

Appendix A. SAR Test Result For Plimit Calculations

SAR Results for Head / Body-worn / Hotspot Exposure Condition.

Note:

1. SAR testing for LTE / NR was performed on the maximum power mode.
2. The “< 0.001” means there is no SAR value or the SAR is too low to be measured.
3. Since LTE/NR of this device supports VOIP capability through 3rd party apps software, we have evaluated data mode for head SAR.

Head SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
	WCDMA II	RMC12.2K	Right Cheek	-	9262			Ant 0	26.70	25.16	1.43	-0.15	0.298	0.43	0.572	28	28	24.9
	WCDMA II	RMC12.2K	Right Tilted	-	9262			Ant 0	26.70	25.16	1.43	0.06	0.176	0.25	0.572	30.3	30.3	
	WCDMA II	RMC12.2K	Left Cheek	-	9262			Ant 0	26.70	25.16	1.43	-0.07	0.57	0.82	0.572	25.2	25.2	
	WCDMA II	RMC12.2K	Left Tilted	-	9262			Ant 0	26.70	25.16	1.43	-0.14	0.133	0.19	0.572	31.5	31.5	
	WCDMA II	RMC12.2K	Left Cheek	-	9400			Ant 0	26.70	25.01	1.48	0	0.493	0.73	0.572	25.7	25.7	
7	WCDMA II	RMC12.2K	Left Cheek	-	9538			Ant 0	26.70	24.94	1.50	-0.01	0.581	0.87	0.572	24.9	24.9	
	WCDMA IV	RMC12.2K	Right Cheek	-	1513			Ant 0	26.70	25.53	1.31	0.16	0.222	0.29	0.572	29.6	29.6	26.9
	WCDMA IV	RMC12.2K	Right Tilted	-	1513			Ant 0	26.70	25.53	1.31	0.02	0.117	0.15	0.572	32.4	32.4	
	WCDMA IV	RMC12.2K	Left Cheek	-	1513			Ant 0	26.70	25.53	1.31	-0.15	0.368	0.48	0.572	27.4	27.4	
	WCDMA IV	RMC12.2K	Left Tilted	-	1513			Ant 0	26.70	25.53	1.31	0.13	0.098	0.13	0.572	33.2	33.2	
	WCDMA IV	RMC12.2K	Left Cheek	-	1312			Ant 0	26.70	25.38	1.36	-0.17	0.341	0.46	0.572	27.6	27.6	
8	WCDMA IV	RMC12.2K	Left Cheek	-	1413			Ant 0	26.70	25.47	1.33	-0.05	0.411	0.55	0.572	26.9	26.9	
	WCDMA V	RMC12.2K	Right Cheek	-	4233			Ant 0	26.70	24.78	1.56	0.19	0.156	0.24	0.572	30.4	30.4	28.5
	WCDMA V	RMC12.2K	Right Tilted	-	4233			Ant 0	26.70	24.78	1.56	0.02	0.111	0.17	0.572	31.9	31.9	
9	WCDMA V	RMC12.2K	Left Cheek	-	4233			Ant 0	26.70	24.78	1.56	0.03	0.245	0.38	0.572	28.5	28.5	
	WCDMA V	RMC12.2K	Left Tilted	-	4233			Ant 0	26.70	24.78	1.56	0.08	0.176	0.27	0.572	29.9	29.9	
	WCDMA V	RMC12.2K	Left Cheek	-	4132			Ant 0	26.70	24.76	1.56	-0.11	0.2	0.31	0.572	29.3	29.3	
	WCDMA V	RMC12.2K	Left Cheek	-	4182			Ant 0	26.70	24.74	1.57	0.1	0.238	0.37	0.572	28.5	28.5	
	LTE 12	QPSK10M	Right Cheek	-	23130	1	0	Ant 0	26.20	25.44	1.19	-0.07	0.043	0.05	0.572	36.7	36.7	35.5
	LTE 12	QPSK10M	Right Tilted	-	23130	1	0	Ant 0	26.20	25.44	1.19	0.15	0.033	0.04	0.572	37.8	37.8	
	LTE 12	QPSK10M	Left Cheek	-	23130	1	0	Ant 0	26.20	25.44	1.19	-0.13	0.047	0.06	0.572	36.3	36.3	
	LTE 12	QPSK10M	Left Tilted	-	23130	1	0	Ant 0	26.20	25.44	1.19	-0.01	0.045	0.05	0.572	36.5	36.5	
	LTE 12	QPSK10M	Right Cheek	-	23130	25	0	Ant 0	25.20	24.59	1.15	-0.03	0.03	0.03	0.572	37.4	37.4	
	LTE 12	QPSK10M	Right Tilted	-	23130	25	0	Ant 0	25.20	24.59	1.15	-0.16	0.023	0.03	0.572	38.5	38.5	
	LTE 12	QPSK10M	Left Cheek	-	23130	25	0	Ant 0	25.20	24.59	1.15	-0.13	0.033	0.04	0.572	37	37	
	LTE 12	QPSK10M	Left Tilted	-	23130	25	0	Ant 0	25.20	24.59	1.15	-0.01	0.031	0.04	0.572	37.3	37.3	
	LTE 12	QPSK10M	Left Cheek	-	23060	1	0	Ant 0	26.20	25.39	1.21	-0.02	0.05	0.06	0.572	36	36	31.3
10	LTE 12	QPSK10M	Left Cheek	-	23095	1	0	Ant 0	26.20	25.35	1.22	0.02	0.055	0.07	0.572	35.5	35.5	
	LTE 13	QPSK10M	Right Cheek	-	23230	1	0	Ant 0	26.20	25.59	1.15	0.18	0.118	0.14	0.572	32.4	32.4	31.3
	LTE 13	QPSK10M	Right Tilted	-	23230	1	0	Ant 0	26.20	25.59	1.15	-0.12	0.099	0.11	0.572	33.2	33.2	
11	LTE 13	QPSK10M	Left Cheek	-	23230	1	0	Ant 0	26.20	25.59	1.15	-0.01	0.152	0.17	0.572	31.3	31.3	
	LTE 13	QPSK10M	Left Tilted	-	23230	1	0	Ant 0	26.20	25.59	1.15	0.06	0.14	0.16	0.572	31.7	31.7	
	LTE 13	QPSK10M	Right Cheek	-	23230	25	0	Ant 0	25.20	24.89	1.07	0.15	0.083	0.09	0.572	33.3	33.3	
	LTE 13	QPSK10M	Right Tilted	-	23230	25	0	Ant 0	25.20	24.89	1.07	-0.04	0.069	0.07	0.572	34.1	34.1	
	LTE 13	QPSK10M	Left Cheek	-	23230	25	0	Ant 0	25.20	24.89	1.07	0.08	0.106	0.11	0.572	32.2	32.2	
	LTE 13	QPSK10M	Left Tilted	-	23230	25	0	Ant 0	25.20	24.89	1.07	0.08	0.098	0.10	0.572	32.6	32.6	

Head SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
12	LTE 14	QPSK10M	Right Cheek	-	23330	1	0	Ant 0	24.00	23.91	1.02	-0.04	0.063	0.06	0.572	33.5	33.5	32.1
	LTE 14	QPSK10M	Right Tilted	-	23330	1	0	Ant 0	24.00	23.91	1.02	0.16	0.041	0.04	0.572	35.4	35.4	
	LTE 14	QPSK10M	Left Cheek	-	23330	1	0	Ant 0	24.00	23.91	1.02	0.08	0.086	0.09	0.572	32.1	32.1	
	LTE 14	QPSK10M	Left Tilted	-	23330	1	0	Ant 0	24.00	23.91	1.02	-0.02	0.064	0.07	0.572	33.4	33.4	
	LTE 14	QPSK10M	Right Cheek	-	23330	25	0	Ant 0	23.00	22.93	1.02	-0.05	0.044	0.04	0.572	34.1	34.1	
	LTE 14	QPSK10M	Right Tilted	-	23330	25	0	Ant 0	23.00	22.93	1.02	0.14	0.029	0.03	0.572	35.9	35.9	
	LTE 14	QPSK10M	Left Cheek	-	23330	25	0	Ant 0	23.00	22.93	1.02	-0.18	0.059	0.06	0.572	32.8	32.8	
	LTE 14	QPSK10M	Left Tilted	-	23330	25	0	Ant 0	23.00	22.93	1.02	0.17	0.044	0.04	0.572	34.1	34.1	
13	LTE 25	QPSK20M	Right Cheek	-	26365	1	0	Ant 0	25.70	25.01	1.17	-0.08	0.19	0.22	0.572	29.8	29.8	27.1
	LTE 25	QPSK20M	Right Tilted	-	26365	1	0	Ant 0	25.70	25.01	1.17	-0.13	0.071	0.08	0.572	34.1	34.1	
	LTE 25	QPSK20M	Left Cheek	-	26365	1	0	Ant 0	25.70	25.01	1.17	0.04	0.288	0.34	0.572	28	28	
	LTE 25	QPSK20M	Left Tilted	-	26365	1	0	Ant 0	25.70	25.01	1.17	0.07	0.092	0.11	0.572	32.9	32.9	
	LTE 25	QPSK20M	Right Cheek	-	26365	50	0	Ant 0	24.70	24.11	1.15	0.14	0.133	0.15	0.572	30.4	30.4	
	LTE 25	QPSK20M	Right Tilted	-	26365	50	0	Ant 0	24.70	24.11	1.15	-0.08	0.049	0.06	0.572	34.8	34.8	
	LTE 25	QPSK20M	Left Cheek	-	26365	50	0	Ant 0	24.70	24.11	1.15	0.08	0.202	0.23	0.572	28.6	28.6	
	LTE 25	QPSK20M	Left Tilted	-	26365	50	0	Ant 0	24.70	24.11	1.15	0.05	0.064	0.07	0.572	33.6	33.6	
14	LTE 25	QPSK20M	Left Cheek	-	26140	1	0	Ant 0	25.70	24.92	1.20	-0.02	0.347	0.42	0.572	27.1	27.1	30.3
	LTE 25	QPSK20M	Left Cheek	-	26590	1	0	Ant 0	25.70	24.89	1.21	-0.17	0.326	0.39	0.572	27.3	27.3	
	LTE 26	QPSK15M	Right Cheek	-	26965	1	0	Ant 0	26.20	25.23	1.25	0.07	0.148	0.19	0.572	31.1	31.1	
	LTE 26	QPSK15M	Right Tilted	-	26965	1	0	Ant 0	26.20	25.23	1.25	0	0.123	0.15	0.572	31.9	31.9	
	LTE 26	QPSK15M	Left Cheek	-	26965	1	0	Ant 0	26.20	25.23	1.25	-0.04	0.179	0.22	0.572	30.3	30.3	
	LTE 26	QPSK15M	Left Tilted	-	26965	1	0	Ant 0	26.20	25.23	1.25	-0.13	0.156	0.20	0.572	30.9	30.9	
	LTE 26	QPSK15M	Right Cheek	-	26965	36	0	Ant 0	25.20	24.53	1.17	0.18	0.104	0.12	0.572	31.9	31.9	
	LTE 26	QPSK15M	Right Tilted	-	26965	36	0	Ant 0	25.20	24.53	1.17	-0.17	0.086	0.10	0.572	32.8	32.8	
15	LTE 26	QPSK15M	Left Cheek	-	26965	36	0	Ant 0	25.20	24.53	1.17	-0.14	0.125	0.15	0.572	31.1	31.1	21.2
	LTE 26	QPSK15M	Left Tilted	-	26965	36	0	Ant 0	25.20	24.53	1.17	0.05	0.109	0.13	0.572	31.7	31.7	
	LTE 26	QPSK15M	Left Cheek	-	26765	1	0	Ant 0	26.20	25.19	1.26	0.13	0.125	0.16	0.572	31.8	31.8	
	LTE 26	QPSK15M	Left Cheek	-	26865	1	0	Ant 0	26.20	25.18	1.26	-0.09	0.135	0.17	0.572	31.5	31.5	
	LTE 26	QPSK15M	Left Cheek	-	26915	1	0	Ant 0	26.20	25.15	1.27	-0.02	0.129	0.16	0.572	31.6	31.6	
	LTE 30	QPSK10M	Right Cheek	-	27710	1	0	Ant 3	24.70	22.74	1.57	-0.02	0.818	1.28	0.572	21.2	21.2	
	LTE 30	QPSK10M	Right Tilted	-	27710	1	0	Ant 3	24.70	22.74	1.57	0	0.593	0.93	0.572	22.6	22.6	
	LTE 30	QPSK10M	Left Cheek	-	27710	1	0	Ant 3	24.70	22.74	1.57	-0.09	0.416	0.65	0.572	24.1	24.1	
15	LTE 30	QPSK10M	Left Tilted	-	27710	1	0	Ant 3	24.70	22.74	1.57	0.04	0.575	0.90	0.572	22.7	22.7	21.2
	LTE 30	QPSK10M	Right Cheek	-	27710	25	0	Ant 3	23.70	22.21	1.41	0.06	0.571	0.81	0.572	22.2	22.2	
	LTE 30	QPSK10M	Right Tilted	-	27710	25	0	Ant 3	23.70	22.21	1.41	0.19	0.416	0.59	0.572	23.6	23.6	
	LTE 30	QPSK10M	Left Cheek	-	27710	25	0	Ant 3	23.70	22.21	1.41	-0.04	0.291	0.41	0.572	25.1	25.1	
	LTE 30	QPSK10M	Left Tilted	-	27710	25	0	Ant 3	23.70	22.21	1.41	0.07	0.402	0.57	0.572	23.7	23.7	
	LTE 30	QPSK10M	Right Cheek	-	27710	1	0	Ant 3	24.70	22.74	1.57	-0.18	0.781	1.23	0.572	21.4	21.4	
	LTE 30	QPSK10M	Right Tilted	-	27710	1	0	Ant 3	24.70	22.74	1.57	0	0.593	0.93	0.572	22.6	22.6	
	LTE 30	QPSK10M	Left Cheek	-	27710	1	0	Ant 3	24.70	22.74	1.57	-0.09	0.416	0.65	0.572	24.1	24.1	

Head SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
16	LTE 41	QPSK20M	Right Cheek	-	40620	1	0	Ant 3	25.70	25.53	1.04	0.02	0.984	1.02	0.572	23.2	23.2	23.2
	LTE 41	QPSK20M	Right Tilted	-	40620	1	0	Ant 3	25.70	25.53	1.04	0	0.896	0.93	0.572	23.6	23.6	
	LTE 41	QPSK20M	Left Cheek	-	40620	1	0	Ant 3	25.70	25.53	1.04	0.02	0.622	0.65	0.572	25.2	25.2	
	LTE 41	QPSK20M	Left Tilted	-	40620	1	0	Ant 3	25.70	25.53	1.04	0.07	0.546	0.57	0.572	25.7	25.7	
	LTE 41	QPSK20M	Right Cheek	-	40620	50	0	Ant 3	24.70	24.49	1.05	0.17	0.777	0.82	0.572	23.2	23.2	
	LTE 41	QPSK20M	Right Tilted	-	40620	50	0	Ant 3	24.70	24.49	1.05	-0.06	0.717	0.75	0.572	23.5	23.5	
	LTE 41	QPSK20M	Left Cheek	-	40620	50	0	Ant 3	24.70	24.49	1.05	-0.18	0.497	0.52	0.572	25.1	25.1	
	LTE 41	QPSK20M	Left Tilted	-	40620	50	0	Ant 3	24.70	24.49	1.05	-0.06	0.436	0.46	0.572	25.7	25.7	
	LTE 41	QPSK20M	Right Cheek	-	39750	1	0	Ant 3	25.70	24.18	1.42	0.17	0.329	0.47	0.572	26.6	26.6	
	LTE 41	QPSK20M	Right Cheek	-	40185	1	0	Ant 3	25.70	25.02	1.17	0.08	0.797	0.93	0.572	23.6	23.6	
	LTE 41	QPSK20M	Right Cheek	-	41055	1	0	Ant 3	25.70	25.45	1.06	0.11	0.745	0.79	0.572	24.3	24.3	
	LTE 41	QPSK20M	Right Cheek	-	41490	1	0	Ant 3	25.70	24.70	1.26	0.16	0.437	0.55	0.572	25.9	25.9	
	LTE 41	QPSK20M	Right Cheek	-	40620	1	0	Ant 3	25.70	25.53	1.04	-0.05	0.945	0.98	0.572	23.3	23.3	
17	LTE 42	QPSK20M	Right Cheek	-	43490	1	0	Ant 4	22.00	21.11	1.23	0.02	0.456	0.56	0.572	22.1	22.1	22.1
	LTE 42	QPSK20M	Right Tilted	-	43490	1	0	Ant 4	22.00	21.11	1.23	-0.11	0.186	0.23	0.572	26	26	
	LTE 42	QPSK20M	Left Cheek	-	43490	1	0	Ant 4	22.00	21.11	1.23	0.06	0.184	0.23	0.572	26	26	
	LTE 42	QPSK20M	Left Tilted	-	43490	1	0	Ant 4	22.00	21.11	1.23	-0.09	0.142	0.17	0.572	27.2	27.2	
	LTE 42	QPSK20M	Right Cheek	-	43490	50	0	Ant 4	21.00	20.06	1.24	-0.13	0.319	0.40	0.572	22.6	22.6	
	LTE 42	QPSK20M	Right Tilted	-	43490	50	0	Ant 4	21.00	20.06	1.24	-0.09	0.13	0.16	0.572	26.5	26.5	
	LTE 42	QPSK20M	Left Cheek	-	43490	50	0	Ant 4	21.00	20.06	1.24	0.03	0.129	0.16	0.572	26.5	26.5	
	LTE 42	QPSK20M	Left Tilted	-	43490	50	0	Ant 4	21.00	20.06	1.24	0.12	0.099	0.12	0.572	27.7	27.7	
	LTE 42	QPSK20M	Right Cheek	-	42190	1	0	Ant 4	22.00	21.09	1.23	0.08	0.34	0.42	0.572	23.3	23.3	
	LTE 42	QPSK20M	Right Cheek	-	43190	1	0	Ant 4	22.00	21.07	1.24	0.14	0.353	0.44	0.572	23.2	23.2	
	LTE 42	QPSK20M	Right Cheek	-	43340	1	0	Ant 4	22.00	20.98	1.26	0.09	0.337	0.42	0.572	23.3	23.3	
18	LTE 43	QPSK20M	Right Cheek	-	45490	1	0	Ant 4	22.00	21.03	1.25	-0.01	0.34	0.43	0.572	23.3	23.3	23.3
	LTE 43	QPSK20M	Right Tilted	-	45490	1	0	Ant 4	22.00	21.03	1.25	0.04	0.104	0.13	0.572	28.4	28.4	
	LTE 43	QPSK20M	Left Cheek	-	45490	1	0	Ant 4	22.00	21.03	1.25	0.01	0.207	0.26	0.572	25.4	25.4	
	LTE 43	QPSK20M	Left Tilted	-	45490	1	0	Ant 4	22.00	21.03	1.25	0.11	0.094	0.12	0.572	28.9	28.9	
	LTE 43	QPSK20M	Right Cheek	-	45490	50	0	Ant 4	21.00	19.91	1.29	-0.12	0.235	0.30	0.572	23.8	23.8	
	LTE 43	QPSK20M	Right Tilted	-	45490	50	0	Ant 4	21.00	19.91	1.29	-0.04	0.073	0.09	0.572	28.9	28.9	
	LTE 43	QPSK20M	Left Cheek	-	45490	50	0	Ant 4	21.00	19.91	1.29	0.16	0.144	0.19	0.572	25.9	25.9	
	LTE 43	QPSK20M	Left Tilted	-	45490	50	0	Ant 4	21.00	19.91	1.29	0.17	0.066	0.09	0.572	29.3	29.3	
	LTE 43	QPSK20M	Right Cheek	-	43690	1	0	Ant 4	22.00	21.01	1.26	0	0.256	0.32	0.572	24.5	24.5	
	LTE 43	QPSK20M	Right Cheek	-	44090	1	0	Ant 4	22.00	20.95	1.27	-0.18	0.243	0.31	0.572	24.7	24.7	
	LTE 43	QPSK20M	Right Cheek	-	44490	1	0	Ant 4	22.00	20.61	1.38	-0.06	0.246	0.34	0.572	24.3	24.3	
	LTE 43	QPSK20M	Right Cheek	-	44990	1	0	Ant 4	22.00	20.74	1.34	0.02	0.249	0.33	0.572	24.4	24.4	

Head SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
	LTE 48	QPSK20M	Right Cheek	-	55780	1	0	Ant 4	22.00	21.15	1.22	-0.17	0.232	0.28	0.572	25.1	25.1	23.3
	LTE 48	QPSK20M	Right Tilted	-	55780	1	0	Ant 4	22.00	21.15	1.22	0.09	0.101	0.12	0.572	28.7	28.7	
	LTE 48	QPSK20M	Left Cheek	-	55780	1	0	Ant 4	22.00	21.15	1.22	-0.15	0.135	0.16	0.572	27.4	27.4	
	LTE 48	QPSK20M	Left Tilted	-	55780	1	0	Ant 4	22.00	21.15	1.22	-0.13	0.063	0.08	0.572	30.7	30.7	
	LTE 48	QPSK20M	Right Cheek	-	55780	50	0	Ant 4	21.00	20.08	1.24	-0.1	0.162	0.20	0.572	25.6	25.6	
	LTE 48	QPSK20M	Right Tilted	-	55780	50	0	Ant 4	21.00	20.08	1.24	-0.12	0.071	0.09	0.572	29.1	29.1	
	LTE 48	QPSK20M	Left Cheek	-	55780	50	0	Ant 4	21.00	20.08	1.24	-0.13	0.095	0.12	0.572	27.9	27.9	
	LTE 48	QPSK20M	Left Tilted	-	55780	50	0	Ant 4	21.00	20.08	1.24	-0.08	0.044	0.05	0.572	31.2	31.2	
	LTE 48	QPSK20M	Right Cheek	-	55340	1	0	Ant 4	22.00	20.71	1.35	0.05	0.283	0.38	0.572	23.8	23.8	
	LTE 48	QPSK20M	Right Cheek	-	56210	1	0	Ant 4	22.00	21.09	1.23	0.11	0.291	0.36	0.572	24	24	
19	LTE 48	QPSK20M	Right Cheek	-	56640	1	0	Ant 4	22.00	20.45	1.43	-0.05	0.294	0.42	0.572	23.3	23.3	35
20	LTE 53	QPSK10M	Right Cheek	-	60197	1	0	Ant 1	21.00	20.48	1.13	0.1	0.02	0.02	0.572	35	35	
	LTE 53	QPSK10M	Right Tilted	-	60197	1	0	Ant 1	21.00	20.48	1.13	-0.03	0.004	0.00	0.572	42	42	
	LTE 53	QPSK10M	Left Cheek	-	60197	1	0	Ant 1	21.00	20.48	1.13	-0.16	0.011	0.01	0.572	37.6	37.6	
	LTE 53	QPSK10M	Left Tilted	-	60197	1	0	Ant 1	21.00	20.48	1.13	0.1	0.003	0.00	0.572	43.3	43.3	
	LTE 53	QPSK10M	Right Cheek	-	60197	25	12	Ant 1	20.00	19.54	1.11	-0.08	0.012	0.01	0.572	36.3	36.3	
	LTE 53	QPSK10M	Right Tilted	-	60197	25	12	Ant 1	20.00	19.54	1.11	-0.14	0.003	0.00	0.572	42.3	42.3	
	LTE 53	QPSK10M	Left Cheek	-	60197	25	12	Ant 1	20.00	19.54	1.11	0.02	0.008	0.01	0.572	38.1	38.1	
	LTE 53	QPSK10M	Left Tilted	-	60197	25	12	Ant 1	20.00	19.54	1.11	0.06	0.002	0.00	0.572	44.1	44.1	
	LTE 53	QPSK10M	Right Cheek	-	60190	1	0	Ant 1	21.00	20.42	1.14	0.1	0.013	0.01	0.572	36.9	36.9	
	LTE 53	QPSK10M	Right Cheek	-	60205	1	0	Ant 1	21.00	20.38	1.15	-0.05	0.011	0.01	0.572	37.5	37.5	26
	LTE 66	QPSK20M	Right Cheek	-	132572	1	0	Ant 0	25.70	25.45	1.06	0.15	0.233	0.25	0.572	29.4	29.4	
	LTE 66	QPSK20M	Right Tilted	-	132572	1	0	Ant 0	25.70	25.45	1.06	-0.06	0.17	0.18	0.572	30.7	30.7	
21	LTE 66	QPSK20M	Left Cheek	-	132572	1	0	Ant 0	25.70	25.45	1.06	0.02	0.501	0.53	0.572	26	26	
	LTE 66	QPSK20M	Left Tilted	-	132572	1	0	Ant 0	25.70	25.45	1.06	-0.19	0.2	0.21	0.572	30	30	
	LTE 66	QPSK20M	Right Cheek	-	132572	50	0	Ant 0	24.70	24.58	1.03	-0.12	0.163	0.17	0.572	30	30	
	LTE 66	QPSK20M	Right Tilted	-	132572	50	0	Ant 0	24.70	24.58	1.03	-0.08	0.119	0.12	0.572	31.4	31.4	
	LTE 66	QPSK20M	Left Cheek	-	132572	50	0	Ant 0	24.70	24.58	1.03	0.16	0.35	0.36	0.572	26.7	26.7	
	LTE 66	QPSK20M	Left Tilted	-	132572	50	0	Ant 0	24.70	24.58	1.03	0.05	0.14	0.14	0.572	30.7	30.7	
	LTE 66	QPSK20M	Left Cheek	-	132072	1	0	Ant 0	25.70	25.42	1.07	0.18	0.481	0.51	0.572	26.2	26.2	
	LTE 66	QPSK20M	Left Cheek	-	132322	1	0	Ant 0	25.70	25.39	1.07	-0.18	0.471	0.50	0.572	26.2	26.2	27.6
22	LTE 70	QPSK15M	Right Cheek	-	133047	1	0	Ant 2	25.70	25.28	1.10	0.02	0.338	0.37	0.572	27.6	27.6	
	LTE 70	QPSK15M	Right Tilted	-	133047	1	0	Ant 2	25.70	25.28	1.10	-0.07	0.185	0.20	0.572	30.2	30.2	
	LTE 70	QPSK15M	Left Cheek	-	133047	1	0	Ant 2	25.70	25.28	1.10	0.01	0.192	0.21	0.572	30	30	
	LTE 70	QPSK15M	Left Tilted	-	133047	1	0	Ant 2	25.70	25.28	1.10	-0.06	0.08	0.09	0.572	33.8	33.8	
	LTE 70	QPSK15M	Right Cheek	-	133047	36	0	Ant 2	24.70	24.62	1.02	-0.08	0.236	0.24	0.572	28.5	28.5	
	LTE 70	QPSK15M	Right Tilted	-	133047	36	0	Ant 2	24.70	24.62	1.02	0.09	0.129	0.13	0.572	31.1	31.1	
	LTE 70	QPSK15M	Left Cheek	-	133047	36	0	Ant 2	24.70	24.62	1.02	0.04	0.134	0.14	0.572	30.9	30.9	
	LTE 70	QPSK15M	Left Tilted	-	133047	36	0	Ant 2	24.70	24.62	1.02	-0.13	0.056	0.06	0.572	34.7	34.7	

Head SAR Test Result

System & Position								DUT		SAR						Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum	
	LTE 71	QPSK20M	Right Cheek	-	133372	1	0	Ant 0	26.20	24.68	1.42	0.02	0.015	0.02	0.572	40.5	40.5	38.5	
	LTE 71	QPSK20M	Right Tilted	-	133372	1	0	Ant 0	26.20	24.68	1.42	0.05	0.01	0.01	0.572	42.3	42.3		
23	LTE 71	QPSK20M	Left Cheek	-	133372	1	0	Ant 0	26.20	24.68	1.42	-0.04	0.024	0.03	0.572	38.5	38.5		
	LTE 71	QPSK20M	Left Tilted	-	133372	1	0	Ant 0	26.20	24.68	1.42	0.14	0.011	0.02	0.572	41.8	41.8		
	LTE 71	QPSK20M	Right Cheek	-	133372	50	0	Ant 0	25.20	23.94	1.34	-0.12	0.01	0.01	0.572	41.5	41.5		
	LTE 71	QPSK20M	Right Tilted	-	133372	50	0	Ant 0	25.20	23.94	1.34	0.15	0.007	0.01	0.572	43.1	43.1		
	LTE 71	QPSK20M	Left Cheek	-	133372	50	0	Ant 0	25.20	23.94	1.34	0.07	0.016	0.02	0.572	39.5	39.5		
	LTE 71	QPSK20M	Left Tilted	-	133372	50	0	Ant 0	25.20	23.94	1.34	0.15	0.013	0.02	0.572	40.4	40.4		
	LTE 71	QPSK20M	Left Cheek	-	133222	1	0	Ant 0	26.20	24.55	1.46	-0.16	0.015	0.02	0.572	40.4	40.4		
	LTE 71	QPSK20M	Left Cheek	-	133297	1	0	Ant 0	26.20	24.63	1.44	0.19	0.013	0.02	0.572	41.1	41.1		
24	5GNR-n7	QPSK20M	Right Cheek	-	502000	1	1	Ant 3	25.70	25.43	1.06	0.04	1.13	1.20	0.572	22.5	22.5	22.5	
	5GNR-n7	QPSK20M	Right Tilted	-	502000	1	1	Ant 3	25.70	25.43	1.06	0.06	1.07	1.13	0.572	22.7	22.7		
	5GNR-n7	QPSK20M	Left Cheek	-	502000	1	1	Ant 3	25.70	25.43	1.06	-0.04	0.8	0.85	0.572	24	24		
	5GNR-n7	QPSK20M	Left Tilted	-	502000	1	1	Ant 3	25.70	25.43	1.06	-0.11	0.76	0.81	0.572	24.2	24.2		
	5GNR-n7	QPSK20M	Right Cheek	-	502000	50	28	Ant 3	25.70	25.36	1.08	-0.06	1.01	1.09	0.572	22.9	22.9		
	5GNR-n7	QPSK20M	Right Tilted	-	502000	50	28	Ant 3	25.70	25.36	1.08	0.16	0.968	1.05	0.572	23.1	23.1		
	5GNR-n7	QPSK20M	Left Cheek	-	502000	50	28	Ant 3	25.70	25.36	1.08	-0.13	0.721	0.78	0.572	24.4	24.4		
	5GNR-n7	QPSK20M	Left Tilted	-	502000	50	28	Ant 3	25.70	25.36	1.08	0.04	0.684	0.74	0.572	24.6	24.6		
	5GNR-n7	QPSK20M	Right Cheek	-	507000	1	53	Ant 3	25.70	25.28	1.10	0	0.975	1.07	0.572	23	23		
	5GNR-n7	QPSK20M	Right Cheek	-	512000	1	53	Ant 3	25.70	25.19	1.12	-0.11	1	1.12	0.572	22.8	22.8		
	5GNR-n7	QPSK20M	Right Cheek	-	502000	1	1	Ant 3	25.70	25.43	1.06	-0.15	1.02	1.08	0.572	22.9	22.9		
	5GNR-n12	QPSK15M	Right Cheek	-	141300	1	1	Ant 0	25.70	25.12	1.14	0.02	0.039	0.04	0.572	36.8	36.8	35.1	
	5GNR-n12	QPSK15M	Right Tilted	-	141300	1	1	Ant 0	25.70	25.12	1.14	0	<0.001	0.00	0.572	52.7	52.7		
25	5GNR-n12	QPSK15M	Left Cheek	-	141300	1	1	Ant 0	25.70	25.12	1.14	0.11	0.057	0.06	0.572	35.1	35.1		
	5GNR-n12	QPSK15M	Left Tilted	-	141300	1	1	Ant 0	25.70	25.12	1.14	0	<0.001	0.00	0.572	52.7	52.7		
	5GNR-n12	QPSK15M	Right Cheek	-	141300	36	22	Ant 0	25.70	25.06	1.16	-0.16	0.035	0.04	0.572	37.2	37.2		
	5GNR-n12	QPSK15M	Right Tilted	-	141300	36	22	Ant 0	25.70	25.06	1.16	0	<0.001	0.00	0.572	52.6	52.6		
	5GNR-n12	QPSK15M	Left Cheek	-	141300	36	22	Ant 0	25.70	25.06	1.16	-0.15	0.045	0.05	0.572	36.1	36.1		
	5GNR-n12	QPSK15M	Left Tilted	-	141300	36	22	Ant 0	25.70	25.06	1.16	0	<0.001	0.00	0.572	52.6	52.6		
	5GNR-n12	QPSK15M	Left Cheek	-	141500	1	77	Ant 0	25.70	24.99	1.18	-0.13	0.036	0.04	0.572	37	37		
	5GNR-n12	QPSK15M	Left Cheek	-	141700	1	77	Ant 0	25.70	24.96	1.19	0.18	0.033	0.04	0.572	37.3	37.3		
	5GNR-n13	QPSK10M	Right Cheek	-	156400	1	1	Ant 0	25.70	25.14	1.14	0.09	0.15	0.17	0.572	31	31	30.5	
	5GNR-n13	QPSK10M	Right Tilted	-	156400	1	1	Ant 0	25.70	25.14	1.14	0.06	0.077	0.09	0.572	33.8	33.8		
26	5GNR-n13	QPSK10M	Left Cheek	-	156400	1	1	Ant 0	25.70	25.14	1.14	-0.15	0.166	0.19	0.572	30.5	30.5		
	5GNR-n13	QPSK10M	Left Tilted	-	156400	1	1	Ant 0	25.70	25.14	1.14	0.14	0.13	0.15	0.572	31.6	31.6		
	5GNR-n13	QPSK10M	Right Cheek	-	156400	25	14	Ant 0	25.70	25.06	1.16	0.06	0.143	0.17	0.572	31.1	31.1		
	5GNR-n13	QPSK10M	Right Tilted	-	156400	25	14	Ant 0	25.70	25.06	1.16	-0.14	0.073	0.08	0.572	34	34		
	5GNR-n13	QPSK10M	Left Cheek	-	156400	25	14	Ant 0	25.70	25.06	1.16	0.02	0.157	0.18	0.572	30.7	30.7		
	5GNR-n13	QPSK10M	Left Tilted	-	156400	25	14	Ant 0	25.70	25.06	1.16	0.06	0.123	0.14	0.572	31.7	31.7		

Head SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
27	5GNR-n14	QPSK10M	Right Cheek	-	158600	1	1	Ant 0	25.70	25.24	1.11	0.08	0.096	0.11	0.572	33	33	32.6
	5GNR-n14	QPSK10M	Right Tilted	-	158600	1	1	Ant 0	25.70	25.24	1.11	-0.15	0.077	0.09	0.572	33.9	33.9	
	5GNR-n14	QPSK10M	Left Cheek	-	158600	1	1	Ant 0	25.70	25.24	1.11	0.14	0.104	0.12	0.572	32.6	32.6	
	5GNR-n14	QPSK10M	Left Tilted	-	158600	1	1	Ant 0	25.70	25.24	1.11	0.11	0.053	0.06	0.572	35.6	35.6	
	5GNR-n14	QPSK10M	Right Cheek	-	158600	25	14	Ant 0	25.70	25.15	1.14	-0.14	0.091	0.10	0.572	33.1	33.1	
	5GNR-n14	QPSK10M	Right Tilted	-	158600	25	14	Ant 0	25.70	25.15	1.14	-0.08	0.073	0.08	0.572	34.1	34.1	
	5GNR-n14	QPSK10M	Left Cheek	-	158600	25	14	Ant 0	25.70	25.15	1.14	-0.16	0.098	0.11	0.572	32.8	32.8	
	5GNR-n14	QPSK10M	Left Tilted	-	158600	25	14	Ant 0	25.70	25.15	1.14	-0.09	0.05	0.06	0.572	35.7	35.7	
28	5GNR-n25	QPSK20M	Right Cheek	-	376500	1	1	Ant 0	25.70	25.23	1.11	0.09	0.145	0.16	0.572	31.2	31.2	27.3
	5GNR-n25	QPSK20M	Right Tilted	-	376500	1	1	Ant 0	25.70	25.23	1.11	0.1	0.099	0.11	0.572	32.8	32.8	
	5GNR-n25	QPSK20M	Left Cheek	-	376500	1	1	Ant 0	25.70	25.23	1.11	-0.15	0.353	0.39	0.572	27.3	27.3	
	5GNR-n25	QPSK20M	Left Tilted	-	376500	1	1	Ant 0	25.70	25.23	1.11	0.14	0.102	0.11	0.572	32.7	32.7	
	5GNR-n25	QPSK20M	Right Cheek	-	376500	50	28	Ant 0	25.70	25.11	1.15	-0.1	0.105	0.12	0.572	32.5	32.5	
	5GNR-n25	QPSK20M	Right Tilted	-	376500	50	28	Ant 0	25.70	25.11	1.15	-0.07	0.054	0.06	0.572	35.4	35.4	
	5GNR-n25	QPSK20M	Left Cheek	-	376500	50	28	Ant 0	25.70	25.11	1.15	0.17	0.116	0.13	0.572	32	32	
	5GNR-n25	QPSK20M	Left Tilted	-	376500	50	28	Ant 0	25.70	25.11	1.15	-0.04	0.091	0.10	0.572	33.1	33.1	
	5GNR-n25	QPSK20M	Left Cheek	-	372000	1	1	Ant 0	25.70	25.16	1.13	0.12	0.336	0.38	0.572	27.5	27.5	
	5GNR-n25	QPSK20M	Left Cheek	-	381000	1	1	Ant 0	25.70	24.92	1.20	0.1	0.318	0.38	0.572	27.5	27.5	
29	5GNR-n26	QPSK20M	Right Cheek	-	167800	1	1	Ant 0	25.70	25.39	1.07	-0.15	0.131	0.14	0.572	31.8	31.8	31.1
	5GNR-n26	QPSK20M	Right Tilted	-	167800	1	1	Ant 0	25.70	25.39	1.07	0.16	0.08	0.09	0.572	33.9	33.9	
	5GNR-n26	QPSK20M	Left Cheek	-	167800	1	1	Ant 0	25.70	25.39	1.07	0.04	0.152	0.16	0.572	31.1	31.1	
	5GNR-n26	QPSK20M	Left Tilted	-	167800	1	1	Ant 0	25.70	25.39	1.07	0.06	0.109	0.12	0.572	32.6	32.6	
	5GNR-n26	QPSK20M	Right Cheek	-	167800	50	28	Ant 0	25.70	25.35	1.08	0.17	0.118	0.13	0.572	32.2	32.2	
	5GNR-n26	QPSK20M	Right Tilted	-	167800	50	28	Ant 0	25.70	25.35	1.08	-0.18	0.072	0.08	0.572	34.4	34.4	
	5GNR-n26	QPSK20M	Left Cheek	-	167800	50	28	Ant 0	25.70	25.35	1.08	-0.14	0.136	0.15	0.572	31.6	31.6	
	5GNR-n26	QPSK20M	Left Tilted	-	167800	50	28	Ant 0	25.70	25.35	1.08	-0.01	0.098	0.11	0.572	33	33	
	5GNR-n26	QPSK20M	Left Cheek	-	164800	1	1	Ant 0	25.70	25.34	1.09	-0.01	0.127	0.14	0.572	31.9	31.9	
	5GNR-n26	QPSK20M	Left Cheek	-	166300	1	1	Ant 0	25.70	25.29	1.10	0.02	0.138	0.15	0.572	31.5	31.5	
	5GNR-n26	QPSK20M	Left Cheek	-	166800	1	1	Ant 0	25.70	25.24	1.11	0.07	0.138	0.15	0.572	31.4	31.4	
	5GNR-n26	QPSK20M	Left Cheek	-	167300	1	1	Ant 0	25.70	25.32	1.09	0.07	0.136	0.15	0.572	31.6	31.6	
30	5GNR-n30	QPSK10M	Right Cheek	-	462000	1	1	Ant 3	22.50	22.49	1.00	0.02	0.864	0.86	0.572	20.7	20.7	20.7
	5GNR-n30	QPSK10M	Right Tilted	-	462000	1	1	Ant 3	22.50	22.49	1.00	-0.12	0.63	0.63	0.572	22.1	22.1	
	5GNR-n30	QPSK10M	Left Cheek	-	462000	1	1	Ant 3	22.50	22.49	1.00	-0.1	0.555	0.56	0.572	22.6	22.6	
	5GNR-n30	QPSK10M	Left Tilted	-	462000	1	1	Ant 3	22.50	22.49	1.00	-0.1	0.627	0.63	0.572	22.1	22.1	
	5GNR-n30	QPSK10M	Right Cheek	-	462000	25	14	Ant 3	22.50	22.36	1.03	0.04	0.777	0.80	0.572	21	21	
	5GNR-n30	QPSK10M	Right Tilted	-	462000	25	14	Ant 3	22.50	22.36	1.03	0.12	0.566	0.58	0.572	22.4	22.4	
	5GNR-n30	QPSK10M	Left Cheek	-	462000	25	14	Ant 3	22.50	22.36	1.03	0	0.499	0.51	0.572	23	23	
	5GNR-n30	QPSK10M	Left Tilted	-	462000	25	14	Ant 3	22.50	22.36	1.03	0.14	0.564	0.58	0.572	22.4	22.4	
	5GNR-n30	QPSK10M	Right Cheek	-	462000	1	1	Ant 3	22.50	22.49	1.00	0.06	0.823	0.82	0.572	20.9	20.9	

Head SAR Test Result

System & Position								DUT	SAR						Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
31	5GNR-n41_HPUE	QPSK100M	Right Cheek	-	518598	1	1	Ant 3	27.00	26.49	1.12	-0.04	1.19	1.33	0.572	23.3	23.3	23.3
	5GNR-n41_HPUE	QPSK100M	Right Tilted	-	518598	1	1	Ant 3	27.00	26.49	1.12	-0.1	1.02	1.14	0.572	24	24	
	5GNR-n41_HPUE	QPSK100M	Left Cheek	-	518598	1	1	Ant 3	27.00	26.49	1.12	-0.04	0.645	0.72	0.572	26	26	
	5GNR-n41_HPUE	QPSK100M	Left Tilted	-	518598	1	1	Ant 3	27.00	26.49	1.12	0.09	0.632	0.71	0.572	26.1	26.1	
	5GNR-n41_HPUE	QPSK100M	Right Cheek	-	518598	135	69	Ant 3	27.00	26.43	1.14	0.13	1.12	1.28	0.572	23.5	23.5	
	5GNR-n41_HPUE	QPSK100M	Right Tilted	-	518598	135	69	Ant 3	27.00	26.43	1.14	0.18	0.977	1.11	0.572	24.1	24.1	
	5GNR-n41_HPUE	QPSK100M	Left Cheek	-	518598	135	69	Ant 3	27.00	26.43	1.14	-0.18	0.613	0.70	0.572	26.1	26.1	
	5GNR-n41_HPUE	QPSK100M	Left Tilted	-	518598	135	69	Ant 3	27.00	26.43	1.14	0.05	0.601	0.69	0.572	26.2	26.2	
	5GNR-n41_HPUE	QPSK100M	Right Cheek	-	518598	1	1	Ant 1+3	27.00	26.48	1.13	0.05	0.929	1.05	0.572	24.4	24.4	24.4
	5GNR-n41_HPUE	QPSK100M	Right Tilted	-	518598	1	1	Ant 1+3	27.00	26.48	1.13	0.19	0.782	0.88	0.572	25.1	25.1	
	5GNR-n41_HPUE	QPSK100M	Left Cheek	-	518598	1	1	Ant 1+3	27.00	26.48	1.13	-0.19	0.608	0.69	0.572	26.2	26.2	
	5GNR-n41_HPUE	QPSK100M	Left Tilted	-	518598	1	1	Ant 1+3	27.00	26.48	1.13	-0.08	0.491	0.55	0.572	27.1	27.1	
	5GNR-n41_HPUE	QPSK100M	Right Cheek	-	518598	135	69	Ant 1+3	27.00	26.37	1.16	0.16	0.836	0.97	0.572	24.7	24.7	
	5GNR-n41_HPUE	QPSK100M	Right Tilted	-	518598	135	69	Ant 1+3	27.00	26.37	1.16	0.1	0.704	0.82	0.572	25.5	25.5	
	5GNR-n41_HPUE	QPSK100M	Left Cheek	-	518598	135	69	Ant 1+3	27.00	26.37	1.16	-0.1	0.548	0.64	0.572	26.6	26.6	
	5GNR-n41_HPUE	QPSK100M	Left Tilted	-	518598	135	69	Ant 1+3	27.00	26.37	1.16	0.12	0.442	0.51	0.572	27.5	27.5	
	5GNR-n41_HPUE	QPSK100M	Right Cheek	-	509202	1	1	Ant 3	27.00	25.19	1.52	0.07	0.782	1.19	0.572	23.8	23.8	23.3
	5GNR-n41_HPUE	QPSK100M	Right Cheek	-	513900	1	137	Ant 3	27.00	25.18	1.52	-0.02	0.768	1.17	0.572	23.9	23.9	
	5GNR-n41_HPUE	QPSK100M	Right Cheek	-	523302	1	1	Ant 3	27.00	26.43	1.14	-0.17	1.08	1.23	0.572	23.7	23.7	
	5GNR-n41_HPUE	QPSK100M	Right Cheek	-	528000	1	1	Ant 3	27.00	26.06	1.24	0.15	1.02	1.26	0.572	23.5	23.5	
	5GNR-n41_HPUE	QPSK100M	Right Cheek	-	518598	1	1	Ant 3	27.00	26.49	1.12	-0.03	1.14	1.28	0.572	23.5	23.5	

Head SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
	5GNR-n48	QPSK40M	Right Cheek	-	638000	1	1	Ant 4	21.50	21.48	1.00	0.07	0.288	0.29	0.572	24.5	24.5	23.9
	5GNR-n48	QPSK40M	Right Tilted	-	638000	1	1	Ant 4	21.50	21.48	1.00	-0.14	0.095	0.10	0.572	29.3	29.3	
	5GNR-n48	QPSK40M	Left Cheek	-	638000	1	1	Ant 4	21.50	21.48	1.00	0.07	0.127	0.13	0.572	28	28	
	5GNR-n48	QPSK40M	Left Tilted	-	638000	1	1	Ant 4	21.50	21.48	1.00	-0.11	0.108	0.11	0.572	28.7	28.7	
	5GNR-n48	QPSK40M	Right Cheek	-	638000	50	28	Ant 4	21.50	21.42	1.02	0.13	0.259	0.26	0.572	24.9	24.9	
	5GNR-n48	QPSK40M	Right Tilted	-	638000	50	28	Ant 4	21.50	21.42	1.02	0.06	0.085	0.09	0.572	29.7	29.7	
	5GNR-n48	QPSK40M	Left Cheek	-	638000	50	28	Ant 4	21.50	21.42	1.02	-0.14	0.114	0.12	0.572	28.4	28.4	
	5GNR-n48	QPSK40M	Left Tilted	-	638000	50	28	Ant 4	21.50	21.42	1.02	0.12	0.097	0.10	0.572	29.1	29.1	
	5GNR-n48	QPSK40M	Right Cheek	-	638000	1	1	Ant 4+7	21.50	21.31	1.04	0.14	0.131	0.14	0.572	27.7	27.7	27.7
	5GNR-n48	QPSK40M	Right Tilted	-	638000	1	1	Ant 4+7	21.50	21.31	1.04	0.14	0.06	0.06	0.572	31.1	31.1	
	5GNR-n48	QPSK40M	Left Cheek	-	638000	1	1	Ant 4+7	21.50	21.31	1.04	0	0.078	0.08	0.572	30	30	
	5GNR-n48	QPSK40M	Left Tilted	-	638000	1	1	Ant 4+7	21.50	21.31	1.04	0.13	0.06	0.06	0.572	31.1	31.1	
	5GNR-n48	QPSK40M	Right Cheek	-	638000	50	28	Ant 4+7	21.50	21.27	1.05	0.13	0.117	0.12	0.572	28.2	28.2	
	5GNR-n48	QPSK40M	Right Tilted	-	638000	50	28	Ant 4+7	21.50	21.27	1.05	-0.03	0.054	0.06	0.572	31.5	31.5	
	5GNR-n48	QPSK40M	Left Cheek	-	638000	50	28	Ant 4+7	21.50	21.27	1.05	-0.12	0.07	0.07	0.572	30.4	30.4	
	5GNR-n48	QPSK40M	Left Tilted	-	638000	50	28	Ant 4+7	21.50	21.27	1.05	0.03	0.054	0.06	0.572	31.5	31.5	
	5GNR-n48	QPSK40M	Right Cheek	-	640444	1	1	Ant 4	21.50	21.45	1.01	0.03	0.262	0.26	0.572	24.8	24.8	23.9
	5GNR-n48	QPSK40M	Right Cheek	-	642888	1	1	Ant 4	21.50	21.44	1.01	-0.05	0.29	0.29	0.572	24.4	24.4	
32	5GNR-n48	QPSK40M	Right Cheek	-	645332	1	1	Ant 4	21.50	21.21	1.07	0.08	0.306	0.33	0.572	23.9	23.9	
33	5GNR-n53	QPSK10M	Right Cheek	-	497800	1	1	Ant 1	21.00	20.87	1.03	0.11	0.017	0.02	0.572	36.1	36.1	36.1
	5GNR-n53	QPSK10M	Right Tilted	-	497800	1	1	Ant 1	21.00	20.87	1.03	-0.18	0.005	0.01	0.572	41.5	41.5	
	5GNR-n53	QPSK10M	Left Cheek	-	497800	1	1	Ant 1	21.00	20.87	1.03	-0.08	0.011	0.01	0.572	38	38	
	5GNR-n53	QPSK10M	Left Tilted	-	497800	1	1	Ant 1	21.00	20.87	1.03	0.13	0.005	0.01	0.572	41.5	41.5	
	5GNR-n53	QPSK10M	Right Cheek	-	497800	12	6	Ant 1	21.00	20.72	1.07	0.13	0.014	0.01	0.572	36.8	36.8	
	5GNR-n53	QPSK10M	Right Tilted	-	497800	12	6	Ant 1	21.00	20.72	1.07	0.12	0.005	0.01	0.572	41.3	41.3	
	5GNR-n53	QPSK10M	Left Cheek	-	497800	12	6	Ant 1	21.00	20.72	1.07	-0.19	0.011	0.01	0.572	37.9	37.9	
	5GNR-n53	QPSK10M	Left Tilted	-	497800	12	6	Ant 1	21.00	20.72	1.07	-0.04	0.005	0.01	0.572	41.3	41.3	
	5GNR-n53	QPSK10M	Right Cheek	-	497700	1	1	Ant 1	21.00	20.85	1.04	-0.19	0.014	0.01	0.572	37	37	
	5GNR-n53	QPSK10M	Right Cheek	-	498000	1	1	Ant 1	21.00	20.82	1.04	0.12	0.014	0.01	0.572	36.9	36.9	
	5GNR-n66	QPSK20M	Right Cheek	-	349000	1	1	Ant 0	25.70	24.65	1.27	-0.03	0.18	0.23	0.572	29.7	29.7	25.8
	5GNR-n66	QPSK20M	Right Tilted	-	349000	1	1	Ant 0	25.70	24.65	1.27	0.08	0.114	0.14	0.572	31.7	31.7	
34	5GNR-n66	QPSK20M	Left Cheek	-	349000	1	1	Ant 0	25.70	24.65	1.27	-0.15	0.437	0.55	0.572	25.8	25.8	
	5GNR-n66	QPSK20M	Left Tilted	-	349000	1	1	Ant 0	25.70	24.65	1.27	-0.13	0.107	0.14	0.572	31.9	31.9	
	5GNR-n66	QPSK20M	Right Cheek	-	349000	50	28	Ant 0	25.70	24.56	1.30	0.17	0.162	0.21	0.572	30	30	
	5GNR-n66	QPSK20M	Right Tilted	-	349000	50	28	Ant 0	25.70	24.56	1.30	0.17	0.102	0.13	0.572	32	32	
	5GNR-n66	QPSK20M	Left Cheek	-	349000	50	28	Ant 0	25.70	24.56	1.30	0.02	0.393	0.51	0.572	26.2	26.2	
	5GNR-n66	QPSK20M	Left Tilted	-	349000	50	28	Ant 0	25.70	24.56	1.30	0.03	0.096	0.12	0.572	32.3	32.3	
	5GNR-n66	QPSK20M	Left Cheek	-	344000	1	1	Ant 0	25.70	24.45	1.33	0.14	0.37	0.49	0.572	26.3	26.3	
	5GNR-n66	QPSK20M	Left Cheek	-	354000	1	1	Ant 0	25.70	24.26	1.39	0.05	0.349	0.49	0.572	26.4	26.4	

Head SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
35	5GNR-n70	QPSK15M	Right Cheek	-	340500	1	1	Ant 2	25.70	25.49	1.05	0.16	0.271	0.28	0.572	28.7	28.7	28.7
	5GNR-n70	QPSK15M	Right Tilted	-	340500	1	1	Ant 2	25.70	25.49	1.05	0.14	0.093	0.10	0.572	33.4	33.4	
	5GNR-n70	QPSK15M	Left Cheek	-	340500	1	1	Ant 2	25.70	25.49	1.05	0.17	0.144	0.15	0.572	31.5	31.5	
	5GNR-n70	QPSK15M	Left Tilted	-	340500	1	1	Ant 2	25.70	25.49	1.05	0.1	0.081	0.09	0.572	34	34	
	5GNR-n70	QPSK15M	Right Cheek	-	340500	36	22	Ant 2	25.70	25.43	1.06	0.14	0.243	0.26	0.572	29.1	29.1	
	5GNR-n70	QPSK15M	Right Tilted	-	340500	36	22	Ant 2	25.70	25.43	1.06	0.15	0.083	0.09	0.572	33.8	33.8	
	5GNR-n70	QPSK15M	Left Cheek	-	340500	36	22	Ant 2	25.70	25.43	1.06	0.18	0.13	0.14	0.572	31.9	31.9	
	5GNR-n70	QPSK15M	Left Tilted	-	340500	36	22	Ant 2	25.70	25.43	1.06	-0.11	0.072	0.08	0.572	34.4	34.4	
	5GNR-n71	QPSK20M	Right Cheek	-	136100	1	1	Ant 0	25.70	25.14	1.14	-0.08	0.025	0.03	0.572	38.7	38.7	36.6
	5GNR-n71	QPSK20M	Right Tilted	-	136100	1	1	Ant 0	25.70	25.14	1.14	-0.04	0.022	0.03	0.572	39.3	39.3	
36	5GNR-n71	QPSK20M	Left Cheek	-	136100	1	1	Ant 0	25.70	25.14	1.14	-0.02	0.041	0.05	0.572	36.6	36.6	
	5GNR-n71	QPSK20M	Left Tilted	-	136100	1	1	Ant 0	25.70	25.14	1.14	0.17	0.015	0.02	0.572	41	41	
	5GNR-n71	QPSK20M	Right Cheek	-	136100	50	28	Ant 0	25.70	25.06	1.16	-0.03	0.022	0.03	0.572	39.2	39.2	
	5GNR-n71	QPSK20M	Right Tilted	-	136100	50	28	Ant 0	25.70	25.06	1.16	0.18	0.019	0.02	0.572	39.8	39.8	
	5GNR-n71	QPSK20M	Left Cheek	-	136100	50	28	Ant 0	25.70	25.06	1.16	0.16	0.036	0.04	0.572	37.1	37.1	
	5GNR-n71	QPSK20M	Left Tilted	-	136100	50	28	Ant 0	25.70	25.06	1.16	0.02	0.014	0.02	0.572	41.2	41.2	
	5GNR-n71	QPSK20M	Left Cheek	-	134600	1	1	Ant 0	25.70	24.61	1.29	0.12	0.032	0.04	0.572	37.1	37.1	24.7
	5GNR-n71	QPSK20M	Left Cheek	-	137600	1	1	Ant 0	25.70	25.02	1.17	0.16	0.026	0.03	0.572	38.4	38.4	
37	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	653000	1	1	Ant 4	29.00	28.93	1.02	-0.01	1.5	1.53	0.572	24.7	24.7	
	5GNR-n77_HPUE	QPSK100M	Right Tilted	-	653000	1	1	Ant 4	29.00	28.93	1.02	0.05	0.489	0.50	0.572	29.6	29.6	
	5GNR-n77_HPUE	QPSK100M	Left Cheek	-	653000	1	1	Ant 4	29.00	28.93	1.02	-0.1	0.653	0.67	0.572	28.4	28.4	
	5GNR-n77_HPUE	QPSK100M	Left Tilted	-	653000	1	1	Ant 4	29.00	28.93	1.02	0.05	0.558	0.57	0.572	29	29	
	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	653000	135	69	Ant 4	29.00	28.58	1.10	-0.11	1.2	1.32	0.572	25.4	25.4	
	5GNR-n77_HPUE	QPSK100M	Right Tilted	-	653000	135	69	Ant 4	29.00	28.58	1.10	-0.14	0.401	0.44	0.572	30.1	30.1	
	5GNR-n77_HPUE	QPSK100M	Left Cheek	-	653000	135	69	Ant 4	29.00	28.58	1.10	0.07	0.517	0.57	0.572	29	29	
	5GNR-n77_HPUE	QPSK100M	Left Tilted	-	653000	135	69	Ant 4	29.00	28.58	1.10	-0.14	0.491	0.54	0.572	29.2	29.2	25.1
	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	653000	1	1	Ant 4+7	29.00	28.21	1.20	0.12	1.16	1.39	0.572	25.1	25.1	
	5GNR-n77_HPUE	QPSK100M	Right Tilted	-	653000	1	1	Ant 4+7	29.00	28.21	1.20	-0.05	0.533	0.64	0.572	28.5	28.5	
	5GNR-n77_HPUE	QPSK100M	Left Cheek	-	653000	1	1	Ant 4+7	29.00	28.21	1.20	-0.09	0.696	0.84	0.572	27.4	27.4	
	5GNR-n77_HPUE	QPSK100M	Left Tilted	-	653000	1	1	Ant 4+7	29.00	28.21	1.20	-0.18	0.533	0.64	0.572	28.5	28.5	
	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	653000	135	69	Ant 4+7	29.00	28.13	1.22	0.01	1.04	1.27	0.572	25.5	25.5	
	5GNR-n77_HPUE	QPSK100M	Right Tilted	-	653000	135	69	Ant 4+7	29.00	28.13	1.22	-0.05	0.481	0.59	0.572	28.9	28.9	
	5GNR-n77_HPUE	QPSK100M	Left Cheek	-	653000	135	69	Ant 4+7	29.00	28.13	1.22	0.09	0.627	0.76	0.572	27.7	27.7	
	5GNR-n77_HPUE	QPSK100M	Left Tilted	-	653000	135	69	Ant 4+7	29.00	28.13	1.22	0.07	0.481	0.59	0.572	28.9	28.9	24.7
	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	633334	1	1	Ant 4	29.00	28.22	1.20	-0.09	0.886	1.06	0.572	26.3	26.3	
	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	650000	1	1	Ant 4	29.00	28.89	1.03	-0.02	1.22	1.26	0.572	25.6	25.6	
	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	656000	1	1	Ant 4	29.00	28.86	1.03	-0.04	0.671	0.69	0.572	28.2	28.2	
	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	659000	1	1	Ant 4	29.00	28.81	1.04	0.03	0.741	0.77	0.572	27.7	27.7	
	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	662000	1	1	Ant 4	29.00	28.53	1.11	0.01	1.1	1.22	0.572	25.7	25.7	
	5GNR-n77_HPUE	QPSK100M	Right Cheek	-	653000	1	1	Ant 4	29.00	28.93	1.02	-0.17	1.43	1.46	0.572	25	25	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
	WCDMA II	RMC12.2K	Front Face	5	9262			Ant 0	26.70	25.16	1.43	0.11	0.832	1.19	0.572	23.5	23.5	21.1
	WCDMA II	RMC12.2K	Rear Face	5	9262			Ant 0	26.70	25.16	1.43	0	1.17	1.67	0.572	22.1	22.1	
	WCDMA II	RMC12.2K	Left Side	10	9262			Ant 0	26.70	25.16	1.43	-0.09	0.284	0.41	0.572	28.2	28.2	
	WCDMA II	RMC12.2K	Right Side	10	9262			Ant 0	26.70	25.16	1.43	0	<0.001	0.00	0.572	52.7	52.7	
	WCDMA II	RMC12.2K	Top Side	10	9262			Ant 0	26.70	25.16	1.43	0	<0.001	0.00	0.572	52.7	52.7	
	WCDMA II	RMC12.2K	Bottom Side	10	9262			Ant 0	26.70	25.16	1.43	0.03	0.33	0.47	0.572	27.5	27.5	
	WCDMA II	RMC12.2K	Rear Face	5	9400			Ant 0	26.70	25.01	1.48	0.16	1.31	1.94	0.572	21.4	21.4	
46	WCDMA II	RMC12.2K	Rear Face	5	9538			Ant 0	26.70	24.94	1.50	0	1.4	2.10	0.572	21.1	21.1	
	WCDMA II	RMC12.2K	Rear Face	5	9538			Ant 0	26.70	24.94	1.50	-0.13	1.38	2.07	0.572	21.1	21.1	
	WCDMA IV	RMC12.2K	Front Face	5	1513			Ant 0	26.70	25.53	1.31	0.1	0.994	1.30	0.572	23.1	23.1	22.0
47	WCDMA IV	RMC12.2K	Rear Face	5	1513			Ant 0	26.70	25.53	1.31	-0.01	1.28	1.68	0.572	22.0	22.0	
	WCDMA IV	RMC12.2K	Left Side	10	1513			Ant 0	26.70	25.53	1.31	0.19	0.369	0.48	0.572	27.4	27.4	
	WCDMA IV	RMC12.2K	Right Side	10	1513			Ant 0	26.70	25.53	1.31	0	<0.001	0.00	0.572	53.1	53.1	
	WCDMA IV	RMC12.2K	Top Side	10	1513			Ant 0	26.70	25.53	1.31	0	<0.001	0.00	0.572	53.1	53.1	
	WCDMA IV	RMC12.2K	Bottom Side	10	1513			Ant 0	26.70	25.53	1.31	0.08	0.393	0.51	0.572	27.2	27.2	
	WCDMA IV	RMC12.2K	Rear Face	5	1312			Ant 0	26.70	25.38	1.36	-0.06	1.22	1.66	0.572	22.1	22.1	
	WCDMA IV	RMC12.2K	Rear Face	5	1413			Ant 0	26.70	25.47	1.33	-0.15	1.23	1.64	0.572	22.1	22.1	
	WCDMA IV	RMC12.2K	Rear Face	5	1513			Ant 0	26.70	25.53	1.31	0.08	1.25	1.64	0.572	22.1	22.1	
	WCDMA V	RMC12.2K	Front Face	5	4233			Ant 0	26.70	24.78	1.56	-0.19	0.435	0.68	0.572	26.0	26.0	22.5
	WCDMA V	RMC12.2K	Rear Face	5	4233			Ant 0	26.70	24.78	1.56	-0.19	0.902	1.41	0.572	22.8	22.8	
	WCDMA V	RMC12.2K	Left Side	10	4233			Ant 0	26.70	24.78	1.56	0.14	0.146	0.23	0.572	30.7	30.7	
	WCDMA V	RMC12.2K	Right Side	10	4233			Ant 0	26.70	24.78	1.56	0	<0.001	0.00	0.572	52.4	52.4	
	WCDMA V	RMC12.2K	Top Side	10	4233			Ant 0	26.70	24.78	1.56	0	<0.001	0.00	0.572	52.4	52.4	
	WCDMA V	RMC12.2K	Bottom Side	10	4233			Ant 0	26.70	24.78	1.56	-0.19	0.187	0.29	0.572	29.6	29.6	
	WCDMA V	RMC12.2K	Rear Face	5	4132			Ant 0	26.70	24.76	1.56	-0.05	0.728	1.14	0.572	23.7	23.7	
48	WCDMA V	RMC12.2K	Rear Face	5	4182			Ant 0	26.70	24.74	1.57	-0.02	0.962	1.51	0.572	22.5	22.5	
	WCDMA V	RMC12.2K	Rear Face	5	4182			Ant 0	26.70	24.74	1.57	-0.17	0.934	1.47	0.572	22.6	22.6	
	LTE 12	QPSK10M	Front Face	5	23130	1	0	Ant 0	26.20	25.44	1.19	0.15	0.156	0.19	0.572	31.1	31.1	28.6
49	LTE 12	QPSK10M	Rear Face	5	23130	1	0	Ant 0	26.20	25.44	1.19	0	0.275	0.33	0.572	28.6	28.6	
	LTE 12	QPSK10M	Left Side	10	23130	1	0	Ant 0	26.20	25.44	1.19	-0.01	0.034	0.04	0.572	37.7	37.7	
	LTE 12	QPSK10M	Right Side	10	23130	1	0	Ant 0	26.20	25.44	1.19	0	<0.001	0.00	0.572	53.0	53.0	
	LTE 12	QPSK10M	Top Side	10	23130	1	0	Ant 0	26.20	25.44	1.19	0	<0.001	0.00	0.572	53.0	53.0	
	LTE 12	QPSK10M	Bottom Side	10	23130	1	0	Ant 0	26.20	25.44	1.19	0.02	0.083	0.10	0.572	33.8	33.8	
	LTE 12	QPSK10M	Front Face	5	23130	25	0	Ant 0	25.20	24.59	1.15	0.09	0.11	0.13	0.572	31.8	31.8	
	LTE 12	QPSK10M	Rear Face	5	23130	25	0	Ant 0	25.20	24.59	1.15	-0.14	0.188	0.22	0.572	29.4	29.4	
	LTE 12	QPSK10M	Left Side	10	23130	25	0	Ant 0	25.20	24.59	1.15	-0.16	0.045	0.05	0.572	35.6	35.6	
	LTE 12	QPSK10M	Right Side	10	23130	25	0	Ant 0	25.20	24.59	1.15	0	<0.001	0.00	0.572	52.2	52.2	
	LTE 12	QPSK10M	Top Side	10	23130	25	0	Ant 0	25.20	24.59	1.15	0	<0.001	0.00	0.572	52.2	52.2	
	LTE 12	QPSK10M	Bottom Side	10	23130	25	0	Ant 0	25.20	24.59	1.15	0.09	0.073	0.08	0.572	33.5	33.5	
	LTE 12	QPSK10M	Rear Face	5	23060	1	0	Ant 0	26.20	25.39	1.21	-0.11	0.245	0.30	0.572	29.1	29.1	
	LTE 12	QPSK10M	Rear Face	5	23095	1	0	Ant 0	26.20	25.35	1.22	-0.14	0.257	0.31	0.572	28.8	28.8	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Duty cycle)	Minimum
50	LTE 13	QPSK10M	Front Face	5	23230	1	0	Ant 0	26.20	25.59	1.15	-0.15	0.318	0.37	0.572	28.1	28.1	25.3
	LTE 13	QPSK10M	Rear Face	5	23230	1	0	Ant 0	26.20	25.59	1.15	0.06	0.602	0.69	0.572	25.4	25.4	
	LTE 13	QPSK10M	Left Side	10	23230	1	0	Ant 0	26.20	25.59	1.15	0.09	0.087	0.10	0.572	33.8	33.8	
	LTE 13	QPSK10M	Right Side	10	23230	1	0	Ant 0	26.20	25.59	1.15	0	<0.001	0.00	0.572	53.2	53.2	
	LTE 13	QPSK10M	Top Side	10	23230	1	0	Ant 0	26.20	25.59	1.15	0	<0.001	0.00	0.572	53.2	53.2	
	LTE 13	QPSK10M	Bottom Side	10	23230	1	0	Ant 0	26.20	25.59	1.15	0.13	0.246	0.28	0.572	29.3	29.3	
	LTE 13	QPSK10M	Front Face	5	23230	25	0	Ant 0	25.20	24.89	1.07	-0.14	0.245	0.26	0.572	28.6	28.6	
	LTE 13	QPSK10M	Rear Face	5	23230	25	0	Ant 0	25.20	24.89	1.07	0.17	0.525	0.56	0.572	25.3	25.3	
	LTE 13	QPSK10M	Left Side	10	23230	25	0	Ant 0	25.20	24.89	1.07	0.12	0.075	0.08	0.572	33.7	33.7	
	LTE 13	QPSK10M	Right Side	10	23230	25	0	Ant 0	25.20	24.89	1.07	0	<0.001	0.00	0.572	52.5	52.5	
	LTE 13	QPSK10M	Top Side	10	23230	25	0	Ant 0	25.20	24.89	1.07	0	<0.001	0.00	0.572	52.5	52.5	
	LTE 13	QPSK10M	Bottom Side	10	23230	25	0	Ant 0	25.20	24.89	1.07	-0.12	0.164	0.18	0.572	30.3	30.3	
51	LTE 14	QPSK10M	Front Face	5	23330	1	0	Ant 0	24.00	23.91	1.02	0.18	0.219	0.22	0.572	28.1	28.1	25.1
	LTE 14	QPSK10M	Rear Face	5	23330	1	0	Ant 0	24.00	23.91	1.02	-0.04	0.436	0.44	0.572	25.1	25.1	
	LTE 14	QPSK10M	Left Side	10	23330	1	0	Ant 0	24.00	23.91	1.02	-0.08	0.059	0.06	0.572	33.8	33.8	
	LTE 14	QPSK10M	Right Side	10	23330	1	0	Ant 0	24.00	23.91	1.02	0	<0.001	0.00	0.572	51.5	51.5	
	LTE 14	QPSK10M	Top Side	10	23330	1	0	Ant 0	24.00	23.91	1.02	0	<0.001	0.00	0.572	51.5	51.5	
	LTE 14	QPSK10M	Bottom Side	10	23330	1	0	Ant 0	24.00	23.91	1.02	0.05	0.111	0.11	0.572	31.0	31.0	
	LTE 14	QPSK10M	Front Face	5	23330	25	0	Ant 0	23.00	22.93	1.02	0.05	0.177	0.18	0.572	28.0	28.0	
	LTE 14	QPSK10M	Rear Face	5	23330	25	0	Ant 0	23.00	22.93	1.02	-0.13	0.31	0.32	0.572	25.6	25.6	
	LTE 14	QPSK10M	Left Side	10	23330	25	0	Ant 0	23.00	22.93	1.02	-0.18	0.042	0.04	0.572	34.3	34.3	
	LTE 14	QPSK10M	Right Side	10	23330	25	0	Ant 0	23.00	22.93	1.02	0	<0.001	0.00	0.572	50.5	50.5	
	LTE 14	QPSK10M	Top Side	10	23330	25	0	Ant 0	23.00	22.93	1.02	0	<0.001	0.00	0.572	50.5	50.5	
	LTE 14	QPSK10M	Bottom Side	10	23330	25	0	Ant 0	23.00	22.93	1.02	0.15	0.1	0.10	0.572	30.5	30.5	
52	LTE 25	QPSK20M	Front Face	5	26365	1	0	Ant 0	25.70	25.01	1.17	-0.03	0.715	0.84	0.572	24.0	24.0	22.5
	LTE 25	QPSK20M	Rear Face	5	26365	1	0	Ant 0	25.70	25.01	1.17	-0.01	1.02	1.19	0.572	22.5	22.5	
	LTE 25	QPSK20M	Left Side	10	26365	1	0	Ant 0	25.70	25.01	1.17	0.14	0.408	0.48	0.572	26.5	26.5	
	LTE 25	QPSK20M	Right Side	10	26365	1	0	Ant 0	25.70	25.01	1.17	0	<0.001	0.00	0.572	52.6	52.6	
	LTE 25	QPSK20M	Top Side	10	26365	1	0	Ant 0	25.70	25.01	1.17	0	<0.001	0.00	0.572	52.6	52.6	
	LTE 25	QPSK20M	Bottom Side	10	26365	1	0	Ant 0	25.70	25.01	1.17	-0.14	0.436	0.51	0.572	26.2	26.2	
	LTE 25	QPSK20M	Front Face	5	26365	50	0	Ant 0	24.70	24.11	1.15	-0.16	0.593	0.68	0.572	24.0	24.0	
	LTE 25	QPSK20M	Rear Face	5	26365	50	0	Ant 0	24.70	24.11	1.15	-0.19	0.764	0.88	0.572	22.9	22.9	
	LTE 25	QPSK20M	Left Side	10	26365	50	0	Ant 0	24.70	24.11	1.15	0.01	0.181	0.21	0.572	29.1	29.1	
	LTE 25	QPSK20M	Right Side	10	26365	50	0	Ant 0	24.70	24.11	1.15	0	<0.001	0.00	0.572	51.7	51.7	
	LTE 25	QPSK20M	Top Side	10	26365	50	0	Ant 0	24.70	24.11	1.15	0	<0.001	0.00	0.572	51.7	51.7	
	LTE 25	QPSK20M	Bottom Side	10	26365	50	0	Ant 0	24.70	24.11	1.15	0.18	0.215	0.25	0.572	28.4	28.4	
	LTE 25	QPSK20M	Rear Face	5	26140	1	0	Ant 0	25.70	24.92	1.20	0.06	0.973	1.17	0.572	22.6	22.6	
	LTE 25	QPSK20M	Rear Face	5	26590	1	0	Ant 0	25.70	24.89	1.21	0.09	0.964	1.17	0.572	22.6	22.6	
	LTE 25	QPSK20M	Rear Face	5	26365	1	0	Ant 0	25.70	25.01	1.17	-0.16	0.992	1.16	0.572	22.6	22.6	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
53	LTE 26	QPSK15M	Front Face	5	26965	1	0	Ant 0	26.20	25.23	1.25	0.12	0.368	0.46	0.572	27.1	27.1	23.2
	LTE 26	QPSK15M	Rear Face	5	26965	1	0	Ant 0	26.20	25.23	1.25	0.04	0.911	1.14	0.572	23.2	23.2	
	LTE 26	QPSK15M	Left Side	10	26965	1	0	Ant 0	26.20	25.23	1.25	0.13	0.076	0.10	0.572	34.0	34.0	
	LTE 26	QPSK15M	Right Side	10	26965	1	0	Ant 0	26.20	25.23	1.25	0	0.01	0.01	0.572	42.8	42.8	
	LTE 26	QPSK15M	Top Side	10	26965	1	0	Ant 0	26.20	25.23	1.25	0	0.01	0.01	0.572	42.8	42.8	
	LTE 26	QPSK15M	Bottom Side	10	26965	1	0	Ant 0	26.20	25.23	1.25	-0.12	0.276	0.35	0.572	28.4	28.4	
	LTE 26	QPSK15M	Front Face	5	26965	36	0	Ant 0	25.20	24.53	1.17	0.08	0.293	0.34	0.572	27.4	27.4	
	LTE 26	QPSK15M	Rear Face	5	26965	36	0	Ant 0	25.20	24.53	1.17	0.05	0.726	0.85	0.572	23.5	23.5	
	LTE 26	QPSK15M	Left Side	10	26965	36	0	Ant 0	25.20	24.53	1.17	-0.06	0.06	0.07	0.572	34.3	34.3	
	LTE 26	QPSK15M	Right Side	10	26965	36	0	Ant 0	25.20	24.53	1.17	0	0.01	0.01	0.572	42.1	42.1	
	LTE 26	QPSK15M	Top Side	10	26965	36	0	Ant 0	25.20	24.53	1.17	0	0.01	0.01	0.572	42.1	42.1	
	LTE 26	QPSK15M	Bottom Side	10	26965	36	0	Ant 0	25.20	24.53	1.17	-0.09	0.22	0.26	0.572	28.7	28.7	
	LTE 26	QPSK15M	Rear Face	5	26765	1	0	Ant 0	26.20	25.19	1.26	-0.03	0.711	0.90	0.572	24.2	24.2	
	LTE 26	QPSK15M	Rear Face	5	26865	1	0	Ant 0	26.20	25.18	1.26	0.06	0.731	0.92	0.572	24.1	24.1	
	LTE 26	QPSK15M	Rear Face	5	26915	1	0	Ant 0	26.20	25.15	1.27	0.01	0.73	0.93	0.572	24.1	24.1	
	LTE 26	QPSK15M	Rear Face	5	26965	1	0	Ant 0	26.20	25.23	1.25	-0.14	0.886	1.11	0.572	23.3	23.3	
54	LTE 30	QPSK10M	Front Face	5	27710	1	0	Ant 3	24.70	22.74	1.57	-0.01	0.41	0.64	0.572	24.2	24.2	23.0
	LTE 30	QPSK10M	Rear Face	5	27710	1	0	Ant 3	24.70	22.74	1.57	-0.15	0.535	0.84	0.572	23.0	23.0	
	LTE 30	QPSK10M	Left Side	10	27710	1	0	Ant 3	24.70	22.74	1.57	-0.01	0.253	0.40	0.572	26.3	26.3	
	LTE 30	QPSK10M	Right Side	10	27710	1	0	Ant 3	24.70	22.74	1.57	-0.12	0.066	0.10	0.572	32.1	32.1	
	LTE 30	QPSK10M	Top Side	10	27710	1	0	Ant 3	24.70	22.74	1.57	0.05	0.281	0.44	0.572	25.8	25.8	
	LTE 30	QPSK10M	Bottom Side	10	27710	1	0	Ant 3	24.70	22.74	1.57	0	<0.001	0.00	0.572	50.3	50.3	
	LTE 30	QPSK10M	Front Face	5	27710	25	0	Ant 3	23.70	22.21	1.41	-0.15	0.31	0.44	0.572	24.9	24.9	
	LTE 30	QPSK10M	Rear Face	5	27710	25	0	Ant 3	23.70	22.21	1.41	0.02	0.403	0.57	0.572	23.7	23.7	
	LTE 30	QPSK10M	Left Side	10	27710	25	0	Ant 3	23.70	22.21	1.41	-0.15	0.191	0.27	0.572	27.0	27.0	
	LTE 30	QPSK10M	Right Side	10	27710	25	0	Ant 3	23.70	22.21	1.41	-0.15	0.05	0.07	0.572	32.8	32.8	
	LTE 30	QPSK10M	Top Side	10	27710	25	0	Ant 3	23.70	22.21	1.41	-0.09	0.212	0.30	0.572	26.5	26.5	
	LTE 30	QPSK10M	Bottom Side	10	27710	25	0	Ant 3	23.70	22.21	1.41	0	<0.001	0.00	0.572	49.8	49.8	
55	LTE 41	QPSK20M	Front Face	5	40620	1	0	Ant 3	25.70	25.53	1.04	0.19	0.337	0.35	0.572	27.8	27.8	24.6
	LTE 41	QPSK20M	Rear Face	5	40620	1	0	Ant 3	25.70	25.53	1.04	-0.01	0.705	0.73	0.572	24.6	24.6	
	LTE 41	QPSK20M	Left Side	10	40620	1	0	Ant 3	25.70	25.53	1.04	0.12	0.124	0.13	0.572	32.2	32.2	
	LTE 41	QPSK20M	Right Side	10	40620	1	0	Ant 3	25.70	25.53	1.04	-0.14	0.086	0.09	0.572	33.8	33.8	
	LTE 41	QPSK20M	Top Side	10	40620	1	0	Ant 3	25.70	25.53	1.04	-0.04	0.461	0.48	0.572	26.5	26.5	
	LTE 41	QPSK20M	Bottom Side	10	40620	1	0	Ant 3	25.70	25.53	1.04	0.04	0.022	0.02	0.572	39.7	39.7	
	LTE 41	QPSK20M	Front Face	5	40620	50	0	Ant 3	24.70	24.49	1.05	-0.17	0.314	0.33	0.572	27.1	27.1	
	LTE 41	QPSK20M	Rear Face	5	40620	50	0	Ant 3	24.70	24.49	1.05	0.01	0.556	0.58	0.572	24.6	24.6	
	LTE 41	QPSK20M	Left Side	10	40620	50	0	Ant 3	24.70	24.49	1.05	-0.08	0.116	0.12	0.572	31.4	31.4	
	LTE 41	QPSK20M	Right Side	10	40620	50	0	Ant 3	24.70	24.49	1.05	-0.05	0.08	0.08	0.572	33.0	33.0	
	LTE 41	QPSK20M	Top Side	10	40620	50	0	Ant 3	24.70	24.49	1.05	-0.02	0.43	0.45	0.572	25.7	25.7	
	LTE 41	QPSK20M	Bottom Side	10	40620	50	0	Ant 3	24.70	24.49	1.05	0	<0.001	0.00	0.572	52.1	52.1	
	LTE 41	QPSK20M	Rear Face	5	39750	1	0	Ant 3	25.70	24.18	1.42	-0.06	0.475	0.67	0.572	25.0	25.0	
	LTE 41	QPSK20M	Rear Face	5	40185	1	0	Ant 3	25.70	25.02	1.17	-0.14	0.571	0.67	0.572	25.0	25.0	
	LTE 41	QPSK20M	Rear Face	5	41055	1	0	Ant 3	25.70	25.45	1.06	0.03	0.534	0.57	0.572	25.7	25.7	
	LTE 41	QPSK20M	Rear Face	5	41490	1	0	Ant 3	25.70	24.70	1.26	-0.04	0.313	0.39	0.572	27.3	27.3	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
	LTE 42	QPSK20M	Front Face	5	43490	1	0	Ant 4	22.00	21.11	1.23	0.06	0.229	0.28	0.572	25.1	25.1	21.2
	LTE 42	QPSK20M	Rear Face	5	43490	1	0	Ant 4	22.00	21.11	1.23	0.11	0.552	0.68	0.572	21.3	21.3	
	LTE 42	QPSK20M	Left Side	10	43490	1	0	Ant 4	22.00	21.11	1.23	-0.19	0.118	0.15	0.572	28.0	28.0	
	LTE 42	QPSK20M	Right Side	10	43490	1	0	Ant 4	22.00	21.11	1.23	0.19	0.373	0.46	0.572	23.0	23.0	
	LTE 42	QPSK20M	Top Side	10	43490	1	0	Ant 4	22.00	21.11	1.23	-0.01	0.048	0.06	0.572	31.9	31.9	
	LTE 42	QPSK20M	Bottom Side	10	43490	1	0	Ant 4	22.00	21.11	1.23	0.19	0.102	0.13	0.572	28.6	28.6	
	LTE 42	QPSK20M	Front Face	5	43490	50	0	Ant 4	21.00	20.06	1.24	0.14	0.176	0.22	0.572	25.2	25.2	
	LTE 42	QPSK20M	Rear Face	5	43490	50	0	Ant 4	21.00	20.06	1.24	0.16	0.418	0.52	0.572	21.4	21.4	
	LTE 42	QPSK20M	Left Side	10	43490	50	0	Ant 4	21.00	20.06	1.24	-0.19	0.09	0.11	0.572	28.1	28.1	
	LTE 42	QPSK20M	Right Side	10	43490	50	0	Ant 4	21.00	20.06	1.24	0.15	0.287	0.36	0.572	23.1	23.1	
	LTE 42	QPSK20M	Top Side	10	43490	50	0	Ant 4	21.00	20.06	1.24	0.14	0.037	0.05	0.572	32.0	32.0	
	LTE 42	QPSK20M	Bottom Side	10	43490	50	0	Ant 4	21.00	20.06	1.24	-0.04	0.078	0.10	0.572	28.7	28.7	
	LTE 42	QPSK20M	Rear Face	5	42190	1	0	Ant 4	22.00	21.09	1.23	-0.13	0.48	0.59	0.572	21.9	21.9	
56	LTE 42	QPSK20M	Rear Face	5	43190	1	0	Ant 4	22.00	21.07	1.24	-0.05	0.561	0.70	0.572	21.2	21.2	
	LTE 42	QPSK20M	Rear Face	5	43340	1	0	Ant 4	22.00	20.98	1.26	0.02	0.542	0.68	0.572	21.2	21.2	
	LTE 43	QPSK20M	Front Face	5	45490	1	0	Ant 4	22.00	21.03	1.25	-0.12	0.242	0.30	0.572	24.8	24.8	20.8
57	LTE 43	QPSK20M	Rear Face	5	45490	1	0	Ant 4	22.00	21.03	1.25	-0.02	0.558	0.70	0.572	21.1	21.1	
	LTE 43	QPSK20M	Left Side	10	45490	1	0	Ant 4	22.00	21.03	1.25	0.08	0.031	0.04	0.572	33.7	33.7	
	LTE 43	QPSK20M	Right Side	10	45490	1	0	Ant 4	22.00	21.03	1.25	0.06	0.288	0.36	0.572	24.0	24.0	
	LTE 43	QPSK20M	Top Side	10	45490	1	0	Ant 4	22.00	21.03	1.25	-0.19	0.052	0.07	0.572	31.4	31.4	
	LTE 43	QPSK20M	Bottom Side	10	45490	1	0	Ant 4	22.00	21.03	1.25	-0.19	0.137	0.17	0.572	27.2	27.2	
	LTE 43	QPSK20M	Front Face	5	45490	50	0	Ant 4	21.00	19.91	1.29	0.08	0.204	0.26	0.572	24.4	24.4	
	LTE 43	QPSK20M	Rear Face	5	45490	50	0	Ant 4	21.00	19.91	1.29	0.09	0.466	0.60	0.572	20.8	20.8	
	LTE 43	QPSK20M	Left Side	10	45490	50	0	Ant 4	21.00	19.91	1.29	0	<0.001	0.00	0.572	47.5	47.5	
	LTE 43	QPSK20M	Right Side	10	45490	50	0	Ant 4	21.00	19.91	1.29	0.07	0.242	0.31	0.572	23.6	23.6	
	LTE 43	QPSK20M	Top Side	10	45490	50	0	Ant 4	21.00	19.91	1.29	0	<0.001	0.00	0.572	47.5	47.5	
	LTE 43	QPSK20M	Bottom Side	10	45490	50	0	Ant 4	21.00	19.91	1.29	-0.01	0.115	0.15	0.572	26.9	26.9	
	LTE 43	QPSK20M	Rear Face	5	43690	1	0	Ant 4	22.00	21.01	1.26	0.16	0.546	0.69	0.572	21.2	21.2	
	LTE 43	QPSK20M	Rear Face	5	44090	1	0	Ant 4	22.00	20.95	1.27	0.18	0.399	0.51	0.572	22.5	22.5	
	LTE 43	QPSK20M	Rear Face	5	44490	1	0	Ant 4	22.00	20.61	1.38	0.19	0.421	0.58	0.572	21.9	21.9	
	LTE 43	QPSK20M	Rear Face	5	44990	1	0	Ant 4	22.00	20.74	1.34	-0.05	0.466	0.62	0.572	21.6	21.6	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
58	LTE 48	QPSK20M	Front Face	5	55780	1	0	Ant 4	22.00	21.15	1.22	-0.12	0.151	0.18	0.572	26.9	26.9	22.1
	LTE 48	QPSK20M	Rear Face	5	55780	1	0	Ant 4	22.00	21.15	1.22	-0.04	0.462	0.56	0.572	22.1	22.1	
	LTE 48	QPSK20M	Left Side	10	55780	1	0	Ant 4	22.00	21.15	1.22	0.05	0.019	0.02	0.572	35.9	35.9	
	LTE 48	QPSK20M	Right Side	10	55780	1	0	Ant 4	22.00	21.15	1.22	0.07	0.18	0.22	0.572	26.2	26.2	
	LTE 48	QPSK20M	Top Side	10	55780	1	0	Ant 4	22.00	21.15	1.22	-0.17	0.032	0.04	0.572	33.7	33.7	
	LTE 48	QPSK20M	Bottom Side	10	55780	1	0	Ant 4	22.00	21.15	1.22	-0.08	0.085	0.10	0.572	29.4	29.4	
	LTE 48	QPSK20M	Front Face	5	55780	50	0	Ant 4	21.00	20.08	1.24	0.02	0.115	0.14	0.572	27.0	27.0	
	LTE 48	QPSK20M	Rear Face	5	55780	50	0	Ant 4	21.00	20.08	1.24	-0.1	0.351	0.44	0.572	22.2	22.2	
	LTE 48	QPSK20M	Left Side	10	55780	50	0	Ant 4	21.00	20.08	1.24	0	<0.001	0.00	0.572	47.7	47.7	
	LTE 48	QPSK20M	Right Side	10	55780	50	0	Ant 4	21.00	20.08	1.24	-0.18	0.137	0.17	0.572	26.3	26.3	
	LTE 48	QPSK20M	Top Side	10	55780	50	0	Ant 4	21.00	20.08	1.24	0	<0.001	0.00	0.572	47.7	47.7	
	LTE 48	QPSK20M	Bottom Side	10	55780	50	0	Ant 4	21.00	20.08	1.24	0.14	0.064	0.08	0.572	29.6	29.6	
	LTE 48	QPSK20M	Rear Face	5	55340	1	0	Ant 4	22.00	20.71	1.35	-0.01	0.41	0.55	0.572	22.2	22.2	
	LTE 48	QPSK20M	Rear Face	5	56210	1	0	Ant 4	22.00	21.09	1.23	0.19	0.325	0.40	0.572	23.5	23.5	
	LTE 48	QPSK20M	Rear Face	5	56640	1	0	Ant 4	22.00	20.45	1.43	-0.08	0.321	0.46	0.572	23.0	23.0	
59	LTE 53	QPSK10M	Front Face	5	60197	1	0	Ant 1	21.00	20.48	1.13	-0.06	0.261	0.29	0.572	23.9	23.9	18.6
	LTE 53	QPSK10M	Rear Face	5	60197	1	0	Ant 1	21.00	20.48	1.13	-0.16	0.702	0.79	0.572	19.6	19.6	
	LTE 53	QPSK10M	Left Side	10	60197	1	0	Ant 1	21.00	20.48	1.13	0	<0.001	0.00	0.572	48.1	48.1	
	LTE 53	QPSK10M	Right Side	10	60197	1	0	Ant 1	21.00	20.48	1.13	0.08	0.064	0.07	0.572	30.0	30.0	
	LTE 53	QPSK10M	Top Side	10	60197	1	0	Ant 1	21.00	20.48	1.13	0	<0.001	0.00	0.572	48.1	48.1	
	LTE 53	QPSK10M	Bottom Side	10	60197	1	0	Ant 1	21.00	20.48	1.13	0.16	0.311	0.35	0.572	23.1	23.1	
	LTE 53	QPSK10M	Front Face	5	60197	25	12	Ant 1	20.00	19.54	1.11	0.1	0.17	0.19	0.572	24.8	24.8	
	LTE 53	QPSK10M	Rear Face	5	60197	25	12	Ant 1	20.00	19.54	1.11	0.09	0.552	0.61	0.572	19.7	19.7	
	LTE 53	QPSK10M	Left Side	10	60197	25	12	Ant 1	20.00	19.54	1.11	0	<0.001	0.00	0.572	47.1	47.1	
	LTE 53	QPSK10M	Right Side	10	60197	25	12	Ant 1	20.00	19.54	1.11	0.02	0.05	0.06	0.572	30.1	30.1	
	LTE 53	QPSK10M	Top Side	10	60197	25	12	Ant 1	20.00	19.54	1.11	0	<0.001	0.00	0.572	47.1	47.1	
	LTE 53	QPSK10M	Bottom Side	10	60197	25	12	Ant 1	20.00	19.54	1.11	0.09	0.219	0.24	0.572	23.7	23.7	
	LTE 53	QPSK10M	Rear Face	5	60190	1	0	Ant 1	21.00	20.42	1.14	0.07	0.826	0.94	0.572	18.8	18.8	
	LTE 53	QPSK10M	Rear Face	5	60205	1	0	Ant 1	21.00	20.38	1.15	0.05	0.861	0.99	0.572	18.6	18.6	
	LTE 53	QPSK10M	Rear Face	5	60205	1	0	Ant 1	21.00	20.38	1.15	-0.05	0.846	0.97	0.572	18.7	18.7	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Duty cycle)	Minimum
60	LTE 66	QPSK20M	Front Face	5	132572	1	0	Ant 0	25.70	25.45	1.06	-0.02	0.861	0.91	0.572	23.7	23.7	21.8
	LTE 66	QPSK20M	Rear Face	5	132572	1	0	Ant 0	25.70	25.45	1.06	-0.02	1.32	1.40	0.572	21.8	21.8	
	LTE 66	QPSK20M	Left Side	10	132572	1	0	Ant 0	25.70	25.45	1.06	-0.19	0.354	0.38	0.572	27.5	27.5	
	LTE 66	QPSK20M	Right Side	10	132572	1	0	Ant 0	25.70	25.45	1.06	0.16	0.05	0.05	0.572	36.0	36.0	
	LTE 66	QPSK20M	Top Side	10	132572	1	0	Ant 0	25.70	25.45	1.06	0	<0.001	0.00	0.572	53.0	53.0	
	LTE 66	QPSK20M	Bottom Side	10	132572	1	0	Ant 0	25.70	25.45	1.06	0.15	0.448	0.47	0.572	26.5	26.5	
	LTE 66	QPSK20M	Front Face	5	132572	50	0	Ant 0	24.70	24.58	1.03	-0.06	0.66	0.68	0.572	24.0	24.0	
	LTE 66	QPSK20M	Rear Face	5	132572	50	0	Ant 0	24.70	24.58	1.03	0.01	1.01	1.04	0.572	22.1	22.1	
	LTE 66	QPSK20M	Left Side	10	132572	50	0	Ant 0	24.70	24.58	1.03	0.02	0.271	0.28	0.572	27.8	27.8	
	LTE 66	QPSK20M	Right Side	10	132572	50	0	Ant 0	24.70	24.58	1.03	0	<0.001	0.00	0.572	52.2	52.2	
	LTE 66	QPSK20M	Top Side	10	132572	50	0	Ant 0	24.70	24.58	1.03	0	<0.001	0.00	0.572	52.2	52.2	
	LTE 66	QPSK20M	Bottom Side	10	132572	50	0	Ant 0	24.70	24.58	1.03	-0.12	0.344	0.35	0.572	26.8	26.8	
	LTE 66	QPSK20M	Rear Face	5	132072	1	0	Ant 0	25.70	25.42	1.07	0.09	1.31	1.40	0.572	21.8	21.8	
	LTE 66	QPSK20M	Rear Face	5	132322	1	0	Ant 0	25.70	25.39	1.07	0	1.29	1.38	0.572	21.9	21.9	
	LTE 66	QPSK20M	Rear Face	5	132572	1	0	Ant 0	25.70	25.45	1.06	-0.17	1.28	1.36	0.572	22.0	22.0	
61	LTE 70	QPSK15M	Front Face	5	133047	1	0	Ant 2	25.70	25.28	1.10	-0.11	0.197	0.22	0.572	29.9	29.9	23.9
	LTE 70	QPSK15M	Rear Face	5	133047	1	0	Ant 2	25.70	25.28	1.10	-0.06	0.781	0.86	0.572	23.9	23.9	
	LTE 70	QPSK15M	Left Side	10	133047	1	0	Ant 2	25.70	25.28	1.10	0.01	0.477	0.52	0.572	26.1	26.1	
	LTE 70	QPSK15M	Right Side	10	133047	1	0	Ant 2	25.70	25.28	1.10	0	<0.001	0.00	0.572	52.9	52.9	
	LTE 70	QPSK15M	Top Side	10	133047	1	0	Ant 2	25.70	25.28	1.10	0	<0.001	0.00	0.572	52.9	52.9	
	LTE 70	QPSK15M	Bottom Side	10	133047	1	0	Ant 2	25.70	25.28	1.10	0	<0.001	0.00	0.572	52.9	52.9	
	LTE 70	QPSK15M	Front Face	5	133047	36	0	Ant 2	24.70	24.62	1.02	-0.08	0.164	0.17	0.572	30.0	30.0	
	LTE 70	QPSK15M	Rear Face	5	133047	36	0	Ant 2	24.70	24.62	1.02	-0.19	0.6	0.61	0.572	24.4	24.4	
	LTE 70	QPSK15M	Left Side	10	133047	36	0	Ant 2	24.70	24.62	1.02	0.02	0.397	0.40	0.572	26.2	26.2	
	LTE 70	QPSK15M	Right Side	10	133047	36	0	Ant 2	24.70	24.62	1.02	0	<0.001	0.00	0.572	52.2	52.2	
	LTE 70	QPSK15M	Top Side	10	133047	36	0	Ant 2	24.70	24.62	1.02	0	<0.001	0.00	0.572	52.2	52.2	
62	LTE 71	QPSK20M	Front Face	5	133372	1	0	Ant 0	26.20	24.68	1.42	0.1	0.091	0.13	0.572	32.7	32.7	29.1
	LTE 71	QPSK20M	Rear Face	5	133372	1	0	Ant 0	26.20	24.68	1.42	-0.06	0.201	0.29	0.572	29.2	29.2	
	LTE 71	QPSK20M	Left Side	10	133372	1	0	Ant 0	26.20	24.68	1.42	0.06	0.046	0.07	0.572	35.6	35.6	
	LTE 71	QPSK20M	Right Side	10	133372	1	0	Ant 0	26.20	24.68	1.42	0	<0.001	0.00	0.572	52.3	52.3	
	LTE 71	QPSK20M	Top Side	10	133372	1	0	Ant 0	26.20	24.68	1.42	0	<0.001	0.00	0.572	52.3	52.3	
	LTE 71	QPSK20M	Bottom Side	10	133372	1	0	Ant 0	26.20	24.68	1.42	0.04	0.049	0.07	0.572	35.4	35.4	
	LTE 71	QPSK20M	Front Face	5	133372	50	0	Ant 0	25.20	23.94	1.34	0.17	0.083	0.11	0.572	32.3	32.3	
	LTE 71	QPSK20M	Rear Face	5	133372	50	0	Ant 0	25.20	23.94	1.34	-0.04	0.173	0.23	0.572	29.1	29.1	
	LTE 71	QPSK20M	Left Side	10	133372	50	0	Ant 0	25.20	23.94	1.34	0	<0.001	0.00	0.572	51.5	51.5	
	LTE 71	QPSK20M	Right Side	10	133372	50	0	Ant 0	25.20	23.94	1.34	0	<0.001	0.00	0.572	51.5	51.5	
	LTE 71	QPSK20M	Top Side	10	133372	50	0	Ant 0	25.20	23.94	1.34	0	<0.001	0.00	0.572	51.5	51.5	
	LTE 71	QPSK20M	Bottom Side	10	133372	50	0	Ant 0	25.20	23.94	1.34	0	<0.001	0.00	0.572	51.5	51.5	
	LTE 71	QPSK20M	Rear Face	5	133222	1	0	Ant 0	26.20	24.55	1.46	0.14	0.167	0.24	0.572	29.9	29.9	
	LTE 71	QPSK20M	Rear Face	5	133297	1	0	Ant 0	26.20	24.63	1.44	-0.04	0.176	0.25	0.572	29.7	29.7	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
63	5G NR-n7	QPSK20M	Front Face	5	502000	1	1	Ant 3	25.70	25.43	1.06	-0.13	0.493	0.52	0.572	26.1	26.1	22.9
	5G NR-n7	QPSK20M	Rear Face	5	502000	1	1	Ant 3	25.70	25.43	1.06	-0.13	1.03	1.09	0.572	22.9	22.9	
	5G NR-n7	QPSK20M	Left Side	10	502000	1	1	Ant 3	25.70	25.43	1.06	-0.07	0.182	0.19	0.572	30.4	30.4	
	5G NR-n7	QPSK20M	Right Side	10	502000	1	1	Ant 3	25.70	25.43	1.06	0.07	0.126	0.13	0.572	32.0	32.0	
	5G NR-n7	QPSK20M	Top Side	10	502000	1	1	Ant 3	25.70	25.43	1.06	0.12	0.674	0.71	0.572	24.7	24.7	
	5G NR-n7	QPSK20M	Bottom Side	10	502000	1	1	Ant 3	25.70	25.43	1.06	-0.02	0.032	0.03	0.572	38.0	38.0	
	5G NR-n7	QPSK20M	Front Face	5	502000	50	28	Ant 3	25.70	25.36	1.08	-0.01	0.459	0.50	0.572	26.3	26.3	
	5G NR-n7	QPSK20M	Rear Face	5	502000	50	28	Ant 3	25.70	25.36	1.08	-0.07	0.958	1.03	0.572	23.1	23.1	
	5G NR-n7	QPSK20M	Left Side	10	502000	50	28	Ant 3	25.70	25.36	1.08	-0.09	0.169	0.18	0.572	30.7	30.7	
	5G NR-n7	QPSK20M	Right Side	10	502000	50	28	Ant 3	25.70	25.36	1.08	-0.09	0.117	0.13	0.572	32.3	32.3	
	5G NR-n7	QPSK20M	Top Side	10	502000	50	28	Ant 3	25.70	25.36	1.08	-0.18	0.628	0.68	0.572	25.0	25.0	
	5G NR-n7	QPSK20M	Bottom Side	10	502000	50	28	Ant 3	25.70	25.36	1.08	0	<0.001	0.00	0.572	52.9	52.9	
	5G NR-n7	QPSK20M	Rear Face	5	507000	1	53	Ant 3	25.70	25.28	1.10	0.09	0.866	0.95	0.572	23.5	23.5	
	5G NR-n7	QPSK20M	Rear Face	5	512000	1	53	Ant 3	25.70	25.19	1.12	-0.18	0.792	0.89	0.572	23.8	23.8	
	5G NR-n7	QPSK20M	Rear Face	5	502000	1	1	Ant 3	25.70	25.43	1.06	-0.03	0.992	1.05	0.572	23.0	23.0	
64	5G NR-n12	QPSK15M	Front Face	5	141300	1	1	Ant 0	25.70	25.12	1.14	0.11	0.234	0.27	0.572	29.0	29.0	27.3
	5G NR-n12	QPSK15M	Rear Face	5	141300	1	1	Ant 0	25.70	25.12	1.14	0.06	0.323	0.37	0.572	27.6	27.6	
	5G NR-n12	QPSK15M	Left Side	10	141300	1	1	Ant 0	25.70	25.12	1.14	0.19	0.052	0.06	0.572	35.5	35.5	
	5G NR-n12	QPSK15M	Right Side	10	141300	1	1	Ant 0	25.70	25.12	1.14	0	<0.001	0.00	0.572	52.7	52.7	
	5G NR-n12	QPSK15M	Top Side	10	141300	1	1	Ant 0	25.70	25.12	1.14	0	<0.001	0.00	0.572	52.7	52.7	
	5G NR-n12	QPSK15M	Bottom Side	10	141300	1	1	Ant 0	25.70	25.12	1.14	0.18	0.125	0.14	0.572	31.7	31.7	
	5G NR-n12	QPSK15M	Front Face	5	141300	36	22	Ant 0	25.70	25.06	1.16	0.15	0.229	0.27	0.572	29.0	29.0	
	5G NR-n12	QPSK15M	Rear Face	5	141300	36	22	Ant 0	25.70	25.06	1.16	-0.15	0.317	0.37	0.572	27.6	27.6	
	5G NR-n12	QPSK15M	Left Side	10	141300	36	22	Ant 0	25.70	25.06	1.16	-0.16	0.051	0.06	0.572	35.6	35.6	
	5G NR-n12	QPSK15M	Right Side	10	141300	36	22	Ant 0	25.70	25.06	1.16	0	<0.001	0.00	0.572	52.6	52.6	
	5G NR-n12	QPSK15M	Top Side	10	141300	36	22	Ant 0	25.70	25.06	1.16	0	<0.001	0.00	0.572	52.6	52.6	
	5G NR-n12	QPSK15M	Bottom Side	10	141300	36	22	Ant 0	25.70	25.06	1.16	-0.06	0.122	0.14	0.572	31.8	31.8	
	5G NR-n12	QPSK15M	Rear Face	5	141500	1	77	Ant 0	25.70	24.99	1.18	-0.05	0.332	0.39	0.572	27.4	27.4	
	5G NR-n12	QPSK15M	Rear Face	5	141700	1	77	Ant 0	25.70	24.96	1.19	-0.01	0.333	0.40	0.572	27.3	27.3	
65	5G NR-n13	QPSK10M	Front Face	5	156400	1	1	Ant 0	25.70	25.14	1.14	0.03	0.25	0.29	0.572	28.7	28.7	25.0
	5G NR-n13	QPSK10M	Rear Face	5	156400	1	1	Ant 0	25.70	25.14	1.14	0.04	0.594	0.68	0.572	25.0	25.0	
	5G NR-n13	QPSK10M	Left Side	10	156400	1	1	Ant 0	25.70	25.14	1.14	0.03	0.068	0.08	0.572	34.4	34.4	
	5G NR-n13	QPSK10M	Right Side	10	156400	1	1	Ant 0	25.70	25.14	1.14	0	<0.001	0.00	0.572	52.7	52.7	
	5G NR-n13	QPSK10M	Top Side	10	156400	1	1	Ant 0	25.70	25.14	1.14	0	<0.001	0.00	0.572	52.7	52.7	
	5G NR-n13	QPSK10M	Bottom Side	10	156400	1	1	Ant 0	25.70	25.14	1.14	-0.07	0.194	0.22	0.572	29.8	29.8	
	5G NR-n13	QPSK10M	Front Face	5	156400	25	14	Ant 0	25.70	25.06	1.16	-0.02	0.235	0.27	0.572	28.9	28.9	
	5G NR-n13	QPSK10M	Rear Face	5	156400	25	14	Ant 0	25.70	25.06	1.16	-0.12	0.558	0.65	0.572	25.2	25.2	
	5G NR-n13	QPSK10M	Left Side	10	156400	25	14	Ant 0	25.70	25.06	1.16	-0.18	0.064	0.07	0.572	34.6	34.6	
	5G NR-n13	QPSK10M	Right Side	10	156400	25	14	Ant 0	25.70	25.06	1.16	0	<0.001	0.00	0.572	52.6	52.6	
	5G NR-n13	QPSK10M	Top Side	10	156400	25	14	Ant 0	25.70	25.06	1.16	0	<0.001	0.00	0.572	52.6	52.6	
	5G NR-n13	QPSK10M	Bottom Side	10	156400	25	14	Ant 0	25.70	25.06	1.16	0.12	0.182	0.21	0.572	30.0	30.0	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
66	5G NR-n14	QPSK10M	Front Face	5	158600	1	1	Ant 0	25.70	25.24	1.11	-0.03	0.258	0.29	0.572	28.7	28.7	25.8
	5G NR-n14	QPSK10M	Rear Face	5	158600	1	1	Ant 0	25.70	25.24	1.11	0.05	0.499	0.55	0.572	25.8	25.8	
	5G NR-n14	QPSK10M	Left Side	10	158600	1	1	Ant 0	25.70	25.24	1.11	0.11	0.07	0.08	0.572	34.4	34.4	
	5G NR-n14	QPSK10M	Right Side	10	158600	1	1	Ant 0	25.70	25.24	1.11	0	<0.001	0.00	0.572	52.8	52.8	
	5G NR-n14	QPSK10M	Top Side	10	158600	1	1	Ant 0	25.70	25.24	1.11	0	<0.001	0.00	0.572	52.8	52.8	
	5G NR-n14	QPSK10M	Bottom Side	10	158600	1	1	Ant 0	25.70	25.24	1.11	-0.16	0.13	0.14	0.572	31.7	31.7	
	5G NR-n14	QPSK10M	Front Face	5	158600	25	14	Ant 0	25.70	25.15	1.14	0.13	0.249	0.28	0.572	28.8	28.8	
	5G NR-n14	QPSK10M	Rear Face	5	158600	25	14	Ant 0	25.70	25.15	1.14	0	0.471	0.54	0.572	26.0	26.0	
	5G NR-n14	QPSK10M	Left Side	10	158600	25	14	Ant 0	25.70	25.15	1.14	-0.04	0.067	0.08	0.572	34.5	34.5	
	5G NR-n14	QPSK10M	Right Side	10	158600	25	14	Ant 0	25.70	25.15	1.14	0	<0.001	0.00	0.572	52.7	52.7	
	5G NR-n14	QPSK10M	Top Side	10	158600	25	14	Ant 0	25.70	25.15	1.14	0	<0.001	0.00	0.572	52.7	52.7	
	5G NR-n14	QPSK10M	Bottom Side	10	158600	25	14	Ant 0	25.70	25.15	1.14	-0.19	0.125	0.14	0.572	31.8	31.8	
67	5G NR-n25	QPSK20M	Front Face	5	376500	1	1	Ant 0	25.70	25.23	1.11	0.11	0.743	0.82	0.572	24.1	24.1	22.0
	5G NR-n25	QPSK20M	Rear Face	5	376500	1	1	Ant 0	25.70	25.23	1.11	-0.13	1.02	1.13	0.572	22.7	22.7	
	5G NR-n25	QPSK20M	Left Side	10	376500	1	1	Ant 0	25.70	25.23	1.11	-0.19	0.423	0.47	0.572	26.5	26.5	
	5G NR-n25	QPSK20M	Right Side	10	376500	1	1	Ant 0	25.70	25.23	1.11	0	<0.001	0.00	0.572	52.8	52.8	
	5G NR-n25	QPSK20M	Top Side	10	376500	1	1	Ant 0	25.70	25.23	1.11	0	<0.001	0.00	0.572	52.8	52.8	
	5G NR-n25	QPSK20M	Bottom Side	10	376500	1	1	Ant 0	25.70	25.23	1.11	0.01	0.453	0.50	0.572	26.2	26.2	
	5G NR-n25	QPSK20M	Front Face	5	376500	50	28	Ant 0	25.70	25.11	1.15	0.04	0.715	0.82	0.572	24.1	24.1	
	5G NR-n25	QPSK20M	Rear Face	5	376500	50	28	Ant 0	25.70	25.11	1.15	0.04	0.983	1.13	0.572	22.8	22.8	
	5G NR-n25	QPSK20M	Left Side	10	376500	50	28	Ant 0	25.70	25.11	1.15	-0.19	0.407	0.47	0.572	26.6	26.6	
	5G NR-n25	QPSK20M	Right Side	10	376500	50	28	Ant 0	25.70	25.11	1.15	0	<0.001	0.00	0.572	52.7	52.7	
	5G NR-n25	QPSK20M	Top Side	10	376500	50	28	Ant 0	25.70	25.11	1.15	0	<0.001	0.00	0.572	52.7	52.7	
	5G NR-n25	QPSK20M	Bottom Side	10	376500	50	28	Ant 0	25.70	25.11	1.15	0.05	0.436	0.50	0.572	26.3	26.3	
68	5G NR-n25	QPSK20M	Rear Face	5	372000	1	1	Ant 0	25.70	25.16	1.13	0.15	1.08	1.22	0.572	22.4	22.4	22.2
	5G NR-n25	QPSK20M	Rear Face	5	381000	1	1	Ant 0	25.70	24.92	1.20	-0.06	1.11	1.33	0.572	22.0	22.0	
68	5G NR-n26	QPSK20M	Rear Face	5	381000	1	1	Ant 0	25.70	24.92	1.20	-0.18	1.08	1.30	0.572	22.2	22.2	22.7
	5G NR-n26	QPSK20M	Front Face	5	167800	1	1	Ant 0	25.70	25.39	1.07	0.12	0.436	0.47	0.572	26.6	26.6	
	5G NR-n26	QPSK20M	Rear Face	5	167800	1	1	Ant 0	25.70	25.39	1.07	-0.01	1.06	1.13	0.572	22.7	22.7	
	5G NR-n26	QPSK20M	Left Side	10	167800	1	1	Ant 0	25.70	25.39	1.07	0.09	0.09	0.10	0.572	33.4	33.4	
	5G NR-n26	QPSK20M	Right Side	10	167800	1	1	Ant 0	25.70	25.39	1.07	0	<0.001	0.00	0.572	53.0	53.0	
	5G NR-n26	QPSK20M	Top Side	10	167800	1	1	Ant 0	25.70	25.39	1.07	-0.16	<0.001	0.00	0.572	53.0	53.0	
	5G NR-n26	QPSK20M	Bottom Side	10	167800	1	1	Ant 0	25.70	25.39	1.07	-0.15	0.327	0.35	0.572	27.8	27.8	
	5G NR-n26	QPSK20M	Front Face	5	167800	50	28	Ant 0	25.70	25.35	1.08	0.14	0.421	0.45	0.572	26.7	26.7	
	5G NR-n26	QPSK20M	Rear Face	5	167800	50	28	Ant 0	25.70	25.35	1.08	0.1	1.02	1.10	0.572	22.8	22.8	
	5G NR-n26	QPSK20M	Left Side	10	167800	50	28	Ant 0	25.70	25.35	1.08	-0.05	0.087	0.09	0.572	33.5	33.5	
	5G NR-n26	QPSK20M	Right Side	10	167800	50	28	Ant 0	25.70	25.35	1.08	-0.13	<0.001	0.00	0.572	52.9	52.9	
	5G NR-n26	QPSK20M	Top Side	10	167800	50	28	Ant 0	25.70	25.35	1.08	0.16	<0.001	0.00	0.572	52.9	52.9	
	5G NR-n26	QPSK20M	Bottom Side	10	167800	50	28	Ant 0	25.70	25.35	1.08	-0.12	0.316	0.34	0.572	27.9	27.9	
	5G NR-n26	QPSK20M	Rear Face	5	164800	1	1	Ant 0	25.70	25.34	1.09	0.06	0.852	0.93	0.572	23.6	23.6	
	5G NR-n26	QPSK20M	Rear Face	5	166300	1	1	Ant 0	25.70	25.29	1.10	0.19	0.943	1.04	0.572	23.1	23.1	
	5G NR-n26	QPSK20M	Rear Face	5	166800	1	1	Ant 0	25.70	25.24	1.11	0.16	0.968	1.07	0.572	23.0	23.0	
	5G NR-n26	QPSK20M	Rear Face	5	167300	1	1	Ant 0	25.70	25.32	1.09	0.14	0.97	1.06	0.572	23.0	23.0	
	5G NR-n26	QPSK20M	Rear Face	5	167800	1	1	Ant 0	25.70	25.39	1.07	-0.02	1.02	1.09	0.572	22.9	22.9	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
69	5GNR-n30	QPSK10M	Front Face	5	462000	1	1	Ant 3	22.50	22.49	1.00	0.05	0.487	0.49	0.572	23.2	23.2	22.7
	5GNR-n30	QPSK10M	Rear Face	5	462000	1	1	Ant 3	22.50	22.49	1.00	-0.03	0.55	0.55	0.572	22.7	22.7	
	5GNR-n30	QPSK10M	Left Side	10	462000	1	1	Ant 3	22.50	22.49	1.00	0.12	0.3	0.30	0.572	25.3	25.3	
	5GNR-n30	QPSK10M	Right Side	10	462000	1	1	Ant 3	22.50	22.49	1.00	0.17	0.079	0.08	0.572	31.1	31.1	
	5GNR-n30	QPSK10M	Top Side	10	462000	1	1	Ant 3	22.50	22.49	1.00	0.02	0.334	0.33	0.572	24.8	24.8	
	5GNR-n30	QPSK10M	Bottom Side	10	462000	1	1	Ant 3	22.50	22.49	1.00	0	<0.001	0.00	0.572	50.1	50.1	
	5GNR-n30	QPSK10M	Front Face	5	462000	25	14	Ant 3	22.50	22.36	1.03	-0.05	0.447	0.46	0.572	23.4	23.4	
	5GNR-n30	QPSK10M	Rear Face	5	462000	25	14	Ant 3	22.50	22.36	1.03	-0.17	0.504	0.52	0.572	22.9	22.9	
	5GNR-n30	QPSK10M	Left Side	10	462000	25	14	Ant 3	22.50	22.36	1.03	-0.05	0.275	0.28	0.572	25.5	25.5	
	5GNR-n30	QPSK10M	Right Side	10	462000	25	14	Ant 3	22.50	22.36	1.03	0.18	0.073	0.08	0.572	31.3	31.3	
	5GNR-n30	QPSK10M	Top Side	10	462000	25	14	Ant 3	22.50	22.36	1.03	0.13	0.306	0.32	0.572	25.1	25.1	
	5GNR-n30	QPSK10M	Bottom Side	10	462000	25	14	Ant 3	22.50	22.36	1.03	0	<0.001	0.00	0.572	49.9	49.9	
70	5GNR-n41_HPUE	QPSK100M	Front Face	5	518598	1	1	Ant 3	27.00	26.49	1.12	0.04	0.883	0.99	0.572	24.6	24.6	23.9
	5GNR-n41_HPUE	QPSK100M	Rear Face	5	518598	1	1	Ant 3	27.00	26.49	1.12	-0.16	1.05	1.18	0.572	23.9	23.9	
	5GNR-n41_HPUE	QPSK100M	Left Side	10	518598	1	1	Ant 3	27.00	26.49	1.12	-0.03	0.256	0.29	0.572	30.0	30.0	
	5GNR-n41_HPUE	QPSK100M	Right Side	10	518598	1	1	Ant 3	27.00	26.49	1.12	-0.1	0.168	0.19	0.572	31.8	31.8	
	5GNR-n41_HPUE	QPSK100M	Top Side	10	518598	1	1	Ant 3	27.00	26.49	1.12	0.12	0.766	0.86	0.572	25.2	25.2	
	5GNR-n41_HPUE	QPSK100M	Bottom Side	10	518598	1	1	Ant 3	27.00	26.49	1.12	0.03	0.084	0.09	0.572	34.8	34.8	
	5GNR-n41_HPUE	QPSK100M	Front Face	5	518598	135	69	Ant 3	27.00	26.43	1.14	0.12	0.638	0.73	0.572	26.0	26.0	
	5GNR-n41_HPUE	QPSK100M	Rear Face	5	518598	135	69	Ant 3	27.00	26.43	1.14	0.06	0.944	1.08	0.572	24.3	24.3	
	5GNR-n41_HPUE	QPSK100M	Left Side	10	518598	135	69	Ant 3	27.00	26.43	1.14	-0.01	0.246	0.28	0.572	30.1	30.1	
	5GNR-n41_HPUE	QPSK100M	Right Side	10	518598	135	69	Ant 3	27.00	26.43	1.14	-0.17	0.125	0.14	0.572	33.0	33.0	
	5GNR-n41_HPUE	QPSK100M	Top Side	10	518598	135	69	Ant 3	27.00	26.43	1.14	-0.05	0.434	0.49	0.572	27.6	27.6	
	5GNR-n41_HPUE	QPSK100M	Bottom Side	10	518598	135	69	Ant 3	27.00	26.43	1.14	0.01	0.061	0.07	0.572	36.2	36.2	
70	5GNR-n41_HPUE	QPSK100M	Front Face	5	518598	1	1	Ant 1+3	27.00	26.48	1.13	0	0.739	0.84	0.572	25.4	25.4	21.5
	5GNR-n41_HPUE	QPSK100M	Rear Face	5	518598	1	1	Ant 1+3	27.00	26.48	1.13	0.02	1.79	2.02	0.572	21.5	21.5	
	5GNR-n41_HPUE	QPSK100M	Left Side	10	518598	1	1	Ant 1+3	27.00	26.48	1.13	0.1	0.152	0.17	0.572	32.2	32.2	
	5GNR-n41_HPUE	QPSK100M	Right Side	10	518598	1	1	Ant 1+3	27.00	26.48	1.13	-0.03	0.129	0.15	0.572	32.9	32.9	
	5GNR-n41_HPUE	QPSK100M	Top Side	10	518598	1	1	Ant 1+3	27.00	26.48	1.13	0	0.529	0.60	0.572	26.8	26.8	
	5GNR-n41_HPUE	QPSK100M	Bottom Side	10	518598	1	1	Ant 1+3	27.00	26.48	1.13	0.19	1.3	1.47	0.572	22.9	22.9	
	5GNR-n41_HPUE	QPSK100M	Front Face	5	518598	135	69	Ant 1+3	27.00	26.37	1.16	0.15	0.702	0.81	0.572	25.5	25.5	
	5GNR-n41_HPUE	QPSK100M	Rear Face	5	518598	135	69	Ant 1+3	27.00	26.37	1.16	0.15	1.68	1.95	0.572	21.7	21.7	
	5GNR-n41_HPUE	QPSK100M	Left Side	10	518598	135	69	Ant 1+3	27.00	26.37	1.16	0.13	0.145	0.17	0.572	32.3	32.3	
	5GNR-n41_HPUE	QPSK100M	Right Side	10	518598	135	69	Ant 1+3	27.00	26.37	1.16	-0.01	0.124	0.14	0.572	33.0	33.0	
	5GNR-n41_HPUE	QPSK100M	Top Side	10	518598	135	69	Ant 1+3	27.00	26.37	1.16	0.12	0.502	0.58	0.572	26.9	26.9	
	5GNR-n41_HPUE	QPSK100M	Bottom Side	10	518598	135	69	Ant 1+3	27.00	26.37	1.16	0.19	1.23	1.43	0.572	23.0	23.0	
70	5GNR-n41_HPUE	QPSK100M	Rear Face	5	509202	1	1	Ant 1+3	27.00	25.93	1.28	-0.12	1.53	1.96	0.572	21.7	21.7	21.5
	5GNR-n41_HPUE	QPSK100M	Rear Face	5	513900	1	1	Ant 1+3	27.00	26.32	1.17	0.12	1.55	1.81	0.572	22.0	22.0	
	5GNR-n41_HPUE	QPSK100M	Rear Face	5	523302	1	1	Ant 1+3	27.00	26.33	1.17	0.05	1.61	1.88	0.572	21.8	21.8	
	5GNR-n41_HPUE	QPSK100M	Rear Face	5	528000	1	1	Ant 1+3	27.00	26.32	1.17	0.11	1.52	1.78	0.572	22.1	22.1	
	5GNR-n41_HPUE	QPSK100M	Rear Face	5	518598	1	1	Ant 1+3	27.00	26.48	1.13	-0.07	1.72	1.94	0.572	21.7	21.7	
	5GNR-n41_HPUE	QPSK100M	Rear Face	5	518598	1	1	Ant 1+3	27.00	26.48	1.13	-0.07	1.72	1.94	0.572	21.7	21.7	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Duty cycle)	Minimum
71	5GNR-n48	QPSK40M	Front Face	5	638000	1	1	Ant 4	21.50	21.48	1.00	0	0.128	0.13	0.572	28.0	28.0	22.5
	5GNR-n48	QPSK40M	Rear Face	5	638000	1	1	Ant 4	21.50	21.48	1.00	0.01	0.454	0.45	0.572	22.5	22.5	
	5GNR-n48	QPSK40M	Left Side	10	638000	1	1	Ant 4	21.50	21.48	1.00	0.13	0.016	0.02	0.572	37.0	37.0	
	5GNR-n48	QPSK40M	Right Side	10	638000	1	1	Ant 4	21.50	21.48	1.00	-0.1	0.152	0.15	0.572	27.2	27.2	
	5GNR-n48	QPSK40M	Top Side	10	638000	1	1	Ant 4	21.50	21.48	1.00	0.1	0.027	0.03	0.572	34.7	34.7	
	5GNR-n48	QPSK40M	Bottom Side	10	638000	1	1	Ant 4	21.50	21.48	1.00	-0.12	0.072	0.07	0.572	30.5	30.5	
	5GNR-n48	QPSK40M	Front Face	5	638000	50	28	Ant 4	21.50	21.42	1.02	0.14	0.125	0.13	0.572	28.0	28.0	
	5GNR-n48	QPSK40M	Rear Face	5	638000	50	28	Ant 4	21.50	21.42	1.02	0.06	0.435	0.44	0.572	22.6	22.6	
	5GNR-n48	QPSK40M	Left Side	10	638000	50	28	Ant 4	21.50	21.42	1.02	0.04	0.016	0.02	0.572	37.0	37.0	
	5GNR-n48	QPSK40M	Right Side	10	638000	50	28	Ant 4	21.50	21.42	1.02	-0.07	0.149	0.15	0.572	27.3	27.3	
	5GNR-n48	QPSK40M	Top Side	10	638000	50	28	Ant 4	21.50	21.42	1.02	0.01	0.026	0.03	0.572	34.8	34.8	
	5GNR-n48	QPSK40M	Bottom Side	10	638000	50	28	Ant 4	21.50	21.42	1.02	0.17	0.07	0.07	0.572	30.5	30.5	
	5GNR-n48	QPSK40M	Front Face	5	638000	1	1	Ant 4+7	21.50	21.31	1.04	0.1	0.119	0.12	0.572	28.1	28.1	
	5GNR-n48	QPSK40M	Rear Face	5	638000	1	1	Ant 4+7	21.50	21.31	1.04	-0.01	0.323	0.34	0.572	23.8	23.8	
	5GNR-n48	QPSK40M	Left Side	10	638000	1	1	Ant 4+7	21.50	21.31	1.04	0.03	0.09	0.09	0.572	29.3	29.3	23.8
	5GNR-n48	QPSK40M	Right Side	10	638000	1	1	Ant 4+7	21.50	21.31	1.04	0.16	0.145	0.15	0.572	27.3	27.3	
	5GNR-n48	QPSK40M	Top Side	10	638000	1	1	Ant 4+7	21.50	21.31	1.04	-0.05	0.008	0.01	0.572	39.9	39.9	
	5GNR-n48	QPSK40M	Bottom Side	10	638000	1	1	Ant 4+7	21.50	21.31	1.04	0	0.033	0.03	0.572	33.7	33.7	
	5GNR-n48	QPSK40M	Front Face	5	638000	50	28	Ant 4+7	21.50	21.27	1.05	0.05	0.117	0.12	0.572	28.2	28.2	
	5GNR-n48	QPSK40M	Rear Face	5	638000	50	28	Ant 4+7	21.50	21.27	1.05	-0.04	0.271	0.28	0.572	24.5	24.5	
	5GNR-n48	QPSK40M	Left Side	10	638000	50	28	Ant 4+7	21.50	21.27	1.05	0.15	0.065	0.07	0.572	30.7	30.7	
	5GNR-n48	QPSK40M	Right Side	10	638000	50	28	Ant 4+7	21.50	21.27	1.05	0.06	0.135	0.14	0.572	27.5	27.5	
	5GNR-n48	QPSK40M	Top Side	10	638000	50	28	Ant 4+7	21.50	21.27	1.05	0.12	0.011	0.01	0.572	38.4	38.4	
	5GNR-n48	QPSK40M	Bottom Side	10	638000	50	28	Ant 4+7	21.50	21.27	1.05	0.15	0.032	0.03	0.572	33.8	33.8	
	5GNR-n48	QPSK40M	Rear Face	5	640444	1	1	Ant 4	21.50	21.45	1.01	-0.03	0.364	0.37	0.572	23.4	23.4	
	5GNR-n48	QPSK40M	Rear Face	5	642888	1	1	Ant 4	21.50	21.44	1.01	-0.01	0.389	0.39	0.572	23.1	23.1	
	5GNR-n48	QPSK40M	Rear Face	5	645332	1	1	Ant 4	21.50	21.21	1.07	-0.16	0.326	0.35	0.572	23.7	23.7	
72	5GNR-n53	QPSK10M	Front Face	5	497800	1	1	Ant 1	21.00	20.87	1.03	-0.07	0.184	0.19	0.572	25.8	25.8	18.9
	5GNR-n53	QPSK10M	Rear Face	5	497800	1	1	Ant 1	21.00	20.87	1.03	-0.01	0.907	0.93	0.572	18.9	18.9	
	5GNR-n53	QPSK10M	Left Side	10	497800	1	1	Ant 1	21.00	20.87	1.03	0.12	0.057	0.06	0.572	30.9	30.9	
	5GNR-n53	QPSK10M	Right Side	10	497800	1	1	Ant 1	21.00	20.87	1.03	-0.1	0.026	0.03	0.572	34.3	34.3	
	5GNR-n53	QPSK10M	Top Side	10	497800	1	1	Ant 1	21.00	20.87	1.03	0	<0.001	0.00	0.572	48.4	48.4	
	5GNR-n53	QPSK10M	Bottom Side	10	497800	1	1	Ant 1	21.00	20.87	1.03	0.02	0.358	0.37	0.572	22.9	22.9	
	5GNR-n53	QPSK10M	Front Face	5	497800	12	6	Ant 1	21.00	20.72	1.07	0.11	0.175	0.19	0.572	25.9	25.9	
	5GNR-n53	QPSK10M	Rear Face	5	497800	12	6	Ant 1	21.00	20.72	1.07	0.18	0.862	0.92	0.572	18.9	18.9	
	5GNR-n53	QPSK10M	Left Side	10	497800	12	6	Ant 1	21.00	20.72	1.07	0.01	0.054	0.06	0.572	31.0	31.0	
	5GNR-n53	QPSK10M	Right Side	10	497800	12	6	Ant 1	21.00	20.72	1.07	-0.06	0.025	0.03	0.572	34.3	34.3	
	5GNR-n53	QPSK10M	Top Side	10	497800	12	6	Ant 1	21.00	20.72	1.07	0	<0.001	0.00	0.572	48.3	48.3	
	5GNR-n53	QPSK10M	Bottom Side	10	497800	12	6	Ant 1	21.00	20.72	1.07	-0.15	0.339	0.36	0.572	23.0	23.0	
	5GNR-n53	QPSK10M	Rear Face	5	497700	1	1	Ant 1	21.00	20.85	1.04	-0.03	0.882	0.92	0.572	19.0	19.0	
	5GNR-n53	QPSK10M	Rear Face	5	498000	1	1	Ant 1	21.00	20.82	1.04	-0.19	0.883	0.92	0.572	18.9	18.9	
	5GNR-n53	QPSK10M	Rear Face	5	497800	1	1	Ant 1	21.00	20.87	1.03	-0.04	0.88	0.91	0.572	19.0	19.0	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
	5GNR-n66	QPSK20M	Front Face	5	349000	1	1	Ant 0	25.70	24.65	1.27	-0.08	0.788	1.00	0.572	23.3	23.3	20.7
	5GNR-n66	QPSK20M	Rear Face	5	349000	1	1	Ant 0	25.70	24.65	1.27	0.14	1.26	1.60	0.572	21.2	21.2	
	5GNR-n66	QPSK20M	Left Side	10	349000	1	1	Ant 0	25.70	24.65	1.27	-0.11	0.324	0.41	0.572	27.1	27.1	
	5GNR-n66	QPSK20M	Right Side	10	349000	1	1	Ant 0	25.70	24.65	1.27	-0.14	0.046	0.06	0.572	35.6	35.6	
	5GNR-n66	QPSK20M	Top Side	10	349000	1	1	Ant 0	25.70	24.65	1.27	0	<0.001	0.00	0.572	52.2	52.2	
	5GNR-n66	QPSK20M	Bottom Side	10	349000	1	1	Ant 0	25.70	24.65	1.27	-0.13	0.41	0.52	0.572	26.1	26.1	
	5GNR-n66	QPSK20M	Front Face	5	349000	50	28	Ant 0	25.70	24.56	1.30	-0.16	0.782	1.02	0.572	23.2	23.2	
	5GNR-n66	QPSK20M	Rear Face	5	349000	50	28	Ant 0	25.70	24.56	1.30	0.12	1.22	1.59	0.572	21.3	21.3	
	5GNR-n66	QPSK20M	Left Side	10	349000	50	28	Ant 0	25.70	24.56	1.30	-0.19	0.321	0.42	0.572	27.1	27.1	
	5GNR-n66	QPSK20M	Right Side	10	349000	50	28	Ant 0	25.70	24.56	1.30	-0.13	0.046	0.06	0.572	35.5	35.5	
	5GNR-n66	QPSK20M	Top Side	10	349000	50	28	Ant 0	25.70	24.56	1.30	0	<0.001	0.00	0.572	52.1	52.1	
	5GNR-n66	QPSK20M	Bottom Side	10	349000	50	28	Ant 0	25.70	24.56	1.30	0.14	0.407	0.53	0.572	26.0	26.0	
	5GNR-n66	QPSK20M	Rear Face	5	344000	1	1	Ant 0	25.70	24.45	1.33	0.11	1.25	1.66	0.572	21.1	21.1	20.7
73	5GNR-n66	QPSK20M	Rear Face	5	354000	1	1	Ant 0	25.70	24.26	1.39	-0.01	1.3	1.81	0.572	20.7	20.7	
	5GNR-n66	QPSK20M	Rear Face	5	354000	1	1	Ant 0	25.70	24.26	1.39	-0.06	1.25	1.74	0.572	20.9	20.9	
	5GNR-n70	QPSK15M	Front Face	5	340500	1	1	Ant 2	25.70	25.49	1.05	0.04	0.102	0.11	0.572	33.0	33.0	24.3
	5GNR-n70	QPSK15M	Rear Face	5	340500	1	1	Ant 2	25.70	25.49	1.05	0.02	0.645	0.68	0.572	25.0	25.0	
	5GNR-n70	QPSK15M	Left Side	10	340500	1	1	Ant 2	25.70	25.49	1.05	0.12	0.246	0.26	0.572	29.2	29.2	
	5GNR-n70	QPSK15M	Right Side	10	340500	1	1	Ant 2	25.70	25.49	1.05	0	<0.001	0.00	0.572	53.1	53.1	
	5GNR-n70	QPSK15M	Top Side	10	340500	1	1	Ant 2	25.70	25.49	1.05	0	<0.001	0.00	0.572	53.1	53.1	
	5GNR-n70	QPSK15M	Bottom Side	10	340500	1	1	Ant 2	25.70	25.49	1.05	0	<0.001	0.00	0.572	53.1	53.1	
	5GNR-n70	QPSK15M	Front Face	5	340500	36	22	Ant 2	25.70	25.43	1.06	0.08	0.117	0.12	0.572	32.3	32.3	
74	5GNR-n70	QPSK15M	Rear Face	5	340500	36	22	Ant 2	25.70	25.43	1.06	-0.05	0.744	0.79	0.572	24.3	24.3	
	5GNR-n70	QPSK15M	Left Side	10	340500	36	22	Ant 2	25.70	25.43	1.06	0.11	0.284	0.30	0.572	28.5	28.5	
	5GNR-n70	QPSK15M	Right Side	10	340500	36	22	Ant 2	25.70	25.43	1.06	0	<0.001	0.00	0.572	53.0	53.0	
	5GNR-n70	QPSK15M	Top Side	10	340500	36	22	Ant 2	25.70	25.43	1.06	0	<0.001	0.00	0.572	53.0	53.0	
	5GNR-n70	QPSK15M	Bottom Side	10	340500	36	22	Ant 2	25.70	25.43	1.06	0	<0.001	0.00	0.572	53.0	53.0	
	5GNR-n71	QPSK20M	Front Face	5	136100	1	1	Ant 0	25.70	25.14	1.14	0.19	0.104	0.12	0.572	32.5	32.5	29.7
	5GNR-n71	QPSK20M	Rear Face	5	136100	1	1	Ant 0	25.70	25.14	1.14	0.05	0.177	0.20	0.572	30.2	30.2	
	5GNR-n71	QPSK20M	Left Side	10	136100	1	1	Ant 0	25.70	25.14	1.14	-0.16	0.053	0.06	0.572	35.5	35.5	
	5GNR-n71	QPSK20M	Right Side	10	136100	1	1	Ant 0	25.70	25.14	1.14	0	<0.001	0.00	0.572	52.7	52.7	
	5GNR-n71	QPSK20M	Top Side	10	136100	1	1	Ant 0	25.70	25.14	1.14	0	<0.001	0.00	0.572	52.7	52.7	
	5GNR-n71	QPSK20M	Bottom Side	10	136100	1	1	Ant 0	25.70	25.14	1.14	-0.03	0.056	0.06	0.572	35.2	35.2	
	5GNR-n71	QPSK20M	Front Face	5	136100	50	28	Ant 0	25.70	25.06	1.16	-0.1	0.075	0.09	0.572	33.9	33.9	
	5GNR-n71	QPSK20M	Rear Face	5	136100	50	28	Ant 0	25.70	25.06	1.16	0.19	0.129	0.15	0.572	31.5	31.5	
	5GNR-n71	QPSK20M	Left Side	10	136100	50	28	Ant 0	25.70	25.06	1.16	-0.1	0.039	0.05	0.572	36.7	36.7	
	5GNR-n71	QPSK20M	Right Side	10	136100	50	28	Ant 0	25.70	25.06	1.16	0	<0.001	0.00	0.572	52.6	52.6	
	5GNR-n71	QPSK20M	Top Side	10	136100	50	28	Ant 0	25.70	25.06	1.16	0	<0.001	0.00	0.572	52.6	52.6	
	5GNR-n71	QPSK20M	Bottom Side	10	136100	50	28	Ant 0	25.70	25.06	1.16	0.19	0.041	0.05	0.572	36.5	36.5	
	5GNR-n71	QPSK20M	Rear Face	5	134600	1	1	Ant 0	25.70	24.61	1.29	0.01	0.174	0.22	0.572	29.8	29.8	29.7
75	5GNR-n71	QPSK20M	Rear Face	5	137600	1	1	Ant 0	25.70	25.02	1.17	0.13	0.195	0.23	0.572	29.7	29.7	

Body-Worn / Hotspot SAR Test Result

System & Position								DUT		SAR					Note			
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	SAR Design Target	Plimit	Plimit (with Dutycycle)	Minimum
76	5G NR-n77_HPUE	QPSK100M	Front Face	5	653000	1	1	Ant 4	29.00	28.93	1.02	-0.19	0.807	0.82	0.572	27.4	27.4	22.2
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	653000	1	1	Ant 4	29.00	28.93	1.02	-0.15	2.71	2.76	0.572	22.2	22.2	
	5G NR-n77_HPUE	QPSK100M	Left Side	10	653000	1	1	Ant 4	29.00	28.93	1.02	-0.17	0.106	0.11	0.572	36.3	36.3	
	5G NR-n77_HPUE	QPSK100M	Right Side	10	653000	1	1	Ant 4	29.00	28.93	1.02	-0.07	0.953	0.97	0.572	26.7	26.7	
	5G NR-n77_HPUE	QPSK100M	Top Side	10	653000	1	1	Ant 4	29.00	28.93	1.02	-0.19	0.173	0.18	0.572	34.1	34.1	
	5G NR-n77_HPUE	QPSK100M	Bottom Side	10	653000	1	1	Ant 4	29.00	28.93	1.02	0.16	0.457	0.47	0.572	29.9	29.9	
	5G NR-n77_HPUE	QPSK100M	Front Face	5	653000	135	69	Ant 4	29.00	28.58	1.10	-0.18	0.669	0.74	0.572	27.9	27.9	
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	653000	135	69	Ant 4	29.00	28.58	1.10	0.12	2.03	2.23	0.572	23.1	23.1	
	5G NR-n77_HPUE	QPSK100M	Left Side	10	653000	135	69	Ant 4	29.00	28.58	1.10	-0.11	0.088	0.10	0.572	36.7	36.7	
	5G NR-n77_HPUE	QPSK100M	Right Side	10	653000	135	69	Ant 4	29.00	28.58	1.10	-0.1	0.789	0.87	0.572	27.2	27.2	
	5G NR-n77_HPUE	QPSK100M	Top Side	10	653000	135	69	Ant 4	29.00	28.58	1.10	-0.15	0.143	0.16	0.572	34.6	34.6	
	5G NR-n77_HPUE	QPSK100M	Bottom Side	10	653000	135	69	Ant 4	29.00	28.58	1.10	-0.09	0.378	0.42	0.572	30.4	30.4	
	5G NR-n77_HPUE	QPSK100M	Front Face	5	653000	1	1	Ant 4+7	29.00	28.21	1.20	-0.17	0.668	0.80	0.572	27.5	27.5	
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	653000	1	1	Ant 4+7	29.00	28.21	1.20	0.06	1.5	1.80	0.572	24.0	24.0	
	5G NR-n77_HPUE	QPSK100M	Left Side	10	653000	1	1	Ant 4+7	29.00	28.21	1.20	0.09	0.463	0.56	0.572	29.1	29.1	
	5G NR-n77_HPUE	QPSK100M	Right Side	10	653000	1	1	Ant 4+7	29.00	28.21	1.20	0.18	1.01	1.21	0.572	25.7	25.7	24.0
	5G NR-n77_HPUE	QPSK100M	Top Side	10	653000	1	1	Ant 4+7	29.00	28.21	1.20	0.14	0.181	0.22	0.572	33.2	33.2	
	5G NR-n77_HPUE	QPSK100M	Bottom Side	10	653000	1	1	Ant 4+7	29.00	28.21	1.20	-0.11	0.241	0.29	0.572	32.0	32.0	
	5G NR-n77_HPUE	QPSK100M	Front Face	5	653000	135	69	Ant 4+7	29.00	28.13	1.22	-0.17	0.605	0.74	0.572	27.9	27.9	
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	653000	135	69	Ant 4+7	29.00	28.13	1.22	0.12	1.31	1.60	0.572	24.5	24.5	
	5G NR-n77_HPUE	QPSK100M	Left Side	10	653000	135	69	Ant 4+7	29.00	28.13	1.22	-0.01	0.394	0.48	0.572	29.7	29.7	
	5G NR-n77_HPUE	QPSK100M	Right Side	10	653000	135	69	Ant 4+7	29.00	28.13	1.22	0.12	0.772	0.94	0.572	26.8	26.8	
	5G NR-n77_HPUE	QPSK100M	Top Side	10	653000	135	69	Ant 4+7	29.00	28.13	1.22	0.15	0.073	0.09	0.572	37.1	37.1	
	5G NR-n77_HPUE	QPSK100M	Bottom Side	10	653000	135	69	Ant 4+7	29.00	28.13	1.22	0.04	0.258	0.31	0.572	31.6	31.6	
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	633334	1	1	Ant 4	29.00	28.22	1.20	-0.19	2.3	2.76	0.572	22.2	22.2	
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	650000	1	1	Ant 4	29.00	28.89	1.03	-0.05	2	2.06	0.572	23.5	23.5	22.2
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	656000	1	1	Ant 4	29.00	28.86	1.03	-0.17	1.98	2.04	0.572	23.5	23.5	
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	659000	1	1	Ant 4	29.00	28.81	1.04	-0.02	2.3	2.39	0.572	22.8	22.8	
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	662000	1	1	Ant 4	29.00	28.53	1.11	-0.15	2.46	2.73	0.572	22.2	22.2	
	5G NR-n77_HPUE	QPSK100M	Rear Face	5	653000	1	1	Ant 4	29.00	28.93	1.02	-0.04	2.62	2.67	0.572	22.3	22.3	

Exposure Scenario		Head/Body-worn/Hotspot	Pmax (dBm)
Averaging Volume		1g	
Test Distance (mm)		0/5/10	
WWAN Bands	Antenna	SAR Plimit corresponding to 0.572 mW/Kg (SAR_design_target)	
WCDMA II	0	21.10	25.70
WCDMA IV	0	22.00	25.70
WCDMA V	0	22.50	25.70
LTE 2	0	22.50	24.70
LTE 4	0	21.80	24.70
LTE 5	0	23.20	25.20
LTE 12	0	28.60	25.20
LTE 13	0	25.30	25.20
LTE 14	0	25.10	23.00
LTE 17	0	28.60	25.20
LTE 25	0	22.50	24.70
LTE 26	0	23.20	25.20
LTE 30	3	21.20	23.70
LTE 38	3	23.20	24.70
LTE 41	3	23.20	24.70
LTE 42	4	21.20	21.00
LTE 43	4	20.80	21.00
LTE 48	4	22.10	21.00
LTE 53	1	18.60	20.00
LTE 66	0	21.80	24.70
LTE 70	2	23.90	24.70
LTE 71	0	29.10	25.20
5G NR-n2	0	22.00	24.70
5G NR-n5	0	22.70	24.70
5G NR-n7	3	22.50	24.70
5G NR-n12	0	27.30	24.70
5G NR-n13	0	25.00	24.70
5G NR-n14	0	25.80	24.70
5G NR-n25	0	22.00	24.70
5G NR-n26	0	22.70	24.70
5G NR-n30	3	20.50	21.50
5G NR-n38	3	23.30	24.70
5G NR-n41_HPUE	3	18.50	26.00
5G NR-n41_HPUE	1	18.50	23.00
5G NR-n48	4	20.80	20.50
5G NR-n48	7	20.80	17.50
5G NR-n53	1	18.90	20.00
5G NR-n66	0	20.70	24.70
5G NR-n70	2	24.30	24.70
5G NR-n71	0	29.70	24.70
FCC 5G NR-n77_HPUE	4	20.70	28.00
FCC 5G NR-n78_HPUE	4	20.70	28.00
FCC 5G NR-n77_HPUE	7	20.70	25.00
FCC 5G NR-n78_HPUE	7	20.70	25.00

Note:

1. Pmax is used for RF tune up procedure. The maximum allowed output power is equal to Pmax + 1dB uncertainty.
2. SAR_design_target = 0.572 W/kg for 1g.
3. When Pmax < Plimit, the DUT will operate at a power level up to Pmax.
4. 5G NR-n30 Plimit is follow IC worst Plimit=20.5dBm.
5. 5G NR-n77,n78 follow IC worst Plimit=20.7dBm ; 5G NR-n41 Plimit=21.5-3.0dBm=18.5dBm ; 5G NR-n48 Plimit=23.8-3.0dBm=20.8dBm
- 6.This device supports both LTE band 12 and band 17. The frequency span of LTE band 12 can completely cover LTE band 17, and they have the same tune-up power. SAR was tested for LTE band 12 only.
- 7.This device supports both LTE band 66 and band 4. The frequency span of LTE band 66 can completely cover LTE band 4, and they have the same tune-up power. SAR was tested for LTE band 66 only.
- 8.This device supports both LTE band 25 and band 2. The frequency span of LTE band 25 can completely cover LTE band 2, and they have the same tune-up power. SAR was tested for LTE band 25 only.
- 9.This device supports both LTE band 41 and band 38. The frequency span of LTE band 41 can completely cover LTE band 38, and they have the same tune-up power. SAR was tested for LTE band 41 only.
- 10.This device supports both LTE band 26 and band 5. The frequency span of LTE band 26 can completely cover LTE band 5, and they have the same tune-up power. SAR was tested for LTE band 26 only.
- 11.This device supports both 5G NR-n25 and n2. The frequency span of 5G NR-n25 can completely cover 5G NR-n2, and they have the same tune-up power. SAR was tested for 5G NR-n25 only.
- 12.This device supports both 5G NR-n26 and n5. The frequency span of 5G NR-n26 can completely cover 5G NR-n5, and they have the same tune-up power. SAR was tested for 5G NR-n26 only.
- 13.This device supports both 5G NR-n41 and n38. The frequency span of 5G NR-n41 can completely cover 5G NR-n38, and they have the same tune-up power. SAR was tested for 5G NR-n41 only.
- 14.This device supports both 5G NR-n77 and n78. The frequency span of 5G NR-n77 can completely cover 5G NR-n78, and they have the same tune-up power. SAR was tested for 5G NR-n77 only.

Appendix B. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D750V3	1013	Aug. 22, 2024	1 Year
System Validation Dipole	SPEAG	D835V2	4d121	Aug. 22, 2024	1 Year
System Validation Dipole	SPEAG	D1750V2	1055	Sep. 13, 2024	1 Year
System Validation Dipole	SPEAG	D1900V2	5d036	Feb. 12, 2025	1 Year
System Validation Dipole	SPEAG	D2300V2	1004	Feb. 12, 2025	1 Year
System Validation Dipole	SPEAG	D2450V2	737	Feb. 12, 2025	1 Year
System Validation Dipole	SPEAG	D2600V2	1020	Aug. 15, 2024	1 Year
System Validation Dipole	SPEAG	D3500V2	1007	Jan. 15, 2025	1 Year
System Validation Dipole	SPEAG	D3700V2	1017	Feb. 14, 2025	1 Year
System Validation Dipole	SPEAG	D3900V2	1020	Feb. 14, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3650	Jan. 23, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7797	Nov. 20, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1757	Aug. 16, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1762	Nov. 14, 2024	1 Year
Universal Radio Communication Tester	Anritsu	MT8821C	6201381727	Aug. 05, 2024	1 Year
Universal Radio Communication Tester	Anritsu	MT8000A	6262012865	Dec. 18, 2024	1 Year
Thermometer	YFE	YF-160A	120702365	Sep. 12, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1151	Jul. 15, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAK-12	1164	Mar. 13, 2025	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4260	Nov. 11, 2024	1 Year