-44.94%	2
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	133297	680.5	1	0	0.137	-44.53%	3
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	133297	680.5	1	0	0.066	-73.28%	4
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	133297	680.5	1	0	0.066	-73.28%	5
ANT 0	Head	QPSK	RSI 2	0	Left Cheek	133297	680.5	1	0	0.108	-56.28%	6
ANT 0	Body	QPSK	RSI 7	10	Edge Left	133297	680.5	1	0	0.363	0.55%	7
ANT 0	Body	QPSK	RSI 7	10	Edge Left	133297	680.5	1	0	0.128	-64.54%	8
ANT 0	Body	QPSK	RSI 7	10	Edge Left	133297	680.5	1	0	0.119	-67.04%	9
ANT 0	Body	QPSK	RSI 7	10	Edge Left	133297	680.5	1	0	0.119	-67.04%	10
ANT 0	Body	QPSK	RSI 7	10	Edge Left	133297	680.5	1	0	0.230	-36.29%	11
ANT 0	Body	QPSK	RSI 7	10	Edge Left	133297	680.5	1	0	0.129	-64.27%	12

## NR Band n7 Measured Results (ANT 2)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.404	0.422	Default/Auto-tune
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.365	0.379	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.117	-72.27%	1
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.256	-39.34%	2
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.135	-68.01%	3
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.026	-93.84%	4
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.084	-80.09%	5
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.111	-73.70%	6
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.090	-78.67%	7
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.249	-41.00%	8
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.077	-81.75%	9
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.185	-56.16%	10
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.147	-65.17%	11
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	507000	2535	135	67	0.054	-87.20%	12
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.111	-70.71%	13
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.026	-93.14%	14
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.135	-64.38%	15
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.252	-33.51%	16
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.383	1.06%	17
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.083	-78.10%	18
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.019	-94.99%	19
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.187	-50.66%	20
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.133	-64.91%	21
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.048	-87.34%	22
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.078	-79.42%	23
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.079	-79.16%	24
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	507000	2535	1	268	0.083	-78.10%	25

## NR Band n12 Measured Results (ANT 0)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.228	0.256	Default/Auto-tune
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.444	0.412	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.208	-18.75%	1
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.219	-14.45%	2
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.144	-43.75%	3
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.187	-26.95%	4
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.010	-96.09%	5
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.133	-48.05%	6
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.127	-50.39%	7
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.243	-5.08%	8
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.016	-93.75%	9
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	141500	707.5	1	77	0.128	-50.00%	10
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.408	-0.97%	11
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.405	-1.70%	12
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.408	-0.97%	13
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.122	-70.39%	14
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.122	-70.39%	15
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.356	-13.59%	16
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.313	-24.03%	17
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.228	-44.66%	18
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	141500	707.5	1	77	0.403	-2.18%	19

## NR Band n14 Measured Results (ANT 0)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	158600	793	1	1	0.302	0.305	Default/Auto-tune
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	158600	793	25	14	0.464	0.390	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	158600	793	1	1	0.100	-67.21%	1
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	158600	793	1	1	0.157	-48.52%	2
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	158600	793	1	1	0.296	-2.95%	3
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	158600	793	1	1	0.047	-84.59%	4
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	158600	793	1	1	0.243	-20.33%	5
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	0	Back	158600	793	25	14	0.385	-1.28%	6
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	0	Back	158600	793	25	14	0.392	0.51%	7
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	0	Back	158600	793	25	14	0.418	7.18%	8
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	0	Back	158600	793	25	14	0.280	-28.21%	9
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	0	Back	158600	793	25	14	0.331	-15.13%	10
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	0	Back	158600	793	25	14	0.445	14.10%	11

## NR Band n25 Measured Results (ANT 2)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.338	0.440	Default/Auto-tune
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.488	0.407	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.324	-26.36%	1
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.199	-54.77%	2
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.129	-70.68%	3
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.296	-32.73%	4
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.365	-17.05%	5
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.189	-57.05%	6
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.286	-35.00%	7
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.440	0.00%	8
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.053	-87.95%	9
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.075	-82.95%	10
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.084	-80.91%	11
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.219	-50.23%	12
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.281	-36.14%	13
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.194	-55.91%	14
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.426	-3.18%	15
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.225	-48.86%	16
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.437	-0.68%	17
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.448	1.82%	18
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	376500	1882.5	108	54	0.115	-73.86%	19
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.090	-77.89%	20
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.074	-81.82%	21
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.206	-49.39%	22
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.398	-2.21%	23
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.438	7.62%	24
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.408	0.25%	25
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.157	-61.43%	26
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.102	-74.94%	27
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.054	-86.73%	28
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.401	-1.47%	29
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.304	-25.31%	30
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.311	-23.59%	31
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.245	-39.80%	32
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.287	-29.48%	33
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.062	-84.77%	34
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.067	-83.54%	35
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.153	-62.41%	36
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.411	0.98%	37
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	376500	1882.5	108	54	0.401	-1.47%	38

## NR Band n26 Measured Results (ANT 0)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.204	0.226	Default/Auto-tune
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.286	0.227	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.078	-65.49%	1
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.181	-19.91%	2
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.014	-93.81%	3
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.036	-84.07%	4
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.044	-80.53%	5
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.129	-42.92%	6
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.188	-16.81%	7
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.186	-17.70%	8
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.119	-47.35%	9
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.067	-70.35%	10
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.188	-16.81%	11
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.178	-21.24%	12
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.170	-24.78%	13
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.093	-58.85%	14
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	166300	831.5	50	28	0.023	-89.82%	15
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.092	-59.47%	16
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.085	-62.56%	17
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.059	-74.01%	18
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.048	-78.85%	19
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.195	-14.10%	20
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.041	-81.94%	21
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.181	-20.26%	22
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.249	9.69%	23
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.014	-93.83%	24
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.237	4.41%	25
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.194	-14.54%	26
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.067	-70.48%	27
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.302	33.04%	28
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	166300	831.5	1	1	0.024	-89.43%	29

## NR Band n30 Measured Results (ANT 2)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	462000	2310	1	1	0.523	0.580	Default/Auto-tune
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.732	0.471	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	462000	2310	1	1	0.321	-44.66%	1
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	462000	2310	1	1	0.305	-47.41%	2
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	462000	2310	1	1	0.200	-65.52%	3
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	462000	2310	1	1	0.046	-92.07%	4
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	462000	2310	1	1	0.371	-36.03%	5
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	462000	2310	1	1	0.465	-19.83%	6
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	462000	2310	1	1	0.214	-63.10%	7
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	462000	2310	1	1	0.459	-20.86%	8
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.329	-30.15%	9
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.203	-56.90%	10
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.353	-25.05%	11
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.330	-29.94%	12
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.093	-80.25%	13
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.372	-21.02%	14
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.258	-45.22%	15
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.138	-70.70%	16
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Right	462000	2310	1	1	0.142	-69.85%	17

## NR Band n66 Measured Results (ANT 2)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.477	0.508	Default/Auto-tune
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.303	0.331	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.318	-37.40%	1
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.379	-25.39%	2
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.511	0.59%	3
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.341	-32.87%	4
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.077	-84.84%	5
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.297	-41.54%	6
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.382	-24.80%	7
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.488	-3.94%	8
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.445	-12.40%	9
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.346	-31.89%	10
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.295	-41.93%	11
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.295	-41.93%	12
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.170	-66.54%	13
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.113	-77.76%	14
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.384	-24.41%	15
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.266	-47.64%	16
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.239	-52.95%	17
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.315	-37.99%	18
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Right Cheek	349000	1745	108	54	0.154	-69.69%	19
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.304	-8.16%	20
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.201	-39.27%	21
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.301	-9.06%	22
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.049	-85.20%	23
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.094	-71.60%	24
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.195	-41.09%	25
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.233	-29.61%	26
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.194	-41.39%	27
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.217	-34.44%	28
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.198	-40.18%	29
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.334	0.91%	30
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.065	-80.36%	31
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.167	-49.55%	32
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.264	-20.24%	33
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.329	-0.60%	34
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.119	-64.05%	35
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.264	-20.24%	36
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.210	-36.56%	37
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.209	-36.86%	38
ANT 2	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 4	10	Back	349000	1745	1	1	0.105	-68.28%	39



## NR Band n71 Measured Results (ANT 0)

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	1-g Meas. (W/kg)	Time Avg. 1-g Meas. (W/kg)	State Index
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	136100	680.5	1	104	0.187	0.138	Default/Auto-tune
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	136100	680.5	50	28	0.306	0.275	Default/Auto-tune

Transmitter	RF Exposure Condition	Mode	Power Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	CLAIT 1-g Meas. (W/kg)	1-g Delta (%)	State Index
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	136100	680.5	1	104	0.101	-26.81%	1
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	136100	680.5	1	104	0.052	-62.32%	2
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	136100	680.5	1	104	0.052	-62.32%	3
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	136100	680.5	1	104	0.174	26.09%	4
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	136100	680.5	1	104	0.052	-62.32%	5
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	136100	680.5	1	104	0.100	-27.54%	6
ANT 0	Head	DFT-s-OFDM $\pi/2$ BPSK	RSI 2	0	Left Cheek	136100	680.5	1	104	0.052	-62.32%	7
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	136100	680.5	50	28	0.269	-2.18%	8
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	136100	680.5	50	28	0.260	-5.45%	9
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	136100	680.5	50	28	0.164	-40.36%	10
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	136100	680.5	50	28	0.081	-70.55%	11
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	136100	680.5	50	28	0.081	-70.55%	12
ANT 0	Body	DFT-s-OFDM $\pi/2$ BPSK	RSI 7	10	Edge Left	136100	680.5	50	28	0.126	-54.18%	13